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

Order ID : Q2924

Project ID : National Grid Equity - Brooklyn NY

Client : AECOM

Lab Sample Number	Client Sample Number
Q2924-01	MW-10C-082025
Q2924-02	MW-201-082025
Q2924-03	Q2924-02MS
Q2924-04	Q2924-02MSD
Q2924-05	MW-2B-082025
Q2924-06	MW-2A-082025
Q2924-07	MW-18C-082025
Q2924-08	MW-16A-082025
Q2924-09	MW-16C-082025
Q2924-10	MW-8A-082025
Q2924-11	FB-01-082025
Q2924-12	TB

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

Signature : _____

Date: 8/30/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

AECOM
Project Name: National Grid Equity - Brooklyn NY
Project # N/A
Order ID # Q2924
Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:
11 Water samples were received on 08/20/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOC-TCL BNA -20. This data package contains results for SVOC-TCL BNA -20.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df. The samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOC-TCL BNA -20 was based on method 8270E and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for MW-201-082025 [Nitrobenzene-d5 - 171%], MW-201-082025DL2 [Phenol-d6 - 9%], MW-201-082025MS [Nitrobenzene-d5 - 148%] and MW-201-082025MSD [Nitrobenzene-d5 - 149%]. As per SOP one Acid and one Base surrogates are allowed to fail, Therefor no further corrective action was taken.

The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.

The MS {Q2924-03MS} with File ID: BP025602.D recoveries met the requirements for all compounds except for 2,2-oxybis(1-Chloropropane)[33%], 2,4-Dichlorophenol[157%], 2,4-Dimethylphenol[147%], 2-Methylnaphthalene[-233%], 2-Nitrophenol[168%], 4-Chloro-3-methylphenol[149%], Acetophenone[170%], Hexachlorobutadiene[139%], Hexachloroethane[181%], Isophorone[159%], Naphthalene[-777%] and Nitrobenzene[167%]. Recovery failed due to matrix interference, Therefor no further corrective action was taken.

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The MSD {Q2924-04MSD} with File ID: BP025603.D recoveries met the requirements for all compounds except for 2,2-oxybis(1-Chloropropane)[35%], 2,4-Dichlorophenol[162%], 2,4-Dimethylphenol[149%], 2-Methylnaphthalene[-133%], 2-Nitrophenol[172%], 4-Chloro-3-methylphenol[151%], Acetophenone[172%], Hexachlorobutadiene[142%], Hexachloroethane[184%], Isophorone[162%], Naphthalene[-190%] and Nitrobenzene[169%]. Recovery failed due to matrix interference, Therefor no further corrective action was taken.

The RPD for {Q2924-04MSD} with File ID: BP025603.D met criteria except for 2-Methylnaphthalene[55%], Naphthalene[121%]. RPD failed due to result difference between MS and MSD results; Therefor no further corrective action was taken.
The Blank Spike met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 20% in the Initial Calibration (Method 8270-BF082025.M) for Hexachlorocyclopentadiene, 2,4-Dinitrophenol these Compounds are passing on Linear regression.

The %RSD is greater than 20% for certain compounds in the Initial Calibration (Method 8270-BF082625.M) 2-Nitroaniline, 2,6-Dinitrotoluene, 3-Nitroaniline, 4-Nitrophenol, 2,4-Dinitrotoluene,4-Nitroaniline, Butylbenzylphthalate, Bis(2-ethylhexyl)phthalate Kept on Linear Regression and Compounds 2-Nitrophenol, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, Di-n-octyl phthalate Kept on Quadratic Regression.

The Continuous Calibration File ID BF143596.D met the requirements except for 2-Nitrophenol. Failed high but associated samples does not have hit for this compounds, therefor no further corrective action was taken.

The Continuous Calibration File ID BP025544.D met the requirements except for 2,4-Dinitrophenol and Benzaldehyde. Failed high but associated samples does not have hit for this compounds, therefor no further corrective action was taken.

The Continuous Calibration File ID BP025561.D met the requirements except for 2,4-Dinitrophenol and Benzaldehyde. Failed high but associated samples does not have hit for this compounds, therefor no further corrective action was taken.

The Continuous Calibration File ID BP025579.D met the requirements except for 2,4-Dinitrophenol and Benzaldehyde. Failed high but associated samples does not have hit for this compounds, therefor no further corrective action was taken.

The Continuous Calibration File ID BP025596.D met the requirements except for 2!4-Dinitrophenol and Benzaldehyde. Failed high but associated samples does not have hit for this compounds, therefor no further corrective action was taken.

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The Tuning criteria met requirements.

Samples MW-201-082025, MW-201-082025DL, MW-2B-082025 and MW-2B-082025DL were diluted due to high concentrations.

E. Additional Comments:
The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

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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 #: **Q2924**

	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: **SOHIL JODHANI** **Date:** **08/30/2025**

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LAB CHRONICLE

OrderID:	Q2924	**OrderDate:**	8/20/2025 3:43:00 PM
Client:	AECOM	**Project:**	National Grid Equity - Brooklyn NY
Contact:	Peter S	**Location:**	J23,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2924-01	**MW-10C-082025**	**Water**			**08/20/25**			**08/20/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/22/25	
Q2924-02	**MW-201-082025**	**Water**			**08/20/25**			**08/20/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/27/25	
Q2924-02DL	**MW-201-082025DL**	**Water**			**08/20/25**			**08/20/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/27/25	
Q2924-02DL2	**MW-201-082025DL2**	**Water**			**08/20/25**			**08/20/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/27/25	
Q2924-05	**MW-2B-082025**	**Water**			**08/20/25**			**08/20/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/22/25	
Q2924-05DL	**MW-2B-082025DL**	**Water**			**08/20/25**			**08/20/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/26/25	
Q2924-05DL2	**MW-2B-082025DL2**	**Water**			**08/20/25**			**08/20/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/26/25	
Q2924-06	**MW-2A-082025**	**Water**			**08/20/25**			**08/20/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/26/25	
Q2924-07	**MW-18C-082025**	**Water**			**08/20/25**			**08/20/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/27/25	
Q2924-08	**MW-16A-082025**	**Water**			**08/20/25**			**08/20/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/26/25	
Q2924-09	**MW-16C-082025**	**Water**			**08/20/25**			**08/20/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/26/25	

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LAB CHRONICLE

Q2924-10	**MW-8A-082025**	**Water**			**08/20/25**			**08/20/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/22/25	
Q2924-11	**FB-01-082025**	**Water**			**08/20/25**			**08/20/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/27/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2924

Client: AECOM

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : MW-10C-082025									
Q2924-01	MW-10C-082025	WATER	1,4-Benzenedicarboxylic acid, bis	*	2.500	J	0	0	ug/L
Q2924-01	MW-10C-082025	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	5.500	AB	0	0	ug/L
Q2924-01	MW-10C-082025	WATER	Butane, 2-methoxy-2-methyl-	*	87.300	J	0	0	ug/L
Q2924-01	MW-10C-082025	WATER	Hexanoic acid, 2-ethyl-	*	5.300	J	0	0	ug/L
			Total Tics :		**100.60**				
			Total Concentration:		**100.60**				
Client ID : MW-201-082025									
Q2924-02	MW-201-082025	WATER	3+4-Methylphenols		10.000	J	1.2	10.5	ug/L
Q2924-02	MW-201-082025	WATER	Naphthalene		3,100.000	E	0.53	5.3	ug/L
Q2924-02	MW-201-082025	WATER	2-Methylnaphthalene		920.000	E	0.59	5.3	ug/L
Q2924-02	MW-201-082025	WATER	1,1-Biphenyl		26.000		0.56	5.3	ug/L
Q2924-02	MW-201-082025	WATER	Acenaphthylene		160.000	E	0.79	5.3	ug/L
Q2924-02	MW-201-082025	WATER	Acenaphthene		8.700		0.58	5.3	ug/L
Q2924-02	MW-201-082025	WATER	Dibenzofuran		4.000	J	0.64	5.3	ug/L
Q2924-02	MW-201-082025	WATER	Diethylphthalate		2.100	J	0.73	5.3	ug/L
Q2924-02	MW-201-082025	WATER	Fluorene		27.400		0.66	5.3	ug/L
Q2924-02	MW-201-082025	WATER	Phenanthrene		29.600		0.53	5.3	ug/L
Q2924-02	MW-201-082025	WATER	Anthracene		6.100		0.64	5.3	ug/L
Q2924-02	MW-201-082025	WATER	Carbazole		13.800		0.76	5.3	ug/L
Q2924-02	MW-201-082025	WATER	Di-n-butylphthalate		2.700	J	1.3	5.3	ug/L
Q2924-02	MW-201-082025	WATER	Fluoranthene		2.300	J	0.86	5.3	ug/L
Q2924-02	MW-201-082025	WATER	Pyrene		3.000	J	0.53	5.3	ug/L
			Total Svoc :		**4,315.70**				
Q2924-02	MW-201-082025	WATER	.alpha.-Methylstyrene	*	11.100	J	0	0	ug/L
Q2924-02	MW-201-082025	WATER	4-Methylcarbazole	*	16.200	J	0	0	ug/L
Q2924-02	MW-201-082025	WATER	Azulene	*	21.100	J	0	0	ug/L
Q2924-02	MW-201-082025	WATER	Benzene, (2-methyl-1-propenyl)-	*	7.900	J	0	0	ug/L
Q2924-02	MW-201-082025	WATER	Benzene, 1-ethyl-3-methyl-	*	12.800	J	0	0	ug/L
Q2924-02	MW-201-082025	WATER	Benzene, 1-ethyl-4-methyl-	*	5.300	J	0	0	ug/L
Q2924-02	MW-201-082025	WATER	Benzene, 1-propenyl-	*	9.500	J	0	0	ug/L
Q2924-02	MW-201-082025	WATER	Butane, 2-methoxy-2-methyl-	*	11.500	J	0	0	ug/L
Q2924-02	MW-201-082025	WATER	Indane	*	12.700	J	0	0	ug/L
Q2924-02	MW-201-082025	WATER	Naphthalene, 1,3-dimethyl-	*	5.900	J	0	0	ug/L
Q2924-02	MW-201-082025	WATER	Naphthalene, 1,7-dimethyl-	*	4.600	J	0	0	ug/L
Q2924-02	MW-201-082025	WATER	p-Xylene	*	160.000	J	0	0	ug/L
Q2924-02	MW-201-082025	WATER	Thiophene, 3-methyl-	*	4.600	J	0	0	ug/L
Q2924-02	MW-201-082025	WATER	unknown7.449	*	99.800	J	0	0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2924

Client: AECOM

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Q2924-02	MW-201-082025	WATER	unknown7.525	*	31.200	J	0	0	ug/L
Q2924-02	MW-201-082025	WATER	unknown8.372	*	310.000	J	0	0	ug/L
Q2924-02	MW-201-082025	WATER	1-Methylnaphthalene	*	600.000	J	0.69	5.3	ug/L
			Total Tics :		**1,324.20**				
			Total Concentration:		**5,639.90**				
Client ID :	**MW-201-082025DL**								
Q2924-02DL	MW-201-082025DL	WATER	Naphthalene		6,000.000	ED	10.5	110	ug/L
Q2924-02DL	MW-201-082025DL	WATER	2-Methylnaphthalene		610.000	D	11.8	110	ug/L
Q2924-02DL	MW-201-082025DL	WATER	Acenaphthylene		180.000	D	15.8	110	ug/L
			Total Svoc :		**6,790.00**				
			Total Concentration:		**6,790.00**				
Client ID :	**MW-201-082025DL2**								
Q2924-02DL2	MW-201-082025DL2	WATER	Naphthalene		6,800.000	D	110	1100	ug/L
Q2924-02DL2	MW-201-082025DL2	WATER	2-Methylnaphthalene		570.000	JD	120	1100	ug/L
			Total Svoc :		**7,370.00**				
			Total Concentration:		**7,370.00**				
Client ID :	**MW-2B-082025**								
Q2924-05	MW-2B-082025	WATER	Phenol		5.100	J	0.95	5.2	ug/L
Q2924-05	MW-2B-082025	WATER	Naphthalene		930.000	E	0.52	5.2	ug/L
Q2924-05	MW-2B-082025	WATER	2-Methylnaphthalene		160.000	E	0.58	5.2	ug/L
Q2924-05	MW-2B-082025	WATER	1,1-Biphenyl		12.700		0.55	5.2	ug/L
Q2924-05	MW-2B-082025	WATER	Acenaphthene		61.200		0.57	5.2	ug/L
Q2924-05	MW-2B-082025	WATER	Dibenzofuran		2.600	J	0.64	5.2	ug/L
Q2924-05	MW-2B-082025	WATER	Fluorene		13.000		0.66	5.2	ug/L
Q2924-05	MW-2B-082025	WATER	Phenanthrene		17.200		0.52	5.2	ug/L
Q2924-05	MW-2B-082025	WATER	Anthracene		2.600	J	0.64	5.2	ug/L
Q2924-05	MW-2B-082025	WATER	Carbazole		5.800		0.75	5.2	ug/L
			Total Svoc :		**1,210.20**				
Q2924-05	MW-2B-082025	WATER	Naphthalene, 1,5-dimethyl-	*	8.900	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	Naphthalene, 1,6-dimethyl-	*	15.600	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	Naphthalene, 1-ethyl-	*	8.400	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	Naphthalene, 2,3-dimethyl-	*	18.700	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	Naphthalene, 2,6-dimethyl-	*	5.900	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	1,3-Cyclopentadiene, 5-(1-methyl	*	290.000	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	1-Naphthalenol	*	7.100	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	1-Naphthalenol, 2-methyl-	*	8.800	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	9H-Carbazole, 9-methyl-	*	7.700	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	Benzene, 1,3-dimethyl-	*	28.600	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	Butane, 2-methoxy-2-methyl-	*	110.000	J	0	0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2924

Client: AECOM

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Q2924-05	MW-2B-082025	WATER	unknown6.387	*	14.000	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	unknown6.751	*	40.500	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	unknown6.987	*	76.500	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	unknown7.034	*	14.100	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	unknown7.134	*	770.000	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	unknown7.193	*	35.400	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	unknown7.951	*	2.300	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	1-Methylnaphthalene	*	240.000	J	0.69	5.2	ug/L
			Total Tics :		**1,702.50**				
			Total Concentration:		**2,912.70**				
Client ID :	**MW-2B-082025DL**								
Q2924-05DL	MW-2B-082025DL	WATER	Naphthalene		1,800.000	ED	10.4	100	ug/L
Q2924-05DL	MW-2B-082025DL	WATER	2-Methylnaphthalene		180.000	D	11.7	100	ug/L
Q2924-05DL	MW-2B-082025DL	WATER	Acenaphthene		72.500	JD	11.5	100	ug/L
			Total Svoc :		**2,052.50**				
			Total Concentration:		**2,052.50**				
Client ID :	**MW-2B-082025DL2**								
Q2924-05DL2	MW-2B-082025DL2	WATER	Naphthalene		1,800.000	D	20.8	210	ug/L
Q2924-05DL2	MW-2B-082025DL2	WATER	2-Methylnaphthalene		180.000	JD	23.3	210	ug/L
			Total Svoc :		**1,980.00**				
			Total Concentration:		**1,980.00**				
Client ID :	**MW-2A-082025**								
Q2924-06	MW-2A-082025	WATER	1-Octanamine, N-methyl-N-octyl-	*	2.900	J	0	0	ug/L
Q2924-06	MW-2A-082025	WATER	1-Propanol, 2-(2-hydroxypropoxy	*	3.700	J	0	0	ug/L
Q2924-06	MW-2A-082025	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	4.900	AB	0	0	ug/L
Q2924-06	MW-2A-082025	WATER	2-Propanol, 1,1-[(1-methyl-1,2-et	*	4.200	J	0	0	ug/L
Q2924-06	MW-2A-082025	WATER	Butane, 2-methoxy-2-methyl-	*	96.500	J	0	0	ug/L
Q2924-06	MW-2A-082025	WATER	Butanoic acid, 4-(2-methoxy-1-me	*	2.700	J	0	0	ug/L
Q2924-06	MW-2A-082025	WATER	di-2-Pyridyl ketone	*	5.000	J	0	0	ug/L
Q2924-06	MW-2A-082025	WATER	Ethyl cyclopropanecarboxylate	*	17.200	J	0	0	ug/L
Q2924-06	MW-2A-082025	WATER	n-Hexadecanoic acid	*	4.300	J	0	0	ug/L
Q2924-06	MW-2A-082025	WATER	unknown12.196	*	17.600	J	0	0	ug/L
Q2924-06	MW-2A-082025	WATER	unknown19.683	*	4.800	J	0	0	ug/L
			Total Tics :		**163.80**				
			Total Concentration:		**163.80**				
Client ID :	**MW-18C-082025**								
Q2924-07	MW-18C-082025	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	5.800	AB	0	0	ug/L
Q2924-07	MW-18C-082025	WATER	Benzophenone	*	2.300	J	0	0	ug/L
Q2924-07	MW-18C-082025	WATER	n-Hexadecanoic acid	*	2.700	J	0	0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2924

Client: AECOM

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Q2924-07	MW-18C-082025	WATER	Palmitoleic acid	*	2.300	J	0	0	ug/L
			Total Tics :		**13.10**				
			Total Concentration:		**13.10**				
Client ID :	**MW-16A-082025**								
Q2924-08	MW-16A-082025	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	5.600	AB	0	0	ug/L
Q2924-08	MW-16A-082025	WATER	Butane, 2-methoxy-2-methyl-	*	110.000	J	0	0	ug/L
Q2924-08	MW-16A-082025	WATER	cis-13-Octadecenoic acid	*	7.300	J	0	0	ug/L
Q2924-08	MW-16A-082025	WATER	n-Hexadecanoic acid	*	5.200	J	0	0	ug/L
			Total Tics :		**128.10**				
			Total Concentration:		**128.10**				
Client ID :	**MW-16C-082025**								
Q2924-09	MW-16C-082025	WATER	1H-Indene, 2,3-dihydro-4,7-dimet	*	2.900	J	0	0	ug/L
Q2924-09	MW-16C-082025	WATER	2,3,4,5,6,7-Hexahydro-1H-cyclop	*	2.600	J	0	0	ug/L
Q2924-09	MW-16C-082025	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	5.300	AB	0	0	ug/L
Q2924-09	MW-16C-082025	WATER	3-(2,3-Dihydro-1-benzofuran-5-yl	*	3.900	J	0	0	ug/L
Q2924-09	MW-16C-082025	WATER	Benzenemethanol, .alpha.,.alpha.-	*	2.900	J	0	0	ug/L
Q2924-09	MW-16C-082025	WATER	Butane, 2-methoxy-2-methyl-	*	110.000	J	0	0	ug/L
Q2924-09	MW-16C-082025	WATER	Erucic acid	*	2.700	J	0	0	ug/L
Q2924-09	MW-16C-082025	WATER	n-Hexadecanoic acid	*	4.000	J	0	0	ug/L
			Total Tics :		**134.30**				
			Total Concentration:		**134.30**				
Client ID :	**MW-8A-082025**								
Q2924-10	MW-8A-082025	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	4.400	AB	0	0	ug/L
Q2924-10	MW-8A-082025	WATER	Benzophenone	*	2.800	J	0	0	ug/L
Q2924-10	MW-8A-082025	WATER	Butane, 2-methoxy-2-methyl-	*	110.000	J	0	0	ug/L
Q2924-10	MW-8A-082025	WATER	n-Hexadecanoic acid	*	5.300	J	0	0	ug/L
			Total Tics :		**122.50**				
			Total Concentration:		**122.50**				
Client ID :	**FB-01-082025**								
Q2924-11	FB-01-082025	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	6.900	AB	0	0	ug/L
			Total Tics :		**6.90**				
			Total Concentration:		**6.90**				

QC
SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q2924

Client: AECOM

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169362BL	PB169362BL	2-Fluorophenol	150	125	83		23	138
		Phenol-d6	150	120	80		10	134
		Nitrobenzene-d5	100	75.8	76		67	132
		2-Fluorobiphenyl	100	73.3	73		52	132
		2,4,6-Tribromophenol	150	123	82		44	137
		Terphenyl-d14	100	70.1	70		42	152
PB169362BS	PB169362BS	2-Fluorophenol	150	116	77		23	138
		Phenol-d6	150	113	75		10	134
		Nitrobenzene-d5	100	72.1	72		67	132
		2-Fluorobiphenyl	100	70.9	71		52	132
		2,4,6-Tribromophenol	150	119	80		44	137
		Terphenyl-d14	100	75.5	75		42	152
Q2924-01	MW-10C-082025	2-Fluorophenol	150	59.1	39		23	138
		Phenol-d6	150	38.3	26		10	134
		Nitrobenzene-d5	100	99.8	100		67	132
		2-Fluorobiphenyl	100	88.3	88		52	132
		2,4,6-Tribromophenol	150	151	101		44	137
		Terphenyl-d14	100	102	102		42	152
Q2924-02	MW-201-082025	2-Fluorophenol	150	65.2	43		23	138
		Phenol-d6	150	38.7	26		10	134
		Nitrobenzene-d5	100	171	171	*	67	132
		2-Fluorobiphenyl	100	78.8	79		52	132
		2,4,6-Tribromophenol	150	136	91		44	137
		Terphenyl-d14	100	74.0	74		42	152
Q2924-02DL	MW-201-082025DL	2-Fluorophenol	150	63.7	42		23	138
		Phenol-d6	150	31.8	21		10	134
		Nitrobenzene-d5	100	77.1	77		67	132
		2-Fluorobiphenyl	100	83.0	83		52	132
		2,4,6-Tribromophenol	150	114	76		44	137
		Terphenyl-d14	100	77.0	77		42	152
Q2924-02DL2	MW-201-082025DL2	2-Fluorophenol	150	67.8	45		23	138
		Phenol-d6	150	14.0	9	*	10	134
		Nitrobenzene-d5	100	69.0	69		67	132
		2-Fluorobiphenyl	100	76.2	76		52	132
		2,4,6-Tribromophenol	150	91.2	61		44	137
		Terphenyl-d14	100	73.4	73		42	152
Q2924-03MS	MW-201-082025MS	2-Fluorophenol	150	67.6	45		23	138
		Phenol-d6	150	41.4	28		10	134
		Nitrobenzene-d5	100	148	148	*	67	132
		2-Fluorobiphenyl	100	79.6	80		52	132
		2,4,6-Tribromophenol	150	138	92		44	137
		Terphenyl-d14	100	76.9	77		42	152
Q2924-04MSD	MW-201-082025MSD	2-Fluorophenol	150	67.4	45		23	138
		Phenol-d6	150	41.4	28		10	134
		Nitrobenzene-d5	100	149	149	*	67	132
		2-Fluorobiphenyl	100	78.1	78		52	132
		2,4,6-Tribromophenol	150	135	90		44	137
		Terphenyl-d14	100	76.2	76		42	152
Q2924-05	MW-2B-082025	2-Fluorophenol	150	73.5	49		23	138
		Phenol-d6	150	53.5	36		10	134
		Nitrobenzene-d5	100	118	118		67	132

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Surrogate Summary

SW-846

SDG No.: Q2924

Client: AECOM

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2924-05	MW-2B-082025	2-Fluorobiphenyl	100	87.5	87		52	132
		2,4,6-Tribromophenol	150	141	94		44	137
		Terphenyl-d14	100	101	101		42	152
Q2924-05DL	MW-2B-082025DL	2-Fluorophenol	150	80.0	53		23	138
		Phenol-d6	150	51.4	34		10	134
		Nitrobenzene-d5	100	85.6	86		67	132
		2-Fluorobiphenyl	100	90.6	91		52	132
		2,4,6-Tribromophenol	150	150	100		44	137
		Terphenyl-d14	100	93.2	93		42	152
Q2924-05DL2	MW-2B-082025DL2	2-Fluorophenol	150	79.8	53		23	138
		Phenol-d6	150	48.0	32		10	134
		Nitrobenzene-d5	100	80.4	80		67	132
		2-Fluorobiphenyl	100	91.2	91		52	132
		2,4,6-Tribromophenol	150	139	93		44	137
		Terphenyl-d14	100	101	101		42	152
Q2924-06	MW-2A-082025	2-Fluorophenol	150	64.6	43		23	138
		Phenol-d6	150	39.1	26		10	134
		Nitrobenzene-d5	100	83.4	83		67	132
		2-Fluorobiphenyl	100	78.0	78		52	132
		2,4,6-Tribromophenol	150	141	94		44	137
		Terphenyl-d14	100	77.0	77		42	152
Q2924-07	MW-18C-082025	2-Fluorophenol	150	67.3	45		23	138
		Phenol-d6	150	41.9	28		10	134
		Nitrobenzene-d5	100	113	113		67	132
		2-Fluorobiphenyl	100	95.1	95		52	132
		2,4,6-Tribromophenol	150	142	95		44	137
		Terphenyl-d14	100	96.9	97		42	152
Q2924-08	MW-16A-082025	2-Fluorophenol	150	59.0	39		23	138
		Phenol-d6	150	34.9	23		10	134
		Nitrobenzene-d5	100	84.0	84		67	132
		2-Fluorobiphenyl	100	77.7	78		52	132
		2,4,6-Tribromophenol	150	145	97		44	137
		Terphenyl-d14	100	72.4	72		42	152
Q2924-09	MW-16C-082025	2-Fluorophenol	150	64.9	43		23	138
		Phenol-d6	150	39.6	26		10	134
		Nitrobenzene-d5	100	83.7	84		67	132
		2-Fluorobiphenyl	100	79.7	80		52	132
		2,4,6-Tribromophenol	150	141	94		44	137
		Terphenyl-d14	100	76.3	76		42	152
Q2924-10	MW-8A-082025	2-Fluorophenol	150	64.1	43		23	138
		Phenol-d6	150	39.6	26		10	134
		Nitrobenzene-d5	100	84.7	85		67	132
		2-Fluorobiphenyl	100	77.8	78		52	132
		2,4,6-Tribromophenol	150	138	92		44	137
		Terphenyl-d14	100	74.9	75		42	152
Q2924-11	FB-01-082025	2-Fluorophenol	150	66.7	44		23	138
		Phenol-d6	150	42.0	28		10	134
		Nitrobenzene-d5	100	114	114		67	132
		2-Fluorobiphenyl	100	93.8	94		52	132
		2,4,6-Tribromophenol	150	147	98		44	137
		Terphenyl-d14	100	99.4	99		42	152

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2924 **Analytical Method:** SW8270E

Client: AECOM **DataFile:** BP025602.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: Q2924-03MS		**Client Sample ID: MW-201-082025MS**									
Benzaldehyde	51.5	0	38.4	ug/L	75				10	137	
Phenol	51.5	0	16.0	ug/L	31				10	130	
bis(2-Chloroethyl)ether	51.5	0	44.3	ug/L	86				29	141	
2-Chlorophenol	51.5	0	39.6	ug/L	77				23	127	
2-Methylphenol	51.5	0	33.8	ug/L	66				60	131	
2,2-oxybis(1-Chloropropane)	51.5	0	17.1	ug/L	33	*			36	141	
Acetophenone	51.5	0	87.5	ug/L	170	*			31	164	
3+4-Methylphenols	51.5	10.0	40.9	ug/L	60				54	136	
N-Nitroso-di-n-propylamine	51.5	0	42.2	ug/L	82				36	147	
Hexachloroethane	51.5	0	93.2	ug/L	181	*			19	146	
Nitrobenzene	51.5	0	85.8	ug/L	167	*			62	112	
Isophorone	51.5	0	81.7	ug/L	159	*			39	146	
2-Nitrophenol	51.5	0	86.6	ug/L	168	*			30	148	
2,4-Dimethylphenol	51.5	0	75.6	ug/L	147	*			17	143	
bis(2-Chloroethoxy)methane	51.5	0	70.3	ug/L	137				39	143	
2,4-Dichlorophenol	51.5	0	80.6	ug/L	157	*			22	146	
Naphthalene	51.5	3100	2700	ug/L	-777	*			17	157	
4-Chloroaniline	51.5	0	28.5	ug/L	55				10	95	
Hexachlorobutadiene	51.5	0	71.5	ug/L	139	*			52	125	
Caprolactam	51.5	0	16.7	ug/L	32				10	130	
4-Chloro-3-methylphenol	51.5	0	76.5	ug/L	149	*			17	148	
2-Methylnaphthalene	51.5	920	800	ug/L	-233	*			38	146	
Hexachlorocyclopentadiene	100	0	79.7	ug/L	80				20	153	
2,4,6-Trichlorophenol	51.5	0	50.2	ug/L	97				78	112	
2,4,5-Trichlorophenol	51.5	0	49.4	ug/L	96				71	111	
1,1-Biphenyl	51.5	26.0	69.6	ug/L	85				38	154	
2-Chloronaphthalene	51.5	0	48.9	ug/L	95				41	145	
2-Nitroaniline	51.5	0	54.1	ug/L	105				39	151	
Dimethylphthalate	51.5	0	48.7	ug/L	95				42	147	
Acenaphthylene	51.5	160	190	ug/L	58				40	141	
2,6-Dinitrotoluene	51.5	0	51.4	ug/L	100				43	148	
3-Nitroaniline	51.5	0	31.7	ug/L	62				10	111	
Acenaphthene	51.5	8.70	54.7	ug/L	89				37	146	
2,4-Dinitrophenol	100	0	120	ug/L	120				14	167	
4-Nitrophenol	100	0	42.0	ug/L	42				10	130	
Dibenzofuran	51.5	4.00	51.3	ug/L	92				41	145	
2,4-Dinitrotoluene	51.5	0	53.3	ug/L	103				74	137	
Diethylphthalate	51.5	2.10	50.3	ug/L	94				41	148	
4-Chlorophenyl-phenylether	51.5	0	48.5	ug/L	94				38	149	
Fluorene	51.5	27.4	67.1	ug/L	77				39	144	
4-Nitroaniline	51.5	0	48.5	ug/L	94				27	138	
4,6-Dinitro-2-methylphenol	51.5	0	55.1	ug/L	107				32	175	
N-Nitrosodiphenylamine	51.5	0	51.1	ug/L	99				40	150	
4-Bromophenyl-phenylether	51.5	0	51.5	ug/L	100				42	151	
Hexachlorobenzene	51.5	0	52.5	ug/L	102				72	115	
Atrazine	51.5	0	47.8	ug/L	93				20	162	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2924 **Analytical Method:** SW8270E

Client: AECOM **DataFile:** BP025602.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	100	0	110	ug/L	110				52	162	
Phenanthrene	51.5	29.6	65.4	ug/L	70				40	147	
Anthracene	51.5	6.10	53.4	ug/L	92				41	146	
Carbazole	51.5	13.8	61.7	ug/L	93				37	154	
Di-n-butylphthalate	51.5	2.70	51.3	ug/L	94				40	151	
Fluoranthene	51.5	2.30	51.0	ug/L	95				42	146	
Pyrene	51.5	3.00	50.5	ug/L	92				41	149	
Butylbenzylphthalate	51.5	0	51.2	ug/L	99				39	155	
3,3-Dichlorobenzidine	51.5	0	41.5	ug/L	81				10	114	
Benzo(a)anthracene	51.5	0	49.5	ug/L	96				41	147	
Chrysene	51.5	0	50.0	ug/L	97				44	144	
bis(2-Ethylhexyl)phthalate	51.5	0	48.4	ug/L	94				33	160	
Di-n-octyl phthalate	51.5	0	51.0	ug/L	99				36	158	
Benzo(b)fluoranthene	51.5	0	50.0	ug/L	97				40	150	
Benzo(k)fluoranthene	51.5	0	49.1	ug/L	95				40	147	
Benzo(a)pyrene	51.5	0	49.3	ug/L	96				42	147	
Indeno(1,2,3-cd)pyrene	51.5	0	50.1	ug/L	97				30	166	
Dibenz(a,h)anthracene	51.5	0	51.0	ug/L	99				23	172	
Benzo(g,h,i)perylene	51.5	0	50.2	ug/L	97				27	167	
1,2,4,5-Tetrachlorobenzene	51.5	0	50.1	ug/L	97				89	102	
1,4-Dioxane	51.5	0	21.2	ug/L	41				38	130	
2,3,4,6-Tetrachlorophenol	51.5	0	51.1	ug/L	99				91	111	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2924 **Analytical Method:** SW8270E

Client: AECOM **DataFile:** BP025603.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2924-04MSD		**Client Sample ID: MW-201-082025MSD**									
Benzaldehyde	52.6	0	37.7	ug/L	72		4		10	137	20
Phenol	52.6	0	16.4	ug/L	31		0		10	130	20
bis(2-Chloroethyl)ether	52.6	0	44.2	ug/L	84		2		29	141	20
2-Chlorophenol	52.6	0	39.6	ug/L	75		3		23	127	20
2-Methylphenol	52.6	0	34.5	ug/L	66		0		60	131	20
2,2-oxybis(1-Chloropropane)	52.6	0	18.4	ug/L	35	*	6		36	141	20
Acetophenone	52.6	0	90.6	ug/L	172	*	1		31	164	20
3+4-Methylphenols	52.6	10.0	41.7	ug/L	60		0		54	136	20
N-Nitroso-di-n-propylamine	52.6	0	43.2	ug/L	82		0		36	147	20
Hexachloroethane	52.6	0	96.9	ug/L	184	*	2		19	146	20
Nitrobenzene	52.6	0	89.1	ug/L	169	*	1		62	112	20
Isophorone	52.6	0	85.0	ug/L	162	*	2		39	146	20
2-Nitrophenol	52.6	0	90.4	ug/L	172	*	2		30	148	20
2,4-Dimethylphenol	52.6	0	78.4	ug/L	149	*	1		17	143	20
bis(2-Chloroethoxy)methane	52.6	0	75.2	ug/L	143		4		39	143	20
2,4-Dichlorophenol	52.6	0	85.1	ug/L	162	*	3		22	146	20
Naphthalene	52.6	3100	3000	ug/L	-190	*	121	*	17	157	20
4-Chloroaniline	52.6	0	31.3	ug/L	60		9		10	95	20
Hexachlorobutadiene	52.6	0	74.8	ug/L	142	*	2		52	125	20
Caprolactam	52.6	0	17.0	ug/L	32		0		10	130	20
4-Chloro-3-methylphenol	52.6	0	79.4	ug/L	151	*	1		17	148	20
2-Methylnaphthalene	52.6	920	850	ug/L	-133	*	55	*	38	146	20
Hexachlorocyclopentadiene	110	0	76.9	ug/L	70		13		20	153	20
2,4,6-Trichlorophenol	52.6	0	50.2	ug/L	95		2		78	112	20
2,4,5-Trichlorophenol	52.6	0	49.9	ug/L	95		1		71	111	20
1,1-Biphenyl	52.6	26.0	70.0	ug/L	84		1		38	154	20
2-Chloronaphthalene	52.6	0	48.9	ug/L	93		2		41	145	20
2-Nitroaniline	52.6	0	53.9	ug/L	102		3		39	151	20
Dimethylphthalate	52.6	0	47.8	ug/L	91		4		42	147	20
Acenaphthylene	52.6	160	190	ug/L	57		2		40	141	20
2,6-Dinitrotoluene	52.6	0	51.3	ug/L	98		2		43	148	20
3-Nitroaniline	52.6	0	32.4	ug/L	62		0		10	111	20
Acenaphthene	52.6	8.70	53.5	ug/L	85		5		37	146	20
2,4-Dinitrophenol	110	0	120	ug/L	109		10		14	167	20
4-Nitrophenol	110	0	42.7	ug/L	39		7		10	130	20
Dibenzofuran	52.6	4.00	51.2	ug/L	90		2		41	145	20
2,4-Dinitrotoluene	52.6	0	52.5	ug/L	100		3		74	137	20
Diethylphthalate	52.6	2.10	48.9	ug/L	89		5		41	148	20
4-Chlorophenyl-phenylether	52.6	0	48.5	ug/L	92		2		38	149	20
Fluorene	52.6	27.4	68.0	ug/L	77		0		39	144	20
4-Nitroaniline	52.6	0	49.4	ug/L	94		0		27	138	20
4,6-Dinitro-2-methylphenol	52.6	0	55.7	ug/L	106		1		32	175	20
N-Nitrosodiphenylamine	52.6	0	50.5	ug/L	96		3		40	150	20
4-Bromophenyl-phenylether	52.6	0	52.0	ug/L	99		1		42	151	20
Hexachlorobenzene	52.6	0	52.3	ug/L	99		3		72	115	20
Atrazine	52.6	0	48.5	ug/L	92		1		20	162	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2924 **Analytical Method:** SW8270E

Client: AECOM **DataFile:** BP025603.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	110	0	110	ug/L	100		10		52	162	20
Phenanthrene	52.6	29.6	67.2	ug/L	71		1		40	147	20
Anthracene	52.6	6.10	53.2	ug/L	90		2		41	146	20
Carbazole	52.6	13.8	63.5	ug/L	94		1		37	154	20
Di-n-butylphthalate	52.6	2.70	52.6	ug/L	95		1		40	151	20
Fluoranthene	52.6	2.30	51.6	ug/L	94		1		42	146	20
Pyrene	52.6	3.00	50.1	ug/L	90		2		41	149	20
Butylbenzylphthalate	52.6	0	52.0	ug/L	99		0		39	155	20
3,3-Dichlorobenzidine	52.6	0	43.4	ug/L	83		2		10	114	20
Benzo(a)anthracene	52.6	0	49.9	ug/L	95		1		41	147	20
Chrysene	52.6	0	51.2	ug/L	97		0		44	144	20
bis(2-Ethylhexyl)phthalate	52.6	0	49.7	ug/L	94		0		33	160	20
Di-n-octyl phthalate	52.6	0	52.0	ug/L	99		0		36	158	20
Benzo(b)fluoranthene	52.6	0	50.4	ug/L	96		1		40	150	20
Benzo(k)fluoranthene	52.6	0	49.6	ug/L	94		1		40	147	20
Benzo(a)pyrene	52.6	0	49.8	ug/L	95		1		42	147	20
Indeno(1,2,3-cd)pyrene	52.6	0	50.9	ug/L	97		0		30	166	20
Dibenz(a,h)anthracene	52.6	0	51.6	ug/L	98		1		23	172	20
Benzo(g,h,i)perylene	52.6	0	50.6	ug/L	96		1		27	167	20
1,2,4,5-Tetrachlorobenzene	52.6	0	49.8	ug/L	95		2		89	102	20
1,4-Dioxane	52.6	0	21.8	ug/L	41		0		38	130	20
2,3,4,6-Tetrachlorophenol	52.6	0	50.6	ug/L	96		3		91	111	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2924 **Analytical Method:** 8270E

Client: AECOM **DataFile:** BP025581.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169362BS	Benzaldehyde	50	22.9	ug/L	46				10	162	
	Phenol	50	41.7	ug/L	83				66	118	
	bis(2-Chloroethyl)ether	50	40.1	ug/L	80				62	103	
	2-Chlorophenol	50	41.6	ug/L	83				70	117	
	2-Methylphenol	50	41.0	ug/L	82				69	109	
	2,2-oxybis(1-Chloropropane)	50	39.7	ug/L	79				65	100	
	Acetophenone	50	39.8	ug/L	80				60	104	
	3+4-Methylphenols	50	39.8	ug/L	80				67	106	
	N-Nitroso-di-n-propylamine	50	36.5	ug/L	73				57	107	
	Hexachloroethane	50	40.3	ug/L	81				76	118	
	Nitrobenzene	50	41.1	ug/L	82				58	106	
	Isophorone	50	39.2	ug/L	78				61	102	
	2-Nitrophenol	50	42.7	ug/L	85				70	115	
	2,4-Dimethylphenol	50	42.3	ug/L	85				42	142	
	bis(2-Chloroethoxy)methane	50	40.1	ug/L	80				58	109	
	2,4-Dichlorophenol	50	43.3	ug/L	87				66	115	
	Naphthalene	50	39.7	ug/L	79				64	107	
	4-Chloroaniline	50	23.9	ug/L	48				10	85	
	Hexachlorobutadiene	50	40.8	ug/L	82				69	101	
	Caprolactam	50	39.6	ug/L	79				58	128	
	4-Chloro-3-methylphenol	50	42.3	ug/L	85				65	114	
	2-Methylnaphthalene	50	39.4	ug/L	79				64	107	
	Hexachlorocyclopentadiene	100	81.0	ug/L	81				36	160	
	2,4,6-Trichlorophenol	50	44.1	ug/L	88				61	110	
	2,4,5-Trichlorophenol	50	44.6	ug/L	89				70	106	
	1,1-Biphenyl	50	41.8	ug/L	84				72	98	
	2-Chloronaphthalene	50	40.9	ug/L	82				59	106	
	2-Nitroaniline	50	44.0	ug/L	88				73	114	
	Dimethylphthalate	50	41.0	ug/L	82				64	103	
	Acenaphthylene	50	40.9	ug/L	82				79	103	
	2,6-Dinitrotoluene	50	43.4	ug/L	87				64	110	
	3-Nitroaniline	50	31.2	ug/L	62				28	100	
	Acenaphthene	50	39.5	ug/L	79				59	113	
	2,4-Dinitrophenol	100	100	ug/L	100				36	166	
	4-Nitrophenol	100	82.1	ug/L	82				45	147	
	Dibenzofuran	50	40.2	ug/L	80				65	106	
	2,4-Dinitrotoluene	50	43.7	ug/L	87				60	115	
	Diethylphthalate	50	41.5	ug/L	83				63	105	
	4-Chlorophenyl-phenylether	50	40.1	ug/L	80				61	104	
	Fluorene	50	40.2	ug/L	80				64	107	
	4-Nitroaniline	50	41.1	ug/L	82				55	125	
	4,6-Dinitro-2-methylphenol	50	46.7	ug/L	93				62	132	
	N-Nitrosodiphenylamine	50	42.8	ug/L	86				61	109	
	4-Bromophenyl-phenylether	50	42.2	ug/L	84				73	103	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2924 **Analytical Method:** 8270E

Client: AECOM **DataFile:** BP025581.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169362BS	Hexachlorobenzene	50	42.0	ug/L	84				73	106	
	Atrazine	50	41.7	ug/L	83				76	120	
	Pentachlorophenol	100	86.9	ug/L	87				47	114	
	Phenanthrene	50	40.9	ug/L	82				62	109	
	Anthracene	50	41.4	ug/L	83				65	110	
	Carbazole	50	40.8	ug/L	82				62	106	
	Di-n-butylphthalate	50	41.6	ug/L	83				64	106	
	Fluoranthene	50	40.0	ug/L	80				64	110	
	Pyrene	50	43.4	ug/L	87				71	103	
	Butylbenzylphthalate	50	44.3	ug/L	89				61	105	
	3,3-Dichlorobenzidine	50	31.9	ug/L	64				43	108	
	Benzo(a)anthracene	50	42.2	ug/L	84				62	107	
	Chrysene	50	41.7	ug/L	83				61	108	
	bis(2-Ethylhexyl)phthalate	50	42.7	ug/L	85				59	110	
	Di-n-octyl phthalate	50	43.7	ug/L	87				52	139	
	Benzo(b)fluoranthene	50	41.7	ug/L	83				77	113	
	Benzo(k)fluoranthene	50	41.8	ug/L	84				77	105	
	Benzo(a)pyrene	50	41.6	ug/L	83				72	131	
	Indeno(1,2,3-cd)pyrene	50	41.4	ug/L	83				72	105	
	Dibenz(a,h)anthracene	50	41.8	ug/L	84				78	115	
	Benzo(g,h,i)perylene	50	41.4	ug/L	83				75	118	
	1,2,4,5-Tetrachlorobenzene	50	42.0	ug/L	84				72	101	
	1,4-Dioxane	50	34.9	ug/L	70				38	125	
	2,3,4,6-Tetrachlorophenol	50	43.0	ug/L	86				63	116	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB169362BL

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2924

Lab File ID: BP025562.D Lab Sample ID: PB169362BL

Instrument ID: BNA_P Date Extracted: 08/22/2025

Matrix: (soil/water) Water Date Analyzed: 08/25/2025

Level: (low/med) LOW Time Analyzed: 12:54

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169362BS	PB169362BS	BP025581.D	08/26/2025
MW-16A-082025	Q2924-08	BP025588.D	08/26/2025
MW-16C-082025	Q2924-09	BP025589.D	08/26/2025
MW-2A-082025	Q2924-06	BP025590.D	08/26/2025
MW-201-082025	Q2924-02	BP025601.D	08/27/2025
MW-201-082025MS	Q2924-03MS	BP025602.D	08/27/2025
MW-201-082025MSD	Q2924-04MSD	BP025603.D	08/27/2025
MW-10C-082025	Q2924-01	BF143581.D	08/22/2025
MW-2B-082025	Q2924-05	BF143582.D	08/22/2025
FB-01-082025	Q2924-11	BF143601.D	08/27/2025
MW-18C-082025	Q2924-07	BF143603.D	08/27/2025
MW-8A-082025	Q2924-10	BP025552.D	08/22/2025

COMMENTS:

Raw Data: **BF143476.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2924

Lab File ID: BF143476.D DFTPP Injection Date: 08/20/2025

Instrument ID: BNA_F DFTPP Injection Time: 10:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	27.4
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.5
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	15.4
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
SSTDICC2.5	SSTDICC2.5	BF143477.D	08/20/2025	10:55
SSTDICC005	SSTDICC005	BF143478.D	08/20/2025	11:25
SSTDICC010	SSTDICC010	BF143479.D	08/20/2025	11:54
SSTDICC020	SSTDICC020	BF143480.D	08/20/2025	12:23
SSTDICCC040	SSTDICCC040	BF143481.D	08/20/2025	12:53
SSTDICC050	SSTDICC050	BF143482.D	08/20/2025	13:22
SSTDICC060	SSTDICC060	BF143483.D	08/20/2025	13:51
SSTDICC080	SSTDICC080	BF143484.D	08/20/2025	14:20

Raw Data: **BF143562.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2924

Lab File ID: BF143562.D DFTPP Injection Date: 08/22/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (2) 1
69	Mass 69 relative abundance	29.5
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	5.6
365	Greater than 1% of mass 198	3.1
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	19.3 (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	BF143563.D	08/22/2025	10:29
MW-10C-082025	Q2924-01	BF143581.D	08/22/2025	19:21
MW-2B-082025	Q2924-05	BF143582.D	08/22/2025	19:50

Raw Data: **BF143584.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2924

Lab File ID: BF143584.D DFTPP Injection Date: 08/26/2025

Instrument ID: BNA_F DFTPP Injection Time: 08:36

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	35.3
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	6.7
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	14.4
442	Greater than 50% of mass 198	91.9
443	15.0 - 24.0% of mass 442	16.5 (17.9) 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	BF143585.D	08/26/2025	09:11
SSTDICC005	SSTDICC005	BF143586.D	08/26/2025	09:39
SSTDICC010	SSTDICC010	BF143587.D	08/26/2025	10:08
SSTDICC020	SSTDICC020	BF143588.D	08/26/2025	10:37
SSTDICCC040	SSTDICCC040	BF143589.D	08/26/2025	11:06
SSTDICC050	SSTDICC050	BF143590.D	08/26/2025	11:35
SSTDICC060	SSTDICC060	BF143591.D	08/26/2025	12:03
SSTDICC080	SSTDICC080	BF143592.D	08/26/2025	12:32

Raw Data: **BF143595.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2924

Lab File ID: BF143595.D DFTPP Injection Date: 08/27/2025

Instrument ID: BNA_F DFTPP Injection Time: 08:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	33.7
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	6.6
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	16
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF143596.D	08/27/2025	09:16
FB-01-082025	Q2924-11	BF143601.D	08/27/2025	11:53
MW-18C-082025	Q2924-07	BF143603.D	08/27/2025	12:52

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: AECO02

Lab Code: ACE — SDG NO.: Q2924

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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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2924

Lab File ID: BP025543.D DFTPP Injection Date: 08/22/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:08

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	32.9
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.7 (19.7) 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	BP025544.D	08/22/2025	10:49
MW-8A-082025	Q2924-10	BP025552.D	08/22/2025	16:58

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: AECO02

Lab Code: ACE — SDG NO.: Q2924

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
PB169362BL	PB169362BL	BP025562.D	08/25/2025	12:54

Raw Data: **BP025578.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2924

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
PB169362BS	PB169362BS	BP025581.D	08/26/2025	11:44
MW-2B-082025DL	Q2924-05DL	BP025583.D	08/26/2025	13:10
MW-2B-082025DL2	Q2924-05DL2	BP025586.D	08/26/2025	15:14
MW-16A-082025	Q2924-08	BP025588.D	08/26/2025	16:37
MW-16C-082025	Q2924-09	BP025589.D	08/26/2025	17:18
MW-2A-082025	Q2924-06	BP025590.D	08/26/2025	17:59

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: AECO02

Lab Code: ACE — SDG NO.: Q2924

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
MW-201-082025	Q2924-02	BP025601.D	08/27/2025	13:37
MW-201-082025MS	Q2924-03MS	BP025602.D	08/27/2025	14:18
MW-201-082025MSD	Q2924-04MSD	BP025603.D	08/27/2025	15:00
MW-201-082025DL	Q2924-02DL	BP025607.D	08/27/2025	17:44
MW-201-082025DL2	Q2924-02DL2	BP025608.D	08/27/2025	18:26

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2924

Client ID : SSTDCCC040 Date Analyzed: 08/22/2025

Lab File ID: BF143563.D Time Analyzed: 10:29

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	94271	6.928	366222	8.21	205977	9.96
	UPPER LIMIT	188542	7.428	732444	8.71	411954	10.463
	LOWER LIMIT	47135.5	6.428	183111	7.71	102989	9.463
	EPA SAMPLE NO.						
01	MW-10C-082025	104622	6.92	416287	8.20	252150	9.96
02	MW-2B-082025	97960	6.93	310044	8.23	220938	9.96

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.: Q2924

Client ID: SSTDCCC040 Date Analyzed: 08/22/2025

Lab File ID: BF143563.D Time Analyzed: 10:29

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	328132	11.451	185804	14.098	191413	15.598
	UPPER LIMIT	656264	11.951	371608	14.598	382826	16.098
	LOWER LIMIT	164066	10.951	92902	13.598	95706.5	15.098
	EPA SAMPLE NO.						
01	MW-10C-082025	422746	11.45	233264	14.09	203920	15.59
02	MW-2B-082025	347033	11.45	201002	14.09	183367	15.59

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.: Q2924

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

Lab File ID: BF143596.D Time Analyzed: 09:16

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	115923	6.893	446099	8.18	249607	9.93
	UPPER LIMIT	231846	7.393	892198	8.675	499214	10.428
	LOWER LIMIT	57961.5	6.393	223050	7.675	124804	9.428
	EPA SAMPLE NO.						
01	MW-18C-082025	107445	6.89	403245	8.17	213409	9.92
02	FB-01-082025	111189	6.89	428717	8.17	235375	9.92

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2924

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

Lab File ID: BF143596.D Time Analyzed: 09:16

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	402587	11.416	235836	14.051	227679	15.521
	UPPER LIMIT	805174	11.916	471672	14.551	455358	16.021
	LOWER LIMIT	201294	10.916	117918	13.551	113840	15.021
	EPA SAMPLE NO.						
01	MW-18C-082025	297699	11.41	161336	14.05	218565	15.52
02	FB-01-082025	345422	11.41	186452	14.05	227431	15.52

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.: Q2924

Client ID : SSTDCCC040 Date Analyzed: 08/22/2025

Lab File ID: BP025544.D Time Analyzed: 10:49

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	137158	7.778	591885	10.55	400784	14.39
	UPPER LIMIT	274316	8.278	1183770	11.048	801568	14.889
	LOWER LIMIT	68579	7.278	295943	10.048	200392	13.889
	EPA SAMPLE NO.						
01	MW-8A-082025	178406	7.78	716017	10.54	464364	14.38

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.: Q2924

Client ID: SSTDCCC040 Date Analyzed: 08/22/2025

Lab File ID: BP025544.D Time Analyzed: 10:49

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	833863	17.189	897419	21.624	1034530	24.989
	UPPER LIMIT	1667730	17.689	1794840	22.124	2069060	25.489
	LOWER LIMIT	416932	16.689	448710	21.124	517265	24.489
	EPA SAMPLE NO.						
01	MW-8A-082025	972343	17.18	994558	21.63	1124630	24.99

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.: Q2924

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	PB169362BL	173347	7.78	665603	10.54	424932	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.: Q2924

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	PB169362BL	890876	17.19	1139400	21.63	1287990	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.: Q2924

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	PB169362BS	256194	7.78	1004580	10.55	636349	14.41
02	MW-2B-082025DL	167152	7.77	645100	10.55	403608	14.39
03	MW-2B-082025DL2	173400	7.78	700981	10.54	444336	14.39
04	MW-2A-082025	209304	7.78	834432	10.54	540709	14.38
05	MW-16A-082025	194953	7.78	750992	10.55	492017	14.39
06	MW-16C-082025	200652	7.77	790738	10.55	502369	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.: Q2924

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	PB169362BS	1239650	17.20	1177570	21.63	1318340	24.99
02	MW-2B-082025DL	820492	17.19	922833	21.63	1102540	25.00
03	MW-2B-082025DL2	857309	17.19	880360	21.63	1060520	24.99
04	MW-2A-082025	1091600	17.19	1128820	21.64	1291270	25.00
05	MW-16A-082025	1024760	17.20	1121360	21.64	1313750	25.02
06	MW-16C-082025	1002260	17.20	1066650	21.63	1227490	25.01

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.: Q2924

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	MW-201-082025	185057	7.78	347077	10.57	427017	14.39
02	MW-201-082025MS	177033	7.78	389081	10.57	432672	14.39
03	MW-201-082025MSD	165573	7.78	358938	10.57	417829	14.40
04	MW-201-082025DL	147420	7.77	575398	10.54	352604	14.39
05	MW-201-082025DL2	150824	7.77	581758	10.54	353815	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.: Q2924

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	MW-201-082025	842894	17.20	908516	21.64	1056970	25.00
02	MW-201-082025MS	850262	17.19	903685	21.64	1056320	25.00
03	MW-201-082025MSD	814298	17.20	887974	21.64	1057490	25.01
04	MW-201-082025DL	694303	17.19	837318	21.64	1049340	25.00
05	MW-201-082025DL2	659654	17.18	856697	21.64	1043580	25.01

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.

Alliance
TECHNICAL GROUP

SAMPLE DATA

Raw Data: **BF143581.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-10C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143581.D	1	08/22/25 10:34	08/22/25 19:21	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.0	U	3.90	10.0	ug/L
108-95-2	Phenol	5.00	U	0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.00	U	0.81	5.00	ug/L
95-57-8	2-Chlorophenol	5.00	U	0.58	5.00	ug/L
95-48-7	2-Methylphenol	5.00	U	1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.00	U	1.30	5.00	ug/L
98-86-2	Acetophenone	5.00	U	0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	10.0	U	1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	5.00	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	5.00	U	0.76	5.00	ug/L
78-59-1	Isophorone	5.00	U	0.75	5.00	ug/L
88-75-5	2-Nitrophenol	5.00	U	1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	5.00	U	1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.00	U	0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	5.00	U	0.52	5.00	ug/L
91-20-3	Naphthalene	5.00	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	5.00	U	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	5.00	U	0.54	5.00	ug/L
105-60-2	Caprolactam	10.0	U	1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	5.00	U	0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	5.00	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	10.0	U	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.00	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	5.00	U	0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	5.00	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	5.00	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	5.00	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	5.00	U	0.61	5.00	ug/L

Raw Data: **BF143581.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-10C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143581.D	1	08/22/25 10:34	08/22/25 19:21	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.00	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	5.00	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	5.00	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	5.00	U	0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	10.0	U	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	10.0	U	2.40	10.0	ug/L
132-64-9	Dibenzofuran	5.00	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	5.00	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	5.00	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.00	U	0.68	5.00	ug/L
86-73-7	Fluorene	5.00	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	5.00	U	1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.0	U	2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	5.00	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	5.00	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	5.00	U	0.52	5.00	ug/L
1912-24-9	Atrazine	5.00	U	1.00	5.00	ug/L
87-86-5	Pentachlorophenol	10.0	U	1.60	10.0	ug/L
85-01-8	Phenanthrene	5.00	U	0.50	5.00	ug/L
120-12-7	Anthracene	5.00	U	0.61	5.00	ug/L
86-74-8	Carbazole	5.00	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	5.00	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	5.00	U	0.82	5.00	ug/L
129-00-0	Pyrene	5.00	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	5.00	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	10.0	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	5.00	U	0.45	5.00	ug/L
218-01-9	Chrysene	5.00	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.00	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	10.0	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	5.00	U	0.49	5.00	ug/L

Raw Data: **BF143581.D**

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Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-10C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143581.D	1	08/22/25 10:34	08/22/25 19:21	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.00	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	5.00	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.00	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.00	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	5.00	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.00	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	5.00	U	1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.00	U	0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	59.1		23 - 138	39%	SPK: 150
13127-88-3	Phenol-d6	38.3		10 - 134	26%	SPK: 150
4165-60-0	Nitrobenzene-d5	99.8		67 - 132	100%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.3		52 - 132	88%	SPK: 100
118-79-6	2,4,6-Tribromophenol	151		44 - 137	101%	SPK: 150
1718-51-0	Terphenyl-d14	102		42 - 152	102%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	105000	6.922			
1146-65-2	Naphthalene-d8	416000	8.204			
15067-26-2	Acenaphthene-d10	252000	9.963			
1517-22-2	Phenanthrene-d10	423000	11.451			
1719-03-5	Chrysene-d12	233000	14.092			
1520-96-3	Perylene-d12	204000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	87.3	J		2.25	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.50	AB		5.15	ug/L
000149-57-5	Hexanoic acid, 2-ethyl-	5.30	J		7.61	ug/L
006422-86-2	1,4-Benzenedicarboxylic acid, bis(	2.50	J		14.7	ug/L

Raw Data: **BF143581.D**

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-10C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143581.D	1	08/22/25 10:34	08/22/25 19:21	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Sample Results: **BF143581.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143581.D
Acq On : 22 Aug 2025 19:21
Operator : RC/JU
Sample : Q2924-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-10C-082025

Quant Time: Aug 25 02:39:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

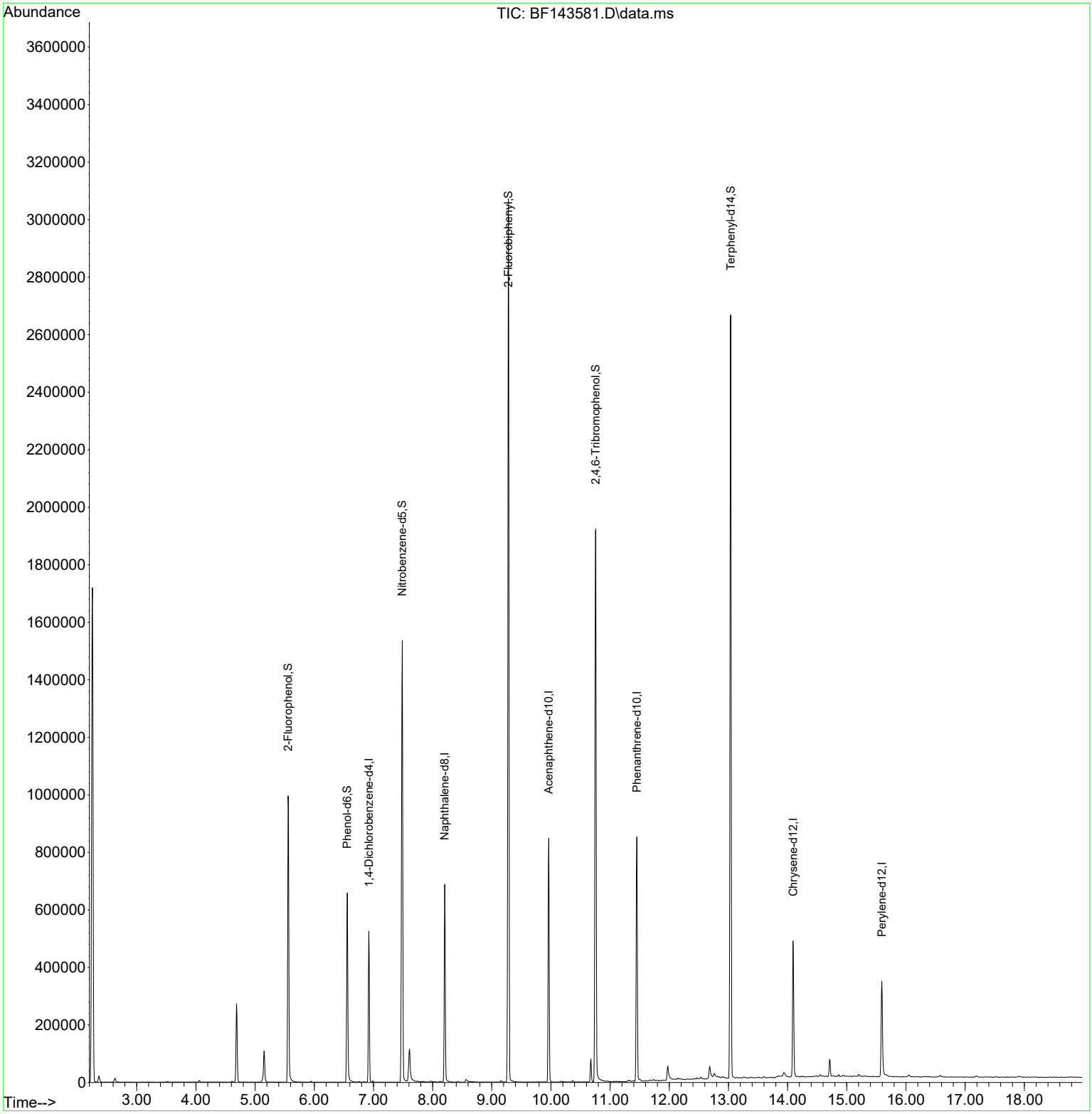
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	104622	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	416287	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	252150	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	422746	20.000	ng	0.00
76) Chrysene-d12	14.092	240	233264	20.000	ng	-0.01
86) Perylene-d12	15.592	264	203920	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	353831	59.055	ng	0.00
7) Phenol-d6	6.557	99	283631	38.348	ng	-0.02
23) Nitrobenzene-d5	7.486	82	712100	99.822	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	354367	150.978	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1346585	88.260	ng	0.00
79) Terphenyl-d14	13.039	244	1358796	101.651	ng	0.00
Target Compounds						Qvalue

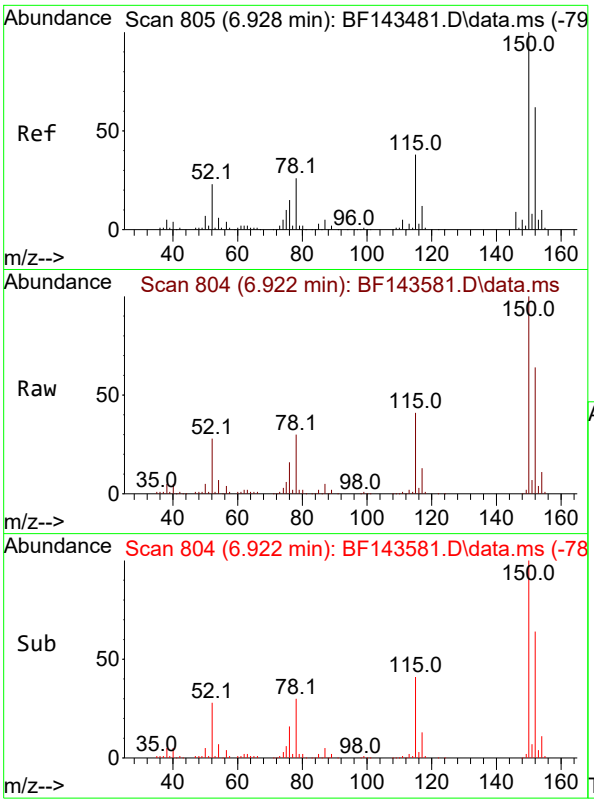
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143581.D
Acq On : 22 Aug 2025 19:21
Operator : RC/JU
Sample : Q2924-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-10C-082025

Quant Time: Aug 25 02:39:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration



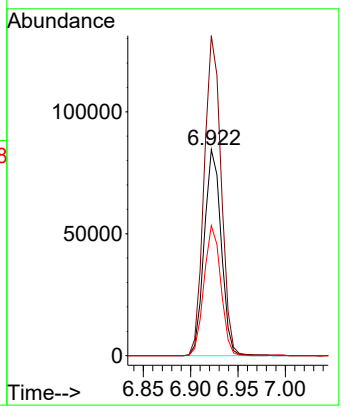


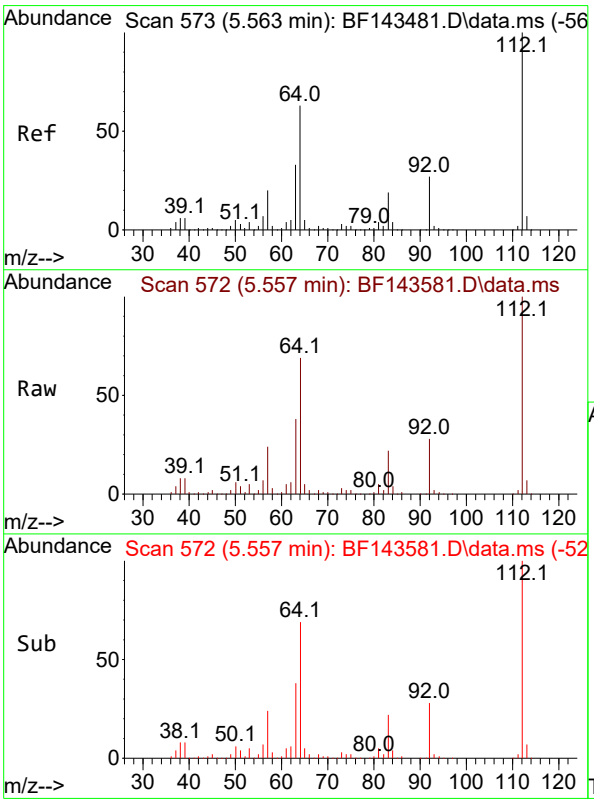
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143581.D
Acq: 22 Aug 2025 19:21

Instrument :
BNA_F
ClientSampleId :
MW-10C-082025

Tgt Ion:152 Resp: 104622

Ion	Ratio	Lower	Upper
152	100		
150	155.3	128.9	193.3
115	63.1	49.2	73.8

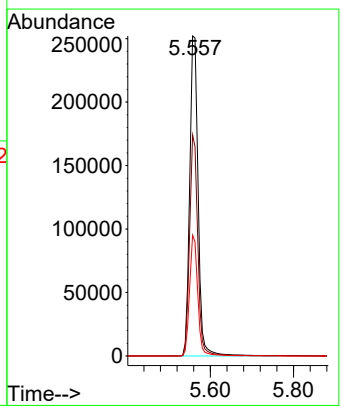


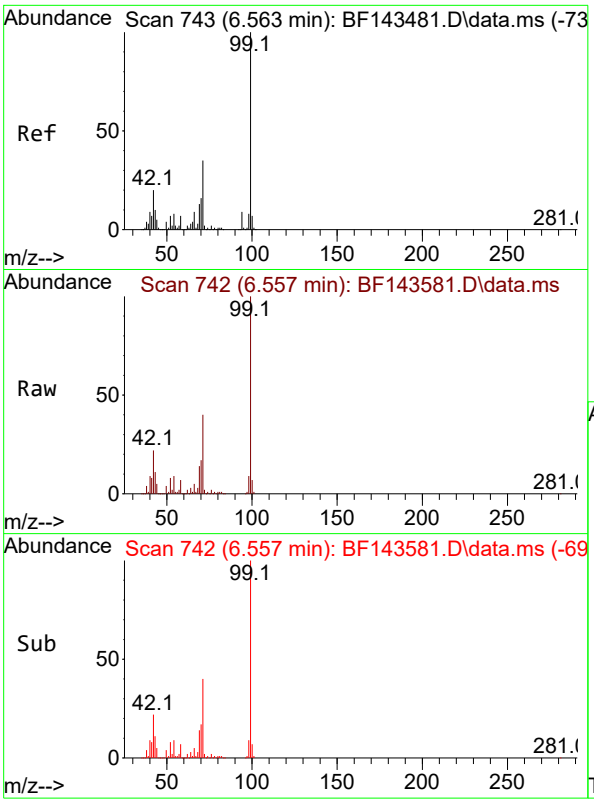


#5
2-Fluorophenol
Concen: 59.055 ng
RT: 5.557 min Scan# 572
Delta R.T. -0.006 min
Lab File: BF143581.D
Acq: 22 Aug 2025 19:21

Tgt Ion:112 Resp: 353831

Ion	Ratio	Lower	Upper
112	100		
64	69.0	50.4	75.6
63	37.7	26.4	39.6



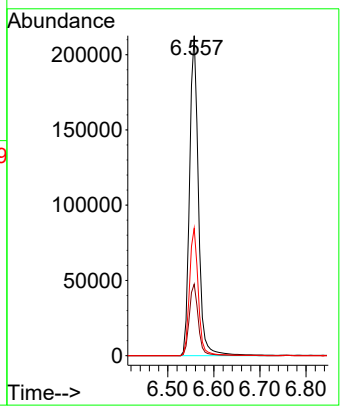


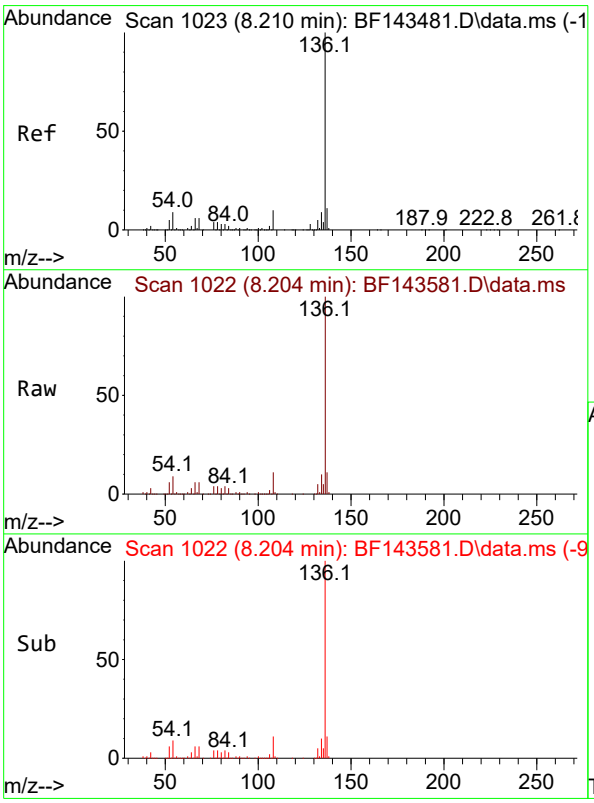
#7
Phenol-d6
Concen: 38.348 ng
RT: 6.557 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143581.D
Acq: 22 Aug 2025 19:21

Instrument :
BNA_F
ClientSampleId :
MW-10C-082025

Tgt Ion: 99 Resp: 283631

Ion	Ratio	Lower	Upper
99	100		
42	22.3	16.3	24.5
71	39.8	28.2	42.2

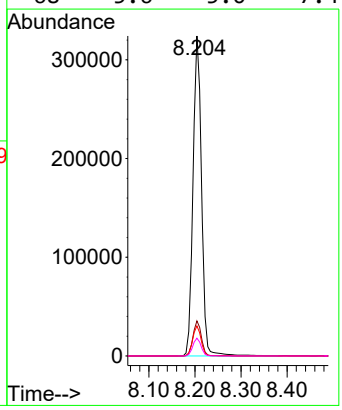


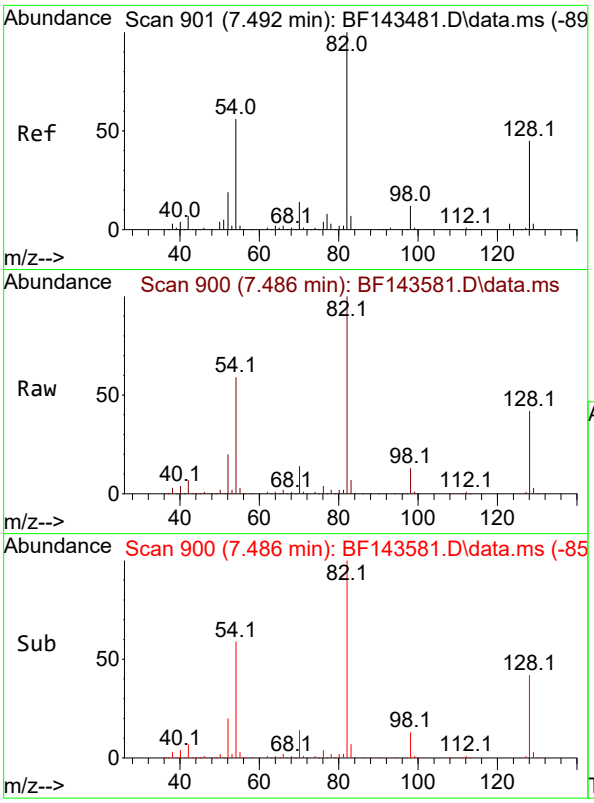


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143581.D
Acq: 22 Aug 2025 19:21

Tgt Ion:136 Resp: 416287

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	9.4	7.4	11.2
68	5.6	5.0	7.4



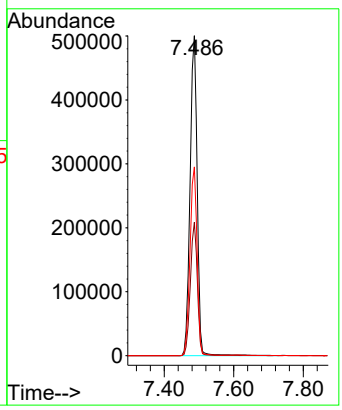


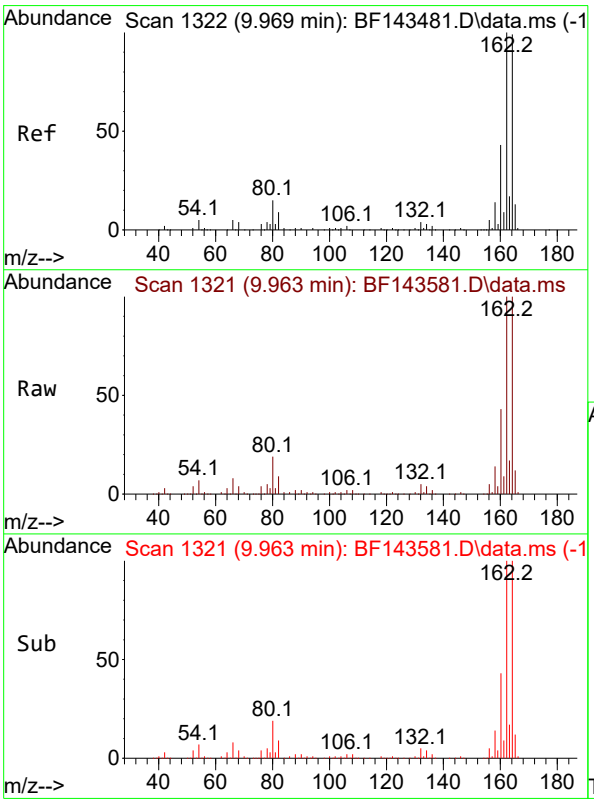
#23
Nitrobenzene-d5
Concen: 99.822 ng
RT: 7.486 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143581.D
Acq: 22 Aug 2025 19:21

Instrument :
BNA_F
ClientSampleId :
MW-10C-082025

Tgt Ion: 82 Resp: 712100

Ion	Ratio	Lower	Upper
82	100		
128	41.7	35.5	53.3
54	59.0	44.3	66.5

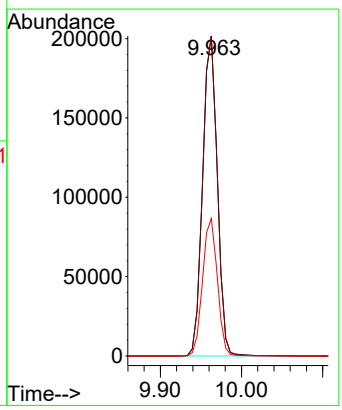


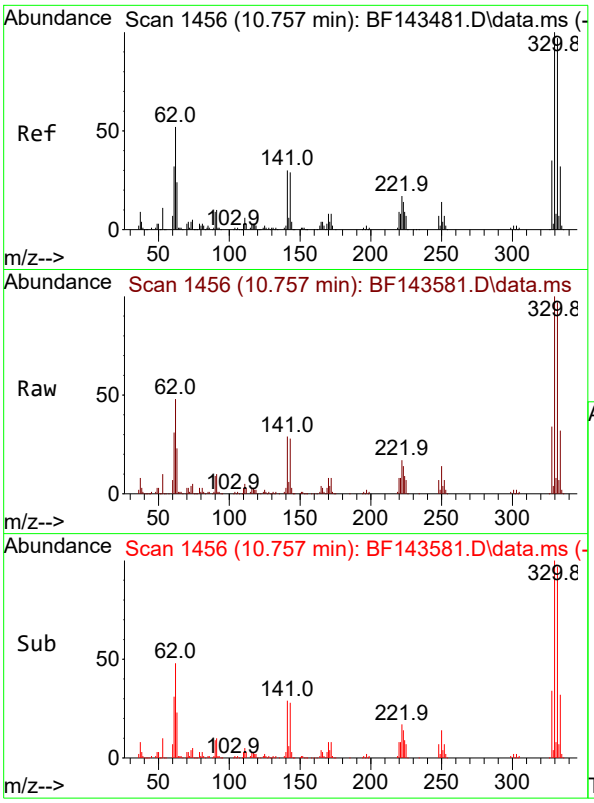


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF143581.D
Acq: 22 Aug 2025 19:21

Tgt Ion:164 Resp: 252150

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.5	120.7
160	43.0	34.3	51.5



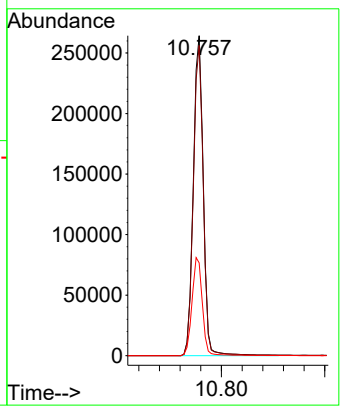


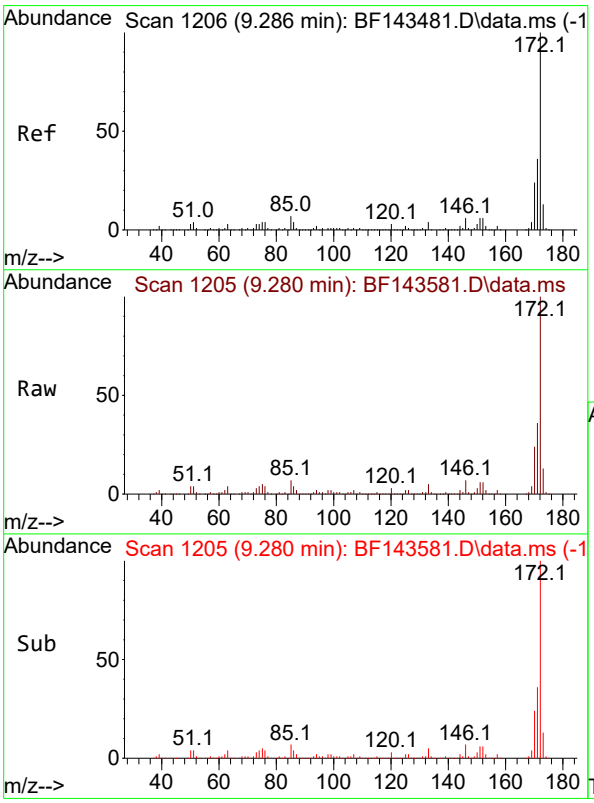
#42
2,4,6-Tribromophenol
Concen: 150.978 ng
RT: 10.757 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143581.D
Acq: 22 Aug 2025 19:21

Instrument :
BNA_F
ClientSampleId :
MW-10C-082025

Tgt Ion:330 Resp: 354367

Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.0	117.0
141	31.8	23.7	35.5

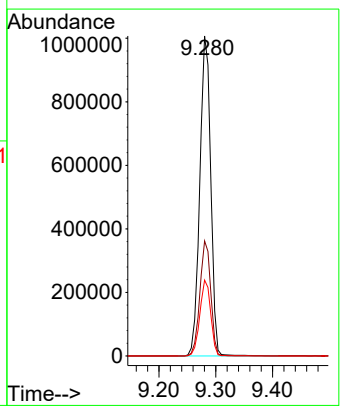


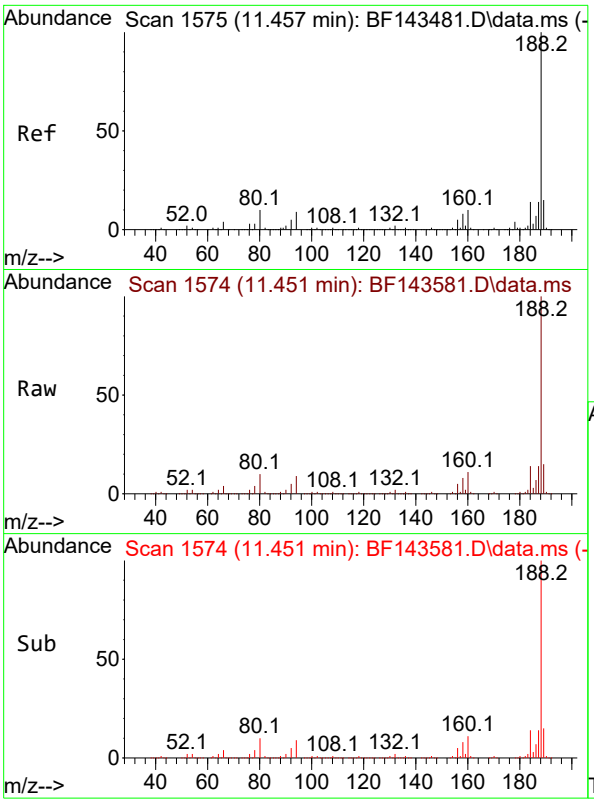


#45
2-Fluorobiphenyl
Concen: 88.260 ng
RT: 9.280 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143581.D
Acq: 22 Aug 2025 19:21

Tgt Ion:172 Resp: 1346585

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.8	43.2
170	23.7	18.8	28.2



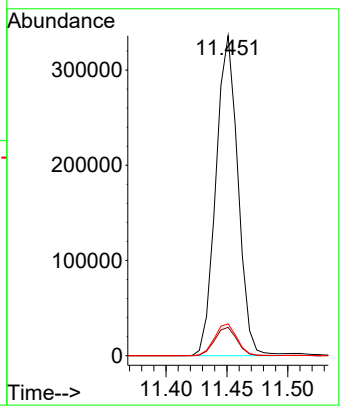


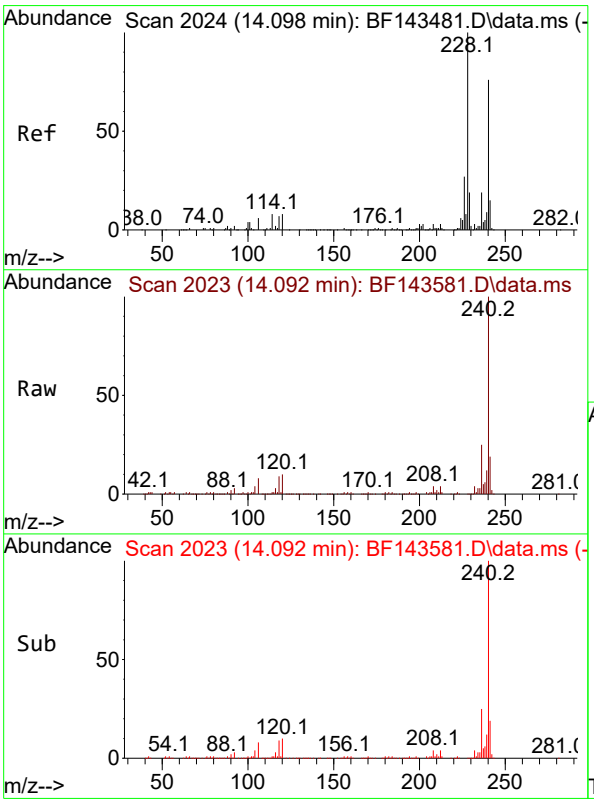
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143581.D
Acq: 22 Aug 2025 19:21

Instrument :
BNA_F
ClientSampleId :
MW-10C-082025

Tgt Ion:188 Resp: 422746

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.4	11.2
80	10.0	8.2	12.4

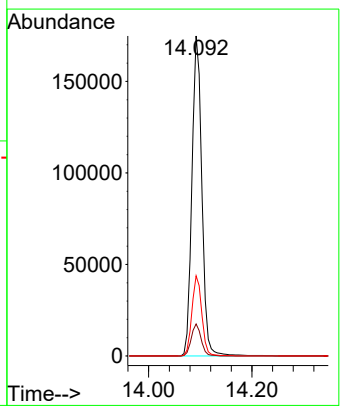


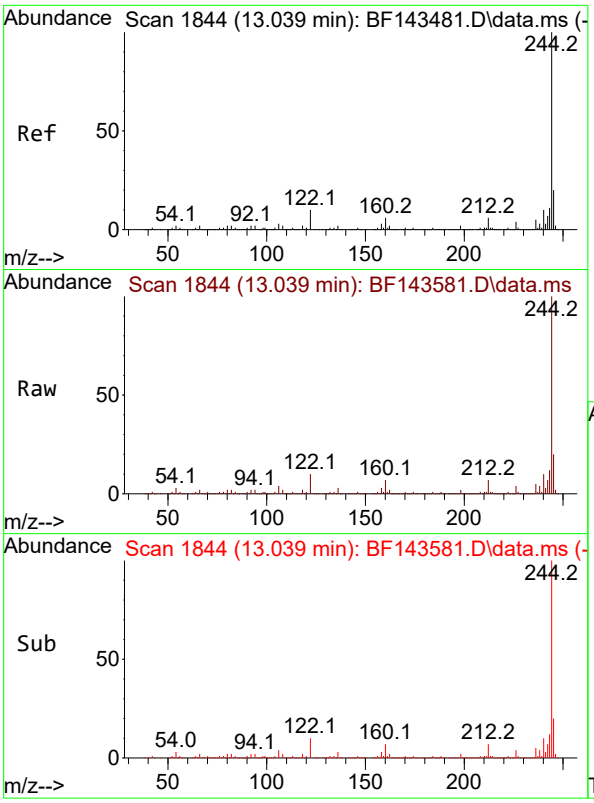


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF143581.D
Acq: 22 Aug 2025 19:21

Tgt Ion:240 Resp: 233264

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.6	12.8
236	25.1	20.4	30.6



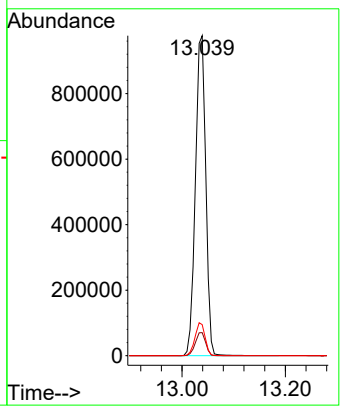


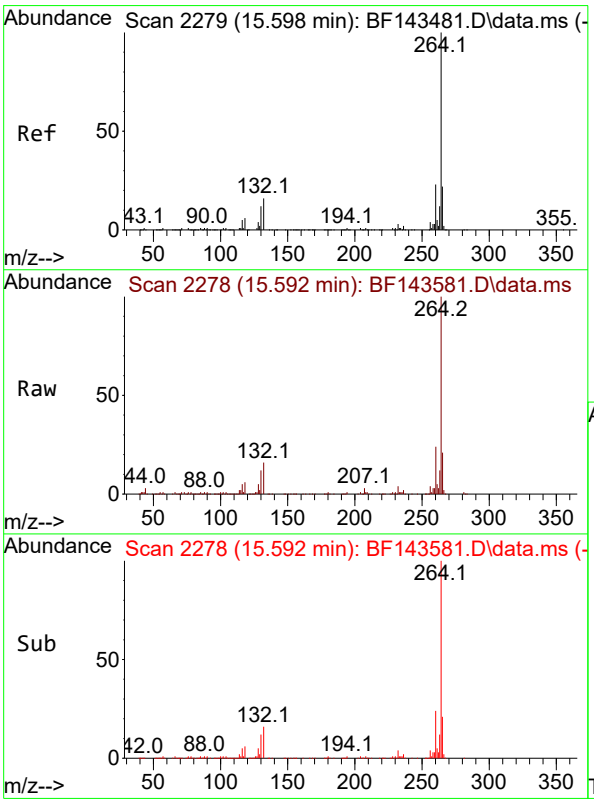
#79
Terphenyl-d14
Concen: 101.651 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143581.D
Acq: 22 Aug 2025 19:21

Instrument :
BNA_F
ClientSampleId :
MW-10C-082025

Tgt Ion:244 Resp: 1358796

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.2	7.8
122	9.7	7.9	11.9

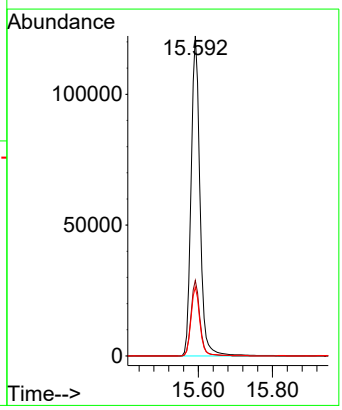




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF143581.D
Acq: 22 Aug 2025 19:21

Tgt Ion:264 Resp: 203920

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.5	17.6	26.4



Sample Results: **BF143581.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143581.D
Acq On : 22 Aug 2025 19:21
Operator : RC/JU
Sample : Q2924-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-10C-082025

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143581.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.252	3	10	19	rVB	1718291	2817407	69.54%	11.885%
2	4.687	418	424	437	rBV	273310	379080	9.36%	1.599%
3	5.151	494	503	516	rBV2	109310	177976	4.39%	0.751%
4	5.557	567	572	601	rBV	995206	1364186	33.67%	5.755%
5	6.557	737	742	763	rBV	658226	874749	21.59%	3.690%
6	6.922	799	804	812	rBV	525426	645727	15.94%	2.724%
7	7.486	893	900	905	rBV	1536208	2146129	52.97%	9.053%
8	7.610	914	921	938	rVB	110253	227550	5.62%	0.960%
9	8.204	1017	1022	1039	rVB	686788	867232	21.41%	3.658%
10	9.280	1198	1205	1210	rBV	3070457	4051332	100.00%	17.090%
11	9.963	1315	1321	1330	rBV	848993	1067756	26.36%	4.504%
12	10.675	1437	1442	1449	rBV	79626	99598	2.46%	0.420%
13	10.757	1449	1456	1471	rBV	1921837	2719771	67.13%	11.473%
14	11.451	1569	1574	1581	rBV	850175	1073815	26.51%	4.530%
15	11.974	1658	1663	1677	rBV2	48157	103781	2.56%	0.438%
16	12.680	1778	1783	1792	rBV	41352	85867	2.12%	0.362%
17	13.039	1837	1844	1849	rBV	2654301	3716949	91.75%	15.680%
18	13.933	1992	1996	2012	rVB6	14672	42189	1.04%	0.178%
19	14.092	2018	2023	2033	rVB	471644	619375	15.29%	2.613%
20	14.710	2124	2128	2133	rBV	57701	77452	1.91%	0.327%
21	15.592	2272	2278	2288	rBV	331605	547409	13.51%	2.309%

Sum of corrected areas: 23705330

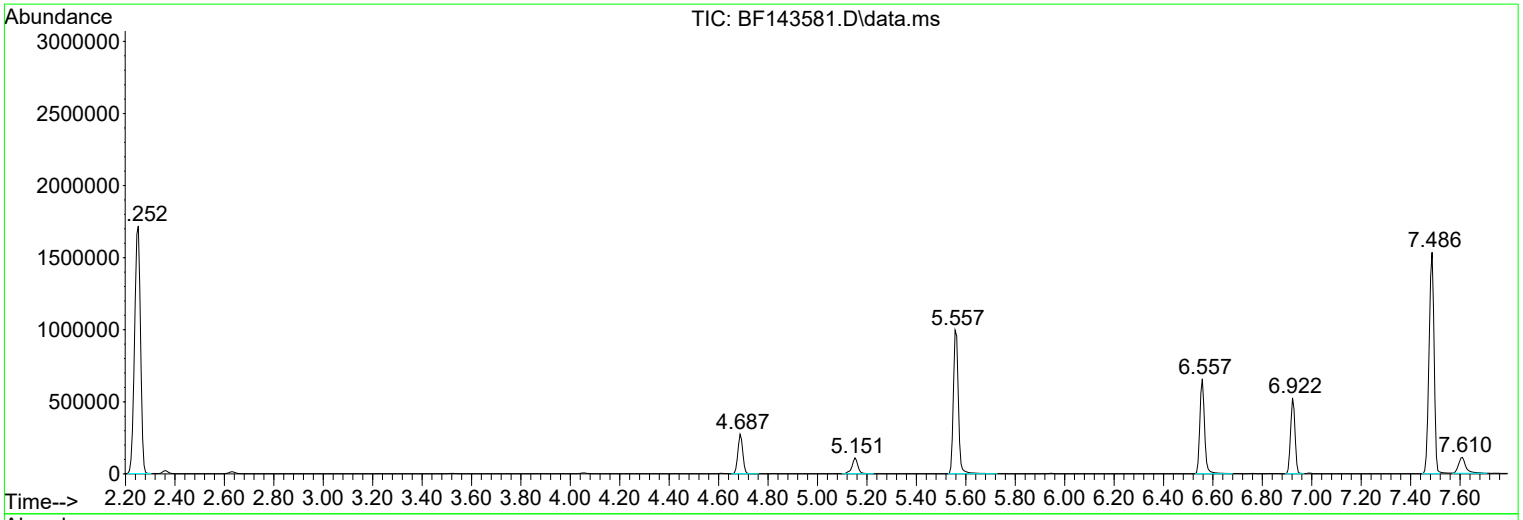
Sample Results: **BF143581.D**

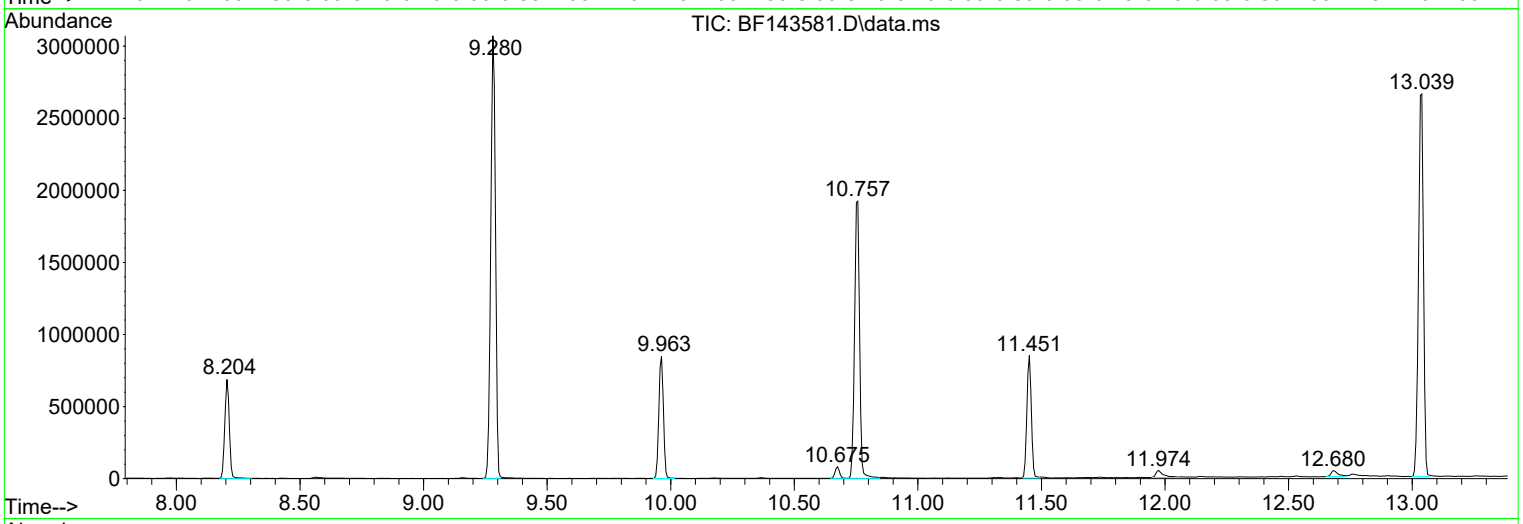
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143581.D
Acq On : 22 Aug 2025 19:21
Operator : RC/JU
Sample : Q2924-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

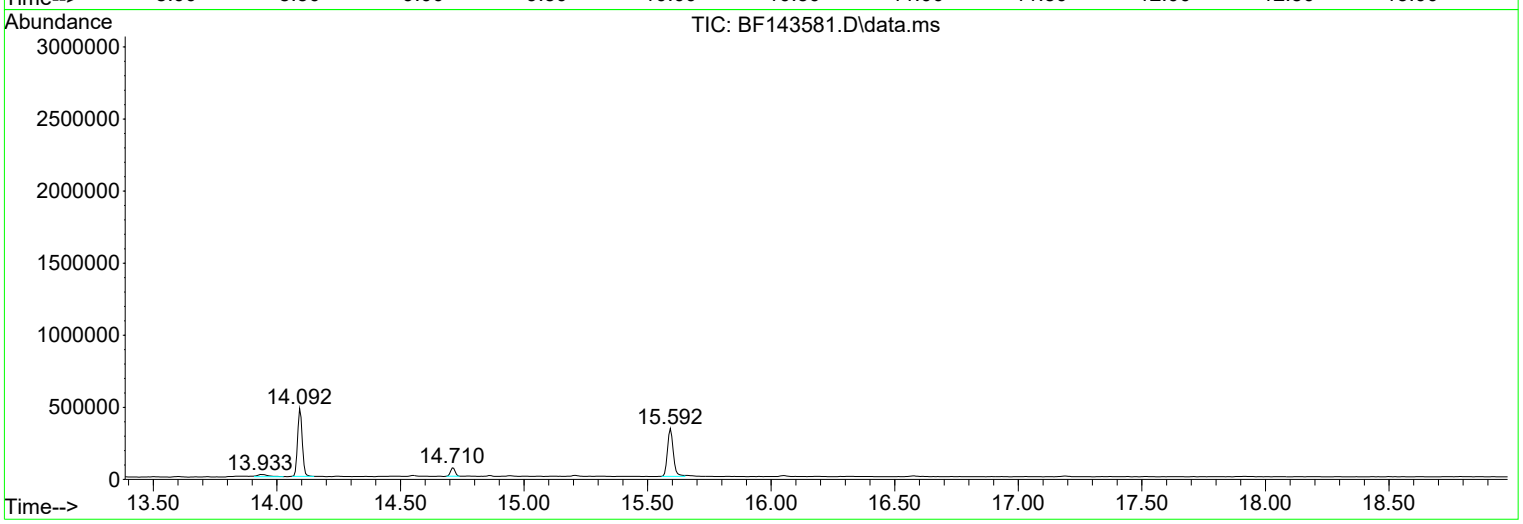
Instrument :
BNA_F
ClientSampleId :
MW-10C-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143581.D
Acq On : 22 Aug 2025 19:21
Operator : RC/JU
Sample : Q2924-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-10C-082025

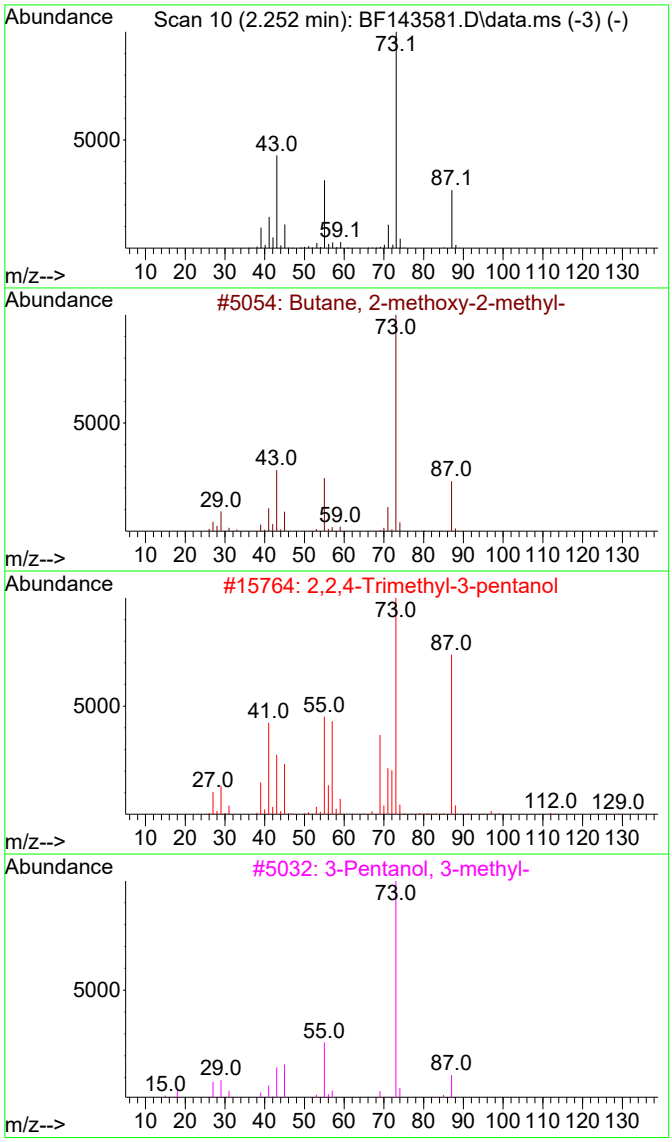
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

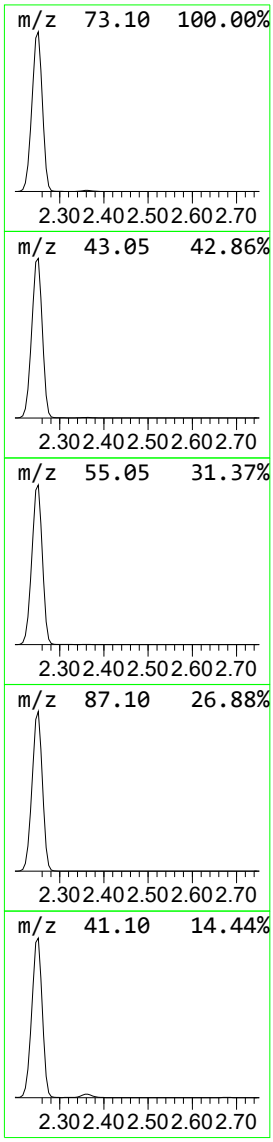
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.252	87.26 ng	2817410	1,4-Dichlorobenzene-d4	6.922

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	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143581.D
Acq On : 22 Aug 2025 19:21
Operator : RC/JU
Sample : Q2924-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-10C-082025

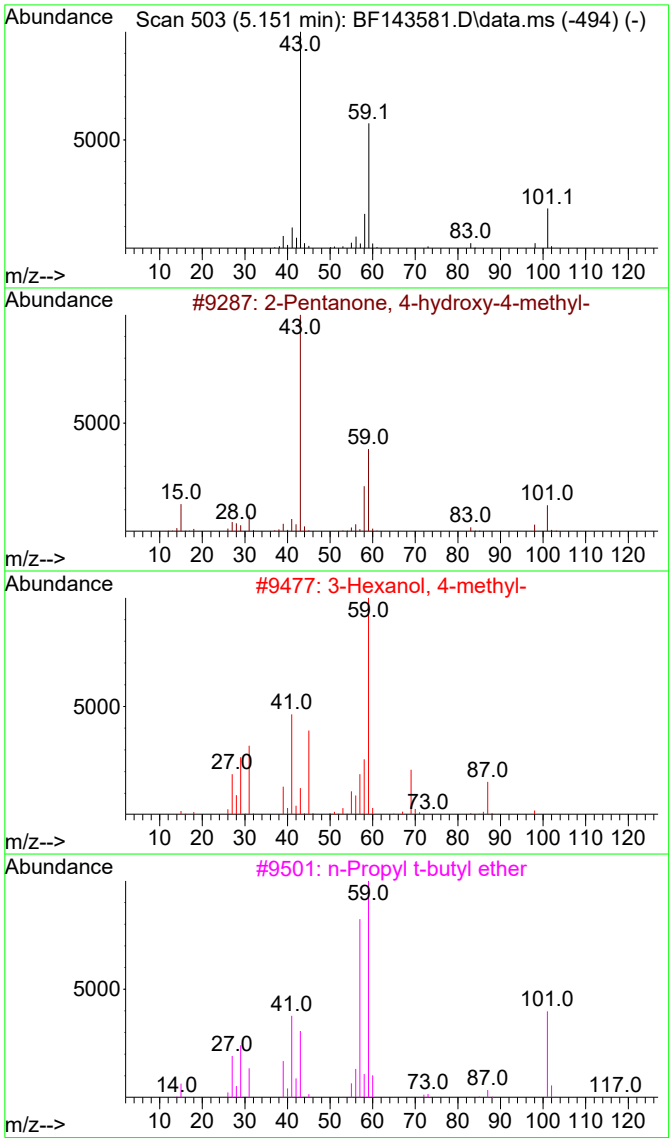
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

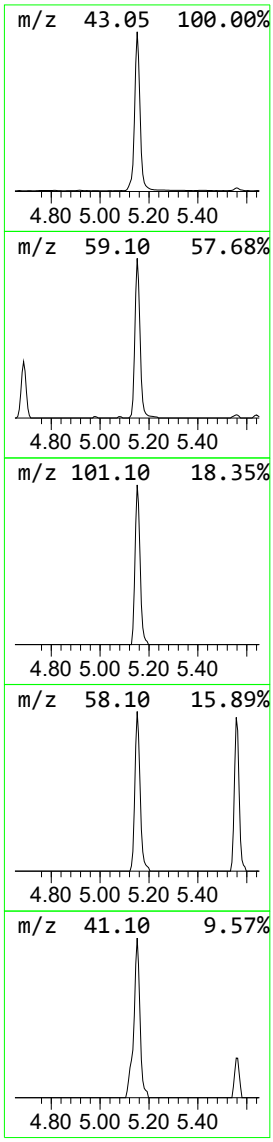
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.151	5.51 ng	177976	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





Sample Results: **BF143581.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143581.D
Acq On : 22 Aug 2025 19:21
Operator : RC/JU
Sample : Q2924-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-10C-082025

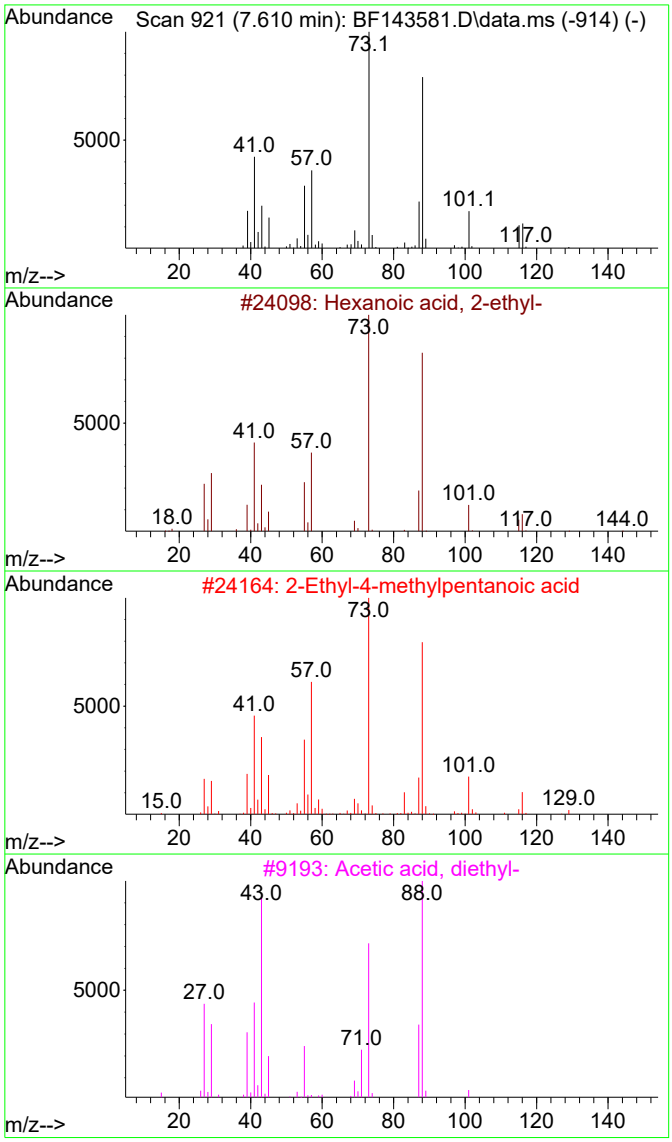
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

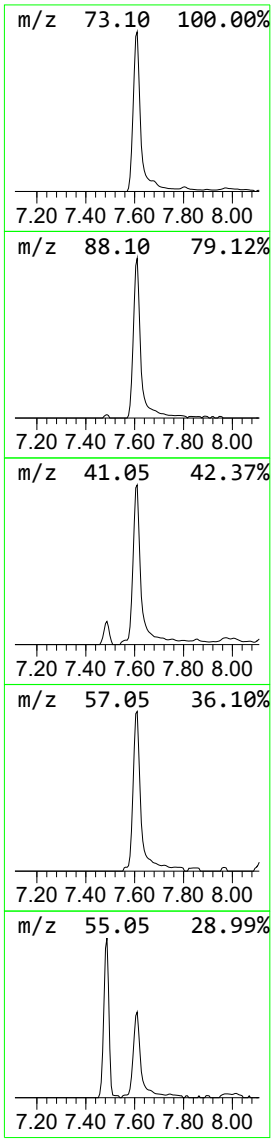
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.610	5.25 ng	227550	Naphthalene-d8	8.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	2-Ethyl-4-methylpentanoic acid	144	C8H16O2	000108-81-6	45
3	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	45
4	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	42
5	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143581.D
Acq On : 22 Aug 2025 19:21
Operator : RC/JU
Sample : Q2924-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-10C-082025

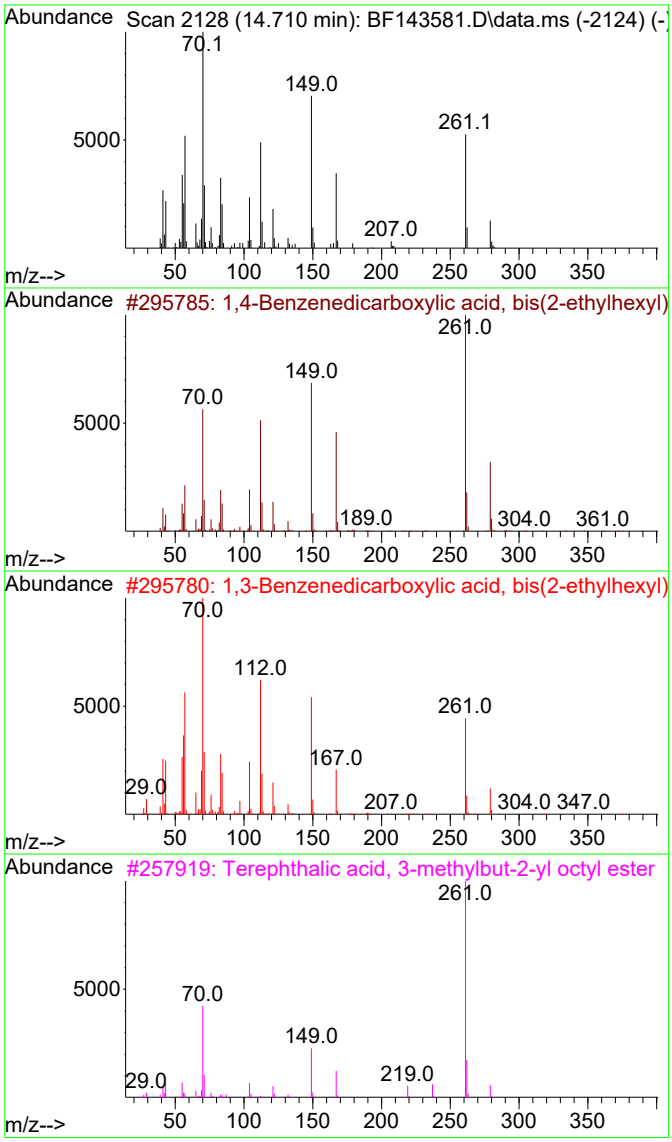
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

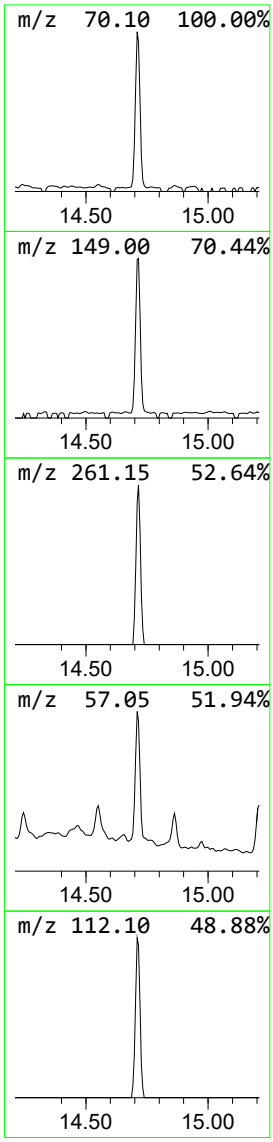
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,4-Benzenedicarboxylic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.710	2.50 ng	77452	Chrysene-d12	14.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	91
2	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	83
3	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	59
4	Cyclohexaneamine, N-but-2-enylid...	167	C10H17NO	068048-01-1	27
5	Isophthalic acid, octyl 1-propyl...	376	C23H36O4	1000356-40-3	22





Sample Results: **BF143581.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143581.D
Acq On : 22 Aug 2025 19:21
Operator : RC/JU
Sample : Q2924-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-10C-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.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...	2.252	87.3	ng	2817410	1	6.922	645727	20.0
2-Pentanone, 4-...	5.151	5.5	ng	177976	1	6.922	645727	20.0
Hexanoic acid, ...	7.610	5.3	ng	227550	2	8.204	867232	20.0
1,4-Benzenedica...	14.710	2.5	ng	77452	5	14.092	619375	20.0

Raw Data: **BP025601.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025601.D	1	08/22/25 10:34	08/27/25 13:37	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.5	U	4.10	10.5	ug/L
108-95-2	Phenol	5.30	U	0.96	5.30	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.30	U	0.85	5.30	ug/L
95-57-8	2-Chlorophenol	5.30	U	0.61	5.30	ug/L
95-48-7	2-Methylphenol	5.30	U	1.20	5.30	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.30	U	1.30	5.30	ug/L
98-86-2	Acetophenone	5.30	U	0.78	5.30	ug/L
65794-96-9	3+4-Methylphenols	10.0	J	1.20	10.5	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.60	U	1.50	2.60	ug/L
67-72-1	Hexachloroethane	5.30	U	0.68	5.30	ug/L
98-95-3	Nitrobenzene	5.30	U	0.80	5.30	ug/L
78-59-1	Isophorone	5.30	U	0.79	5.30	ug/L
88-75-5	2-Nitrophenol	5.30	U	1.90	5.30	ug/L
105-67-9	2,4-Dimethylphenol	5.30	U	1.90	5.30	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.30	U	0.72	5.30	ug/L
120-83-2	2,4-Dichlorophenol	5.30	U	0.55	5.30	ug/L
91-20-3	Naphthalene	3100	E	0.53	5.30	ug/L
106-47-8	4-Chloroaniline	5.30	U	0.88	5.30	ug/L
87-68-3	Hexachlorobutadiene	5.30	U	0.57	5.30	ug/L
105-60-2	Caprolactam	10.5	U	1.20	10.5	ug/L
59-50-7	4-Chloro-3-methylphenol	5.30	U	0.62	5.30	ug/L
91-57-6	2-Methylnaphthalene	920	E	0.59	5.30	ug/L
77-47-4	Hexachlorocyclopentadiene	10.5	U	3.80	10.5	ug/L
88-06-2	2,4,6-Trichlorophenol	5.30	U	0.54	5.30	ug/L
95-95-4	2,4,5-Trichlorophenol	5.30	U	0.65	5.30	ug/L
92-52-4	1,1-Biphenyl	26.0		0.56	5.30	ug/L
91-58-7	2-Chloronaphthalene	5.30	U	0.64	5.30	ug/L
88-74-4	2-Nitroaniline	5.30	U	1.30	5.30	ug/L
131-11-3	Dimethylphthalate	5.30	U	0.64	5.30	ug/L

Raw Data: **BP025601.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025601.D	1	08/22/25 10:34	08/27/25 13:37	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	160	E	0.79	5.30	ug/L
606-20-2	2,6-Dinitrotoluene	5.30	U	0.97	5.30	ug/L
99-09-2	3-Nitroaniline	5.30	U	1.10	5.30	ug/L
83-32-9	Acenaphthene	8.70		0.58	5.30	ug/L
51-28-5	2,4-Dinitrophenol	10.5	U	6.30	10.5	ug/L
100-02-7	4-Nitrophenol	10.5	U	2.50	10.5	ug/L
132-64-9	Dibenzofuran	4.00	J	0.64	5.30	ug/L
121-14-2	2,4-Dinitrotoluene	5.30	U	1.30	5.30	ug/L
84-66-2	Diethylphthalate	2.10	J	0.73	5.30	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.30	U	0.72	5.30	ug/L
86-73-7	Fluorene	27.4		0.66	5.30	ug/L
100-01-6	4-Nitroaniline	5.30	U	1.60	5.30	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.5	U	3.00	10.5	ug/L
86-30-6	n-Nitrosodiphenylamine	5.30	U	0.61	5.30	ug/L
101-55-3	4-Bromophenyl-phenylether	5.30	U	0.42	5.30	ug/L
118-74-1	Hexachlorobenzene	5.30	U	0.55	5.30	ug/L
1912-24-9	Atrazine	5.30	U	1.10	5.30	ug/L
87-86-5	Pentachlorophenol	10.5	U	1.70	10.5	ug/L
85-01-8	Phenanthrene	29.6		0.53	5.30	ug/L
120-12-7	Anthracene	6.10		0.64	5.30	ug/L
86-74-8	Carbazole	13.8		0.76	5.30	ug/L
84-74-2	Di-n-butylphthalate	2.70	J	1.30	5.30	ug/L
206-44-0	Fluoranthene	2.30	J	0.86	5.30	ug/L
129-00-0	Pyrene	3.00	J	0.53	5.30	ug/L
85-68-7	Butylbenzylphthalate	5.30	U	2.00	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	10.5	U	0.98	10.5	ug/L
56-55-3	Benzo(a)anthracene	5.30	U	0.47	5.30	ug/L
218-01-9	Chrysene	5.30	U	0.46	5.30	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.30	U	1.70	5.30	ug/L
117-84-0	Di-n-octyl phthalate	10.5	U	2.50	10.5	ug/L
205-99-2	Benzo(b)fluoranthene	5.30	U	0.52	5.30	ug/L

Raw Data: **BP025601.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025601.D	1	08/22/25 10:34	08/27/25 13:37	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.30	U	0.51	5.30	ug/L
50-32-8	Benzo(a)pyrene	5.30	U	0.58	5.30	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.30	U	0.62	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.30	U	0.71	5.30	ug/L
191-24-2	Benzo(g,h,i)perylene	5.30	U	0.73	5.30	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.30	U	0.55	5.30	ug/L
123-91-1	1,4-Dioxane	5.30	U	1.10	5.30	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.30	U	0.76	5.30	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	65.2		23 - 138	43%	SPK: 150
13127-88-3	Phenol-d6	38.7		10 - 134	26%	SPK: 150
4165-60-0	Nitrobenzene-d5	171	*	67 - 132	171%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.8		52 - 132	79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	136		44 - 137	91%	SPK: 150
1718-51-0	Terphenyl-d14	74.0		42 - 152	74%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	185000	7.778			
1146-65-2	Naphthalene-d8	347000	10.566			
15067-26-2	Acenaphthene-d10	427000	14.389			
1517-22-2	Phenanthrene-d10	843000	17.195			
1719-03-5	Chrysene-d12	909000	21.636			
1520-96-3	Perylene-d12	1060000	25.001			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	11.5	J		3.03	ug/L
000616-44-4	Thiophene, 3-methyl-	4.60	J		4.19	ug/L
000106-42-3	p-Xylene	160	J		5.47	ug/L
000620-14-4	Benzene, 1-ethyl-3-methyl-	12.8	J		6.88	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	5.30	J		7.18	ug/L
000098-83-9	.alpha.-Methylstyrene	11.1	J		7.21	ug/L
	unknown7.449	99.8	J		7.45	ug/L

Raw Data: **BP025601.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025601.D	1	08/22/25 10:34	08/27/25 13:37	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
	unknown7.525	31.2	J		7.53	ug/L
000637-50-3	Benzene, 1-propenyl-	9.50	J		7.96	ug/L
000496-11-7	Indane	12.7	J		8.15	ug/L
	unknown8.372	310	J		8.37	ug/L
000768-49-0	Benzene, (2-methyl-1-propenyl)-	7.90	J		9.03	ug/L
000275-51-4	Azulene	21.1	J		10.7	ug/L
90-12-0	1-Methylnaphthalene	600	J		12.4	ug/L
000575-37-1	Naphthalene, 1,7-dimethyl-	4.60	J		13.6	ug/L
000575-41-7	Naphthalene, 1,3-dimethyl-	5.90	J		13.7	ug/L
003770-48-7	4-Methylcarbazole	16.2	J		18.1	ug/L

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: **BP025601.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025601.D
Acq On : 27 Aug 2025 13:37
Operator : CG/JU
Sample : Q2924-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 27 14:55:28 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 :
MW-201-082025

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.778	152	185057	20.000	ng		-0.02
21) Naphthalene-d8	10.566	136	347077m	20.000	ng		0.00
39) Acenaphthene-d10	14.389	164	427017	20.000	ng		-0.02
64) Phenanthrene-d10	17.195	188	842894	20.000	ng		0.00
76) Chrysene-d12	21.636	240	908516	20.000	ng		-0.01
86) Perylene-d12	25.001	264	1056970	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.413	112	726325	65.180	ng		0.00
7) Phenol-d6	6.972	99	552294	38.658	ng		0.00
23) Nitrobenzene-d5	8.925	82	1173171	170.986	ng		-0.01
42) 2,4,6-Tribromophenol	15.907	330	784050	136.411	ng		0.00
45) 2-Fluorobiphenyl	13.001	172	2460938	78.763	ng		-0.02
79) Terphenyl-d14	19.913	244	3677080	74.049	ng		0.00
Target Compounds							Qvalue
20) 3+4-Methylphenols	8.543	107	137277	9.512	ng		95
31) Naphthalene	10.607	128	53755684m	2979.886	ng		
37) 2-Methylnaphthalene	12.219	142	10214822	870.117	ng		97
38) 1-Methylnaphthalene	12.431	142	7169662	574.282	ng		100
46) 1,1'-Biphenyl	13.213	154	766428	24.714	ng		99
49) Acenaphthylene	14.113	152	6233315	156.029	ng		99
52) Acenaphthene	14.454	154	194323	8.287	ng		98
55) Dibenzofuran	14.795	168	141629	3.820	ng	#	96
58) Fluorene	15.454	166	761442	26.029	ng		99
60) Diethylphthalate	15.225	149	64135	2.019	ng	#	91
71) Phenanthrene	17.242	178	1301280	28.104	ng		98
72) Anthracene	17.336	178	274266	5.800	ng		99
73) Carbazole	17.613	167	585677	13.150	ng		99
74) Di-n-butylphthalate	18.201	149	138046	2.519	ng		99
75) Fluoranthene	19.319	202	119116	2.157	ng		99
78) Pyrene	19.695	202	167520	2.837	ng		99

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

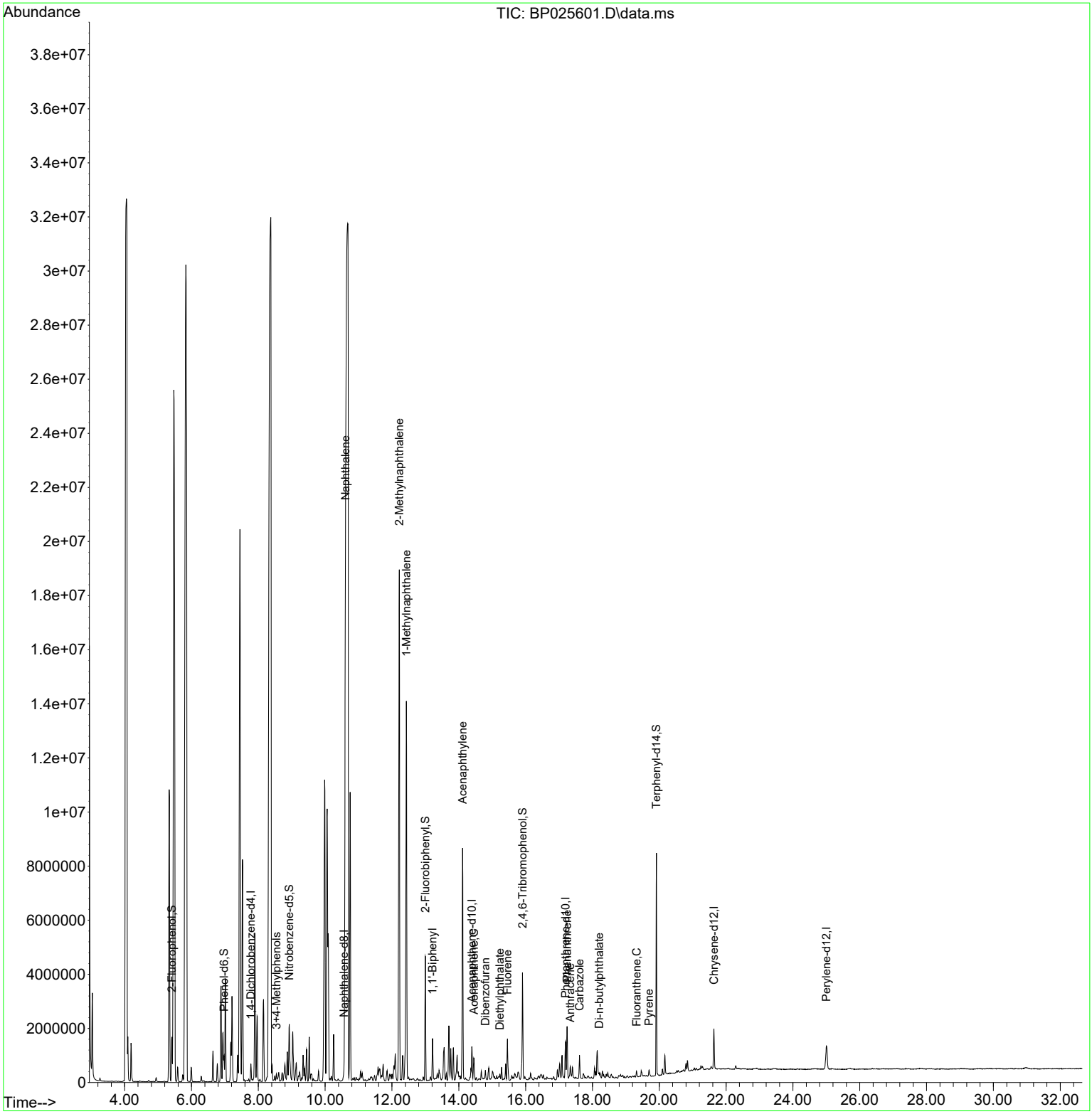
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025601.D
Acq On : 27 Aug 2025 13:37
Operator : CG/JU
Sample : Q2924-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

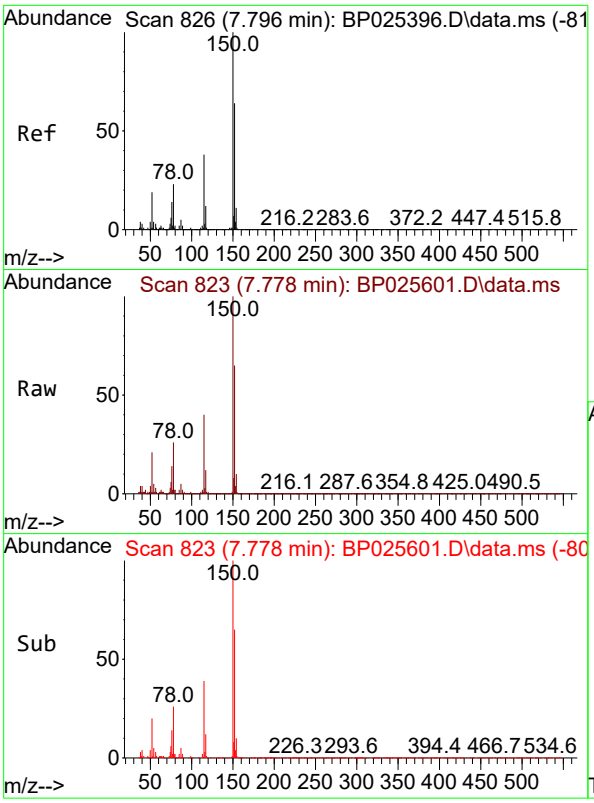
Quant Time: Aug 27 14:55:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MW-201-082025

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

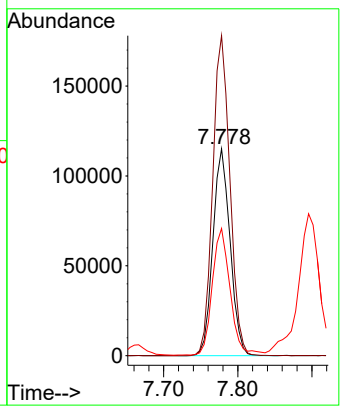




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:152 Resp: 18505

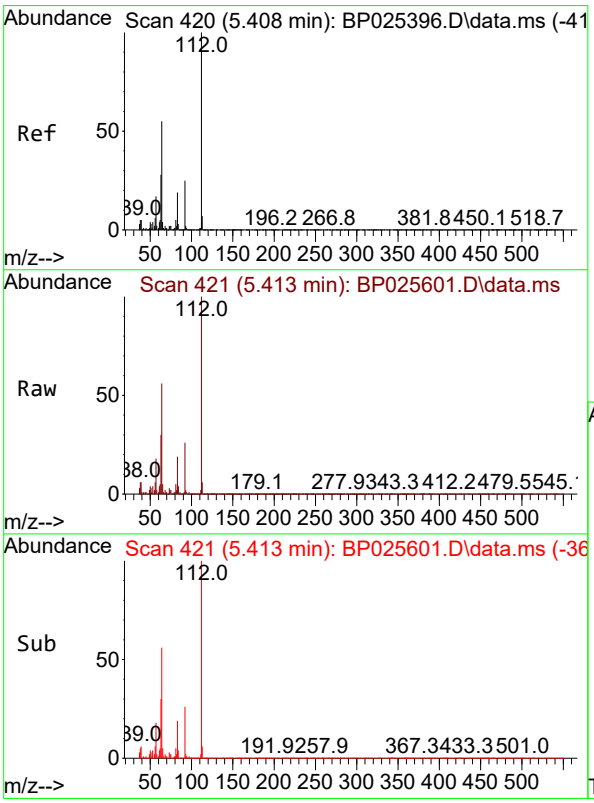
Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.9	188.9
115	61.5	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
MW-201-082025

Manual Integrations
APPROVED

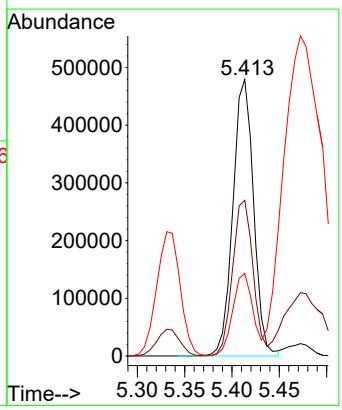
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

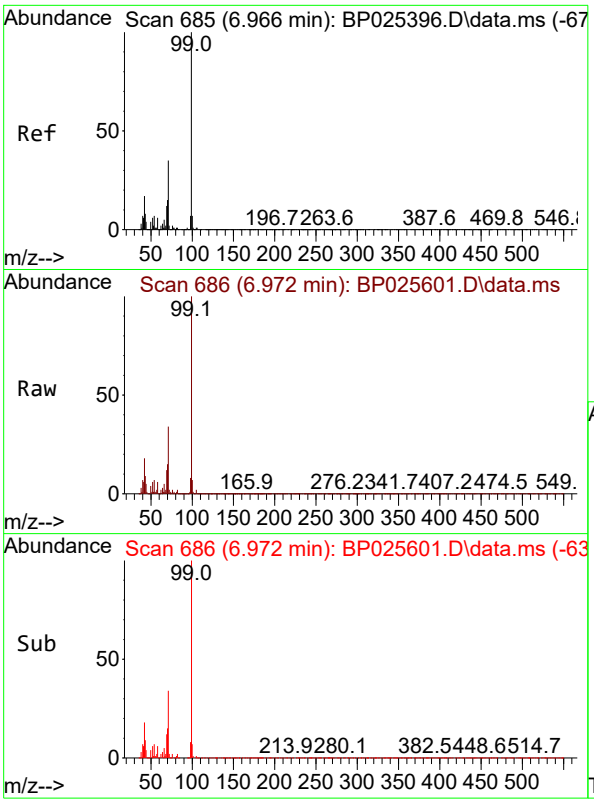


#5
2-Fluorophenol
Concen: 65.180 ng
RT: 5.413 min Scan# 421
Delta R.T. 0.006 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:112 Resp: 726325

Ion	Ratio	Lower	Upper
112	100		
64	56.3	43.8	65.8
63	29.8	22.7	34.1

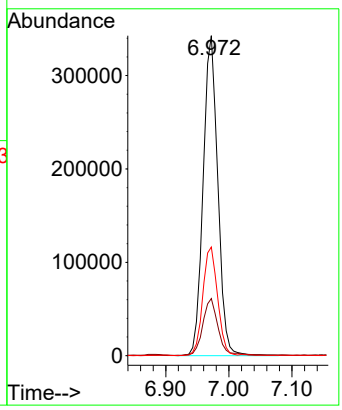




#7
Phenol-d6
Concen: 38.658 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion: 99 Resp: 55229

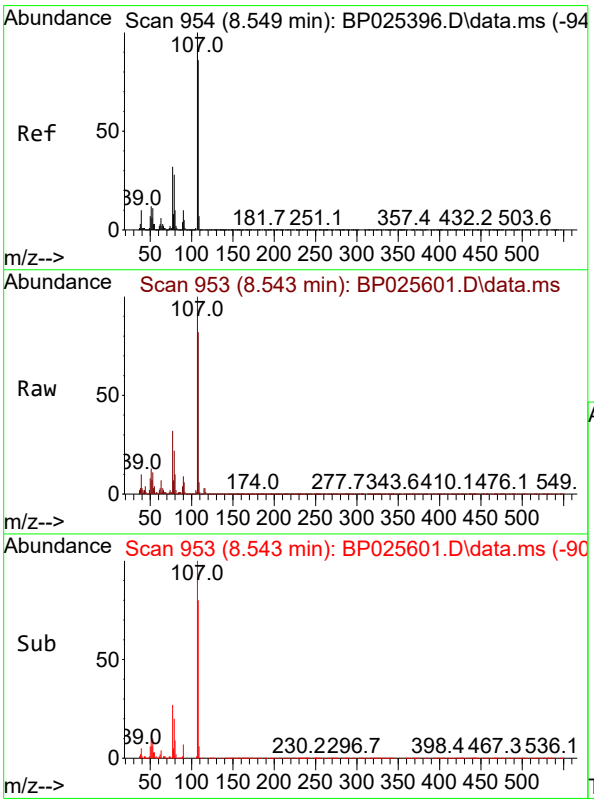
Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.7	20.5
71	34.0	28.2	42.4



Instrument :
BNA_P
ClientSampleId :
MW-201-082025

Manual Integrations
APPROVED

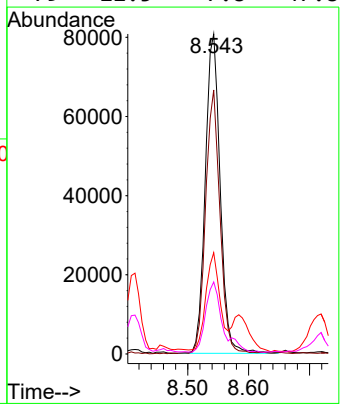
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

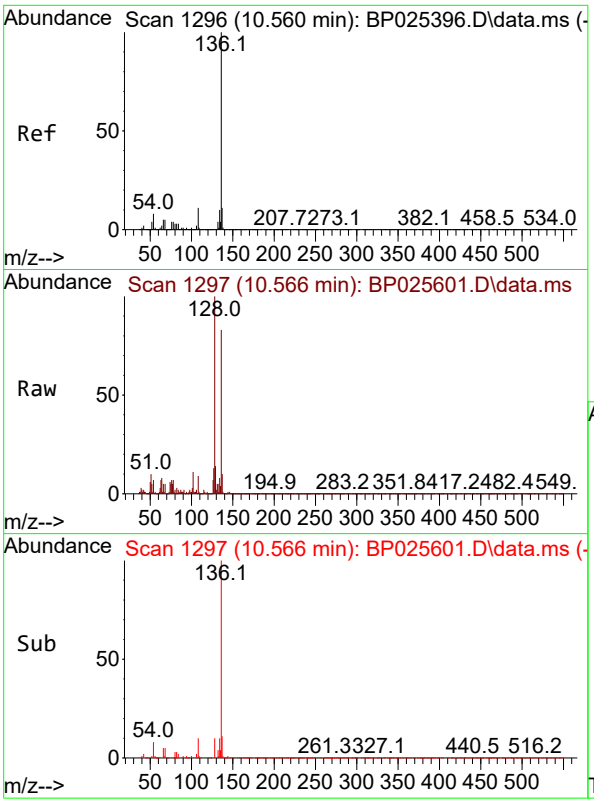


#20
3+4-Methylphenols
Concen: 9.512 ng
RT: 8.543 min Scan# 953
Delta R.T. -0.006 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:107 Resp: 137277

Ion	Ratio	Lower	Upper
107	100		
108	82.5	66.3	106.3
77	31.7	12.3	52.3
79	22.5	7.8	47.8

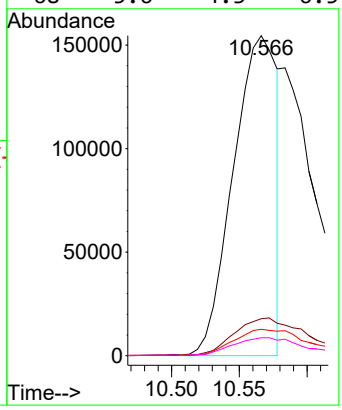




#21
Naphthalene-d8
Concen: 20.000 ng m
RT: 10.566 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:136 Resp: 34707

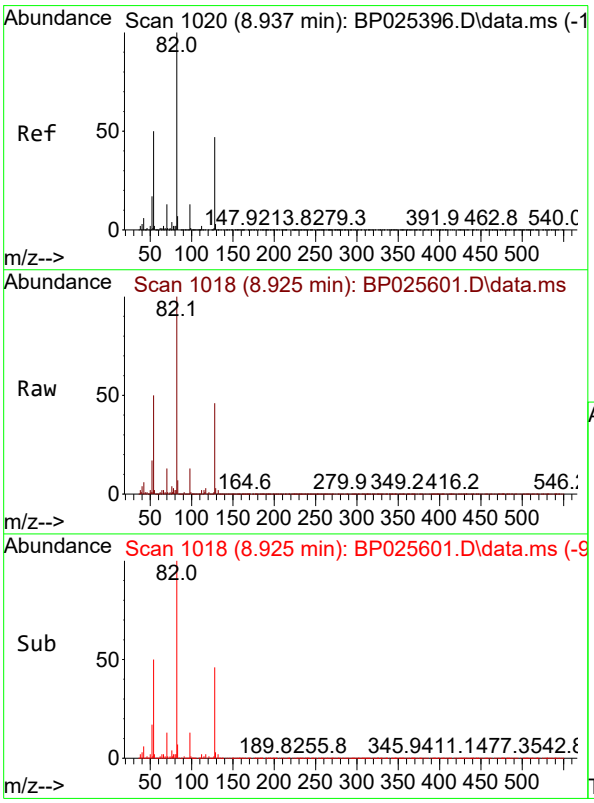
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	8.3	6.0	9.0
68	5.6	4.3	6.5



Instrument :
BNA_P
ClientSampleId :
MW-201-082025

Manual Integrations
APPROVED

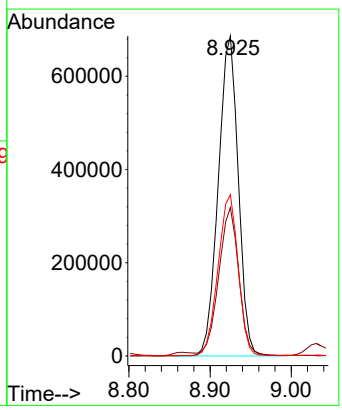
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

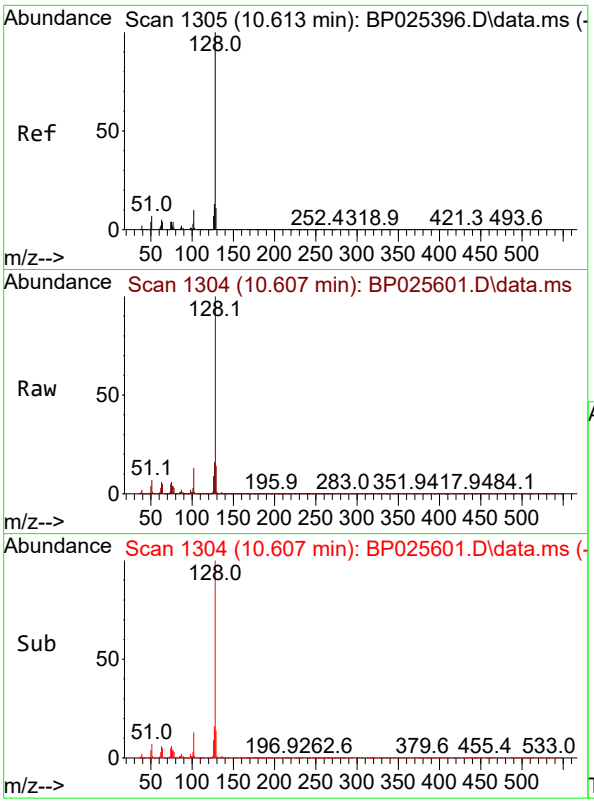


#23
Nitrobenzene-d5
Concen: 170.986 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion: 82 Resp: 1173171

Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.7	56.5
54	50.4	39.8	59.6

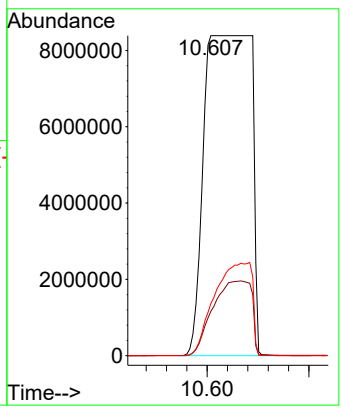




#31
Naphthalene
Concen: 2979.886 ng m
RT: 10.607 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:128 Resp:5375568

Ion	Ratio	Lower	Upper
128	100		
129	13.8	8.6	13.0#
127	16.2	10.7	16.1#



Instrument :
BNA_P
ClientSampleId :
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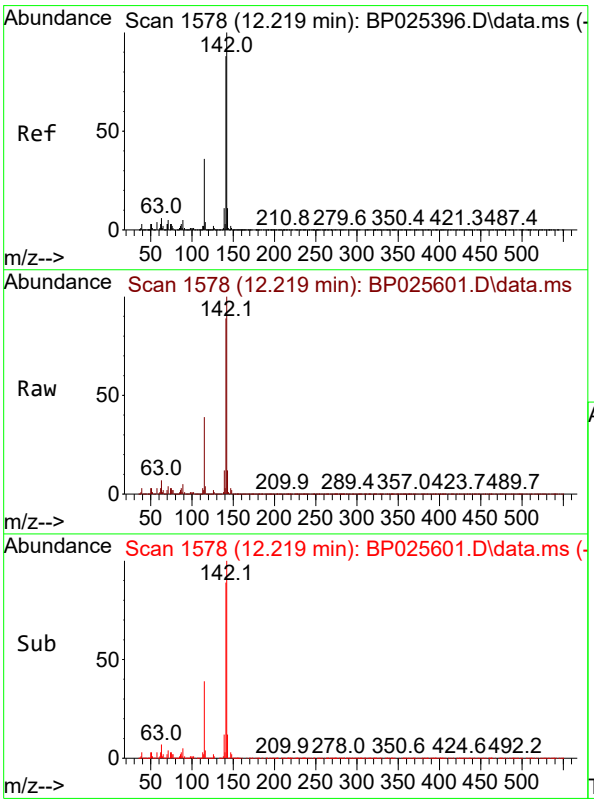
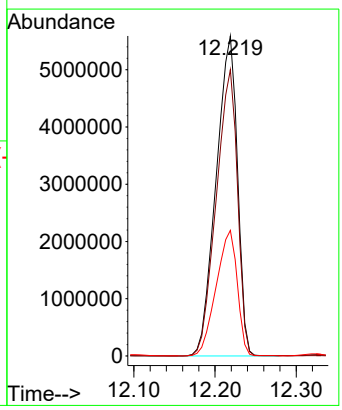
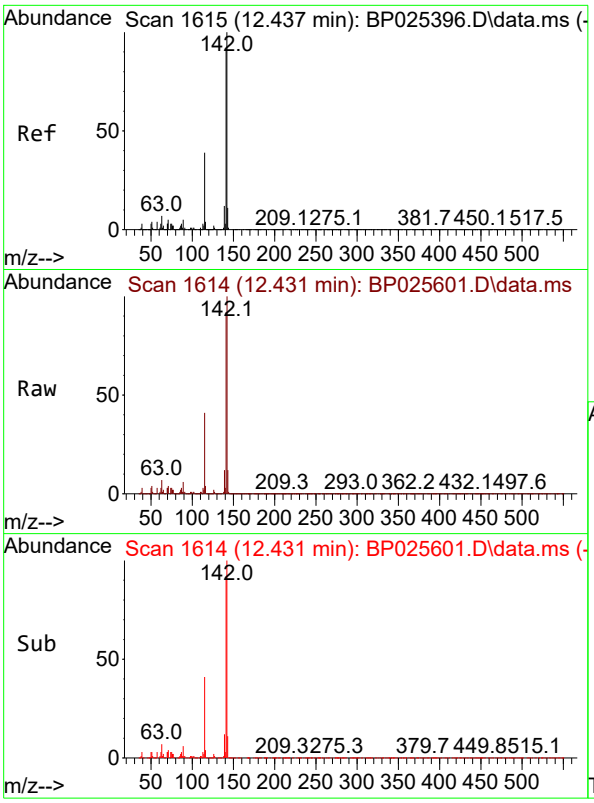


#37
2-Methylnaphthalene
Concen: 870.117 ng
RT: 12.219 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:142 Resp:10214822

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.3	105.5
115	39.2	28.9	43.3

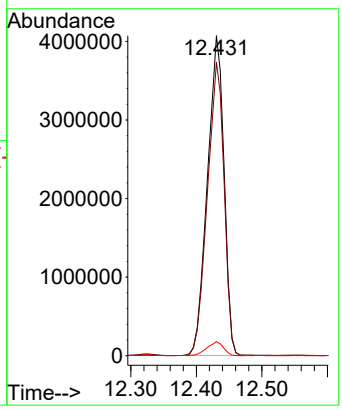




#38
1-Methylnaphthalene
Concen: 574.282 ng
RT: 12.431 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:142 Resp: 716966

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.1	109.7
116	4.4	3.2	4.8



Instrument :
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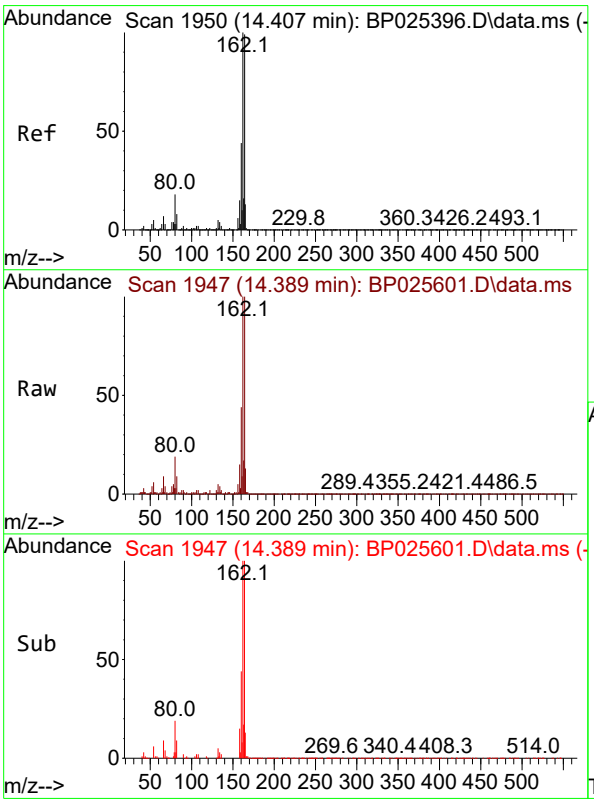
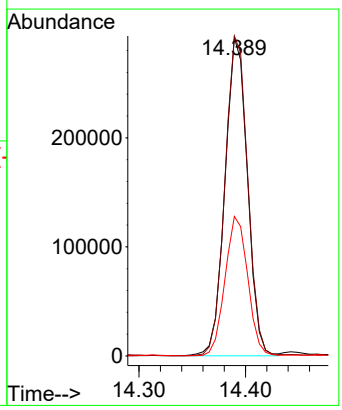
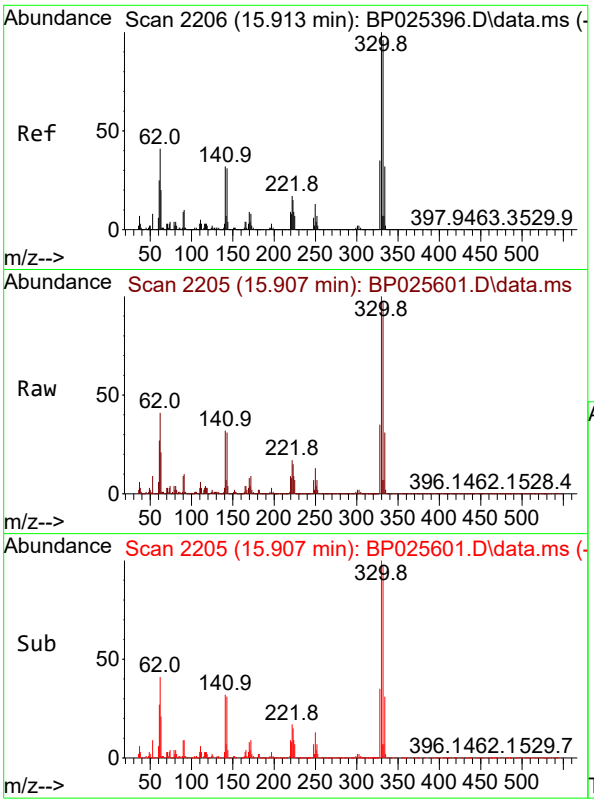


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:164 Resp: 427017

Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.0	121.6
160	43.8	35.4	53.2

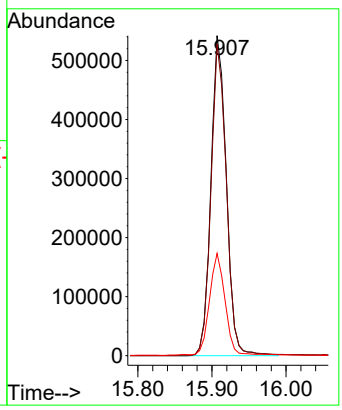




#42
2,4,6-Tribromophenol
Concen: 136.411 ng
RT: 15.907 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:330 Resp: 78405

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.3	115.9
141	32.8	26.6	39.8



Instrument :
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ClientSampleId :
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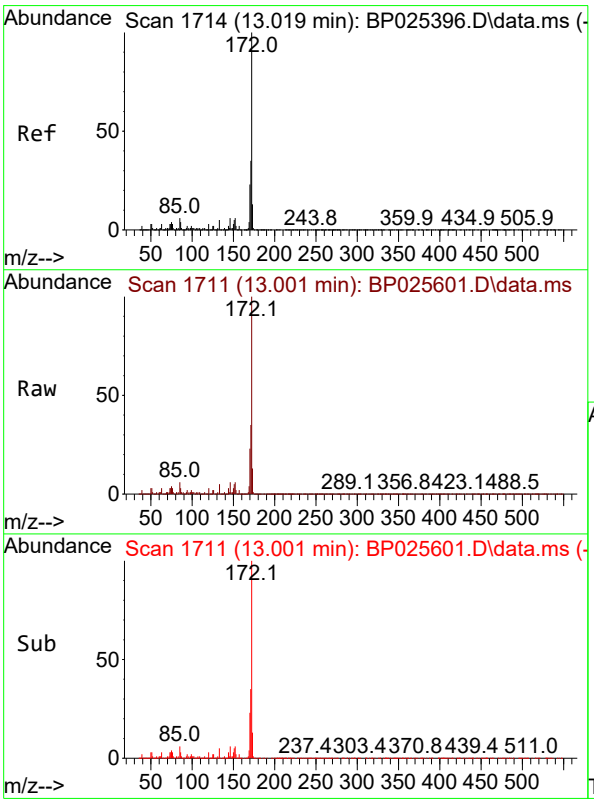
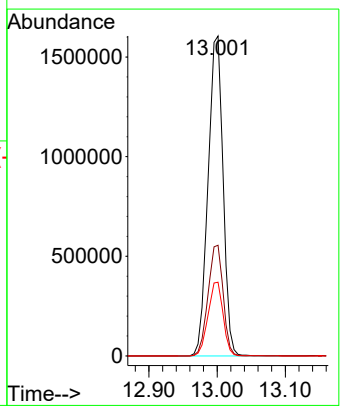
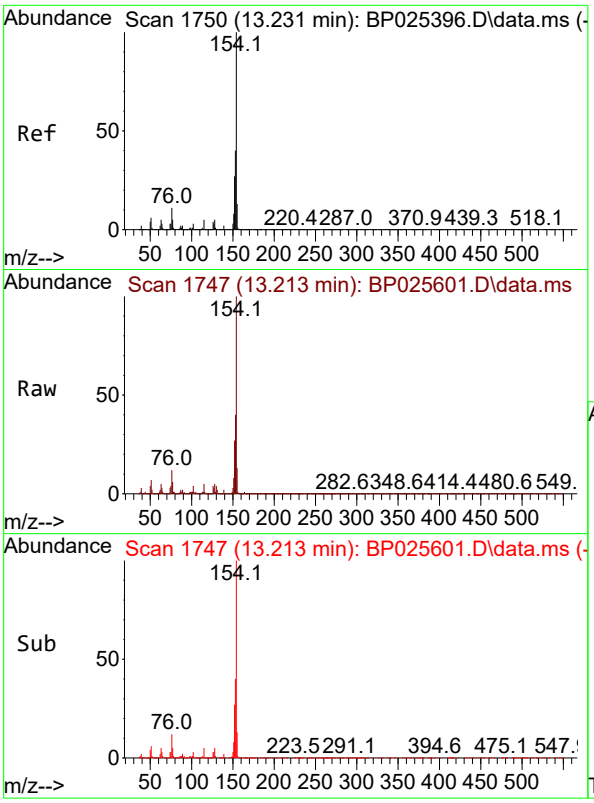


#45
2-Fluorobiphenyl
Concen: 78.763 ng
RT: 13.001 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:172 Resp: 2460938

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.1	42.1
170	23.1	18.6	28.0

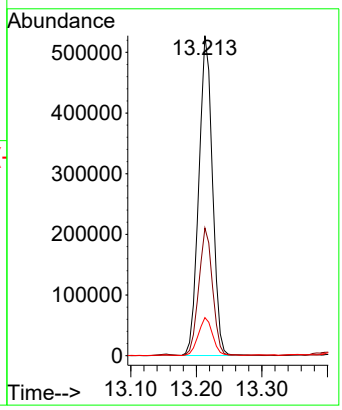




#46
1,1'-Biphenyl
Concen: 24.714 ng
RT: 13.213 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:154 Resp: 76642

Ion	Ratio	Lower	Upper
154	100		
153	39.9	19.5	59.5
76	11.9	0.0	31.1



Instrument :
BNA_P
ClientSampleId :
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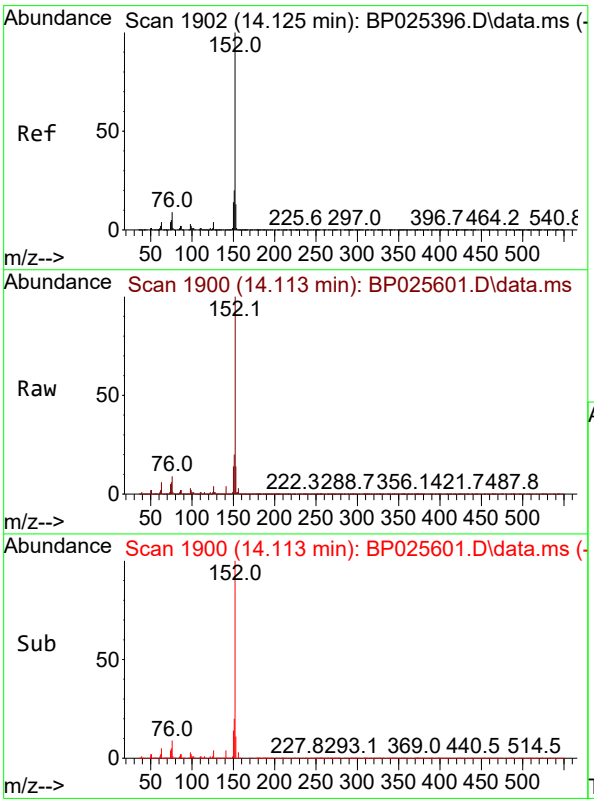
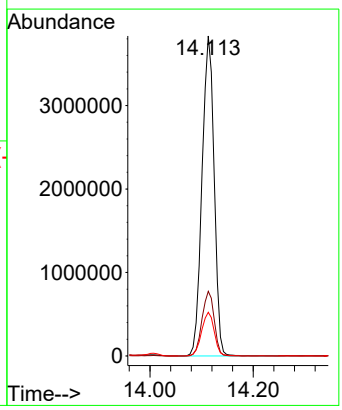
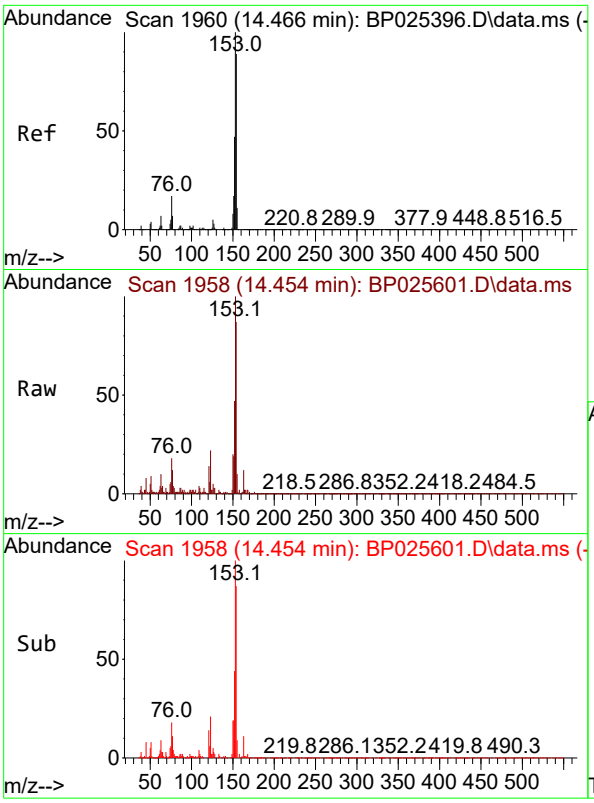


#49
Acenaphthylene
Concen: 156.029 ng
RT: 14.113 min Scan# 1900
Delta R.T. -0.012 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:152 Resp: 6233315

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.0	24.0
153	13.7	10.6	15.8

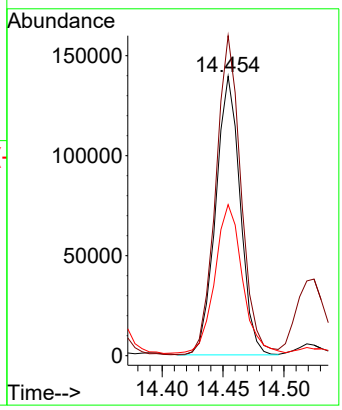




#52
Acenaphthene
Concen: 8.287 ng
RT: 14.454 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:154 Resp: 19432

Ion	Ratio	Lower	Upper
154	100		
153	114.6	90.2	135.2
152	54.1	42.1	63.1



Instrument :
BNA_P
ClientSampleId :
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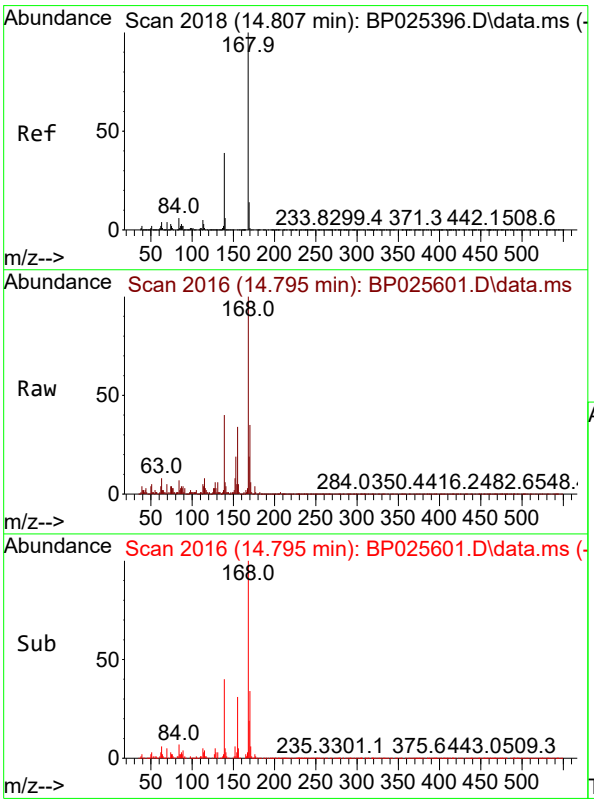
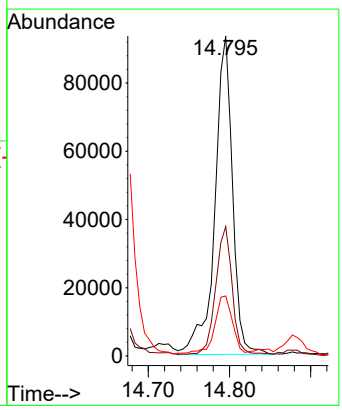
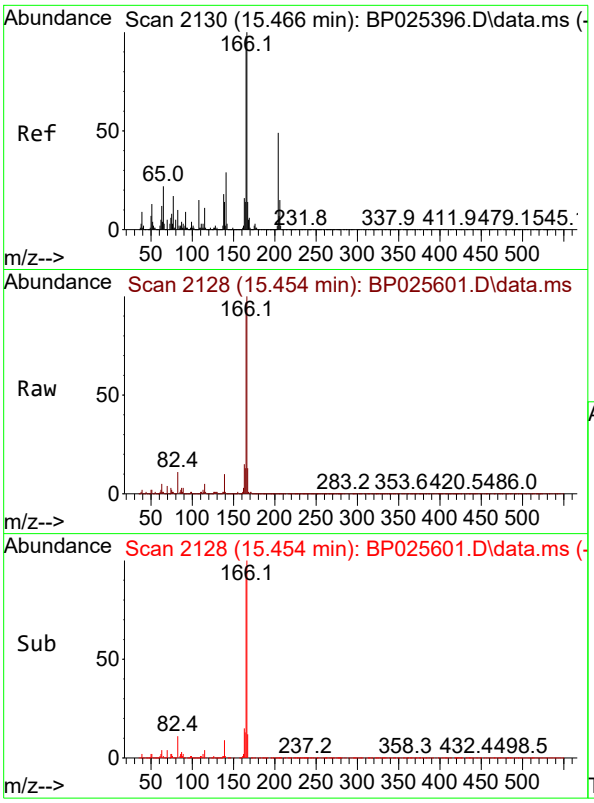


#55
Dibenzofuran
Concen: 3.820 ng
RT: 14.795 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:168 Resp: 141629

Ion	Ratio	Lower	Upper
168	100		
139	40.4	31.5	47.3
169	18.7	10.9	16.3#

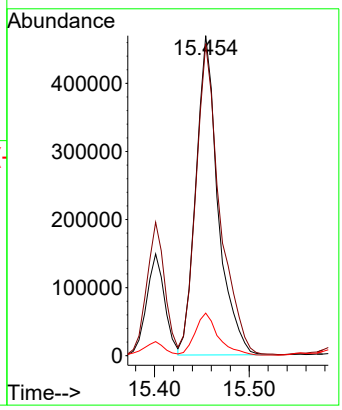




#58
Fluorene
Concen: 26.029 ng
RT: 15.454 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:166 Resp: 76144

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.8	118.2
167	13.3	11.0	16.4



Instrument :
BNA_P
ClientSampleId :
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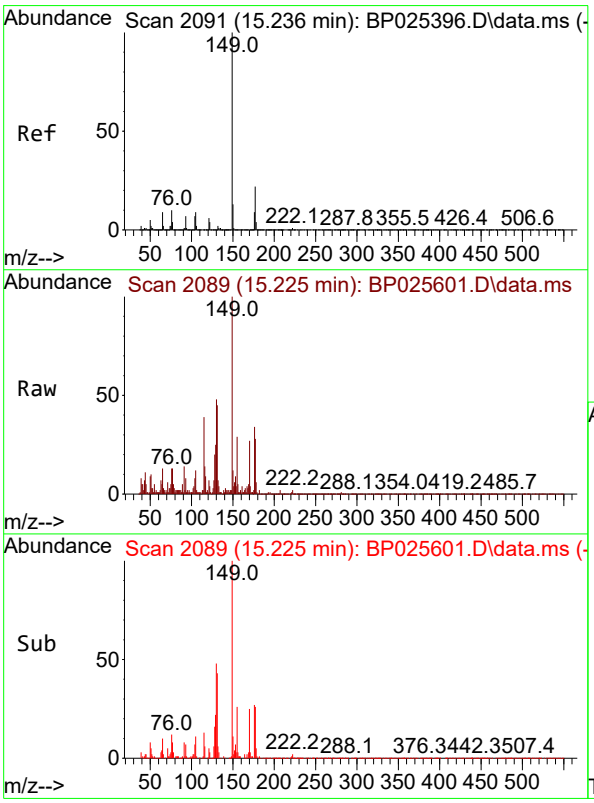
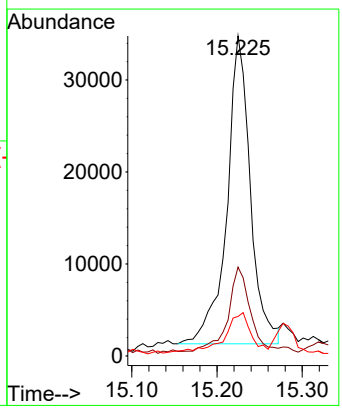
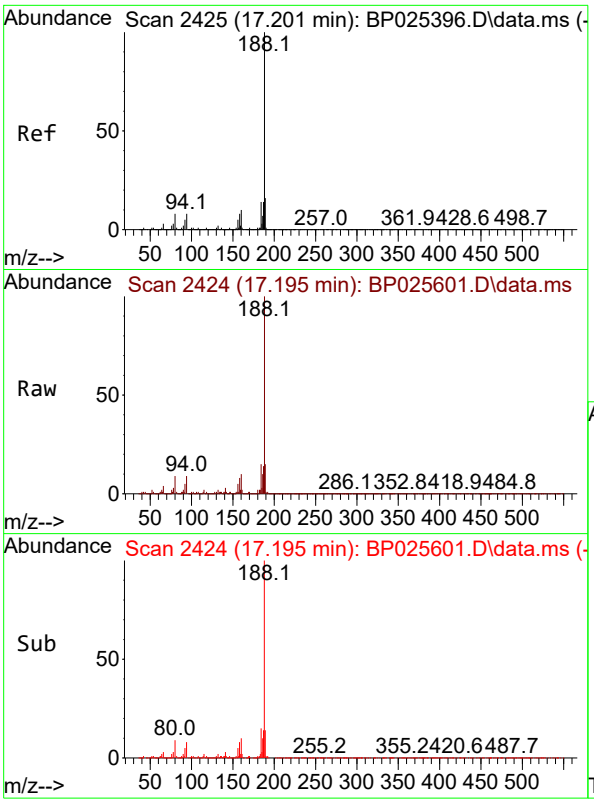


#60
Diethylphthalate
Concen: 2.019 ng
RT: 15.225 min Scan# 2089
Delta R.T. -0.012 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:149 Resp: 64135

Ion	Ratio	Lower	Upper
149	100		
177	27.7	17.3	25.9#
150	12.3	10.3	15.5

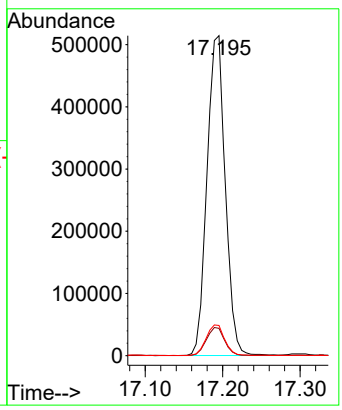




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:188 Resp: 84289

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.6	10.0
80	9.4	6.7	10.1



Instrument :
BNA_P
ClientSampleId :
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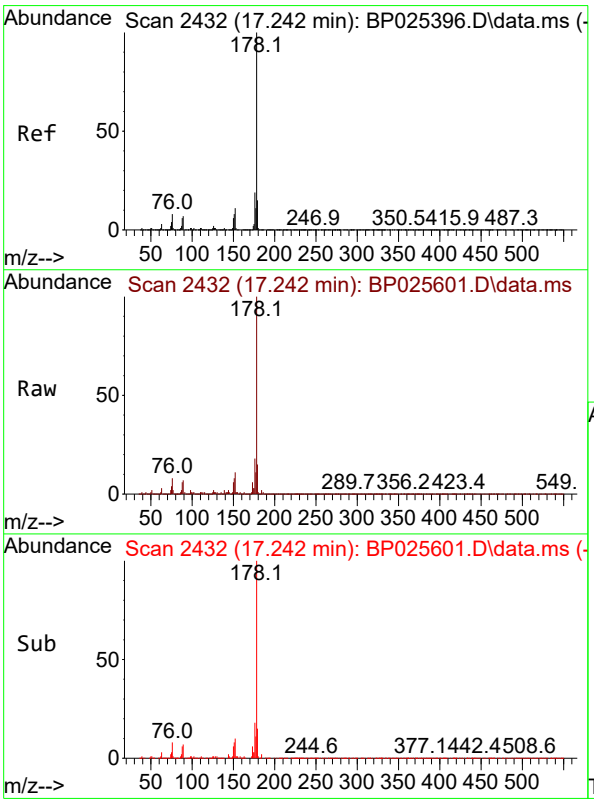
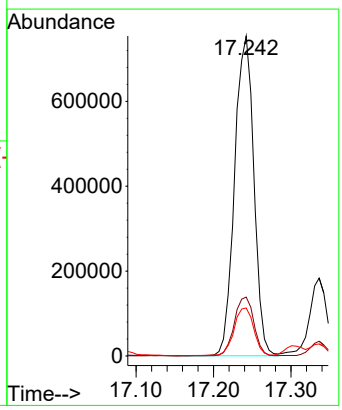
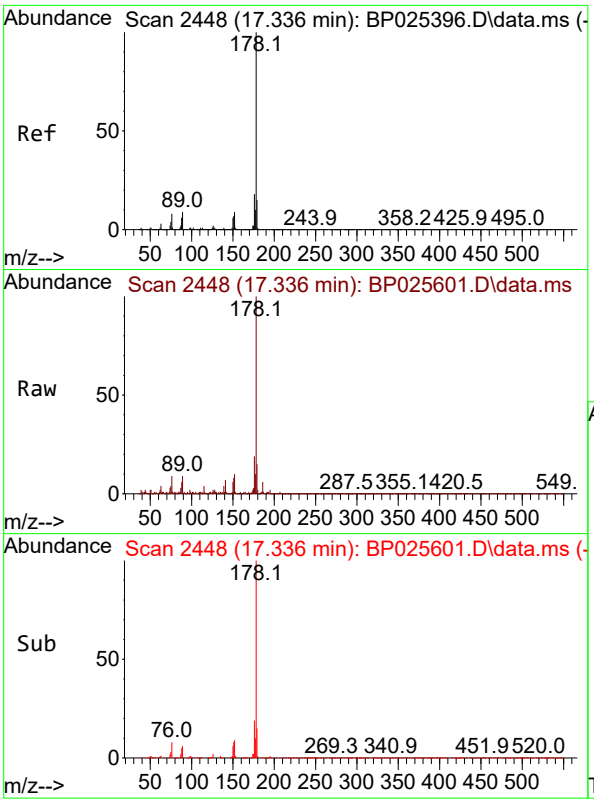


#71
Phenanthrene
Concen: 28.104 ng
RT: 17.242 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:178 Resp: 1301280

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.5	23.3
179	15.0	12.2	18.4

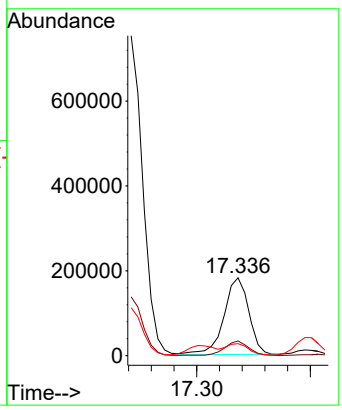




#72
Anthracene
Concen: 5.800 ng
RT: 17.336 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:178 Resp: 27426

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.7	22.1
179	15.4	12.2	18.2



Instrument :
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ClientSampleId :
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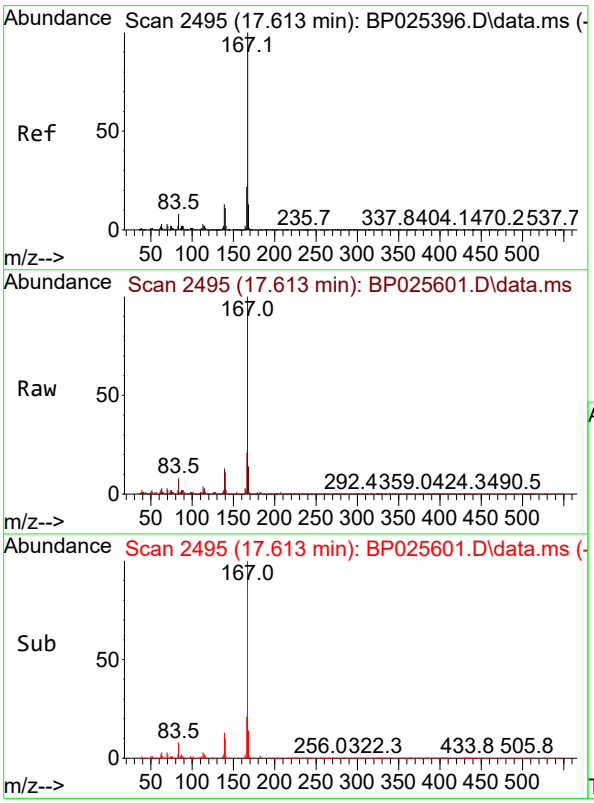
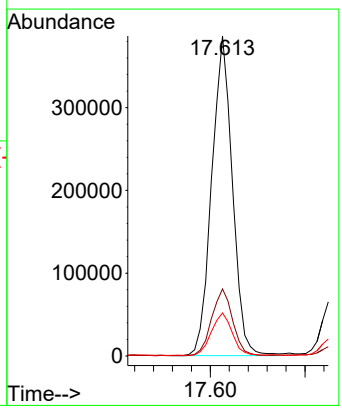
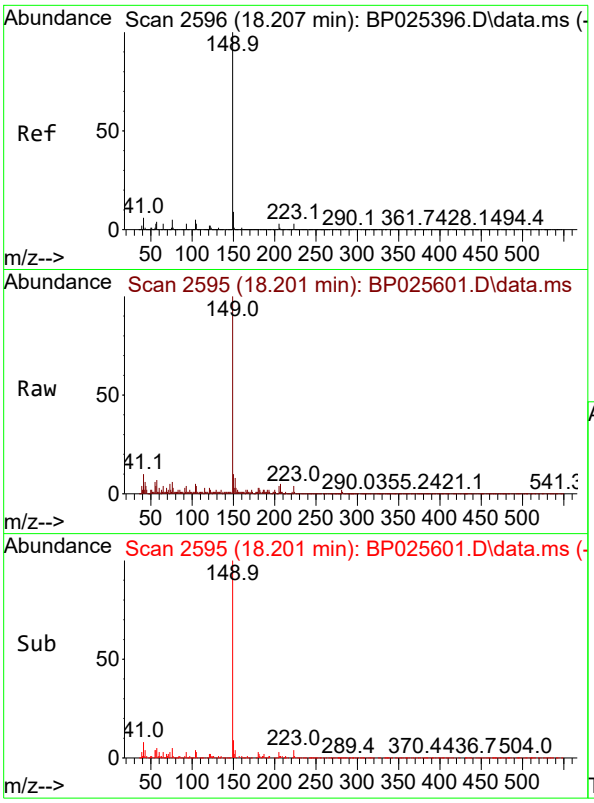


#73
Carbazole
Concen: 13.150 ng
RT: 17.613 min Scan# 2495
Delta R.T. -0.000 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:167 Resp: 585677

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.5	26.3
139	13.5	10.6	16.0

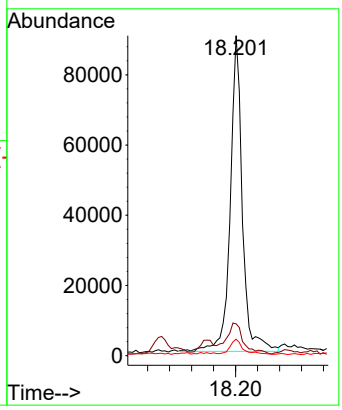




#74
Di-n-butylphthalate
Concen: 2.519 ng
RT: 18.201 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:149 Resp: 13804

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.4	11.0
104	5.1	4.2	6.2



Instrument :
BNA_P
ClientSampleId :
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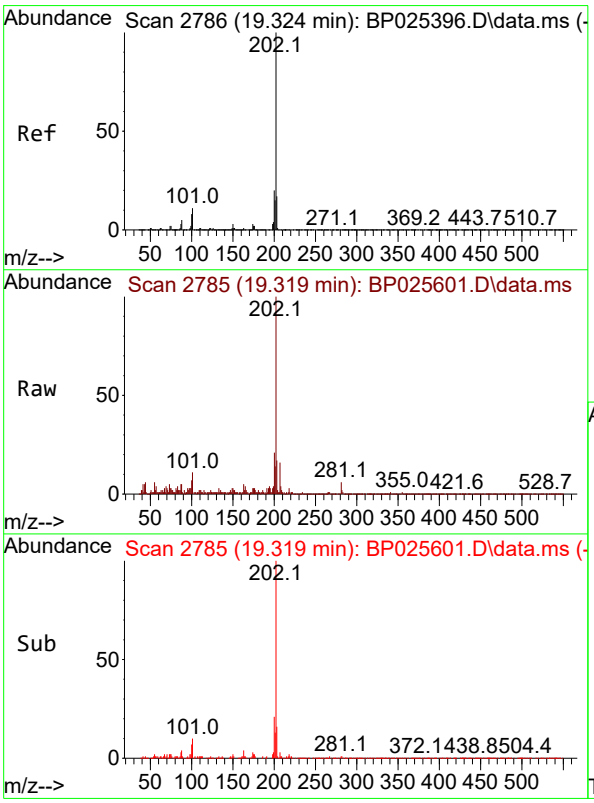
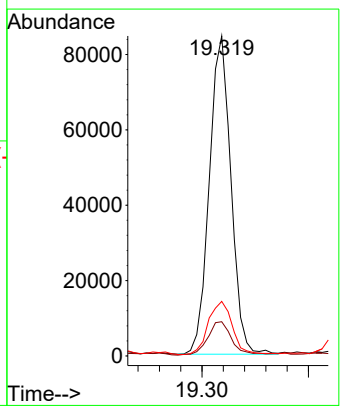
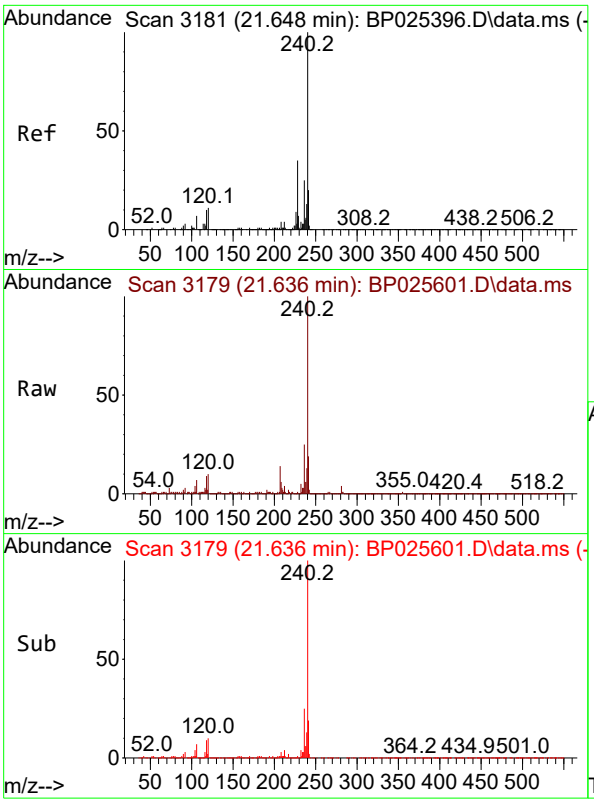


#75
Fluoranthene
Concen: 2.157 ng
RT: 19.319 min Scan# 2785
Delta R.T. -0.006 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:202 Resp: 119116

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.1
203	17.1	0.0	37.3

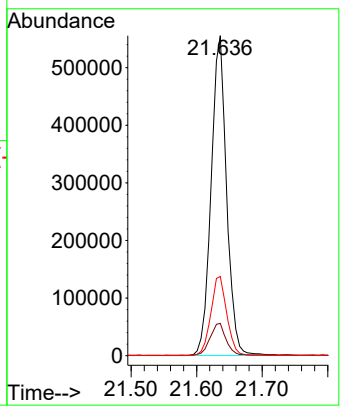




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:240 Resp: 90851

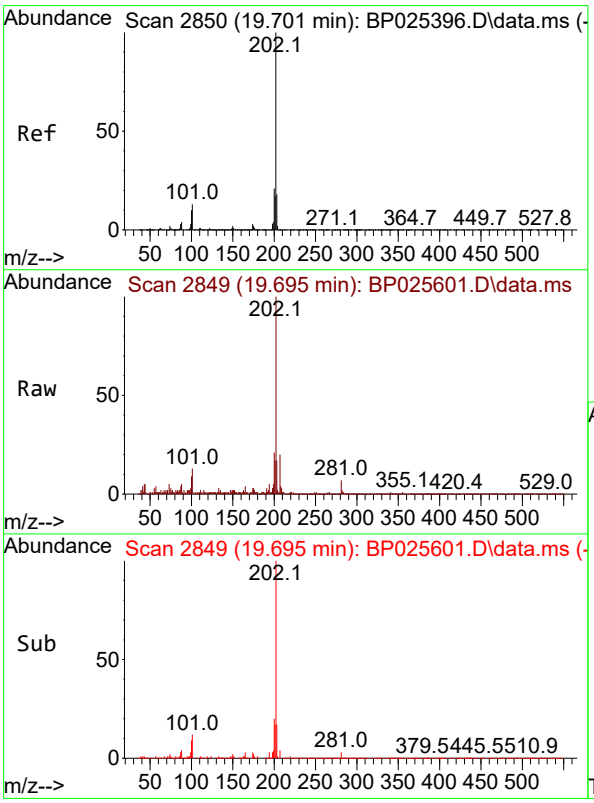
Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.9	13.3
236	24.8	19.8	29.8



Instrument :
BNA_P
ClientSampleId :
MW-201-082025

Manual Integrations
APPROVED

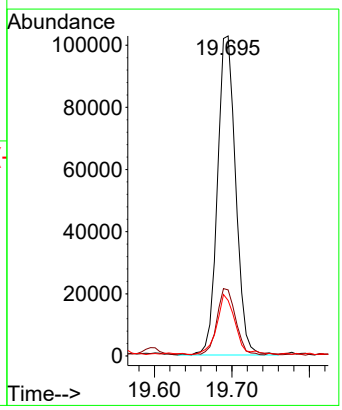
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

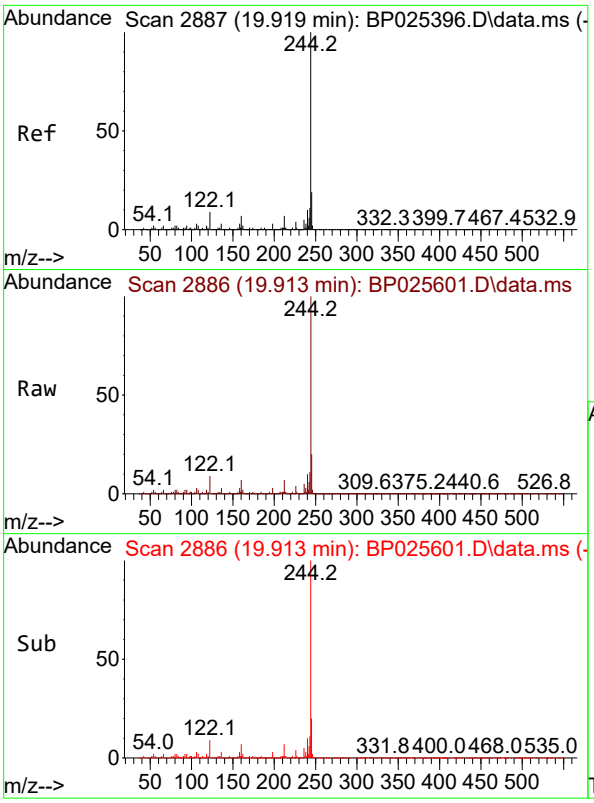


#78
Pyrene
Concen: 2.837 ng
RT: 19.695 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:202 Resp: 167520

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	17.4	14.2	21.2





#79
Terphenyl-d14
Concen: 74.049 ng
RT: 19.913 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

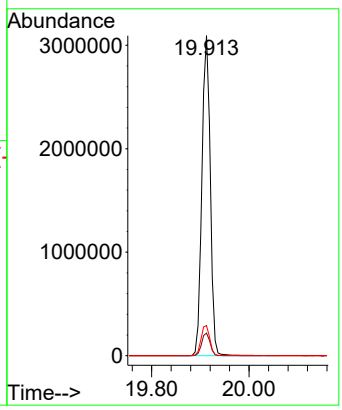
Tgt Ion:244 Resp: 367708

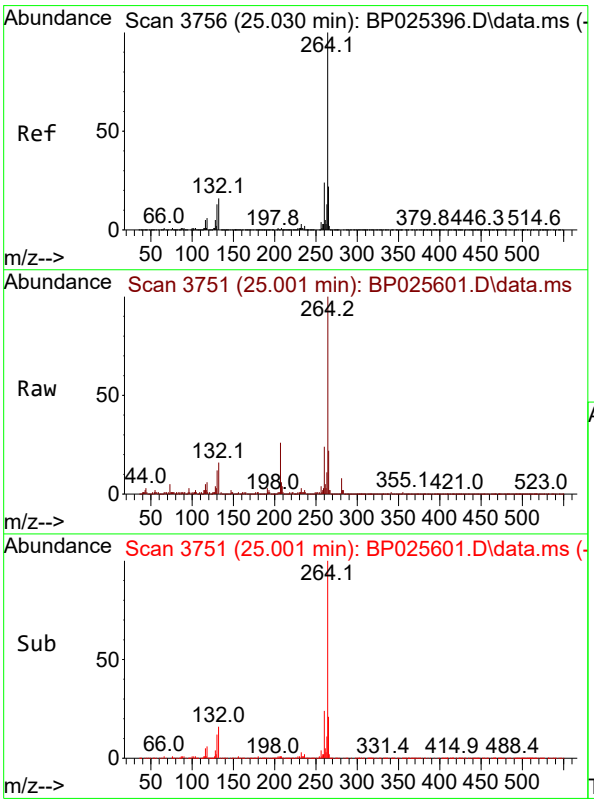
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	9.4	7.4	11.2

Instrument :
BNA_P
ClientSampleId :
MW-201-082025

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

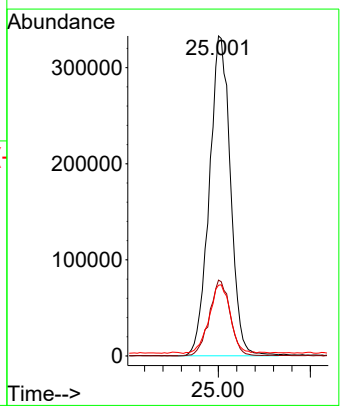




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3751
Delta R.T. -0.029 min
Lab File: BP025601.D
Acq: 27 Aug 2025 13:37

Tgt Ion:264 Resp: 1056970

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	22.1	17.4	26.0



Sample Results: **BP025601.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025601.D
Acq On : 27 Aug 2025 13:37
Operator : CG/JU
Sample : Q2924-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-201-082025

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: BP025601.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	12	16	45	rVB	3240858	5257489	3.07%	0.551%
2	4.055	178	190	195	rBV4	32614403	112949610	66.00%	11.829%
3	4.096	195	197	208	rVV	1648845	1730556	1.01%	0.181%
4	4.190	208	213	230	rVB	1426620	2087863	1.22%	0.219%
5	5.331	397	407	415	rBV	10804636	18774569	10.97%	1.966%
6	5.413	415	421	424	rVV	1655442	2690387	1.57%	0.282%
7	5.472	424	431	443	rVV	25578009	71521973	41.79%	7.490%
8	5.831	480	492	500	rVB2	30149135	109288661	63.86%	11.446%
9	6.643	623	630	640	rVB	1141649	1715509	1.00%	0.180%
10	6.884	663	671	676	rVV	3542704	5871000	3.43%	0.615%
11	6.943	676	681	684	rVV	1815341	3170917	1.85%	0.332%
12	7.013	689	693	702	rVB	3810440	5942543	3.47%	0.622%
13	7.178	712	721	723	rBV	1467090	2419617	1.41%	0.253%
14	7.213	723	727	736	rVB	3157724	5098201	2.98%	0.534%
15	7.384	745	756	759	rBV	985236	1716668	1.00%	0.180%
16	7.449	759	767	774	rVV3	20403886	45789083	26.76%	4.795%
17	7.525	774	780	787	rVB2	8174990	14296955	8.35%	1.497%
18	7.896	833	843	849	rVV	5483892	9654791	5.64%	1.011%
19	7.960	849	854	864	rVB	2412811	4344518	2.54%	0.455%
20	8.154	879	887	896	rBV	3043836	5812689	3.40%	0.609%
21	8.372	906	924	928	rBV2	31839772	141145930	82.48%	14.782%
22	8.866	1003	1008	1012	rVV2	1067997	1750776	1.02%	0.183%
23	8.925	1012	1018	1030	rVV2	2089917	4664782	2.73%	0.489%
24	9.031	1030	1036	1045	rVV	1816772	3619326	2.11%	0.379%
25	9.443	1100	1106	1113	rVB2	1183002	2168737	1.27%	0.227%
26	9.525	1113	1120	1125	rBV	1635473	2643784	1.54%	0.277%
27	9.984	1180	1198	1204	rBV2	11143398	25352601	14.81%	2.655%
28	10.060	1204	1211	1215	rBV	9790284	21398248	12.50%	2.241%
29	10.254	1238	1244	1251	rBV	1716853	2900804	1.70%	0.304%
30	10.678	1281	1316	1321	rBV4	31709273	171134750	100.00%	17.923%
31	10.748	1321	1328	1335	rVB	10651884	17070785	9.98%	1.788%
32	12.095	1553	1557	1567	rVB2	1007623	1931279	1.13%	0.202%
33	12.219	1568	1578	1584	rBV	18891404	34719377	20.29%	3.636%
34	12.431	1601	1614	1622	rBV	13999425	26432062	15.45%	2.768%
35	12.995	1704	1710	1717	rVB	4594624	7072099	4.13%	0.741%
36	13.213	1741	1747	1756	rBV	1543081	2513276	1.47%	0.263%

Sample Results: **BP025601.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025601.D
Acq On : 27 Aug 2025 13:37
Operator : CG/JU
Sample : Q2924-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-201-082025

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	13.560	1792	1806	1813	rBV2	1205427	3067307	1.79%	0.321%
38	13.701	1822	1830	1836	rBV	2024688	3914225	2.29%	0.410%
39	13.760	1836	1840	1847	rVB	1155641	1787581	1.04%	0.187%
40	13.837	1847	1853	1859	rVB	1201876	1938130	1.13%	0.203%
41	13.948	1861	1872	1876	rBV2	935406	2031284	1.19%	0.213%
42	14.113	1893	1900	1912	rVB	8549399	13954584	8.15%	1.461%
43	15.454	2123	2128	2141	rVB	1532484	2674806	1.56%	0.280%
44	15.907	2194	2205	2213	rBV2	3936633	6339733	3.70%	0.664%
45	17.189	2418	2423	2427	rVV2	1358149	2268271	1.33%	0.238%
46	17.242	2427	2432	2439	rVB	1919592	3377734	1.97%	0.354%
47	18.142	2580	2585	2592	rVV3	905287	1749021	1.02%	0.183%
48	19.913	2881	2886	2891	rBV	8215225	9810934	5.73%	1.027%
49	21.636	3173	3179	3195	rVB	1497793	2632701	1.54%	0.276%
50	25.001	3744	3751	3765	rVB	858760	2660454	1.55%	0.279%

Sum of corrected areas: 954858980

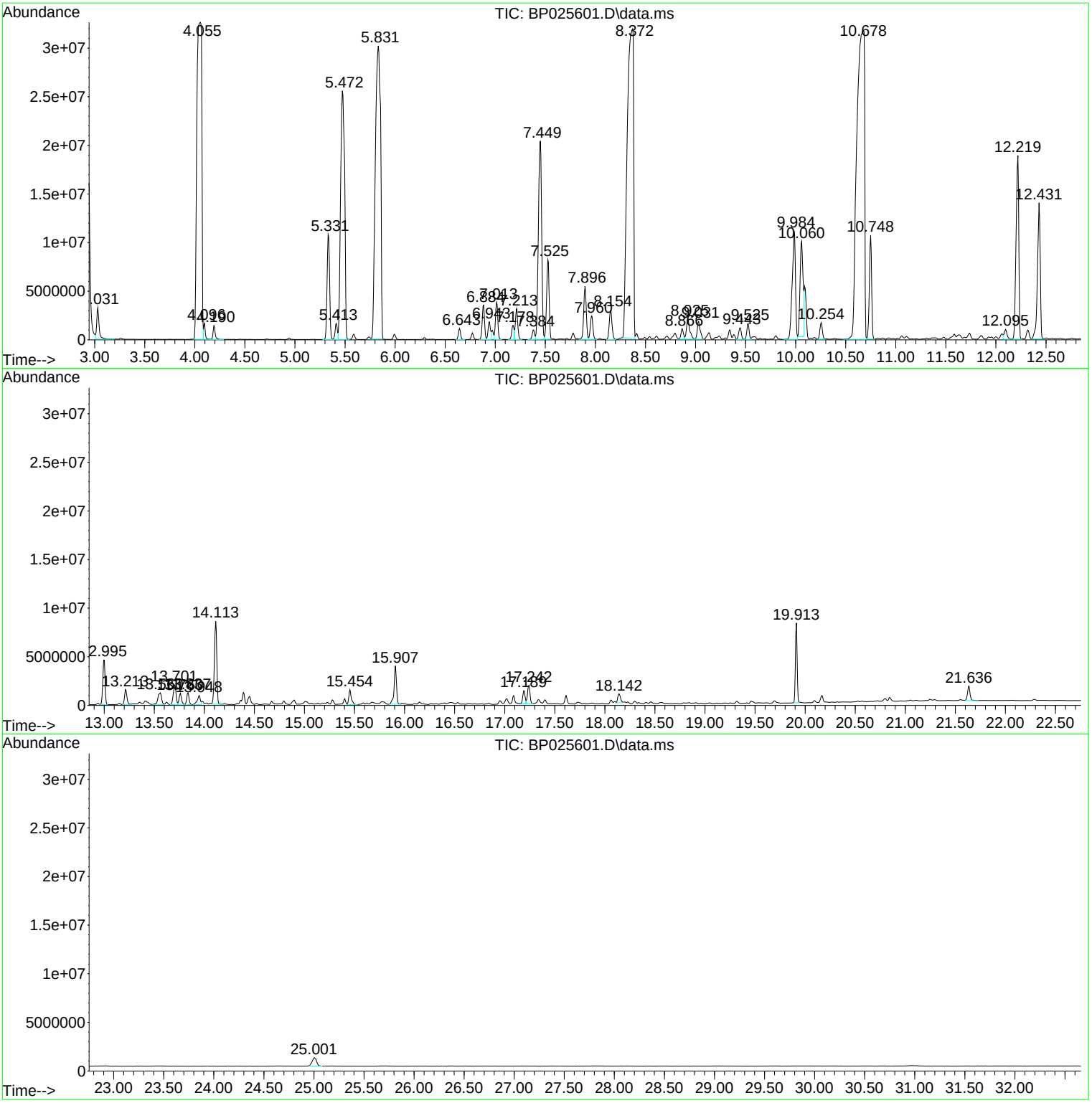
Sample Results: **BP025601.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025601.D
Acq On : 27 Aug 2025 13:37
Operator : CG/JU
Sample : Q2924-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-201-082025

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 : BP025601.D
Acq On : 27 Aug 2025 13:37
Operator : CG/JU
Sample : Q2924-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-201-082025

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

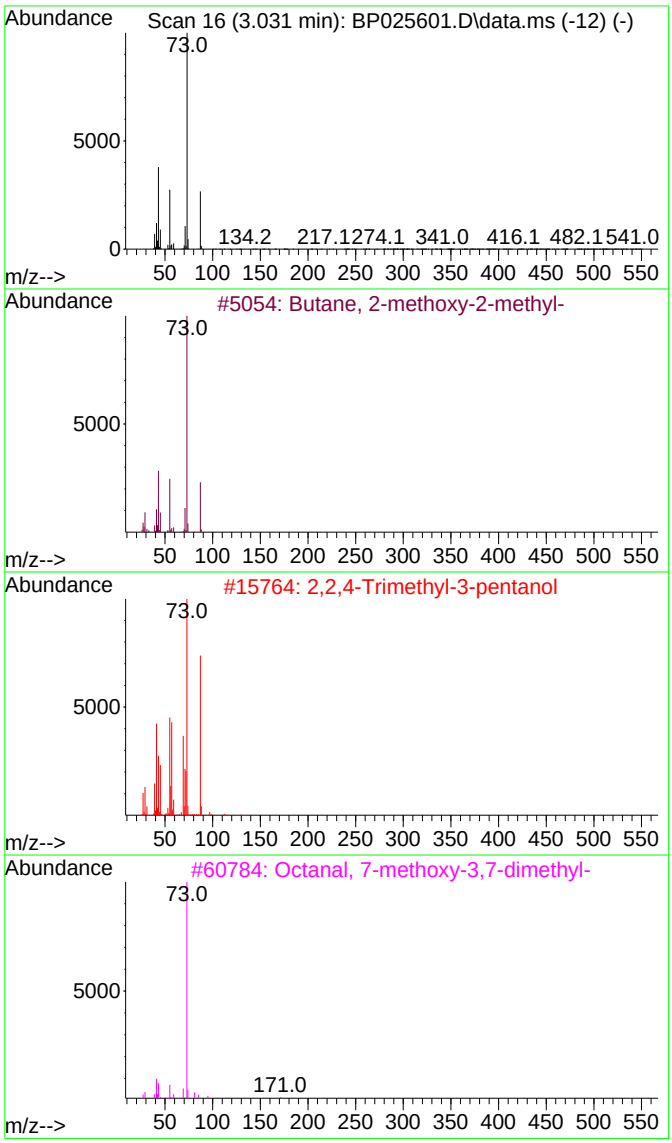
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

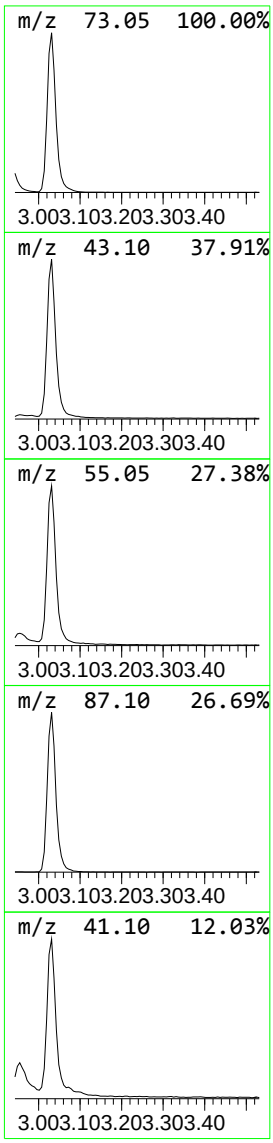
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.031	10.89 ng	5257490	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	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025601.D
Acq On : 27 Aug 2025 13:37
Operator : CG/JU
Sample : Q2924-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-201-082025

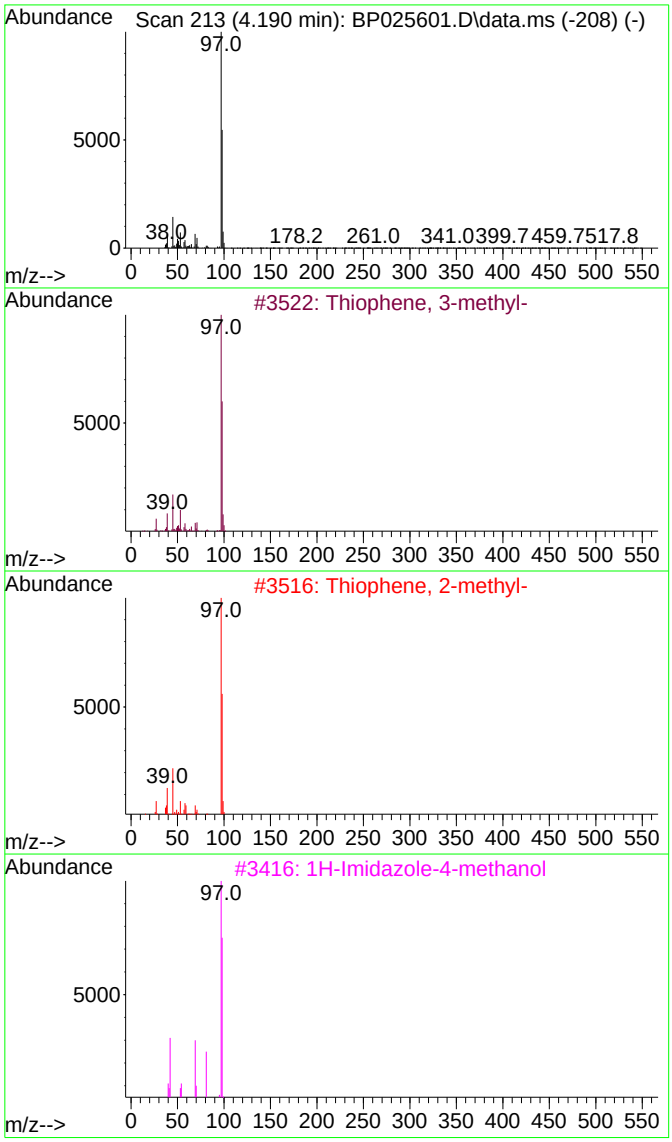
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

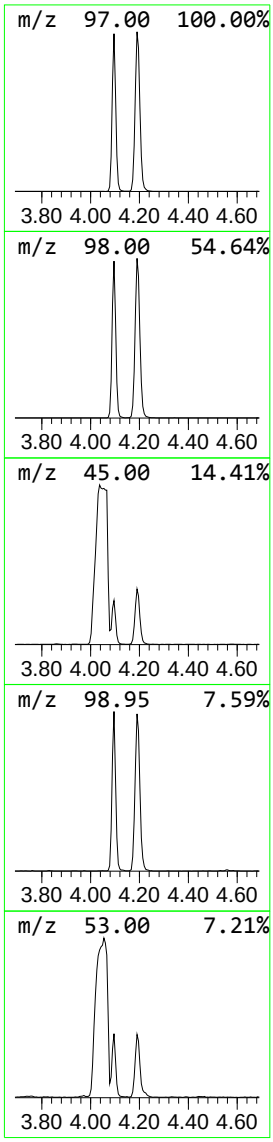
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Thiophene, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.190	4.33 ng	2087860	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	95
2	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	91
3	1H-Imidazole-4-methanol	98	C4H6N2O	000822-55-9	72
4	Pyridine, 3-fluoro-	97	C5H4FN	000372-47-4	47
5	2-Fluoropyridine	97	C5H4FN	000372-48-5	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025601.D
Acq On : 27 Aug 2025 13:37
Operator : CG/JU
Sample : Q2924-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-201-082025

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

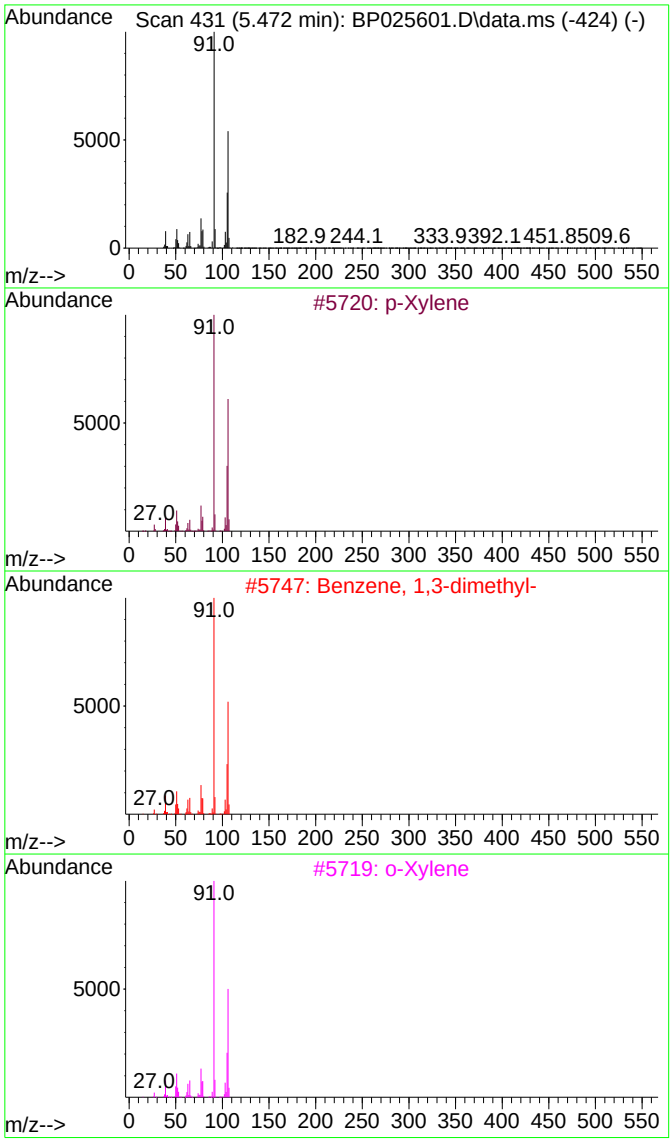
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

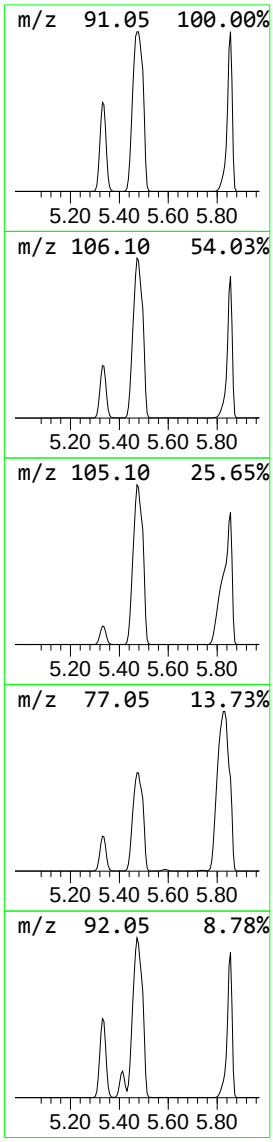
****

Peak Number 5 p-Xylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.472	148.16 ng	71522000	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	o-Xylene	106	C8H10	000095-47-6	95
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	87
5	Ethylbenzene	106	C8H10	000100-41-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025601.D
Acq On : 27 Aug 2025 13:37
Operator : CG/JU
Sample : Q2924-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-201-082025

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

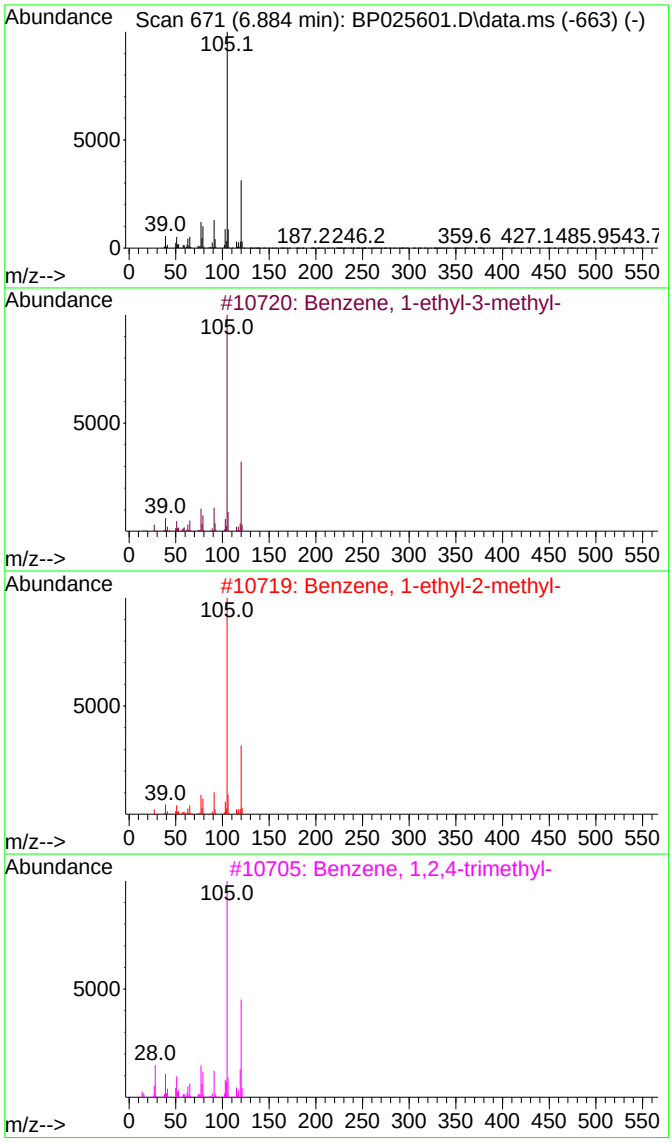
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

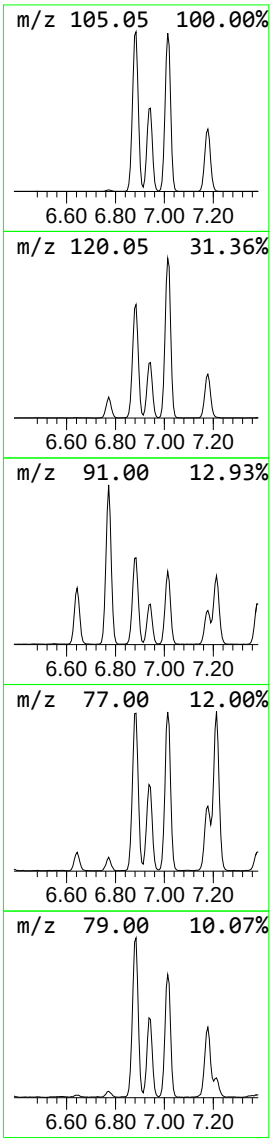
****

Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.884	12.16 ng	5871000	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025601.D
Acq On : 27 Aug 2025 13:37
Operator : CG/JU
Sample : Q2924-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-201-082025

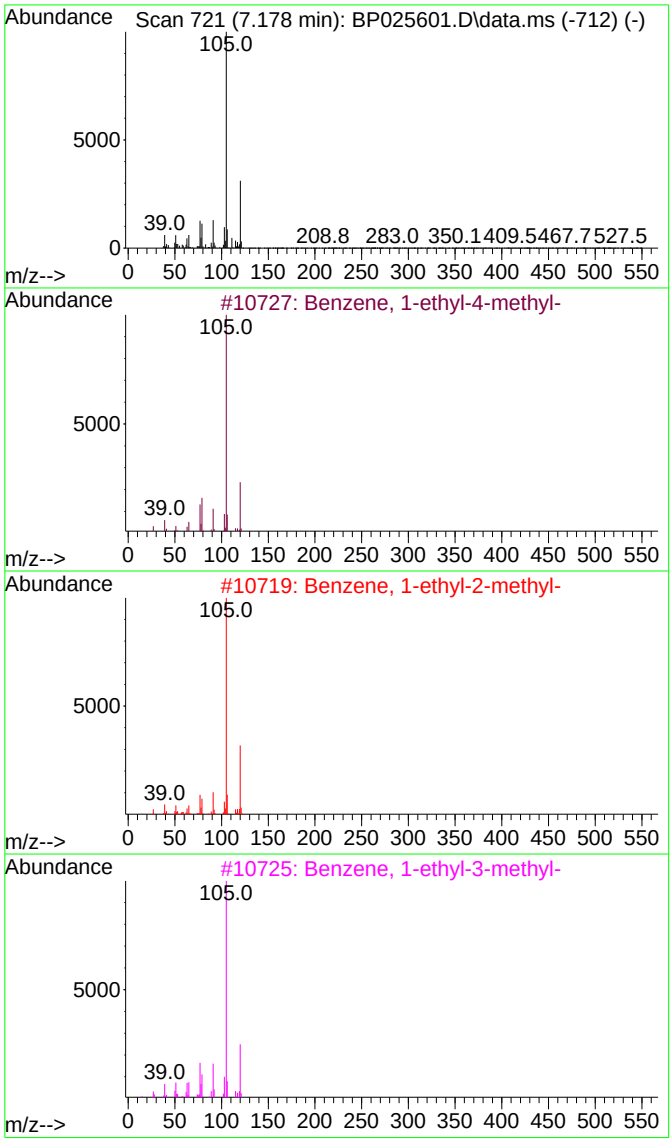
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

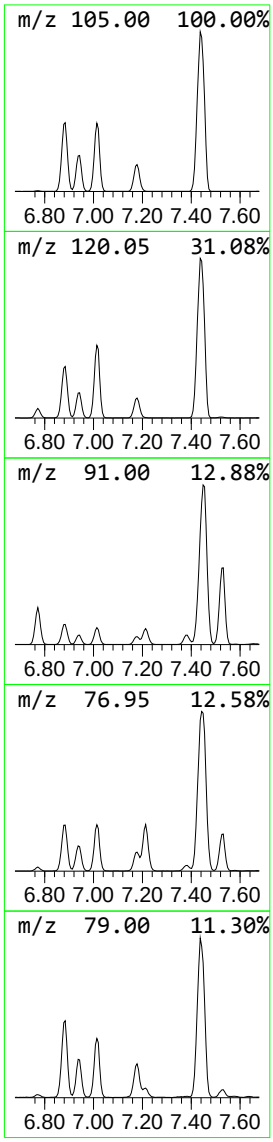
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.178	5.01 ng	2419620	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





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Acq On : 27 Aug 2025 13:37
Operator : CG/JU
Sample : Q2924-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-201-082025

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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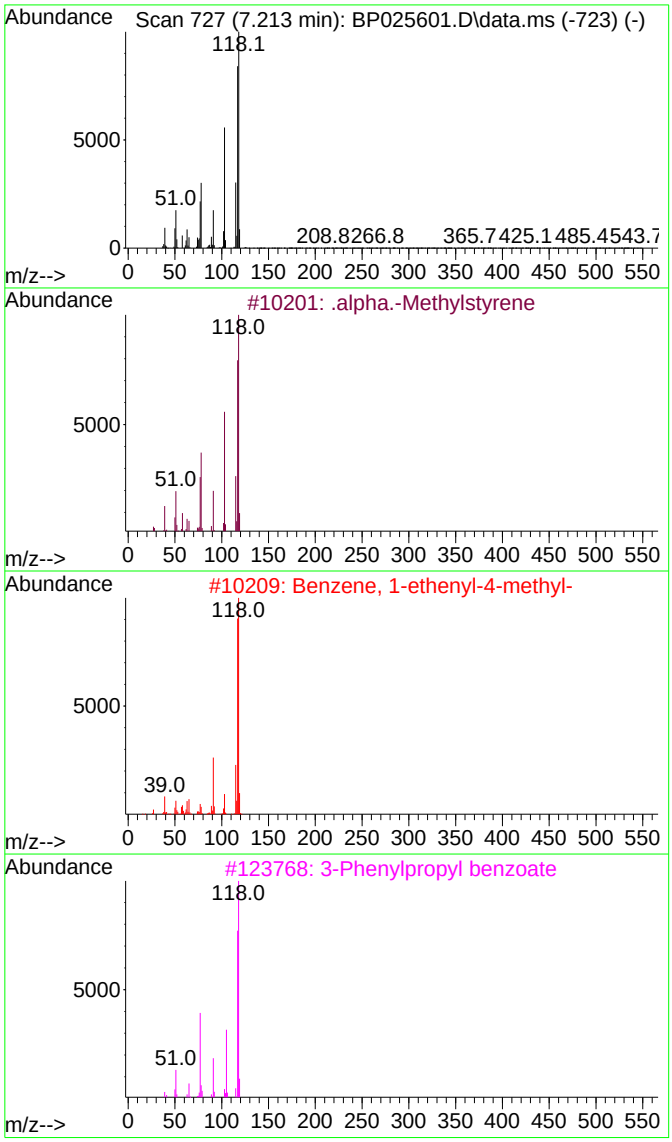
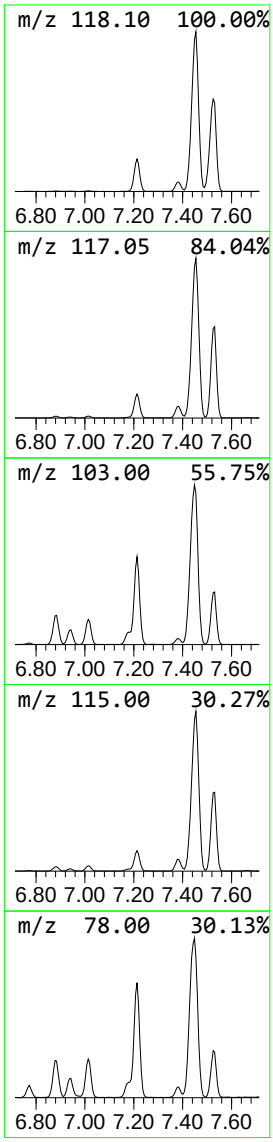
Peak Number 9 .alpha.-Methylstyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.213	10.56 ng	5098200	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methylstyrene	118	C9H10	000098-83-9	96
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	58
3	3-Phenylpropyl benzoate	240	C16H16O2	060045-26-3	53
4	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	52
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	35





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Misc :
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ClientSampleId :
MW-201-082025

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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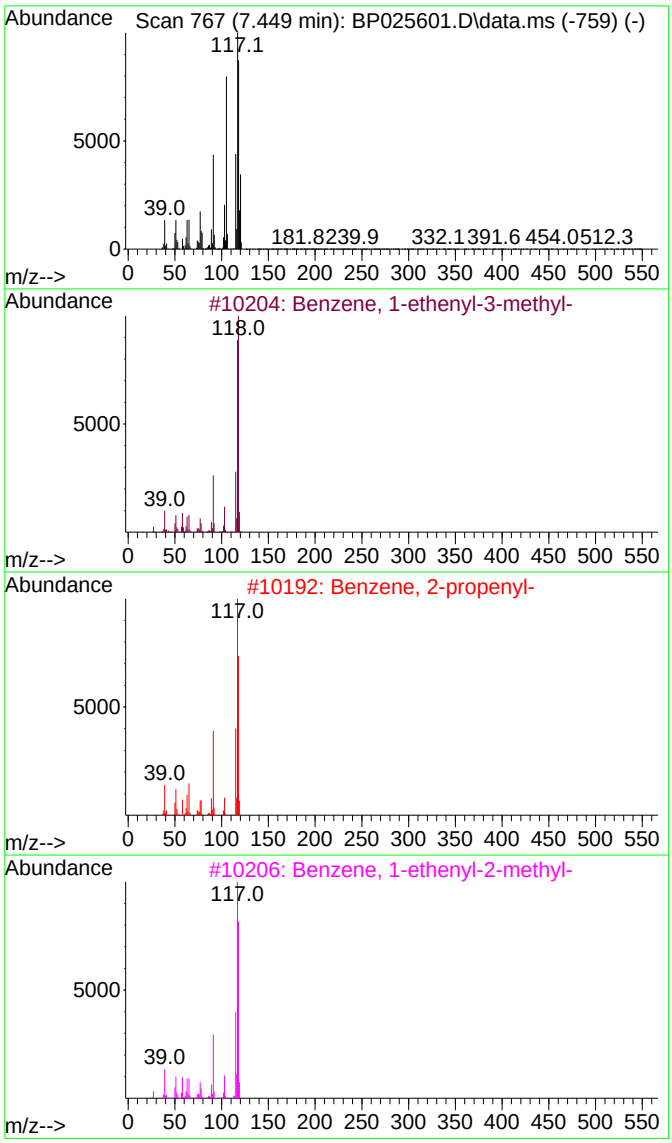
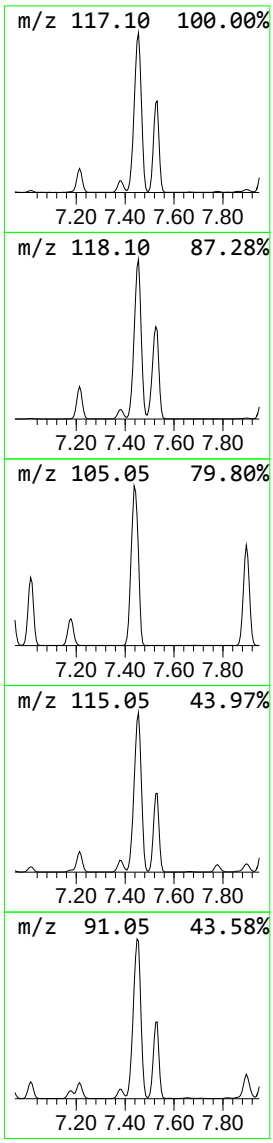
Peak Number 10 unknown7.449 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.449	94.85 ng	45789100	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	93
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	91
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	64
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	64





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Misc :
ALS Vial : 7 Sample Multiplier: 1

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

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

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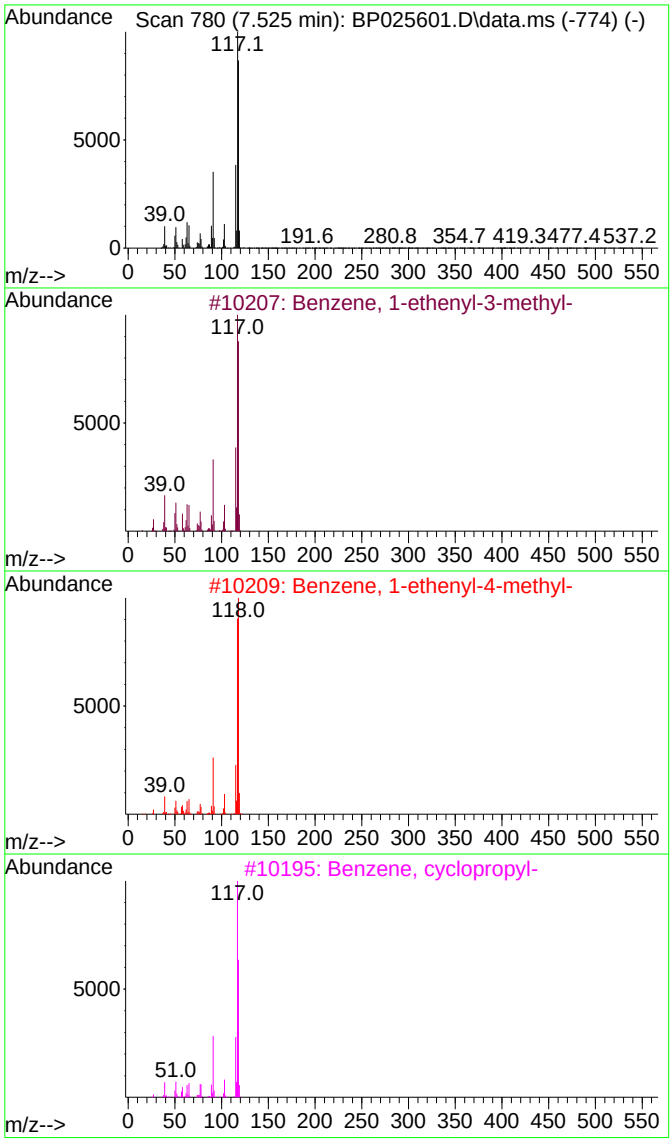
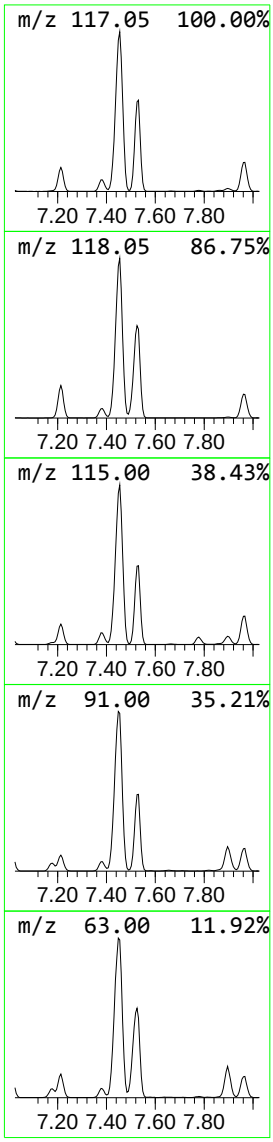
Peak Number 11 unknown7.525 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.525	29.62 ng	14297000	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	90





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

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

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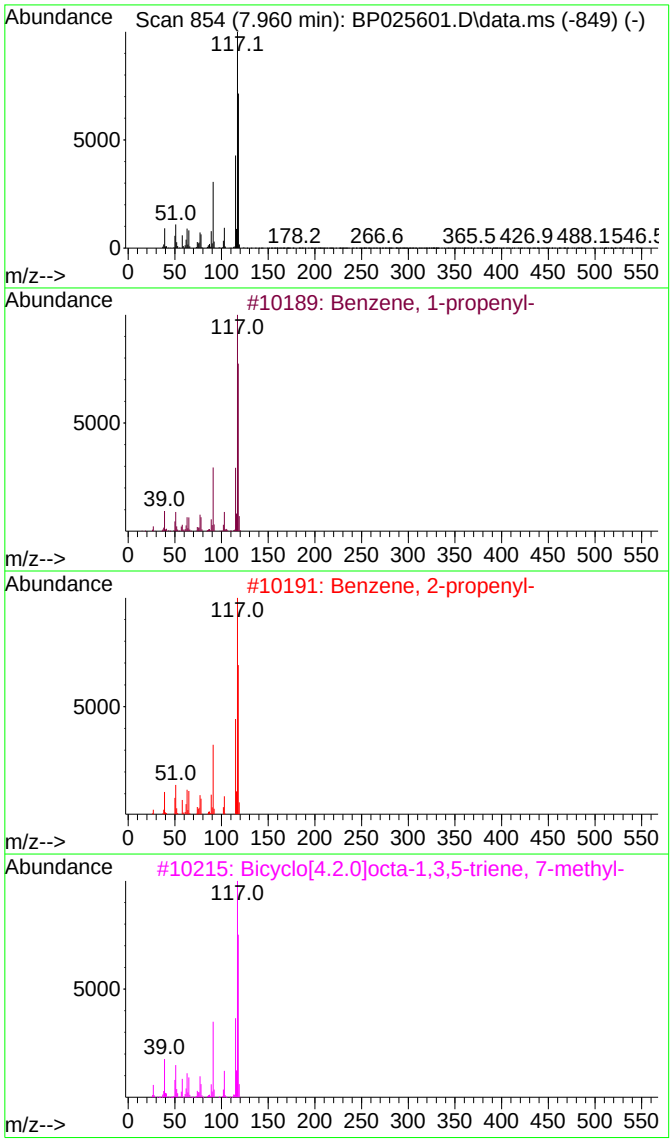
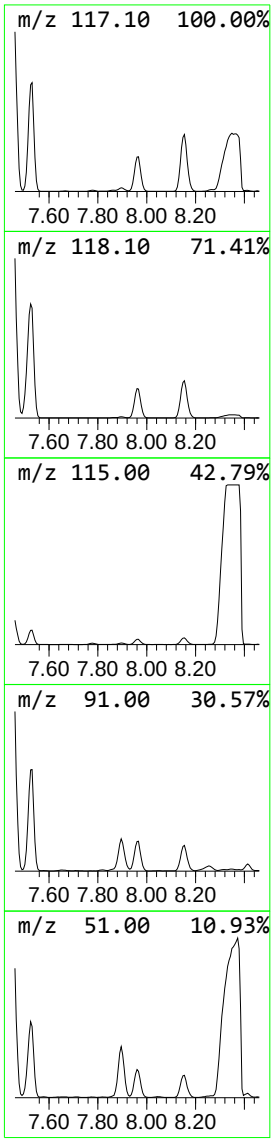
Peak Number 13 Benzene, 1-propenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.960	9.00 ng	4344520	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	91
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	90
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	90
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	89
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	83





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

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

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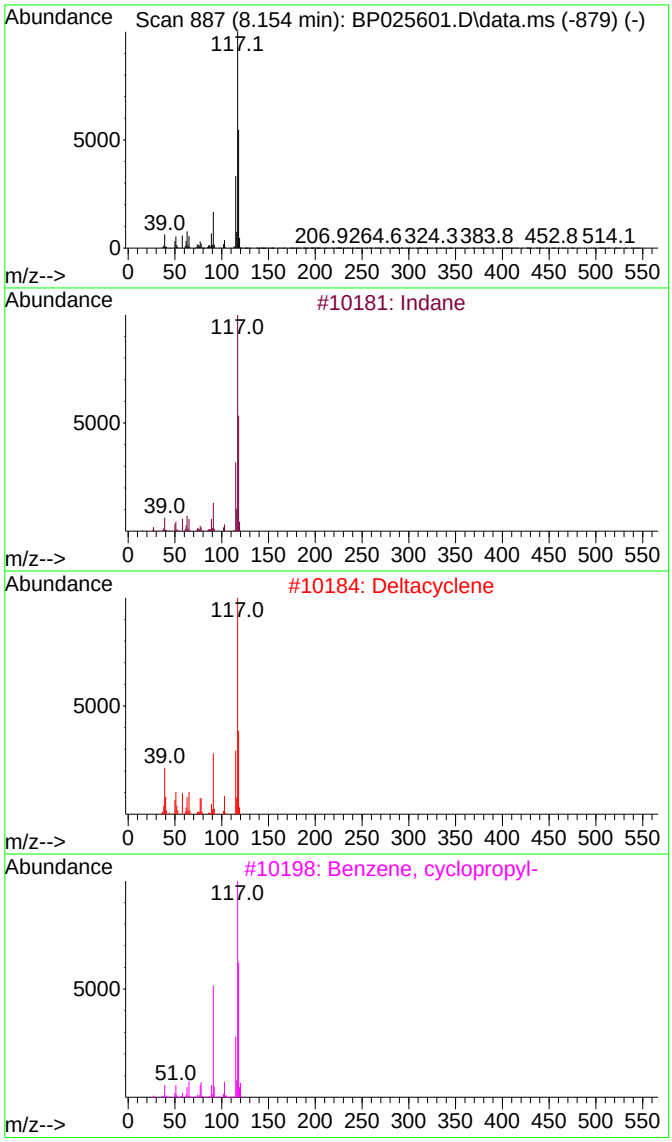
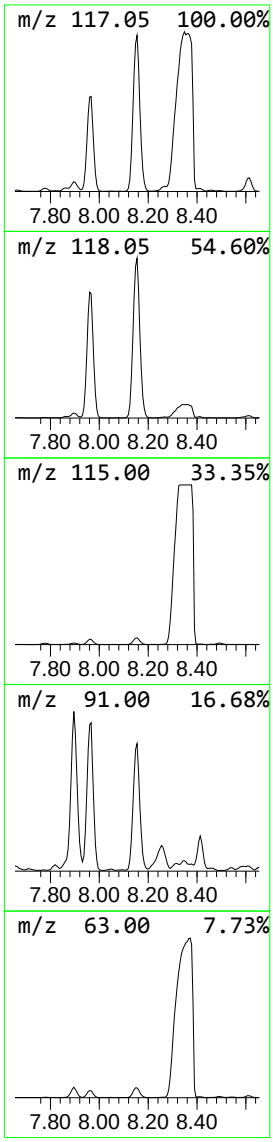
Peak Number 14 Indane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.154	12.04 ng	5812690	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Deltacyclene	118	C9H10	007785-10-6	72
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
5	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59





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Misc :
ALS Vial : 7 Sample Multiplier: 1

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

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

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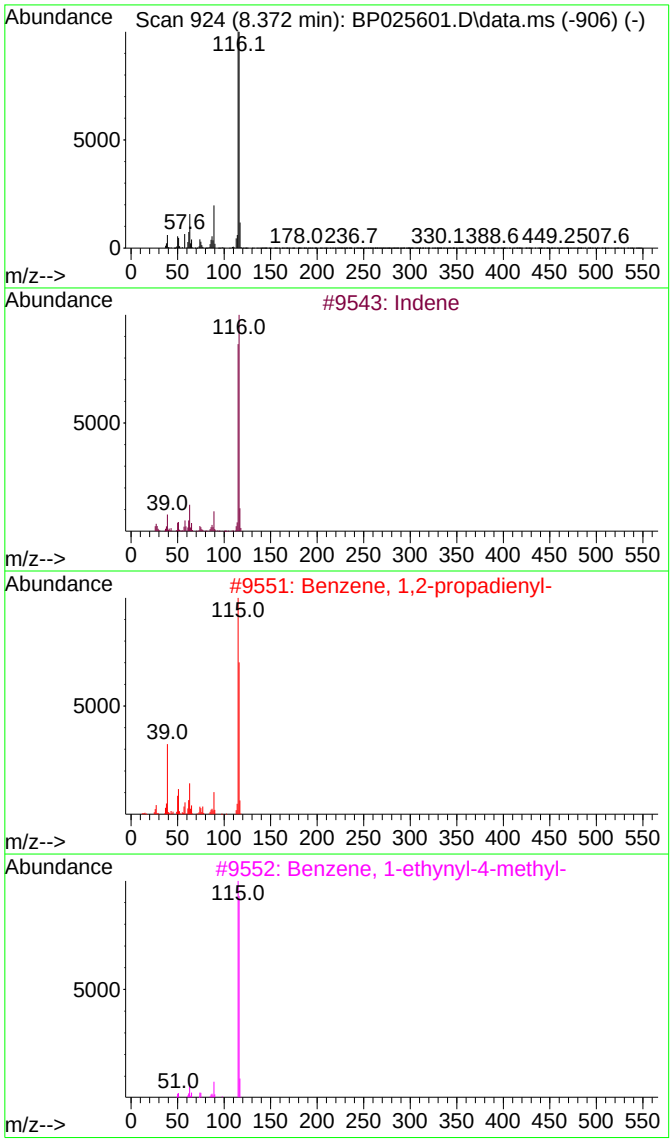
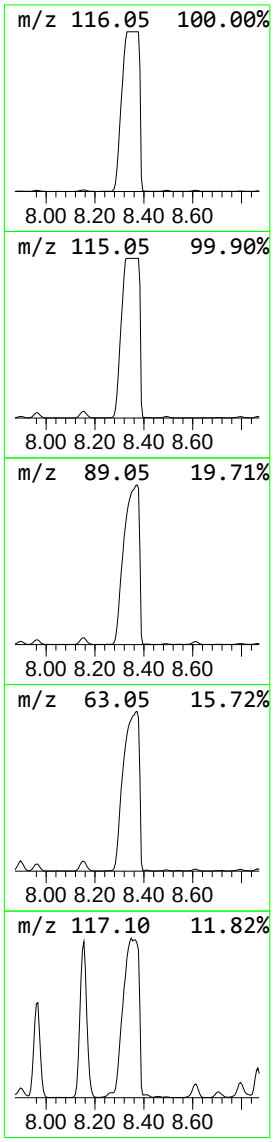
Peak Number 15 unknown8.372 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.372	292.38 ng	141146000	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	96
2	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	72
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	64
5	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	58





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

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

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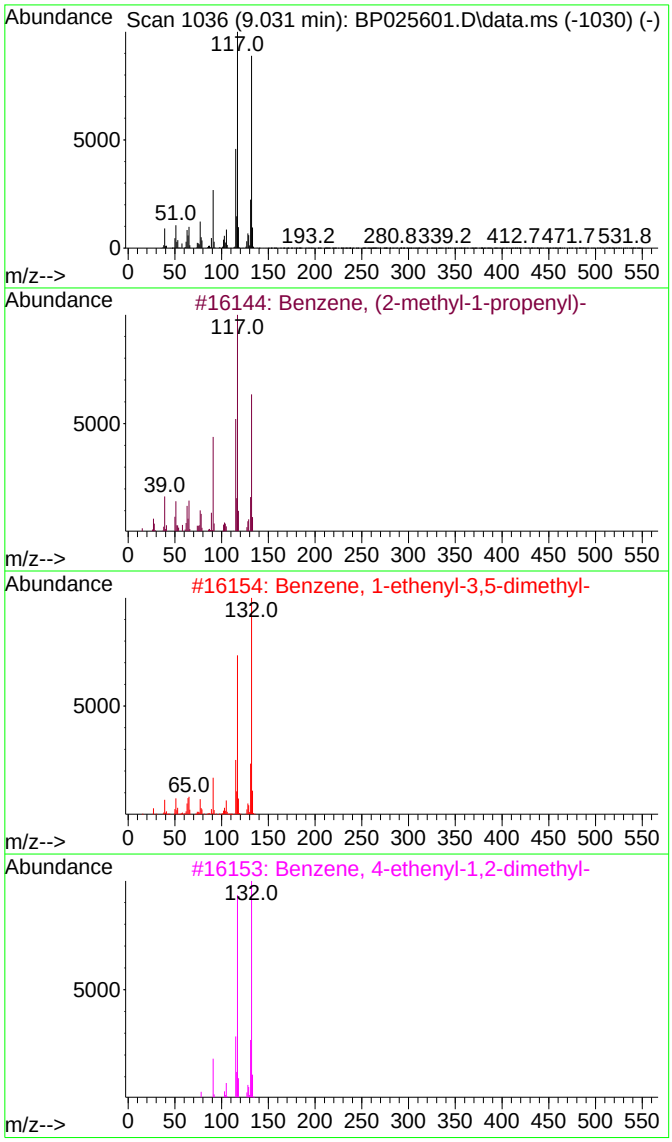
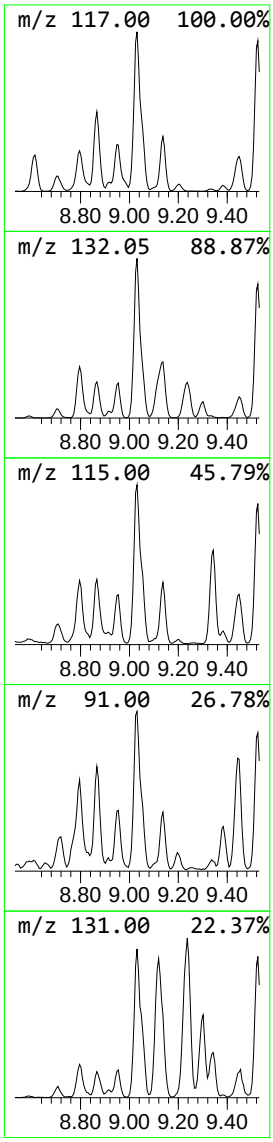
Peak Number 16 Benzene, (2-methyl-1-propen... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.031	7.50 ng	3619330	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	96
2	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	95
3	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	95
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	94





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Misc :
ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
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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

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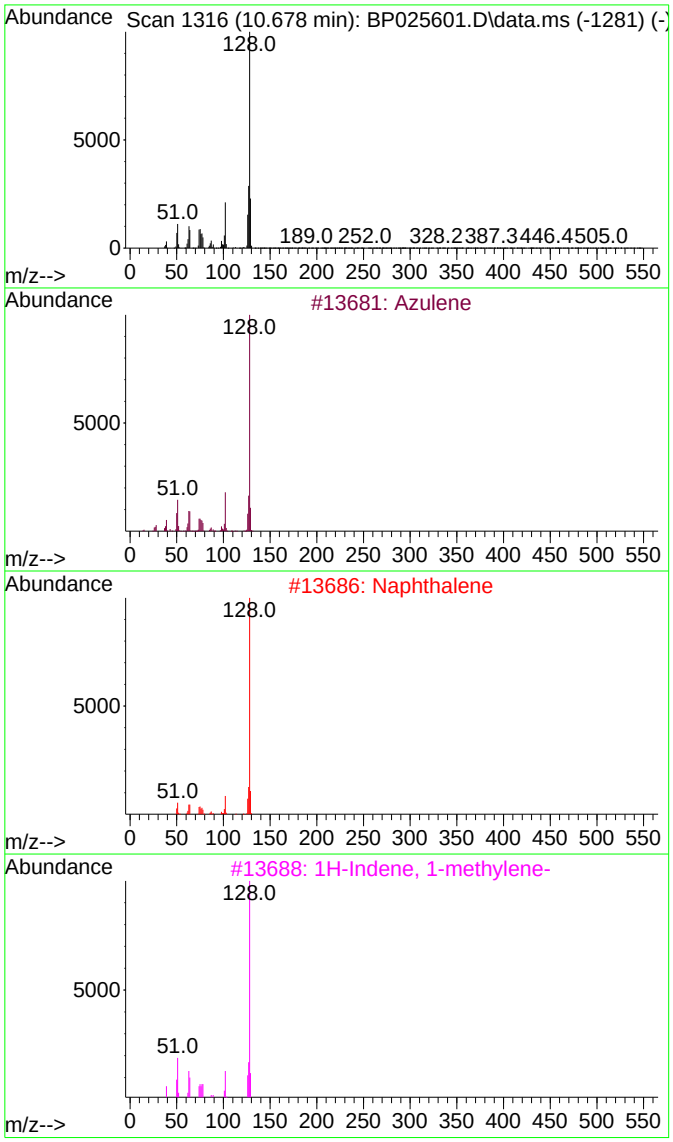
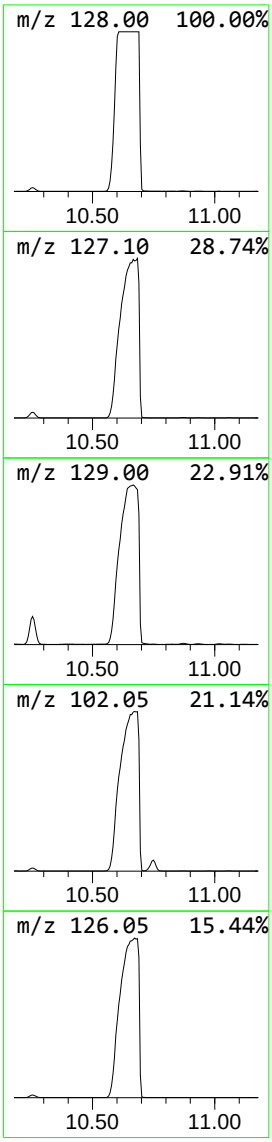
Peak Number 17 Azulene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.678	20.00 ng	171135000	Naphthalene-d8	10.566

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	87
2	Naphthalene	128	C10H8	000091-20-3	81
3	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	80
4	4-Phenylbut-3-ene-1-yne	128	C10H8	1000222-12-0	74
5	[4.2.2]Propella-2,4,7,9-tetraene	128	C10H8	088090-34-0	68





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

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

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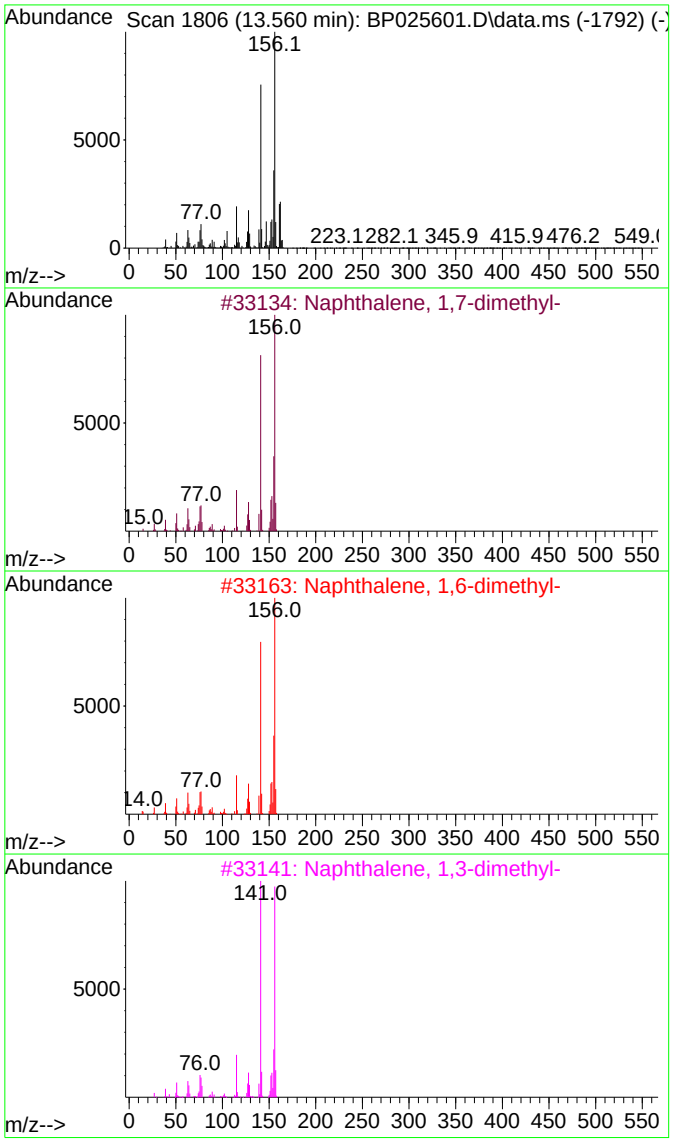
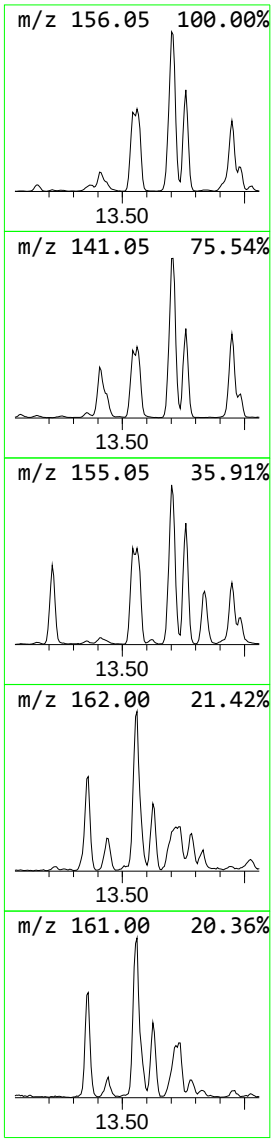
Peak Number 18 Naphthalene, 1,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.560	4.40 ng	3067310	Acenaphthene-d10	14.389

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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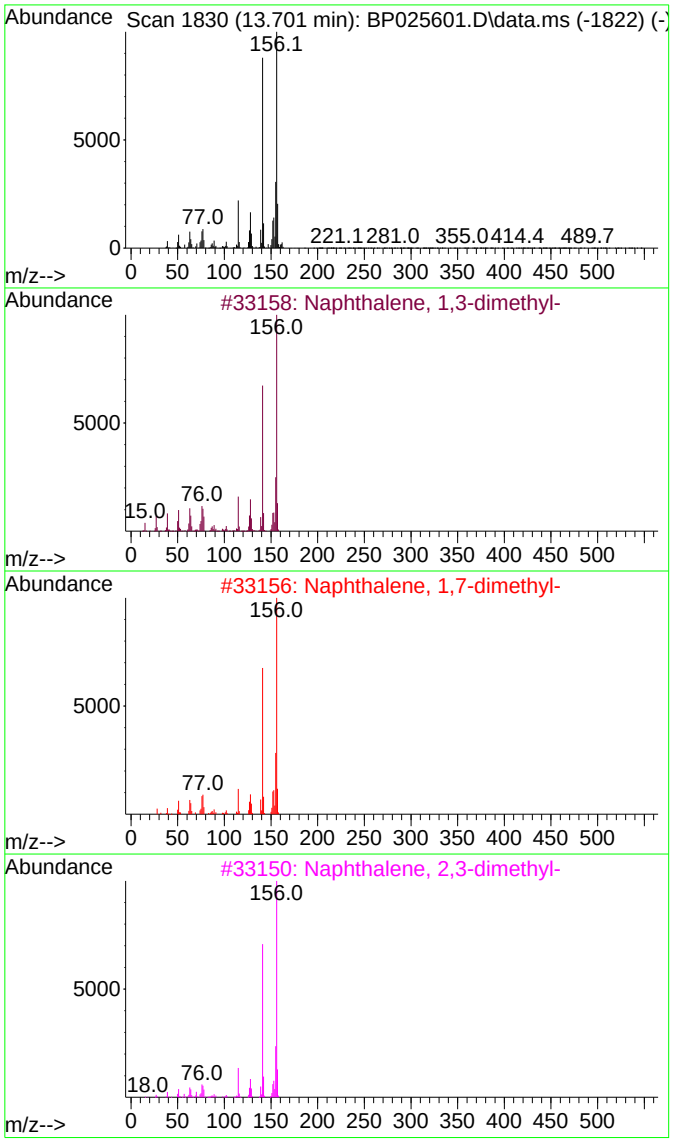
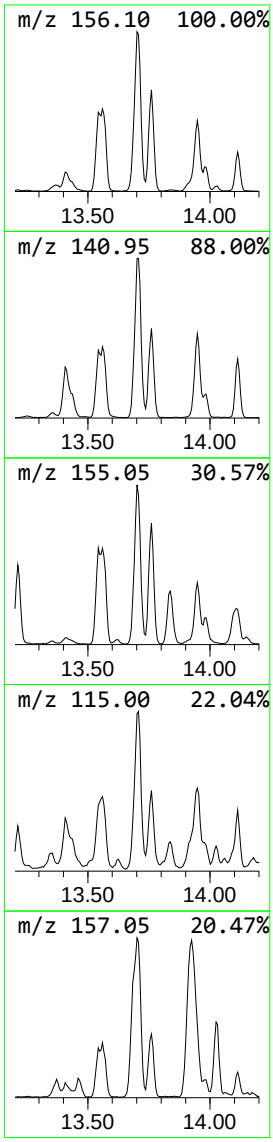
Peak Number 19 Naphthalene, 1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.701	5.61 ng	3914230	Acenaphthene-d10	14.389

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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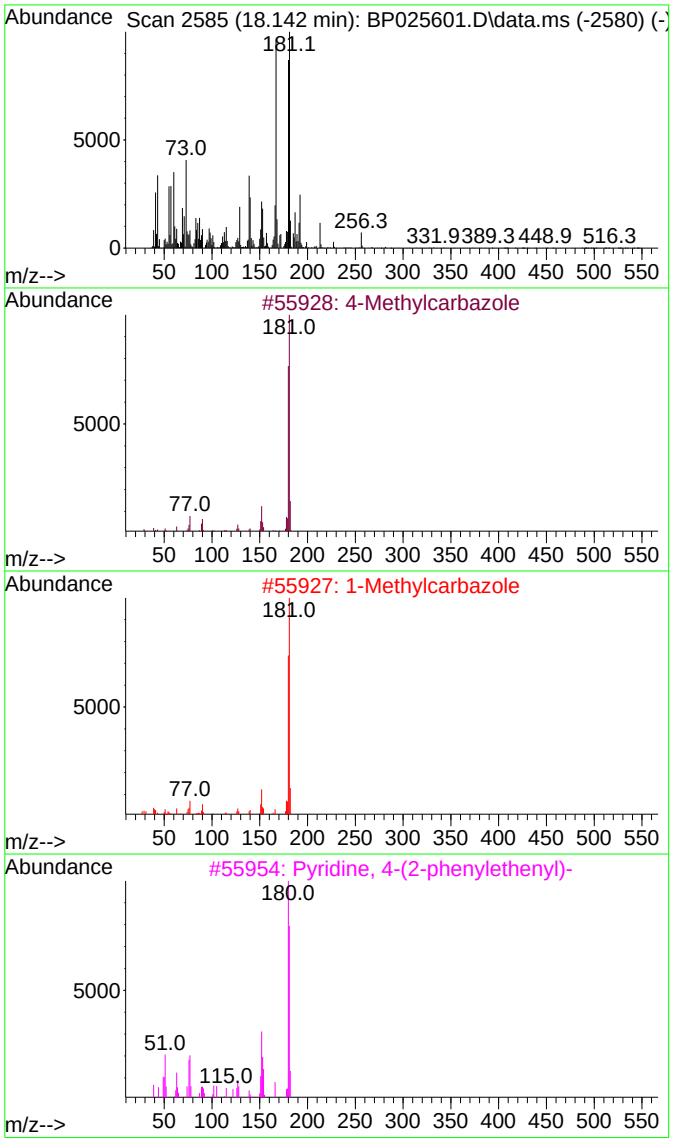
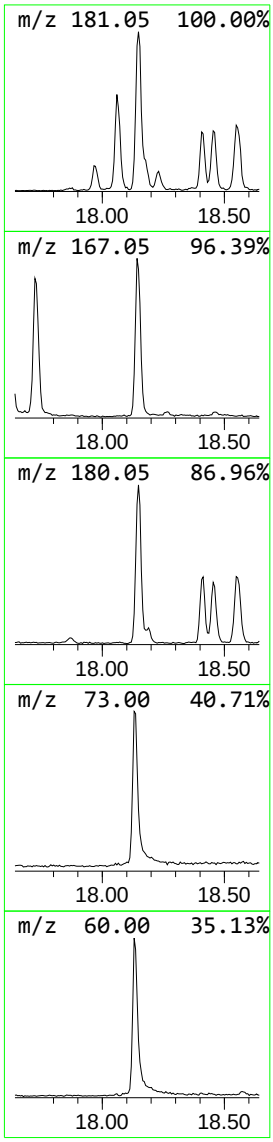
Peak Number 20 4-Methylcarbazole Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.142	15.42 ng	1749020	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylcarbazole	181	C13H11N	003770-48-7	83
2	1-Methylcarbazole	181	C13H11N	006510-65-2	83
3	Pyridine, 4-(2-phenylethenyl)-	181	C13H11N	000103-31-1	64
4	3-Methyl-2-azafluorene	181	C13H11N	018631-12-4	55
5	2-Fluorenamine	181	C13H11N	000153-78-6	52





Sample Results: **BP025601.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025601.D
Acq On : 27 Aug 2025 13:37
Operator : CG/JU
Sample : Q2924-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-201-082025

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	10.9	ng	5257490	1	7.778	9654790	20.0
Thiophene, 3-me...	4.190	4.3	ng	2087860	1	7.778	9654790	20.0
p-Xylene	5.472	148.2	ng	71522000	1	7.778	9654790	20.0
Benzene, 1-ethy...	6.884	12.2	ng	5871000	1	7.778	9654790	20.0
Benzene, 1-ethy...	7.178	5.0	ng	2419620	1	7.778	9654790	20.0
.alpha.-Methyls...	7.213	10.6	ng	5098200	1	7.778	9654790	20.0
unknown7.449	7.449	94.8	ng	45789100	1	7.778	9654790	20.0
unknown7.525	7.525	29.6	ng	14297000	1	7.778	9654790	20.0
Benzene, 1-prop...	7.960	9.0	ng	4344520	1	7.778	9654790	20.0
Indane	8.154	12.0	ng	5812690	1	7.778	9654790	20.0
unknown8.372	8.372	292.4	ng	141146000	1	7.778	9654790	20.0
Benzene, (2-met...	9.031	7.5	ng	3619330	1	7.778	9654790	20.0
Azulene	10.678	20.0	ng	171135000	2	10.566	171135000	20.0
Naphthalene, 1,...	13.560	4.4	ng	3067310	3	14.389	13954600	20.0
Naphthalene, 1,...	13.701	5.6	ng	3914230	3	14.389	13954600	20.0
4-Methylcarbazole	18.142	15.4	ng	1749020	4	17.195	2268270	20.0

Raw Data: **BP025607.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025DL	SDG No.:	Q2924
Lab Sample ID:	Q2924-02DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025607.D	20	08/22/25 10:34	08/27/25 17:44	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	210	UD	82.3	210	ug/L
108-95-2	Phenol	110	UD	19.2	110	ug/L
111-44-4	bis(2-Chloroethyl)ether	110	UD	17.1	110	ug/L
95-57-8	2-Chlorophenol	110	UD	12.2	110	ug/L
95-48-7	2-Methylphenol	110	UD	23.6	110	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	110	UD	26.9	110	ug/L
98-86-2	Acetophenone	110	UD	15.6	110	ug/L
65794-96-9	3+4-Methylphenols	210	UD	23.2	210	ug/L
621-64-7	n-Nitroso-di-n-propylamine	52.6	UD	29.7	52.6	ug/L
67-72-1	Hexachloroethane	110	UD	13.7	110	ug/L
98-95-3	Nitrobenzene	110	UD	16.0	110	ug/L
78-59-1	Isophorone	110	UD	15.8	110	ug/L
88-75-5	2-Nitrophenol	110	UD	37.1	110	ug/L
105-67-9	2,4-Dimethylphenol	110	UD	38.9	110	ug/L
111-91-1	bis(2-Chloroethoxy)methane	110	UD	14.3	110	ug/L
120-83-2	2,4-Dichlorophenol	110	UD	10.9	110	ug/L
91-20-3	Naphthalene	6000	ED	10.5	110	ug/L
106-47-8	4-Chloroaniline	110	UD	17.7	110	ug/L
87-68-3	Hexachlorobutadiene	110	UD	11.4	110	ug/L
105-60-2	Caprolactam	210	UD	23.8	210	ug/L
59-50-7	4-Chloro-3-methylphenol	110	UD	12.4	110	ug/L
91-57-6	2-Methylnaphthalene	610	D	11.8	110	ug/L
77-47-4	Hexachlorocyclopentadiene	210	UD	76.4	210	ug/L
88-06-2	2,4,6-Trichlorophenol	110	UD	10.7	110	ug/L
95-95-4	2,4,5-Trichlorophenol	110	UD	13.1	110	ug/L
92-52-4	1,1-Biphenyl	110	UD	11.2	110	ug/L
91-58-7	2-Chloronaphthalene	110	UD	12.8	110	ug/L
88-74-4	2-Nitroaniline	110	UD	26.5	110	ug/L
131-11-3	Dimethylphthalate	110	UD	12.8	110	ug/L

Raw Data: **BP025607.D**

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Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025DL	SDG No.:	Q2924
Lab Sample ID:	Q2924-02DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025607.D	20	08/22/25 10:34	08/27/25 17:44	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	180	D	15.8	110	ug/L
606-20-2	2,6-Dinitrotoluene	110	UD	19.4	110	ug/L
99-09-2	3-Nitroaniline	110	UD	22.1	110	ug/L
83-32-9	Acenaphthene	110	UD	11.6	110	ug/L
51-28-5	2,4-Dinitrophenol	210	UD	130	210	ug/L
100-02-7	4-Nitrophenol	210	UD	50.1	210	ug/L
132-64-9	Dibenzofuran	110	UD	12.8	110	ug/L
121-14-2	2,4-Dinitrotoluene	110	UD	25.7	110	ug/L
84-66-2	Diethylphthalate	110	UD	14.5	110	ug/L
7005-72-3	4-Chlorophenyl-phenylether	110	UD	14.3	110	ug/L
86-73-7	Fluorene	110	UD	13.3	110	ug/L
100-01-6	4-Nitroaniline	110	UD	31.6	110	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	210	UD	60.6	210	ug/L
86-30-6	n-Nitrosodiphenylamine	110	UD	12.2	110	ug/L
101-55-3	4-Bromophenyl-phenylether	110	UD	8.40	110	ug/L
118-74-1	Hexachlorobenzene	110	UD	10.9	110	ug/L
1912-24-9	Atrazine	110	UD	21.3	110	ug/L
87-86-5	Pentachlorophenol	210	UD	33.3	210	ug/L
85-01-8	Phenanthrene	110	UD	10.5	110	ug/L
120-12-7	Anthracene	110	UD	12.8	110	ug/L
86-74-8	Carbazole	110	UD	15.2	110	ug/L
84-74-2	Di-n-butylphthalate	110	UD	25.7	110	ug/L
206-44-0	Fluoranthene	110	UD	17.3	110	ug/L
129-00-0	Pyrene	110	UD	10.5	110	ug/L
85-68-7	Butylbenzylphthalate	110	UD	40.6	110	ug/L
91-94-1	3,3-Dichlorobenzidine	210	UD	19.6	210	ug/L
56-55-3	Benzo(a)anthracene	110	UD	9.50	110	ug/L
218-01-9	Chrysene	110	UD	9.30	110	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	110	UD	33.7	110	ug/L
117-84-0	Di-n-octyl phthalate	210	UD	49.3	210	ug/L
205-99-2	Benzo(b)fluoranthene	110	UD	10.3	110	ug/L

Raw Data: **BP025607.D**

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Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025DL	SDG No.:	Q2924
Lab Sample ID:	Q2924-02DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025607.D	20	08/22/25 10:34	08/27/25 17:44	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	110	UD	10.1	110	ug/L
50-32-8	Benzo(a)pyrene	110	UD	11.6	110	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	110	UD	12.4	110	ug/L
53-70-3	Dibenzo(a,h)anthracene	110	UD	14.1	110	ug/L
191-24-2	Benzo(g,h,i)perylene	110	UD	14.5	110	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	110	UD	10.9	110	ug/L
123-91-1	1,4-Dioxane	110	UD	21.1	110	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	110	UD	15.2	110	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	63.7		23 - 138	42%	SPK: 150
13127-88-3	Phenol-d6	31.8		10 - 134	21%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.1		67 - 132	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.0		52 - 132	83%	SPK: 100
118-79-6	2,4,6-Tribromophenol	114		44 - 137	76%	SPK: 150
1718-51-0	Terphenyl-d14	77.0		42 - 152	77%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	147000	7.772			
1146-65-2	Naphthalene-d8	575000	10.543			
15067-26-2	Acenaphthene-d10	353000	14.389			
1517-22-2	Phenanthrene-d10	694000	17.189			
1719-03-5	Chrysene-d12	837000	21.636			
1520-96-3	Perylene-d12	1050000	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

Sample Results: **BP025607.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025607.D
Acq On : 27 Aug 2025 17:44
Operator : CG/JU
Sample : Q2924-02DL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-201-082025DL

Quant Time: Aug 27 18:11:38 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

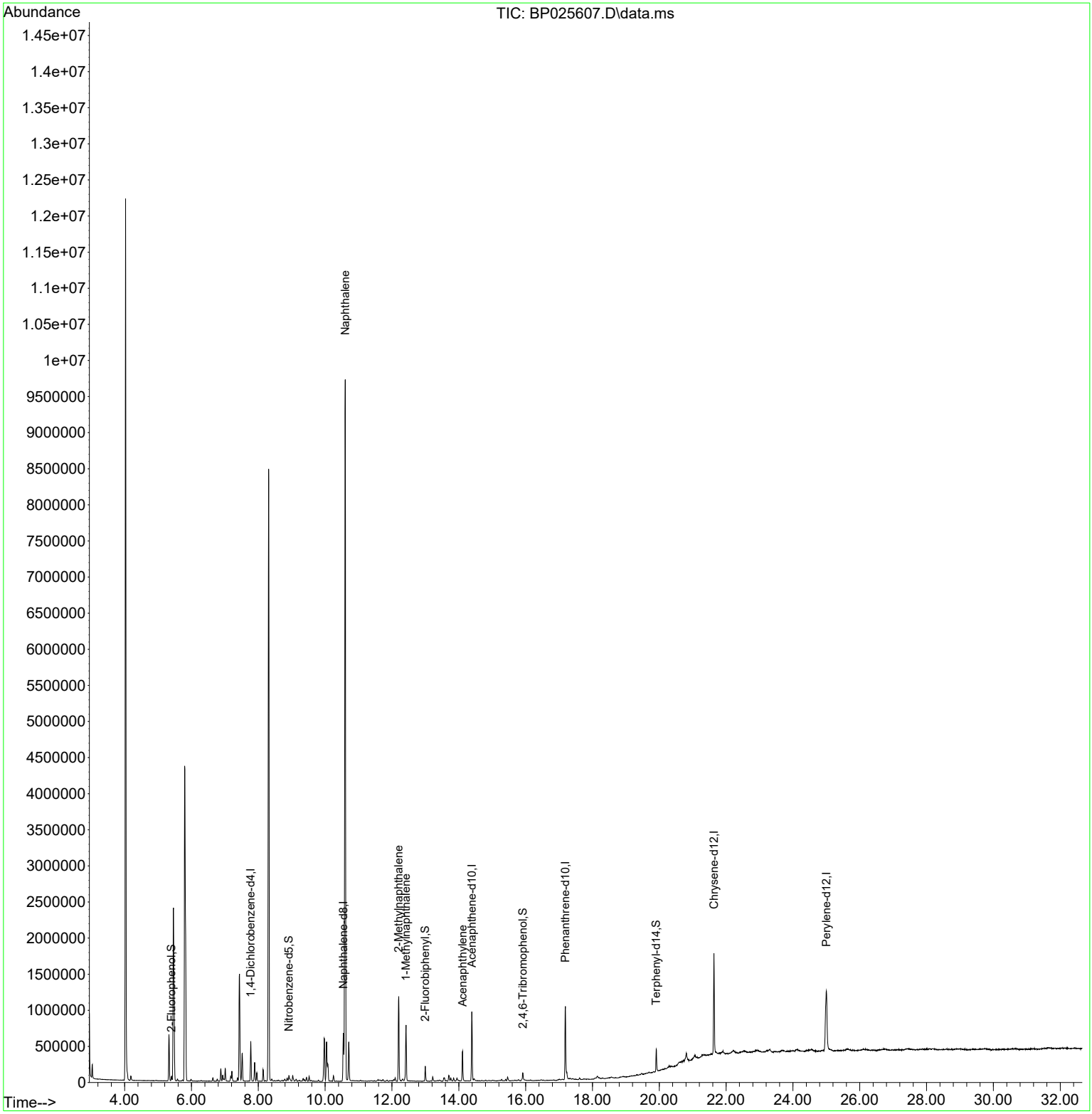
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	147420	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	575398	20.000	ng	-0.02
39) Acenaphthene-d10	14.389	164	352604	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	694303	20.000	ng	-0.01
76) Chrysene-d12	21.636	240	837318	20.000	ng	-0.01
86) Perylene-d12	25.001	264	1049342	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	28294	3.187	ng	0.00
7) Phenol-d6	6.966	99	18121	1.592	ng	0.00
23) Nitrobenzene-d5	8.913	82	43834	3.854	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	27078	5.705	ng	0.00
45) 2-Fluorobiphenyl	12.995	172	107008	4.148	ng	-0.02
79) Terphenyl-d14	19.907	244	176311	3.852	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.601	128	8491335	283.928	ng	99
37) 2-Methylnaphthalene	12.201	142	567991	29.184	ng	99
38) 1-Methylnaphthalene	12.419	142	373125	18.028	ng	98
49) Acenaphthylene	14.113	152	288909	8.758	ng	100

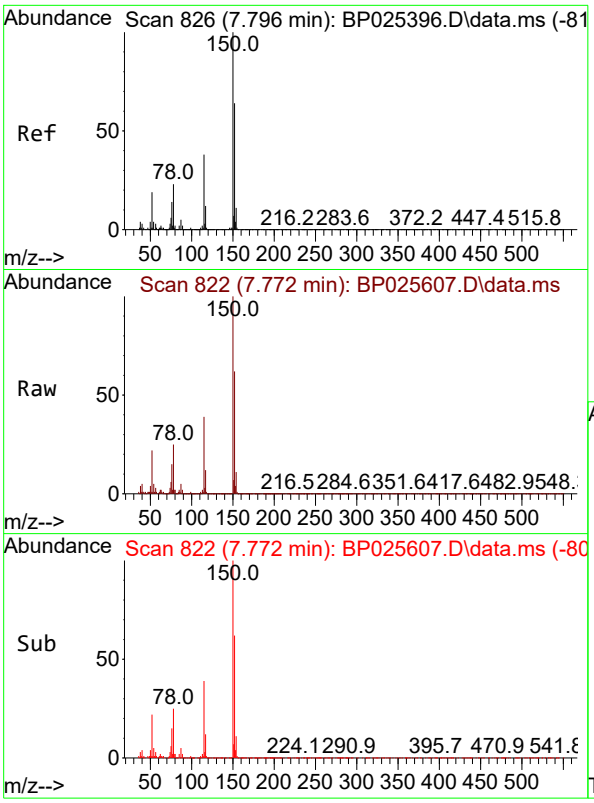
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025607.D
Acq On : 27 Aug 2025 17:44
Operator : CG/JU
Sample : Q2924-02DL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-201-082025DL

Quant Time: Aug 27 18:11:38 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



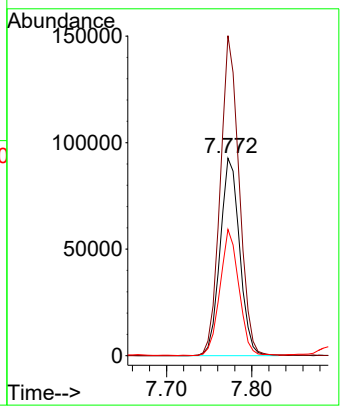


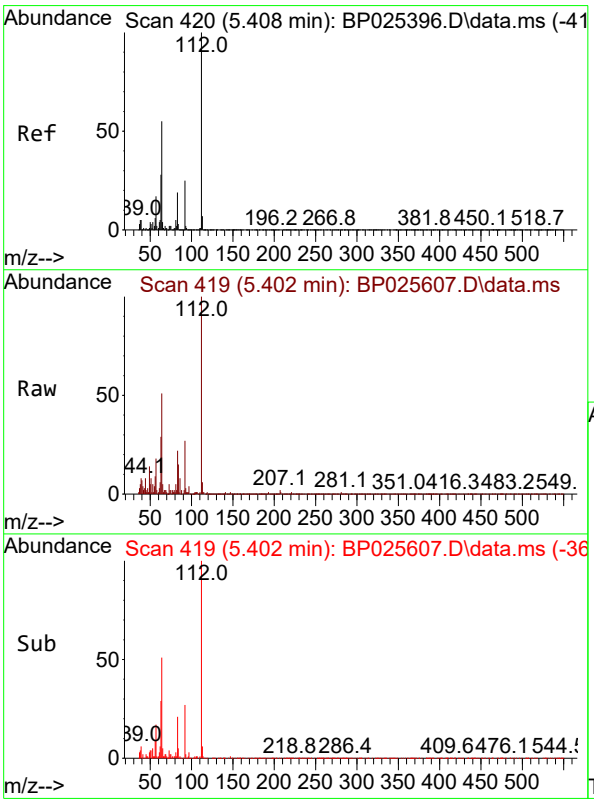
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 8
Delta R.T. -0.024 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Instrument :
BNA_P
ClientSampleId :
MW-201-082025DL

Tgt Ion:152 Resp: 147420

Ion	Ratio	Lower	Upper
152	100		
150	162.1	125.9	188.9
115	63.9	48.5	72.7

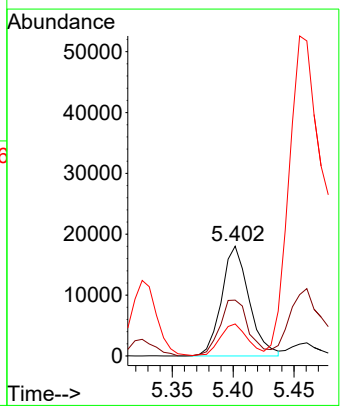


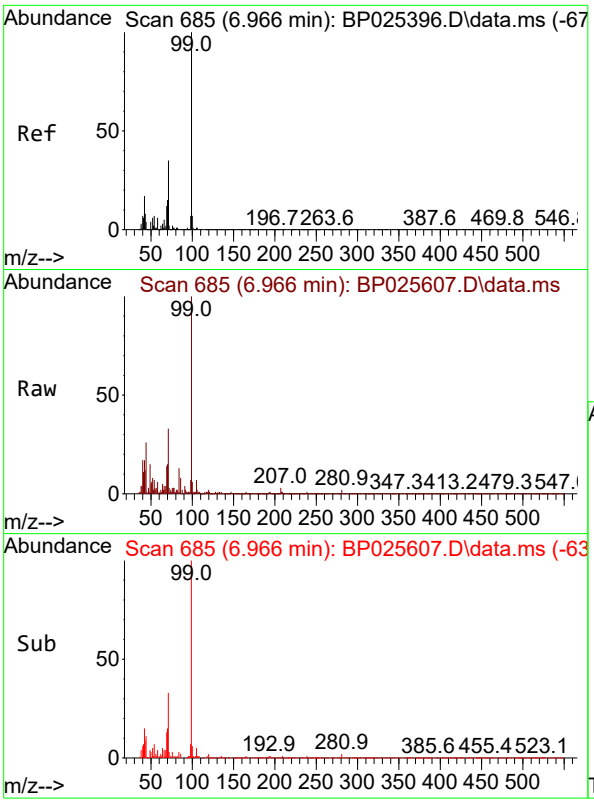


#5
2-Fluorophenol
Concen: 3.187 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Tgt Ion:112 Resp: 28294

Ion	Ratio	Lower	Upper
112	100		
64	50.9	43.8	65.8
63	29.1	22.7	34.1



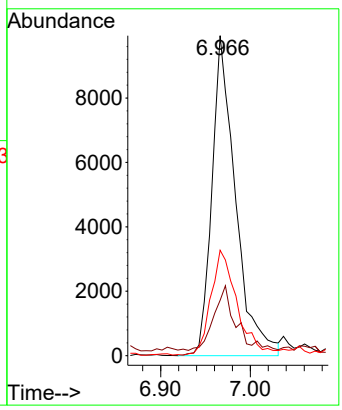


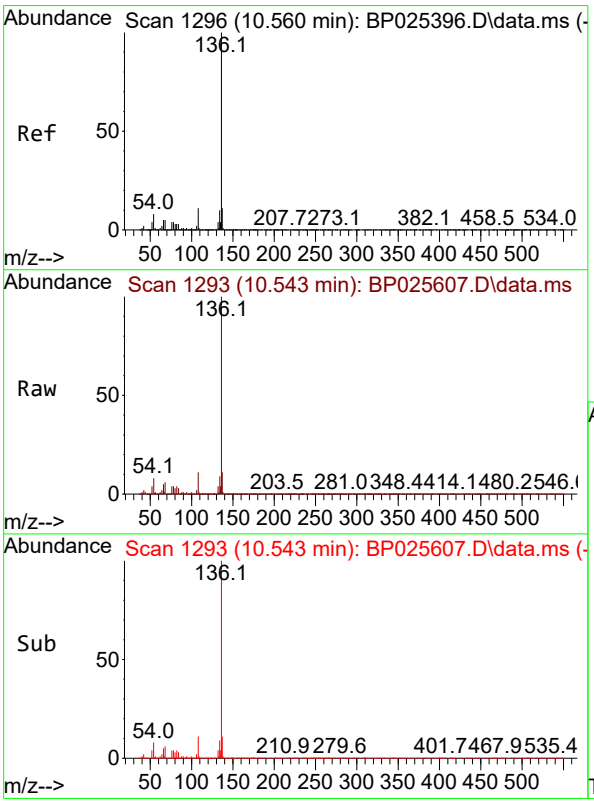
#7
Phenol-d6
Concen: 1.592 ng
RT: 6.966 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Instrument :
BNA_P
ClientSampleId :
MW-201-082025DL

Tgt Ion: 99 Resp: 18121

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.7	20.5
71	32.9	28.2	42.4

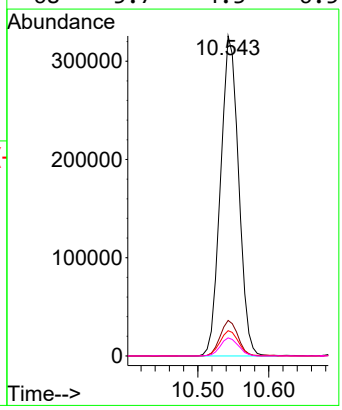


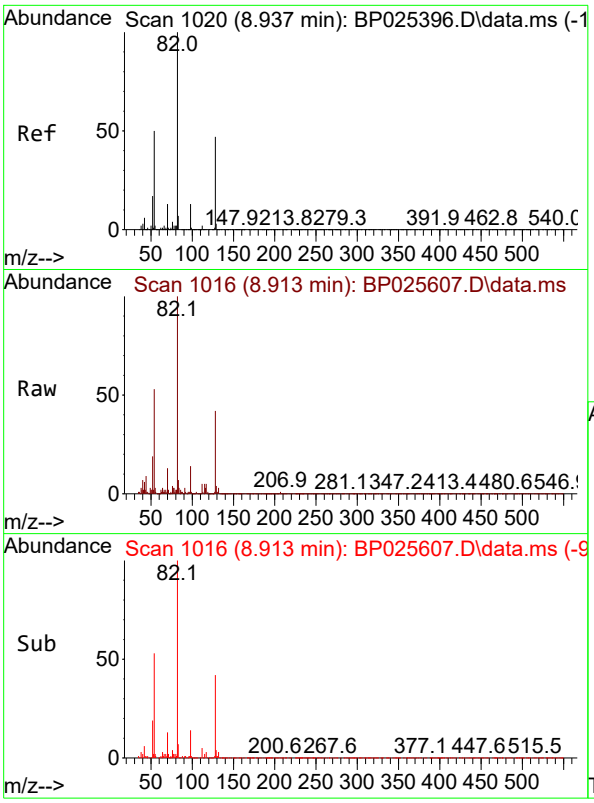


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Tgt Ion:136 Resp: 575398

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	7.9	6.0	9.0
68	5.7	4.3	6.5



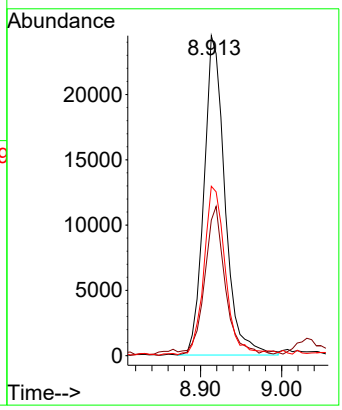


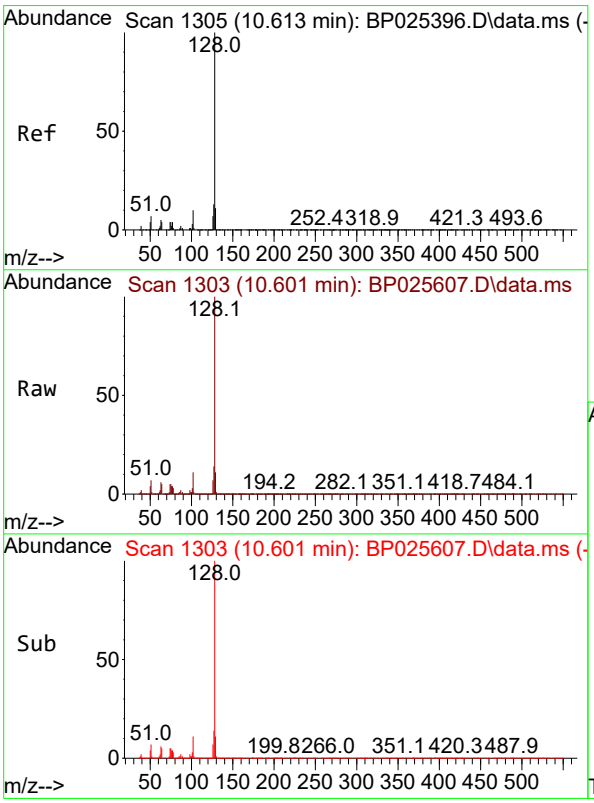
#23
Nitrobenzene-d5
Concen: 3.854 ng
RT: 8.913 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Instrument :
BNA_P
ClientSampleId :
MW-201-082025DL

Tgt Ion: 82 Resp: 43834

Ion	Ratio	Lower	Upper
82	100		
128	42.4	37.7	56.5
54	53.0	39.8	59.6

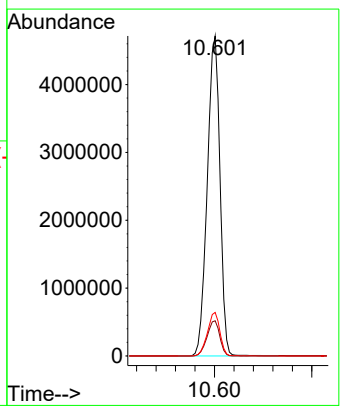


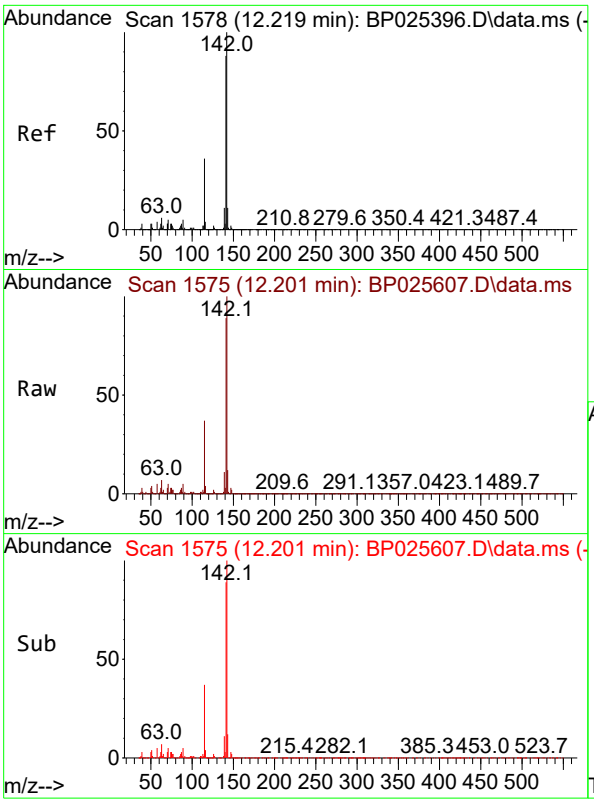


#31
Naphthalene
Concen: 283.928 ng
RT: 10.601 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Tgt Ion:128 Resp: 8491335

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.6	10.7	16.1



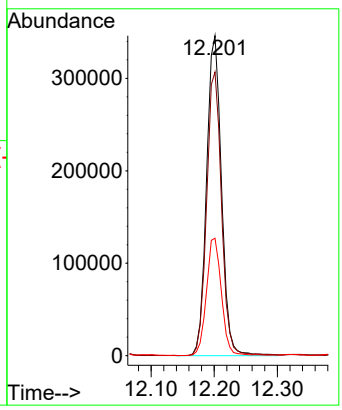


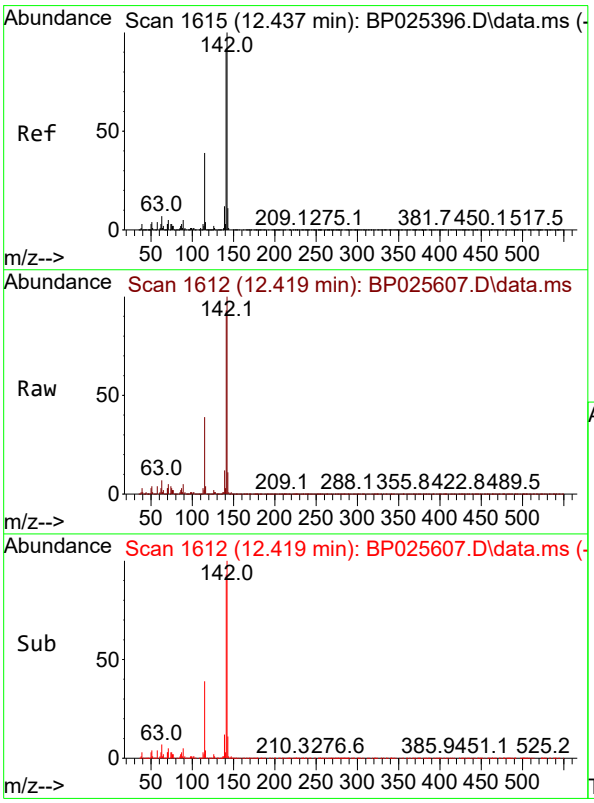
#37
2-Methylnaphthalene
Concen: 29.184 ng
RT: 12.201 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Instrument :
BNA_P
ClientSampleId :
MW-201-082025DL

Tgt Ion:142 Resp: 567991

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.3	105.5
115	36.7	28.9	43.3

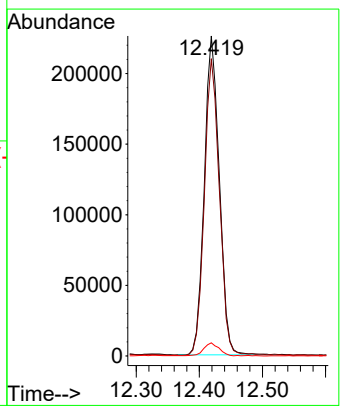


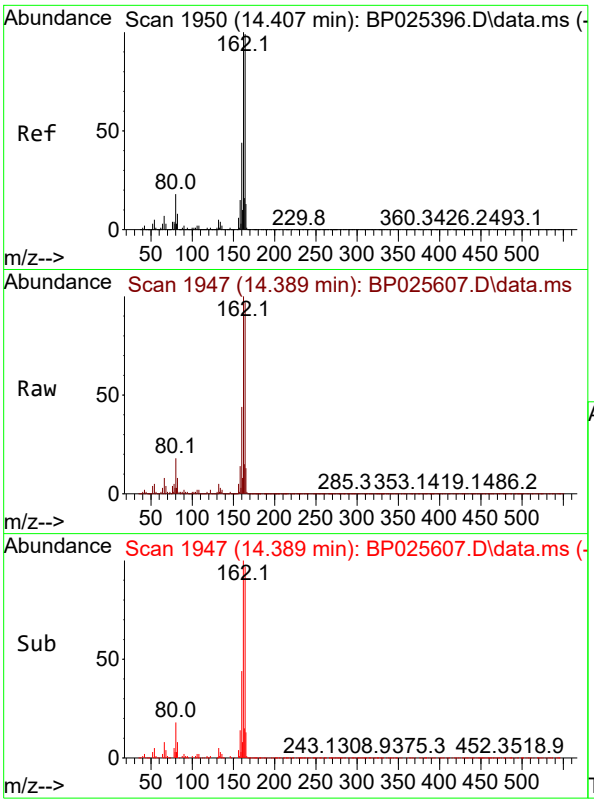


#38
1-Methylnaphthalene
Concen: 18.028 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Tgt Ion:142 Resp: 373125

Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.1	109.7
116	4.1	3.2	4.8



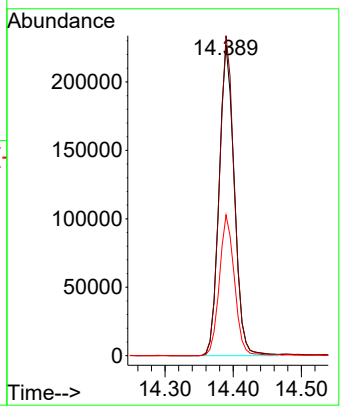


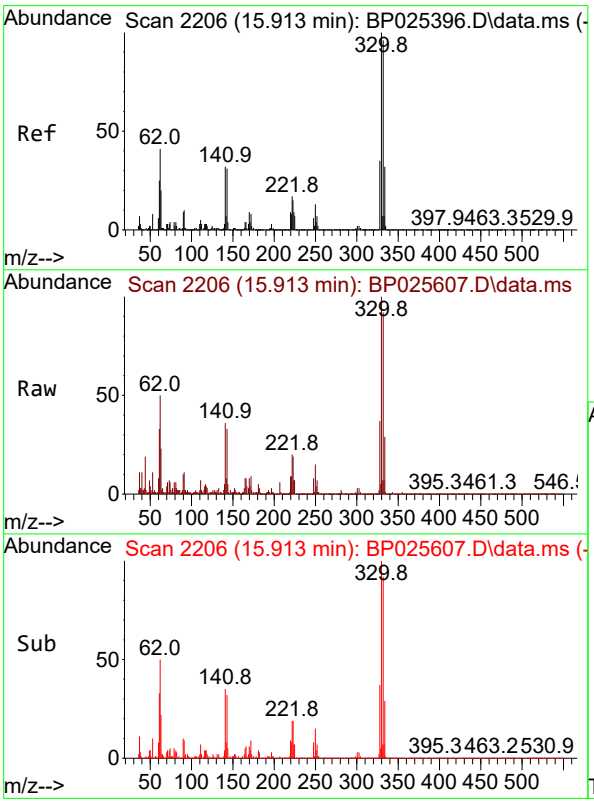
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Instrument :
BNA_P
ClientSampleId :
MW-201-082025DL

Tgt Ion:164 Resp: 352604

Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.0	121.6
160	45.3	35.4	53.2

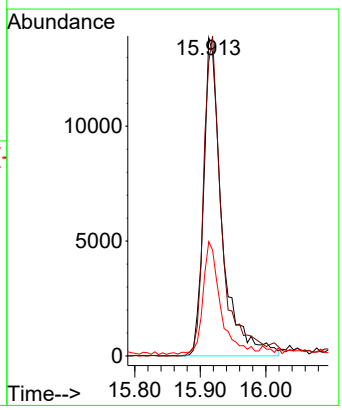


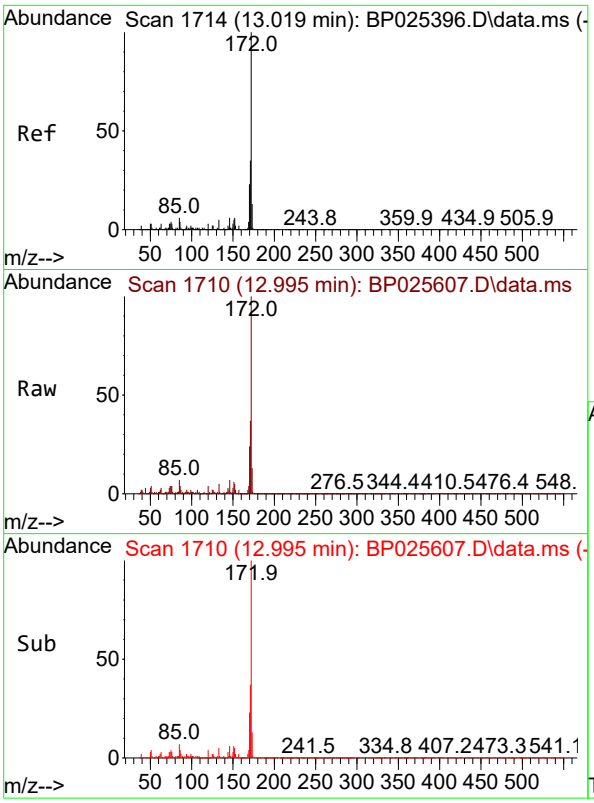


#42
2,4,6-Tribromophenol
Concen: 5.705 ng
RT: 15.913 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Tgt Ion:330 Resp: 27078

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.3	115.9
141	33.4	26.6	39.8



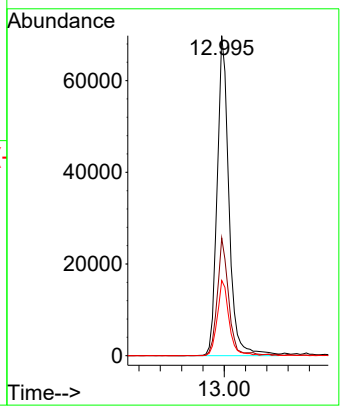


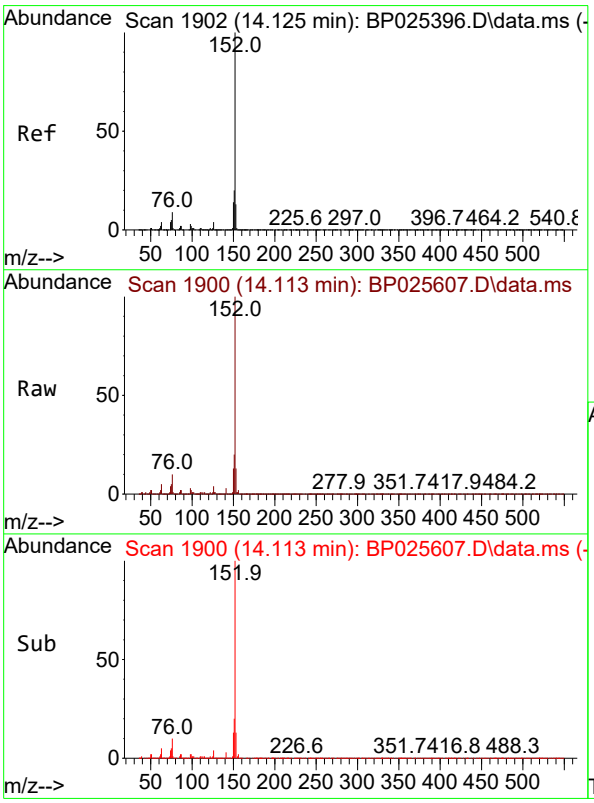
#45
2-Fluorobiphenyl
Concen: 4.148 ng
RT: 12.995 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Instrument :
BNA_P
ClientSampleId :
MW-201-082025DL

Tgt Ion:172 Resp: 107008

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.1	42.1
170	23.5	18.6	28.0

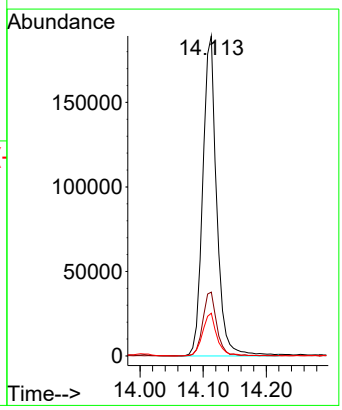


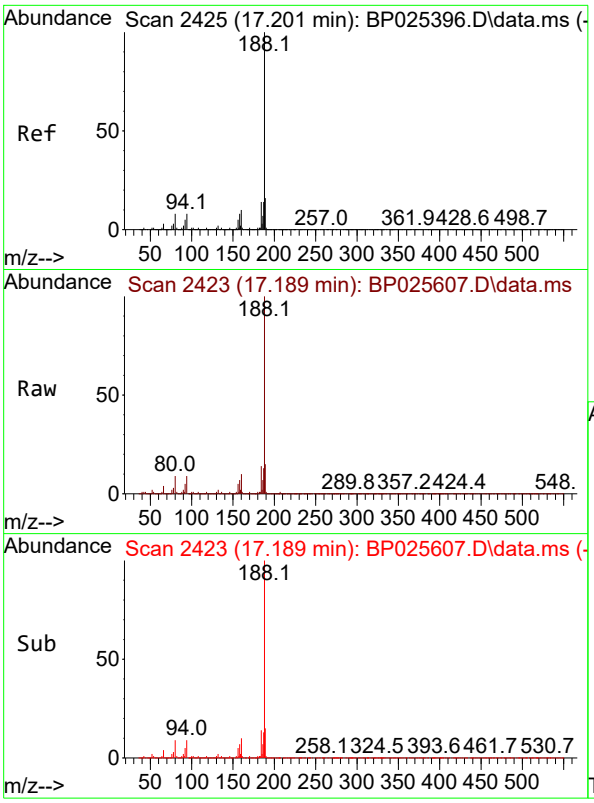


#49
Acenaphthylene
Concen: 8.758 ng
RT: 14.113 min Scan# 1900
Delta R.T. -0.012 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Tgt Ion:152 Resp: 288909

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.3	10.6	15.8



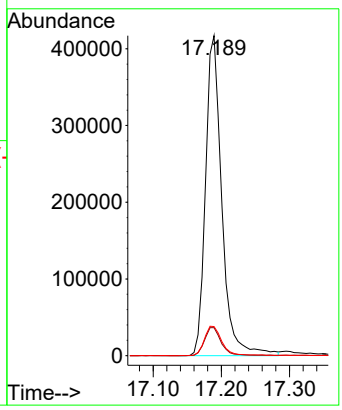


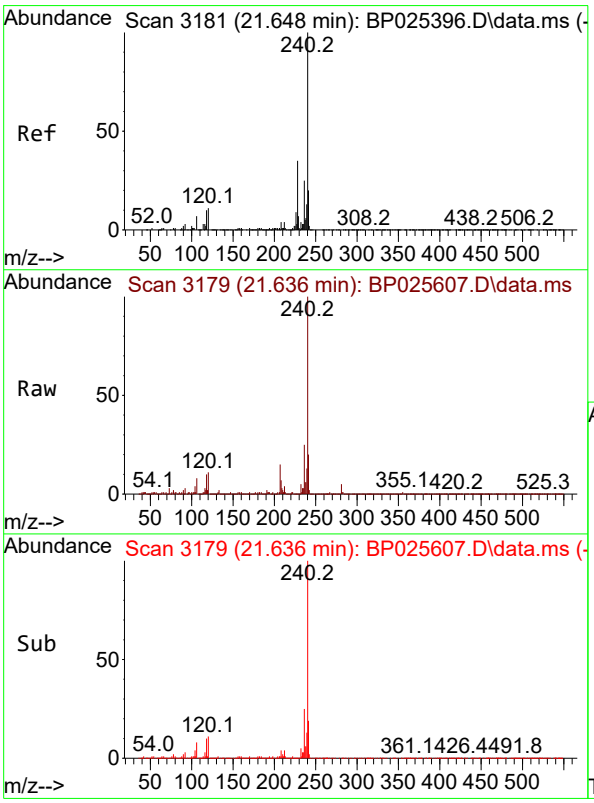
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Instrument :
BNA_P
ClientSampleId :
MW-201-082025DL

Tgt Ion:188 Resp: 694303

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	9.1	6.7	10.1

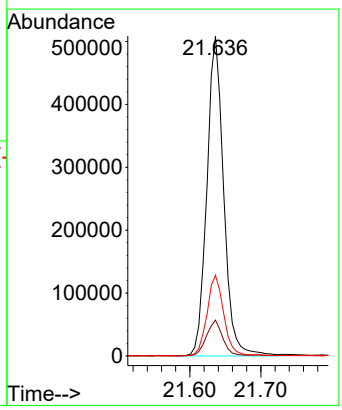


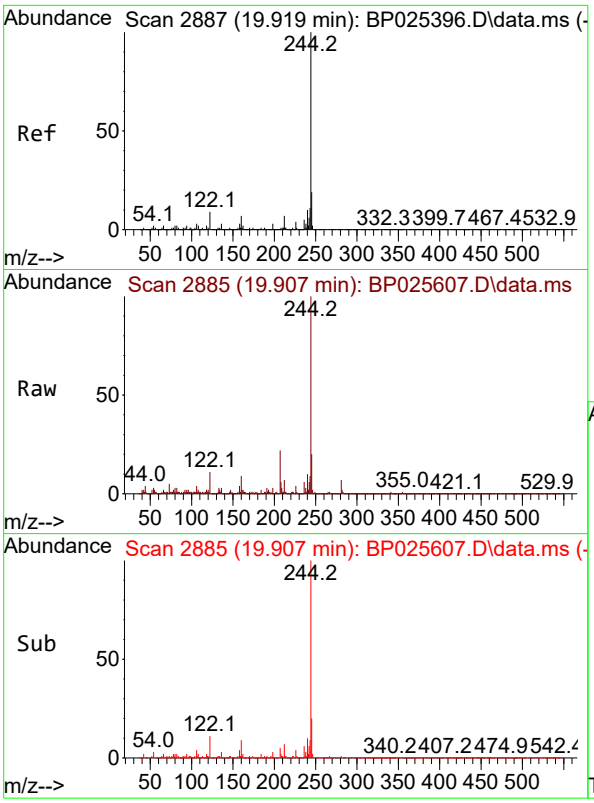


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.012 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Tgt Ion:240 Resp: 837318

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	25.2	19.8	29.8



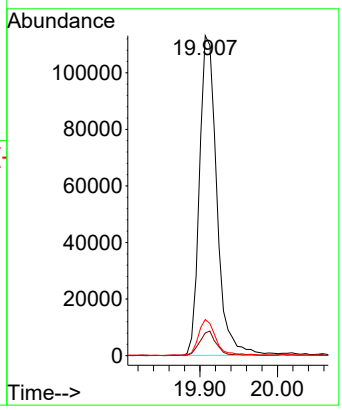


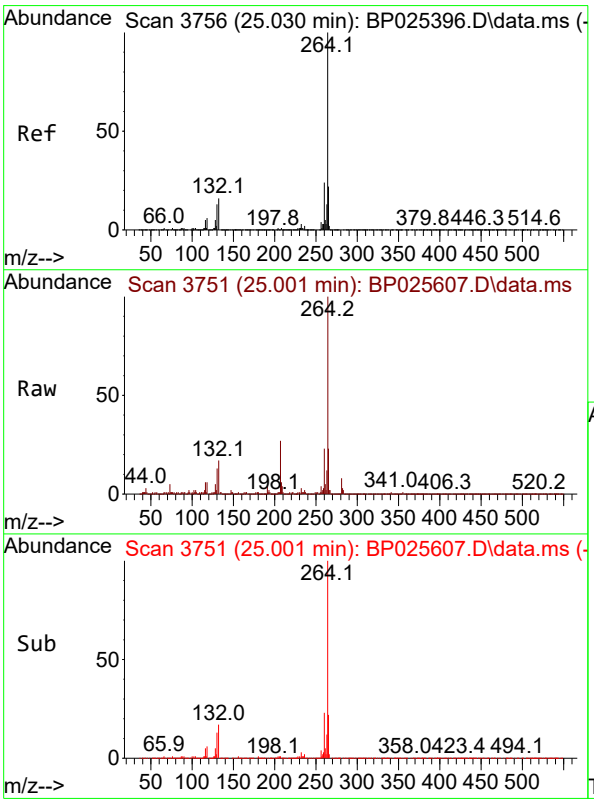
#79
Terphenyl-d14
Concen: 3.852 ng
RT: 19.907 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Instrument :
BNA_P
ClientSampleId :
MW-201-082025DL

Tgt Ion:244 Resp: 176311

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	11.3	7.4	11.2#

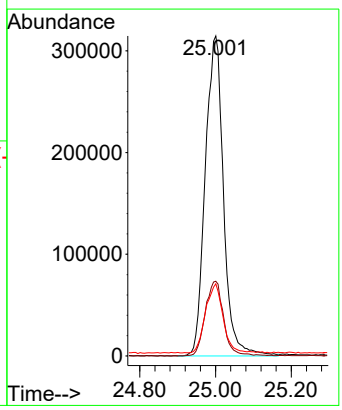




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3751
Delta R.T. -0.029 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Tgt Ion:264 Resp: 1049342

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.3	28.9
265	22.6	17.4	26.0



Raw Data: **BP025608.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025DL2	SDG No.:	Q2924
Lab Sample ID:	Q2924-02DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025608.D	200	08/22/25 10:34	08/27/25 18:26	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	2100	UD	820	2100	ug/L
108-95-2	Phenol	1100	UD	190	1100	ug/L
111-44-4	bis(2-Chloroethyl)ether	1100	UD	170	1100	ug/L
95-57-8	2-Chlorophenol	1100	UD	120	1100	ug/L
95-48-7	2-Methylphenol	1100	UD	240	1100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1100	UD	270	1100	ug/L
98-86-2	Acetophenone	1100	UD	160	1100	ug/L
65794-96-9	3+4-Methylphenols	2100	UD	230	2100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	530	UD	300	530	ug/L
67-72-1	Hexachloroethane	1100	UD	140	1100	ug/L
98-95-3	Nitrobenzene	1100	UD	160	1100	ug/L
78-59-1	Isophorone	1100	UD	160	1100	ug/L
88-75-5	2-Nitrophenol	1100	UD	370	1100	ug/L
105-67-9	2,4-Dimethylphenol	1100	UD	390	1100	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1100	UD	140	1100	ug/L
120-83-2	2,4-Dichlorophenol	1100	UD	110	1100	ug/L
91-20-3	Naphthalene	6800	D	110	1100	ug/L
106-47-8	4-Chloroaniline	1100	UD	180	1100	ug/L
87-68-3	Hexachlorobutadiene	1100	UD	110	1100	ug/L
105-60-2	Caprolactam	2100	UD	240	2100	ug/L
59-50-7	4-Chloro-3-methylphenol	1100	UD	120	1100	ug/L
91-57-6	2-Methylnaphthalene	570	JD	120	1100	ug/L
77-47-4	Hexachlorocyclopentadiene	2100	UD	760	2100	ug/L
88-06-2	2,4,6-Trichlorophenol	1100	UD	110	1100	ug/L
95-95-4	2,4,5-Trichlorophenol	1100	UD	130	1100	ug/L
92-52-4	1,1-Biphenyl	1100	UD	110	1100	ug/L
91-58-7	2-Chloronaphthalene	1100	UD	130	1100	ug/L
88-74-4	2-Nitroaniline	1100	UD	270	1100	ug/L
131-11-3	Dimethylphthalate	1100	UD	130	1100	ug/L

Raw Data: **BP025608.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025DL2	SDG No.:	Q2924
Lab Sample ID:	Q2924-02DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025608.D	200	08/22/25 10:34	08/27/25 18:26	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	1100	UD	160	1100	ug/L
606-20-2	2,6-Dinitrotoluene	1100	UD	190	1100	ug/L
99-09-2	3-Nitroaniline	1100	UD	220	1100	ug/L
83-32-9	Acenaphthene	1100	UD	120	1100	ug/L
51-28-5	2,4-Dinitrophenol	2100	UD	1300	2100	ug/L
100-02-7	4-Nitrophenol	2100	UD	500	2100	ug/L
132-64-9	Dibenzofuran	1100	UD	130	1100	ug/L
121-14-2	2,4-Dinitrotoluene	1100	UD	260	1100	ug/L
84-66-2	Diethylphthalate	1100	UD	150	1100	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1100	UD	140	1100	ug/L
86-73-7	Fluorene	1100	UD	130	1100	ug/L
100-01-6	4-Nitroaniline	1100	UD	320	1100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2100	UD	610	2100	ug/L
86-30-6	n-Nitrosodiphenylamine	1100	UD	120	1100	ug/L
101-55-3	4-Bromophenyl-phenylether	1100	UD	84.2	1100	ug/L
118-74-1	Hexachlorobenzene	1100	UD	110	1100	ug/L
1912-24-9	Atrazine	1100	UD	210	1100	ug/L
87-86-5	Pentachlorophenol	2100	UD	330	2100	ug/L
85-01-8	Phenanthrene	1100	UD	110	1100	ug/L
120-12-7	Anthracene	1100	UD	130	1100	ug/L
86-74-8	Carbazole	1100	UD	150	1100	ug/L
84-74-2	Di-n-butylphthalate	1100	UD	260	1100	ug/L
206-44-0	Fluoranthene	1100	UD	170	1100	ug/L
129-00-0	Pyrene	1100	UD	110	1100	ug/L
85-68-7	Butylbenzylphthalate	1100	UD	410	1100	ug/L
91-94-1	3,3-Dichlorobenzidine	2100	UD	200	2100	ug/L
56-55-3	Benzo(a)anthracene	1100	UD	94.7	1100	ug/L
218-01-9	Chrysene	1100	UD	92.6	1100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1100	UD	340	1100	ug/L
117-84-0	Di-n-octyl phthalate	2100	UD	490	2100	ug/L
205-99-2	Benzo(b)fluoranthene	1100	UD	100	1100	ug/L

Raw Data: **BP025608.D**

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025DL2	SDG No.:	Q2924
Lab Sample ID:	Q2924-02DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025608.D	200	08/22/25 10:34	08/27/25 18:26	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	1100	UD	100	1100	ug/L
50-32-8	Benzo(a)pyrene	1100	UD	120	1100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1100	UD	120	1100	ug/L
53-70-3	Dibenzo(a,h)anthracene	1100	UD	140	1100	ug/L
191-24-2	Benzo(g,h,i)perylene	1100	UD	150	1100	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1100	UD	110	1100	ug/L
123-91-1	1,4-Dioxane	1100	UD	210	1100	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1100	UD	150	1100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	67.8		23 - 138	45%	SPK: 150
13127-88-3	Phenol-d6	14.0	*	10 - 134	9%	SPK: 150
4165-60-0	Nitrobenzene-d5	69.0		67 - 132	69%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.2		52 - 132	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	91.2		44 - 137	61%	SPK: 150
1718-51-0	Terphenyl-d14	73.4		42 - 152	73%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	151000	7.772			
1146-65-2	Naphthalene-d8	582000	10.542			
15067-26-2	Acenaphthene-d10	354000	14.389			
1517-22-2	Phenanthrene-d10	660000	17.183			
1719-03-5	Chrysene-d12	857000	21.636			
1520-96-3	Perylene-d12	1040000	25.006			

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 : BP025608.D
Acq On : 27 Aug 2025 18:26
Operator : CG/JU
Sample : Q2924-02DL2 200X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-201-082025DL2

Quant Time: Aug 28 01:06:26 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

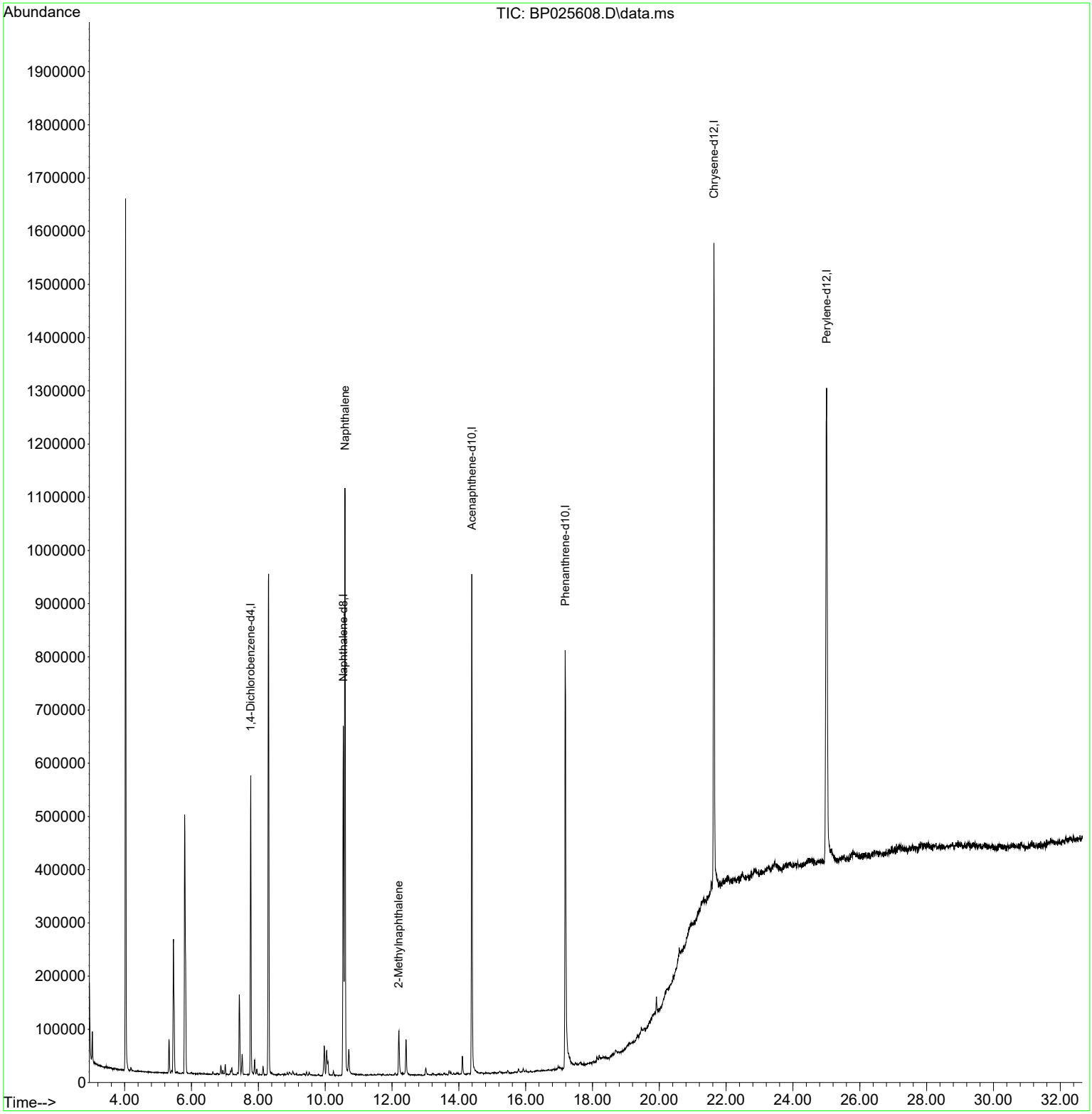
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	150824	20.000	ng	-0.02
21) Naphthalene-d8	10.542	136	581758	20.000	ng	-0.02
39) Acenaphthene-d10	14.389	164	353815	20.000	ng	-0.02
64) Phenanthrene-d10	17.183	188	659654	20.000	ng	#-0.02
76) Chrysene-d12	21.636	240	856697	20.000	ng	-0.01
86) Perylene-d12	25.006	264	1043583	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.413	112	3080	0.339	ng	0.00
7) Phenol-d6	6.984	99	819	0.070	ng	0.02
23) Nitrobenzene-d5	8.925	82	3972	0.345	ng	-0.01
42) 2,4,6-Tribromophenol	15.936	330	2170	0.456	ng	0.02
45) 2-Fluorobiphenyl	13.013	172	9875	0.381	ng	0.00
79) Terphenyl-d14	19.912	244	17171	0.367	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.595	128	977947	32.343	ng	99
37) 2-Methylnaphthalene	12.201	142	52998	2.693	ng	100

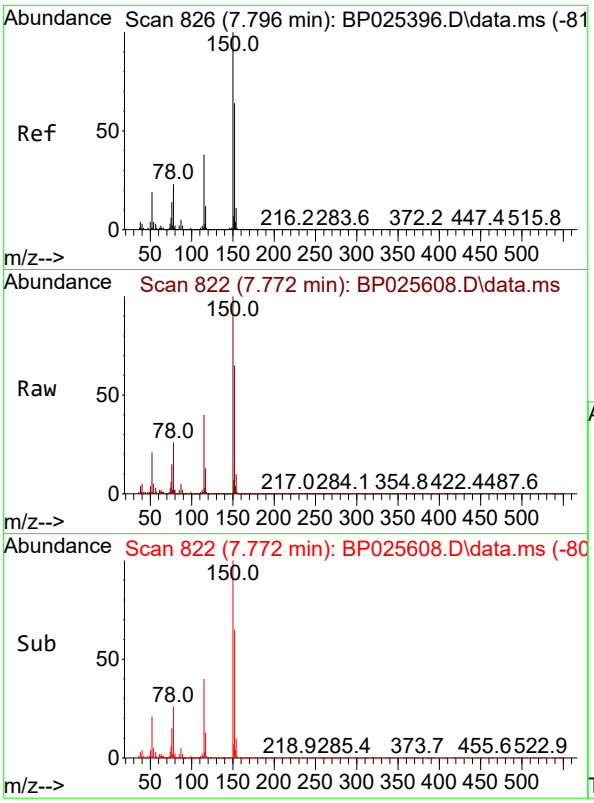
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025608.D
Acq On : 27 Aug 2025 18:26
Operator : CG/JU
Sample : Q2924-02DL2 200X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-201-082025DL2

Quant Time: Aug 28 01:06:26 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



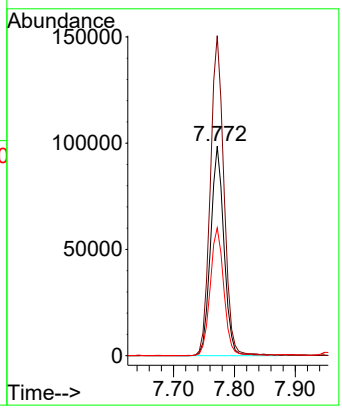


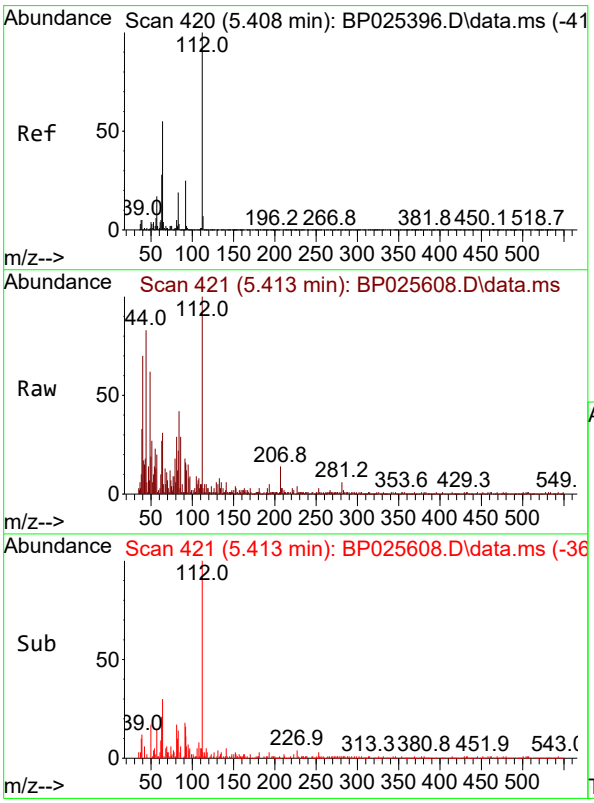
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 8
Delta R.T. -0.024 min
Lab File: BP025608.D
Acq: 27 Aug 2025 18:26

Instrument :
BNA_P
ClientSampleId :
MW-201-082025DL2

Tgt Ion:152 Resp: 150824

Ion	Ratio	Lower	Upper
152	100		
150	152.8	125.9	188.9
115	61.0	48.5	72.7

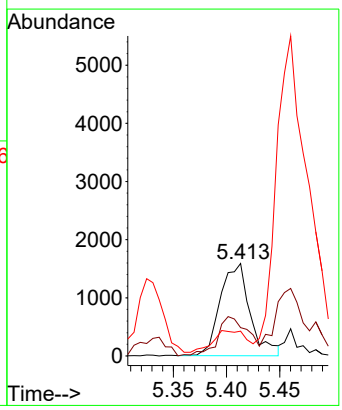


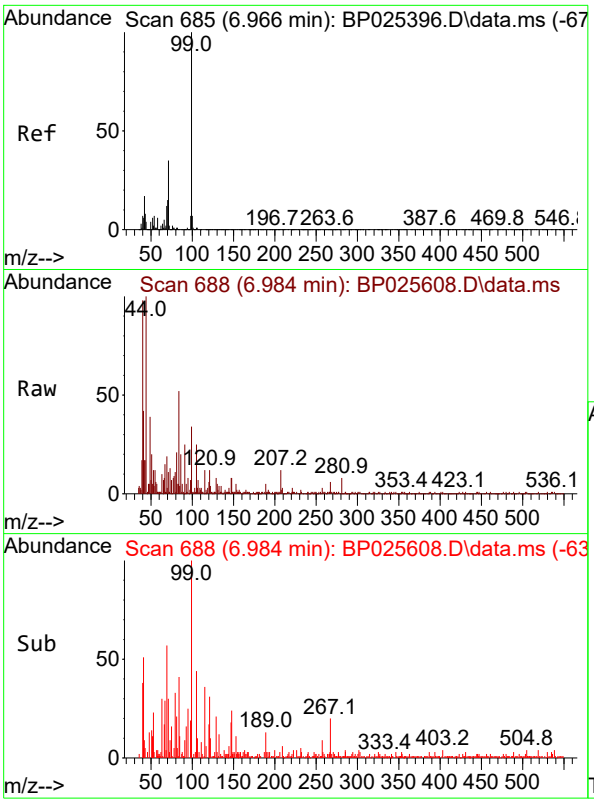


#5
2-Fluorophenol
Concen: 0.339 ng
RT: 5.413 min Scan# 421
Delta R.T. 0.006 min
Lab File: BP025608.D
Acq: 27 Aug 2025 18:26

Tgt Ion:112 Resp: 3080

Ion	Ratio	Lower	Upper
112	100		
64	30.6	43.8	65.8#
63	26.9	22.7	34.1



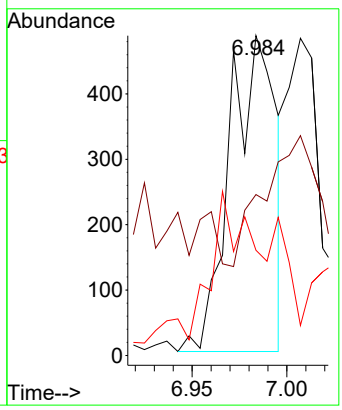


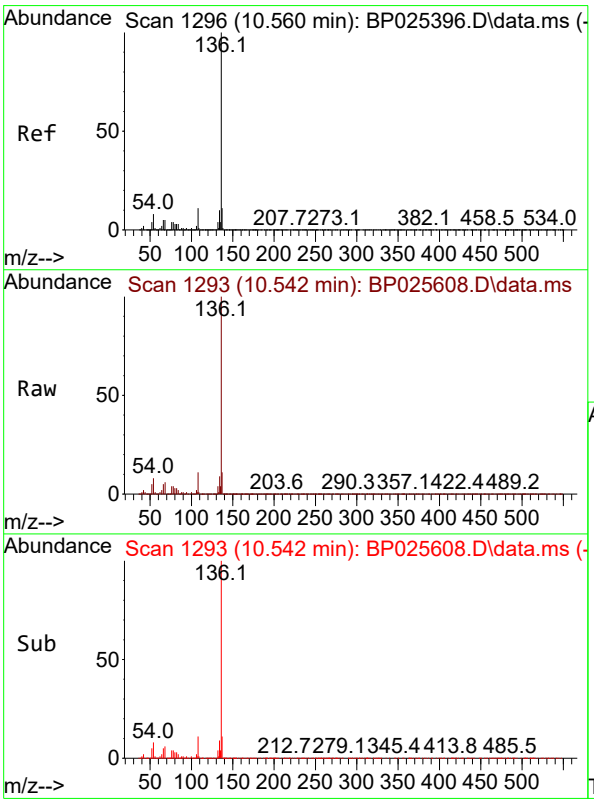
#7
Phenol-d6
Concen: 0.070 ng
RT: 6.984 min Scan# 6
Delta R.T. 0.017 min
Lab File: BP025608.D
Acq: 27 Aug 2025 18:26

Instrument :
BNA_P
ClientSampleId :
MW-201-082025DL2

Tgt Ion: 99 Resp: 819

Ion	Ratio	Lower	Upper
99	100		
42	50.3	13.7	20.5#
71	32.9	28.2	42.4

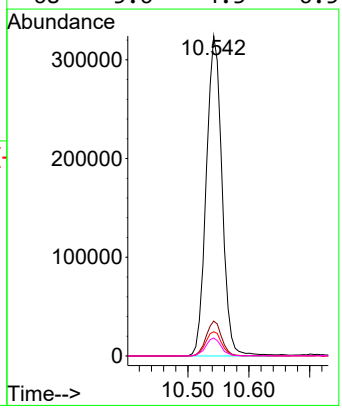


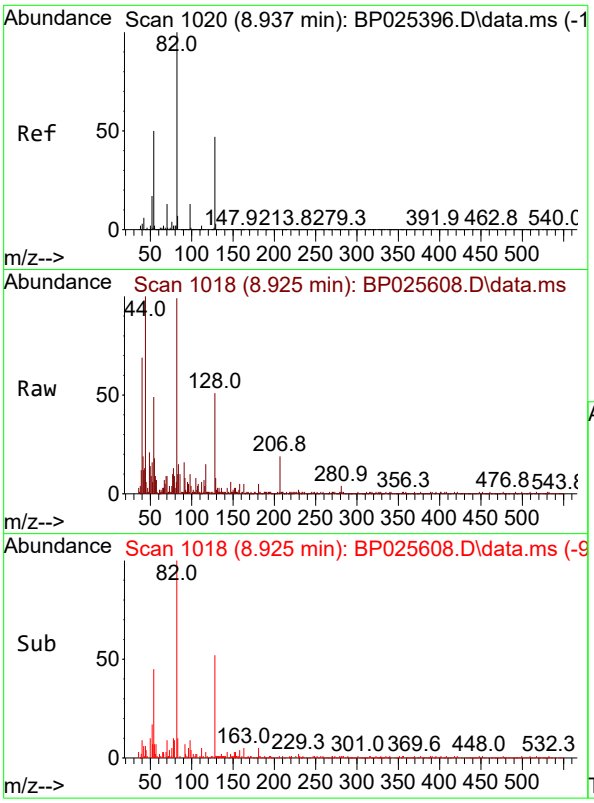


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.542 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025608.D
Acq: 27 Aug 2025 18:26

Tgt Ion:136 Resp: 581758

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.5	6.0	9.0
68	5.6	4.3	6.5



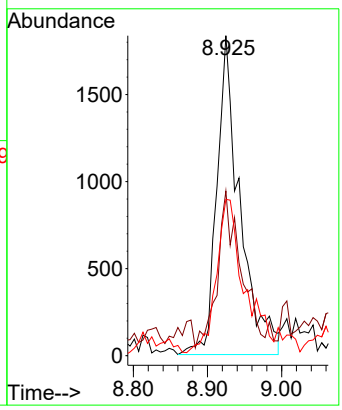


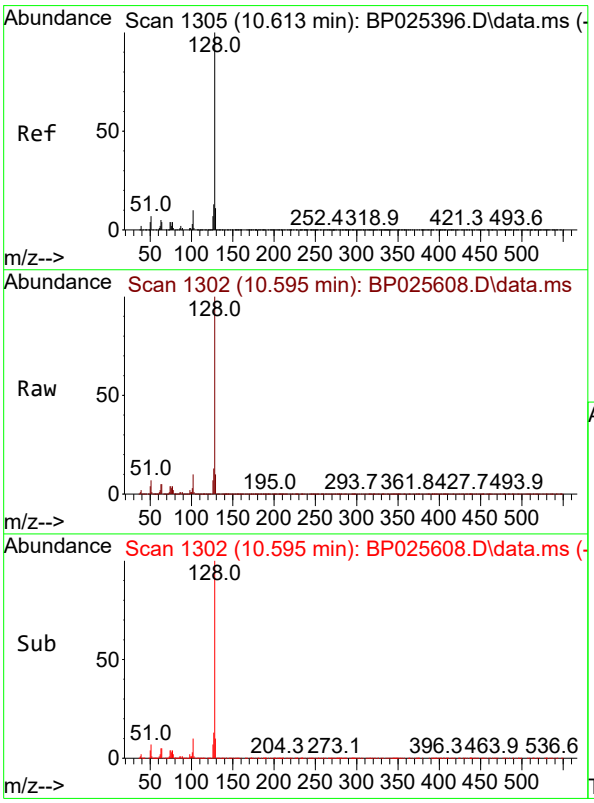
#23
Nitrobenzene-d5
Concen: 0.345 ng
RT: 8.925 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025608.D
Acq: 27 Aug 2025 18:26

Instrument :
BNA_P
ClientSampleId :
MW-201-082025DL2

Tgt Ion: 82 Resp: 3972

Ion	Ratio	Lower	Upper
82	100		
128	51.5	37.7	56.5
54	48.9	39.8	59.6

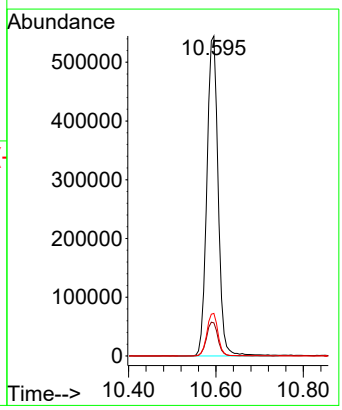


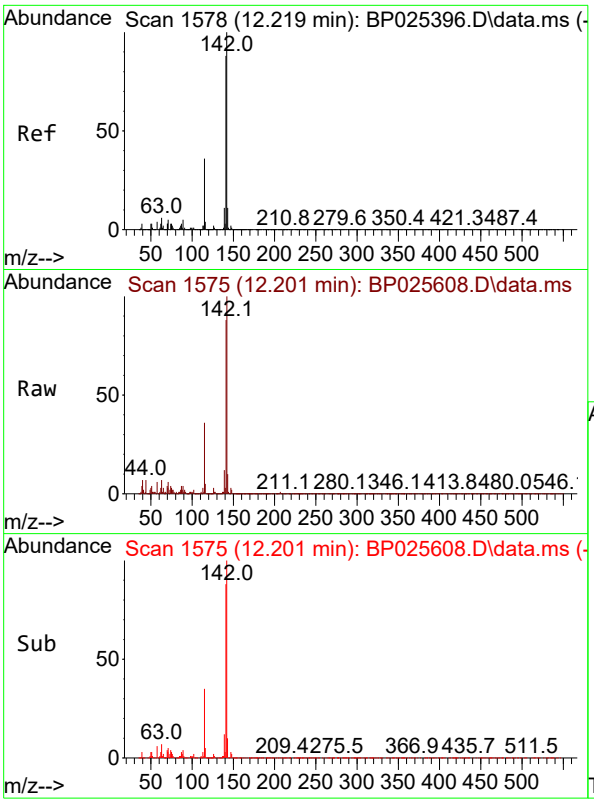


#31
Naphthalene
Concen: 32.343 ng
RT: 10.595 min Scan# 1302
Delta R.T. -0.018 min
Lab File: BP025608.D
Acq: 27 Aug 2025 18:26

Tgt Ion:128 Resp: 977947

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.6	13.0
127	13.3	10.7	16.1



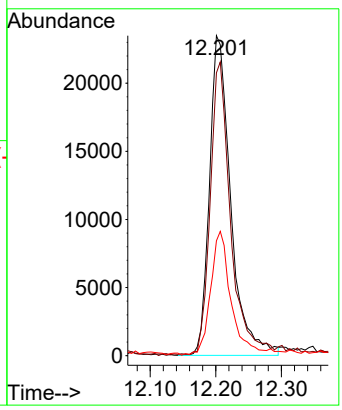


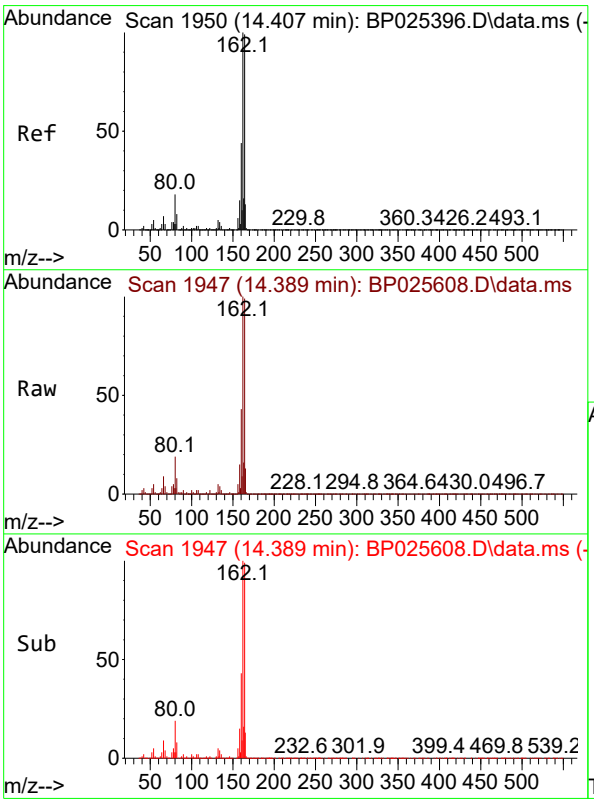
#37
2-Methylnaphthalene
Concen: 2.693 ng
RT: 12.201 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025608.D
Acq: 27 Aug 2025 18:26

Instrument :
BNA_P
ClientSampleId :
MW-201-082025DL2

Tgt Ion:142 Resp: 52998

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.3	105.5
115	35.9	28.9	43.3

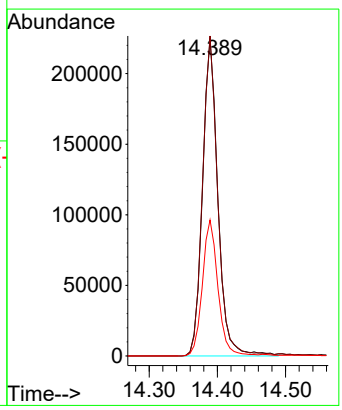


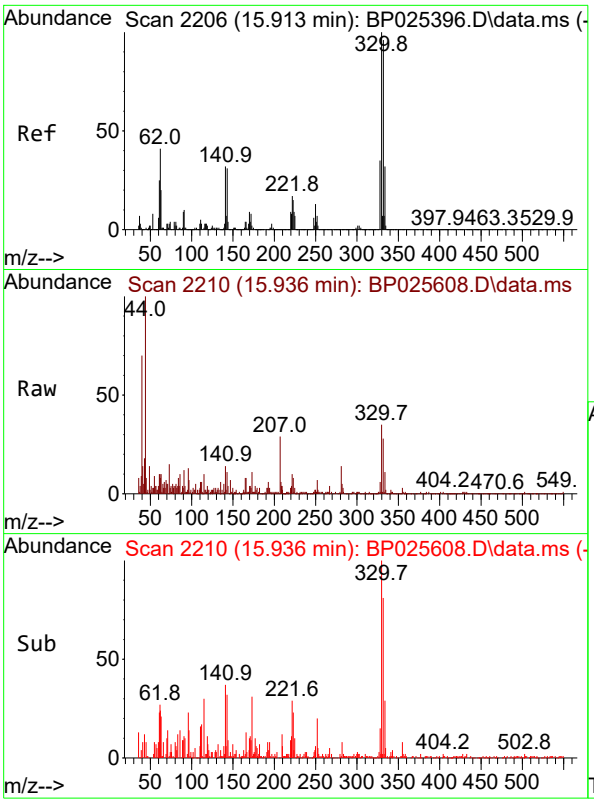


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025608.D
Acq: 27 Aug 2025 18:26

Tgt Ion:164 Resp: 353815

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.0	121.6
160	42.8	35.4	53.2



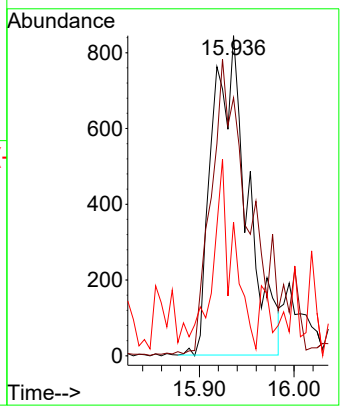


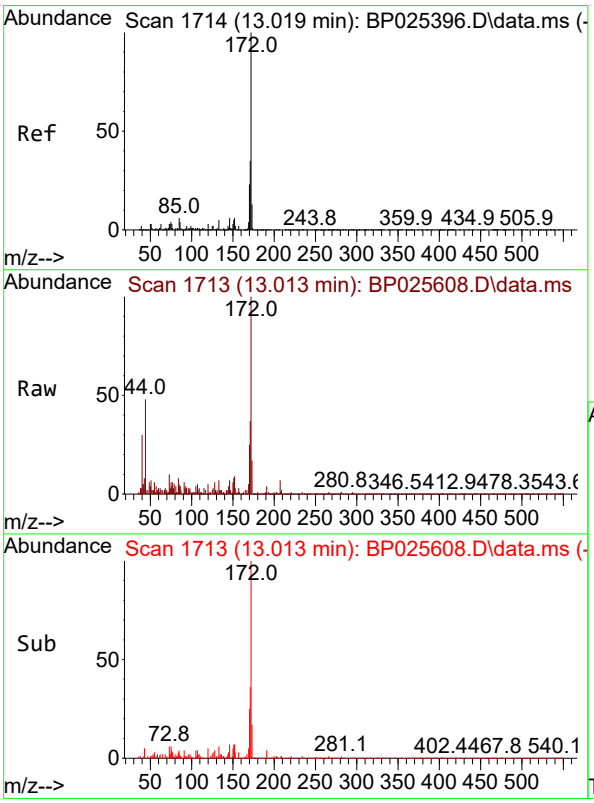
#42
2,4,6-Tribromophenol
Concen: 0.456 ng
RT: 15.936 min Scan# 2
Delta R.T. 0.023 min
Lab File: BP025608.D
Acq: 27 Aug 2025 18:26

Instrument :
BNA_P
ClientSampleId :
MW-201-082025DL2

Tgt Ion:330 Resp: 2170

Ion	Ratio	Lower	Upper
330	100		
332	91.8	77.3	115.9
141	33.7	26.6	39.8

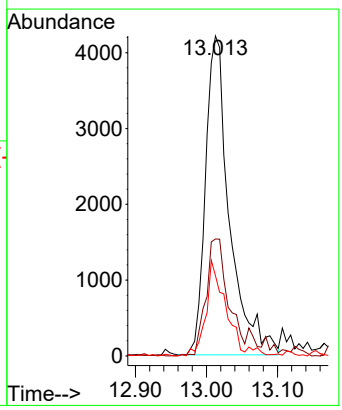


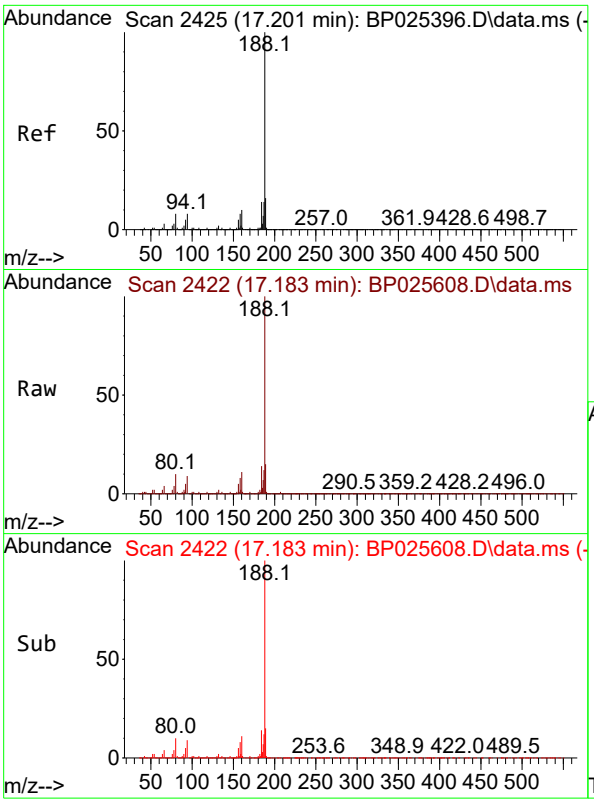


#45
2-Fluorobiphenyl
Concen: 0.381 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025608.D
Acq: 27 Aug 2025 18:26

Tgt Ion:172 Resp: 9875

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.1	42.1
170	25.1	18.6	28.0



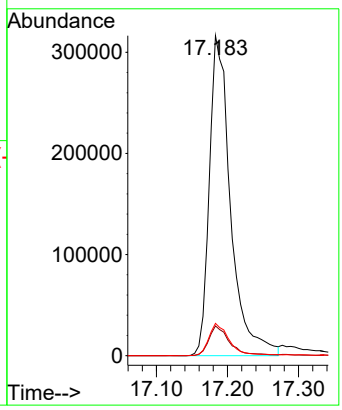


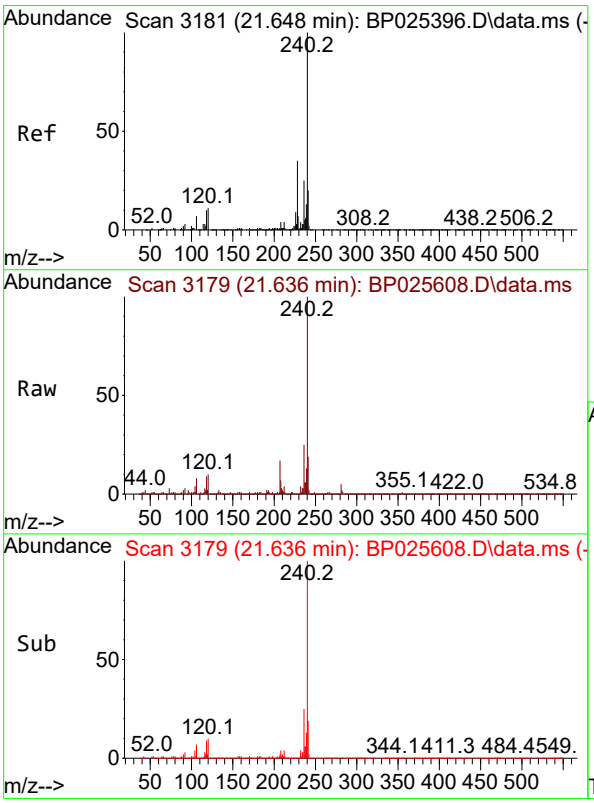
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.183 min Scan# 24
Delta R.T. -0.018 min
Lab File: BP025608.D
Acq: 27 Aug 2025 18:26

Instrument :
BNA_P
ClientSampleId :
MW-201-082025DL2

Tgt Ion:188 Resp: 659654

Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.6	10.0
80	10.1	6.7	10.1#

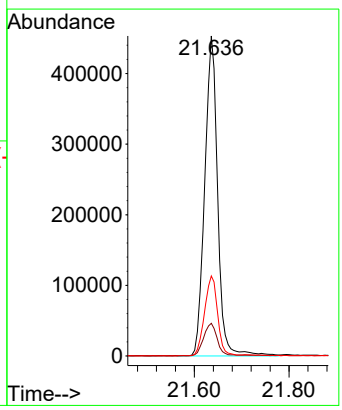


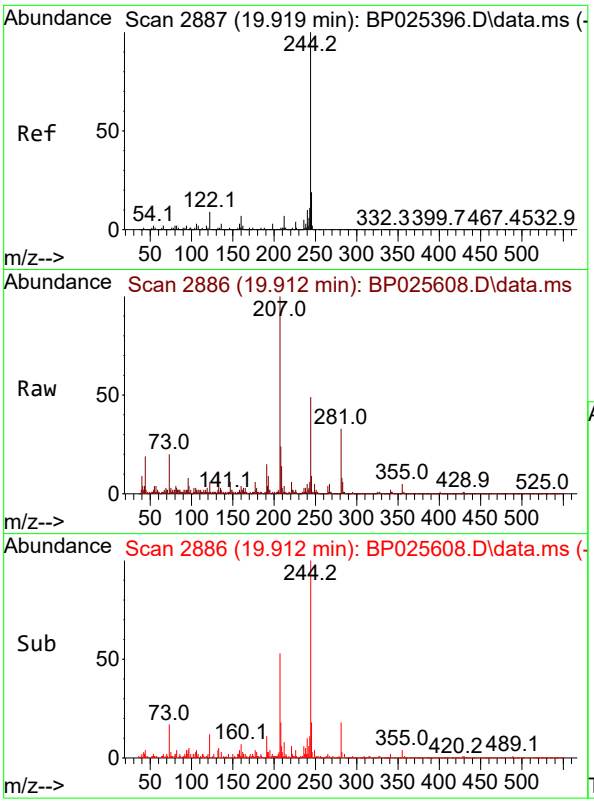


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.012 min
Lab File: BP025608.D
Acq: 27 Aug 2025 18:26

Tgt Ion:240 Resp: 856697

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.9	13.3
236	25.0	19.8	29.8



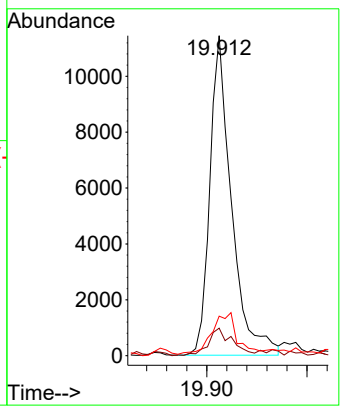


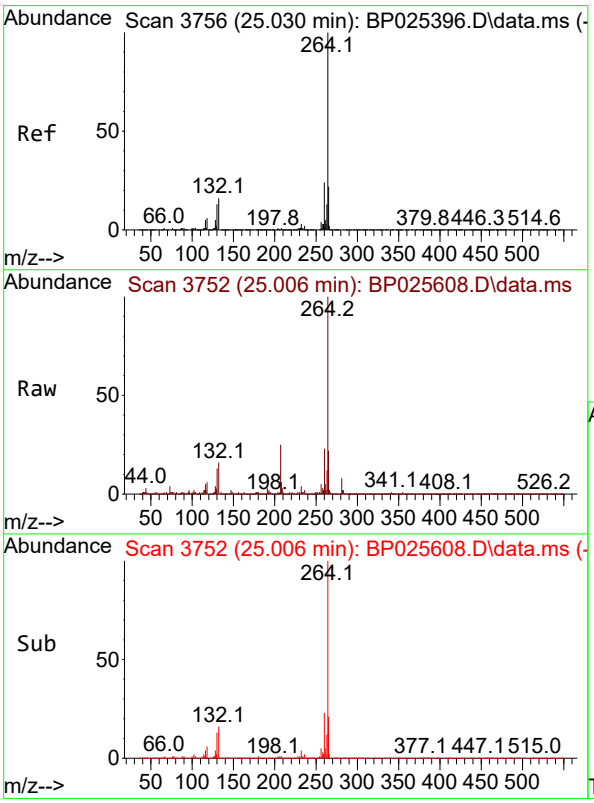
#79
Terphenyl-d14
Concen: 0.367 ng
RT: 19.912 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025608.D
Acq: 27 Aug 2025 18:26

Instrument :
BNA_P
ClientSampleId :
MW-201-082025DL2

Tgt Ion:244 Resp: 17171

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.6
122	12.3	7.4	11.2#

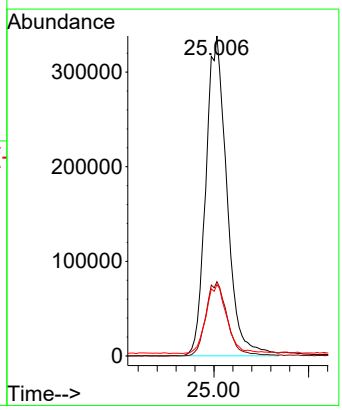




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.006 min Scan# 3752
Delta R.T. -0.024 min
Lab File: BP025608.D
Acq: 27 Aug 2025 18:26

Tgt Ion:264 Resp: 1043583

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.3	28.9
265	22.3	17.4	26.0



Raw Data: **BF143582.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2B-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-05	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143582.D	1	08/22/25 10:34	08/22/25 19:50	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.4	U	4.10	10.4	ug/L
108-95-2	Phenol	5.10	J	0.95	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.20	U	0.84	5.20	ug/L
95-57-8	2-Chlorophenol	5.20	U	0.60	5.20	ug/L
95-48-7	2-Methylphenol	5.20	U	1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.20	U	1.30	5.20	ug/L
98-86-2	Acetophenone	5.20	U	0.77	5.20	ug/L
65794-96-9	3+4-Methylphenols	10.4	U	1.10	10.4	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.60	U	1.50	2.60	ug/L
67-72-1	Hexachloroethane	5.20	U	0.68	5.20	ug/L
98-95-3	Nitrobenzene	5.20	U	0.79	5.20	ug/L
78-59-1	Isophorone	5.20	U	0.78	5.20	ug/L
88-75-5	2-Nitrophenol	5.20	U	1.80	5.20	ug/L
105-67-9	2,4-Dimethylphenol	5.20	U	1.90	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.20	U	0.71	5.20	ug/L
120-83-2	2,4-Dichlorophenol	5.20	U	0.54	5.20	ug/L
91-20-3	Naphthalene	930	E	0.52	5.20	ug/L
106-47-8	4-Chloroaniline	5.20	U	0.88	5.20	ug/L
87-68-3	Hexachlorobutadiene	5.20	U	0.56	5.20	ug/L
105-60-2	Caprolactam	10.4	U	1.20	10.4	ug/L
59-50-7	4-Chloro-3-methylphenol	5.20	U	0.61	5.20	ug/L
91-57-6	2-Methylnaphthalene	160	E	0.58	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	10.4	U	3.80	10.4	ug/L
88-06-2	2,4,6-Trichlorophenol	5.20	U	0.53	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	5.20	U	0.65	5.20	ug/L
92-52-4	1,1-Biphenyl	12.7		0.55	5.20	ug/L
91-58-7	2-Chloronaphthalene	5.20	U	0.64	5.20	ug/L
88-74-4	2-Nitroaniline	5.20	U	1.30	5.20	ug/L
131-11-3	Dimethylphthalate	5.20	U	0.64	5.20	ug/L

Raw Data: **BF143582.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2B-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-05	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143582.D	1	08/22/25 10:34	08/22/25 19:50	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.20	U	0.78	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	5.20	U	0.96	5.20	ug/L
99-09-2	3-Nitroaniline	5.20	U	1.10	5.20	ug/L
83-32-9	Acenaphthene	61.2		0.57	5.20	ug/L
51-28-5	2,4-Dinitrophenol	10.4	U	6.20	10.4	ug/L
100-02-7	4-Nitrophenol	10.4	U	2.50	10.4	ug/L
132-64-9	Dibenzofuran	2.60	J	0.64	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	5.20	U	1.30	5.20	ug/L
84-66-2	Diethylphthalate	5.20	U	0.72	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.20	U	0.71	5.20	ug/L
86-73-7	Fluorene	13.0		0.66	5.20	ug/L
100-01-6	4-Nitroaniline	5.20	U	1.60	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.4	U	3.00	10.4	ug/L
86-30-6	n-Nitrosodiphenylamine	5.20	U	0.60	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	5.20	U	0.42	5.20	ug/L
118-74-1	Hexachlorobenzene	5.20	U	0.54	5.20	ug/L
1912-24-9	Atrazine	5.20	U	1.10	5.20	ug/L
87-86-5	Pentachlorophenol	10.4	U	1.60	10.4	ug/L
85-01-8	Phenanthrene	17.2		0.52	5.20	ug/L
120-12-7	Anthracene	2.60	J	0.64	5.20	ug/L
86-74-8	Carbazole	5.80		0.75	5.20	ug/L
84-74-2	Di-n-butylphthalate	5.20	U	1.30	5.20	ug/L
206-44-0	Fluoranthene	5.20	U	0.85	5.20	ug/L
129-00-0	Pyrene	5.20	U	0.52	5.20	ug/L
85-68-7	Butylbenzylphthalate	5.20	U	2.00	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	10.4	U	0.97	10.4	ug/L
56-55-3	Benzo(a)anthracene	5.20	U	0.47	5.20	ug/L
218-01-9	Chrysene	5.20	U	0.46	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.20	U	1.70	5.20	ug/L
117-84-0	Di-n-octyl phthalate	10.4	U	2.40	10.4	ug/L
205-99-2	Benzo(b)fluoranthene	5.20	U	0.51	5.20	ug/L

Raw Data: **BF143582.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2B-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-05	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143582.D	1	08/22/25 10:34	08/22/25 19:50	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.20	U	0.50	5.20	ug/L
50-32-8	Benzo(a)pyrene	5.20	U	0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.20	U	0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.20	U	0.70	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	5.20	U	0.72	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.20	U	0.54	5.20	ug/L
123-91-1	1,4-Dioxane	5.20	U	1.00	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.20	U	0.75	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	73.5		23 - 138	49%	SPK: 150
13127-88-3	Phenol-d6	53.5		10 - 134	36%	SPK: 150
4165-60-0	Nitrobenzene-d5	118		67 - 132	118%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.5		52 - 132	87%	SPK: 100
118-79-6	2,4,6-Tribromophenol	141		44 - 137	94%	SPK: 150
1718-51-0	Terphenyl-d14	101		42 - 152	101%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	98000	6.928			
1146-65-2	Naphthalene-d8	310000	8.228			
15067-26-2	Acenaphthene-d10	221000	9.963			
1517-22-2	Phenanthrene-d10	347000	11.451			
1719-03-5	Chrysene-d12	201000	14.092			
1520-96-3	Perylene-d12	183000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J		2.25	ug/L
002175-91-9	1,3-Cyclopentadiene, 5-(1-methylet	290	J		5.44	ug/L
000108-38-3	Benzene, 1,3-dimethyl-	28.6	J		5.79	ug/L
	unknown6.387	14.0	J		6.39	ug/L
	unknown6.751	40.5	J		6.75	ug/L
	unknown6.987	76.5	J		6.99	ug/L
	unknown7.034	14.1	J		7.03	ug/L

Raw Data: **BF143582.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2B-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-05	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143582.D	1	08/22/25 10:34	08/22/25 19:50	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
	unknown7.134	770	J		7.13	ug/L
	unknown7.193	35.4	J		7.19	ug/L
	unknown7.951	2.30	J		7.95	ug/L
90-12-0	1-Methylnaphthalene	240	J		9.03	ug/L
001127-76-0	Naphthalene, 1-ethyl-	8.40	J		9.47	ug/L
000575-43-9	Naphthalene, 1,6-dimethyl-	15.6	J		9.54	ug/L
000581-40-8	Naphthalene, 2,3-dimethyl-	18.7	J		9.62	ug/L
000581-42-0	Naphthalene, 2,6-dimethyl-	5.90	J		9.64	ug/L
000571-61-9	Naphthalene, 1,5-dimethyl-	8.90	J		9.74	ug/L
000090-15-3	1-Naphthalenol	7.10	J		10.1	ug/L
007469-77-4	1-Naphthalenol, 2-methyl-	8.80	J		10.6	ug/L
001484-12-4	9H-Carbazole, 9-methyl-	7.70	J		12.0	ug/L

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

Quant Time: Aug 25 02:39:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

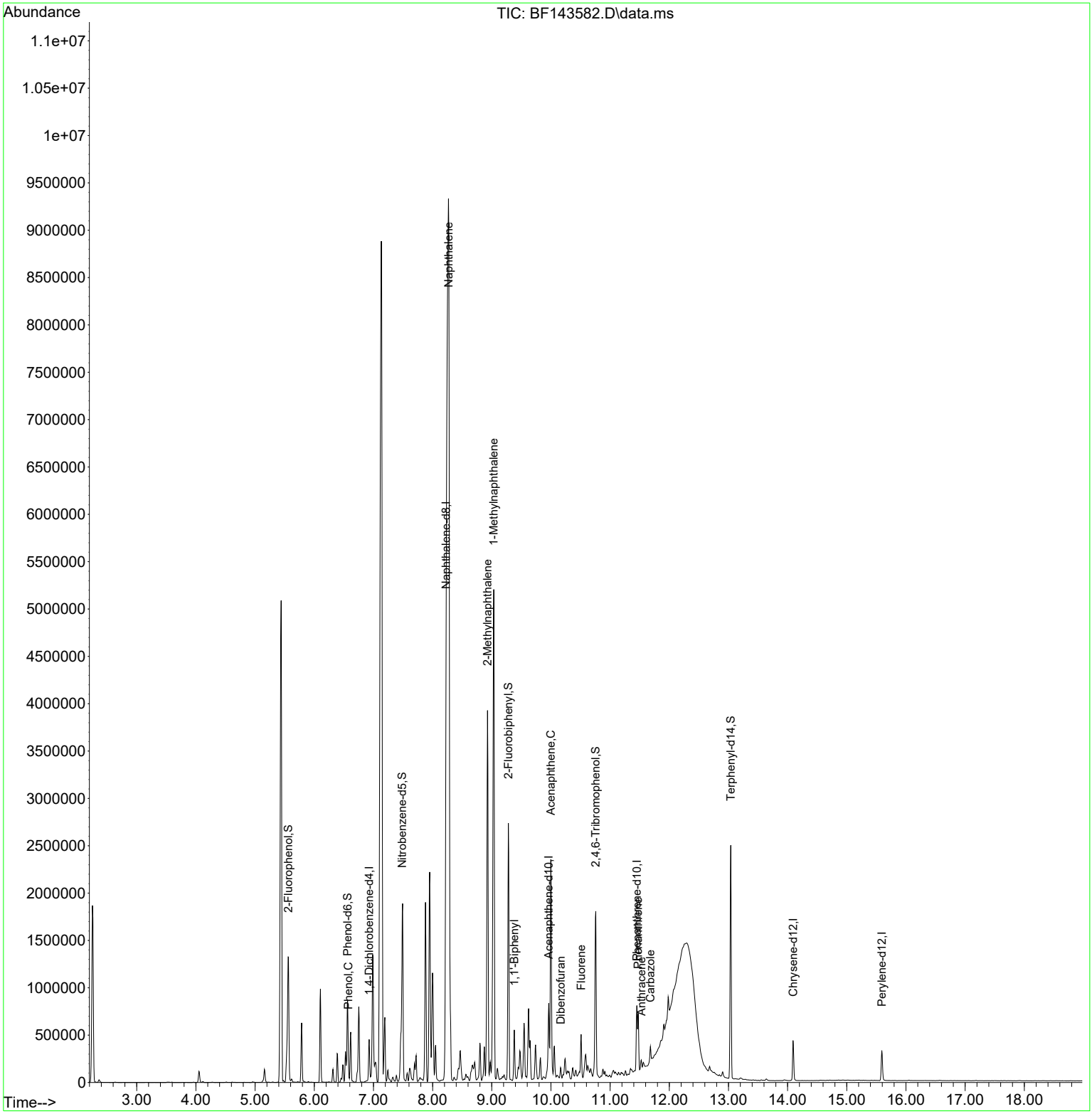
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	97960	20.000	ng		0.00
21) Naphthalene-d8	8.228	136	310044	20.000	ng		0.02
39) Acenaphthene-d10	9.963	164	220938	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	347033	20.000	ng		0.00
76) Chrysene-d12	14.092	240	201002	20.000	ng		-0.01
86) Perylene-d12	15.592	264	183367	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	412450	73.520	ng		0.00
7) Phenol-d6	6.563	99	370154	53.450	ng		-0.01
23) Nitrobenzene-d5	7.487	82	625228	117.677	ng		-0.01
42) 2,4,6-Tribromophenol	10.757	330	289789	140.906	ng		0.00
45) 2-Fluorobiphenyl	9.281	172	1169319	87.468	ng		0.00
79) Terphenyl-d14	13.039	244	1167501	101.359	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.575	94	38915	4.878	ng		92
31) Naphthalene	8.269	128	13284387	892.455	ng		94
37) 2-Methylnaphthalene	8.928	142	1558649	156.780	ng		99
38) 1-Methylnaphthalene	9.034	142	2229071	234.401	ng		98
46) 1,1'-Biphenyl	9.381	154	191371	12.203	ng		99
52) Acenaphthene	9.998	154	703227	58.789	ng		98
55) Dibenzofuran	10.169	168	42620	2.499	ng	#	93
58) Fluorene	10.510	166	164405	12.525	ng		99
71) Phenanthrene	11.475	178	307631	16.553	ng		100
72) Anthracene	11.528	178	47571	2.527	ng		98
73) Carbazole	11.680	167	86024	5.576	ng		99

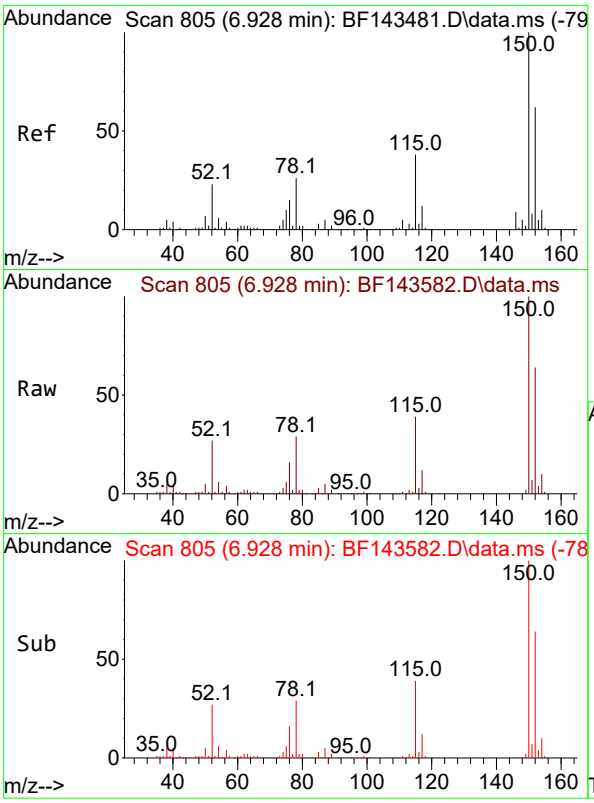
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

Quant Time: Aug 25 02:39:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration



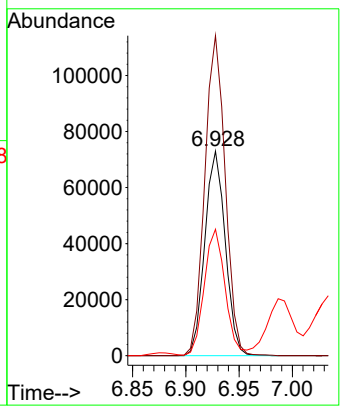


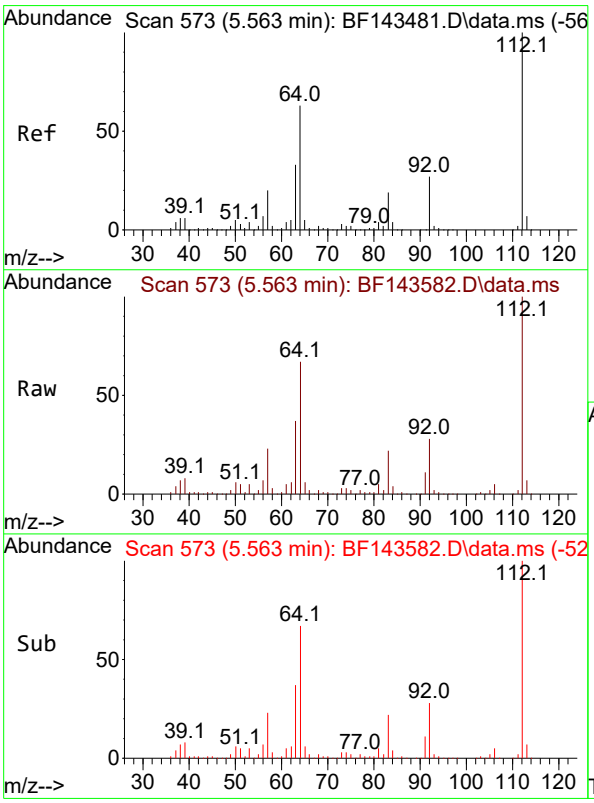
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143582.D
Acq: 22 Aug 2025 19:50

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

Tgt Ion:152 Resp: 97960

Ion	Ratio	Lower	Upper
152	100		
150	156.4	128.9	193.3
115	61.8	49.2	73.8

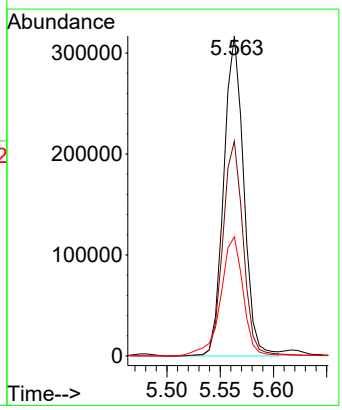


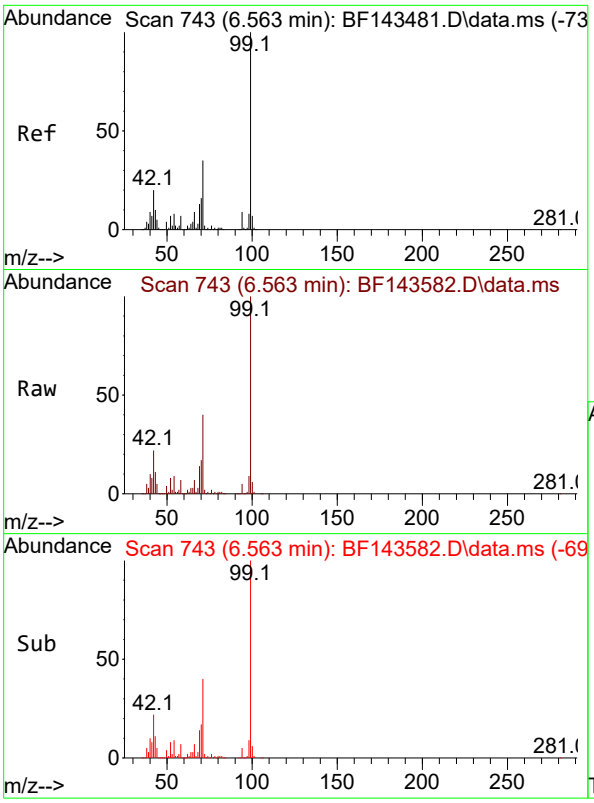


#5
2-Fluorophenol
Concen: 73.520 ng
RT: 5.563 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF143582.D
Acq: 22 Aug 2025 19:50

Tgt Ion:112 Resp: 412450

Ion	Ratio	Lower	Upper
112	100		
64	67.2	50.4	75.6
63	37.3	26.4	39.6



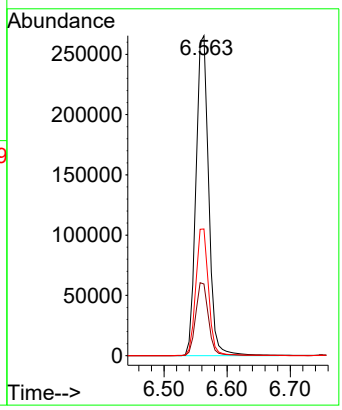


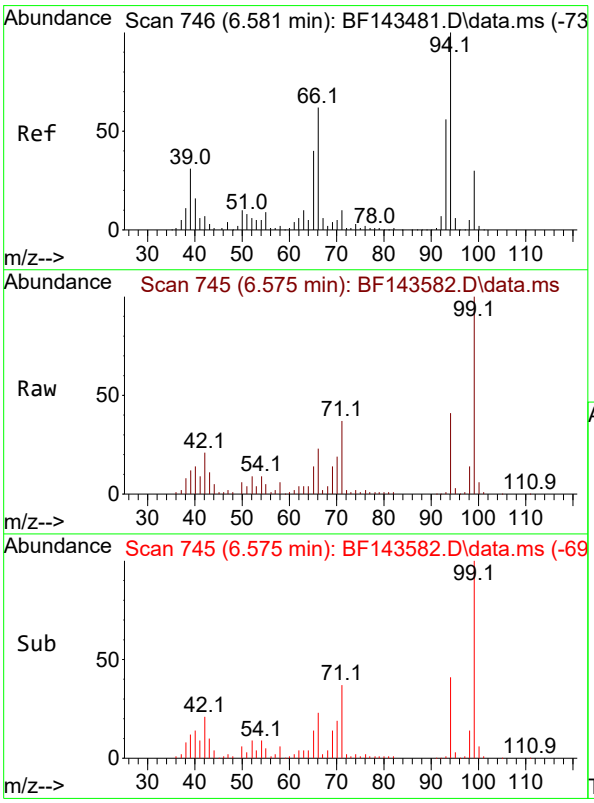
#7
Phenol-d6
Concen: 53.450 ng
RT: 6.563 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF143582.D
Acq: 22 Aug 2025 19:50

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

Tgt Ion: 99 Resp: 370154

Ion	Ratio	Lower	Upper
99	100		
42	22.4	16.3	24.5
71	39.6	28.2	42.2

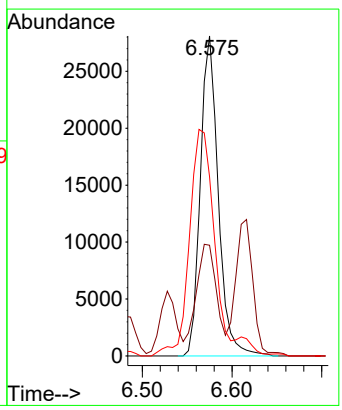


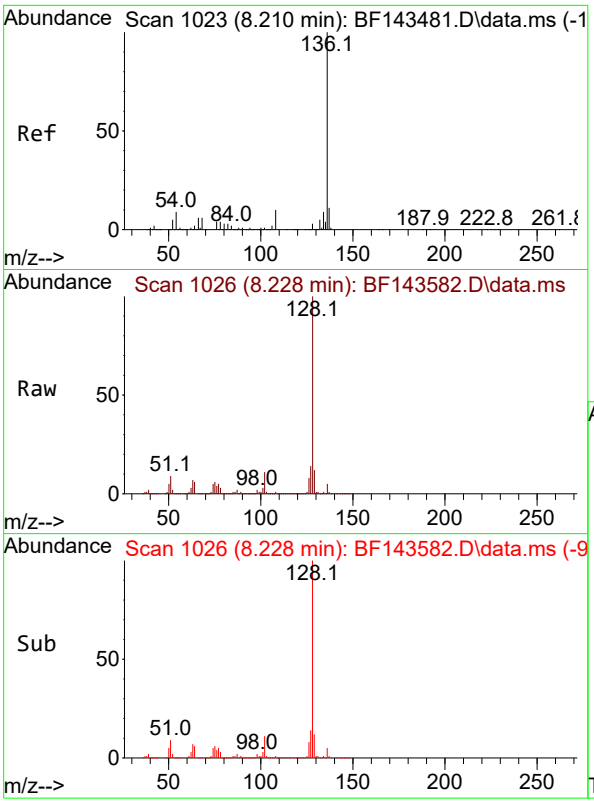


#10
Phenol
Concen: 4.878 ng
RT: 6.575 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF143582.D
Acq: 22 Aug 2025 19:50

Tgt Ion: 94 Resp: 38915

Ion	Ratio	Lower	Upper
94	100		
65	34.6	19.5	59.5
66	56.0	42.5	82.5



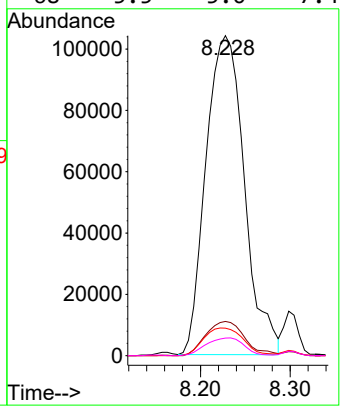


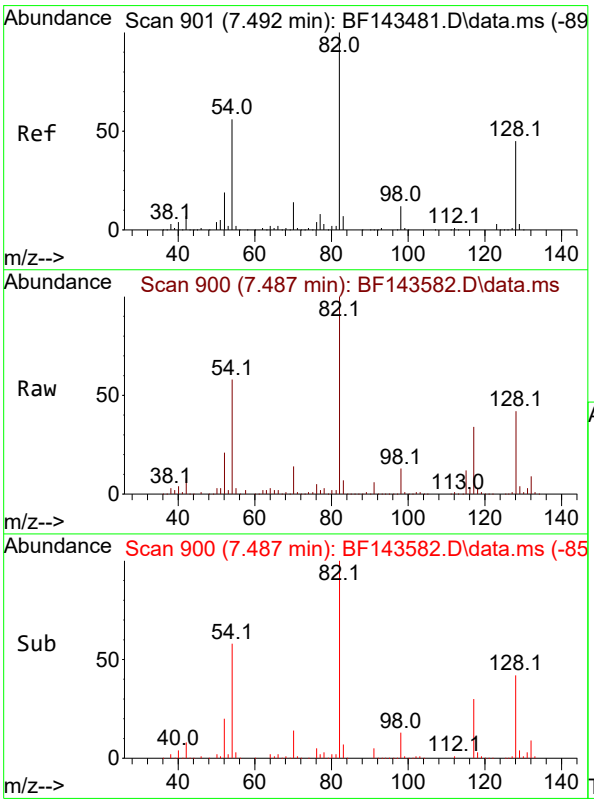
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1
Delta R.T. 0.018 min
Lab File: BF143582.D
Acq: 22 Aug 2025 19:50

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

Tgt Ion:136 Resp: 310044

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	8.6	7.4	11.2
68	5.5	5.0	7.4

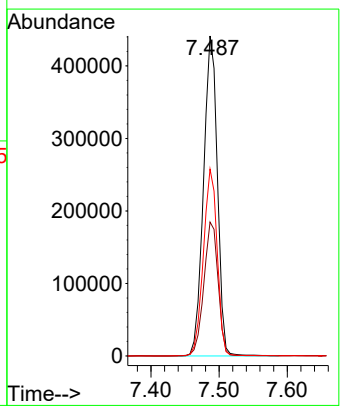


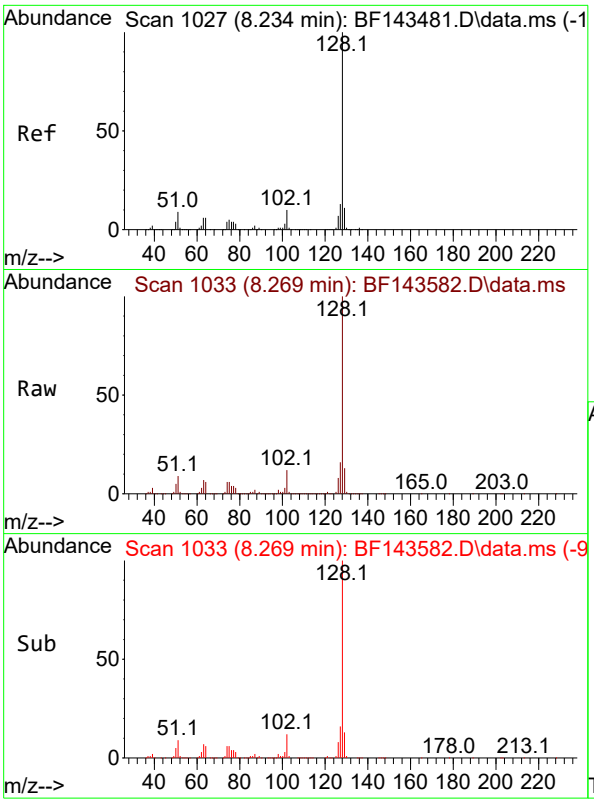


#23
Nitrobenzene-d5
Concen: 117.677 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF143582.D
Acq: 22 Aug 2025 19:50

Tgt Ion: 82 Resp: 625228

Ion	Ratio	Lower	Upper
82	100		
128	41.8	35.5	53.3
54	58.4	44.3	66.5



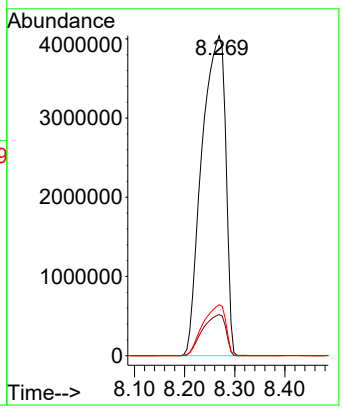


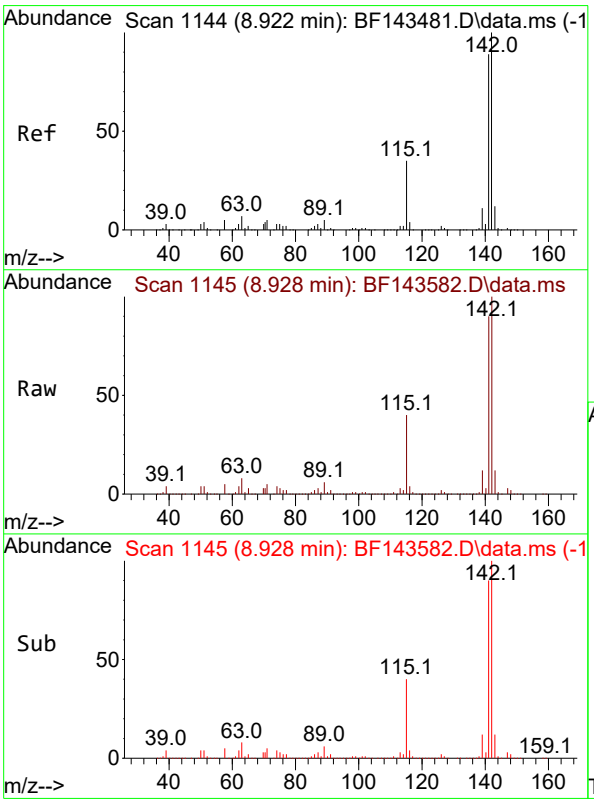
#31
Naphthalene
Concen: 892.455 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.035 min
Lab File: BF143582.D
Acq: 22 Aug 2025 19:50

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

Tgt Ion:128 Resp:13284387

Ion	Ratio	Lower	Upper
128	100		
129	12.8	8.8	13.2
127	15.9	10.6	16.0

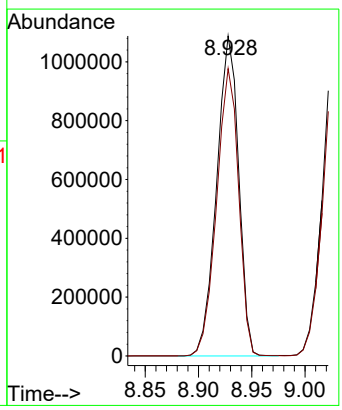


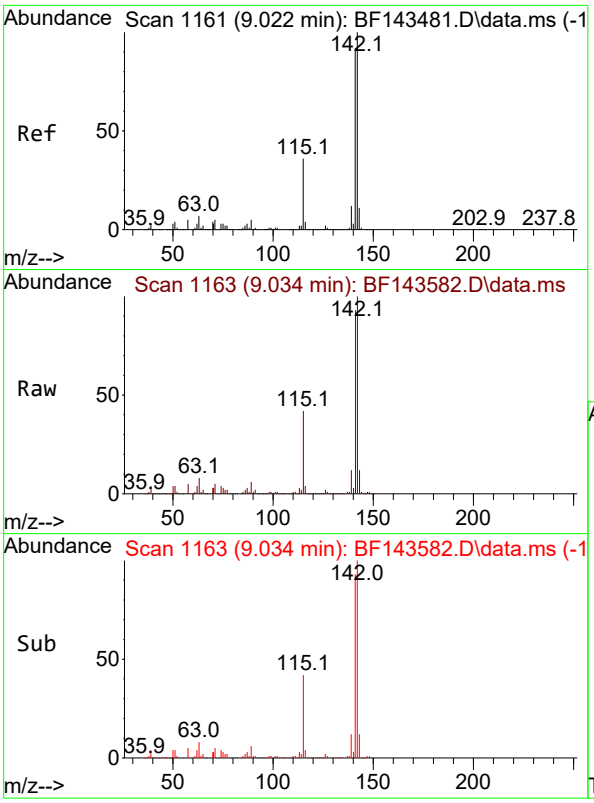


#37
2-Methylnaphthalene
Concen: 156.780 ng
RT: 8.928 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF143582.D
Acq: 22 Aug 2025 19:50

Tgt Ion:142 Resp: 1558649

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.0	106.4



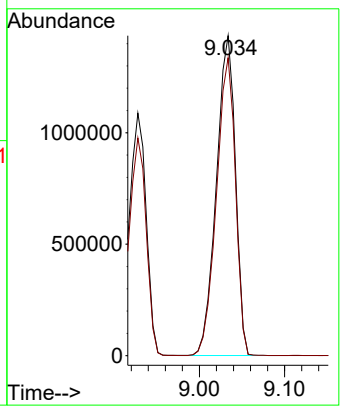


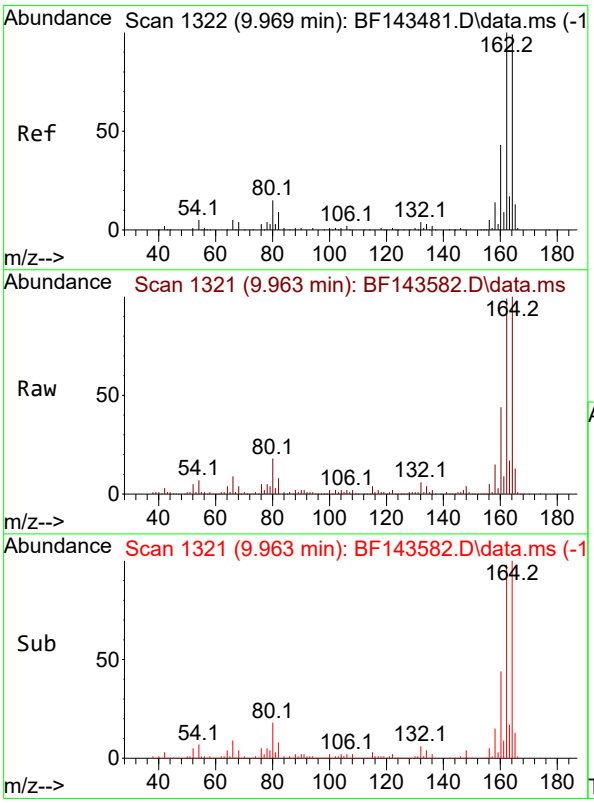
#38
1-Methylnaphthalene
Concen: 234.401 ng
RT: 9.034 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143582.D
Acq: 22 Aug 2025 19:50

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

Tgt Ion:142 Resp: 2229071

Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.3	109.9

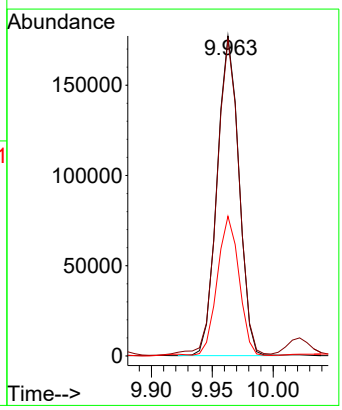


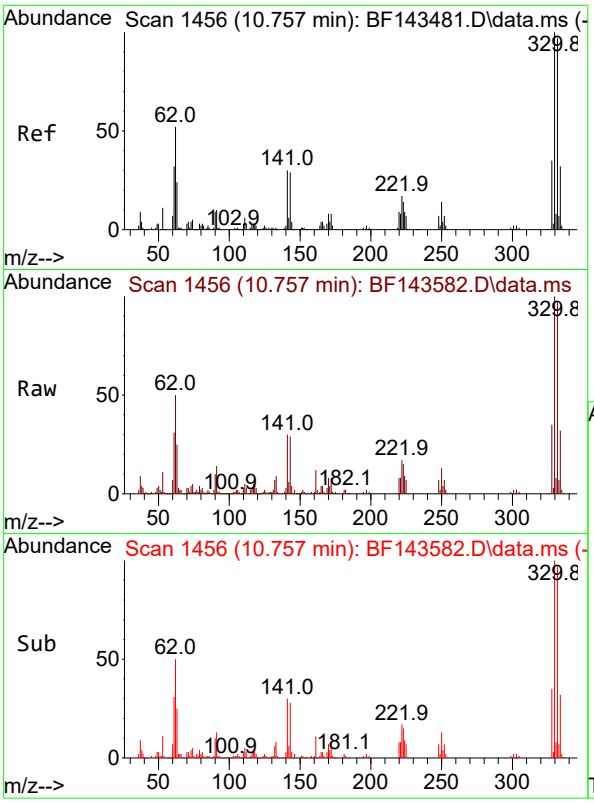


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF143582.D
Acq: 22 Aug 2025 19:50

Tgt Ion:164 Resp: 220938

Ion	Ratio	Lower	Upper
164	100		
162	98.8	80.5	120.7
160	43.7	34.3	51.5



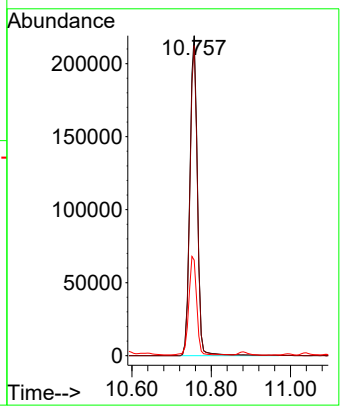


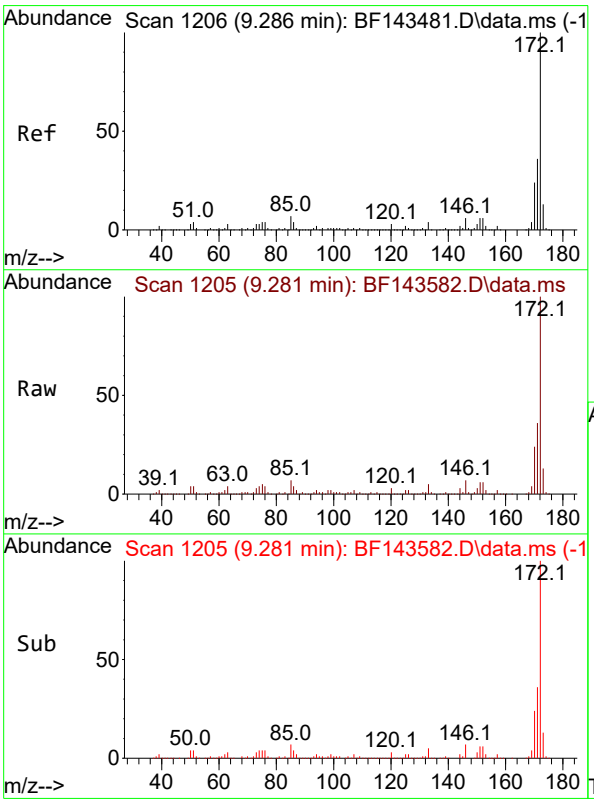
#42
2,4,6-Tribromophenol
Concen: 140.906 ng
RT: 10.757 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143582.D
Acq: 22 Aug 2025 19:50

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

Tgt Ion:330 Resp: 289789

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.0	117.0
141	32.3	23.7	35.5

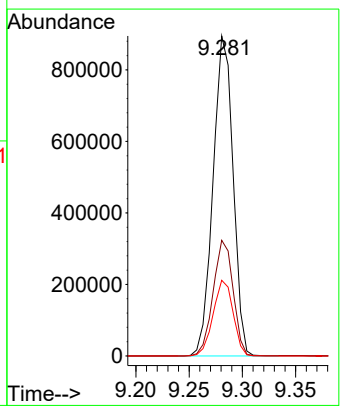


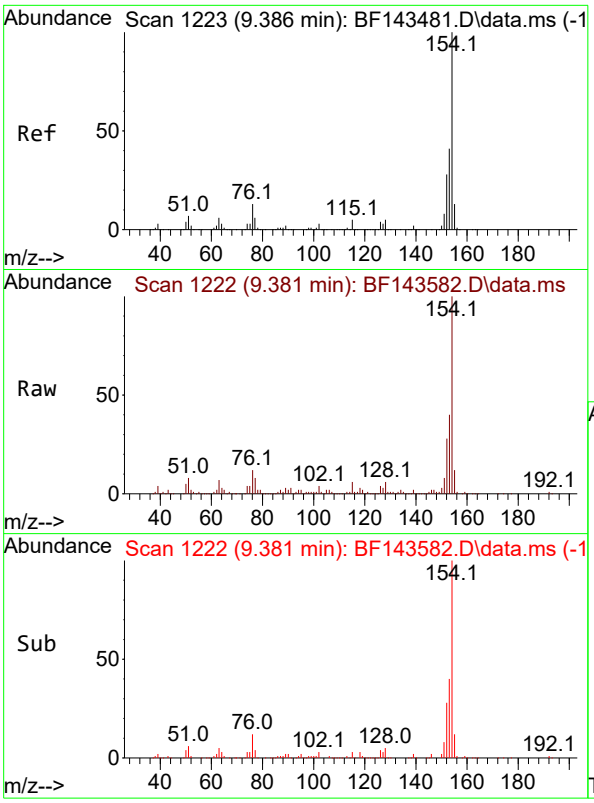


#45
2-Fluorobiphenyl
Concen: 87.468 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143582.D
Acq: 22 Aug 2025 19:50

Tgt Ion:172 Resp: 1169319

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.8	43.2
170	23.7	18.8	28.2



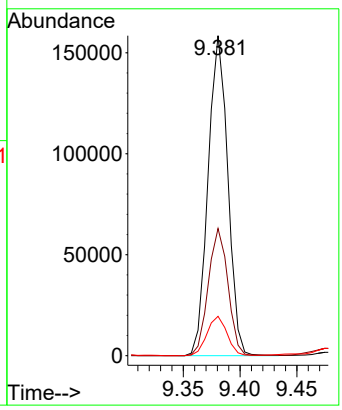


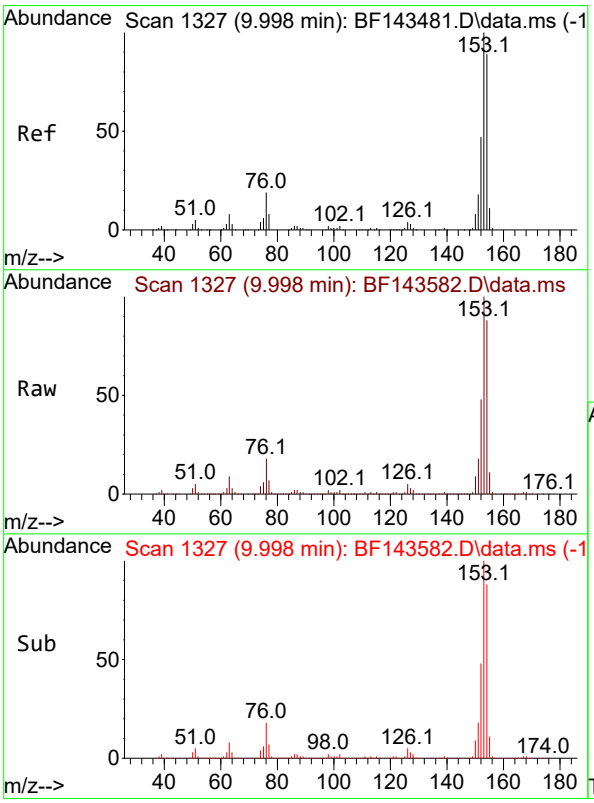
#46
1,1'-Biphenyl
Concen: 12.203 ng
RT: 9.381 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143582.D
Acq: 22 Aug 2025 19:50

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

Tgt Ion:154 Resp: 191371

Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.6	60.6
76	12.3	0.0	33.0

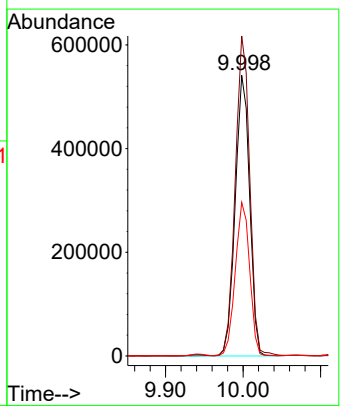


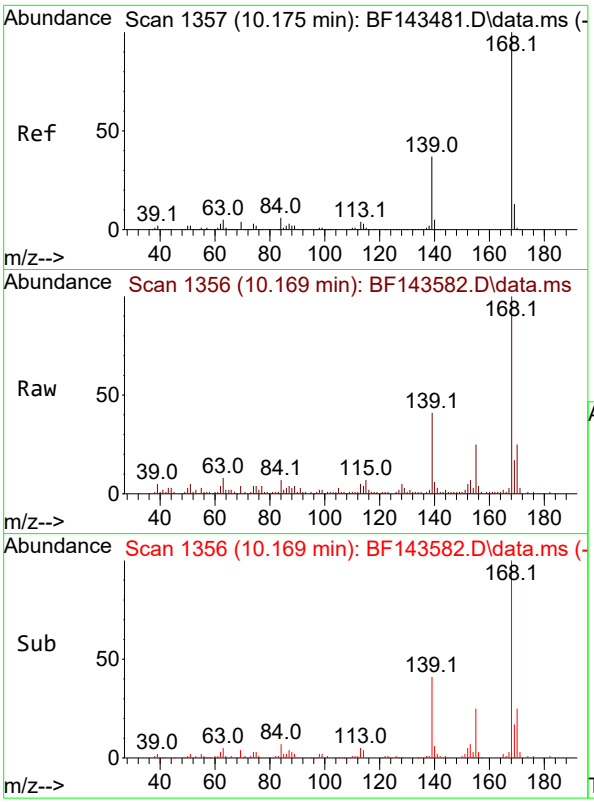


#52
Acenaphthene
Concen: 58.789 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF143582.D
Acq: 22 Aug 2025 19:50

Tgt Ion:154 Resp: 703227

Ion	Ratio	Lower	Upper
154	100		
153	114.0	89.5	134.3
152	54.7	42.5	63.7



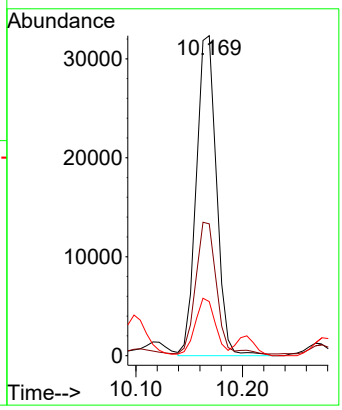


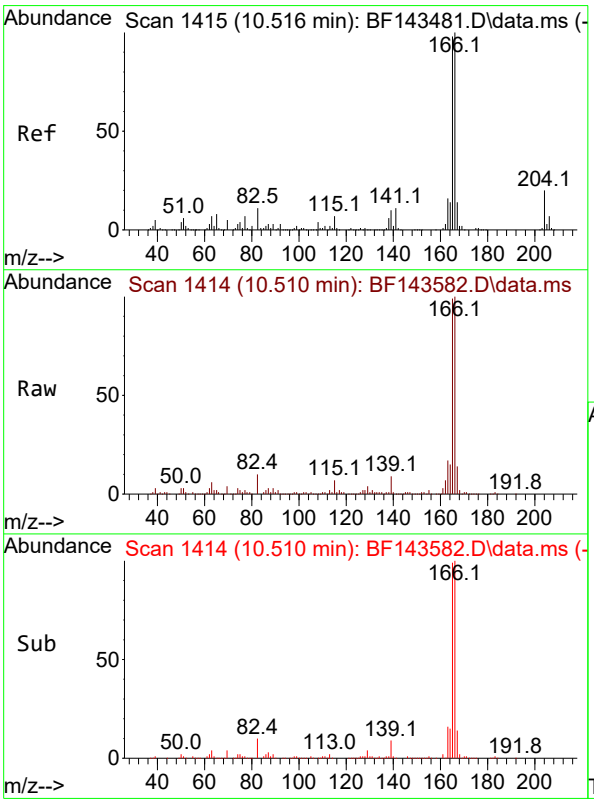
#55
Dibenzofuran
Concen: 2.499 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143582.D
Acq: 22 Aug 2025 19:50

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

Tgt Ion:168 Resp: 42620

Ion	Ratio	Lower	Upper
168	100		
139	41.2	29.8	44.6
169	16.9	10.8	16.2#

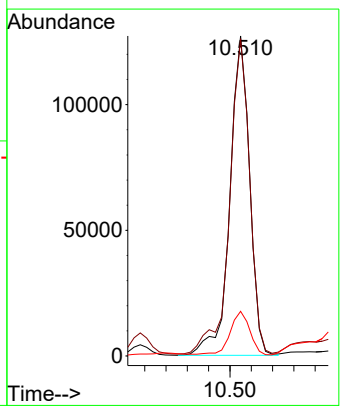


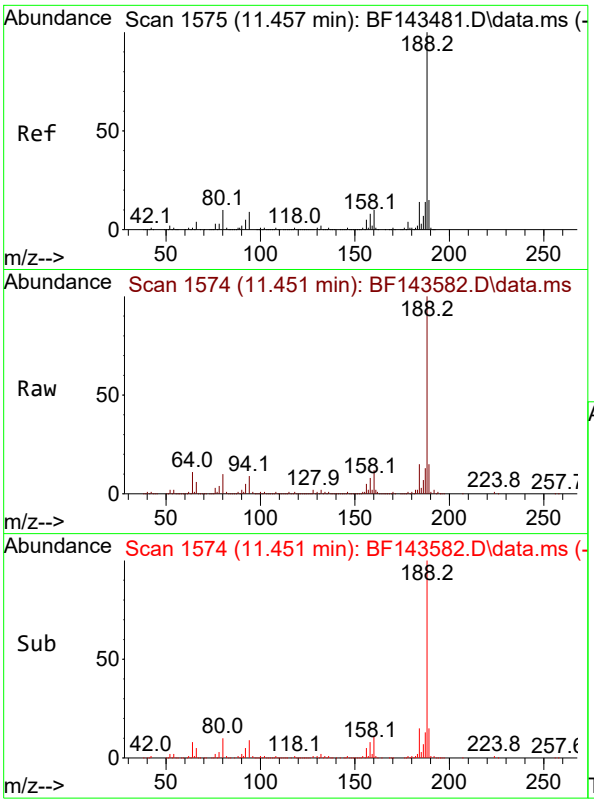


#58
Fluorene
Concen: 12.525 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF143582.D
Acq: 22 Aug 2025 19:50

Tgt Ion:166 Resp: 164405

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.3	117.5
167	14.0	11.0	16.4



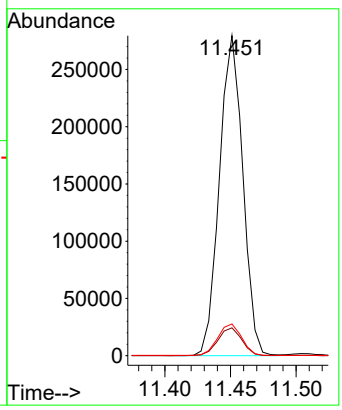


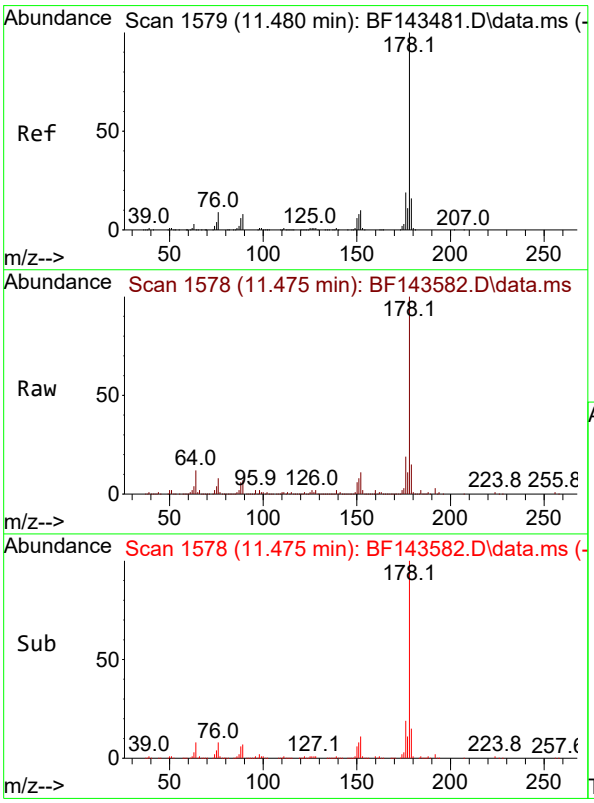
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143582.D
Acq: 22 Aug 2025 19:50

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

Tgt Ion:188 Resp: 347033

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.4	11.2
80	9.9	8.2	12.4

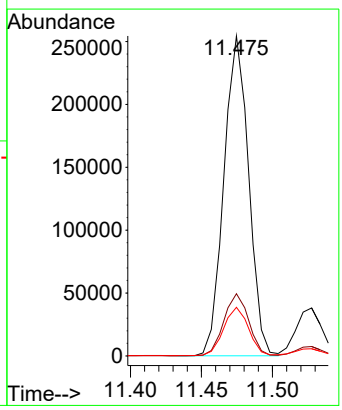


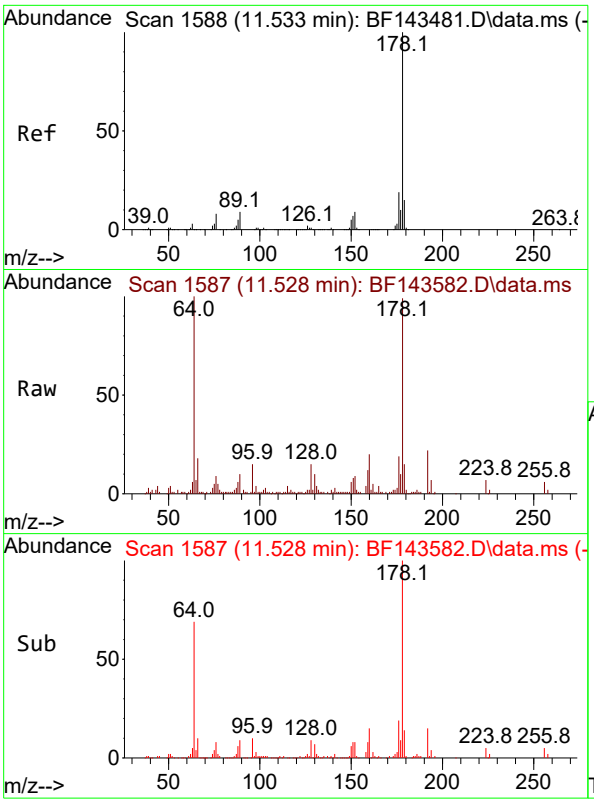


#71
Phenanthrene
Concen: 16.553 ng
RT: 11.475 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF143582.D
Acq: 22 Aug 2025 19:50

Tgt Ion:178 Resp: 307631

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.2	12.5	18.7



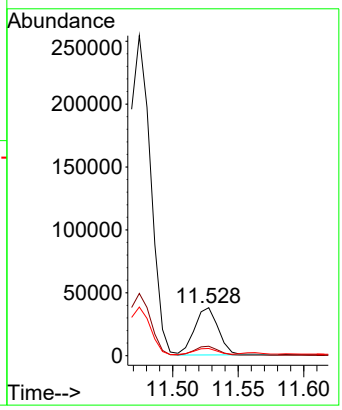


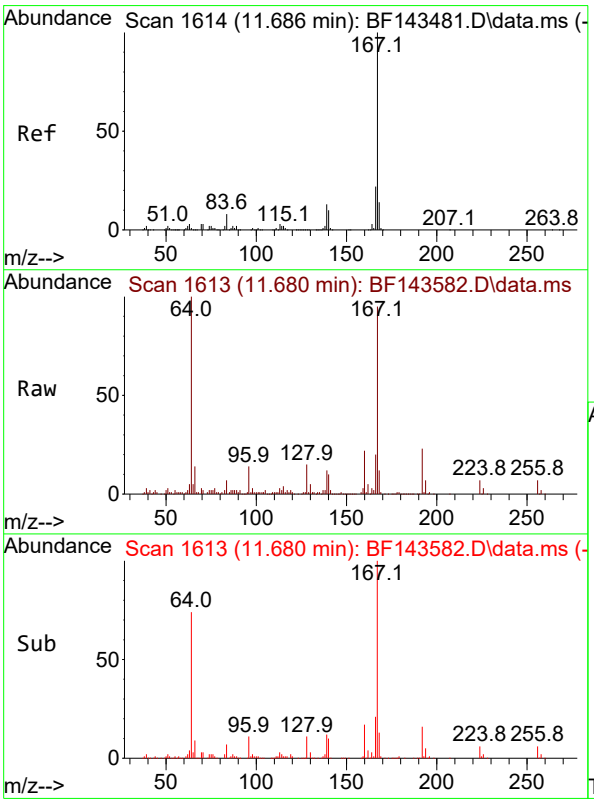
#72
Anthracene
Concen: 2.527 ng
RT: 11.528 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143582.D
Acq: 22 Aug 2025 19:50

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

Tgt Ion:178 Resp: 47571

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.0	22.4
179	15.0	12.3	18.5

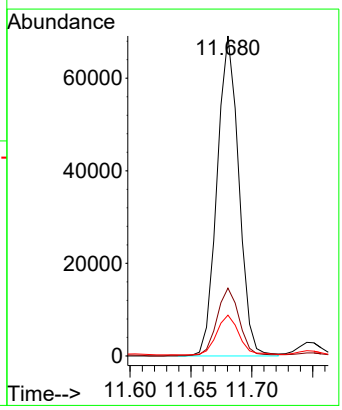


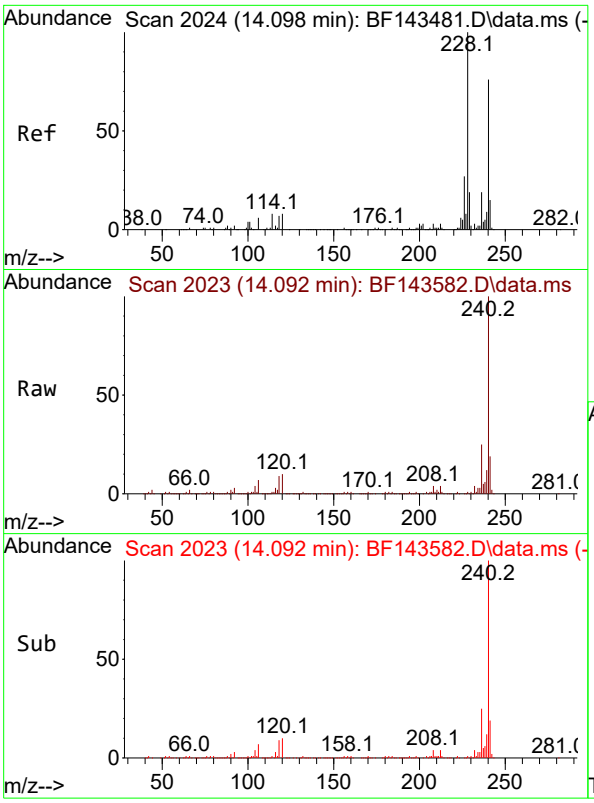


#73
Carbazole
Concen: 5.576 ng
RT: 11.680 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BF143582.D
Acq: 22 Aug 2025 19:50

Tgt Ion:167 Resp: 86024

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.3	25.9
139	12.7	10.0	15.0



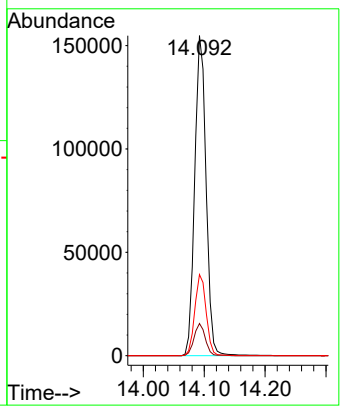


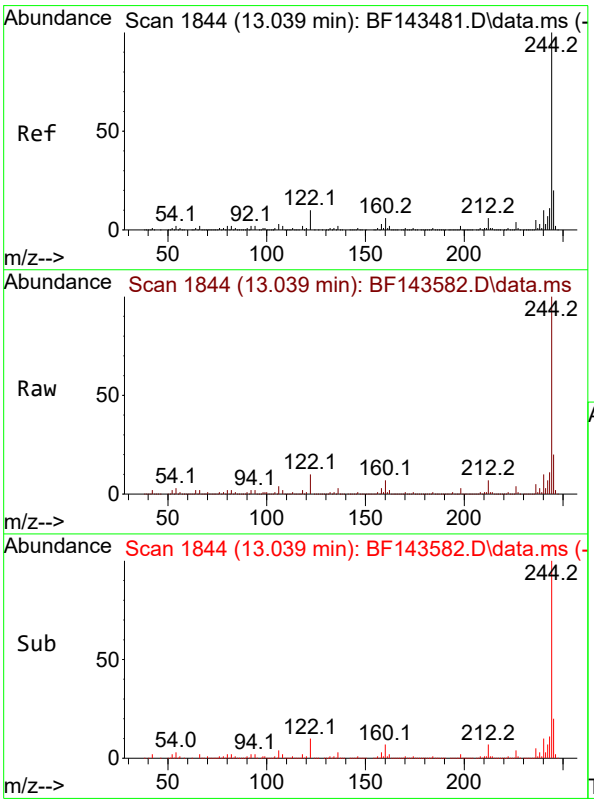
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BF143582.D
Acq: 22 Aug 2025 19:50

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

Tgt Ion:240 Resp: 201002

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.6	12.8
236	25.4	20.4	30.6

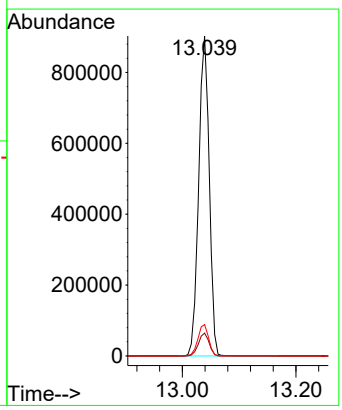


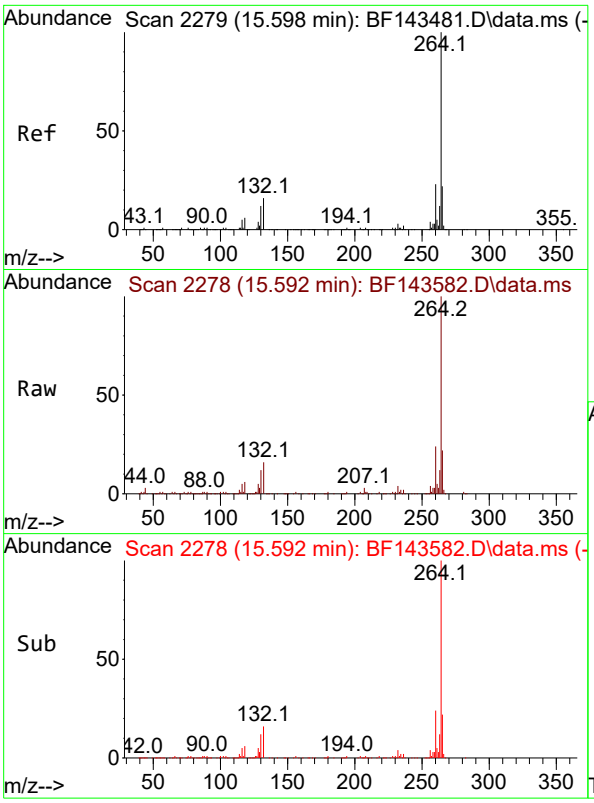


#79
Terphenyl-d14
Concen: 101.359 ng
RT: 13.039 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BF143582.D
Acq: 22 Aug 2025 19:50

Tgt Ion:244 Resp: 1167501

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.2	7.8
122	9.8	7.9	11.9



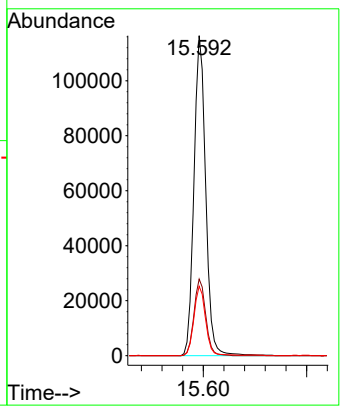


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143582.D
Acq: 22 Aug 2025 19:50

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

Tgt Ion:264 Resp: 183367

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.7	17.6	26.4



Sample Results: **BF143582.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143582.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.252	3	10	17	rBV	1865232	3045920	9.64%	2.387%
2	5.440	544	552	557	rBV	5088336	8154404	25.82%	6.390%
3	5.557	563	572	579	rBV2	1323360	2507568	7.94%	1.965%
4	5.787	605	611	616	rBV	627813	802606	2.54%	0.629%
5	6.104	659	665	670	rBV	987835	1240375	3.93%	0.972%
6	6.387	709	713	720	rVB	304352	392468	1.24%	0.308%
7	6.528	733	737	739	rBV	314798	375601	1.19%	0.294%
8	6.563	739	743	748	rVV	851313	1217823	3.86%	0.954%
9	6.616	748	752	756	rVB	514687	642457	2.03%	0.503%
10	6.751	766	775	783	rVB	795168	1136128	3.60%	0.890%
11	6.928	800	805	809	rBV	434967	584600	1.85%	0.458%
12	6.987	809	815	820	rVV	1333733	2147064	6.80%	1.682%
13	7.034	820	823	829	rVB2	209386	396790	1.26%	0.311%
14	7.134	829	840	845	rBV	8880118	21634120	68.49%	16.952%
15	7.193	845	850	854	rVB2	674733	992119	3.14%	0.777%
16	7.493	888	901	910	rBV3	1877585	3385447	10.72%	2.653%
17	7.722	937	940	944	rVB	273379	332180	1.05%	0.260%
18	7.881	960	967	972	rVB	1892993	2529269	8.01%	1.982%
19	7.951	972	979	983	rBV3	2212379	3463267	10.96%	2.714%
20	7.998	983	987	992	rVV	1144970	1981735	6.27%	1.553%
21	8.051	992	996	1008	rVB	377995	531753	1.68%	0.417%
22	8.269	1017	1033	1043	rBV	9306882	31585166	100.00%	24.749%
23	8.469	1063	1067	1074	rVB2	311755	562692	1.78%	0.441%
24	8.675	1093	1102	1105	rBV4	165653	440651	1.40%	0.345%
25	8.798	1113	1123	1128	rVV2	396014	577477	1.83%	0.452%
26	8.875	1128	1136	1139	rVV	354686	509459	1.61%	0.399%
27	8.928	1139	1145	1150	rVV	3904521	5620762	17.80%	4.404%
28	9.034	1156	1163	1168	rVV	5178518	8424282	26.67%	6.601%
29	9.281	1199	1205	1210	rBV	2709711	3513710	11.12%	2.753%
30	9.381	1216	1222	1227	rBV	534116	704372	2.23%	0.552%
31	9.475	1235	1238	1244	rVV2	307957	525538	1.66%	0.412%
32	9.545	1244	1250	1255	rVV	599317	974129	3.08%	0.763%
33	9.622	1258	1263	1266	rVV	752509	1169606	3.70%	0.916%
34	9.645	1266	1267	1272	rVB2	413598	370153	1.17%	0.290%
35	9.739	1278	1283	1290	rVV	361556	555003	1.76%	0.435%
36	9.963	1311	1321	1324	rBV	795048	1302769	4.12%	1.021%

Sample Results: **BF143582.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.998	1324	1327	1333	rVV	2302932	2974475	9.42%	2.331%
38	10.057	1333	1337	1342	rVB	328895	444539	1.41%	0.348%
39	10.510	1410	1414	1419	rVB	457175	592878	1.88%	0.465%
40	10.586	1419	1427	1431	rBV3	243257	553162	1.75%	0.433%
41	10.757	1447	1456	1467	rVB2	1757545	2582320	8.18%	2.023%
42	11.451	1569	1574	1576	rBV	689751	916636	2.90%	0.718%
43	11.475	1576	1578	1582	rVB	597211	631423	2.00%	0.495%
44	11.980	1661	1664	1668	rBV2	230371	339194	1.07%	0.266%
45	13.039	1838	1844	1849	rVB	2460817	3194323	10.11%	2.503%
46	14.092	2018	2023	2036	rVB	423195	564759	1.79%	0.443%
47	15.592	2272	2278	2292	rBV	316305	496686	1.57%	0.389%

Sum of corrected areas: 127619858

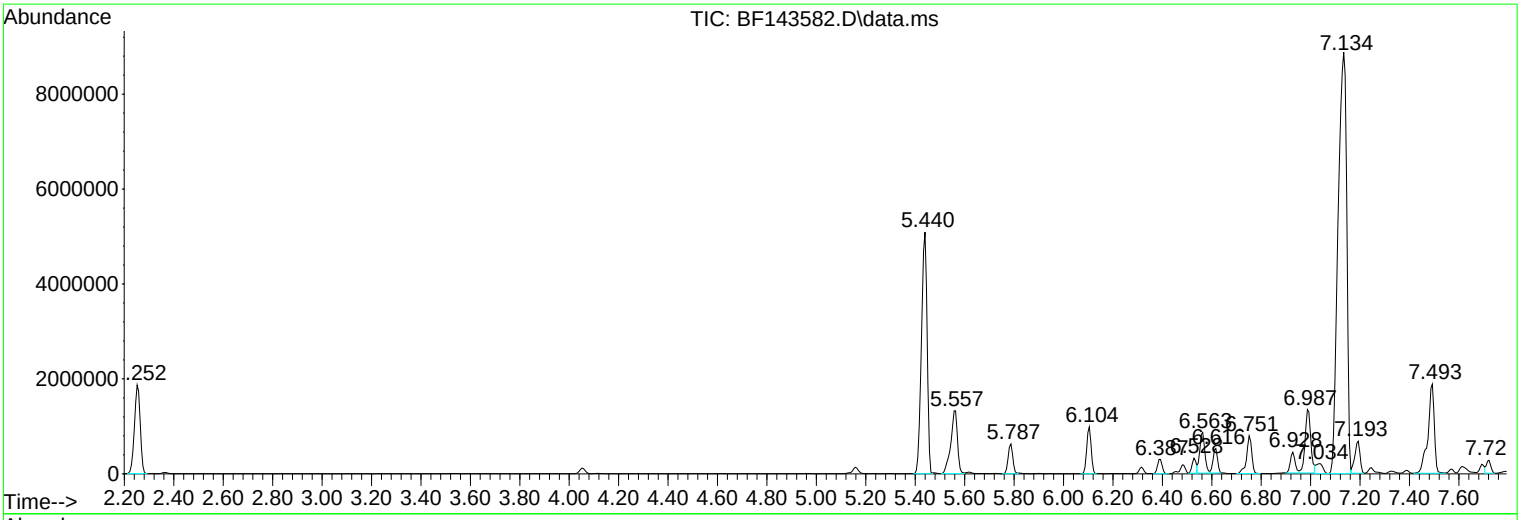
Sample Results: **BF143582.D**

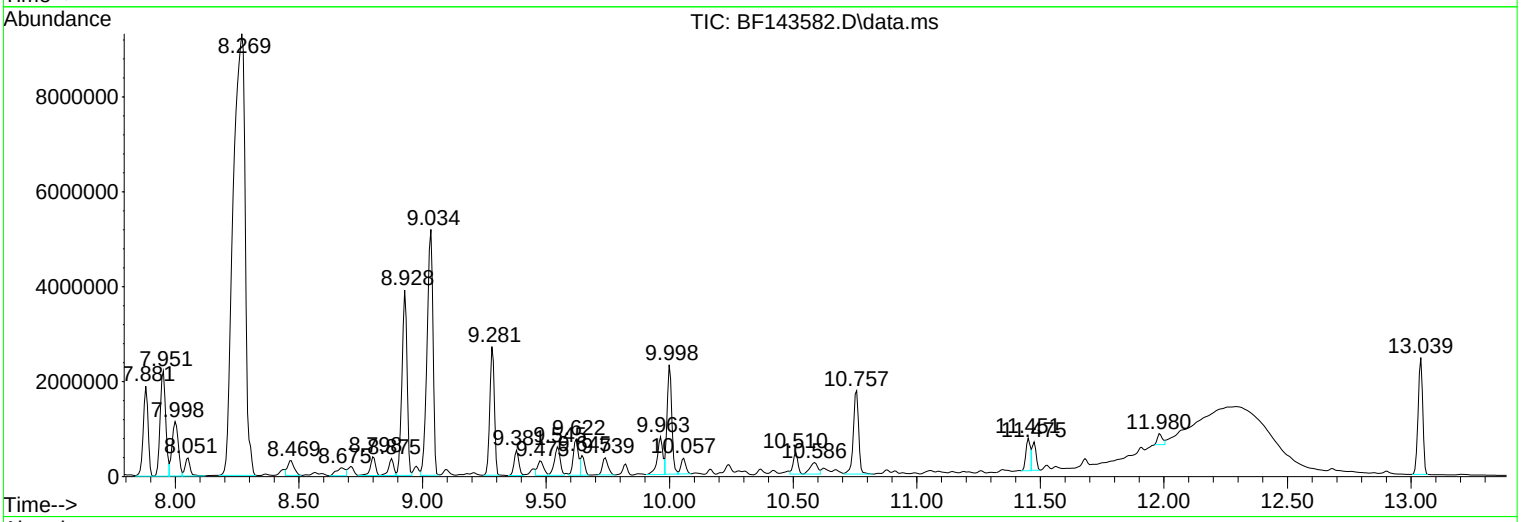
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

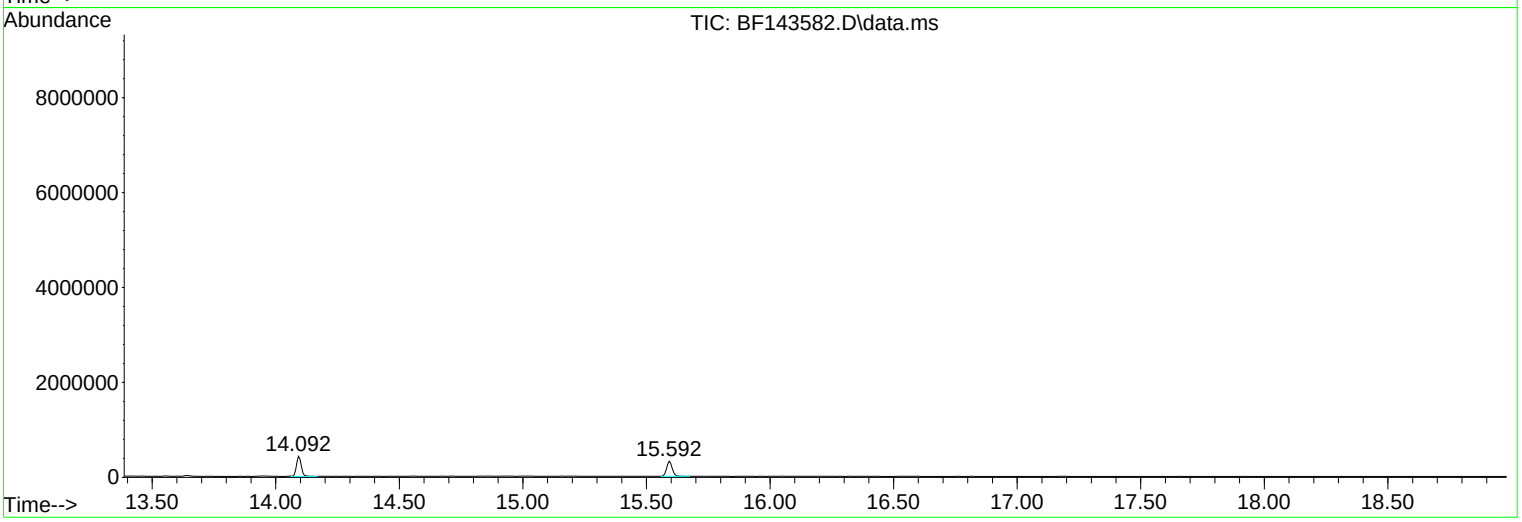
Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

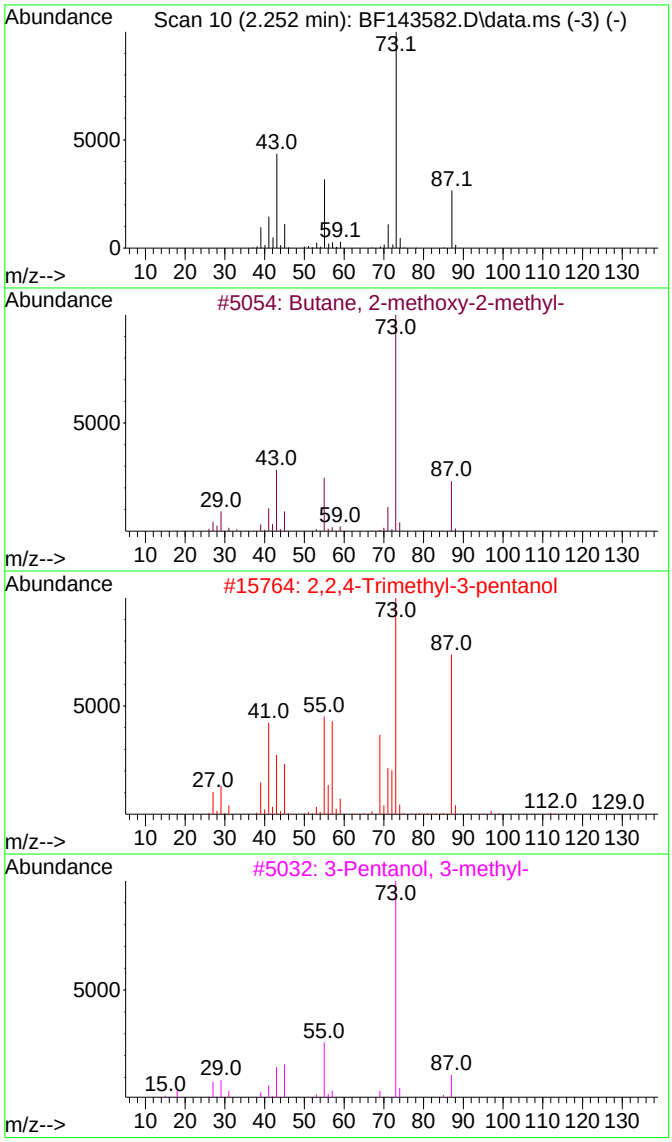
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

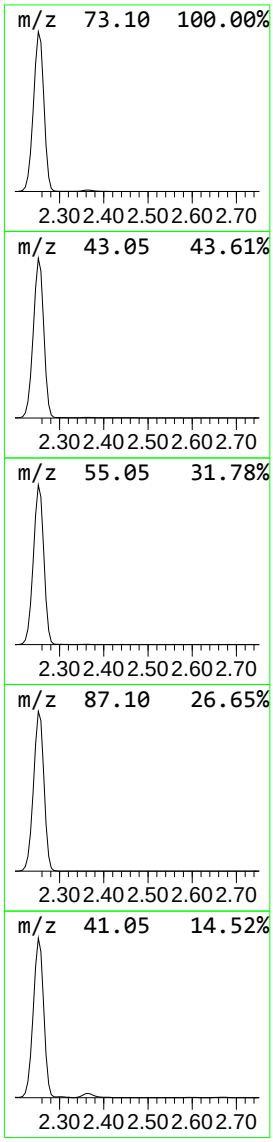
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.252	104.21 ng	3045920	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	17
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

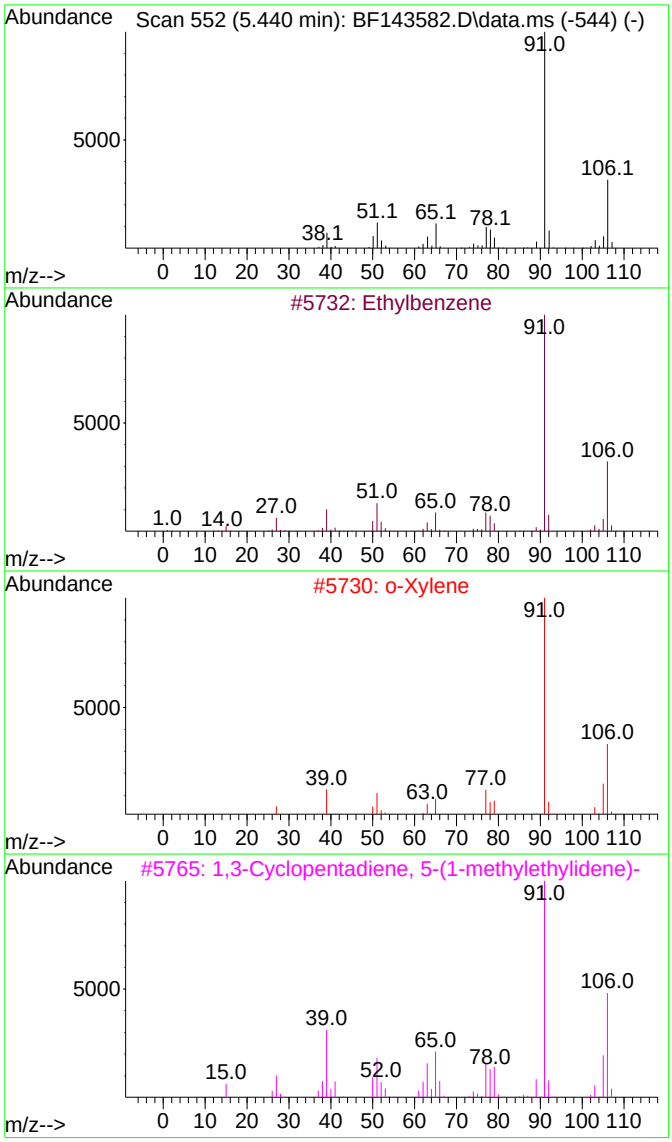
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

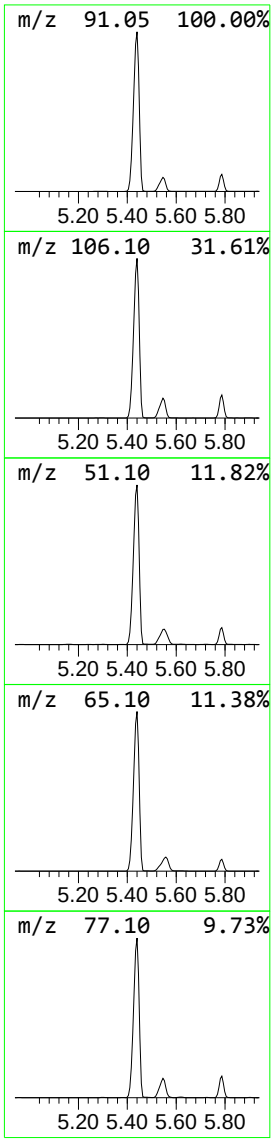
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,3-Cyclopentadiene, 5-(1-m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.440	278.97 ng	8154400	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	o-Xylene	106	C8H10	000095-47-6	81
3	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	74
4	p-Xylene	106	C8H10	000106-42-3	72
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	64





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Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

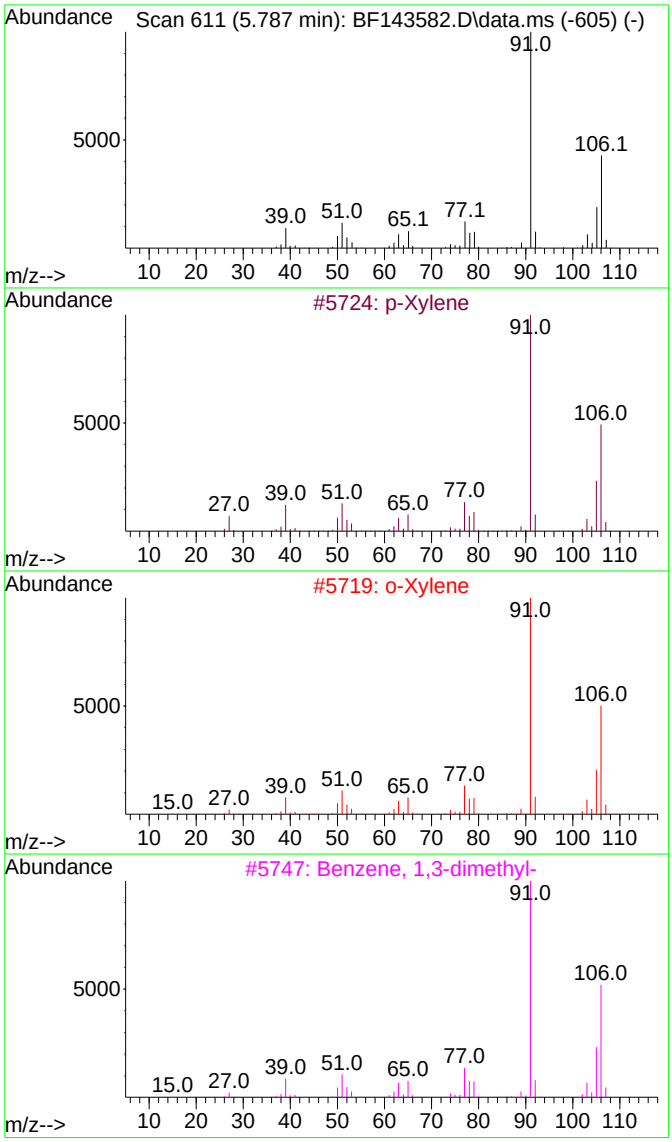
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

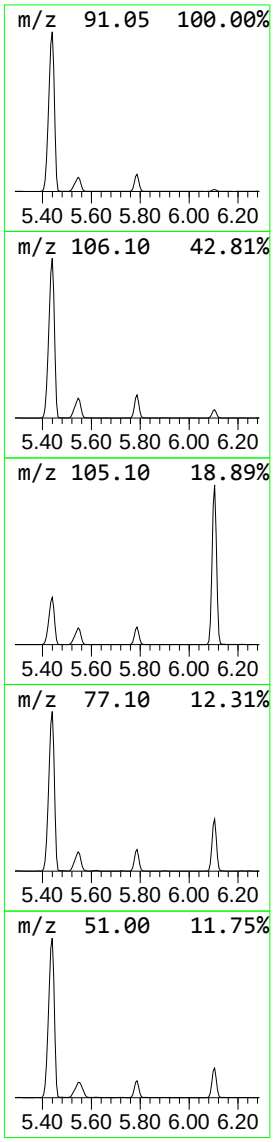
****

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.787	27.46 ng	802606	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	91
5	Ethylbenzene	106	C8H10	000100-41-4	91





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Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

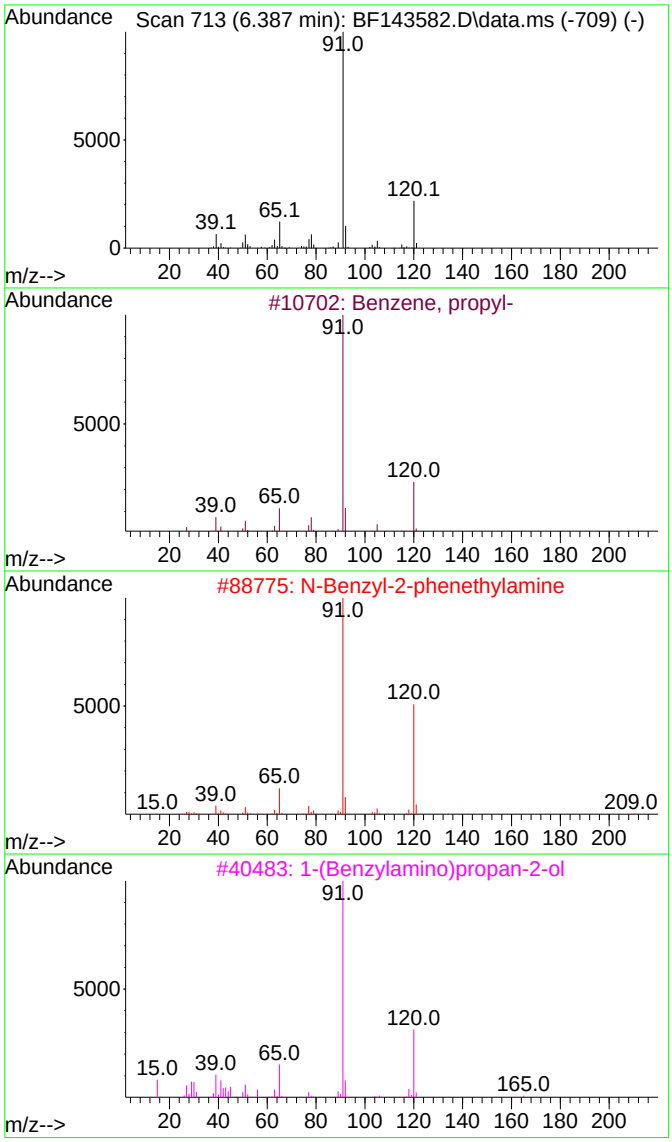
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

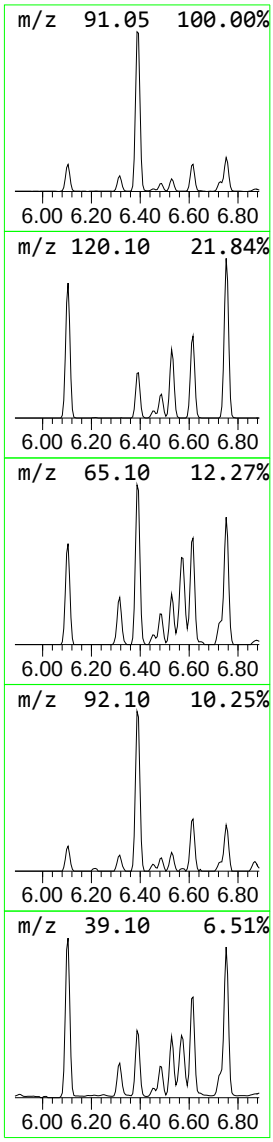
****

Peak Number 5 unknown6.387 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.387	13.43 ng	392468	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
3	1-(Benzylamino)propan-2-ol	165	C10H15NO	1000486-84-7	72
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72
5	Benzeneacetaldehyde	120	C8H8O	000122-78-1	62





Sample Results: **BF143582.D**

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Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

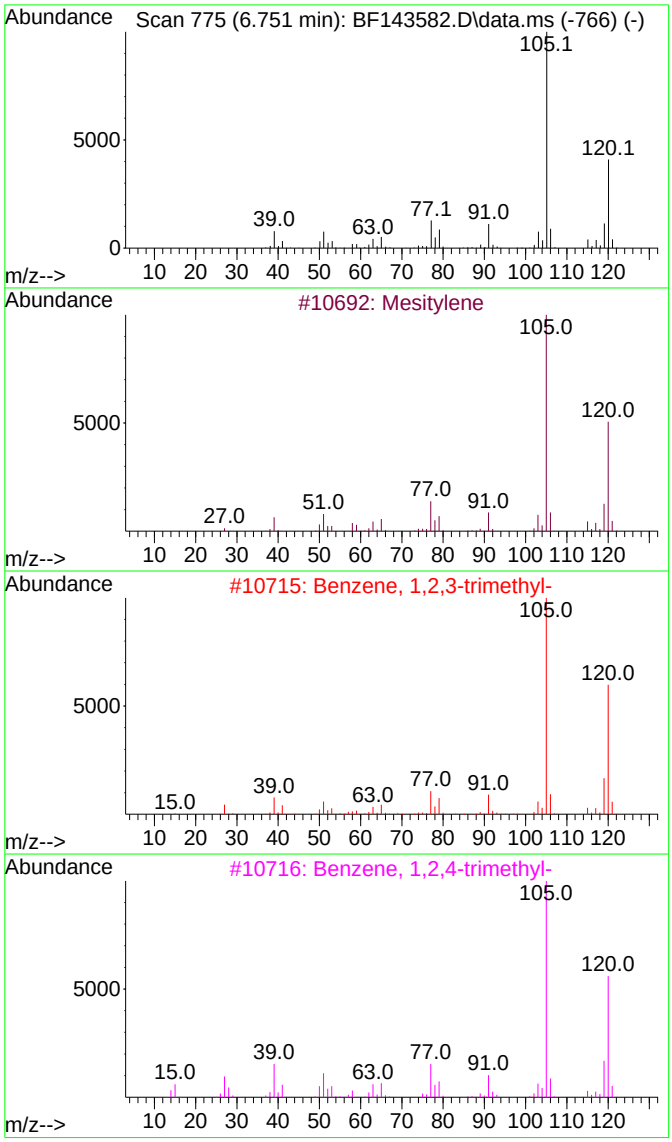
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

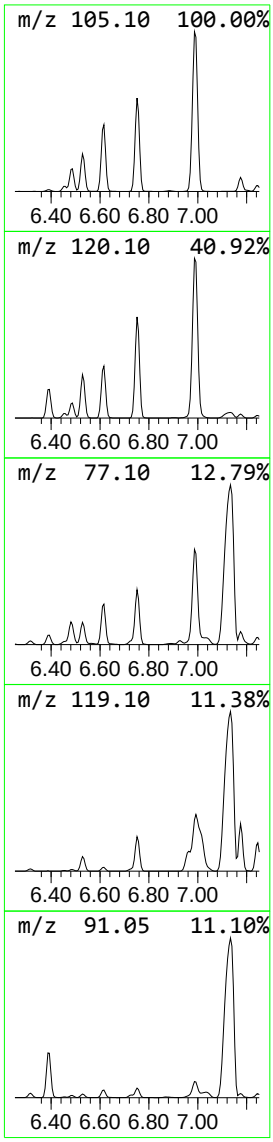
****

Peak Number 6 unknown6.751 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.751	38.87 ng	1136130	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

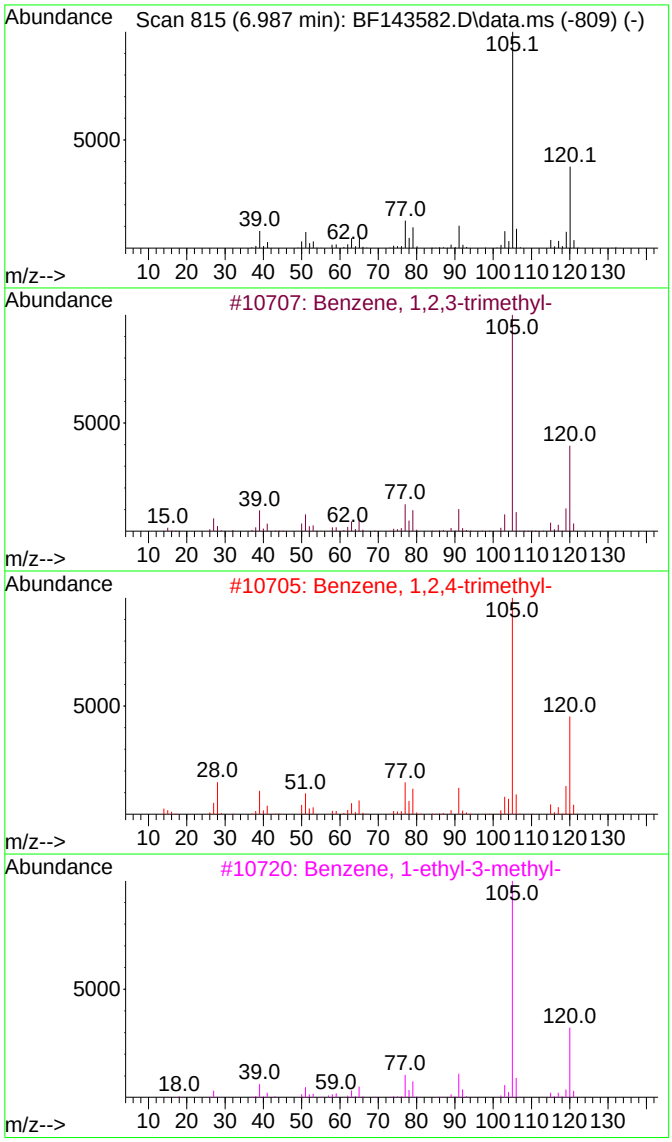
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

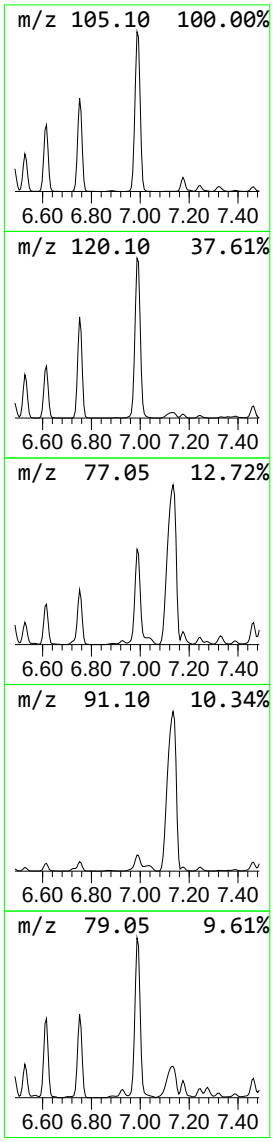
****

Peak Number 7 unknown6.987 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.987	73.45 ng	2147060	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

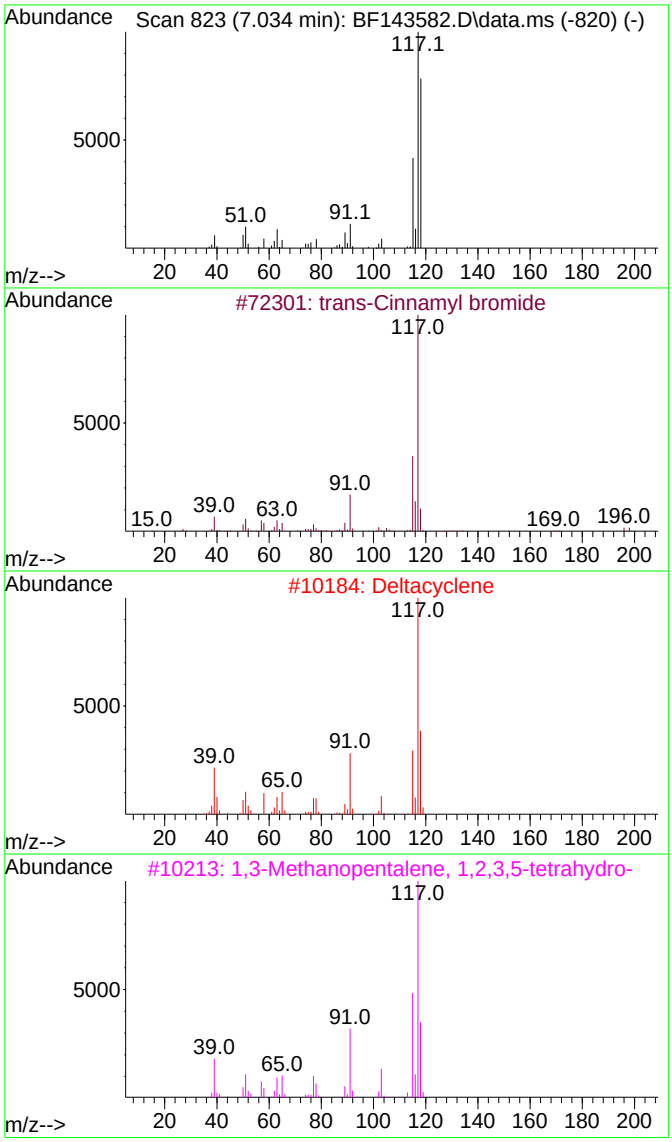
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

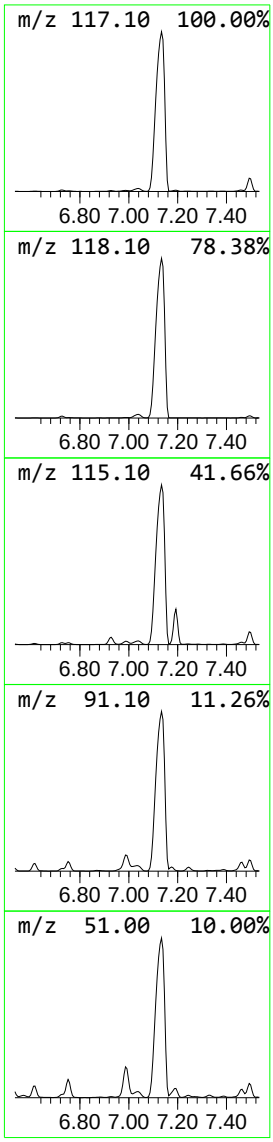
****

Peak Number 8 unknown7.034 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.034	13.57 ng	396790	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	47
2	Deltacyclene	118	C9H10	007785-10-6	43
3	1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	37
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	32
5	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	32





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Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

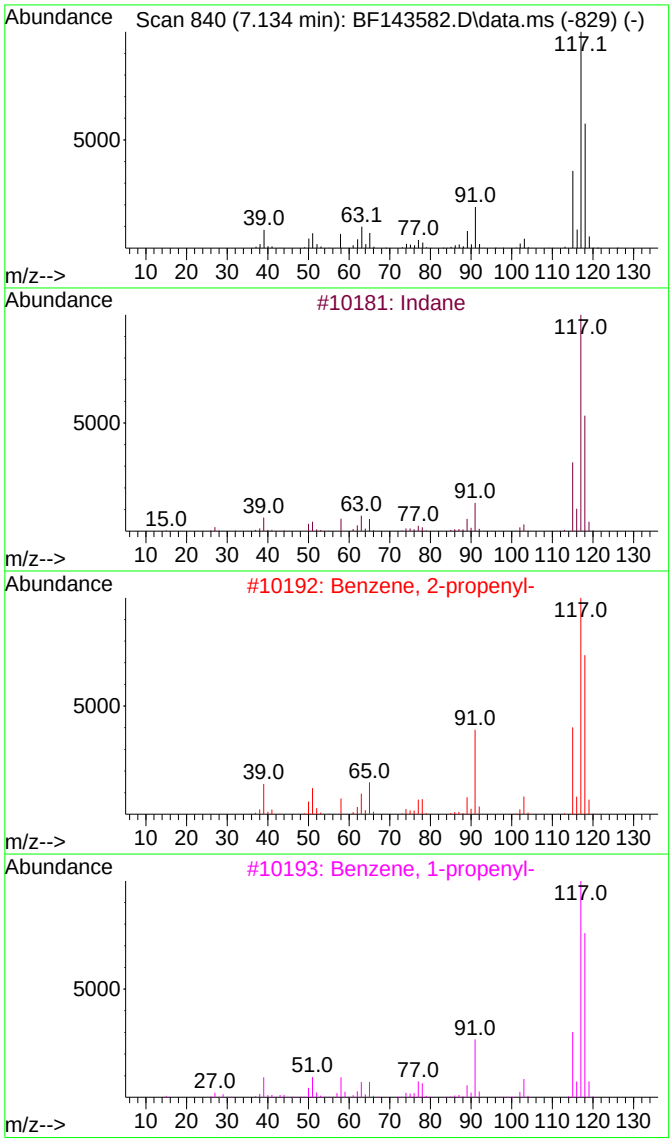
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

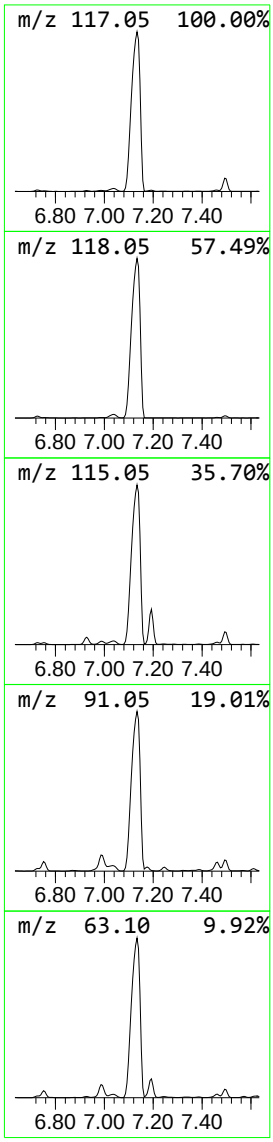
****

Peak Number 9 unknown7.134 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.134	740.13 ng	21634100	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	76
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74





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Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

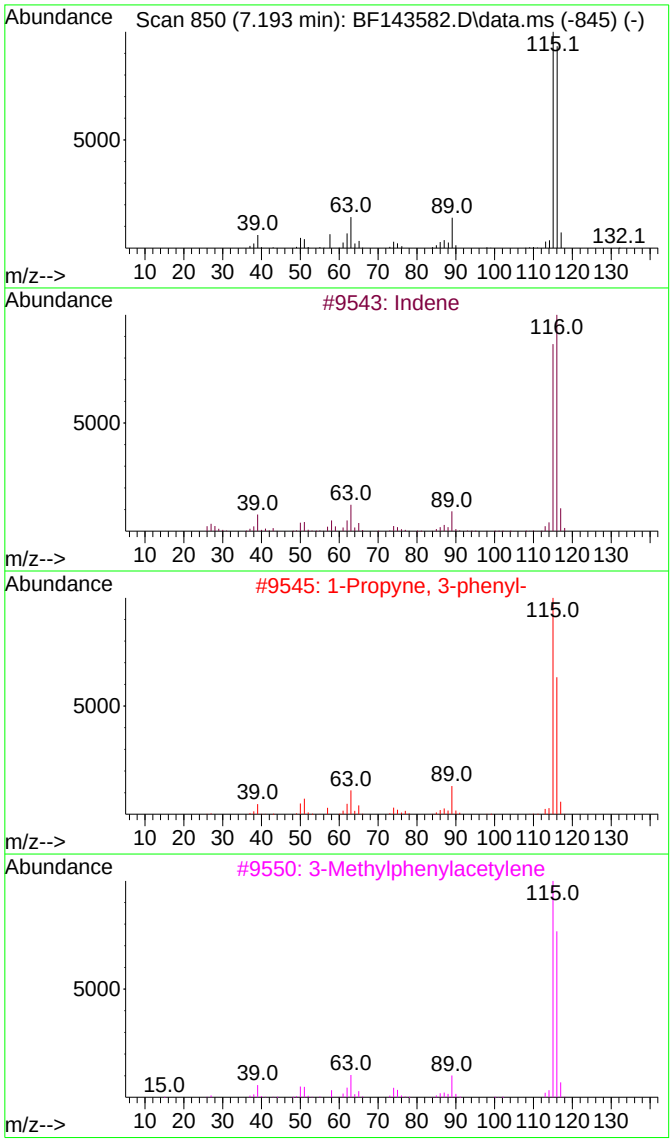
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

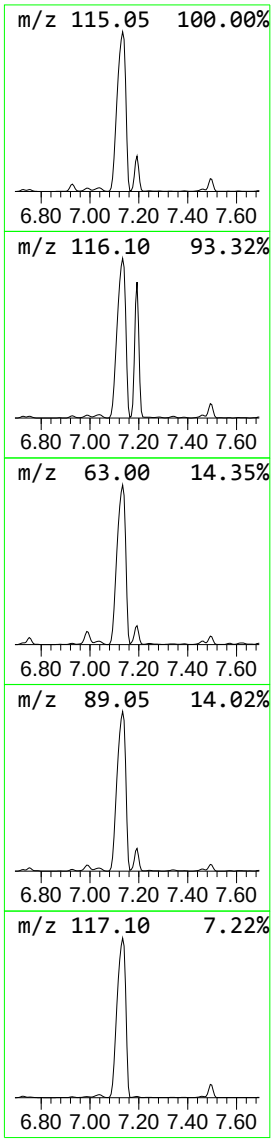
****

Peak Number 10 unknown7.193 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.193	33.94 ng	992119	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	94
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





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Sample : Q2924-05
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

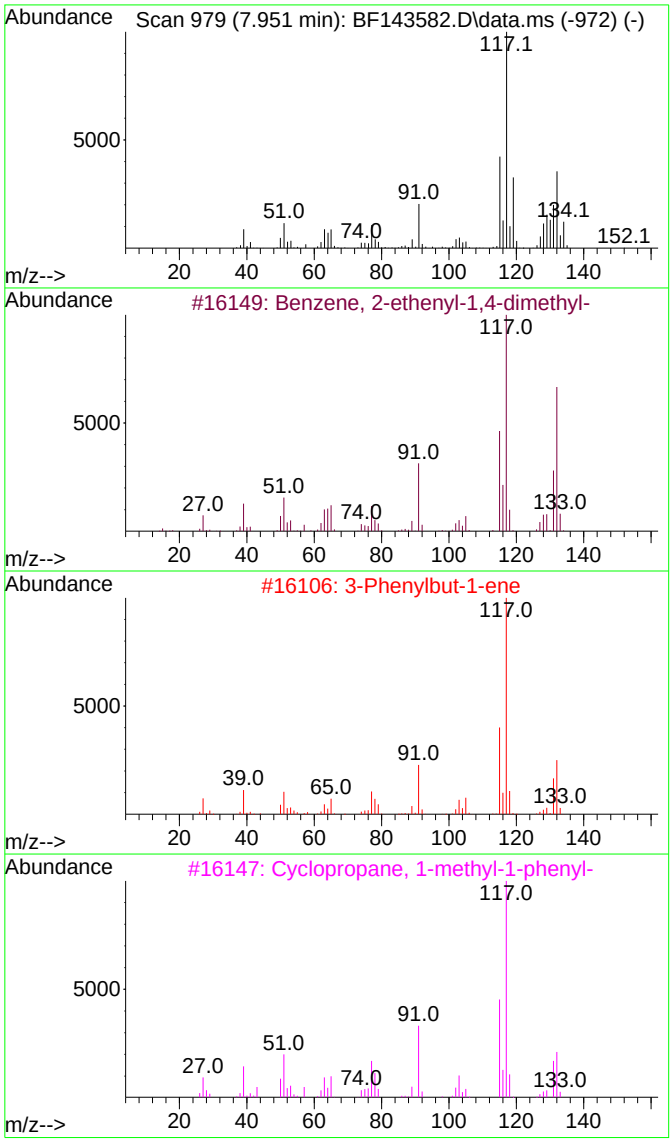
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

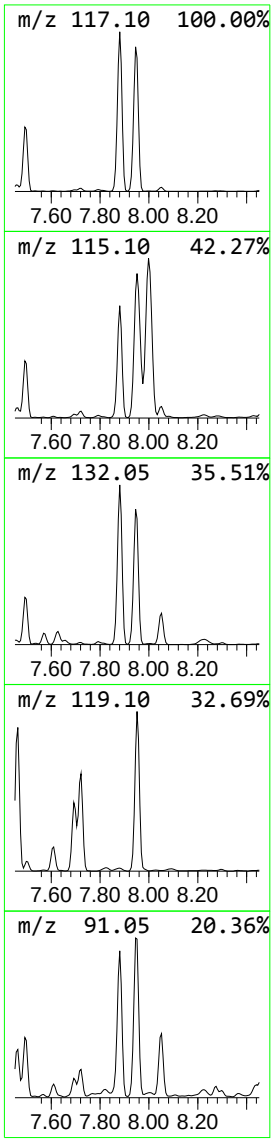
****

Peak Number 11 unknown7.951 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.951	2.19 ng	3463270	Naphthalene-d8	8.228

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
3	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	70
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64





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Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

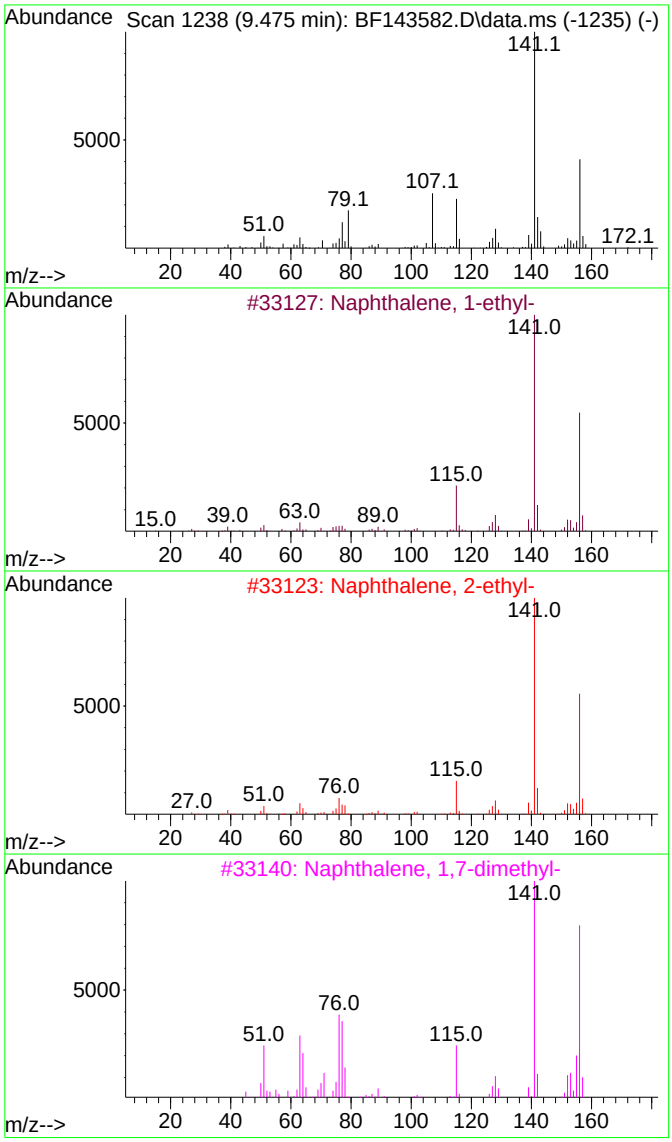
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

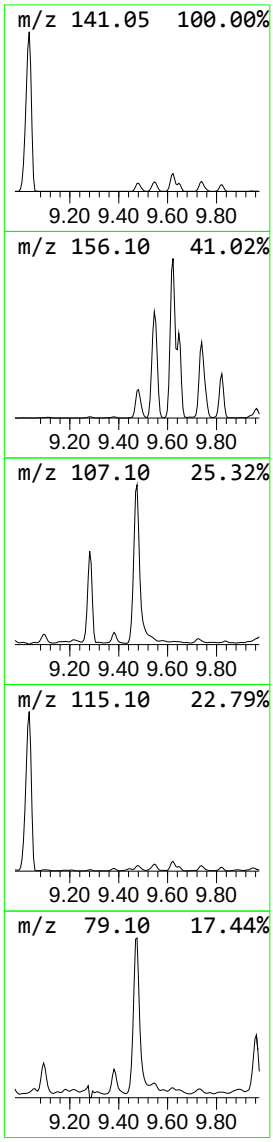
****

Peak Number 12 Naphthalene, 1-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.475	8.07 ng	525538	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	72
4	2-Amino-4-tertbutylthiazole	156	C7H12N2S	074370-93-7	53
5	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

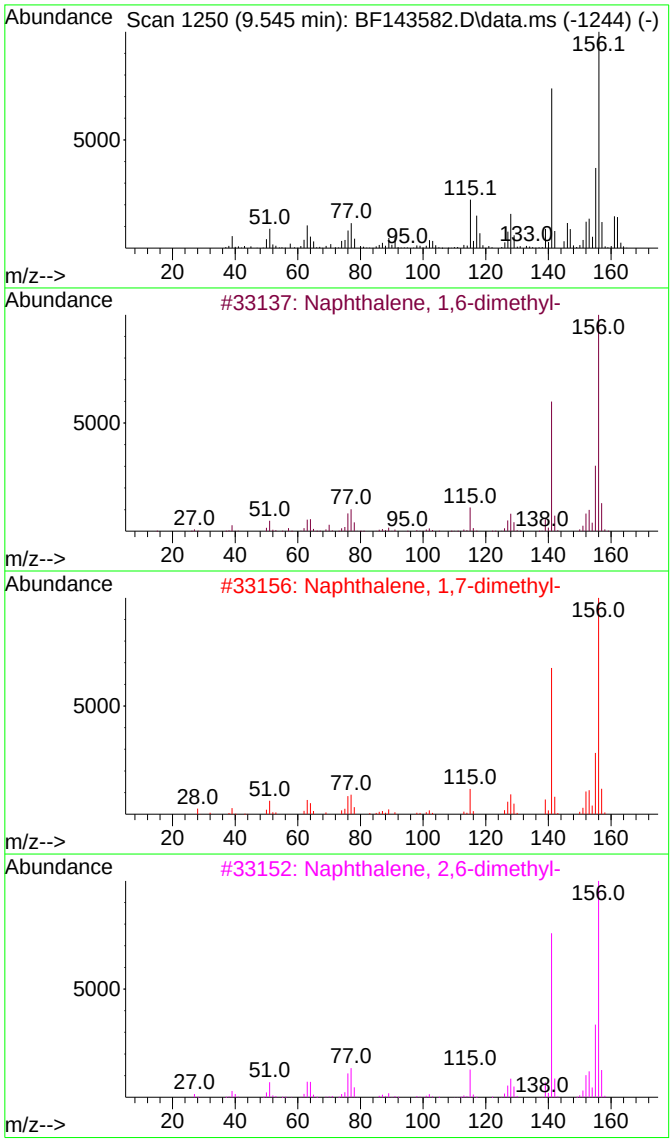
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

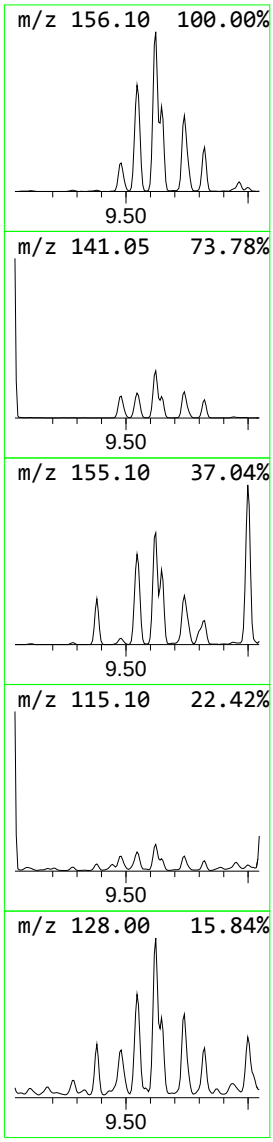
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.545	14.95 ng	974129	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

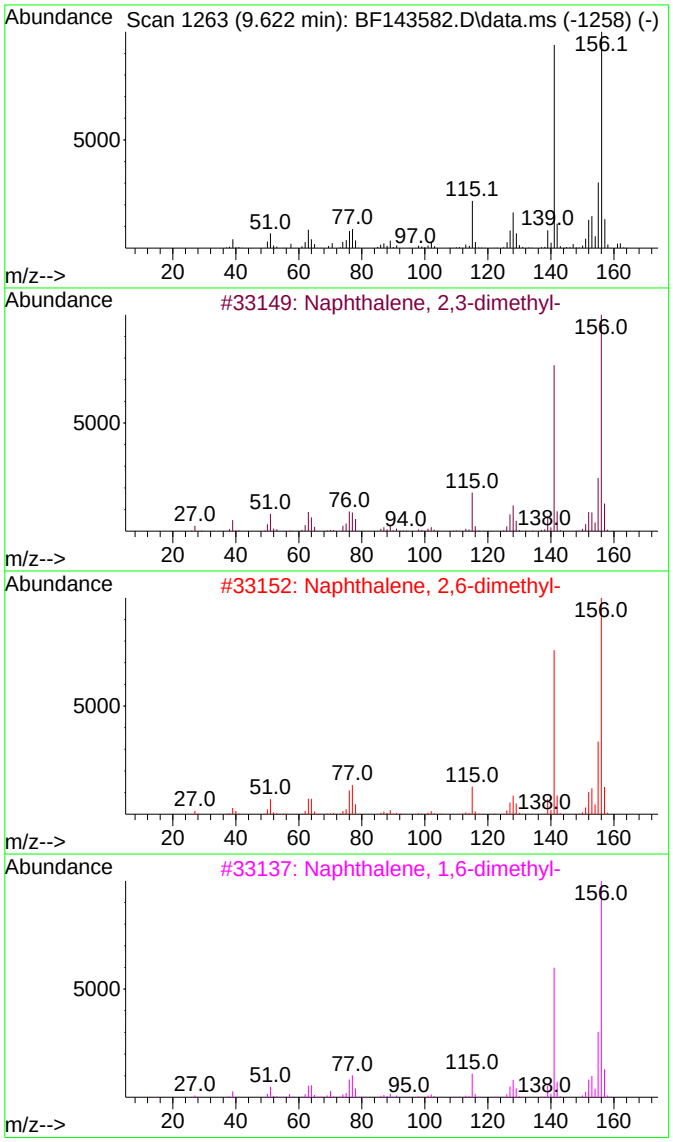
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

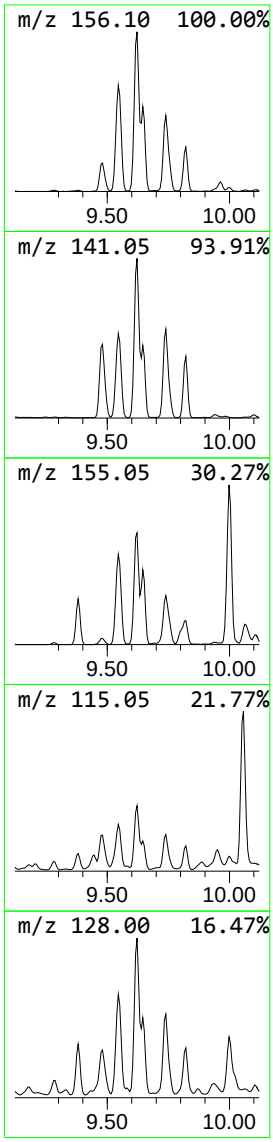
****

Peak Number 14 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.622	17.96 ng	1169610	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Sample Results: **BF143582.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

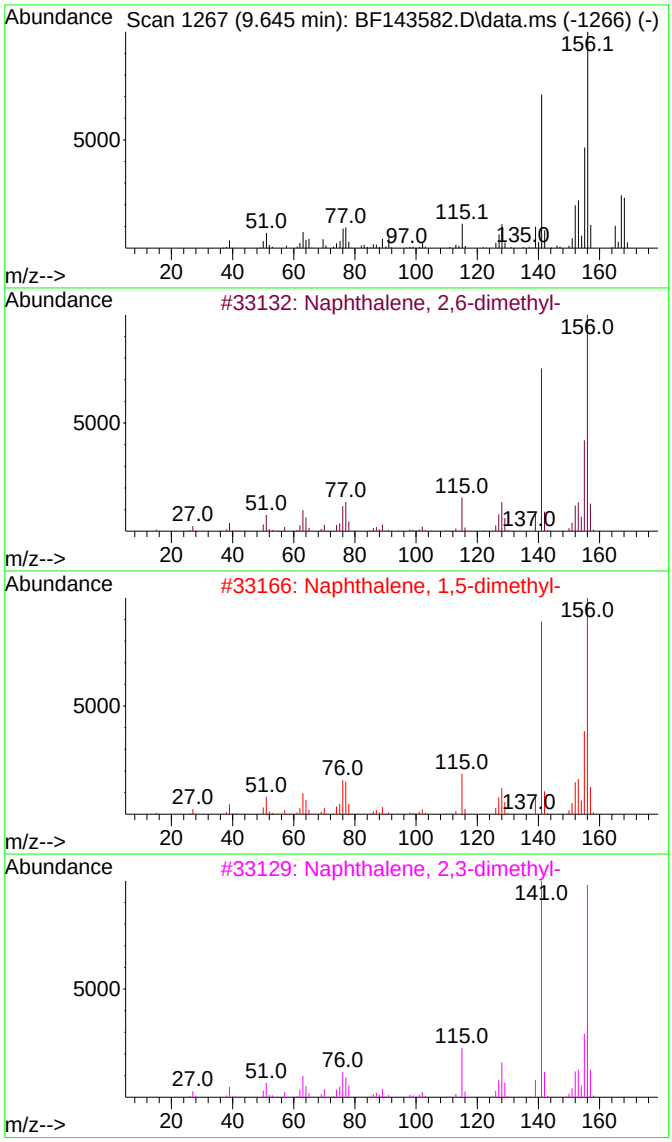
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

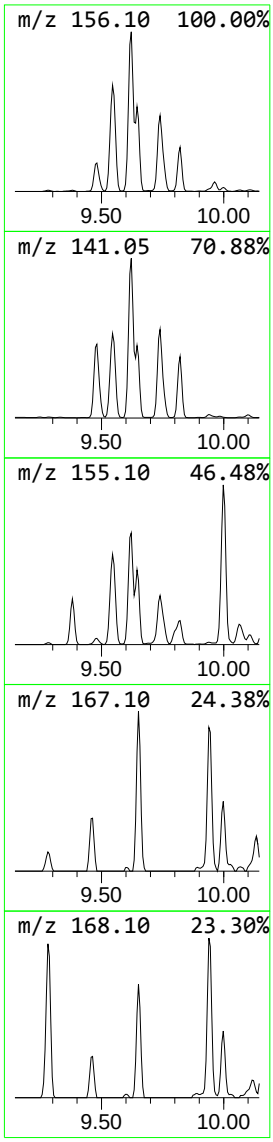
****

Peak Number 15 Naphthalene, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.645	5.68 ng	370153	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	86
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	83
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	78
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	78
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

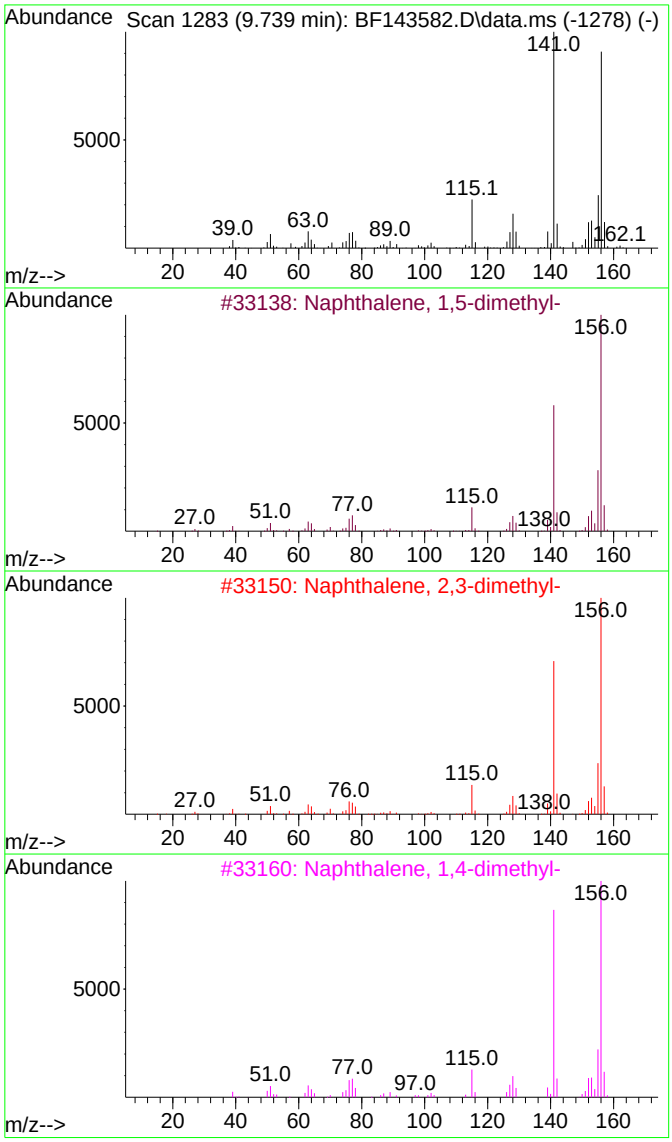
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

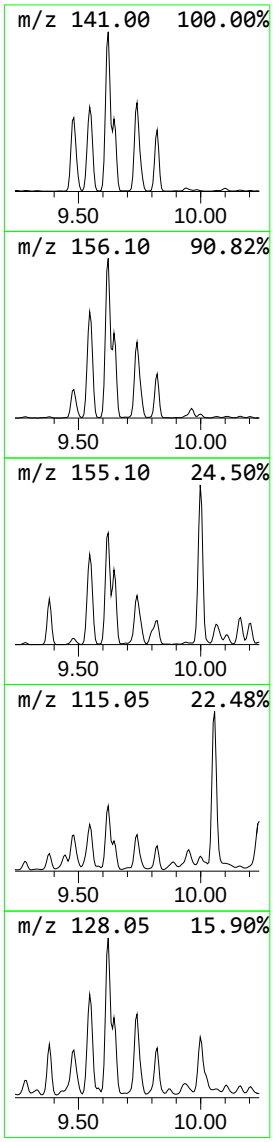
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 1,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.739	8.52 ng	555003	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

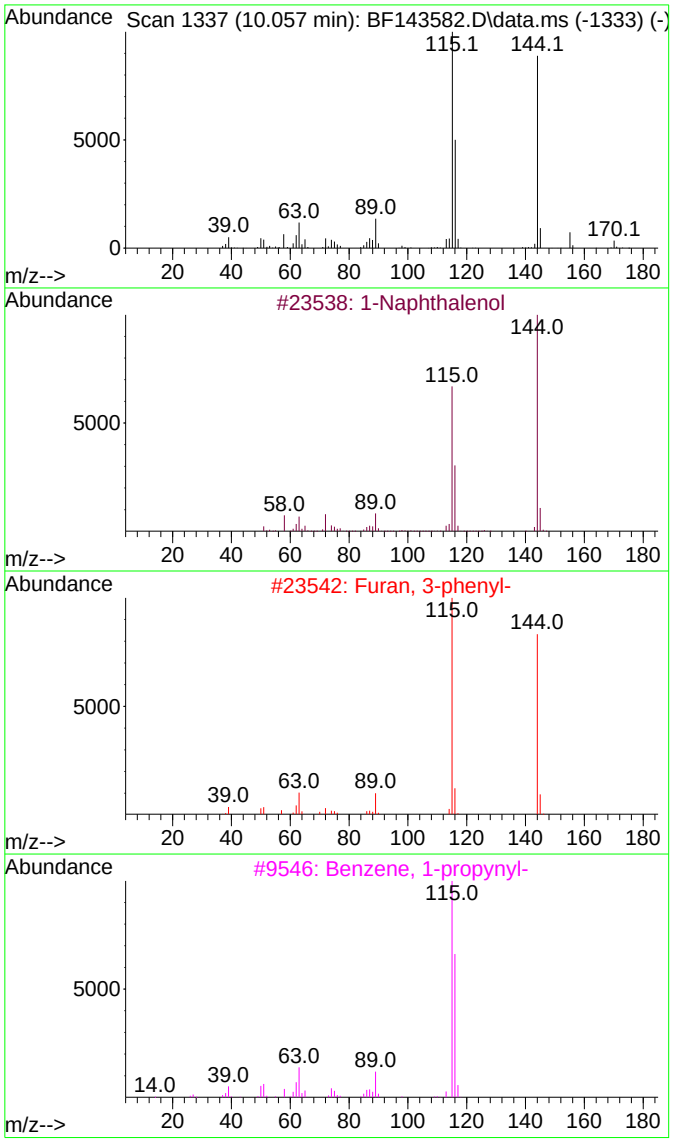
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

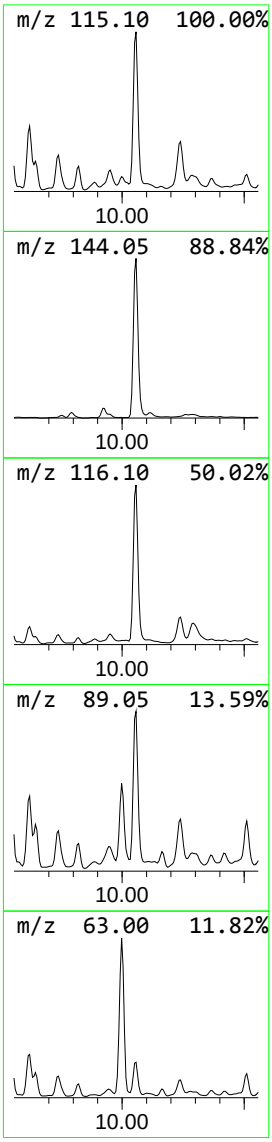
****

Peak Number 17 1-Naphthalenol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.057	6.82 ng	444539	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol	144	C10H8O	000090-15-3	97
2	Furan, 3-phenyl-	144	C10H8O	013679-41-9	93
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	90
5	2-Naphthalenol	144	C10H8O	000135-19-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

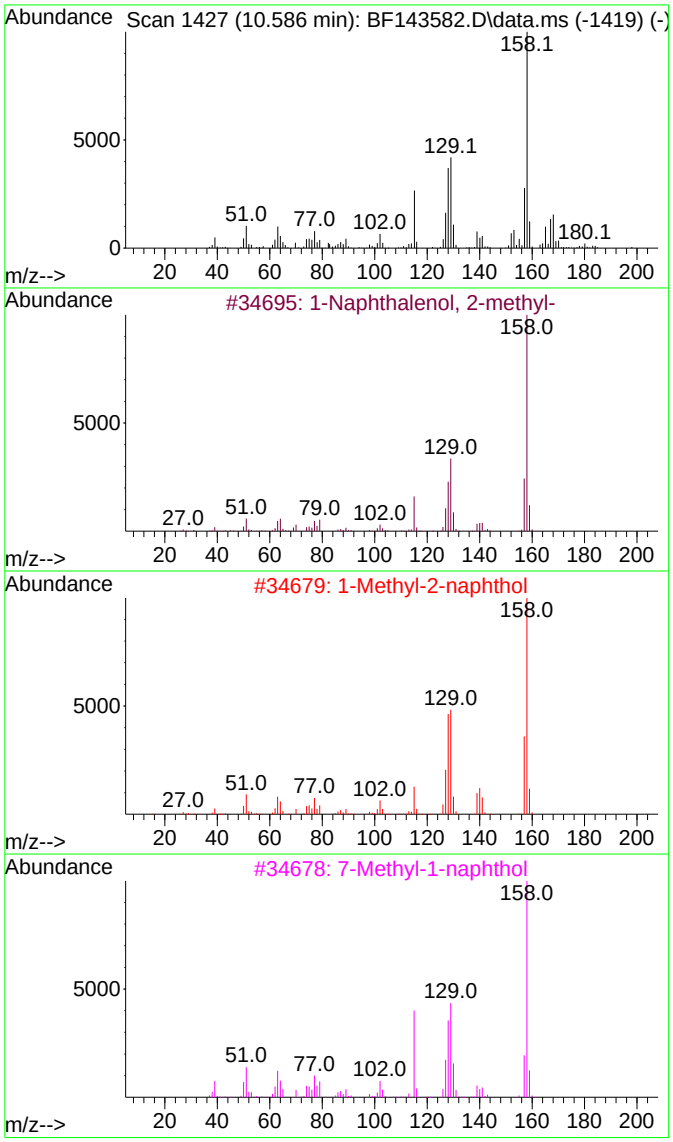
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

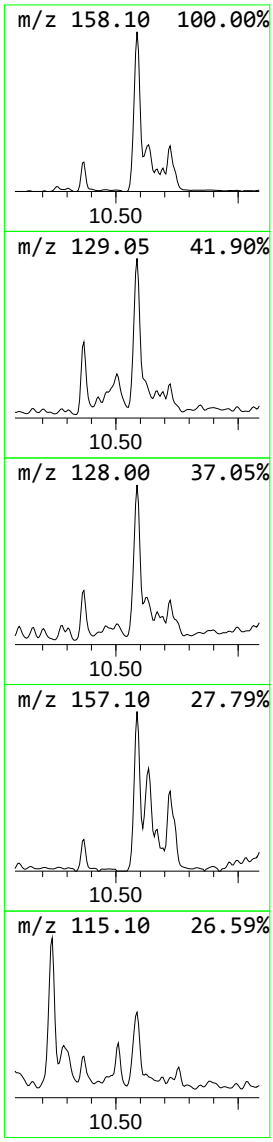
****

Peak Number 18 1-Naphthalenol, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.586	8.49 ng	553162	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	94
2	1-Methyl-2-naphthol	158	C11H10O	001076-26-2	90
3	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	89
4	Cinnoline, 3,4-dimethyl-	158	C10H10N2	003929-83-7	68
5	1-Naphthalenol, 4-methyl-	158	C11H10O	010240-08-1	50





Sample Results: **BF143582.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

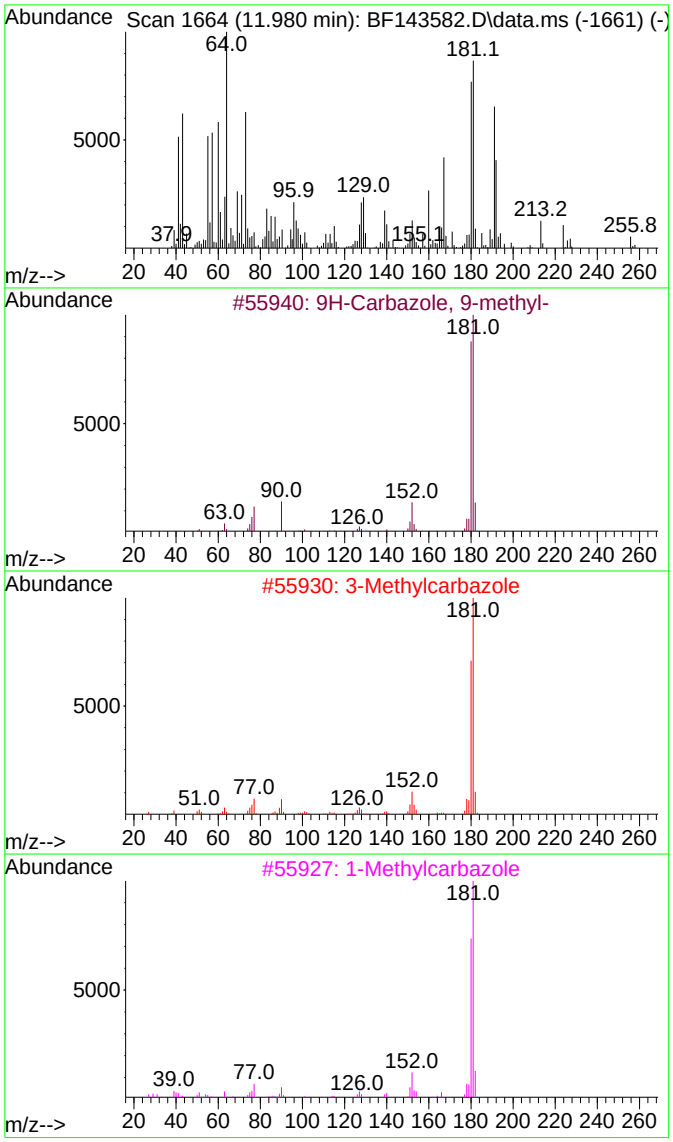
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

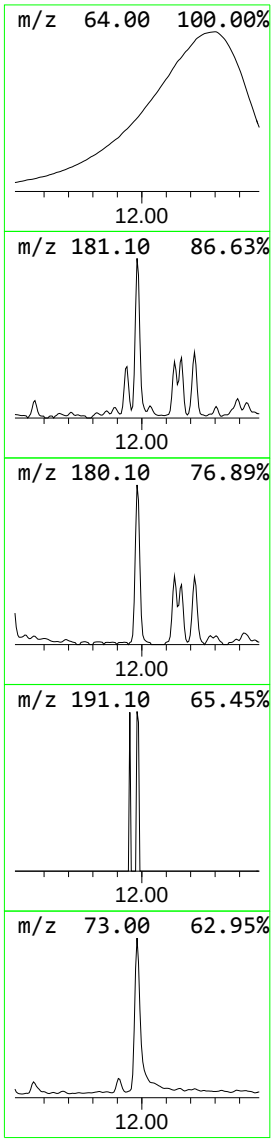
****

Peak Number 19 9H-Carbazole, 9-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	7.40 ng	339194	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	56
2	3-Methylcarbazole	181	C13H11N	004630-20-0	56
3	1-Methylcarbazole	181	C13H11N	006510-65-2	44
4	Hexathiane	192	S6	013798-23-7	38
5	Cyclic octaatomic sulfur	256	S8	010544-50-0	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.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...	2.252	104.2	ng	3045920	1	6.928	584600	20.0
1,3-Cyclopentad...	5.440	279.0	ng	8154400	1	6.928	584600	20.0
Benzene, 1,3-di...	5.787	27.5	ng	802606	1	6.928	584600	20.0
unknown6.387	6.387	13.4	ng	392468	1	6.928	584600	20.0
unknown6.751	6.751	38.9	ng	1136130	1	6.928	584600	20.0
unknown6.987	6.987	73.5	ng	2147060	1	6.928	584600	20.0
unknown7.034	7.034	13.6	ng	396790	1	6.928	584600	20.0
unknown7.134	7.134	740.1	ng	21634100	1	6.928	584600	20.0
unknown7.193	7.193	33.9	ng	992119	1	6.928	584600	20.0
unknown7.951	7.951	2.2	ng	3463270	2	8.228	31585200	20.0
Naphthalene, 1-...	9.475	8.1	ng	525538	3	9.963	1302770	20.0
Naphthalene, 1,...	9.545	14.9	ng	974129	3	9.963	1302770	20.0
Naphthalene, 2,...	9.622	18.0	ng	1169610	3	9.963	1302770	20.0
Naphthalene, 2,...	9.645	5.7	ng	370153	3	9.963	1302770	20.0
Naphthalene, 1,...	9.739	8.5	ng	555003	3	9.963	1302770	20.0
1-Naphthalenol	10.057	6.8	ng	444539	3	9.963	1302770	20.0
1-Naphthalenol,...	10.586	8.5	ng	553162	3	9.963	1302770	20.0
9H-Carbazole, 9...	11.980	7.4	ng	339194	4	11.451	916636	20.0

Raw Data: **BP025583.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2B-082025DL	SDG No.:	Q2924
Lab Sample ID:	Q2924-05DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025583.D	20	08/22/25 10:34	08/26/25 13:10	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	210	UD	81.5	210	ug/L
108-95-2	Phenol	100	UD	19.0	100	ug/L
111-44-4	bis(2-Chloroethyl)ether	100	UD	16.9	100	ug/L
95-57-8	2-Chlorophenol	100	UD	12.1	100	ug/L
95-48-7	2-Methylphenol	100	UD	23.3	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	100	UD	26.7	100	ug/L
98-86-2	Acetophenone	100	UD	15.4	100	ug/L
65794-96-9	3+4-Methylphenols	210	UD	22.9	210	ug/L
621-64-7	n-Nitroso-di-n-propylamine	52.1	UD	29.4	52.1	ug/L
67-72-1	Hexachloroethane	100	UD	13.5	100	ug/L
98-95-3	Nitrobenzene	100	UD	15.8	100	ug/L
78-59-1	Isophorone	100	UD	15.6	100	ug/L
88-75-5	2-Nitrophenol	100	UD	36.7	100	ug/L
105-67-9	2,4-Dimethylphenol	100	UD	38.5	100	ug/L
111-91-1	bis(2-Chloroethoxy)methane	100	UD	14.2	100	ug/L
120-83-2	2,4-Dichlorophenol	100	UD	10.8	100	ug/L
91-20-3	Naphthalene	1800	ED	10.4	100	ug/L
106-47-8	4-Chloroaniline	100	UD	17.5	100	ug/L
87-68-3	Hexachlorobutadiene	100	UD	11.3	100	ug/L
105-60-2	Caprolactam	210	UD	23.5	210	ug/L
59-50-7	4-Chloro-3-methylphenol	100	UD	12.3	100	ug/L
91-57-6	2-Methylnaphthalene	180	D	11.7	100	ug/L
77-47-4	Hexachlorocyclopentadiene	210	UD	75.6	210	ug/L
88-06-2	2,4,6-Trichlorophenol	100	UD	10.6	100	ug/L
95-95-4	2,4,5-Trichlorophenol	100	UD	12.9	100	ug/L
92-52-4	1,1-Biphenyl	100	UD	11.0	100	ug/L
91-58-7	2-Chloronaphthalene	100	UD	12.7	100	ug/L
88-74-4	2-Nitroaniline	100	UD	26.3	100	ug/L
131-11-3	Dimethylphthalate	100	UD	12.7	100	ug/L

Raw Data: **BP025583.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2B-082025DL	SDG No.:	Q2924
Lab Sample ID:	Q2924-05DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025583.D	20	08/22/25 10:34	08/26/25 13:10	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	100	UD	15.6	100	ug/L
606-20-2	2,6-Dinitrotoluene	100	UD	19.2	100	ug/L
99-09-2	3-Nitroaniline	100	UD	21.9	100	ug/L
83-32-9	Acenaphthene	72.5	JD	11.5	100	ug/L
51-28-5	2,4-Dinitrophenol	210	UD	120	210	ug/L
100-02-7	4-Nitrophenol	210	UD	49.6	210	ug/L
132-64-9	Dibenzofuran	100	UD	12.7	100	ug/L
121-14-2	2,4-Dinitrotoluene	100	UD	25.4	100	ug/L
84-66-2	Diethylphthalate	100	UD	14.4	100	ug/L
7005-72-3	4-Chlorophenyl-phenylether	100	UD	14.2	100	ug/L
86-73-7	Fluorene	100	UD	13.1	100	ug/L
100-01-6	4-Nitroaniline	100	UD	31.3	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	210	UD	60.0	210	ug/L
86-30-6	n-Nitrosodiphenylamine	100	UD	12.1	100	ug/L
101-55-3	4-Bromophenyl-phenylether	100	UD	8.30	100	ug/L
118-74-1	Hexachlorobenzene	100	UD	10.8	100	ug/L
1912-24-9	Atrazine	100	UD	21.0	100	ug/L
87-86-5	Pentachlorophenol	210	UD	32.9	210	ug/L
85-01-8	Phenanthrene	100	UD	10.4	100	ug/L
120-12-7	Anthracene	100	UD	12.7	100	ug/L
86-74-8	Carbazole	100	UD	15.0	100	ug/L
84-74-2	Di-n-butylphthalate	100	UD	25.4	100	ug/L
206-44-0	Fluoranthene	100	UD	17.1	100	ug/L
129-00-0	Pyrene	100	UD	10.4	100	ug/L
85-68-7	Butylbenzylphthalate	100	UD	40.2	100	ug/L
91-94-1	3,3-Dichlorobenzidine	210	UD	19.4	210	ug/L
56-55-3	Benzo(a)anthracene	100	UD	9.40	100	ug/L
218-01-9	Chrysene	100	UD	9.20	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	100	UD	33.3	100	ug/L
117-84-0	Di-n-octyl phthalate	210	UD	48.8	210	ug/L
205-99-2	Benzo(b)fluoranthene	100	UD	10.2	100	ug/L

Raw Data: **BP025583.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2B-082025DL	SDG No.:	Q2924
Lab Sample ID:	Q2924-05DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025583.D	20	08/22/25 10:34	08/26/25 13:10	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	100	UD	10.0	100	ug/L
50-32-8	Benzo(a)pyrene	100	UD	11.5	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	100	UD	12.3	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	100	UD	14.0	100	ug/L
191-24-2	Benzo(g,h,i)perylene	100	UD	14.4	100	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	100	UD	10.8	100	ug/L
123-91-1	1,4-Dioxane	100	UD	20.8	100	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	100	UD	15.0	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	80.0		23 - 138	53%	SPK: 150
13127-88-3	Phenol-d6	51.4		10 - 134	34%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.6		67 - 132	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.6		52 - 132	91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	150		44 - 137	100%	SPK: 150
1718-51-0	Terphenyl-d14	93.2		42 - 152	93%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	167000	7.772			
1146-65-2	Naphthalene-d8	645000	10.549			
15067-26-2	Acenaphthene-d10	404000	14.39			
1517-22-2	Phenanthrene-d10	820000	17.189			
1719-03-5	Chrysene-d12	923000	21.63			
1520-96-3	Perylene-d12	1100000	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\BP082625\
Data File : BP025583.D
Acq On : 26 Aug 2025 13:10
Operator : CG/JU
Sample : Q2924-05DL 20X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2B-082025DL

Quant Time: Aug 26 13:34:42 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

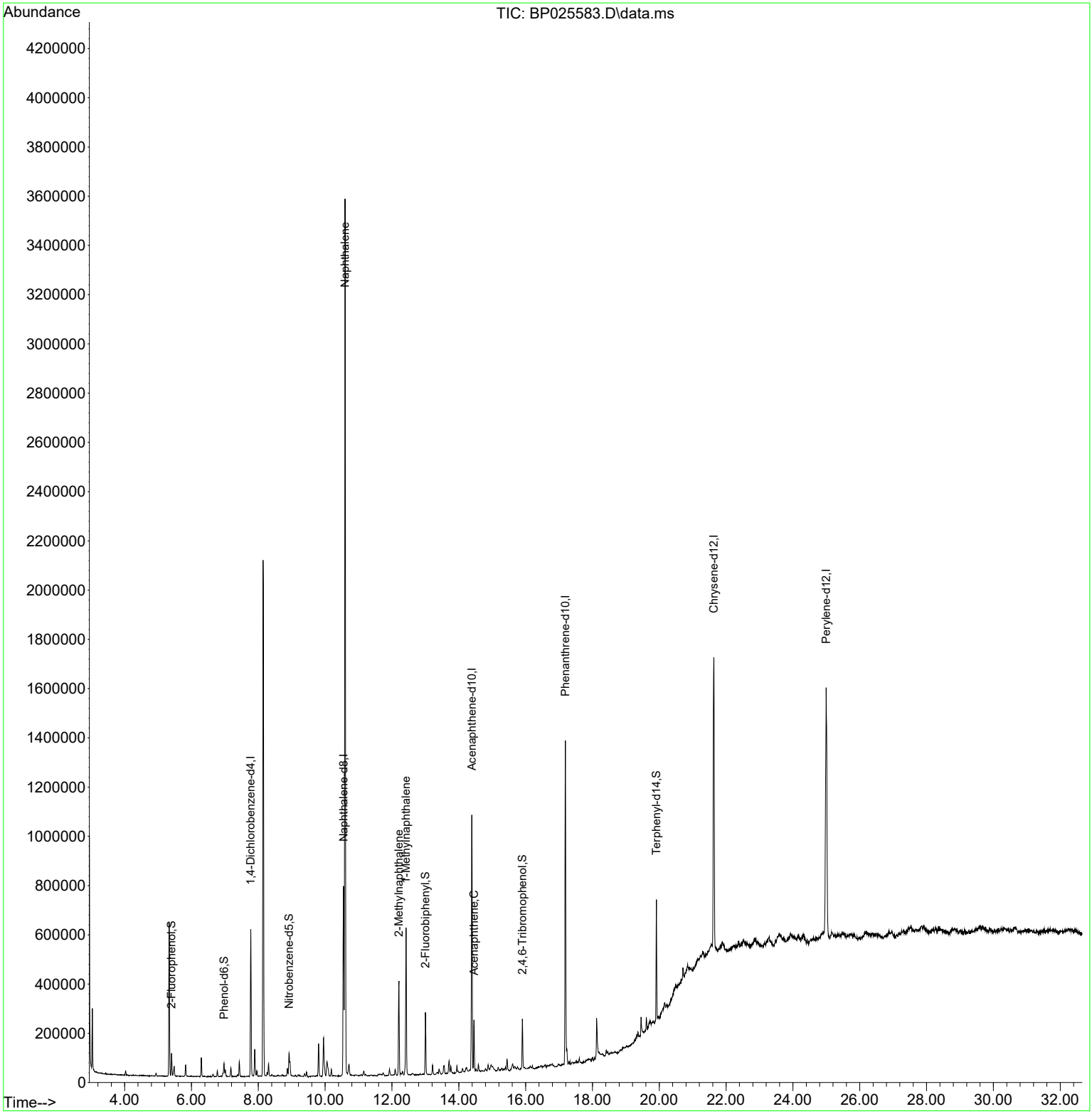
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	167152	20.000	ng	-0.02
21) Naphthalene-d8	10.549	136	645100	20.000	ng	-0.01
39) Acenaphthene-d10	14.390	164	403608	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	820492	20.000	ng	-0.01
76) Chrysene-d12	21.630	240	922833	20.000	ng	-0.02
86) Perylene-d12	24.995	264	1102540	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	40260	4.000	ng	0.00
7) Phenol-d6	6.972	99	33165	2.570	ng	0.00
23) Nitrobenzene-d5	8.919	82	54580	4.280	ng	-0.02
42) 2,4,6-Tribromophenol	15.901	330	40721	7.496	ng	-0.01
45) 2-Fluorobiphenyl	13.001	172	133756	4.529	ng	-0.02
79) Terphenyl-d14	19.913	244	234966	4.658	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.596	128	2858419	85.251	ng	100
37) 2-Methylnaphthalene	12.207	142	186794	8.561	ng	97
38) 1-Methylnaphthalene	12.419	142	285682	12.311	ng	99
52) Acenaphthene	14.454	154	77091	3.478	ng	92

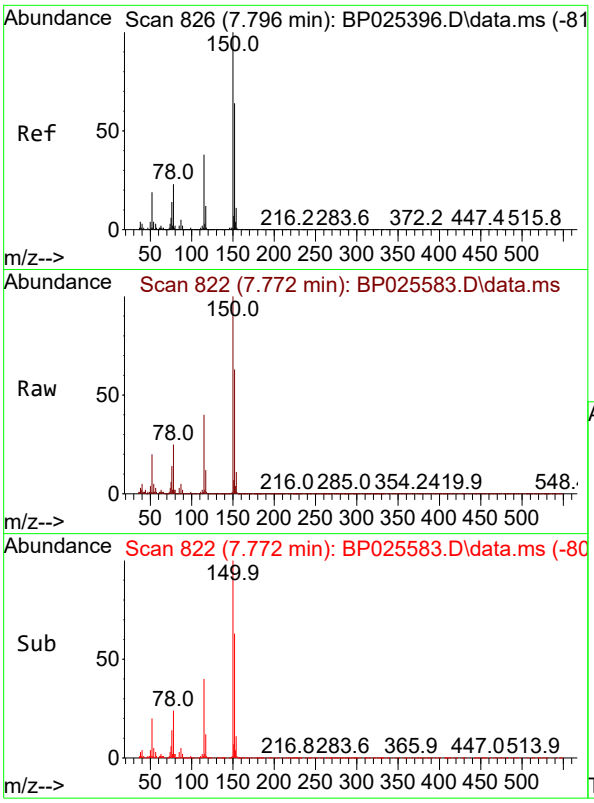
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025583.D
Acq On : 26 Aug 2025 13:10
Operator : CG/JU
Sample : Q2924-05DL 20X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2B-082025DL

Quant Time: Aug 26 13:34:42 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



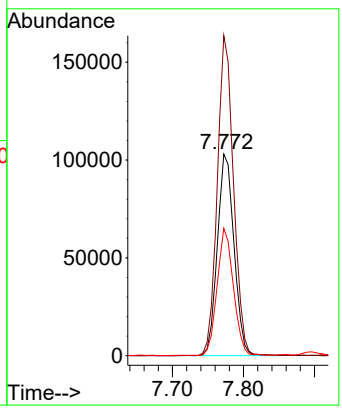


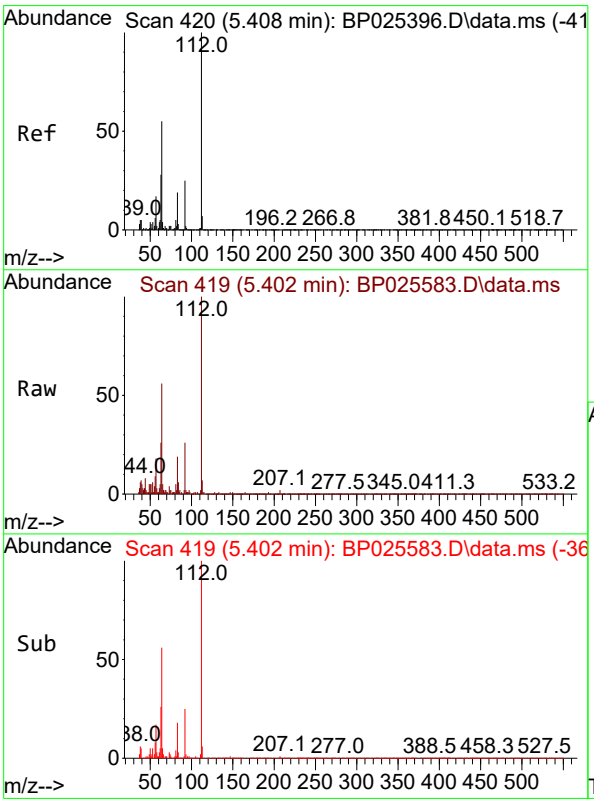
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 8
Delta R.T. -0.024 min
Lab File: BP025583.D
Acq: 26 Aug 2025 13:10

Instrument :
BNA_P
ClientSampleId :
MW-2B-082025DL

Tgt Ion:152 Resp: 167152

Ion	Ratio	Lower	Upper
152	100		
150	158.8	125.9	188.9
115	63.2	48.5	72.7

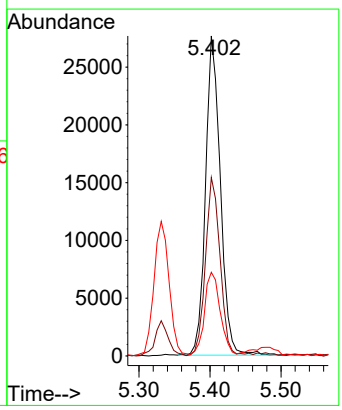


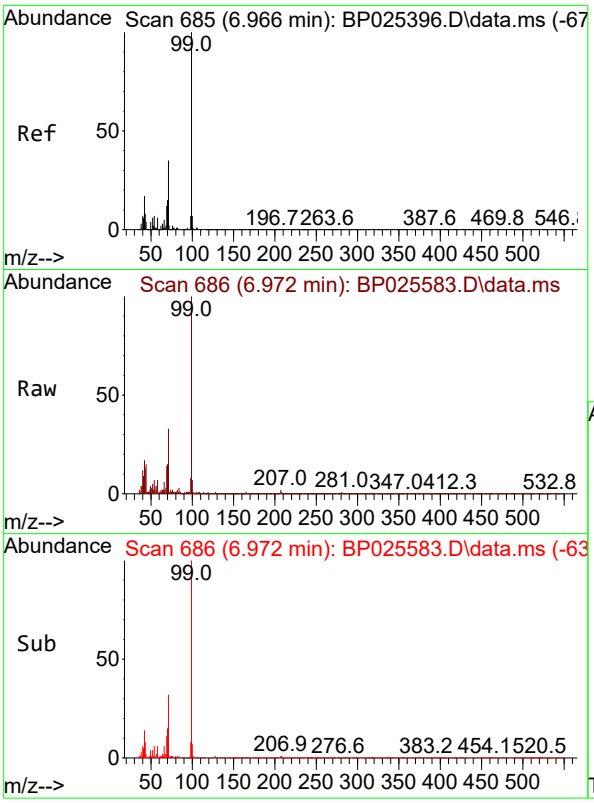


#5
2-Fluorophenol
Concen: 4.000 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025583.D
Acq: 26 Aug 2025 13:10

Tgt Ion:112 Resp: 40260

Ion	Ratio	Lower	Upper
112	100		
64	55.7	43.8	65.8
63	26.1	22.7	34.1



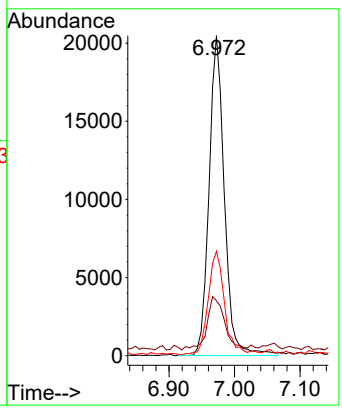


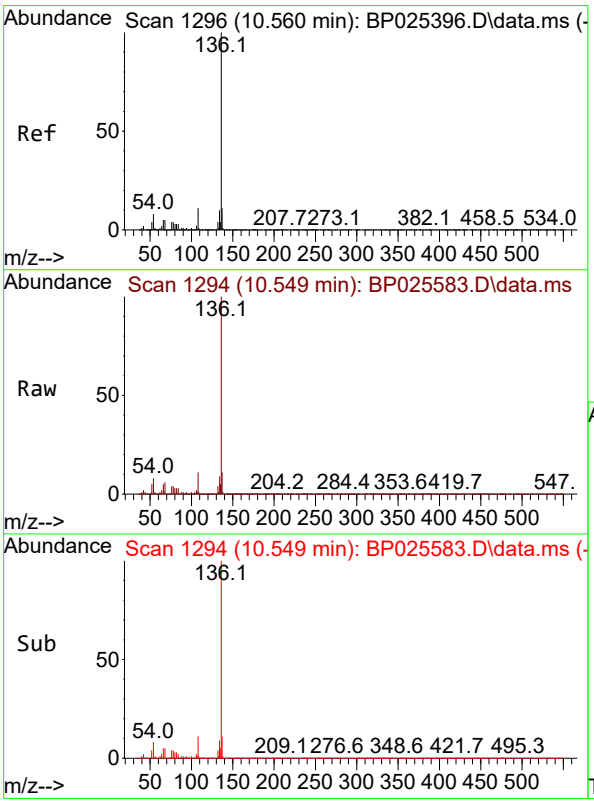
#7
Phenol-d6
Concen: 2.570 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025583.D
Acq: 26 Aug 2025 13:10

Instrument :
BNA_P
ClientSampleId :
MW-2B-082025DL

Tgt Ion: 99 Resp: 33165

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.7	20.5
71	32.6	28.2	42.4

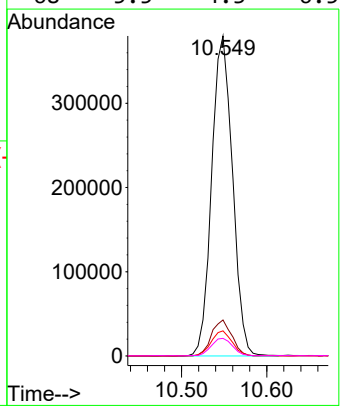


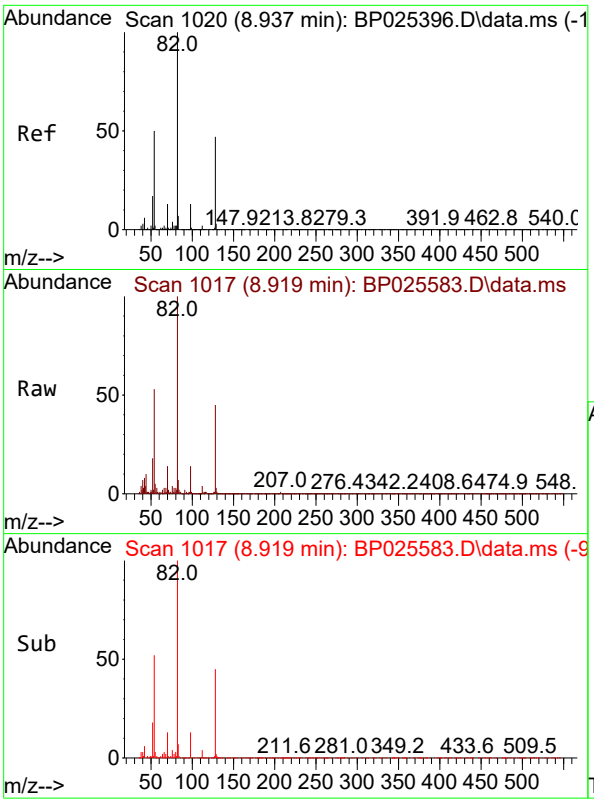


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.549 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BP025583.D
Acq: 26 Aug 2025 13:10

Tgt Ion:136 Resp: 645100

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	7.9	6.0	9.0
68	5.5	4.3	6.5



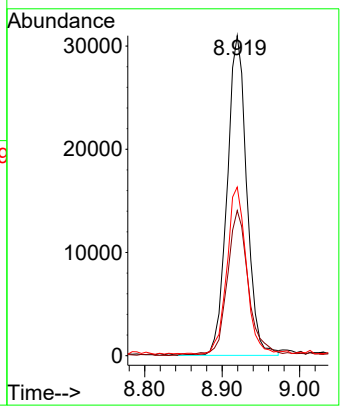


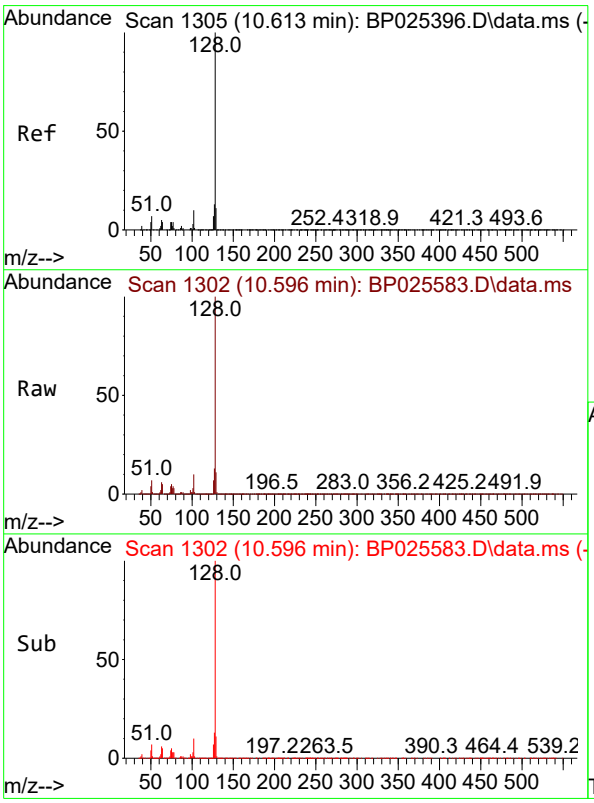
#23
Nitrobenzene-d5
Concen: 4.280 ng
RT: 8.919 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025583.D
Acq: 26 Aug 2025 13:10

Instrument :
BNA_P
ClientSampleId :
MW-2B-082025DL

Tgt Ion: 82 Resp: 54580

Ion	Ratio	Lower	Upper
82	100		
128	45.3	37.7	56.5
54	52.7	39.8	59.6

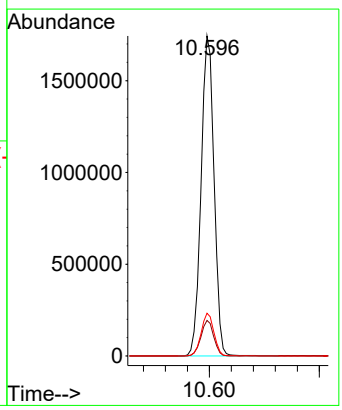


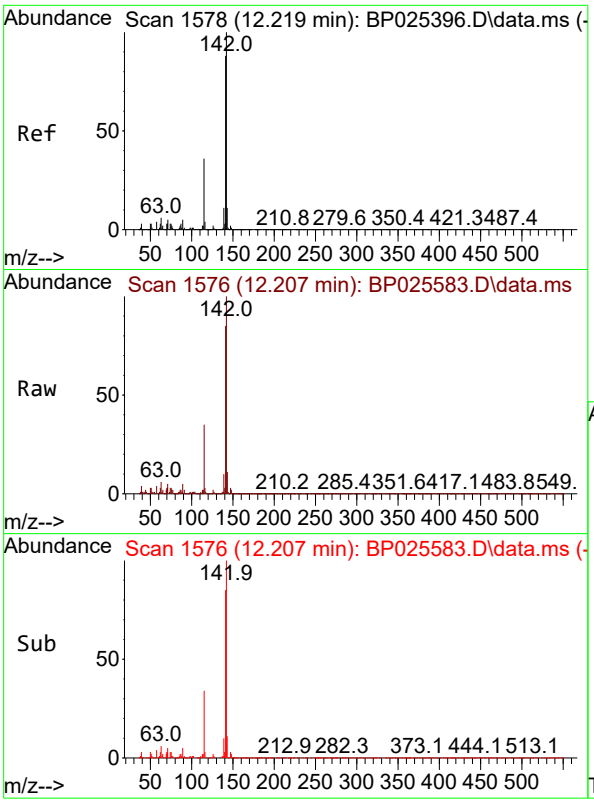


#31
Naphthalene
Concen: 85.251 ng
RT: 10.596 min Scan# 1302
Delta R.T. -0.017 min
Lab File: BP025583.D
Acq: 26 Aug 2025 13:10

Tgt Ion:128 Resp: 2858419

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.3	10.7	16.1



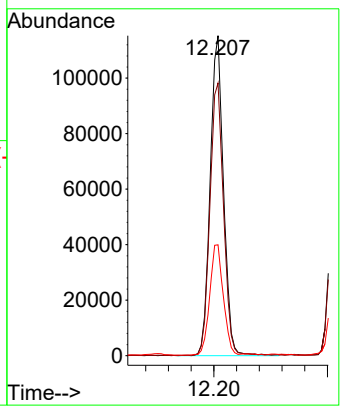


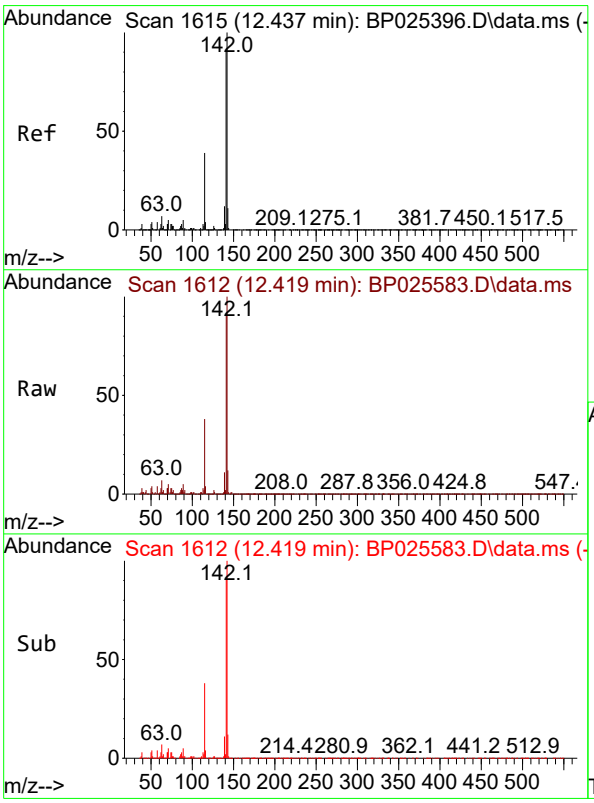
#37
2-Methylnaphthalene
Concen: 8.561 ng
RT: 12.207 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025583.D
Acq: 26 Aug 2025 13:10

Instrument :
BNA_P
ClientSampleId :
MW-2B-082025DL

Tgt Ion:142 Resp: 186794

Ion	Ratio	Lower	Upper
142	100		
141	85.2	70.3	105.5
115	34.6	28.9	43.3

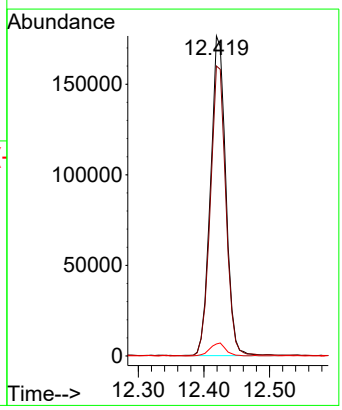


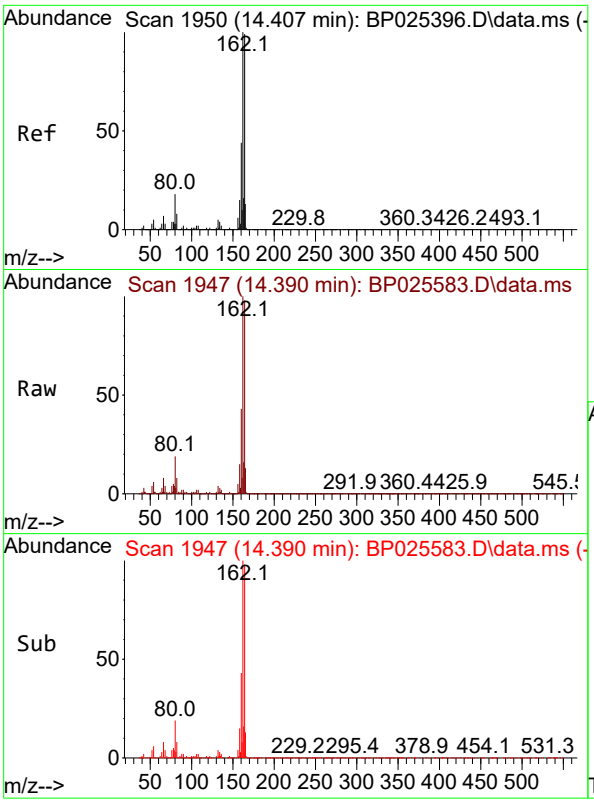


#38
1-Methylnaphthalene
Concen: 12.311 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.017 min
Lab File: BP025583.D
Acq: 26 Aug 2025 13:10

Tgt Ion:142 Resp: 285682

Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.1	109.7
116	3.7	3.2	4.8



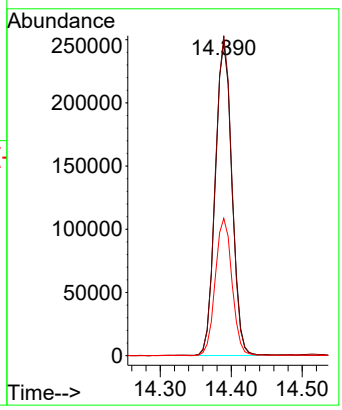


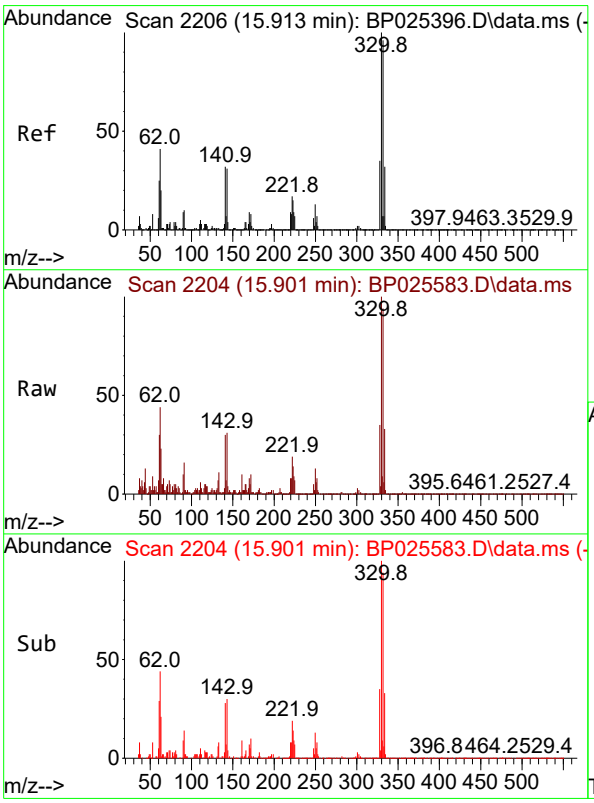
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.390 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025583.D
Acq: 26 Aug 2025 13:10

Instrument :
BNA_P
ClientSampleId :
MW-2B-082025DL

Tgt Ion:164 Resp: 403608

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.0	121.6
160	43.9	35.4	53.2

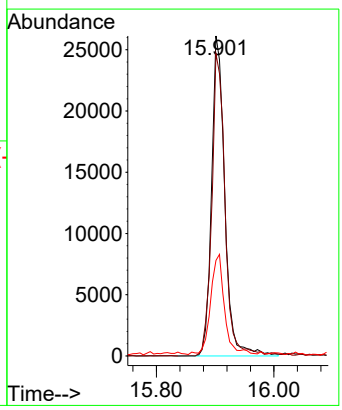


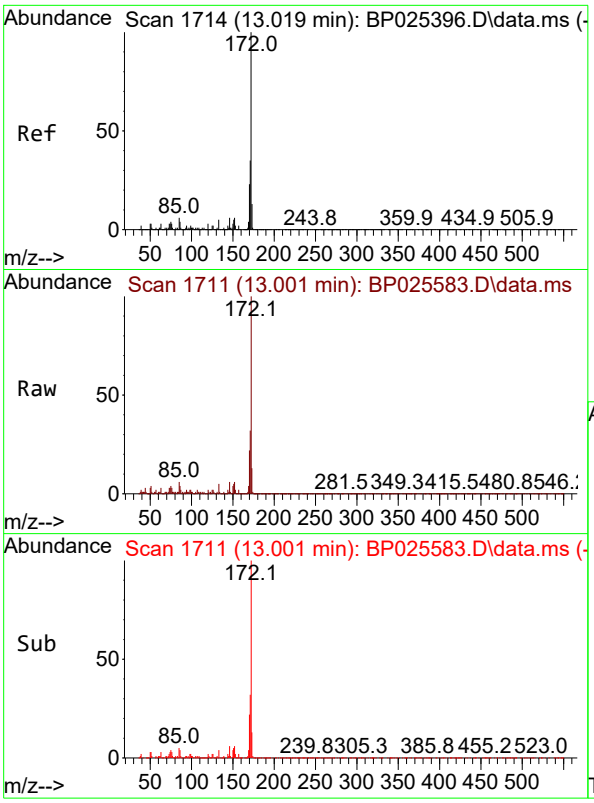


#42
2,4,6-Tribromophenol
Concen: 7.496 ng
RT: 15.901 min Scan# 2204
Delta R.T. -0.012 min
Lab File: BP025583.D
Acq: 26 Aug 2025 13:10

Tgt Ion:330 Resp: 40721

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.3	115.9
141	32.7	26.6	39.8



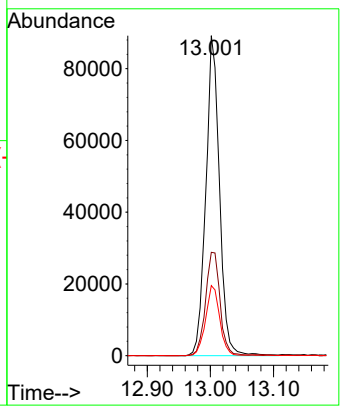


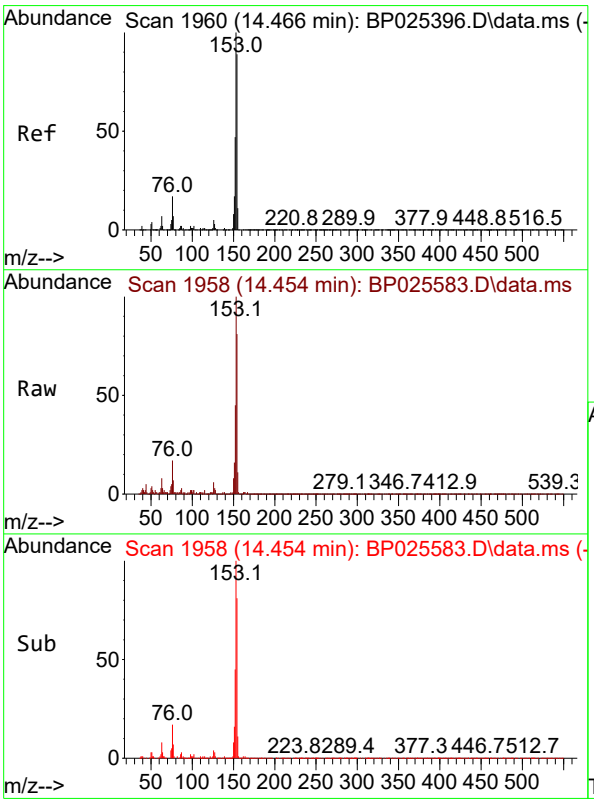
#45
2-Fluorobiphenyl
Concen: 4.529 ng
RT: 13.001 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025583.D
Acq: 26 Aug 2025 13:10

Instrument :
BNA_P
ClientSampleId :
MW-2B-082025DL

Tgt Ion:172 Resp: 133756

Ion	Ratio	Lower	Upper
172	100		
171	32.3	28.1	42.1
170	21.9	18.6	28.0

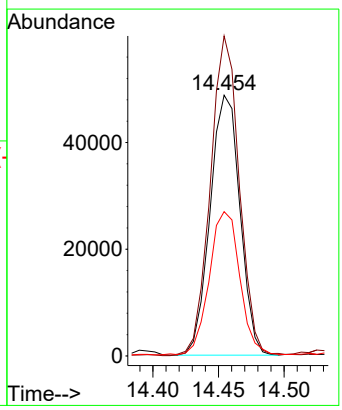


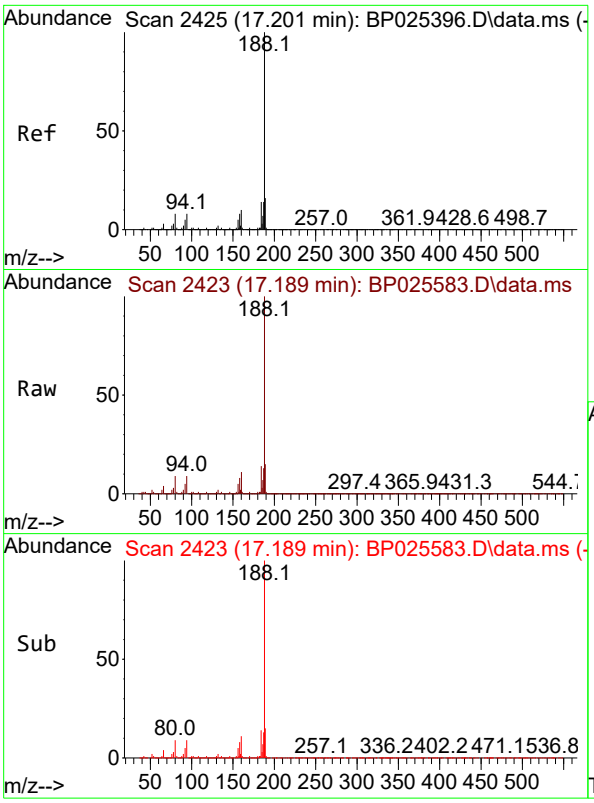


#52
Acenaphthene
Concen: 3.478 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP025583.D
Acq: 26 Aug 2025 13:10

Tgt Ion:154 Resp: 77091

Ion	Ratio	Lower	Upper
154	100		
153	122.7	90.2	135.2
152	55.3	42.1	63.1



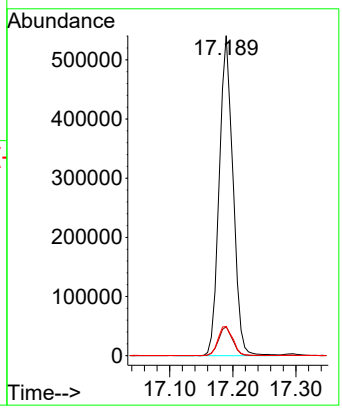


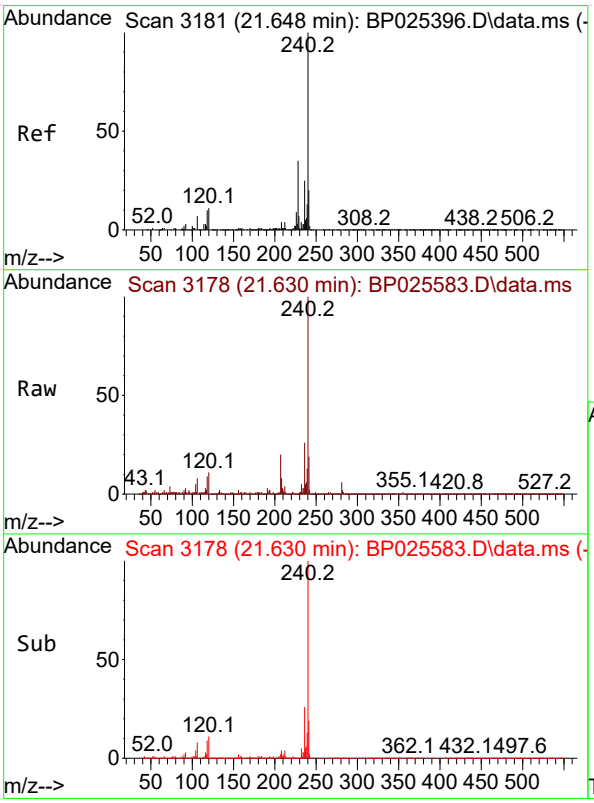
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025583.D
Acq: 26 Aug 2025 13:10

Instrument :
BNA_P
ClientSampleId :
MW-2B-082025DL

Tgt Ion:188 Resp: 820492

Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.6	10.0
80	9.1	6.7	10.1

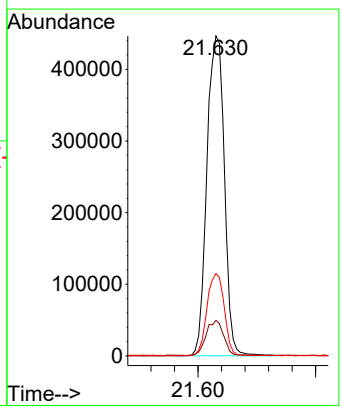


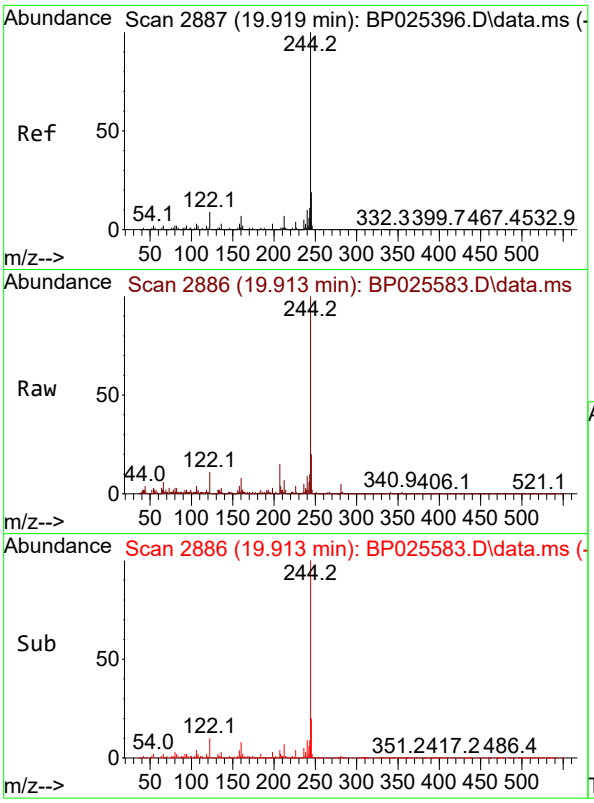


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.017 min
Lab File: BP025583.D
Acq: 26 Aug 2025 13:10

Tgt Ion:240 Resp: 922833

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.9	13.3
236	25.7	19.8	29.8



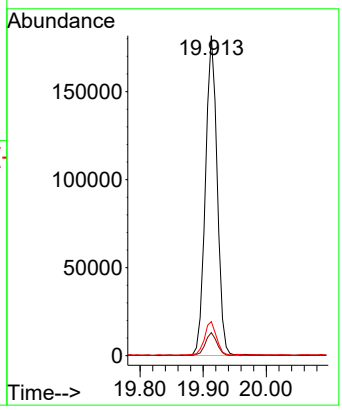


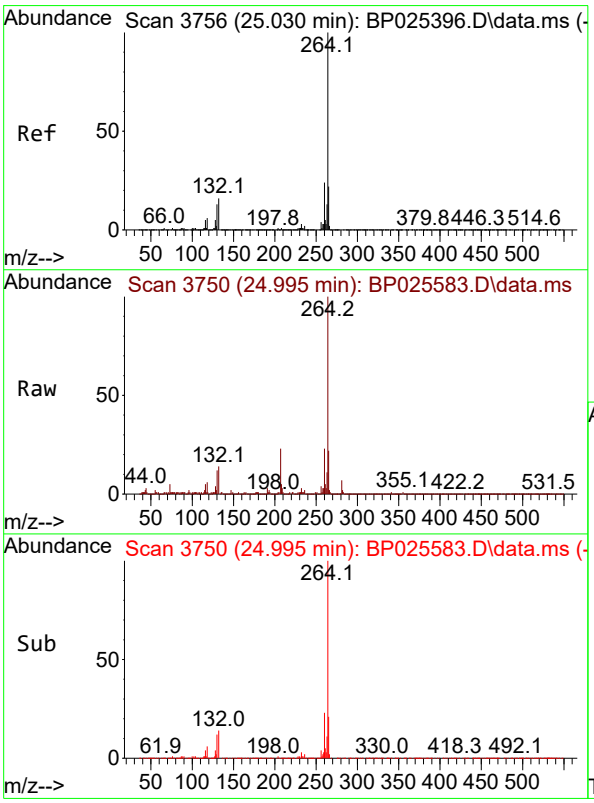
#79
Terphenyl-d14
Concen: 4.658 ng
RT: 19.913 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025583.D
Acq: 26 Aug 2025 13:10

Instrument :
BNA_P
ClientSampleId :
MW-2B-082025DL

Tgt Ion:244 Resp: 234966

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	10.6	7.4	11.2

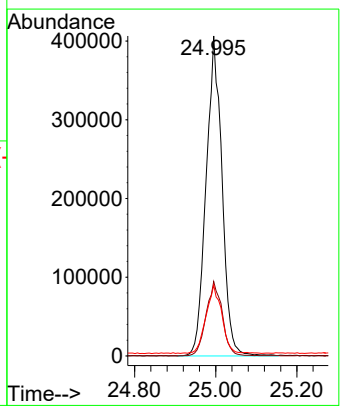




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.995 min Scan# 3750
Delta R.T. -0.035 min
Lab File: BP025583.D
Acq: 26 Aug 2025 13:10

Tgt Ion:264 Resp: 1102540

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.3	28.9
265	22.1	17.4	26.0



Raw Data: **BP025586.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2B-082025DL2	SDG No.:	Q2924
Lab Sample ID:	Q2924-05DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025586.D	40	08/22/25 10:34	08/26/25 15:14	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	420	UD	160	420	ug/L
108-95-2	Phenol	210	UD	37.9	210	ug/L
111-44-4	bis(2-Chloroethyl)ether	210	UD	33.8	210	ug/L
95-57-8	2-Chlorophenol	210	UD	24.2	210	ug/L
95-48-7	2-Methylphenol	210	UD	46.7	210	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	210	UD	53.3	210	ug/L
98-86-2	Acetophenone	210	UD	30.8	210	ug/L
65794-96-9	3+4-Methylphenols	420	UD	45.8	420	ug/L
621-64-7	n-Nitroso-di-n-propylamine	100	UD	58.8	100	ug/L
67-72-1	Hexachloroethane	210	UD	27.1	210	ug/L
98-95-3	Nitrobenzene	210	UD	31.7	210	ug/L
78-59-1	Isophorone	210	UD	31.3	210	ug/L
88-75-5	2-Nitrophenol	210	UD	73.3	210	ug/L
105-67-9	2,4-Dimethylphenol	210	UD	77.1	210	ug/L
111-91-1	bis(2-Chloroethoxy)methane	210	UD	28.3	210	ug/L
120-83-2	2,4-Dichlorophenol	210	UD	21.7	210	ug/L
91-20-3	Naphthalene	1800	D	20.8	210	ug/L
106-47-8	4-Chloroaniline	210	UD	35.0	210	ug/L
87-68-3	Hexachlorobutadiene	210	UD	22.5	210	ug/L
105-60-2	Caprolactam	420	UD	47.1	420	ug/L
59-50-7	4-Chloro-3-methylphenol	210	UD	24.6	210	ug/L
91-57-6	2-Methylnaphthalene	180	JD	23.3	210	ug/L
77-47-4	Hexachlorocyclopentadiene	420	UD	150	420	ug/L
88-06-2	2,4,6-Trichlorophenol	210	UD	21.3	210	ug/L
95-95-4	2,4,5-Trichlorophenol	210	UD	25.8	210	ug/L
92-52-4	1,1-Biphenyl	210	UD	22.1	210	ug/L
91-58-7	2-Chloronaphthalene	210	UD	25.4	210	ug/L
88-74-4	2-Nitroaniline	210	UD	52.5	210	ug/L
131-11-3	Dimethylphthalate	210	UD	25.4	210	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2B-082025DL2	SDG No.:	Q2924
Lab Sample ID:	Q2924-05DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025586.D	40	08/22/25 10:34	08/26/25 15:14	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	210	UD	31.3	210	ug/L
606-20-2	2,6-Dinitrotoluene	210	UD	38.3	210	ug/L
99-09-2	3-Nitroaniline	210	UD	43.8	210	ug/L
83-32-9	Acenaphthene	210	UD	22.9	210	ug/L
51-28-5	2,4-Dinitrophenol	420	UD	250	420	ug/L
100-02-7	4-Nitrophenol	420	UD	99.2	420	ug/L
132-64-9	Dibenzofuran	210	UD	25.4	210	ug/L
121-14-2	2,4-Dinitrotoluene	210	UD	50.8	210	ug/L
84-66-2	Diethylphthalate	210	UD	28.8	210	ug/L
7005-72-3	4-Chlorophenyl-phenylether	210	UD	28.3	210	ug/L
86-73-7	Fluorene	210	UD	26.3	210	ug/L
100-01-6	4-Nitroaniline	210	UD	62.5	210	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	420	UD	120	420	ug/L
86-30-6	n-Nitrosodiphenylamine	210	UD	24.2	210	ug/L
101-55-3	4-Bromophenyl-phenylether	210	UD	16.7	210	ug/L
118-74-1	Hexachlorobenzene	210	UD	21.7	210	ug/L
1912-24-9	Atrazine	210	UD	42.1	210	ug/L
87-86-5	Pentachlorophenol	420	UD	65.8	420	ug/L
85-01-8	Phenanthrene	210	UD	20.8	210	ug/L
120-12-7	Anthracene	210	UD	25.4	210	ug/L
86-74-8	Carbazole	210	UD	30.0	210	ug/L
84-74-2	Di-n-butylphthalate	210	UD	50.8	210	ug/L
206-44-0	Fluoranthene	210	UD	34.2	210	ug/L
129-00-0	Pyrene	210	UD	20.8	210	ug/L
85-68-7	Butylbenzylphthalate	210	UD	80.4	210	ug/L
91-94-1	3,3-Dichlorobenzidine	420	UD	38.8	420	ug/L
56-55-3	Benzo(a)anthracene	210	UD	18.8	210	ug/L
218-01-9	Chrysene	210	UD	18.3	210	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	210	UD	66.7	210	ug/L
117-84-0	Di-n-octyl phthalate	420	UD	97.5	420	ug/L
205-99-2	Benzo(b)fluoranthene	210	UD	20.4	210	ug/L

Raw Data: **BP025586.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2B-082025DL2	SDG No.:	Q2924
Lab Sample ID:	Q2924-05DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025586.D	40	08/22/25 10:34	08/26/25 15:14	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	210	UD	20.0	210	ug/L
50-32-8	Benzo(a)pyrene	210	UD	22.9	210	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	210	UD	24.6	210	ug/L
53-70-3	Dibenzo(a,h)anthracene	210	UD	27.9	210	ug/L
191-24-2	Benzo(g,h,i)perylene	210	UD	28.8	210	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	210	UD	21.7	210	ug/L
123-91-1	1,4-Dioxane	210	UD	41.7	210	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	210	UD	30.0	210	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	79.8		23 - 138	53%	SPK: 150
13127-88-3	Phenol-d6	48.0		10 - 134	32%	SPK: 150
4165-60-0	Nitrobenzene-d5	80.4		67 - 132	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.2		52 - 132	91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	139		44 - 137	93%	SPK: 150
1718-51-0	Terphenyl-d14	101		42 - 152	101%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	173000	7.778			
1146-65-2	Naphthalene-d8	701000	10.543			
15067-26-2	Acenaphthene-d10	444000	14.389			
1517-22-2	Phenanthrene-d10	857000	17.189			
1719-03-5	Chrysene-d12	880000	21.63			
1520-96-3	Perylene-d12	1060000	24.989			

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\BP082625\
Data File : BP025586.D
Acq On : 26 Aug 2025 15:14
Operator : CG/JU
Sample : Q2924-05DL2 40X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2B-082025DL2

Quant Time: Aug 26 15:56:16 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

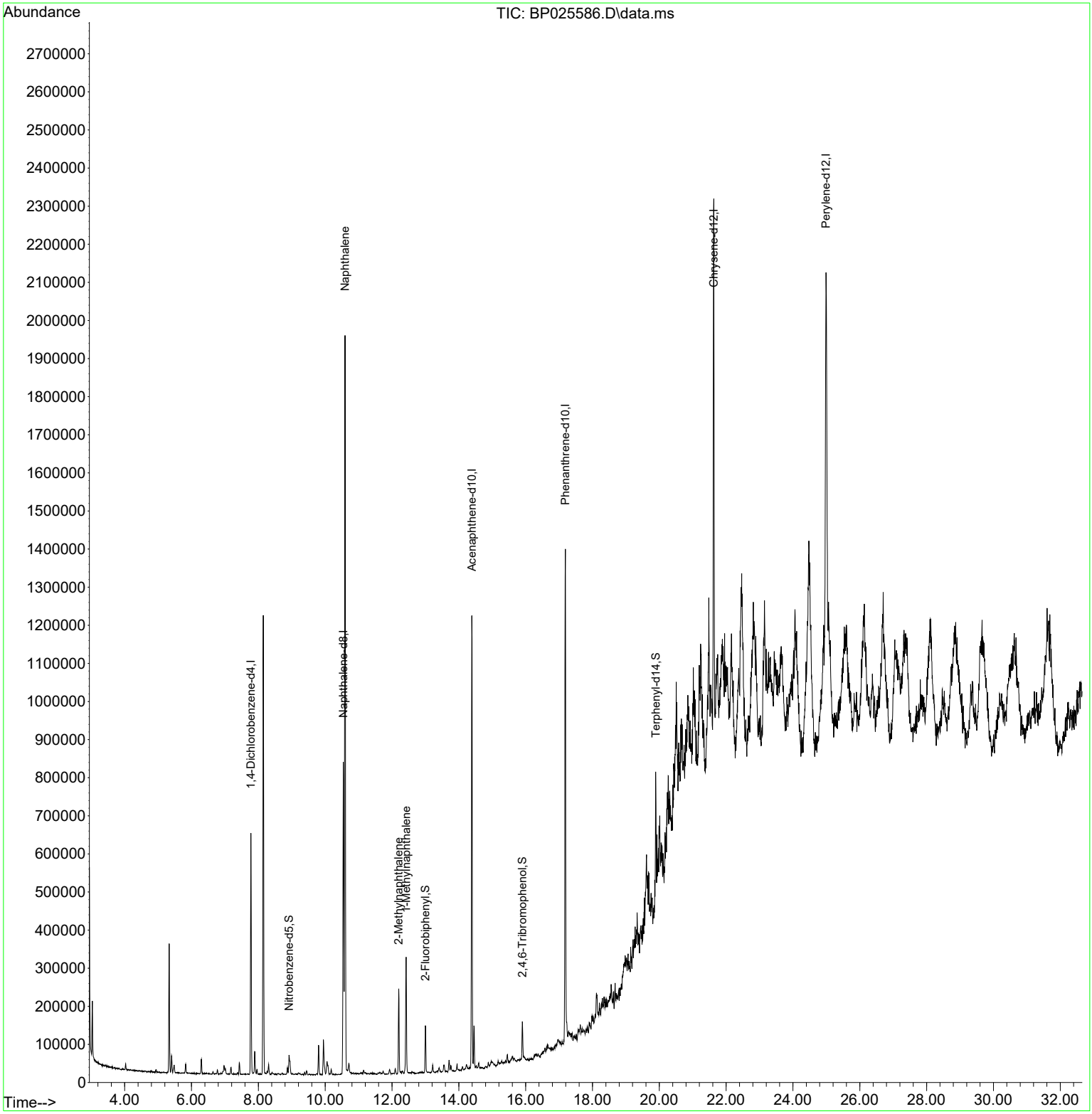
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	173400	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	700981	20.000	ng	-0.02
39) Acenaphthene-d10	14.389	164	444336	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	857309	20.000	ng	-0.01
76) Chrysene-d12	21.630	240	880360	20.000	ng	-0.02
86) Perylene-d12	24.989	264	1060519	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	20820	1.994	ng	0.00
7) Phenol-d6	6.972	99	16055	1.199	ng	0.00
23) Nitrobenzene-d5	8.919	82	27867	2.011	ng	-0.02
42) 2,4,6-Tribromophenol	15.901	330	20755	3.470	ng	-0.01
45) 2-Fluorobiphenyl	13.001	172	74136	2.280	ng	-0.02
79) Terphenyl-d14	19.895	244	121231	2.519	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	10.595	128	1608193	44.140	ng	99
37) 2-Methylnaphthalene	12.201	142	101572	4.284	ng	99
38) 1-Methylnaphthalene	12.425	142	155560	6.169	ng	99

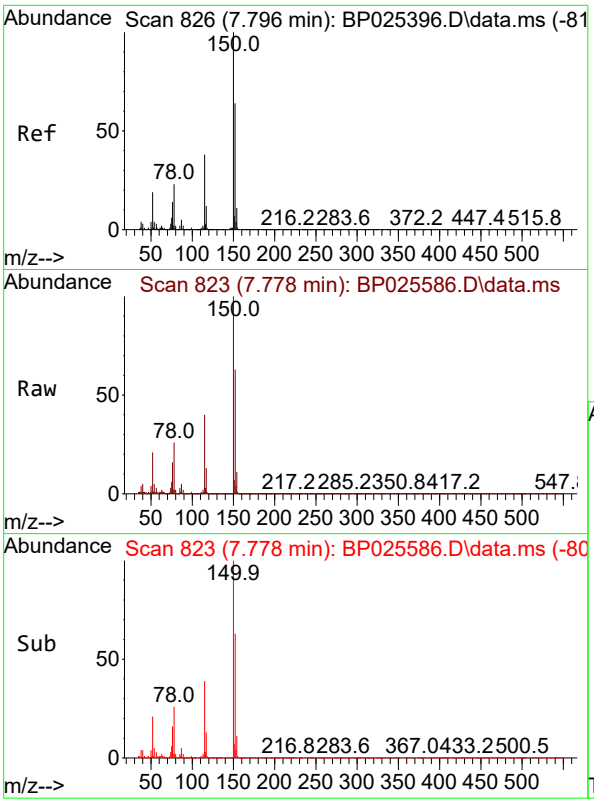
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025586.D
Acq On : 26 Aug 2025 15:14
Operator : CG/JU
Sample : Q2924-05DL2 40X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2B-082025DL2

Quant Time: Aug 26 15:56:16 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



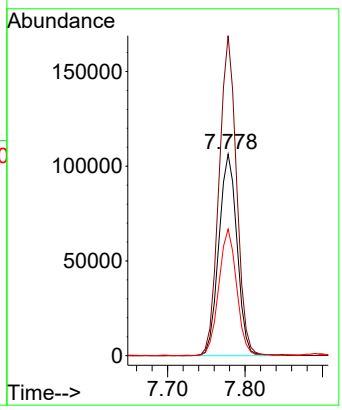


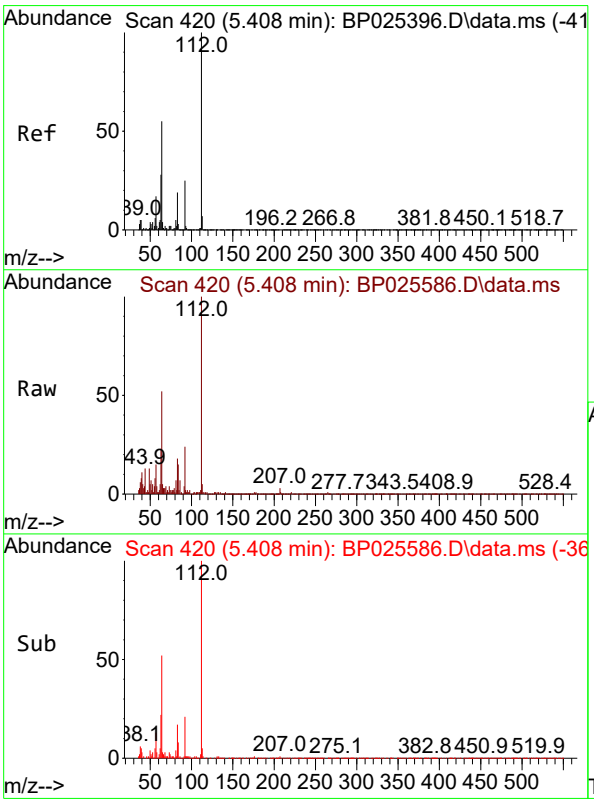
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

Instrument :
BNA_P
ClientSampleId :
MW-2B-082025DL2

Tgt Ion:152 Resp: 173400

Ion	Ratio	Lower	Upper
152	100		
150	158.7	125.9	188.9
115	62.7	48.5	72.7

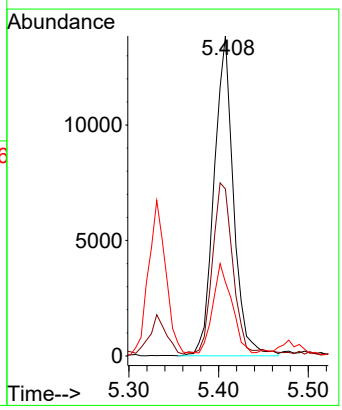


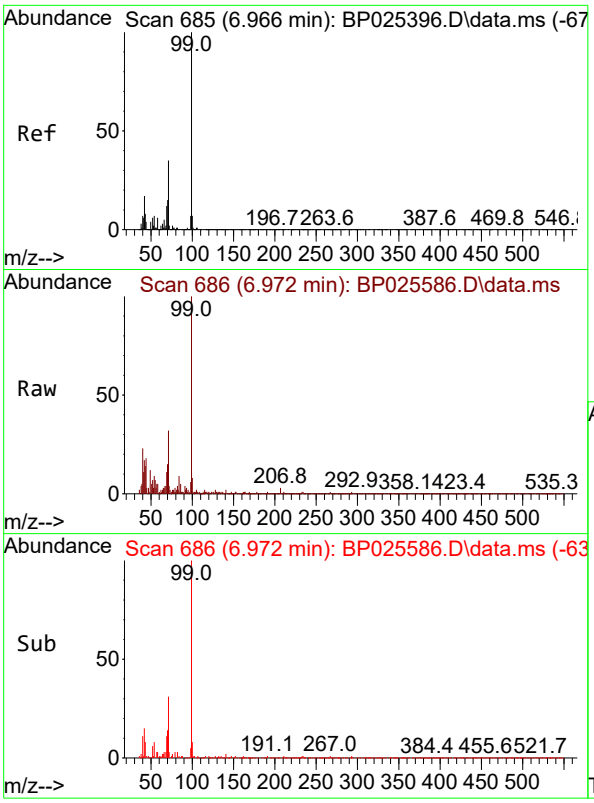


#5
2-Fluorophenol
Concen: 1.994 ng
RT: 5.408 min Scan# 420
Delta R.T. -0.000 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

Tgt Ion:112 Resp: 20820

Ion	Ratio	Lower	Upper
112	100		
64	52.2	43.8	65.8
63	23.0	22.7	34.1



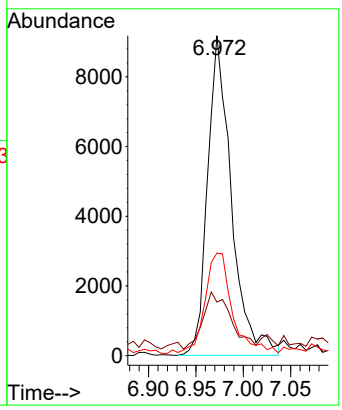


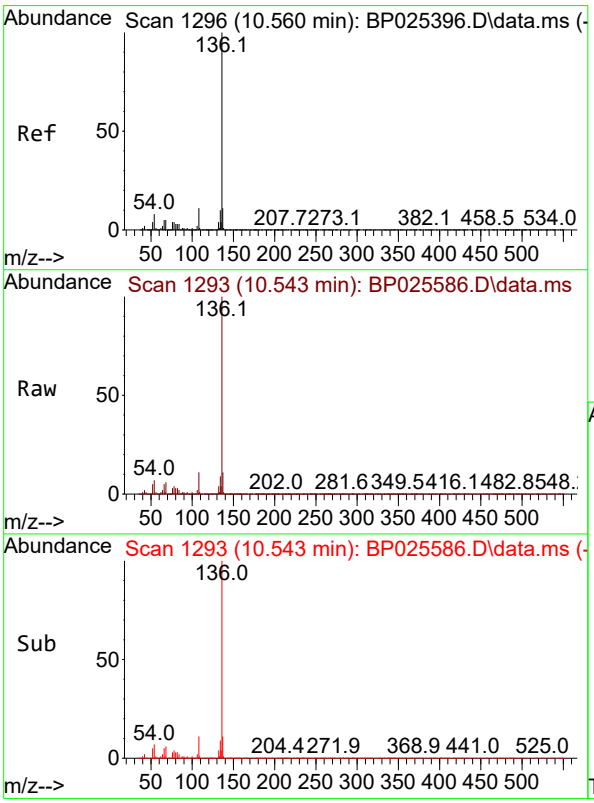
#7
Phenol-d6
Concen: 1.199 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

Instrument :
BNA_P
ClientSampleId :
MW-2B-082025DL2

Tgt Ion: 99 Resp: 16055

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.7	20.5
71	32.0	28.2	42.4

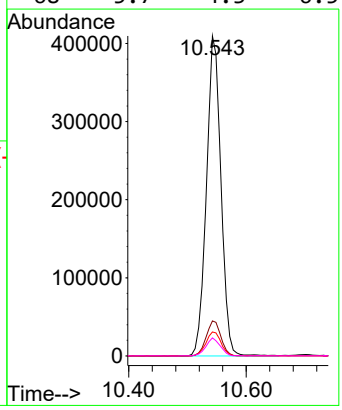


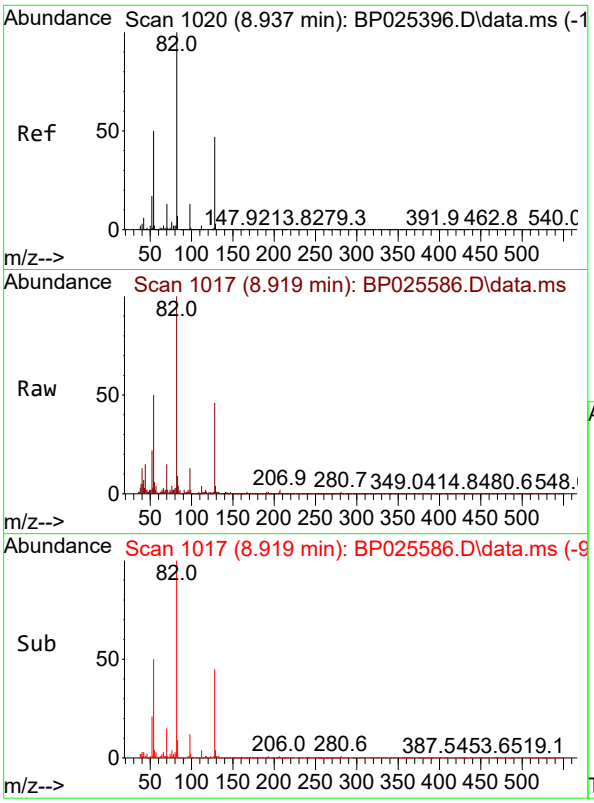


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

Tgt Ion:136 Resp: 700981

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.5	6.0	9.0
68	5.7	4.3	6.5



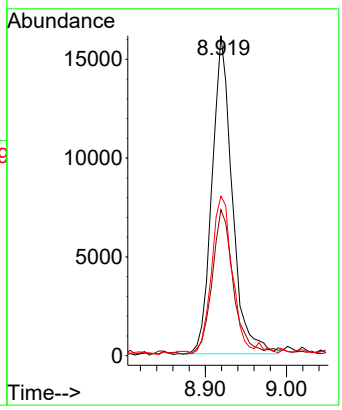


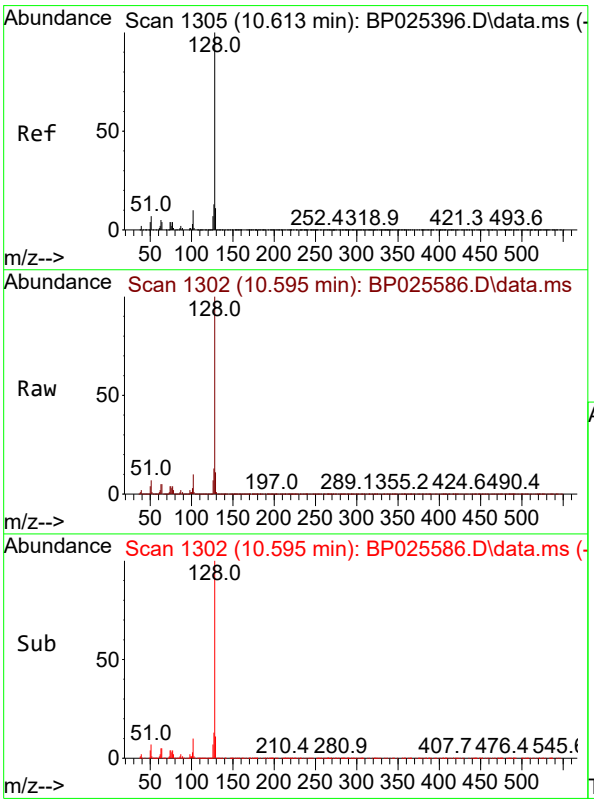
#23
Nitrobenzene-d5
Concen: 2.011 ng
RT: 8.919 min Scan# 1(
Delta R.T. -0.018 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

Instrument :
BNA_P
ClientSampleId :
MW-2B-082025DL2

Tgt Ion: 82 Resp: 27867

Ion	Ratio	Lower	Upper
82	100		
128	45.6	37.7	56.5
54	49.9	39.8	59.6

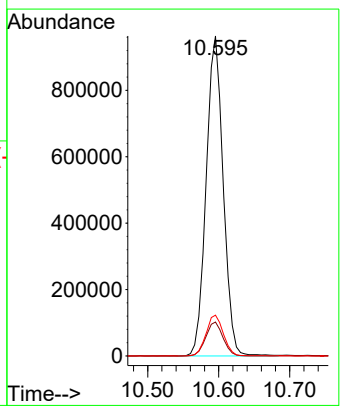


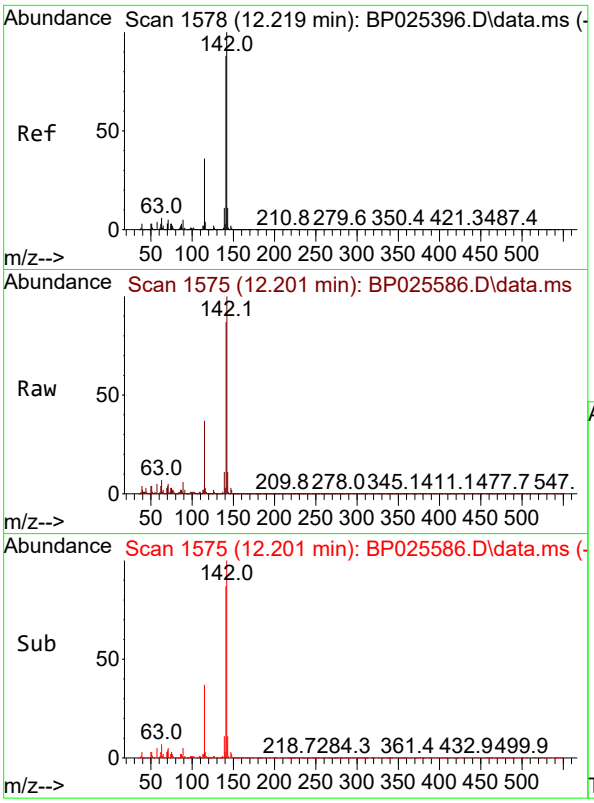


#31
Naphthalene
Concen: 44.140 ng
RT: 10.595 min Scan# 1302
Delta R.T. -0.018 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

Tgt Ion:128 Resp: 1608193

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	13.0
127	12.7	10.7	16.1



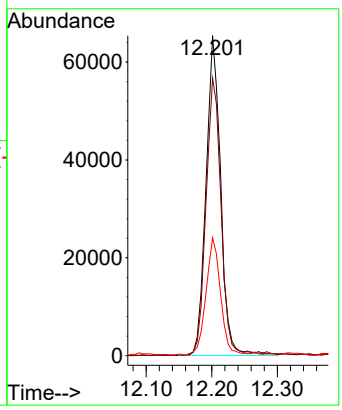


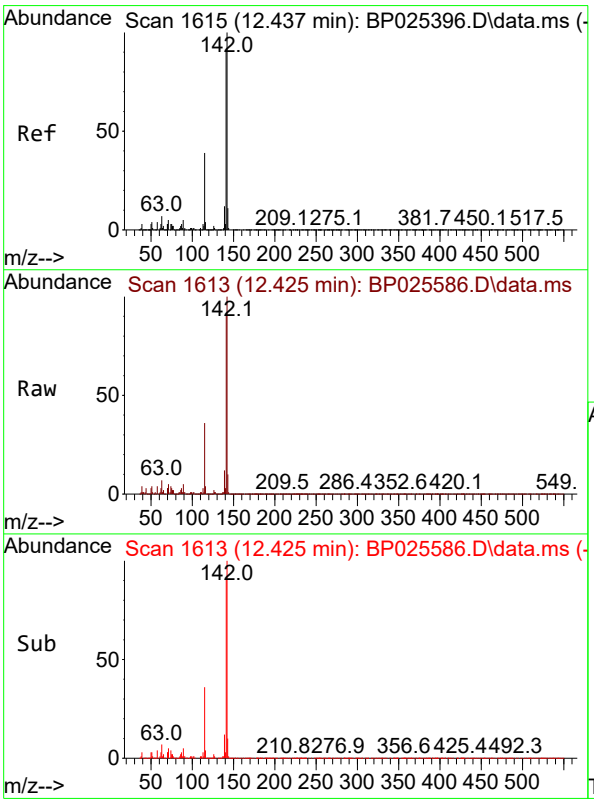
#37
2-Methylnaphthalene
Concen: 4.284 ng
RT: 12.201 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

Instrument :
BNA_P
ClientSampleId :
MW-2B-082025DL2

Tgt Ion:142 Resp: 101572

Ion	Ratio	Lower	Upper
142	100		
141	86.7	70.3	105.5
115	36.9	28.9	43.3

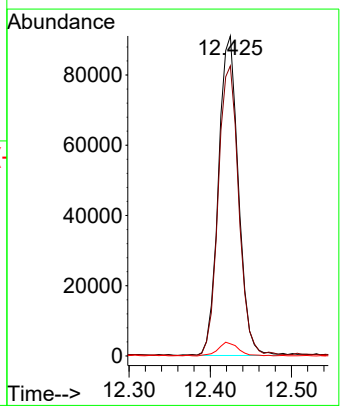


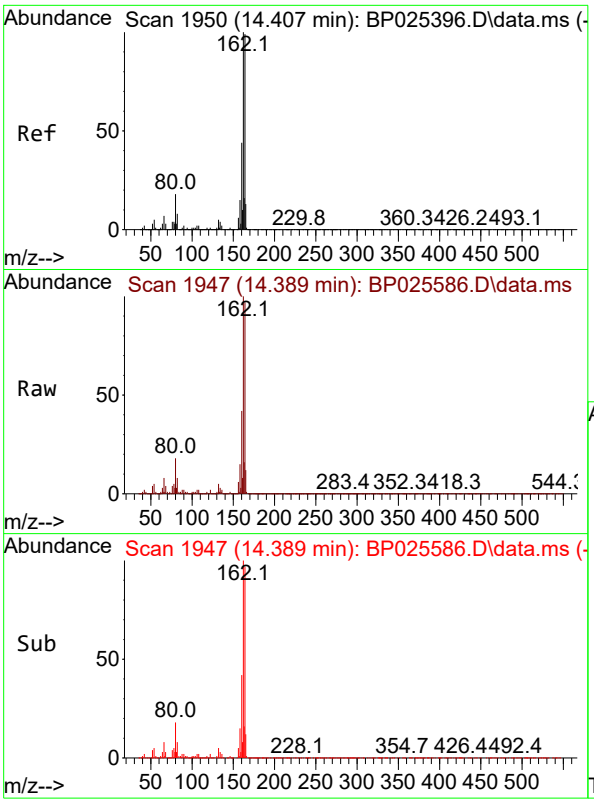


#38
1-Methylnaphthalene
Concen: 6.169 ng
RT: 12.425 min Scan# 1613
Delta R.T. -0.012 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

Tgt Ion:142 Resp: 155560

Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.1	109.7
116	3.8	3.2	4.8



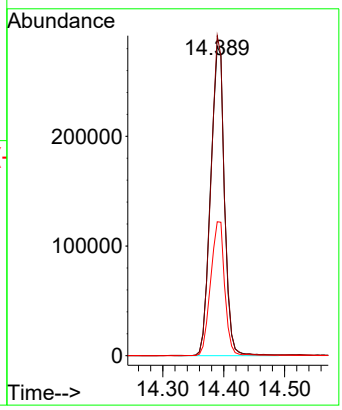


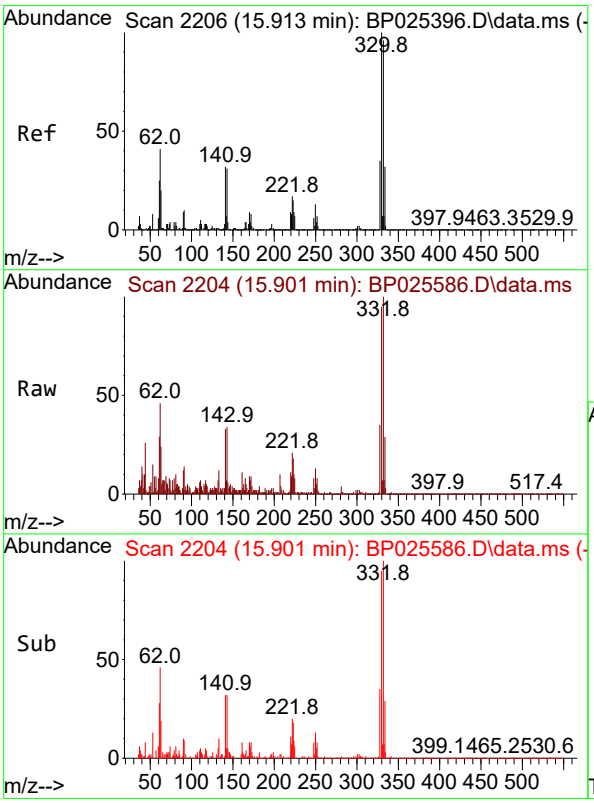
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

Instrument :
BNA_P
ClientSampleId :
MW-2B-082025DL2

Tgt Ion:164 Resp: 444336

Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.0	121.6
160	43.2	35.4	53.2

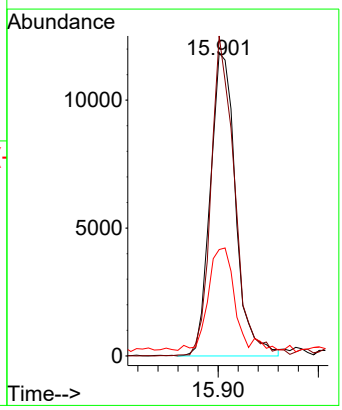


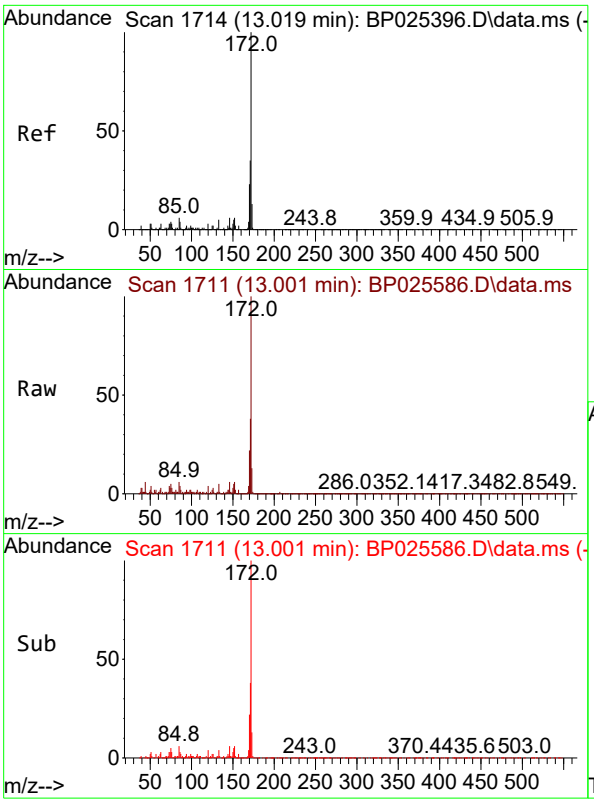


#42
2,4,6-Tribromophenol
Concen: 3.470 ng
RT: 15.901 min Scan# 2204
Delta R.T. -0.012 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

Tgt Ion:330 Resp: 20755

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.3	115.9
141	35.7	26.6	39.8



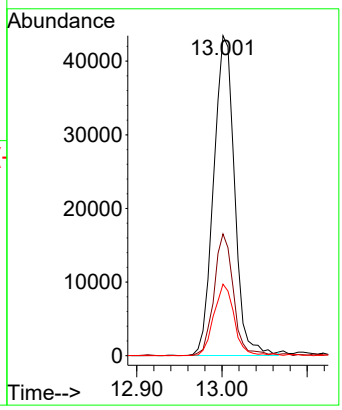


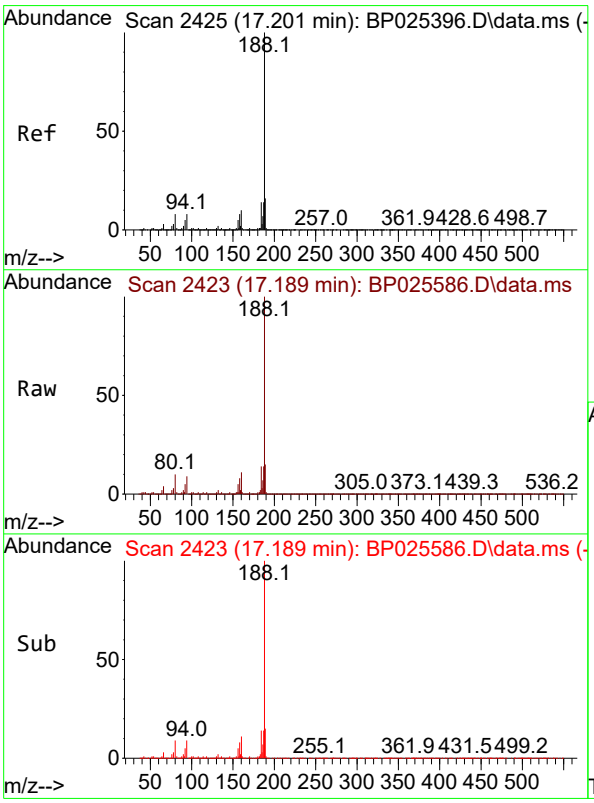
#45
2-Fluorobiphenyl
Concen: 2.280 ng
RT: 13.001 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

Instrument :
BNA_P
ClientSampleId :
MW-2B-082025DL2

Tgt Ion:172 Resp: 74136

Ion	Ratio	Lower	Upper
172	100		
171	38.0	28.1	42.1
170	22.4	18.6	28.0

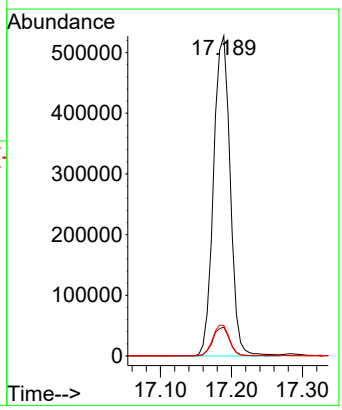


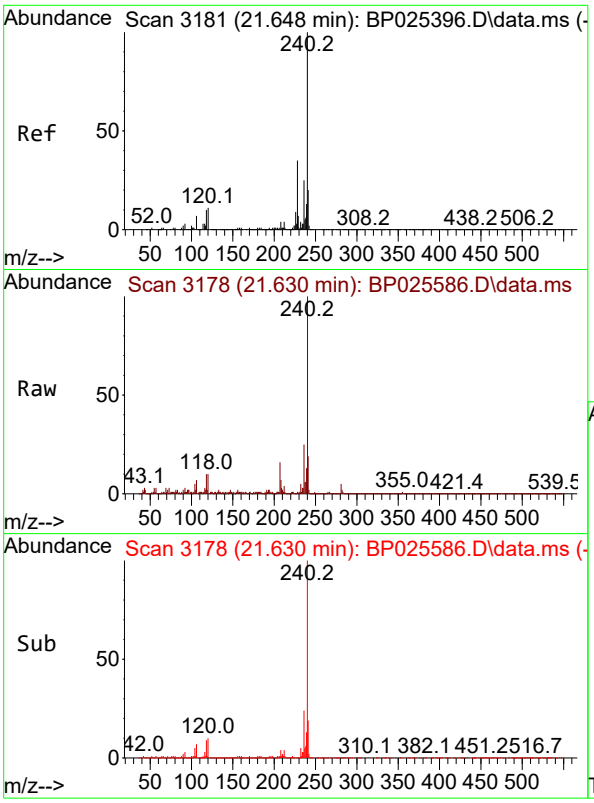


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

Tgt Ion:188 Resp: 857309

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.6	10.0
80	9.5	6.7	10.1



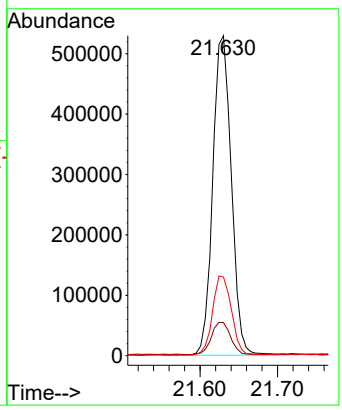


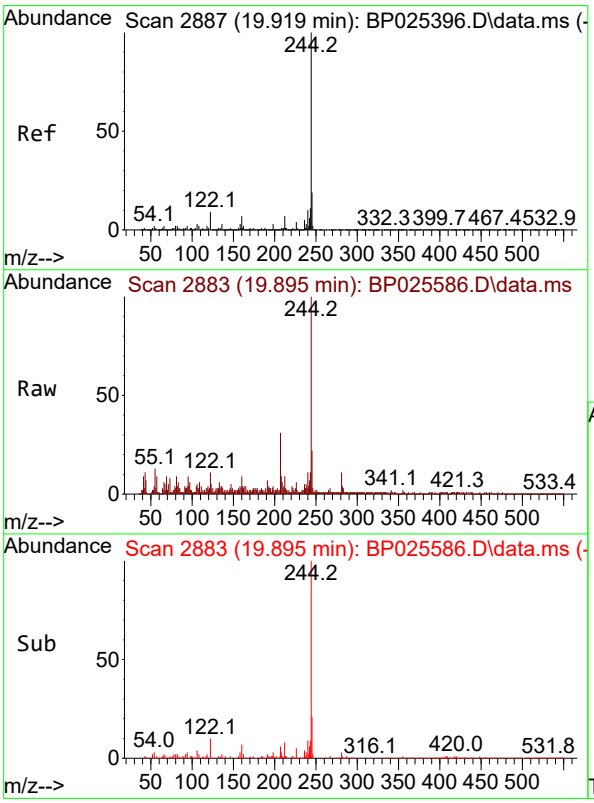
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

Instrument :
BNA_P
ClientSampleId :
MW-2B-082025DL2

Tgt Ion:240 Resp: 880360

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.9	13.3
236	24.6	19.8	29.8

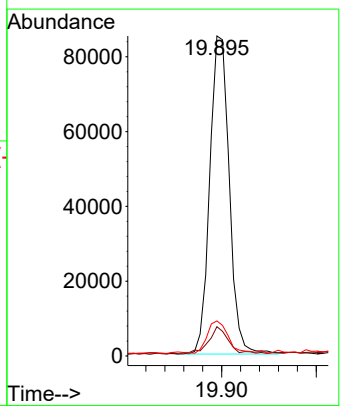


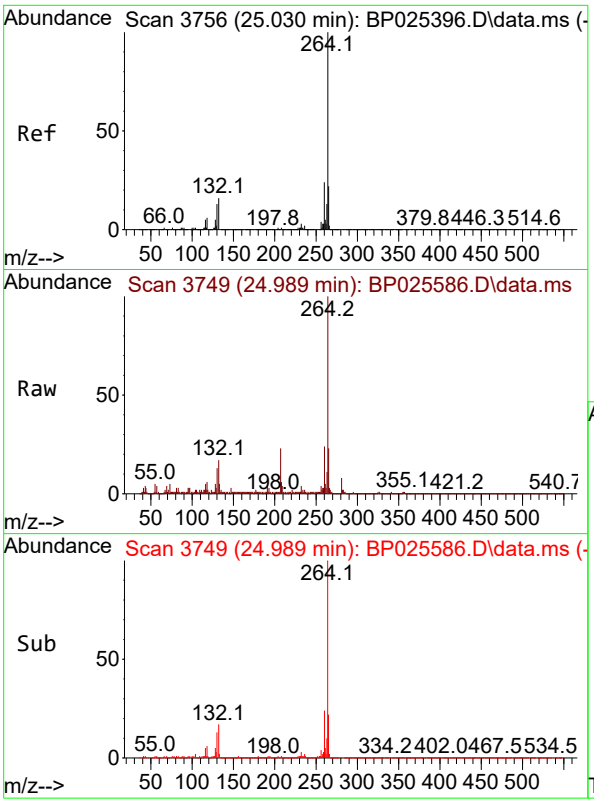


#79
Terphenyl-d14
Concen: 2.519 ng
RT: 19.895 min Scan# 2883
Delta R.T. -0.024 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

Tgt Ion:244 Resp: 121231

Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.8	8.6#
122	11.0	7.4	11.2



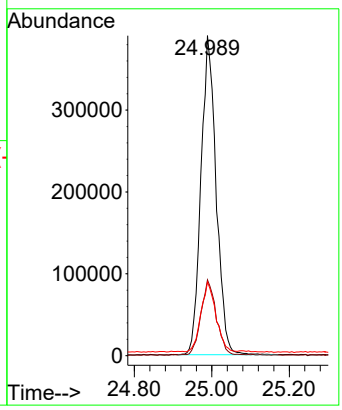


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.989 min Scan# 3
Delta R.T. -0.041 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

Instrument :
BNA_P
ClientSampleId :
MW-2B-082025DL2

Tgt Ion:264 Resp: 1060519

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	23.1	17.4	26.0



Raw Data: **BP025590.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-06	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025590.D	1	08/22/25 10:34	08/26/25 17:59	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.0	U	3.90	10.0	ug/L
108-95-2	Phenol	5.00	U	0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.00	U	0.81	5.00	ug/L
95-57-8	2-Chlorophenol	5.00	U	0.58	5.00	ug/L
95-48-7	2-Methylphenol	5.00	U	1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.00	U	1.30	5.00	ug/L
98-86-2	Acetophenone	5.00	U	0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	10.0	U	1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	5.00	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	5.00	U	0.76	5.00	ug/L
78-59-1	Isophorone	5.00	U	0.75	5.00	ug/L
88-75-5	2-Nitrophenol	5.00	U	1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	5.00	U	1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.00	U	0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	5.00	U	0.52	5.00	ug/L
91-20-3	Naphthalene	5.00	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	5.00	U	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	5.00	U	0.54	5.00	ug/L
105-60-2	Caprolactam	10.0	U	1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	5.00	U	0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	5.00	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	10.0	U	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.00	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	5.00	U	0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	5.00	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	5.00	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	5.00	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	5.00	U	0.61	5.00	ug/L

Raw Data: **BP025590.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-06	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025590.D	1	08/22/25 10:34	08/26/25 17:59	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.00	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	5.00	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	5.00	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	5.00	U	0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	10.0	U	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	10.0	U	2.40	10.0	ug/L
132-64-9	Dibenzofuran	5.00	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	5.00	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	5.00	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.00	U	0.68	5.00	ug/L
86-73-7	Fluorene	5.00	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	5.00	U	1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.0	U	2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	5.00	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	5.00	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	5.00	U	0.52	5.00	ug/L
1912-24-9	Atrazine	5.00	U	1.00	5.00	ug/L
87-86-5	Pentachlorophenol	10.0	U	1.60	10.0	ug/L
85-01-8	Phenanthrene	5.00	U	0.50	5.00	ug/L
120-12-7	Anthracene	5.00	U	0.61	5.00	ug/L
86-74-8	Carbazole	5.00	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	5.00	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	5.00	U	0.82	5.00	ug/L
129-00-0	Pyrene	5.00	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	5.00	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	10.0	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	5.00	U	0.45	5.00	ug/L
218-01-9	Chrysene	5.00	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.00	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	10.0	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	5.00	U	0.49	5.00	ug/L

Raw Data: **BP025590.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-06	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025590.D	1	08/22/25 10:34	08/26/25 17:59	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.00	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	5.00	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.00	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.00	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	5.00	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.00	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	5.00	U	1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.00	U	0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	64.6		23 - 138	43%	SPK: 150
13127-88-3	Phenol-d6	39.1		10 - 134	26%	SPK: 150
4165-60-0	Nitrobenzene-d5	83.4		67 - 132	83%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.0		52 - 132	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	141		44 - 137	94%	SPK: 150
1718-51-0	Terphenyl-d14	77.0		42 - 152	77%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	209000	7.778			
1146-65-2	Naphthalene-d8	834000	10.543			
15067-26-2	Acenaphthene-d10	541000	14.384			
1517-22-2	Phenanthrene-d10	1090000	17.19			
1719-03-5	Chrysene-d12	1130000	21.642			
1520-96-3	Perylene-d12	1290000	25.001			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	96.5	J		3.04	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.90	AB		4.94	ug/L
001638-16-0	2-Propanol, 1,1-[(1-methyl-1,2-et	4.20	J		11.1	ug/L
000106-62-7	1-Propanol, 2-(2-hydroxypropoxy)-	3.70	J		11.1	ug/L
054966-46-0	Butanoic acid, 4-(2-methoxy-1-meth	2.70	J		11.3	ug/L
	unknown12.196	17.6	J		12.2	ug/L
004455-26-9	1-Octanamine, N-methyl-N-octyl-	2.90	J		16.4	ug/L

Raw Data: **BP025590.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-06	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025590.D	1	08/22/25 10:34	08/26/25 17:59	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
004606-07-9	Ethyl cyclopropanecarboxylate	17.2	J		16.7	ug/L
019437-26-4	di-2-Pyridyl ketone	5.00	J		17.9	ug/L
000057-10-3	n-Hexadecanoic acid	4.30	J		18.1	ug/L
	unknown19.683	4.80	J		19.7	ug/L

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\BP082625\
Data File : BP025590.D
Acq On : 26 Aug 2025 17:59
Operator : CG/JU
Sample : Q2924-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2A-082025

Quant Time: Aug 26 18:22:06 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	209304	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	834432	20.000	ng	-0.02
39) Acenaphthene-d10	14.384	164	540709	20.000	ng	-0.02
64) Phenanthrene-d10	17.190	188	1091596	20.000	ng	-0.01
76) Chrysene-d12	21.642	240	1128817	20.000	ng	0.00
86) Perylene-d12	25.001	264	1291268	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	814381	64.616	ng	0.00
7) Phenol-d6	6.967	99	631287	39.068	ng	0.00
23) Nitrobenzene-d5	8.919	82	1375067	83.360	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	1025813	140.947	ng	0.00
45) 2-Fluorobiphenyl	13.002	172	3085021	77.976	ng	-0.02
79) Terphenyl-d14	19.907	244	4749921	76.986	ng	-0.01
Target Compounds						Qvalue

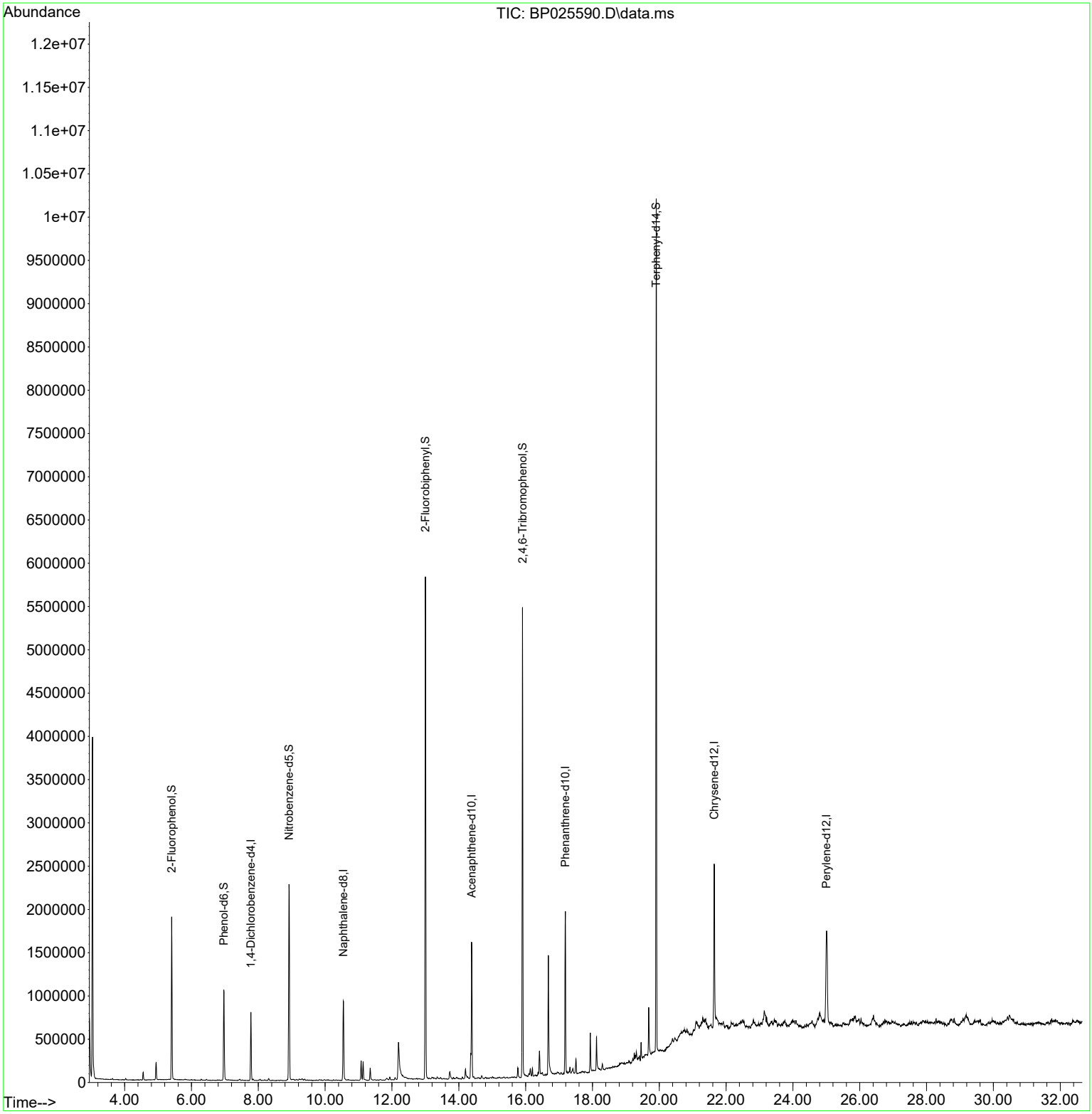
(#) = qualifier out of range (m) = manual integration (+) = signals summed

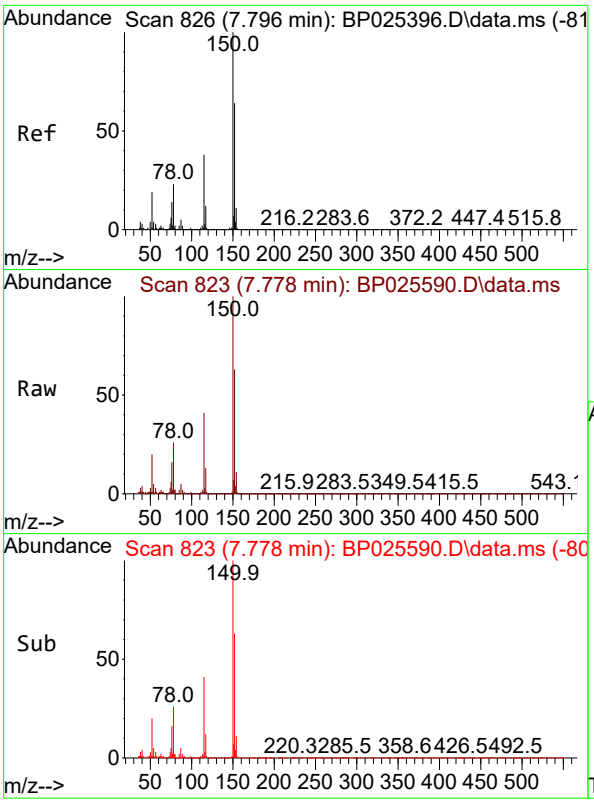
Sample Results: **BP025590.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025590.D
Acq On : 26 Aug 2025 17:59
Operator : CG/JU
Sample : Q2924-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2A-082025

Quant Time: Aug 26 18:22:06 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



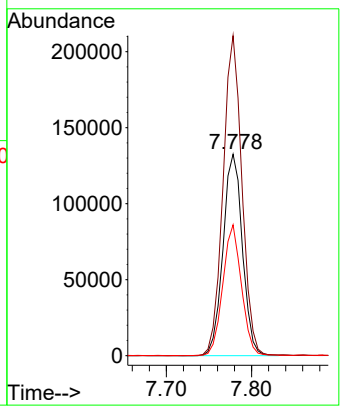


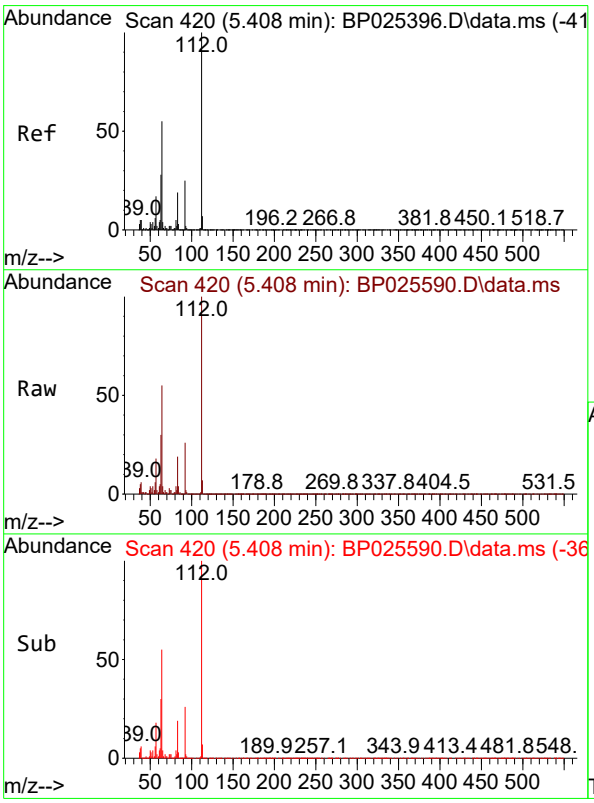
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025590.D
Acq: 26 Aug 2025 17:59

Instrument :
BNA_P
ClientSampleId :
MW-2A-082025

Tgt Ion:152 Resp: 209304

Ion	Ratio	Lower	Upper
152	100		
150	158.9	125.9	188.9
115	65.0	48.5	72.7

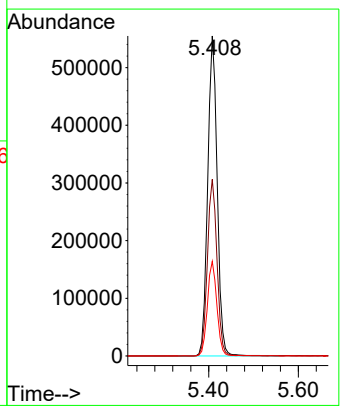


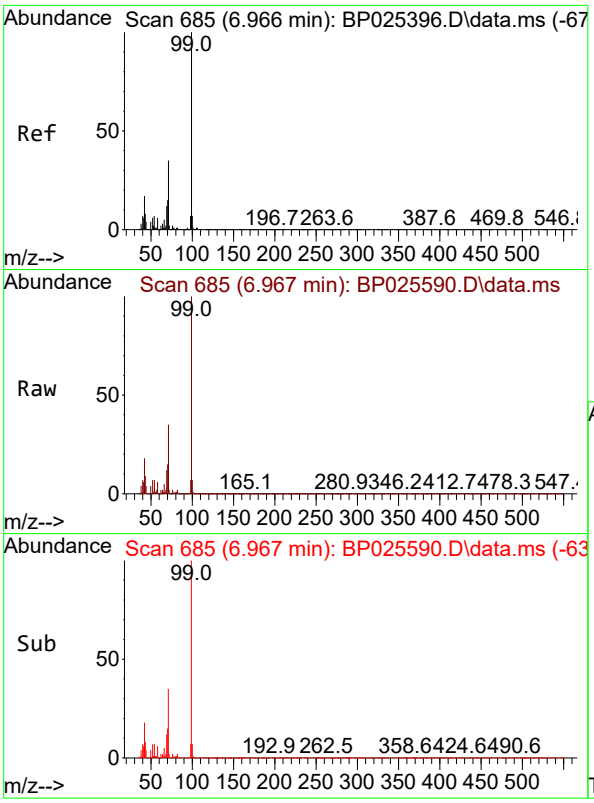


#5
2-Fluorophenol
Concen: 64.616 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025590.D
Acq: 26 Aug 2025 17:59

Tgt Ion:112 Resp: 814381

Ion	Ratio	Lower	Upper
112	100		
64	55.2	43.8	65.8
63	29.6	22.7	34.1



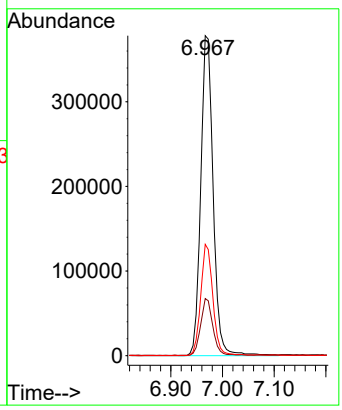


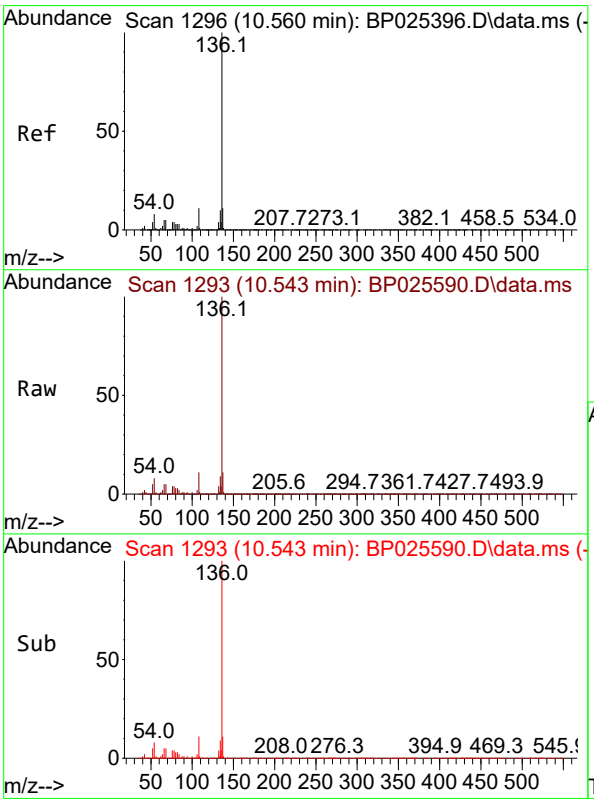
#7
Phenol-d6
Concen: 39.068 ng
RT: 6.967 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025590.D
Acq: 26 Aug 2025 17:59

Instrument :
BNA_P
ClientSampleId :
MW-2A-082025

Tgt Ion: 99 Resp: 631287

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.7	20.5
71	34.8	28.2	42.4

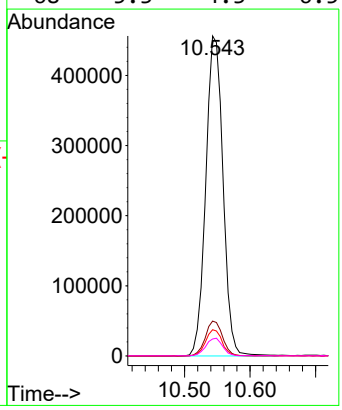


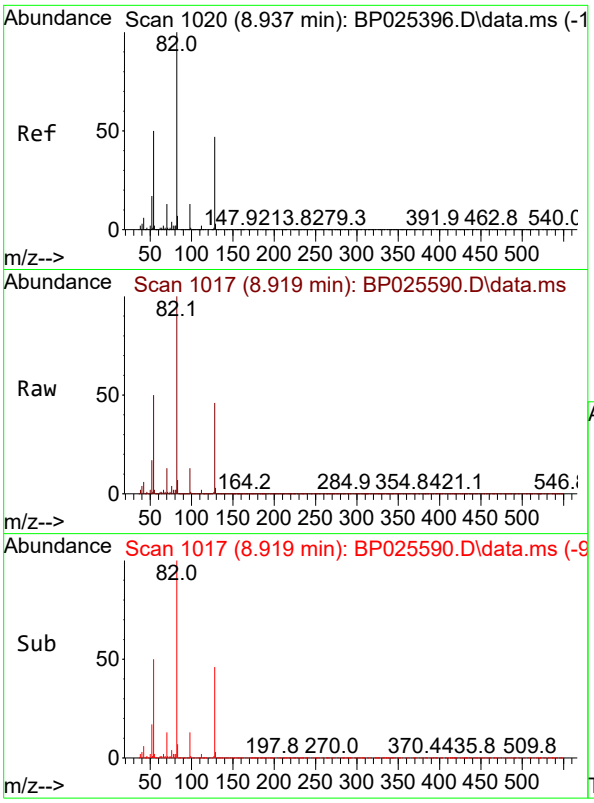


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.017 min
Lab File: BP025590.D
Acq: 26 Aug 2025 17:59

Tgt Ion:136 Resp: 834432

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	8.2	6.0	9.0
68	5.3	4.3	6.5



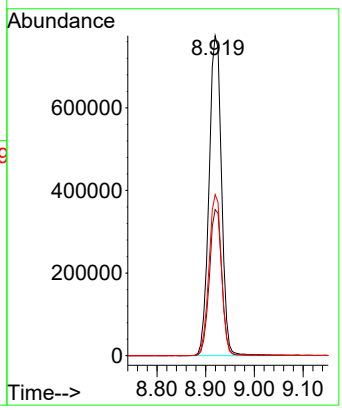


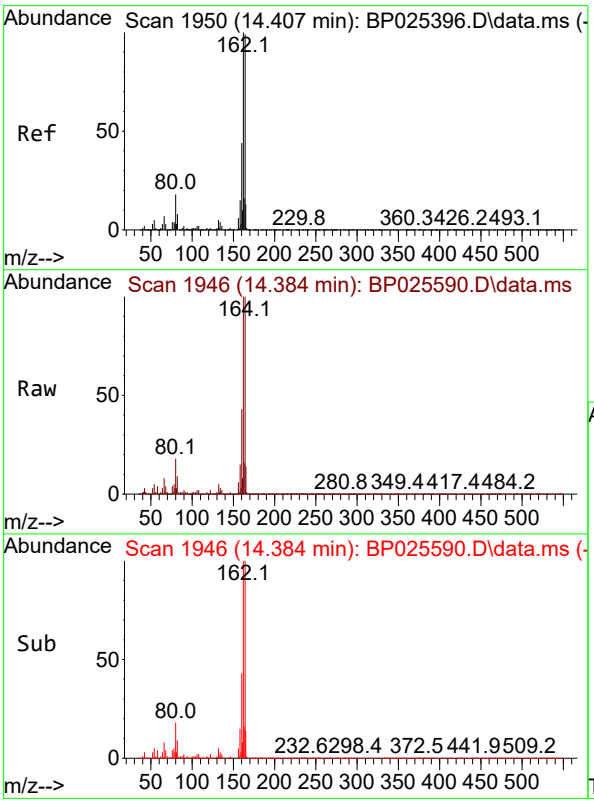
#23
Nitrobenzene-d5
Concen: 83.360 ng
RT: 8.919 min Scan# 1(
Delta R.T. -0.017 min
Lab File: BP025590.D
Acq: 26 Aug 2025 17:59

Instrument :
BNA_P
ClientSampleId :
MW-2A-082025

Tgt Ion: 82 Resp: 1375067

Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.7	56.5
54	50.3	39.8	59.6

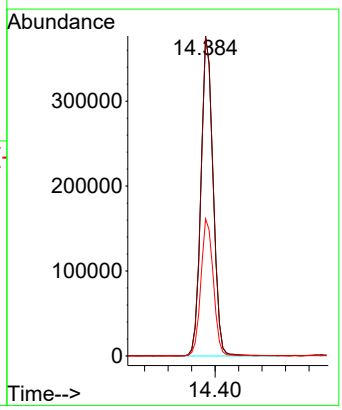


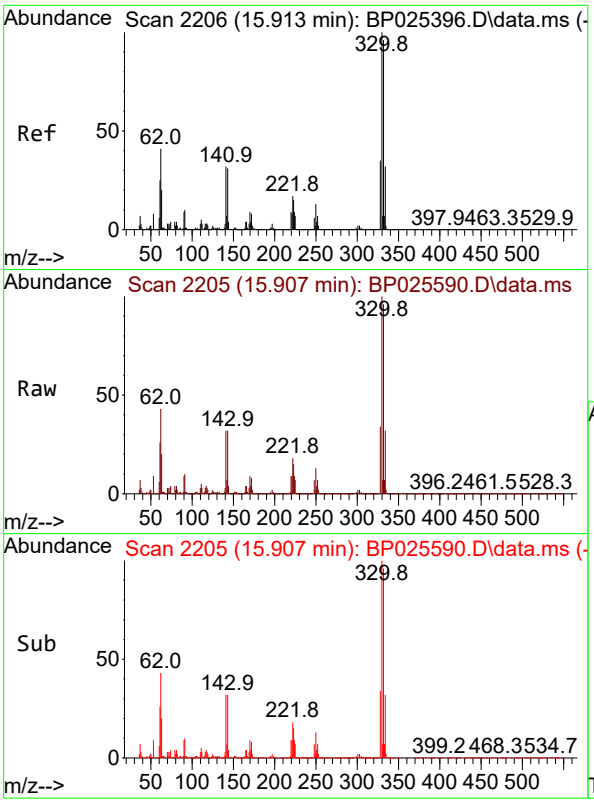


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.384 min Scan# 1946
Delta R.T. -0.023 min
Lab File: BP025590.D
Acq: 26 Aug 2025 17:59

Tgt Ion:164 Resp: 540709

Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.0	121.6
160	42.9	35.4	53.2



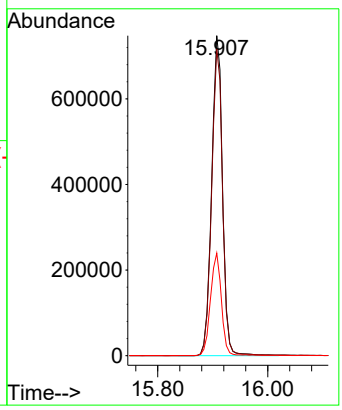


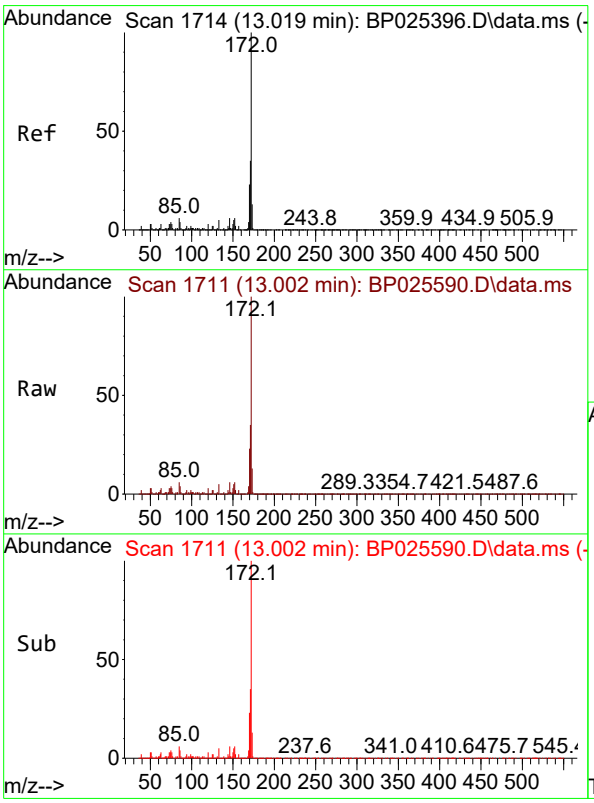
#42
2,4,6-Tribromophenol
Concen: 140.947 ng
RT: 15.907 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025590.D
Acq: 26 Aug 2025 17:59

Instrument :
BNA_P
ClientSampleId :
MW-2A-082025

Tgt Ion:330 Resp: 1025813

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	32.2	26.6	39.8

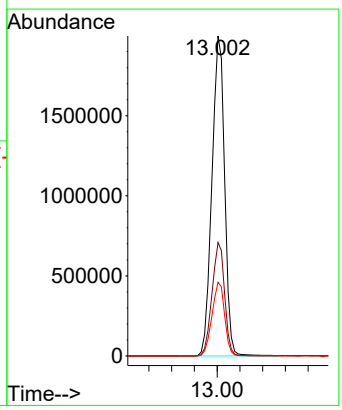


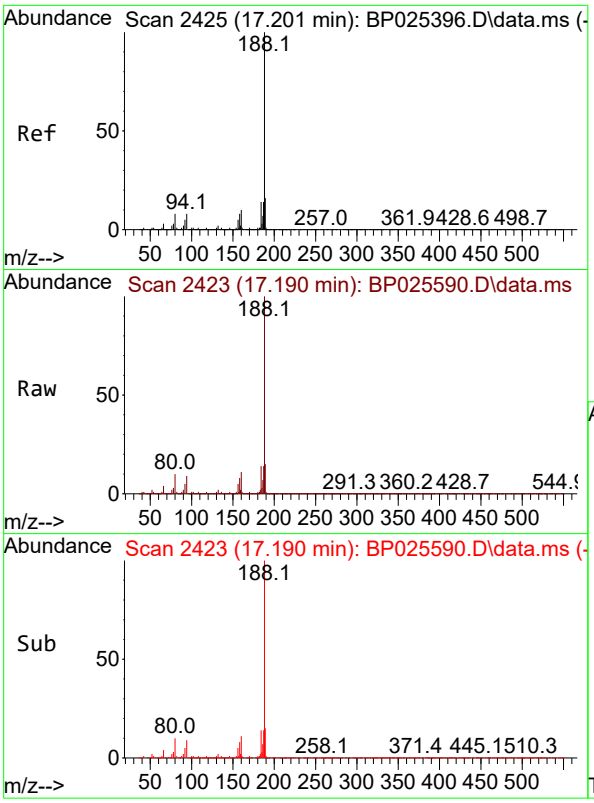


#45
2-Fluorobiphenyl
Concen: 77.976 ng
RT: 13.002 min Scan# 1711
Delta R.T. -0.017 min
Lab File: BP025590.D
Acq: 26 Aug 2025 17:59

Tgt Ion:172 Resp: 3085021

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.1	42.1
170	23.1	18.6	28.0



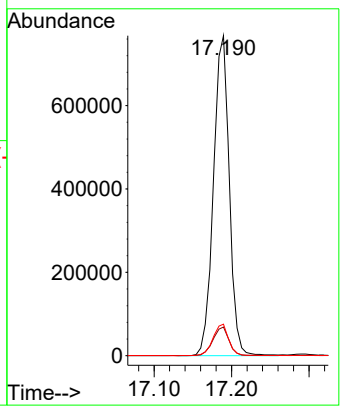


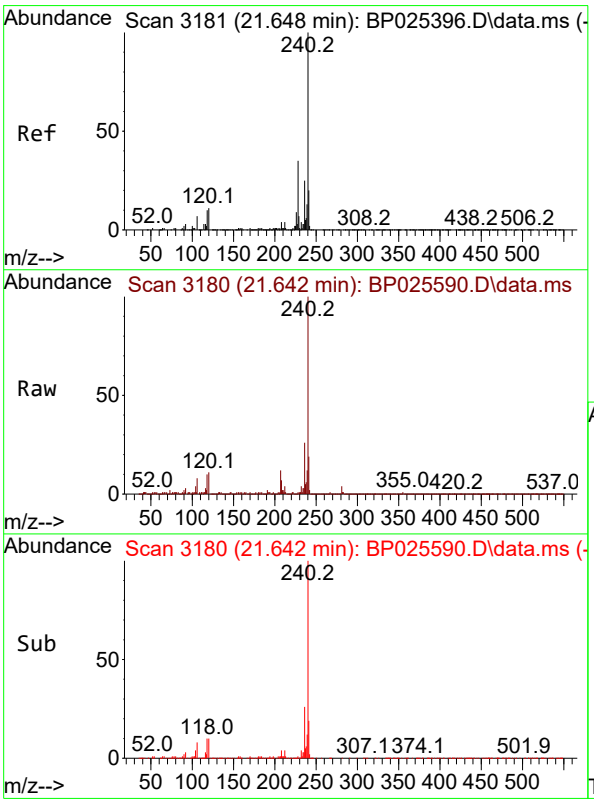
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.190 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025590.D
Acq: 26 Aug 2025 17:59

Instrument :
BNA_P
ClientSampleId :
MW-2A-082025

Tgt Ion:188 Resp: 1091596

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.6	10.0
80	9.8	6.7	10.1

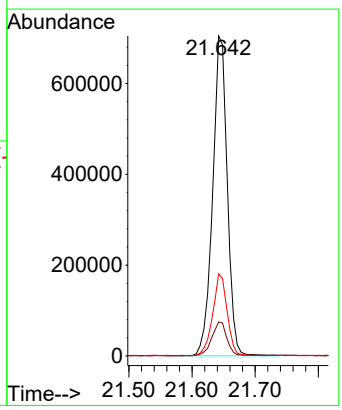


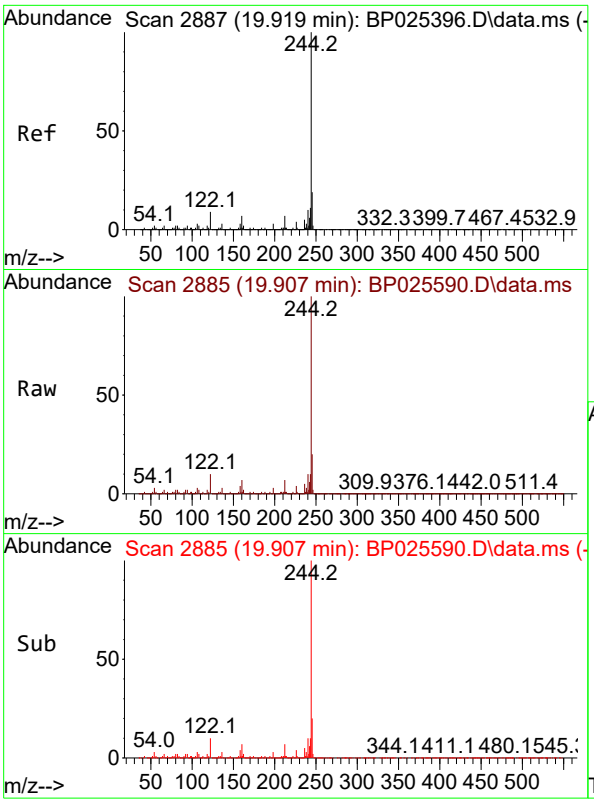


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025590.D
Acq: 26 Aug 2025 17:59

Tgt Ion:240 Resp: 1128817

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.9	13.3
236	25.7	19.8	29.8



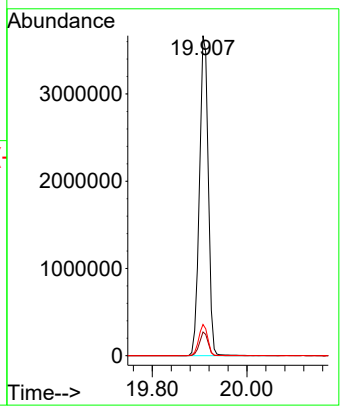


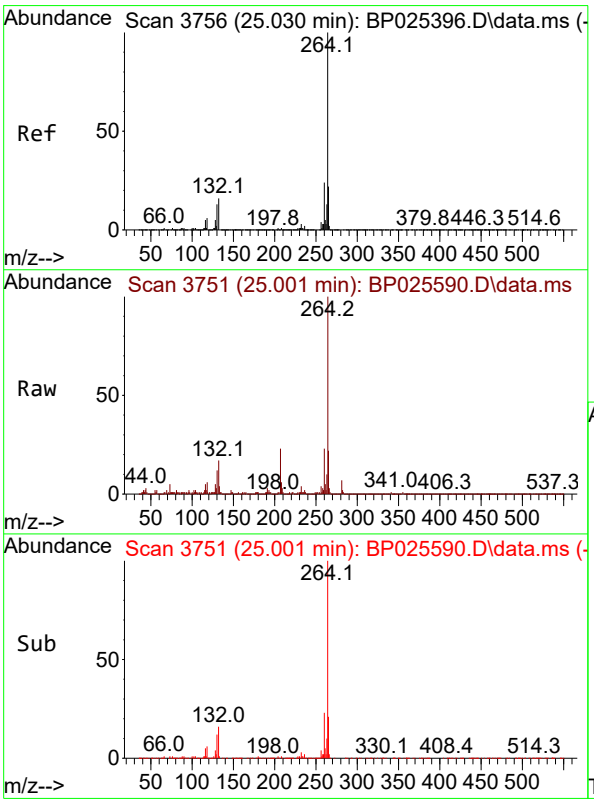
#79
Terphenyl-d14
Concen: 76.986 ng
RT: 19.907 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025590.D
Acq: 26 Aug 2025 17:59

Instrument :
BNA_P
ClientSampleId :
MW-2A-082025

Tgt Ion:244 Resp: 4749921

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	9.8	7.4	11.2

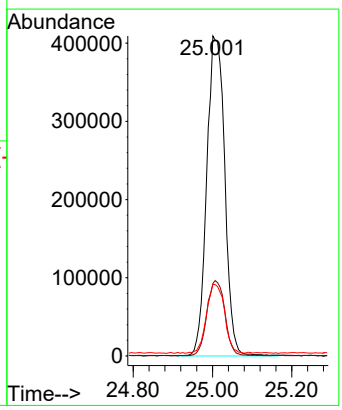




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3751
Delta R.T. -0.029 min
Lab File: BP025590.D
Acq: 26 Aug 2025 17:59

Tgt Ion:264 Resp: 1291268

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.3	28.9
265	22.4	17.4	26.0



Sample Results: **BP025590.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025590.D
Acq On : 26 Aug 2025 17:59
Operator : CG/JU
Sample : Q2924-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2A-082025

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: BP025590.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.037	11	17	34	rVB	3947098	5910118	46.69%	8.839%
2	4.555	270	275	282	rVB	90119	133183	1.05%	0.199%
3	4.943	334	341	348	rBV2	197550	302801	2.39%	0.453%
4	5.408	413	420	433	rBV	1881017	2756505	21.78%	4.123%
5	6.967	676	685	695	rBV	1044577	1740965	13.75%	2.604%
6	7.778	815	823	830	rBV	789292	1225286	9.68%	1.833%
7	8.919	1010	1017	1029	rVB	2259215	3974112	31.40%	5.944%
8	10.543	1286	1293	1301	rBV	918039	1691329	13.36%	2.530%
9	11.078	1375	1384	1389	rBV	227569	354989	2.80%	0.531%
10	11.137	1389	1394	1400	rVB	210234	314402	2.48%	0.470%
11	11.349	1424	1430	1437	rBV	141420	226460	1.79%	0.339%
12	12.196	1566	1574	1594	rBV	430765	1487776	11.75%	2.225%
13	13.002	1704	1711	1725	rBV	5802345	8878231	70.14%	13.279%
14	13.731	1828	1835	1848	rVB	85360	213790	1.69%	0.320%
15	14.201	1910	1915	1923	rBV2	106367	198432	1.57%	0.297%
16	14.354	1936	1941	1942	rBV	295378	308444	2.44%	0.461%
17	14.384	1942	1946	1954	rVB	1567110	2328426	18.40%	3.482%
18	15.766	2176	2181	2191	rVB	114582	191163	1.51%	0.286%
19	15.907	2198	2205	2217	rBV	5432570	7458369	58.93%	11.155%
20	16.137	2241	2244	2251	rVB2	81434	126676	1.00%	0.189%
21	16.413	2286	2291	2297	rVB	263688	381862	3.02%	0.571%
22	16.678	2331	2336	2357	rBV	1379772	2305853	18.22%	3.449%
23	17.190	2416	2423	2429	rBV	1878960	2675490	21.14%	4.002%
24	17.507	2472	2477	2482	rVB	169430	266162	2.10%	0.398%
25	17.937	2544	2550	2558	rBV	462154	670865	5.30%	1.003%
26	18.125	2577	2582	2591	rBV	381695	580675	4.59%	0.868%
27	19.454	2805	2808	2815	rBV2	206701	296158	2.34%	0.443%
28	19.684	2843	2847	2857	rBV	541955	779741	6.16%	1.166%
29	19.907	2880	2885	2893	rBV	9847082	12657344	100.00%	18.931%
30	21.642	3174	3180	3190	rBV	1865052	3230637	25.52%	4.832%
31	25.007	3745	3752	3764	rVB3	1056789	3195361	25.25%	4.779%

Sum of corrected areas: 66861605

Sample Results: **BP025590.D**

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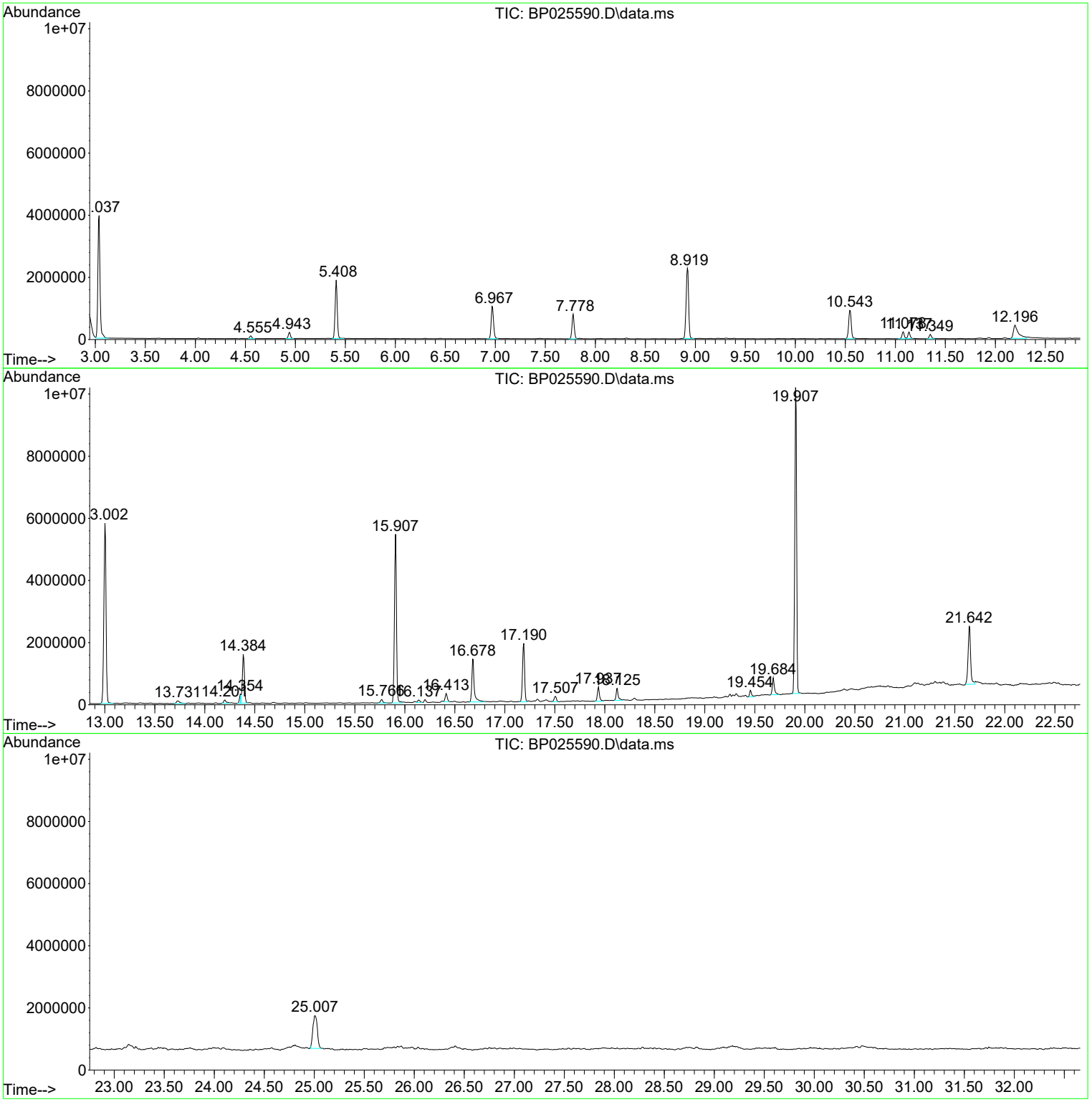
Data File : BP025590.D
Acq On : 26 Aug 2025 17:59
Operator : CG/JU
Sample : Q2924-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2A-082025

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



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Sample : Q2924-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

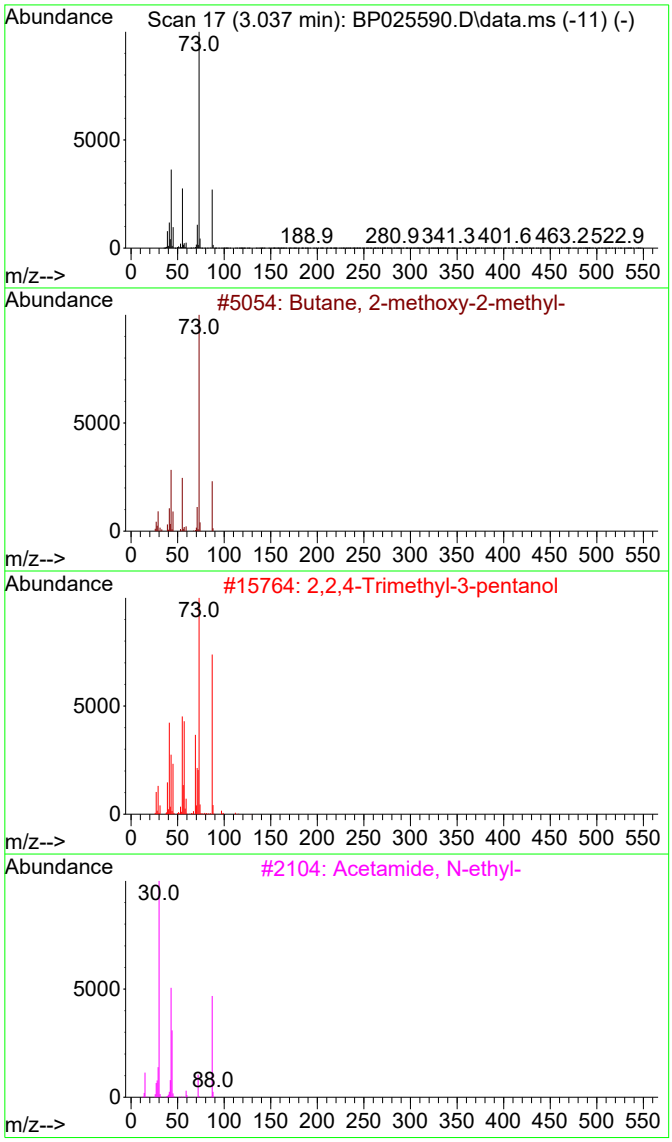
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

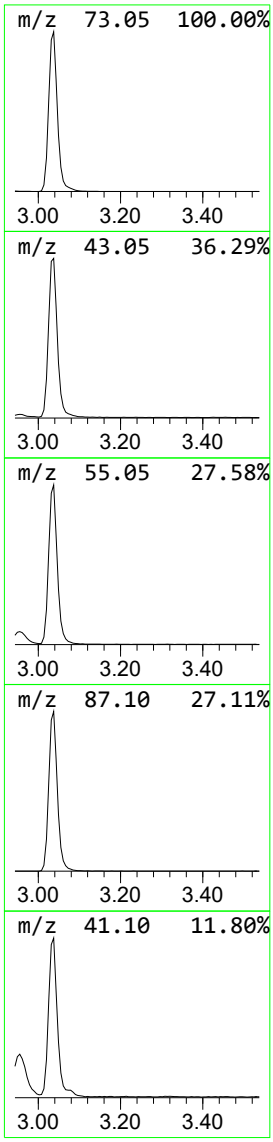
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.037	96.47 ng	5910120	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	78
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





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Sample : Q2924-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2A-082025

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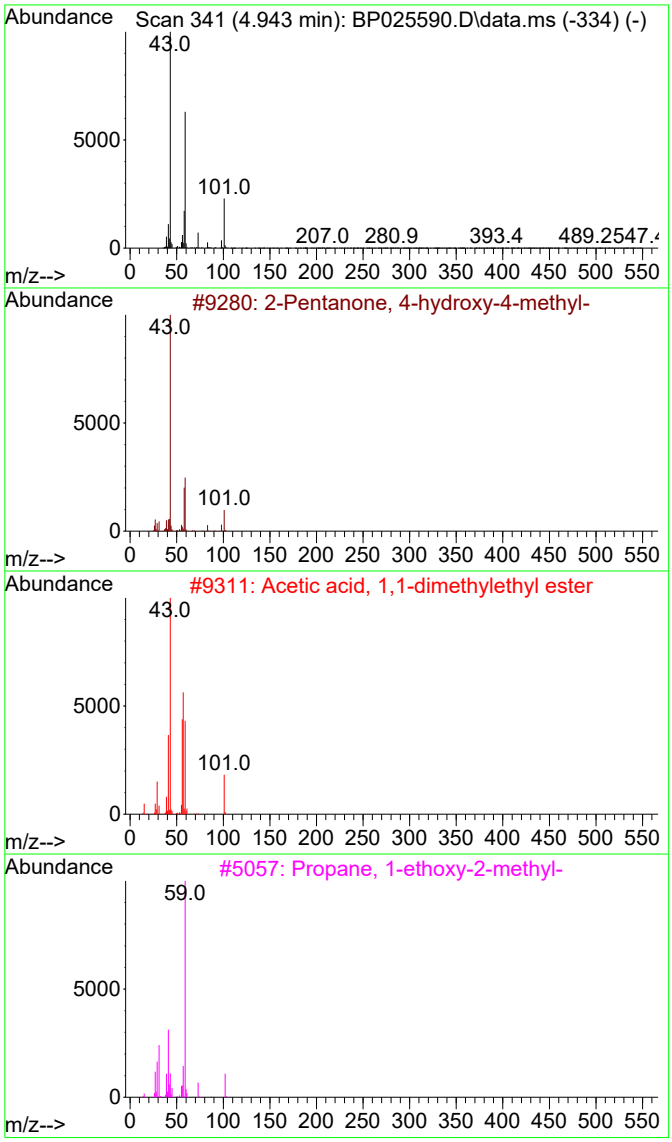
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

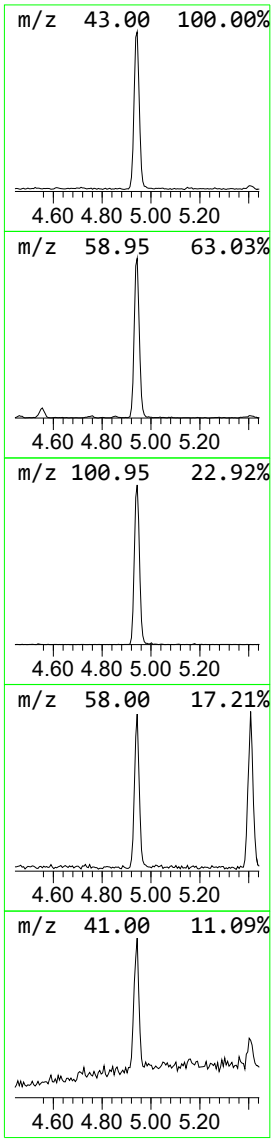
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.943	4.94 ng	302801	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	45
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	35
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
5	Methyl 2,5,8,11-tetraoxatridecan...	236	C10H20O6	1000366-78-2	23





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Sample : Q2924-06
Misc :
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ClientSampleId :
MW-2A-082025

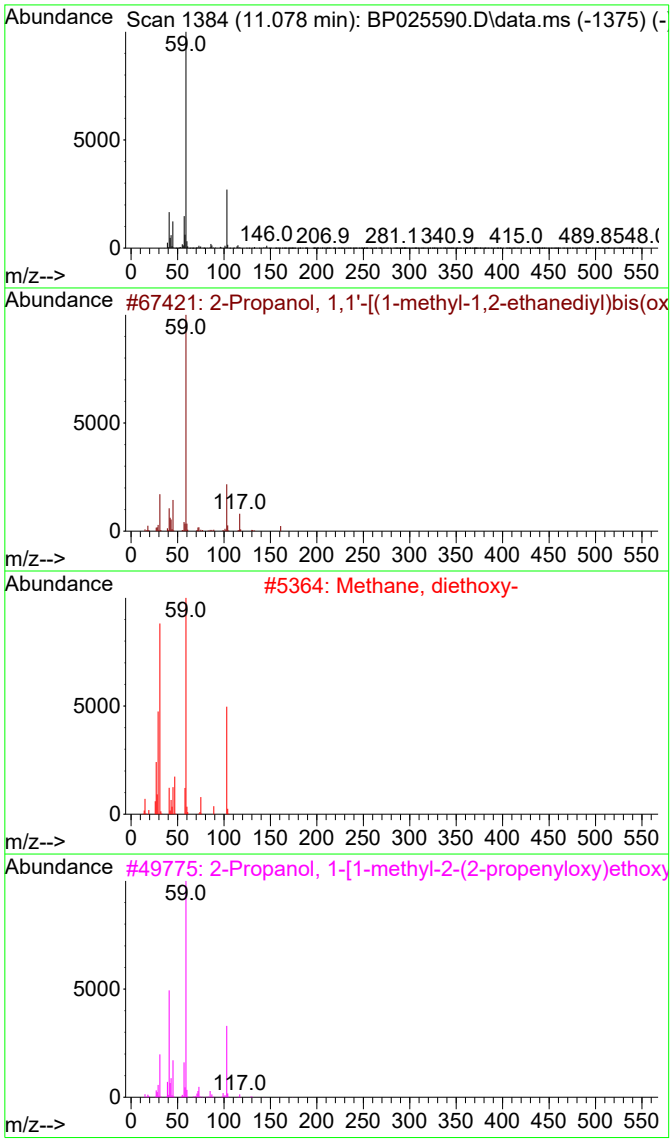
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

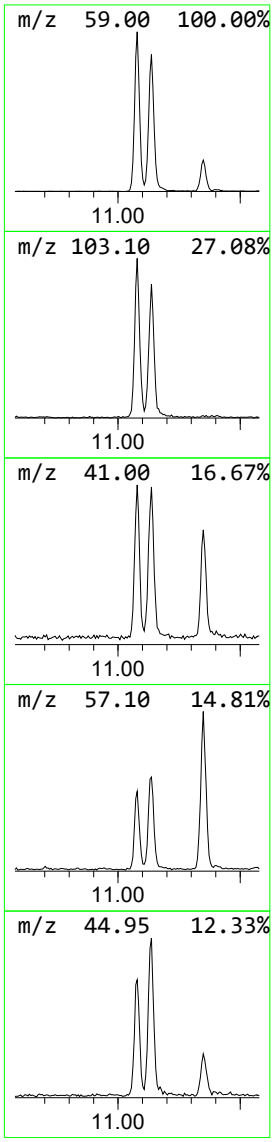
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Propanol, 1,1'-[(1-methyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.078	4.20 ng	354989	Naphthalene-d8	10.543

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	72
2	Methane, diethoxy-	104	C5H12O2	000462-95-3	64
3	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	64
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	64
5	1,4,7-Trimethyl-3,6-dioxaoctane-...	192	C9H20O4	1000423-63-2	59





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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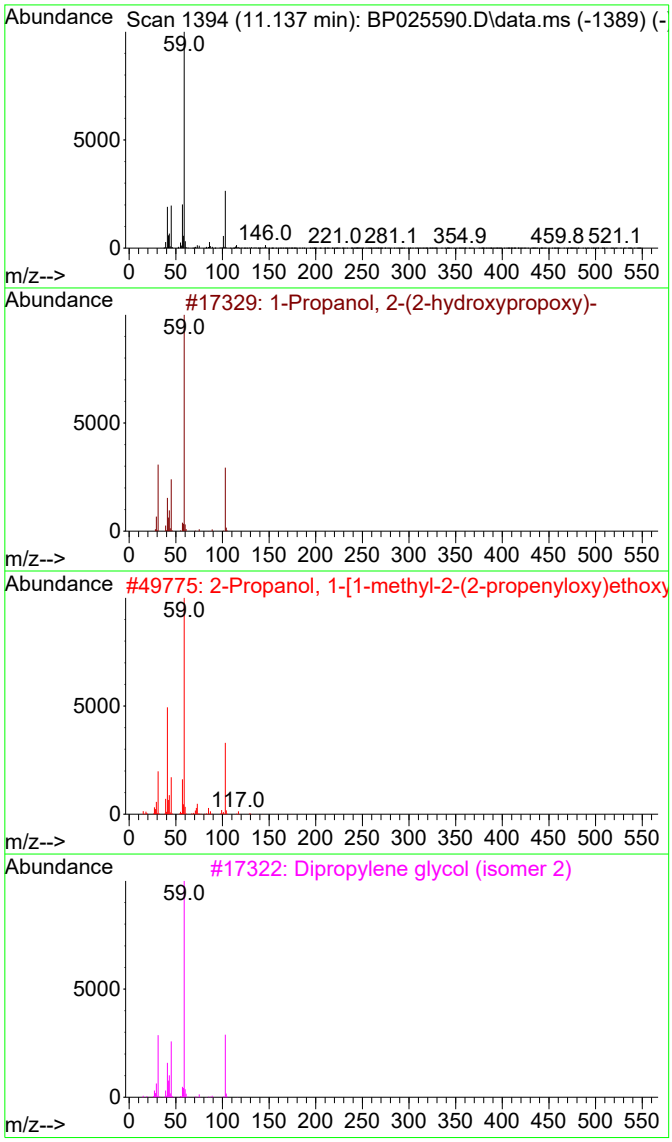
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

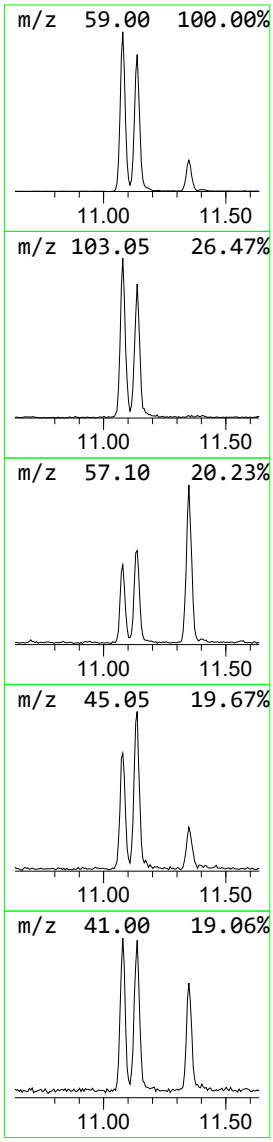
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Propanol, 2-(2-hydroxypro... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.137	3.72 ng	314402	Naphthalene-d8	10.543

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	72
2	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	64
3	Dipropylene glycol (isomer 2)	134	C6H14O3	1000506-25-4	64
4	Dipropylene glycol (isomer 3)	134	C6H14O3	1000506-25-5	64
5	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	64





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Sample : Q2924-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

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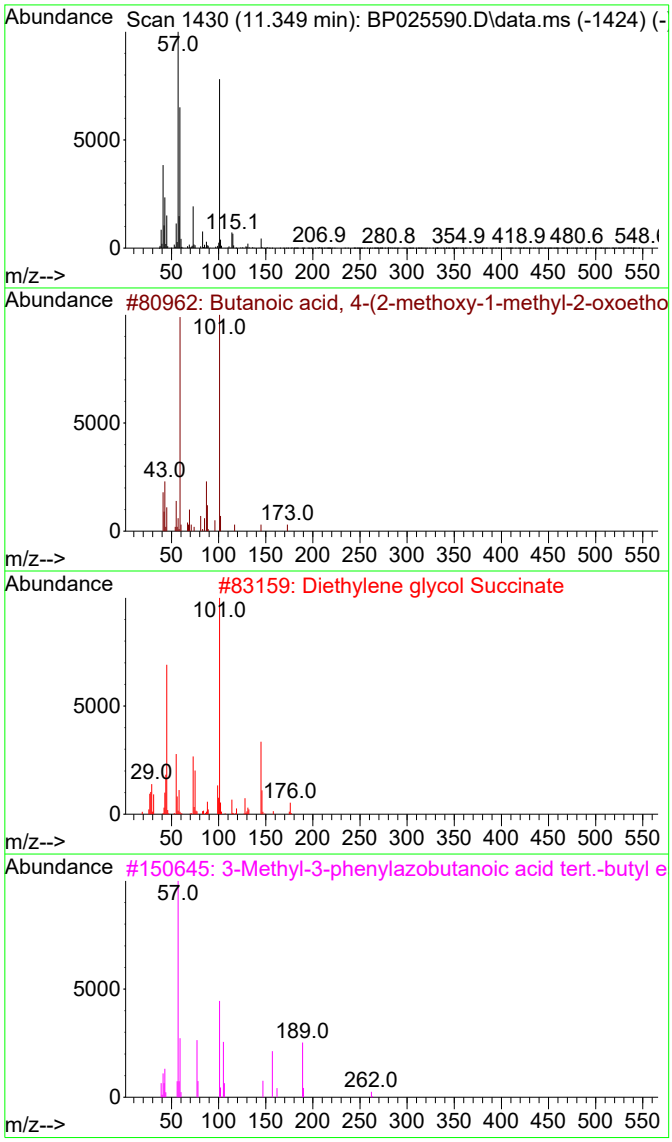
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

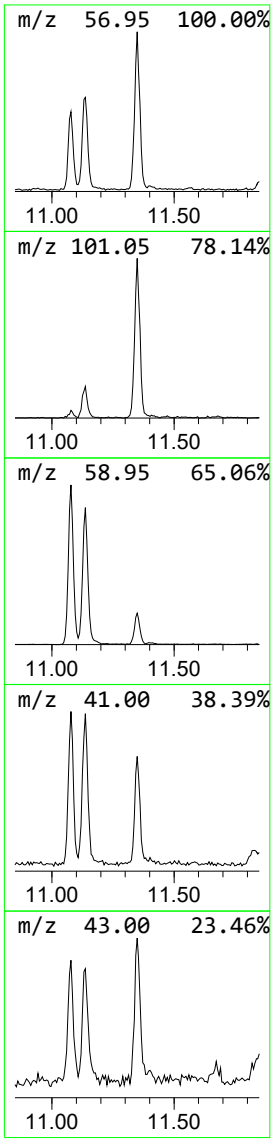
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Butanoic acid, 4-(2-methoxy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.349	2.68 ng	226460	Naphthalene-d8	10.543

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 4-(2-methoxy-1-me...	204	C9H16O5	054966-46-0	53
2	Diethylene glycol Succinate	206	C8H14O6	1000445-97-7	47
3	3-Methyl-3-phenylazobutanoic aci...	262	C15H22N2O2	097812-41-4	40
4	Propane, 1,1'-[ethylidenebis(oxy...	174	C10H22O2	005669-09-0	38
5	Ethanol, 2,2'-oxybis-, dipropanoate	218	C10H18O5	006942-59-2	37





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Operator : CG/JU
Sample : Q2924-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

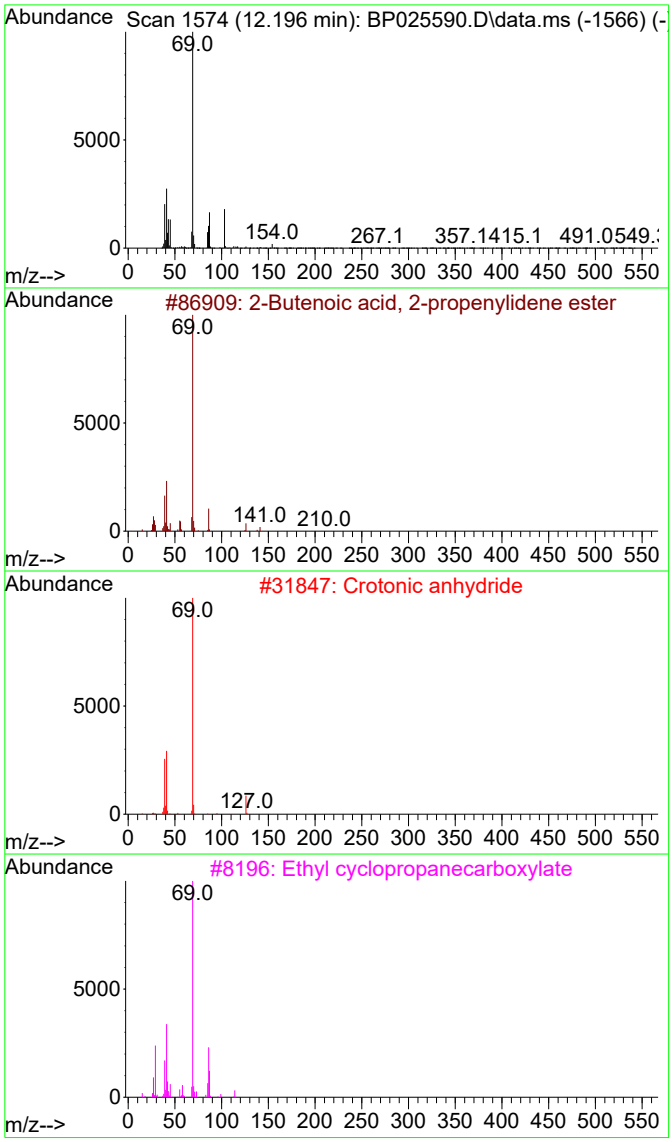
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

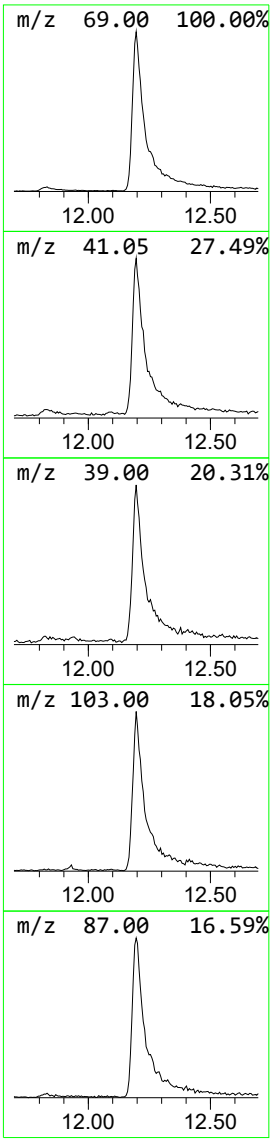
****

Peak Number 7 unknown12.196 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.196	17.59 ng	1487780	Naphthalene-d8	10.543

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	42
2	Crotonic anhydride	154	C8H10O3	000623-68-7	38
3	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	38
4	Oxazole	69	C3H3NO	000288-42-6	9
5	2-Propenoic acid, 2-methyl-, 2-p...	126	C7H10O2	000096-05-9	9





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Sample : Q2924-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

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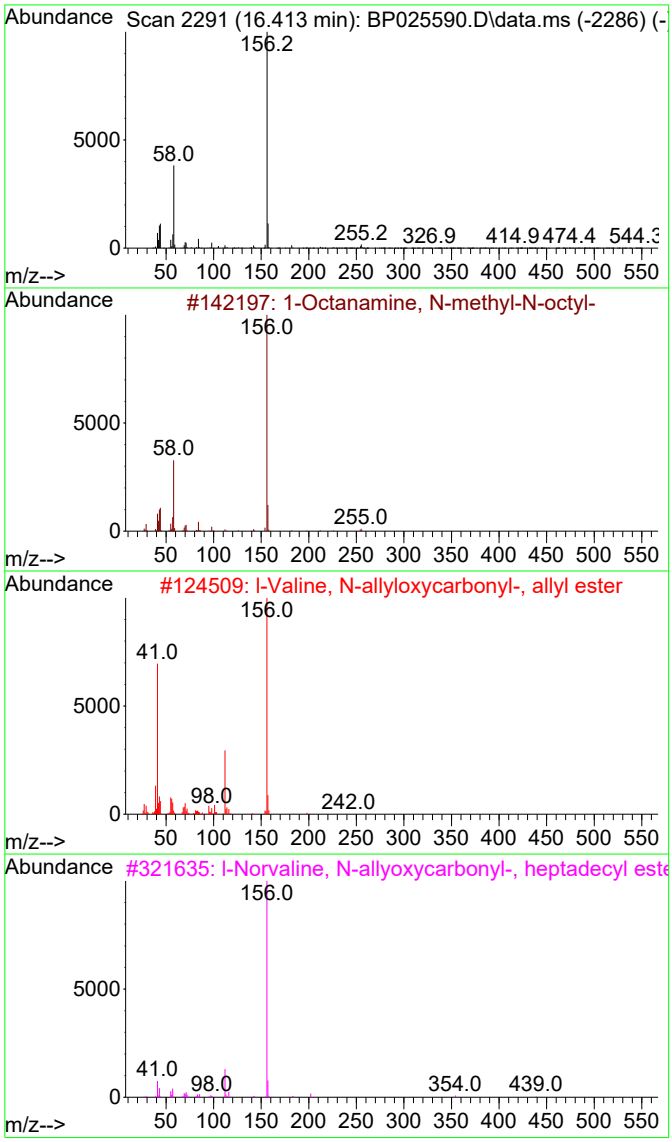
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

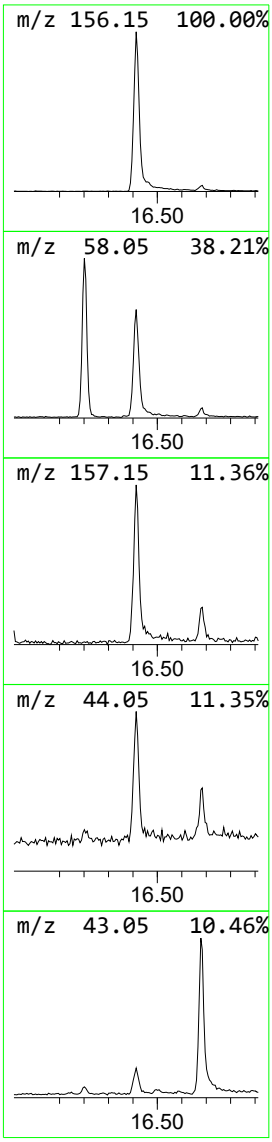
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1-Octanamine, N-methyl-N-oc... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.413	2.85 ng	381862	Phenanthrene-d10	17.189

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanamine, N-methyl-N-octyl-	255	C17H37N	004455-26-9	96
2	l-Valine, N-allyloxycarbonyl-, a...	241	C12H19NO4	1000323-40-0	47
3	l-Norvaline, N-allyoxycarbonyl-,...	439	C26H49NO4	1000320-75-6	43
4	l-Norvaline, N-allyloxycarbonyl-...	369	C21H39NO4	1000320-75-2	43
5	Cyclobutanecarboxamide, N-(2-phe...	329	C22H35NO	1000451-61-1	40





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Sample : Q2924-06
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ALS Vial : 13 Sample Multiplier: 1

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

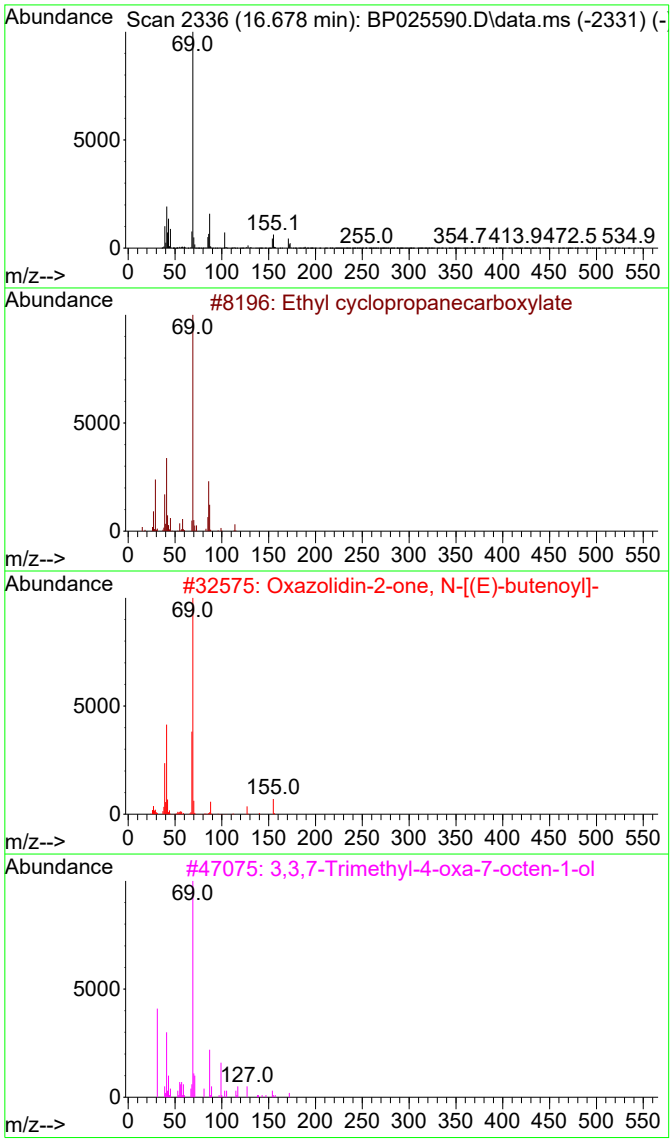
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

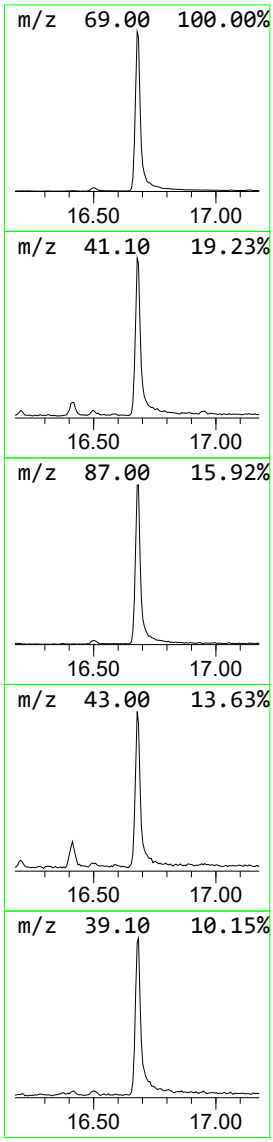
****

Peak Number 9 Ethyl cyclopropanecarboxylate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.678	17.24 ng	2305850	Phenanthrene-d10	17.189

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	53
2	Oxazolidin-2-one, N-[(E)-butenoyl]-	155	C7H9NO3	1010156-45-5	40
3	3,3,7-Trimethyl-4-oxa-7-octen-1-ol	172	C10H20O2	069161-47-3	39
4	(E)-2-Methylbut-2-en-1-yl methac...	154	C9H14O2	088142-95-4	38
5	Cyclopropanecarboxylic acid,buty...	142	C8H14O2	054947-39-6	9





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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

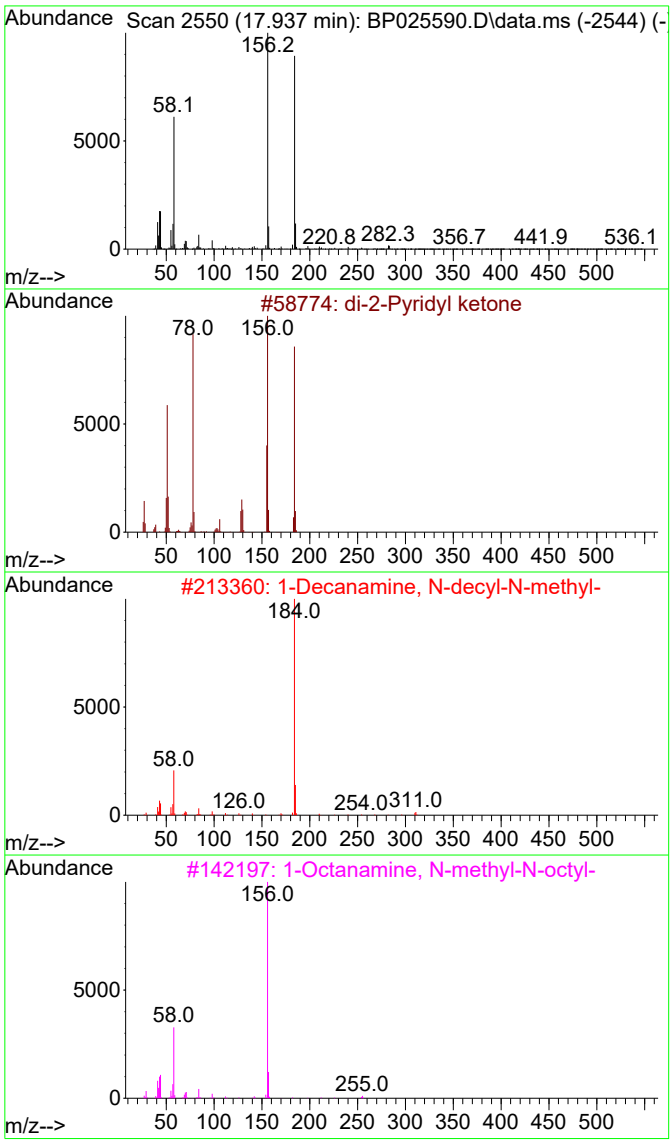
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

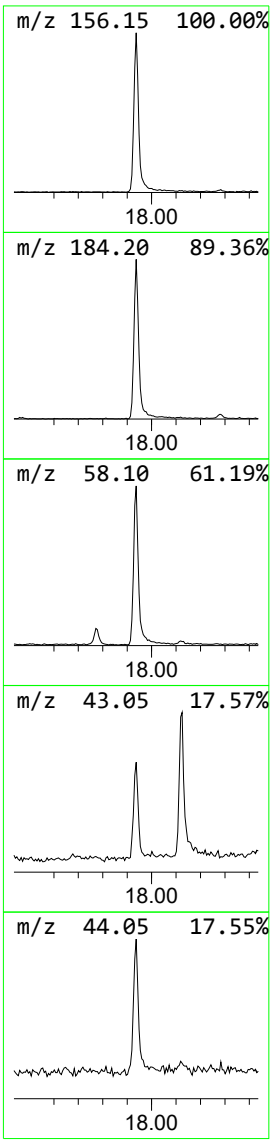
****

Peak Number 10 di-2-Pyridyl ketone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.937	5.01 ng	670865	Phenanthrene-d10	17.189

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-2-Pyridyl ketone	184	C11H8N2O	019437-26-4	59
2	1-Decanamine, N-decyl-N-methyl-	311	C21H45N	007396-58-9	43
3	1-Octanamine, N-methyl-N-octyl-	255	C17H37N	004455-26-9	38
4	DL-Alanyl-DL-alanine, N,N'-dimet...	482	C27H50N2O5	1000392-74-9	35
5	D-Alanine, N-(2,4-difluorobenzoy...	453	C26H41F2NO3	1000348-46-1	27





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

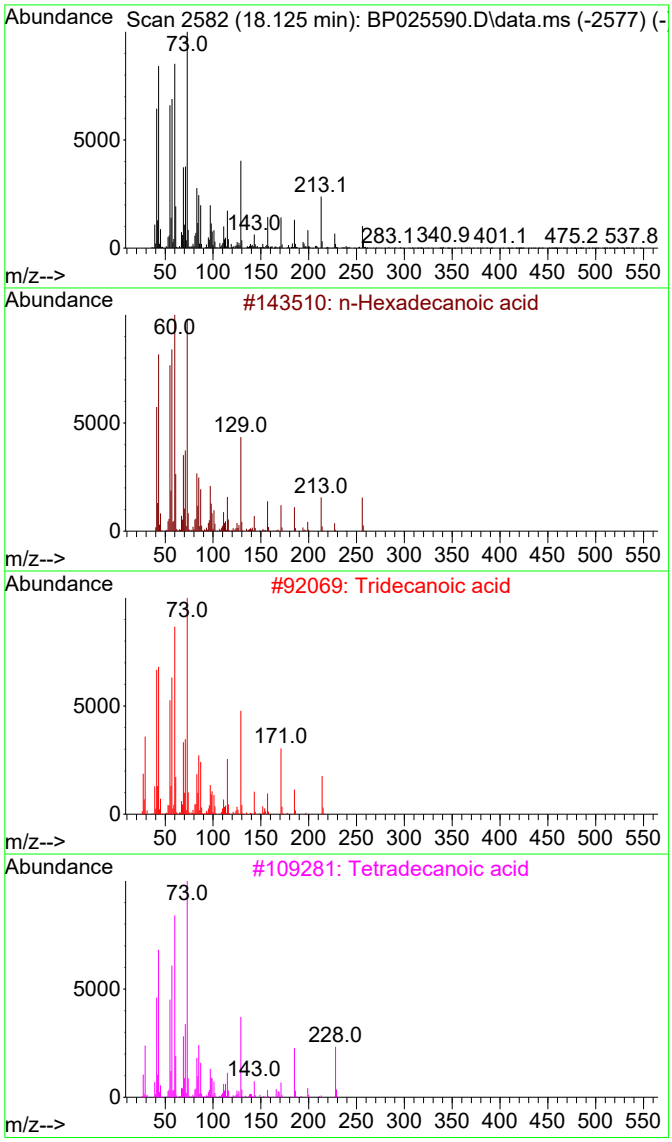
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

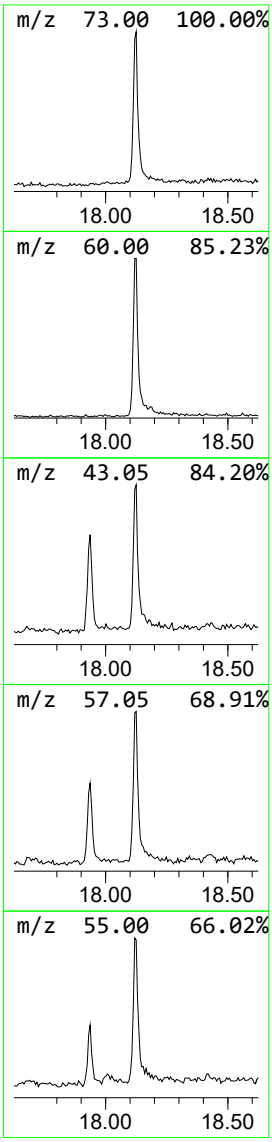
****

Peak Number 11 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.125	4.34 ng	580675	Phenanthrene-d10	17.189

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025590.D
Acq On : 26 Aug 2025 17:59
Operator : CG/JU
Sample : Q2924-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2A-082025

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

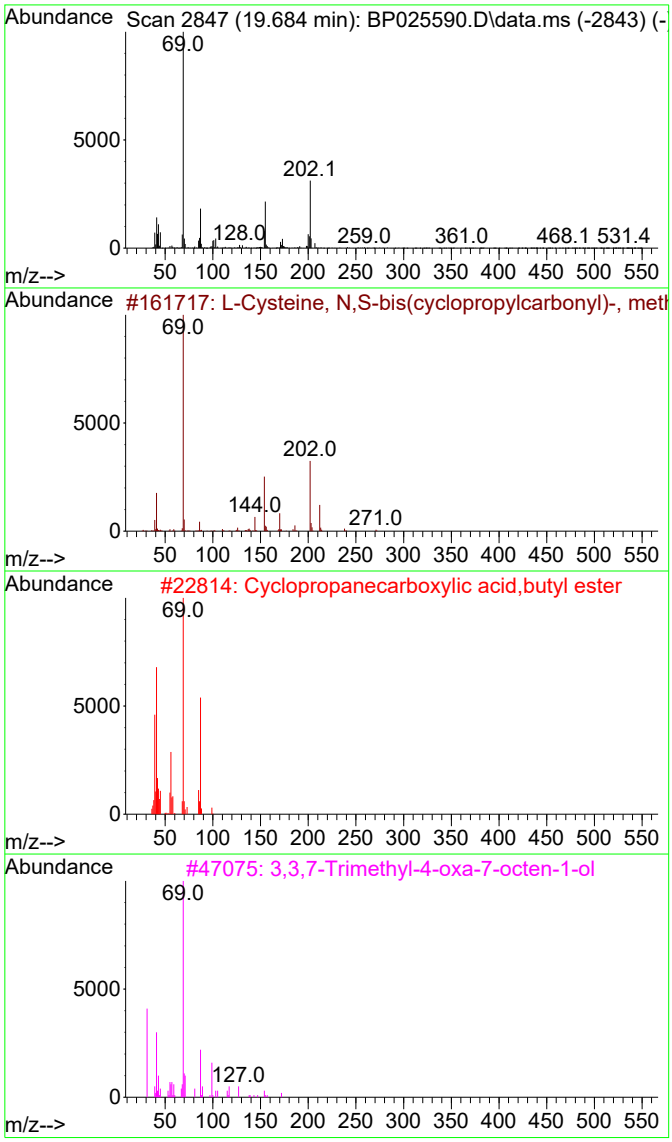
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

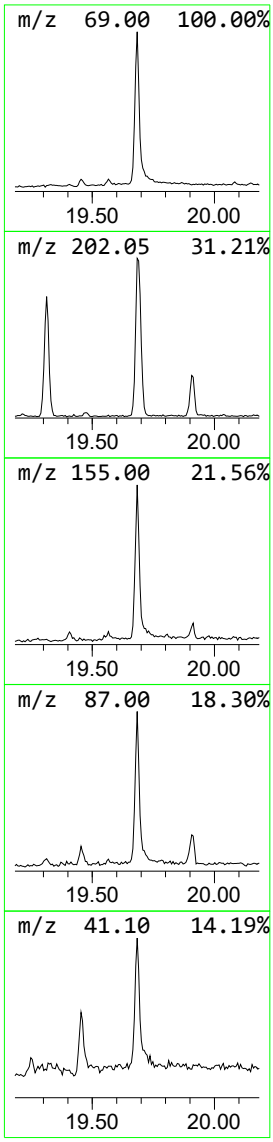
****

Peak Number 12 unknown19.683 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.683	4.83 ng	779741	Chrysene-d12	21.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	L-Cysteine, N,S-bis(cyclopropylc...	271	C12H17NO4S	1000282-55-7	42
2	Cyclopropanecarboxylic acid,buty...	142	C8H14O2	054947-39-6	32
3	3,3,7-Trimethyl-4-oxa-7-octen-1-ol	172	C10H20O2	069161-47-3	28
4	2-Propenoic acid, 2-methyl-, 1-m...	128	C7H12O2	004655-34-9	23
5	Cyclopropanecarboxylic acid, but...	138	C8H10O2	1000299-37-3	9





Sample Results: **BP025590.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025590.D
Acq On : 26 Aug 2025 17:59
Operator : CG/JU
Sample : Q2924-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2A-082025

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...	3.037	96.5	ng	5910120	1	7.778	1225290	20.0
2-Pentanone, 4-...	4.943	4.9	ng	302801	1	7.778	1225290	20.0
2-Propanol, 1,1...	11.078	4.2	ng	354989	2	10.543	1691330	20.0
1-Propanol, 2-(...	11.137	3.7	ng	314402	2	10.543	1691330	20.0
Butanoic acid, ...	11.349	2.7	ng	226460	2	10.543	1691330	20.0
unknown12.196	12.196	17.6	ng	1487780	2	10.543	1691330	20.0
1-Octanamine, N...	16.413	2.9	ng	381862	4	17.189	2675490	20.0
Ethyl cycloprop...	16.678	17.2	ng	2305850	4	17.189	2675490	20.0
di-2-Pyridyl ke...	17.937	5.0	ng	670865	4	17.189	2675490	20.0
n-Hexadecanoic ...	18.125	4.3	ng	580675	4	17.189	2675490	20.0
unknown19.683	19.683	4.8	ng	779741	5	21.642	3230640	20.0

Raw Data: **BF143603.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-18C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-07	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143603.D	1	08/22/25 10:34	08/27/25 12:52	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.1	U	3.90	10.1	ug/L
108-95-2	Phenol	5.10	U	0.92	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.10	U	0.82	5.10	ug/L
95-57-8	2-Chlorophenol	5.10	U	0.59	5.10	ug/L
95-48-7	2-Methylphenol	5.10	U	1.10	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.10	U	1.30	5.10	ug/L
98-86-2	Acetophenone	5.10	U	0.75	5.10	ug/L
65794-96-9	3+4-Methylphenols	10.1	U	1.10	10.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	5.10	U	0.66	5.10	ug/L
98-95-3	Nitrobenzene	5.10	U	0.77	5.10	ug/L
78-59-1	Isophorone	5.10	U	0.76	5.10	ug/L
88-75-5	2-Nitrophenol	5.10	U	1.80	5.10	ug/L
105-67-9	2,4-Dimethylphenol	5.10	U	1.90	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.10	U	0.69	5.10	ug/L
120-83-2	2,4-Dichlorophenol	5.10	U	0.53	5.10	ug/L
91-20-3	Naphthalene	5.10	U	0.51	5.10	ug/L
106-47-8	4-Chloroaniline	5.10	U	0.85	5.10	ug/L
87-68-3	Hexachlorobutadiene	5.10	U	0.55	5.10	ug/L
105-60-2	Caprolactam	10.1	U	1.10	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	5.10	U	0.60	5.10	ug/L
91-57-6	2-Methylnaphthalene	5.10	U	0.57	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	10.1	U	3.70	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	0.52	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	5.10	U	0.63	5.10	ug/L
92-52-4	1,1-Biphenyl	5.10	U	0.54	5.10	ug/L
91-58-7	2-Chloronaphthalene	5.10	U	0.62	5.10	ug/L
88-74-4	2-Nitroaniline	5.10	U	1.30	5.10	ug/L
131-11-3	Dimethylphthalate	5.10	U	0.62	5.10	ug/L

Raw Data: **BF143603.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-18C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-07	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143603.D	1	08/22/25 10:34	08/27/25 12:52	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.10	U	0.76	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	5.10	U	0.93	5.10	ug/L
99-09-2	3-Nitroaniline	5.10	U	1.10	5.10	ug/L
83-32-9	Acenaphthene	5.10	U	0.56	5.10	ug/L
51-28-5	2,4-Dinitrophenol	10.1	U	6.00	10.1	ug/L
100-02-7	4-Nitrophenol	10.1	U	2.40	10.1	ug/L
132-64-9	Dibenzofuran	5.10	U	0.62	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	5.10	U	1.20	5.10	ug/L
84-66-2	Diethylphthalate	5.10	U	0.70	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.10	U	0.69	5.10	ug/L
86-73-7	Fluorene	5.10	U	0.64	5.10	ug/L
100-01-6	4-Nitroaniline	5.10	U	1.50	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.1	U	2.90	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	5.10	U	0.59	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	5.10	U	0.40	5.10	ug/L
118-74-1	Hexachlorobenzene	5.10	U	0.53	5.10	ug/L
1912-24-9	Atrazine	5.10	U	1.00	5.10	ug/L
87-86-5	Pentachlorophenol	10.1	U	1.60	10.1	ug/L
85-01-8	Phenanthrene	5.10	U	0.51	5.10	ug/L
120-12-7	Anthracene	5.10	U	0.62	5.10	ug/L
86-74-8	Carbazole	5.10	U	0.73	5.10	ug/L
84-74-2	Di-n-butylphthalate	5.10	U	1.20	5.10	ug/L
206-44-0	Fluoranthene	5.10	U	0.83	5.10	ug/L
129-00-0	Pyrene	5.10	U	0.51	5.10	ug/L
85-68-7	Butylbenzylphthalate	5.10	U	1.90	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	10.1	U	0.94	10.1	ug/L
56-55-3	Benzo(a)anthracene	5.10	U	0.45	5.10	ug/L
218-01-9	Chrysene	5.10	U	0.44	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.10	U	1.60	5.10	ug/L
117-84-0	Di-n-octyl phthalate	10.1	U	2.40	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	5.10	U	0.49	5.10	ug/L

Raw Data: **BF143603.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-18C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-07	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143603.D	1	08/22/25 10:34	08/27/25 12:52	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.10	U	0.48	5.10	ug/L
50-32-8	Benzo(a)pyrene	5.10	U	0.56	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.10	U	0.60	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.10	U	0.68	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	5.10	U	0.70	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.10	U	0.53	5.10	ug/L
123-91-1	1,4-Dioxane	5.10	U	1.00	5.10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.10	U	0.73	5.10	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	67.3		23 - 138	45%	SPK: 150
13127-88-3	Phenol-d6	41.9		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	113		67 - 132	113%	SPK: 100
321-60-8	2-Fluorobiphenyl	95.1		52 - 132	95%	SPK: 100
118-79-6	2,4,6-Tribromophenol	142		44 - 137	95%	SPK: 150
1718-51-0	Terphenyl-d14	96.9		42 - 152	97%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	107000	6.892			
1146-65-2	Naphthalene-d8	403000	8.169			
15067-26-2	Acenaphthene-d10	213000	9.922			
1517-22-2	Phenanthrene-d10	298000	11.41			
1719-03-5	Chrysene-d12	161000	14.045			
1520-96-3	Perylene-d12	219000	15.521			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.80	AB		5.11	ug/L
000119-61-9	Benzophenone	2.30	J		10.6	ug/L
000057-10-3	n-Hexadecanoic acid	2.70	J		11.9	ug/L
000373-49-9	Palmitoleic acid	2.30	J		12.6	ug/L

Raw Data: **BF143603.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-18C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-07	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143603.D	1	08/22/25 10:34	08/27/25 12:52	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Sample Results: **BF143603.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143603.D
Acq On : 27 Aug 2025 12:52
Operator : RC/JU
Sample : Q2924-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18C-082025

Quant Time: Aug 27 13:19:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	107445	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	403245	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	213409	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	297699	20.000	ng	0.00
76) Chrysene-d12	14.045	240	161336	20.000	ng	0.00
86) Perylene-d12	15.521	264	218565	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	424790	67.289	ng	0.00
7) Phenol-d6	6.498	99	327985	41.947	ng	-0.01
23) Nitrobenzene-d5	7.451	82	637608	112.899	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	236633	141.790	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1186706	95.075	ng	0.00
79) Terphenyl-d14	12.992	244	871067	96.886	ng	0.00
Target Compounds						Qvalue

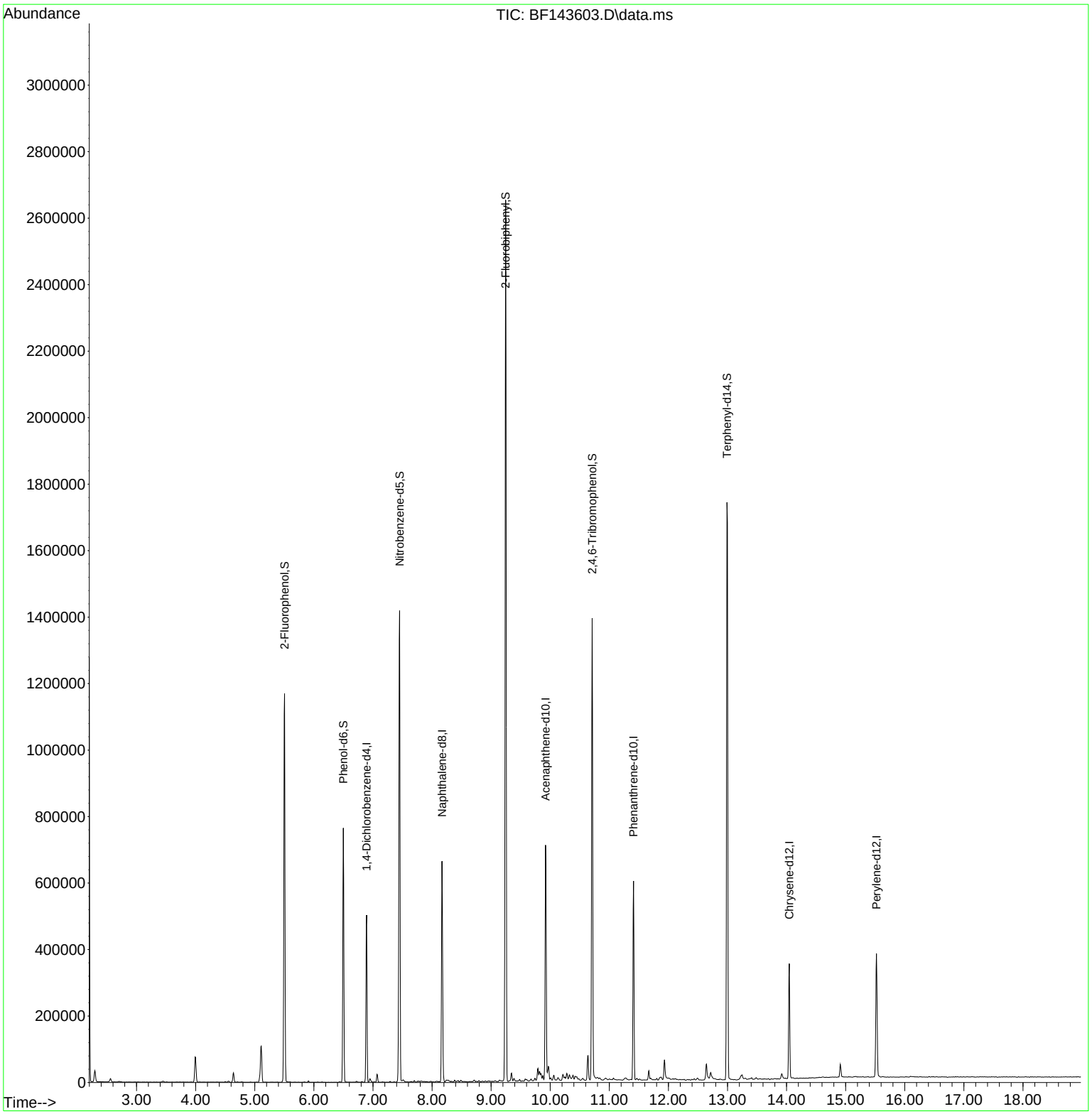
(#) = qualifier out of range (m) = manual integration (+) = signals summed

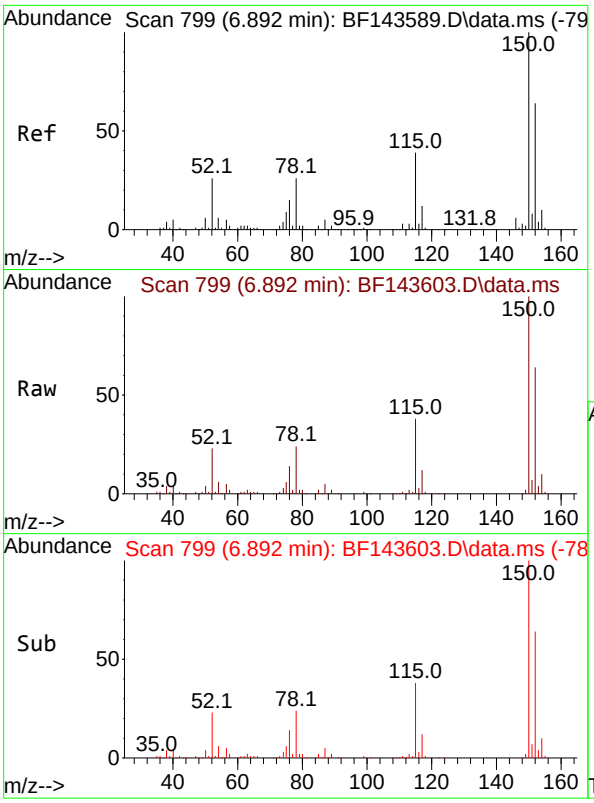
Sample Results: **BF143603.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143603.D
Acq On : 27 Aug 2025 12:52
Operator : RC/JU
Sample : Q2924-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18C-082025

Quant Time: Aug 27 13:19:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration



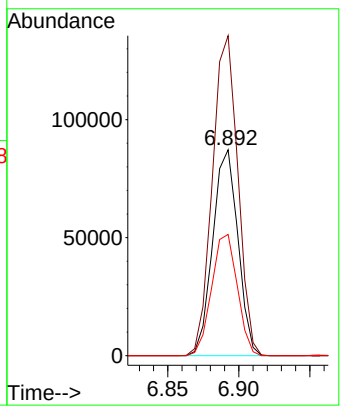


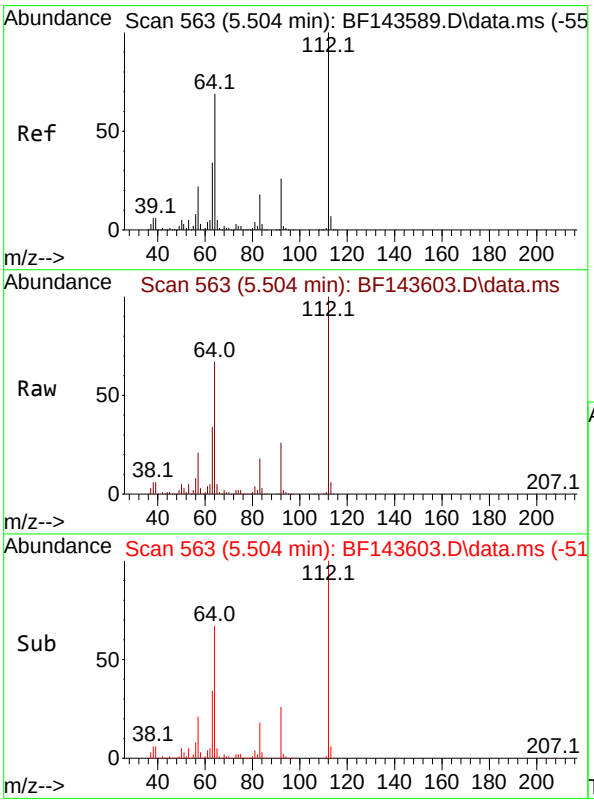
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

Instrument :
BNA_F
ClientSampleId :
MW-18C-082025

Tgt Ion:152 Resp: 107445

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.9	187.3
115	58.9	48.0	72.0

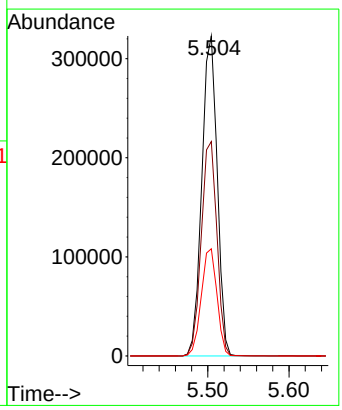


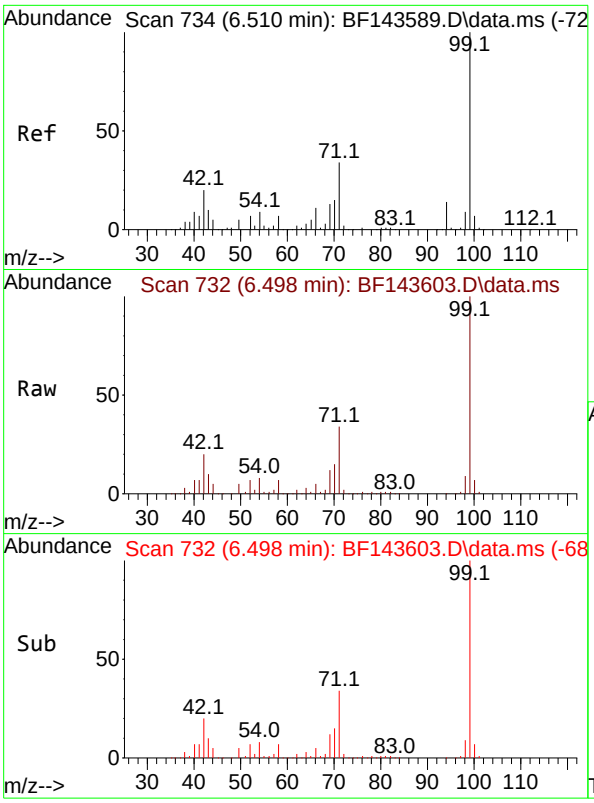


#5
2-Fluorophenol
Concen: 67.289 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.000 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

Tgt Ion:112 Resp: 424790

Ion	Ratio	Lower	Upper
112	100		
64	67.0	54.8	82.2
63	33.5	27.6	41.4



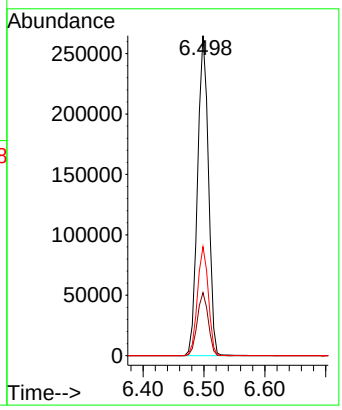


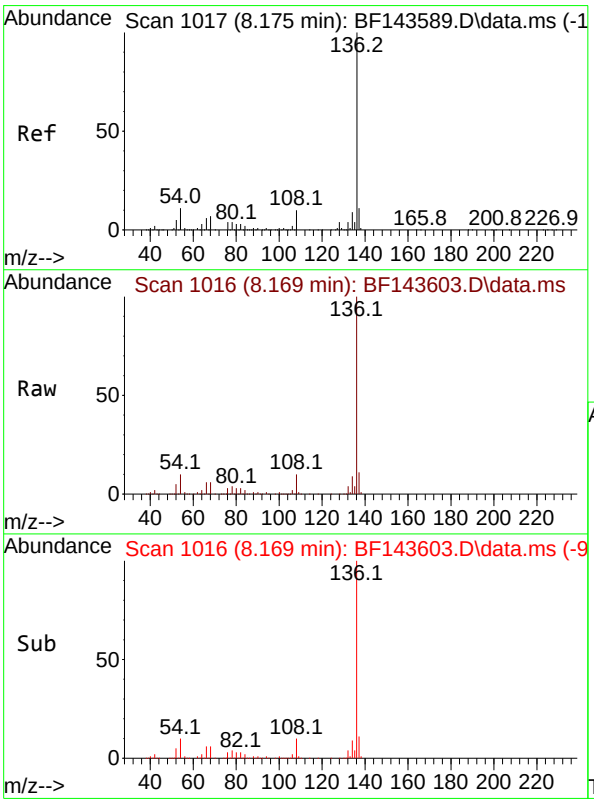
#7
Phenol-d6
Concen: 41.947 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

Instrument :
BNA_F
ClientSampleId :
MW-18C-082025

Tgt Ion: 99 Resp: 327985

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.9	23.9
71	34.1	27.2	40.8

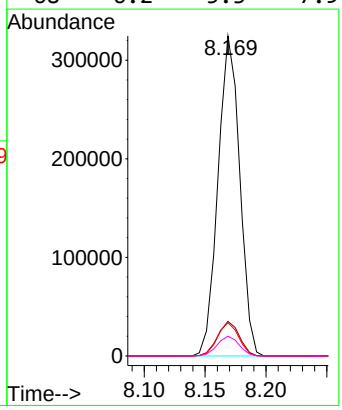


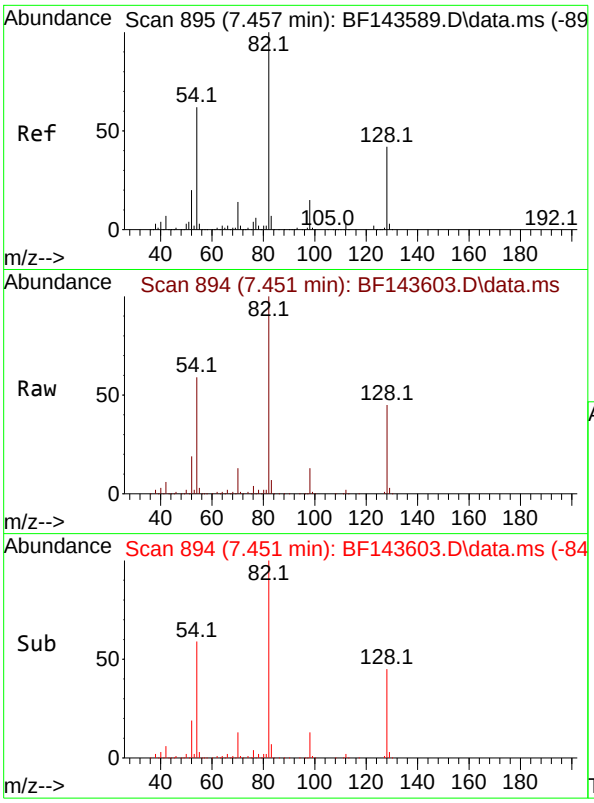


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

Tgt Ion:136 Resp: 403245

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	10.4	9.0	13.6
68	6.2	5.3	7.9



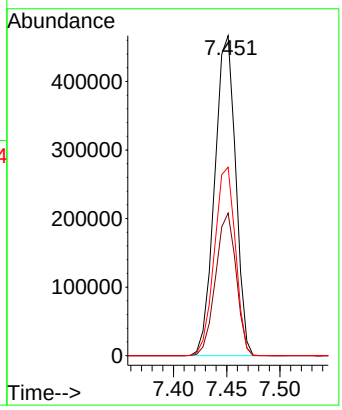


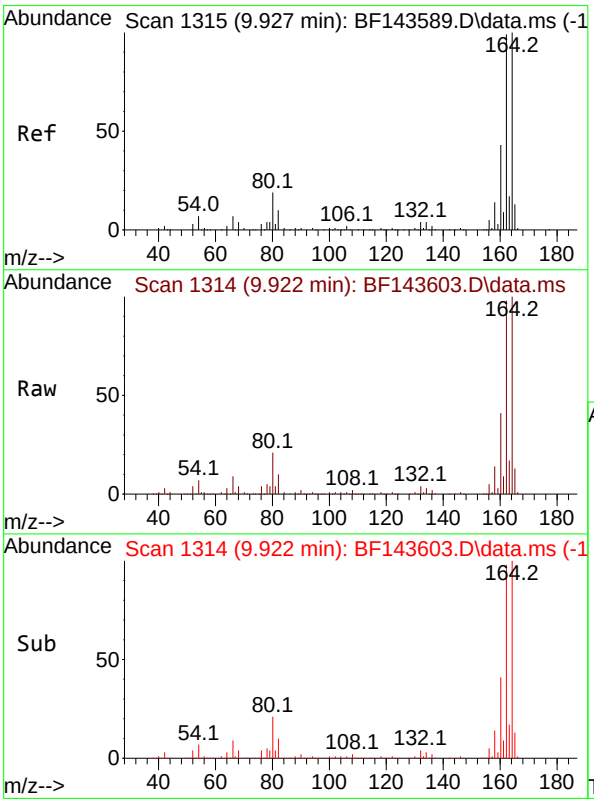
#23
Nitrobenzene-d5
Concen: 112.899 ng
RT: 7.451 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

Instrument :
BNA_F
ClientSampleId :
MW-18C-082025

Tgt Ion: 82 Resp: 637608

Ion	Ratio	Lower	Upper
82	100		
128	44.5	33.4	50.2
54	58.9	49.3	73.9

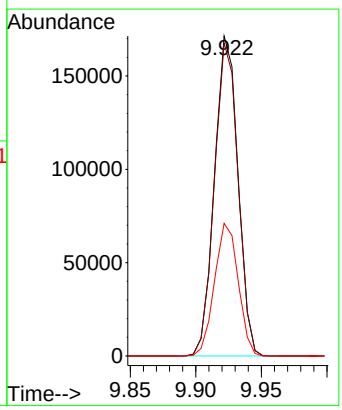


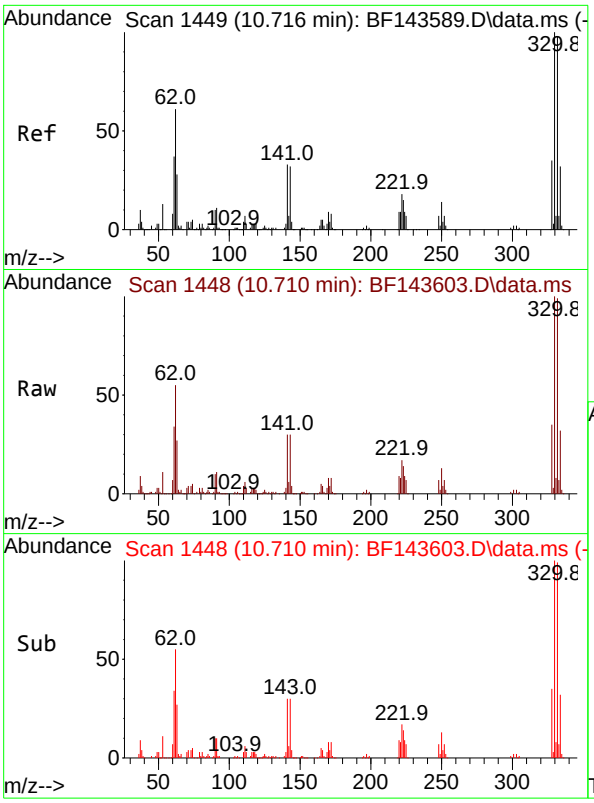


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

Tgt Ion:164 Resp: 213409

Ion	Ratio	Lower	Upper
164	100		
162	97.8	79.5	119.3
160	41.5	34.2	51.4



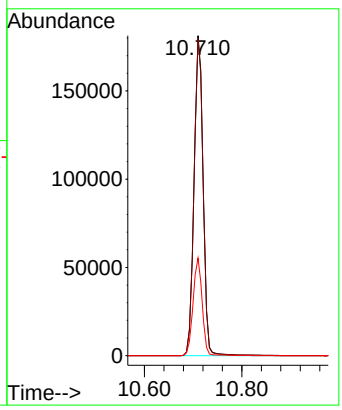


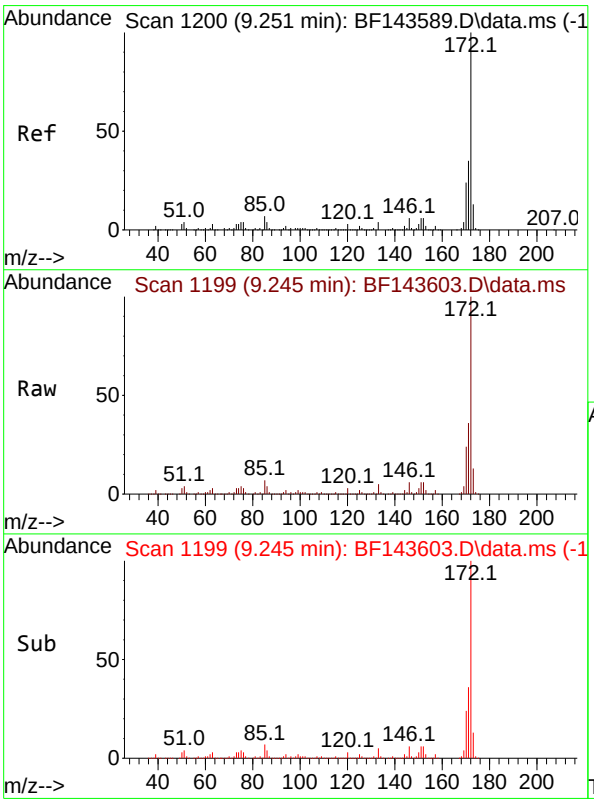
#42
2,4,6-Tribromophenol
Concen: 141.790 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

Instrument :
BNA_F
ClientSampleId :
MW-18C-082025

Tgt Ion:330 Resp: 236633

Ion	Ratio	Lower	Upper
330	100		
332	98.7	78.2	117.4
141	30.6	25.4	38.0

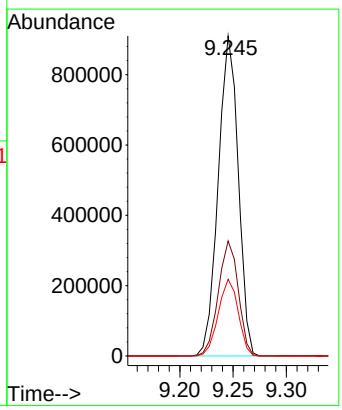


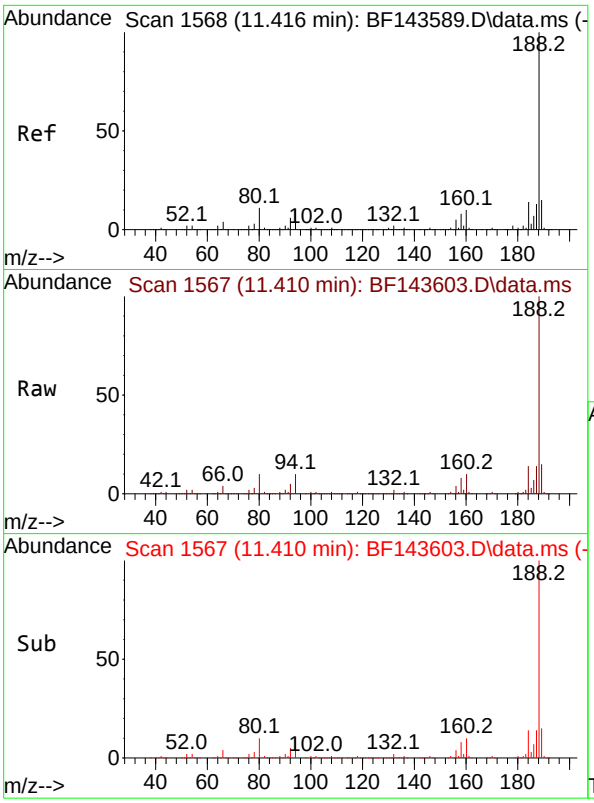


#45
2-Fluorobiphenyl
Concen: 95.075 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

Tgt Ion:172 Resp: 1186706

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.3	42.5
170	23.9	19.0	28.4



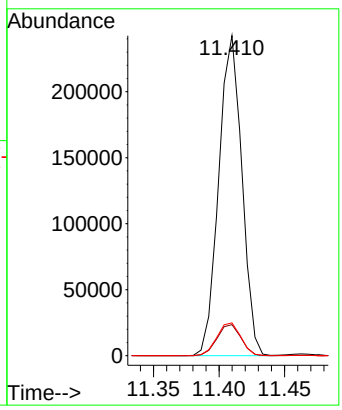


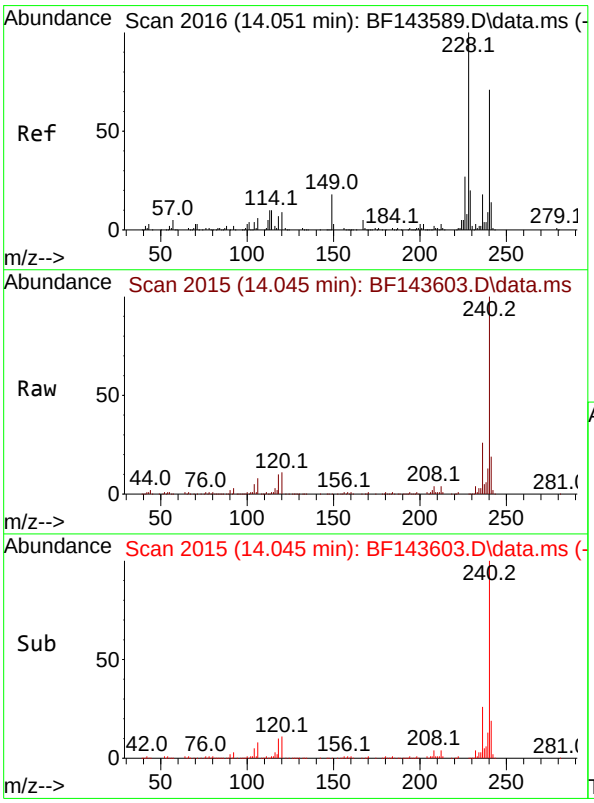
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

Instrument :
BNA_F
ClientSampleId :
MW-18C-082025

Tgt Ion:188 Resp: 297699

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.2	12.4
80	10.2	8.9	13.3

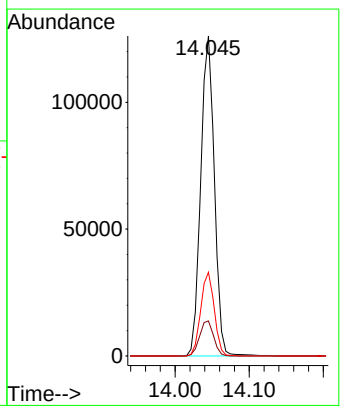


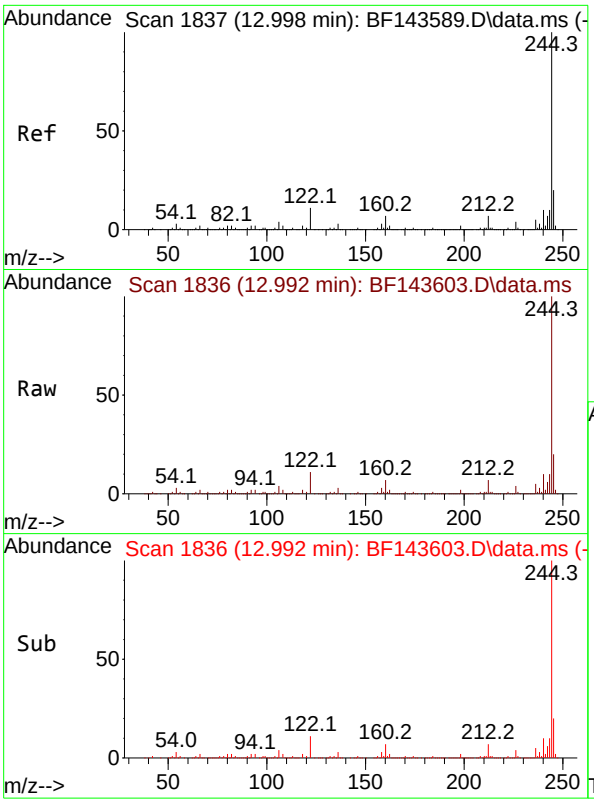


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

Tgt Ion:240 Resp: 161336

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.6	14.4
236	26.2	20.2	30.2



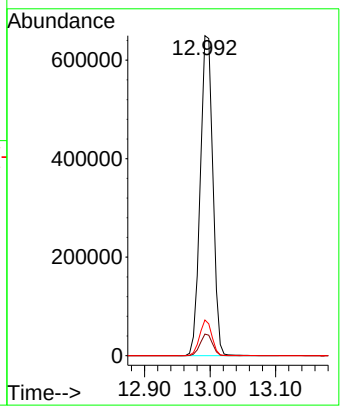


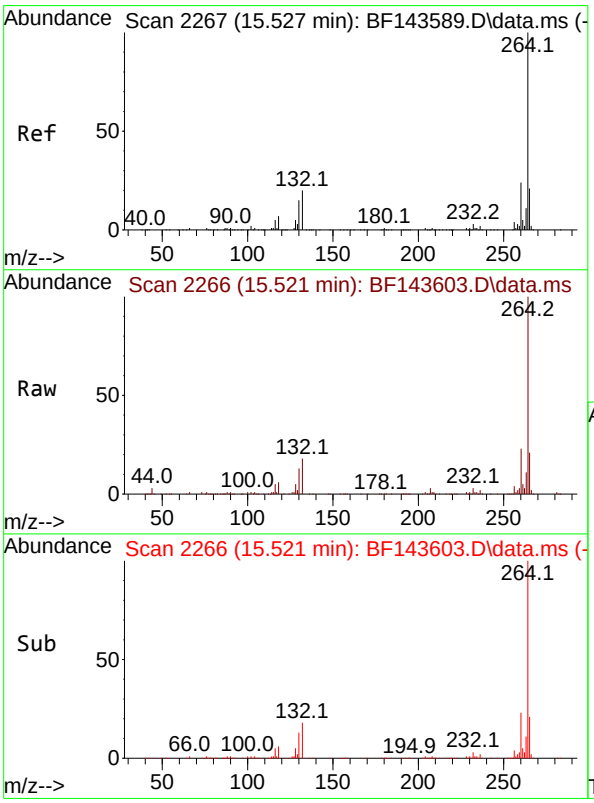
#79
Terphenyl-d14
Concen: 96.886 ng
RT: 12.992 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

Instrument :
BNA_F
ClientSampleId :
MW-18C-082025

Tgt Ion:244 Resp: 871067

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	11.1	8.8	13.2

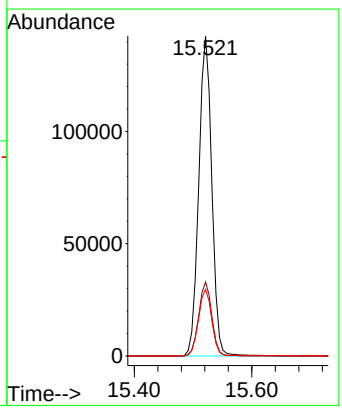




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

Tgt Ion:264 Resp: 218565

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.9	28.3
265	20.8	17.0	25.4



Sample Results: **BF143603.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143603.D
Acq On : 27 Aug 2025 12:52
Operator : RC/JU
Sample : Q2924-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18C-082025

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143603.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.293	11	17	27	rVB2	33551	55548	1.61%	0.325%
2	3.993	300	306	315	rVB	75497	121829	3.54%	0.713%
3	4.640	410	416	420	rBV	28391	40104	1.16%	0.235%
4	5.110	487	496	503	rBV2	108198	181413	5.27%	1.062%
5	5.504	553	563	568	rBV	1168893	1561263	45.32%	9.141%
6	6.498	726	732	737	rBV	764573	953541	27.68%	5.583%
7	6.892	793	799	804	rBV	502824	630196	18.29%	3.690%
8	7.451	882	894	899	rBV	1418161	1957047	56.81%	11.458%
9	8.169	1011	1016	1024	rBV	663840	840835	24.41%	4.923%
10	9.245	1193	1199	1204	rVB	2649134	3444759	100.00%	20.168%
11	9.792	1287	1292	1294	rBV	35619	50110	1.45%	0.293%
12	9.922	1309	1314	1319	rBV	705131	894124	25.96%	5.235%
13	9.969	1319	1322	1326	rVB2	38046	56790	1.65%	0.332%
14	10.639	1430	1436	1442	rBV	74027	102151	2.97%	0.598%
15	10.710	1442	1448	1459	rBV	1388506	1819109	52.81%	10.650%
16	11.410	1562	1567	1572	rBV	597786	740549	21.50%	4.336%
17	11.669	1606	1611	1614	rBV	27804	36169	1.05%	0.212%
18	11.933	1651	1656	1666	rBV2	59525	97377	2.83%	0.570%
19	12.645	1770	1777	1784	rBV	47796	85497	2.48%	0.501%
20	12.716	1784	1789	1798	rVB3	19140	39646	1.15%	0.232%
21	12.992	1831	1836	1842	rBV	1736343	2303036	66.86%	13.483%
22	14.045	2009	2015	2022	rBV	345784	450233	13.07%	2.636%
23	14.910	2157	2162	2168	rBV	37583	51559	1.50%	0.302%
24	15.521	2260	2266	2278	rVB	371129	567796	16.48%	3.324%

Sum of corrected areas: 17080681

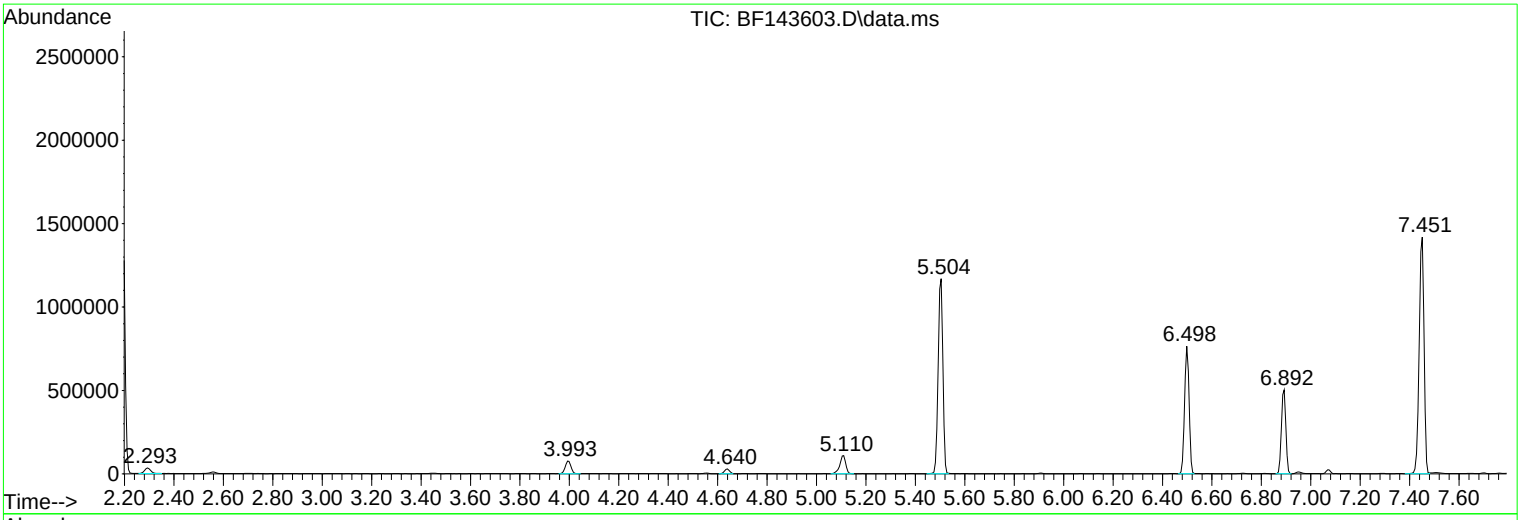
Sample Results: **BF143603.D**

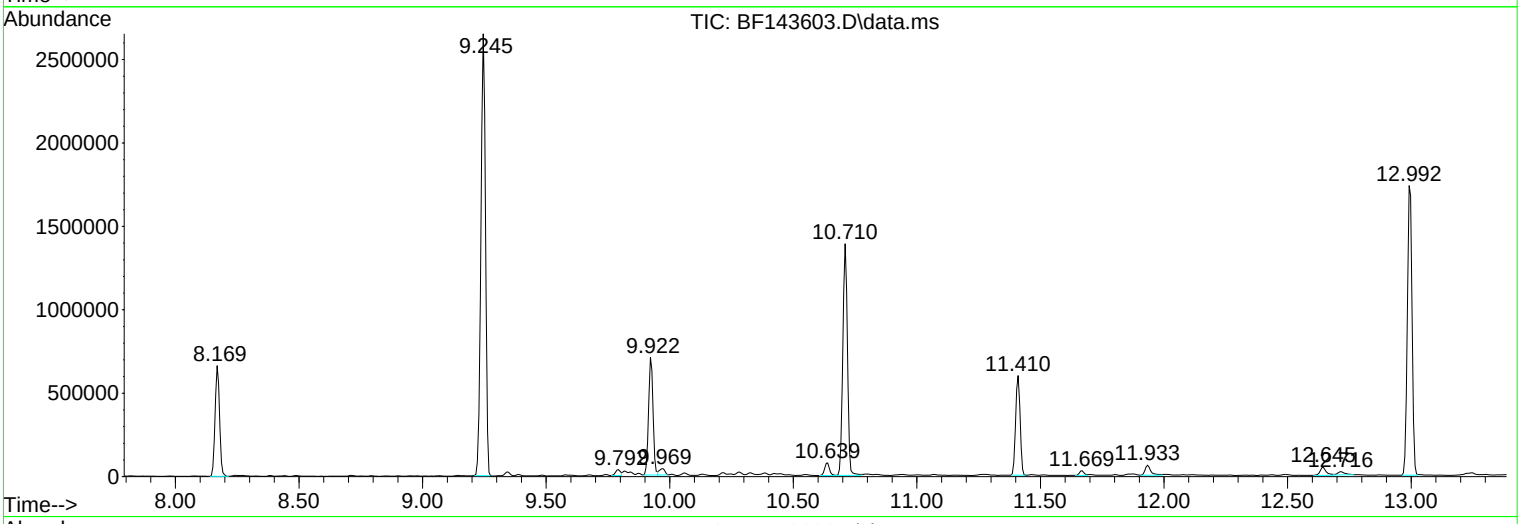
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143603.D
Acq On : 27 Aug 2025 12:52
Operator : RC/JU
Sample : Q2924-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

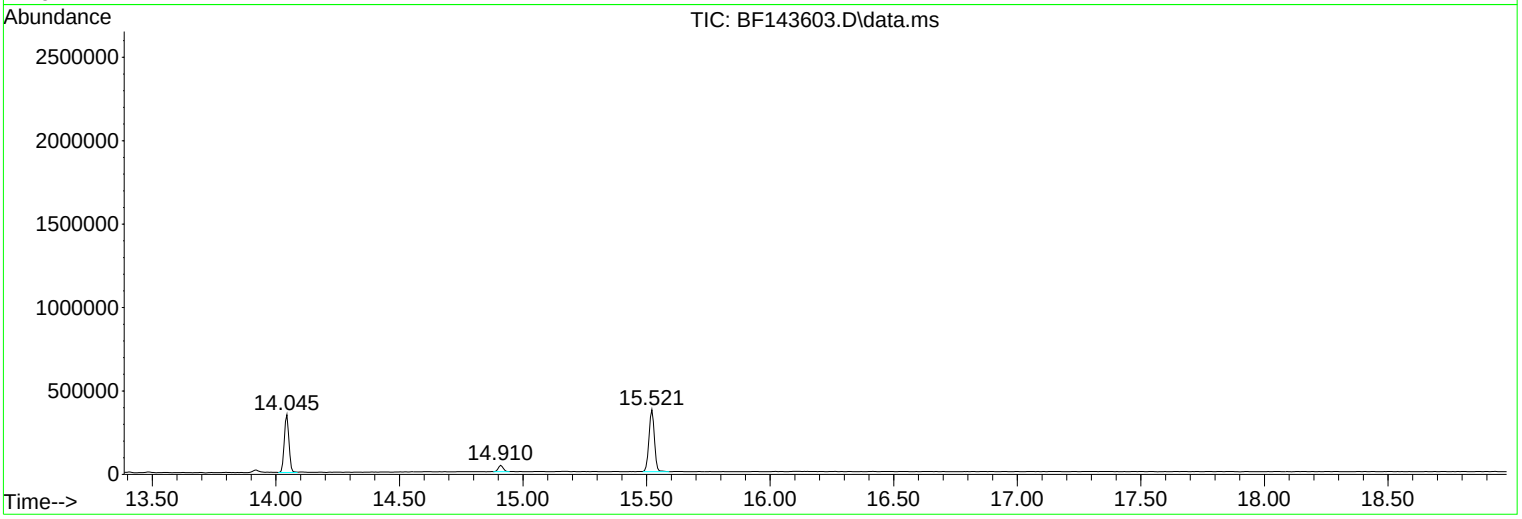
Instrument :
BNA_F
ClientSampleId :
MW-18C-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143603.D
Acq On : 27 Aug 2025 12:52
Operator : RC/JU
Sample : Q2924-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18C-082025

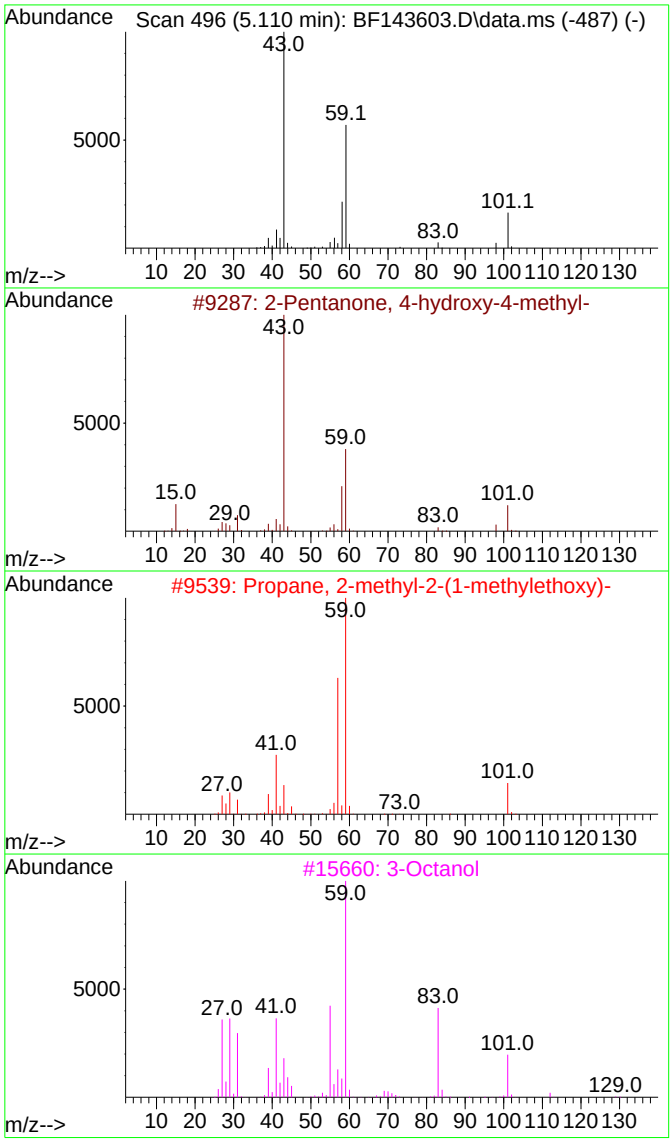
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

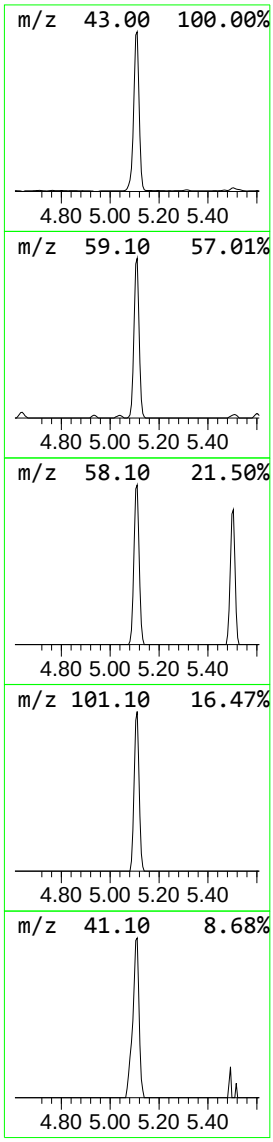
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	5.76 ng	181413	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
3	3-Octanol	130	C8H18O	000589-98-0	28
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





Sample Results: **BF143603.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143603.D
Acq On : 27 Aug 2025 12:52
Operator : RC/JU
Sample : Q2924-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18C-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

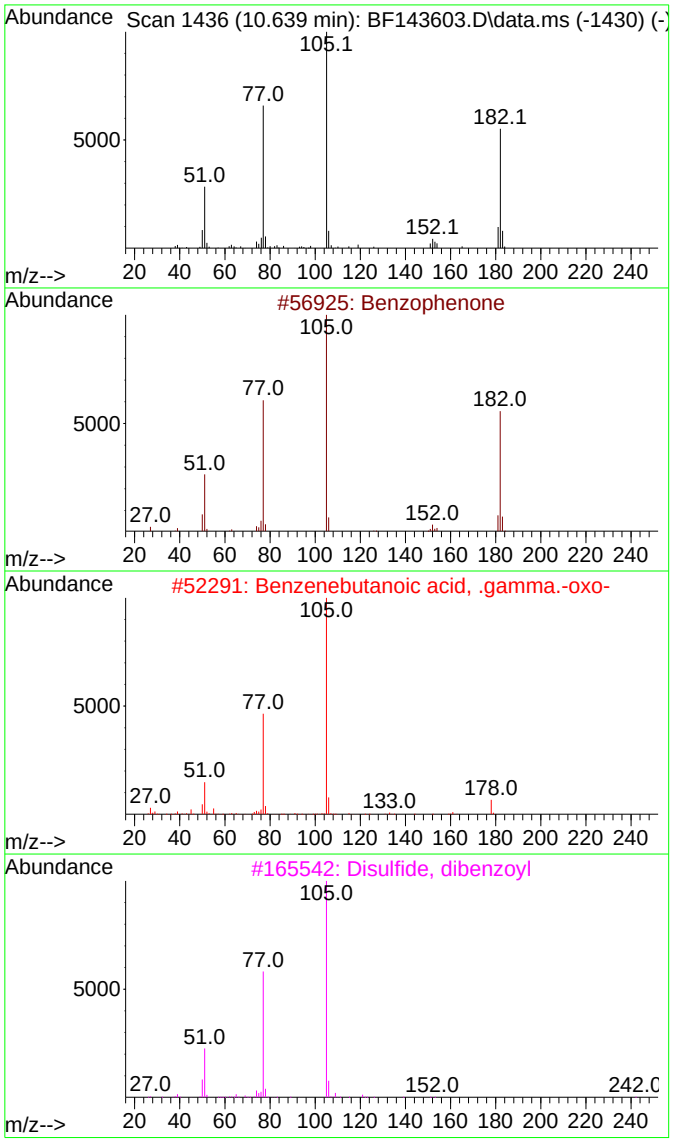
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

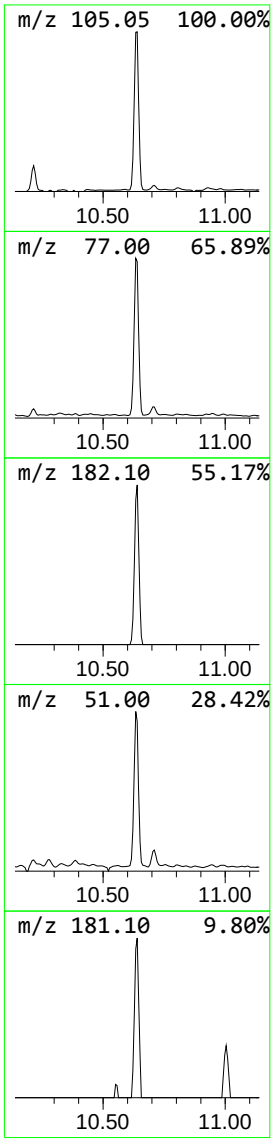
****

Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.639	2.28 ng	102151	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
3	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	47
4	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47
5	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143603.D
Acq On : 27 Aug 2025 12:52
Operator : RC/JU
Sample : Q2924-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18C-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

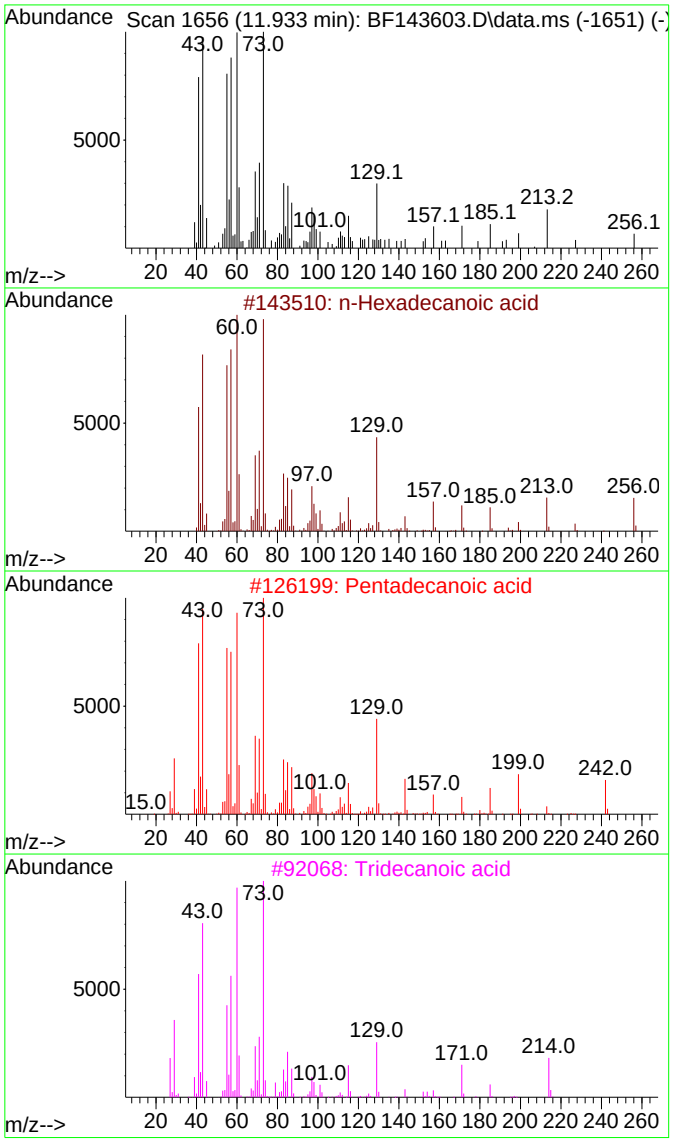
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

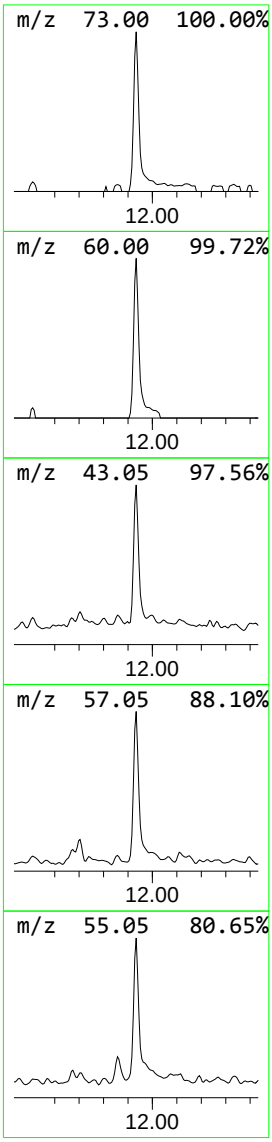
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	2.63 ng	97377	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143603.D
Acq On : 27 Aug 2025 12:52
Operator : RC/JU
Sample : Q2924-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18C-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

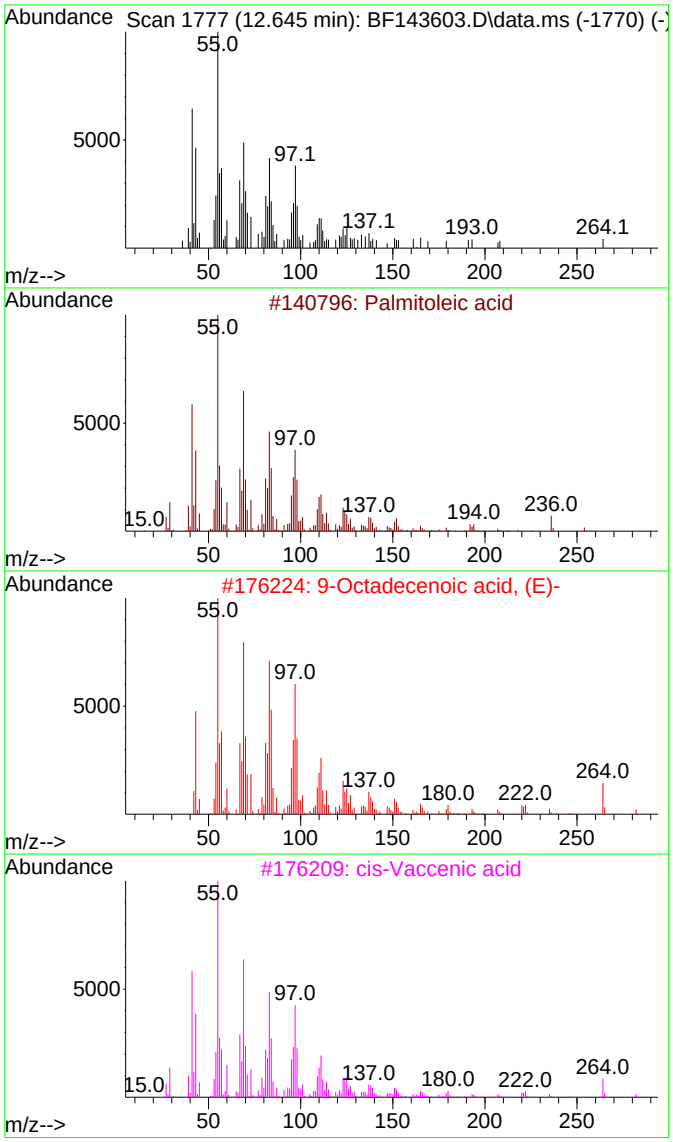
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

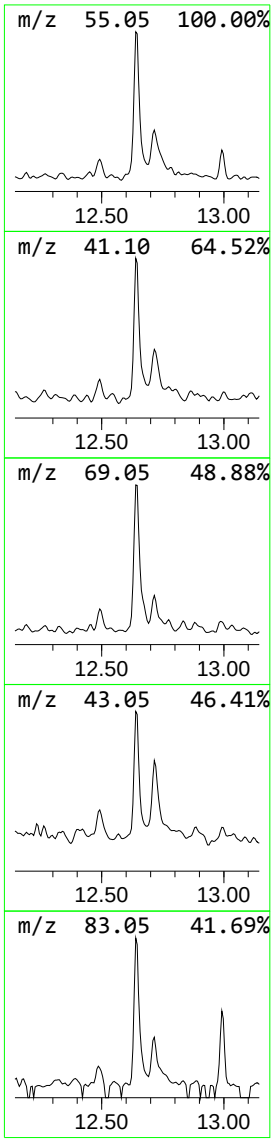
****

Peak Number 5 Palmitoleic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.645	2.31 ng	85497	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Palmitoleic acid	254	C16H30O2	000373-49-9	87
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	86
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	86
4	Z-8-Methyl-9-tetradecenoic acid	240	C15H28O2	1000130-84-5	80
5	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	80





Sample Results: **BF143603.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143603.D
Acq On : 27 Aug 2025 12:52
Operator : RC/JU
Sample : Q2924-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18C-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.110	5.8	ng	181413	1	6.892	630196	20.0
Benzophenone	10.639	2.3	ng	102151	3	9.922	894124	20.0
n-Hexadecanoic ...	11.933	2.6	ng	97377	4	11.410	740549	20.0
Palmitoleic acid	12.645	2.3	ng	85497	4	11.410	740549	20.0

Raw Data: **BP025588.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-16A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-08	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025588.D	1	08/22/25 10:34	08/26/25 16:37	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	11.0	U	4.30	11.0	ug/L
108-95-2	Phenol	5.50	U	1.00	5.50	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.50	U	0.89	5.50	ug/L
95-57-8	2-Chlorophenol	5.50	U	0.64	5.50	ug/L
95-48-7	2-Methylphenol	5.50	U	1.20	5.50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.50	U	1.40	5.50	ug/L
98-86-2	Acetophenone	5.50	U	0.81	5.50	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	1.20	11.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.70	U	1.50	2.70	ug/L
67-72-1	Hexachloroethane	5.50	U	0.71	5.50	ug/L
98-95-3	Nitrobenzene	5.50	U	0.84	5.50	ug/L
78-59-1	Isophorone	5.50	U	0.82	5.50	ug/L
88-75-5	2-Nitrophenol	5.50	U	1.90	5.50	ug/L
105-67-9	2,4-Dimethylphenol	5.50	U	2.00	5.50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.50	U	0.75	5.50	ug/L
120-83-2	2,4-Dichlorophenol	5.50	U	0.57	5.50	ug/L
91-20-3	Naphthalene	5.50	U	0.55	5.50	ug/L
106-47-8	4-Chloroaniline	5.50	U	0.92	5.50	ug/L
87-68-3	Hexachlorobutadiene	5.50	U	0.59	5.50	ug/L
105-60-2	Caprolactam	11.0	U	1.20	11.0	ug/L
59-50-7	4-Chloro-3-methylphenol	5.50	U	0.65	5.50	ug/L
91-57-6	2-Methylnaphthalene	5.50	U	0.62	5.50	ug/L
77-47-4	Hexachlorocyclopentadiene	11.0	U	4.00	11.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.50	U	0.56	5.50	ug/L
95-95-4	2,4,5-Trichlorophenol	5.50	U	0.68	5.50	ug/L
92-52-4	1,1-Biphenyl	5.50	U	0.58	5.50	ug/L
91-58-7	2-Chloronaphthalene	5.50	U	0.67	5.50	ug/L
88-74-4	2-Nitroaniline	5.50	U	1.40	5.50	ug/L
131-11-3	Dimethylphthalate	5.50	U	0.67	5.50	ug/L

Raw Data: **BP025588.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-16A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-08	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025588.D	1	08/22/25 10:34	08/26/25 16:37	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.50	U	0.82	5.50	ug/L
606-20-2	2,6-Dinitrotoluene	5.50	U	1.00	5.50	ug/L
99-09-2	3-Nitroaniline	5.50	U	1.20	5.50	ug/L
83-32-9	Acenaphthene	5.50	U	0.60	5.50	ug/L
51-28-5	2,4-Dinitrophenol	11.0	U	6.60	11.0	ug/L
100-02-7	4-Nitrophenol	11.0	U	2.60	11.0	ug/L
132-64-9	Dibenzofuran	5.50	U	0.67	5.50	ug/L
121-14-2	2,4-Dinitrotoluene	5.50	U	1.30	5.50	ug/L
84-66-2	Diethylphthalate	5.50	U	0.76	5.50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.50	U	0.75	5.50	ug/L
86-73-7	Fluorene	5.50	U	0.69	5.50	ug/L
100-01-6	4-Nitroaniline	5.50	U	1.60	5.50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	11.0	U	3.20	11.0	ug/L
86-30-6	n-Nitrosodiphenylamine	5.50	U	0.64	5.50	ug/L
101-55-3	4-Bromophenyl-phenylether	5.50	U	0.44	5.50	ug/L
118-74-1	Hexachlorobenzene	5.50	U	0.57	5.50	ug/L
1912-24-9	Atrazine	5.50	U	1.10	5.50	ug/L
87-86-5	Pentachlorophenol	11.0	U	1.70	11.0	ug/L
85-01-8	Phenanthrene	5.50	U	0.55	5.50	ug/L
120-12-7	Anthracene	5.50	U	0.67	5.50	ug/L
86-74-8	Carbazole	5.50	U	0.79	5.50	ug/L
84-74-2	Di-n-butylphthalate	5.50	U	1.30	5.50	ug/L
206-44-0	Fluoranthene	5.50	U	0.90	5.50	ug/L
129-00-0	Pyrene	5.50	U	0.55	5.50	ug/L
85-68-7	Butylbenzylphthalate	5.50	U	2.10	5.50	ug/L
91-94-1	3,3-Dichlorobenzidine	11.0	U	1.00	11.0	ug/L
56-55-3	Benzo(a)anthracene	5.50	U	0.49	5.50	ug/L
218-01-9	Chrysene	5.50	U	0.48	5.50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.50	U	1.80	5.50	ug/L
117-84-0	Di-n-octyl phthalate	11.0	U	2.60	11.0	ug/L
205-99-2	Benzo(b)fluoranthene	5.50	U	0.54	5.50	ug/L

Raw Data: **BP025588.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-16A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-08	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025588.D	1	08/22/25 10:34	08/26/25 16:37	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.50	U	0.53	5.50	ug/L
50-32-8	Benzo(a)pyrene	5.50	U	0.60	5.50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.50	U	0.65	5.50	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.50	U	0.74	5.50	ug/L
191-24-2	Benzo(g,h,i)perylene	5.50	U	0.76	5.50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.50	U	0.57	5.50	ug/L
123-91-1	1,4-Dioxane	5.50	U	1.10	5.50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.50	U	0.79	5.50	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	59.0		23 - 138	39%	SPK: 150
13127-88-3	Phenol-d6	34.9		10 - 134	23%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.0		67 - 132	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.7		52 - 132	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	145		44 - 137	97%	SPK: 150
1718-51-0	Terphenyl-d14	72.4		42 - 152	72%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	195000	7.778			
1146-65-2	Naphthalene-d8	751000	10.549			
15067-26-2	Acenaphthene-d10	492000	14.389			
1517-22-2	Phenanthrene-d10	1020000	17.195			
1719-03-5	Chrysene-d12	1120000	21.642			
1520-96-3	Perylene-d12	1310000	25.018			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J		3.03	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.60	AB		4.94	ug/L
000057-10-3	n-Hexadecanoic acid	5.20	J		18.1	ug/L
013126-39-1	cis-13-Octadecenoic acid	7.30	J		19.3	ug/L

Raw Data: **BP025588.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-16A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-08	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025588.D	1	08/22/25 10:34	08/26/25 16:37	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Sample Results: **BP025588.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025588.D
Acq On : 26 Aug 2025 16:37
Operator : CG/JU
Sample : Q2924-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-16A-082025

Quant Time: Aug 26 17:07:25 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	7.778	152	194953	20.000	ng	-0.02
21) Naphthalene-d8	10.549	136	750992	20.000	ng	-0.01
39) Acenaphthene-d10	14.389	164	492017	20.000	ng	-0.02
64) Phenanthrene-d10	17.195	188	1024755	20.000	ng	0.00
76) Chrysene-d12	21.642	240	1121355	20.000	ng	0.00
86) Perylene-d12	25.018	264	1313745	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	692540	58.994	ng	0.00
7) Phenol-d6	6.972	99	524828	34.871	ng	0.00
23) Nitrobenzene-d5	8.919	82	1247367	84.020	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	962973	145.407	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	2795592	77.654	ng	-0.02
79) Terphenyl-d14	19.913	244	4437417	72.400	ng	0.00
Target Compounds						Qvalue

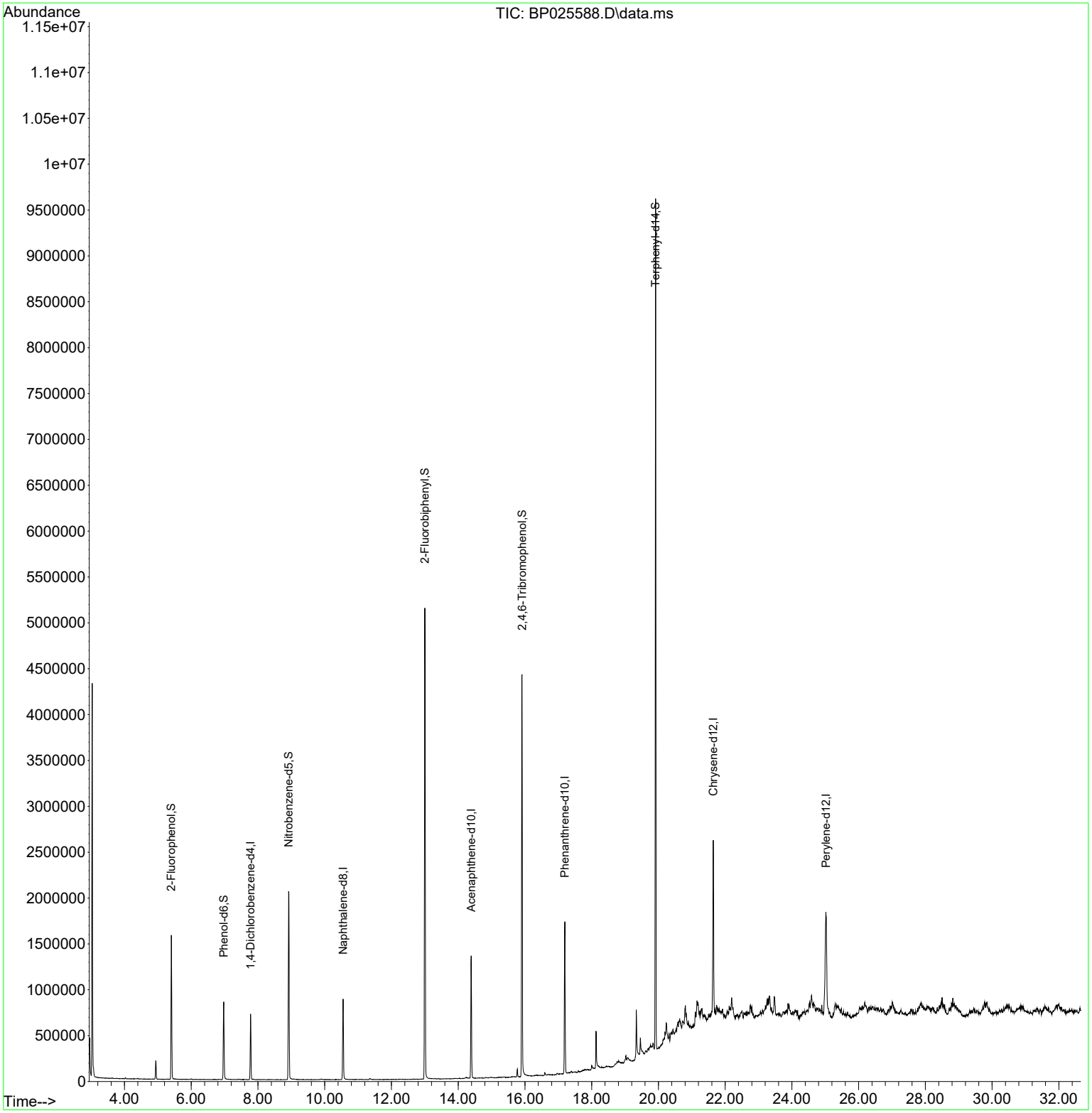
(#) = qualifier out of range (m) = manual integration (+) = signals summed

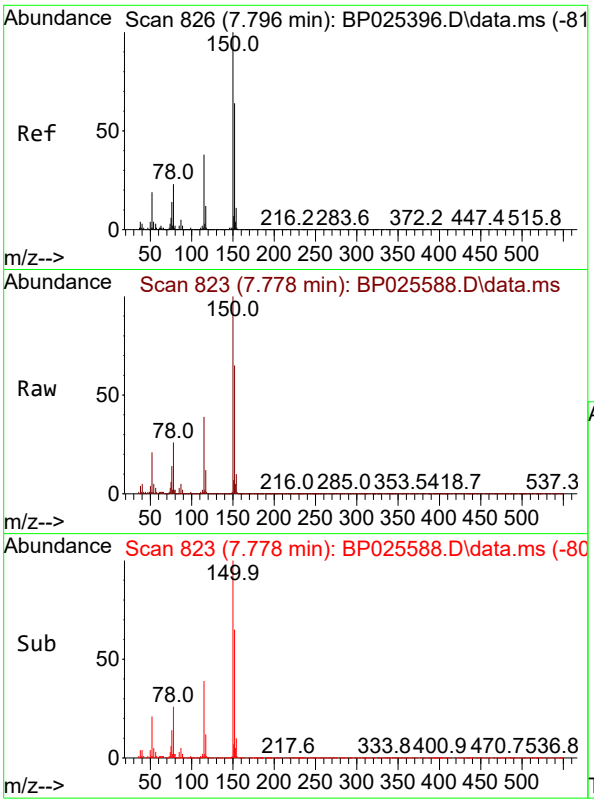
Sample Results: **BP025588.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025588.D
Acq On : 26 Aug 2025 16:37
Operator : CG/JU
Sample : Q2924-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-16A-082025

Quant Time: Aug 26 17:07:25 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



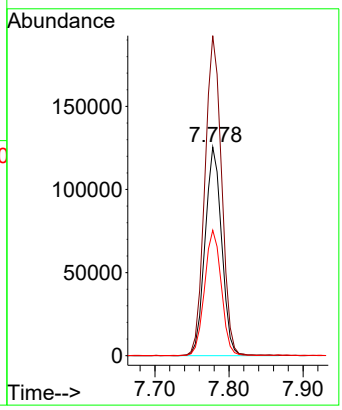


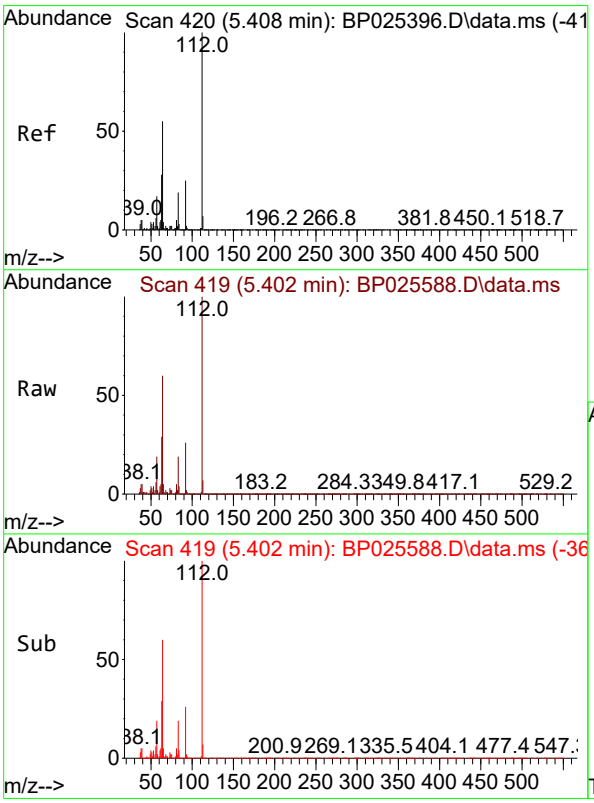
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025588.D
Acq: 26 Aug 2025 16:37

Instrument :
BNA_P
ClientSampleId :
MW-16A-082025

Tgt Ion:152 Resp: 194953

Ion	Ratio	Lower	Upper
152	100		
150	153.3	125.9	188.9
115	60.1	48.5	72.7

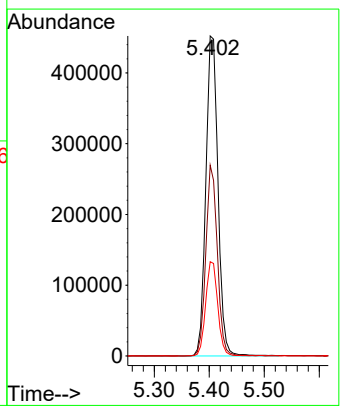


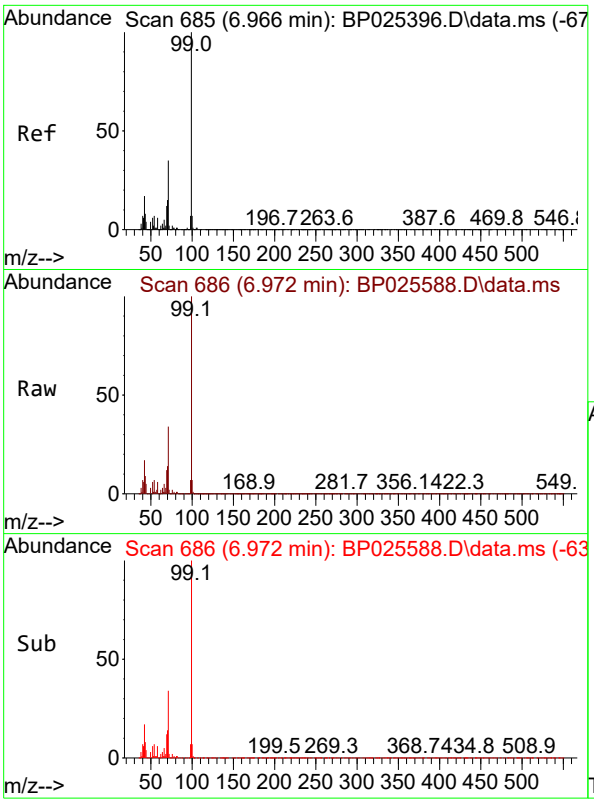


#5
2-Fluorophenol
Concen: 58.994 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025588.D
Acq: 26 Aug 2025 16:37

Tgt Ion:112 Resp: 692540

Ion	Ratio	Lower	Upper
112	100		
64	59.6	43.8	65.8
63	29.5	22.7	34.1



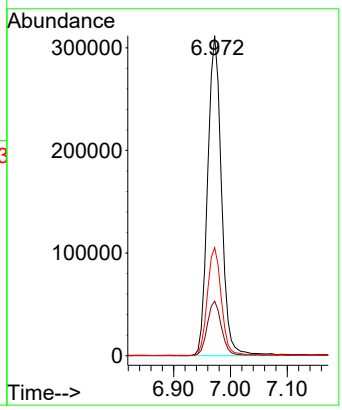


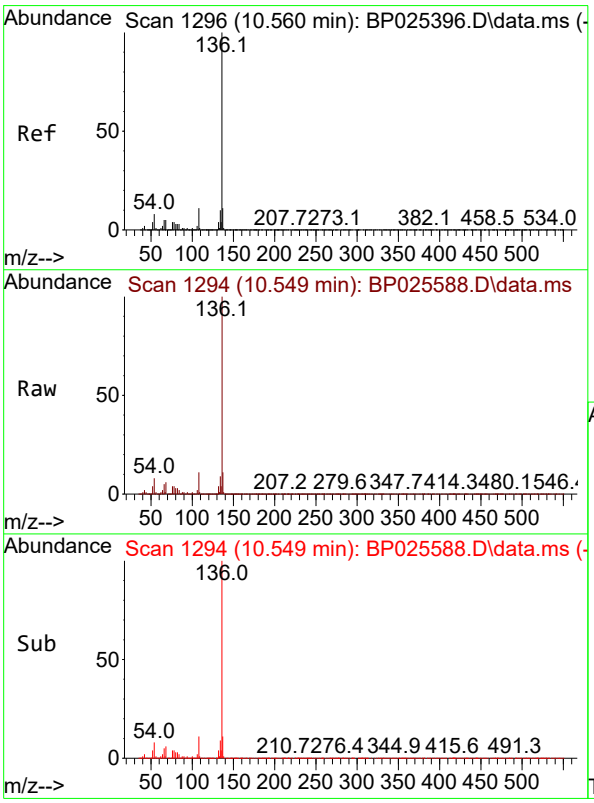
#7
Phenol-d6
Concen: 34.871 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025588.D
Acq: 26 Aug 2025 16:37

Instrument :
BNA_P
ClientSampleId :
MW-16A-082025

Tgt Ion: 99 Resp: 524828

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.7	20.5
71	33.7	28.2	42.4

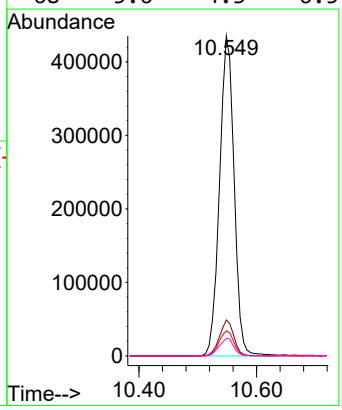


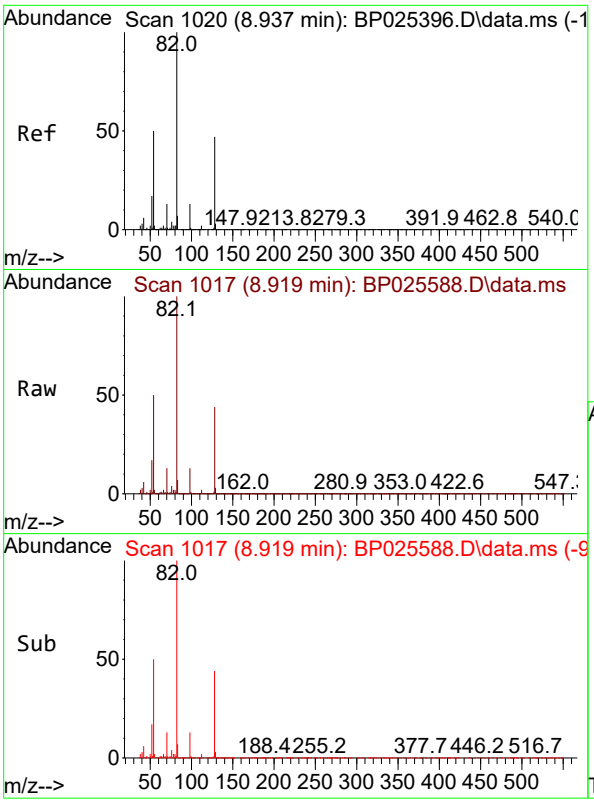


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.549 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BP025588.D
Acq: 26 Aug 2025 16:37

Tgt Ion:136 Resp: 750992

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	7.9	6.0	9.0
68	5.6	4.3	6.5



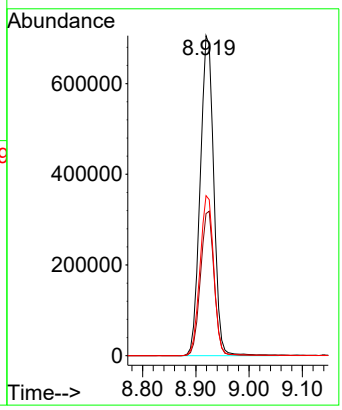


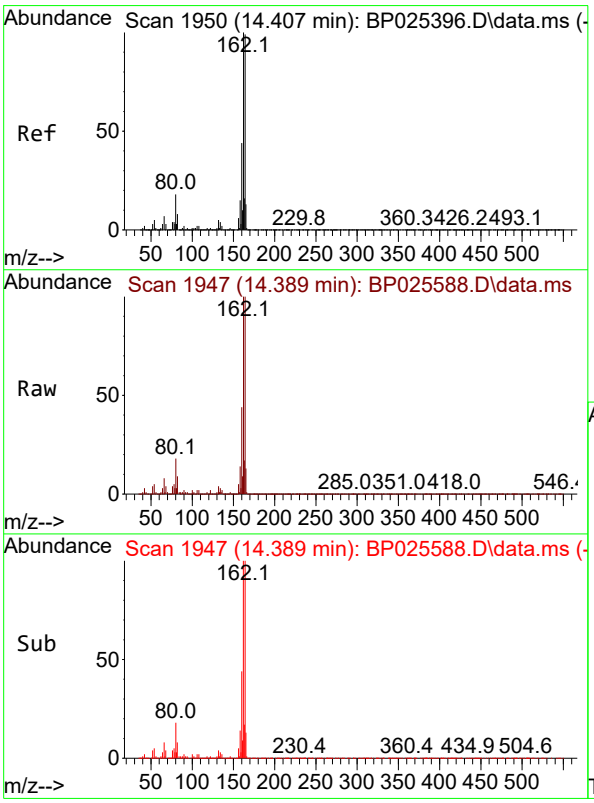
#23
Nitrobenzene-d5
Concen: 84.020 ng
RT: 8.919 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025588.D
Acq: 26 Aug 2025 16:37

Instrument :
BNA_P
ClientSampleId :
MW-16A-082025

Tgt Ion: 82 Resp: 1247367

Ion	Ratio	Lower	Upper
82	100		
128	44.4	37.7	56.5
54	50.0	39.8	59.6

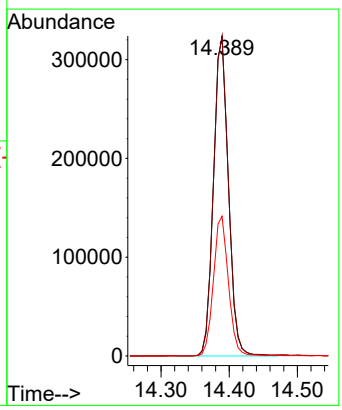


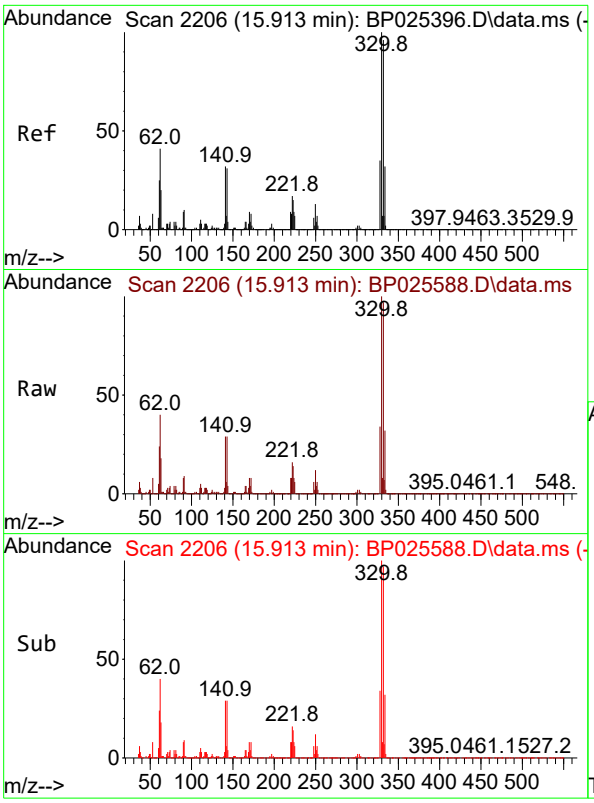


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025588.D
Acq: 26 Aug 2025 16:37

Tgt Ion:164 Resp: 492017

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.0	121.6
160	43.8	35.4	53.2



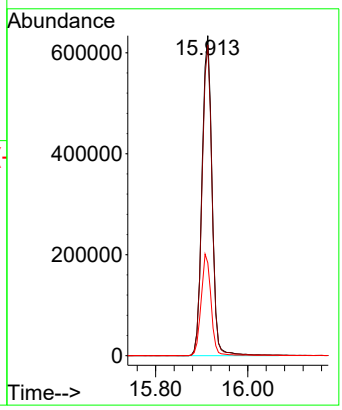


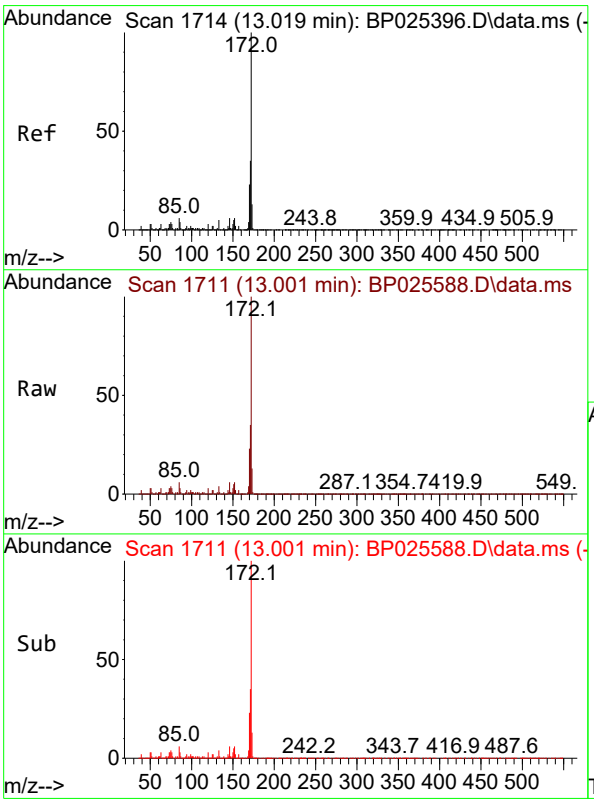
#42
2,4,6-Tribromophenol
Concen: 145.407 ng
RT: 15.913 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025588.D
Acq: 26 Aug 2025 16:37

Instrument :
BNA_P
ClientSampleId :
MW-16A-082025

Tgt Ion:330 Resp: 962973

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	31.3	26.6	39.8

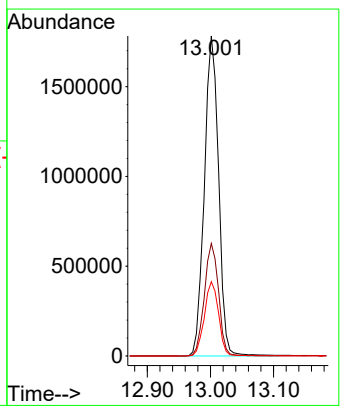


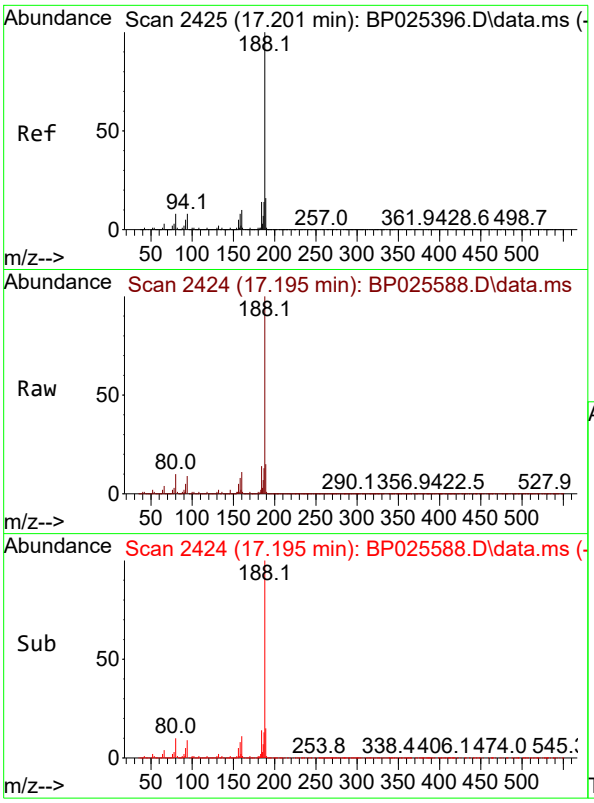


#45
2-Fluorobiphenyl
Concen: 77.654 ng
RT: 13.001 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BP025588.D
Acq: 26 Aug 2025 16:37

Tgt Ion:172 Resp: 2795592

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



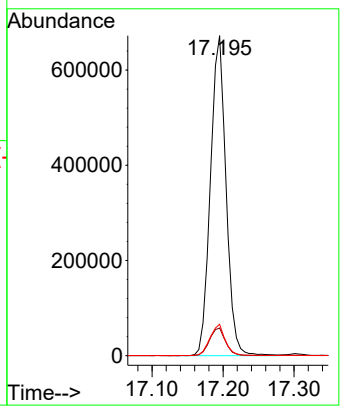


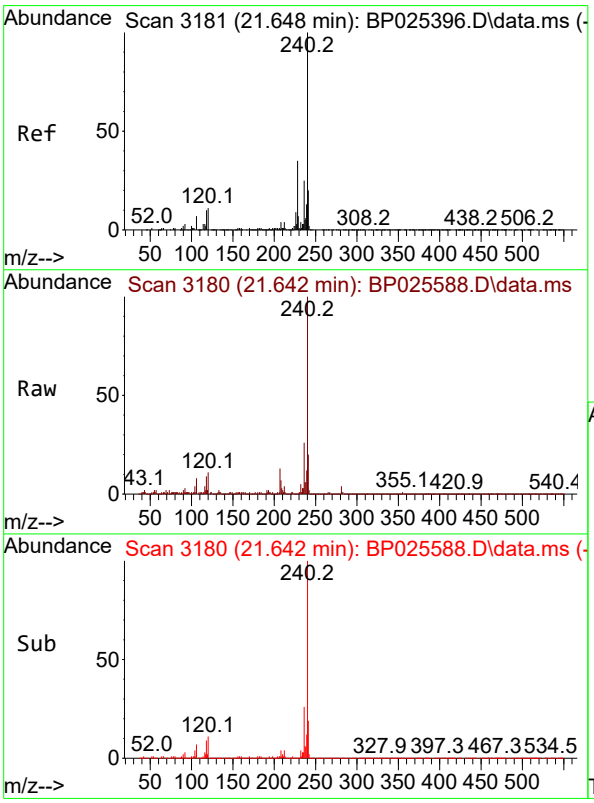
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025588.D
Acq: 26 Aug 2025 16:37

Instrument :
BNA_P
ClientSampleId :
MW-16A-082025

Tgt Ion:188 Resp: 1024755

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.6	10.0
80	9.8	6.7	10.1

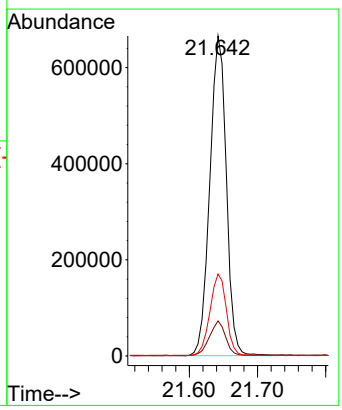


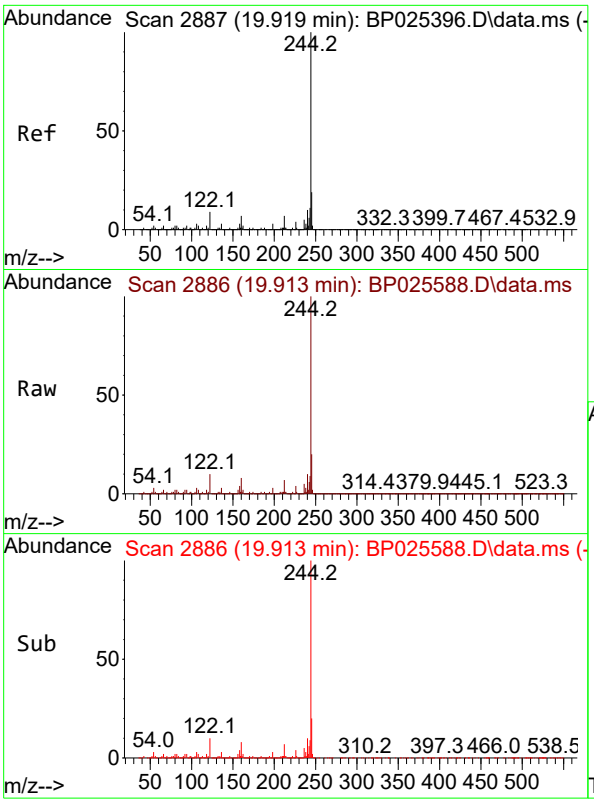


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025588.D
Acq: 26 Aug 2025 16:37

Tgt Ion:240 Resp: 1121355

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.9	13.3
236	25.6	19.8	29.8



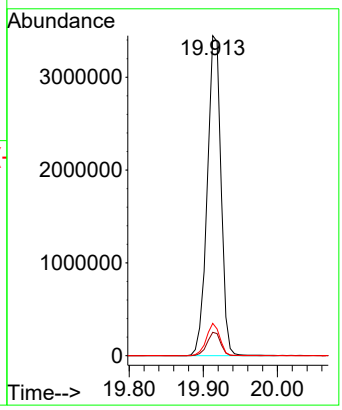


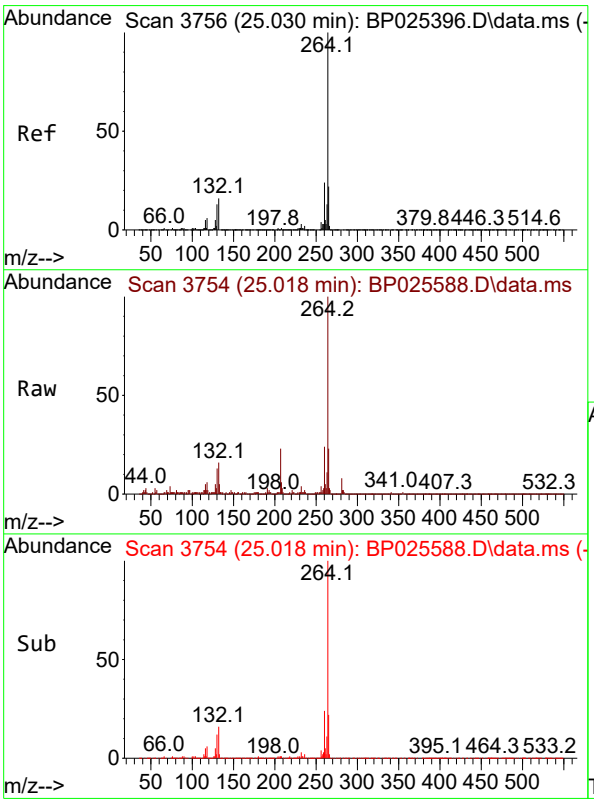
#79
Terphenyl-d14
Concen: 72.400 ng
RT: 19.913 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025588.D
Acq: 26 Aug 2025 16:37

Instrument :
BNA_P
ClientSampleId :
MW-16A-082025

Tgt Ion:244 Resp: 4437417

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	10.1	7.4	11.2

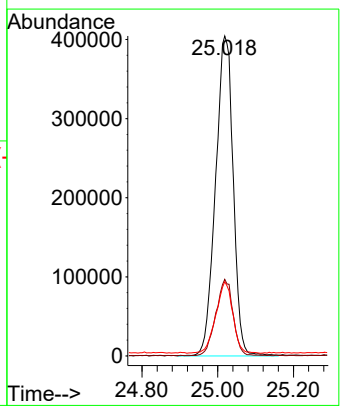




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.018 min Scan# 3754
Delta R.T. -0.012 min
Lab File: BP025588.D
Acq: 26 Aug 2025 16:37

Tgt Ion:264 Resp: 1313745

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	23.2	17.4	26.0



Sample Results: **BP025588.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025588.D
Acq On : 26 Aug 2025 16:37
Operator : CG/JU
Sample : Q2924-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-16A-082025

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: BP025588.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	35	rVB	4293229	5362907	45.34%	9.644%
2	4.937	334	340	347	rBV2	201080	284169	2.40%	0.511%
3	5.402	413	419	428	rBV	1569740	2348185	19.85%	4.223%
4	6.972	677	686	697	rBV	847029	1445562	12.22%	2.600%
5	7.778	815	823	831	rBV	715609	1117215	9.44%	2.009%
6	8.919	1009	1017	1031	rBV	2052516	3666777	31.00%	6.594%
7	10.549	1286	1294	1307	rBV	878263	1531382	12.95%	2.754%
8	13.001	1704	1711	1731	rBV	5135545	8087564	68.37%	14.544%
9	14.389	1940	1947	1955	rBV	1332029	2040632	17.25%	3.670%
10	15.772	2177	2182	2189	rVB	85995	122712	1.04%	0.221%
11	15.913	2199	2206	2222	rBV	4384905	6967360	58.90%	12.530%
12	17.195	2417	2424	2436	rBV	1659170	2538601	21.46%	4.565%
13	18.130	2579	2583	2594	rBV	399728	599797	5.07%	1.079%
14	19.336	2784	2788	2802	rBV	512168	847269	7.16%	1.524%
15	19.460	2805	2809	2812	rBV	177949	241932	2.05%	0.435%
16	19.913	2880	2886	2894	rBV	9271909	11829210	100.00%	21.273%
17	21.642	3174	3180	3188	rVB2	1884555	3153654	26.66%	5.671%
18	25.018	3748	3754	3770	rVB3	1103972	3421278	28.92%	6.153%

Sum of corrected areas: 55606206

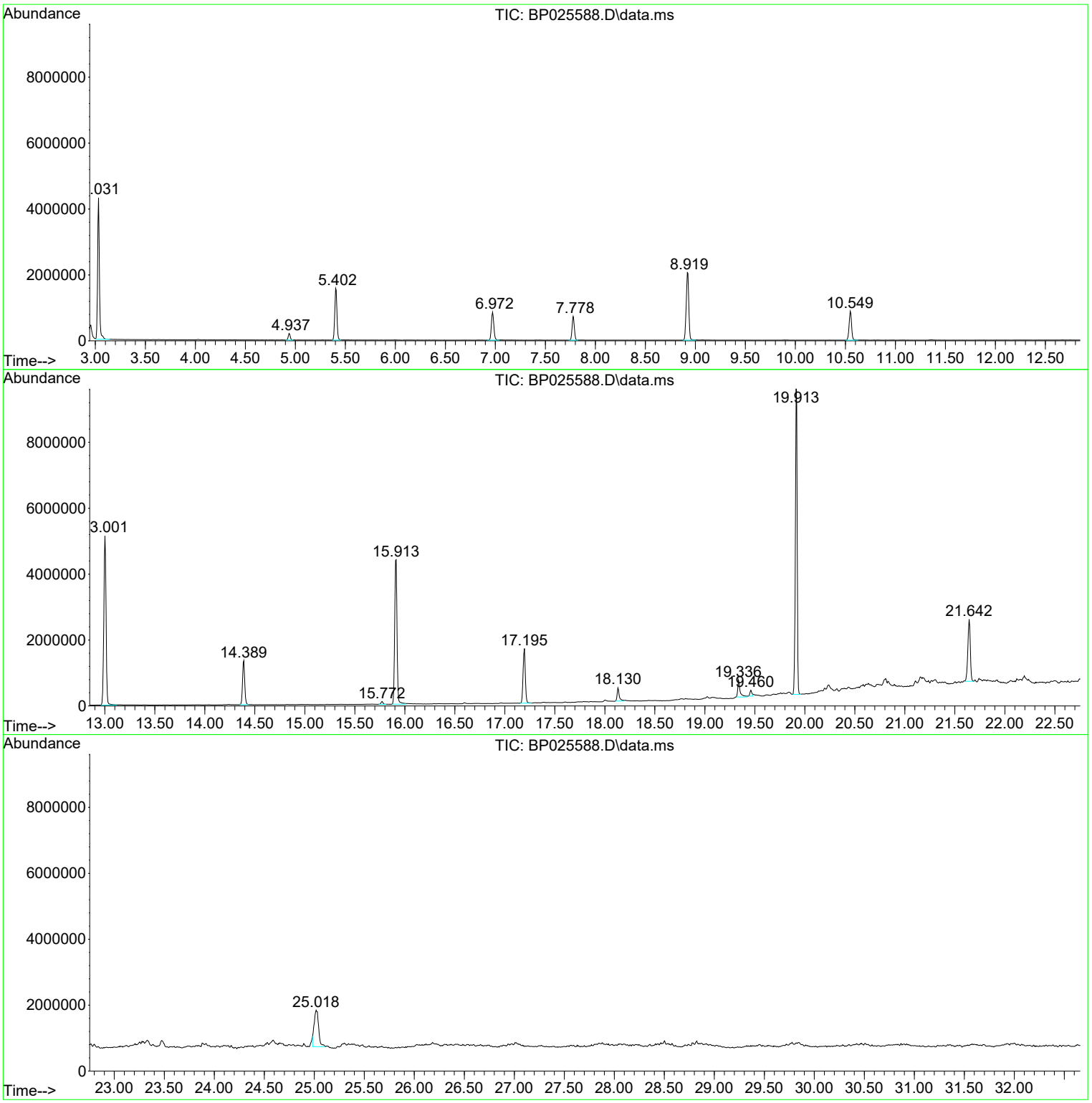
Sample Results: **BP025588.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025588.D
Acq On : 26 Aug 2025 16:37
Operator : CG/JU
Sample : Q2924-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-16A-082025

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 : BP025588.D
Acq On : 26 Aug 2025 16:37
Operator : CG/JU
Sample : Q2924-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-16A-082025

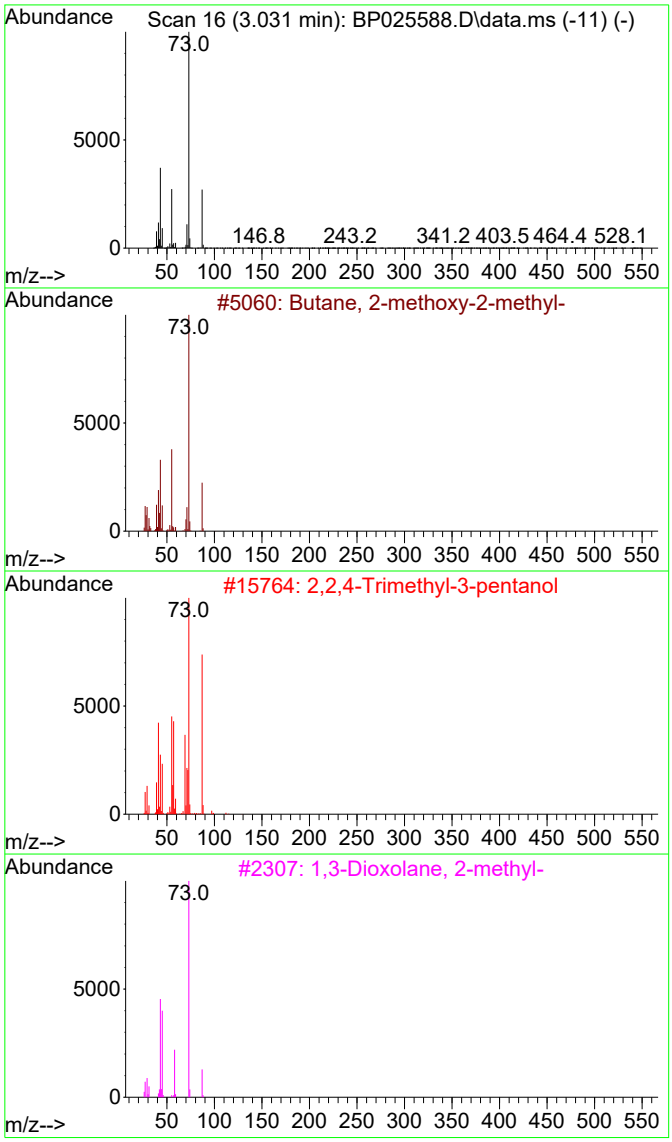
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

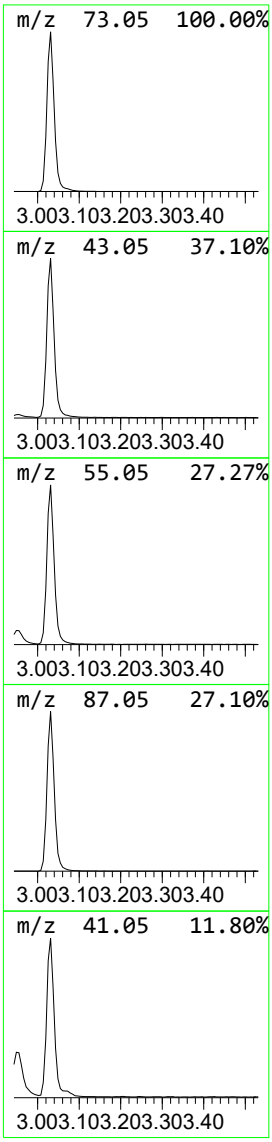
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.031	96.00 ng	5362910	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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025588.D
Acq On : 26 Aug 2025 16:37
Operator : CG/JU
Sample : Q2924-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-16A-082025

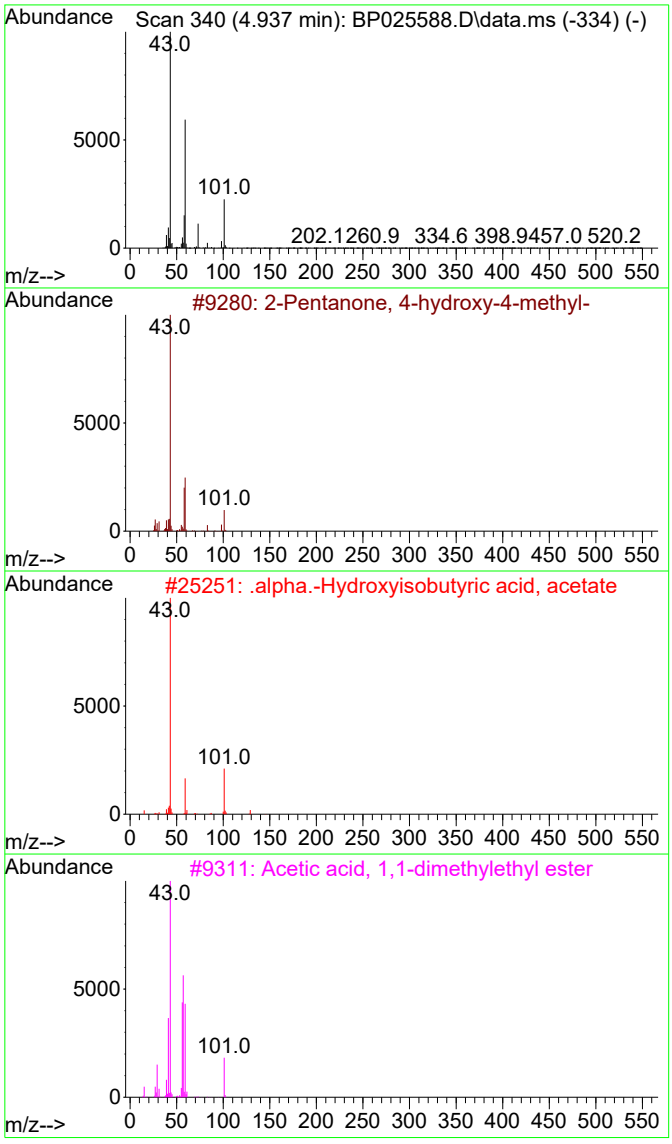
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

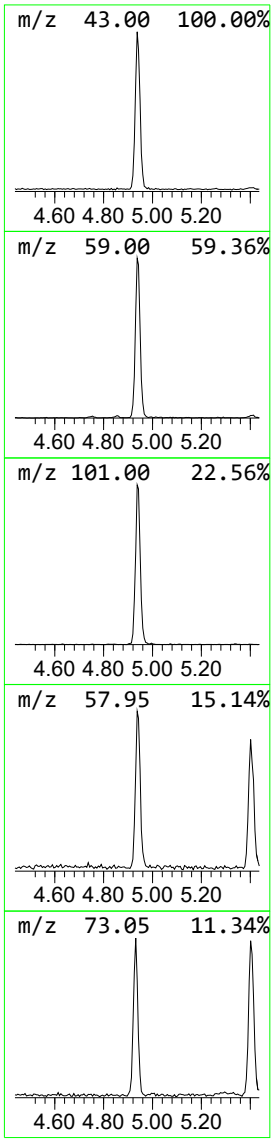
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.937	5.09 ng	284169	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	45
2	.alpha.-Hydroxyisobutyric acid, ...	146	C6H10O4	1000374-31-3	42
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	17
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025588.D
Acq On : 26 Aug 2025 16:37
Operator : CG/JU
Sample : Q2924-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-16A-082025

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

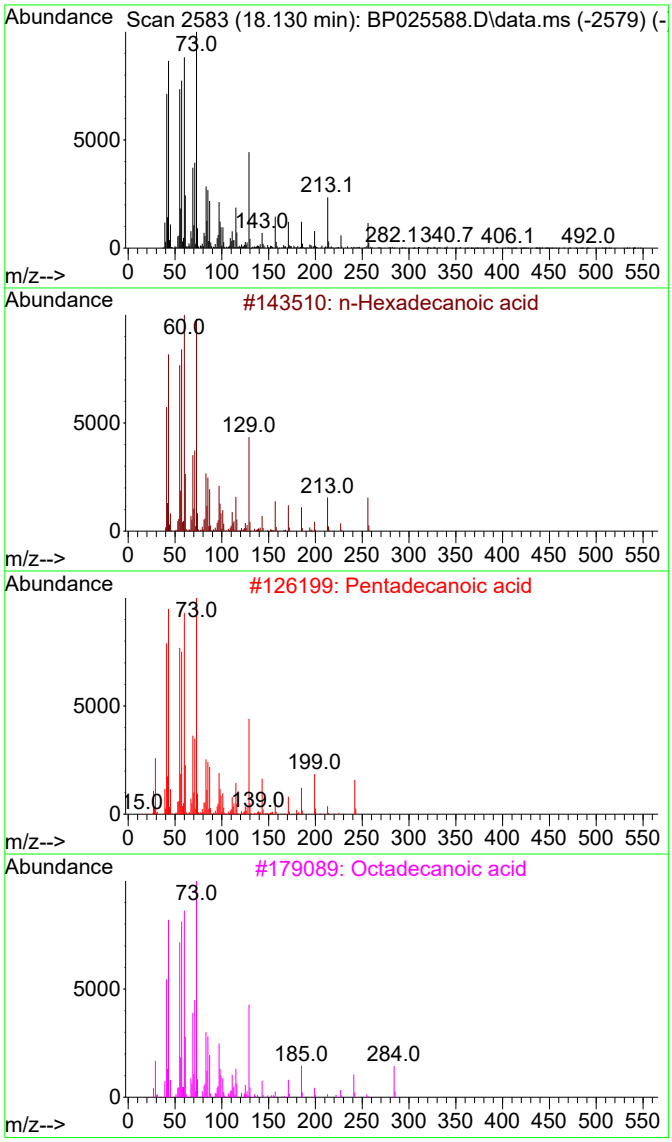
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

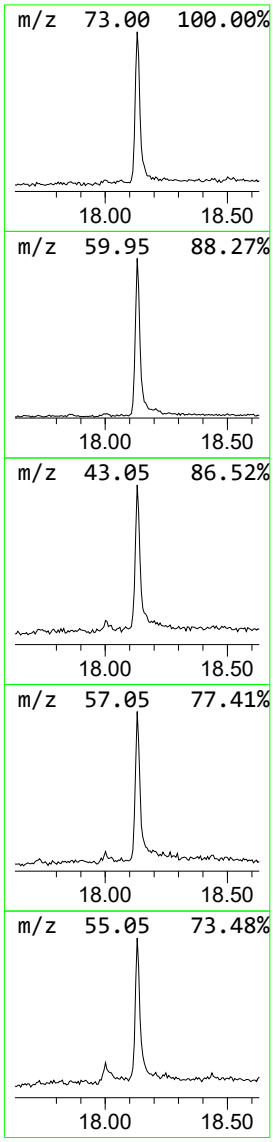
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.131	4.73 ng	599797	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	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	Tridecanoic acid	214	C13H26O2	000638-53-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025588.D
Acq On : 26 Aug 2025 16:37
Operator : CG/JU
Sample : Q2924-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-16A-082025

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

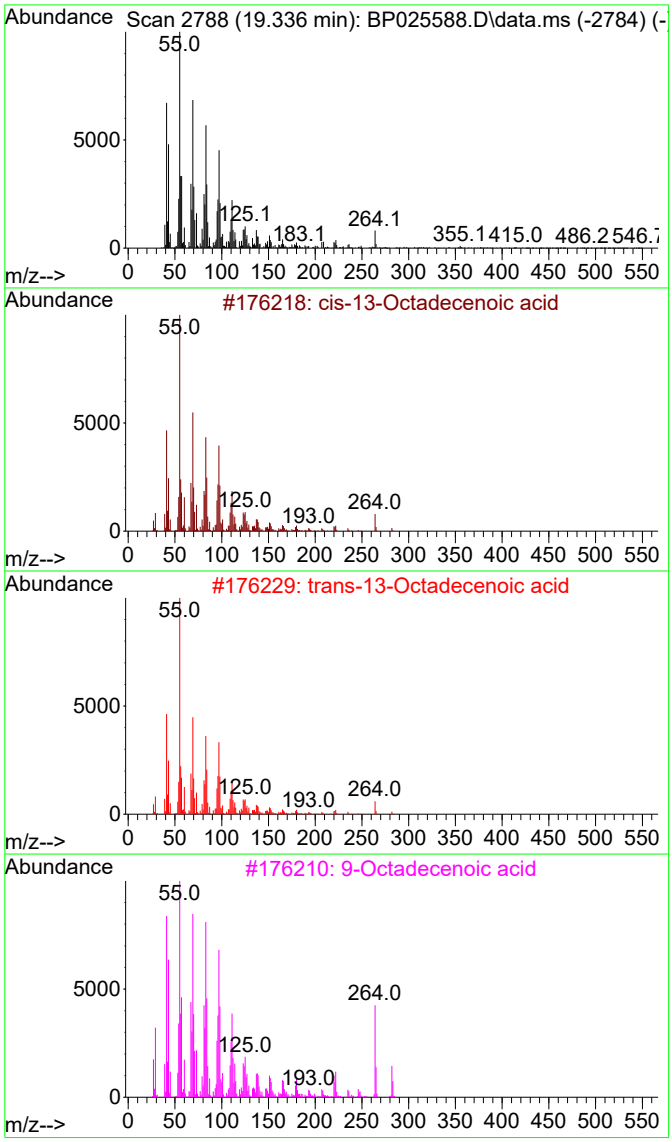
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

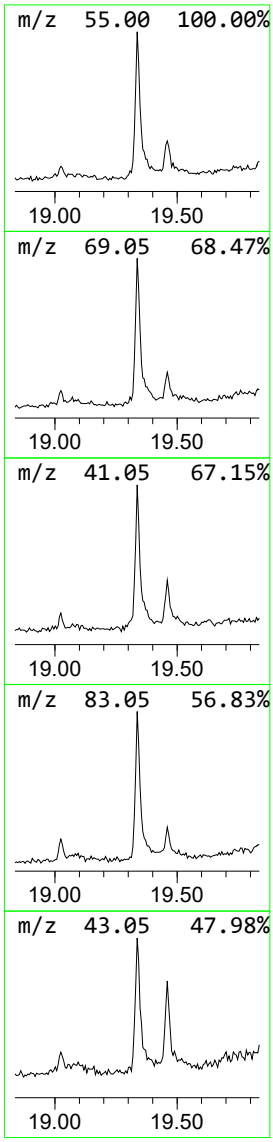
****

Peak Number 4 cis-13-Octadecenoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.336	6.68 ng	847269	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	94
2	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	91
3	9-Octadecenoic acid	282	C18H34O2	002027-47-6	91
4	Oleic Acid	282	C18H34O2	000112-80-1	91
5	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	91





Sample Results: **BP025588.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025588.D
Acq On : 26 Aug 2025 16:37
Operator : CG/JU
Sample : Q2924-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-16A-082025

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	96.0	ng	5362910	1	7.778	1117220	20.0
2-Pentanone, 4-...	4.937	5.1	ng	284169	1	7.778	1117220	20.0
n-Hexadecanoic ...	18.131	4.7	ng	599797	4	17.195	2538600	20.0
cis-13-Octadece...	19.336	6.7	ng	847269	4	17.195	2538600	20.0

Raw Data: **BP025589.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-16C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-09	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025589.D	1	08/22/25 10:34	08/26/25 17:18	PB169362

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

Raw Data: **BP025589.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-16C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-09	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025589.D	1	08/22/25 10:34	08/26/25 17:18	PB169362

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

Raw Data: **BP025589.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-16C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-09	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025589.D	1	08/22/25 10:34	08/26/25 17:18	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.30	U	0.51	5.30	ug/L
50-32-8	Benzo(a)pyrene	5.30	U	0.59	5.30	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.30	U	0.63	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.30	U	0.71	5.30	ug/L
191-24-2	Benzo(g,h,i)perylene	5.30	U	0.73	5.30	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.30	U	0.55	5.30	ug/L
123-91-1	1,4-Dioxane	5.30	U	1.10	5.30	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.30	U	0.77	5.30	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	64.9		23 - 138	43%	SPK: 150
13127-88-3	Phenol-d6	39.6		10 - 134	26%	SPK: 150
4165-60-0	Nitrobenzene-d5	83.7		67 - 132	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.7		52 - 132	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	141		44 - 137	94%	SPK: 150
1718-51-0	Terphenyl-d14	76.3		42 - 152	76%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	201000	7.772			
1146-65-2	Naphthalene-d8	791000	10.549			
15067-26-2	Acenaphthene-d10	502000	14.395			
1517-22-2	Phenanthrene-d10	1000000	17.195			
1719-03-5	Chrysene-d12	1070000	21.63			
1520-96-3	Perylene-d12	1230000	25.007			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J		3.03	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.30	AB		4.94	ug/L
000617-94-7	Benzenemethanol, .alpha.,.alpha.-d	2.90	J		8.87	ug/L
1010189-31-0	2,3,4,5,6,7-Hexahydro-1H-cyclopent	2.60	J		10.6	ug/L
215057-28-6	3-(2,3-Dihydro-1-benzofuran-5-yl)p	3.90	J		11.1	ug/L
006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethy	2.90	J		11.5	ug/L
000057-10-3	n-Hexadecanoic acid	4.00	J		18.1	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-16C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-09	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025589.D	1	08/22/25 10:34	08/26/25 17:18	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000112-86-7	Erucic acid	2.70	J		19.3	ug/L

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\BP082625\
Data File : BP025589.D
Acq On : 26 Aug 2025 17:18
Operator : CG/JU
Sample : Q2924-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-16C-082025

Quant Time: Aug 26 17:52:13 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	200652	20.000	ng	-0.02
21) Naphthalene-d8	10.549	136	790738	20.000	ng	-0.01
39) Acenaphthene-d10	14.395	164	502369	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	1002259	20.000	ng	0.00
76) Chrysene-d12	21.630	240	1066647	20.000	ng	-0.02
86) Perylene-d12	25.007	264	1227492	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	783968	64.885	ng	0.00
7) Phenol-d6	6.966	99	613325	39.593	ng	0.00
23) Nitrobenzene-d5	8.919	82	1307780	83.662	ng	-0.02
42) 2,4,6-Tribromophenol	15.919	330	950239	140.528	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	2929155	79.687	ng	-0.01
79) Terphenyl-d14	19.913	244	4447310	76.283	ng	0.00
Target Compounds						Qvalue

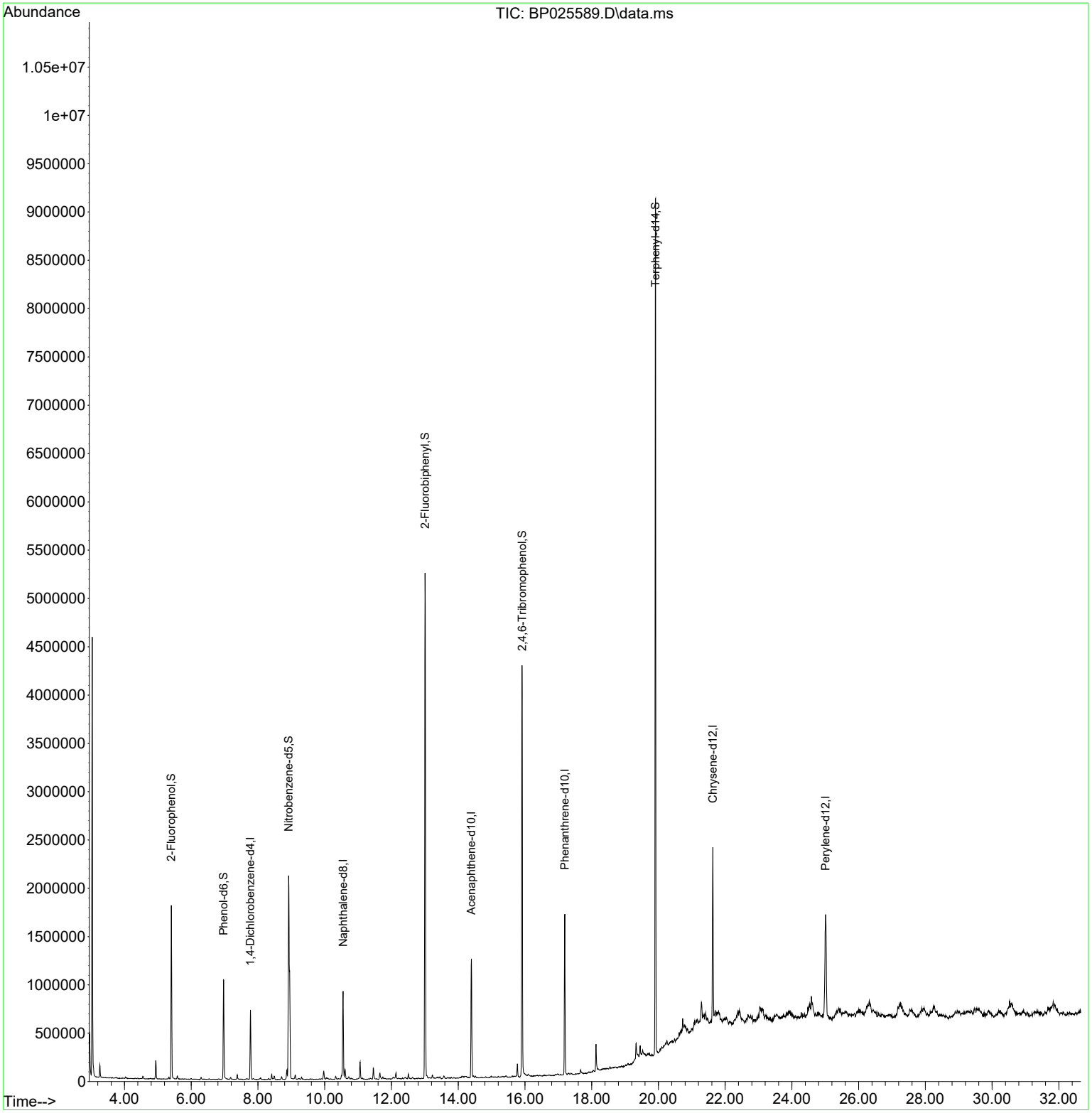
(#) = qualifier out of range (m) = manual integration (+) = signals summed

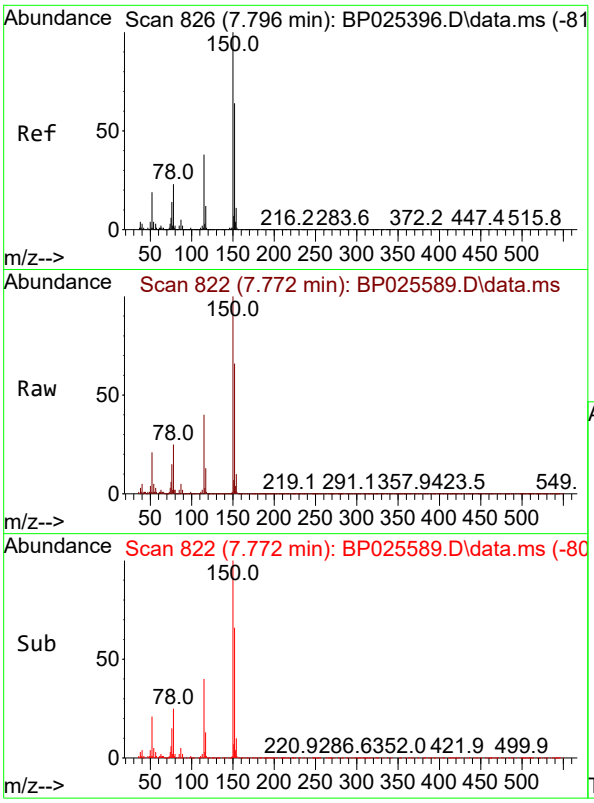
Sample Results: **BP025589.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025589.D
Acq On : 26 Aug 2025 17:18
Operator : CG/JU
Sample : Q2924-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-16C-082025

Quant Time: Aug 26 17:52:13 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



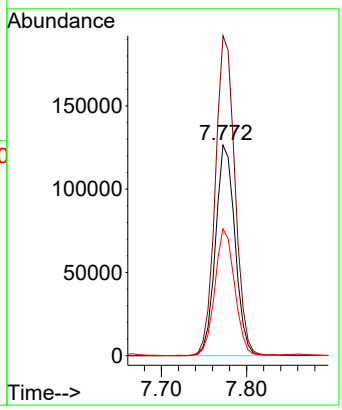


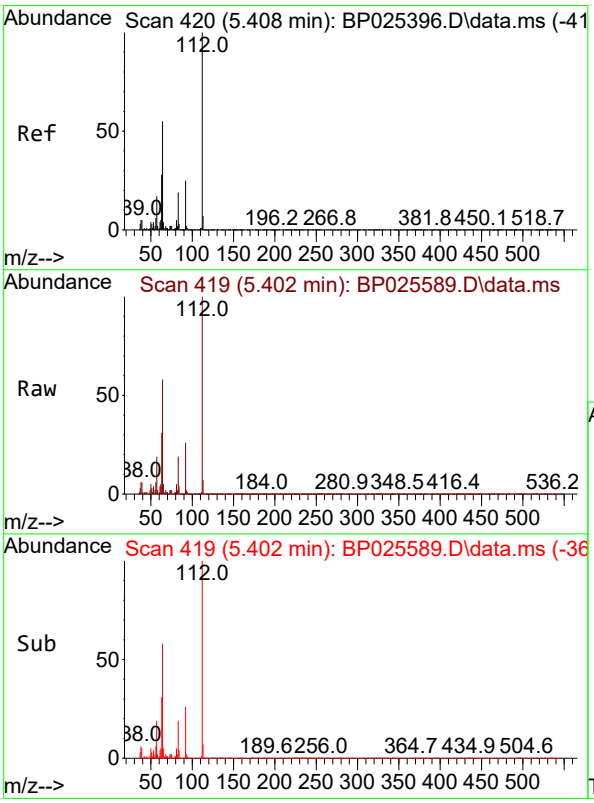
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 8
Delta R.T. -0.024 min
Lab File: BP025589.D
Acq: 26 Aug 2025 17:18

Instrument :
BNA_P
ClientSampleId :
MW-16C-082025

Tgt Ion:152 Resp: 200652

Ion	Ratio	Lower	Upper
152	100		
150	152.0	125.9	188.9
115	60.3	48.5	72.7

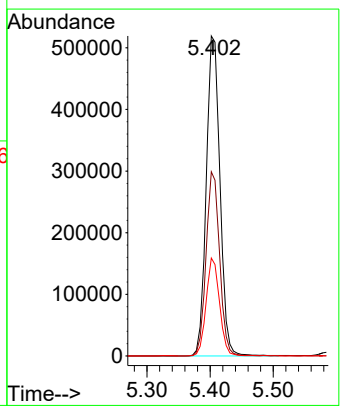


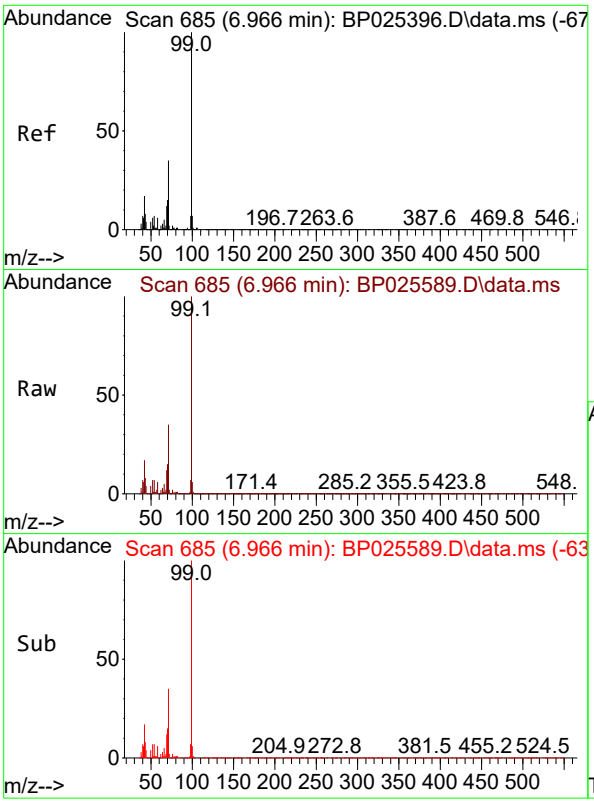


#5
2-Fluorophenol
Concen: 64.885 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025589.D
Acq: 26 Aug 2025 17:18

Tgt Ion:112 Resp: 783968

Ion	Ratio	Lower	Upper
112	100		
64	57.5	43.8	65.8
63	30.6	22.7	34.1



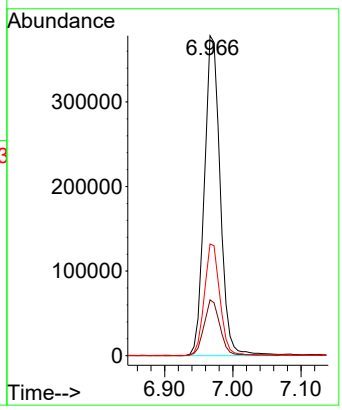


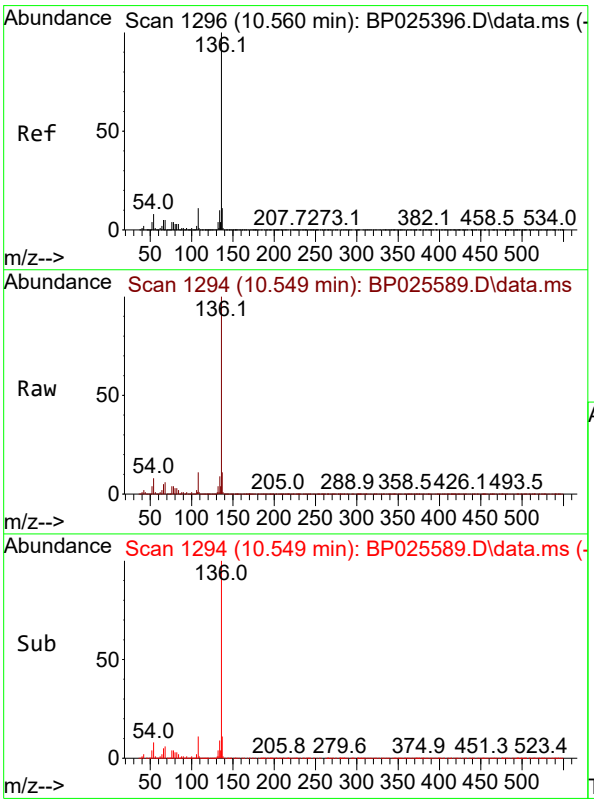
#7
Phenol-d6
Concen: 39.593 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025589.D
Acq: 26 Aug 2025 17:18

Instrument :
BNA_P
ClientSampleId :
MW-16C-082025

Tgt Ion: 99 Resp: 613325

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.7	20.5
71	34.9	28.2	42.4

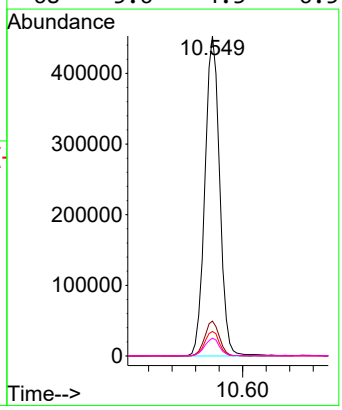


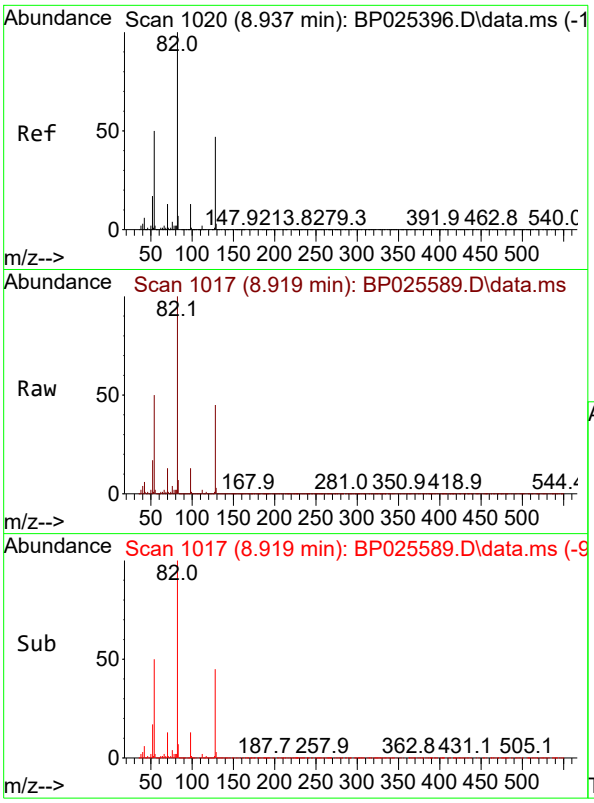


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.549 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BP025589.D
Acq: 26 Aug 2025 17:18

Tgt Ion:136 Resp: 790738

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.7	6.0	9.0
68	5.6	4.3	6.5



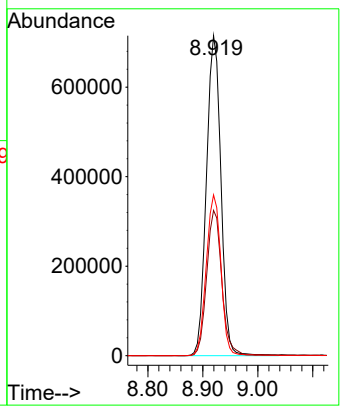


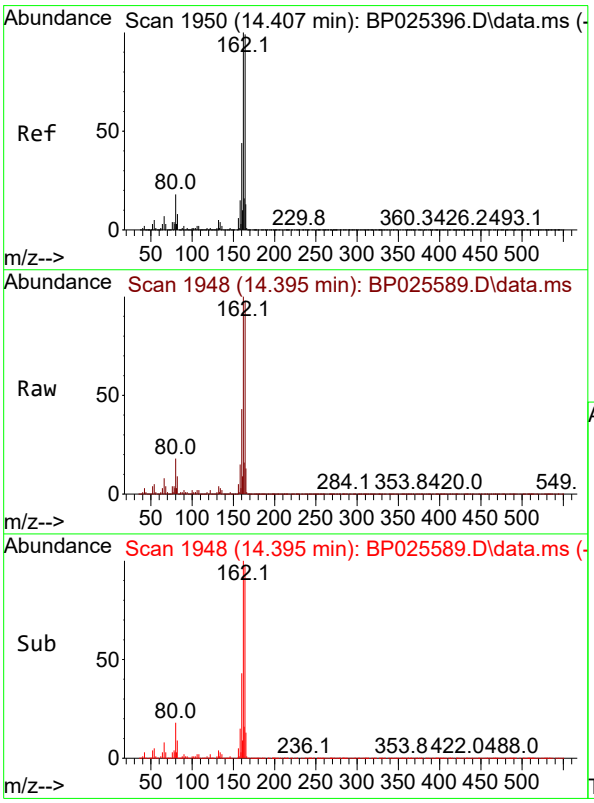
#23
Nitrobenzene-d5
Concen: 83.662 ng
RT: 8.919 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025589.D
Acq: 26 Aug 2025 17:18

Instrument :
BNA_P
ClientSampleId :
MW-16C-082025

Tgt Ion: 82 Resp: 1307780

Ion	Ratio	Lower	Upper
82	100		
128	45.4	37.7	56.5
54	50.3	39.8	59.6

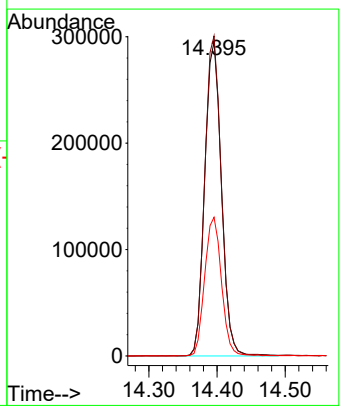


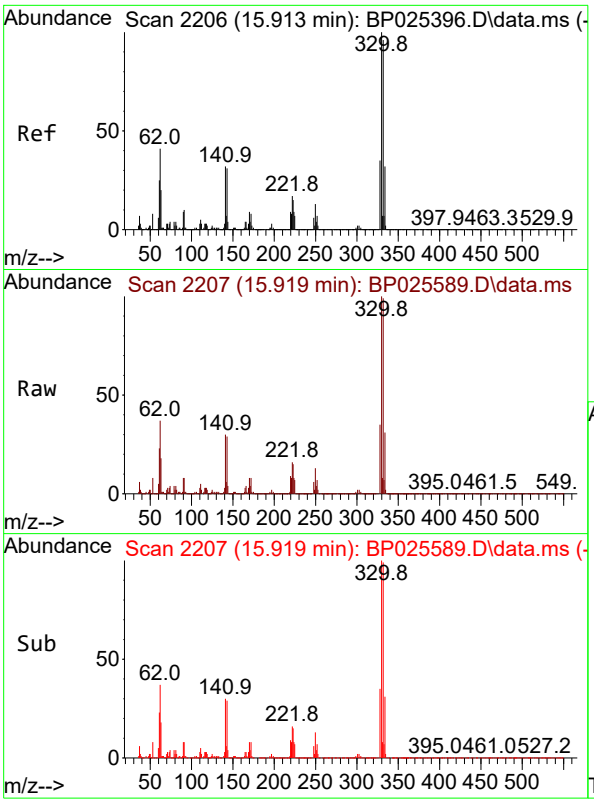


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025589.D
Acq: 26 Aug 2025 17:18

Tgt Ion:164 Resp: 502369

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.0	121.6
160	44.1	35.4	53.2



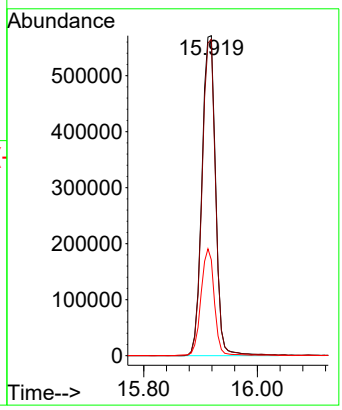


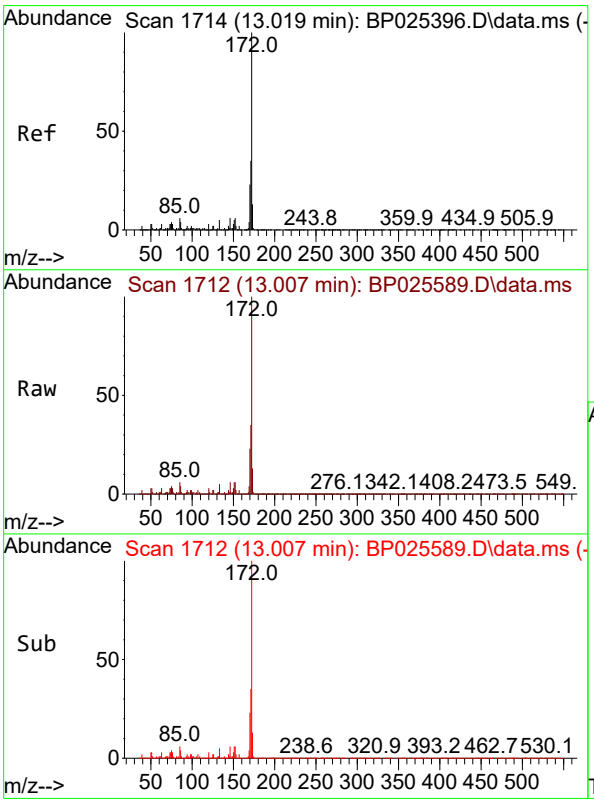
#42
2,4,6-Tribromophenol
Concen: 140.528 ng
RT: 15.919 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025589.D
Acq: 26 Aug 2025 17:18

Instrument :
BNA_P
ClientSampleId :
MW-16C-082025

Tgt Ion:330 Resp: 950239

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	32.7	26.6	39.8

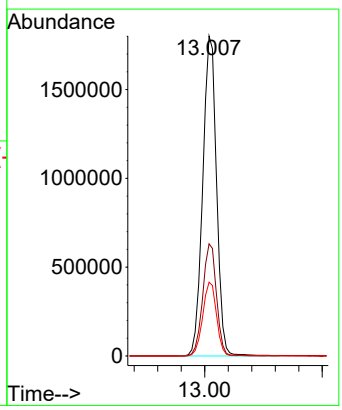


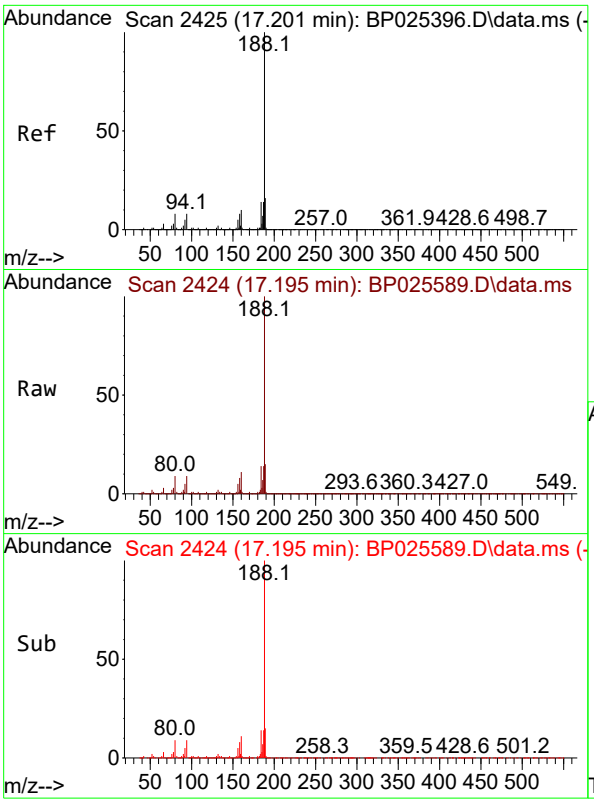


#45
2-Fluorobiphenyl
Concen: 79.687 ng
RT: 13.007 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP025589.D
Acq: 26 Aug 2025 17:18

Tgt Ion:172 Resp: 2929155

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.1	42.1
170	23.0	18.6	28.0



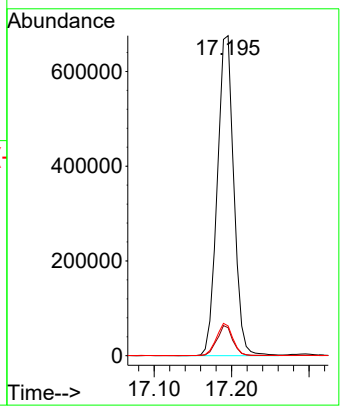


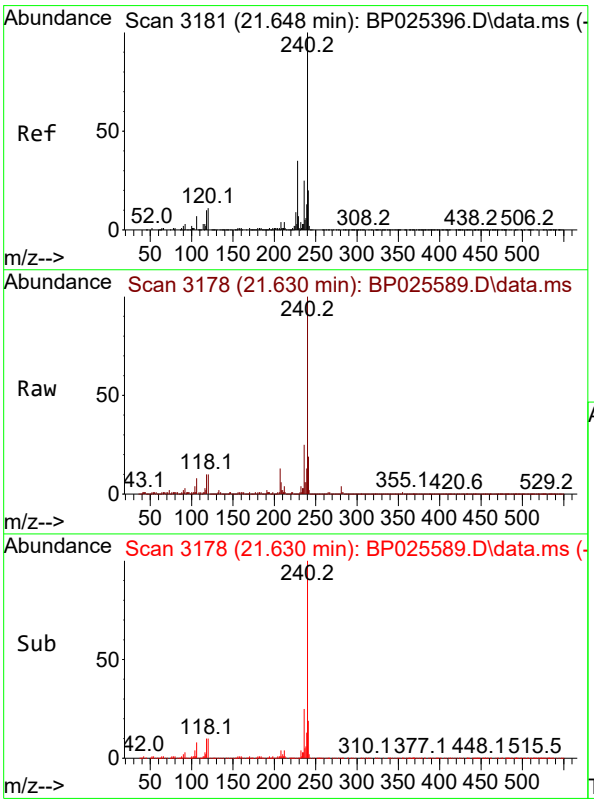
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025589.D
Acq: 26 Aug 2025 17:18

Instrument :
BNA_P
ClientSampleId :
MW-16C-082025

Tgt Ion:188 Resp: 1002259

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.6	10.0
80	9.3	6.7	10.1

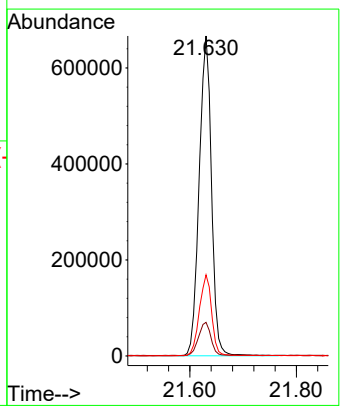


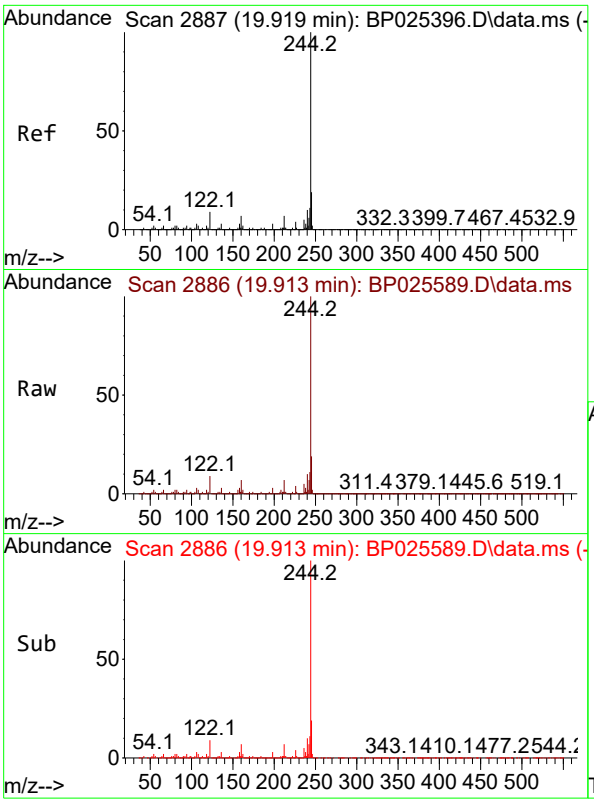


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.017 min
Lab File: BP025589.D
Acq: 26 Aug 2025 17:18

Tgt Ion:240 Resp: 1066647

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.9	13.3
236	25.4	19.8	29.8



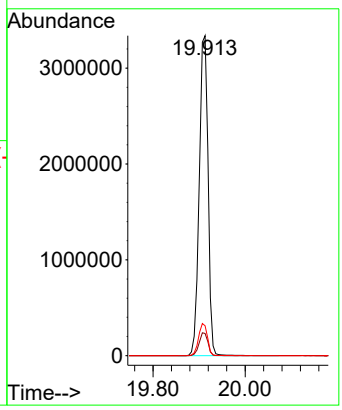


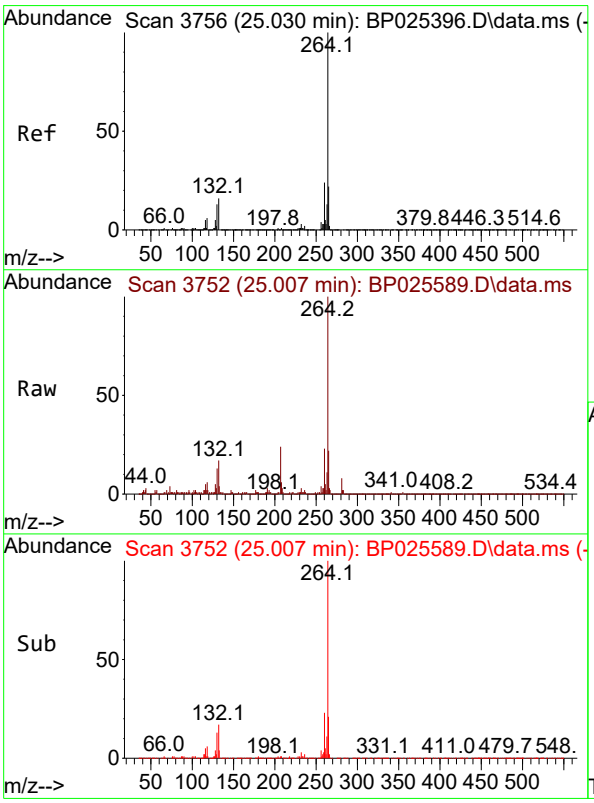
#79
Terphenyl-d14
Concen: 76.283 ng
RT: 19.913 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025589.D
Acq: 26 Aug 2025 17:18

Instrument :
BNA_P
ClientSampleId :
MW-16C-082025

Tgt Ion:244 Resp: 4447310

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	9.4	7.4	11.2

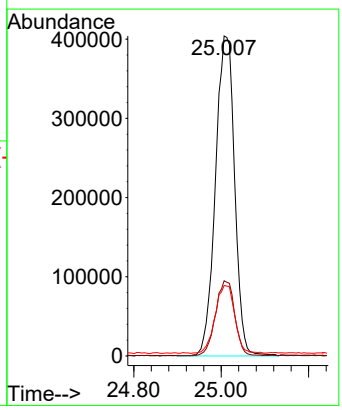




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.007 min Scan# 3752
Delta R.T. -0.023 min
Lab File: BP025589.D
Acq: 26 Aug 2025 17:18

Tgt Ion:264 Resp: 1227492

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.3	28.9
265	22.0	17.4	26.0



Sample Results: **BP025589.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025589.D
Acq On : 26 Aug 2025 17:18
Operator : CG/JU
Sample : Q2924-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-16C-082025

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: BP025589.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	38	rVB	4555624	5725505	47.96%	9.922%
2	3.261	51	55	64	rVB	131225	180025	1.51%	0.312%
3	4.937	333	340	348	rBV2	191379	287307	2.41%	0.498%
4	5.402	413	419	430	rBV	1796402	2684939	22.49%	4.653%
5	6.966	676	685	701	rBV	1030460	1722126	14.43%	2.984%
6	7.772	815	822	832	rBV	719905	1152268	9.65%	1.997%
7	8.866	1001	1008	1011	rBV	93621	154900	1.30%	0.268%
8	8.919	1011	1017	1021	rBV	2070094	4160733	34.85%	7.211%
9	9.972	1188	1196	1204	rBV2	83296	152513	1.28%	0.264%
10	10.549	1287	1294	1300	rVV	883378	1528497	12.80%	2.649%
11	10.607	1300	1304	1313	rVB3	97757	184209	1.54%	0.319%
12	11.060	1375	1381	1388	rVB	174043	281212	2.36%	0.487%
13	11.460	1443	1449	1462	rBV	116075	207636	1.74%	0.360%
14	11.654	1473	1482	1491	rBV3	65768	151729	1.27%	0.263%
15	13.007	1704	1712	1719	rBV	5231578	8394808	70.32%	14.548%
16	14.395	1941	1948	1956	rBV	1231805	2101246	17.60%	3.641%
17	15.772	2177	2182	2190	rVB	134096	193380	1.62%	0.335%
18	15.913	2194	2206	2219	rBV	4263344	7055554	59.10%	12.227%
19	17.195	2417	2424	2435	rBV	1661733	2483226	20.80%	4.303%
20	18.131	2578	2583	2591	rBV2	278818	466171	3.90%	0.808%
21	19.331	2783	2787	2794	rBV	160823	319187	2.67%	0.553%
22	19.454	2804	2808	2812	rBV2	101576	136473	1.14%	0.237%
23	19.913	2880	2886	2896	rBV	8846811	11938295	100.00%	20.689%
24	20.725	3022	3024	3030	rBV6	118650	166477	1.39%	0.289%
25	21.630	3172	3178	3183	rBV	1805798	2850961	23.88%	4.941%
26	25.007	3745	3752	3763	rVB2	1046340	3023520	25.33%	5.240%

Sum of corrected areas: 57702897

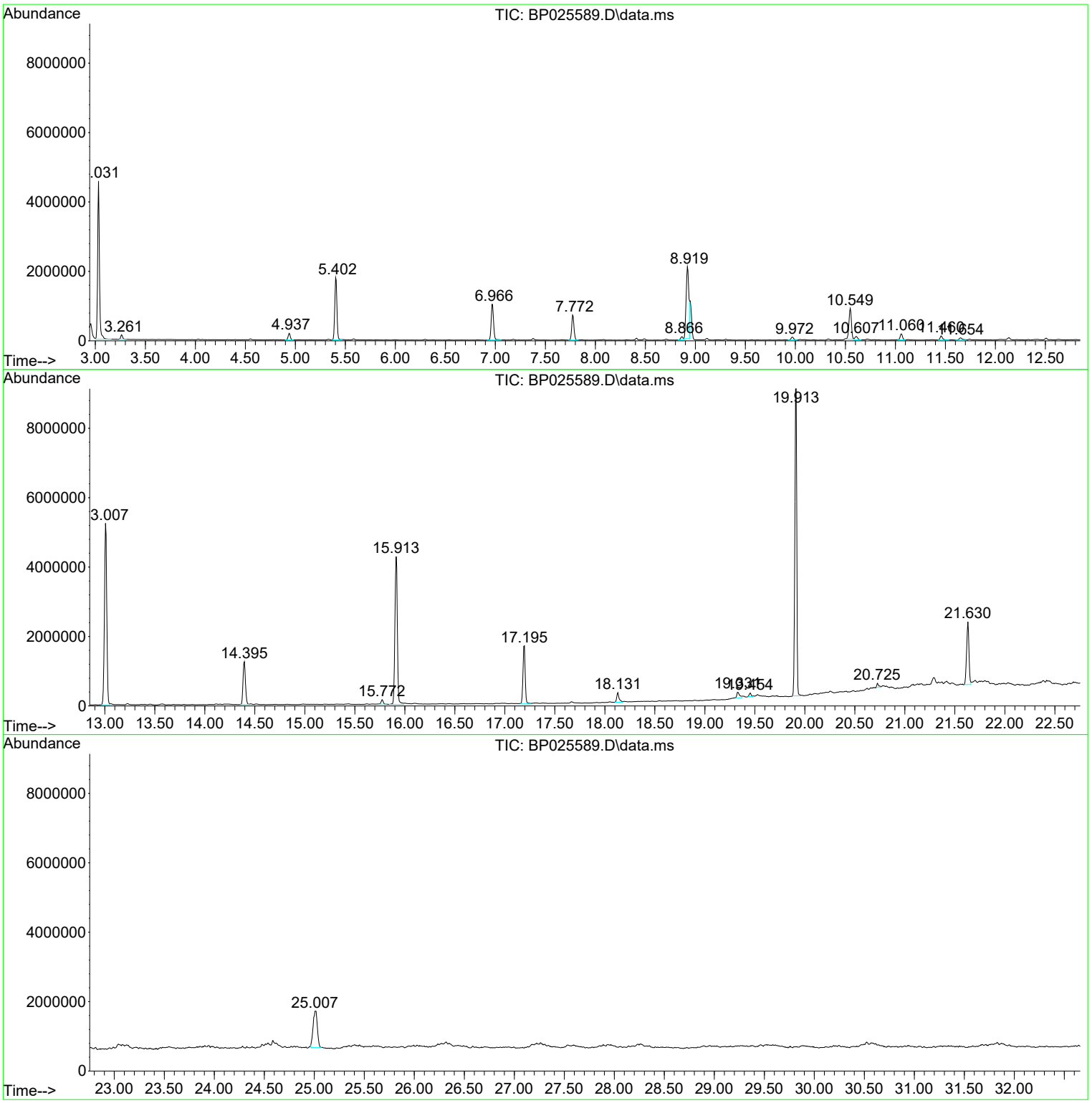
Sample Results: **BP025589.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025589.D
Acq On : 26 Aug 2025 17:18
Operator : CG/JU
Sample : Q2924-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-16C-082025

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 : BP025589.D
Acq On : 26 Aug 2025 17:18
Operator : CG/JU
Sample : Q2924-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-16C-082025

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

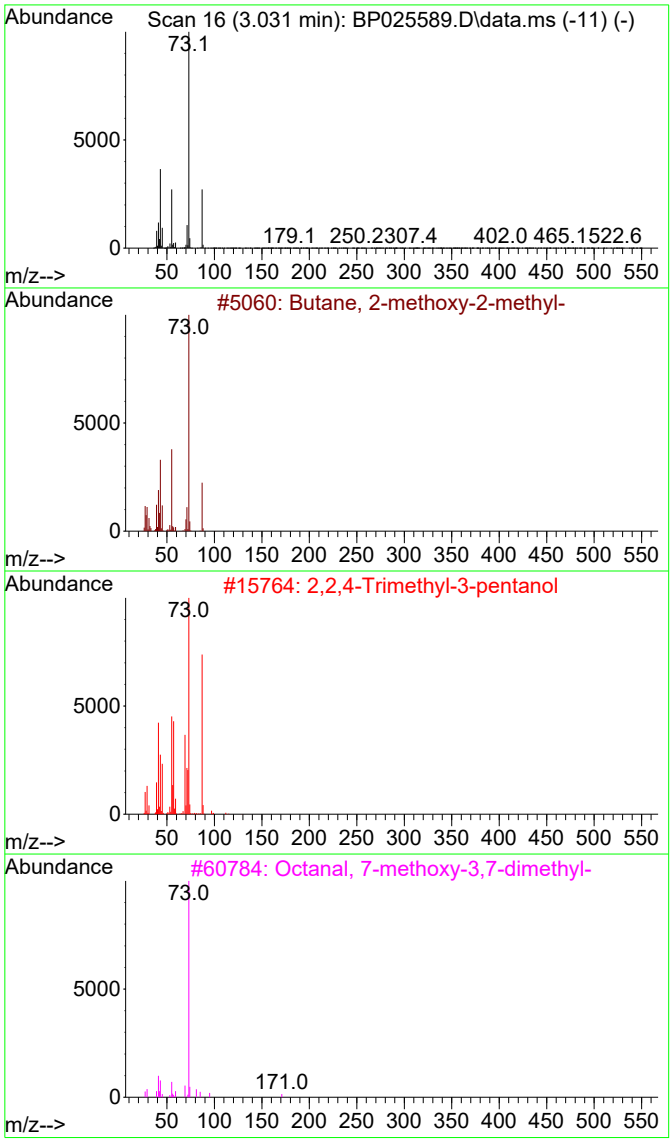
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

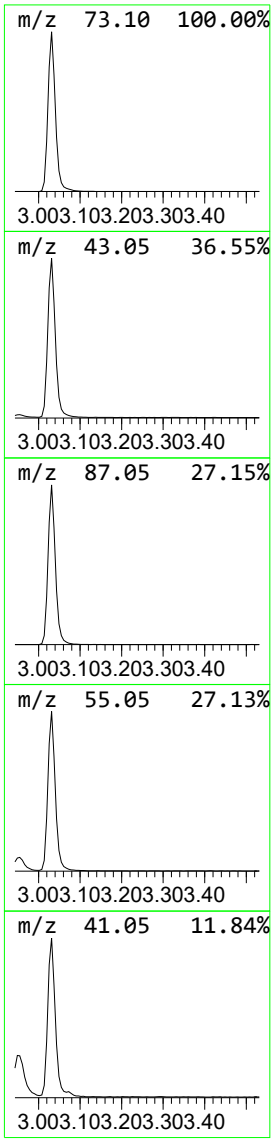
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.031	99.38 ng	5725510	1,4-Dichlorobenzene-d4	7.772

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	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025589.D
Acq On : 26 Aug 2025 17:18
Operator : CG/JU
Sample : Q2924-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-16C-082025

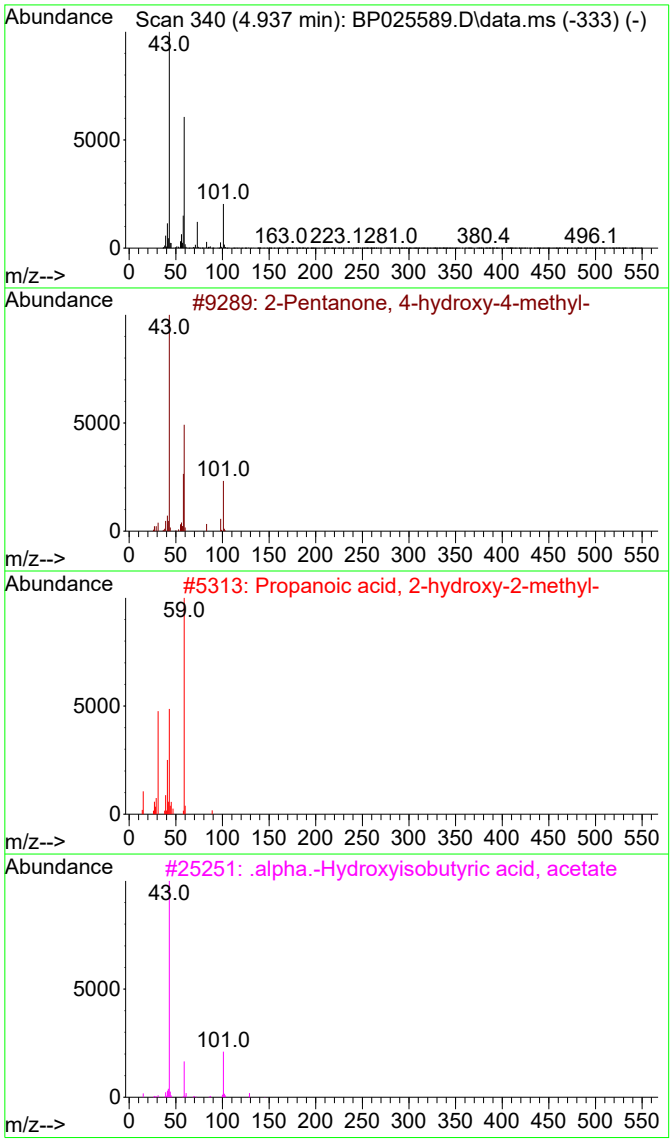
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

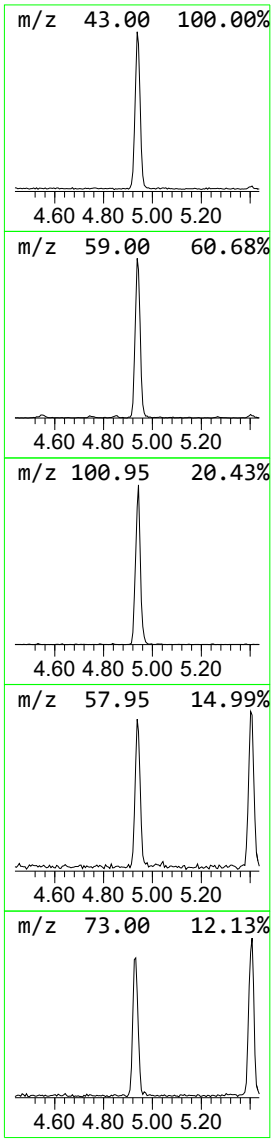
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.937	4.99 ng	287307	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	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	17
3	.alpha.-Hydroxyisobutyric acid, ...	146	C6H10O4	1000374-31-3	17
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025589.D
Acq On : 26 Aug 2025 17:18
Operator : CG/JU
Sample : Q2924-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-16C-082025

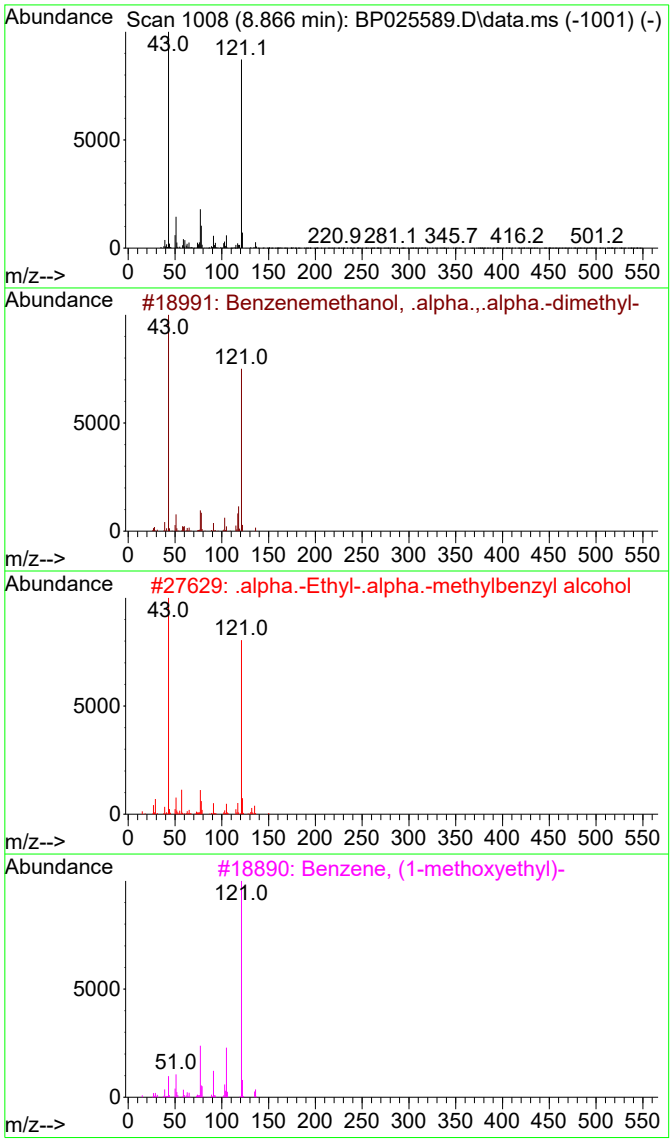
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

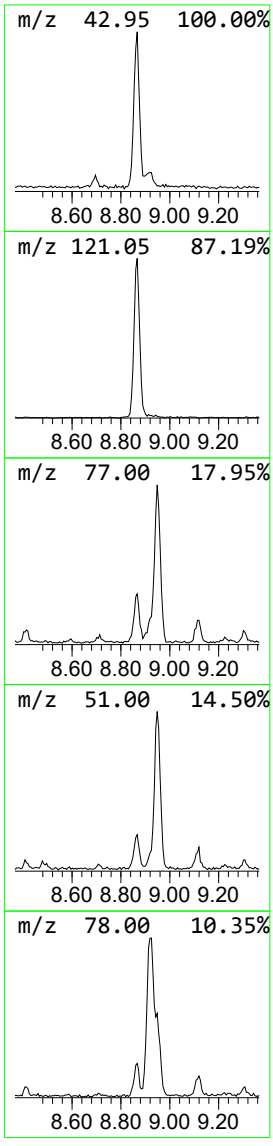
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzenemethanol, .alpha.,.a... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.866	2.69 ng	154900	1,4-Dichlorobenzene-d4	7.772

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, .alpha.,.alpha....	136	C9H12O	000617-94-7	90
2	.alpha.-Ethyl-.alpha.-methylbenz...	150	C10H14O	001565-75-9	64
3	Benzene, (1-methoxyethyl)-	136	C9H12O	004013-34-7	59
4	Benzene, (1-methoxypropyl)-	150	C10H14O	059588-12-4	53
5	Aminorex, N,N-dimethyl	190	C11H14N2O	1000447-11-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025589.D
Acq On : 26 Aug 2025 17:18
Operator : CG/JU
Sample : Q2924-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-16C-082025

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

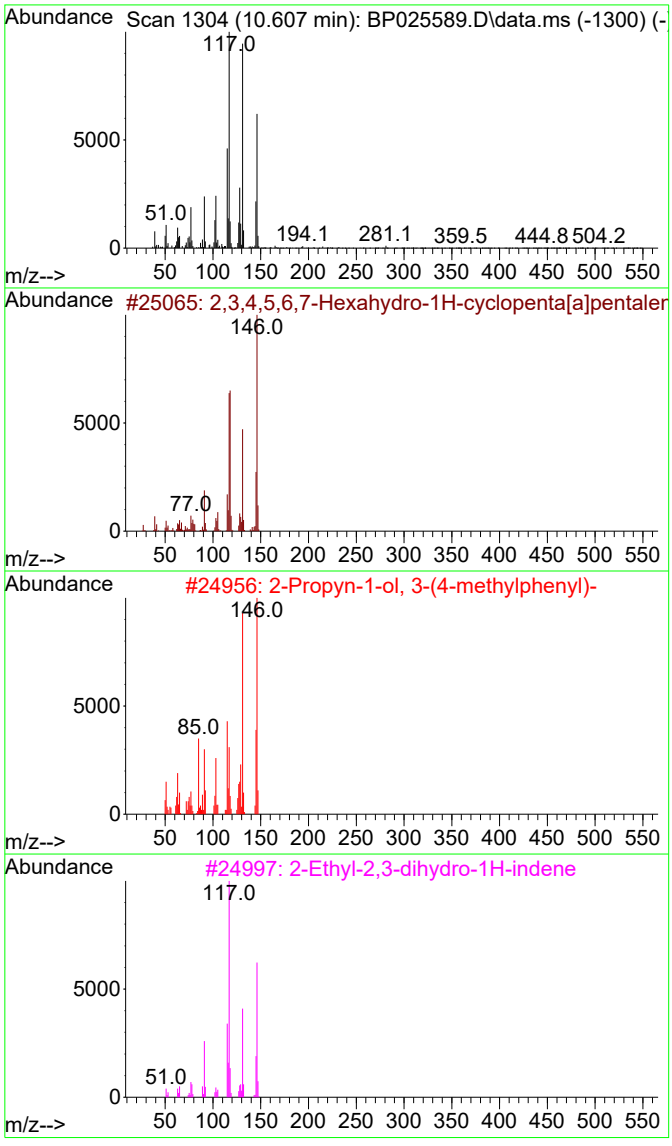
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

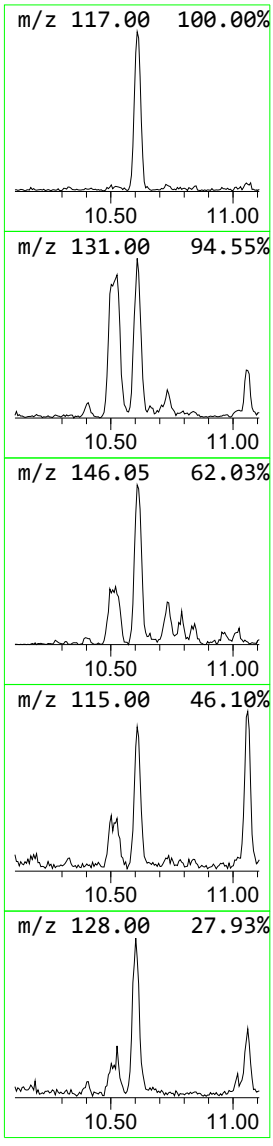
****

Peak Number 5 2,3,4,5,6,7-Hexahydro-1H-cy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.608	2.41 ng	184209	Naphthalene-d8	10.549

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	68
2	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	62
3	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	58
4	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	53
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025589.D
Acq On : 26 Aug 2025 17:18
Operator : CG/JU
Sample : Q2924-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-16C-082025

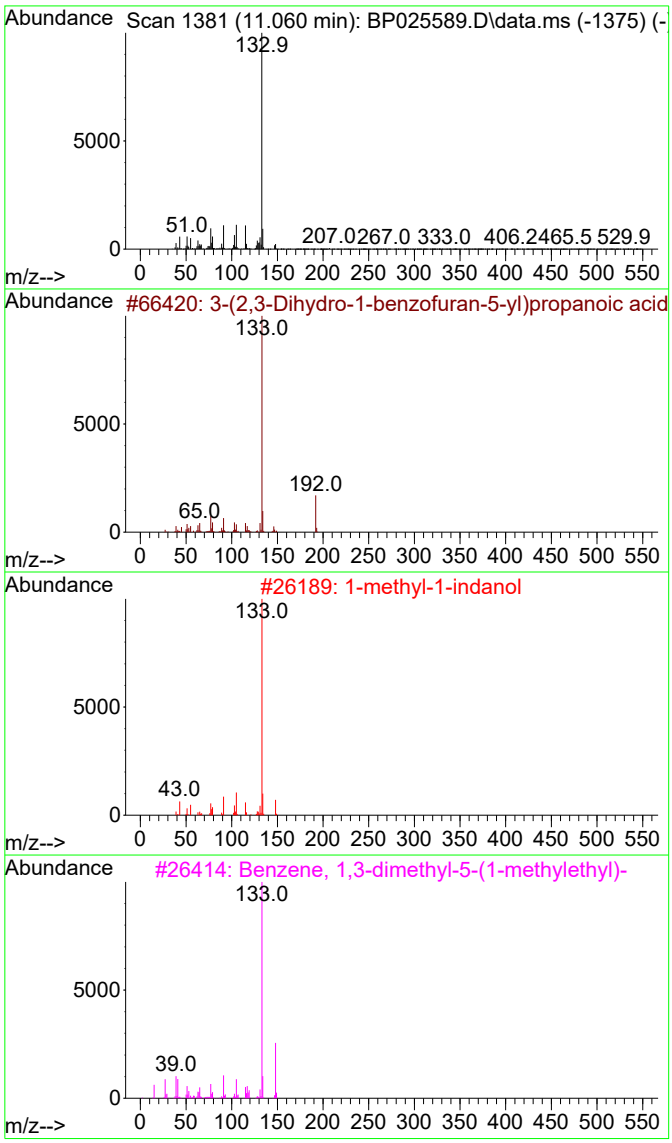
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

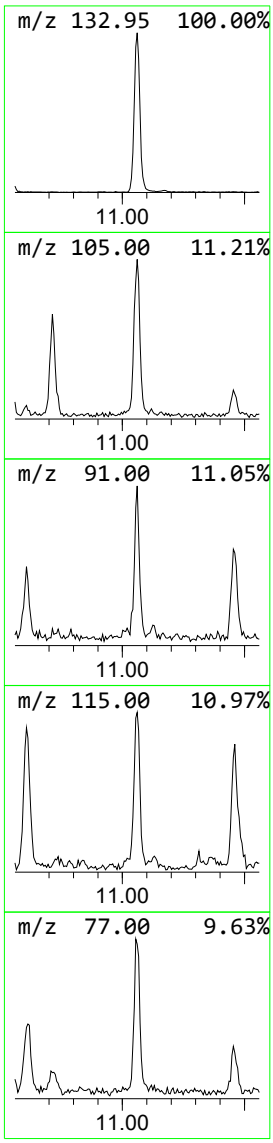
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 3-(2,3-Dihydro-1-benzofuran... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.060	3.68 ng	281212	Naphthalene-d8	10.549

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2,3-Dihydro-1-benzofuran-5-yl...	192	C11H12O3	215057-28-6	72
2	1-methyl-1-indanol	148	C10H12O	064666-42-8	72
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	64
4	Benzoic acid, 4-[[(3,4-dihydro-1...	325	C19H19NO4	1000316-21-6	64
5	Benzamide, 4-ethyl-N-allyl-	189	C12H15NO	1000340-34-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025589.D
Acq On : 26 Aug 2025 17:18
Operator : CG/JU
Sample : Q2924-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-16C-082025

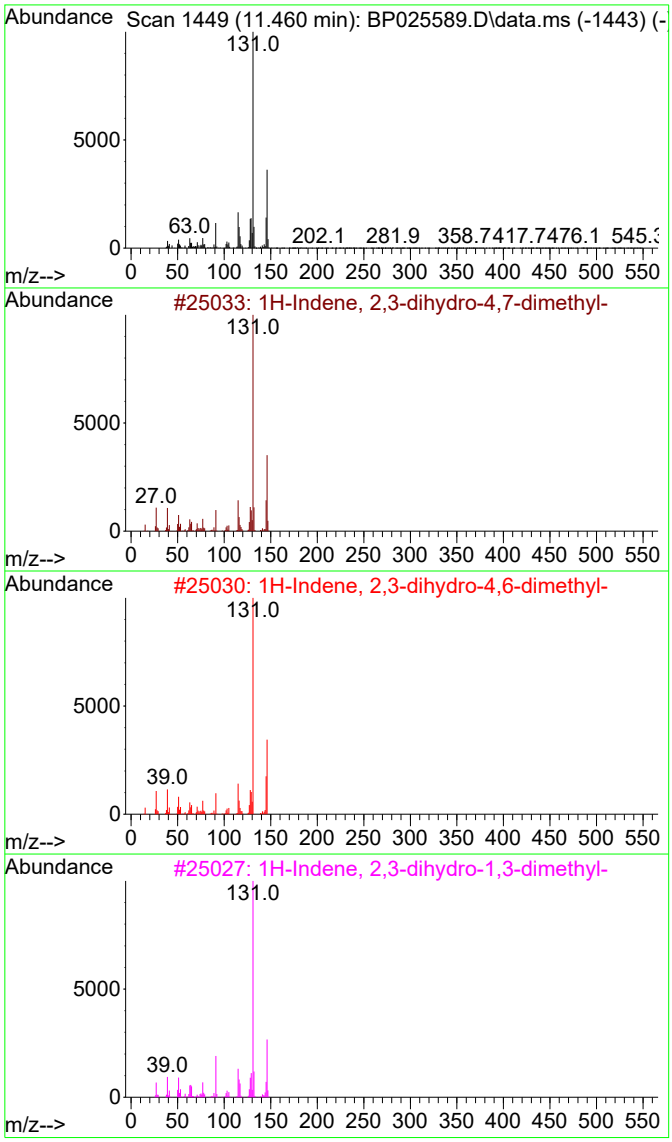
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

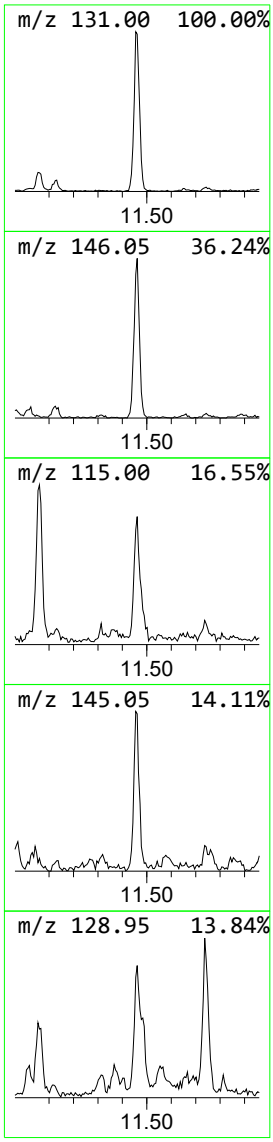
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.460	2.72 ng	207636	Naphthalene-d8	10.549

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
2	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025589.D
Acq On : 26 Aug 2025 17:18
Operator : CG/JU
Sample : Q2924-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-16C-082025

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

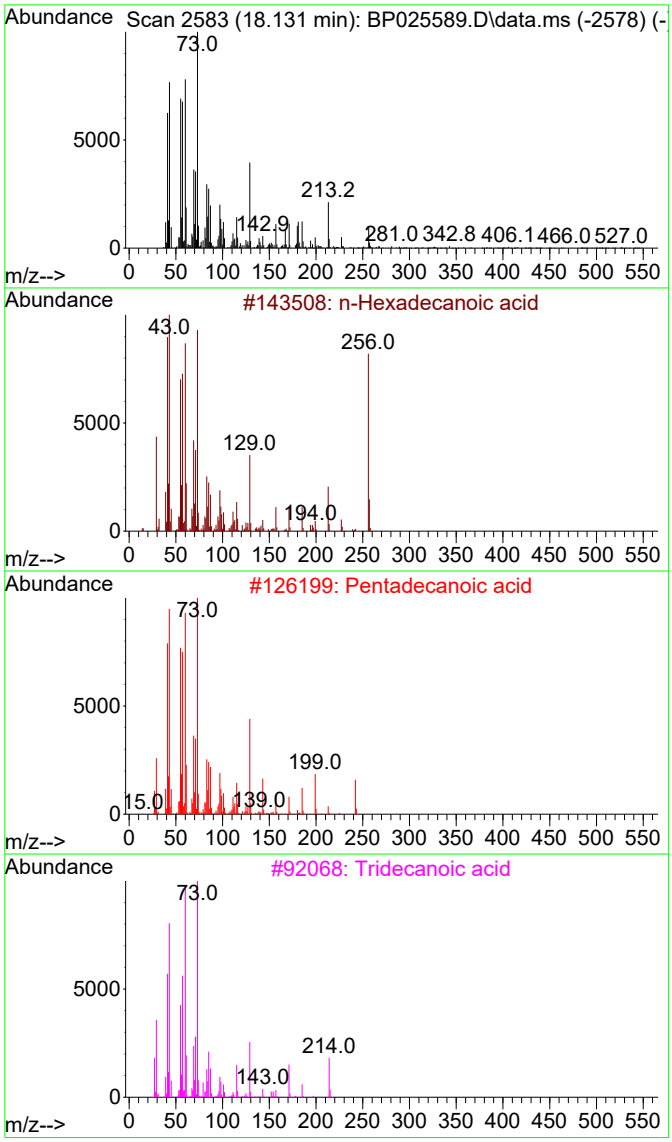
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

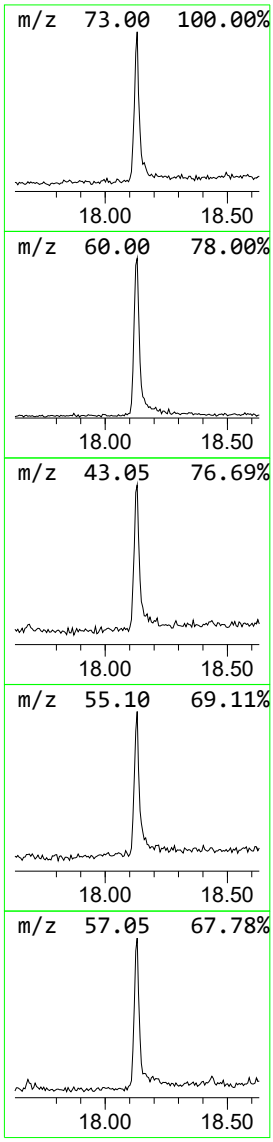
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.131	3.75 ng	466171	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	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Sample Results: **BP025589.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025589.D
Acq On : 26 Aug 2025 17:18
Operator : CG/JU
Sample : Q2924-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-16C-082025

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

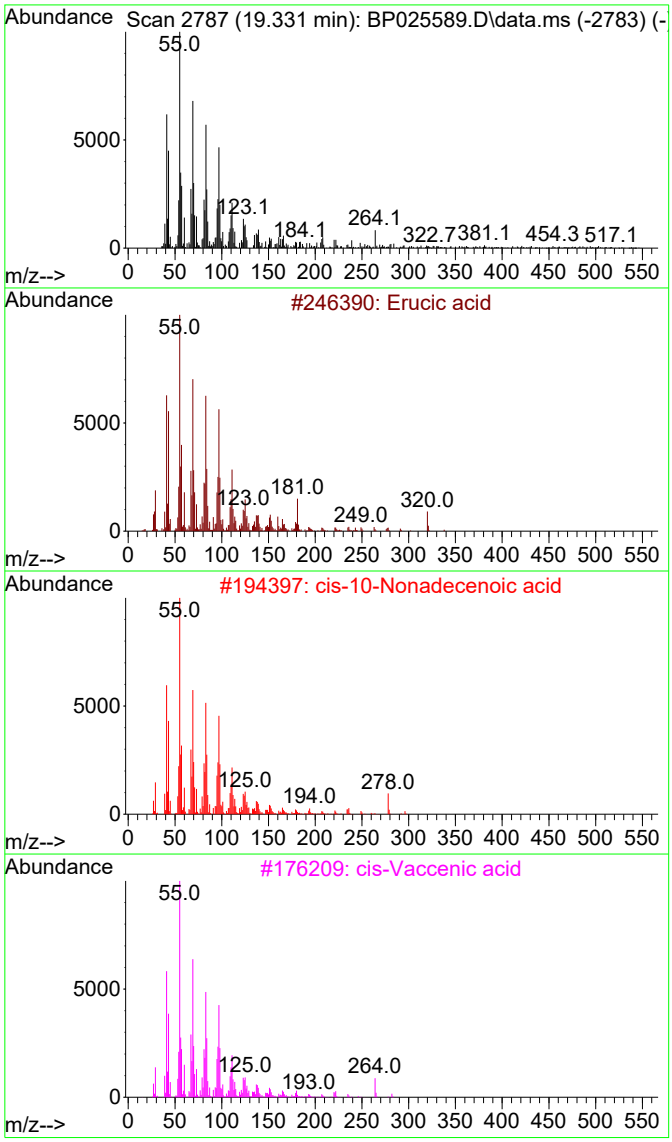
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

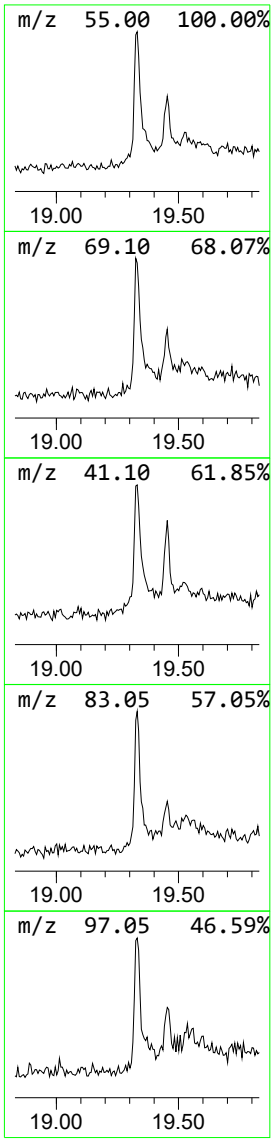
****

Peak Number 9 Erucic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.331	2.57 ng	319187	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Erucic acid	338	C22H42O2	000112-86-7	99
2	cis-10-Nonadecenoic acid	296	C19H36O2	073033-09-7	95
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	94
4	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	91
5	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025589.D
Acq On : 26 Aug 2025 17:18
Operator : CG/JU
Sample : Q2924-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-16C-082025

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	99.4	ng	5725510	1	7.772	1152270	20.0
2-Pentanone, 4-...	4.937	5.0	ng	287307	1	7.772	1152270	20.0
Benzenemethanol...	8.866	2.7	ng	154900	1	7.772	1152270	20.0
2,3,4,5,6,7-Hex...	10.608	2.4	ng	184209	2	10.549	1528500	20.0
3-(2,3-Dihydro-...	11.060	3.7	ng	281212	2	10.549	1528500	20.0
1H-Indene, 2,3-...	11.460	2.7	ng	207636	2	10.549	1528500	20.0
n-Hexadecanoic ...	18.131	3.8	ng	466171	4	17.195	2483230	20.0
Erucic acid	19.331	2.6	ng	319187	4	17.195	2483230	20.0

Raw Data: **BP025552.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-8A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-10	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	930 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025552.D	1	08/22/25 10:34	08/22/25 16:58	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.8	U	4.20	10.8	ug/L
108-95-2	Phenol	5.40	U	0.98	5.40	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.40	U	0.87	5.40	ug/L
95-57-8	2-Chlorophenol	5.40	U	0.62	5.40	ug/L
95-48-7	2-Methylphenol	5.40	U	1.20	5.40	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.40	U	1.40	5.40	ug/L
98-86-2	Acetophenone	5.40	U	0.80	5.40	ug/L
65794-96-9	3+4-Methylphenols	10.8	U	1.20	10.8	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.70	U	1.50	2.70	ug/L
67-72-1	Hexachloroethane	5.40	U	0.70	5.40	ug/L
98-95-3	Nitrobenzene	5.40	U	0.82	5.40	ug/L
78-59-1	Isophorone	5.40	U	0.81	5.40	ug/L
88-75-5	2-Nitrophenol	5.40	U	1.90	5.40	ug/L
105-67-9	2,4-Dimethylphenol	5.40	U	2.00	5.40	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.40	U	0.73	5.40	ug/L
120-83-2	2,4-Dichlorophenol	5.40	U	0.56	5.40	ug/L
91-20-3	Naphthalene	5.40	U	0.54	5.40	ug/L
106-47-8	4-Chloroaniline	5.40	U	0.90	5.40	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	0.58	5.40	ug/L
105-60-2	Caprolactam	10.8	U	1.20	10.8	ug/L
59-50-7	4-Chloro-3-methylphenol	5.40	U	0.63	5.40	ug/L
91-57-6	2-Methylnaphthalene	5.40	U	0.60	5.40	ug/L
77-47-4	Hexachlorocyclopentadiene	10.8	U	3.90	10.8	ug/L
88-06-2	2,4,6-Trichlorophenol	5.40	U	0.55	5.40	ug/L
95-95-4	2,4,5-Trichlorophenol	5.40	U	0.67	5.40	ug/L
92-52-4	1,1-Biphenyl	5.40	U	0.57	5.40	ug/L
91-58-7	2-Chloronaphthalene	5.40	U	0.66	5.40	ug/L
88-74-4	2-Nitroaniline	5.40	U	1.40	5.40	ug/L
131-11-3	Dimethylphthalate	5.40	U	0.66	5.40	ug/L

Raw Data: **BP025552.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-8A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-10	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	930 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025552.D	1	08/22/25 10:34	08/22/25 16:58	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.40	U	0.81	5.40	ug/L
606-20-2	2,6-Dinitrotoluene	5.40	U	0.99	5.40	ug/L
99-09-2	3-Nitroaniline	5.40	U	1.10	5.40	ug/L
83-32-9	Acenaphthene	5.40	U	0.59	5.40	ug/L
51-28-5	2,4-Dinitrophenol	10.8	U	6.40	10.8	ug/L
100-02-7	4-Nitrophenol	10.8	U	2.60	10.8	ug/L
132-64-9	Dibenzofuran	5.40	U	0.66	5.40	ug/L
121-14-2	2,4-Dinitrotoluene	5.40	U	1.30	5.40	ug/L
84-66-2	Diethylphthalate	5.40	U	0.74	5.40	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.40	U	0.73	5.40	ug/L
86-73-7	Fluorene	5.40	U	0.68	5.40	ug/L
100-01-6	4-Nitroaniline	5.40	U	1.60	5.40	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.8	U	3.10	10.8	ug/L
86-30-6	n-Nitrosodiphenylamine	5.40	U	0.62	5.40	ug/L
101-55-3	4-Bromophenyl-phenylether	5.40	U	0.43	5.40	ug/L
118-74-1	Hexachlorobenzene	5.40	U	0.56	5.40	ug/L
1912-24-9	Atrazine	5.40	U	1.10	5.40	ug/L
87-86-5	Pentachlorophenol	10.8	U	1.70	10.8	ug/L
85-01-8	Phenanthrene	5.40	U	0.54	5.40	ug/L
120-12-7	Anthracene	5.40	U	0.66	5.40	ug/L
86-74-8	Carbazole	5.40	U	0.77	5.40	ug/L
84-74-2	Di-n-butylphthalate	5.40	U	1.30	5.40	ug/L
206-44-0	Fluoranthene	5.40	U	0.88	5.40	ug/L
129-00-0	Pyrene	5.40	U	0.54	5.40	ug/L
85-68-7	Butylbenzylphthalate	5.40	U	2.10	5.40	ug/L
91-94-1	3,3-Dichlorobenzidine	10.8	U	1.00	10.8	ug/L
56-55-3	Benzo(a)anthracene	5.40	U	0.48	5.40	ug/L
218-01-9	Chrysene	5.40	U	0.47	5.40	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.40	U	1.70	5.40	ug/L
117-84-0	Di-n-octyl phthalate	10.8	U	2.50	10.8	ug/L
205-99-2	Benzo(b)fluoranthene	5.40	U	0.53	5.40	ug/L

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-8A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-10	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	930 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025552.D	1	08/22/25 10:34	08/22/25 16:58	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.40	U	0.52	5.40	ug/L
50-32-8	Benzo(a)pyrene	5.40	U	0.59	5.40	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.40	U	0.63	5.40	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.40	U	0.72	5.40	ug/L
191-24-2	Benzo(g,h,i)perylene	5.40	U	0.74	5.40	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.40	U	0.56	5.40	ug/L
123-91-1	1,4-Dioxane	5.40	U	1.10	5.40	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.40	U	0.77	5.40	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	64.1		23 - 138	43%	SPK: 150
13127-88-3	Phenol-d6	39.6		10 - 134	26%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.7		67 - 132	85%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.8		52 - 132	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	138		44 - 137	92%	SPK: 150
1718-51-0	Terphenyl-d14	74.9		42 - 152	75%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	178000	7.778			
1146-65-2	Naphthalene-d8	716000	10.543			
15067-26-2	Acenaphthene-d10	464000	14.384			
1517-22-2	Phenanthrene-d10	972000	17.183			
1719-03-5	Chrysene-d12	995000	21.63			
1520-96-3	Perylene-d12	1120000	24.989			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J		3.03	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.40	AB		4.94	ug/L
000119-61-9	Benzophenone	2.80	J		15.8	ug/L
000057-10-3	n-Hexadecanoic acid	5.30	J		18.1	ug/L

Raw Data: **BP025552.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-8A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-10	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	930 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025552.D	1	08/22/25 10:34	08/22/25 16:58	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Sample Results: **BP025552.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025552.D
Acq On : 22 Aug 2025 16:58
Operator : CG/JU
Sample : Q2924-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-8A-082025

Quant Time: Aug 22 17:16:31 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

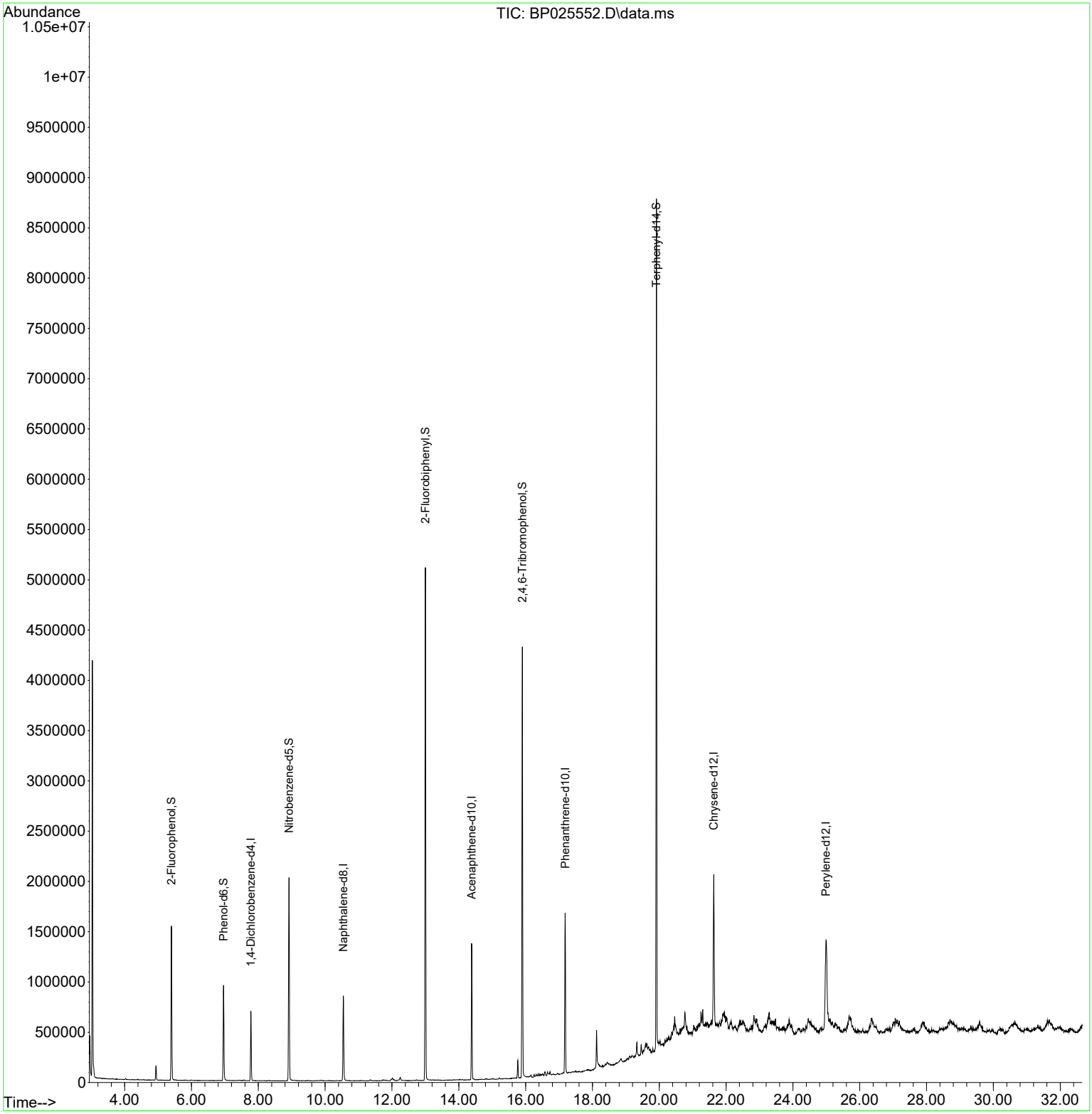
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	178406	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	716017	20.000	ng	-0.02
39) Acenaphthene-d10	14.384	164	464364	20.000	ng	-0.02
64) Phenanthrene-d10	17.183	188	972343	20.000	ng	-0.02
76) Chrysene-d12	21.630	240	994558	20.000	ng	-0.02
86) Perylene-d12	24.989	264	1124626	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	688138	64.056	ng	0.00
7) Phenol-d6	6.960	99	544802	39.555	ng	0.00
23) Nitrobenzene-d5	8.919	82	1199003	84.708	ng	-0.02
42) 2,4,6-Tribromophenol	15.901	330	860792	137.718	ng	-0.01
45) 2-Fluorobiphenyl	13.001	172	2643783	77.810	ng	-0.02
79) Terphenyl-d14	19.913	244	4073022	74.927	ng	0.00
Target Compounds						Qvalue

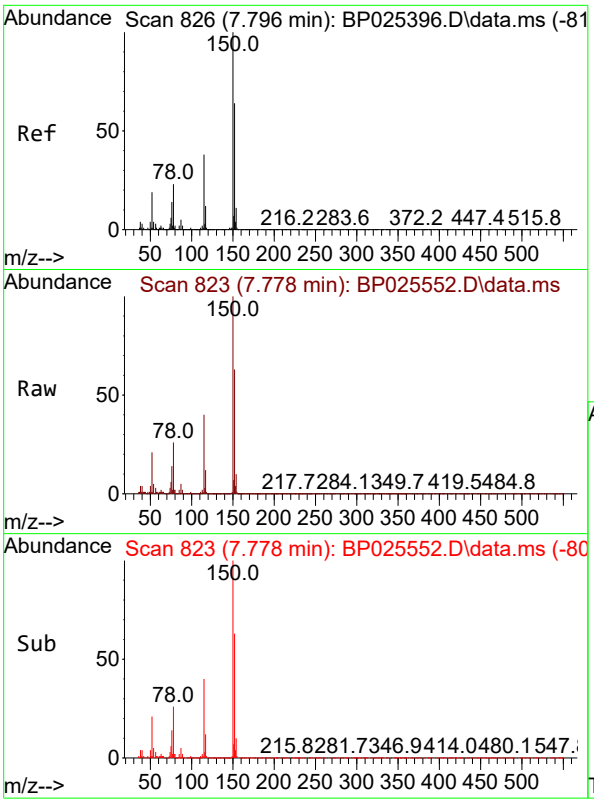
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025552.D
Acq On : 22 Aug 2025 16:58
Operator : CG/JU
Sample : Q2924-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-8A-082025

Quant Time: Aug 22 17:16:31 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



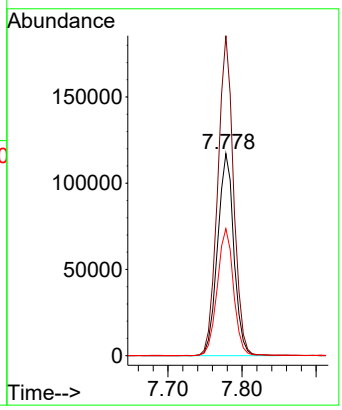


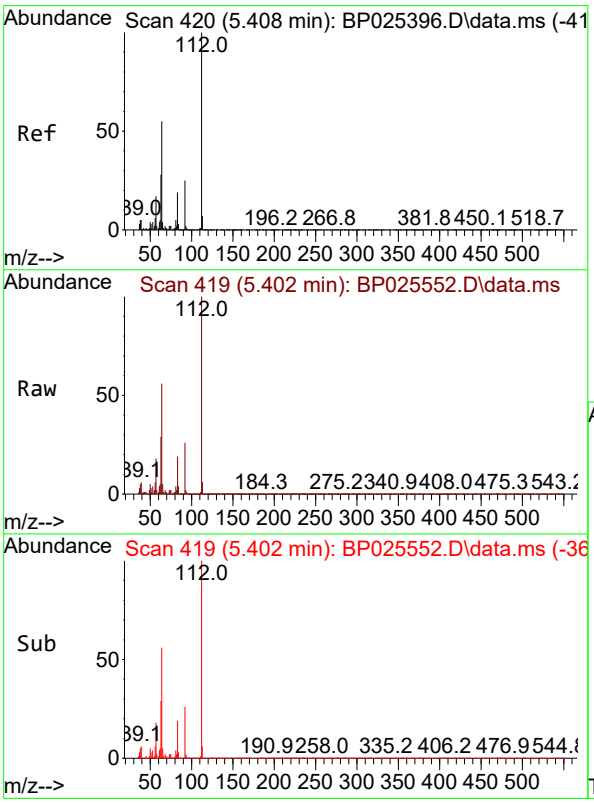
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025552.D
Acq: 22 Aug 2025 16:58

Instrument :
BNA_P
ClientSampleId :
MW-8A-082025

Tgt Ion:152 Resp: 178406

Ion	Ratio	Lower	Upper
152	100		
150	158.4	125.9	188.9
115	62.9	48.5	72.7

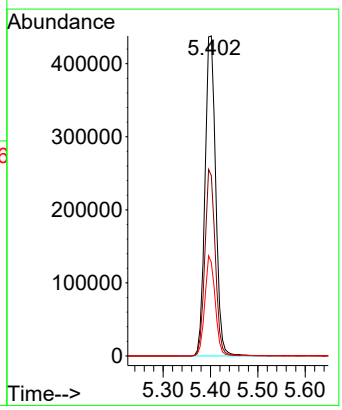


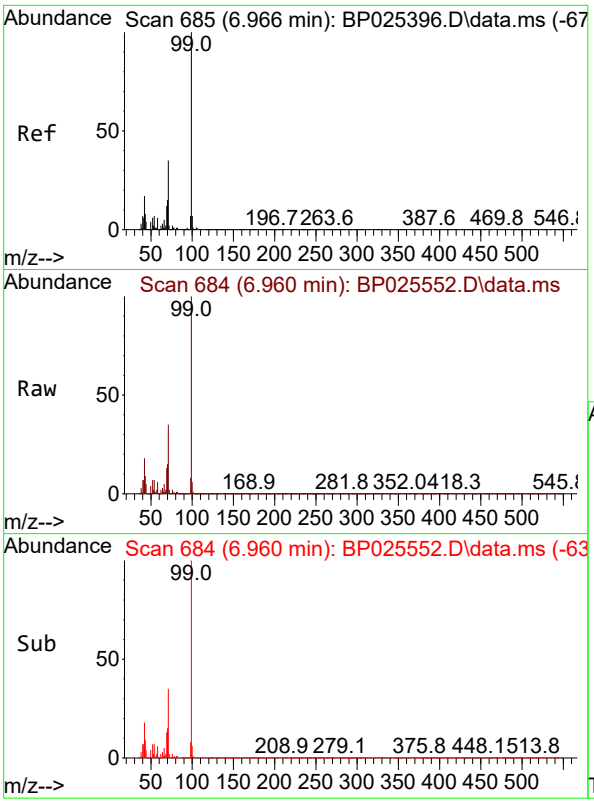


#5
2-Fluorophenol
Concen: 64.056 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025552.D
Acq: 22 Aug 2025 16:58

Tgt Ion:112 Resp: 688138

Ion	Ratio	Lower	Upper
112	100		
64	56.4	43.8	65.8
63	29.2	22.7	34.1



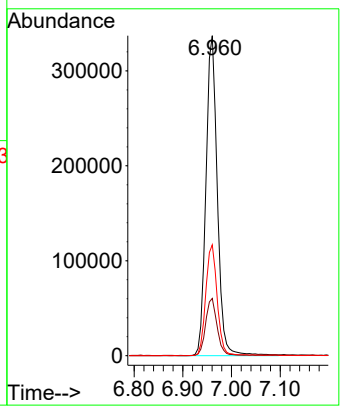


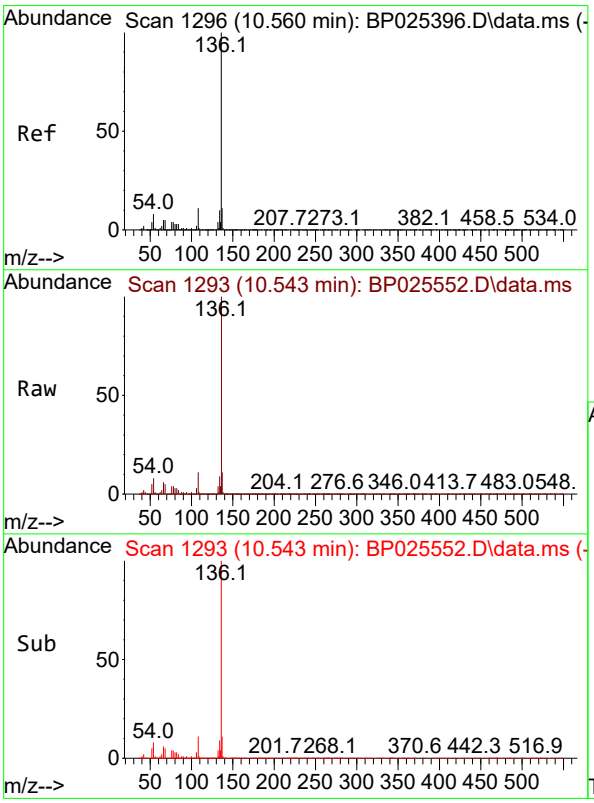
#7
Phenol-d6
Concen: 39.555 ng
RT: 6.960 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025552.D
Acq: 22 Aug 2025 16:58

Instrument :
BNA_P
ClientSampleId :
MW-8A-082025

Tgt Ion: 99 Resp: 544802

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.7	20.5
71	34.7	28.2	42.4

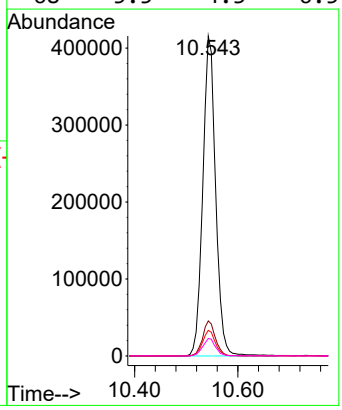


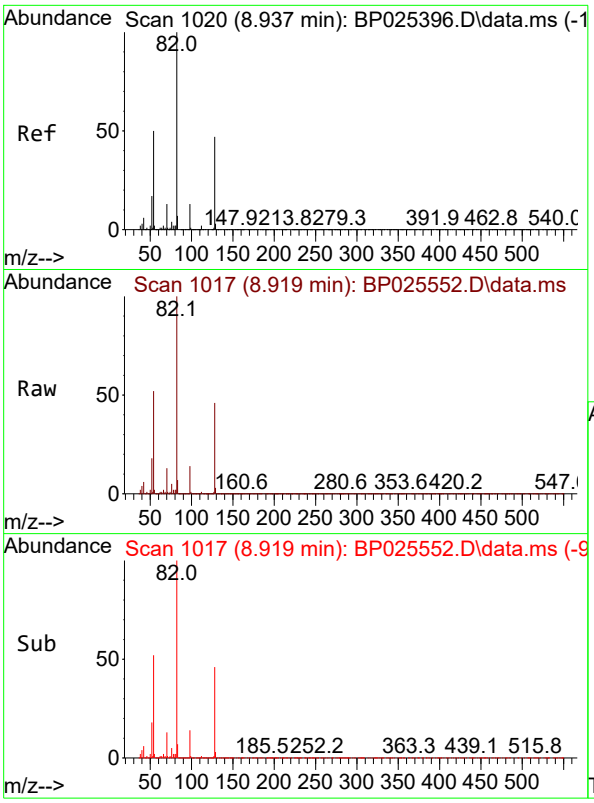


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025552.D
Acq: 22 Aug 2025 16:58

Tgt Ion:136 Resp: 716017

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	8.0	6.0	9.0
68	5.5	4.3	6.5



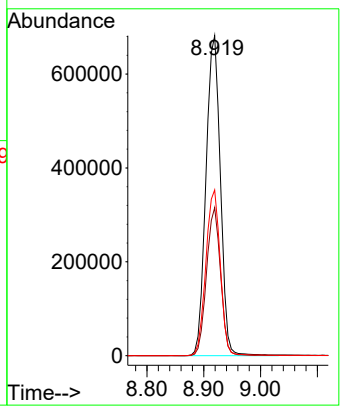


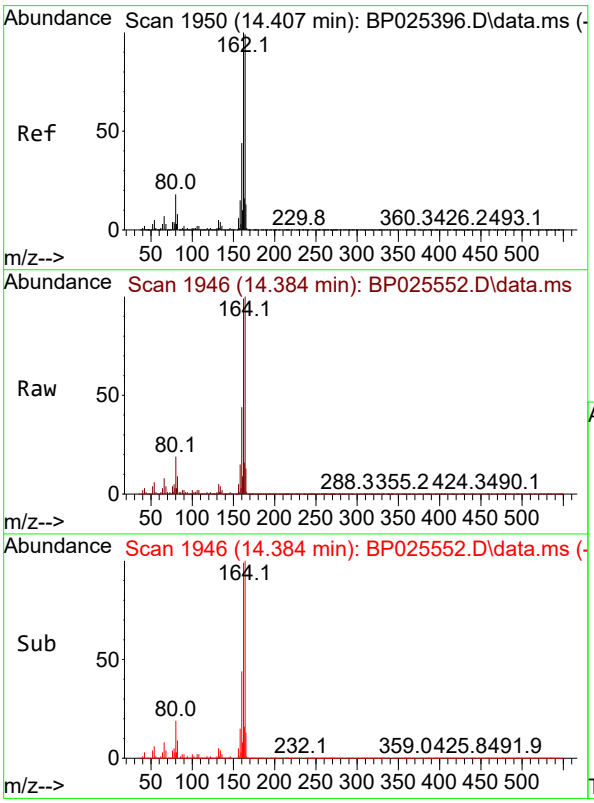
#23
Nitrobenzene-d5
Concen: 84.708 ng
RT: 8.919 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025552.D
Acq: 22 Aug 2025 16:58

Instrument :
BNA_P
ClientSampleId :
MW-8A-082025

Tgt Ion: 82 Resp: 1199003

Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.7	56.5
54	51.8	39.8	59.6

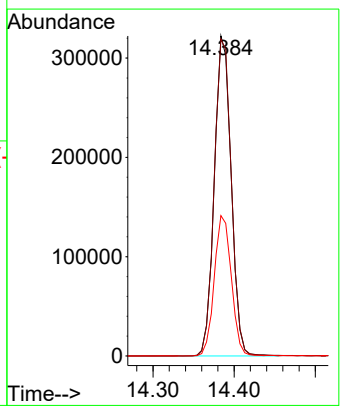


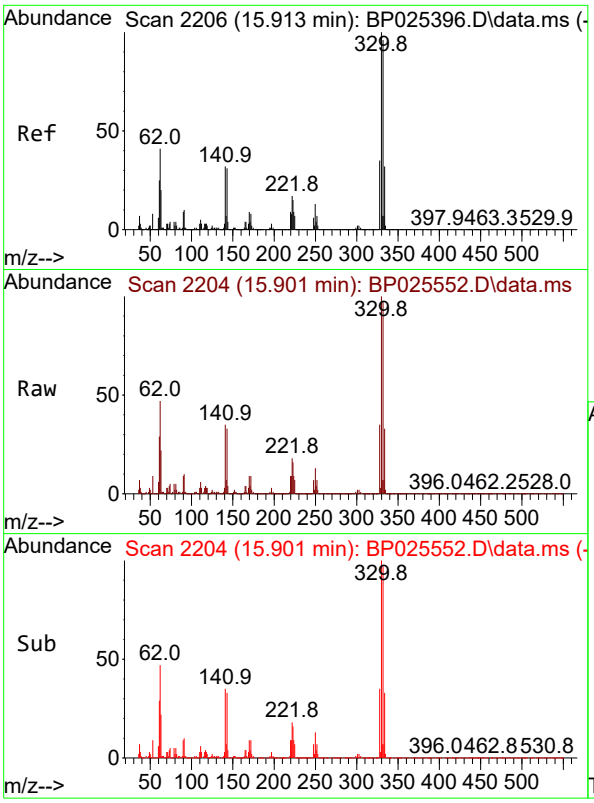


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.384 min Scan# 1946
Delta R.T. -0.023 min
Lab File: BP025552.D
Acq: 22 Aug 2025 16:58

Tgt Ion:164 Resp: 464364

Ion	Ratio	Lower	Upper
164	100		
162	99.0	81.0	121.6
160	43.9	35.4	53.2



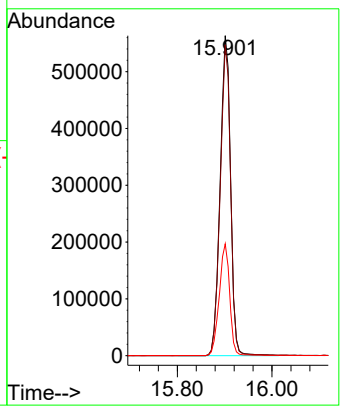


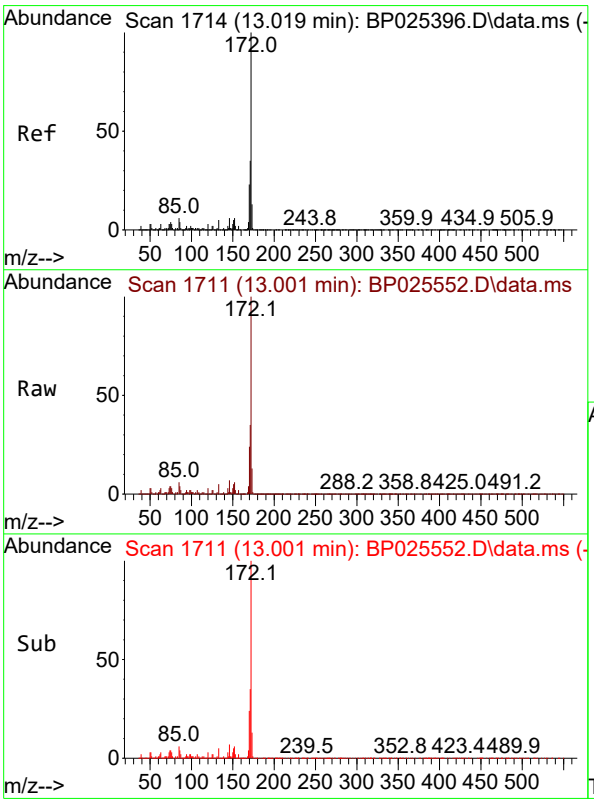
#42
2,4,6-Tribromophenol
Concen: 137.718 ng
RT: 15.901 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025552.D
Acq: 22 Aug 2025 16:58

Instrument :
BNA_P
ClientSampleId :
MW-8A-082025

Tgt Ion:330 Resp: 860792

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	34.9	26.6	39.8

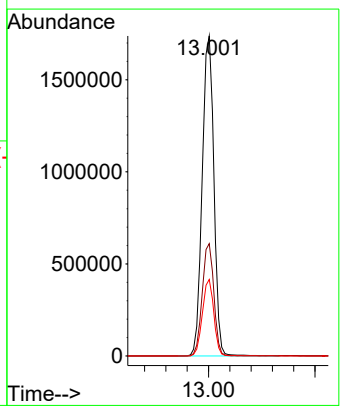


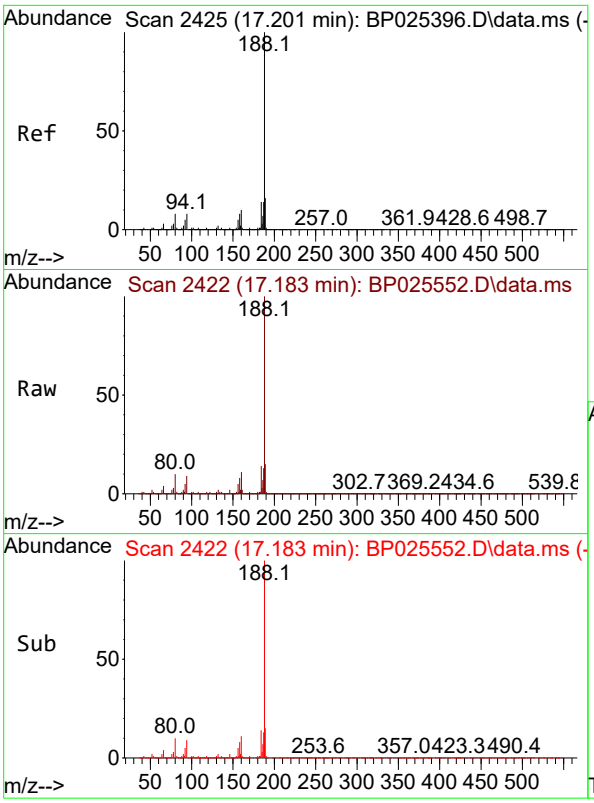


#45
2-Fluorobiphenyl
Concen: 77.810 ng
RT: 13.001 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BP025552.D
Acq: 22 Aug 2025 16:58

Tgt Ion:172 Resp: 2643783

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.1	42.1
170	23.9	18.6	28.0



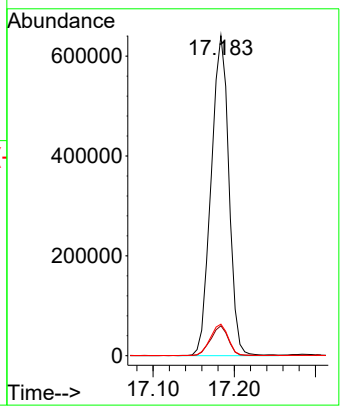


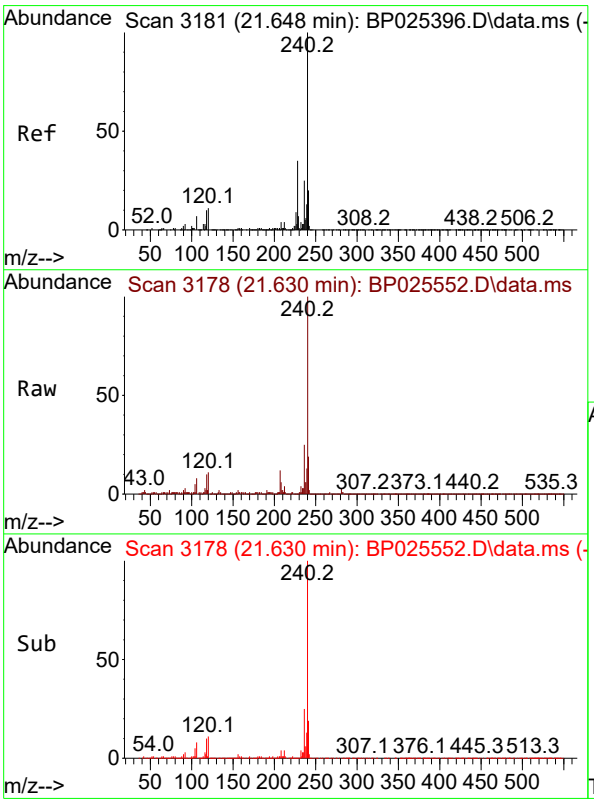
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.183 min Scan# 24
Delta R.T. -0.018 min
Lab File: BP025552.D
Acq: 22 Aug 2025 16:58

Instrument :
BNA_P
ClientSampleId :
MW-8A-082025

Tgt Ion:188 Resp: 972343

Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.6	10.0
80	9.9	6.7	10.1

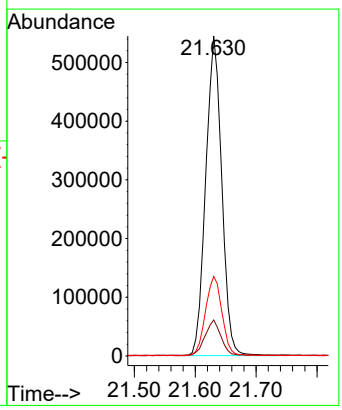


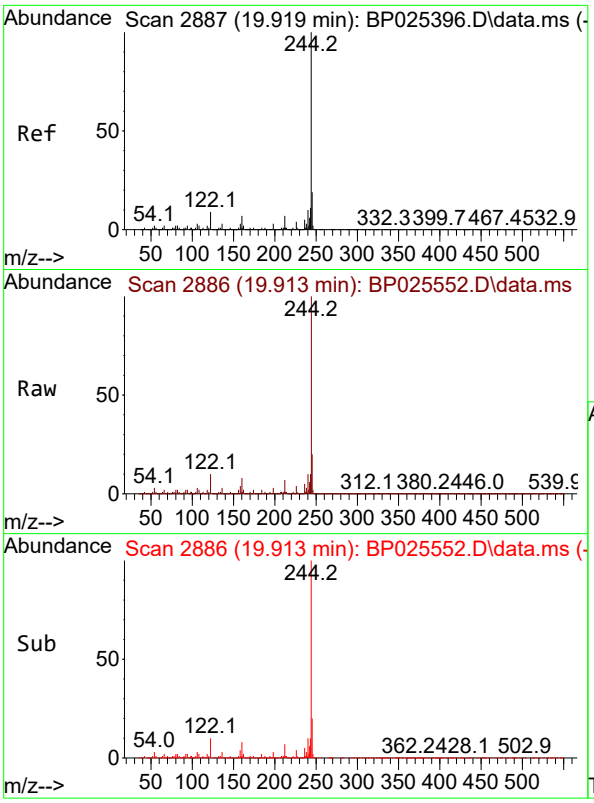


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.018 min
Lab File: BP025552.D
Acq: 22 Aug 2025 16:58

Tgt Ion:240 Resp: 994558

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	24.9	19.8	29.8



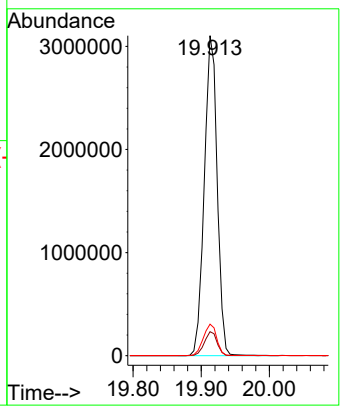


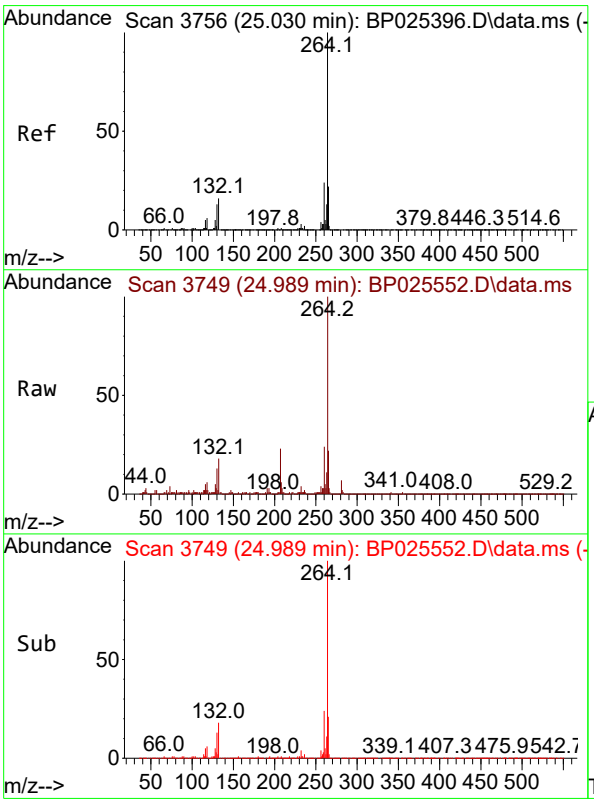
#79
Terphenyl-d14
Concen: 74.927 ng
RT: 19.913 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025552.D
Acq: 22 Aug 2025 16:58

Instrument :
BNA_P
ClientSampleId :
MW-8A-082025

Tgt Ion:244 Resp: 4073022

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	9.9	7.4	11.2

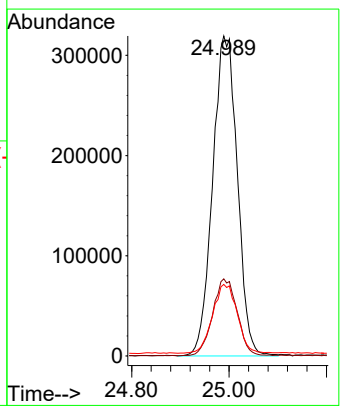




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.989 min Scan# 3749
Delta R.T. -0.041 min
Lab File: BP025552.D
Acq: 22 Aug 2025 16:58

Tgt Ion:264 Resp: 1124626

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	22.3	17.4	26.0



Sample Results: **BP025552.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025552.D
Acq On : 22 Aug 2025 16:58
Operator : CG/JU
Sample : Q2924-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-8A-082025

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: BP025552.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	33	rVB	4149412	5300960	47.80%	10.182%
2	4.937	334	340	350	rVB2	144571	214522	1.93%	0.412%
3	5.396	412	418	431	rBV	1534713	2366188	21.34%	4.545%
4	6.960	677	684	698	rBV	946041	1533400	13.83%	2.945%
5	7.778	815	823	831	rBV	693168	1051315	9.48%	2.019%
6	8.919	1008	1017	1032	rBV	2020513	3547057	31.99%	6.813%
7	10.543	1285	1293	1310	rBV	845057	1462980	13.19%	2.810%
8	13.001	1702	1711	1720	rBV	5101833	7729024	69.70%	14.845%
9	14.384	1940	1946	1954	rBV	1353592	1967372	17.74%	3.779%
10	15.766	2175	2181	2188	rBV	175968	260357	2.35%	0.500%
11	15.901	2196	2204	2223	rBV	4285095	6580211	59.34%	12.639%
12	17.183	2415	2422	2428	rBV2	1595595	2433114	21.94%	4.673%
13	18.125	2577	2582	2591	rBV	366449	599234	5.40%	1.151%
14	19.330	2783	2787	2793	rVB3	122274	179797	1.62%	0.345%
15	19.460	2806	2809	2816	rVB3	87923	129756	1.17%	0.249%
16	19.913	2881	2886	2891	rBV	8444870	11089524	100.00%	21.300%
17	20.460	2977	2979	2983	rBV3	131077	145892	1.32%	0.280%
18	21.630	3172	3178	3187	rVB	1503414	2821653	25.44%	5.420%
19	24.989	3741	3749	3758	rBV2	801275	2651258	23.91%	5.092%

Sum of corrected areas: 52063614

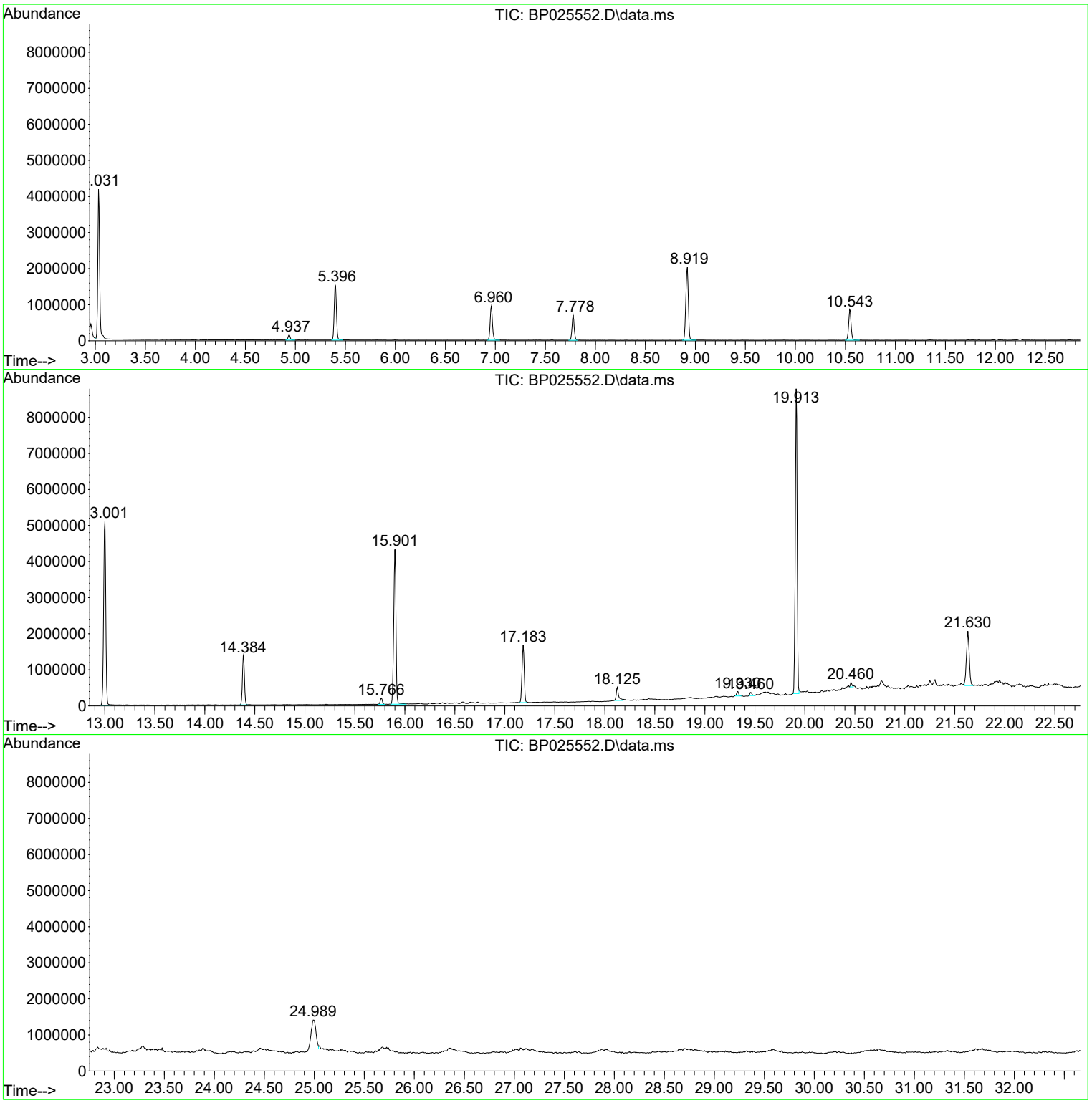
Sample Results: **BP025552.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025552.D
Acq On : 22 Aug 2025 16:58
Operator : CG/JU
Sample : Q2924-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-8A-082025

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



Sample Results: **BP025552.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025552.D
Acq On : 22 Aug 2025 16:58
Operator : CG/JU
Sample : Q2924-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-8A-082025

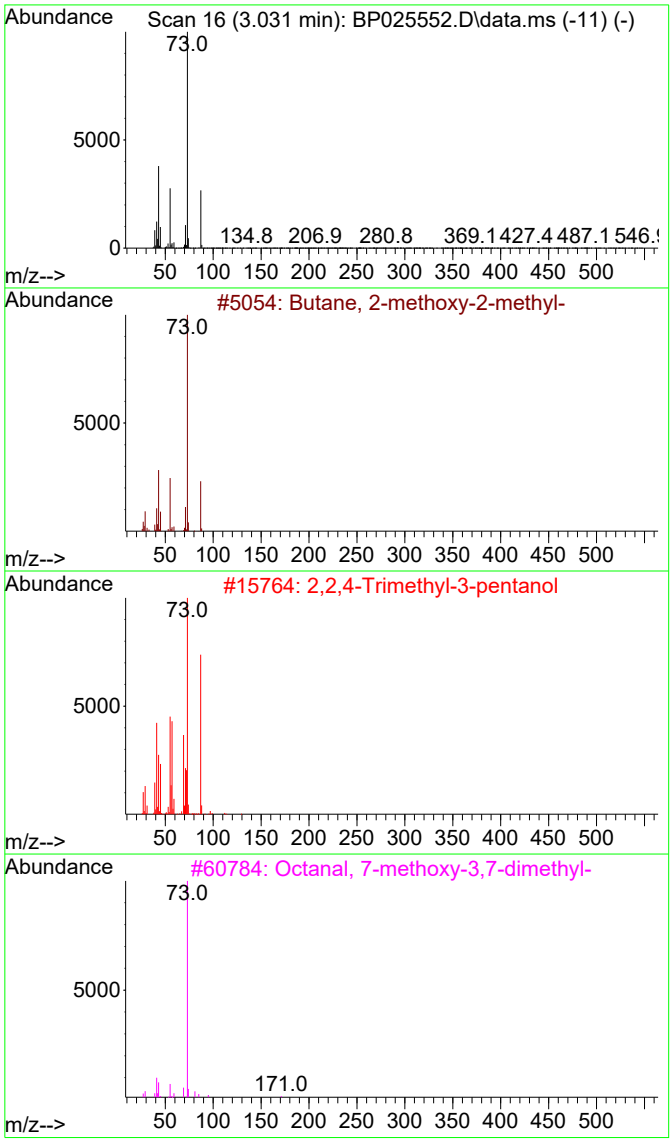
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

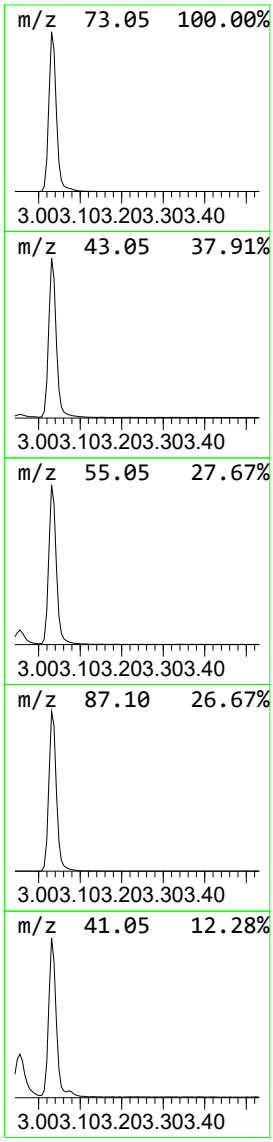
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.031	100.84 ng	5300960	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	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025552.D
Acq On : 22 Aug 2025 16:58
Operator : CG/JU
Sample : Q2924-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-8A-082025

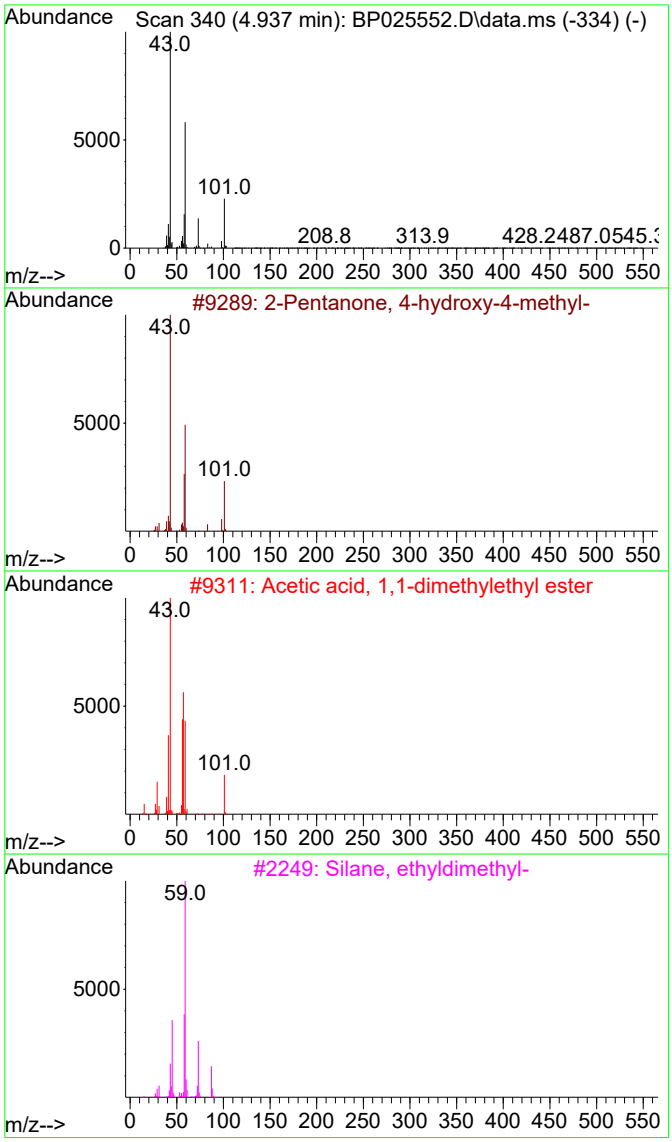
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

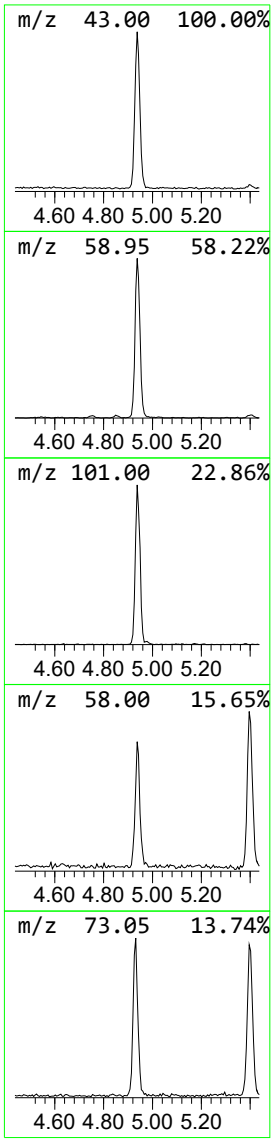
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.937	4.08 ng	214522	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	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
3	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	23
4	.alpha.-Hydroxyisobutyric acid, ...	146	C6H10O4	1000374-31-3	17
5	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025552.D
Acq On : 22 Aug 2025 16:58
Operator : CG/JU
Sample : Q2924-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-8A-082025

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

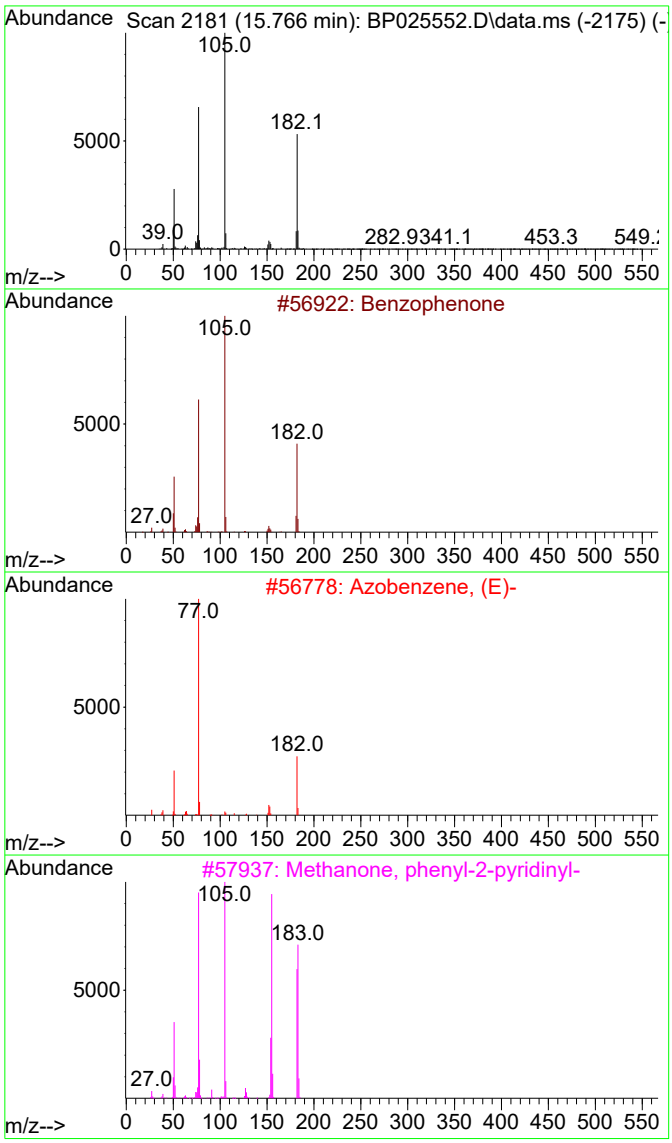
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

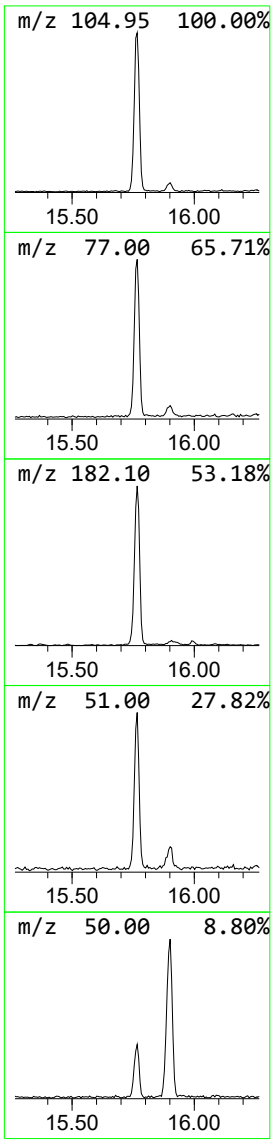
****

Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.766	2.65 ng	260357	Acenaphthene-d10	14.384

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene, (E)-	182	C12H10N2	017082-12-1	59
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
4	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45
5	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025552.D
Acq On : 22 Aug 2025 16:58
Operator : CG/JU
Sample : Q2924-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-8A-082025

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

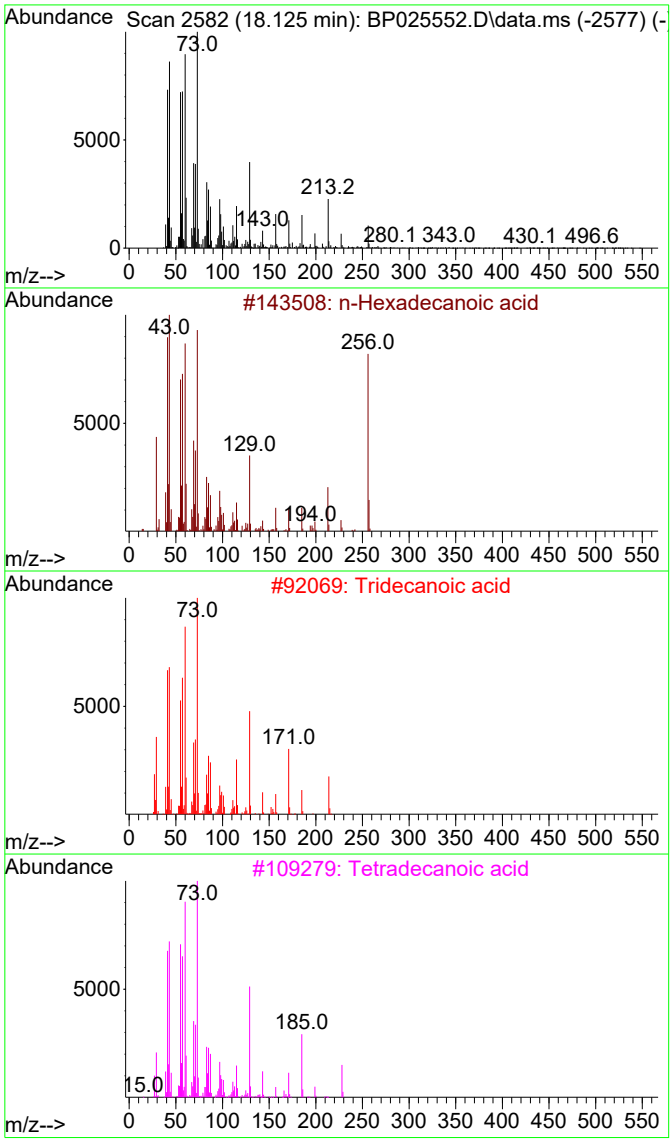
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

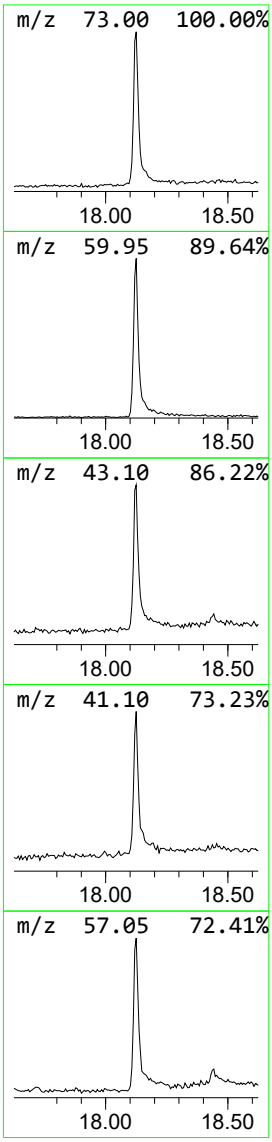
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.125	4.93 ng	599234	Phenanthrene-d10	17.183

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





Sample Results: **BP025552.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025552.D
Acq On : 22 Aug 2025 16:58
Operator : CG/JU
Sample : Q2924-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-8A-082025

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	100.8	ng	5300960	1	7.778	1051320	20.0
2-Pentanone, 4-...	4.937	4.1	ng	214522	1	7.778	1051320	20.0
Benzophenone	15.766	2.6	ng	260357	3	14.384	1967370	20.0
n-Hexadecanoic ...	18.125	4.9	ng	599234	4	17.183	2433110	20.0

Raw Data: **BF143601.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	FB-01-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-11	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143601.D	1	08/22/25 10:34	08/27/25 11:53	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.4	U	4.10	10.4	ug/L
108-95-2	Phenol	5.20	U	0.95	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.20	U	0.84	5.20	ug/L
95-57-8	2-Chlorophenol	5.20	U	0.60	5.20	ug/L
95-48-7	2-Methylphenol	5.20	U	1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.20	U	1.30	5.20	ug/L
98-86-2	Acetophenone	5.20	U	0.77	5.20	ug/L
65794-96-9	3+4-Methylphenols	10.4	U	1.10	10.4	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.60	U	1.50	2.60	ug/L
67-72-1	Hexachloroethane	5.20	U	0.68	5.20	ug/L
98-95-3	Nitrobenzene	5.20	U	0.79	5.20	ug/L
78-59-1	Isophorone	5.20	U	0.78	5.20	ug/L
88-75-5	2-Nitrophenol	5.20	U	1.80	5.20	ug/L
105-67-9	2,4-Dimethylphenol	5.20	U	1.90	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.20	U	0.71	5.20	ug/L
120-83-2	2,4-Dichlorophenol	5.20	U	0.54	5.20	ug/L
91-20-3	Naphthalene	5.20	U	0.52	5.20	ug/L
106-47-8	4-Chloroaniline	5.20	U	0.88	5.20	ug/L
87-68-3	Hexachlorobutadiene	5.20	U	0.56	5.20	ug/L
105-60-2	Caprolactam	10.4	U	1.20	10.4	ug/L
59-50-7	4-Chloro-3-methylphenol	5.20	U	0.61	5.20	ug/L
91-57-6	2-Methylnaphthalene	5.20	U	0.58	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	10.4	U	3.80	10.4	ug/L
88-06-2	2,4,6-Trichlorophenol	5.20	U	0.53	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	5.20	U	0.65	5.20	ug/L
92-52-4	1,1-Biphenyl	5.20	U	0.55	5.20	ug/L
91-58-7	2-Chloronaphthalene	5.20	U	0.64	5.20	ug/L
88-74-4	2-Nitroaniline	5.20	U	1.30	5.20	ug/L
131-11-3	Dimethylphthalate	5.20	U	0.64	5.20	ug/L

Raw Data: **BF143601.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	FB-01-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-11	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143601.D	1	08/22/25 10:34	08/27/25 11:53	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.20	U	0.78	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	5.20	U	0.96	5.20	ug/L
99-09-2	3-Nitroaniline	5.20	U	1.10	5.20	ug/L
83-32-9	Acenaphthene	5.20	U	0.57	5.20	ug/L
51-28-5	2,4-Dinitrophenol	10.4	U	6.20	10.4	ug/L
100-02-7	4-Nitrophenol	10.4	U	2.50	10.4	ug/L
132-64-9	Dibenzofuran	5.20	U	0.64	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	5.20	U	1.30	5.20	ug/L
84-66-2	Diethylphthalate	5.20	U	0.72	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.20	U	0.71	5.20	ug/L
86-73-7	Fluorene	5.20	U	0.66	5.20	ug/L
100-01-6	4-Nitroaniline	5.20	U	1.60	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.4	U	3.00	10.4	ug/L
86-30-6	n-Nitrosodiphenylamine	5.20	U	0.60	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	5.20	U	0.42	5.20	ug/L
118-74-1	Hexachlorobenzene	5.20	U	0.54	5.20	ug/L
1912-24-9	Atrazine	5.20	U	1.10	5.20	ug/L
87-86-5	Pentachlorophenol	10.4	U	1.60	10.4	ug/L
85-01-8	Phenanthrene	5.20	U	0.52	5.20	ug/L
120-12-7	Anthracene	5.20	U	0.64	5.20	ug/L
86-74-8	Carbazole	5.20	U	0.75	5.20	ug/L
84-74-2	Di-n-butylphthalate	5.20	U	1.30	5.20	ug/L
206-44-0	Fluoranthene	5.20	U	0.85	5.20	ug/L
129-00-0	Pyrene	5.20	U	0.52	5.20	ug/L
85-68-7	Butylbenzylphthalate	5.20	U	2.00	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	10.4	U	0.97	10.4	ug/L
56-55-3	Benzo(a)anthracene	5.20	U	0.47	5.20	ug/L
218-01-9	Chrysene	5.20	U	0.46	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.20	U	1.70	5.20	ug/L
117-84-0	Di-n-octyl phthalate	10.4	U	2.40	10.4	ug/L
205-99-2	Benzo(b)fluoranthene	5.20	U	0.51	5.20	ug/L

Raw Data: **BF143601.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	FB-01-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-11	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143601.D	1	08/22/25 10:34	08/27/25 11:53	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.20	U	0.50	5.20	ug/L
50-32-8	Benzo(a)pyrene	5.20	U	0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.20	U	0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.20	U	0.70	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	5.20	U	0.72	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.20	U	0.54	5.20	ug/L
123-91-1	1,4-Dioxane	5.20	U	1.00	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.20	U	0.75	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	66.7		23 - 138	44%	SPK: 150
13127-88-3	Phenol-d6	42.0		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	114		67 - 132	114%	SPK: 100
321-60-8	2-Fluorobiphenyl	93.8		52 - 132	94%	SPK: 100
118-79-6	2,4,6-Tribromophenol	147		44 - 137	98%	SPK: 150
1718-51-0	Terphenyl-d14	99.4		42 - 152	99%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	111000	6.893			
1146-65-2	Naphthalene-d8	429000	8.169			
15067-26-2	Acenaphthene-d10	235000	9.922			
1517-22-2	Phenanthrene-d10	345000	11.41			
1719-03-5	Chrysene-d12	186000	14.045			
1520-96-3	Perylene-d12	227000	15.521			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.90	AB		5.11	ug/L

Raw Data: **BF143601.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	FB-01-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-11	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143601.D	1	08/22/25 10:34	08/27/25 11:53	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Sample Results: **BF143601.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143601.D
Acq On : 27 Aug 2025 11:53
Operator : RC/JU
Sample : Q2924-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-01-082025

Quant Time: Aug 27 12:15:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration

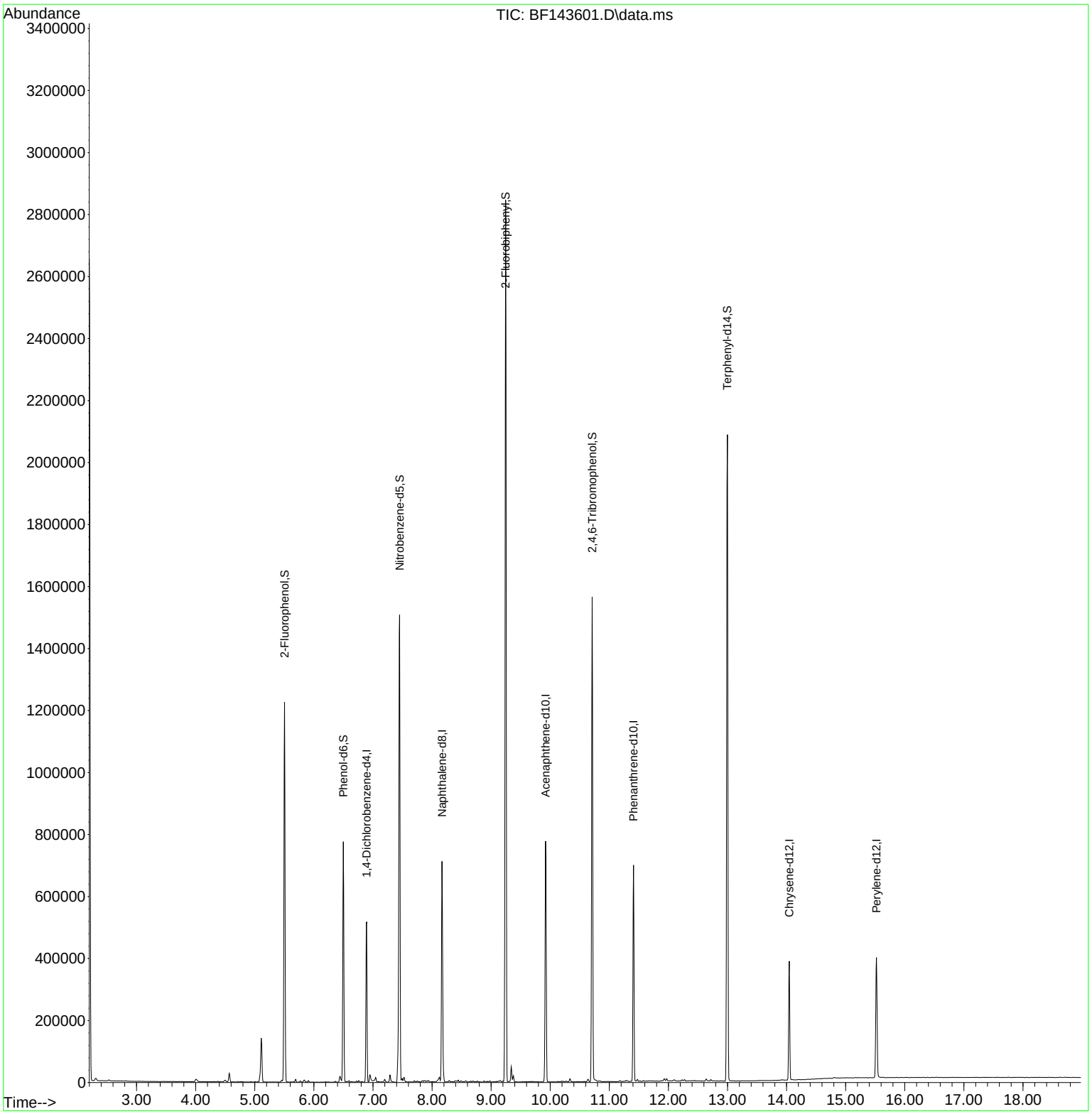
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	111189	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	428717	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	235375	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	345422	20.000	ng	0.00
76) Chrysene-d12	14.045	240	186452	20.000	ng	0.00
86) Perylene-d12	15.521	264	227431	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	435909	66.725	ng	0.00
7) Phenol-d6	6.498	99	339890	42.006	ng	-0.01
23) Nitrobenzene-d5	7.451	82	684620	114.020	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	269887	146.624	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1291128	93.787	ng	0.00
79) Terphenyl-d14	12.998	244	1033143	99.434	ng	0.00
Target Compounds						Qvalue

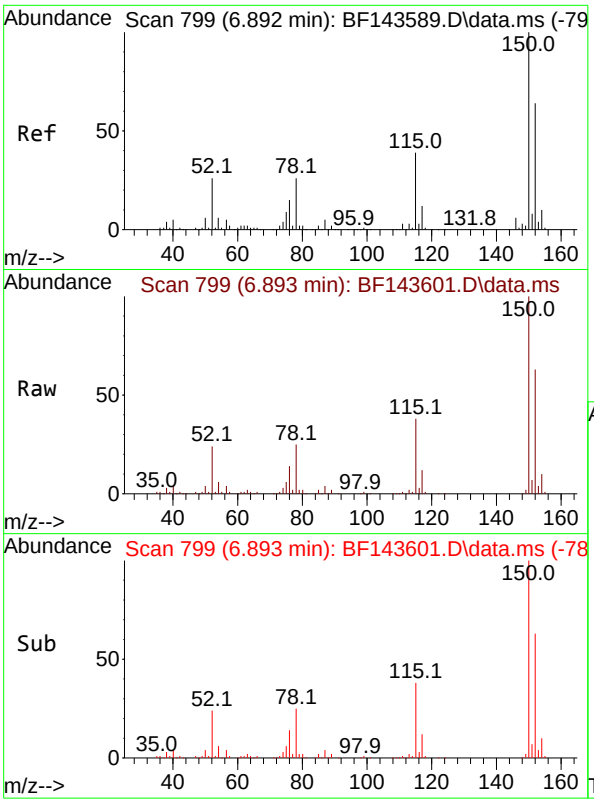
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143601.D
Acq On : 27 Aug 2025 11:53
Operator : RC/JU
Sample : Q2924-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-01-082025

Quant Time: Aug 27 12:15:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration



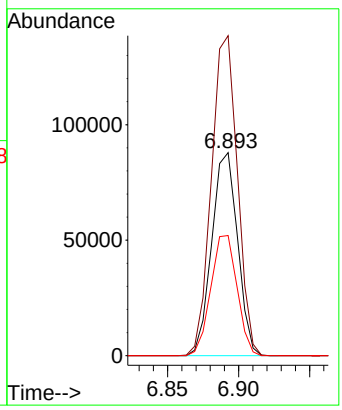


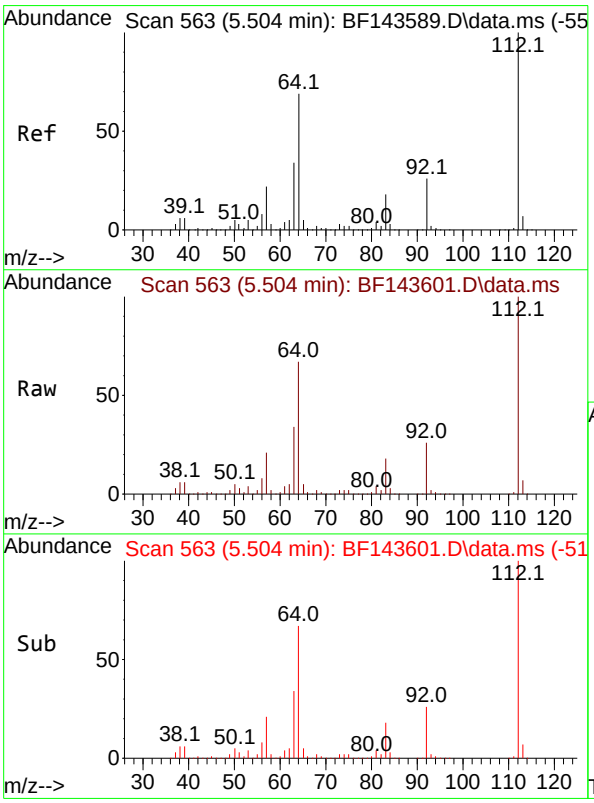
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 7
Delta R.T. 0.001 min
Lab File: BF143601.D
Acq: 27 Aug 2025 11:53

Instrument :
BNA_F
ClientSampleId :
FB-01-082025

Tgt Ion:152 Resp: 111189

Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.9	187.3
115	59.1	48.0	72.0

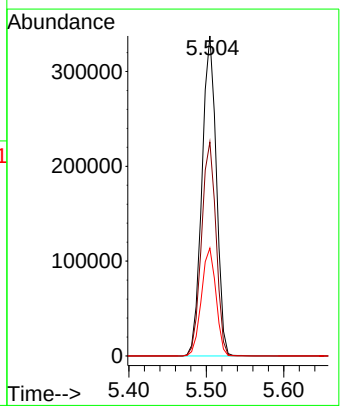


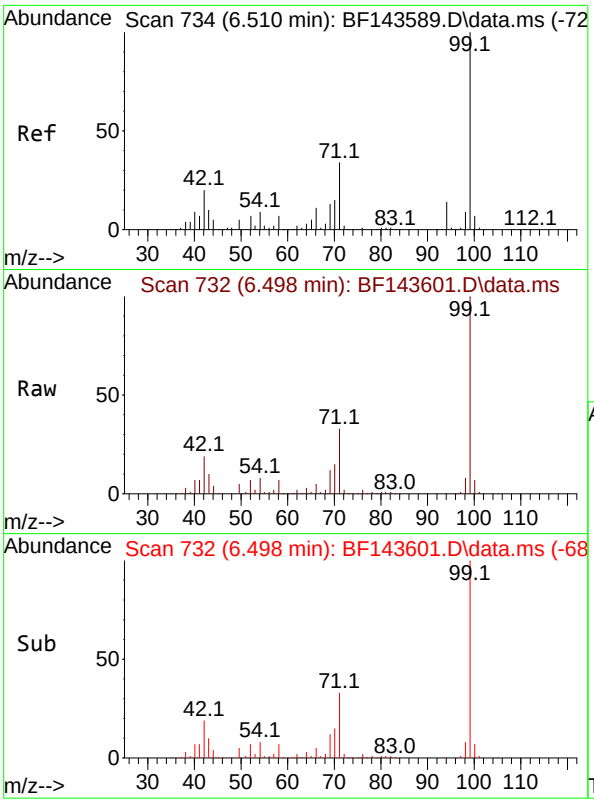


#5
2-Fluorophenol
Concen: 66.725 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.000 min
Lab File: BF143601.D
Acq: 27 Aug 2025 11:53

Tgt Ion:112 Resp: 435909

Ion	Ratio	Lower	Upper
112	100		
64	66.9	54.8	82.2
63	33.7	27.6	41.4



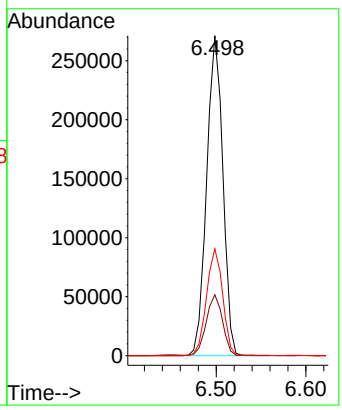


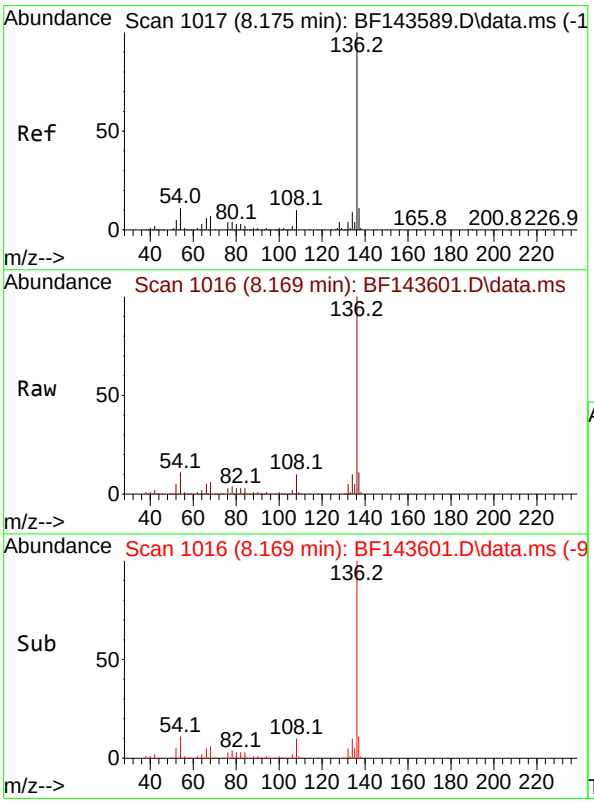
#7
Phenol-d6
Concen: 42.006 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143601.D
Acq: 27 Aug 2025 11:53

Instrument :
BNA_F
ClientSampleId :
FB-01-082025

Tgt Ion: 99 Resp: 339890

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.9	23.9
71	33.4	27.2	40.8

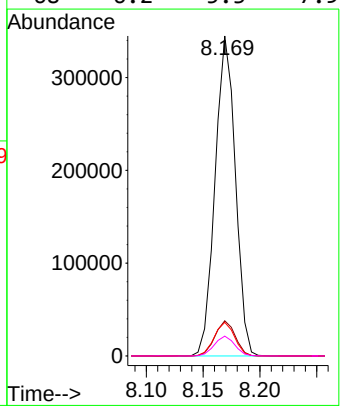


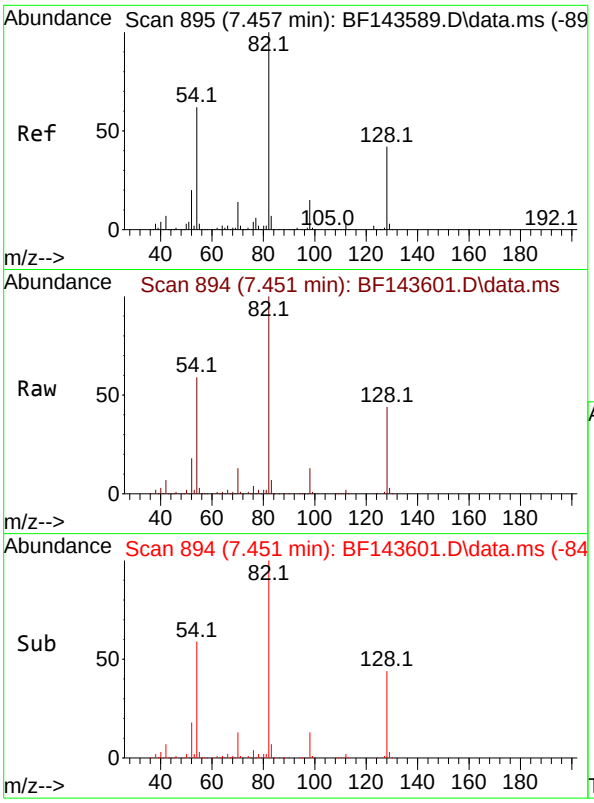


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143601.D
Acq: 27 Aug 2025 11:53

Tgt Ion:136 Resp: 428717

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.5	9.0	13.6
68	6.2	5.3	7.9



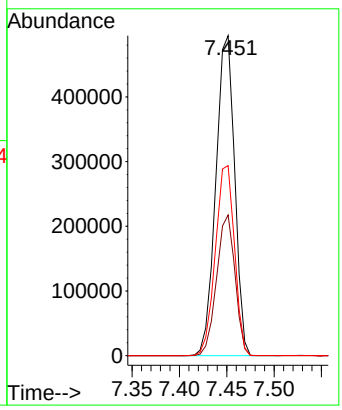


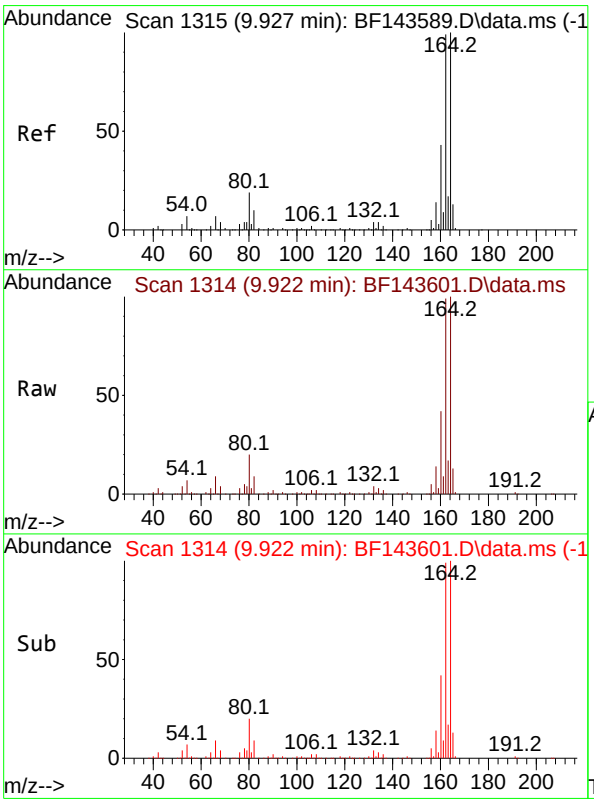
#23
Nitrobenzene-d5
Concen: 114.020 ng
RT: 7.451 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143601.D
Acq: 27 Aug 2025 11:53

Instrument :
BNA_F
ClientSampleId :
FB-01-082025

Tgt Ion: 82 Resp: 684620

Ion	Ratio	Lower	Upper
82	100		
128	44.0	33.4	50.2
54	59.4	49.3	73.9

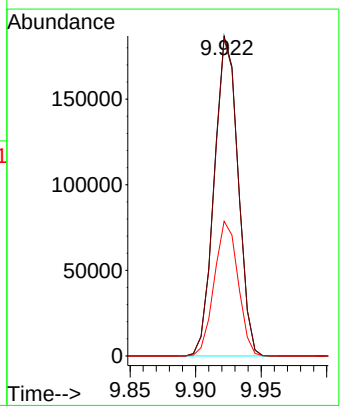


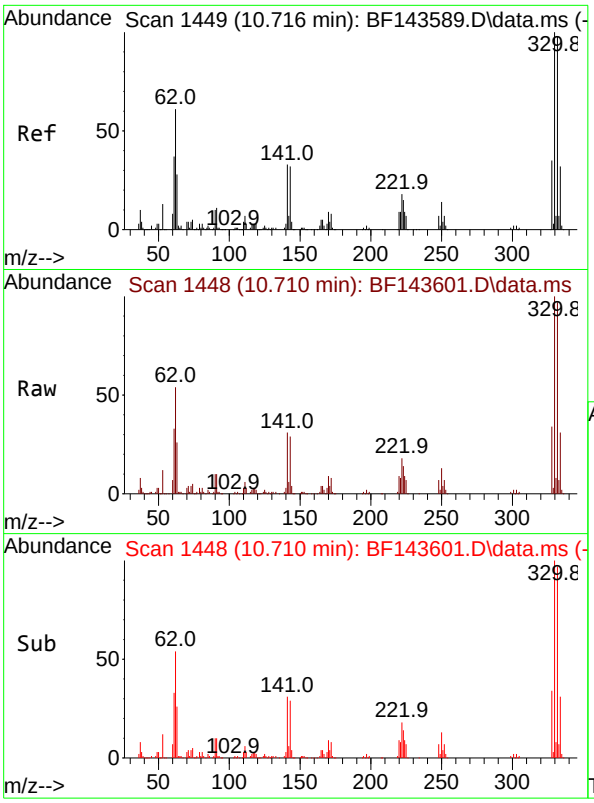


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF143601.D
Acq: 27 Aug 2025 11:53

Tgt Ion:164 Resp: 235375

Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.5	119.3
160	42.1	34.2	51.4



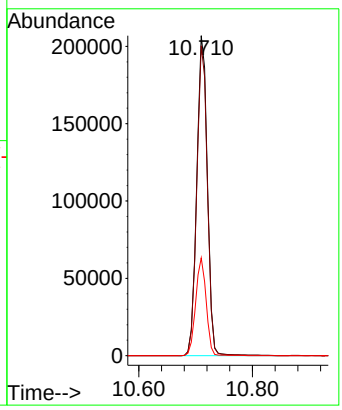


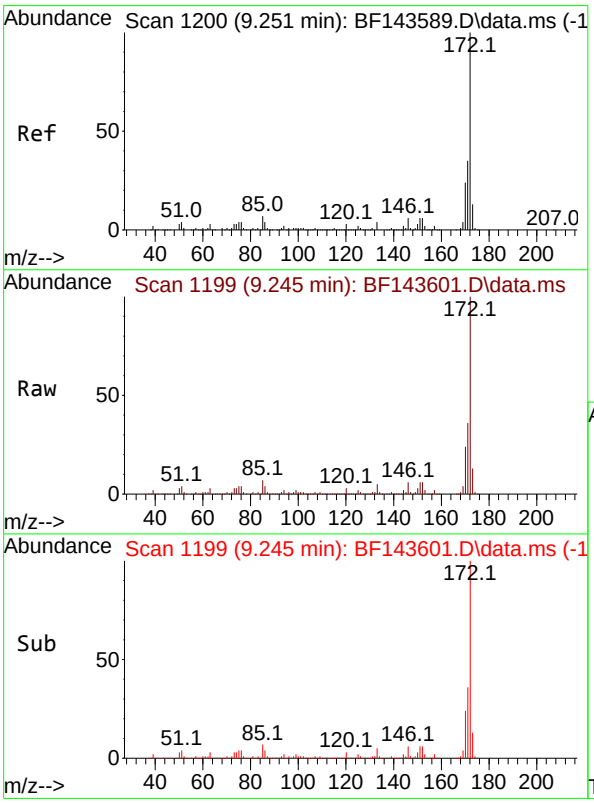
#42
2,4,6-Tribromophenol
Concen: 146.624 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143601.D
Acq: 27 Aug 2025 11:53

Instrument :
BNA_F
ClientSampleId :
FB-01-082025

Tgt Ion:330 Resp: 269887

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.2	117.4
141	30.3	25.4	38.0

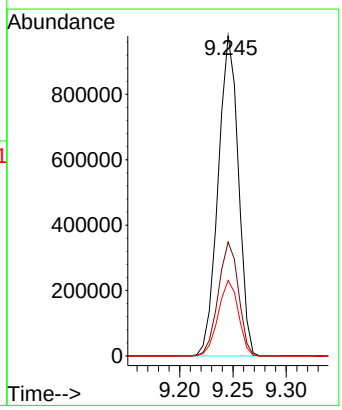


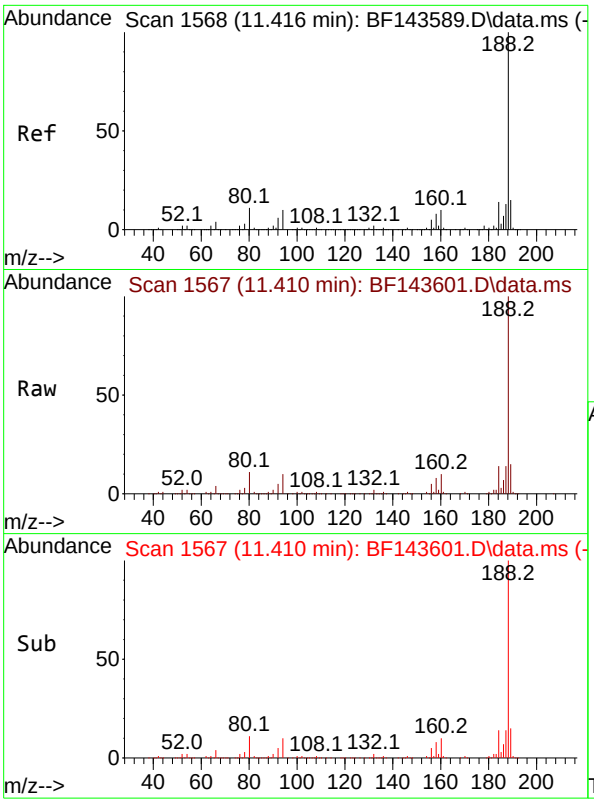


#45
2-Fluorobiphenyl
Concen: 93.787 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143601.D
Acq: 27 Aug 2025 11:53

Tgt Ion:172 Resp: 1291128

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.3	42.5
170	23.6	19.0	28.4



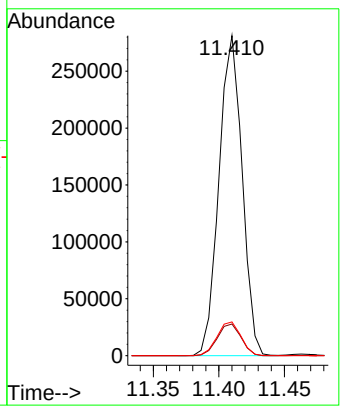


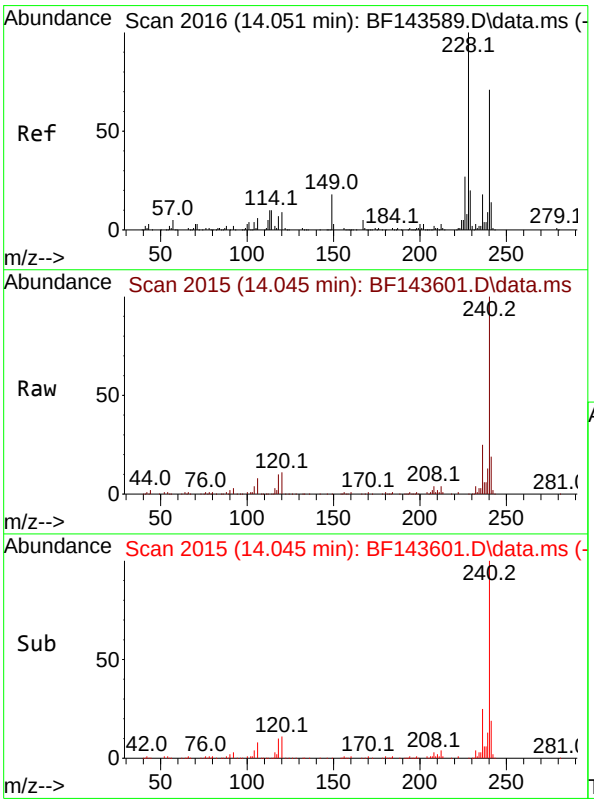
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143601.D
Acq: 27 Aug 2025 11:53

Instrument :
BNA_F
ClientSampleId :
FB-01-082025

Tgt Ion:188 Resp: 345422

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.2	12.4
80	10.6	8.9	13.3

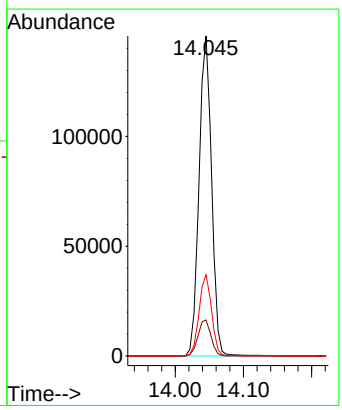


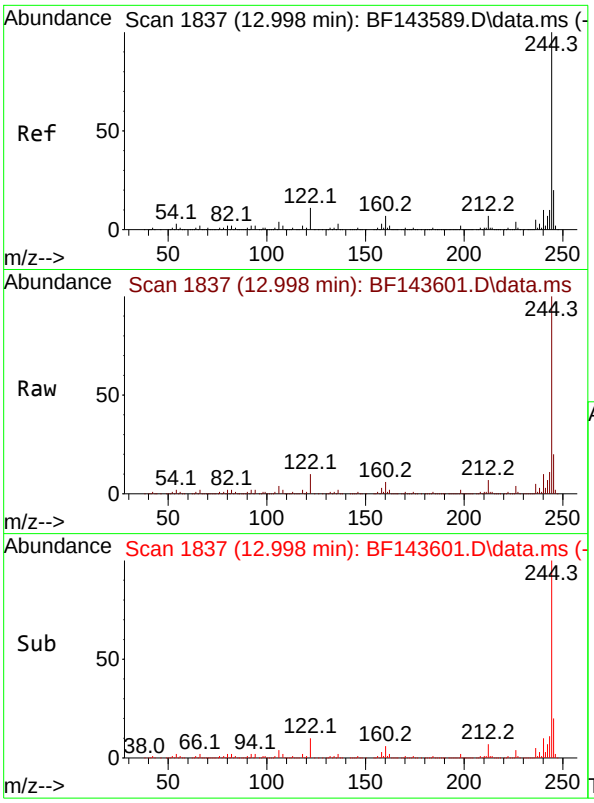


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143601.D
Acq: 27 Aug 2025 11:53

Tgt Ion:240 Resp: 186452

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.6	14.4
236	25.3	20.2	30.2



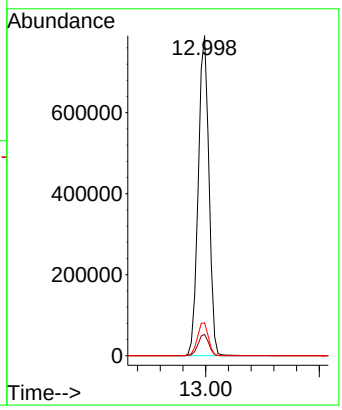


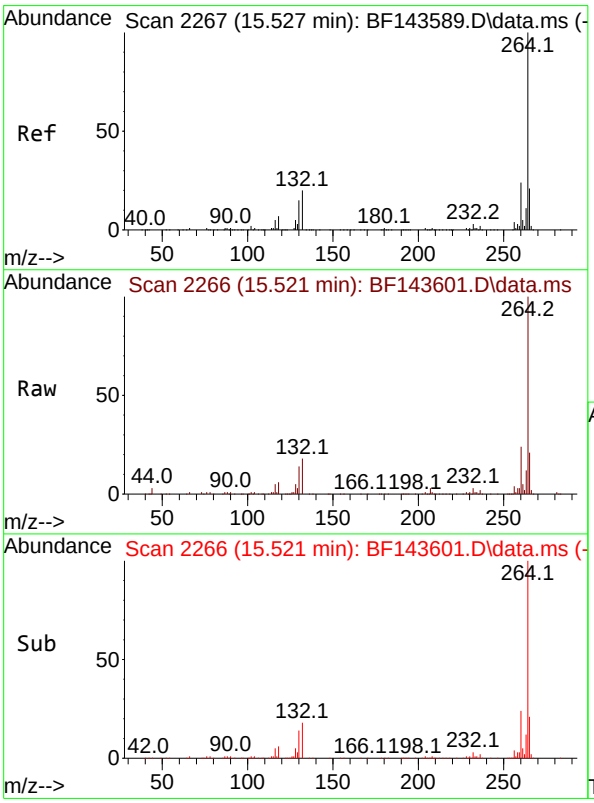
#79
Terphenyl-d14
Concen: 99.434 ng
RT: 12.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143601.D
Acq: 27 Aug 2025 11:53

Instrument :
BNA_F
ClientSampleId :
FB-01-082025

Tgt Ion:244 Resp: 1033143

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	10.2	8.8	13.2

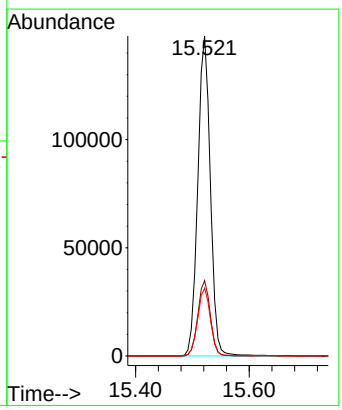




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF143601.D
Acq: 27 Aug 2025 11:53

Tgt Ion:264 Resp: 227431

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.2	17.0	25.4



Sample Results: **BF143601.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143601.D
Acq On : 27 Aug 2025 11:53
Operator : RC/JU
Sample : Q2924-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-01-082025

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143601.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.569	398	404	410	rVB	27909	39738	1.06%	0.219%
2	5.110	488	496	503	rVB2	141043	220775	5.90%	1.218%
3	5.504	557	563	568	rVB	1224075	1587883	42.42%	8.759%
4	6.498	727	732	737	rVB	773762	973482	26.00%	5.370%
5	6.893	793	799	804	rBV	517029	664174	17.74%	3.664%
6	6.951	804	809	816	rBV	23077	41077	1.10%	0.227%
7	7.451	884	894	899	rBV	1507556	2183361	58.32%	12.043%
8	8.169	1011	1016	1028	rVB	711742	921406	24.61%	5.083%
9	9.245	1193	1199	1204	rVB	2843371	3743637	100.00%	20.650%
10	9.339	1210	1215	1219	rBV	47709	60457	1.61%	0.333%
11	9.922	1305	1314	1319	rBV	776872	996628	26.62%	5.497%
12	10.710	1442	1448	1453	rBV	1563858	2020725	53.98%	11.146%
13	11.410	1561	1567	1572	rBV	696982	862299	23.03%	4.756%
14	12.998	1831	1837	1842	rBV	2084781	2733053	73.01%	15.076%
15	14.045	2010	2015	2022	rBV	383237	486900	13.01%	2.686%
16	15.521	2259	2266	2277	rBV	387571	593378	15.85%	3.273%

Sum of corrected areas: 18128973

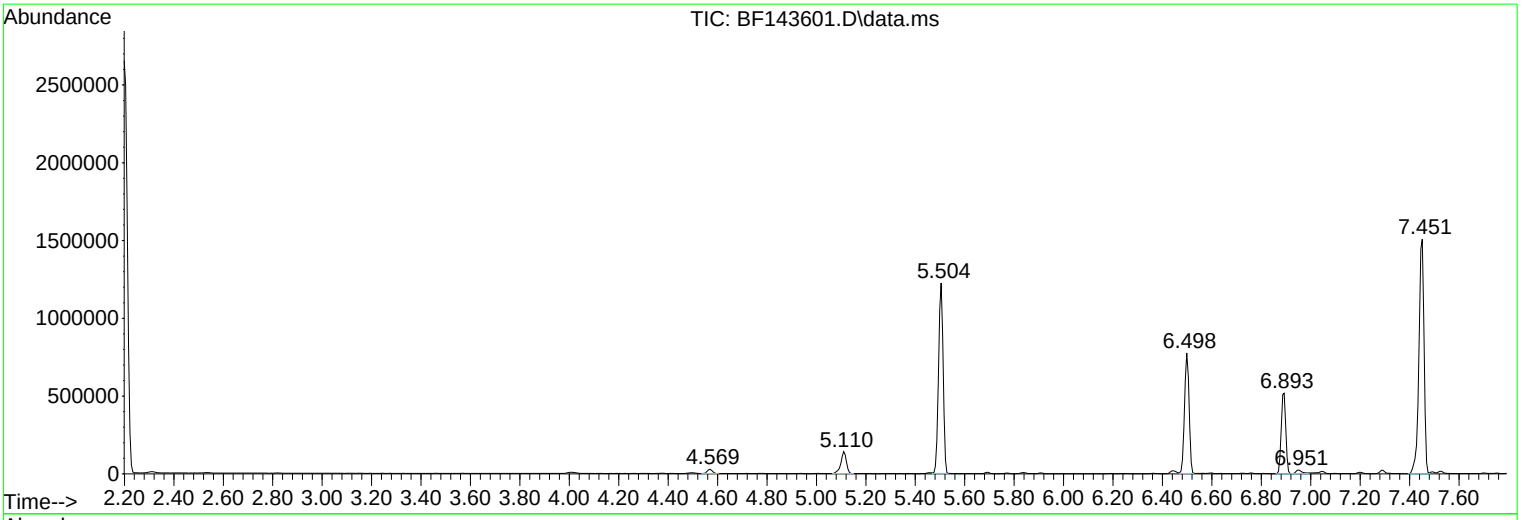
Sample Results: **BF143601.D**

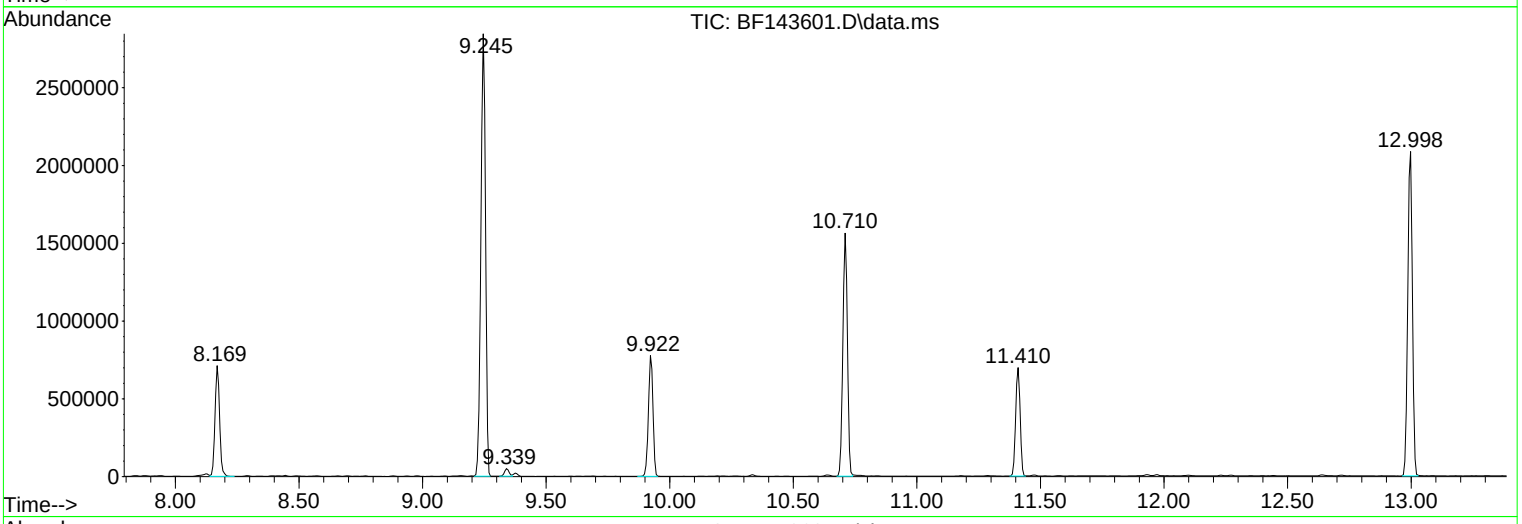
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143601.D
Acq On : 27 Aug 2025 11:53
Operator : RC/JU
Sample : Q2924-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

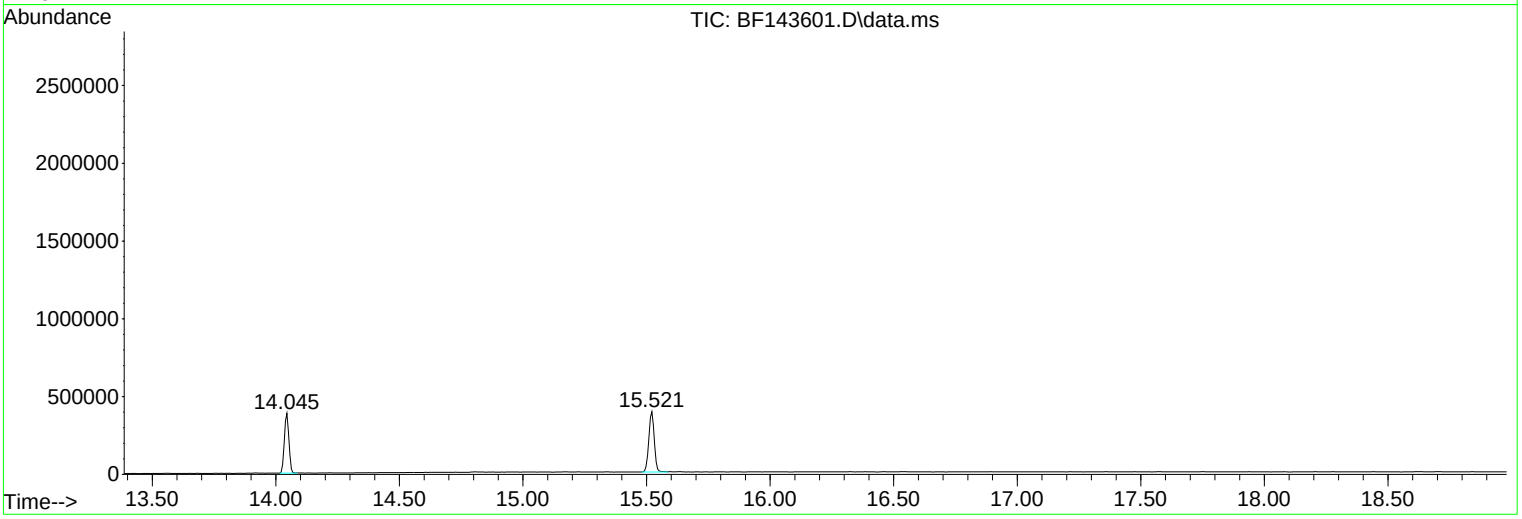
Instrument :
BNA_F
ClientSampleId :
FB-01-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143601.D
Acq On : 27 Aug 2025 11:53
Operator : RC/JU
Sample : Q2924-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-01-082025

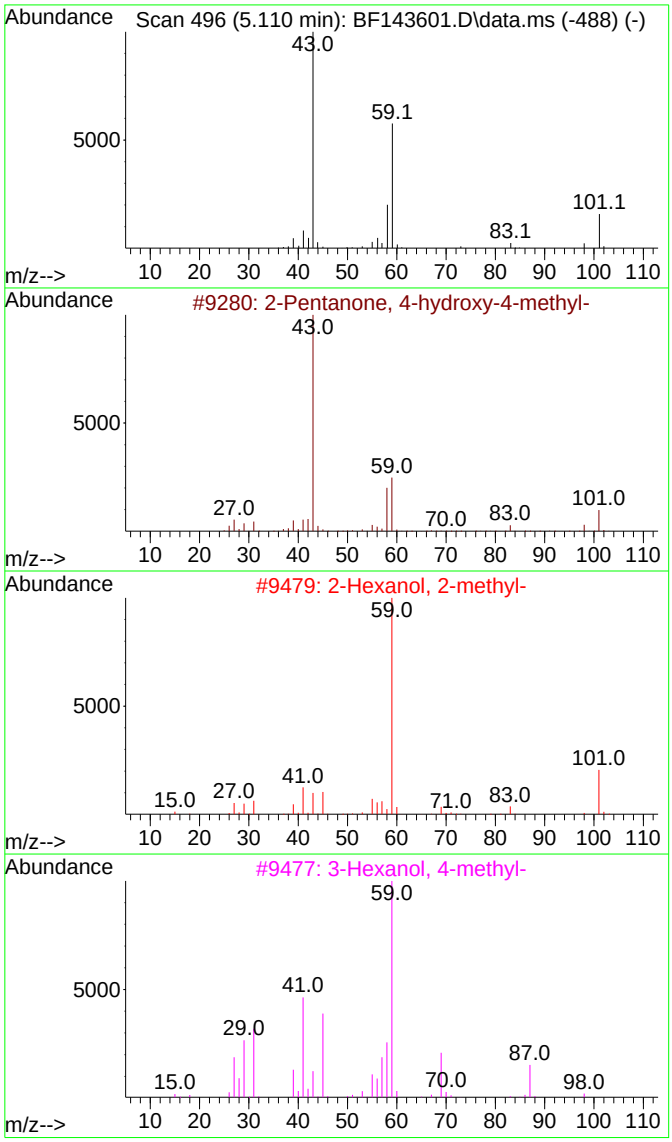
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

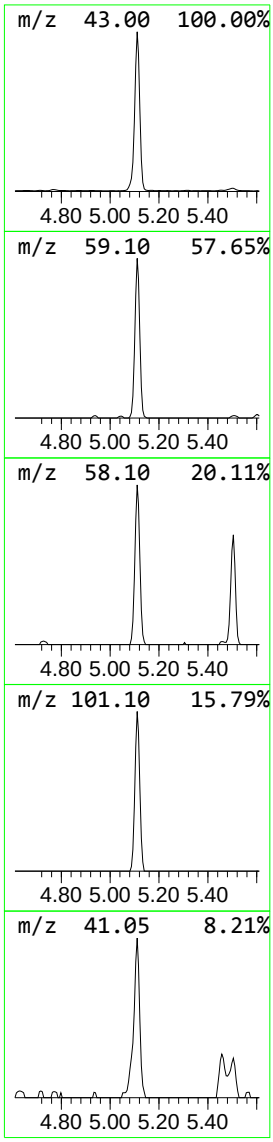
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	6.65 ng	220775	1,4-Dichlorobenzene-d4	6.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	37
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12





Sample Results: **BF143601.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143601.D
Acq On : 27 Aug 2025 11:53
Operator : RC/JU
Sample : Q2924-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-01-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.110	6.7	ng	220775	1	6.893	664174	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: AECO02

Lab Code: ACE SDG No.: Q2924

Instrument ID: BNA_F Calibration Date(s): 08/20/2025 08/20/2025

Calibration Time(s): 10:55 14:20

LAB FILE ID: RRF2.5 = BF143477.D RRF005 = BF143478.D RRF010 = BF143479.D
RRF020 = BF143480.D RRF040 = BF143481.D RRF050 = BF143482.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.203	1.198	1.194	1.138	1.087	1.145	4.9
Benzaldehyde			1.008	0.981	1.200	1.133	1.145	14.8
Phenol-d6		1.536	1.460	1.471	1.407	1.342	1.414	5.8
Phenol		1.741	1.695	1.725	1.646	1.554	1.629	6.4
bis(2-Chloroethyl)ether		1.296	1.230	1.235	1.213	1.170	1.217	3.8
2-Chlorophenol		1.301	1.284	1.302	1.268	1.229	1.265	2.9
2-Methylphenol		1.052	1.042	1.056	1.011	0.975	1.015	3.7
2,2-oxybis(1-Chloropropane)		2.144	2.104	2.053	1.954	1.805	1.947	8.4
Acetophenone		0.489	0.464	0.459	0.418	0.402	0.432	9.0
3+4-Methylphenols			1.337	1.320	1.218	1.143	1.212	8.4
n-Nitroso-di-n-propylamine	0.922	0.943	0.912	0.879	0.844	0.800	0.864	6.9
Nitrobenzene-d5		0.354	0.345	0.357	0.344	0.335	0.343	3.2
Hexachloroethane		0.495	0.498	0.502	0.491	0.462	0.485	3.8
Nitrobenzene		0.353	0.351	0.366	0.356	0.348	0.353	2.6
Isophorone		0.666	0.630	0.644	0.621	0.608	0.628	3.4
2-Nitrophenol		0.162	0.165	0.177	0.177	0.175	0.173	3.8
2,4-Dimethylphenol		0.283	0.272	0.281	0.270	0.262	0.269	4.1
bis(2-Chloroethoxy)methane		0.409	0.399	0.401	0.386	0.371	0.386	4.7
2,4-Dichlorophenol		0.293	0.299	0.303	0.288	0.281	0.288	4.3
Naphthalene		1.069	1.009	1.014	0.943	0.907	0.960	7.6
4-Chloroaniline		0.359	0.345	0.362	0.343	0.331	0.341	4.9
Hexachlorobutadiene		0.207	0.199	0.201	0.192	0.186	0.193	5.2
Caprolactam			0.063	0.068	0.071	0.071	0.069	5.0
4-Chloro-3-methylphenol		0.303	0.292	0.303	0.287	0.280	0.288	4.3
2-Methylnaphthalene		0.716	0.684	0.684	0.633	0.600	0.641	8.6
Hexachlorocyclopentadiene			0.098	0.153	0.198	0.205	0.184	27.0
2,4,6-Trichlorophenol		0.338	0.347	0.364	0.364	0.351	0.352	3.2
2-Fluorobiphenyl		1.445	1.336	1.323	1.156	1.106	1.210	13.2
2,4,5-Trichlorophenol		0.391	0.376	0.413	0.382	0.377	0.385	3.9
1,1-Biphenyl		1.582	1.505	1.519	1.399	1.335	1.420	8.4
2-Chloronaphthalene		1.222	1.165	1.172	1.105	1.056	1.114	6.8
2-Nitroaniline		0.314	0.313	0.338	0.337	0.329	0.326	3.2
Dimethylphthalate		1.293	1.219	1.252	1.201	1.159	1.205	4.6
Acenaphthylene		1.747	1.663	1.687	1.580	1.516	1.595	6.9

All other compounds must meet a minimum RRF of 0.010.

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2924

Instrument ID: BNA_F Calibration Date(s): 08/20/2025 08/20/2025

Calibration Time(s): 10:55 14:20

LAB FILE ID: RRF2.5 = BF143477.D RRF005 = BF143478.D RRF010 = BF143479.D
RRF020 = BF143480.D RRF040 = BF143481.D RRF050 = BF143482.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.224	0.237	0.259	0.259	0.260	0.250	5.6
3-Nitroaniline		0.260	0.257	0.280	0.278	0.273	0.270	3.2
Acenaphthene		1.170	1.131	1.137	1.076	1.037	1.083	6.1
2,4-Dinitrophenol			0.072	0.099	0.120	0.132	0.115	21.9
4-Nitrophenol			0.115	0.147	0.171	0.177	0.161	15.8
Dibenzofuran		1.717	1.625	1.647	1.523	1.461	1.544	7.9
2,4-Dinitrotoluene		0.292	0.318	0.349	0.351	0.344	0.333	6.4
Diethylphthalate		1.172	1.097	1.110	1.084	1.053	1.080	5.0
4-Chlorophenyl-phenylether		0.671	0.624	0.628	0.585	0.558	0.594	8.3
Fluorene		1.367	1.286	1.270	1.158	1.111	1.188	10.2
4-Nitroaniline		0.230	0.237	0.258	0.257	0.255	0.248	4.3
4,6-Dinitro-2-methylphenol			0.085	0.103	0.119	0.120	0.113	14.0
n-Nitrosodiphenylamine		0.684	0.661	0.679	0.641	0.615	0.644	5.3
2,4,6-Tribromophenol		0.191	0.188	0.194	0.188	0.181	0.186	3.1
4-Bromophenyl-phenylether		0.243	0.240	0.250	0.241	0.230	0.239	3.3
Hexachlorobenzene		0.266	0.262	0.267	0.257	0.248	0.257	3.5
Atrazine		0.154	0.156	0.164	0.168	0.171	0.166	5.1
Pentachlorophenol			0.088	0.106	0.124	0.127	0.118	14.5
Phenanthrene		1.188	1.123	1.130	1.039	1.015	1.071	7.2
Anthracene		1.191	1.144	1.148	1.074	1.022	1.085	7.2
Carbazole		0.949	0.925	0.932	0.882	0.849	0.889	5.3
Di-n-butylphthalate		0.782	0.800	0.830	0.850	0.833	0.829	3.5
Fluoranthene		1.061	1.020	1.002	0.946	0.914	0.961	7.2
Pyrene		1.891	1.768	1.793	1.635	1.590	1.645	11.6
Terphenyl-d14		1.341	1.255	1.248	1.130	1.094	1.146	12.9
Butylbenzylphthalate		0.380	0.402	0.443	0.467	0.461	0.449	10.1
3,3-Dichlorobenzidine			0.353	0.386	0.373	0.354	0.369	3.6
Benzo(a)anthracene		1.302	1.274	1.300	1.318	1.266	1.288	2.3
Chrysene		1.251	1.195	1.213	1.113	1.089	1.157	5.3
Bis(2-ethylhexyl)phthalate		0.600	0.626	0.699	0.710	0.690	0.685	8.1
Di-n-octyl phthalate			1.129	1.289	1.298	1.251	1.268	7.4
Benzo(b)fluoranthene		1.135	1.147	1.182	1.074	1.058	1.112	4.2
Benzo(k)fluoranthene		1.157	1.014	1.056	1.081	1.034	1.064	5.1
Benzo(a)pyrene		1.033	1.021	1.074	1.032	1.010	1.032	2.1
Indeno(1,2,3-cd)pyrene		1.425	1.433	1.565	1.449	1.427	1.437	5.5

All other compounds must meet a minimum RRF of 0.010.

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2924

Instrument ID: BNA_F Calibration Date(s): 08/20/2025 08/20/2025

Calibration Time(s): 10:55 14:20

LAB FILE ID: RRF2.5 = BF143477.D RRF005 = BF143478.D RRF010 = BF143479.D
RRF020 = BF143480.D RRF040 = BF143481.D RRF050 = BF143482.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.139	1.164	1.260	1.162	1.142	1.151	6.0
Benzo(g,h,i)perylene		1.128	1.129	1.242	1.156	1.145	1.145	5.3
1,2,4,5-Tetrachlorobenzene		0.629	0.584	0.613	0.565	0.544	0.572	6.9
1,4-Dioxane		0.528	0.529	0.539	0.536	0.519	0.531	1.6
2,3,4,6-Tetrachlorophenol		0.261	0.264	0.299	0.297	0.294	0.286	5.6

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 21 06:12:21 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF143477.D 5 =BF143478.D 10 =BF143479.D 20 =BF143480.D 40 =BF143481.D 50 =BF143482.D 60 =BF143483.D 80 =BF1434
84.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.528	0.529	0.539	0.536	0.519	0.542	0.522	0.531	1.62
3)		Pyridine		1.339	1.392	1.435	1.438	1.389	1.477	1.421	1.413	3.13
4)		n-Nitrosodimet...			0.604	0.619	0.641	0.633	0.666	0.648	0.635	3.44
5)	S	2-Fluorophenol		1.203	1.198	1.194	1.138	1.087	1.137	1.061	1.145	4.92
6)		Aniline		2.034	1.969	1.959	1.890	1.800	1.864	1.714	1.890	5.78
7)	S	Phenol-d6		1.536	1.460	1.471	1.407	1.342	1.384	1.299	1.414	5.76
8)		2-Chlorophenol		1.301	1.284	1.302	1.268	1.229	1.270	1.202	1.265	2.94
9)		Benzaldehyde			1.008	0.981	1.200	1.133	1.402		1.145	14.80
10)	C	Phenol		1.741	1.695	1.725	1.646	1.554	1.593	1.449	1.629	6.43
11)		bis(2-Chloroet...		1.296	1.230	1.235	1.213	1.170	1.221	1.156	1.217	3.78
12)		1,3-Dichlorobe...		1.558	1.451	1.466	1.414	1.345	1.399	1.317	1.421	5.65
13)	C	1,4-Dichlorobe...		1.531	1.487	1.483	1.411	1.355	1.409	1.304	1.426	5.62
14)		1,2-Dichlorobe...		1.448	1.413	1.386	1.348	1.289	1.333	1.233	1.350	5.45
15)		Benzyl Alcohol			1.037	1.063	1.083	1.040	1.088	1.041	1.059	2.14
16)		2,2'-oxybis(1-...		2.144	2.104	2.053	1.954	1.805	1.868	1.703	1.947	8.40
17)		2-Methylphenol		1.052	1.042	1.056	1.011	0.975	1.011	0.960	1.015	3.67
18)		Hexachloroethane		0.495	0.498	0.502	0.491	0.462	0.489	0.456	0.485	3.79
19)	P	n-Nitroso-di-n...	0.922	0.943	0.912	0.879	0.844	0.800	0.832	0.781	0.864	6.86
20)		3+4-Methylphenols			1.337	1.320	1.218	1.143	1.178	1.076	1.212	8.40
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.489	0.464	0.459	0.418	0.402	0.410	0.382	0.432	8.99
23)	S	Nitrobenzene-d5		0.354	0.345	0.357	0.344	0.335	0.340	0.325	0.343	3.18
24)		Nitrobenzene		0.353	0.351	0.366	0.356	0.348	0.358	0.337	0.353	2.55
25)		Isophorone		0.666	0.630	0.644	0.621	0.608	0.625	0.603	0.628	3.41
26)	C	2-Nitrophenol		0.162	0.165	0.177	0.177	0.175	0.180	0.173	0.173	3.76
27)		2,4-Dimethylph...		0.283	0.272	0.281	0.270	0.262	0.265	0.251	0.269	4.11
28)		bis(2-Chloroet...		0.409	0.399	0.401	0.386	0.371	0.379	0.357	0.386	4.74
29)	C	2,4-Dichloroph...		0.293	0.299	0.303	0.288	0.281	0.283	0.266	0.288	4.30
30)		1,2,4-Trichlor...		0.318	0.300	0.314	0.292	0.282	0.291	0.274	0.296	5.46
31)		Naphthalene		1.069	1.009	1.014	0.943	0.907	0.921	0.859	0.960	7.58
32)		Benzoic acid			0.086	0.116	0.145	0.153	0.163	0.160	0.137	21.97
33)		4-Chloroaniline		0.359	0.345	0.362	0.343	0.331	0.330	0.315	0.341	4.87
34)	C	Hexachlorobuta...		0.207	0.199	0.201	0.192	0.186	0.190	0.177	0.193	5.21
35)		Caprolactam			0.063	0.068	0.071	0.071	0.070	0.072	0.069	4.96
36)	C	4-Chloro-3-met...		0.303	0.292	0.303	0.287	0.280	0.284	0.269	0.288	4.25
37)		2-Methylnaphth...		0.716	0.684	0.684	0.633	0.600	0.610	0.562	0.641	8.62
38)		1-Methylnaphth...		0.692	0.651	0.650	0.603	0.577	0.581	0.540	0.613	8.62

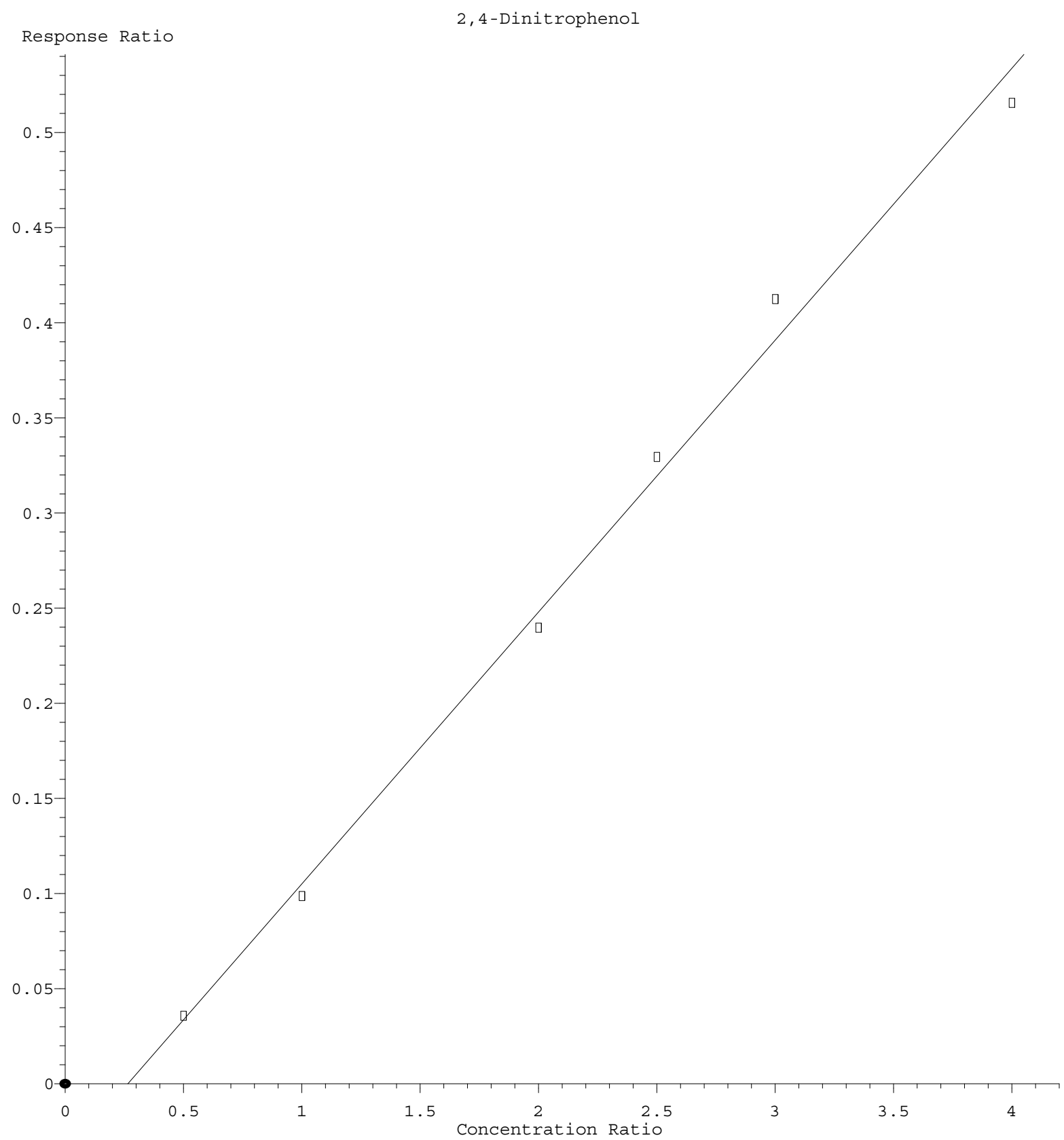
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF082025.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.629	0.584	0.613	0.565	0.544	0.552	0.517	0.572	6.88
41)	P	Hexachlorocycl...		0.098	0.153	0.198	0.205	0.226	0.222	0.184	26.99
42)	S	2,4,6-Tribromo...	0.191	0.188	0.194	0.188	0.181	0.184	0.177	0.186	3.12
43)	C	2,4,6-Trichlor...	0.338	0.347	0.364	0.364	0.351	0.360	0.339	0.352	3.18
44)		2,4,5-Trichlor...	0.391	0.376	0.413	0.382	0.377	0.387	0.365	0.385	3.94
45)	S	2-Fluorobiphenyl	1.445	1.336	1.323	1.156	1.106	1.106	0.999	1.210	13.20
46)		1,1'-Biphenyl	1.582	1.505	1.519	1.399	1.335	1.349	1.247	1.420	8.43
47)		2-Chloronaphth...	1.222	1.165	1.172	1.105	1.056	1.068	1.008	1.114	6.77
48)		2-Nitroaniline	0.314	0.313	0.338	0.337	0.329	0.331	0.320	0.326	3.19
49)		Acenaphthylene	1.747	1.663	1.687	1.580	1.516	1.533	1.437	1.595	6.85
50)		Dimethylphthalate	1.293	1.219	1.252	1.201	1.159	1.175	1.133	1.205	4.58
51)		2,6-Dinitrotol...	0.224	0.237	0.259	0.259	0.260	0.257	0.251	0.250	5.63
52)	C	Acenaphthene	1.170	1.131	1.137	1.076	1.037	1.044	0.985	1.083	6.07
53)		3-Nitroaniline	0.260	0.257	0.280	0.278	0.273	0.271	0.269	0.270	3.21
54)	P	2,4-Dinitrophenol		0.072	0.099	0.120	0.132	0.137	0.129	0.115	21.92
55)		Dibenzofuran	1.717	1.625	1.647	1.523	1.461	1.453	1.381	1.544	7.91
56)	P	4-Nitrophenol		0.115	0.147	0.171	0.177	0.172	0.181	0.161	15.78
57)		2,4-Dinitrotol...	0.292	0.318	0.349	0.351	0.344	0.344	0.336	0.333	6.38
58)		Fluorene	1.367	1.286	1.270	1.158	1.111	1.102	1.025	1.188	10.25
59)		2,3,4,6-Tetrac...	0.261	0.264	0.299	0.297	0.294	0.297	0.288	0.286	5.59
60)		Diethylphthalate	1.172	1.097	1.110	1.084	1.053	1.036	1.008	1.080	5.01
61)		4-Chlorophenyl...	0.671	0.624	0.628	0.585	0.558	0.567	0.527	0.594	8.30
62)		4-Nitroaniline	0.230	0.237	0.258	0.257	0.255	0.248	0.250	0.248	4.28
63)		Azobenzene	1.221	1.154	1.177	1.122	1.080	1.067	1.018	1.120	6.26
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.085	0.103	0.119	0.120	0.124	0.126	0.113	13.97
66)	c	n-Nitrosodiphe...	0.684	0.661	0.679	0.641	0.615	0.636	0.590	0.644	5.29
67)		4-Bromophenyl-...	0.243	0.240	0.250	0.241	0.230	0.240	0.227	0.239	3.35
68)		Hexachlorobenzene	0.266	0.262	0.267	0.257	0.248	0.256	0.243	0.257	3.53
69)		Atrazine	0.154	0.156	0.164	0.168	0.171	0.174	0.176	0.166	5.09
70)	C	Pentachlorophenol		0.088	0.106	0.124	0.127	0.131	0.131	0.118	14.47
71)		Phenanthrene	1.188	1.123	1.130	1.039	1.015	1.033	0.969	1.071	7.23
72)		Anthracene	1.191	1.144	1.148	1.074	1.022	1.036	0.980	1.085	7.16
73)		Carbazole	0.949	0.925	0.932	0.882	0.849	0.861	0.825	0.889	5.30
74)		Di-n-butylphth...	0.782	0.800	0.830	0.850	0.833	0.857	0.855	0.829	3.47
75)	C	Fluoranthene	1.061	1.020	1.002	0.946	0.914	0.923	0.862	0.961	7.21
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.611	0.665	0.516	0.391	0.368	0.372	0.487	26.70
78)		Pyrene	1.891	1.768	1.793	1.635	1.590	1.512	1.327	1.645	11.63
79)	S	Terphenyl-d14	1.341	1.255	1.248	1.130	1.094	1.052	0.904	1.146	12.86
80)		Butylbenzylpht...	0.380	0.402	0.443	0.467	0.461	0.509	0.485	0.449	10.15
81)		Benzo(a)anthra...	1.302	1.274	1.300	1.318	1.266	1.316	1.237	1.288	2.30
82)		3,3'-Dichlorob...		0.353	0.386	0.373	0.354	0.377	0.370	0.369	3.60
83)		Chrysene	1.251	1.195	1.213	1.113	1.089	1.125	1.114	1.157	5.33
84)		Bis(2-ethylhex...	0.600	0.626	0.699	0.710	0.690	0.767	0.700	0.685	8.12
85)	c	Di-n-octyl pht...		1.129	1.289	1.298	1.251	1.413	1.228	1.268	7.36

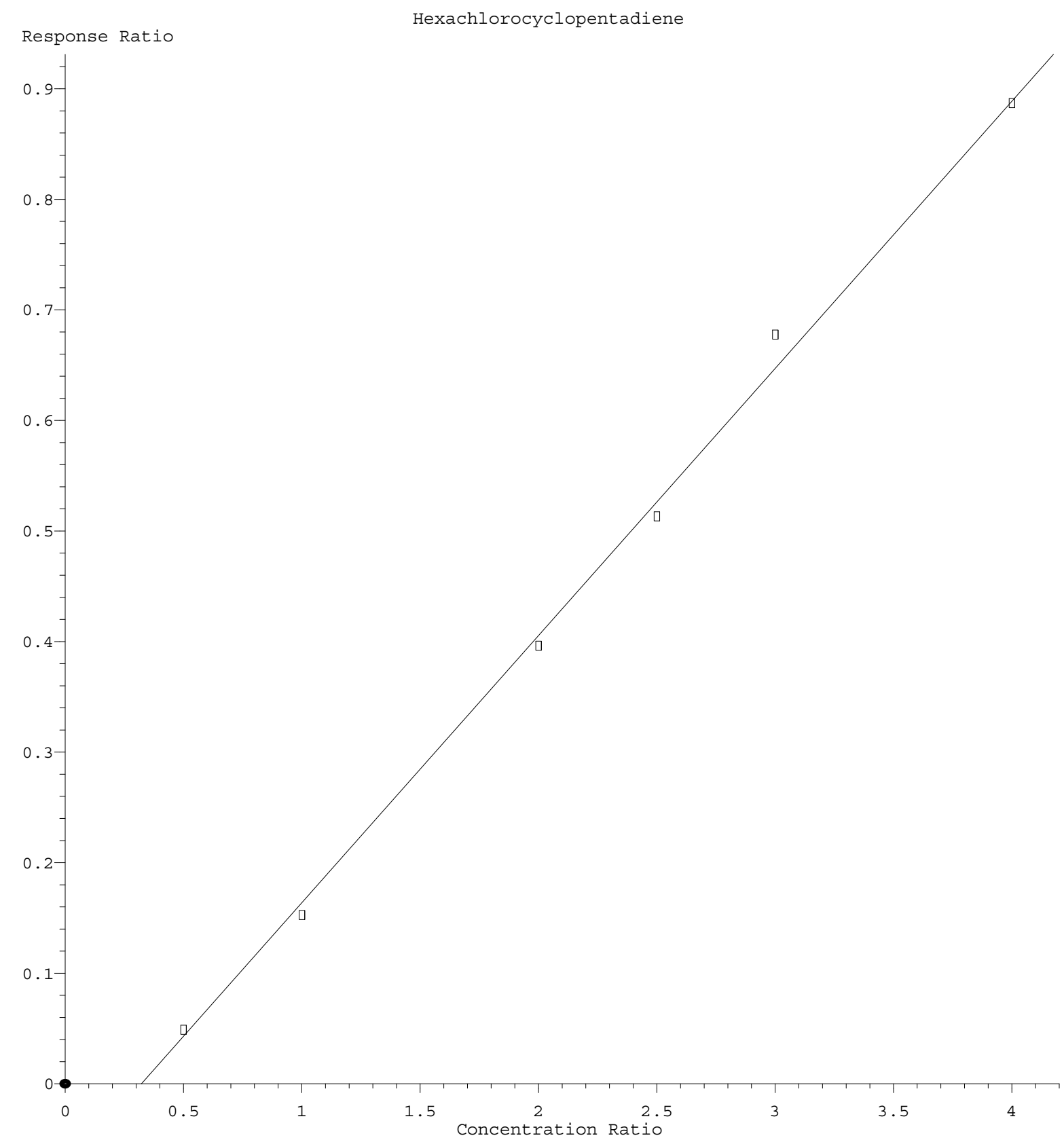
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF082025.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.425	1.433	1.565	1.449	1.427	1.466	1.295	1.437	5.51
88)		Benzo(b)fluora...	1.135	1.147	1.182	1.074	1.058	1.068	1.119	1.112	4.20
89)		Benzo(k)fluora...	1.157	1.014	1.056	1.081	1.034	1.104	1.005	1.064	5.10
90)	C	Benzo(a)pyrene	1.033	1.021	1.074	1.032	1.010	1.043	1.011	1.032	2.15
91)		Dibenzo(a,h)an...	1.139	1.164	1.260	1.162	1.142	1.168	1.023	1.151	6.04
92)		Benzo(g,h,i)pe...	1.128	1.129	1.242	1.156	1.145	1.172	1.039	1.145	5.30

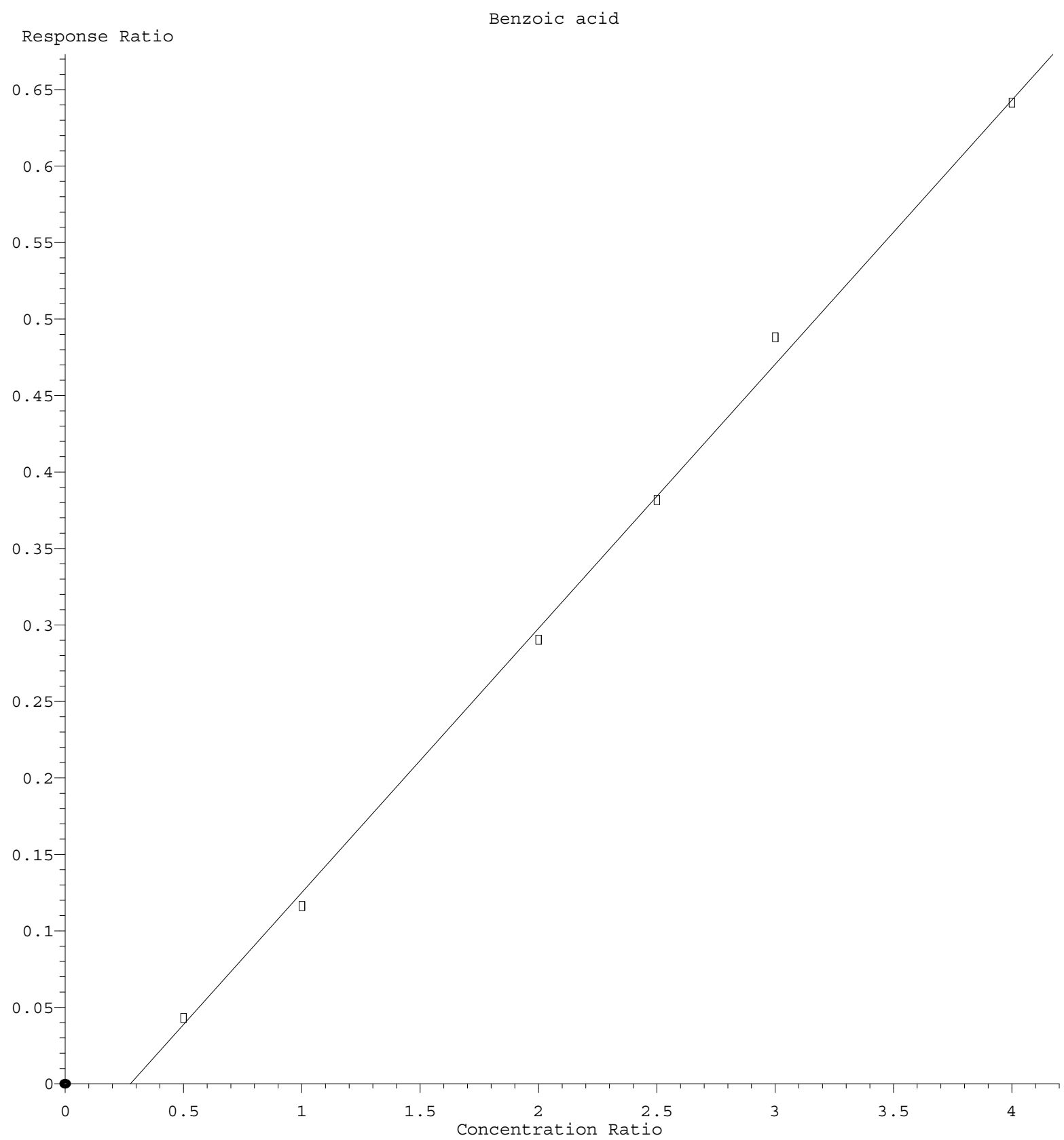
(#) = Out of Range



Response = 1.430e-001 * Amt - 3.784e-002
Coef of Det (r^2) = 0.996445 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF082025.M
Calibration Table Last Updated: Thu Aug 21 06:12:21 2025



Response = 2.418e-001 * Amt - 7.792e-002
Coef of Det (r^2) = 0.997891 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF082025.M
Calibration Table Last Updated: Thu Aug 21 06:12:21 2025



Response = 1.728e-001 * Amt - 4.772e-002
Coef of Det (r^2) = 0.998317 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF082025.M
Calibration Table Last Updated: Thu Aug 21 06:12:21 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143477.D
Acq On : 20 Aug 2025 10:55
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 20 16:19:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	139562	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	543954	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	302590	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	471116	20.000	ng	0.00
76) Chrysene-d12	14.098	240	283668	20.000	ng	0.00
86) Perylene-d12	15.598	264	247340	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	16082	2.667	ng	96

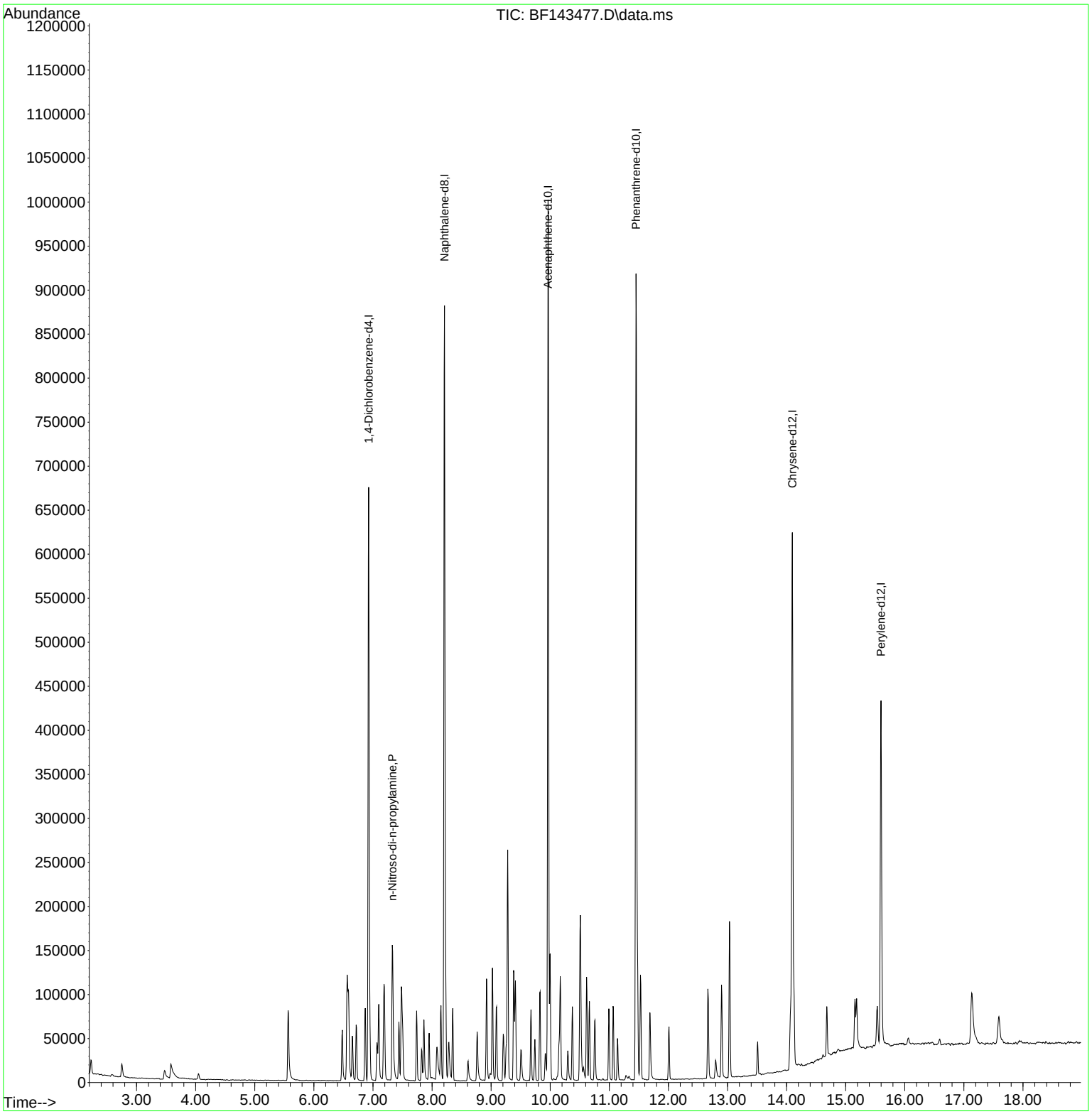
(#) = qualifier out of range (m) = manual integration (+) = signals summed

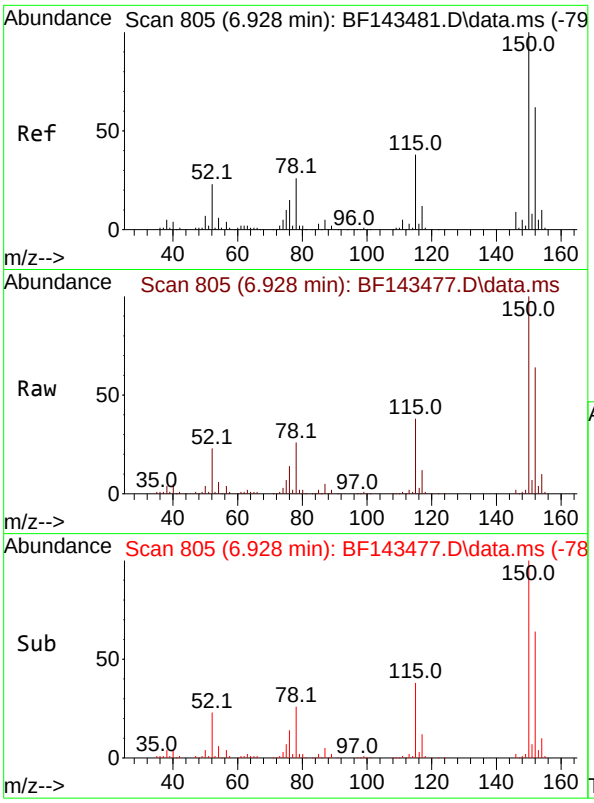
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143477.D
Acq On : 20 Aug 2025 10:55
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 20 16:19:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration



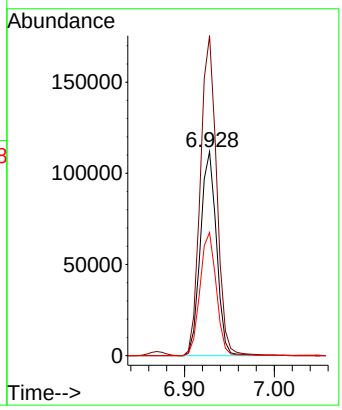


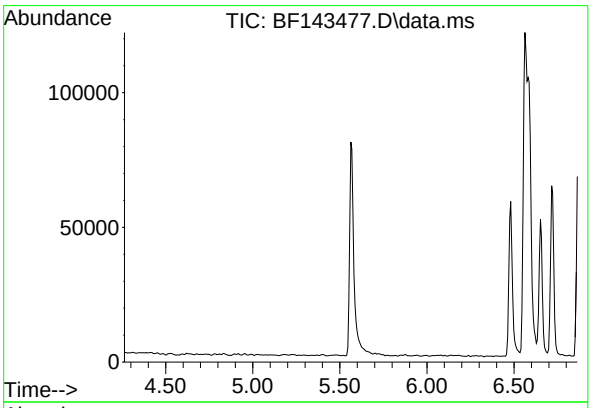
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143477.D
Acq: 20 Aug 2025 10:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 139562

Ion	Ratio	Lower	Upper
152	100		
150	156.9	128.9	193.3
115	60.4	49.2	73.8



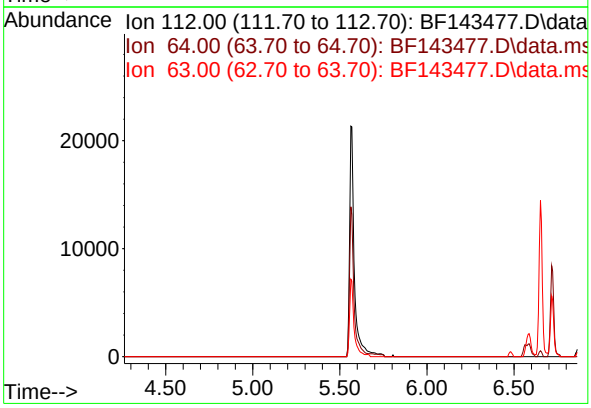


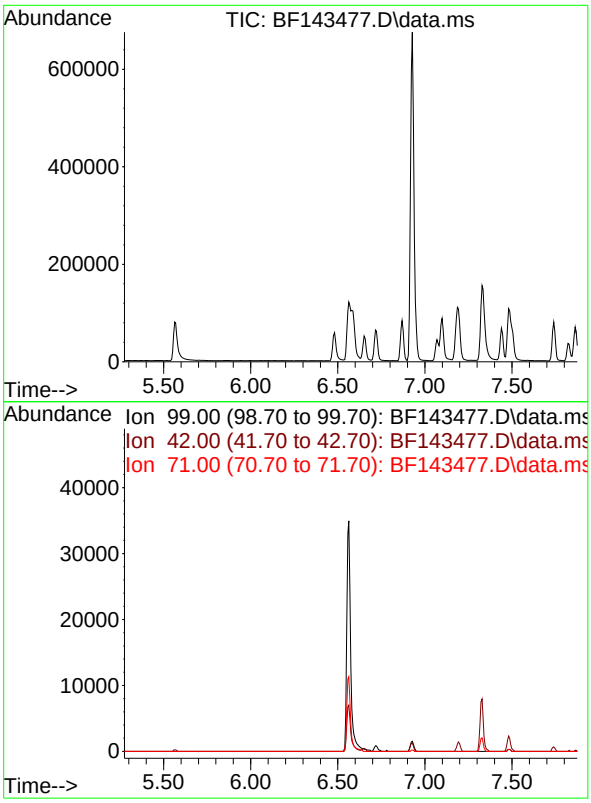
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.56 min

Lab File: BF143477.D
Acq: 20 Aug 2025 10:55

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	63.0
63	33.0





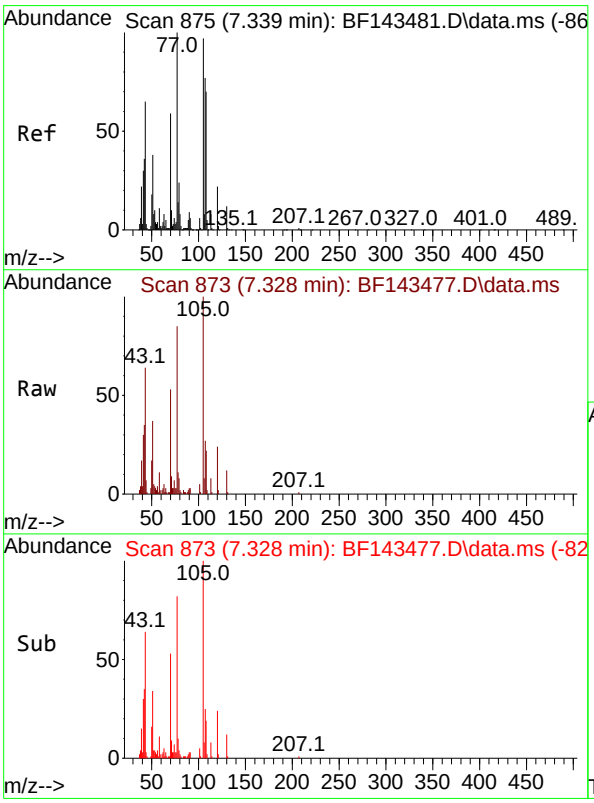
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.57 min

Lab File: BF143477.D
Acq: 20 Aug 2025 10:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

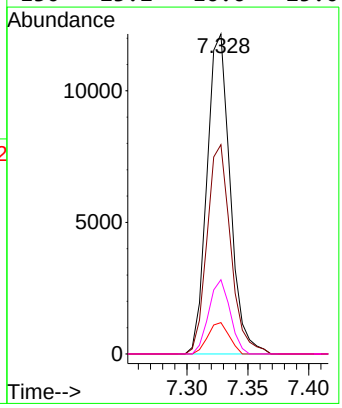
Sig	Exp Ratio
99	100
42	20.4
71	35.2

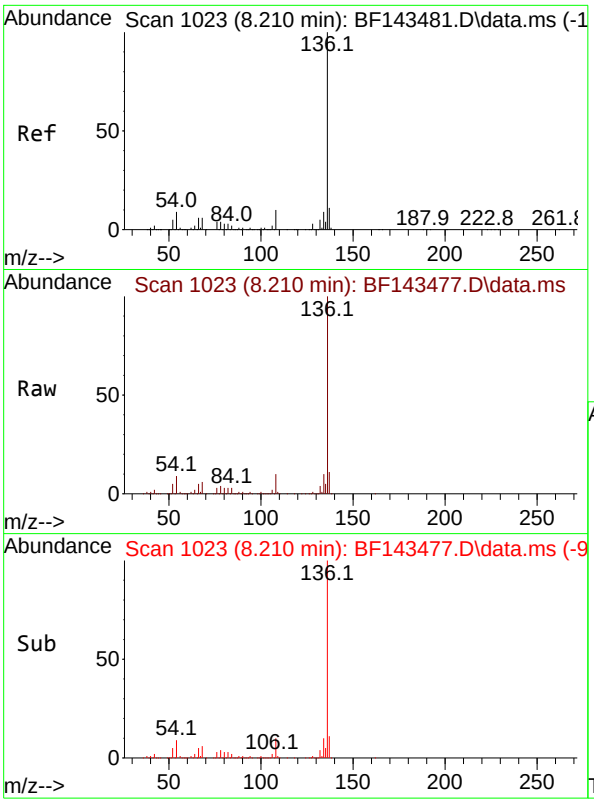


#19
n-Nitroso-di-n-propylamine
Concen: 2.667 ng
RT: 7.328 min Scan# 873
Delta R.T. -0.023 min
Lab File: BF143477.D
Acq: 20 Aug 2025 10:55

Tgt Ion: 70 Resp: 16082

Ion	Ratio	Lower	Upper
70	100		
42	65.4	49.3	73.9
101	9.8	7.8	11.8
130	23.2	16.6	25.0



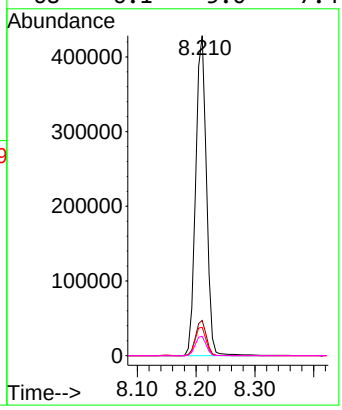


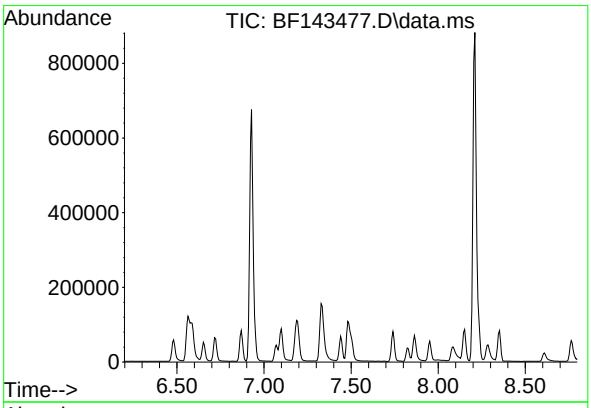
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143477.D
Acq: 20 Aug 2025 10:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 543954

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.9	7.4	11.2
68	6.1	5.0	7.4



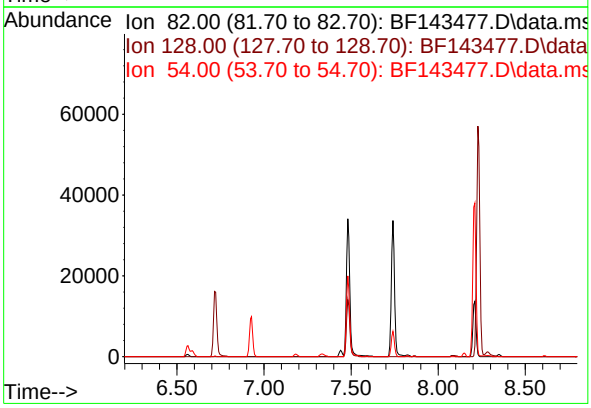


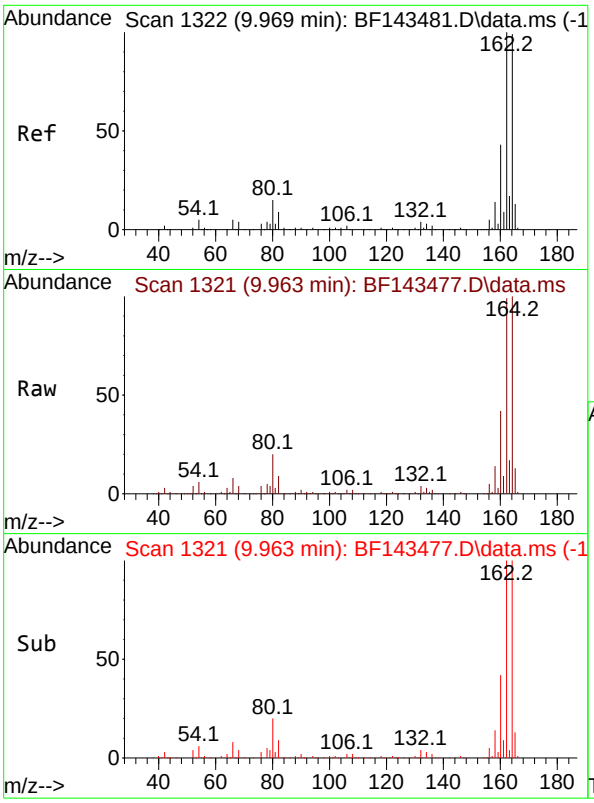
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.50 min

Lab File: BF143477.D
Acq: 20 Aug 2025 10:55

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	44.4
54	55.4



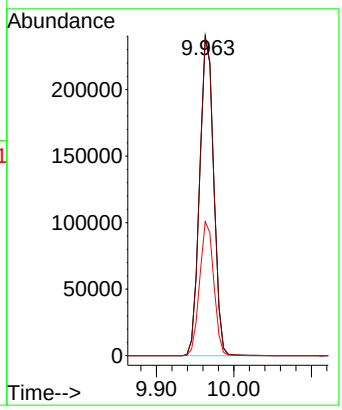


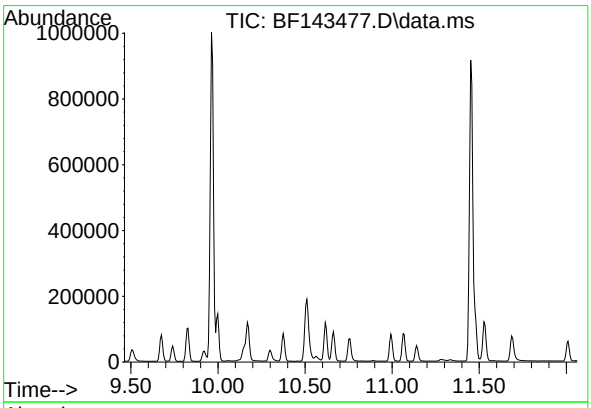
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143477.D
Acq: 20 Aug 2025 10:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 302590

Ion	Ratio	Lower	Upper
164	100		
162	99.0	80.5	120.7
160	41.9	34.3	51.5



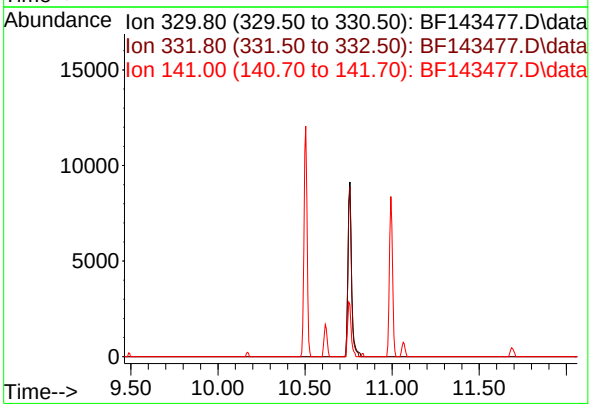


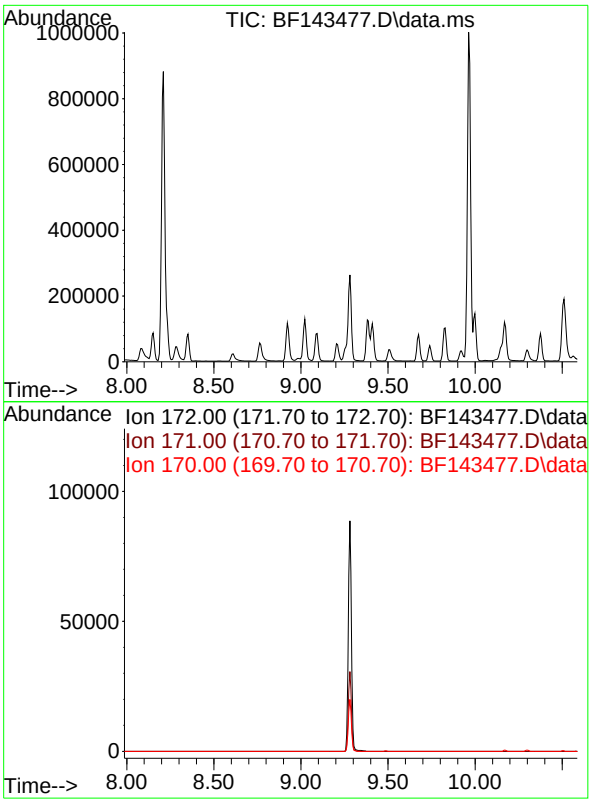
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.76 min

Lab File: BF143477.D
Acq: 20 Aug 2025 10:55

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.5
141	29.6





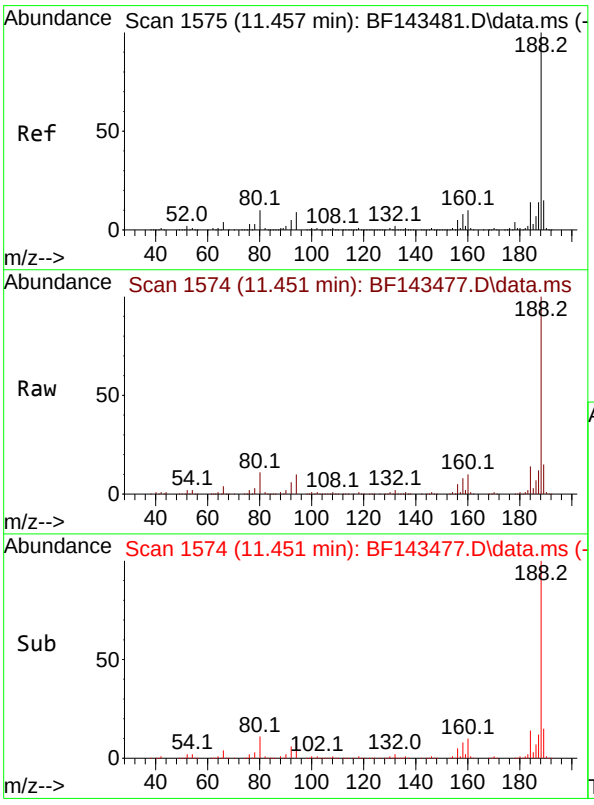
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.29 min

Lab File: BF143477.D
Acq: 20 Aug 2025 10:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

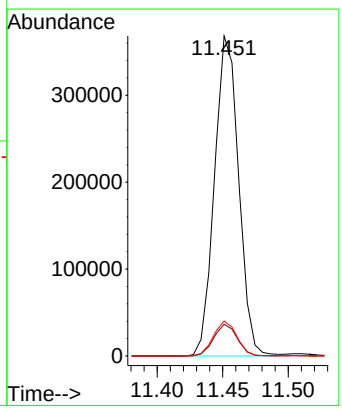
Sig	Exp Ratio
172	100
171	36.0
170	23.5

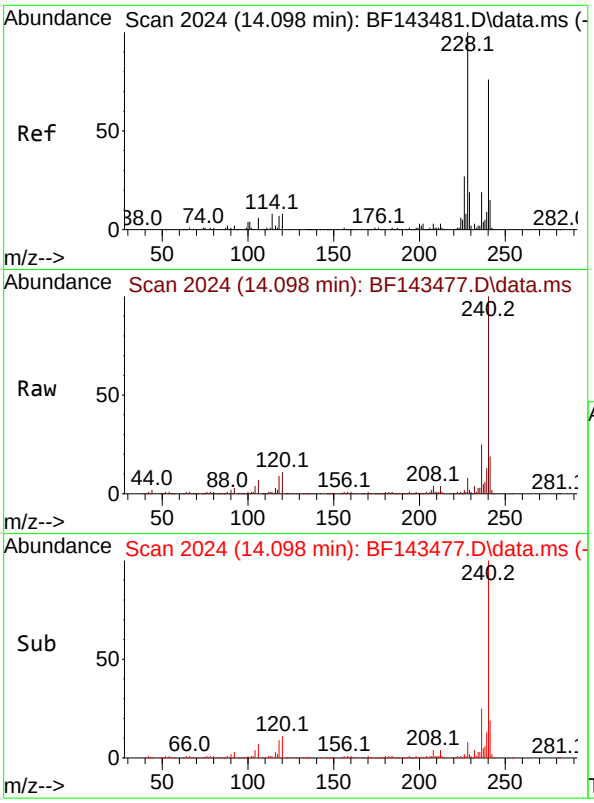


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF143477.D
Acq: 20 Aug 2025 10:55

Tgt Ion:188 Resp: 471116

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.4	11.2
80	10.9	8.2	12.4



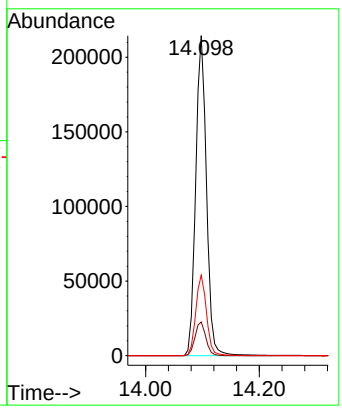


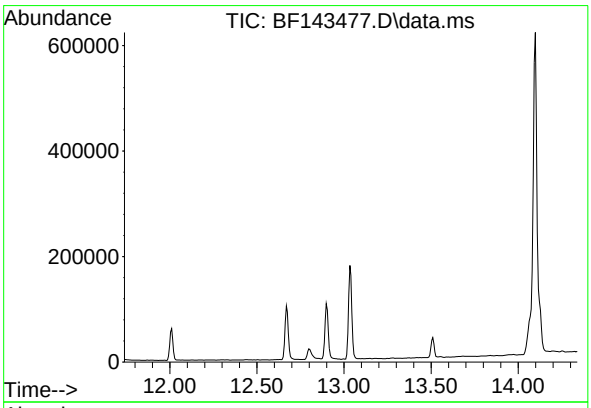
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143477.D
Acq: 20 Aug 2025 10:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 283668

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.6	12.8
236	25.1	20.4	30.6



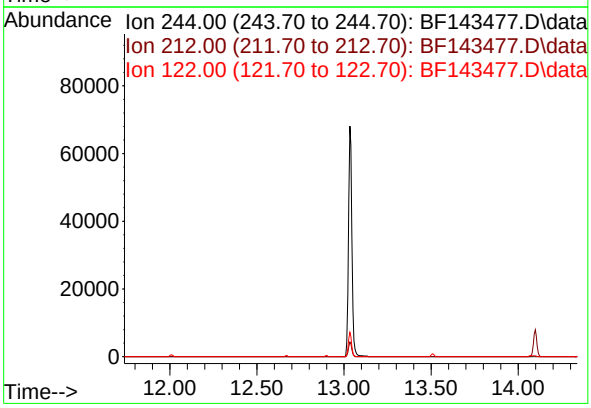


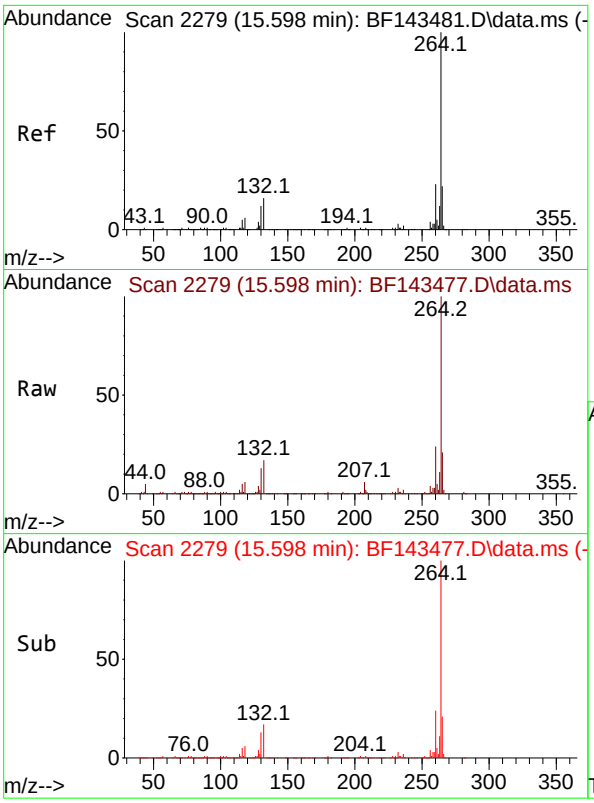
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.04 min

Lab File: BF143477.D
Acq: 20 Aug 2025 10:55

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	6.5
122	9.9



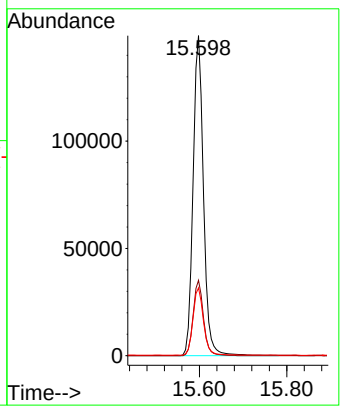


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143477.D
Acq: 20 Aug 2025 10:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 247340

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.2	17.6	26.4



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143478.D
Acq On : 20 Aug 2025 11:25
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Aug 20 16:19:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	139746	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	528467	20.000	ng		0.00
39) Acenaphthene-d10	9.963	164	295421	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	479059	20.000	ng		0.00
76) Chrysene-d12	14.098	240	275807	20.000	ng		0.00
86) Perylene-d12	15.598	264	257255	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	84074	10.505	ng		0.00
7) Phenol-d6	6.557	99	107354	10.867	ng		-0.02
23) Nitrobenzene-d5	7.481	82	93525	10.327	ng		-0.02
42) 2,4,6-Tribromophenol	10.751	330	28197	10.254	ng		-0.01
45) 2-Fluorobiphenyl	9.281	172	213485	11.943	ng		0.00
79) Terphenyl-d14	13.033	244	184897	11.698	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.746	88	18448	4.976	ng		97
3) Pyridine	3.552	79	46794	4.739	ng		98
6) Aniline	6.587	93	71052	5.381	ng		98
8) 2-Chlorophenol	6.716	128	45449	5.142	ng		99
10) Phenol	6.575	94	60812	5.343	ng		93
11) bis(2-Chloroethyl)ether	6.651	93	45274	5.323	ng		99
12) 1,3-Dichlorobenzene	6.869	146	54424	5.480	ng		98
13) 1,4-Dichlorobenzene	6.945	146	53485	5.368	ng		99
14) 1,2-Dichlorobenzene	7.098	146	50580	5.362	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.192	45	74897	5.504	ng		97
17) 2-Methylphenol	7.181	107	36752	5.180	ng		97
18) Hexachloroethane	7.440	117	17304	5.108	ng		94
19) n-Nitroso-di-n-propyla...	7.328	70	32958	5.458	ng		96
22) Acetophenone	7.328	105	64602	5.658	ng	#	96
24) Nitrobenzene	7.498	77	46642	5.004	ng		99
25) Isophorone	7.739	82	87950	5.298	ng		99
26) 2-Nitrophenol	7.822	139	21447	4.697	ng		98
27) 2,4-Dimethylphenol	7.863	122	37403	5.255	ng		98
28) bis(2-Chloroethoxy)met...	7.951	93	54059	5.299	ng		98
29) 2,4-Dichlorophenol	8.075	162	38716	5.093	ng		96
30) 1,2,4-Trichlorobenzene	8.151	180	42060	5.382	ng		99
31) Naphthalene	8.228	128	141189	5.565	ng		99
33) 4-Chloroaniline	8.281	127	47399	5.264	ng		99
34) Hexachlorobutadiene	8.351	225	27313	5.357	ng		99
36) 4-Chloro-3-methylphenol	8.763	107	40059	5.259	ng		100
37) 2-Methylnaphthalene	8.922	142	94640	5.585	ng		99
38) 1-Methylnaphthalene	9.022	142	91483	5.644	ng		99
40) 1,2,4,5-Tetrachloroben...	9.092	216	46429	5.494	ng		98
43) 2,4,6-Trichlorophenol	9.204	196	24994	4.807	ng		99
44) 2,4,5-Trichlorophenol	9.251	196	28903	5.089	ng		97
46) 1,1'-Biphenyl	9.381	154	116864	5.573	ng		98
47) 2-Chloronaphthalene	9.410	162	90223	5.484	ng		100
48) 2-Nitroaniline	9.504	65	23209	4.820	ng		99
49) Acenaphthylene	9.822	152	129052	5.478	ng		98
50) Dimethylphthalate	9.675	163	95475	5.366	ng		98
51) 2,6-Dinitrotoluene	9.739	165	16519	4.480	ng		93

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143478.D
Acq On : 20 Aug 2025 11:25
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Aug 20 16:19:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52)	Acenaphthene	9.998	154	86399	5.402	ng		100
53)	3-Nitroaniline	9.916	138	19195	4.817	ng		98
55)	Dibenzofuran	10.169	168	126806	5.561	ng		100
57)	2,4-Dinitrotoluene	10.145	165	21578	4.382	ng		90
58)	Fluorene	10.510	166	100926	5.751	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.298	232	19308	4.576	ng	#	97
60)	Diethylphthalate	10.375	149	86539	5.425	ng		99
61)	4-Chlorophenyl-phenyle...	10.504	204	49563	5.647	ng		97
62)	4-Nitroaniline	10.522	138	16999	4.645	ng		99
63)	Azobenzene	10.663	77	90174	5.452	ng		99
66)	n-Nitrosodiphenylamine	10.616	169	81920	5.314	ng		99
67)	4-Bromophenyl-phenylether	10.992	248	29139	5.098	ng		95
68)	Hexachlorobenzene	11.069	284	31905	5.178	ng		99
69)	Atrazine	11.139	200	18453	4.637	ng		97
71)	Phenanthrene	11.475	178	142334	5.548	ng		99
72)	Anthracene	11.528	178	142673	5.490	ng		99
73)	Carbazole	11.686	167	113696	5.339	ng		99
74)	Di-n-butylphthalate	12.010	149	93617	4.712	ng		100
75)	Fluoranthene	12.669	202	127015	5.518	ng		98
78)	Pyrene	12.898	202	130407	5.748	ng		99
80)	Butylbenzylphthalate	13.510	149	26173	4.223	ng		99
81)	Benzo(a)anthracene	14.086	228	89757	5.055	ng		99
83)	Chrysene	14.121	228	86291	5.408	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.069	149	41348	4.380	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.121	276	91654	4.958	ng		98
88)	Benzo(b)fluoranthene	15.157	252	72988	5.104	ng		99
89)	Benzo(k)fluoranthene	15.186	252	74440	5.437	ng		99
90)	Benzo(a)pyrene	15.533	252	66416	5.004	ng		99
91)	Dibenzo(a,h)anthracene	17.139	278	73229	4.946	ng		98
92)	Benzo(g,h,i)perylene	17.586	276	72556	4.928	ng		98

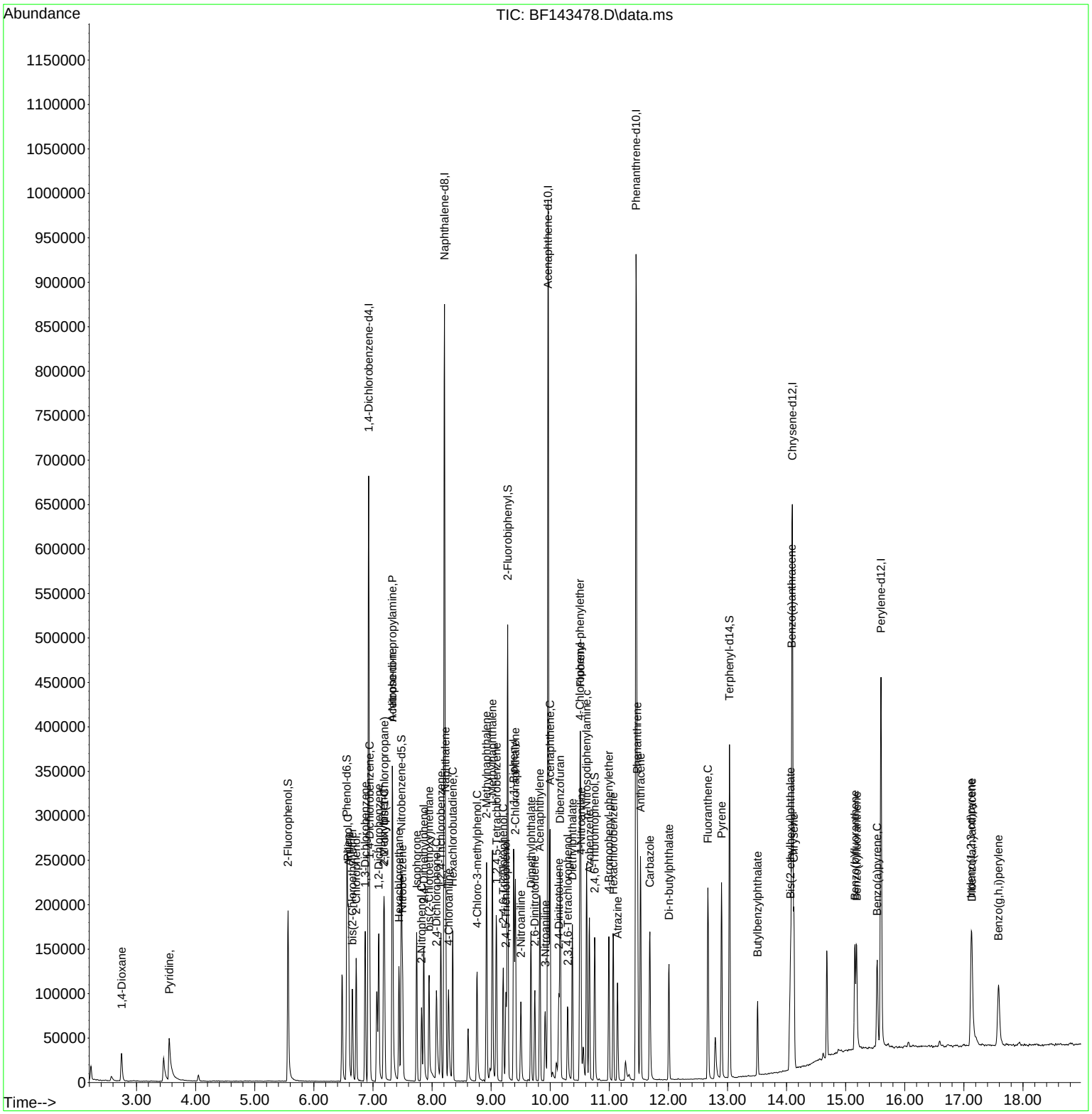
(#) = qualifier out of range (m) = manual integration (+) = signals summed

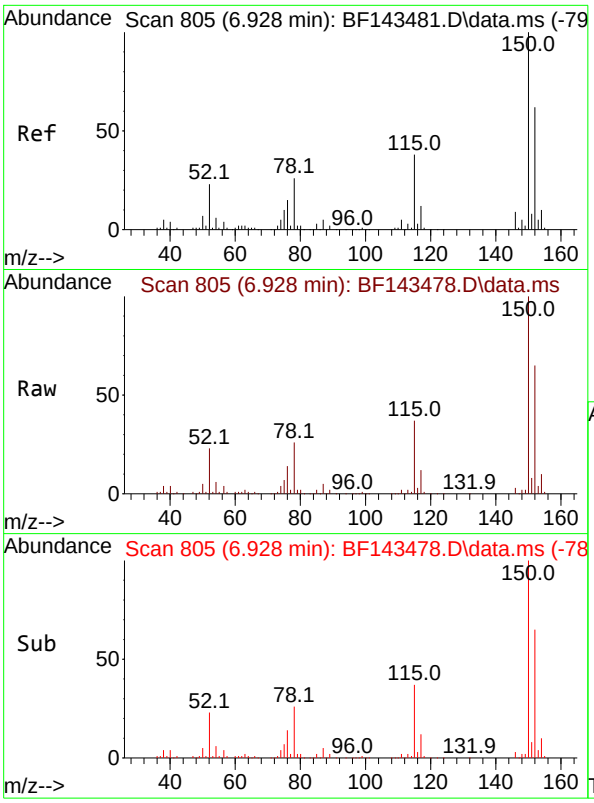
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143478.D
Acq On : 20 Aug 2025 11:25
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Aug 20 16:19:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration



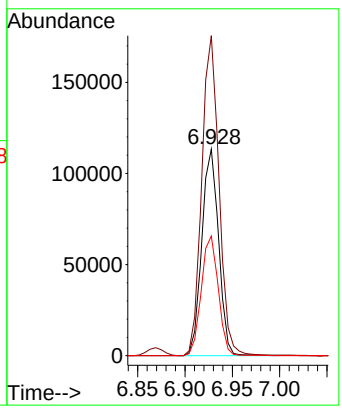


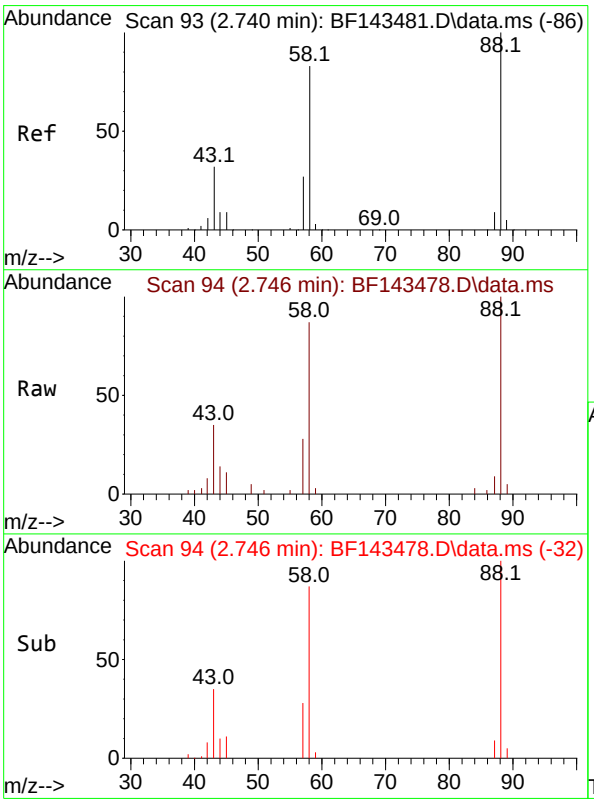
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 139746

Ion	Ratio	Lower	Upper
152	100		
150	154.9	128.9	193.3
115	58.0	49.2	73.8

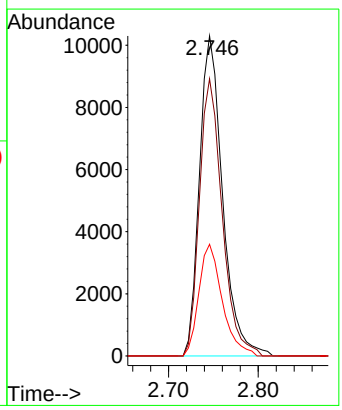


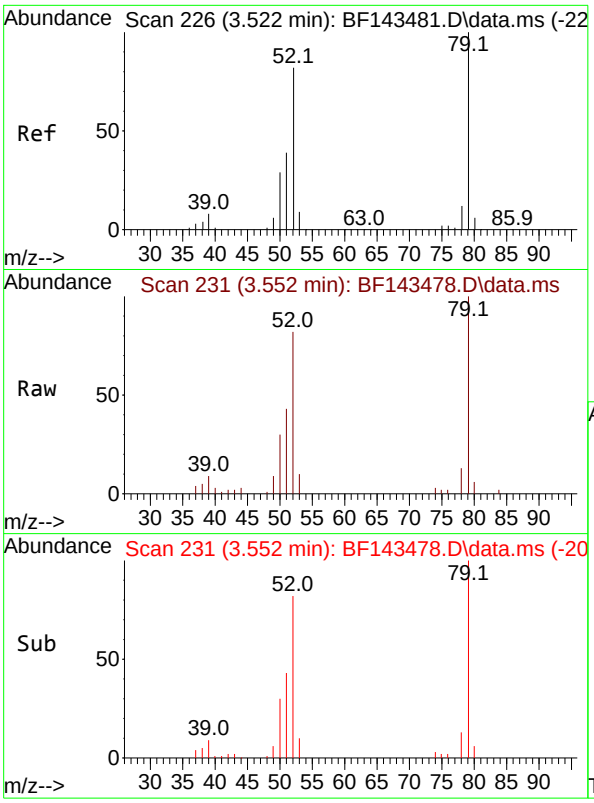


#2
1,4-Dioxane
Concen: 4.976 ng
RT: 2.746 min Scan# 94
Delta R.T. 0.012 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion: 88 Resp: 18448

Ion	Ratio	Lower	Upper
88	100		
58	85.1	66.7	100.1
43	35.4	25.8	38.8



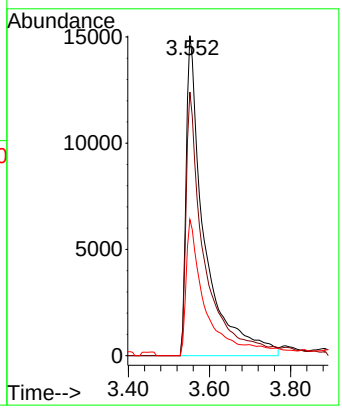


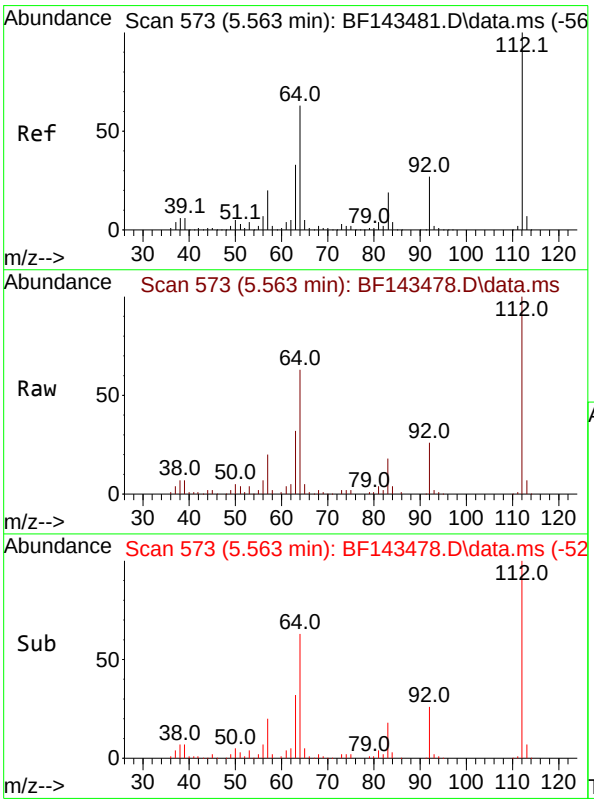
#3
Pyridine
Concen: 4.739 ng
RT: 3.552 min Scan# 2
Delta R.T. 0.035 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 46794

Ion	Ratio	Lower	Upper
79	100		
52	82.4	65.6	98.4
51	42.6	31.2	46.8

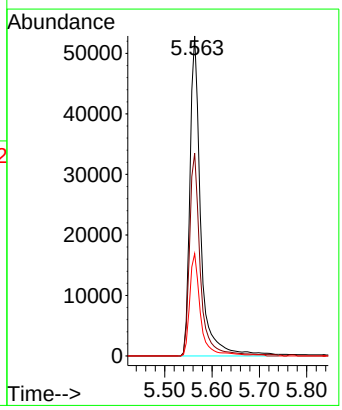


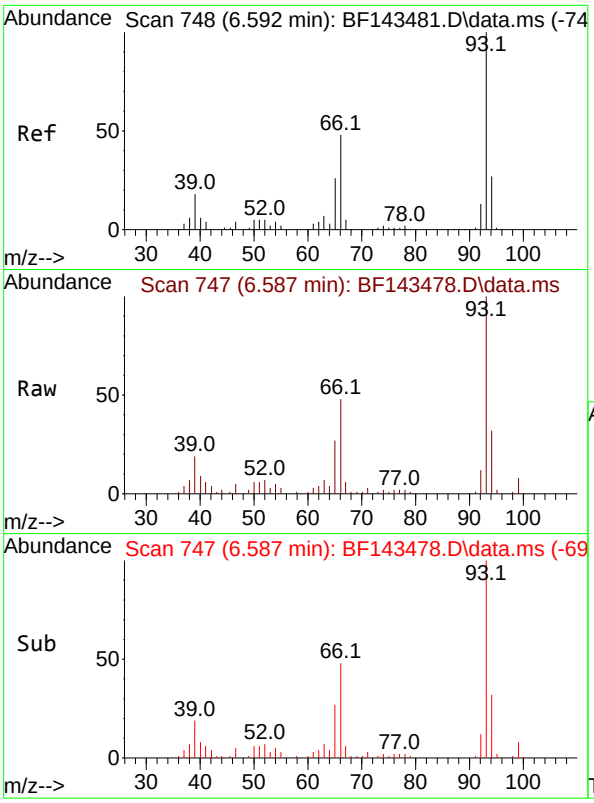


#5
2-Fluorophenol
Concen: 10.505 ng
RT: 5.563 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:112 Resp: 84074

Ion	Ratio	Lower	Upper
112	100		
64	63.4	50.4	75.6
63	32.0	26.4	39.6



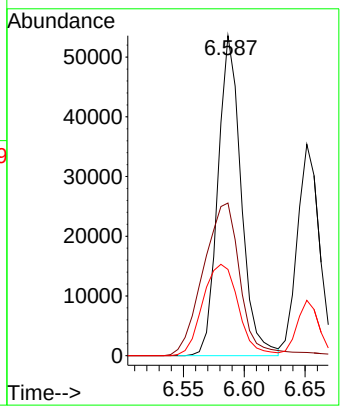


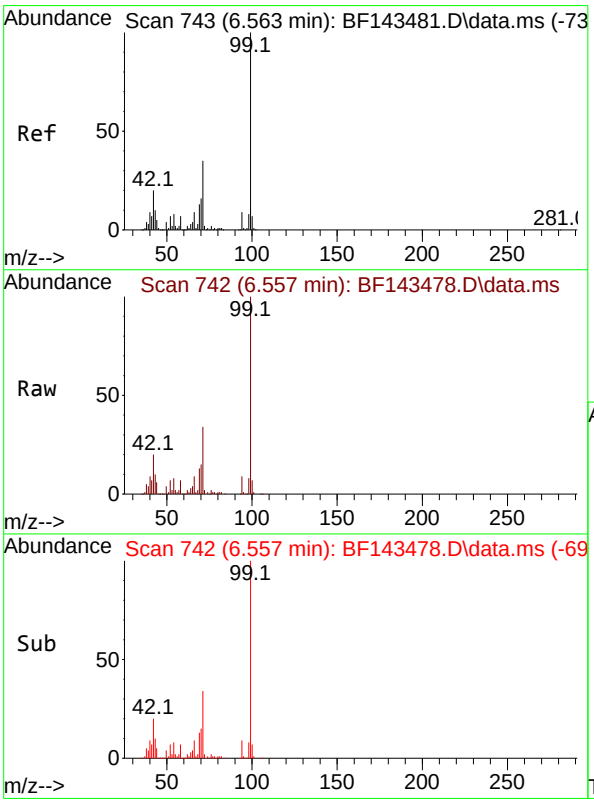
#6
Aniline
Concen: 5.381 ng
RT: 6.587 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 71052

Ion	Ratio	Lower	Upper
93	100		
66	47.7	38.9	58.3
65	27.0	20.6	30.8

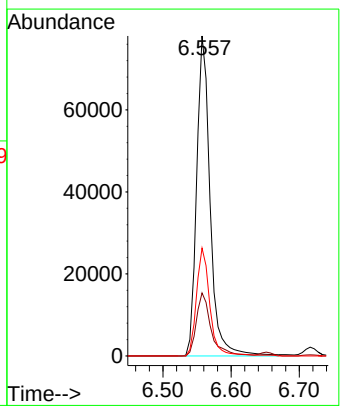


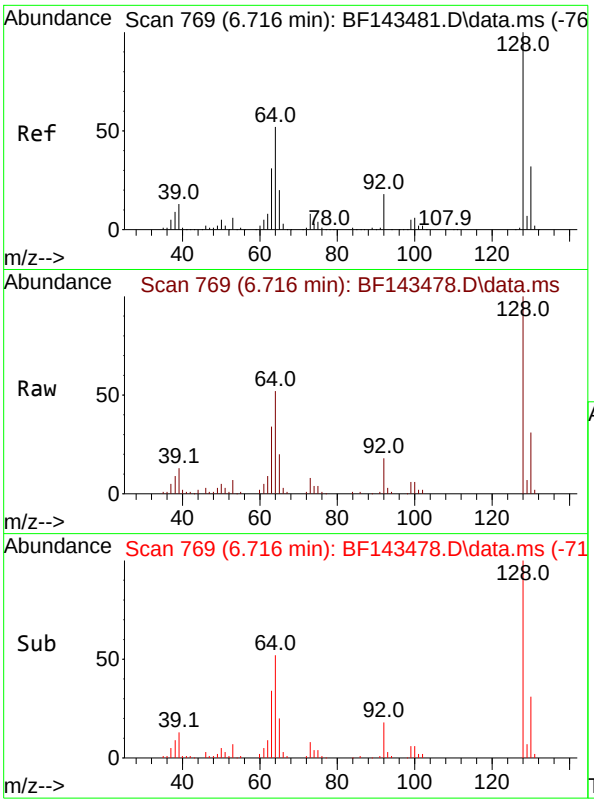


#7
Phenol-d6
Concen: 10.867 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.018 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion: 99 Resp: 107354

Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.3	24.5
71	33.7	28.2	42.2



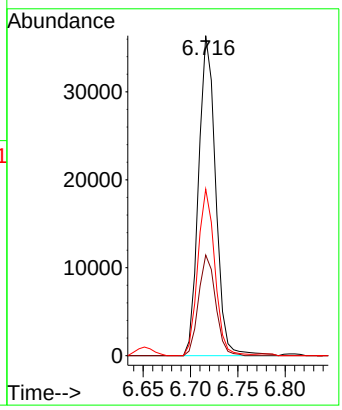


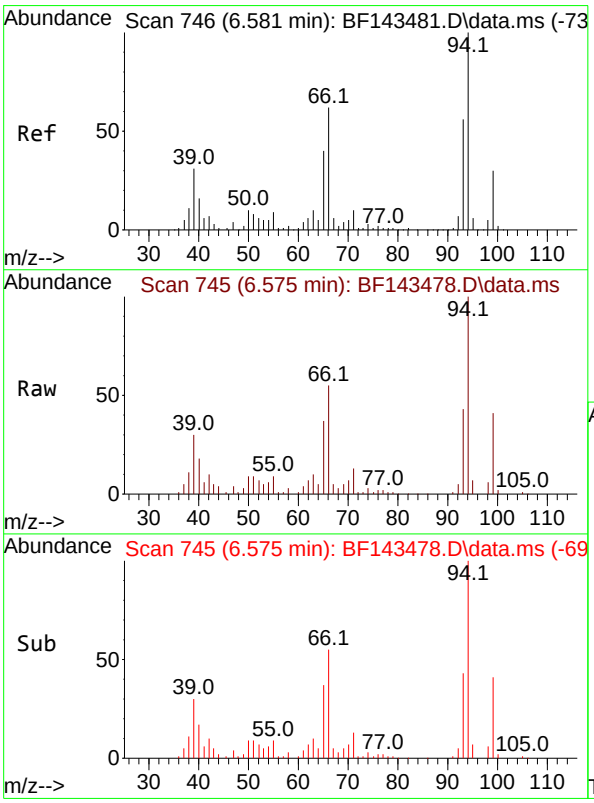
#8
2-Chlorophenol
Concen: 5.142 ng
RT: 6.716 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 45449

Ion	Ratio	Lower	Upper
128	100		
130	31.5	12.4	52.4
64	52.0	31.6	71.6

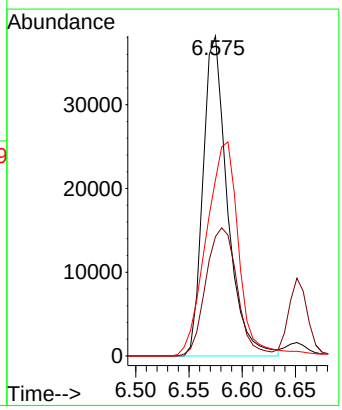


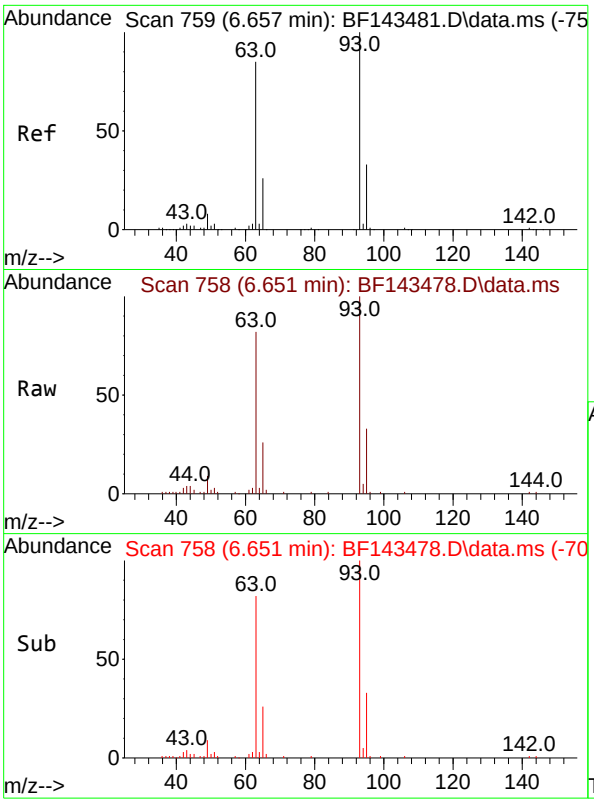


#10
Phenol
Concen: 5.343 ng
RT: 6.575 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion: 94 Resp: 60812

Ion	Ratio	Lower	Upper
94	100		
65	37.3	19.5	59.5
66	55.1	42.5	82.5



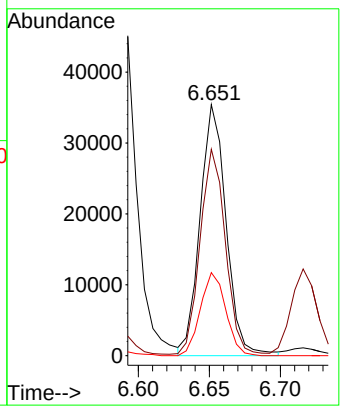


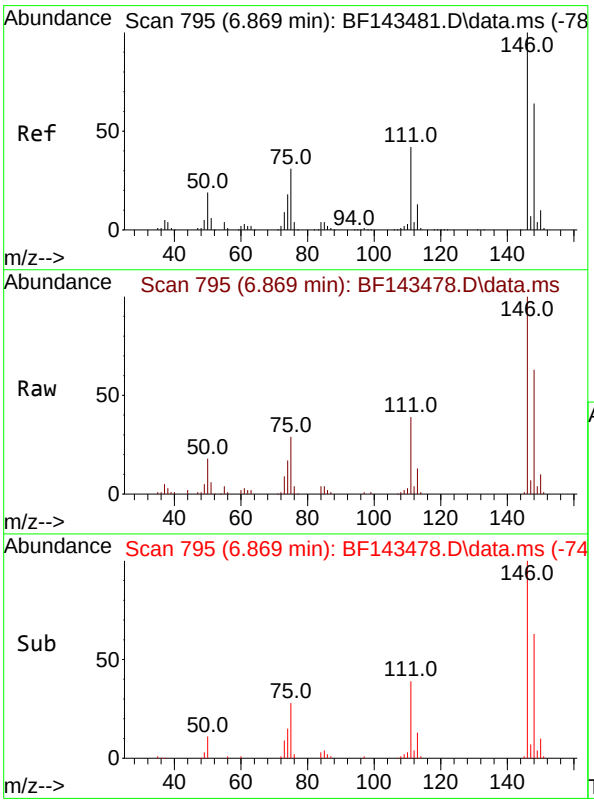
#11
bis(2-Chloroethyl)ether
Concen: 5.323 ng
RT: 6.651 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 45274

Ion	Ratio	Lower	Upper
93	100		
63	82.2	63.6	103.6
95	33.1	12.8	52.8

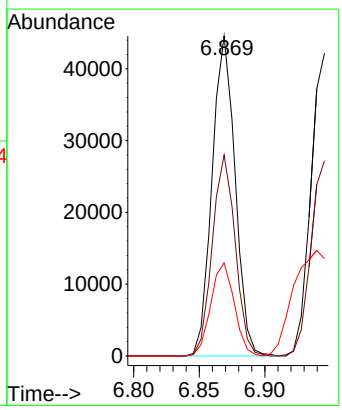


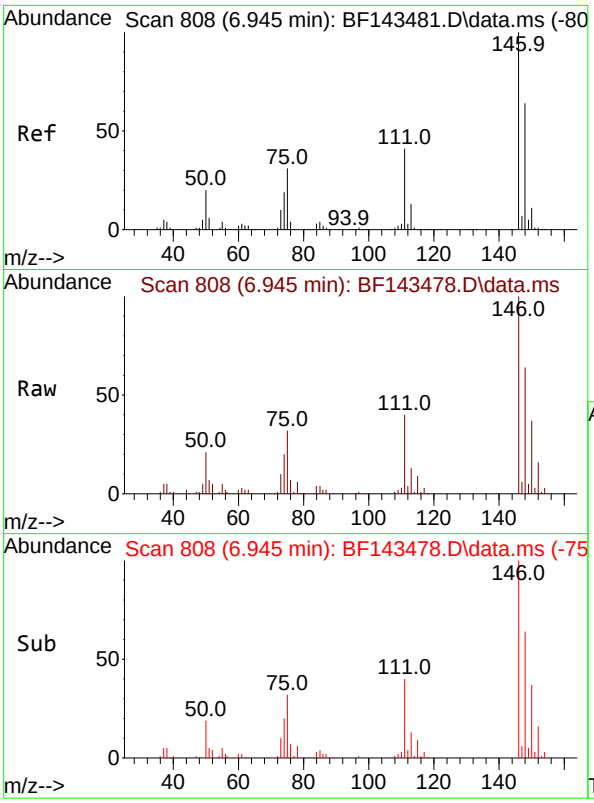


#12
1,3-Dichlorobenzene
Concen: 5.480 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:146 Resp: 54424

Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.3	76.9
75	29.1	24.7	37.1



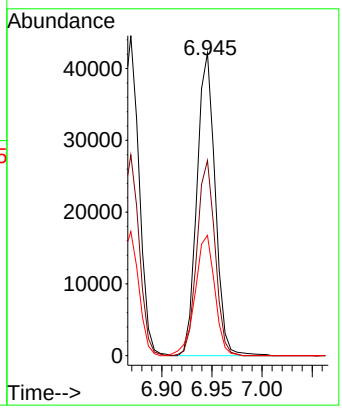


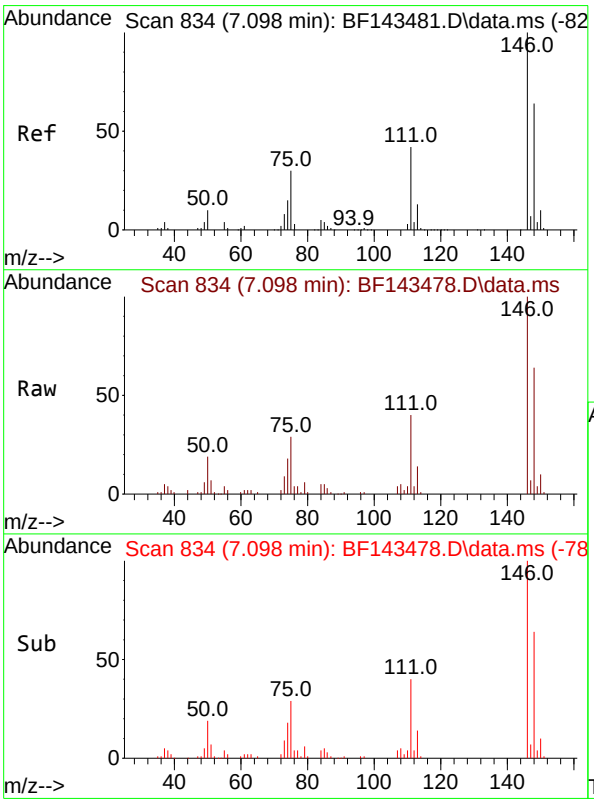
#13
1,4-Dichlorobenzene
Concen: 5.368 ng
RT: 6.945 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:146 Resp: 53485

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.5	77.3
111	39.7	32.6	49.0

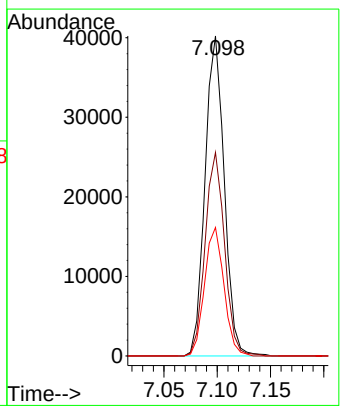


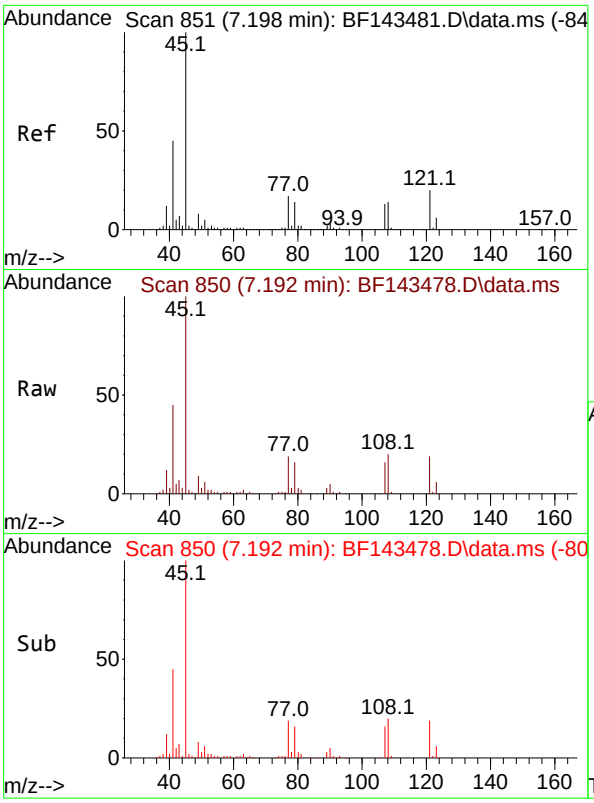


#14
1,2-Dichlorobenzene
Concen: 5.362 ng
RT: 7.098 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:146 Resp: 50580

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.0	76.6
111	40.2	34.0	51.0



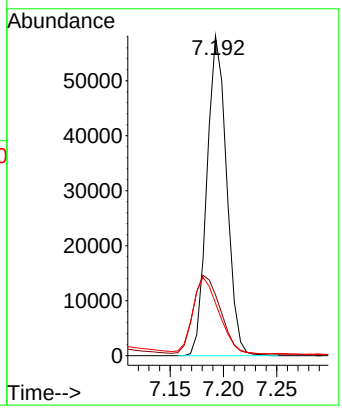


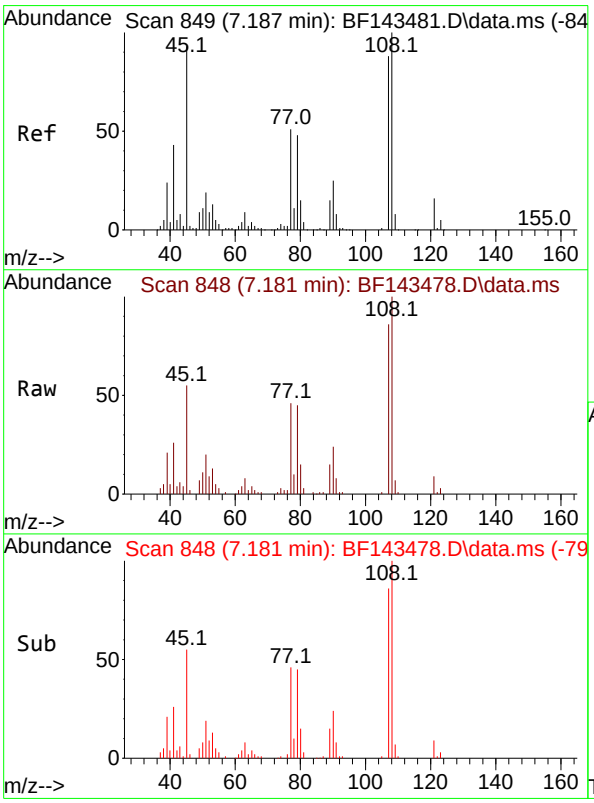
#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.504 ng
RT: 7.192 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 45 Resp: 74897

Ion	Ratio	Lower	Upper
45	100		
77	19.0	0.0	37.9
79	16.4	0.0	34.7

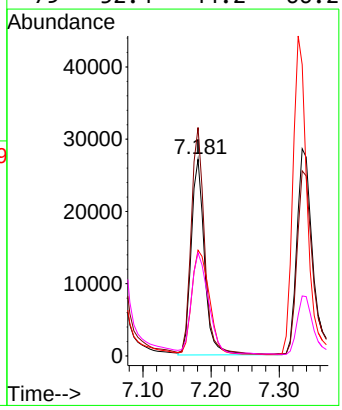


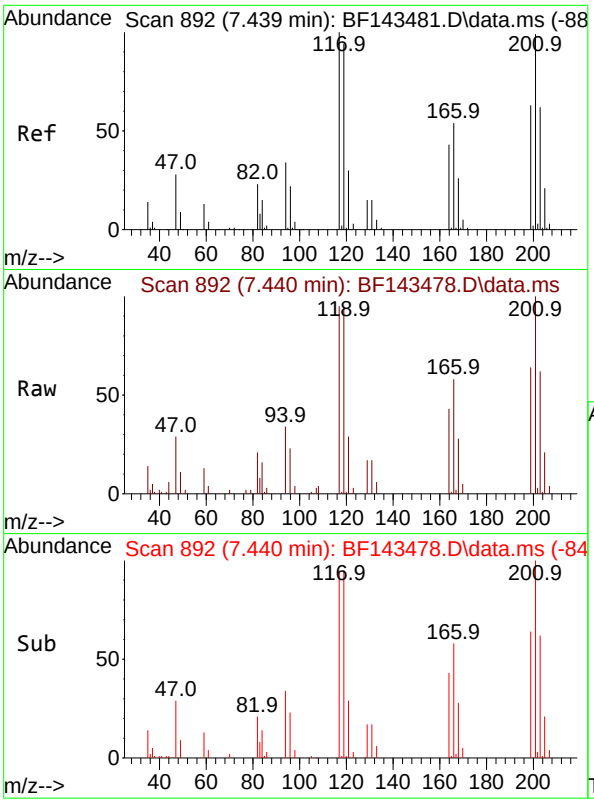


#17
2-Methylphenol
Concen: 5.180 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:107 Resp: 36752

Ion	Ratio	Lower	Upper
107	100		
108	116.1	91.1	136.7
77	53.7	46.2	69.4
79	52.4	44.2	66.2



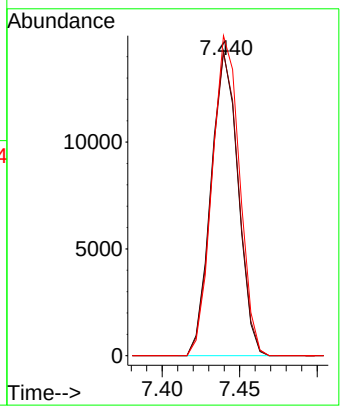


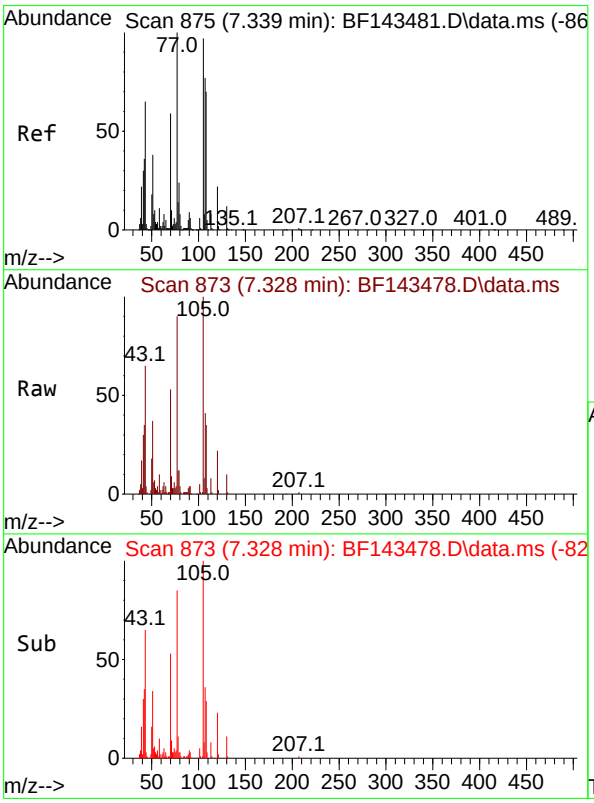
#18
Hexachloroethane
Concen: 5.108 ng
RT: 7.440 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:117 Resp: 17304

Ion	Ratio	Lower	Upper
117	100		
119	99.6	75.4	113.0
201	105.1	79.0	118.4

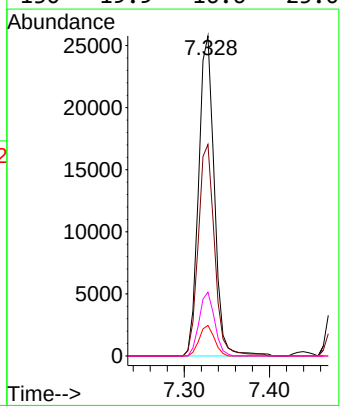


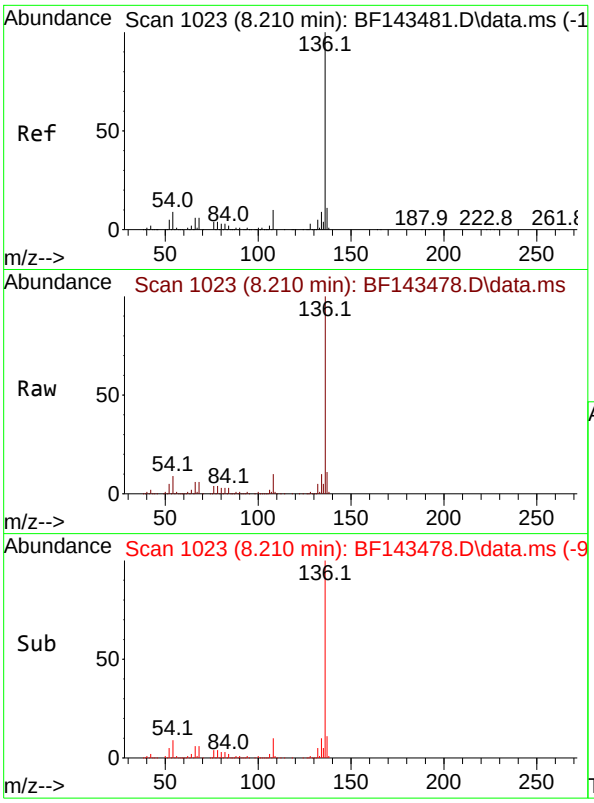


#19
n-Nitroso-di-n-propylamine
Concen: 5.458 ng
RT: 7.328 min Scan# 873
Delta R.T. -0.024 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion: 70 Resp: 32958

Ion	Ratio	Lower	Upper
70	100		
42	66.1	49.3	73.9
101	9.5	7.8	11.8
130	19.9	16.6	25.0



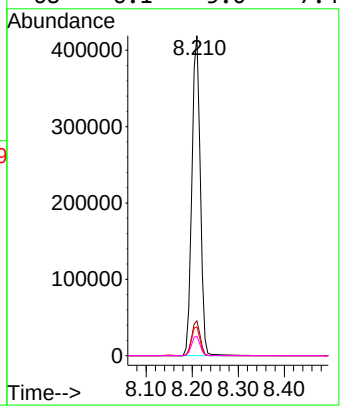


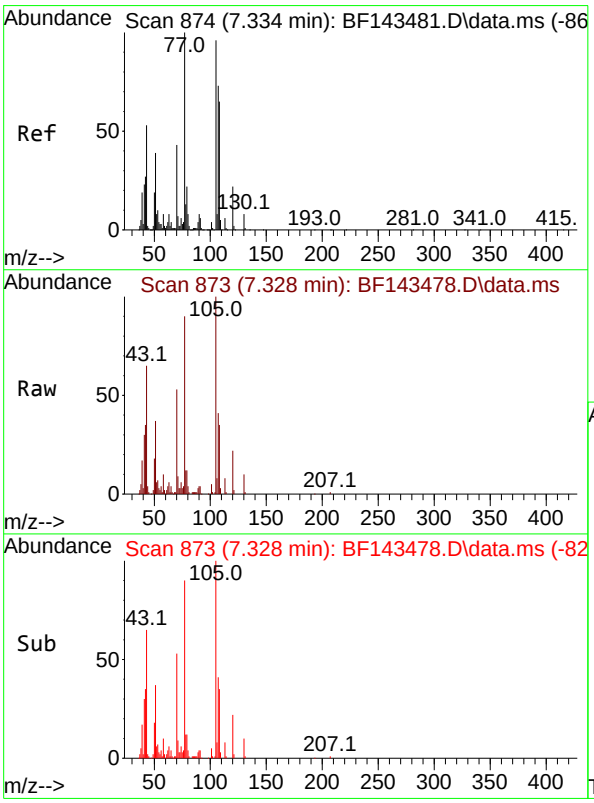
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 528467

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	9.0	7.4	11.2
68	6.1	5.0	7.4

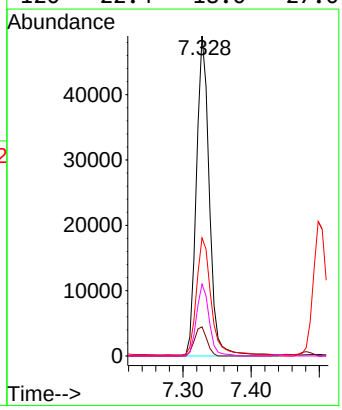


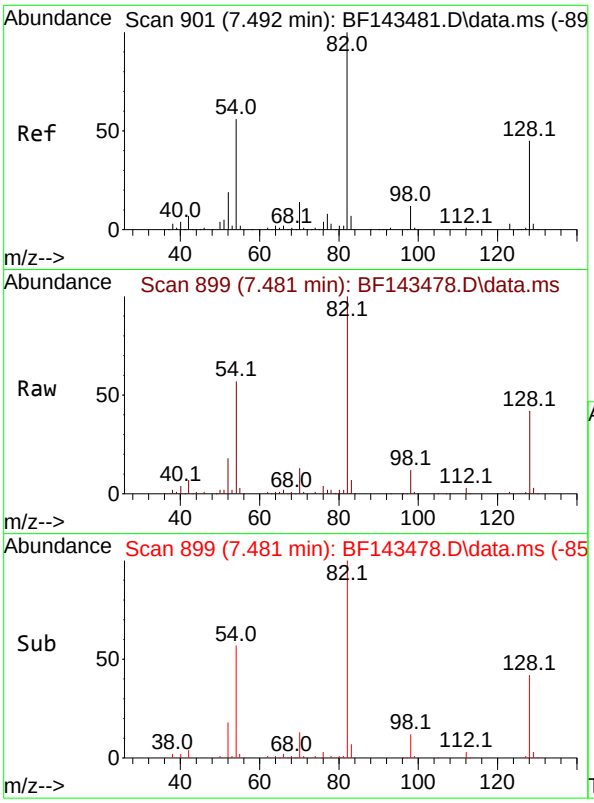


#22
Acetophenone
Concen: 5.658 ng
RT: 7.328 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:105 Resp: 64602

Ion	Ratio	Lower	Upper
105	100		
71	9.1	5.9	8.9#
51	36.9	32.5	48.7
120	22.4	18.0	27.0



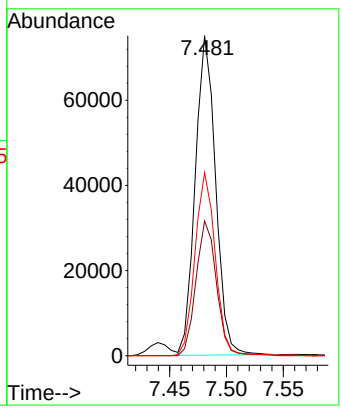


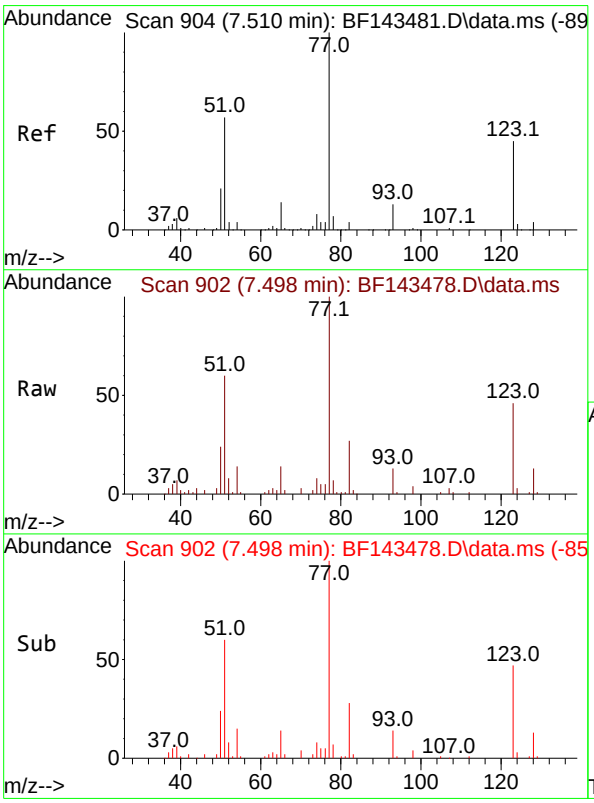
#23
Nitrobenzene-d5
Concen: 10.327 ng
RT: 7.481 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 93525

Ion	Ratio	Lower	Upper
82	100		
128	42.1	35.5	53.3
54	57.2	44.3	66.5

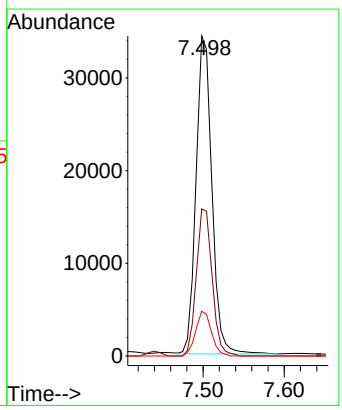


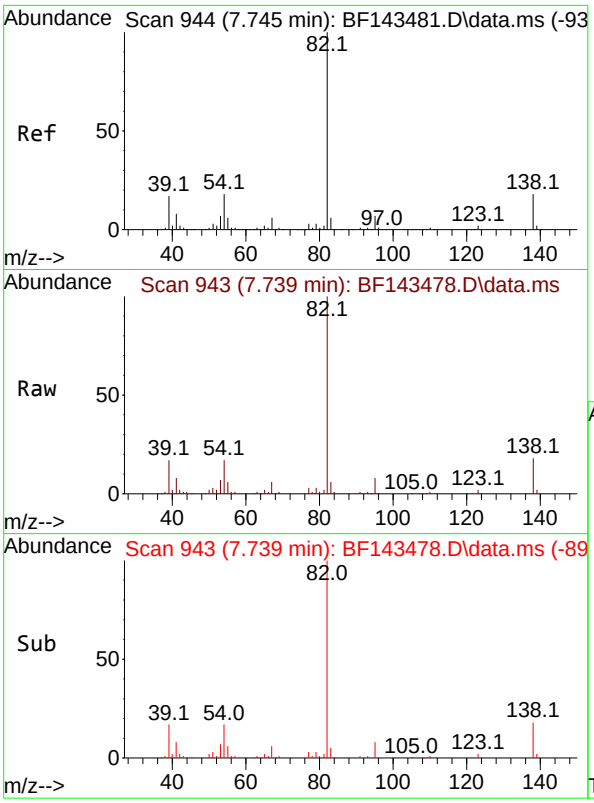


#24
Nitrobenzene
Concen: 5.004 ng
RT: 7.498 min Scan# 902
Delta R.T. -0.018 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion: 77 Resp: 46642

Ion	Ratio	Lower	Upper
77	100		
123	46.0	36.1	54.1
65	14.0	11.0	16.6



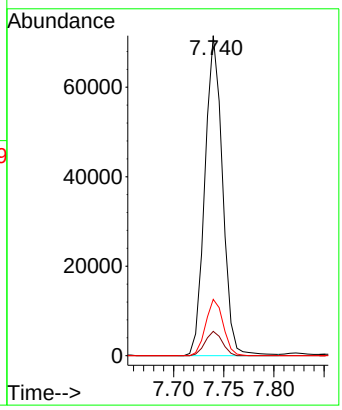


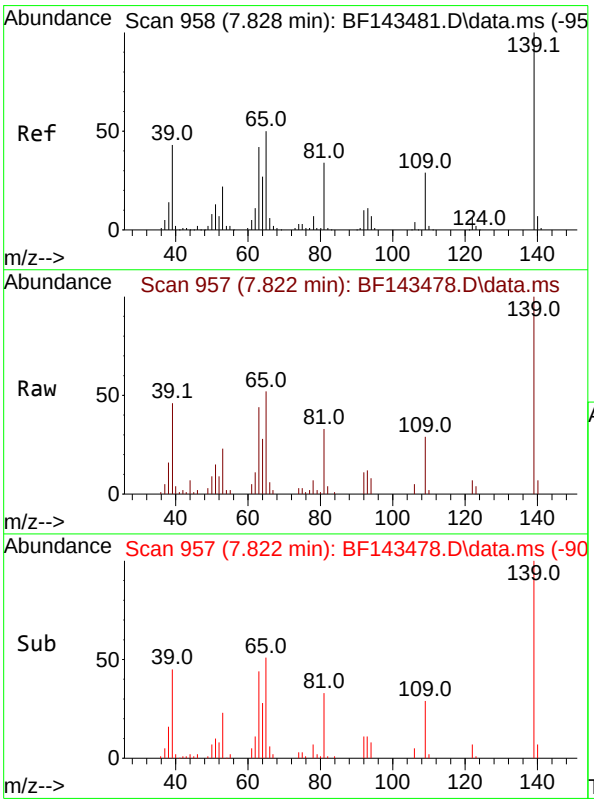
#25
Isophorone
Concen: 5.298 ng
RT: 7.739 min Scan# 94
Delta R.T. -0.018 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 87950

Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.8	8.8
138	17.6	14.2	21.4

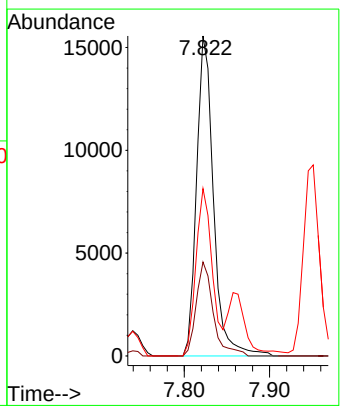


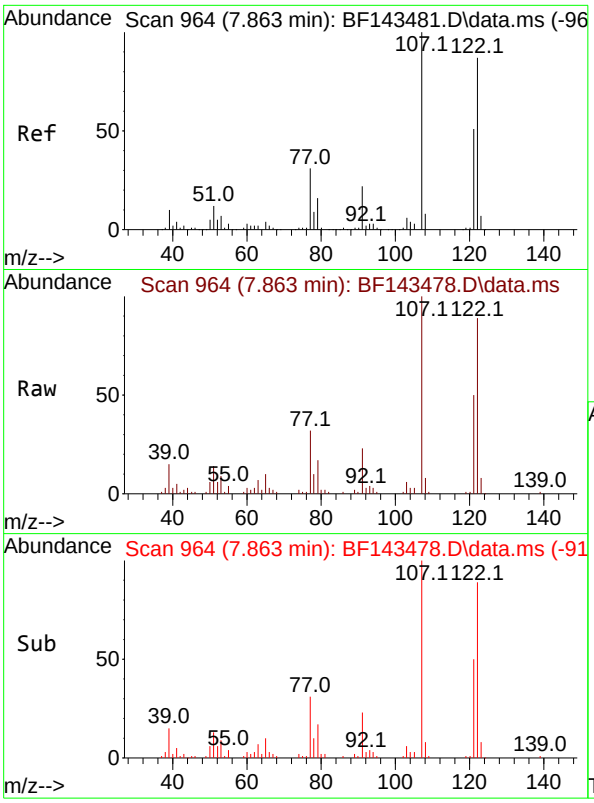


#26
2-Nitrophenol
Concen: 4.697 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:139 Resp: 21447

Ion	Ratio	Lower	Upper
139	100		
109	29.3	23.0	34.6
65	52.3	40.3	60.5



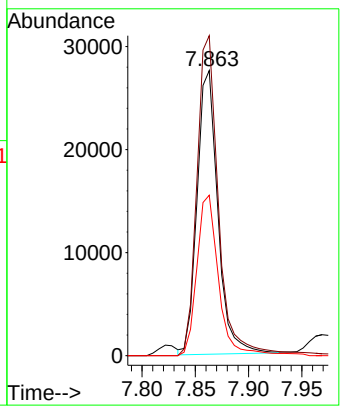


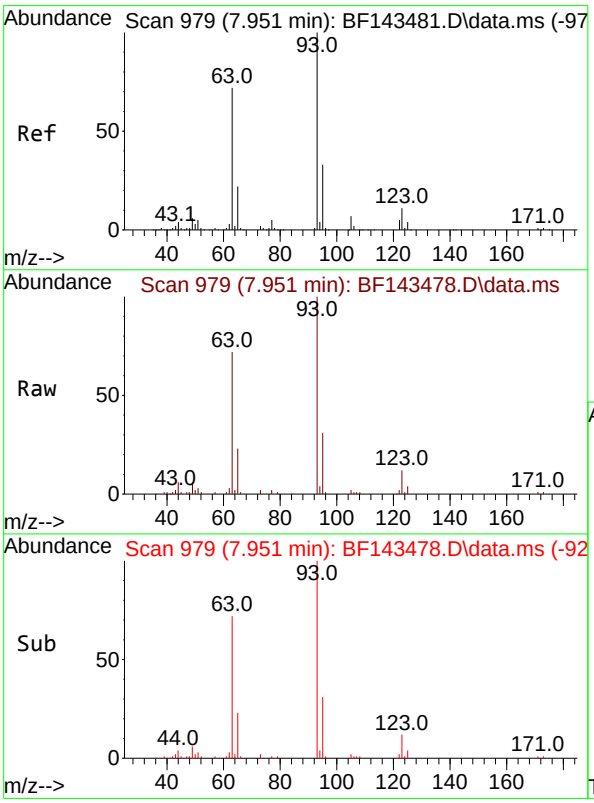
#27
2,4-Dimethylphenol
Concen: 5.255 ng
RT: 7.863 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:122 Resp: 37403

Ion	Ratio	Lower	Upper
122	100		
107	112.2	91.5	137.3
121	56.3	47.0	70.4

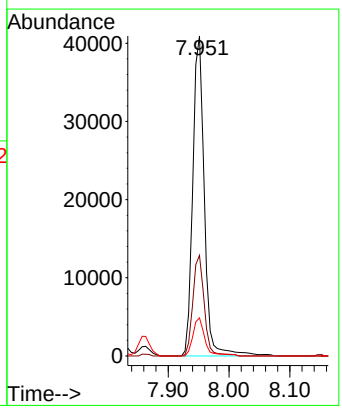


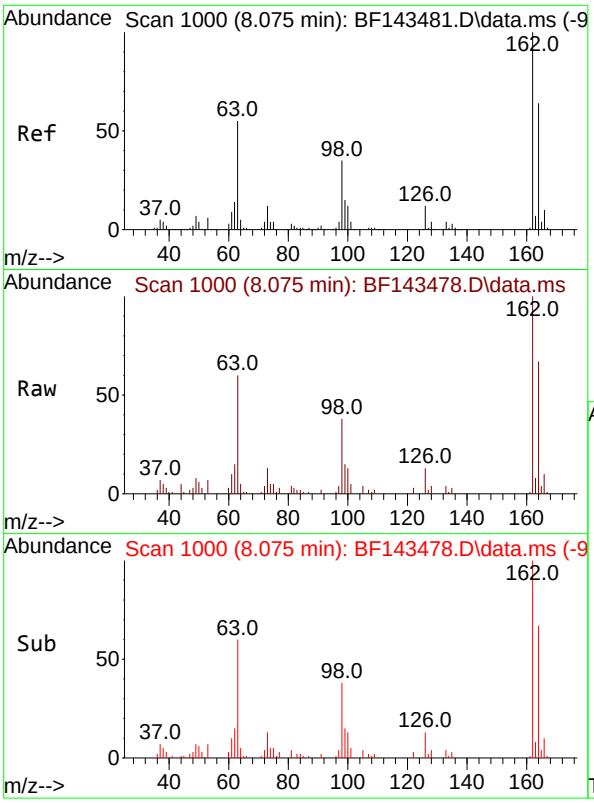


#28
bis(2-Chloroethoxy)methane
Concen: 5.299 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion: 93 Resp: 54059

Ion	Ratio	Lower	Upper
93	100		
95	31.4	26.0	39.0
123	11.9	9.1	13.7



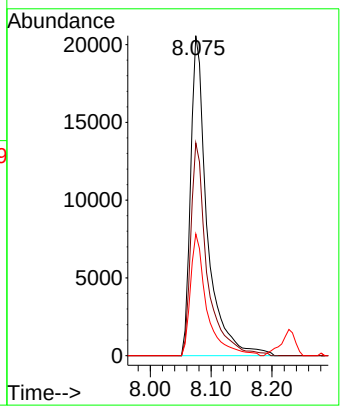


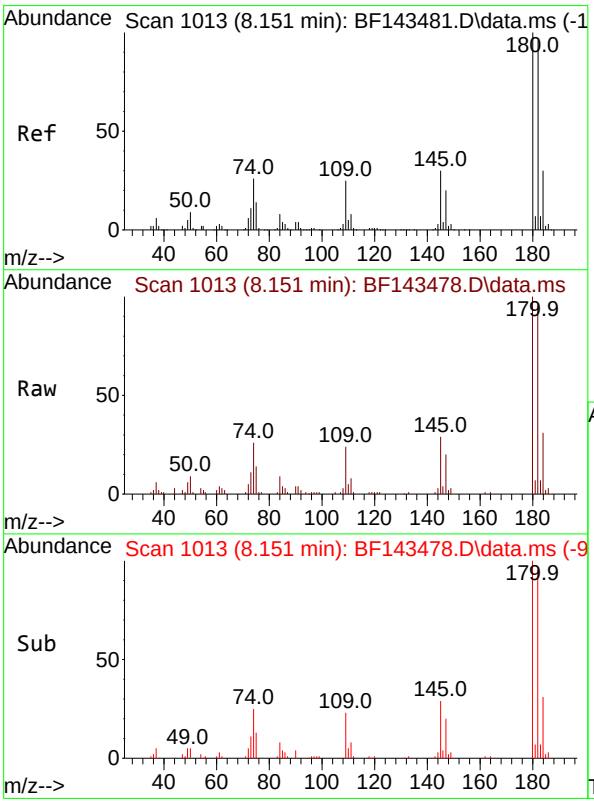
#29
2,4-Dichlorophenol
Concen: 5.093 ng
RT: 8.075 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 38716

Ion	Ratio	Lower	Upper
162	100		
164	66.5	43.5	83.5
98	38.0	15.1	55.1

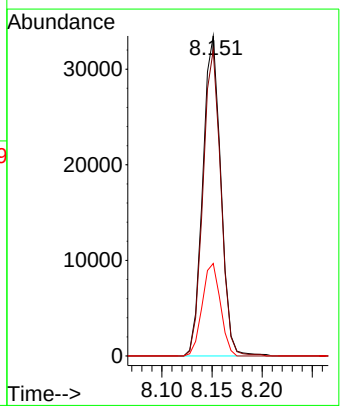


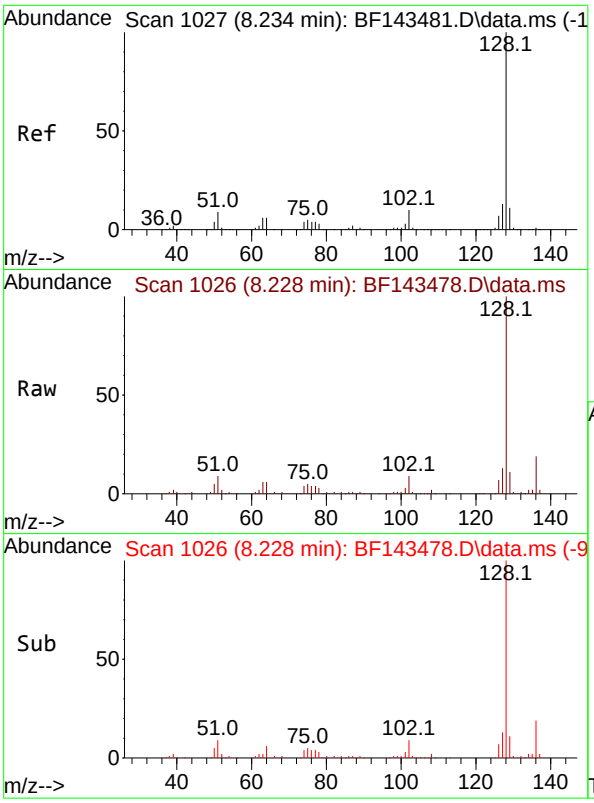


#30
1,2,4-Trichlorobenzene
Concen: 5.382 ng
RT: 8.151 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:180 Resp: 42060

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.6	114.8
145	28.9	24.3	36.5



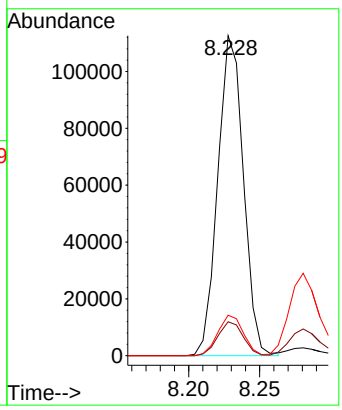


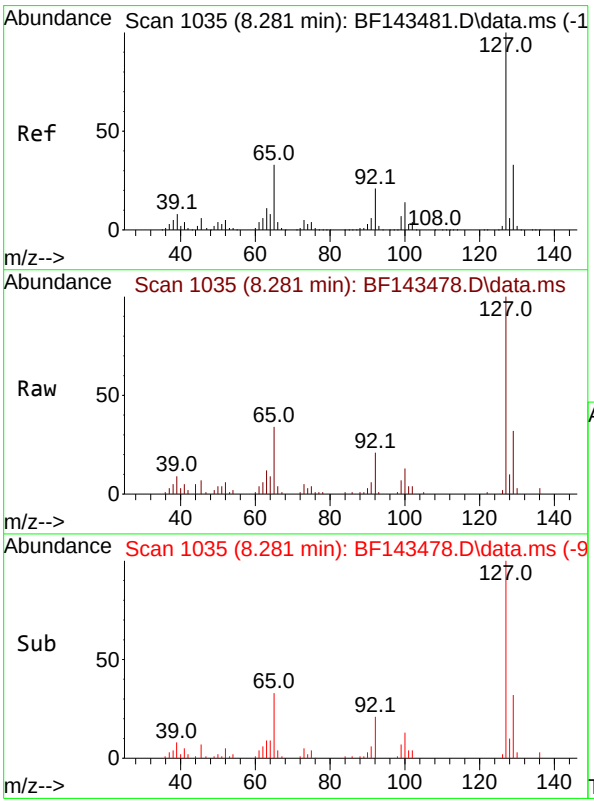
#31
Naphthalene
Concen: 5.565 ng
RT: 8.228 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 141189

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	12.7	10.6	16.0

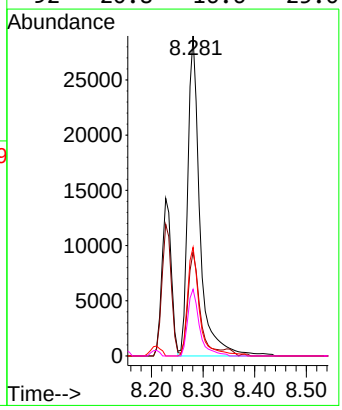


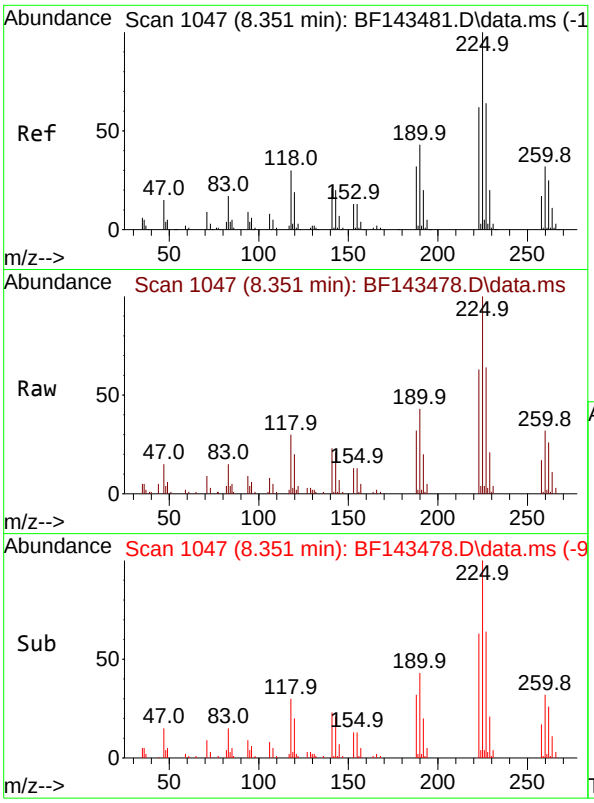


#33
4-Chloroaniline
Concen: 5.264 ng
RT: 8.281 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:127 Resp: 47399

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	34.0	26.2	39.2
92	20.8	16.6	25.0



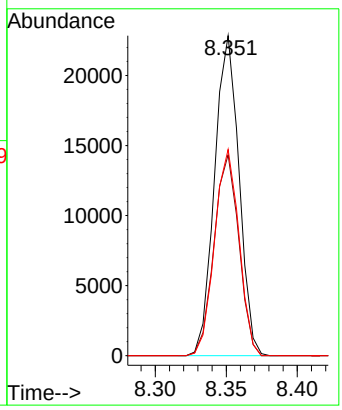


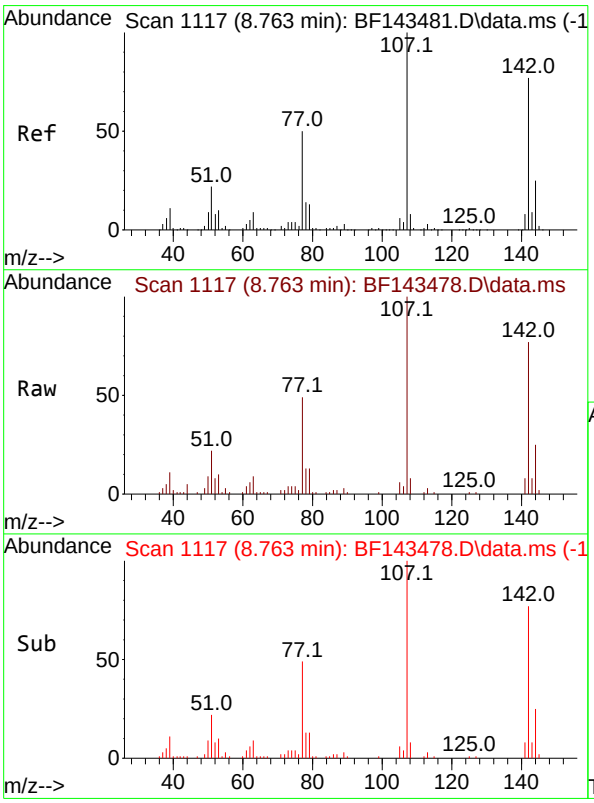
#34
Hexachlorobutadiene
Concen: 5.357 ng
RT: 8.351 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:225 Resp: 27313

Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.9	74.9
227	64.5	50.9	76.3

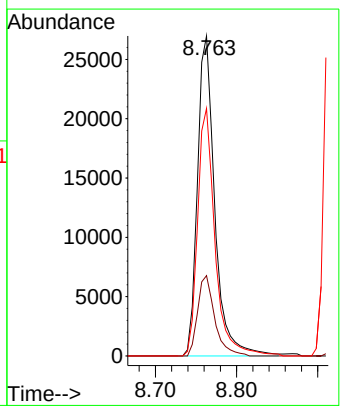


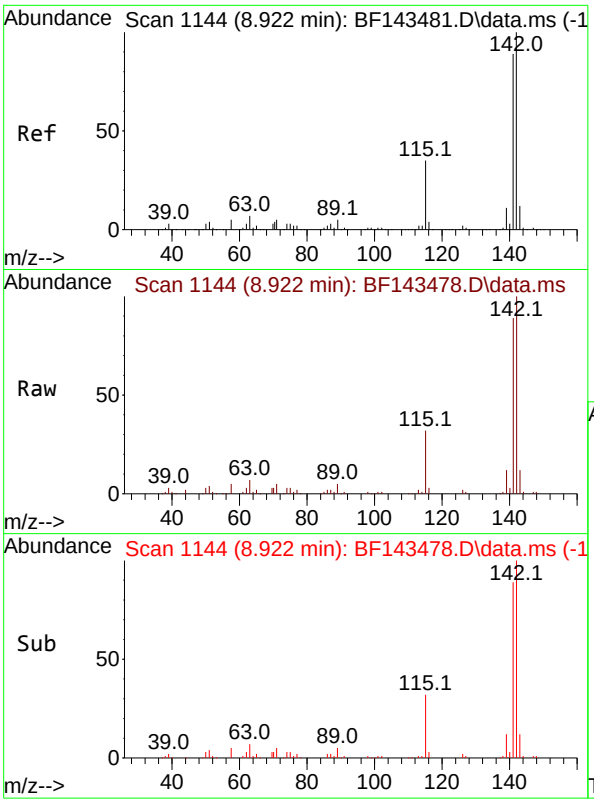


#36
4-Chloro-3-methylphenol
Concen: 5.259 ng
RT: 8.763 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:107 Resp: 40059

Ion	Ratio	Lower	Upper
107	100		
144	25.1	19.9	29.9
142	77.4	61.8	92.8



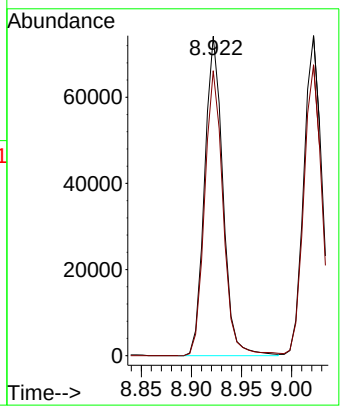


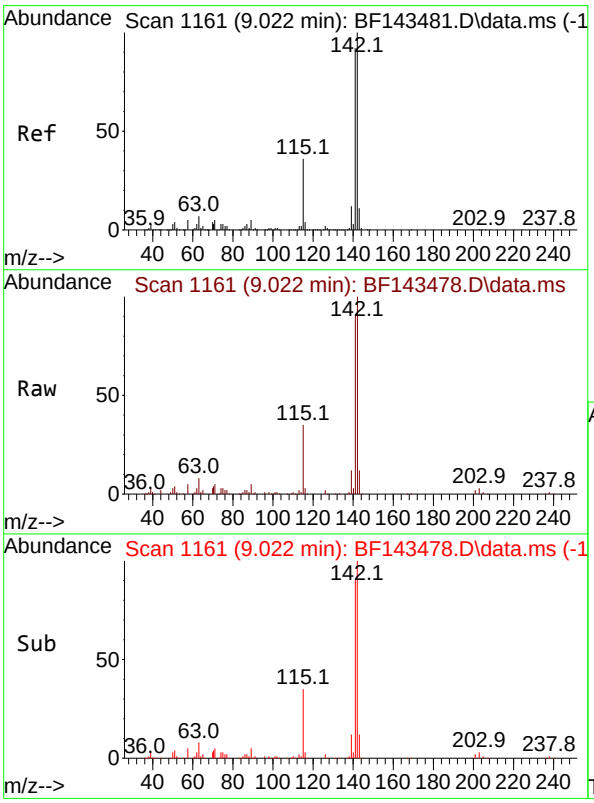
#37
2-Methylnaphthalene
Concen: 5.585 ng
RT: 8.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 94640

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.4

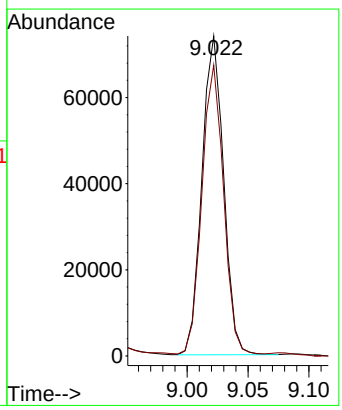


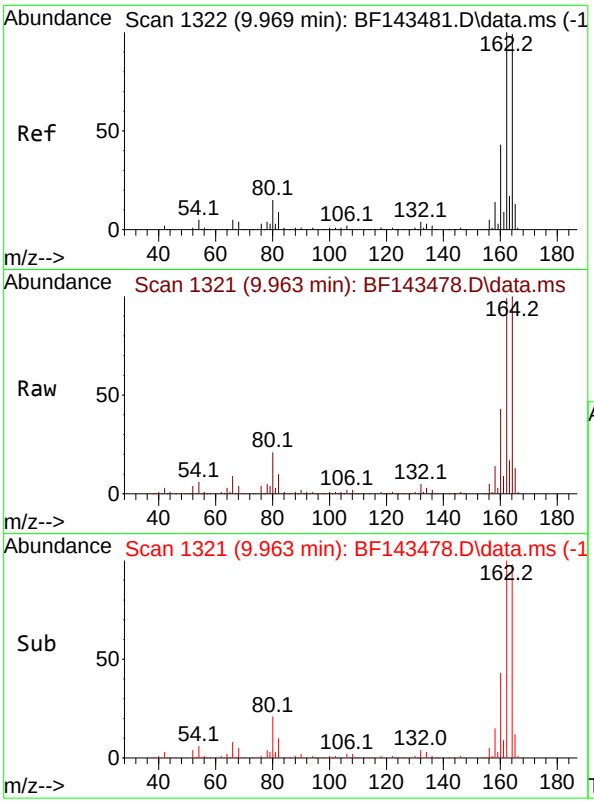


#38
1-Methylnaphthalene
Concen: 5.644 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:142 Resp: 91483

Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.3	109.9



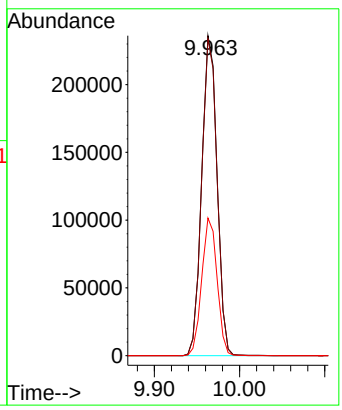


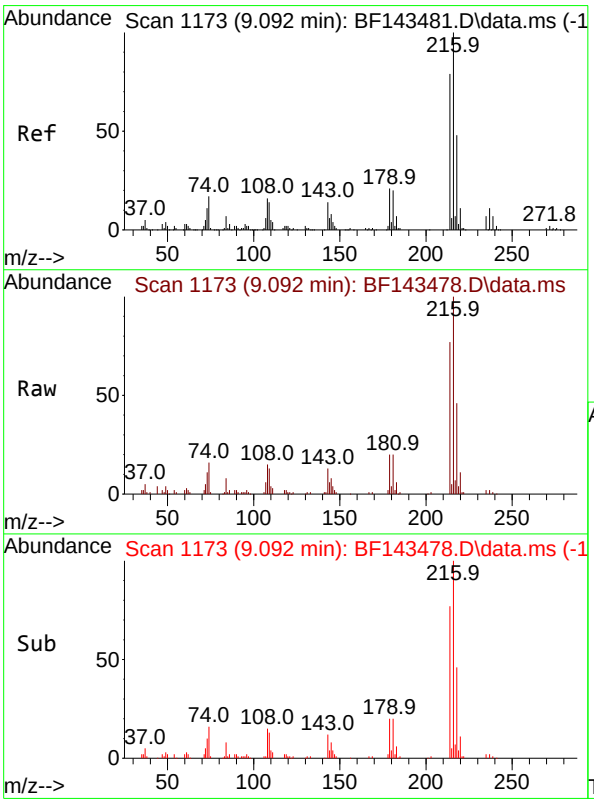
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:164 Resp: 295421

Ion	Ratio	Lower	Upper
164	100		
162	99.1	80.5	120.7
160	43.0	34.3	51.5

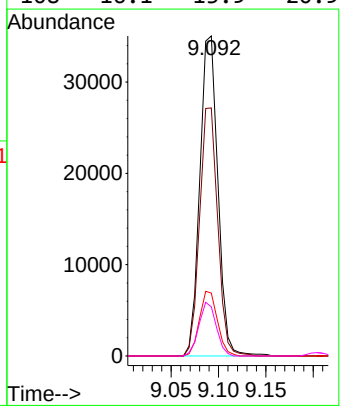


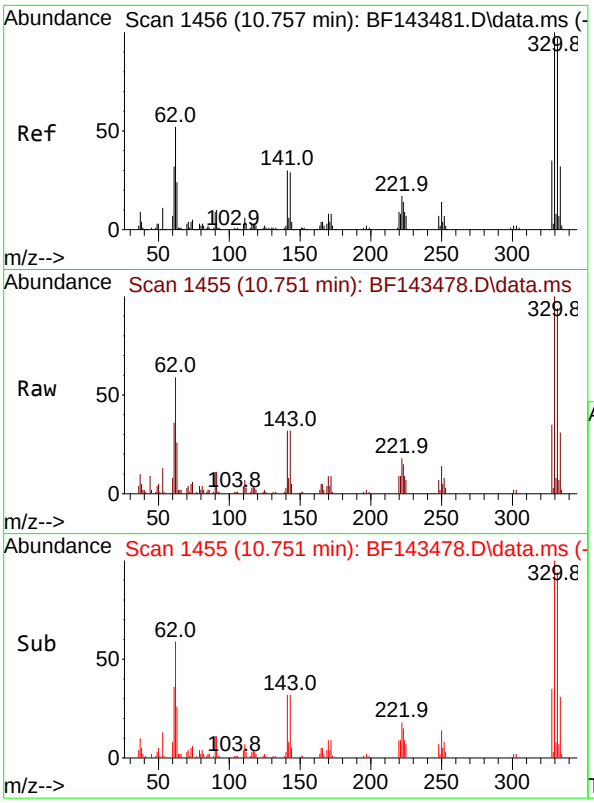


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.494 ng
RT: 9.092 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:216 Resp: 46429

Ion	Ratio	Lower	Upper
216	100		
214	77.4	63.4	95.0
179	20.2	16.5	24.7
108	16.1	13.9	20.9



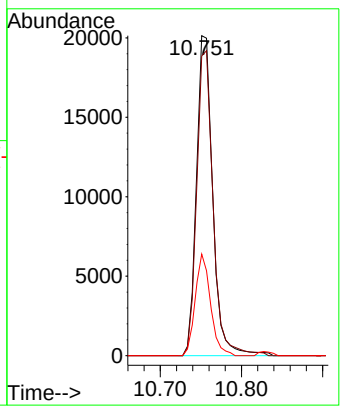


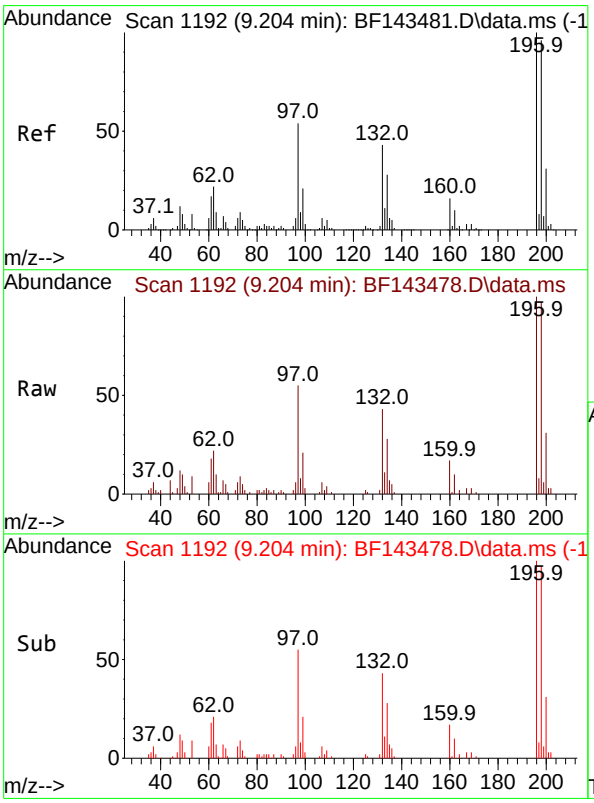
#42
2,4,6-Tribromophenol
Concen: 10.254 ng
RT: 10.751 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:330 Resp: 28197

Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.0	117.0
141	29.8	23.7	35.5

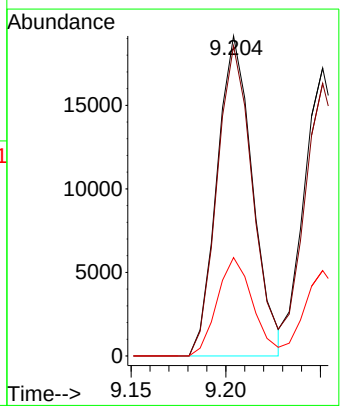


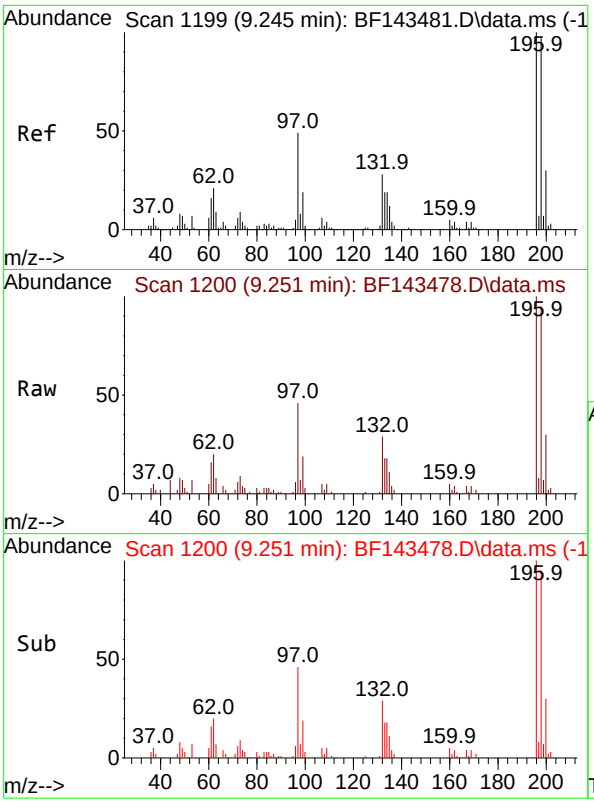


#43
2,4,6-Trichlorophenol
Concen: 4.807 ng
RT: 9.204 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:196 Resp: 24994

Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.0	115.4
200	30.8	24.6	37.0



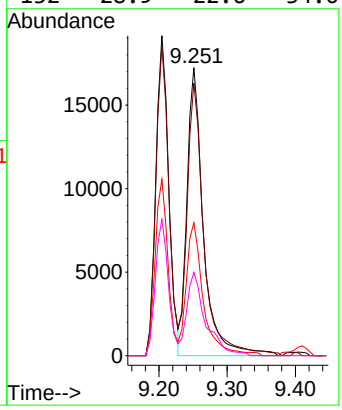


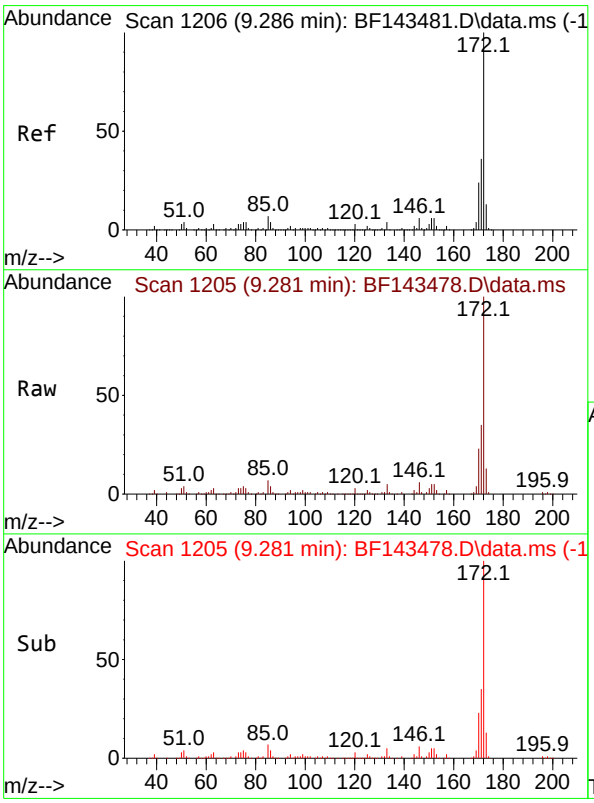
#44
2,4,5-Trichlorophenol
Concen: 5.089 ng
RT: 9.251 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 28903

Ion	Ratio	Lower	Upper
196	100		
198	94.7	77.3	115.9
97	46.2	40.0	60.0
132	28.9	22.6	34.0

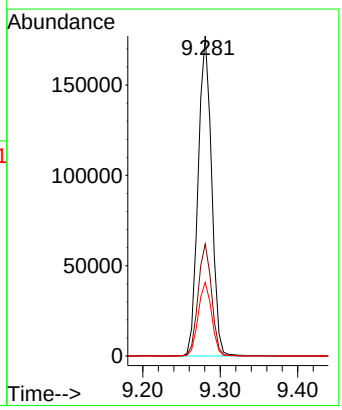


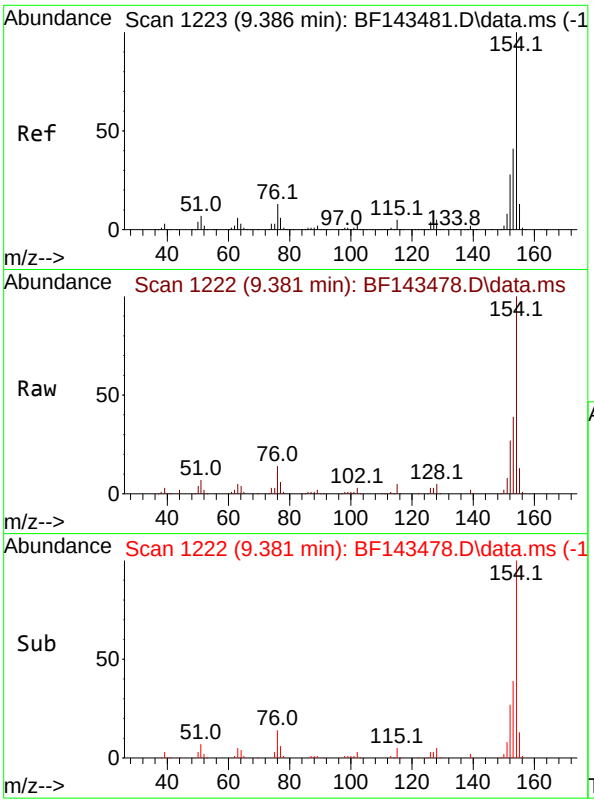


#45
2-Fluorobiphenyl
Concen: 11.943 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:172 Resp: 213485

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.8	43.2
170	23.0	18.8	28.2



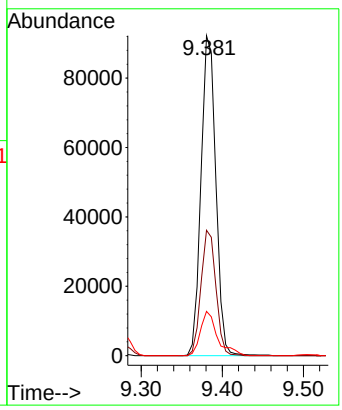


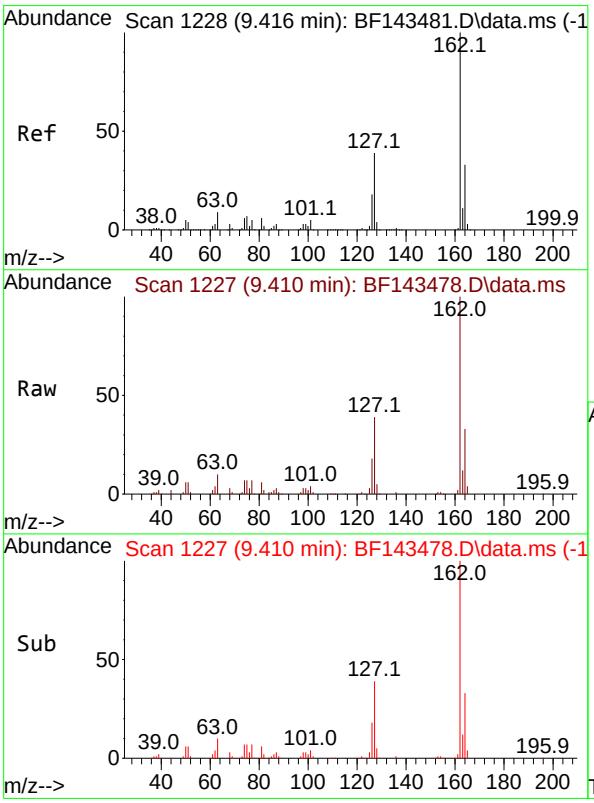
#46
1,1'-Biphenyl
Concen: 5.573 ng
RT: 9.381 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 116864

Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.6	60.6
76	13.9	0.0	33.0

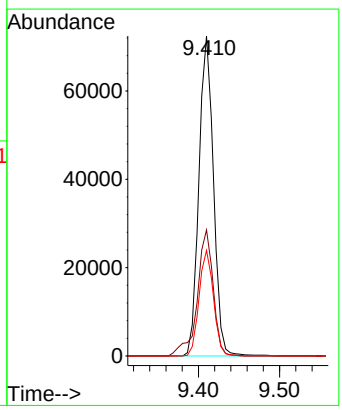


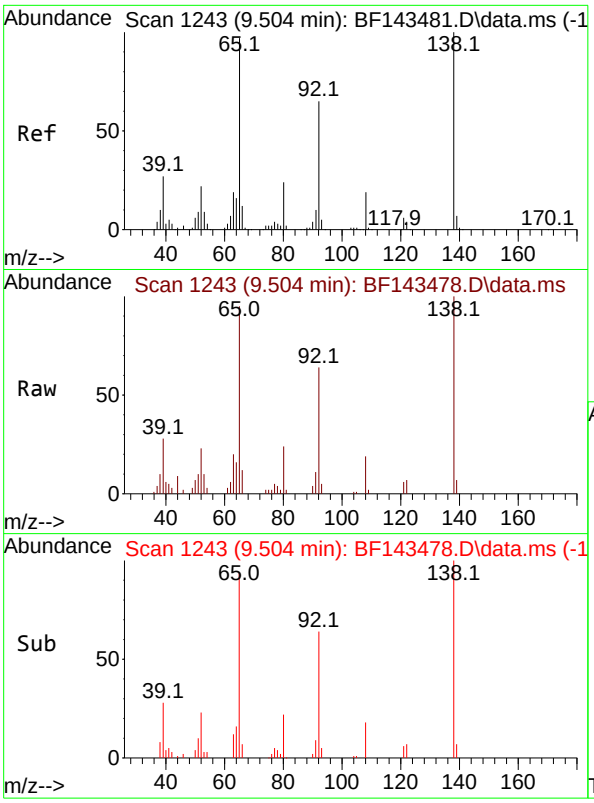


#47
2-Chloronaphthalene
Concen: 5.484 ng
RT: 9.410 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:162 Resp: 90223

Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.8	47.6
164	33.0	26.4	39.6



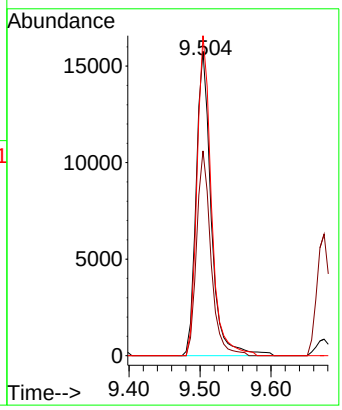


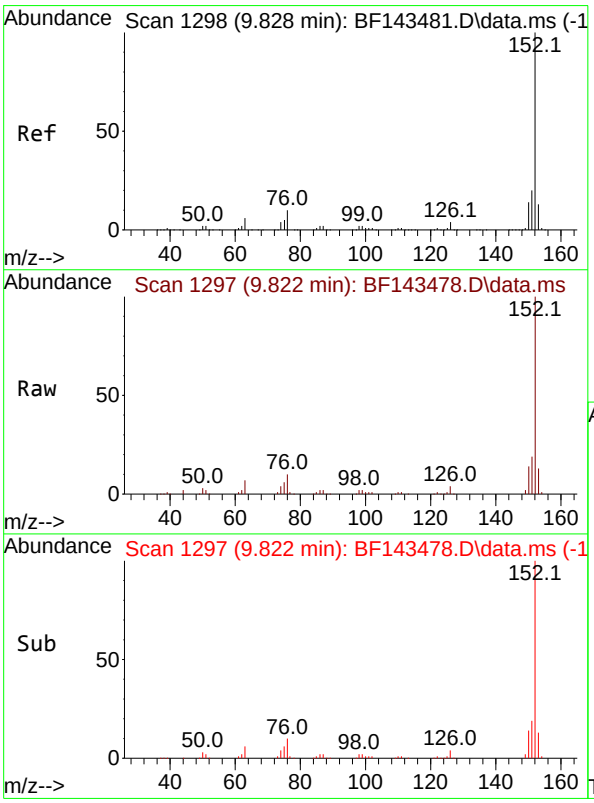
#48
2-Nitroaniline
Concen: 4.820 ng
RT: 9.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 65 Resp: 23209

Ion	Ratio	Lower	Upper
65	100		
92	67.3	53.8	80.6
138	105.1	82.4	123.6

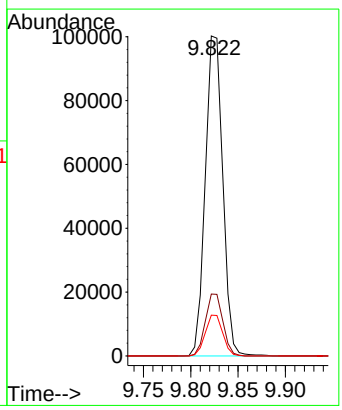


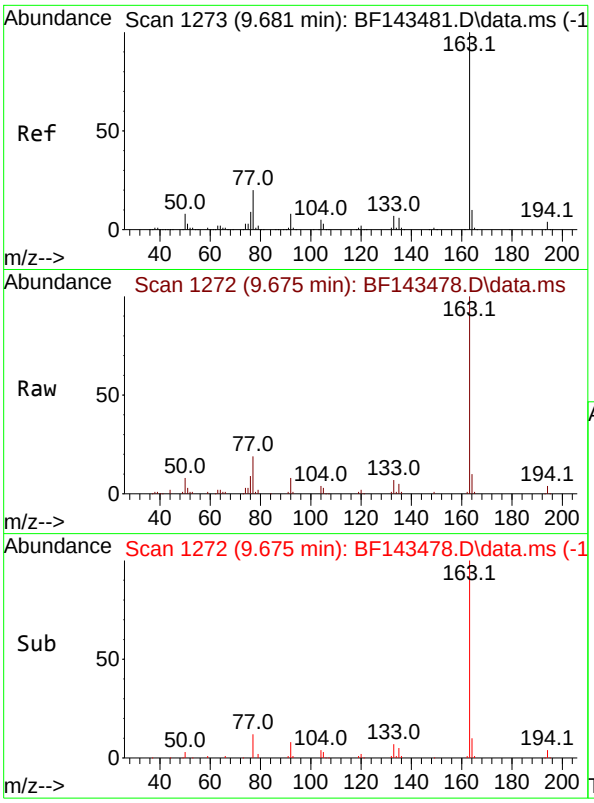


#49
Acenaphthylene
Concen: 5.478 ng
RT: 9.822 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:152 Resp: 129052

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.2	24.4
153	12.8	10.6	15.8



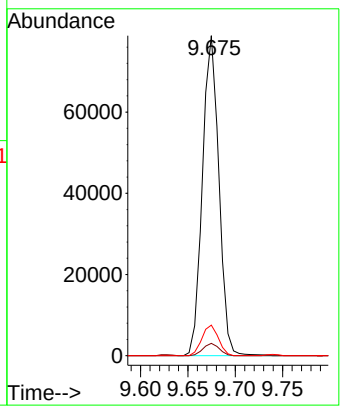


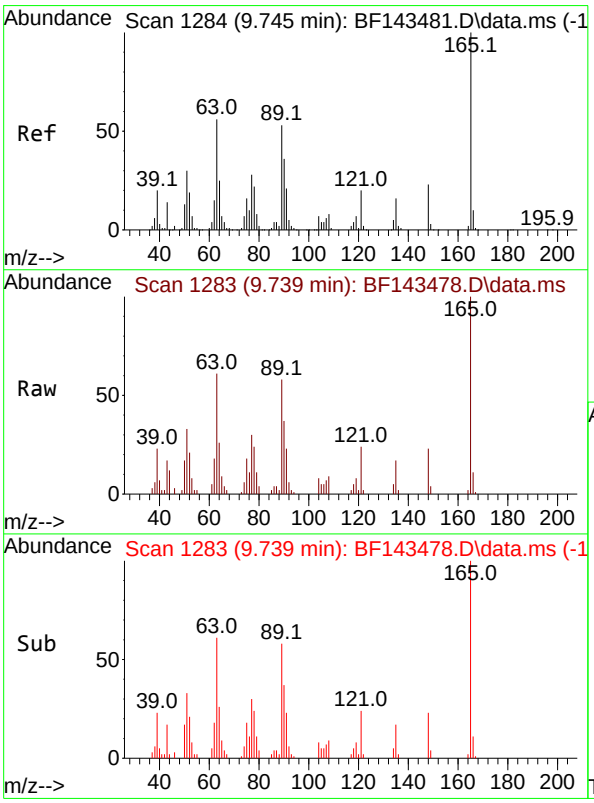
#50
Dimethylphthalate
Concen: 5.366 ng
RT: 9.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:163 Resp: 95475

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	9.5	8.2	12.2

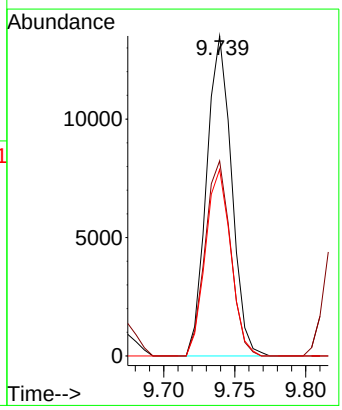


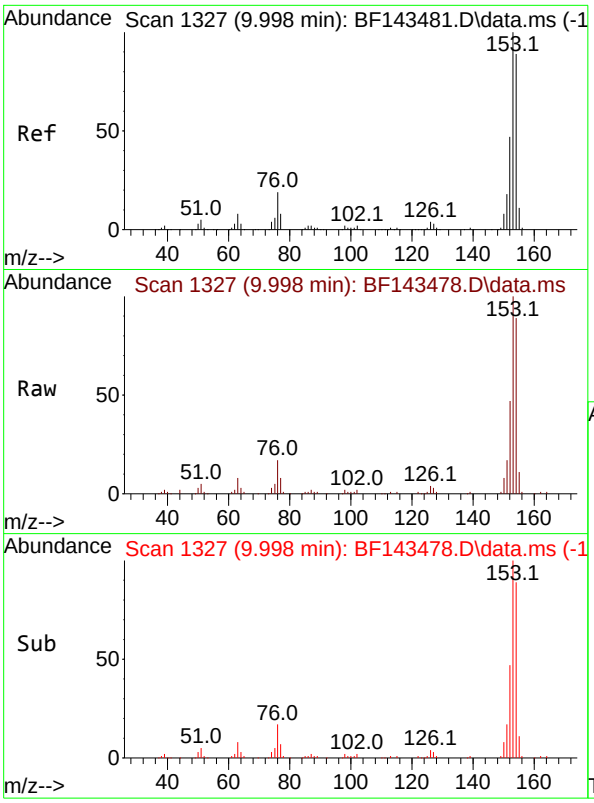


#51
2,6-Dinitrotoluene
Concen: 4.480 ng
RT: 9.739 min Scan# 1283
Delta R.T. -0.012 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:165 Resp: 16519

Ion	Ratio	Lower	Upper
165	100		
63	61.0	45.0	67.6
89	58.3	42.5	63.7



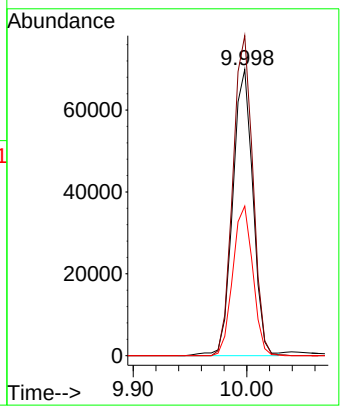


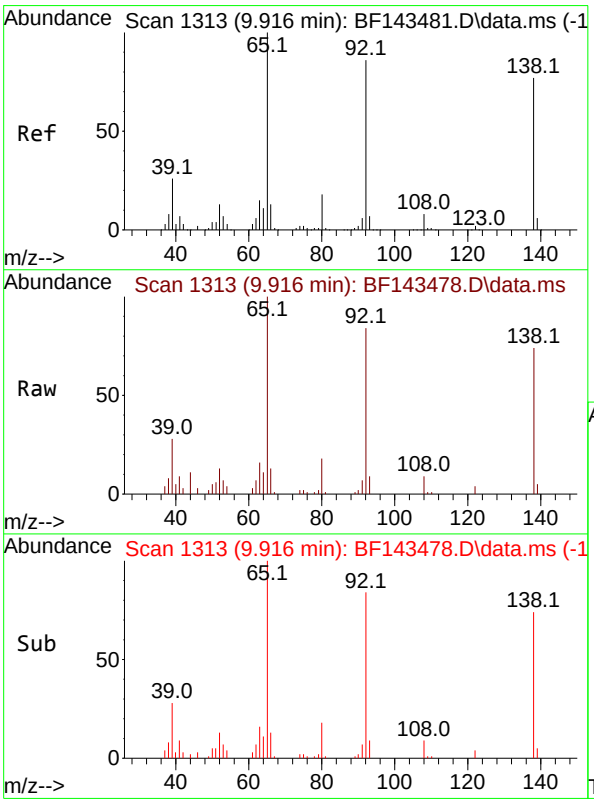
#52
Acenaphthene
Concen: 5.402 ng
RT: 9.998 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 86399

Ion	Ratio	Lower	Upper
154	100		
153	111.8	89.5	134.3
152	52.3	42.5	63.7

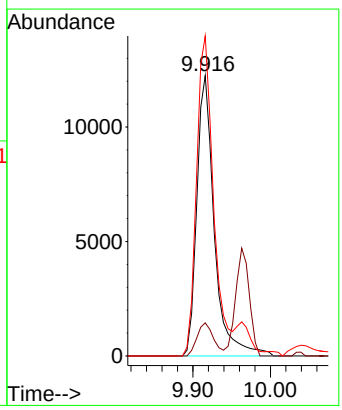


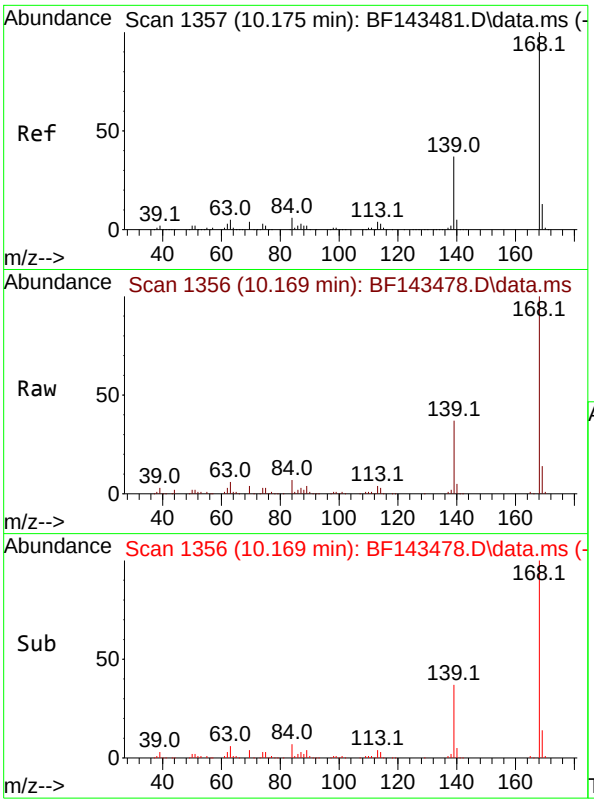


#53
3-Nitroaniline
Concen: 4.817 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:138 Resp: 19195

Ion	Ratio	Lower	Upper
138	100		
108	11.8	8.6	13.0
92	114.1	89.8	134.8



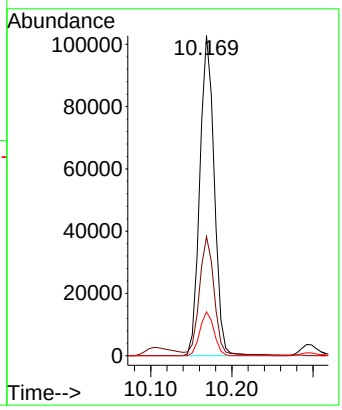


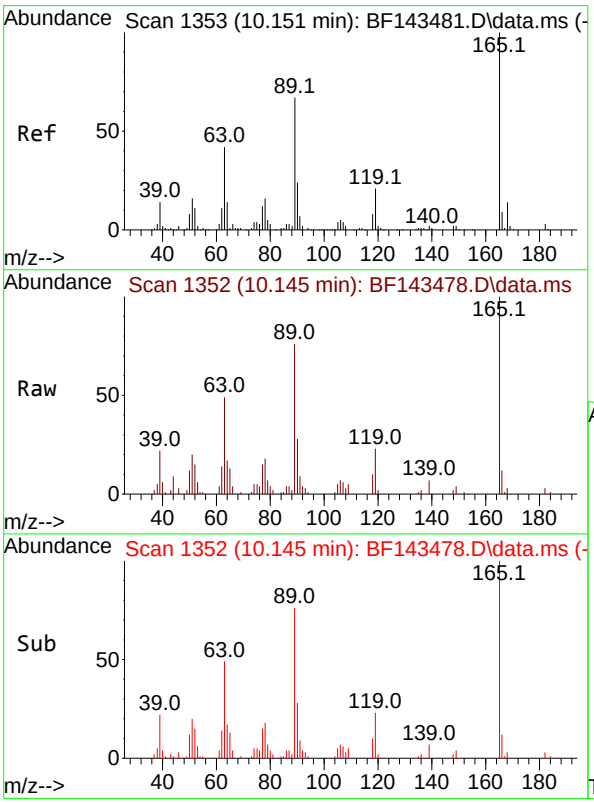
#55
Dibenzofuran
Concen: 5.561 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:168 Resp: 126806

Ion	Ratio	Lower	Upper
168	100		
139	37.2	29.8	44.6
169	13.7	10.8	16.2

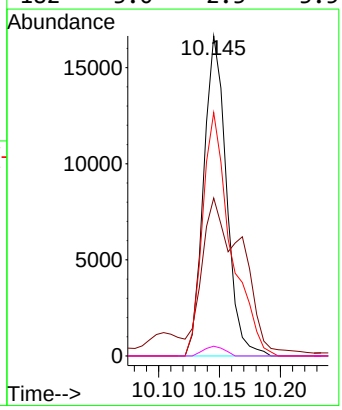


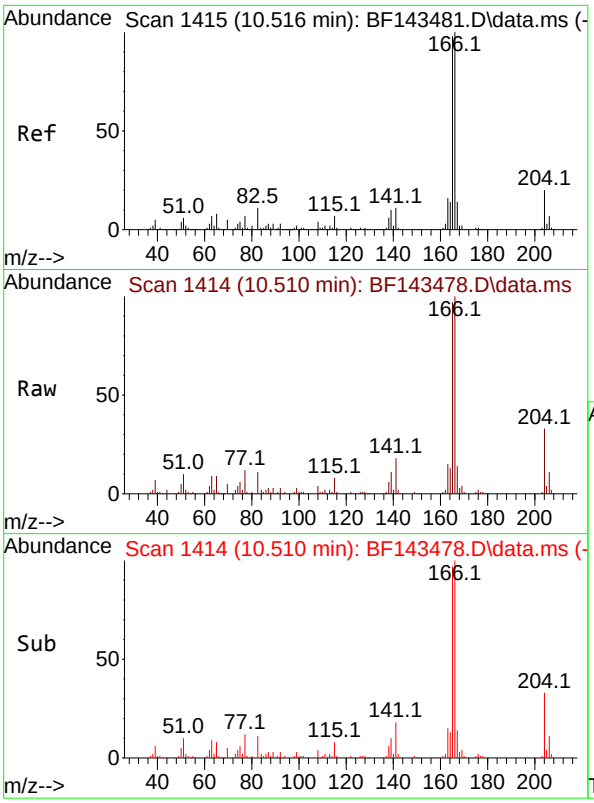


#57
2,4-Dinitrotoluene
Concen: 4.382 ng
RT: 10.145 min Scan# 1352
Delta R.T. -0.012 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:165 Resp: 21578

Ion	Ratio	Lower	Upper
165	100		
63	49.3	34.9	52.3
89	76.0	53.3	79.9
182	3.0	2.3	3.5



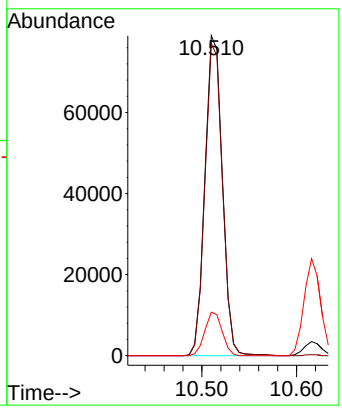


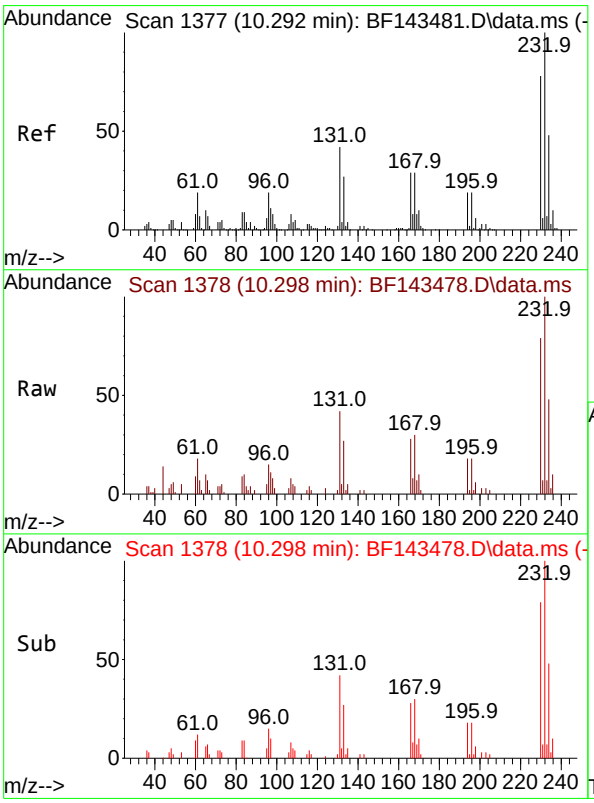
#58
Fluorene
Concen: 5.751 ng
RT: 10.510 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:166 Resp: 100926

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.3	117.5
167	13.6	11.0	16.4

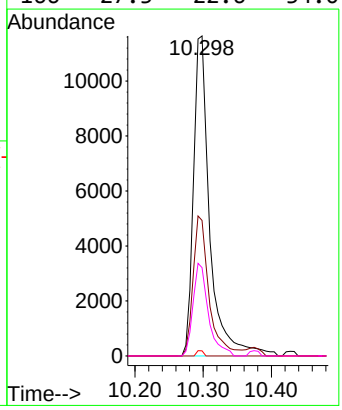


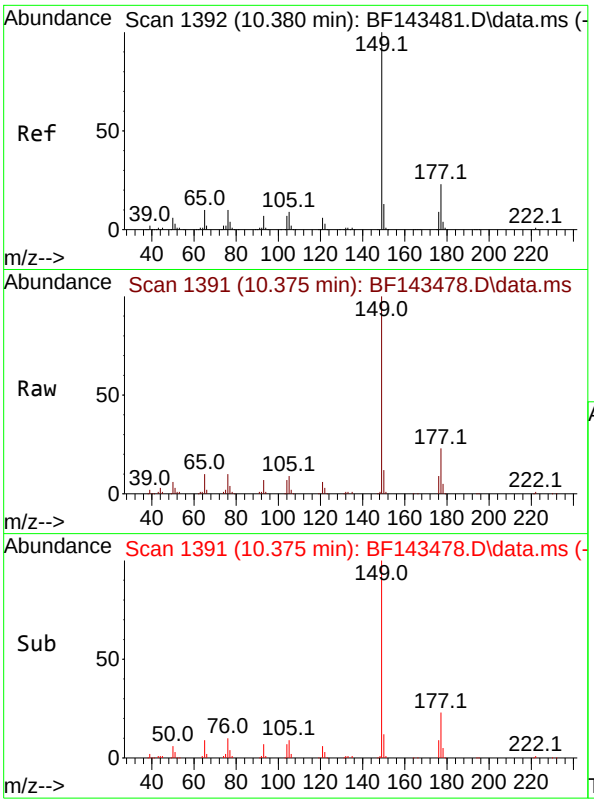


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.576 ng
RT: 10.298 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:232 Resp: 19308

Ion	Ratio	Lower	Upper
232	100		
131	43.1	32.7	49.1
130	0.7	1.6	2.4#
166	27.3	22.6	34.0



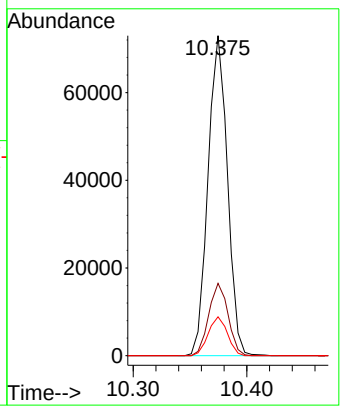


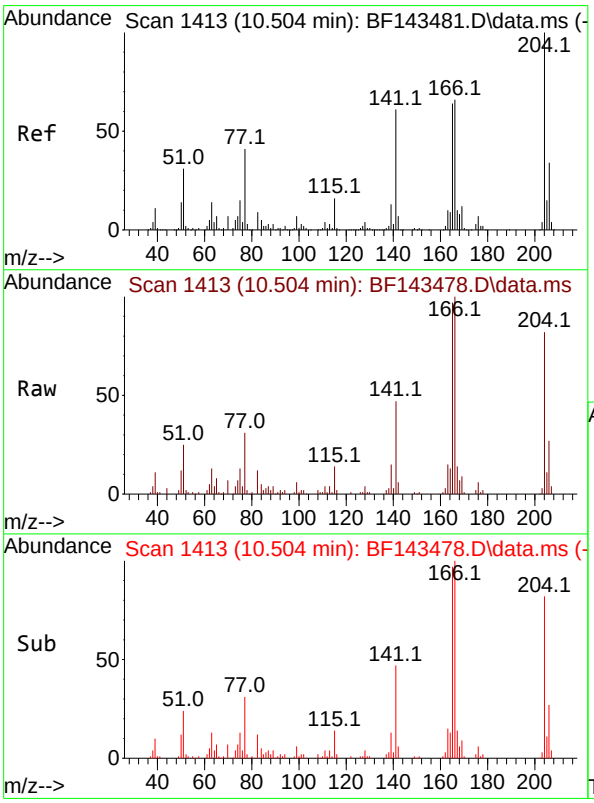
#60
Diethylphthalate
Concen: 5.425 ng
RT: 10.375 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 86539

Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.3	27.5
150	12.2	10.3	15.5

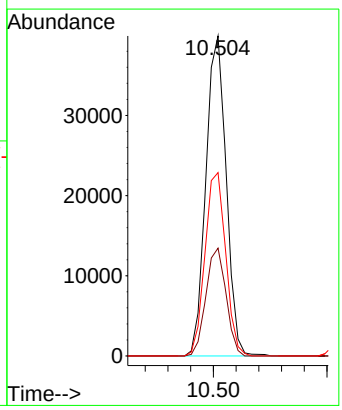


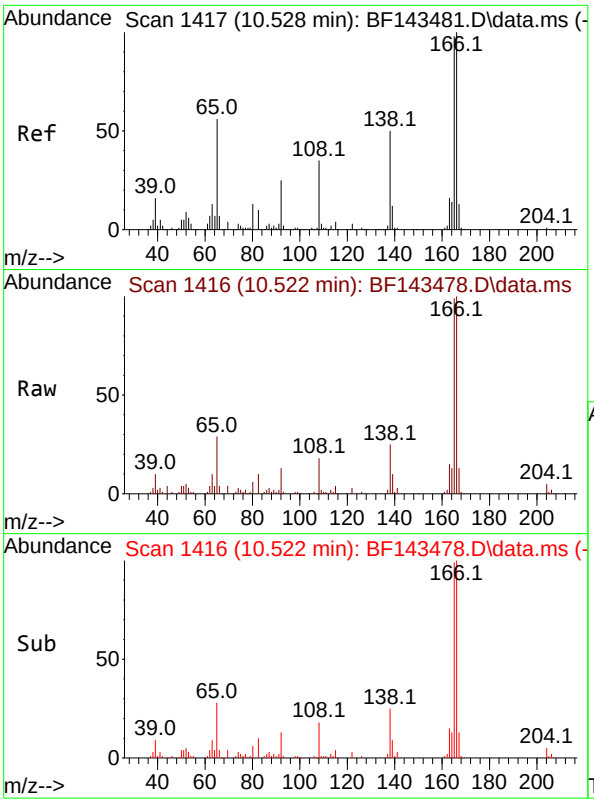


#61
4-Chlorophenyl-phenylether
Concen: 5.647 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:204 Resp: 49563

Ion	Ratio	Lower	Upper
204	100		
206	33.7	27.0	40.4
141	57.3	48.7	73.1



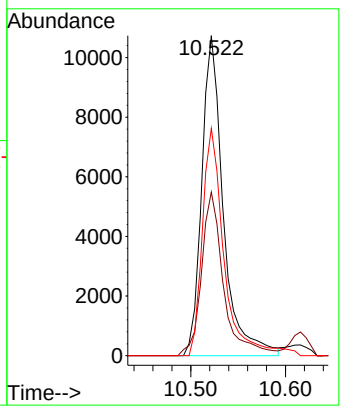


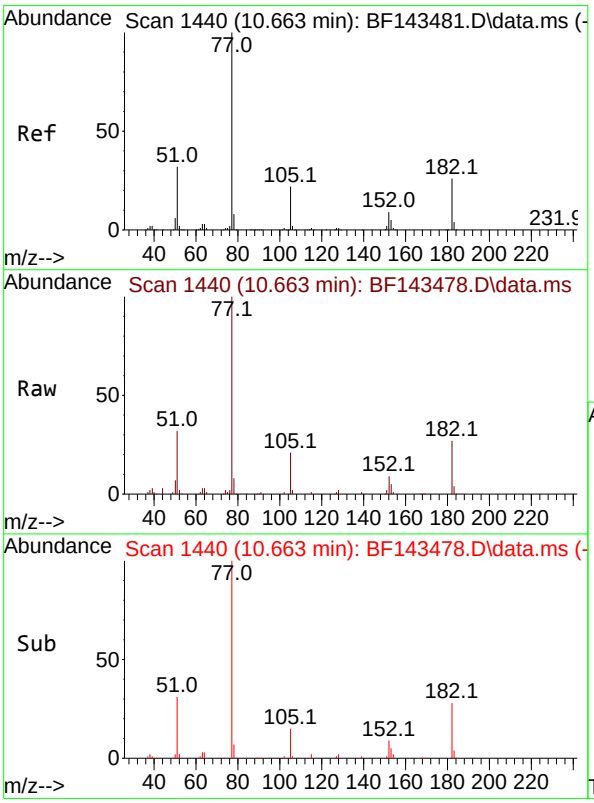
#62
4-Nitroaniline
Concen: 4.645 ng
RT: 10.522 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 16999

Ion	Ratio	Lower	Upper
138	100		
92	51.2	29.3	69.3
108	71.0	50.7	90.7

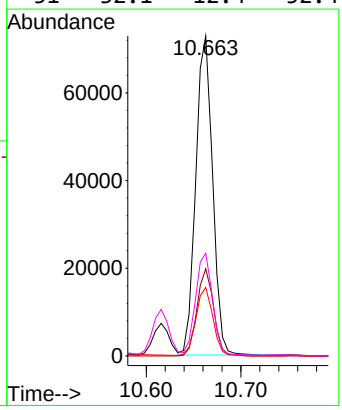


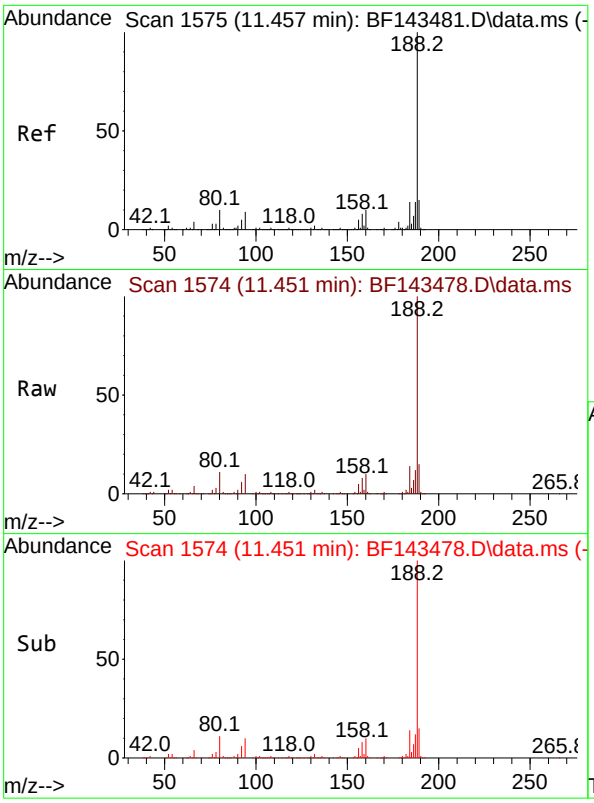


#63
Azobenzene
Concen: 5.452 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion: 77 Resp: 90174

Ion	Ratio	Lower	Upper
77	100		
182	27.3	6.2	46.2
105	21.4	2.2	42.2
51	32.1	12.4	52.4



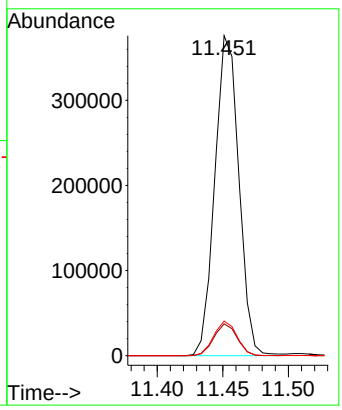


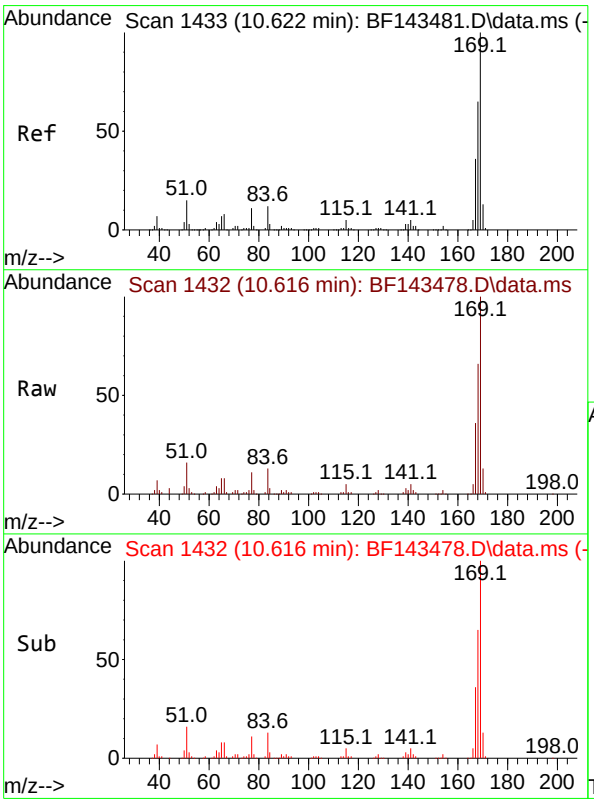
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:188 Resp: 479059

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.4	11.2
80	10.8	8.2	12.4

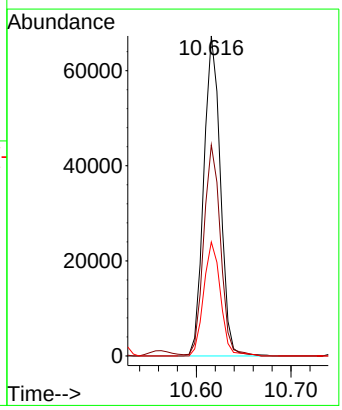


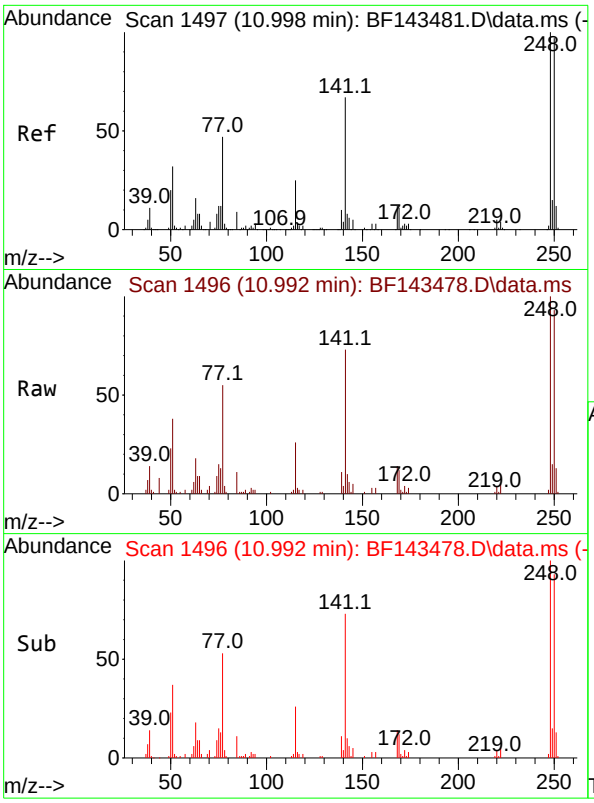


#66
n-Nitrosodiphenylamine
Concen: 5.314 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:169 Resp: 81920

Ion	Ratio	Lower	Upper
169	100		
168	66.0	52.4	78.6
167	35.6	28.9	43.3



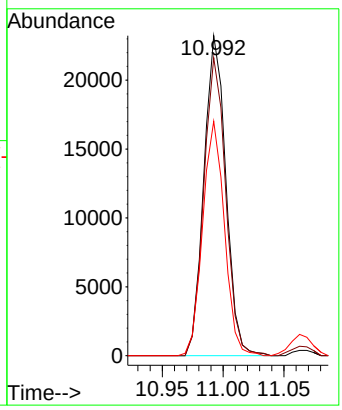


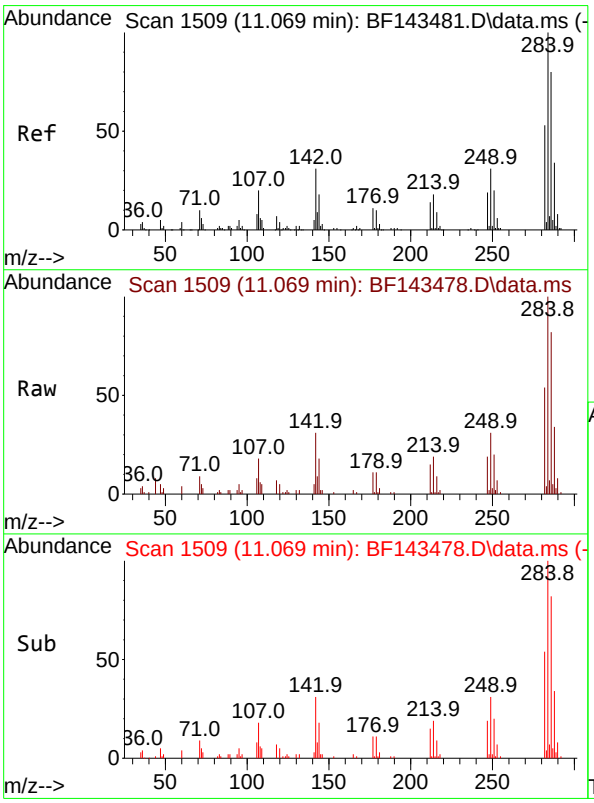
#67
4-Bromophenyl-phenylether
Concen: 5.098 ng
RT: 10.992 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 29139

Ion	Ratio	Lower	Upper
248	100		
250	93.1	77.8	116.8
141	73.2	54.0	81.0

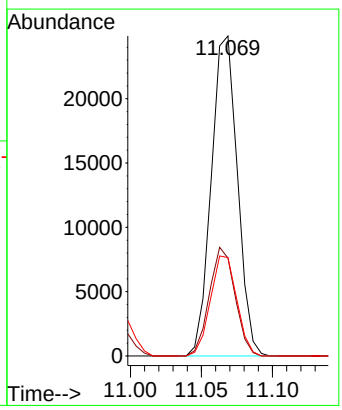


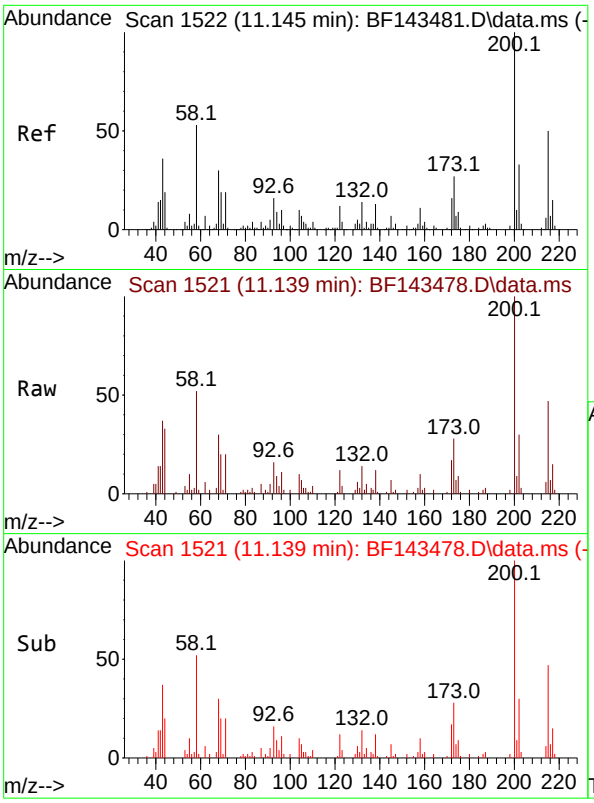


#68
Hexachlorobenzene
Concen: 5.178 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:284 Resp: 31905

Ion	Ratio	Lower	Upper
284	100		
142	30.6	24.4	36.6
249	30.7	25.0	37.6



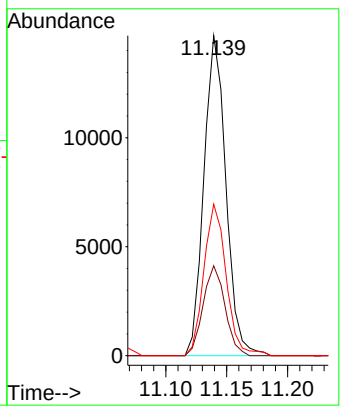


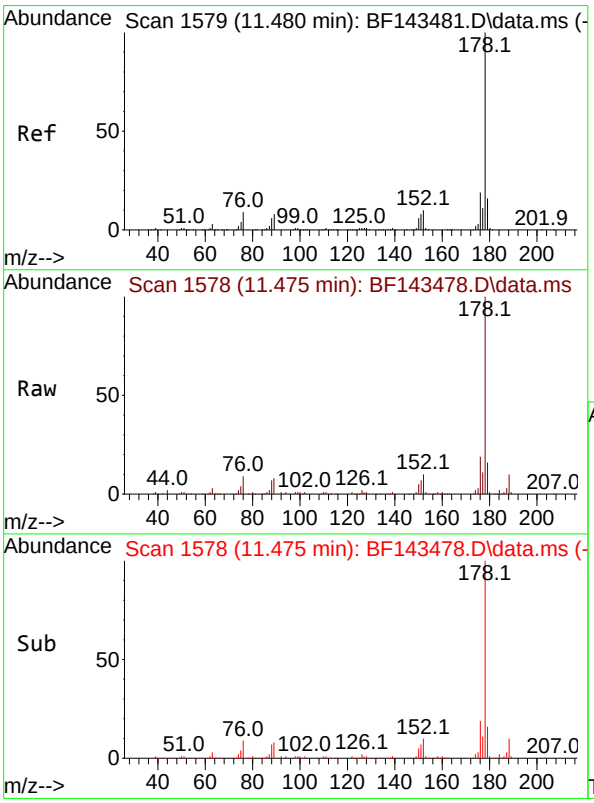
#69
Atrazine
Concen: 4.637 ng
RT: 11.139 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:200 Resp: 18453

Ion	Ratio	Lower	Upper
200	100		
173	28.1	6.9	46.9
215	47.4	30.0	70.0

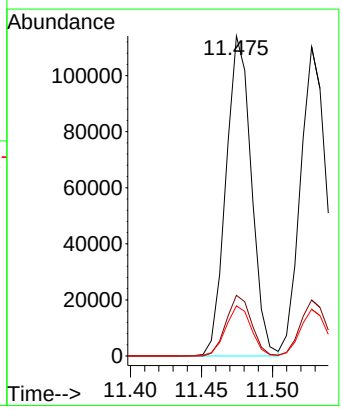


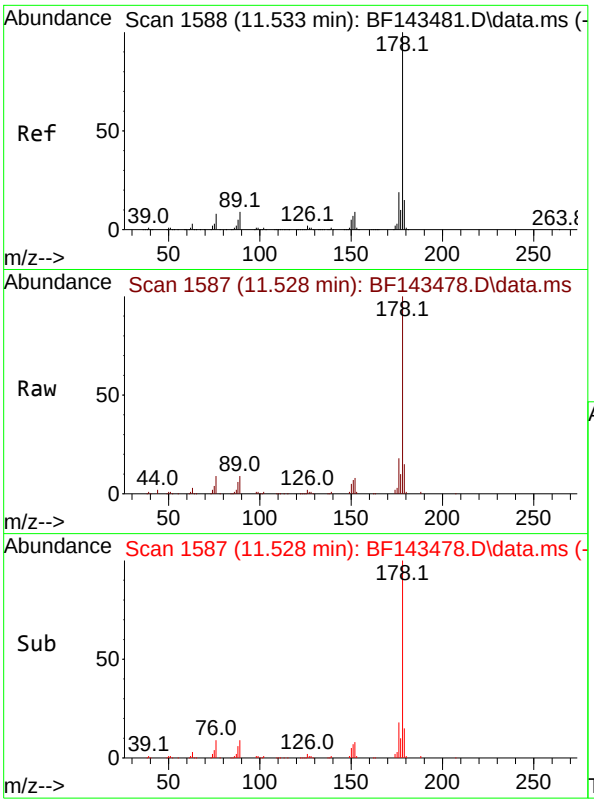


#71
Phenanthrene
Concen: 5.548 ng
RT: 11.475 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:178 Resp: 142334

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.7	12.5	18.7



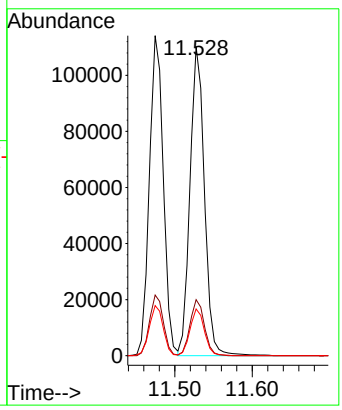


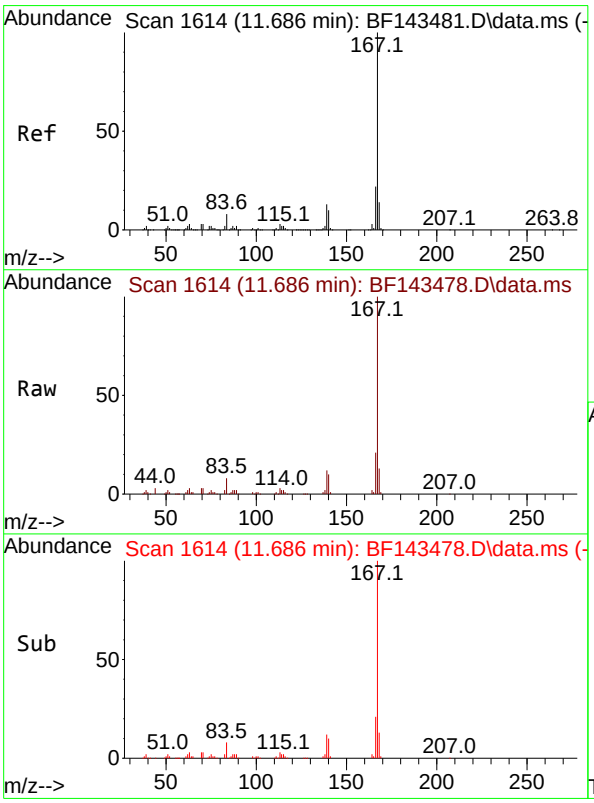
#72
Anthracene
Concen: 5.490 ng
RT: 11.528 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 142673

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.0	22.4
179	15.1	12.3	18.5

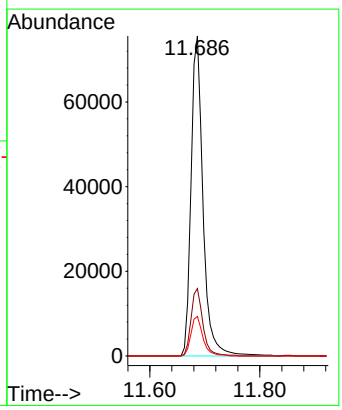


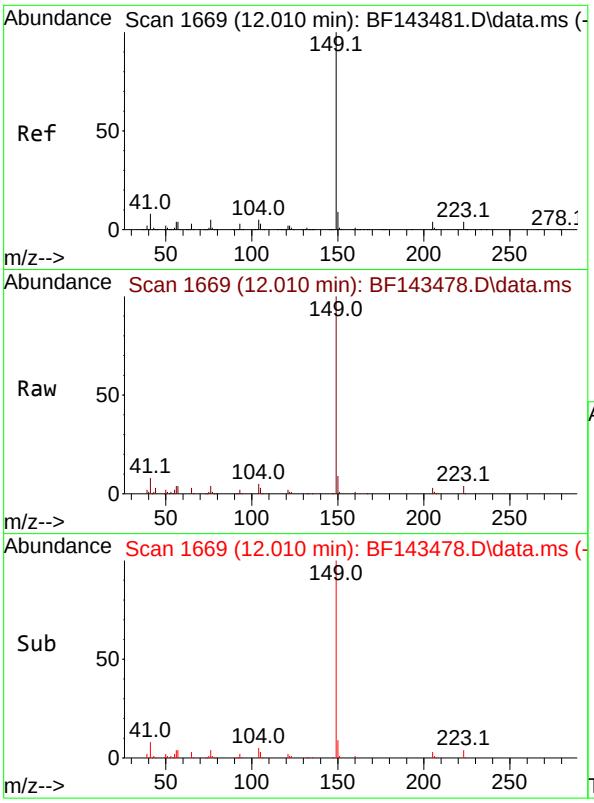


#73
Carbazole
Concen: 5.339 ng
RT: 11.686 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:167 Resp: 113696

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.3	25.9
139	12.3	10.0	15.0



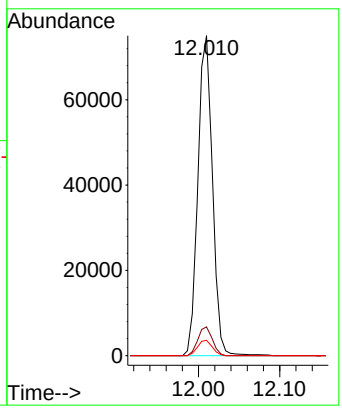


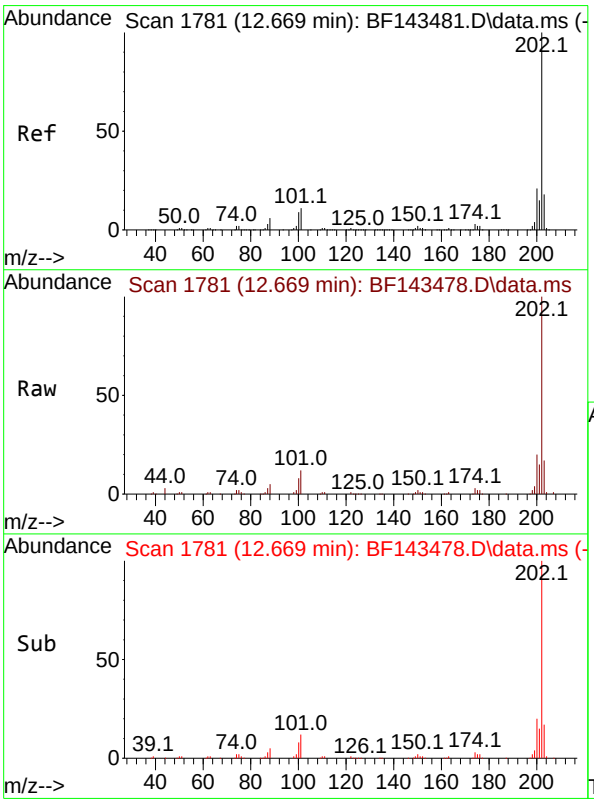
#74
Di-n-butylphthalate
Concen: 4.712 ng
RT: 12.010 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 93617

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.2	10.8
104	4.8	3.6	5.4

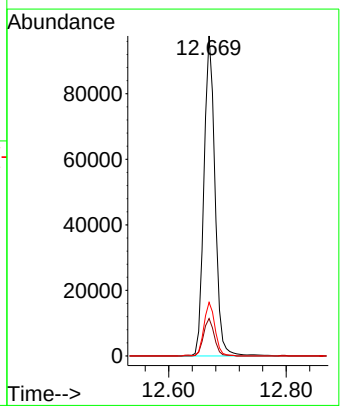


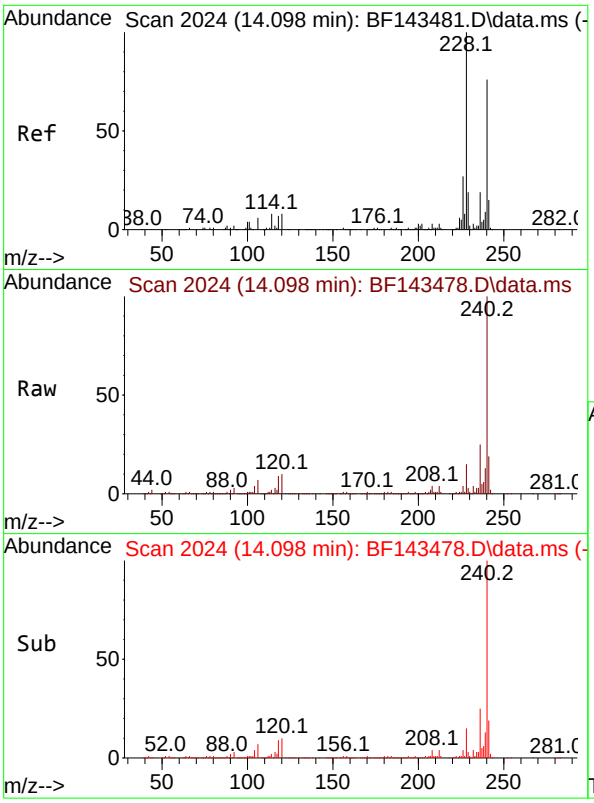


#75
Fluoranthene
Concen: 5.518 ng
RT: 12.669 min Scan# 1781
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:202 Resp: 127015

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.3
203	16.7	0.0	37.9



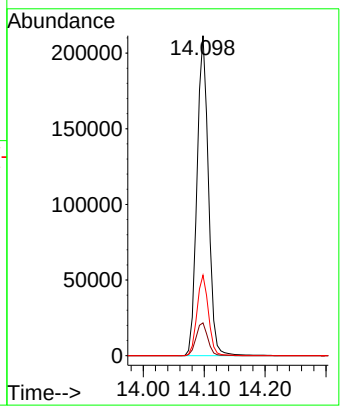


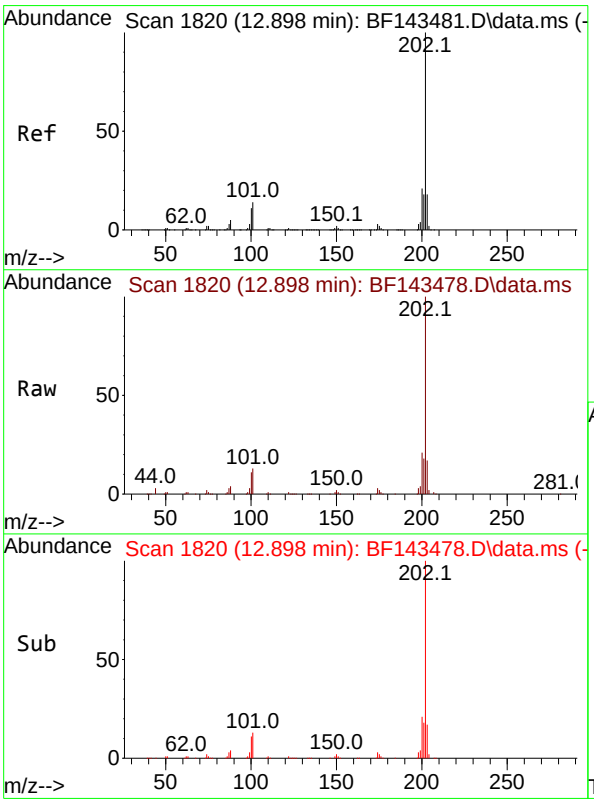
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 275807

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.6	12.8
236	25.1	20.4	30.6

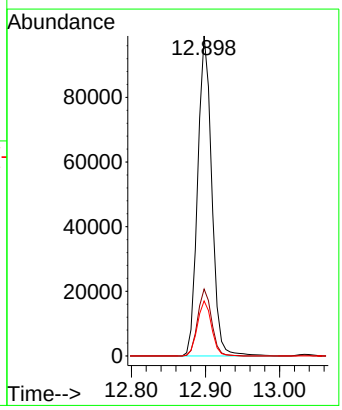


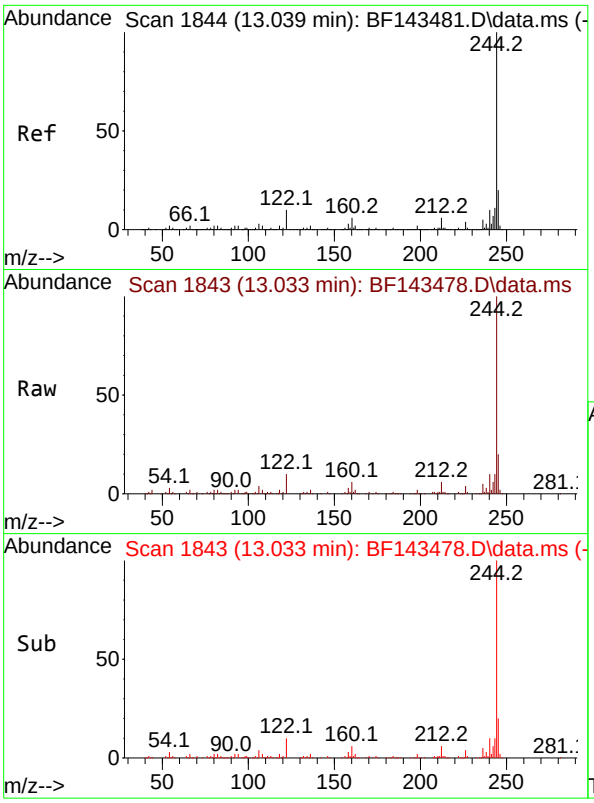


#78
Pyrene
Concen: 5.748 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:202 Resp: 130407

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.4
203	17.2	14.3	21.5



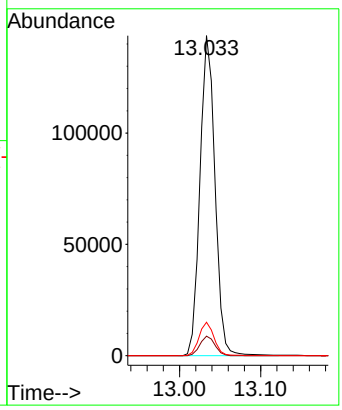


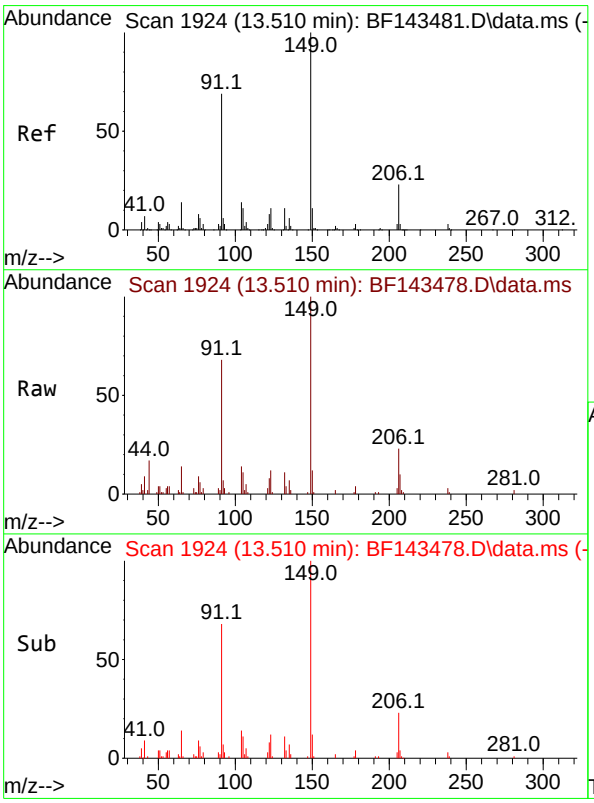
#79
Terphenyl-d14
Concen: 11.698 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 184897

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.2	7.8
122	10.4	7.9	11.9

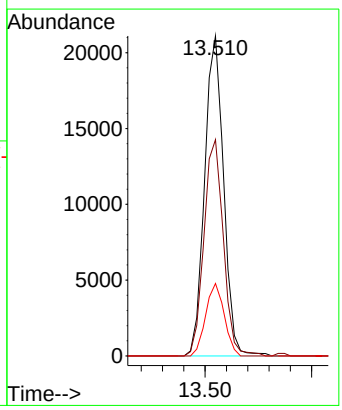


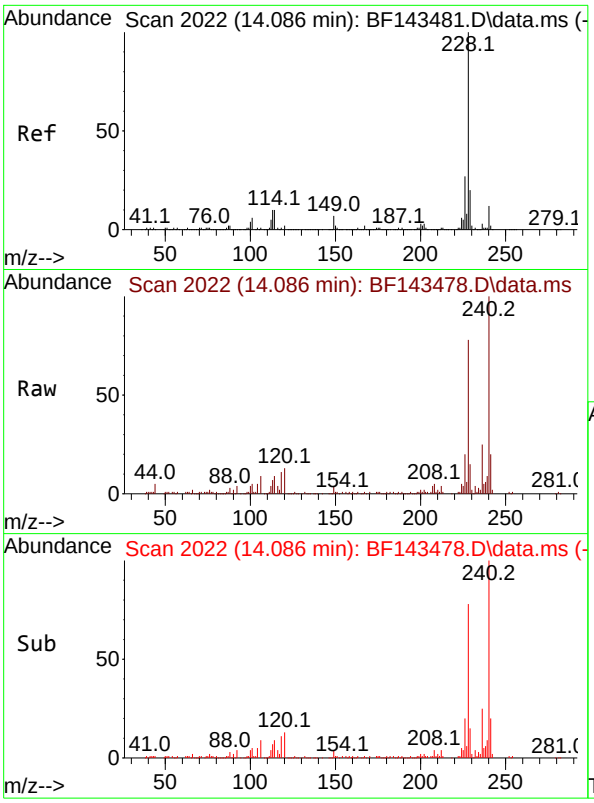


#80
Butylbenzylphthalate
Concen: 4.223 ng
RT: 13.510 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:149 Resp: 26173

Ion	Ratio	Lower	Upper
149	100		
91	67.6	55.3	82.9
206	22.6	18.2	27.4



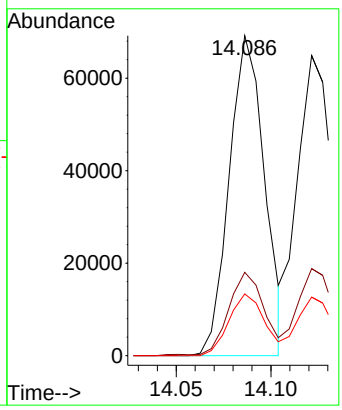


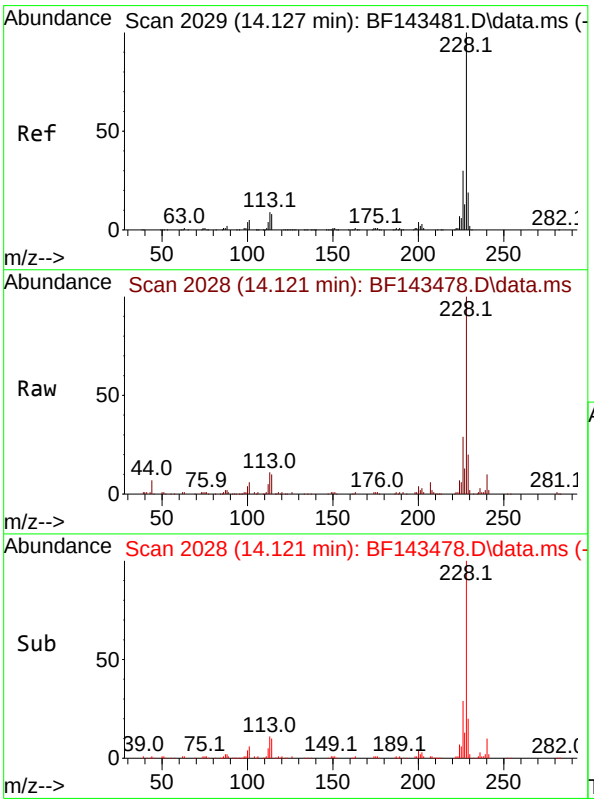
#81
Benzo(a)anthracene
Concen: 5.055 ng
RT: 14.086 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 89757

Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.7	32.5
229	19.3	15.7	23.5

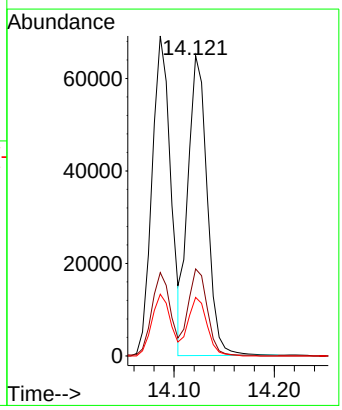


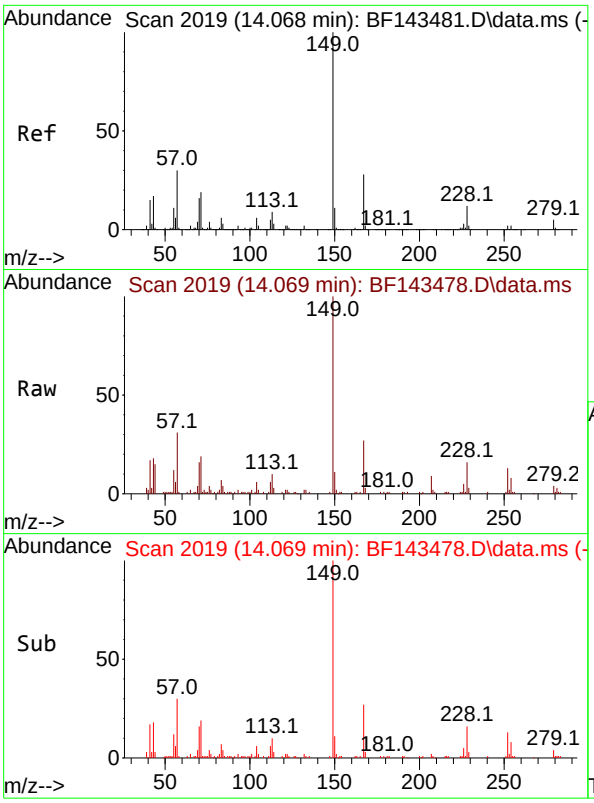


#83
Chrysene
Concen: 5.408 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:228 Resp: 86291

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.7	35.5
229	19.5	15.7	23.5



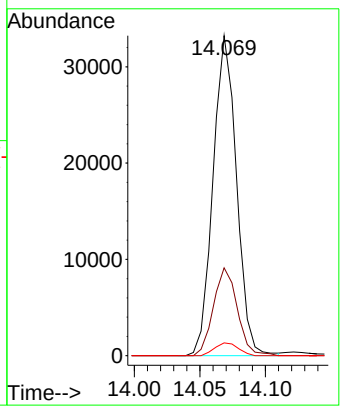


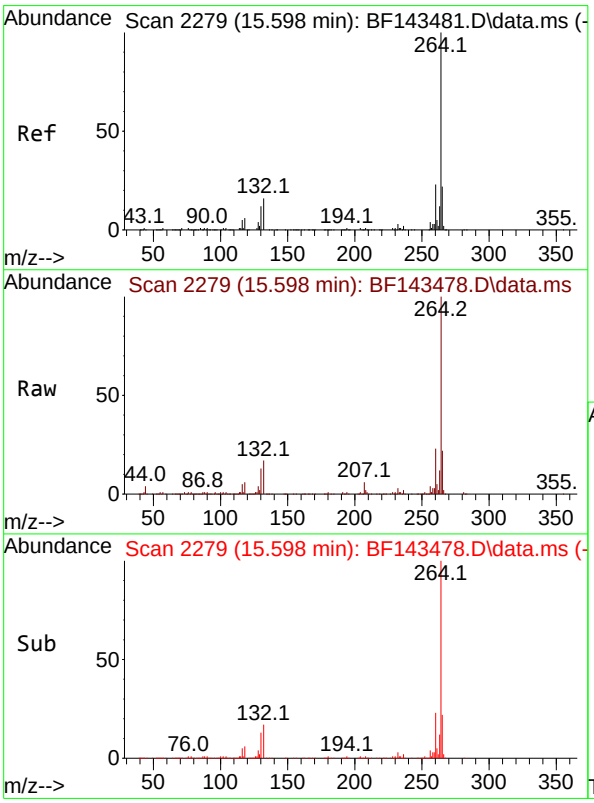
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.380 ng
RT: 14.069 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 41348

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.2	33.2
279	4.0	3.6	5.4

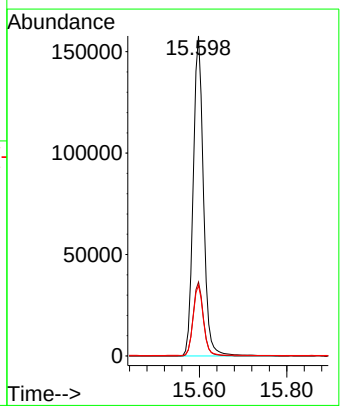


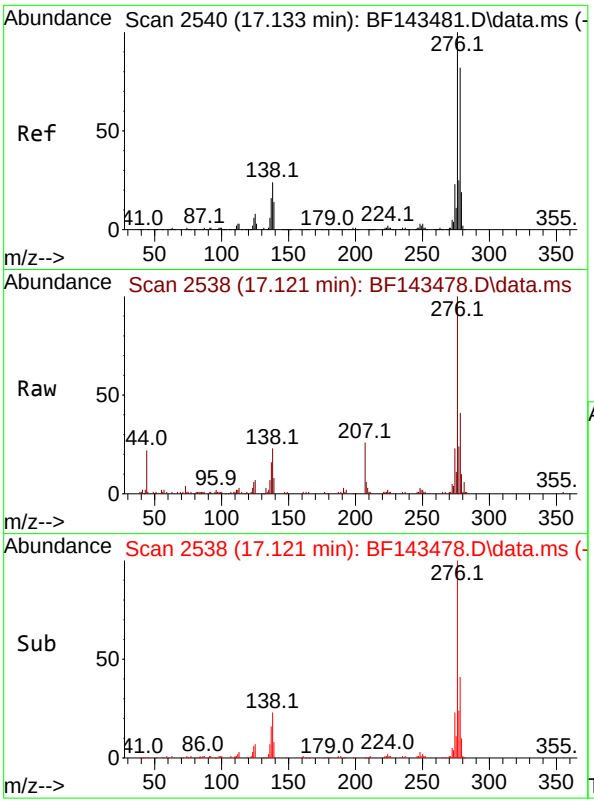


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:264 Resp: 257255

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	22.0	17.6	26.4



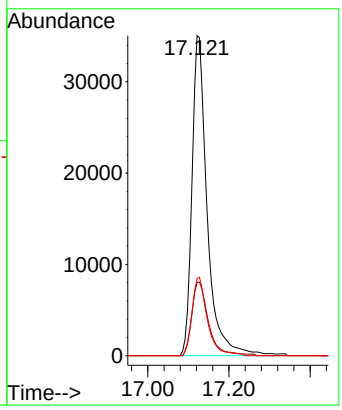


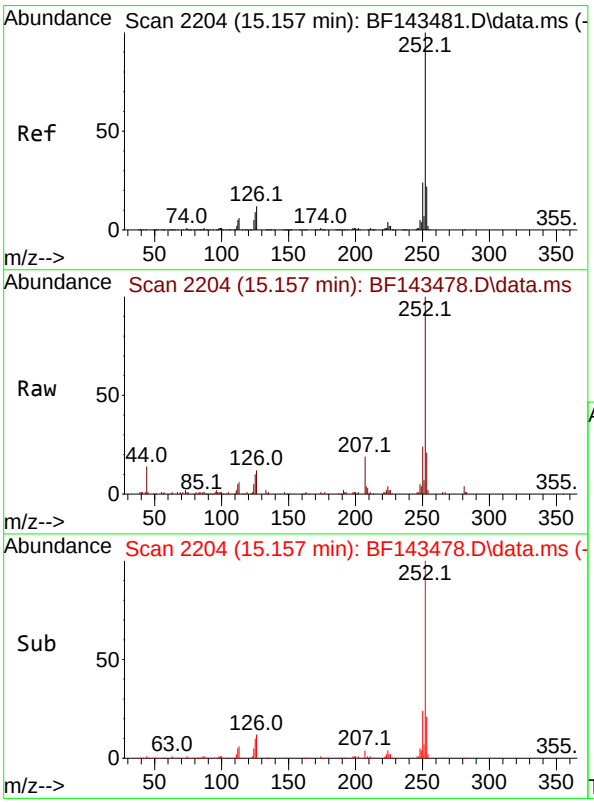
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.958 ng
RT: 17.121 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 91654

Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.2	28.8
277	24.6	20.3	30.5

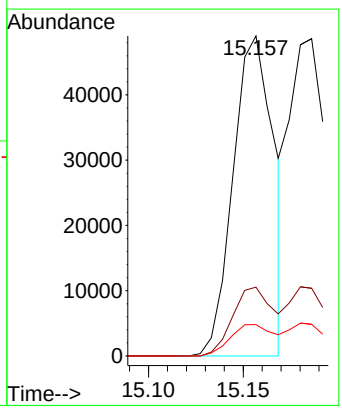


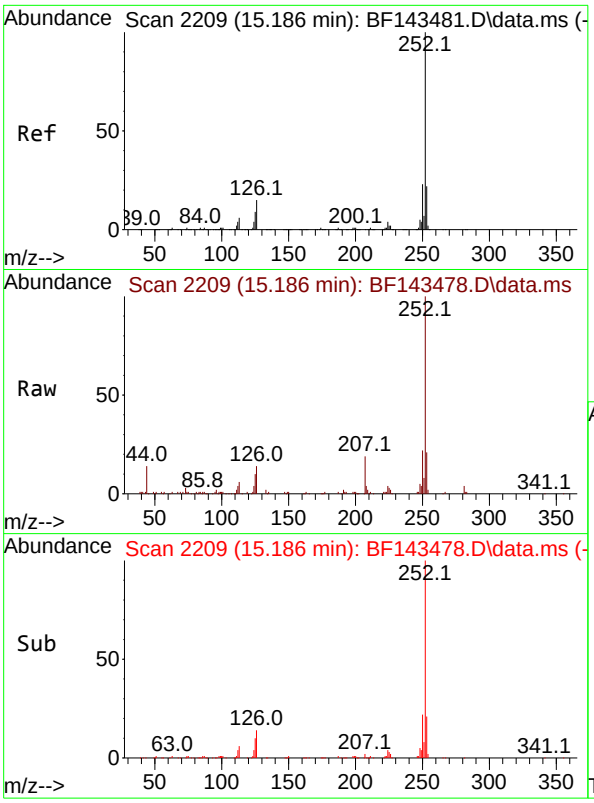


#88
Benzo(b)fluoranthene
Concen: 5.104 ng
RT: 15.157 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:252 Resp: 72988

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	9.8	7.4	11.0



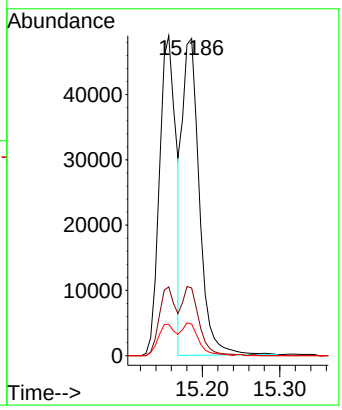


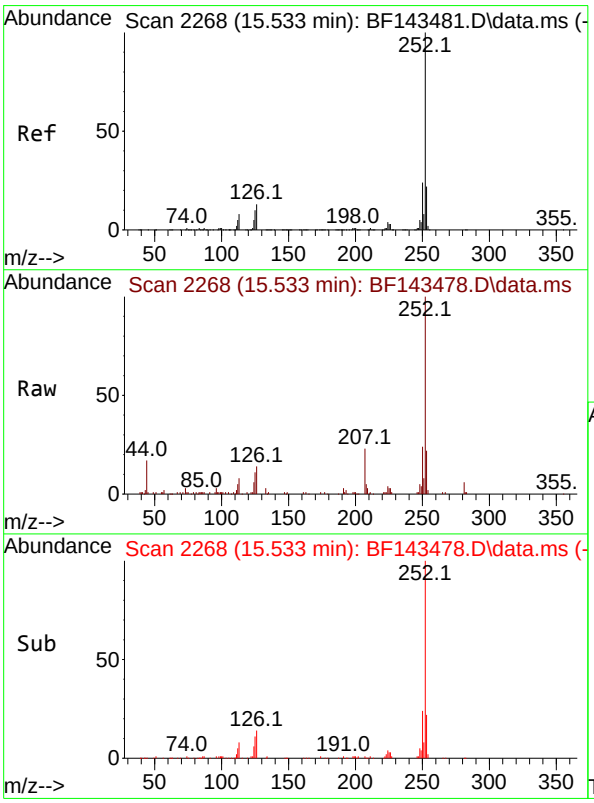
#89
Benzo(k)fluoranthene
Concen: 5.437 ng
RT: 15.186 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 74440

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	10.0	7.4	11.0

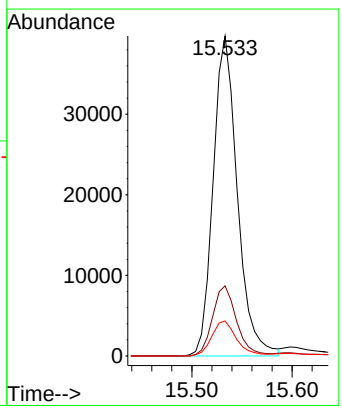


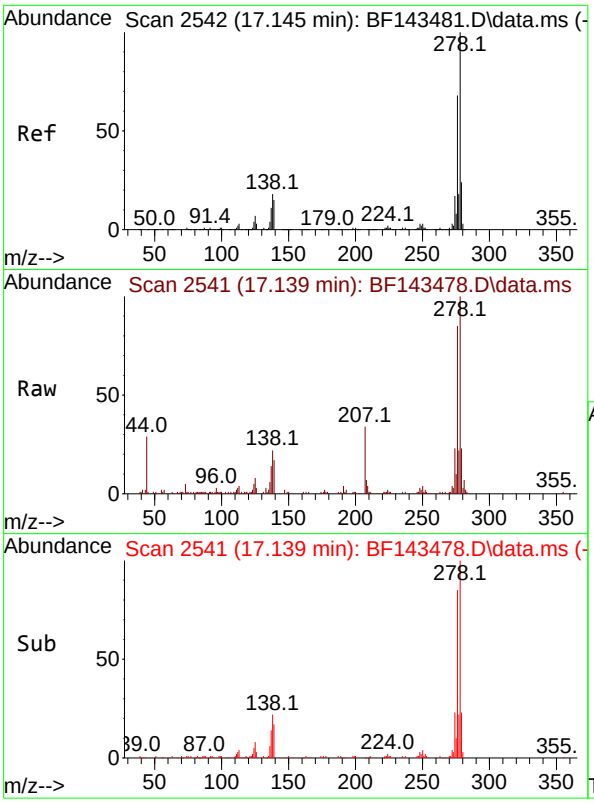


#90
Benzo(a)pyrene
Concen: 5.004 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:252 Resp: 66416

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	10.9	8.2	12.2



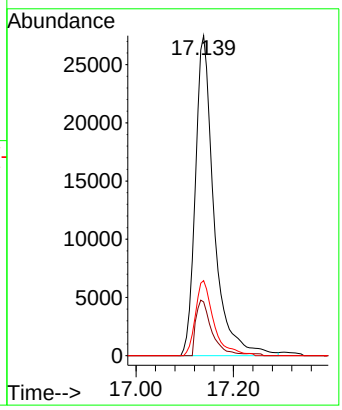


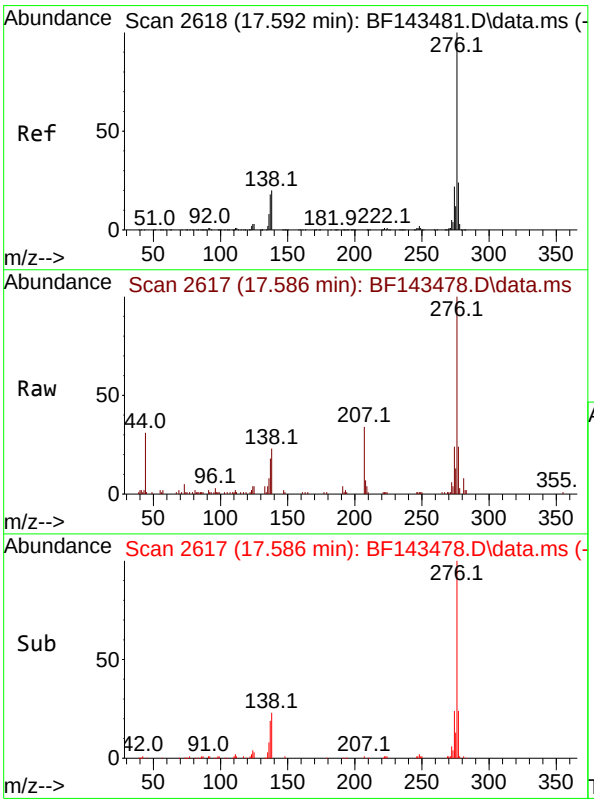
#91
Dibenzo(a,h)anthracene
Concen: 4.946 ng
RT: 17.139 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:278 Resp: 73229

Ion	Ratio	Lower	Upper
278	100		
139	16.8	12.1	18.1
279	23.4	19.2	28.8

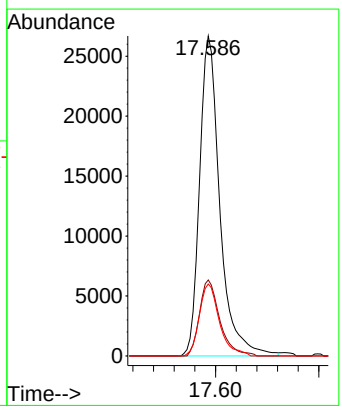




#92
Benzo(g,h,i)perylene
Concen: 4.928 ng
RT: 17.586 min Scan# 2617
Delta R.T. -0.018 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:276 Resp: 72556

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	22.5	16.3	24.5



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143479.D
Acq On : 20 Aug 2025 11:54
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Aug 20 16:20:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	138225	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	525191	20.000	ng		0.00
39) Acenaphthene-d10	9.963	164	291754	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	461672	20.000	ng		0.00
76) Chrysene-d12	14.098	240	274933	20.000	ng		0.00
86) Perylene-d12	15.598	264	265385	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	165533	20.911	ng		0.00
7) Phenol-d6	6.557	99	201752	20.646	ng		-0.02
23) Nitrobenzene-d5	7.481	82	181268	20.141	ng		-0.02
42) 2,4,6-Tribromophenol	10.751	330	54980	20.244	ng		-0.01
45) 2-Fluorobiphenyl	9.280	172	389874	22.085	ng		0.00
79) Terphenyl-d14	13.033	244	344924	21.893	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.746	88	36526	9.961	ng		99
3) Pyridine	3.540	79	96225	9.852	ng		99
4) n-Nitrosodimethylamine	3.451	42	41741	9.507	ng	#	97
6) Aniline	6.587	93	136107	10.420	ng		98
8) 2-Chlorophenol	6.716	128	88766	10.152	ng		98
9) Benzaldehyde	6.475	77	69636	8.802	ng		99
10) Phenol	6.569	94	117160	10.408	ng		82
11) bis(2-Chloroethyl)ether	6.651	93	84985	10.102	ng		97
12) 1,3-Dichlorobenzene	6.869	146	100273	10.207	ng		100
13) 1,4-Dichlorobenzene	6.945	146	102802	10.432	ng		97
14) 1,2-Dichlorobenzene	7.098	146	97628	10.464	ng		99
15) Benzyl Alcohol	7.063	79	71642	9.792	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.192	45	145437	10.806	ng		99
17) 2-Methylphenol	7.181	107	71996	10.260	ng		95
18) Hexachloroethane	7.439	117	34428	10.276	ng		98
19) n-Nitroso-di-n-propyla...	7.328	70	63026	10.552	ng		98
20) 3+4-Methylphenols	7.334	107	92430	11.034	ng		99
22) Acetophenone	7.328	105	121914	10.745	ng		97
24) Nitrobenzene	7.504	77	92261	9.960	ng		99
25) Isophorone	7.739	82	165391	10.025	ng		99
26) 2-Nitrophenol	7.822	139	43444	9.575	ng		98
27) 2,4-Dimethylphenol	7.857	122	71477	10.105	ng		99
28) bis(2-Chloroethoxy)met...	7.951	93	104720	10.329	ng		98
29) 2,4-Dichlorophenol	8.069	162	78518	10.394	ng		99
30) 1,2,4-Trichlorobenzene	8.151	180	78780	10.143	ng		100
31) Naphthalene	8.228	128	264837	10.503	ng		100
32) Benzoic acid	7.957	122	22608	10.817	ng		96
33) 4-Chloroaniline	8.281	127	90644	10.129	ng		98
34) Hexachlorobutadiene	8.351	225	52299	10.321	ng		99
35) Caprolactam	8.616	113	16494	9.099	ng		98
36) 4-Chloro-3-methylphenol	8.757	107	76657	10.126	ng		99
37) 2-Methylnaphthalene	8.922	142	179574	10.663	ng		99
38) 1-Methylnaphthalene	9.022	142	170845	10.606	ng		99
40) 1,2,4,5-Tetrachloroben...	9.092	216	85181	10.207	ng		99
41) Hexachlorocyclopentadiene	9.080	237	14243	10.484	ng		99
43) 2,4,6-Trichlorophenol	9.204	196	50602	9.854	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143479.D
Acq On : 20 Aug 2025 11:54
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Aug 20 16:20:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.245	196	54832	9.775	ng		97
46)	1,1'-Biphenyl	9.380	154	219538	10.602	ng		98
47)	2-Chloronaphthalene	9.410	162	169967	10.461	ng		99
48)	2-Nitroaniline	9.504	65	45630	9.596	ng		97
49)	Acenaphthylene	9.827	152	242638	10.429	ng		99
50)	Dimethylphthalate	9.675	163	177820	10.120	ng		99
51)	2,6-Dinitrotoluene	9.739	165	34570	9.493	ng		98
52)	Acenaphthene	9.998	154	164918	10.441	ng		100
53)	3-Nitroaniline	9.910	138	37475	9.523	ng		97
54)	2,4-Dinitrophenol	10.027	184	10431	10.295	ng		87
55)	Dibenzofuran	10.169	168	237099	10.528	ng		99
56)	4-Nitrophenol	10.092	139	16733	7.146	ng		98
57)	2,4-Dinitrotoluene	10.145	165	46361	9.534	ng		96
58)	Fluorene	10.510	166	187535	10.820	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.292	232	38561	9.253	ng	#	98
60)	Diethylphthalate	10.375	149	160006	10.156	ng		99
61)	4-Chlorophenyl-phenyle...	10.504	204	90965	10.494	ng		97
62)	4-Nitroaniline	10.522	138	34518	9.550	ng		98
63)	Azobenzene	10.663	77	168373	10.307	ng		99
65)	4,6-Dinitro-2-methylph...	10.557	198	19659	7.552	ng		95
66)	n-Nitrosodiphenylamine	10.616	169	152607	10.271	ng		98
67)	4-Bromophenyl-phenylether	10.992	248	55324	10.043	ng		98
68)	Hexachlorobenzene	11.069	284	60577	10.202	ng		98
69)	Atrazine	11.139	200	36074	9.406	ng		98
70)	Pentachlorophenol	11.269	266	20373	7.492	ng		98
71)	Phenanthrene	11.474	178	259254	10.486	ng		99
72)	Anthracene	11.527	178	263998	10.541	ng		99
73)	Carbazole	11.680	167	213439	10.400	ng		99
74)	Di-n-butylphthalate	12.010	149	184596	9.642	ng		99
75)	Fluoranthene	12.668	202	235543	10.618	ng		99
77)	Benzidine	12.786	184	84040	12.549	ng		99
78)	Pyrene	12.898	202	243049	10.747	ng		98
80)	Butylbenzylphthalate	13.510	149	55227	8.939	ng		97
81)	Benzo(a)anthracene	14.086	228	175192	9.898	ng		99
82)	3,3'-Dichlorobenzidine	14.045	252	48491	9.566	ng		97
83)	Chrysene	14.121	228	164205	10.323	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.068	149	86065	9.146	ng		99
85)	Di-n-octyl phthalate	14.680	149	155239	8.906	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.121	276	190133	9.970	ng		99
88)	Benzo(b)fluoranthene	15.151	252	152145	10.314	ng		99
89)	Benzo(k)fluoranthene	15.180	252	134513	9.524	ng		99
90)	Benzo(a)pyrene	15.533	252	135536	9.898	ng		100
91)	Dibenzo(a,h)anthracene	17.133	278	154454	10.113	ng		99
92)	Benzo(g,h,i)perylene	17.580	276	149813	9.865	ng		99

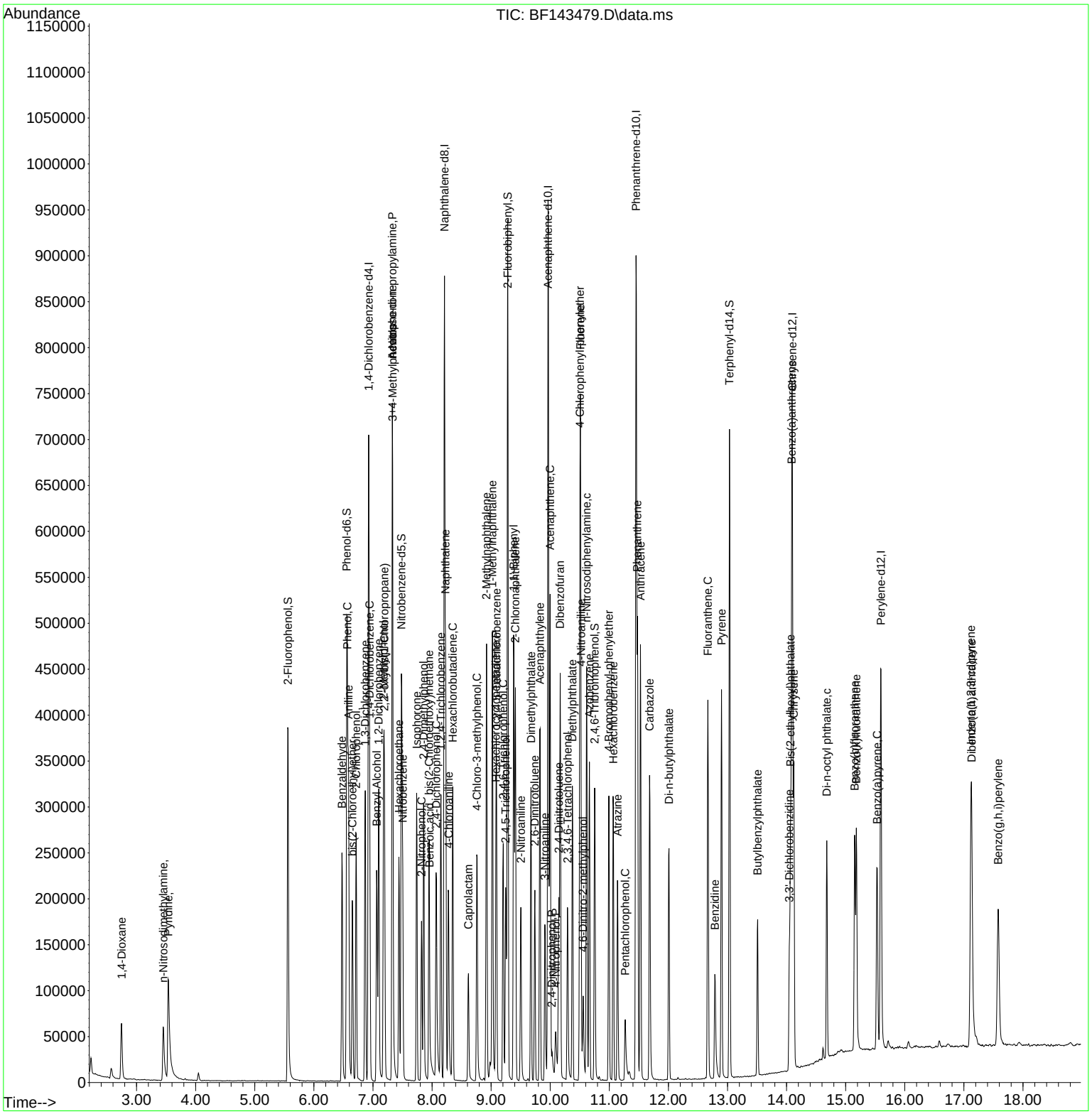
(#) = qualifier out of range (m) = manual integration (+) = signals summed

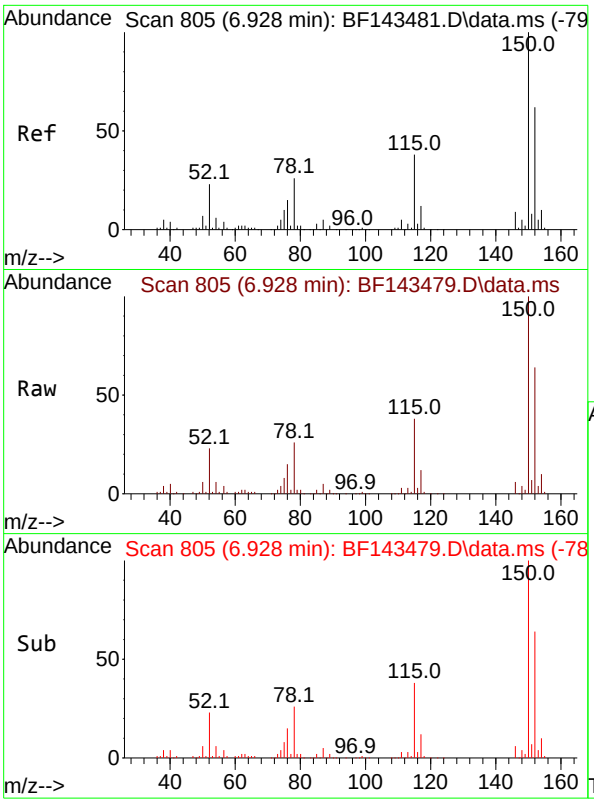
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143479.D
Acq On : 20 Aug 2025 11:54
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Aug 20 16:20:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration



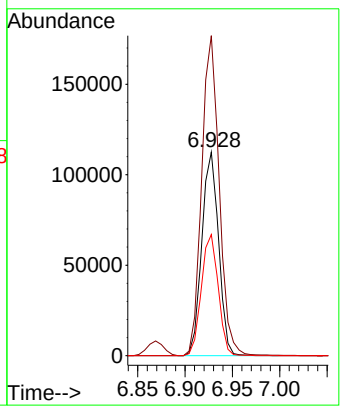


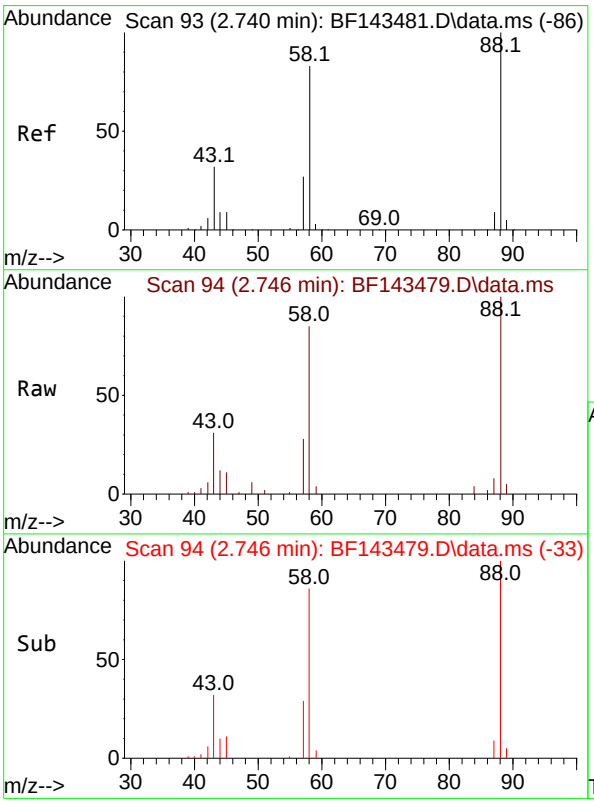
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 138225

Ion	Ratio	Lower	Upper
152	100		
150	157.2	128.9	193.3
115	59.5	49.2	73.8

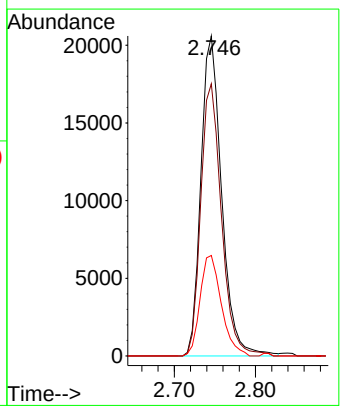


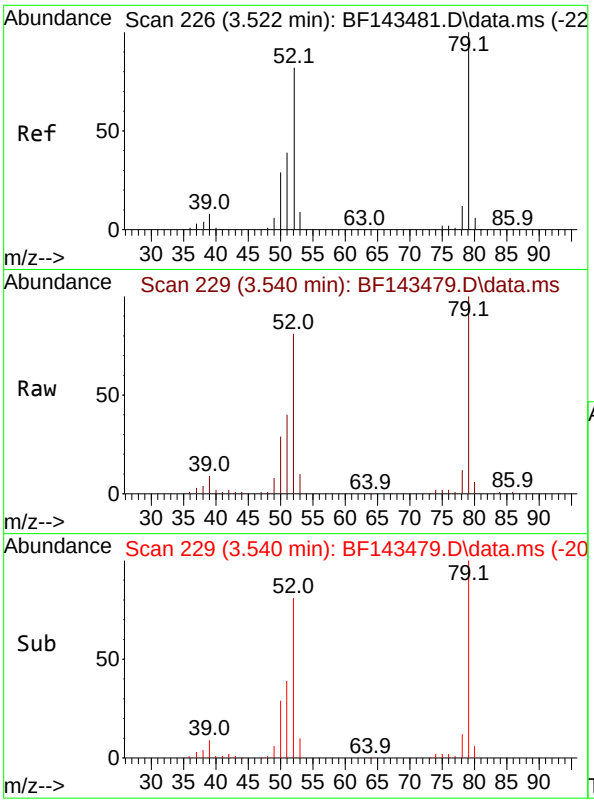


#2
1,4-Dioxane
Concen: 9.961 ng
RT: 2.746 min Scan# 94
Delta R.T. 0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion: 88 Resp: 36526

Ion	Ratio	Lower	Upper
88	100		
58	84.9	66.7	100.1
43	32.3	25.8	38.8



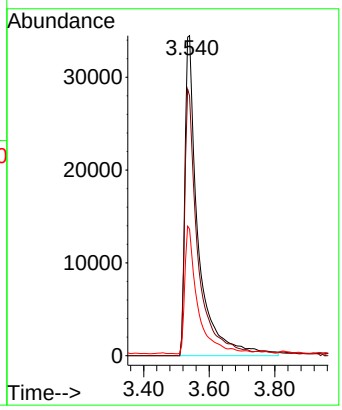


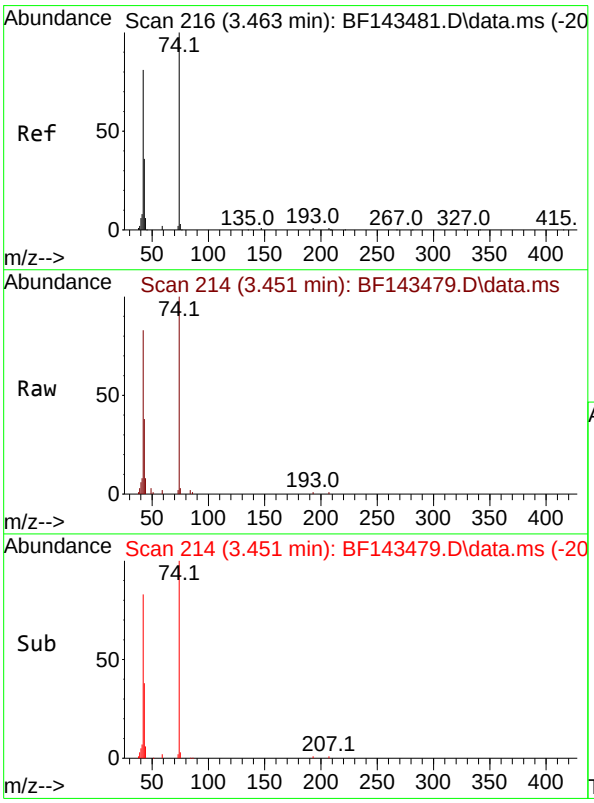
#3
Pyridine
Concen: 9.852 ng
RT: 3.540 min Scan# 2
Delta R.T. 0.023 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 96225

Ion	Ratio	Lower	Upper
79	100		
52	81.2	65.6	98.4
51	39.6	31.2	46.8

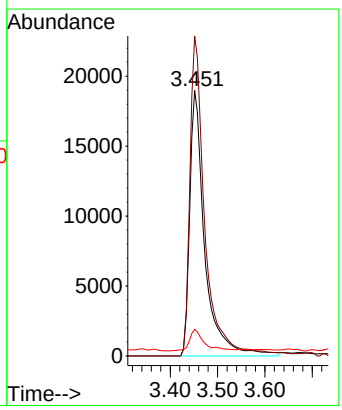


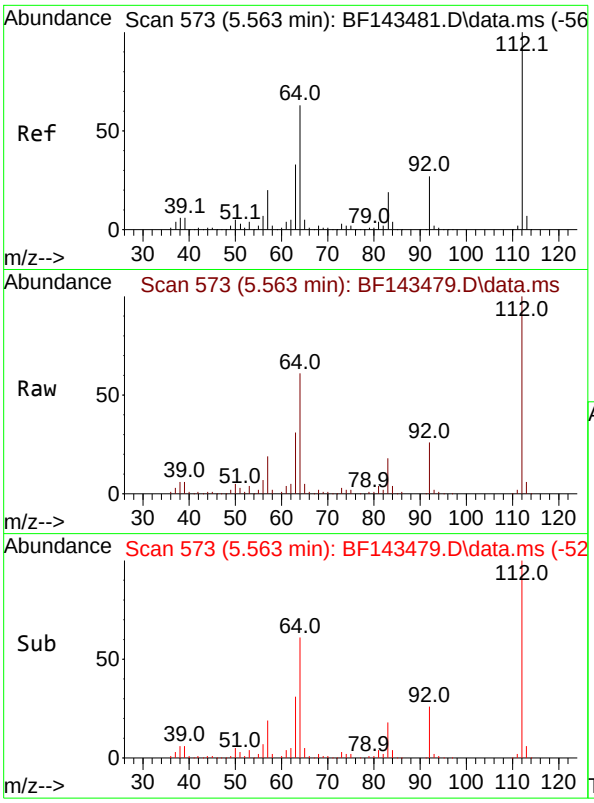


#4
n-Nitrosodimethylamine
Concen: 9.507 ng
RT: 3.451 min Scan# 214
Delta R.T. -0.024 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion: 42 Resp: 41741

Ion	Ratio	Lower	Upper
42	100		
74	120.6	98.6	148.0
44	10.0	5.8	8.8#



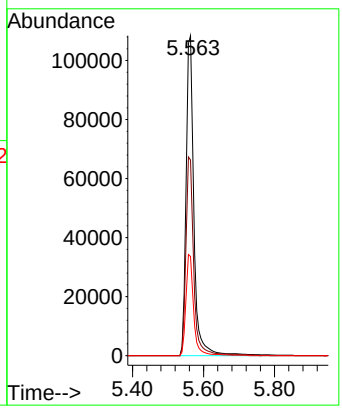


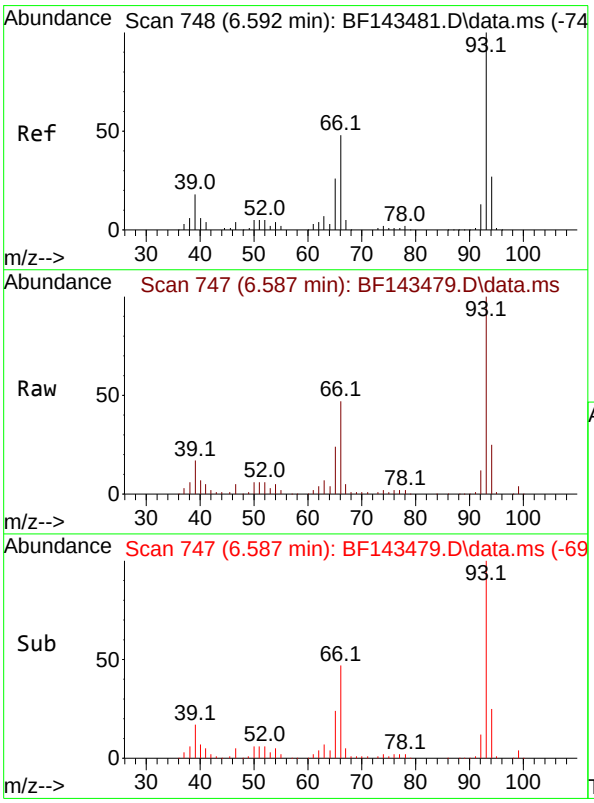
#5
2-Fluorophenol
Concen: 20.911 ng
RT: 5.563 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 165533

Ion	Ratio	Lower	Upper
112	100		
64	61.1	50.4	75.6
63	31.0	26.4	39.6

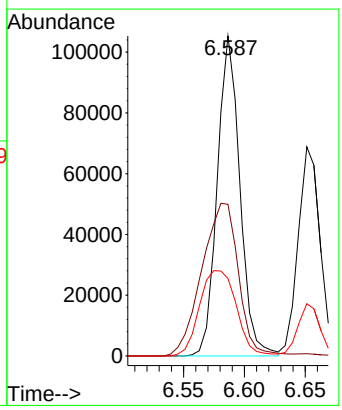


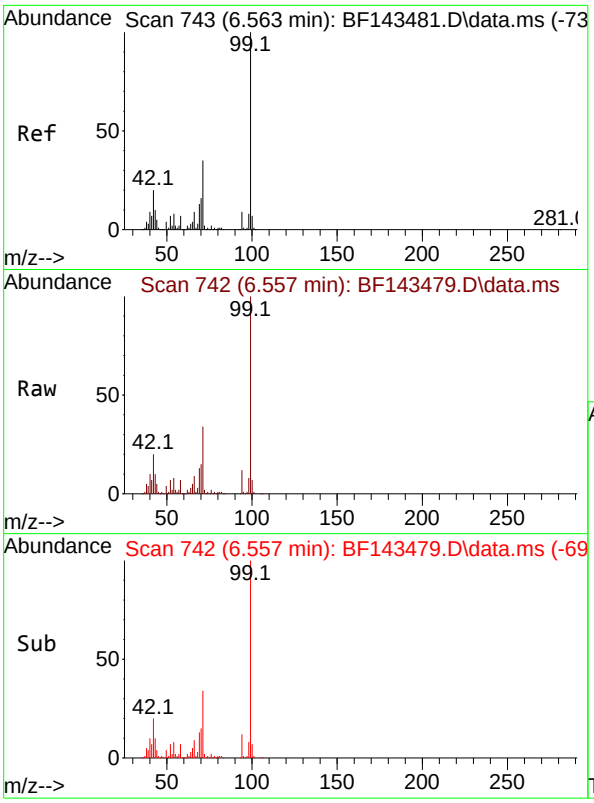


#6
Aniline
Concen: 10.420 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion: 93 Resp: 136107

Ion	Ratio	Lower	Upper
93	100		
66	47.4	38.9	58.3
65	24.2	20.6	30.8



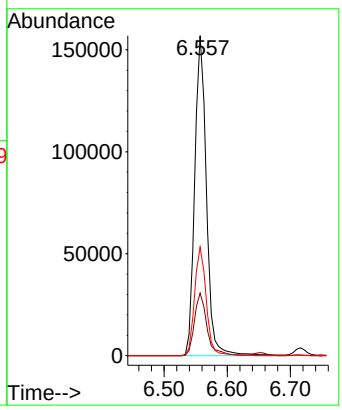


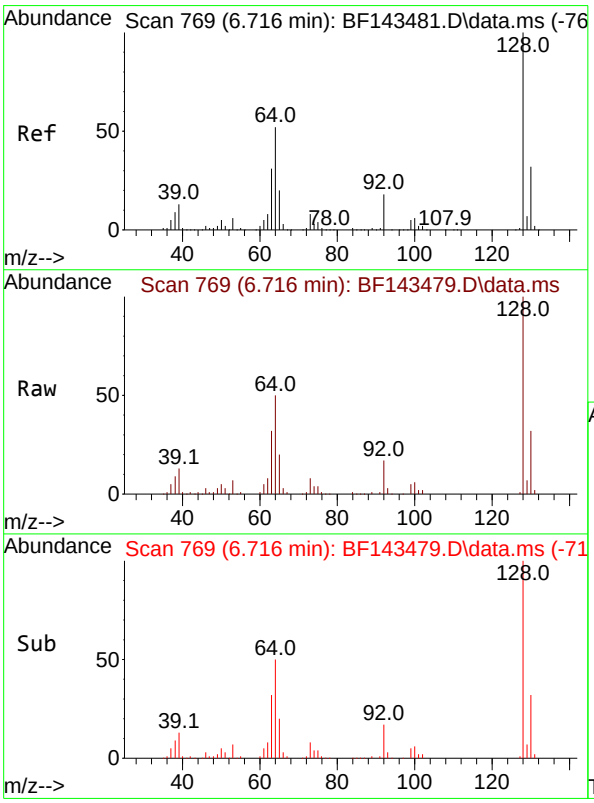
#7
Phenol-d6
Concen: 20.646 ng
RT: 6.557 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 201752

Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.3	24.5
71	33.9	28.2	42.2

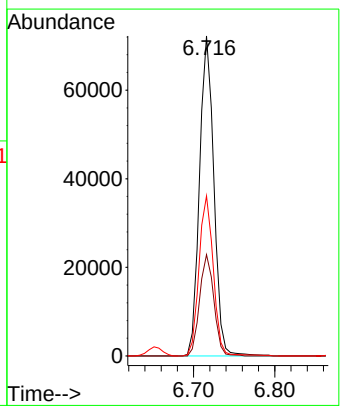


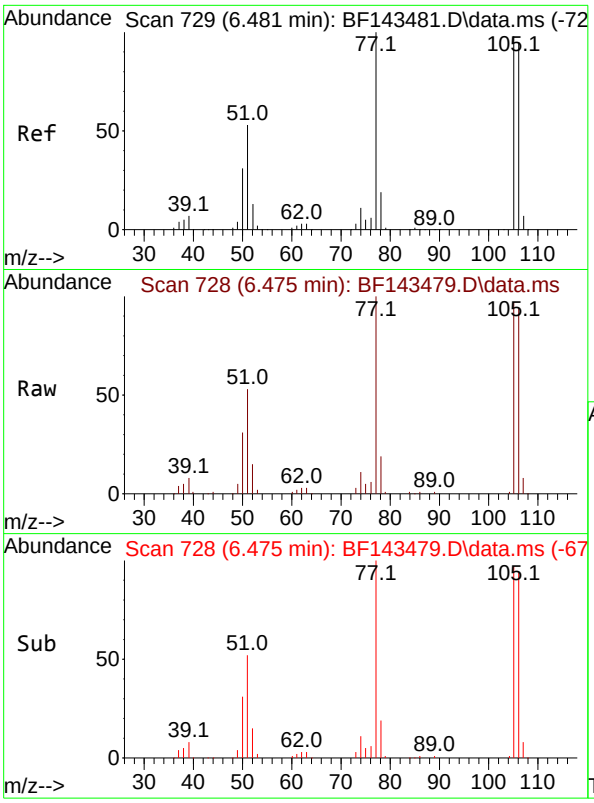


#8
2-Chlorophenol
Concen: 10.152 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:128 Resp: 88766

Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.4	52.4
64	50.0	31.6	71.6



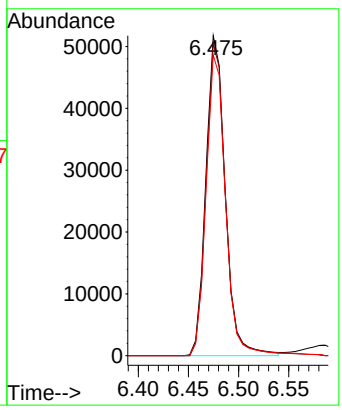


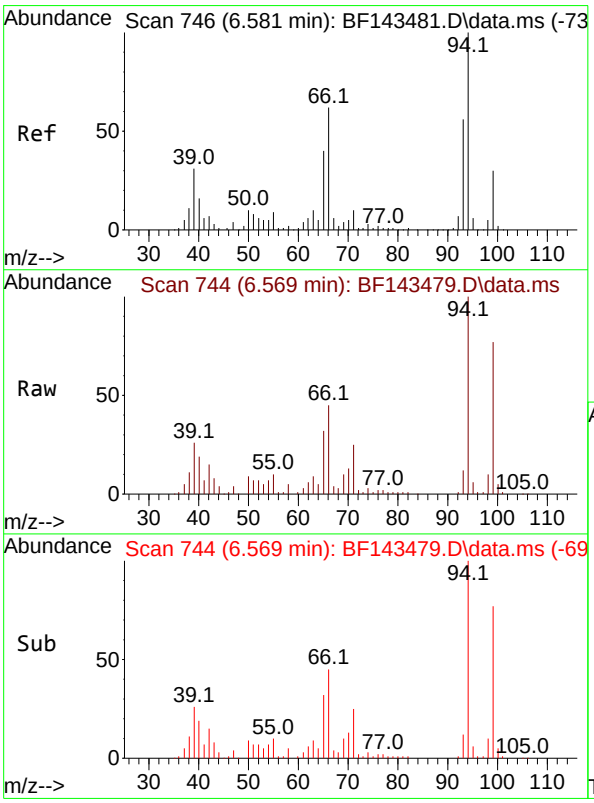
#9
Benzaldehyde
Concen: 8.802 ng
RT: 6.475 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 69636

Ion	Ratio	Lower	Upper
77	100		
105	97.5	78.1	118.1
106	94.0	74.9	114.9

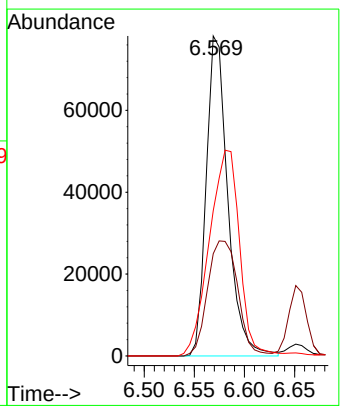


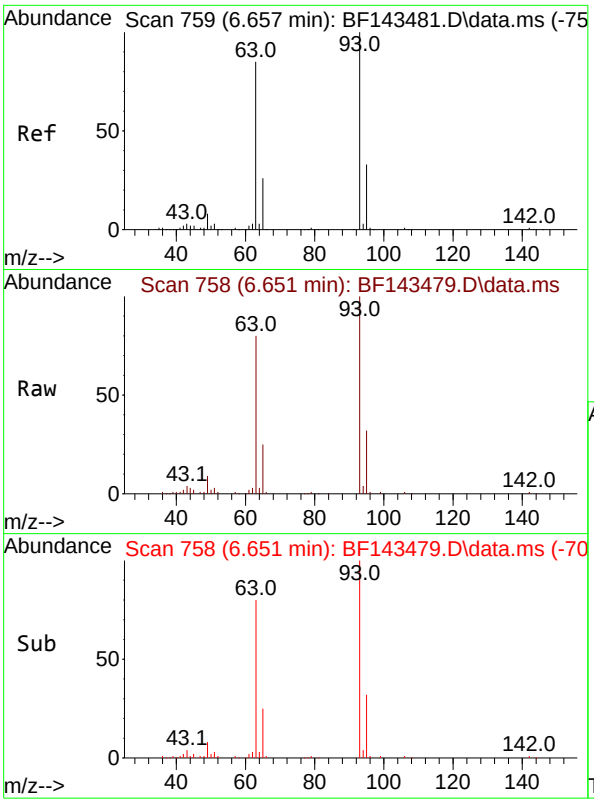


#10
Phenol
Concen: 10.408 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion: 94 Resp: 117160

Ion	Ratio	Lower	Upper
94	100		
65	32.0	19.5	59.5
66	45.4	42.5	82.5



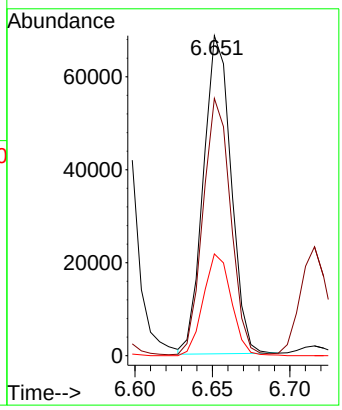


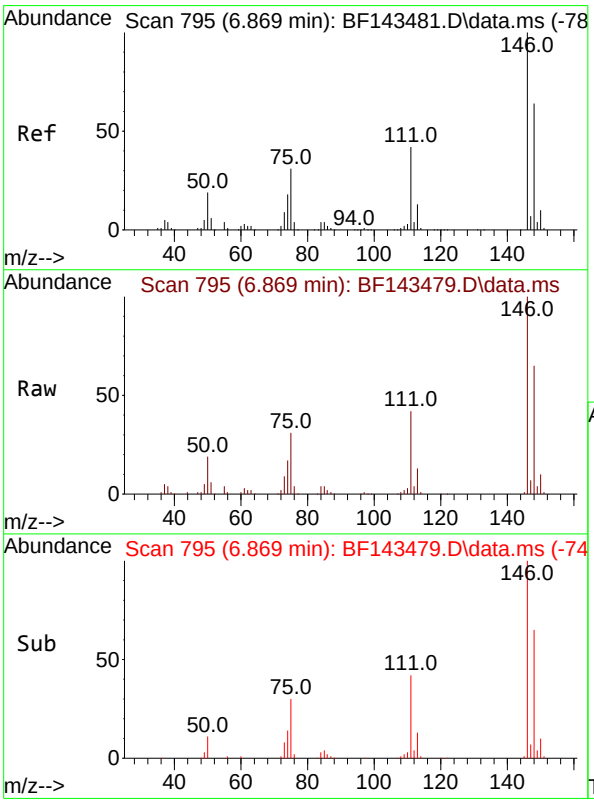
#11
bis(2-Chloroethyl)ether
Concen: 10.102 ng
RT: 6.651 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 84985

Ion	Ratio	Lower	Upper
93	100		
63	80.4	63.6	103.6
95	31.8	12.8	52.8

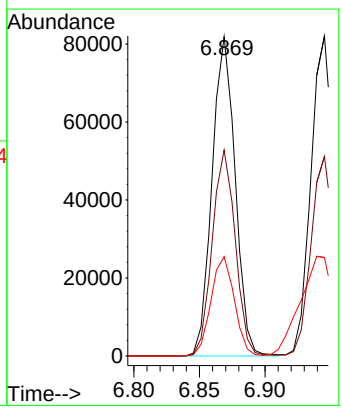


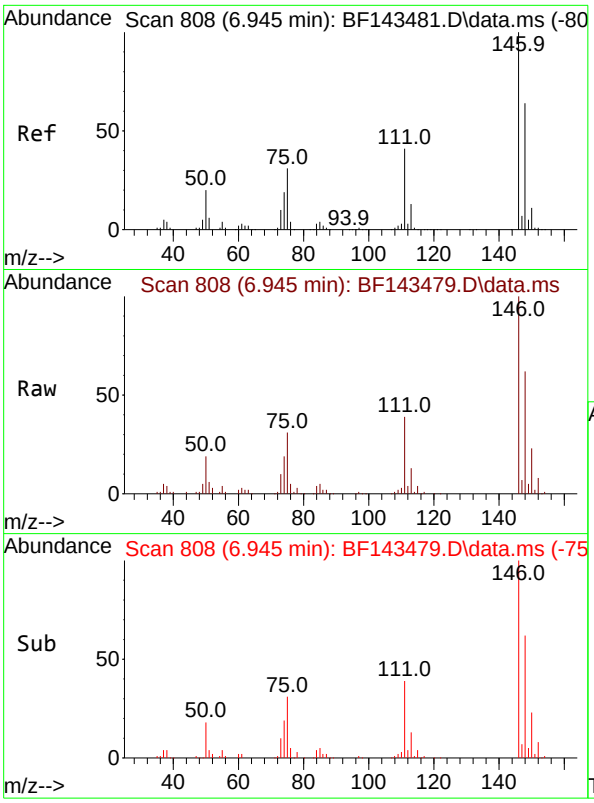


#12
1,3-Dichlorobenzene
Concen: 10.207 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:146 Resp: 100273

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.3	76.9
75	31.1	24.7	37.1



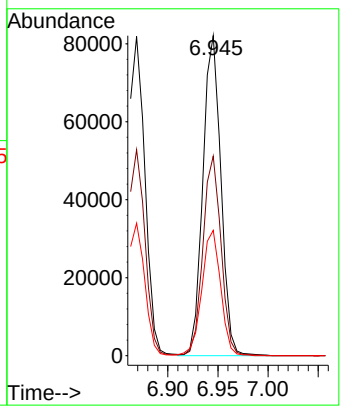


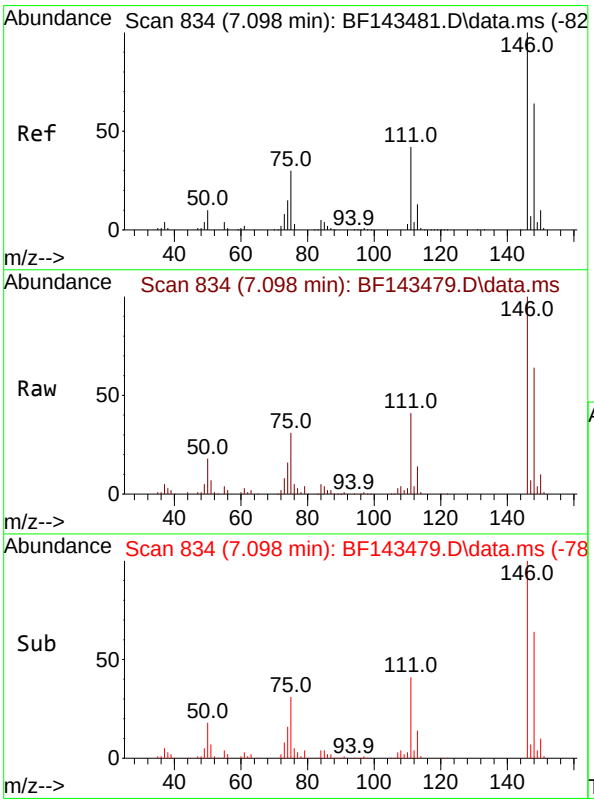
#13
1,4-Dichlorobenzene
Concen: 10.432 ng
RT: 6.945 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 102802

Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.5	77.3
111	39.1	32.6	49.0

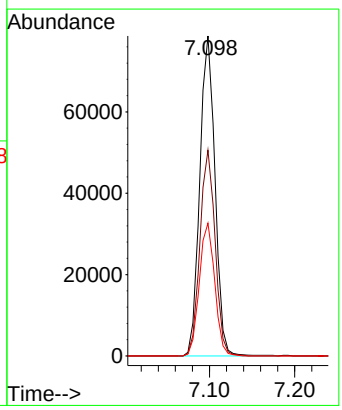


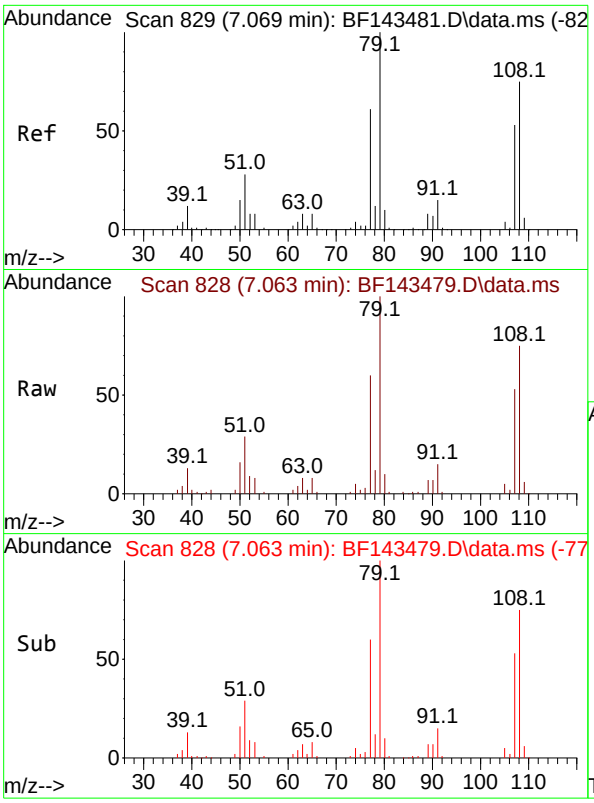


#14
1,2-Dichlorobenzene
Concen: 10.464 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:146 Resp: 97628

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.0	76.6
111	41.5	34.0	51.0



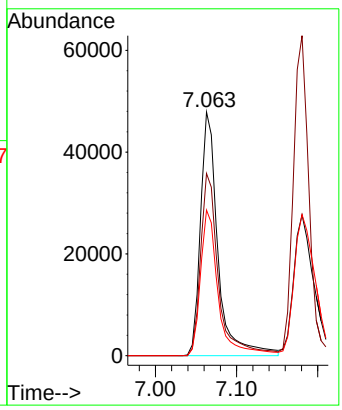


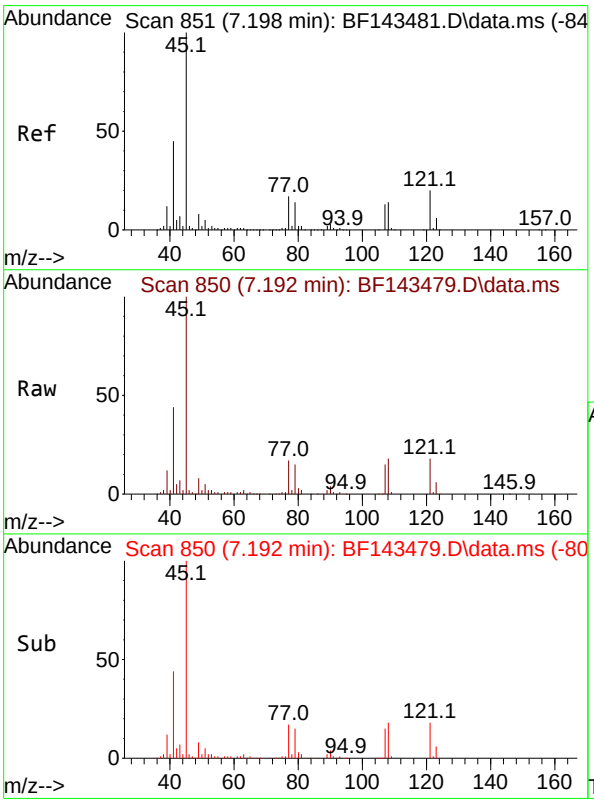
#15
Benzyl Alcohol
Concen: 9.792 ng
RT: 7.063 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 71642

Ion	Ratio	Lower	Upper
79	100		
108	74.8	59.8	89.6
77	59.8	49.0	73.4

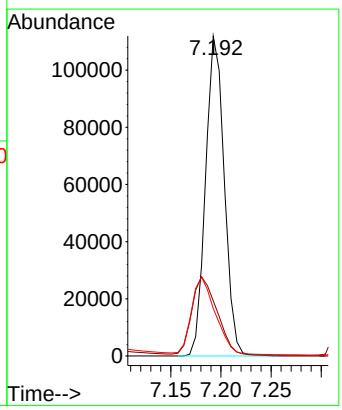


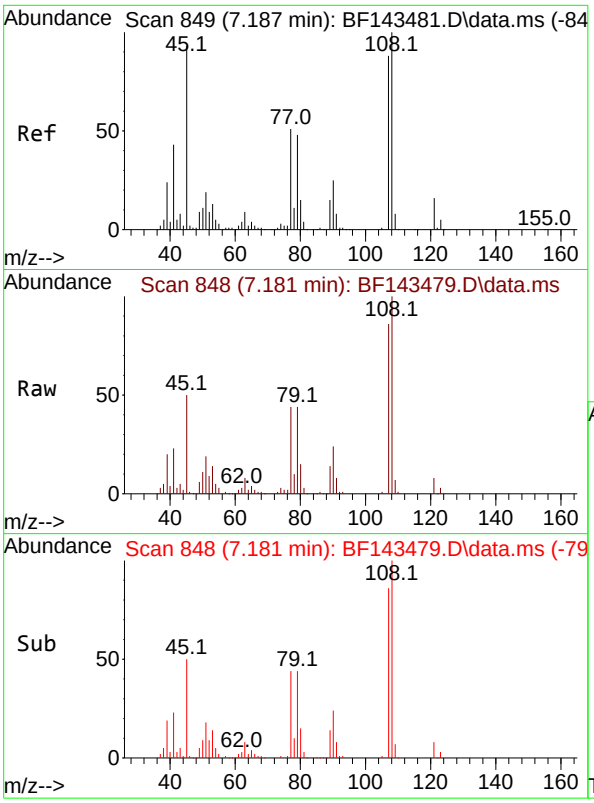


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.806 ng
RT: 7.192 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion: 45 Resp: 145437

Ion	Ratio	Lower	Upper
45	100		
77	17.2	0.0	37.9
79	14.9	0.0	34.7



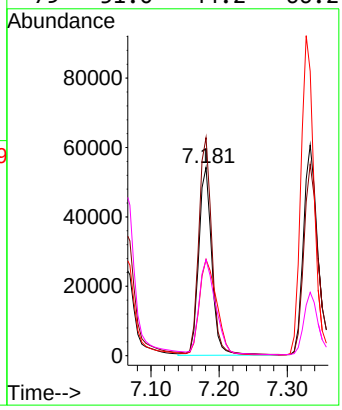


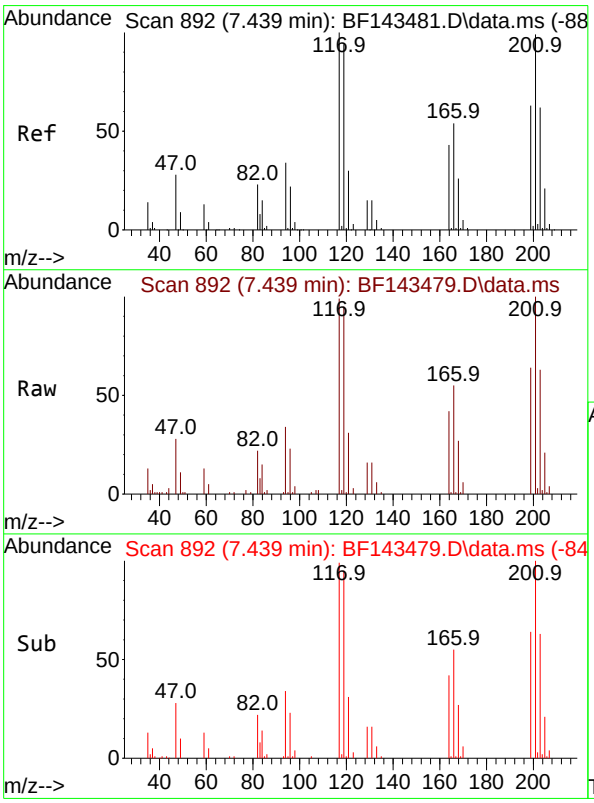
#17
2-Methylphenol
Concen: 10.260 ng
RT: 7.181 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 71996

Ion	Ratio	Lower	Upper
107	100		
108	115.9	91.1	136.7
77	51.1	46.2	69.4
79	51.0	44.2	66.2

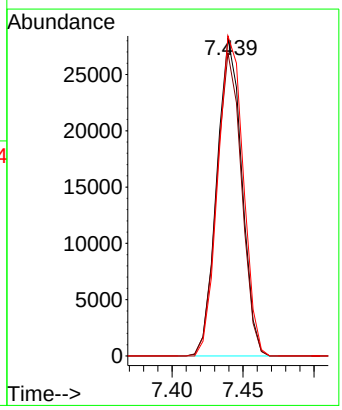


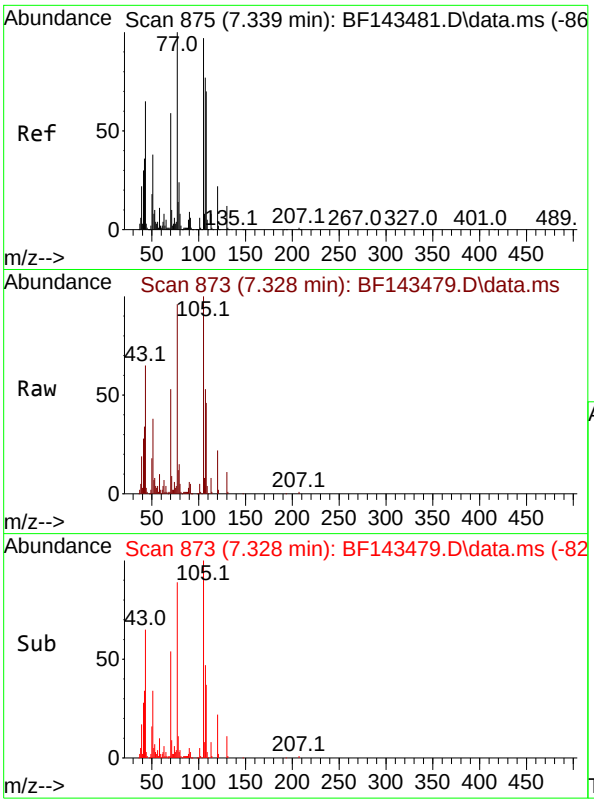


#18
Hexachloroethane
Concen: 10.276 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:117 Resp: 34428

Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.4	113.0
201	100.6	79.0	118.4



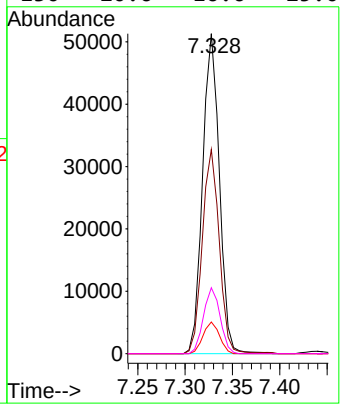


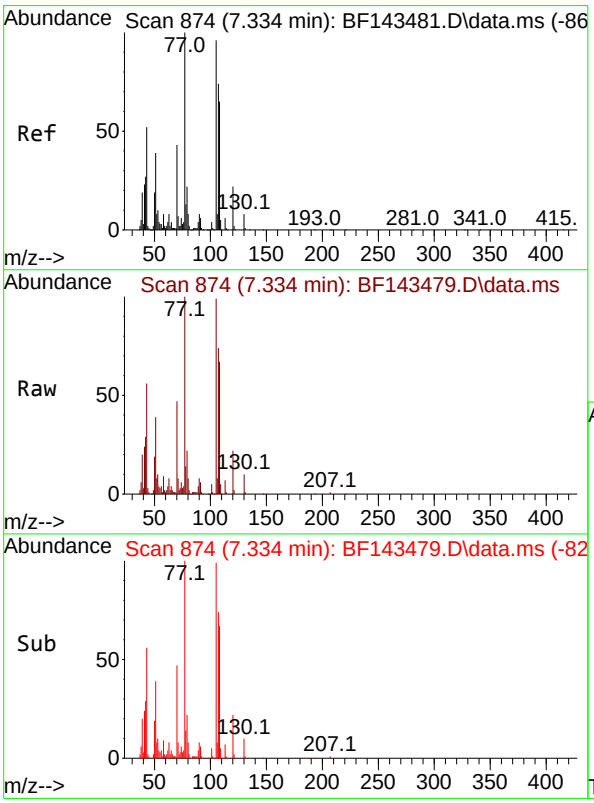
#19
n-Nitroso-di-n-propylamine
Concen: 10.552 ng
RT: 7.328 min Scan# 8
Delta R.T. -0.024 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 70 Resp: 63026

Ion	Ratio	Lower	Upper
70	100		
42	63.8	49.3	73.9
101	9.9	7.8	11.8
130	20.6	16.6	25.0

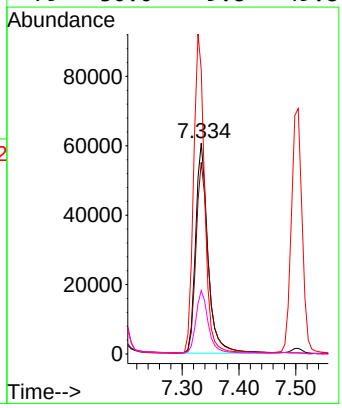


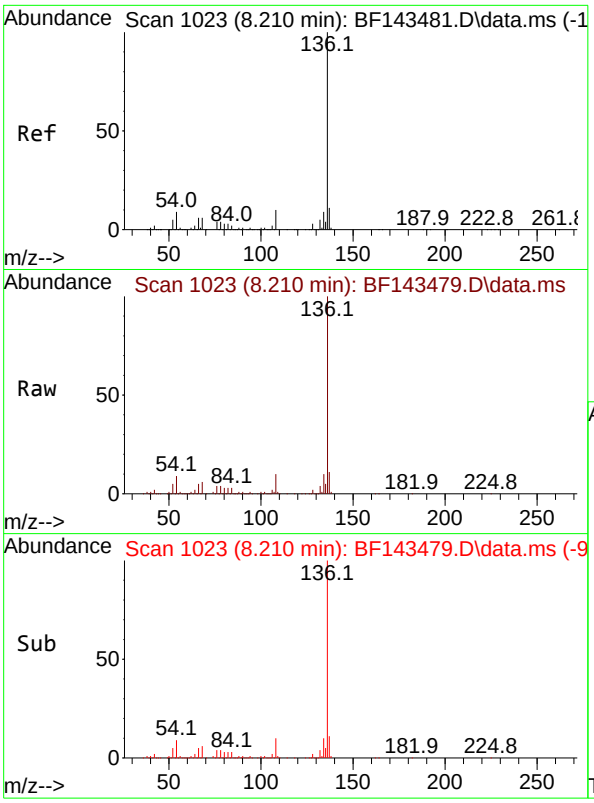


#20
3+4-Methylphenols
Concen: 11.034 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:107 Resp: 92430

Ion	Ratio	Lower	Upper
107	100		
108	90.9	68.4	108.4
77	134.9	116.1	156.1
79	30.0	9.8	49.8



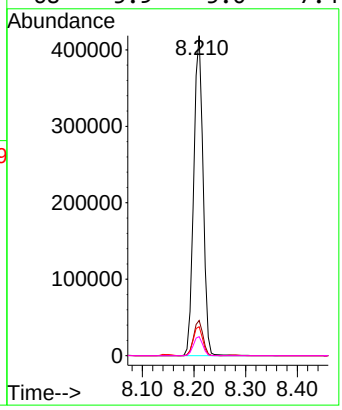


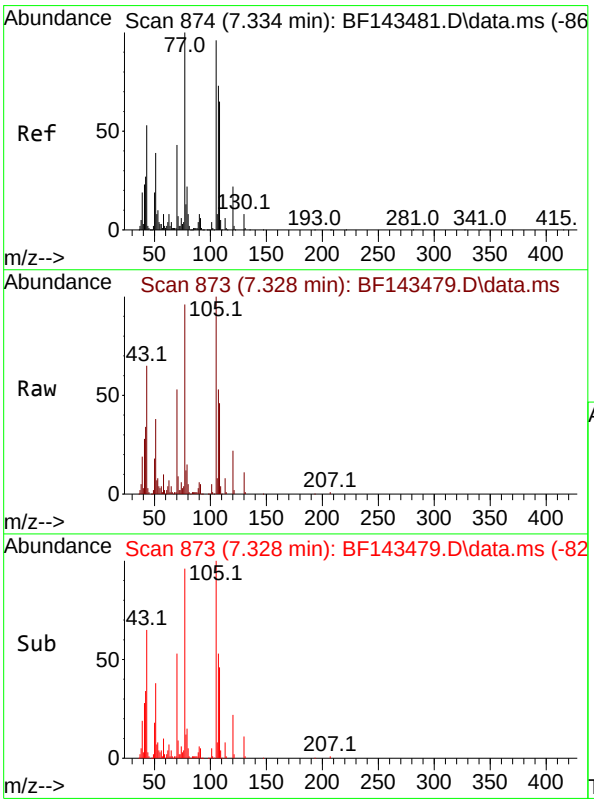
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 525191

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	9.0	7.4	11.2
68	5.9	5.0	7.4

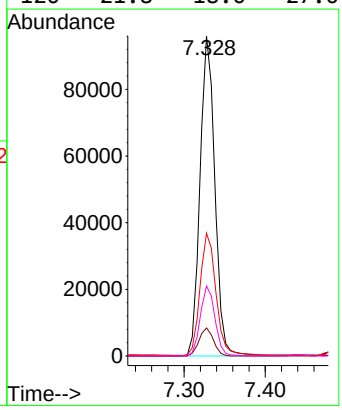


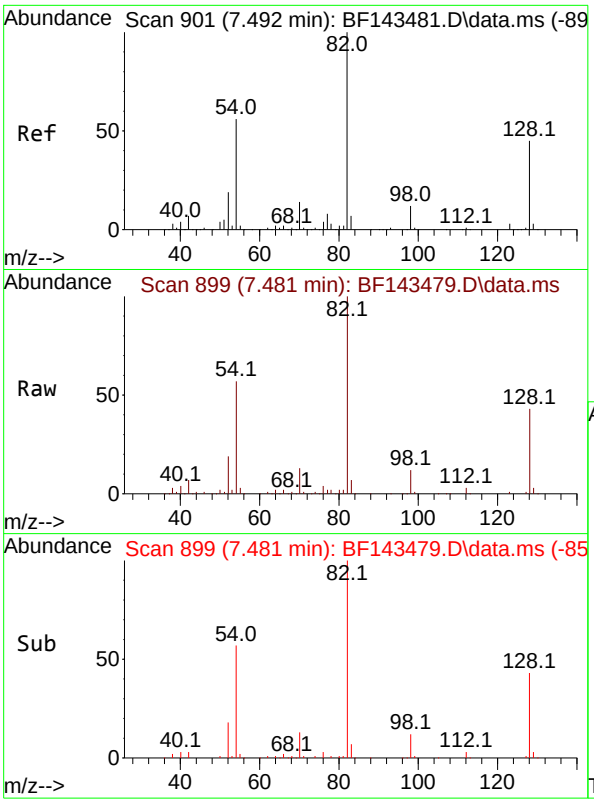


#22
Acetophenone
Concen: 10.745 ng
RT: 7.328 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:105 Resp: 121914

Ion	Ratio	Lower	Upper
105	100		
71	8.8	5.9	8.9
51	38.4	32.5	48.7
120	21.8	18.0	27.0



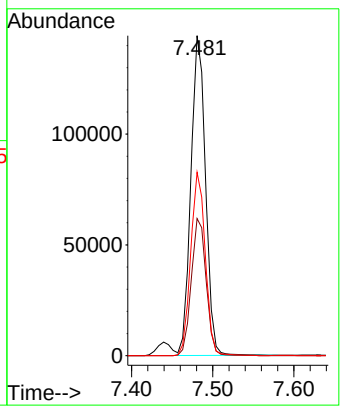


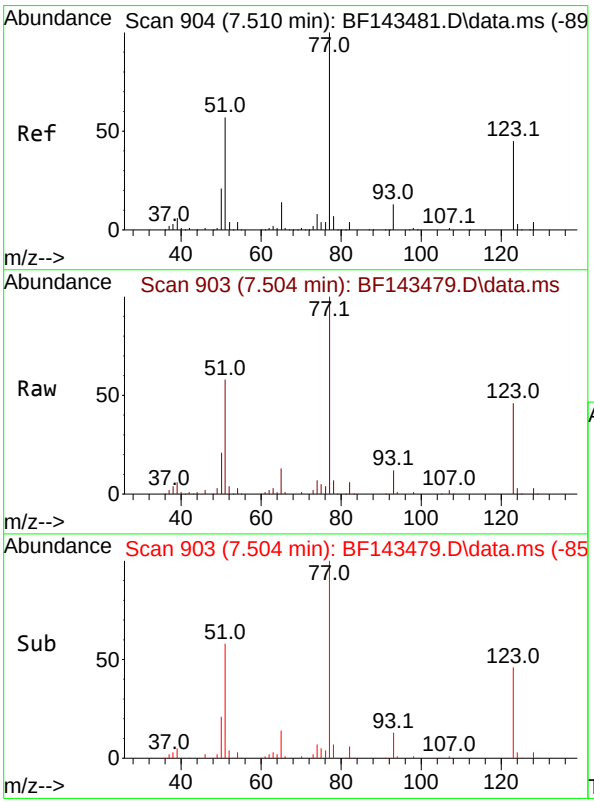
#23
Nitrobenzene-d5
Concen: 20.141 ng
RT: 7.481 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 181268

Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.5	53.3
54	57.3	44.3	66.5

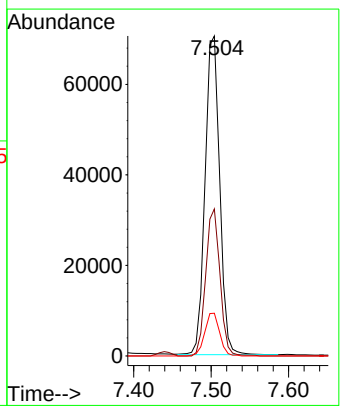


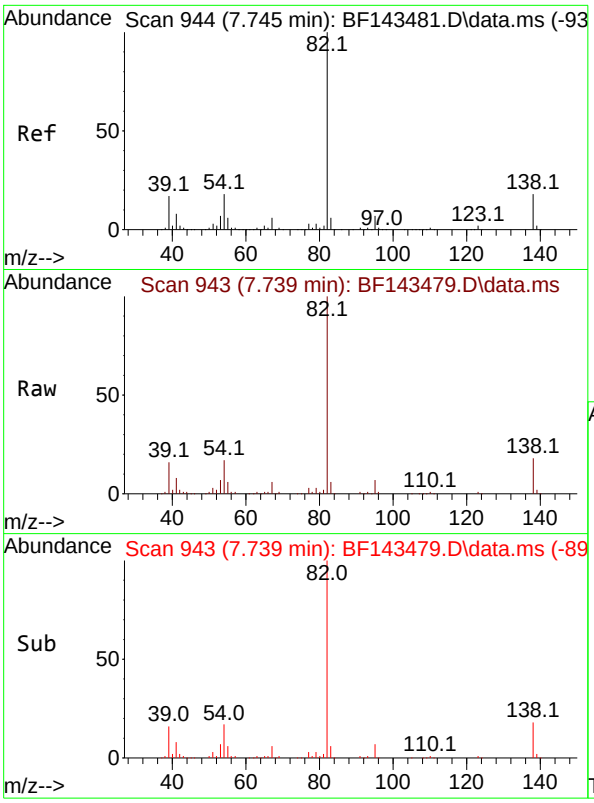


#24
Nitrobenzene
Concen: 9.960 ng
RT: 7.504 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion: 77 Resp: 92261

Ion	Ratio	Lower	Upper
77	100		
123	46.0	36.1	54.1
65	13.4	11.0	16.6



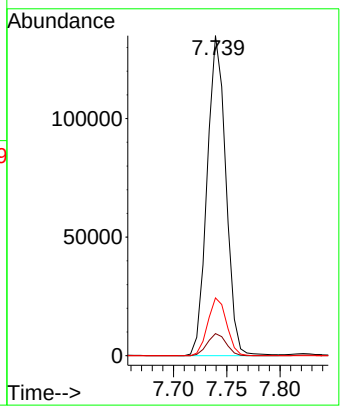


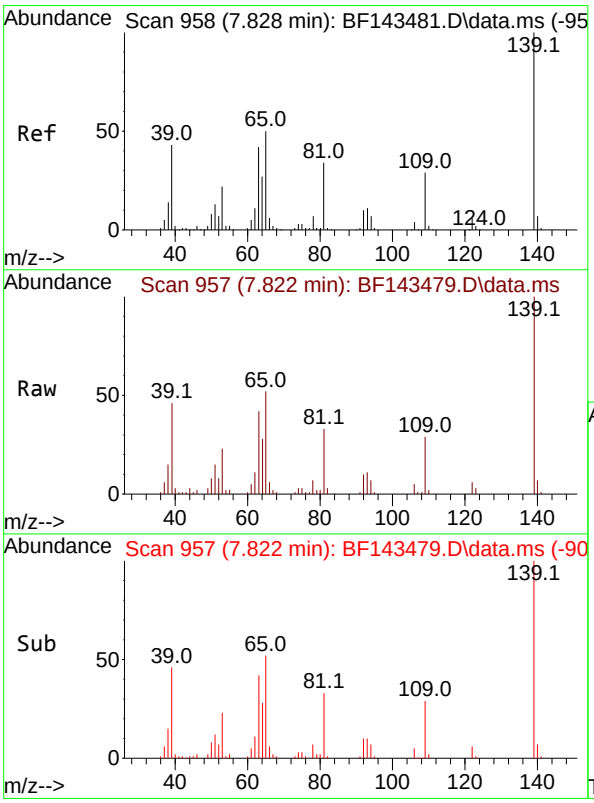
#25
Isophorone
Concen: 10.025 ng
RT: 7.739 min Scan# 94
Delta R.T. -0.018 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 165391

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.8	8.8
138	18.1	14.2	21.4

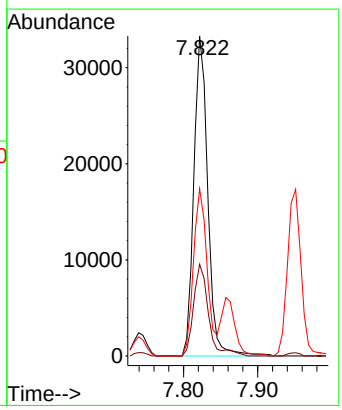


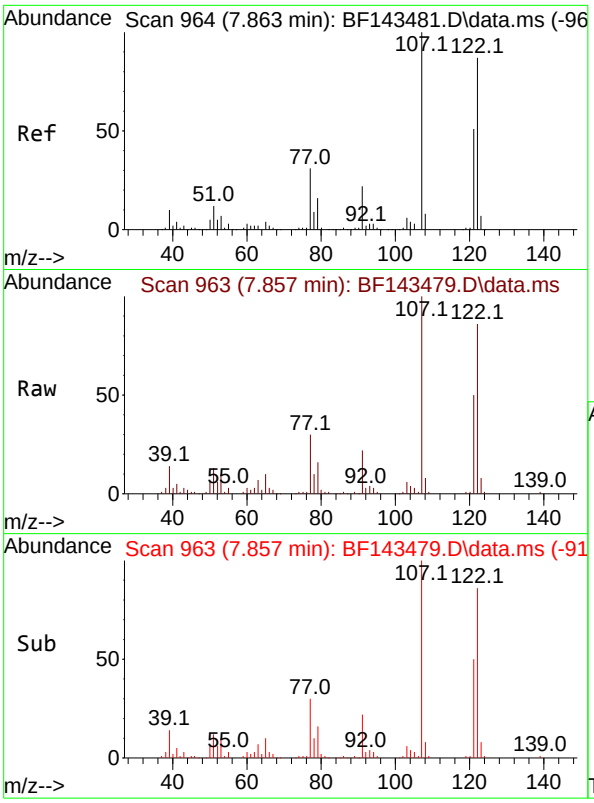


#26
2-Nitrophenol
Concen: 9.575 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:139 Resp: 43444

Ion	Ratio	Lower	Upper
139	100		
109	28.6	23.0	34.6
65	52.3	40.3	60.5



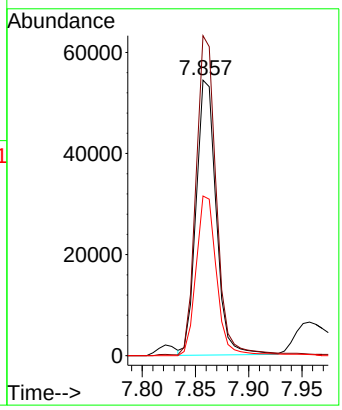


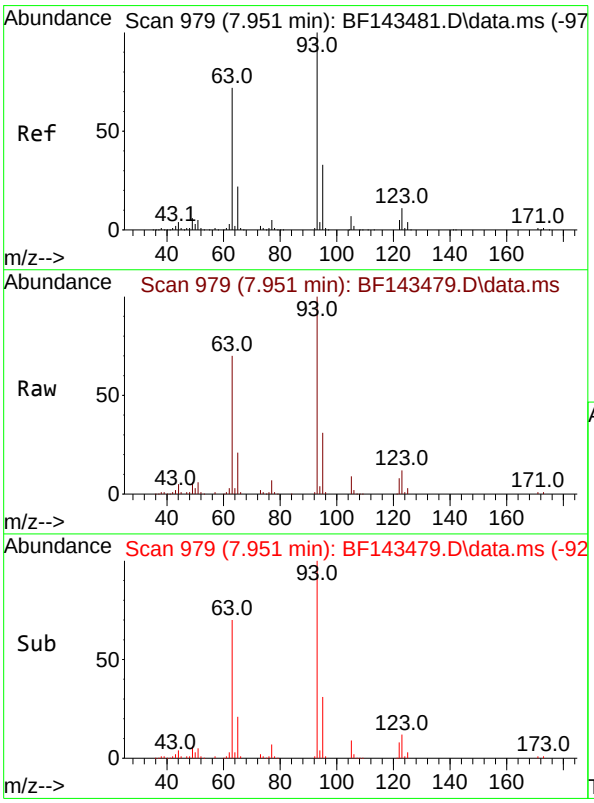
#27
2,4-Dimethylphenol
Concen: 10.105 ng
RT: 7.857 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 71477

Ion	Ratio	Lower	Upper
122	100		
107	116.1	91.5	137.3
121	57.9	47.0	70.4

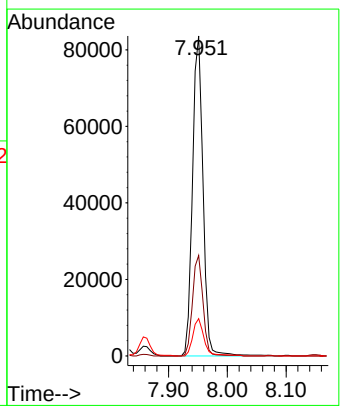


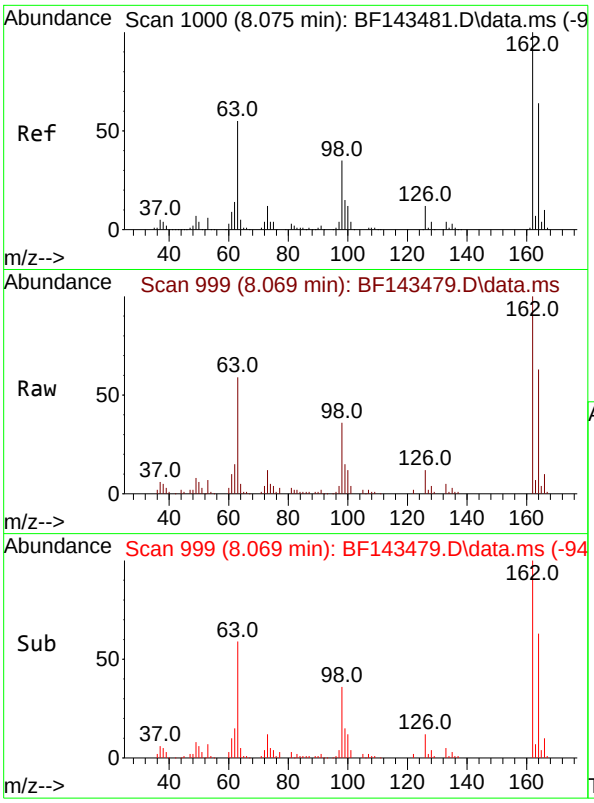


#28
bis(2-Chloroethoxy)methane
Concen: 10.329 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion: 93 Resp: 104720

Ion	Ratio	Lower	Upper
93	100		
95	31.4	26.0	39.0
123	11.6	9.1	13.7



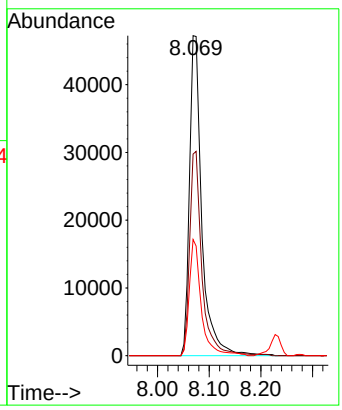


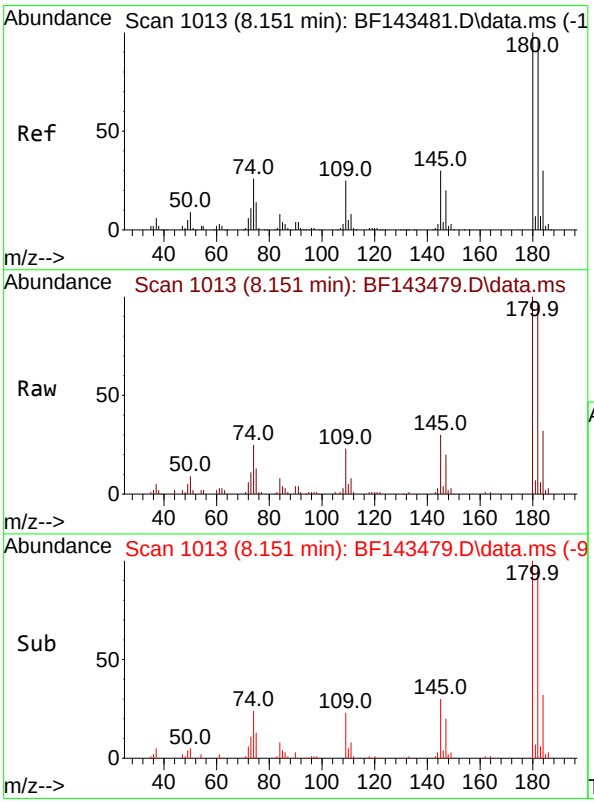
#29
2,4-Dichlorophenol
Concen: 10.394 ng
RT: 8.069 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 78518

Ion	Ratio	Lower	Upper
162	100		
164	63.0	43.5	83.5
98	36.3	15.1	55.1

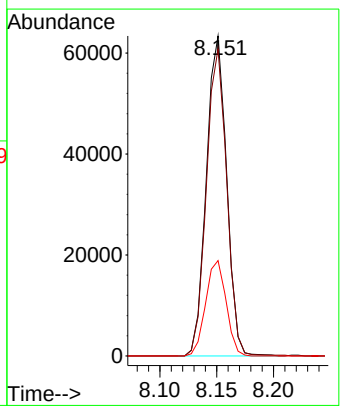


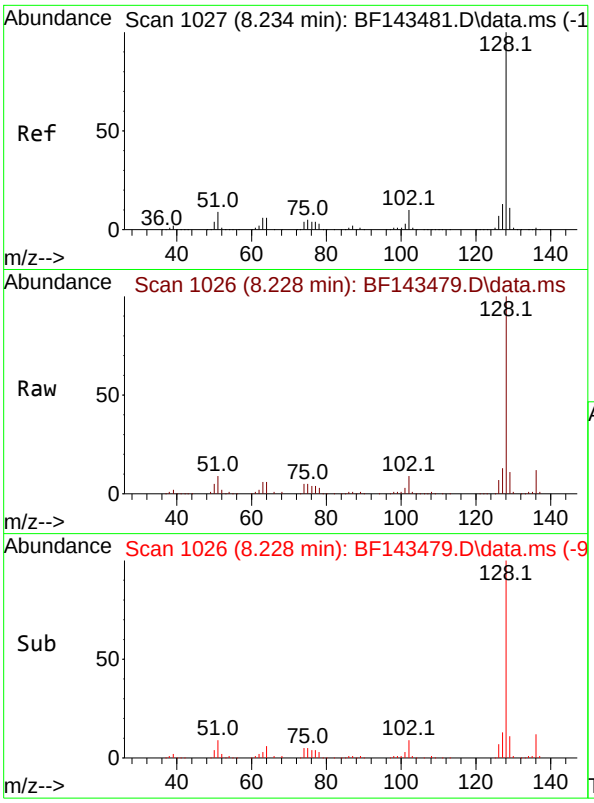


#30
1,2,4-Trichlorobenzene
Concen: 10.143 ng
RT: 8.151 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:180 Resp: 78780

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.6	114.8
145	29.8	24.3	36.5



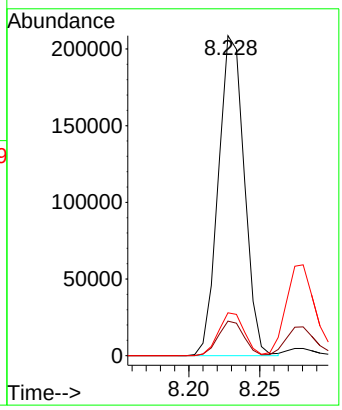


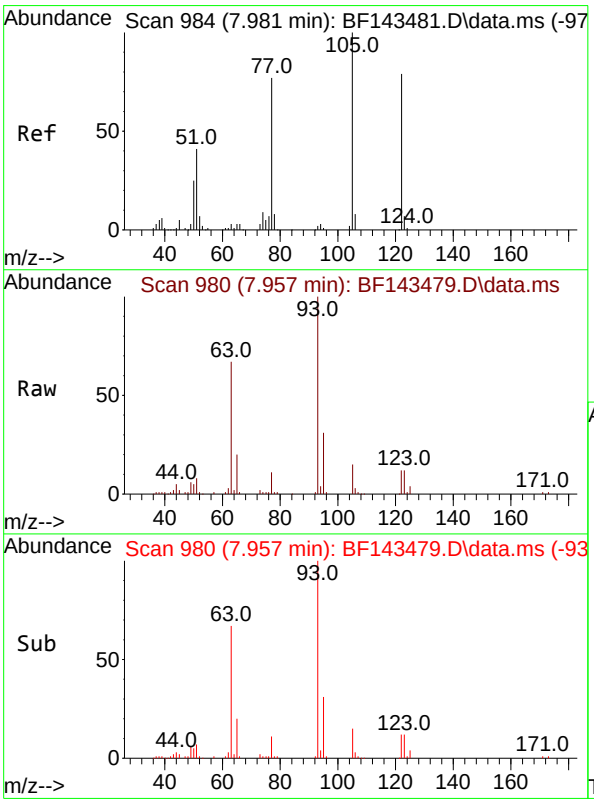
#31
Naphthalene
Concen: 10.503 ng
RT: 8.228 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 264837

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.4	10.6	16.0

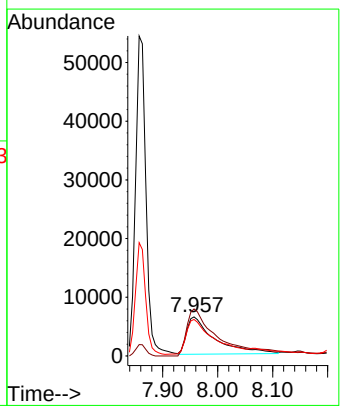


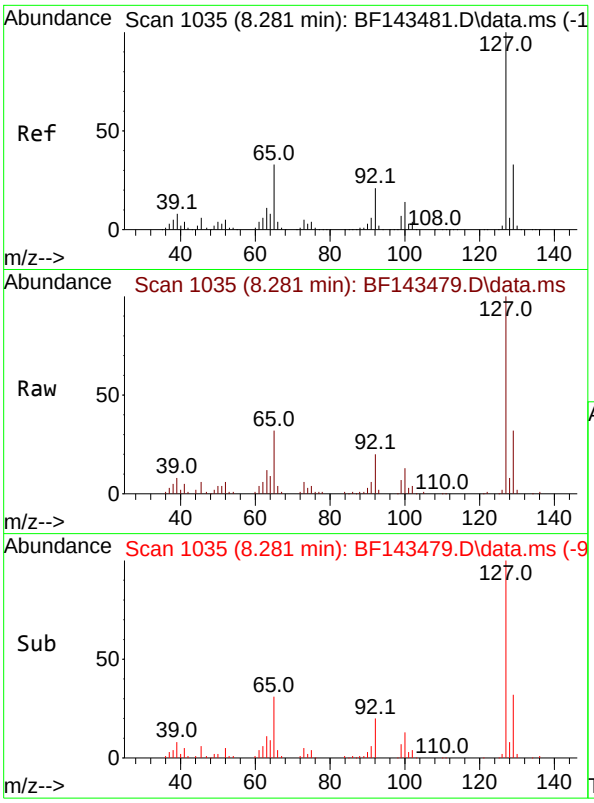


#32
Benzoic acid
Concen: 10.817 ng
RT: 7.957 min Scan# 980
Delta R.T. -0.053 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:122 Resp: 22608

Ion	Ratio	Lower	Upper
122	100		
105	120.4	104.7	144.7
77	93.4	77.3	117.3



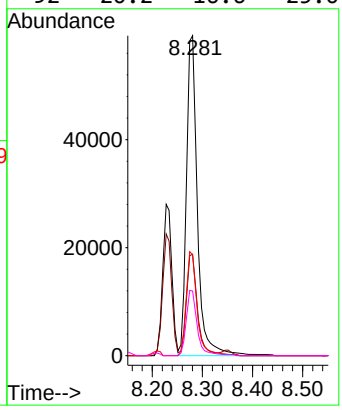


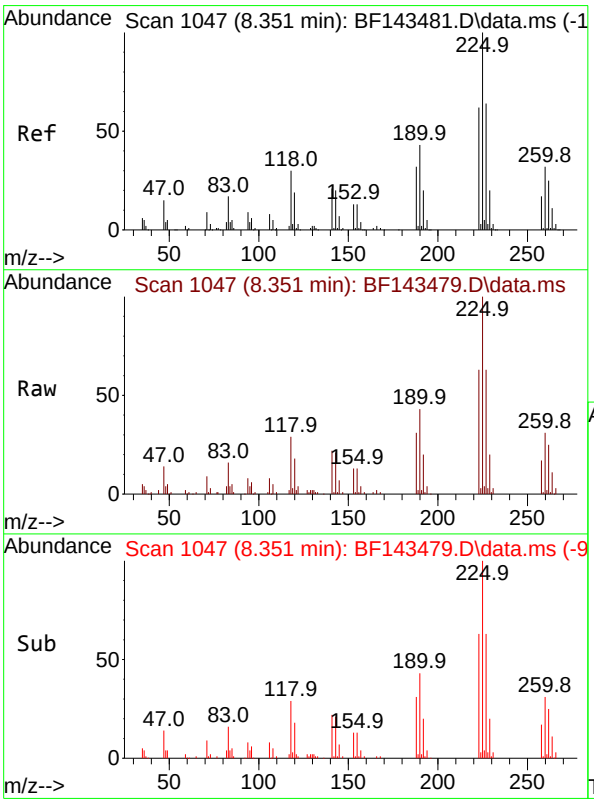
#33
4-Chloroaniline
Concen: 10.129 ng
RT: 8.281 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 90644

Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.1	39.1
65	31.6	26.2	39.2
92	20.2	16.6	25.0

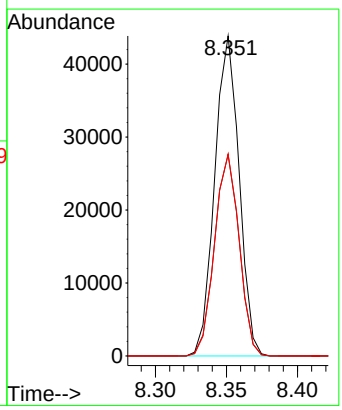


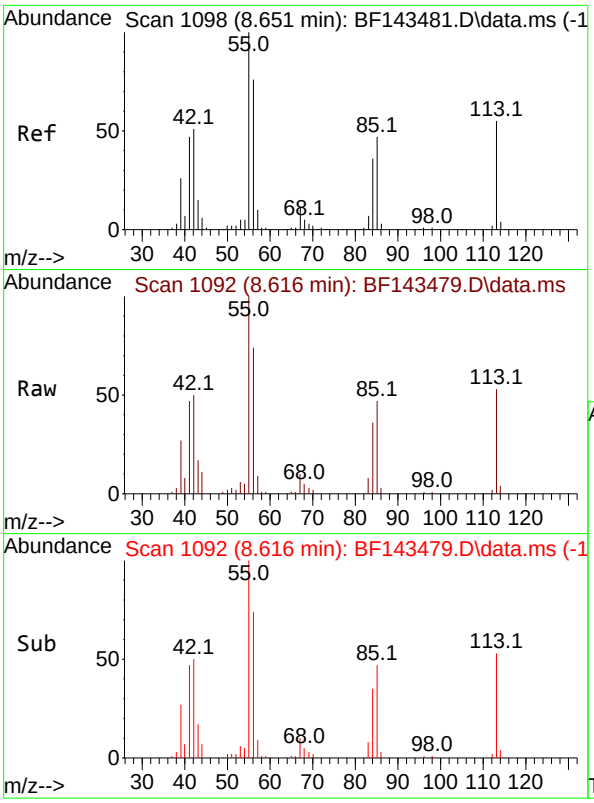


#34
Hexachlorobutadiene
Concen: 10.321 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:225 Resp: 52299

Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.9	74.9
227	63.1	50.9	76.3



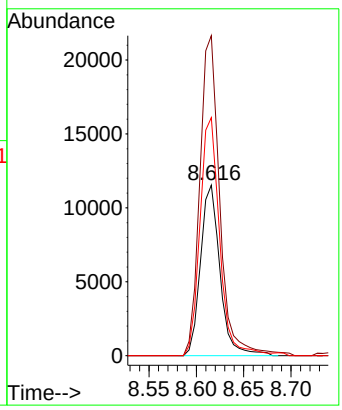


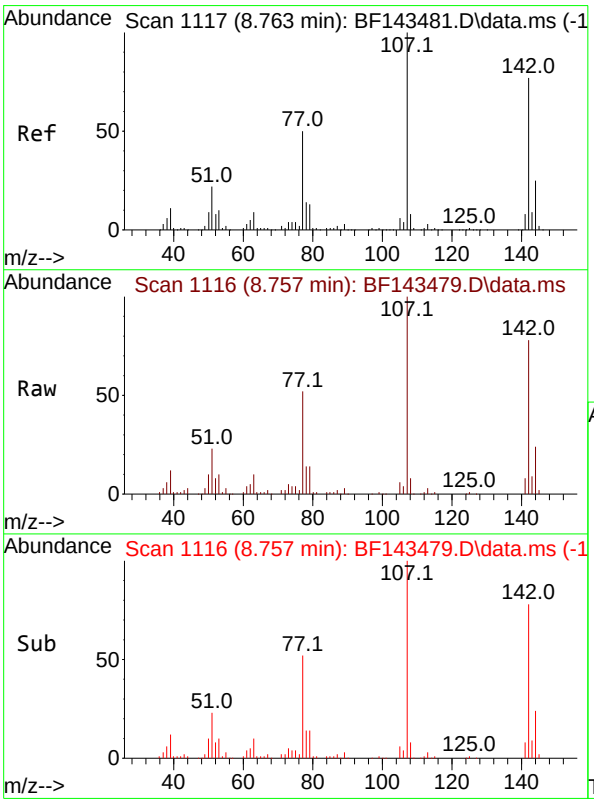
#35
Caprolactam
Concen: 9.099 ng
RT: 8.616 min Scan# 1
Delta R.T. -0.059 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 16494

Ion	Ratio	Lower	Upper
113	100		
55	187.6	162.8	202.8
56	139.5	118.1	158.1

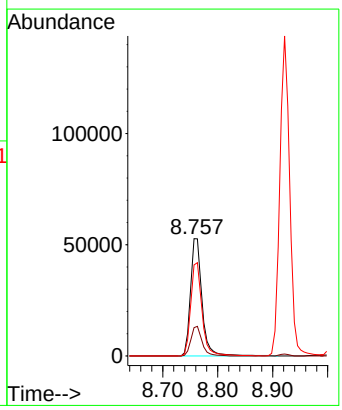


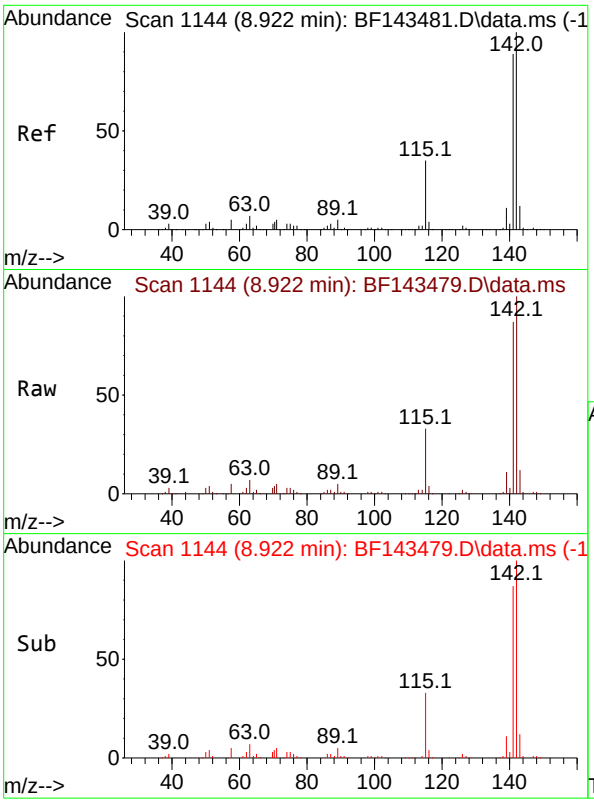


#36
4-Chloro-3-methylphenol
Concen: 10.126 ng
RT: 8.757 min Scan# 1116
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:107 Resp: 76657

Ion	Ratio	Lower	Upper
107	100		
144	24.2	19.9	29.9
142	77.7	61.8	92.8



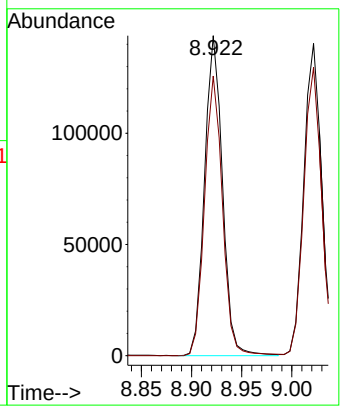


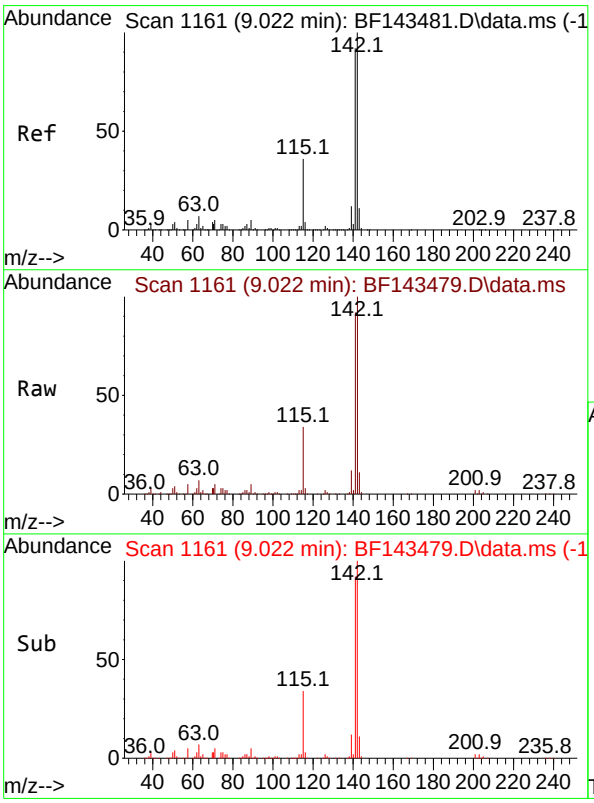
#37
2-Methylnaphthalene
Concen: 10.663 ng
RT: 8.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 179574

Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.0	106.4

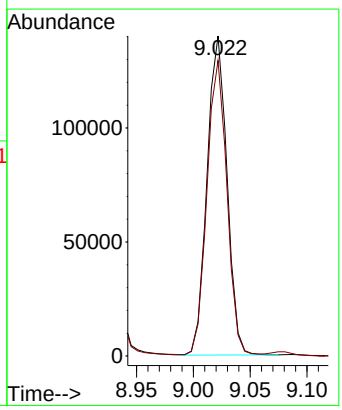


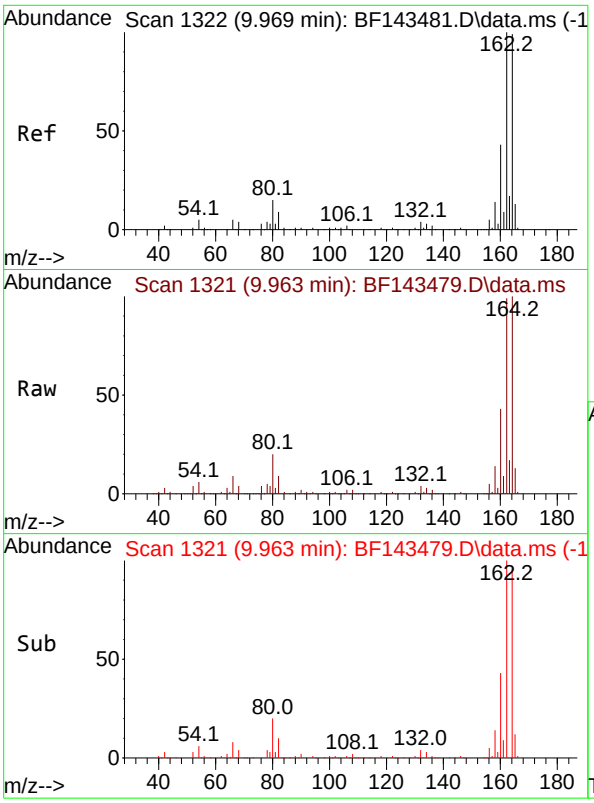


#38
1-Methylnaphthalene
Concen: 10.606 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:142 Resp: 170845

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.3	109.9



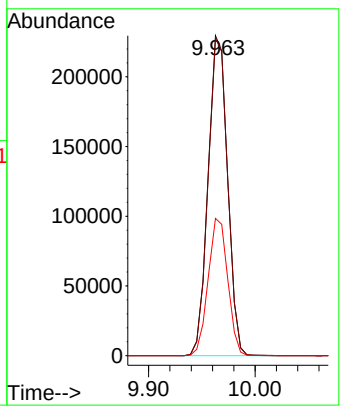


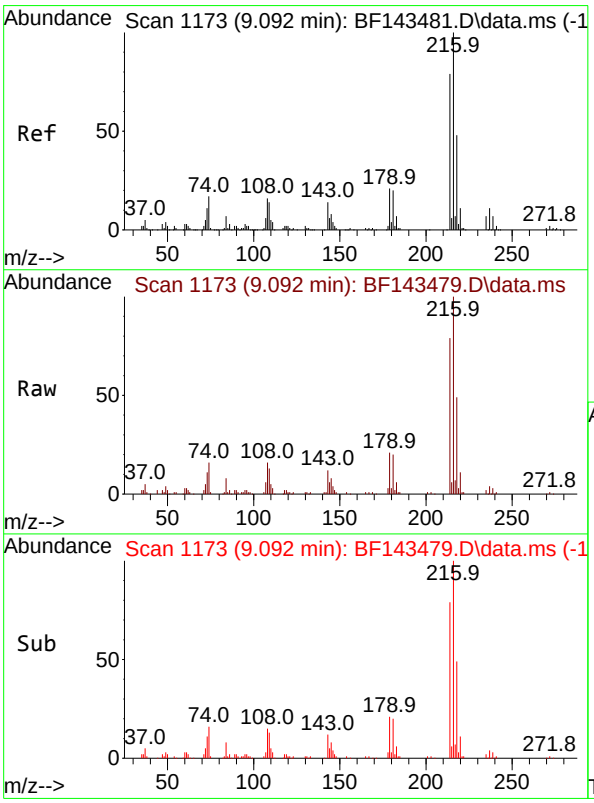
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 291754

Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.5	120.7
160	42.9	34.3	51.5

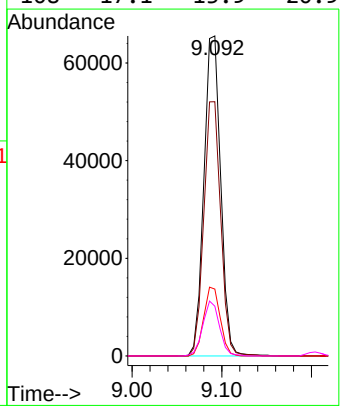


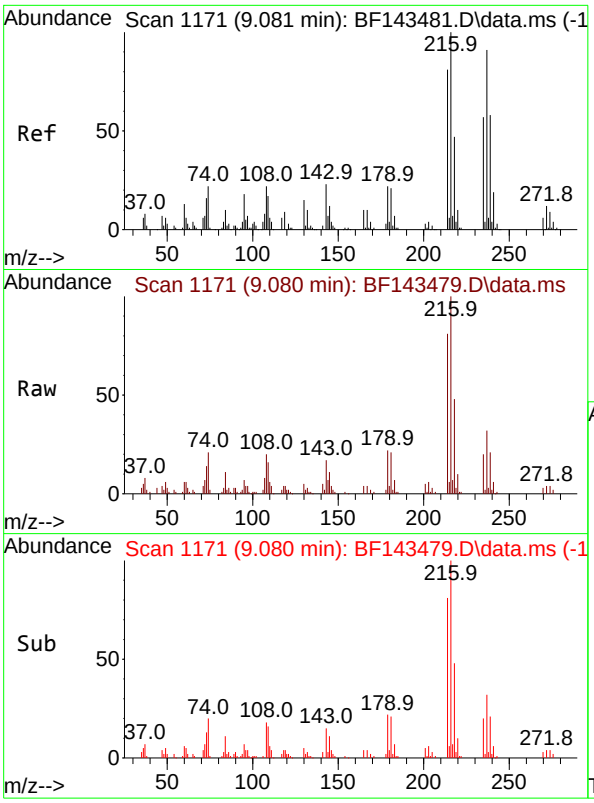


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.207 ng
RT: 9.092 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:216 Resp: 85181

Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.4	95.0
179	21.1	16.5	24.7
108	17.1	13.9	20.9



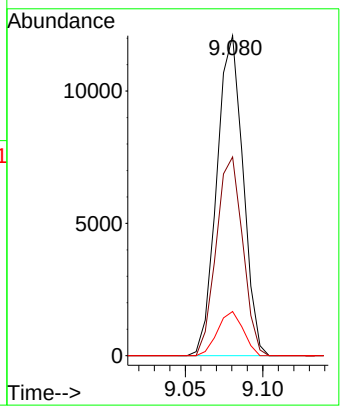


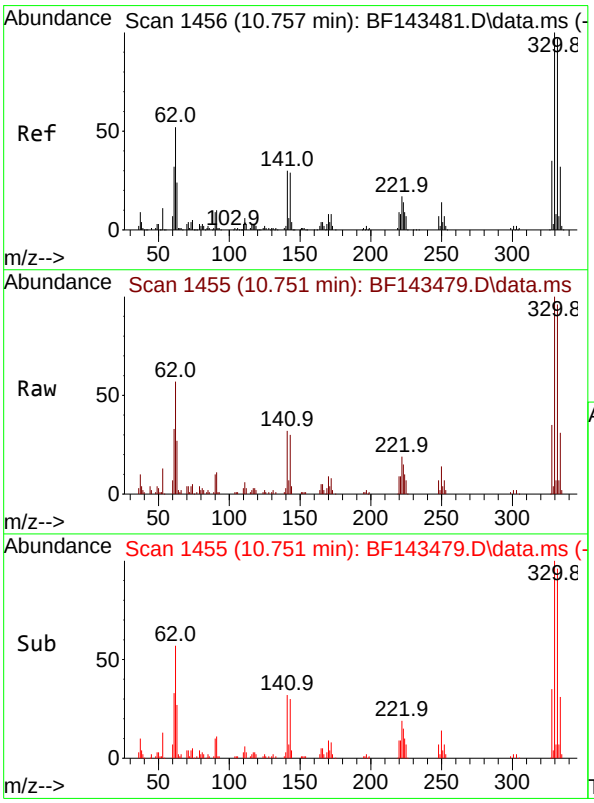
#41
Hexachlorocyclopentadiene
Concen: 10.484 ng
RT: 9.080 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 14243

Ion	Ratio	Lower	Upper
237	100		
235	62.1	42.6	82.6
272	13.8	0.0	33.4

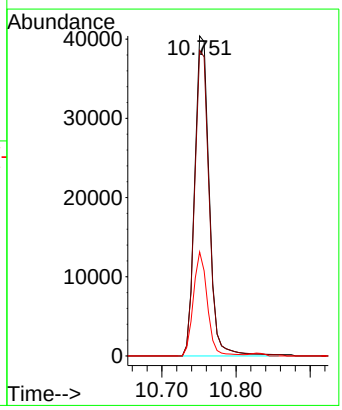


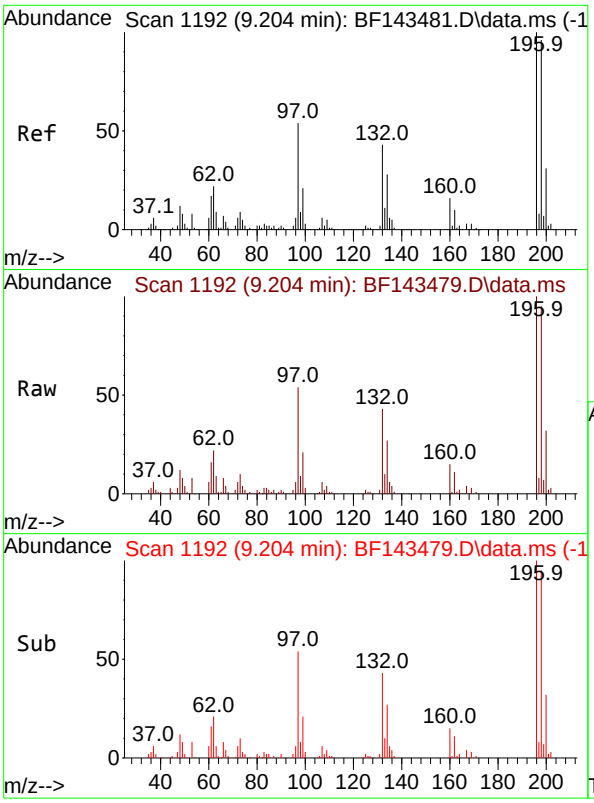


#42
2,4,6-Tribromophenol
Concen: 20.244 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:330 Resp: 54980

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.0	117.0
141	31.3	23.7	35.5



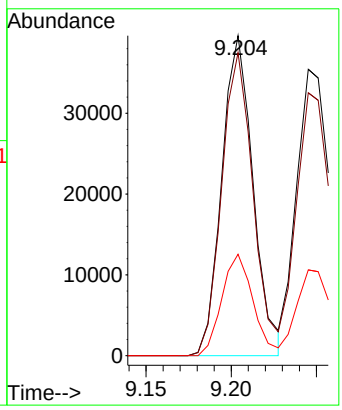


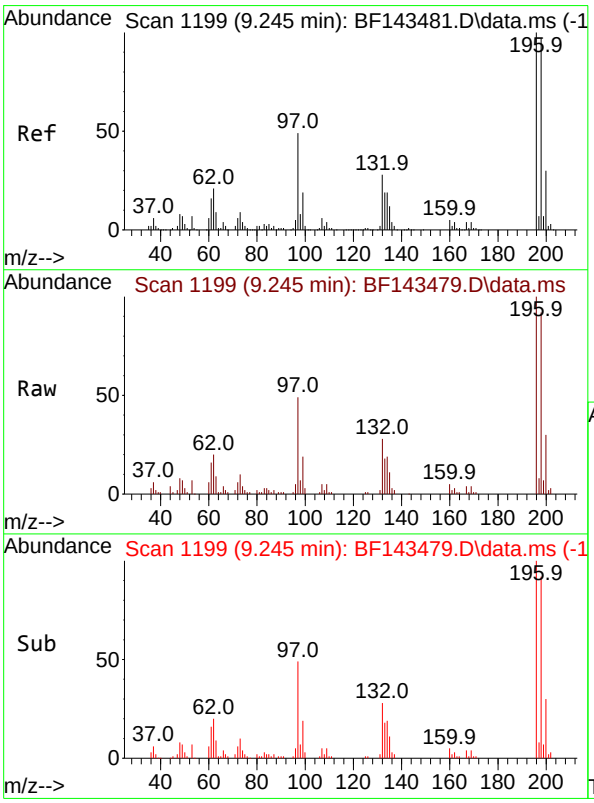
#43
2,4,6-Trichlorophenol
Concen: 9.854 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 50602

Ion	Ratio	Lower	Upper
196	100		
198	94.7	77.0	115.4
200	31.7	24.6	37.0

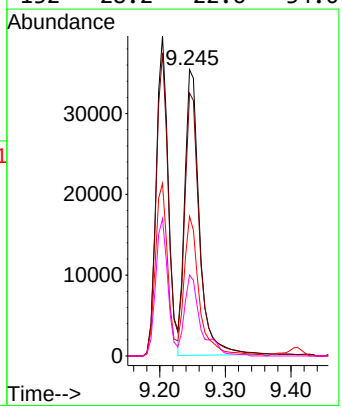


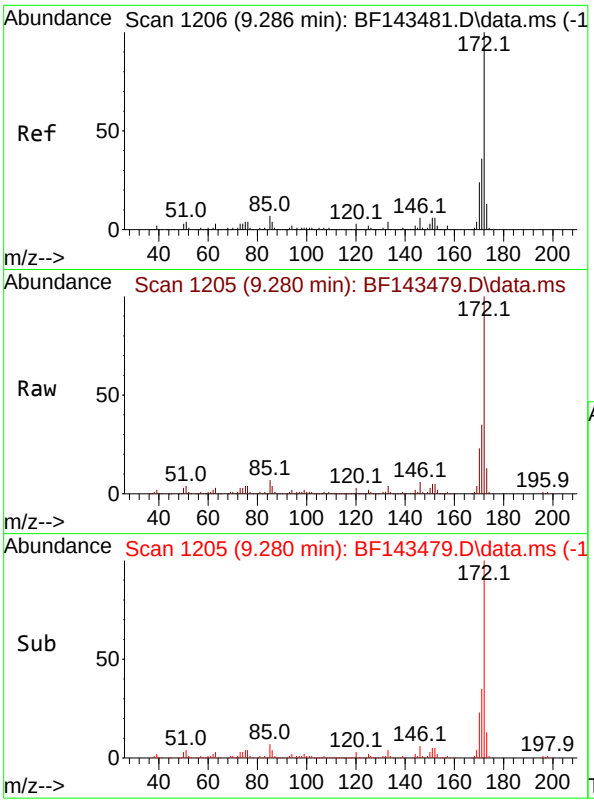


#44
2,4,5-Trichlorophenol
Concen: 9.775 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:196 Resp: 54832

Ion	Ratio	Lower	Upper
196	100		
198	91.8	77.3	115.9
97	48.8	40.0	60.0
132	28.2	22.6	34.0



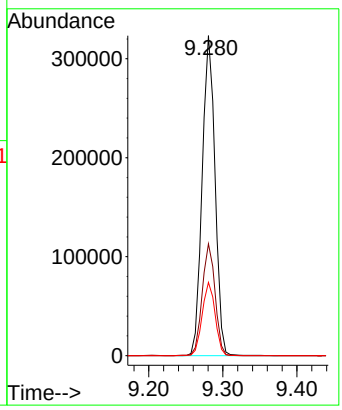


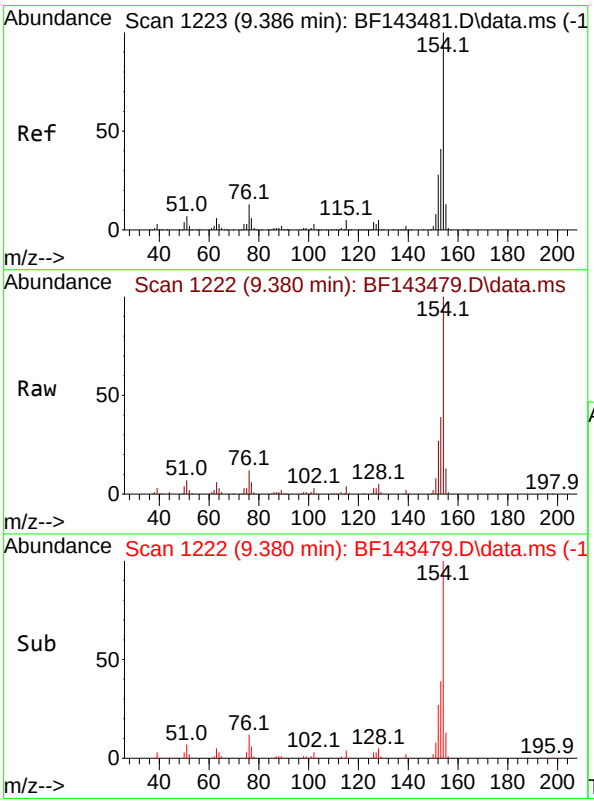
#45
2-Fluorobiphenyl
Concen: 22.085 ng
RT: 9.280 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 389874

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.8	43.2
170	22.9	18.8	28.2

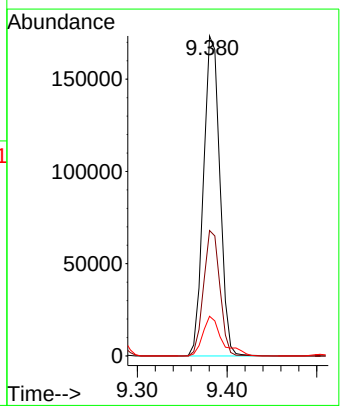


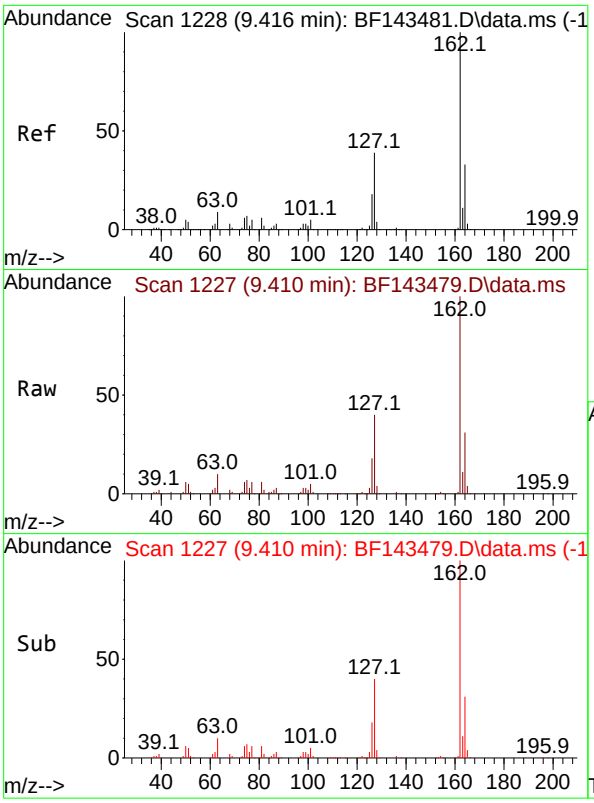


#46
1,1'-Biphenyl
Concen: 10.602 ng
RT: 9.380 min Scan# 1222
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:154 Resp: 219538

Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.6	60.6
76	12.4	0.0	33.0



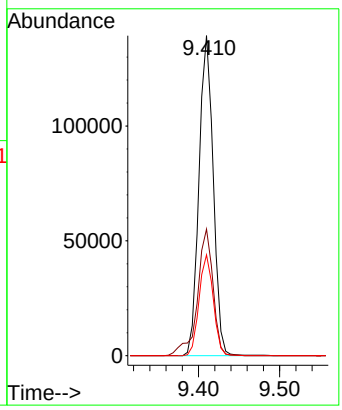


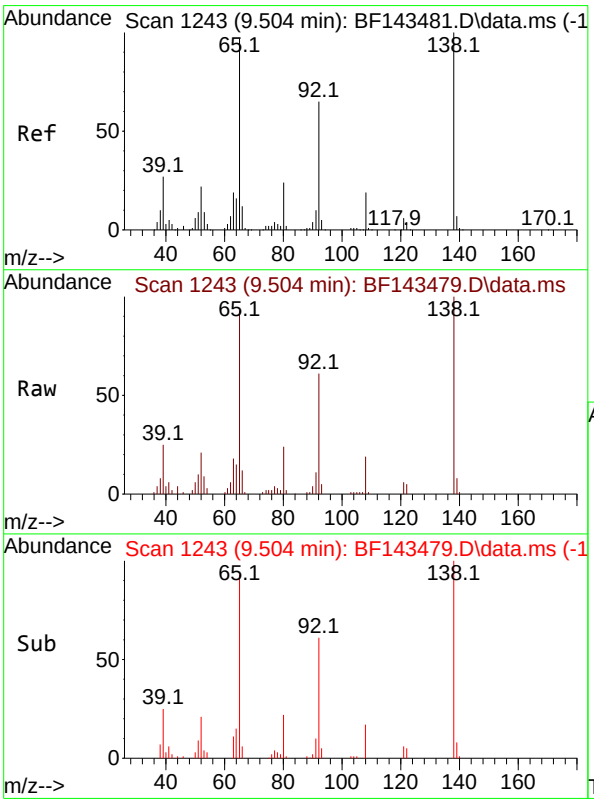
#47
2-Chloronaphthalene
Concen: 10.461 ng
RT: 9.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 169967

Ion	Ratio	Lower	Upper
162	100		
127	39.5	31.8	47.6
164	31.5	26.4	39.6

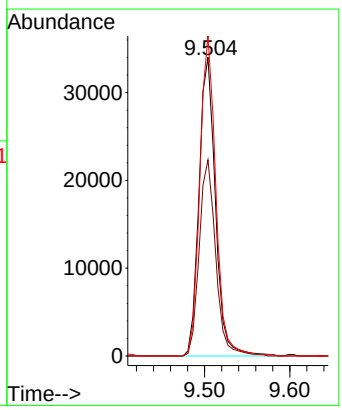


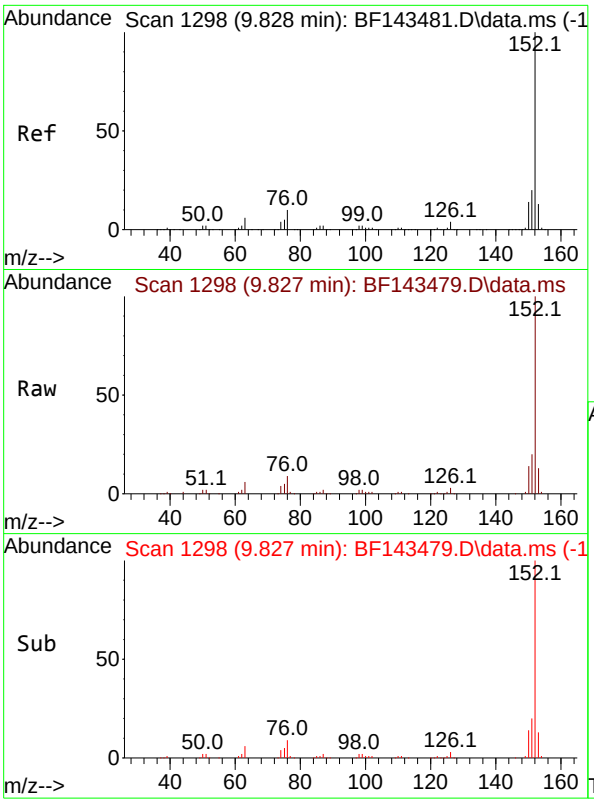


#48
2-Nitroaniline
Concen: 9.596 ng
RT: 9.504 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion: 65 Resp: 45630

Ion	Ratio	Lower	Upper
65	100		
92	65.7	53.8	80.6
138	107.1	82.4	123.6



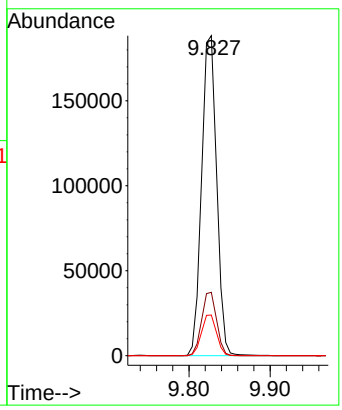


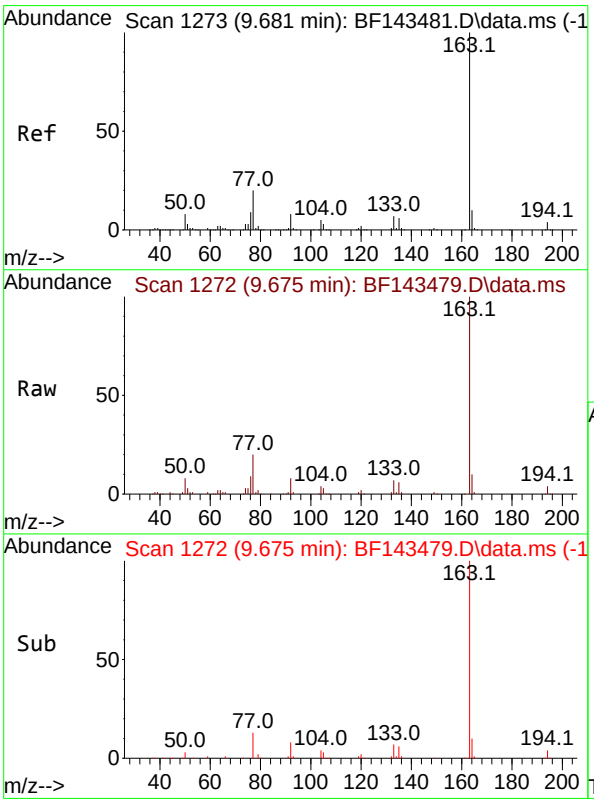
#49
Acenaphthylene
Concen: 10.429 ng
RT: 9.827 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 242638

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4
153	12.7	10.6	15.8

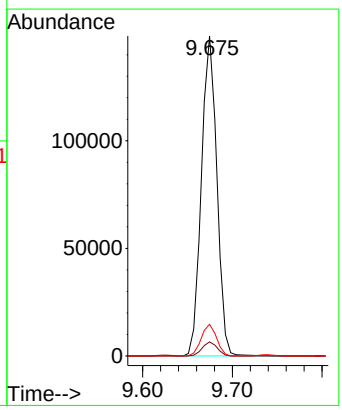


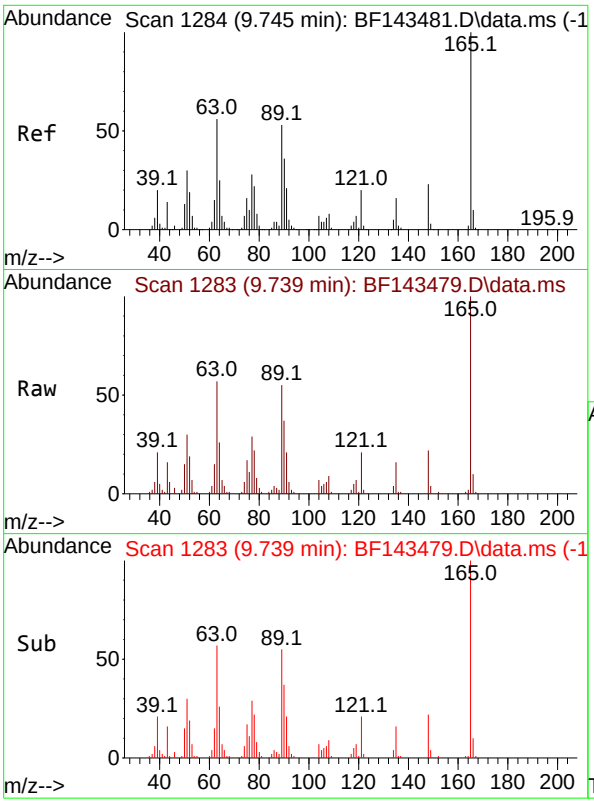


#50
Dimethylphthalate
Concen: 10.120 ng
RT: 9.675 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:163 Resp: 177820

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	9.9	8.2	12.2



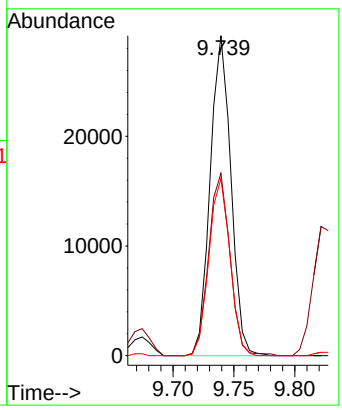


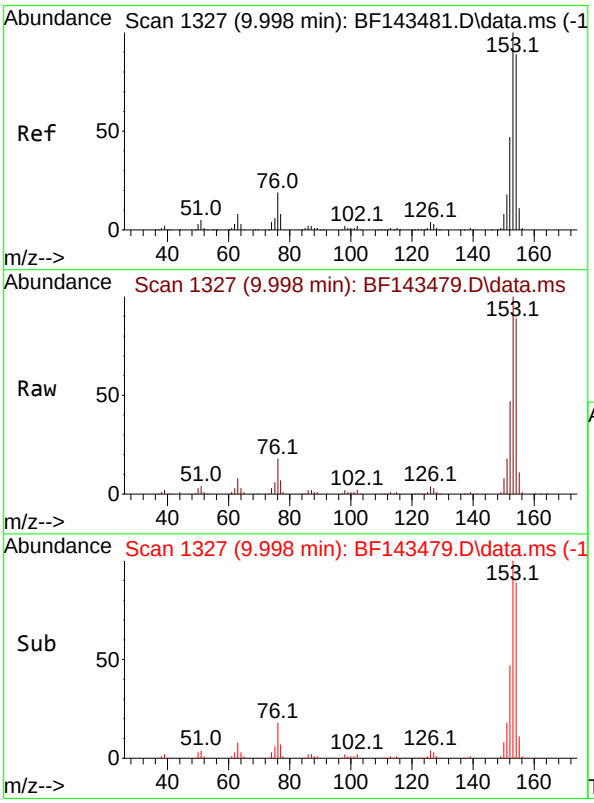
#51
2,6-Dinitrotoluene
Concen: 9.493 ng
RT: 9.739 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 34570

Ion	Ratio	Lower	Upper
165	100		
63	57.0	45.0	67.6
89	55.4	42.5	63.7

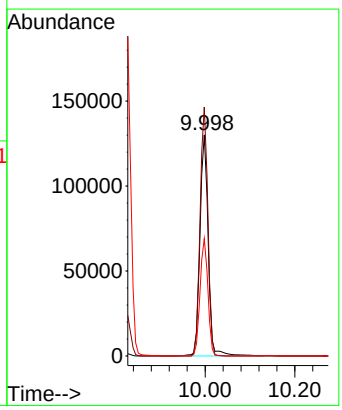


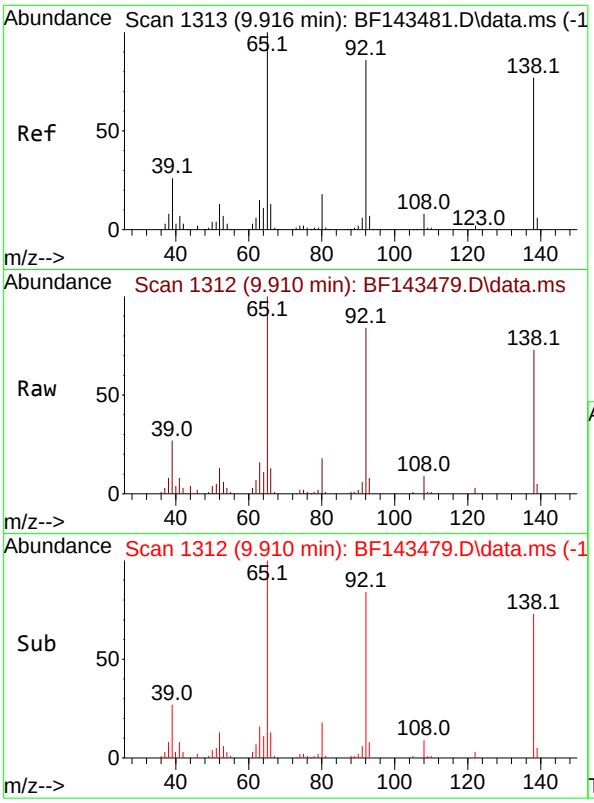


#52
Acenaphthene
Concen: 10.441 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:154 Resp: 164918

Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.5	134.3
152	53.1	42.5	63.7



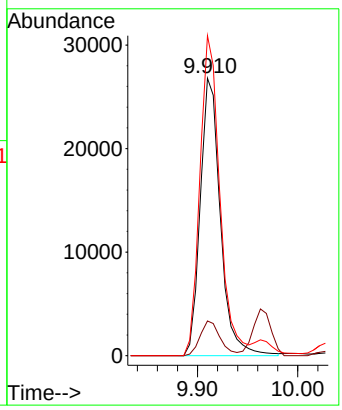


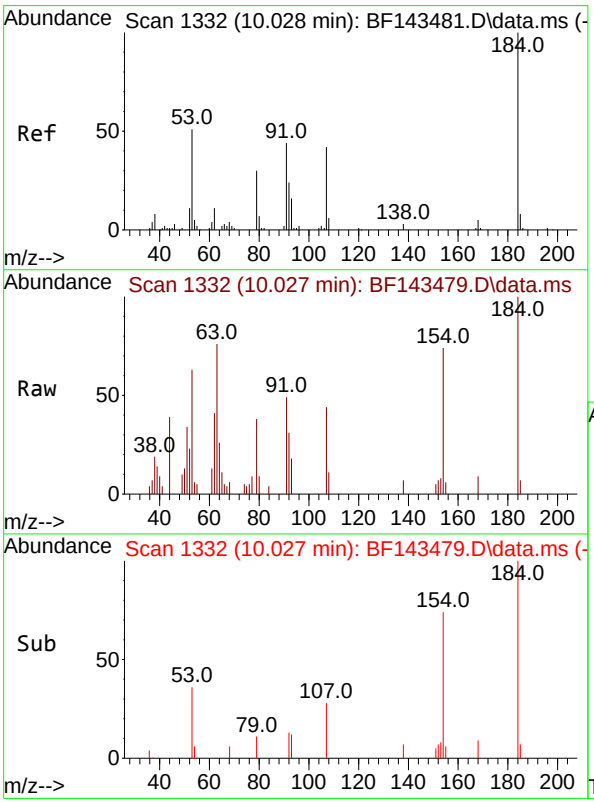
#53
3-Nitroaniline
Concen: 9.523 ng
RT: 9.910 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 37475

Ion	Ratio	Lower	Upper
138	100		
108	12.5	8.6	13.0
92	115.3	89.8	134.8

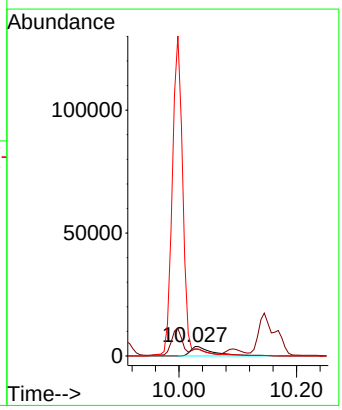


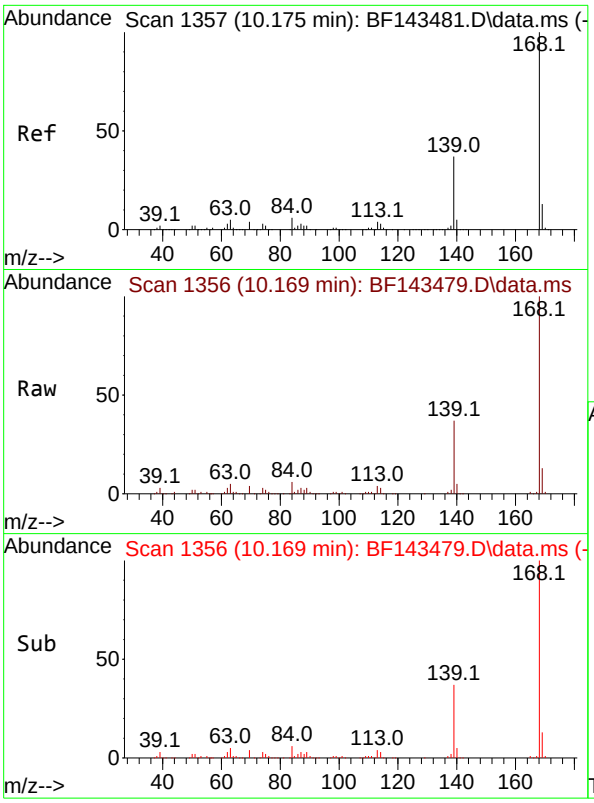


#54
2,4-Dinitrophenol
Concen: 10.295 ng
RT: 10.027 min Scan# 1332
Delta R.T. -0.001 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:184 Resp: 10431

Ion	Ratio	Lower	Upper
184	100		
63	75.6	52.6	78.8
154	73.9	51.0	76.4



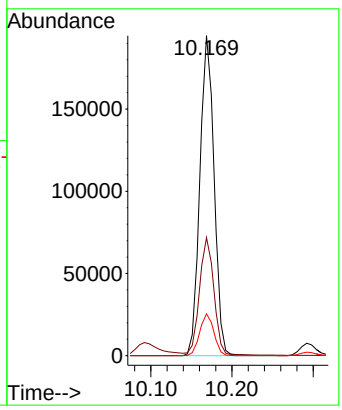


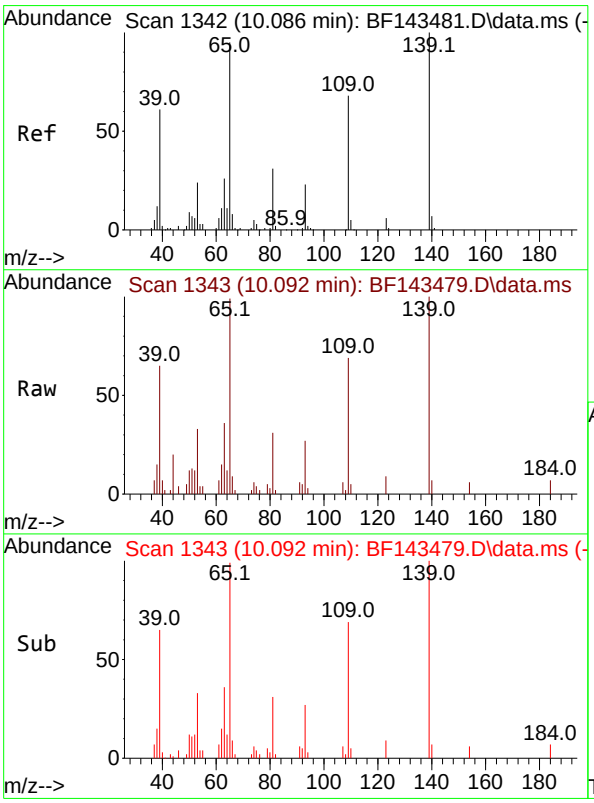
#55
Dibenzofuran
Concen: 10.528 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:168 Resp: 237099

Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.8	44.6
169	13.1	10.8	16.2

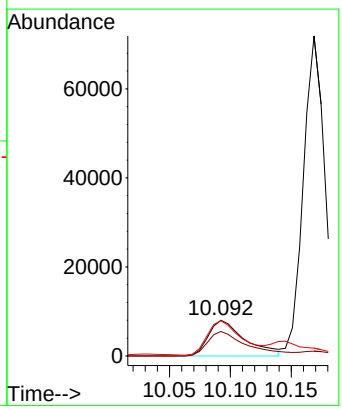


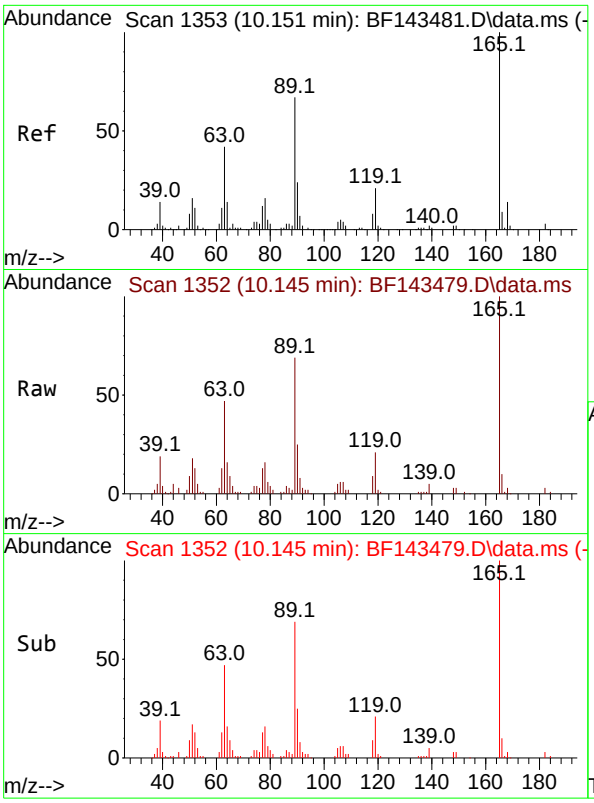


#56
4-Nitrophenol
Concen: 7.146 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:139 Resp: 16733

Ion	Ratio	Lower	Upper
139	100		
109	68.9	48.2	88.2
65	98.8	75.8	115.8



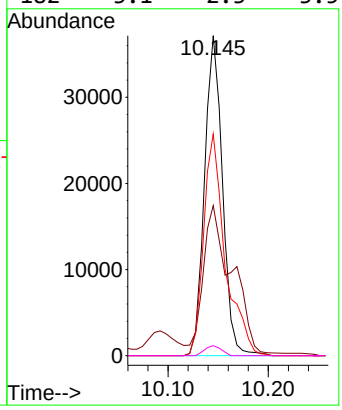


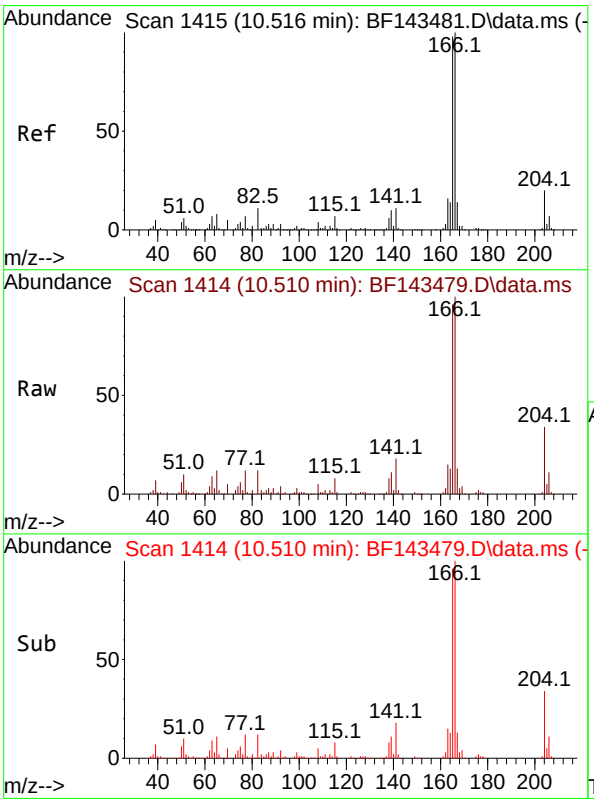
#57
2,4-Dinitrotoluene
Concen: 9.534 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 46361

Ion	Ratio	Lower	Upper
165	100		
63	46.9	34.9	52.3
89	69.2	53.3	79.9
182	3.1	2.3	3.5

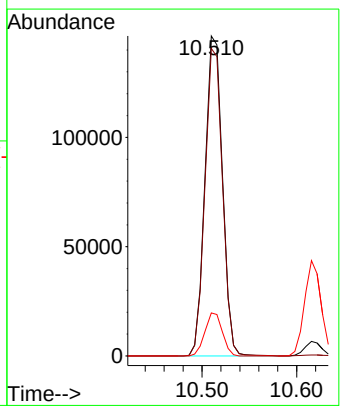


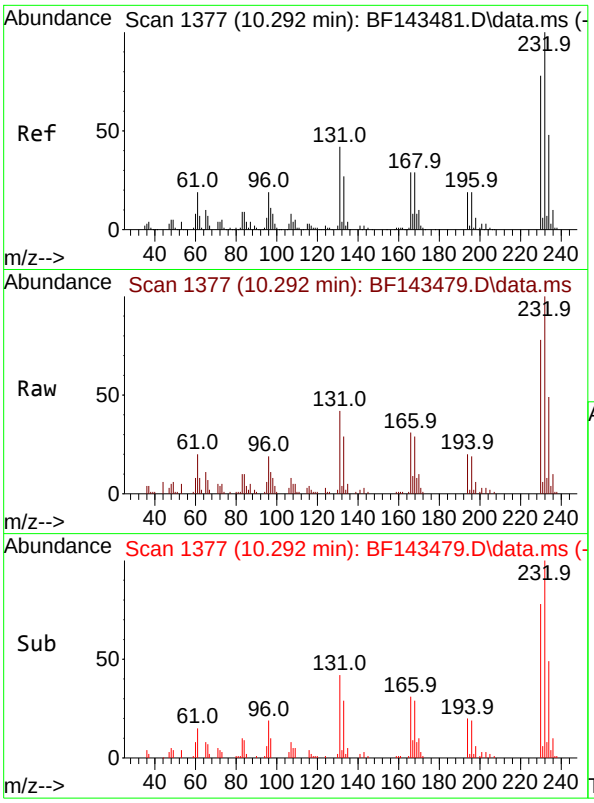


#58
Fluorene
Concen: 10.820 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:166 Resp: 187535

Ion	Ratio	Lower	Upper
166	100		
165	96.1	78.3	117.5
167	13.4	11.0	16.4



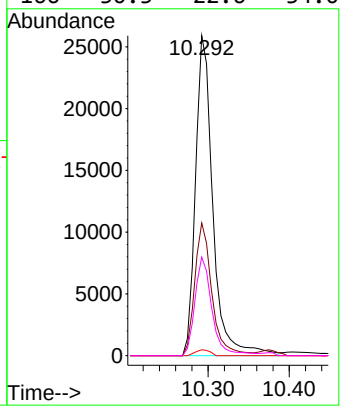


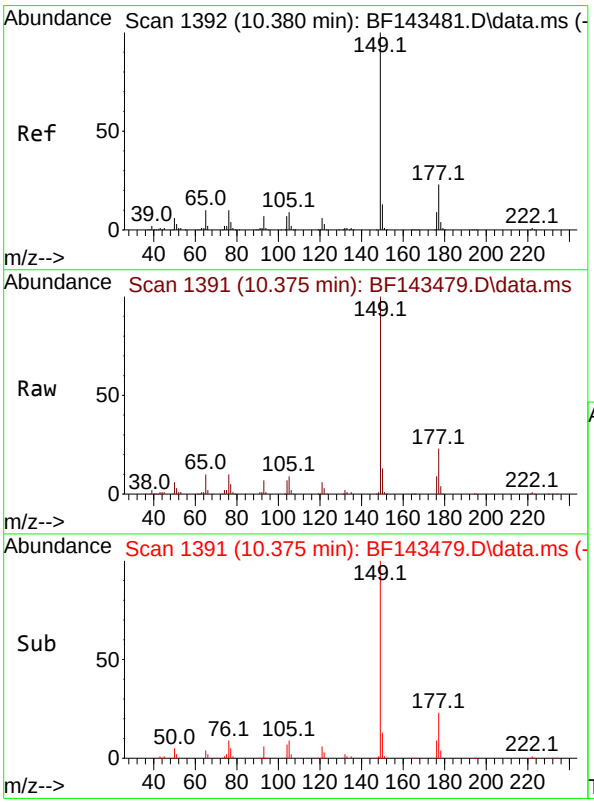
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.253 ng
RT: 10.292 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 38561

Ion	Ratio	Lower	Upper
232	100		
131	41.1	32.7	49.1
130	1.6	1.6	2.4#
166	30.3	22.6	34.0

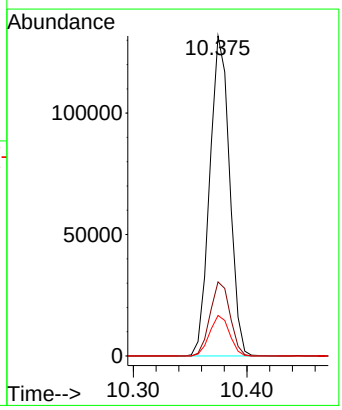


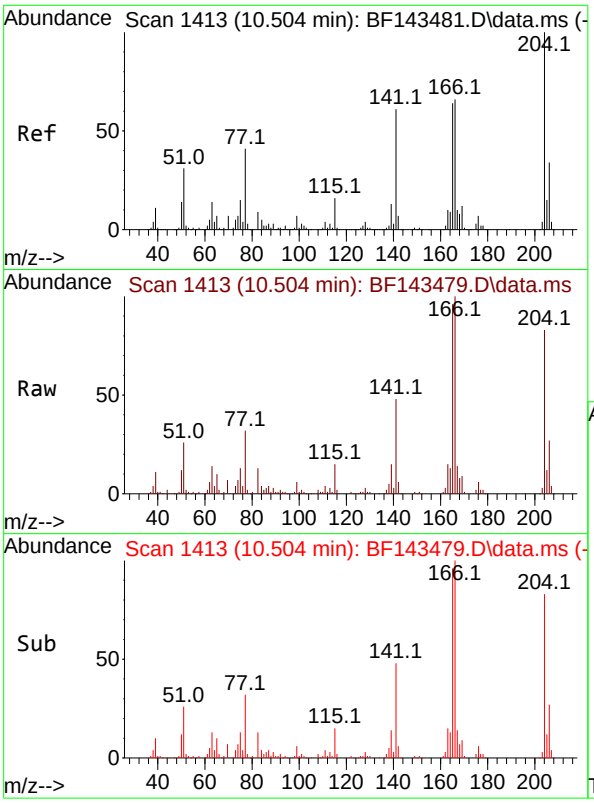


#60
Diethylphthalate
Concen: 10.156 ng
RT: 10.375 min Scan# 1391
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:149 Resp: 160006

Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.3	27.5
150	12.7	10.3	15.5



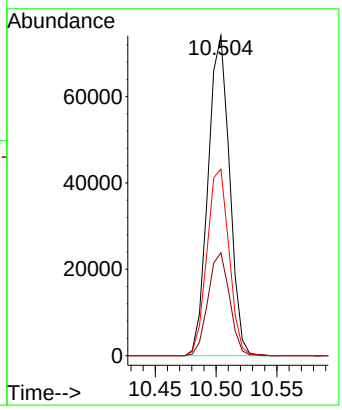


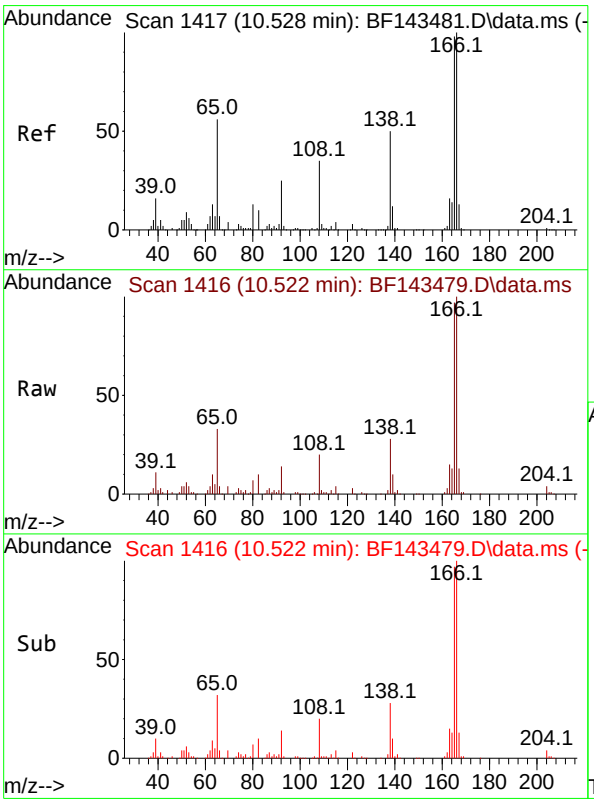
#61
4-Chlorophenyl-phenylether
Concen: 10.494 ng
RT: 10.504 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 90965

Ion	Ratio	Lower	Upper
204	100		
206	32.1	27.0	40.4
141	58.3	48.7	73.1

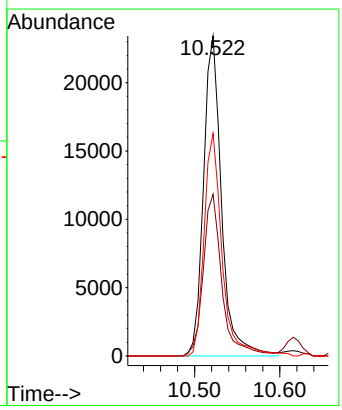


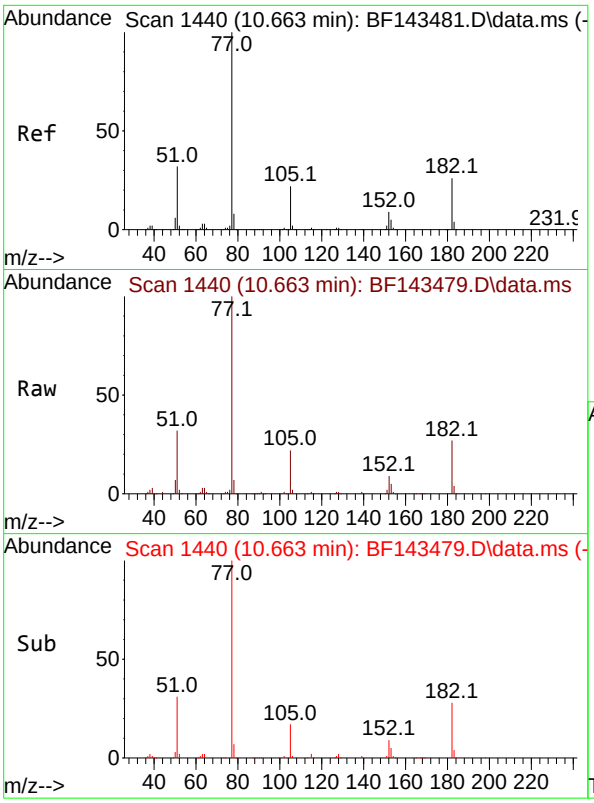


#62
4-Nitroaniline
Concen: 9.550 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.018 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:138 Resp: 34518

Ion	Ratio	Lower	Upper
138	100		
92	50.5	29.3	69.3
108	69.5	50.7	90.7



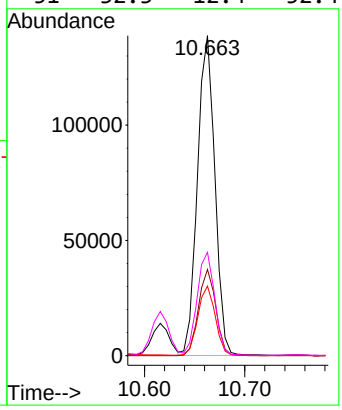


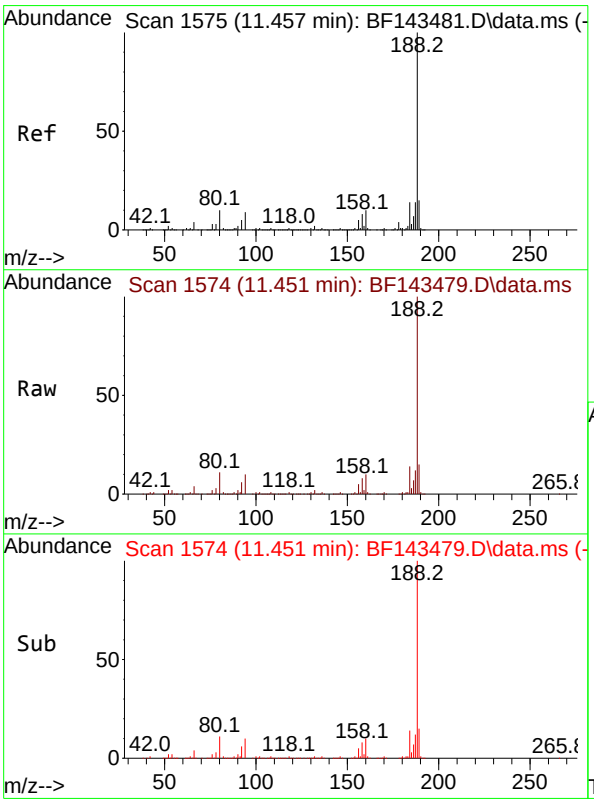
#63
Azobenzene
Concen: 10.307 ng
RT: 10.663 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 168373

Ion	Ratio	Lower	Upper
77	100		
182	26.9	6.2	46.2
105	21.8	2.2	42.2
51	32.3	12.4	52.4

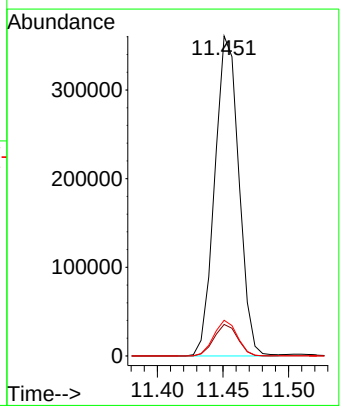


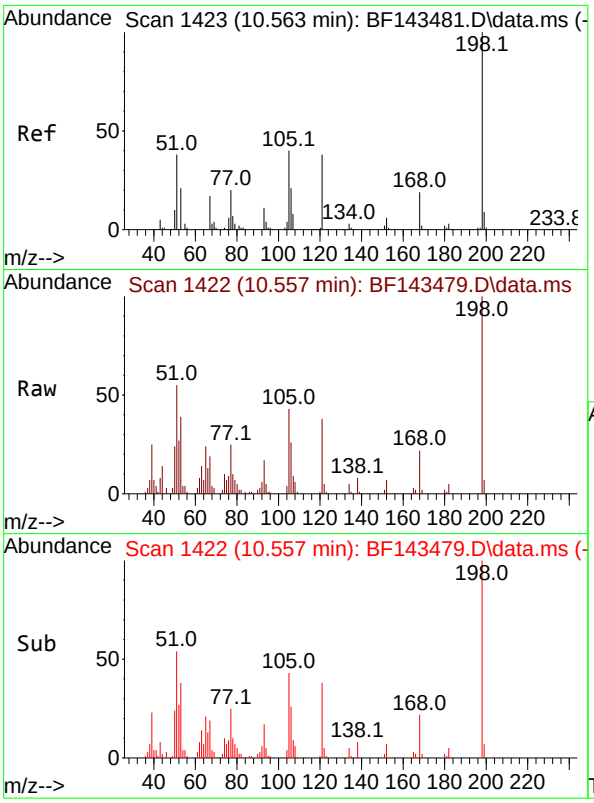


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:188 Resp: 461672

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.4	11.2
80	11.1	8.2	12.4



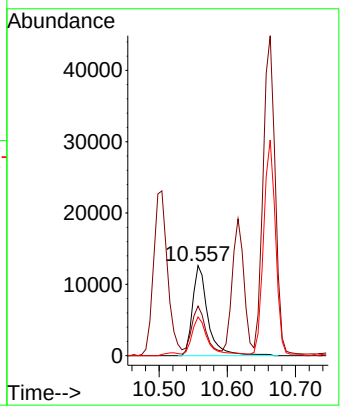


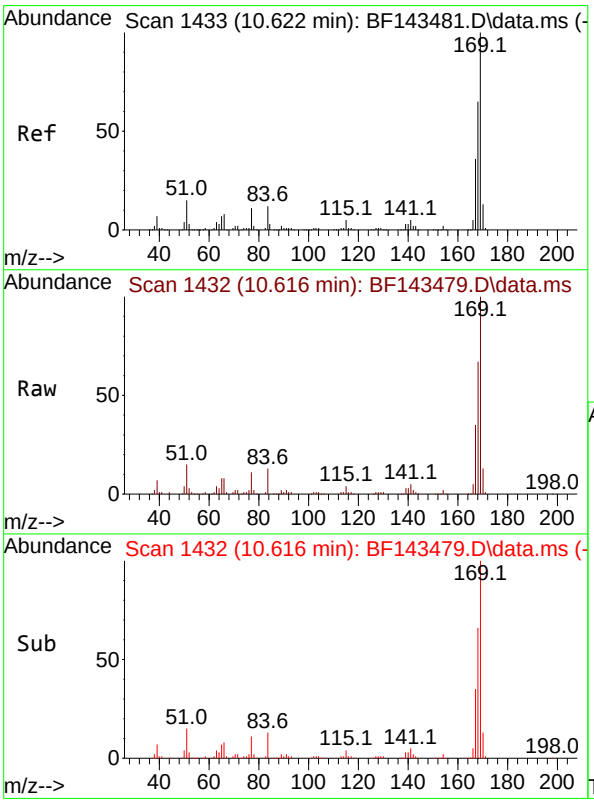
#65
4,6-Dinitro-2-methylphenol
Concen: 7.552 ng
RT: 10.557 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 19659

Ion	Ratio	Lower	Upper
198	100		
51	55.1	29.6	69.6
105	43.0	21.5	61.5

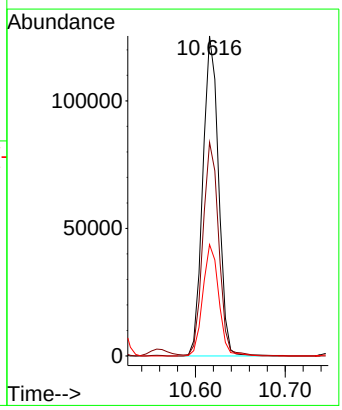


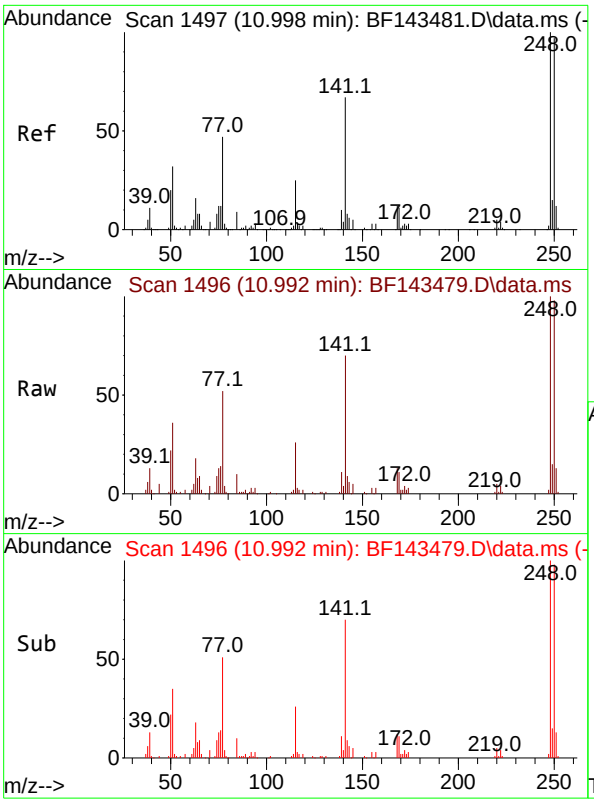


#66
n-Nitrosodiphenylamine
Concen: 10.271 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:169 Resp: 152607

Ion	Ratio	Lower	Upper
169	100		
168	66.7	52.4	78.6
167	34.8	28.9	43.3



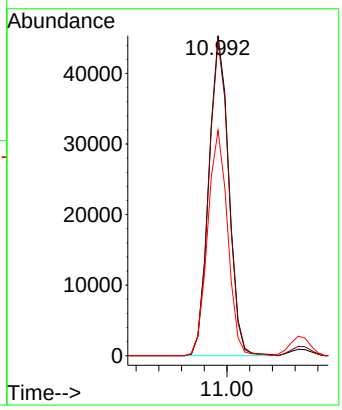


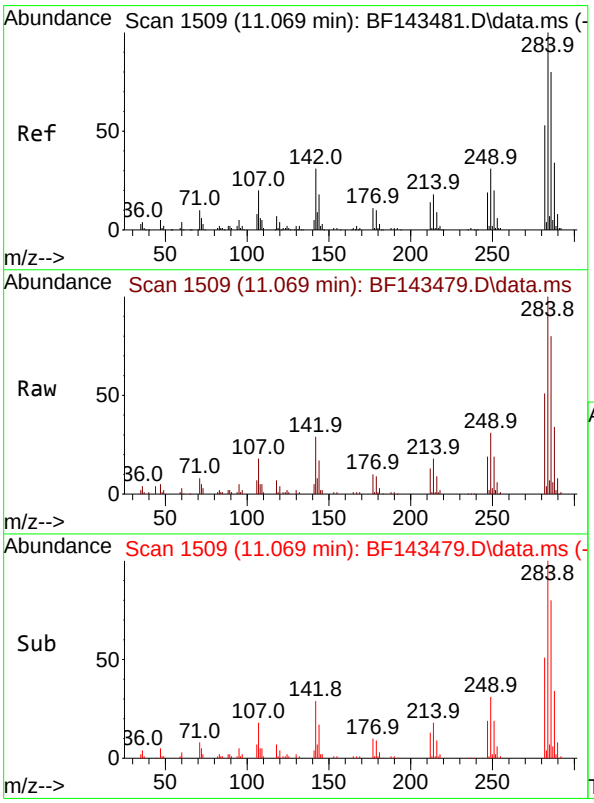
#67
4-Bromophenyl-phenylether
Concen: 10.043 ng
RT: 10.992 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 55324

Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.8	116.8
141	70.4	54.0	81.0

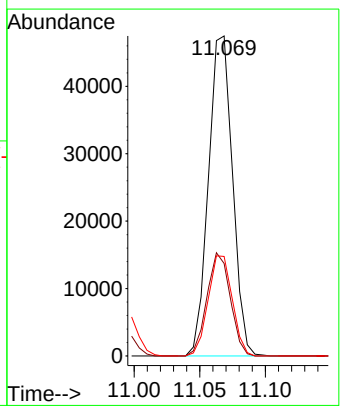


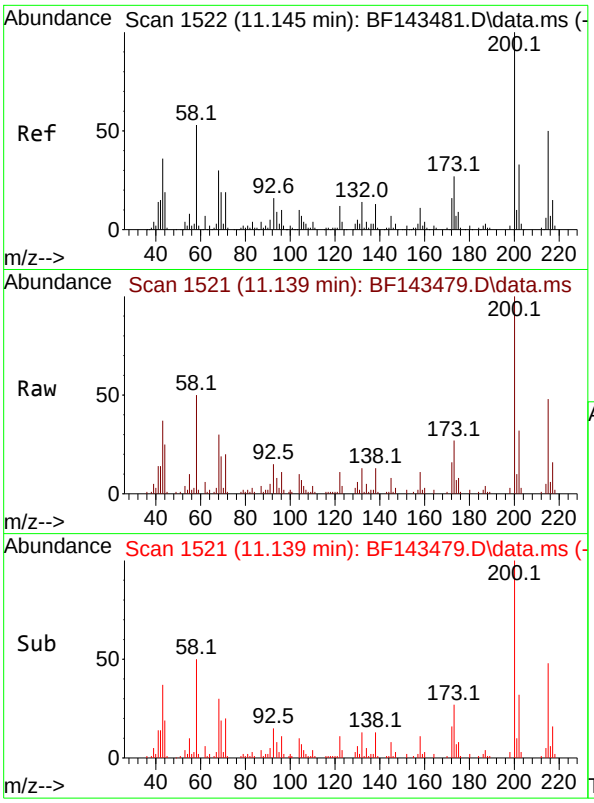


#68
Hexachlorobenzene
Concen: 10.202 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:284 Resp: 60577

Ion	Ratio	Lower	Upper
284	100		
142	28.9	24.4	36.6
249	31.1	25.0	37.6



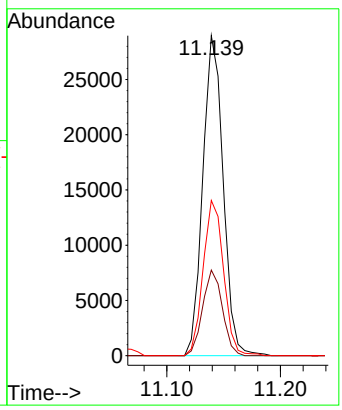


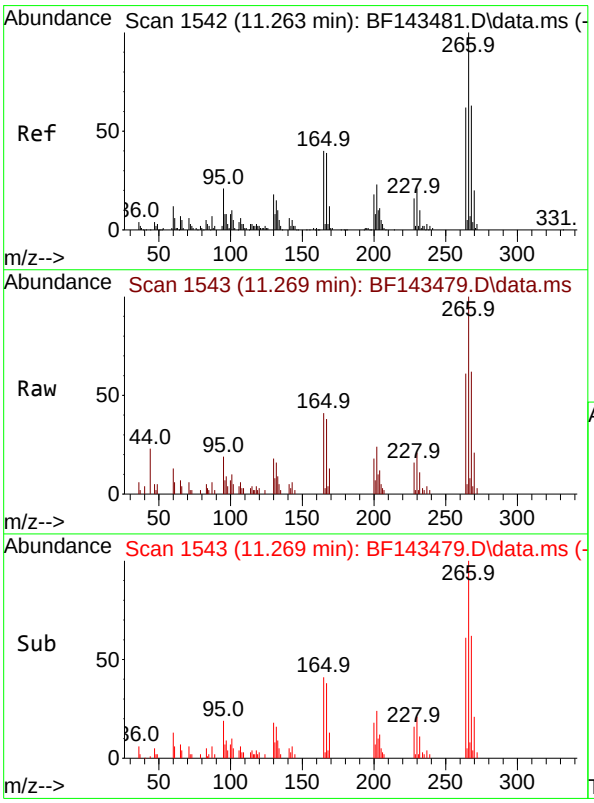
#69
Atrazine
Concen: 9.406 ng
RT: 11.139 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:200 Resp: 36074

Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.9	46.9
215	48.5	30.0	70.0

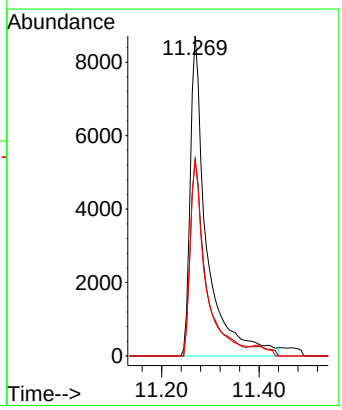


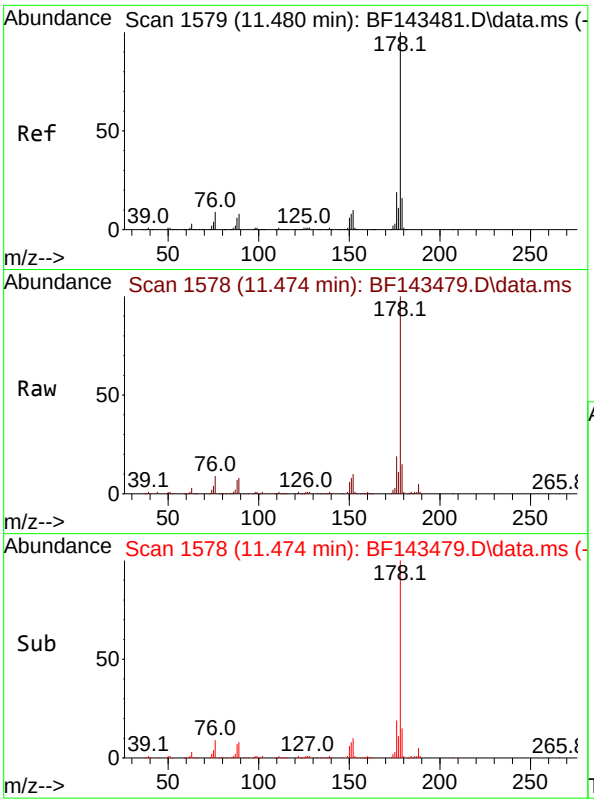


#70
Pentachlorophenol
Concen: 7.492 ng
RT: 11.269 min Scan# 1543
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:266 Resp: 20373

Ion	Ratio	Lower	Upper
266	100		
268	61.6	50.5	75.7
264	60.9	49.8	74.8



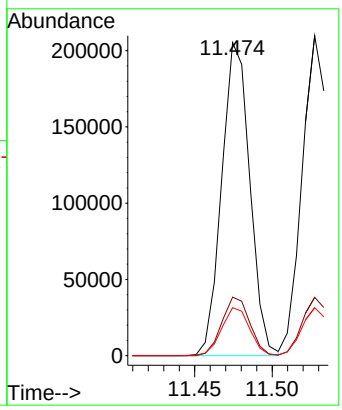


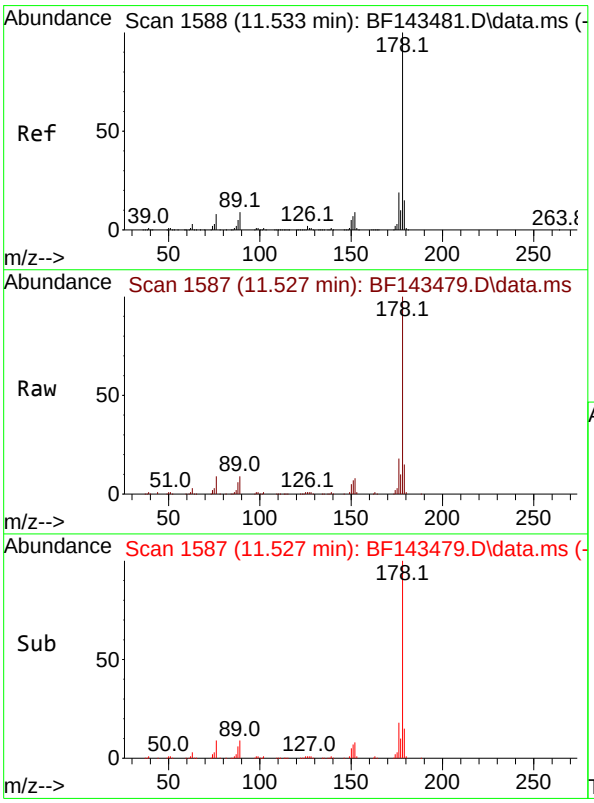
#71
Phenanthrene
Concen: 10.486 ng
RT: 11.474 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 259254

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	15.3	12.5	18.7

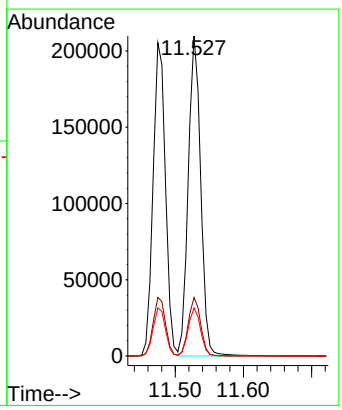


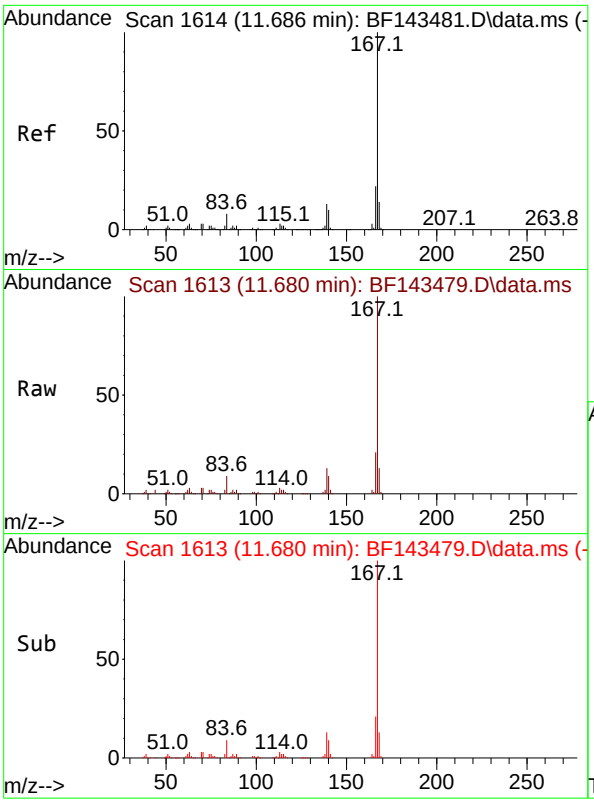


#72
Anthracene
Concen: 10.541 ng
RT: 11.527 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:178 Resp: 263998

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	15.0	12.3	18.5



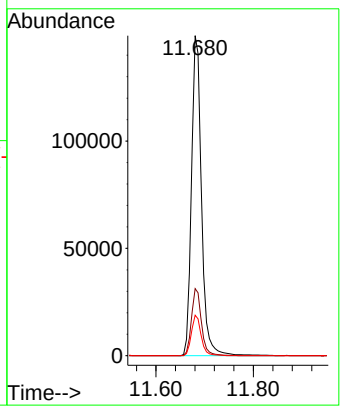


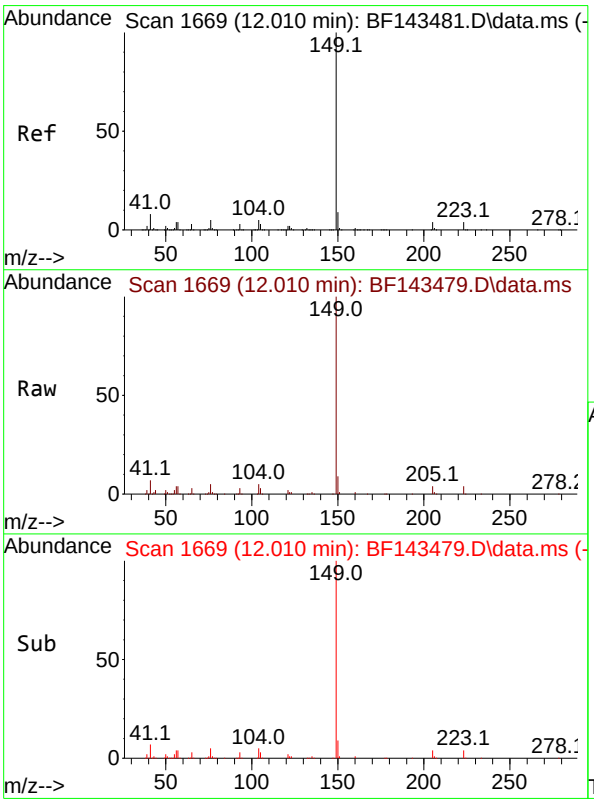
#73
Carbazole
Concen: 10.400 ng
RT: 11.680 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:167 Resp: 213439

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.3	25.9
139	12.6	10.0	15.0

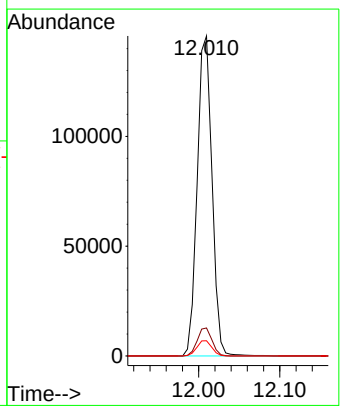


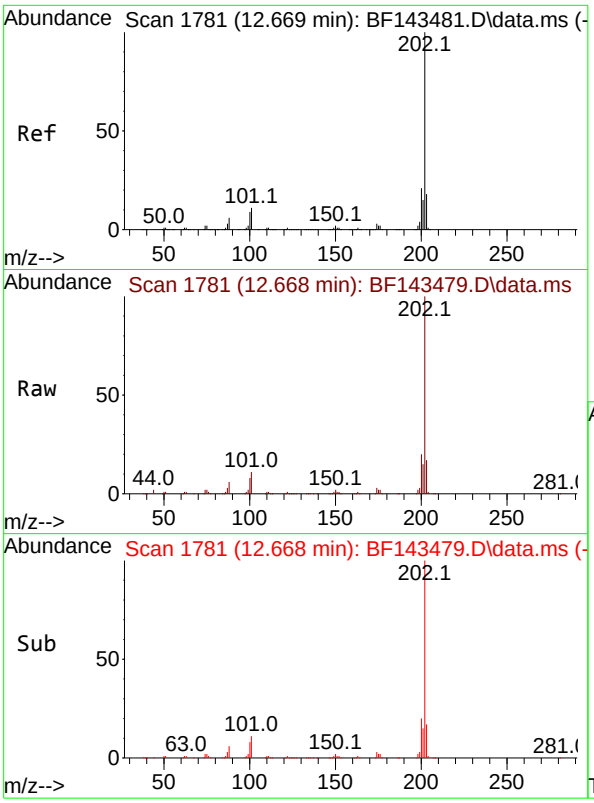


#74
Di-n-butylphthalate
Concen: 9.642 ng
RT: 12.010 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:149 Resp: 184596

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.2	10.8
104	4.8	3.6	5.4



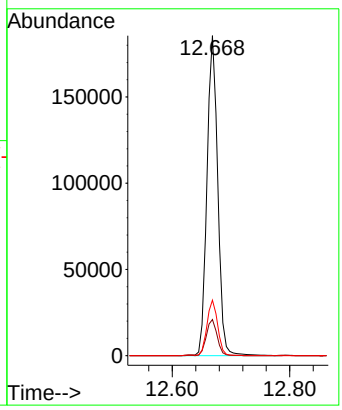


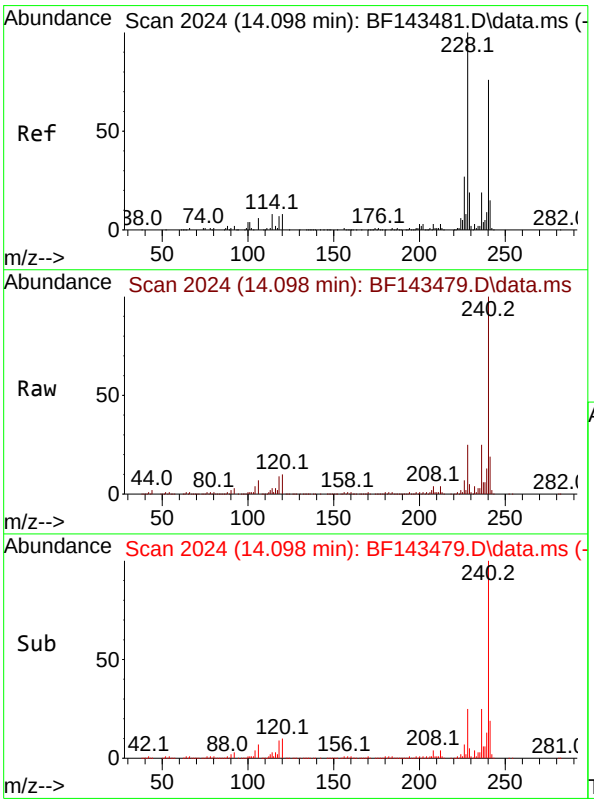
#75
Fluoranthene
Concen: 10.618 ng
RT: 12.668 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 235543

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.3
203	17.4	0.0	37.9

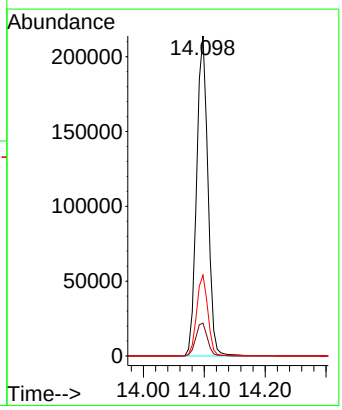


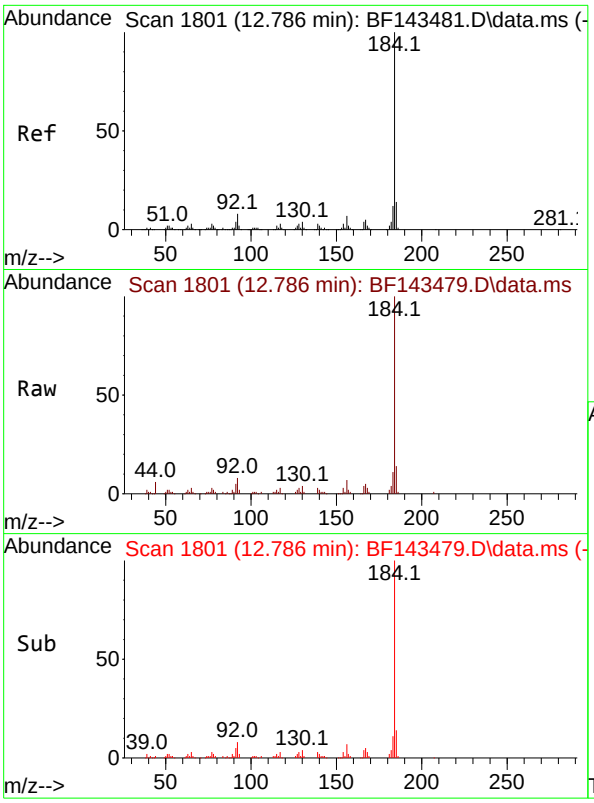


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:240 Resp: 274933

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.6	12.8
236	25.2	20.4	30.6



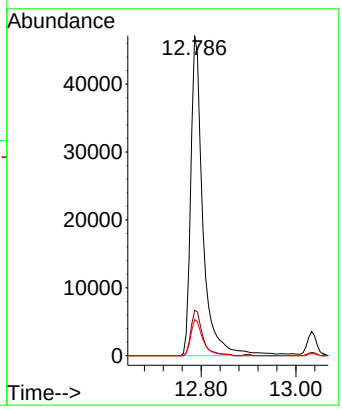


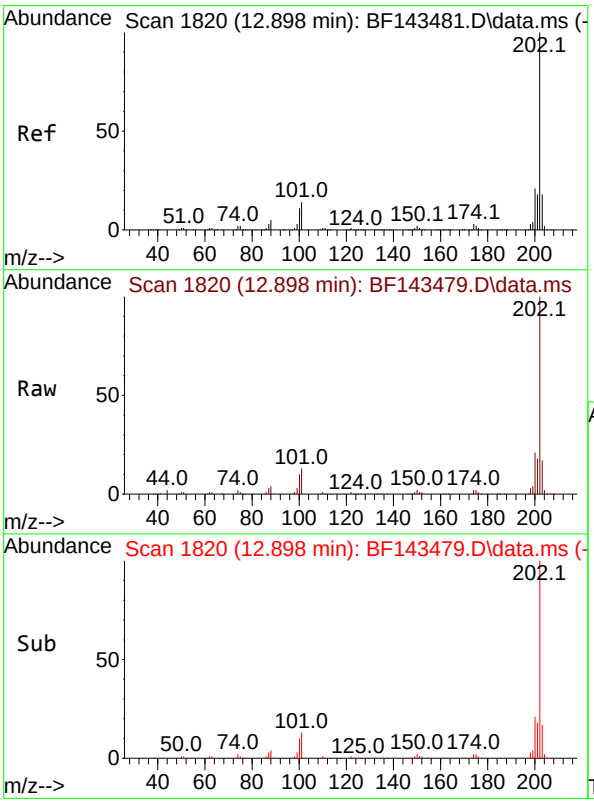
#77
Benzidine
Concen: 12.549 ng
RT: 12.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 84040

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.3	16.9
183	11.3	9.5	14.3

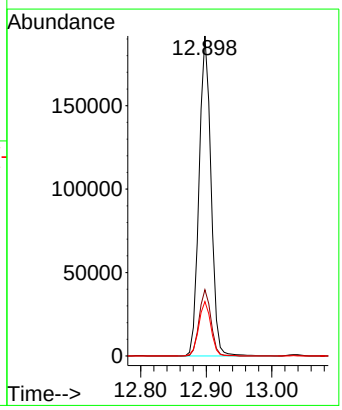


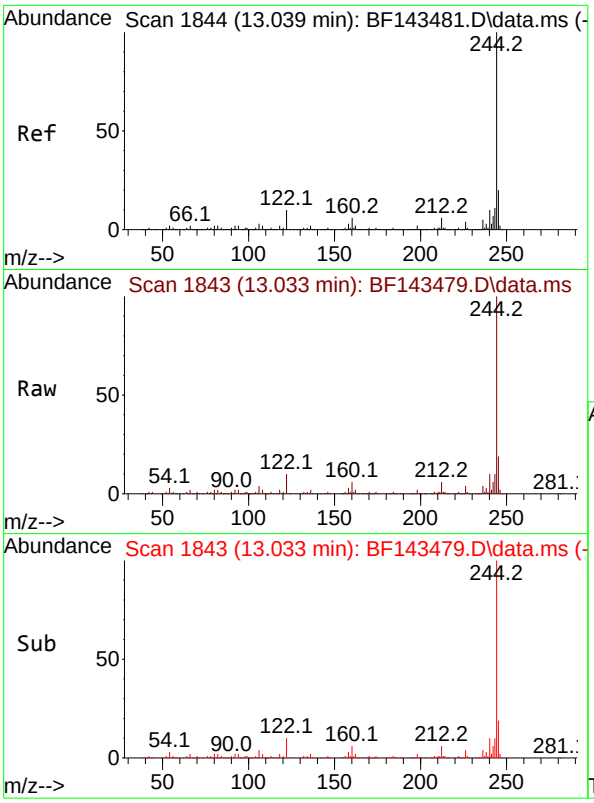


#78
Pyrene
Concen: 10.747 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:202 Resp: 243049

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.0	25.4
203	17.0	14.3	21.5



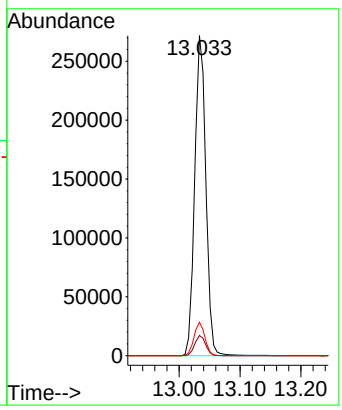


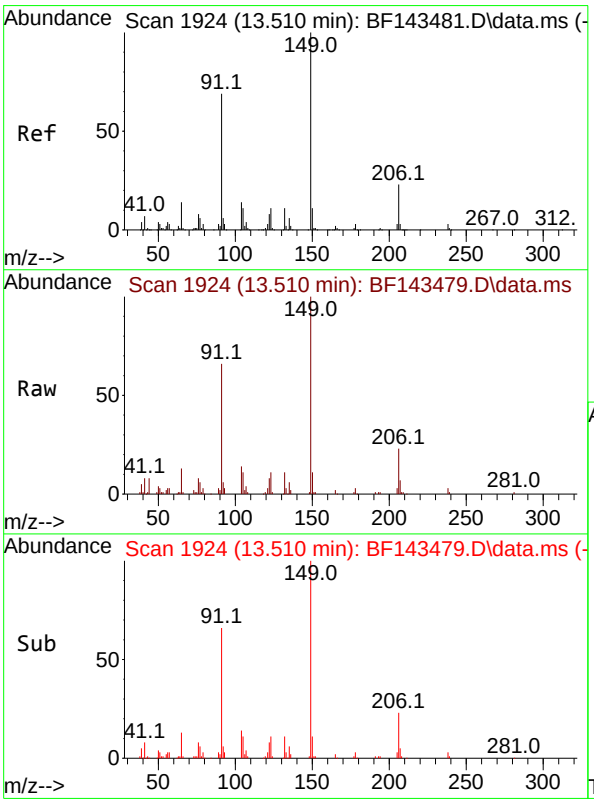
#79
Terphenyl-d14
Concen: 21.893 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 344924

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.2	7.8
122	10.4	7.9	11.9

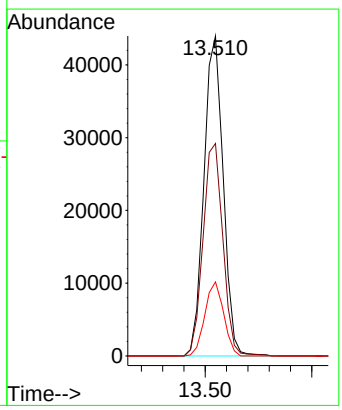


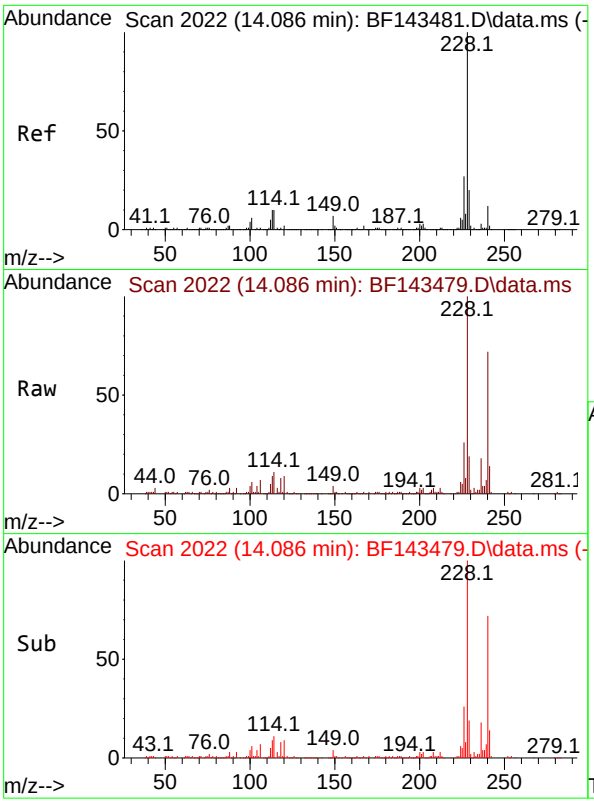


#80
Butylbenzylphthalate
Concen: 8.939 ng
RT: 13.510 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:149 Resp: 55227

Ion	Ratio	Lower	Upper
149	100		
91	66.4	55.3	82.9
206	23.1	18.2	27.4



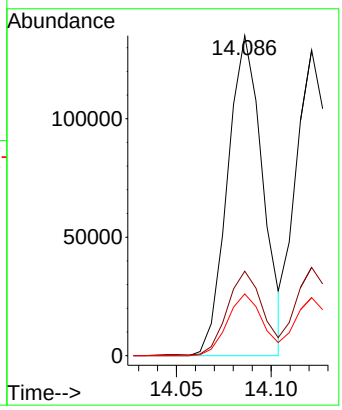


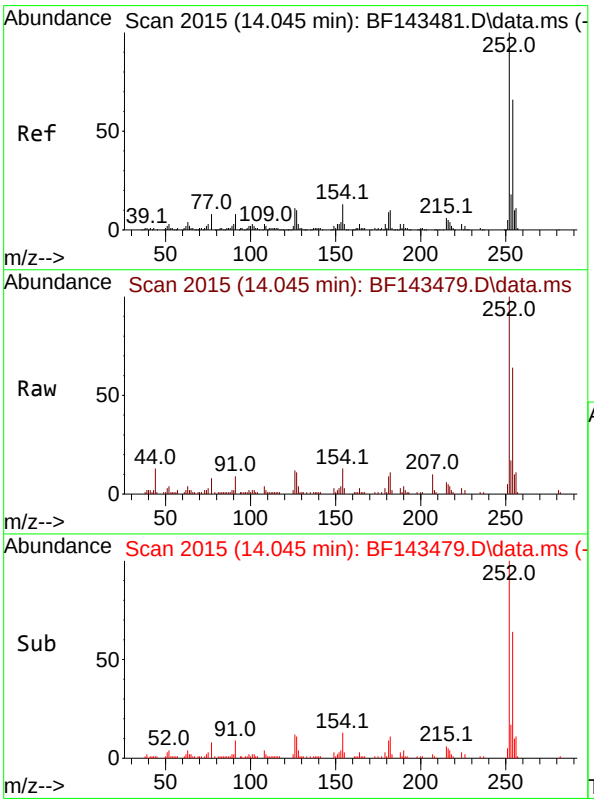
#81
Benzo(a)anthracene
Concen: 9.898 ng
RT: 14.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 175192

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.7	32.5
229	19.3	15.7	23.5

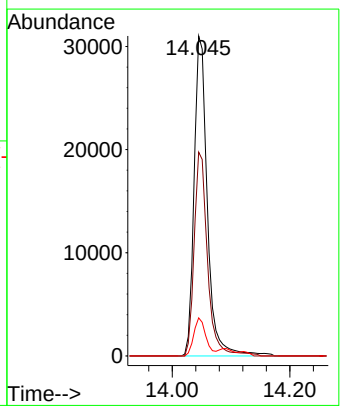


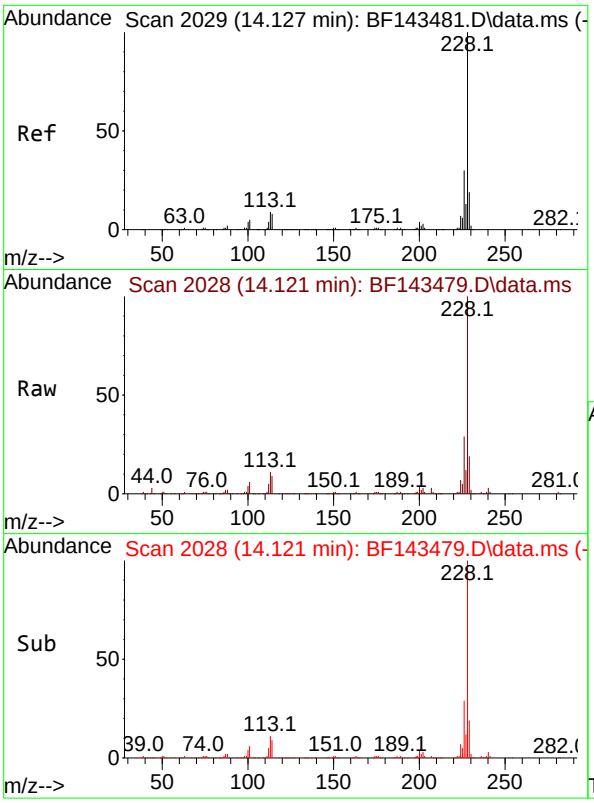


#82
3,3'-Dichlorobenzidine
Concen: 9.566 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:252 Resp: 48491

Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.6	79.0
126	11.9	8.7	13.1



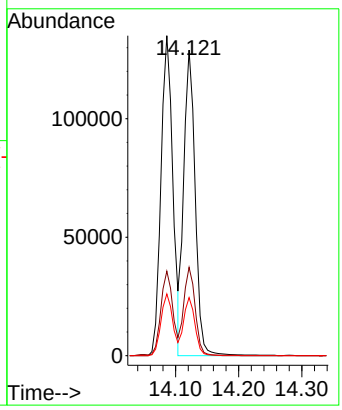


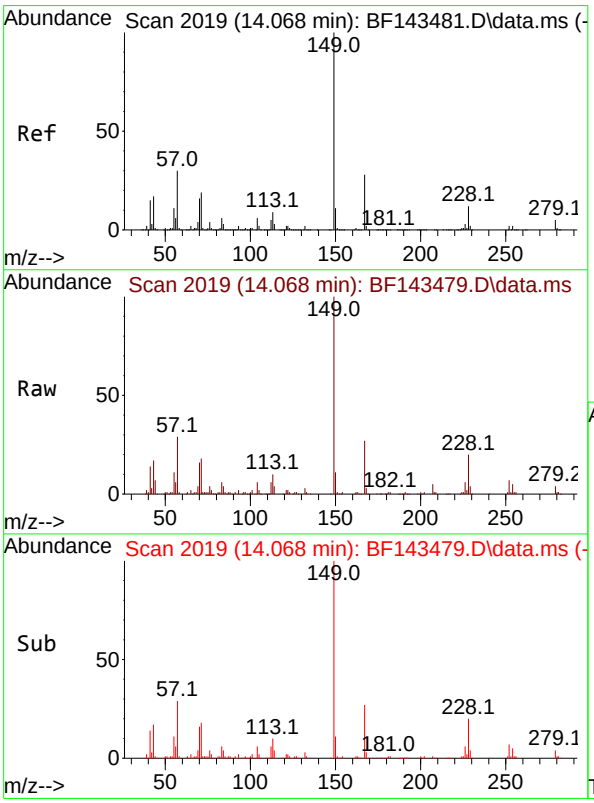
#83
Chrysene
Concen: 10.323 ng
RT: 14.121 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 164205

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.7	35.5
229	19.0	15.7	23.5

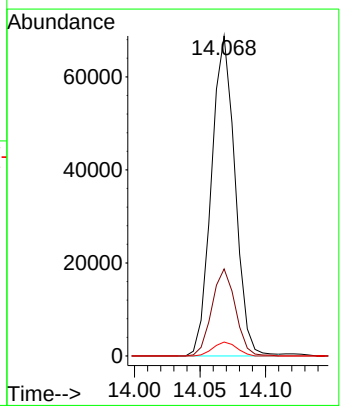


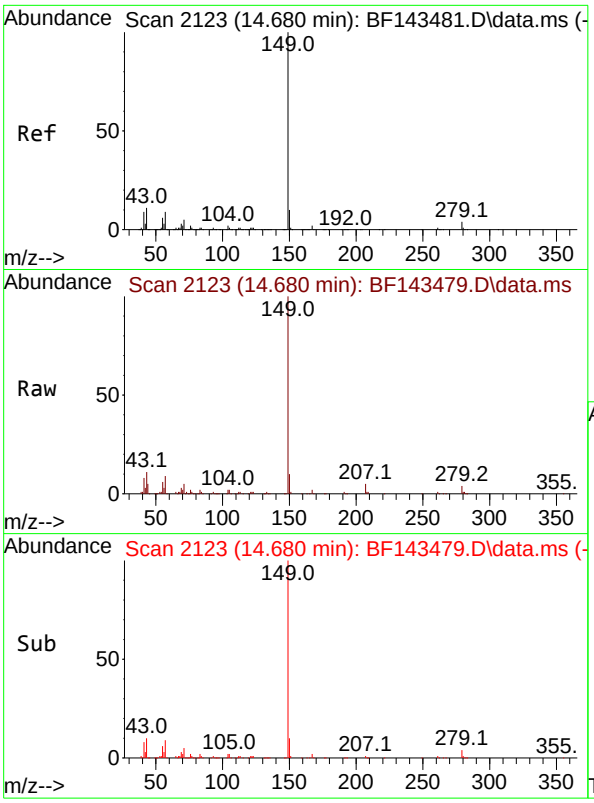


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.146 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:149 Resp: 86065

Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.2	33.2
279	4.4	3.6	5.4



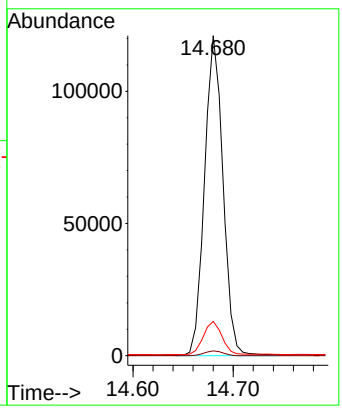


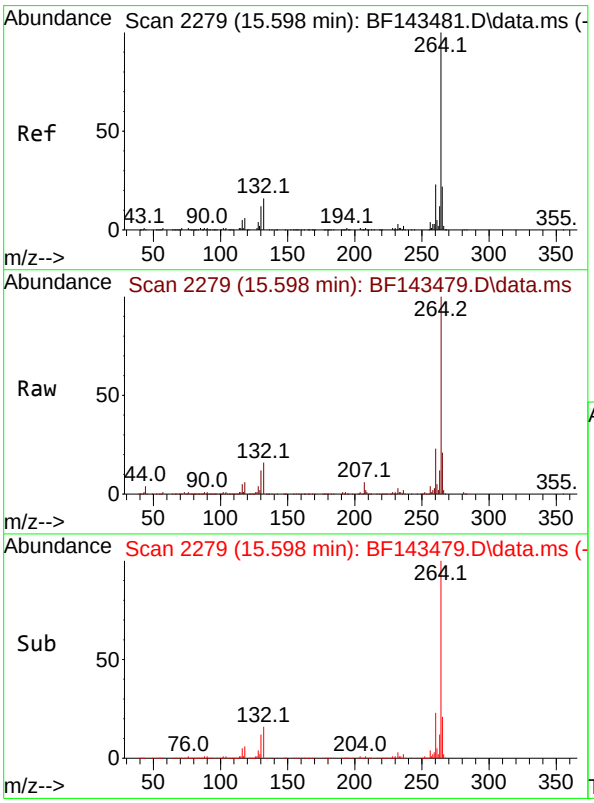
#85
Di-n-octyl phthalate
Concen: 8.906 ng
RT: 14.680 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 155239

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.5	8.5	12.7

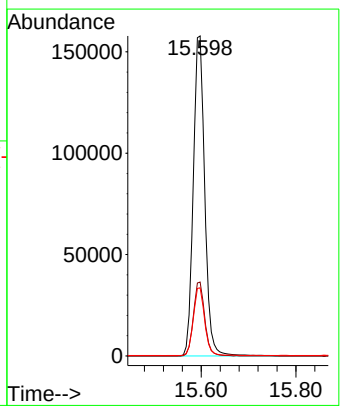


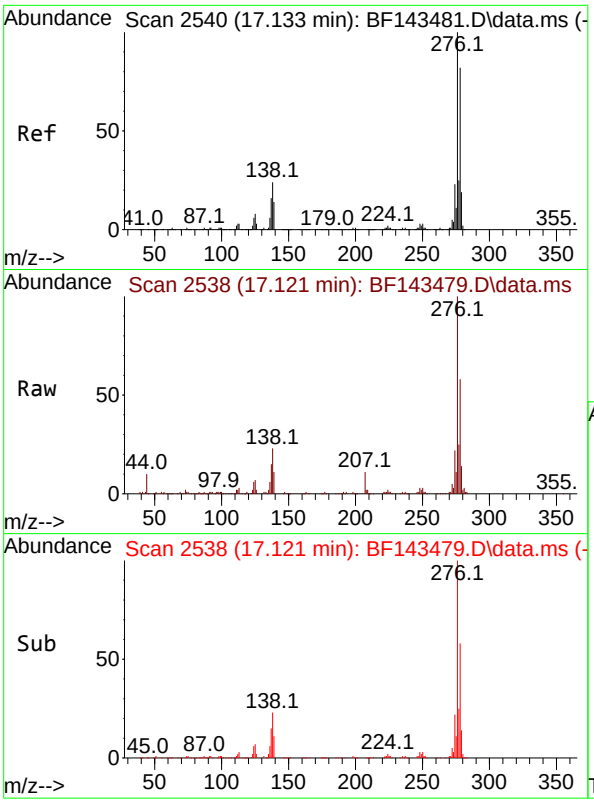


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:264 Resp: 265385

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.3	17.6	26.4



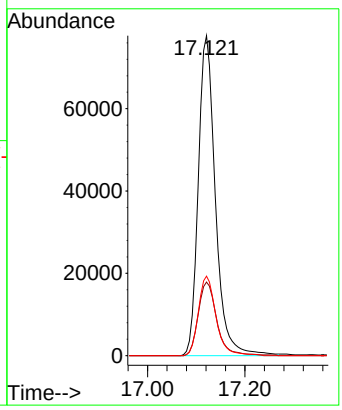


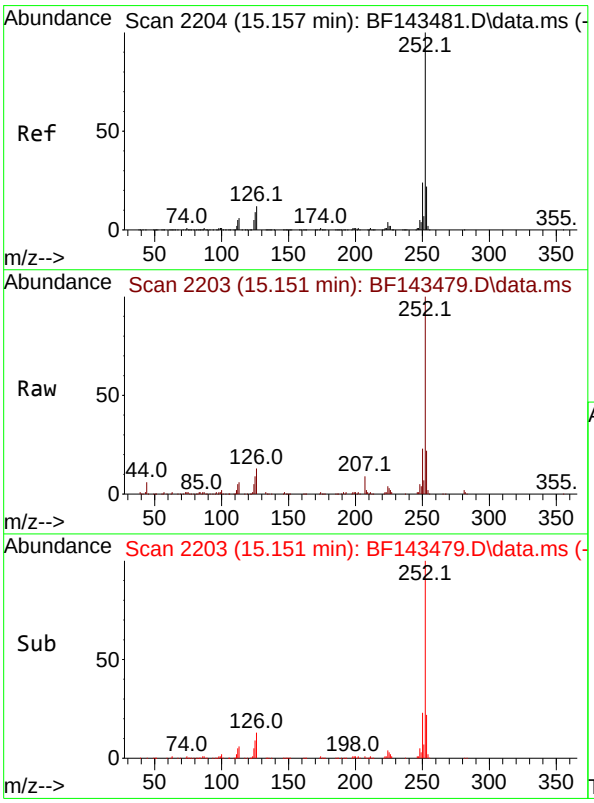
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.970 ng
RT: 17.121 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 190133

Ion	Ratio	Lower	Upper
276	100		
138	25.0	19.2	28.8
277	25.5	20.3	30.5

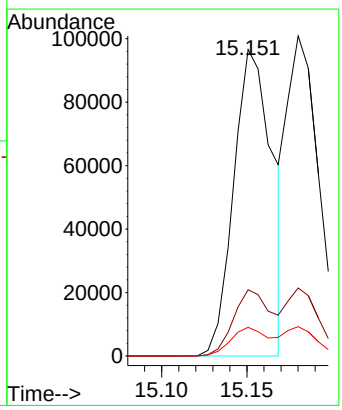


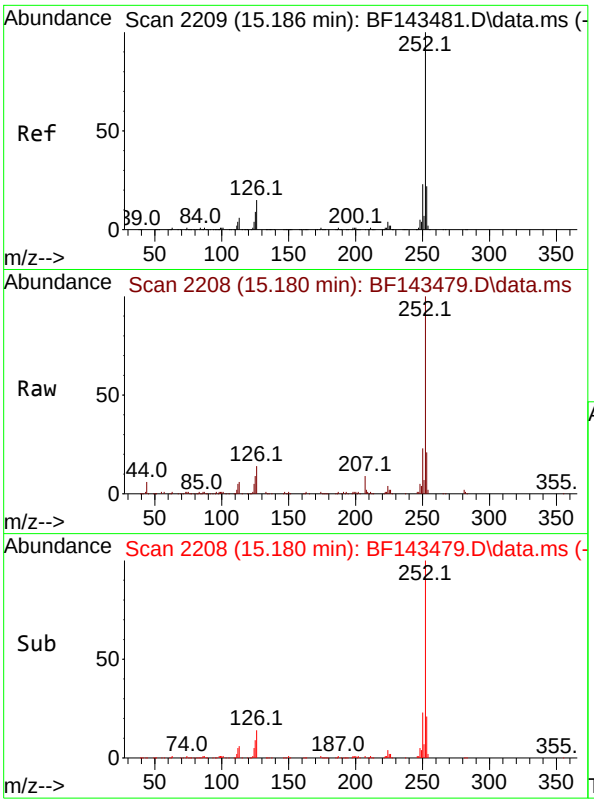


#88
Benzo(b)fluoranthene
Concen: 10.314 ng
RT: 15.151 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:252 Resp: 152145

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	9.4	7.4	11.0



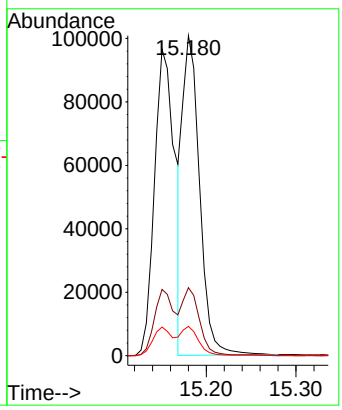


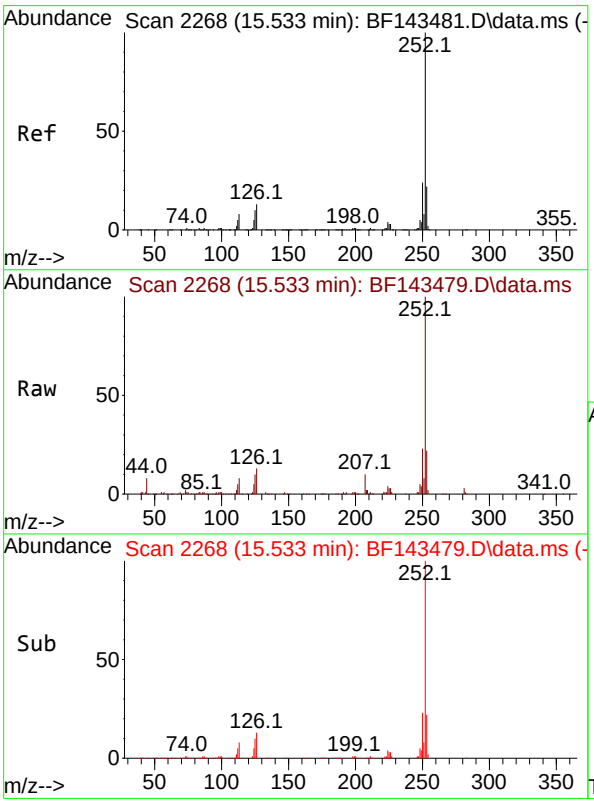
#89
Benzo(k)fluoranthene
Concen: 9.524 ng
RT: 15.180 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 134513

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.2
125	9.2	7.4	11.0

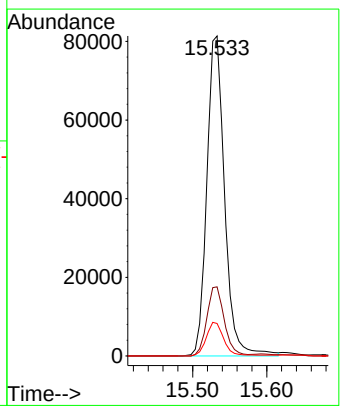


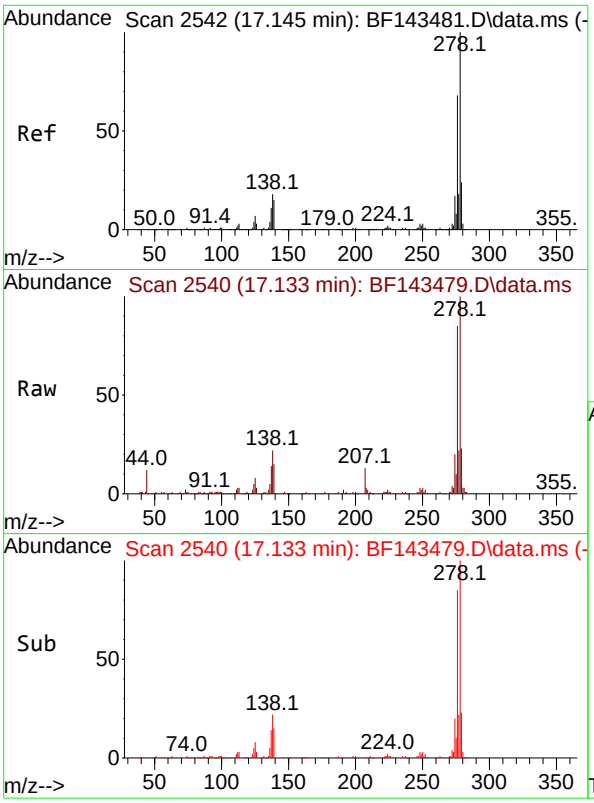


#90
Benzo(a)pyrene
Concen: 9.898 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:252 Resp: 135536

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	10.1	8.2	12.2



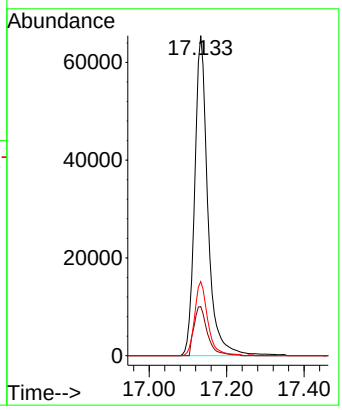


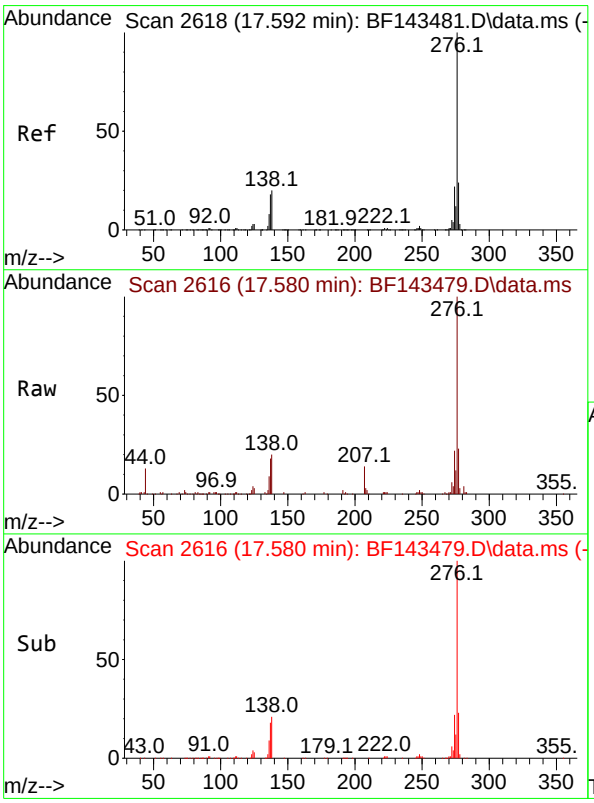
#91
Dibenzo(a,h)anthracene
Concen: 10.113 ng
RT: 17.133 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 154454

Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.1	18.1
279	23.1	19.2	28.8

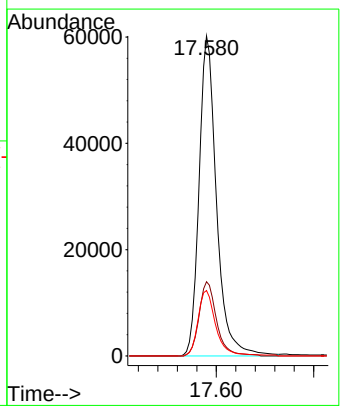




#92
Benzo(g,h,i)perylene
Concen: 9.865 ng
RT: 17.580 min Scan# 2616
Delta R.T. -0.024 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:276 Resp: 149813

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.9	28.3
138	20.5	16.3	24.5



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143480.D
Acq On : 20 Aug 2025 12:23
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Aug 20 16:23:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	135122	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	502602	20.000	ng		0.00
39) Acenaphthene-d10	9.963	164	273375	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	425626	20.000	ng		0.00
76) Chrysene-d12	14.098	240	241250	20.000	ng		0.00
86) Perylene-d12	15.598	264	255472	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.557	112	322546	41.682	ng		0.00
7) Phenol-d6	6.557	99	397415	41.604	ng		-0.02
23) Nitrobenzene-d5	7.487	82	358365	41.608	ng		-0.01
42) 2,4,6-Tribromophenol	10.757	330	106021	41.663	ng		0.00
45) 2-Fluorobiphenyl	9.281	172	723237	43.723	ng		0.00
79) Terphenyl-d14	13.033	244	601957	43.541	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	72831	20.317	ng		99
3) Pyridine	3.528	79	193877	20.306	ng		100
4) n-Nitrosodimethylamine	3.452	42	83662	19.492	ng		97
6) Aniline	6.587	93	264694	20.731	ng		99
8) 2-Chlorophenol	6.716	128	175887	20.579	ng		99
9) Benzaldehyde	6.475	77	132575	17.142	ng		100
10) Phenol	6.575	94	233093	21.182	ng		91
11) bis(2-Chloroethyl)ether	6.657	93	166906	20.296	ng		99
12) 1,3-Dichlorobenzene	6.869	146	198141	20.633	ng		99
13) 1,4-Dichlorobenzene	6.945	146	200428	20.806	ng		99
14) 1,2-Dichlorobenzene	7.098	146	187297	20.536	ng		100
15) Benzyl Alcohol	7.063	79	143623	20.082	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.192	45	277424	21.087	ng		96
17) 2-Methylphenol	7.181	107	142643	20.794	ng		95
18) Hexachloroethane	7.439	117	67887	20.727	ng		98
19) n-Nitroso-di-n-propyla...	7.328	70	118831	20.353	ng		97
20) 3+4-Methylphenols	7.334	107	178398	21.785	ng		98
22) Acetophenone	7.328	105	230609	21.238	ng	#	99
24) Nitrobenzene	7.504	77	183817	20.736	ng		99
25) Isophorone	7.745	82	323869	20.513	ng		98
26) 2-Nitrophenol	7.822	139	88771	20.444	ng		98
27) 2,4-Dimethylphenol	7.863	122	141452	20.897	ng		99
28) bis(2-Chloroethoxy)met...	7.951	93	201584	20.776	ng		99
29) 2,4-Dichlorophenol	8.069	162	152215	21.055	ng		99
30) 1,2,4-Trichlorobenzene	8.151	180	157575	21.200	ng		99
31) Naphthalene	8.234	128	509408	21.111	ng		100
32) Benzoic acid	7.963	122	58396	19.199	ng		98
33) 4-Chloroaniline	8.275	127	181928	21.243	ng		99
34) Hexachlorobutadiene	8.351	225	100875	20.802	ng		99
35) Caprolactam	8.628	113	33991	19.594	ng		99
36) 4-Chloro-3-methylphenol	8.757	107	152197	21.008	ng		98
37) 2-Methylnaphthalene	8.922	142	343900	21.339	ng		99
38) 1-Methylnaphthalene	9.022	142	326683	21.191	ng		100
40) 1,2,4,5-Tetrachloroben...	9.092	216	167691	21.445	ng		100
41) Hexachlorocyclopentadiene	9.081	237	41723	19.072	ng		100
43) 2,4,6-Trichlorophenol	9.204	196	99517	20.683	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143480.D
Acq On : 20 Aug 2025 12:23
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Aug 20 16:23:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	112939	21.488	ng	97
46) 1,1'-Biphenyl	9.386	154	415294	21.403	ng	99
47) 2-Chloronaphthalene	9.410	162	320277	21.037	ng	99
48) 2-Nitroaniline	9.504	65	92468	20.753	ng	98
49) Acenaphthylene	9.828	152	461236	21.158	ng	100
50) Dimethylphthalate	9.675	163	342268	20.788	ng	100
51) 2,6-Dinitrotoluene	9.739	165	70716	20.723	ng	98
52) Acenaphthene	9.998	154	310782	20.998	ng	100
53) 3-Nitroaniline	9.910	138	76663	20.791	ng	97
54) 2,4-Dinitrophenol	10.028	184	26974	19.096	ng	94
55) Dibenzofuran	10.169	168	450207	21.335	ng	100
56) 4-Nitrophenol	10.086	139	40278	18.359	ng	99
57) 2,4-Dinitrotoluene	10.145	165	95333	20.923	ng	98
58) Fluorene	10.516	166	347075	21.370	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	81629	20.905	ng	99
60) Diethylphthalate	10.375	149	303476	20.558	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	171724	21.142	ng	98
62) 4-Nitroaniline	10.522	138	70583	20.840	ng	99
63) Azobenzene	10.663	77	321721	21.019	ng	99
65) 4,6-Dinitro-2-methylph...	10.557	198	43824	18.261	ng	93
66) n-Nitrosodiphenylamine	10.616	169	288871	21.089	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	106363	20.944	ng	97
68) Hexachlorobenzene	11.069	284	113714	20.773	ng	98
69) Atrazine	11.139	200	69831	19.750	ng	98
70) Pentachlorophenol	11.269	266	45302	18.070	ng	97
71) Phenanthrene	11.475	178	480915	21.099	ng	99
72) Anthracene	11.527	178	488675	21.164	ng	100
73) Carbazole	11.680	167	396704	20.967	ng	100
74) Di-n-butylphthalate	12.010	149	353228	20.013	ng	100
75) Fluoranthene	12.669	202	426351	20.846	ng	99
77) Benzidine	12.786	184	160347	27.286	ng	99
78) Pyrene	12.898	202	432575	21.798	ng	99
80) Butylbenzylphthalate	13.510	149	106788	19.698	ng	98
81) Benzo(a)anthracene	14.086	228	313687	20.196	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	93226	20.959	ng	98
83) Chrysene	14.121	228	292523	20.957	ng	99
84) Bis(2-ethylhexyl)phtha...	14.068	149	168717	20.434	ng	99
85) Di-n-octyl phthalate	14.680	149	310954	20.329	ng	99
87) Indeno(1,2,3-cd)pyrene	17.121	276	399711	21.773	ng	100
88) Benzo(b)fluoranthene	15.151	252	302016	21.268	ng	100
89) Benzo(k)fluoranthene	15.180	252	269685	19.835	ng	100
90) Benzo(a)pyrene	15.533	252	274418	20.819	ng	100
91) Dibenzo(a,h)anthracene	17.133	278	321851	21.891	ng	98
92) Benzo(g,h,i)perylene	17.580	276	317263	21.701	ng	99

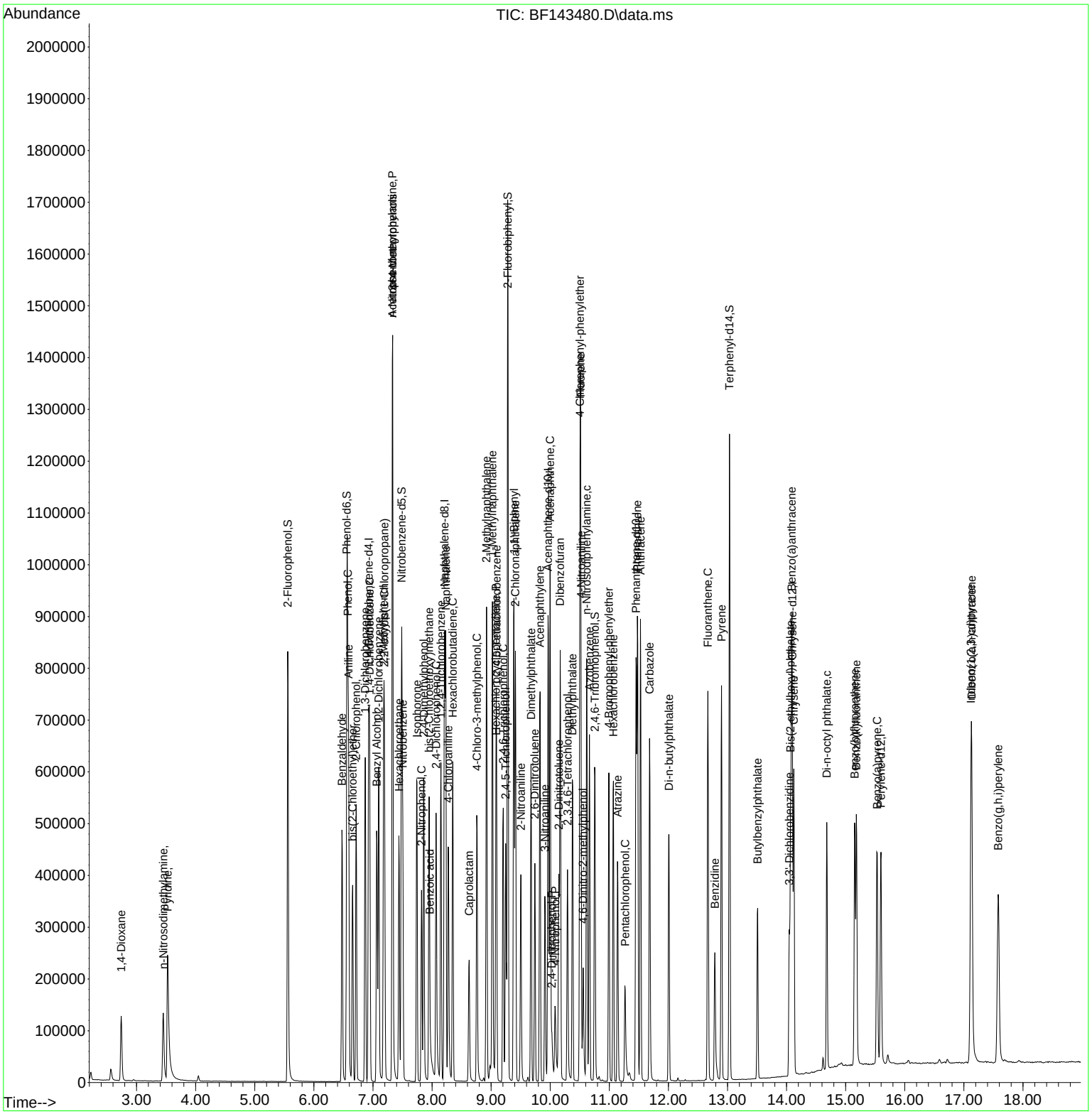
(#) = qualifier out of range (m) = manual integration (+) = signals summed

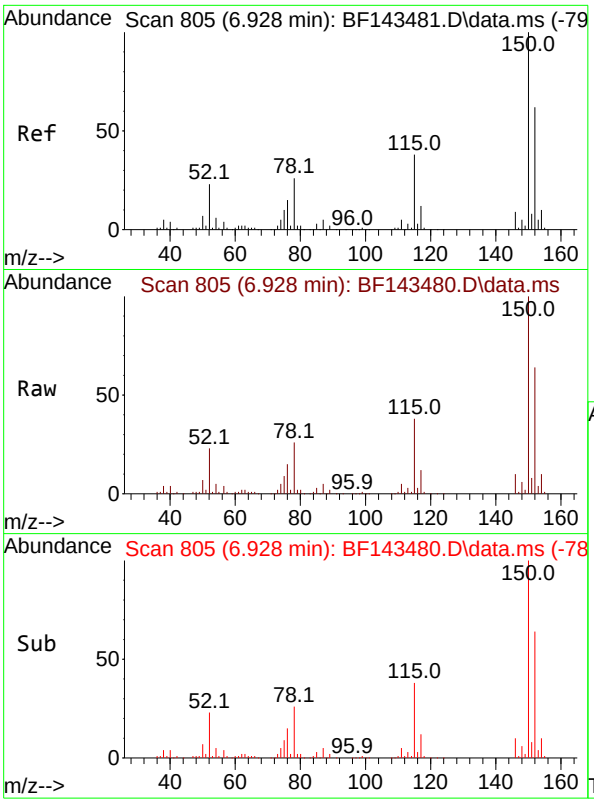
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143480.D
Acq On : 20 Aug 2025 12:23
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Aug 20 16:23:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration



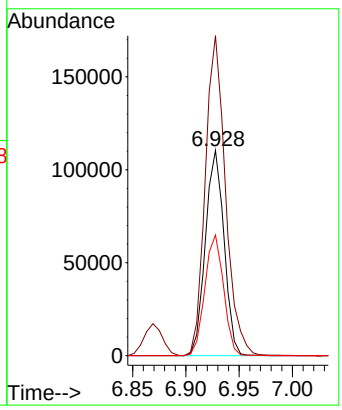


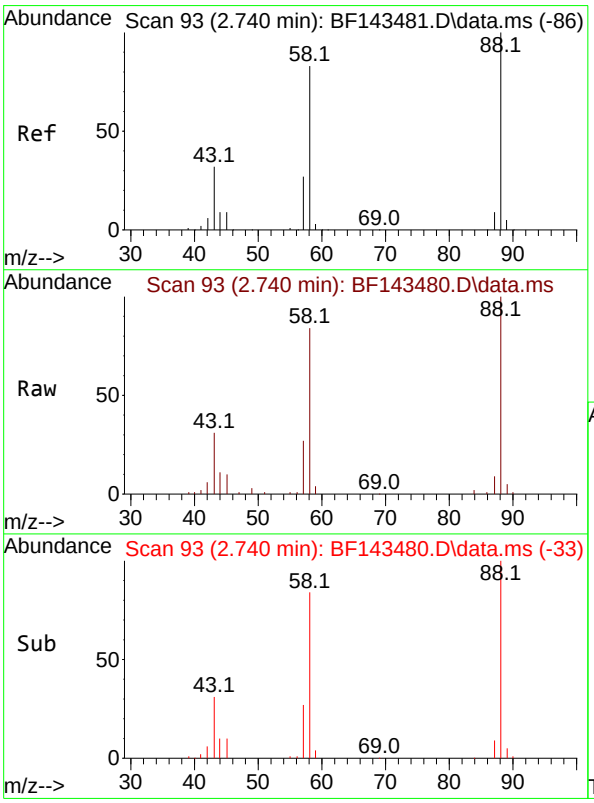
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 135122

Ion	Ratio	Lower	Upper
152	100		
150	155.9	128.9	193.3
115	58.8	49.2	73.8

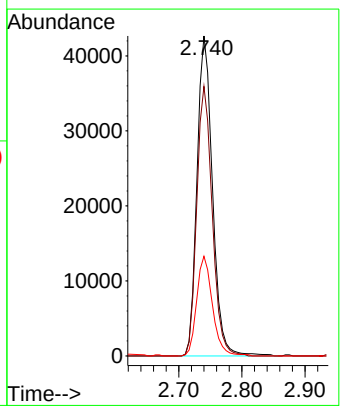


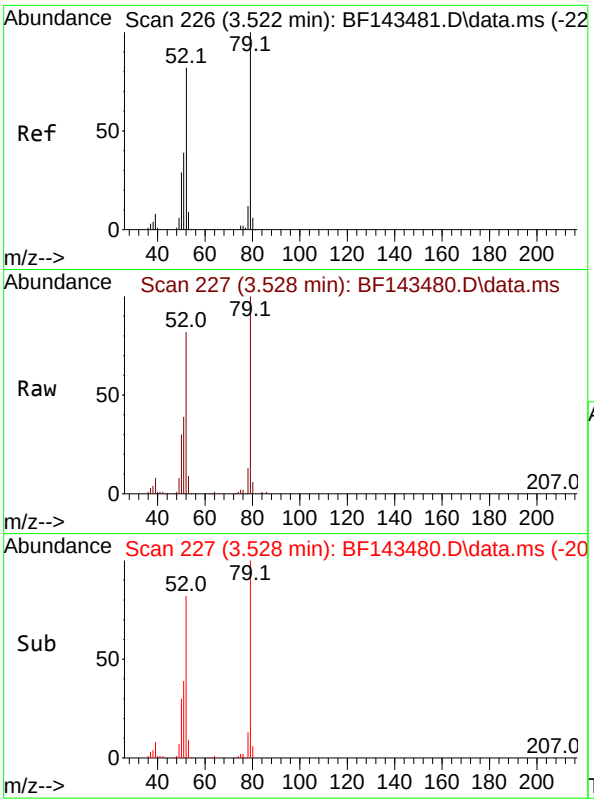


#2
1,4-Dioxane
Concen: 20.317 ng
RT: 2.740 min Scan# 93
Delta R.T. 0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion: 88 Resp: 72831

Ion	Ratio	Lower	Upper
88	100		
58	84.0	66.7	100.1
43	31.7	25.8	38.8



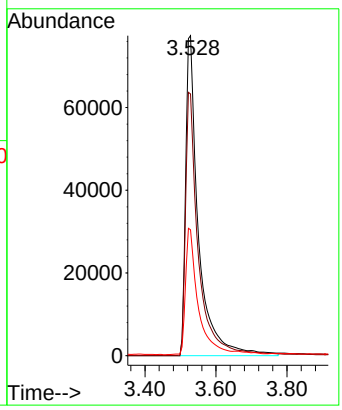


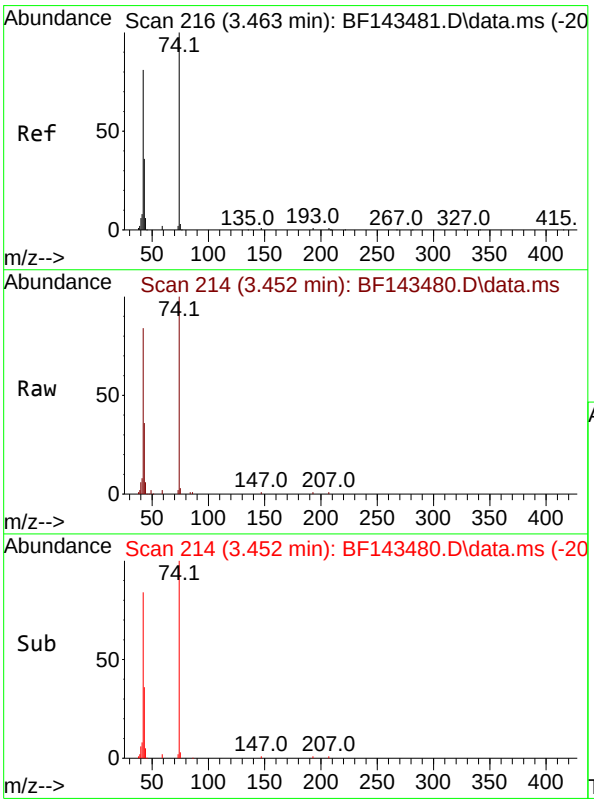
#3
Pyridine
Concen: 20.306 ng
RT: 3.528 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 193877

Ion	Ratio	Lower	Upper
79	100		
52	81.8	65.6	98.4
51	39.3	31.2	46.8

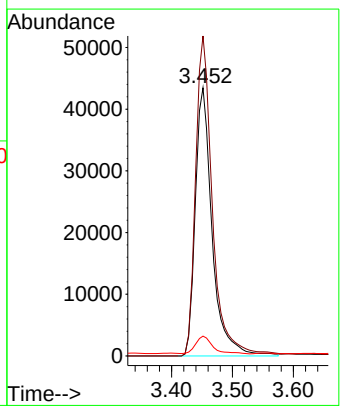


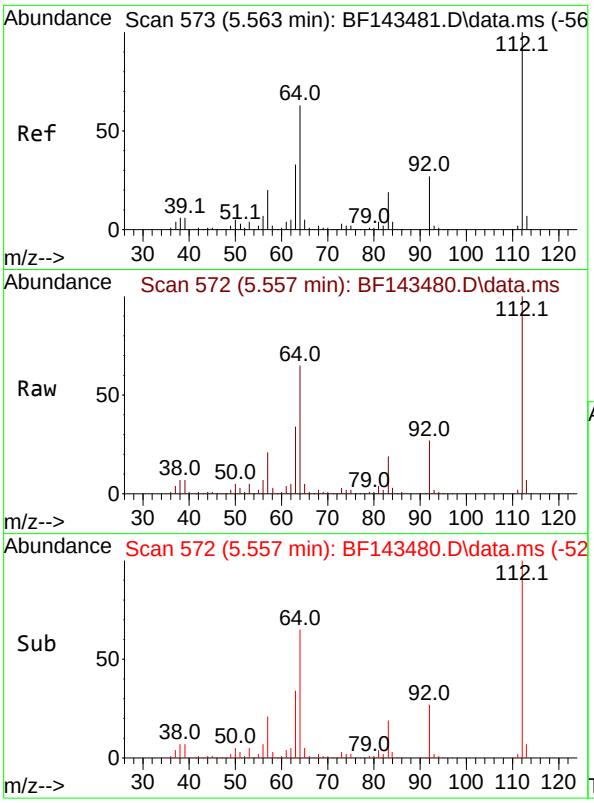


#4
n-Nitrosodimethylamine
Concen: 19.492 ng
RT: 3.452 min Scan# 214
Delta R.T. -0.024 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion: 42 Resp: 83662

Ion	Ratio	Lower	Upper
42	100		
74	119.3	98.6	148.0
44	7.4	5.8	8.8



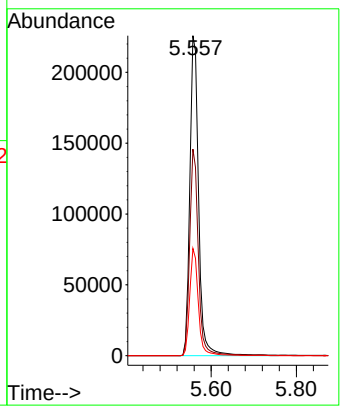


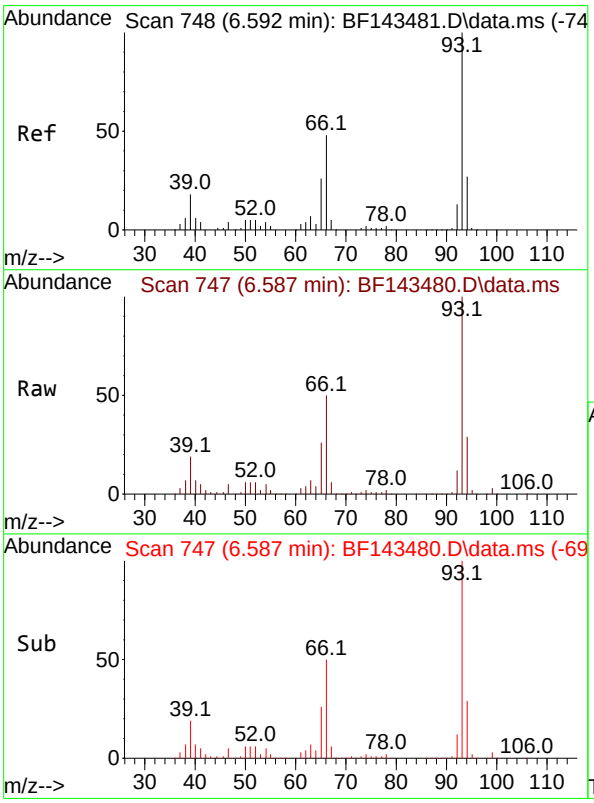
#5
2-Fluorophenol
Concen: 41.682 ng
RT: 5.557 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 322546

Ion	Ratio	Lower	Upper
112	100		
64	64.5	50.4	75.6
63	33.5	26.4	39.6

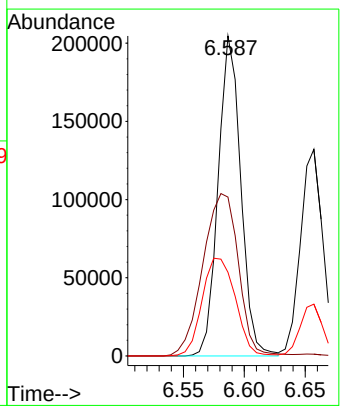


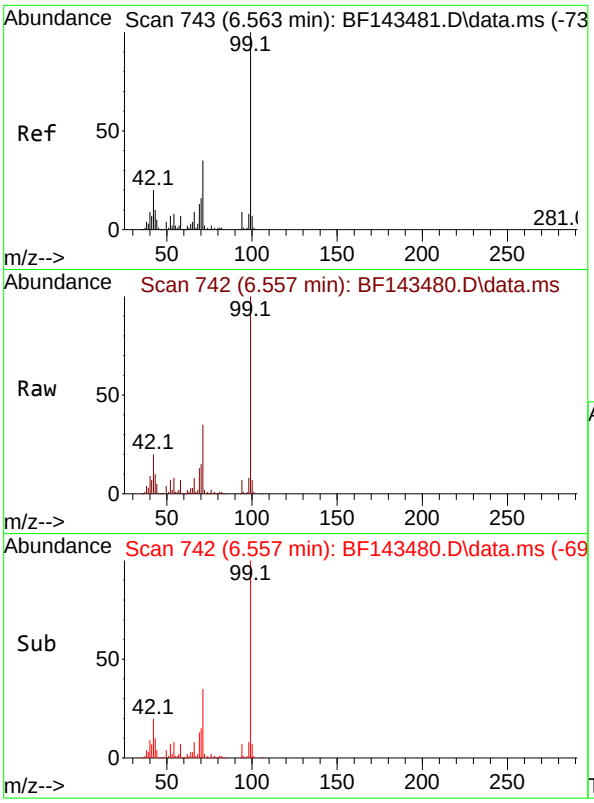


#6
Aniline
Concen: 20.731 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion: 93 Resp: 264694

Ion	Ratio	Lower	Upper
93	100		
66	49.7	38.9	58.3
65	26.2	20.6	30.8



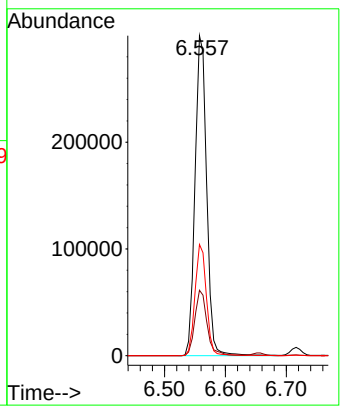


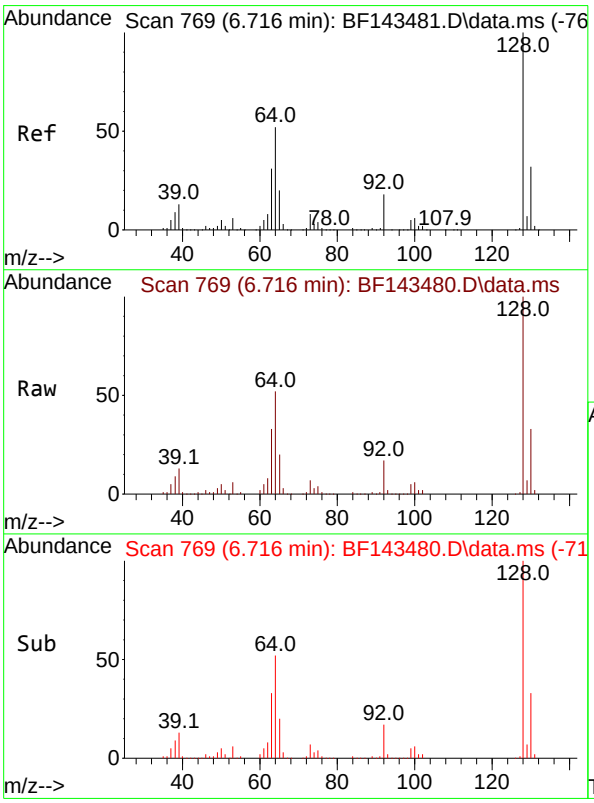
#7
Phenol-d6
Concen: 41.604 ng
RT: 6.557 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 397415

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.3	24.5
71	34.7	28.2	42.2

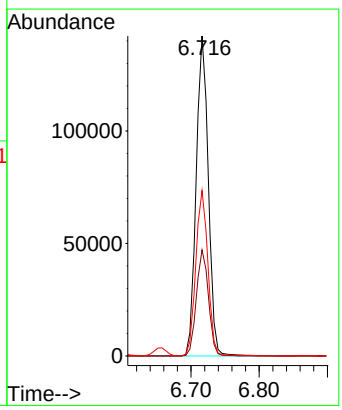


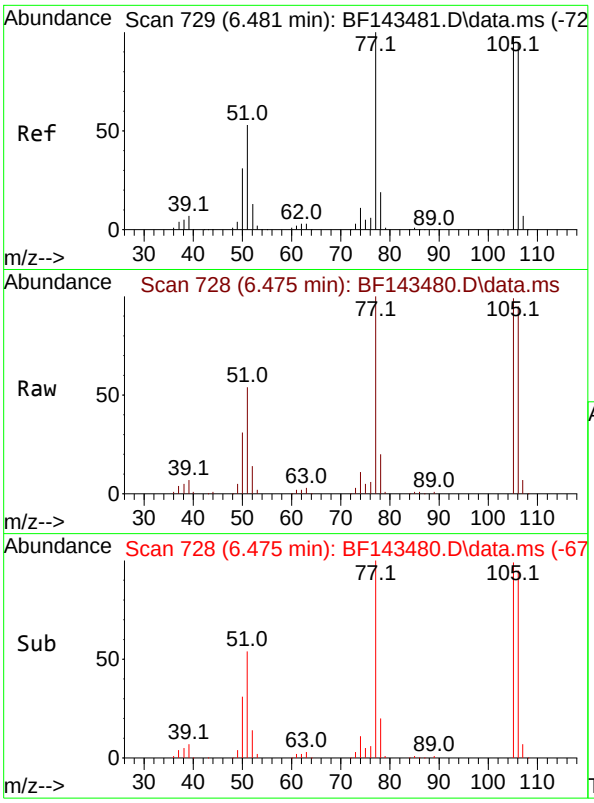


#8
2-Chlorophenol
Concen: 20.579 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:128 Resp: 175887

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.4	52.4
64	51.7	31.6	71.6



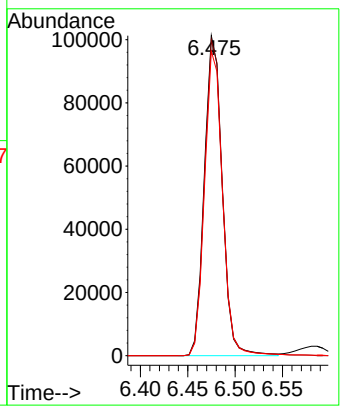


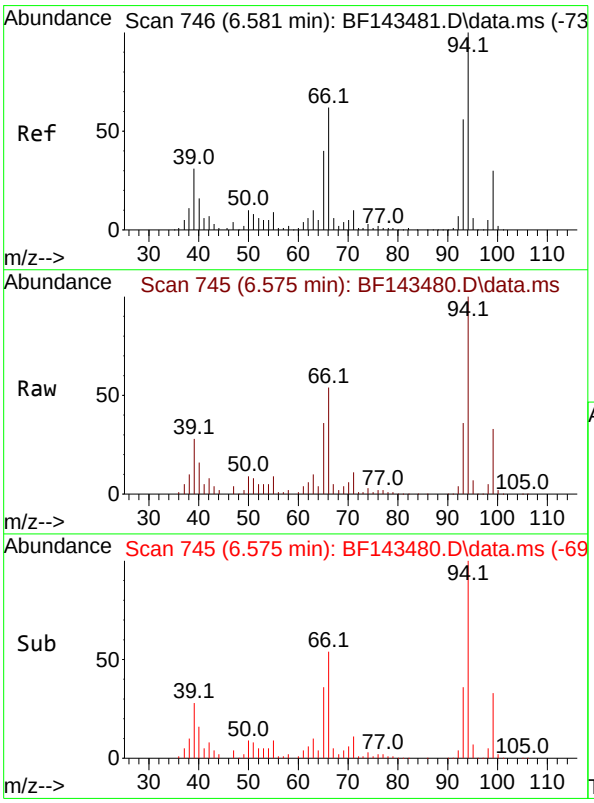
#9
Benzaldehyde
Concen: 17.142 ng
RT: 6.475 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 132575

Ion	Ratio	Lower	Upper
77	100		
105	98.8	78.1	118.1
106	95.2	74.9	114.9

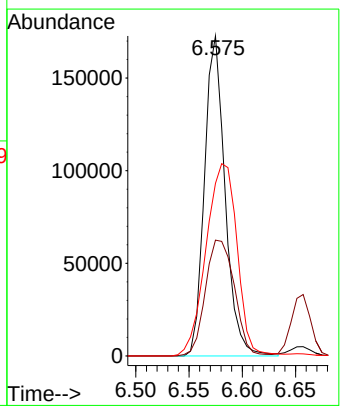


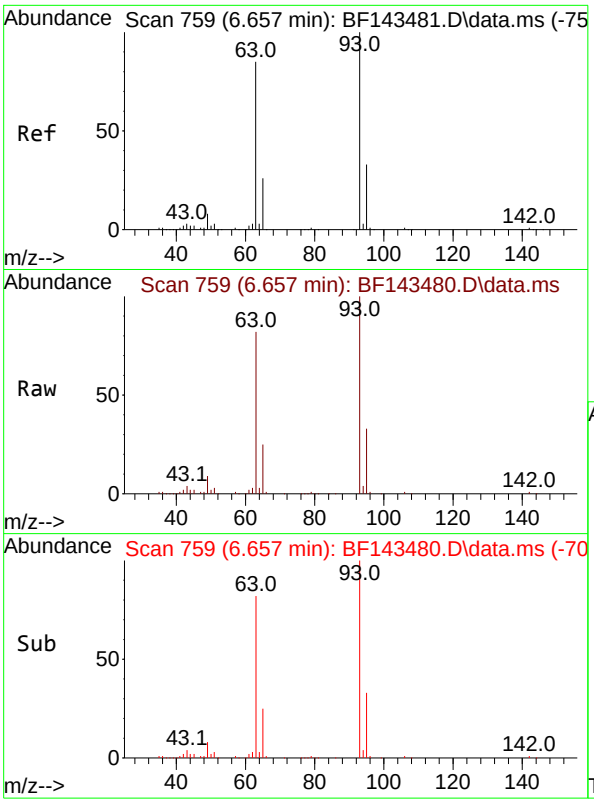


#10
Phenol
Concen: 21.182 ng
RT: 6.575 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion: 94 Resp: 233093

Ion	Ratio	Lower	Upper
94	100		
65	36.2	19.5	59.5
66	53.9	42.5	82.5



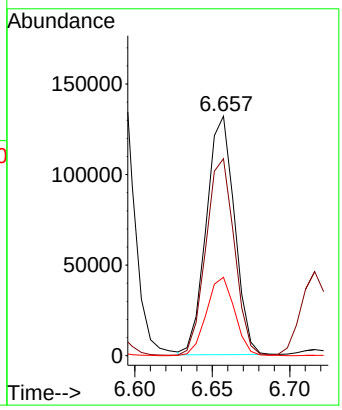


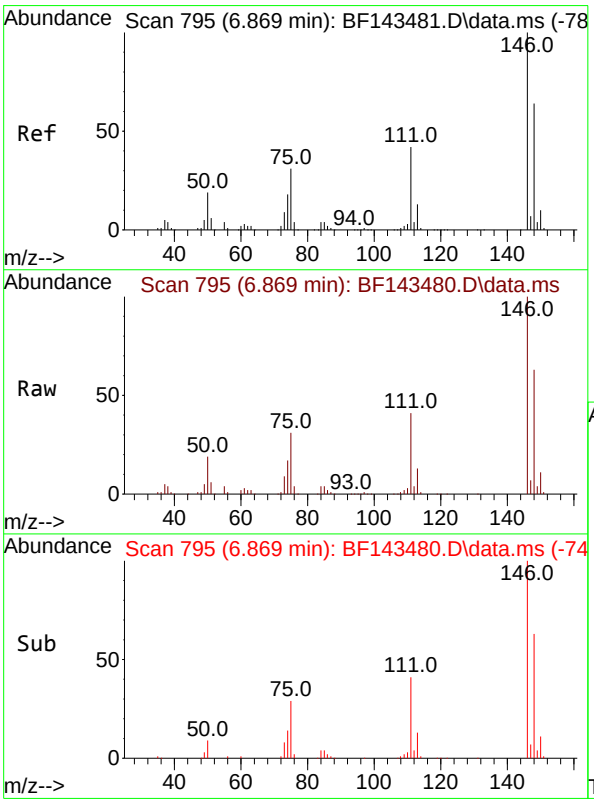
#11
bis(2-Chloroethyl)ether
Concen: 20.296 ng
RT: 6.657 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 166906

Ion	Ratio	Lower	Upper
93	100		
63	82.3	63.6	103.6
95	32.7	12.8	52.8

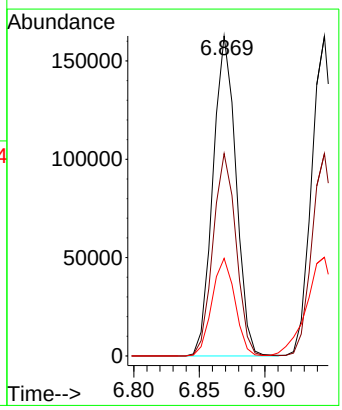


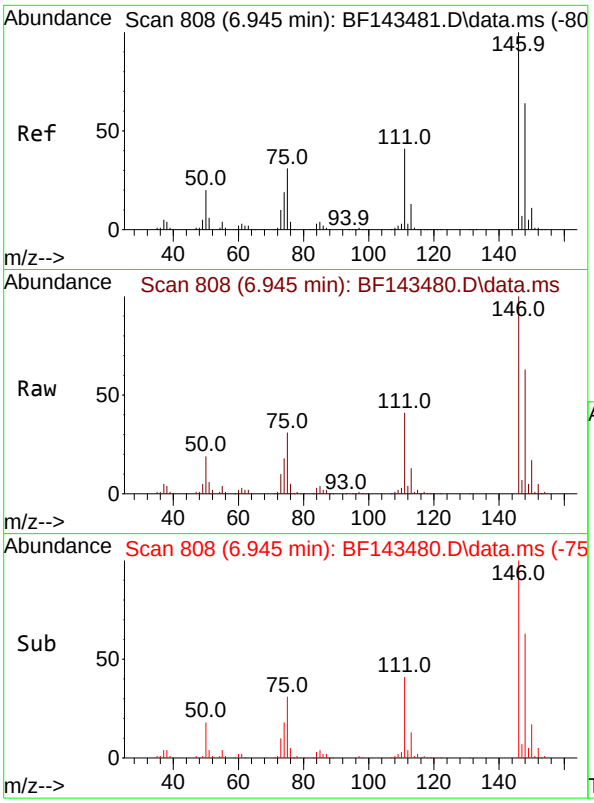


#12
1,3-Dichlorobenzene
Concen: 20.633 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:146 Resp: 198141

Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.3	76.9
75	30.5	24.7	37.1



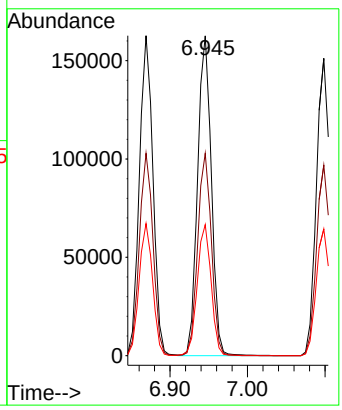


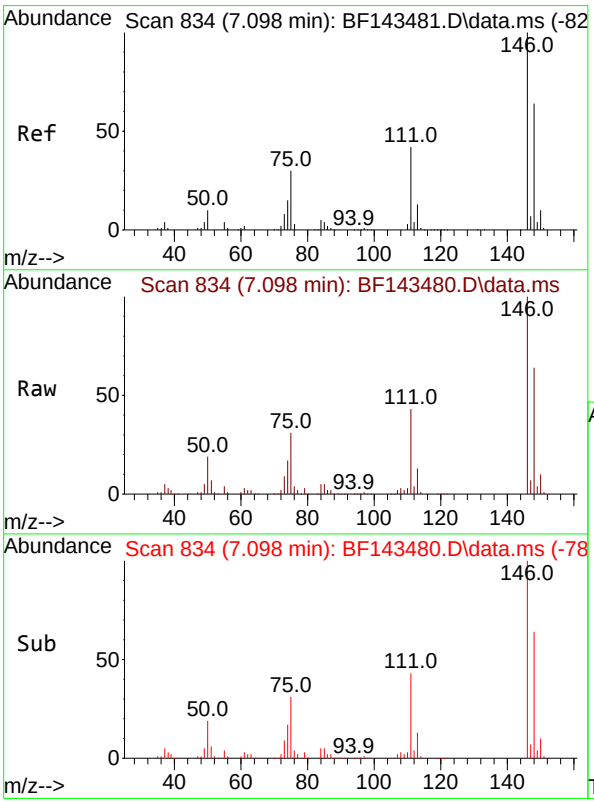
#13
1,4-Dichlorobenzene
Concen: 20.806 ng
RT: 6.945 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 200428

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.5	77.3
111	40.9	32.6	49.0

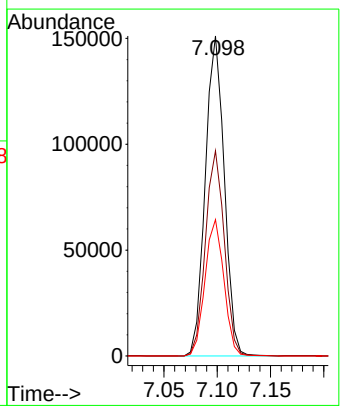


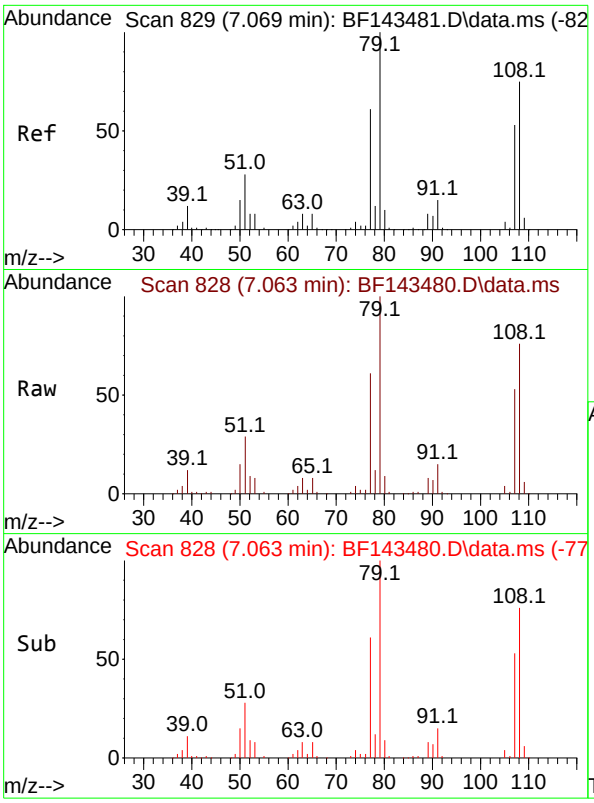


#14
1,2-Dichlorobenzene
Concen: 20.536 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:146 Resp: 187297

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.6
111	42.6	34.0	51.0



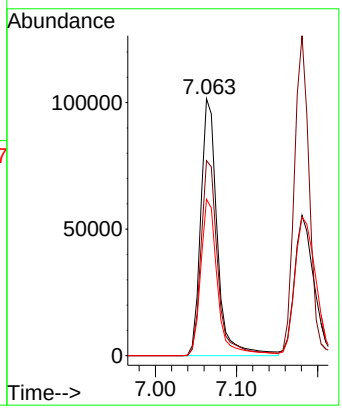


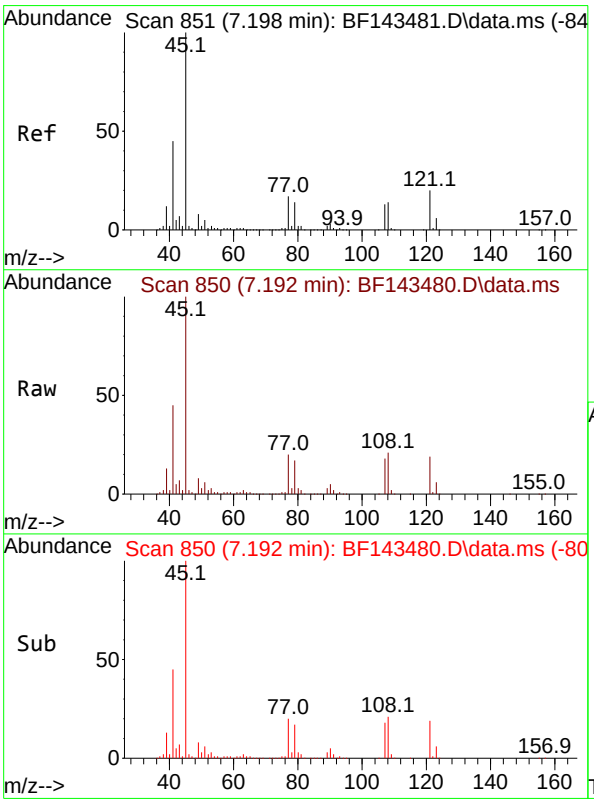
#15
Benzyl Alcohol
Concen: 20.082 ng
RT: 7.063 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 143623

Ion	Ratio	Lower	Upper
79	100		
108	75.9	59.8	89.6
77	60.9	49.0	73.4

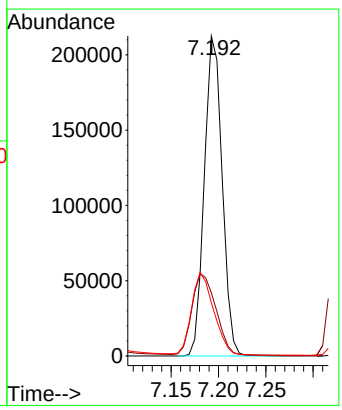


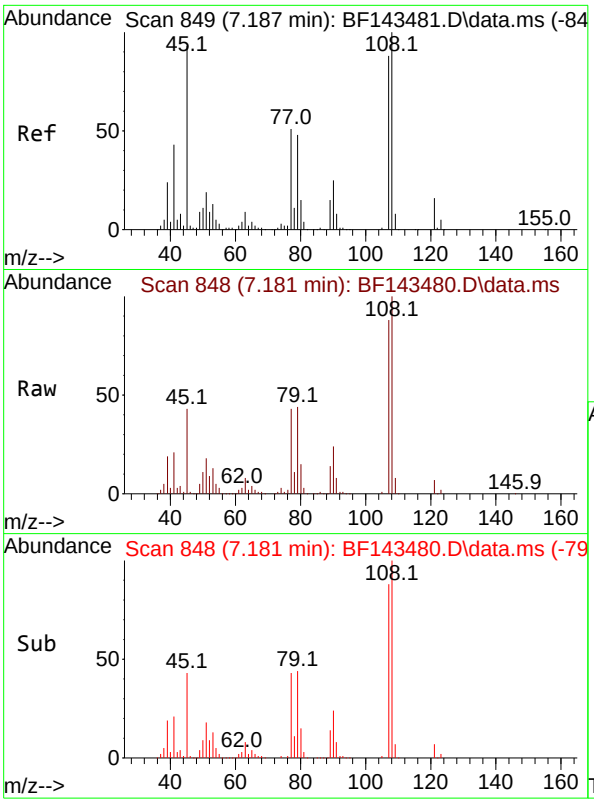


#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.087 ng
RT: 7.192 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion: 45 Resp: 277424

Ion	Ratio	Lower	Upper
45	100		
77	19.7	0.0	37.9
79	16.7	0.0	34.7



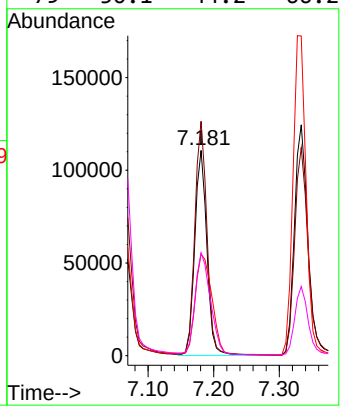


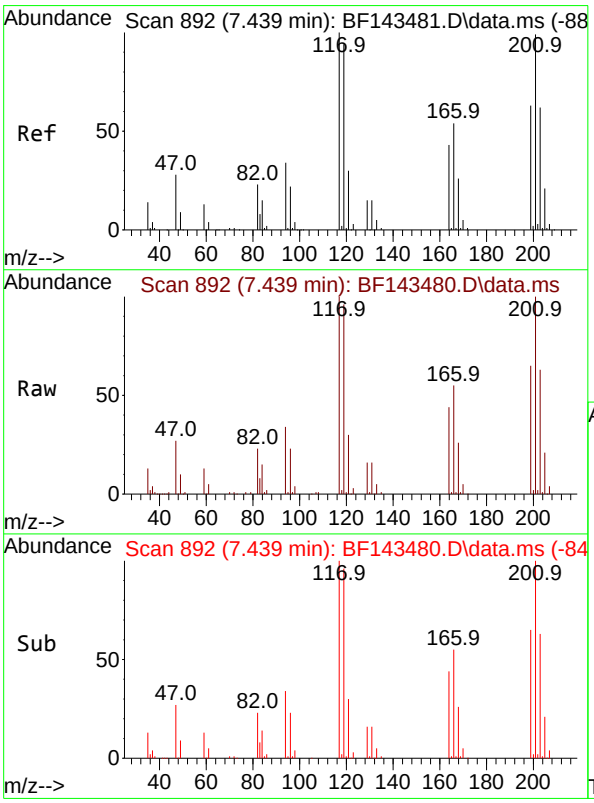
#17
2-Methylphenol
Concen: 20.794 ng
RT: 7.181 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 142643

Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.1	136.7
77	49.5	46.2	69.4
79	50.1	44.2	66.2

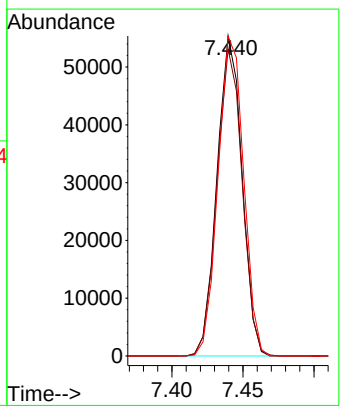


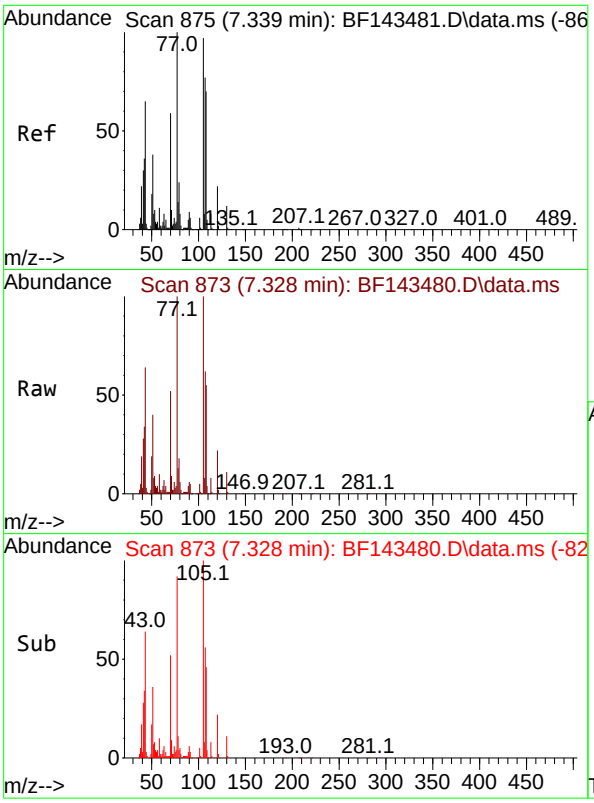


#18
Hexachloroethane
Concen: 20.727 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:117 Resp: 67887

Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.4	113.0
201	99.9	79.0	118.4



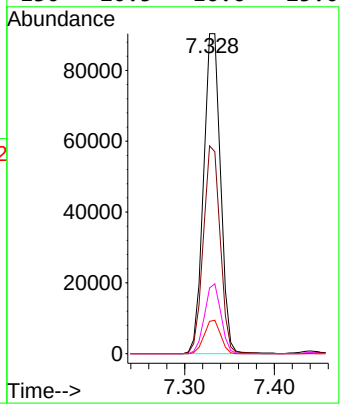


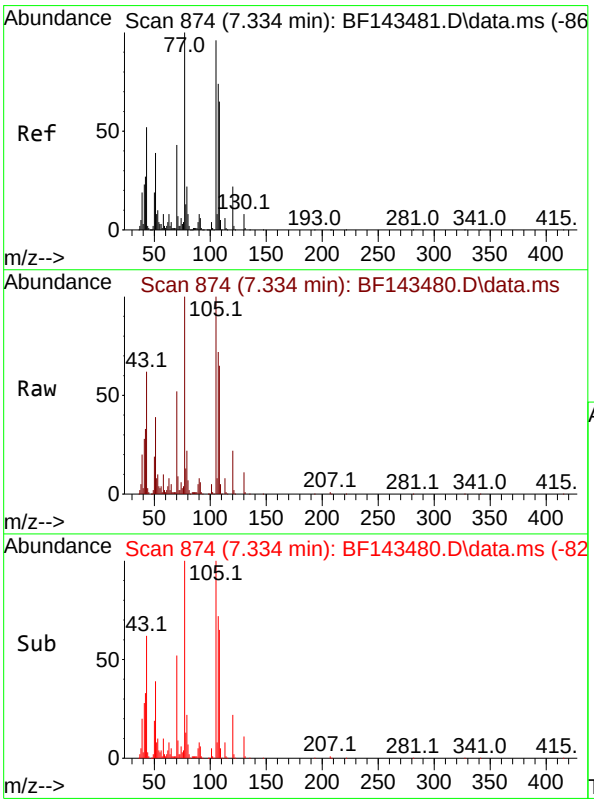
#19
n-Nitroso-di-n-propylamine
Concen: 20.353 ng
RT: 7.328 min Scan# 8
Delta R.T. -0.024 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 70 Resp: 118831

Ion	Ratio	Lower	Upper
70	100		
42	65.0	49.3	73.9
101	10.1	7.8	11.8
130	20.5	16.6	25.0

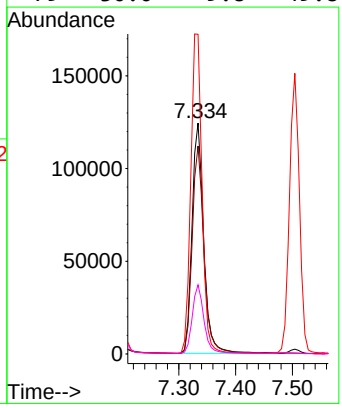


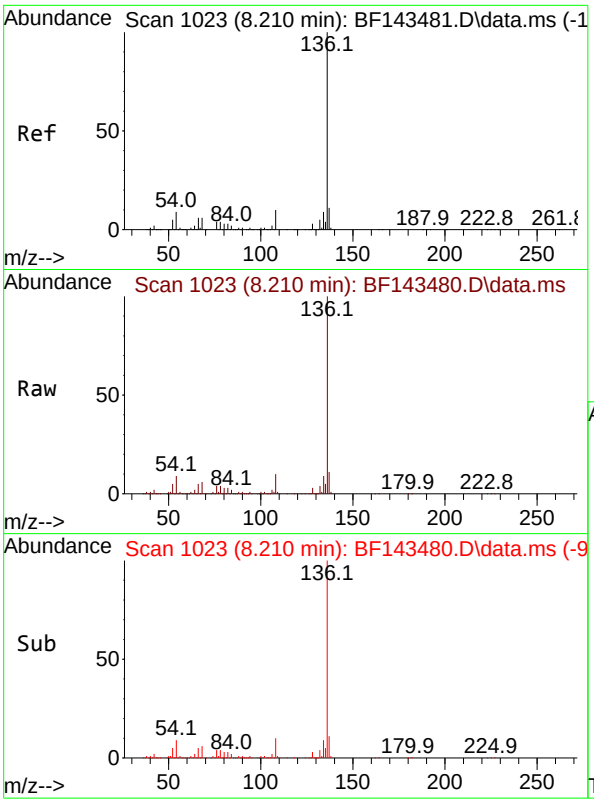


#20
3+4-Methylphenols
Concen: 21.785 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:107 Resp: 178398

Ion	Ratio	Lower	Upper
107	100		
108	90.1	68.4	108.4
77	138.5	116.1	156.1
79	30.0	9.8	49.8



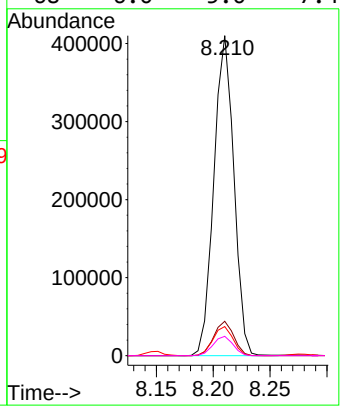


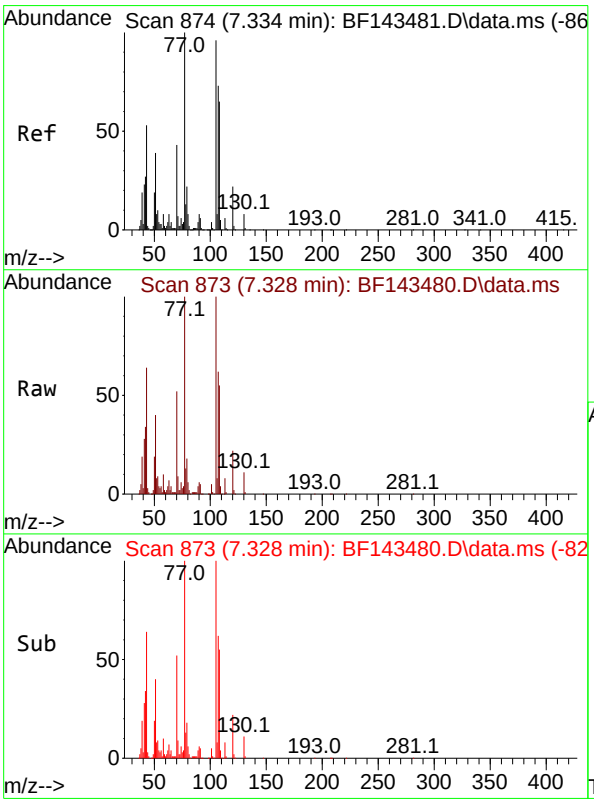
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:136 Resp: 502602

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	9.1	7.4	11.2
68	6.0	5.0	7.4

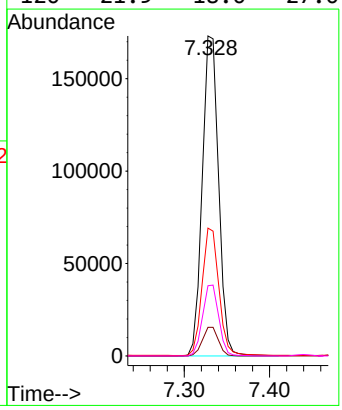


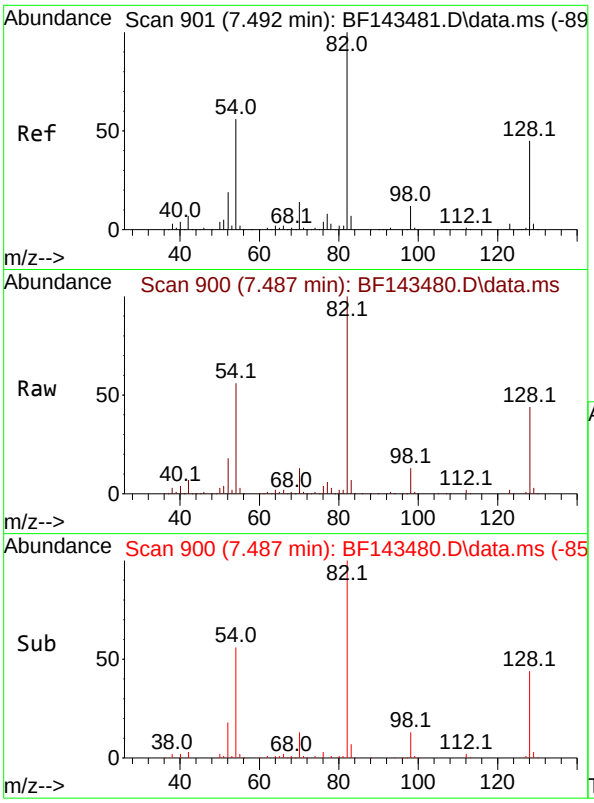


#22
Acetophenone
Concen: 21.238 ng
RT: 7.328 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:105 Resp: 230609

Ion	Ratio	Lower	Upper
105	100		
71	9.0	5.9	8.9#
51	39.9	32.5	48.7
120	21.9	18.0	27.0



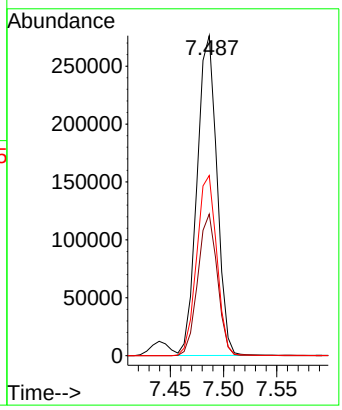


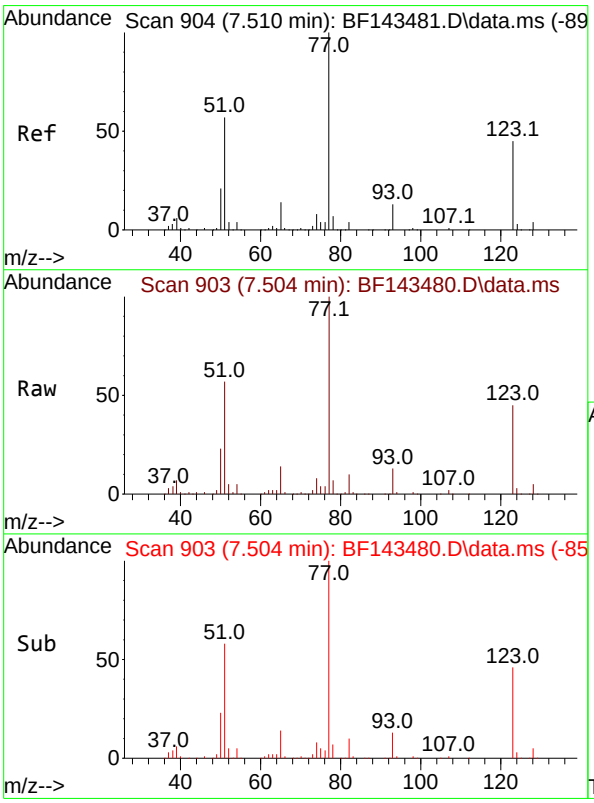
#23
Nitrobenzene-d5
Concen: 41.608 ng
RT: 7.487 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 358365

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.5	53.3
54	56.3	44.3	66.5

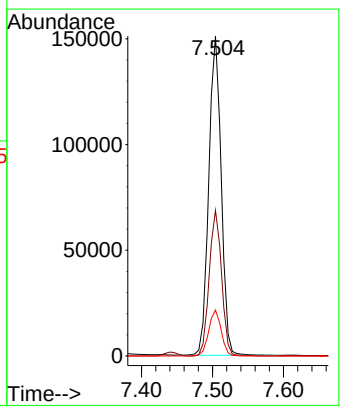


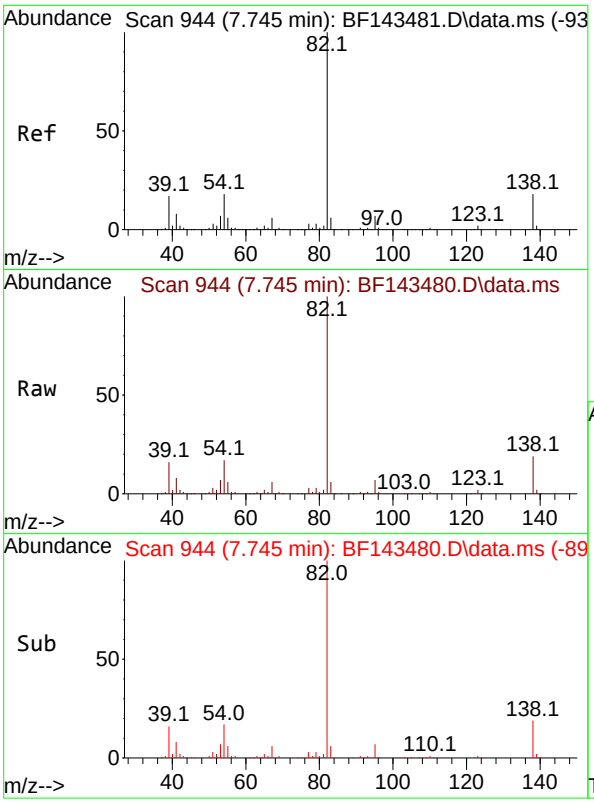


#24
Nitrobenzene
Concen: 20.736 ng
RT: 7.504 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion: 77 Resp: 183817

Ion	Ratio	Lower	Upper
77	100		
123	45.5	36.1	54.1
65	14.3	11.0	16.6



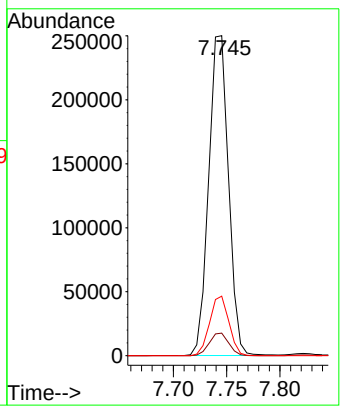


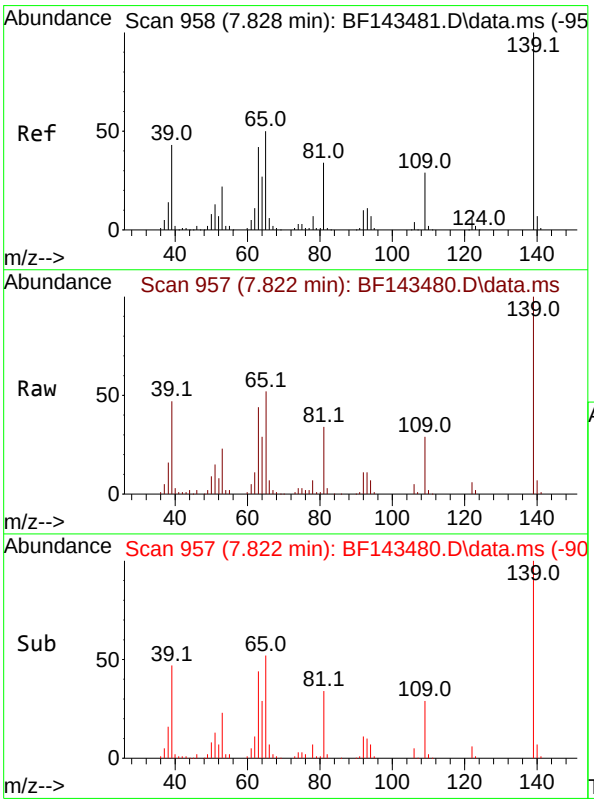
#25
Isophorone
Concen: 20.513 ng
RT: 7.745 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 323869

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.8
138	18.6	14.2	21.4

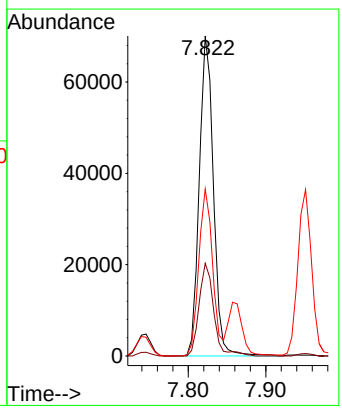


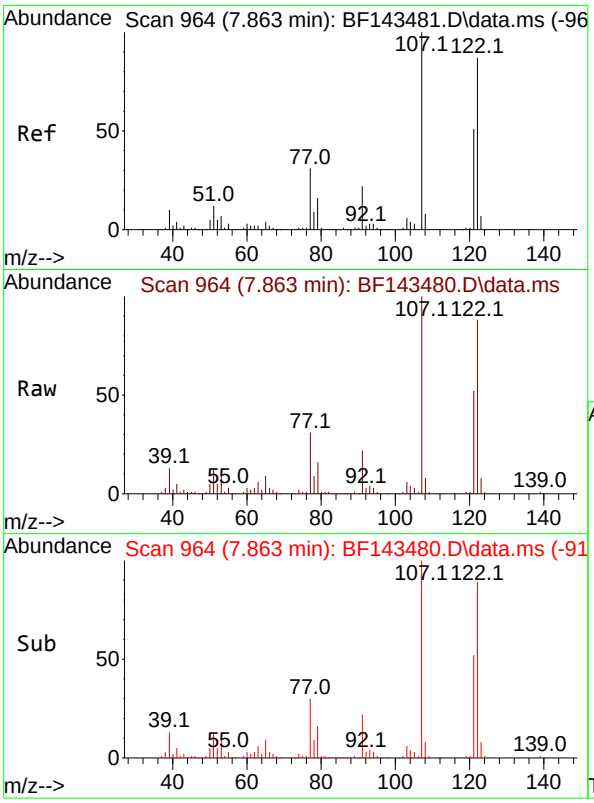


#26
2-Nitrophenol
Concen: 20.444 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:139 Resp: 88771

Ion	Ratio	Lower	Upper
139	100		
109	28.9	23.0	34.6
65	52.2	40.3	60.5



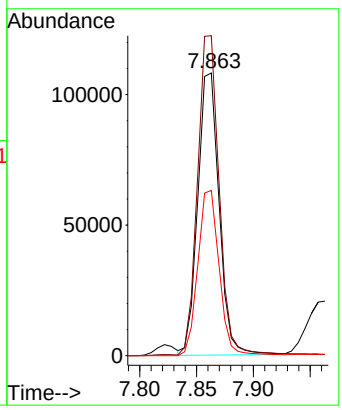


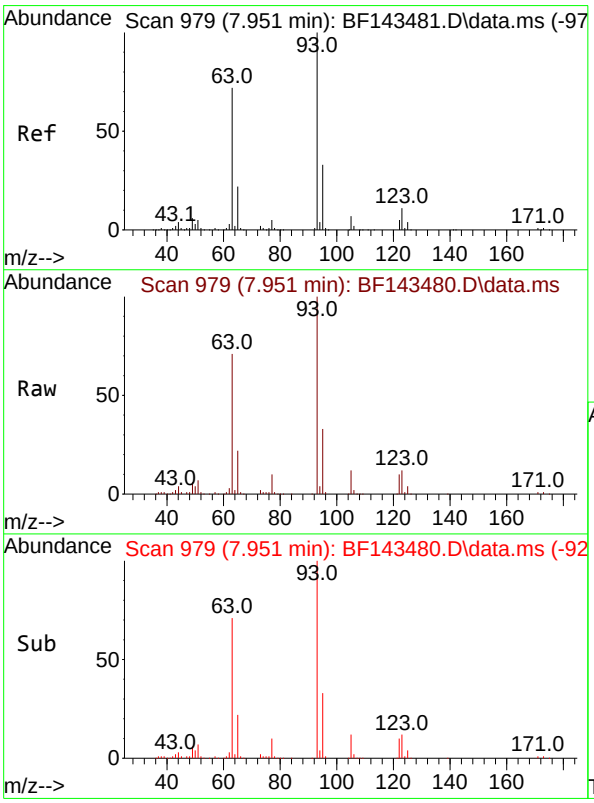
#27
2,4-Dimethylphenol
Concen: 20.897 ng
RT: 7.863 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:122 Resp: 141452

Ion	Ratio	Lower	Upper
122	100		
107	113.2	91.5	137.3
121	58.5	47.0	70.4

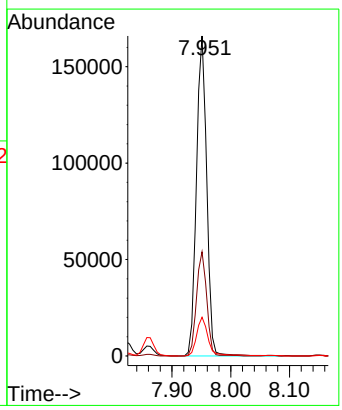


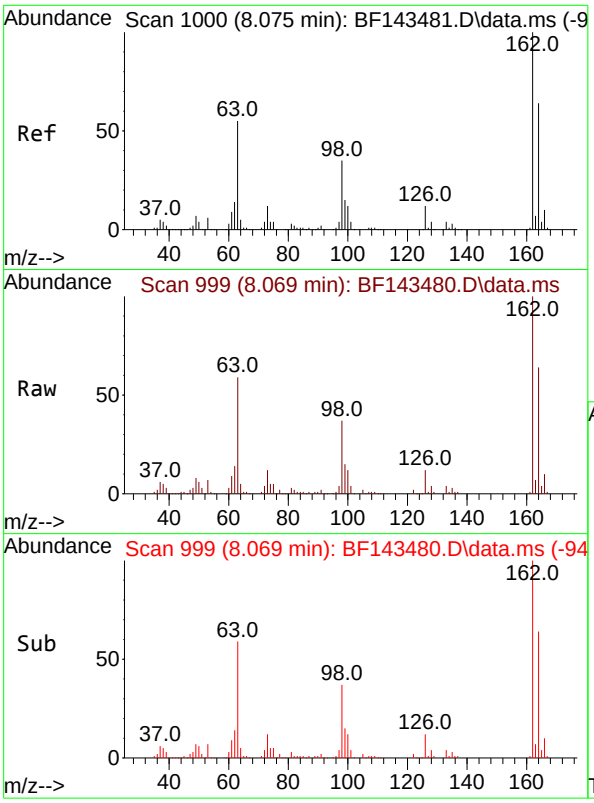


#28
bis(2-Chloroethoxy)methane
Concen: 20.776 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion: 93 Resp: 201584

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.0	39.0
123	12.1	9.1	13.7



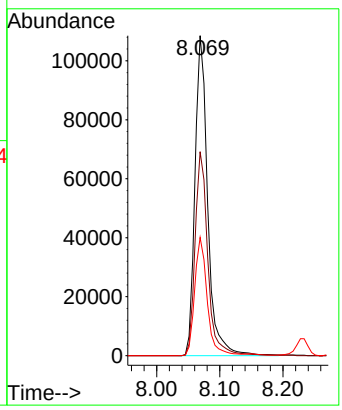


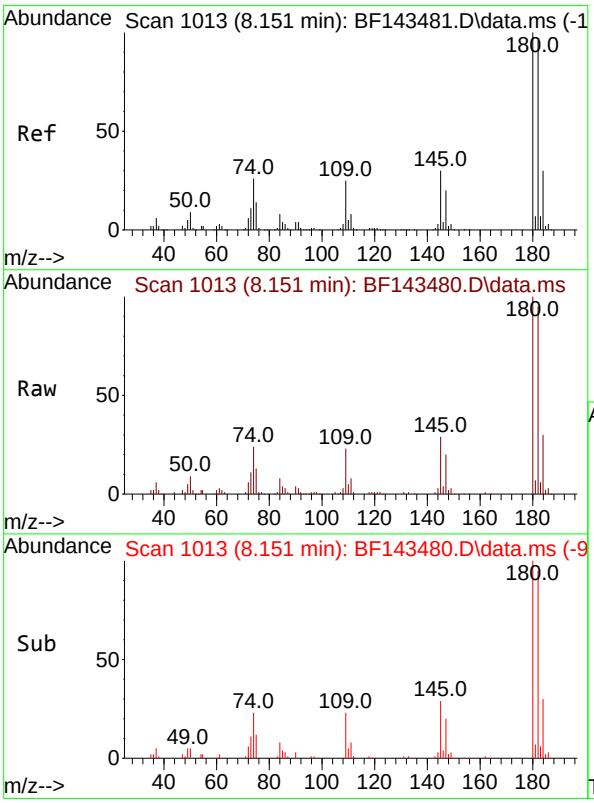
#29
2,4-Dichlorophenol
Concen: 21.055 ng
RT: 8.069 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 152215

Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.5	83.5
98	37.0	15.1	55.1

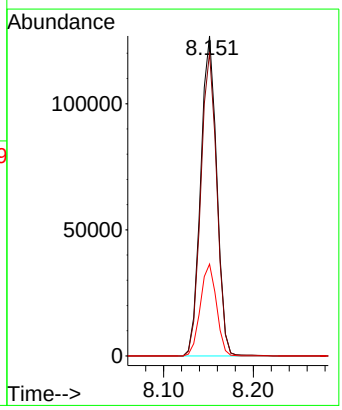


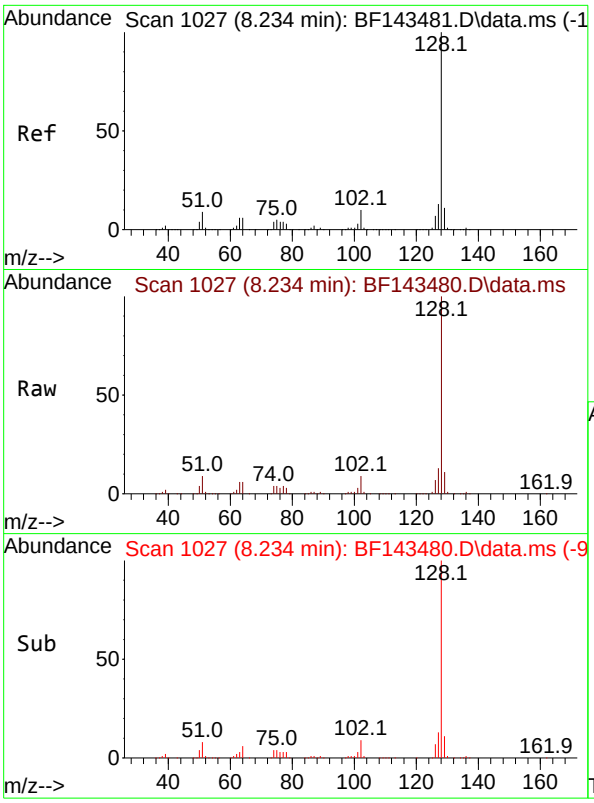


#30
1,2,4-Trichlorobenzene
Concen: 21.200 ng
RT: 8.151 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:180 Resp: 157575

Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.6	114.8
145	28.7	24.3	36.5



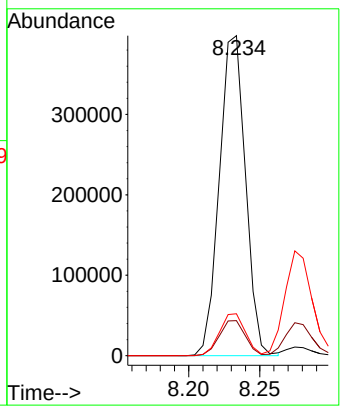


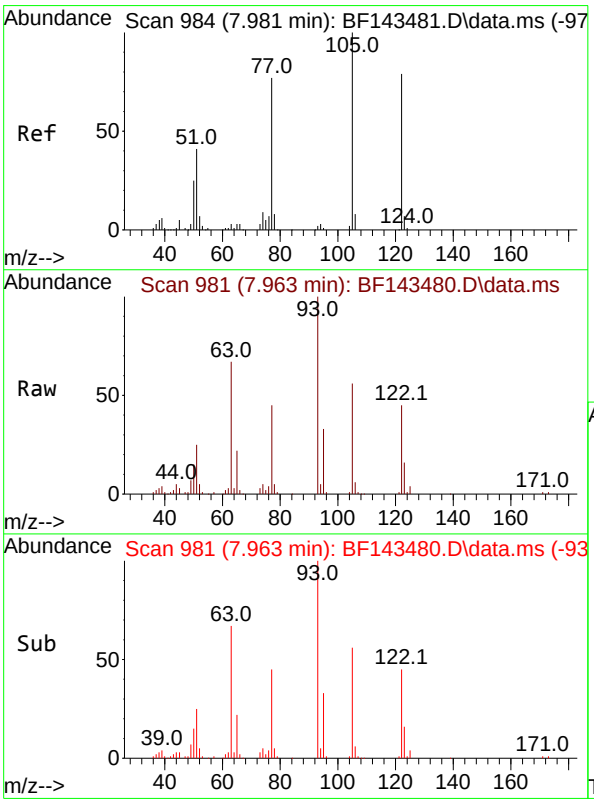
#31
Naphthalene
Concen: 21.111 ng
RT: 8.234 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 509408

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.1	10.6	16.0

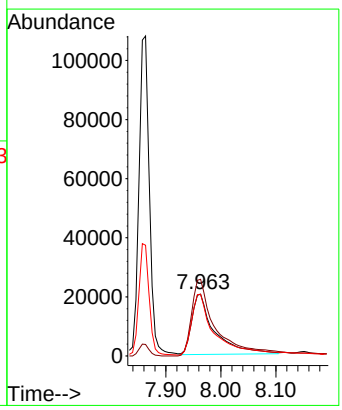


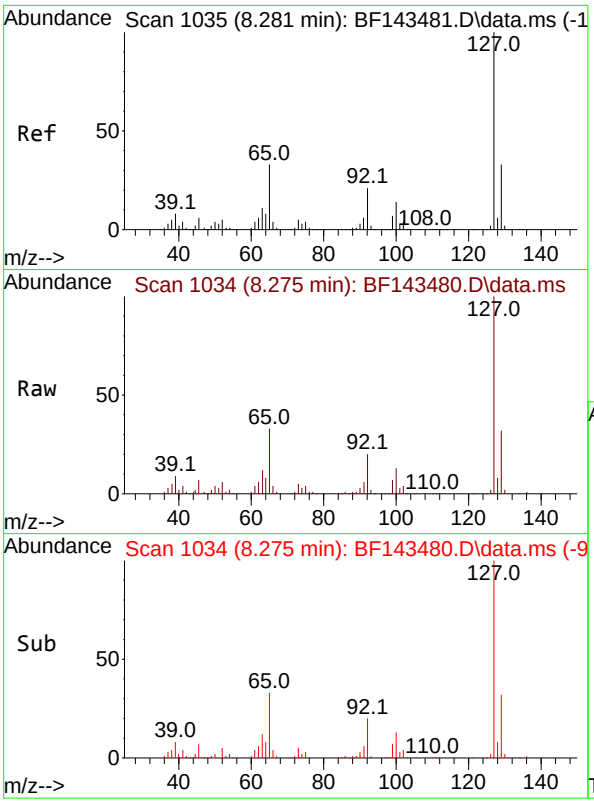


#32
Benzoic acid
Concen: 19.199 ng
RT: 7.963 min Scan# 981
Delta R.T. -0.047 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:122 Resp: 58396

Ion	Ratio	Lower	Upper
122	100		
105	124.1	104.7	144.7
77	100.1	77.3	117.3



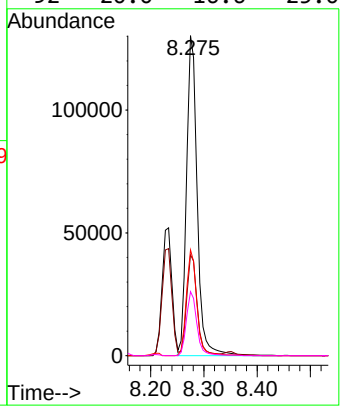


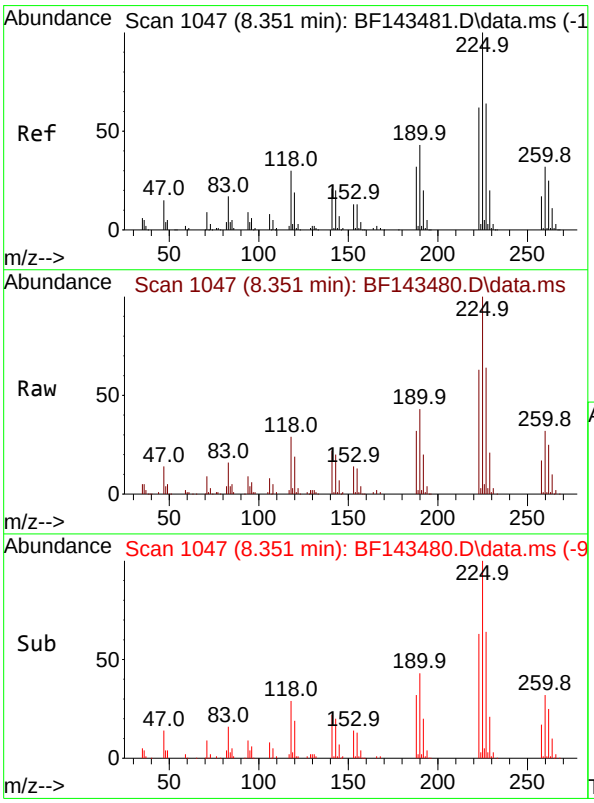
#33
4-Chloroaniline
Concen: 21.243 ng
RT: 8.275 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:127 Resp: 181928

Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.1	39.1
65	33.1	26.2	39.2
92	20.0	16.6	25.0

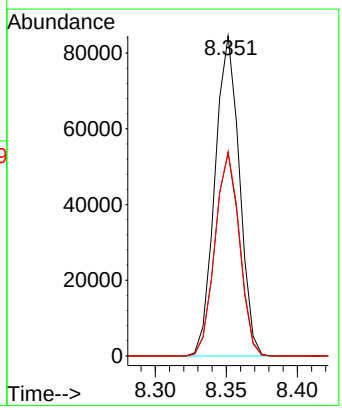


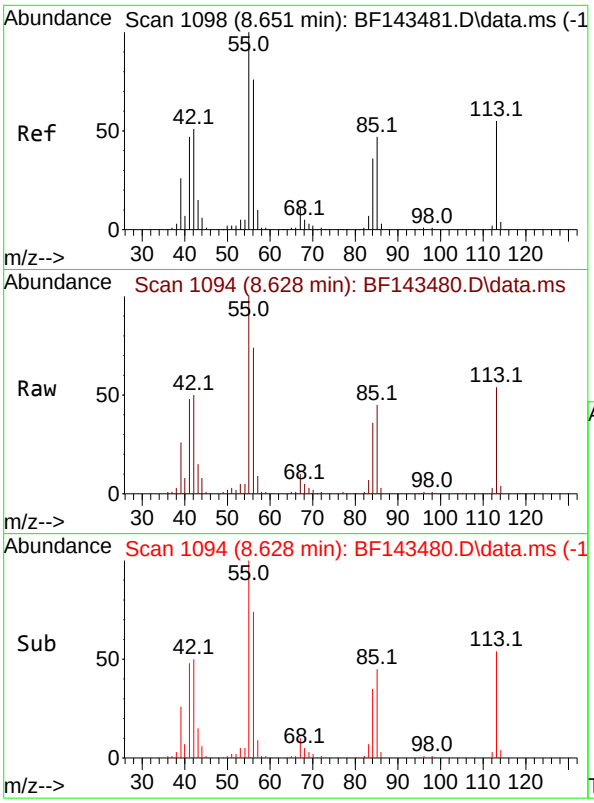


#34
Hexachlorobutadiene
Concen: 20.802 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:225 Resp: 100875

Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.9	74.9
227	63.9	50.9	76.3



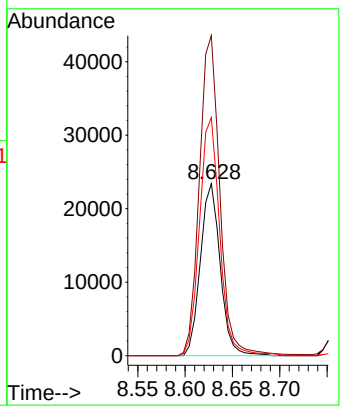


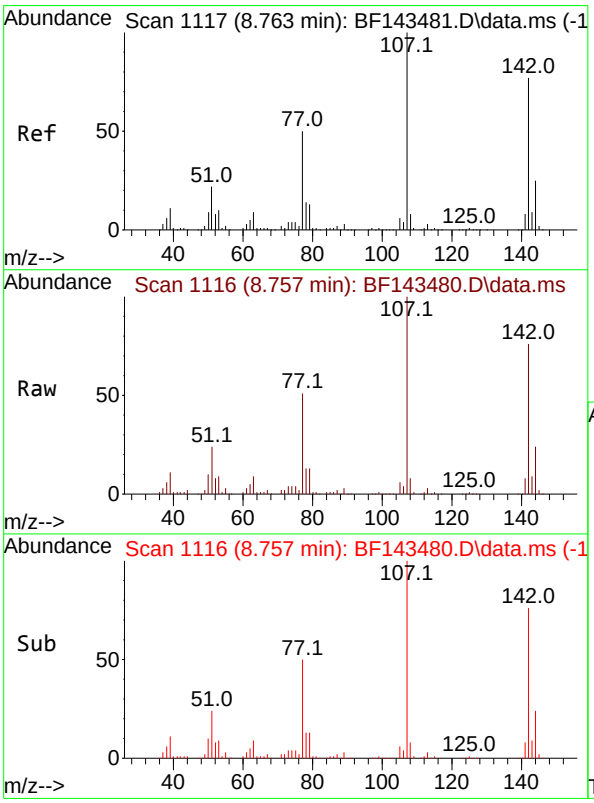
#35
Caprolactam
Concen: 19.594 ng
RT: 8.628 min Scan# 1
Delta R.T. -0.047 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 33991

Ion	Ratio	Lower	Upper
113	100		
55	186.1	162.8	202.8
56	138.4	118.1	158.1

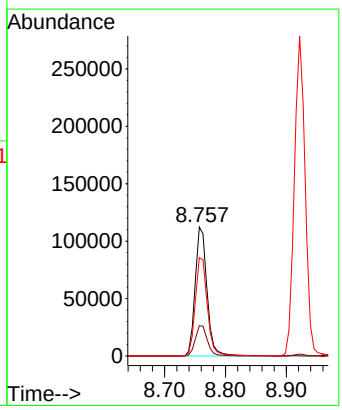


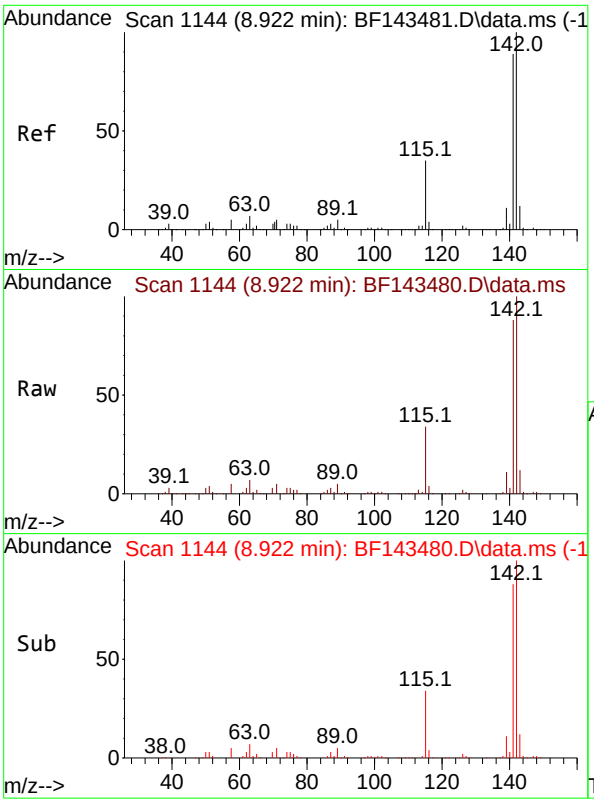


#36
4-Chloro-3-methylphenol
Concen: 21.008 ng
RT: 8.757 min Scan# 1116
Delta R.T. -0.012 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:107 Resp: 152197

Ion	Ratio	Lower	Upper
107	100		
144	23.5	19.9	29.9
142	76.2	61.8	92.8



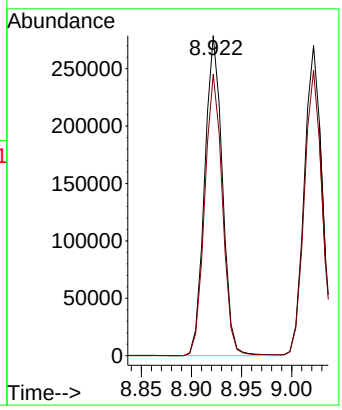


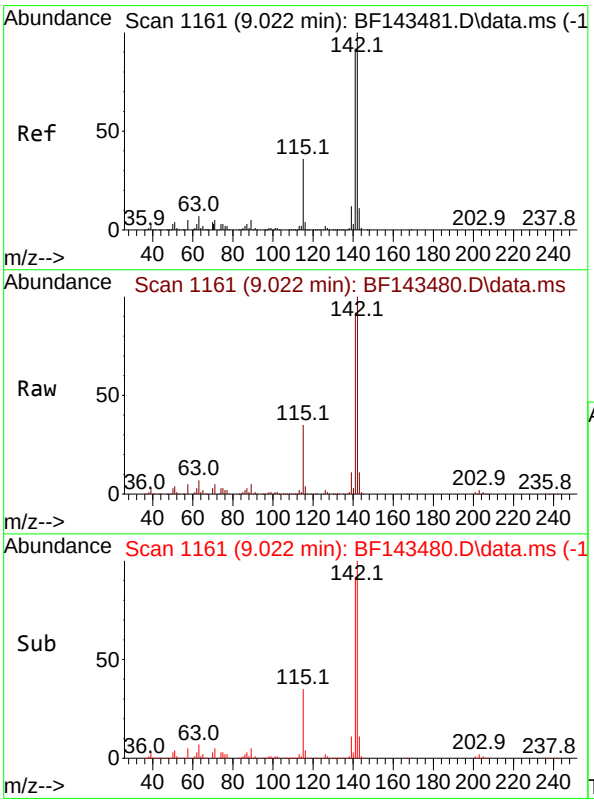
#37
2-Methylnaphthalene
Concen: 21.339 ng
RT: 8.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 343900

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.0	106.4

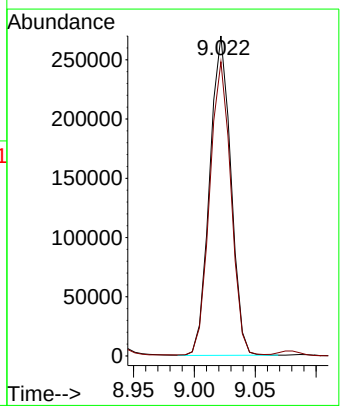


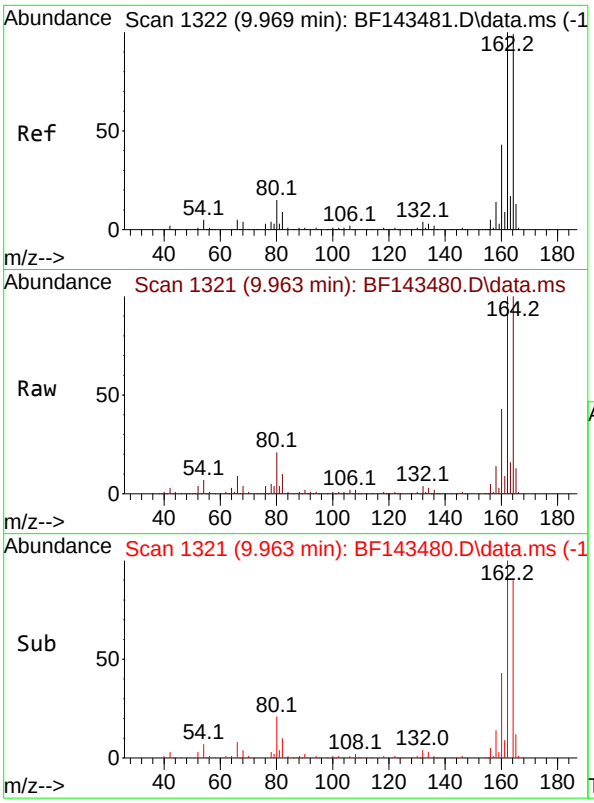


#38
1-Methylnaphthalene
Concen: 21.191 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:142 Resp: 326683

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.3	109.9



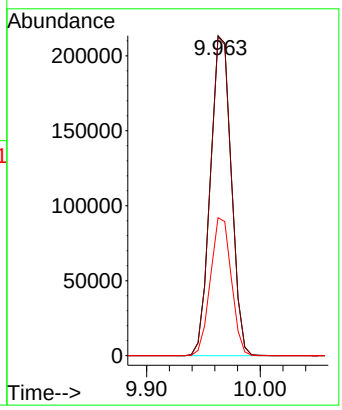


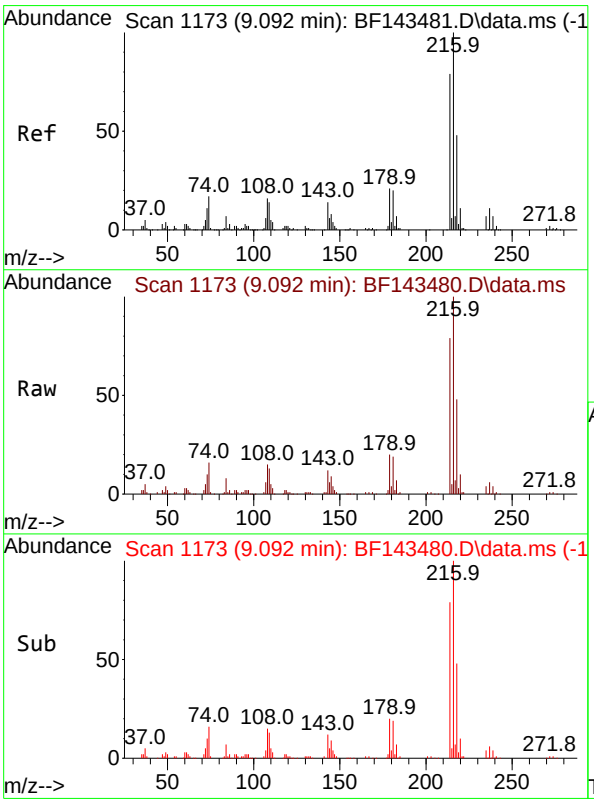
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:164 Resp: 273375

Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.5	120.7
160	43.1	34.3	51.5

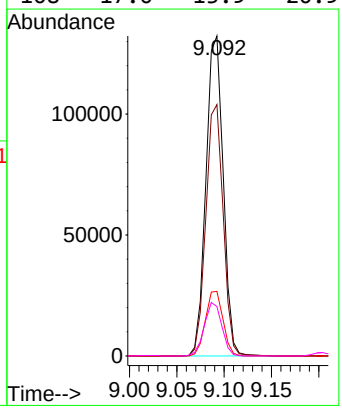


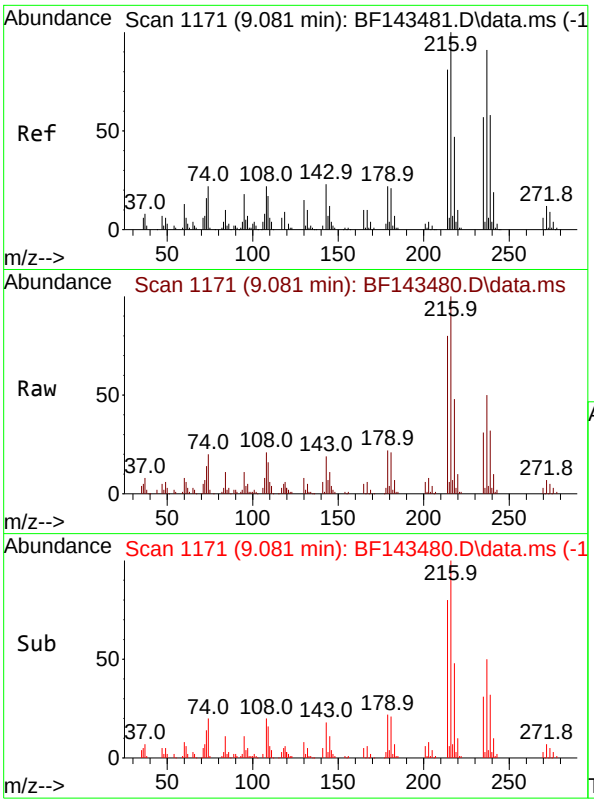


#40
1,2,4,5-Tetrachlorobenzene
Concen: 21.445 ng
RT: 9.092 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:216 Resp: 167691

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.0
179	20.5	16.5	24.7
108	17.0	13.9	20.9



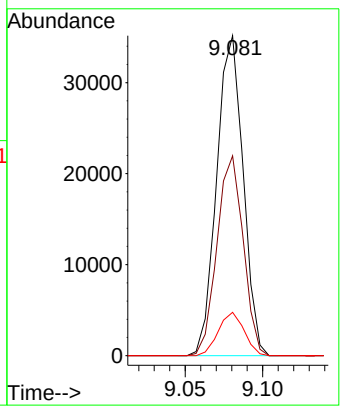


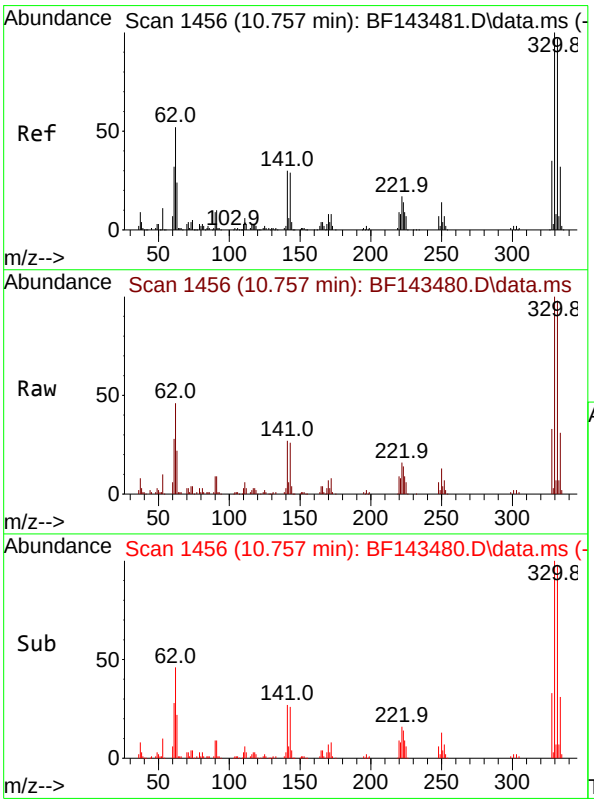
#41
Hexachlorocyclopentadiene
Concen: 19.072 ng
RT: 9.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 41723

Ion	Ratio	Lower	Upper
237	100		
235	62.5	42.6	82.6
272	13.5	0.0	33.4

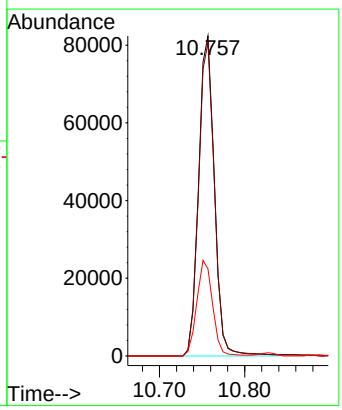


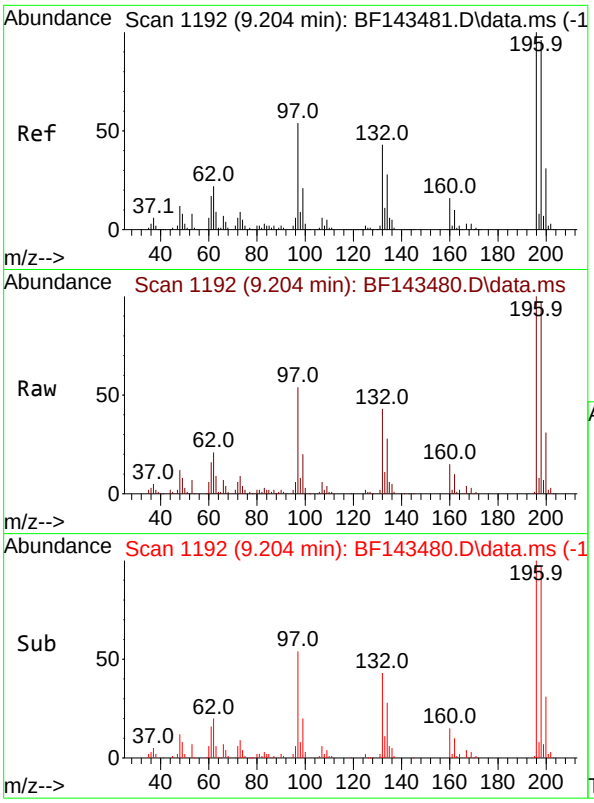


#42
2,4,6-Tribromophenol
Concen: 41.663 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:330 Resp: 106021

Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.0	117.0
141	29.9	23.7	35.5



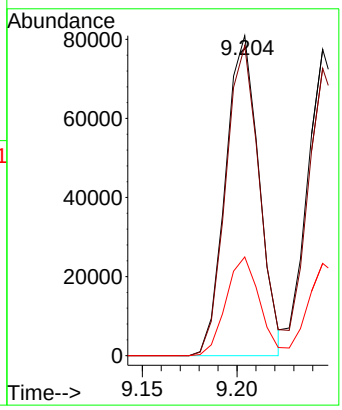


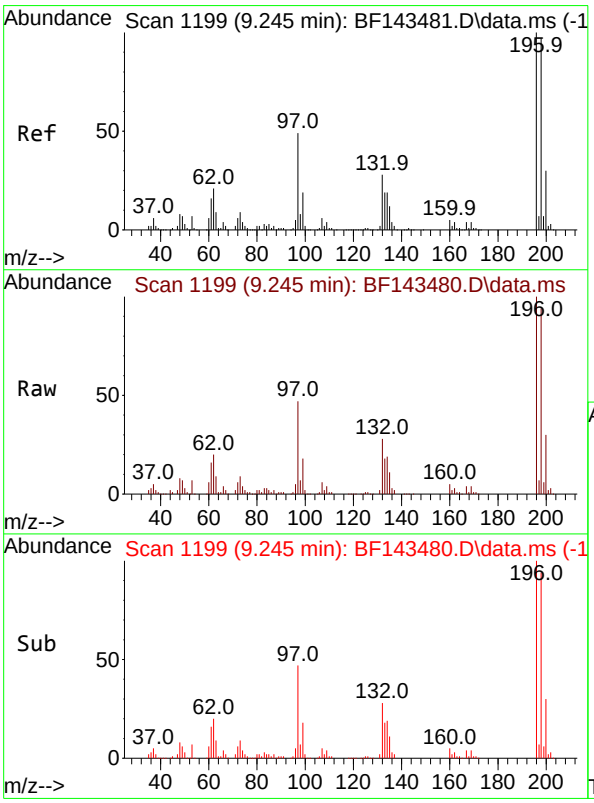
#43
2,4,6-Trichlorophenol
Concen: 20.683 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:196 Resp: 99517

Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.0	115.4
200	30.9	24.6	37.0

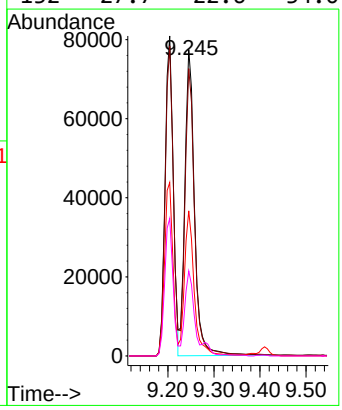


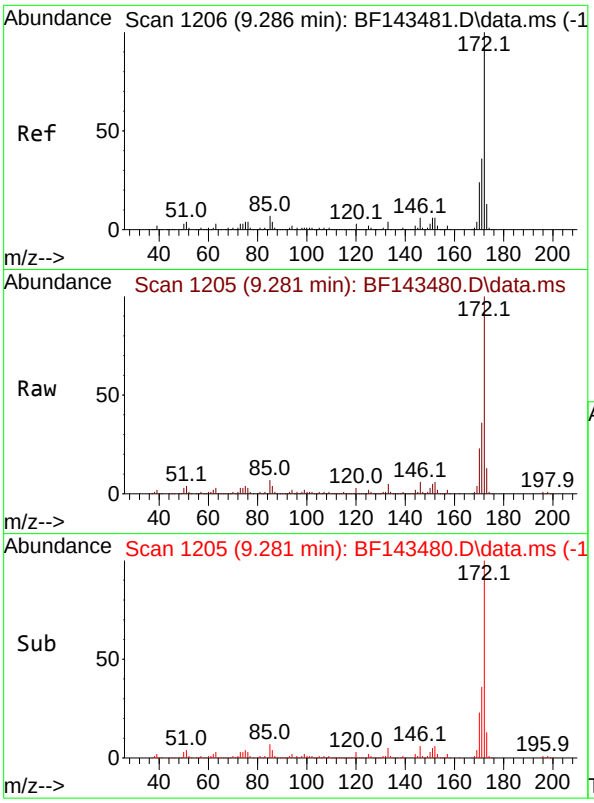


#44
2,4,5-Trichlorophenol
Concen: 21.488 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:196 Resp: 112939

Ion	Ratio	Lower	Upper
196	100		
198	93.8	77.3	115.9
97	47.4	40.0	60.0
132	27.7	22.6	34.0



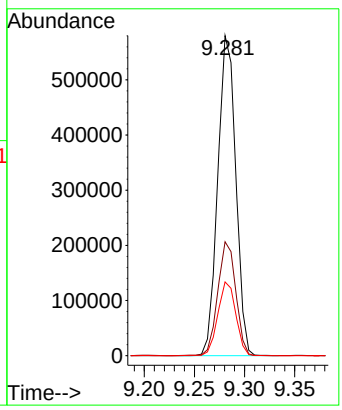


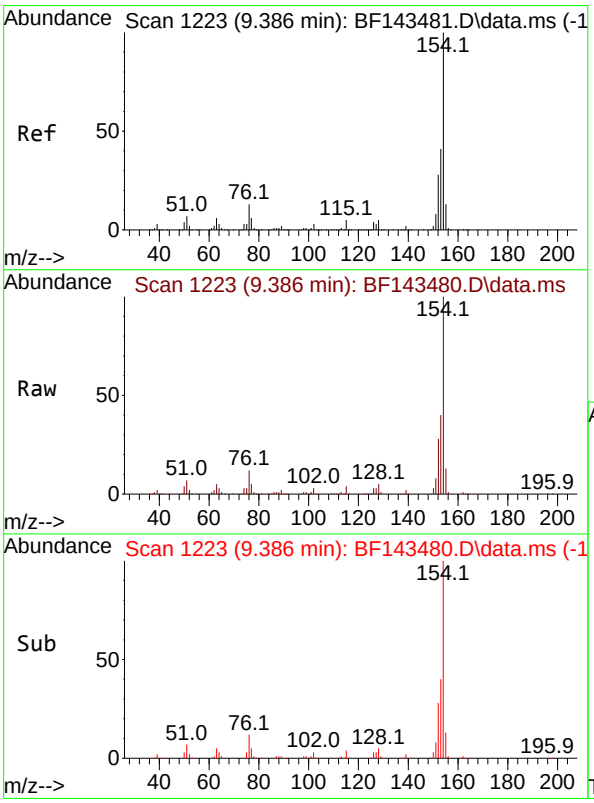
#45
2-Fluorobiphenyl
Concen: 43.723 ng
RT: 9.281 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:172 Resp: 723237

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.8	43.2
170	23.0	18.8	28.2

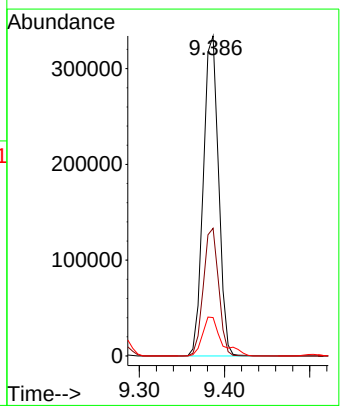


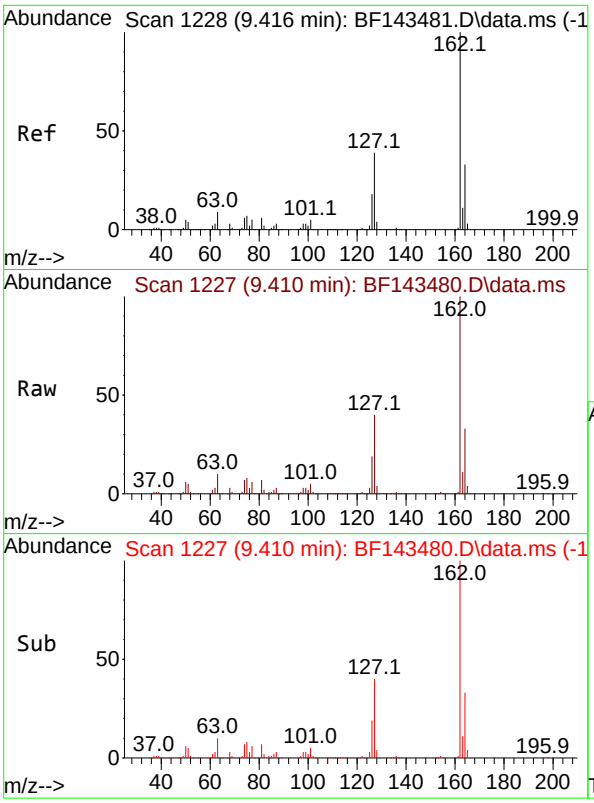


#46
1,1'-Biphenyl
Concen: 21.403 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:154 Resp: 415294

Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.6	60.6
76	12.0	0.0	33.0



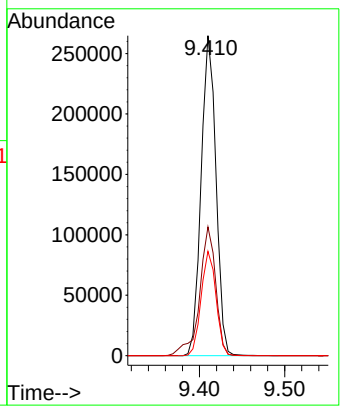


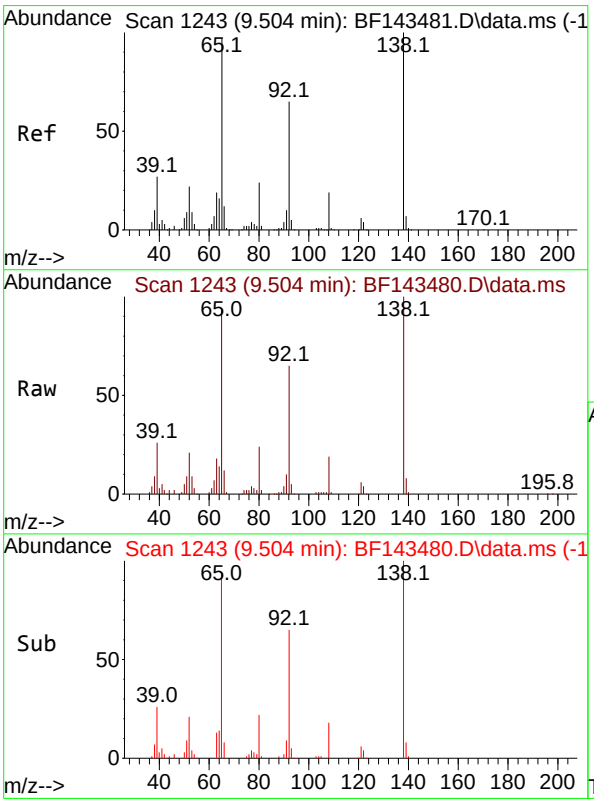
#47
2-Chloronaphthalene
Concen: 21.037 ng
RT: 9.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 320277

Ion	Ratio	Lower	Upper
162	100		
127	40.3	31.8	47.6
164	32.6	26.4	39.6

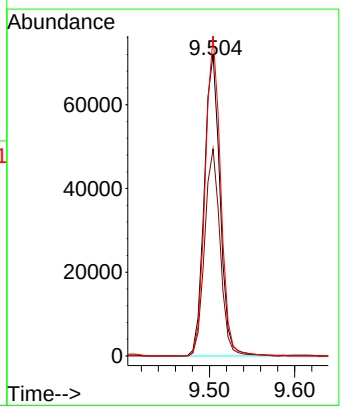


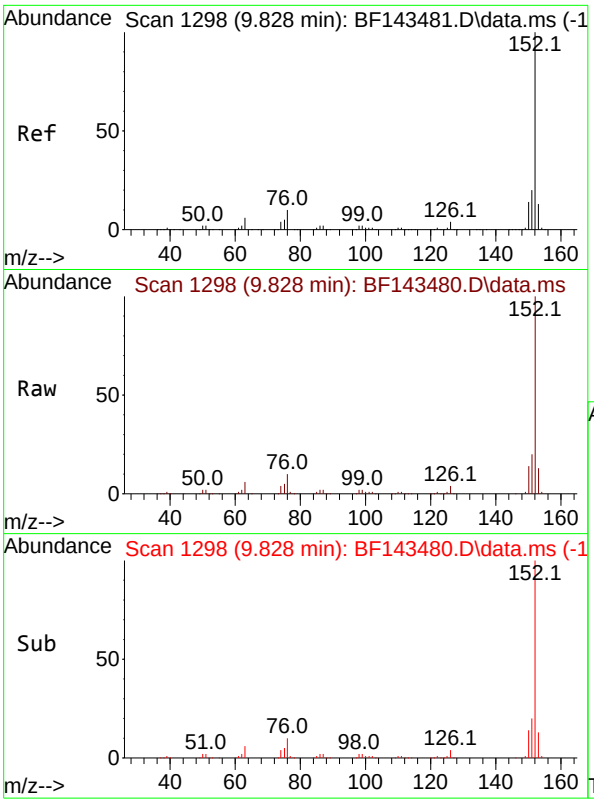


#48
2-Nitroaniline
Concen: 20.753 ng
RT: 9.504 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion: 65 Resp: 92468

Ion	Ratio	Lower	Upper
65	100		
92	68.6	53.8	80.6
138	106.0	82.4	123.6



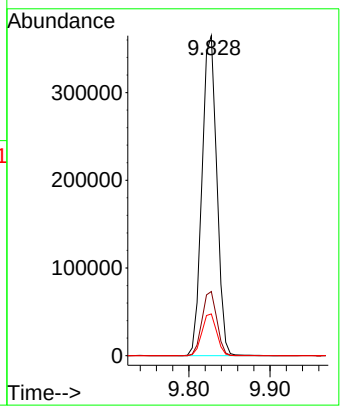


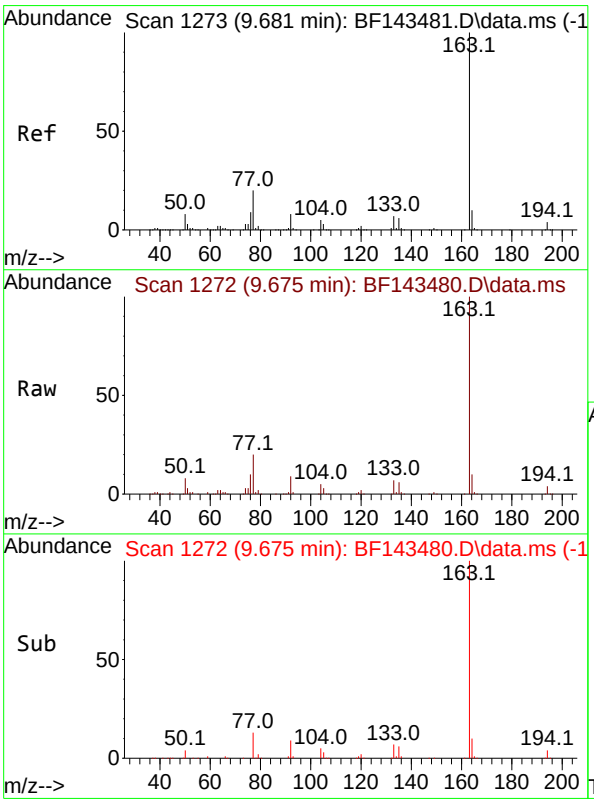
#49
Acenaphthylene
Concen: 21.158 ng
RT: 9.828 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 461236

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.4
153	13.1	10.6	15.8

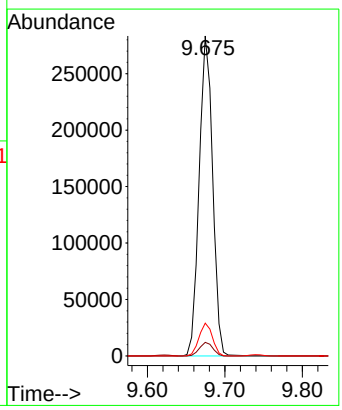


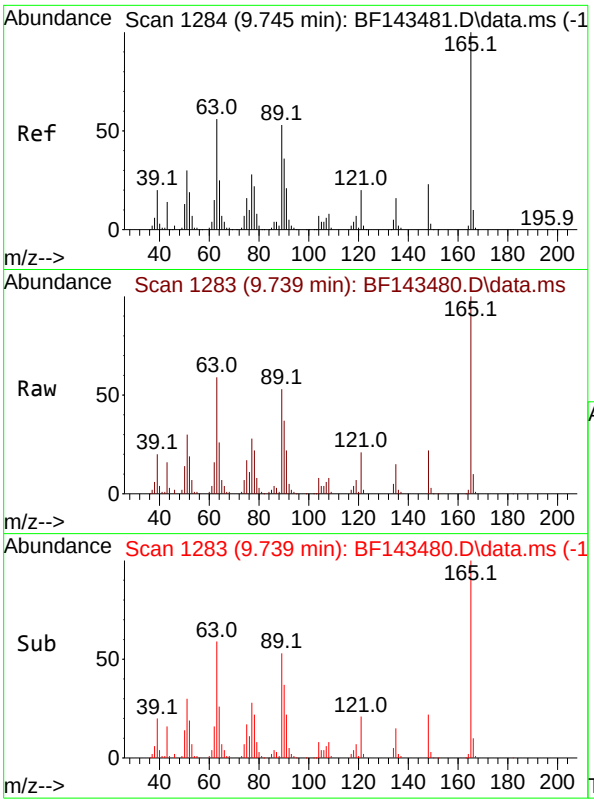


#50
Dimethylphthalate
Concen: 20.788 ng
RT: 9.675 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:163 Resp: 342268

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.3	8.2	12.2



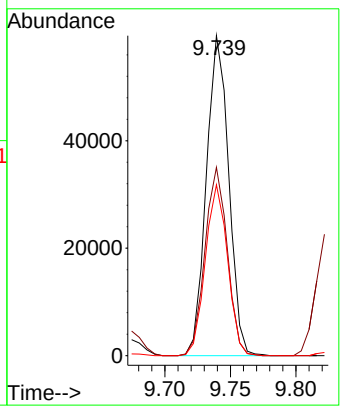


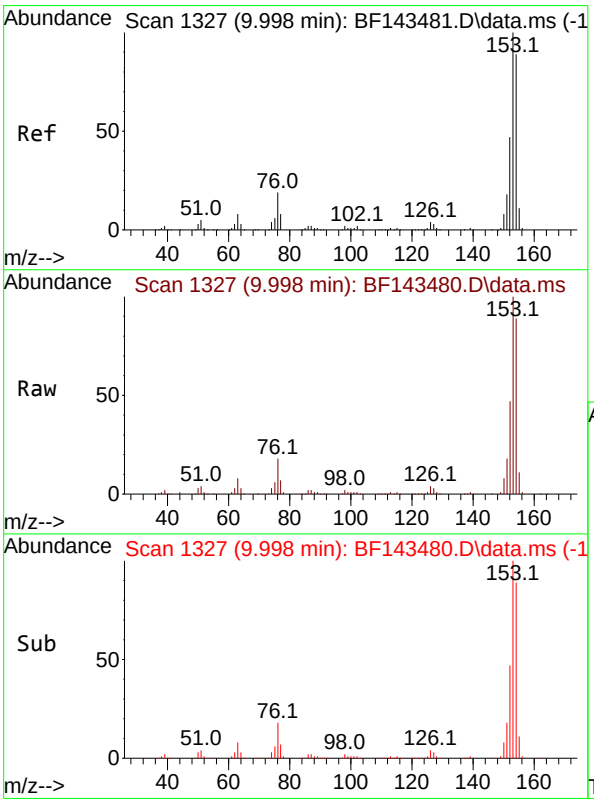
#51
2,6-Dinitrotoluene
Concen: 20.723 ng
RT: 9.739 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 70716

Ion	Ratio	Lower	Upper
165	100		
63	58.9	45.0	67.6
89	53.4	42.5	63.7

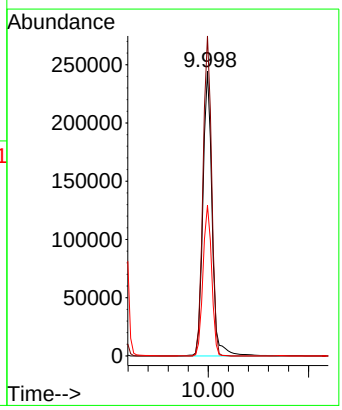


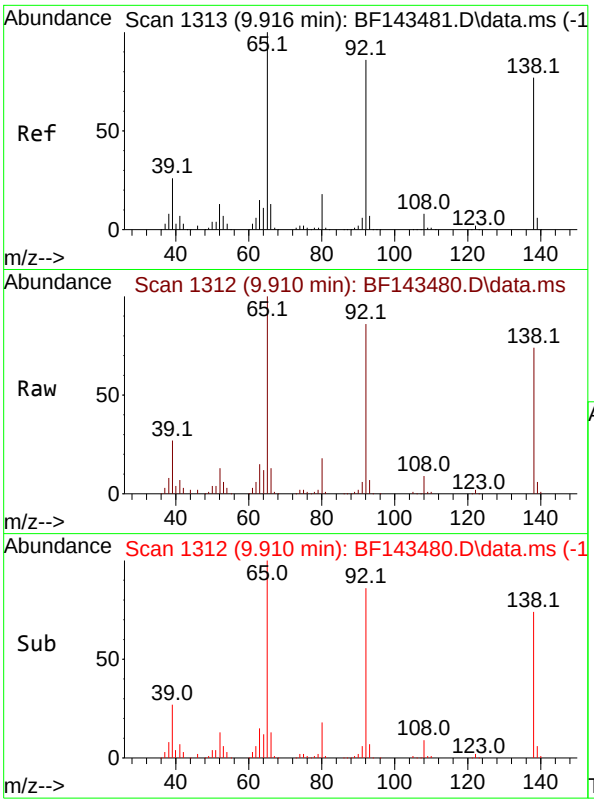


#52
Acenaphthene
Concen: 20.998 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:154 Resp: 310782

Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.5	134.3
152	52.9	42.5	63.7



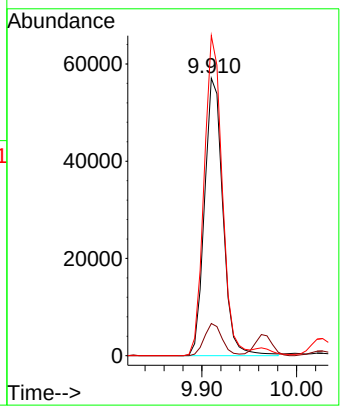


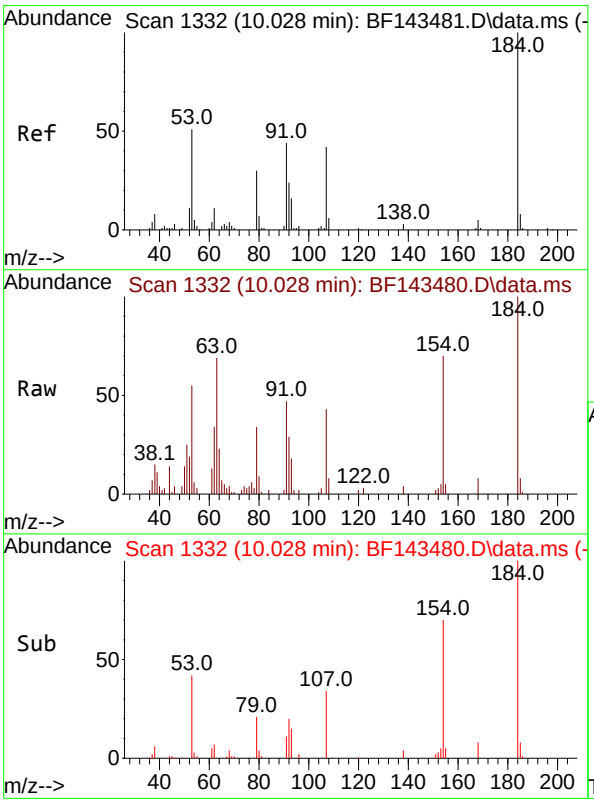
#53
3-Nitroaniline
Concen: 20.791 ng
RT: 9.910 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 76663

Ion	Ratio	Lower	Upper
138	100		
108	11.6	8.6	13.0
92	115.3	89.8	134.8

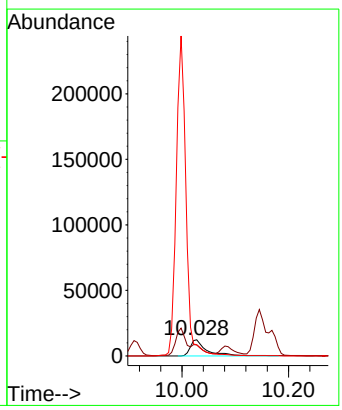


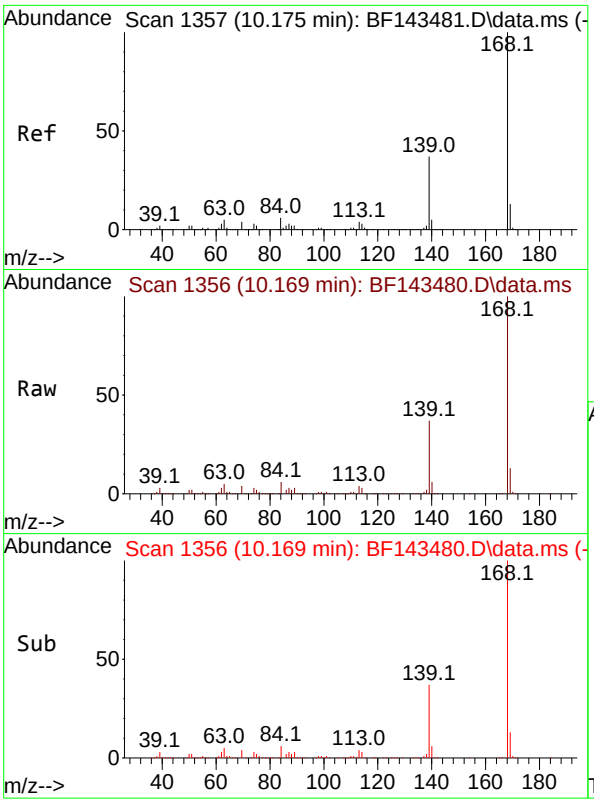


#54
2,4-Dinitrophenol
Concen: 19.096 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:184 Resp: 26974

Ion	Ratio	Lower	Upper
184	100		
63	68.7	52.6	78.8
154	69.6	51.0	76.4



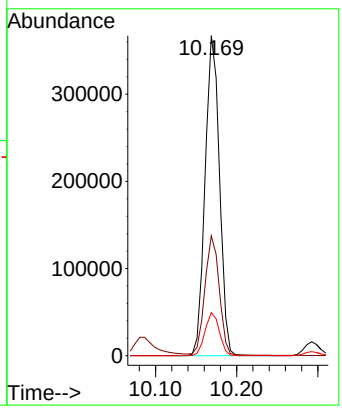


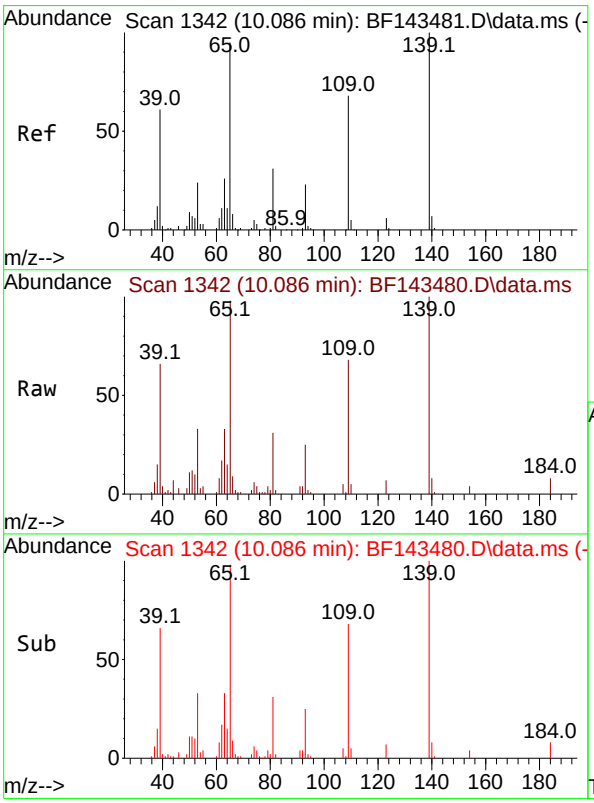
#55
Dibenzofuran
Concen: 21.335 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:168 Resp: 450207

Ion	Ratio	Lower	Upper
168	100		
139	37.4	29.8	44.6
169	13.5	10.8	16.2

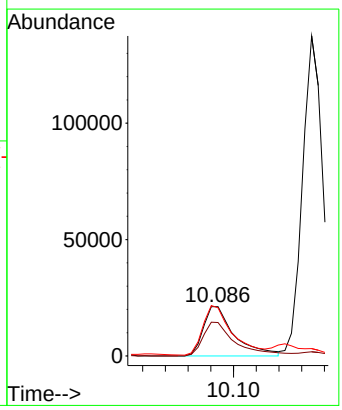


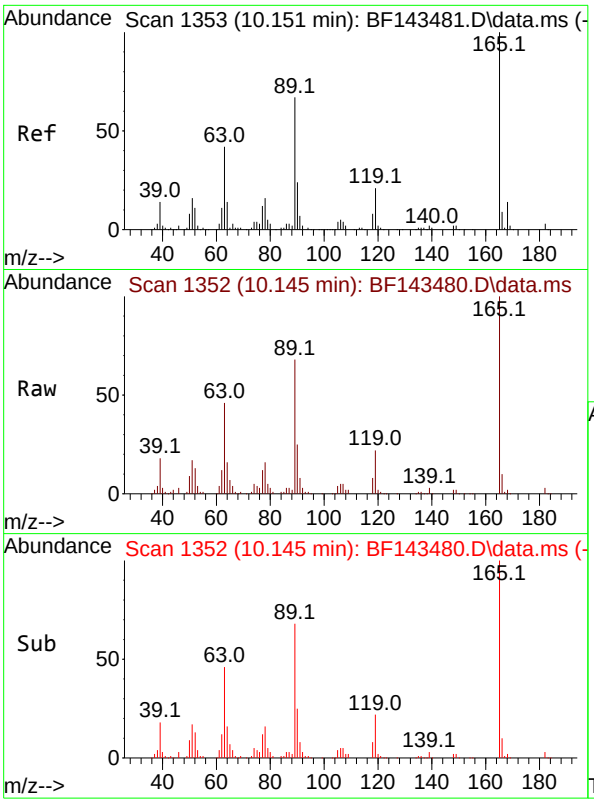


#56
4-Nitrophenol
Concen: 18.359 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:139 Resp: 40278

Ion	Ratio	Lower	Upper
139	100		
109	67.8	48.2	88.2
65	97.6	75.8	115.8



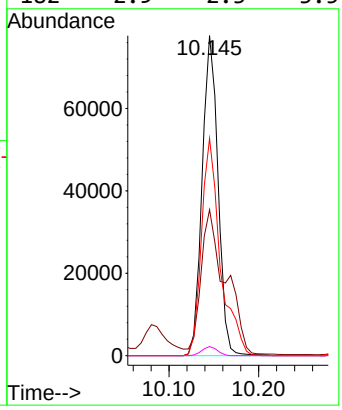


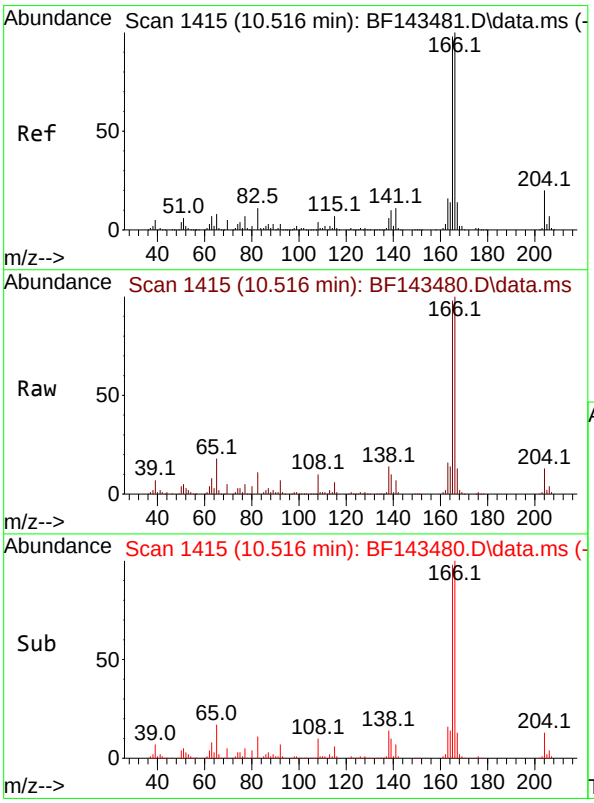
#57
2,4-Dinitrotoluene
Concen: 20.923 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 95333

Ion	Ratio	Lower	Upper
165	100		
63	45.6	34.9	52.3
89	67.9	53.3	79.9
182	2.9	2.3	3.5

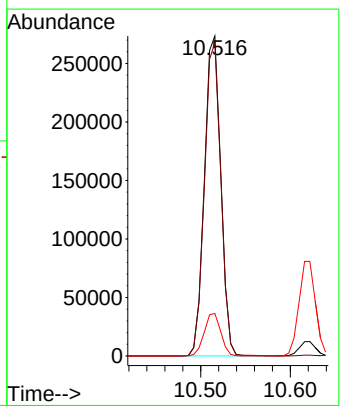


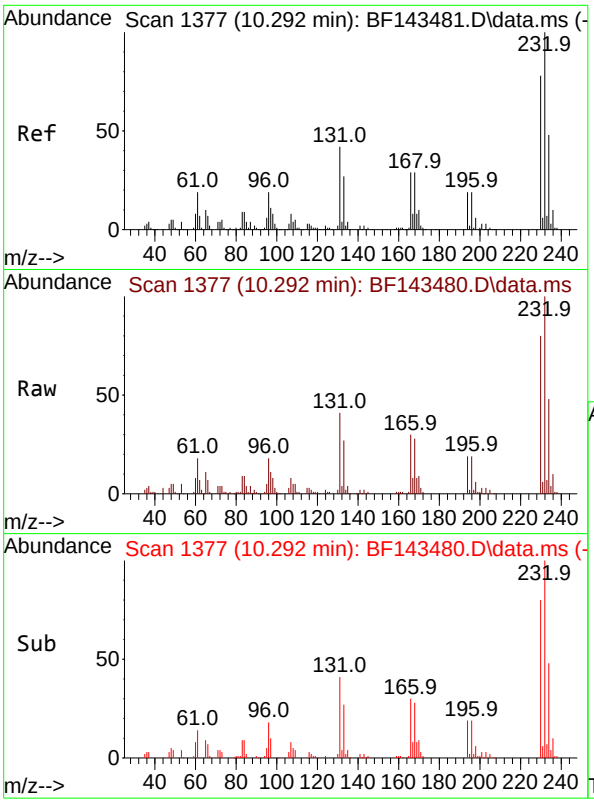


#58
Fluorene
Concen: 21.370 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:166 Resp: 347075

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.3	117.5
167	13.3	11.0	16.4



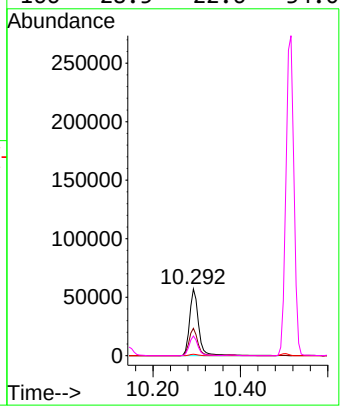


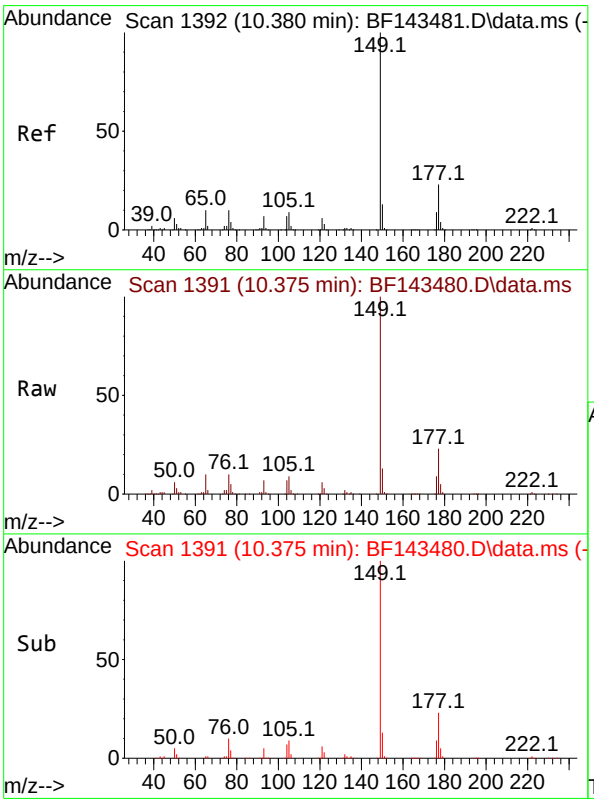
#59
2,3,4,6-Tetrachlorophenol
Concen: 20.905 ng
RT: 10.292 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:232 Resp: 81629

Ion	Ratio	Lower	Upper
232	100		
131	39.8	32.7	49.1
130	1.8	1.6	2.4
166	28.5	22.6	34.0

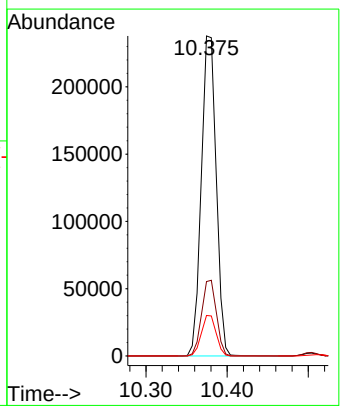


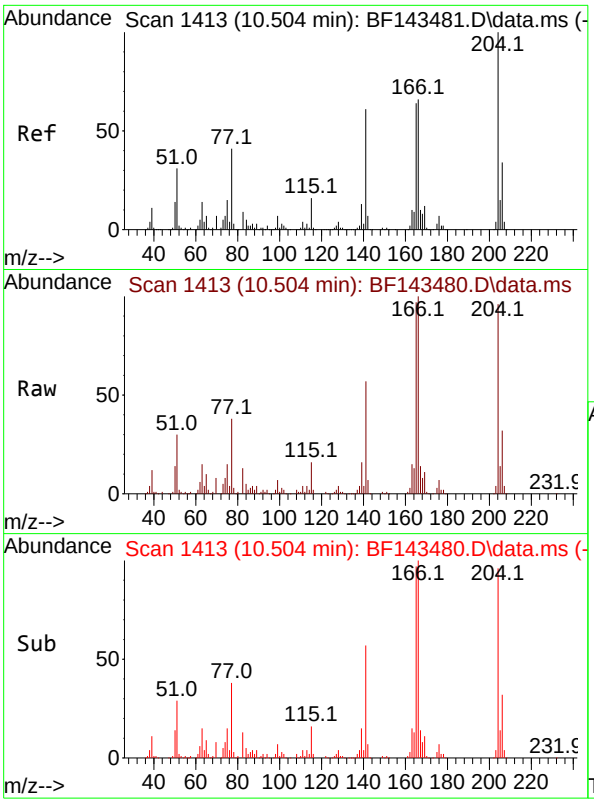


#60
Diethylphthalate
Concen: 20.558 ng
RT: 10.375 min Scan# 1391
Delta R.T. -0.012 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:149 Resp: 303476

Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.3	27.5
150	12.7	10.3	15.5



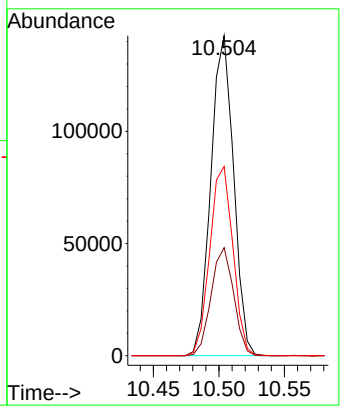


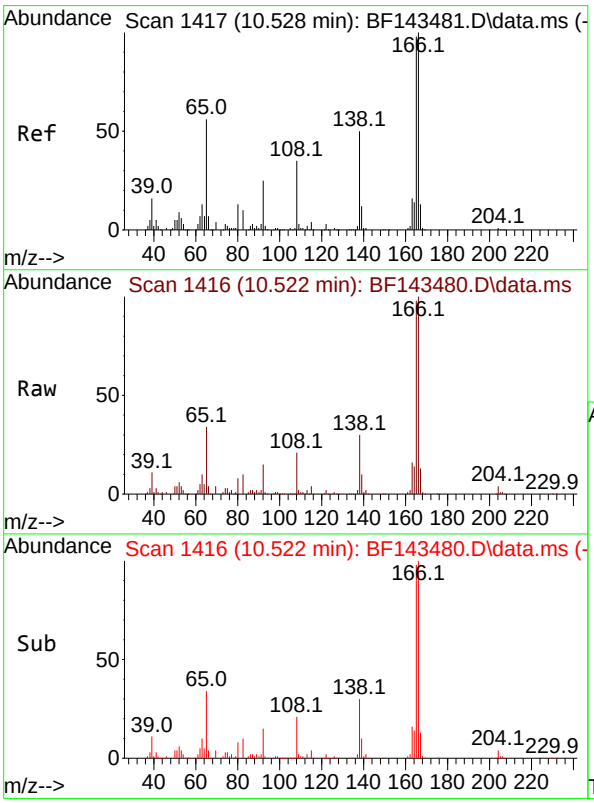
#61
4-Chlorophenyl-phenylether
Concen: 21.142 ng
RT: 10.504 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 171724

Ion	Ratio	Lower	Upper
204	100		
206	33.7	27.0	40.4
141	59.1	48.7	73.1

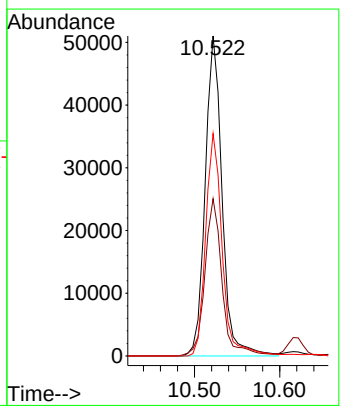


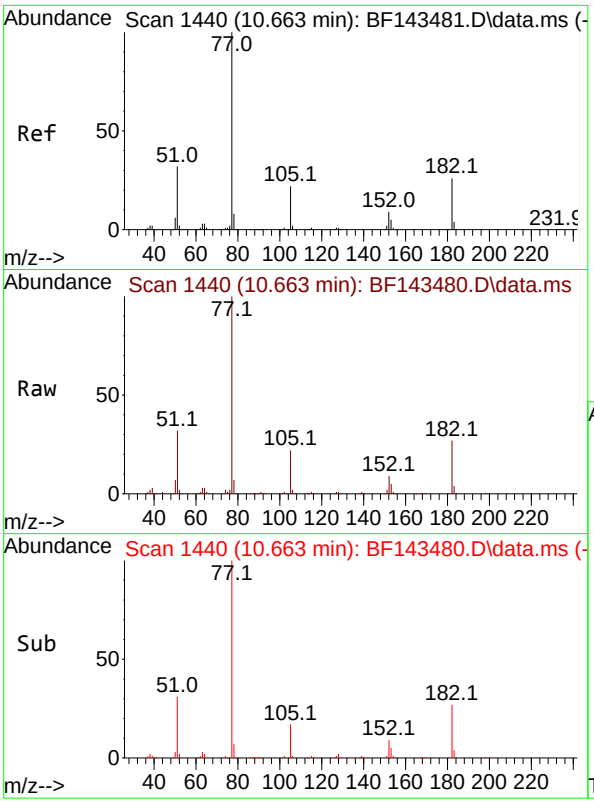


#62
4-Nitroaniline
Concen: 20.840 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.018 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:138 Resp: 70583

Ion	Ratio	Lower	Upper
138	100		
92	49.1	29.3	69.3
108	69.5	50.7	90.7



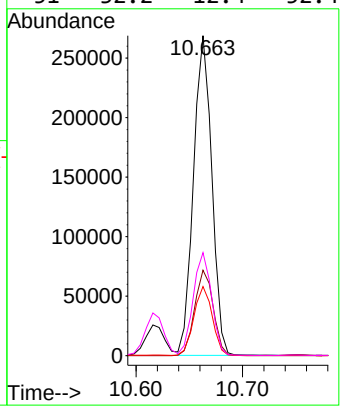


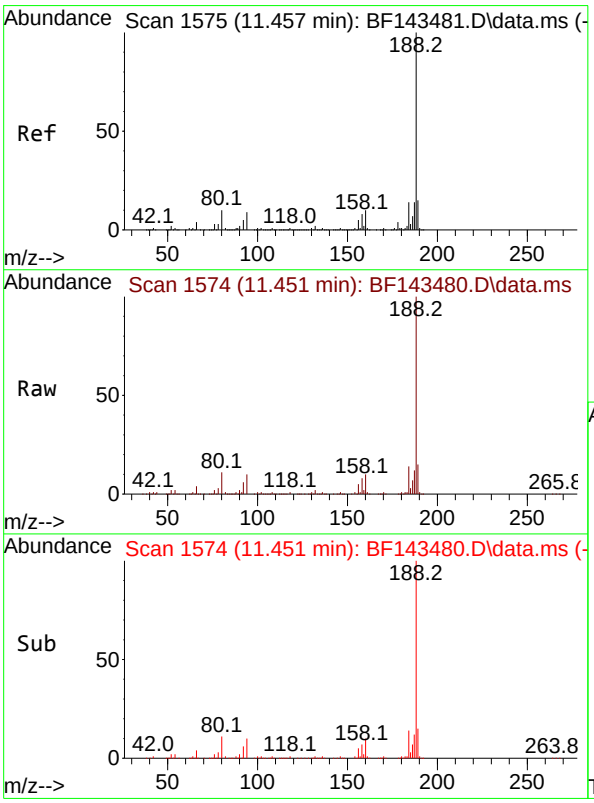
#63
Azobenzene
Concen: 21.019 ng
RT: 10.663 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 321721

Ion	Ratio	Lower	Upper
77	100		
182	26.7	6.2	46.2
105	21.6	2.2	42.2
51	32.2	12.4	52.4

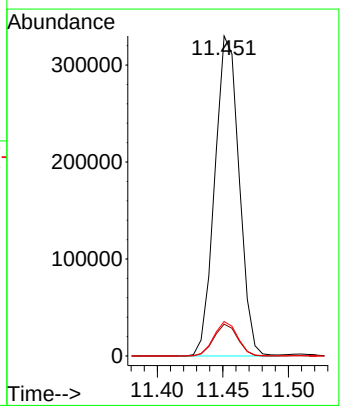


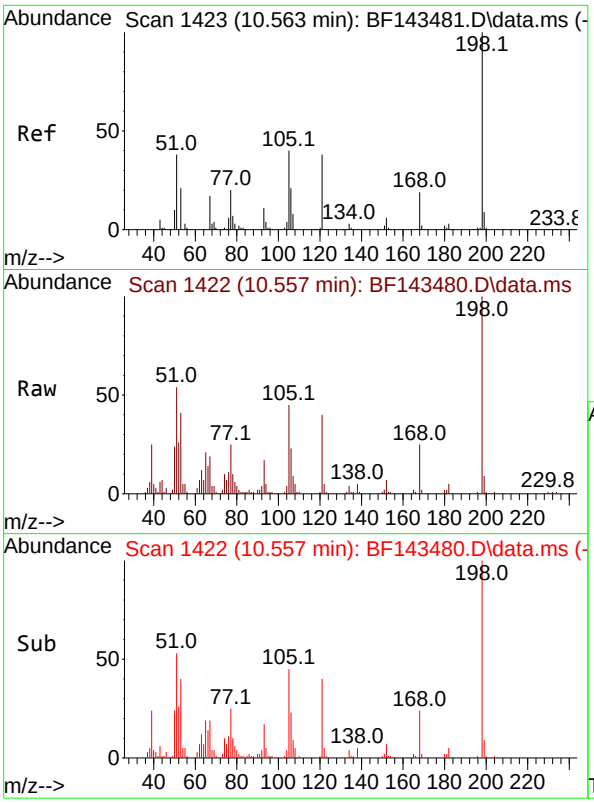


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:188 Resp: 425626

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.4	11.2
80	10.8	8.2	12.4



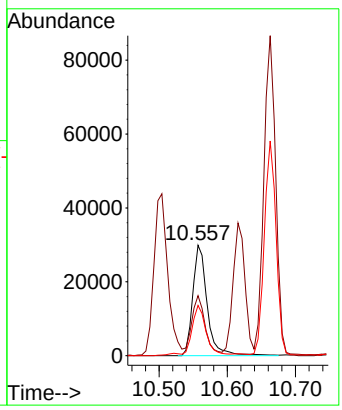


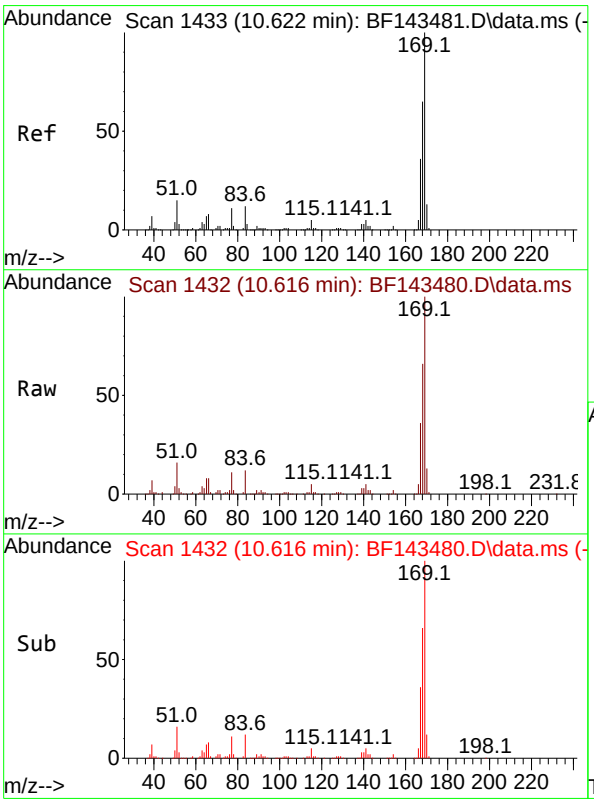
#65
4,6-Dinitro-2-methylphenol
Concen: 18.261 ng
RT: 10.557 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 43824

Ion	Ratio	Lower	Upper
198	100		
51	54.3	29.6	69.6
105	45.5	21.5	61.5

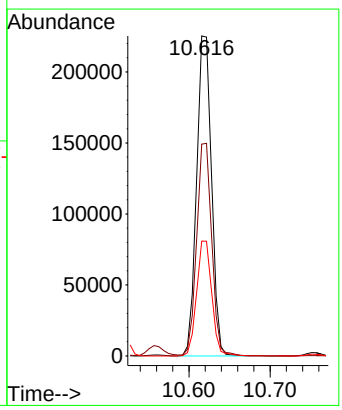


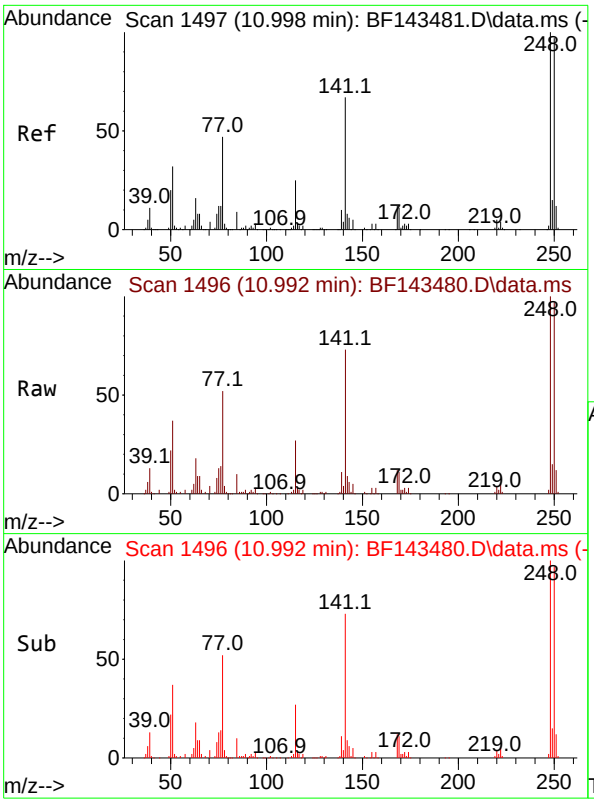


#66
n-Nitrosodiphenylamine
Concen: 21.089 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:169 Resp: 288871

Ion	Ratio	Lower	Upper
169	100		
168	66.2	52.4	78.6
167	35.9	28.9	43.3



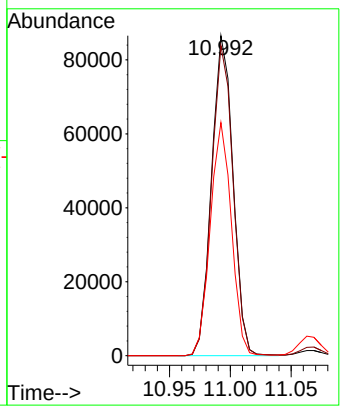


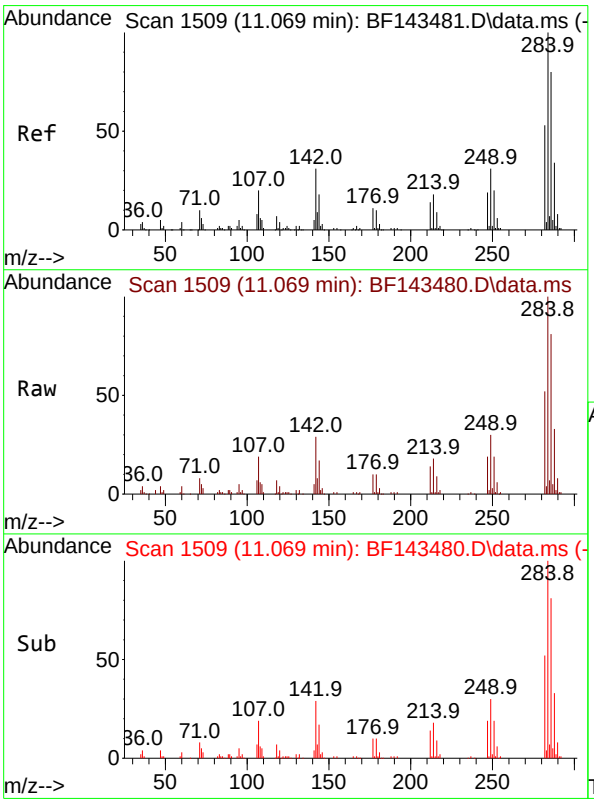
#67
4-Bromophenyl-phenylether
Concen: 20.944 ng
RT: 10.992 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 106363

Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.8	116.8
141	72.9	54.0	81.0

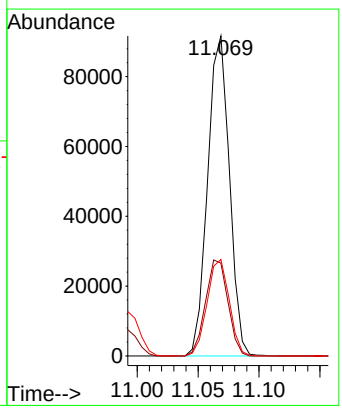


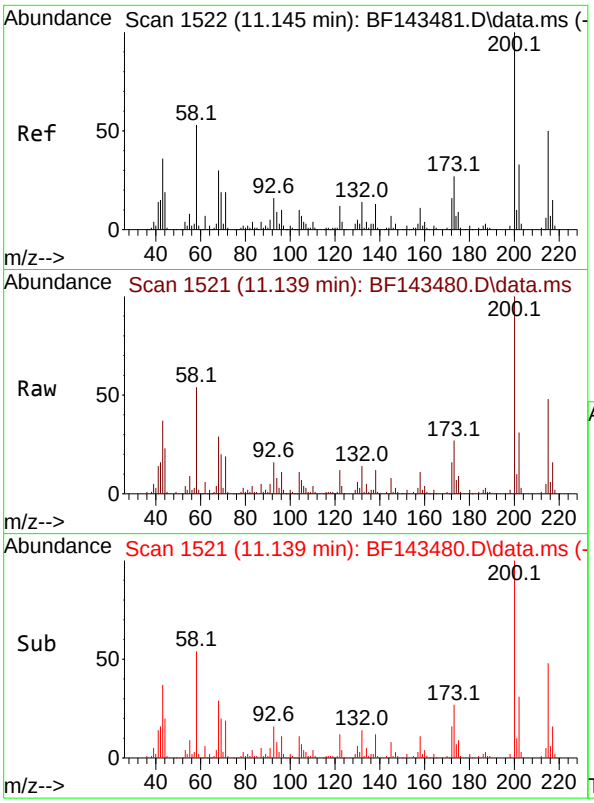


#68
Hexachlorobenzene
Concen: 20.773 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:284 Resp: 113714

Ion	Ratio	Lower	Upper
284	100		
142	29.0	24.4	36.6
249	30.2	25.0	37.6



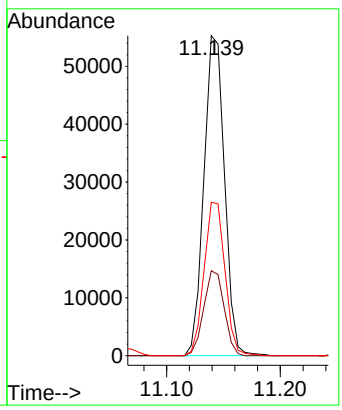


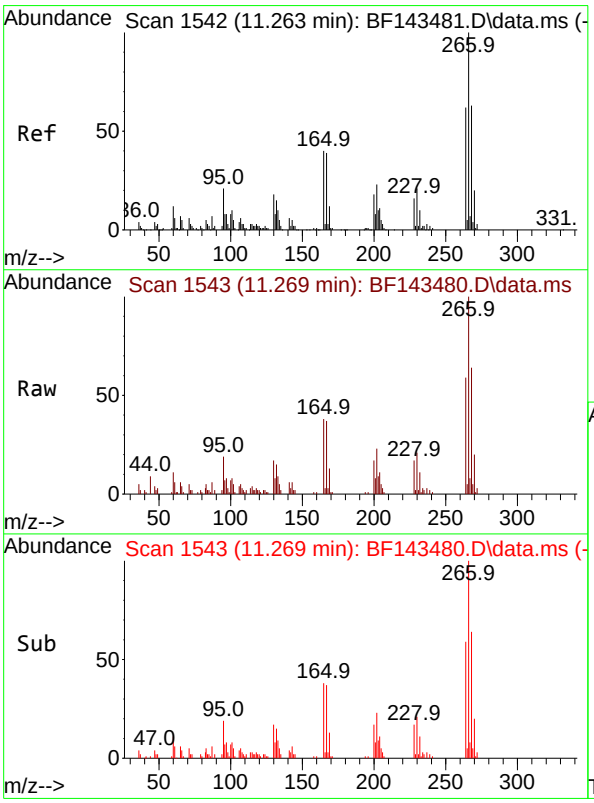
#69
Atrazine
Concen: 19.750 ng
RT: 11.139 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:200 Resp: 69831

Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.9	46.9
215	48.0	30.0	70.0

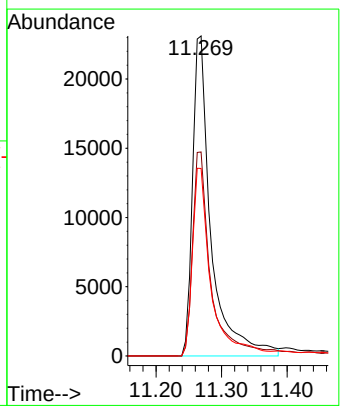


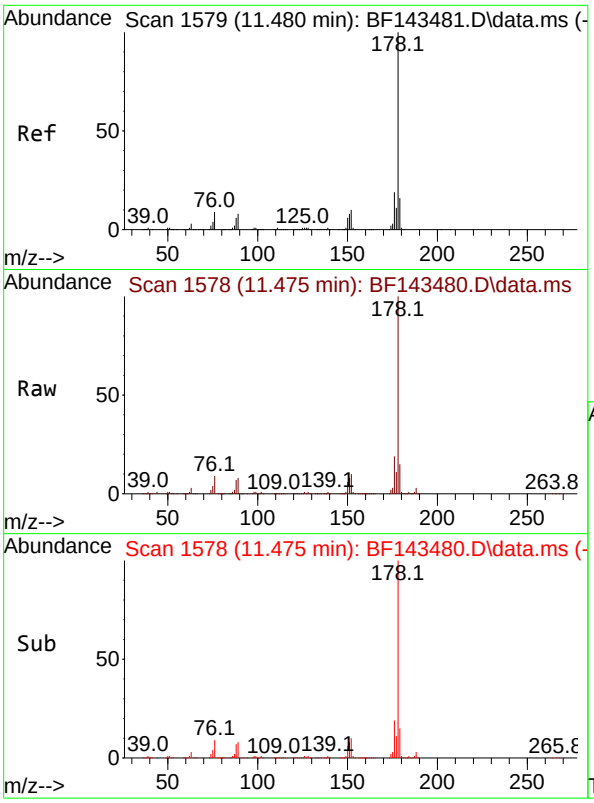


#70
Pentachlorophenol
Concen: 18.070 ng
RT: 11.269 min Scan# 1543
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:266 Resp: 45302

Ion	Ratio	Lower	Upper
266	100		
268	63.7	50.5	75.7
264	58.6	49.8	74.8



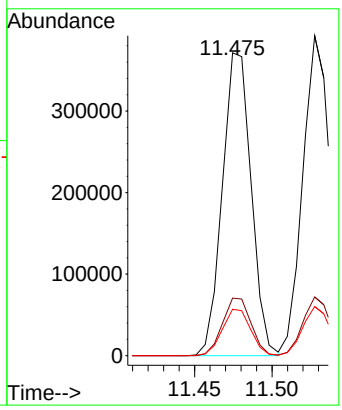


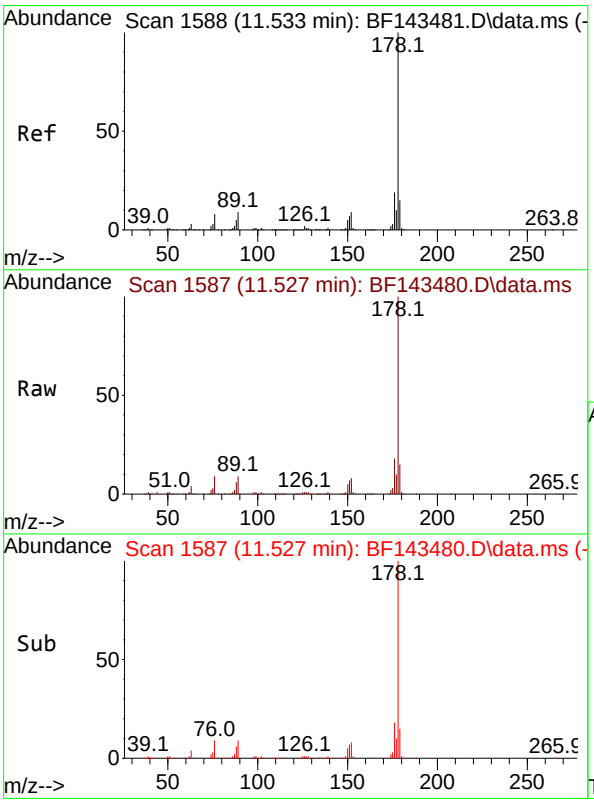
#71
Phenanthrene
Concen: 21.099 ng
RT: 11.475 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 480915

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.3	12.5	18.7

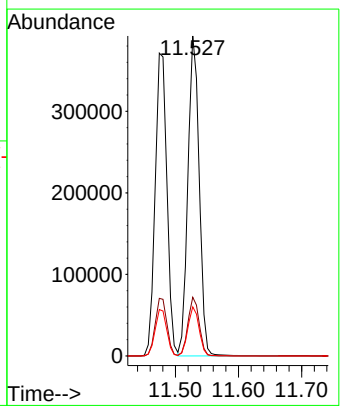


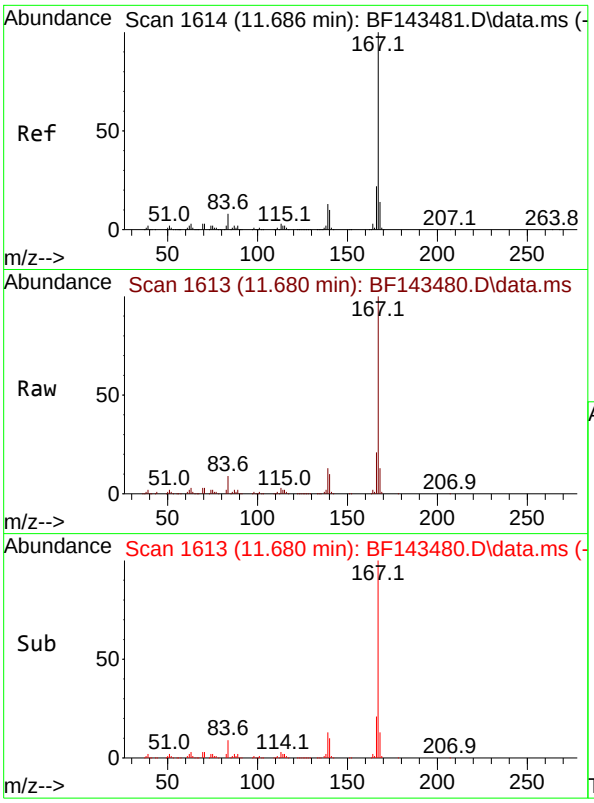


#72
Anthracene
Concen: 21.164 ng
RT: 11.527 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:178 Resp: 488675

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	15.4	12.3	18.5



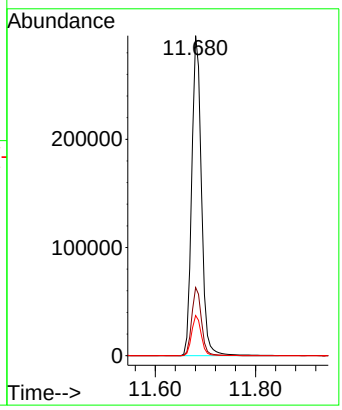


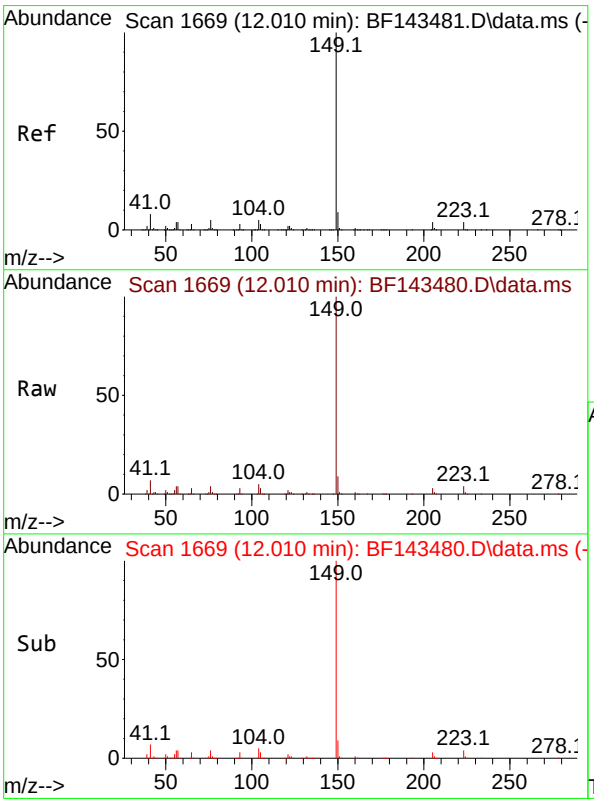
#73
Carbazole
Concen: 20.967 ng
RT: 11.680 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:167 Resp: 396704

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.3	25.9
139	12.6	10.0	15.0

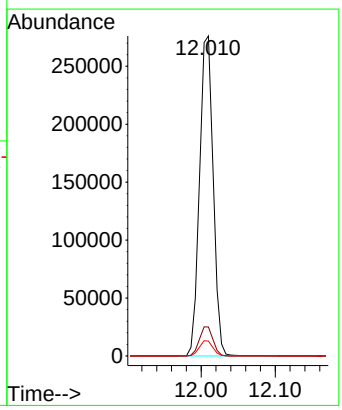


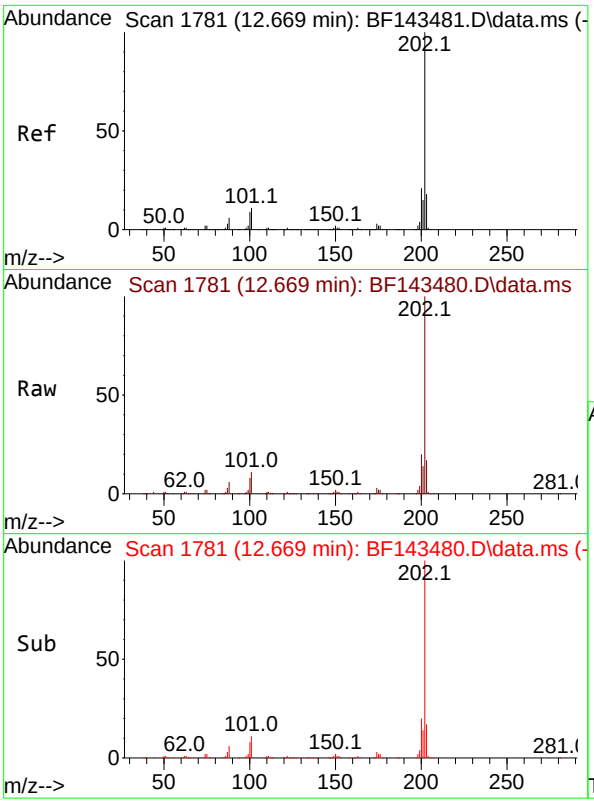


#74
Di-n-butylphthalate
Concen: 20.013 ng
RT: 12.010 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:149 Resp: 353228

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.2	10.8
104	4.6	3.6	5.4



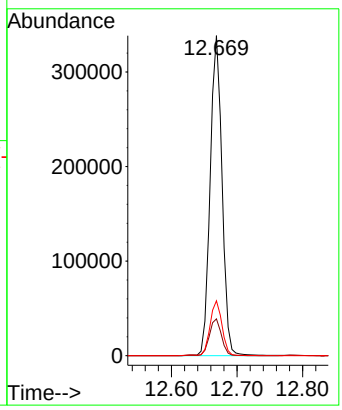


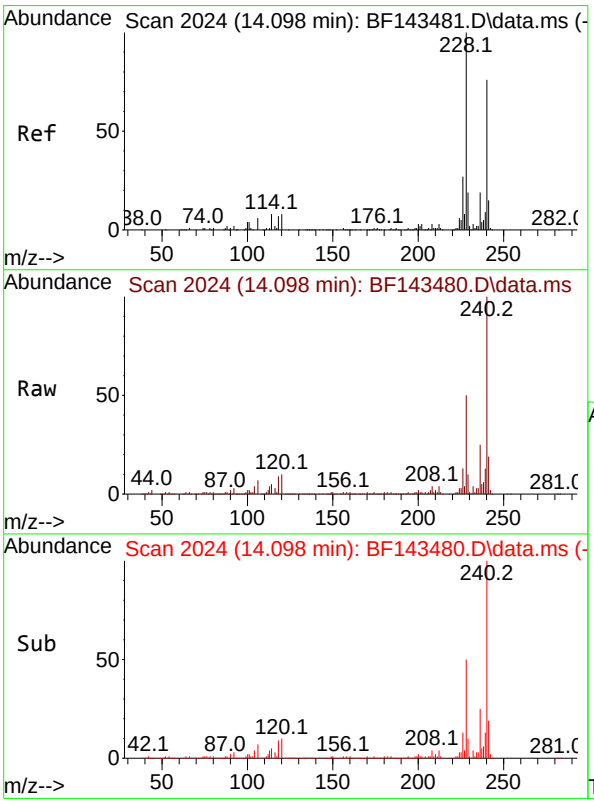
#75
Fluoranthene
Concen: 20.846 ng
RT: 12.669 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:202 Resp: 426351

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.3
203	17.1	0.0	37.9

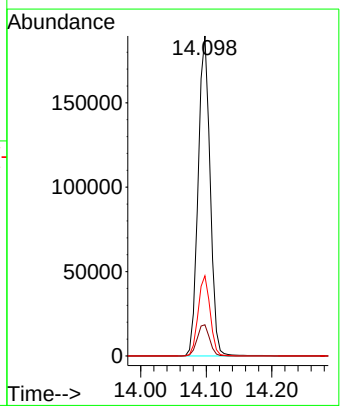


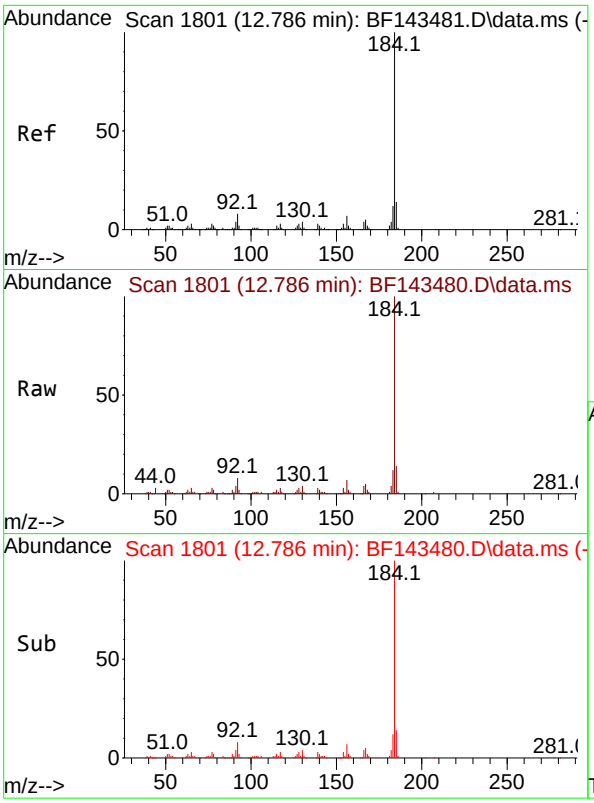


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:240 Resp: 241250

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.6	12.8
236	25.0	20.4	30.6



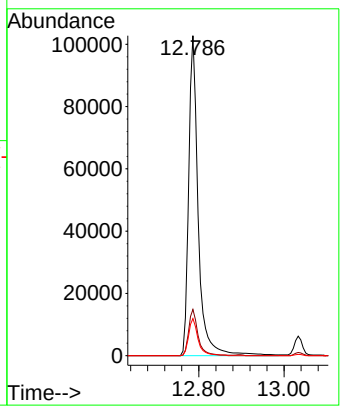


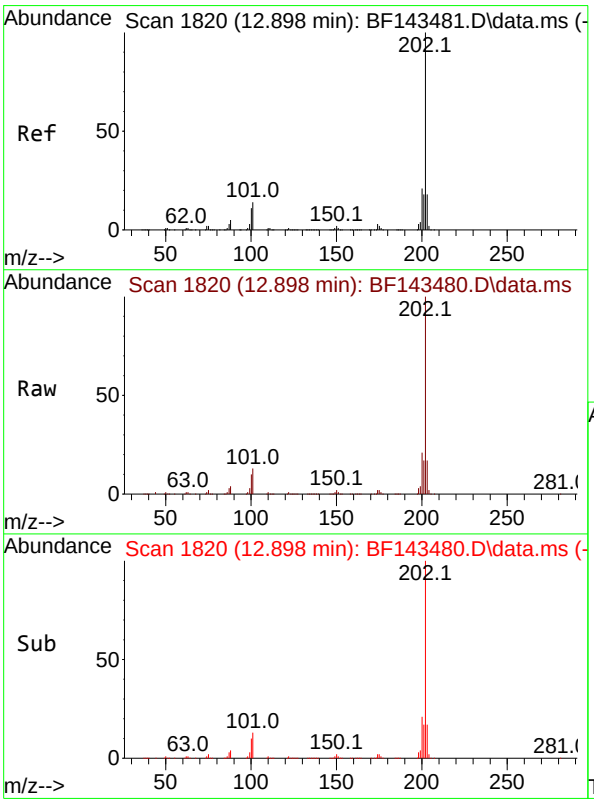
#77
Benzidine
Concen: 27.286 ng
RT: 12.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 160347

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.3	16.9
183	11.6	9.5	14.3

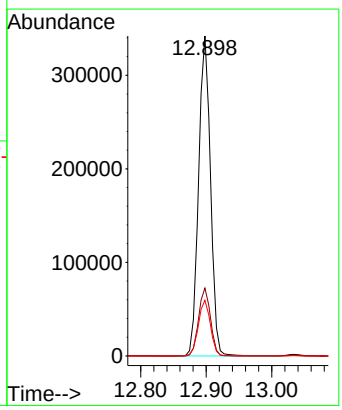


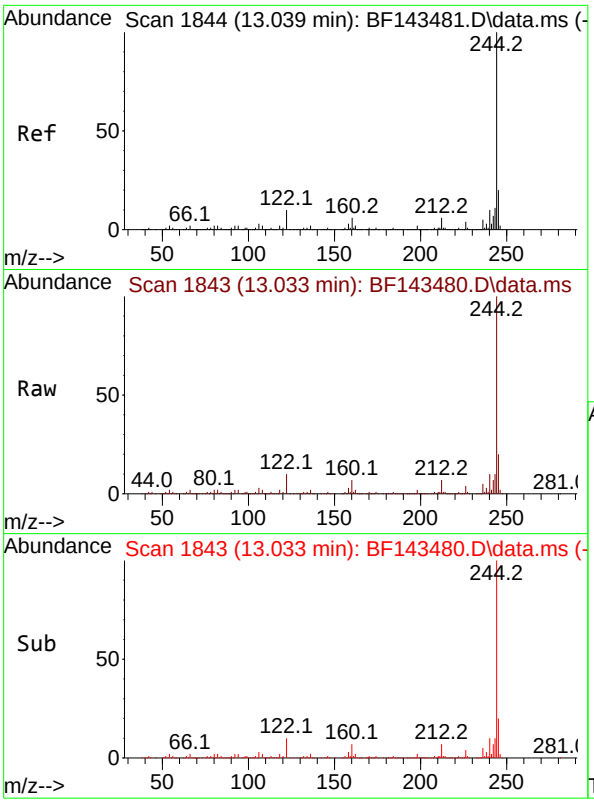


#78
Pyrene
Concen: 21.798 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:202 Resp: 432575

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.4	14.3	21.5



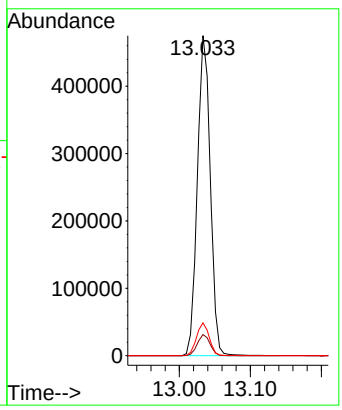


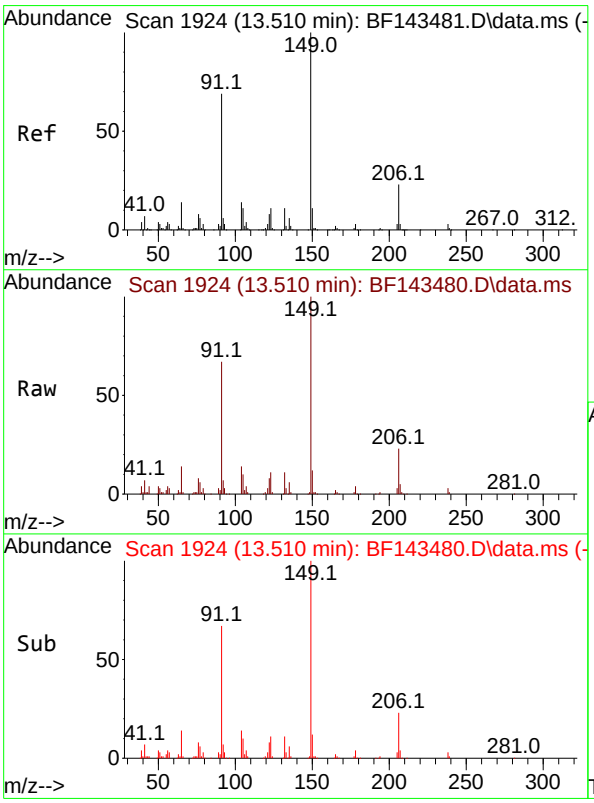
#79
Terphenyl-d14
Concen: 43.541 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:244 Resp: 601957

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	10.3	7.9	11.9

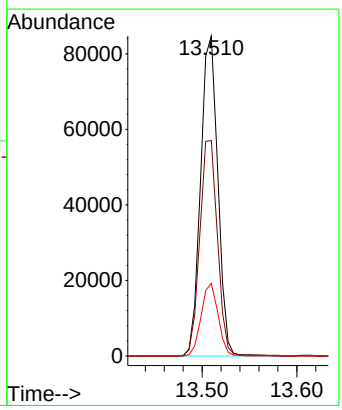


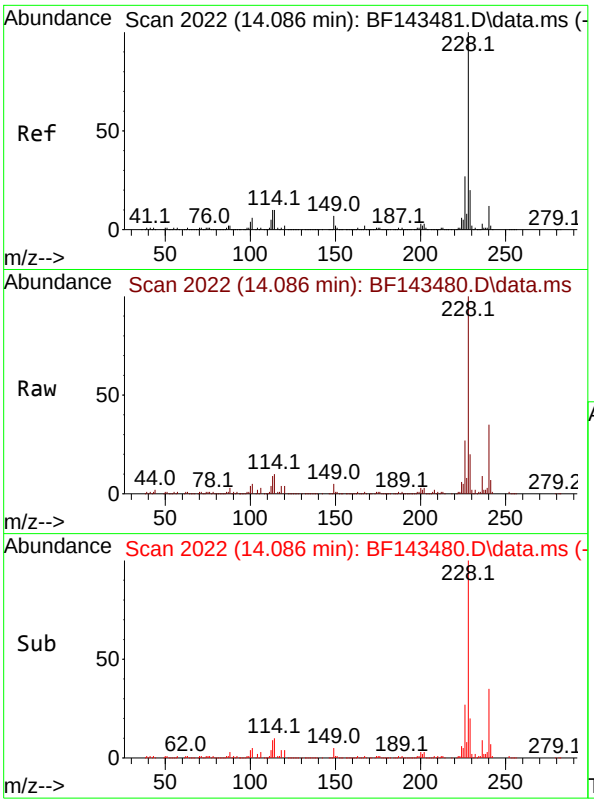


#80
Butylbenzylphthalate
Concen: 19.698 ng
RT: 13.510 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:149 Resp: 106788

Ion	Ratio	Lower	Upper
149	100		
91	67.3	55.3	82.9
206	22.7	18.2	27.4



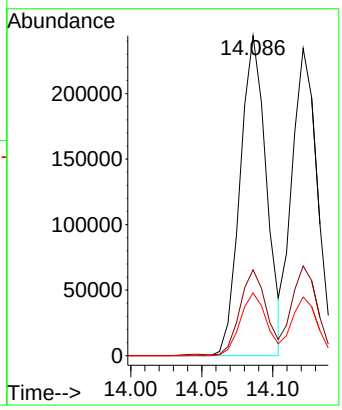


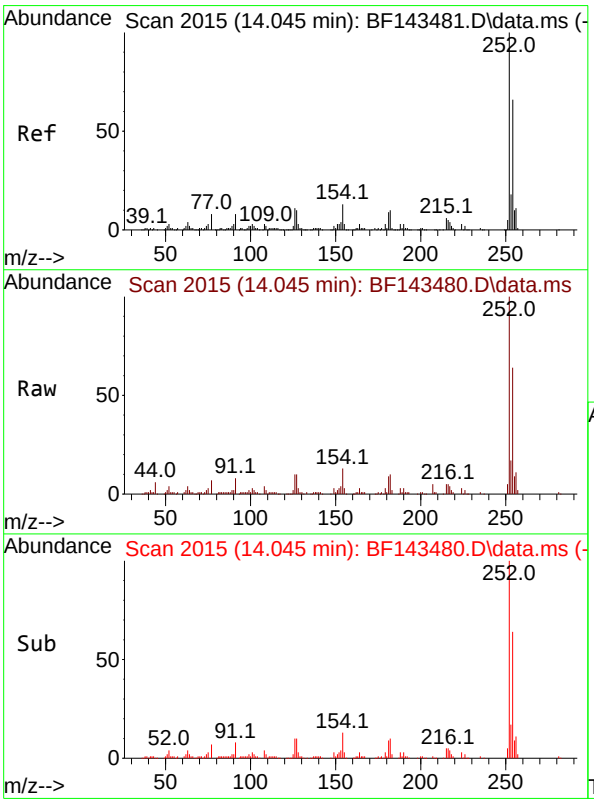
#81
Benzo(a)anthracene
Concen: 20.196 ng
RT: 14.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 313687

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	19.6	15.7	23.5

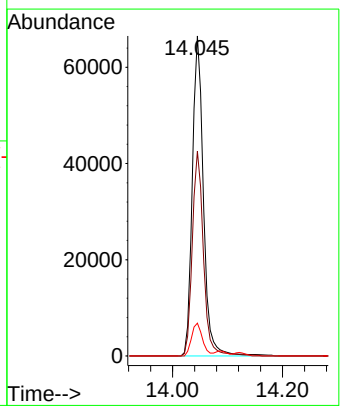


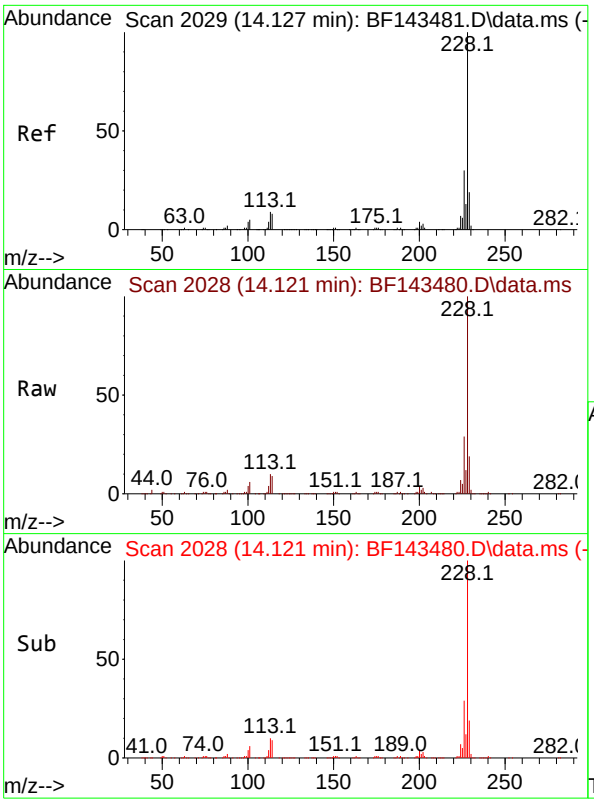


#82
3,3'-Dichlorobenzidine
Concen: 20.959 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:252 Resp: 93226

Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.6	79.0
126	10.3	8.7	13.1



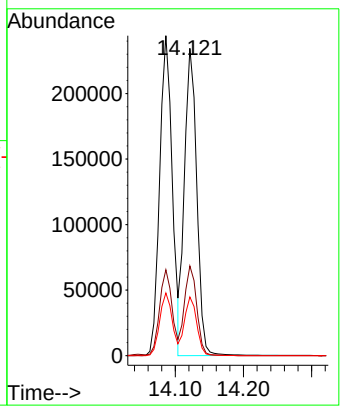


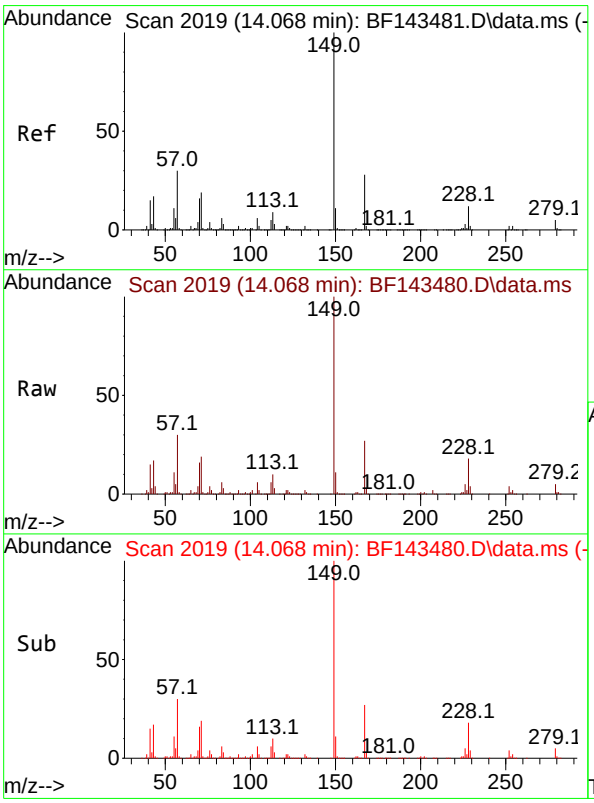
#83
Chrysene
Concen: 20.957 ng
RT: 14.121 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 292523

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.7	35.5
229	19.1	15.7	23.5

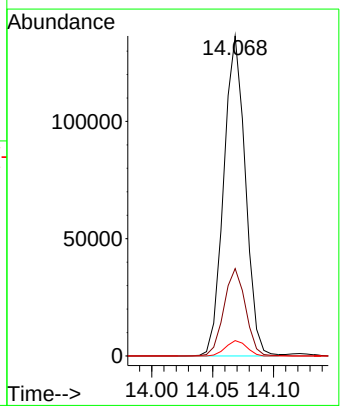


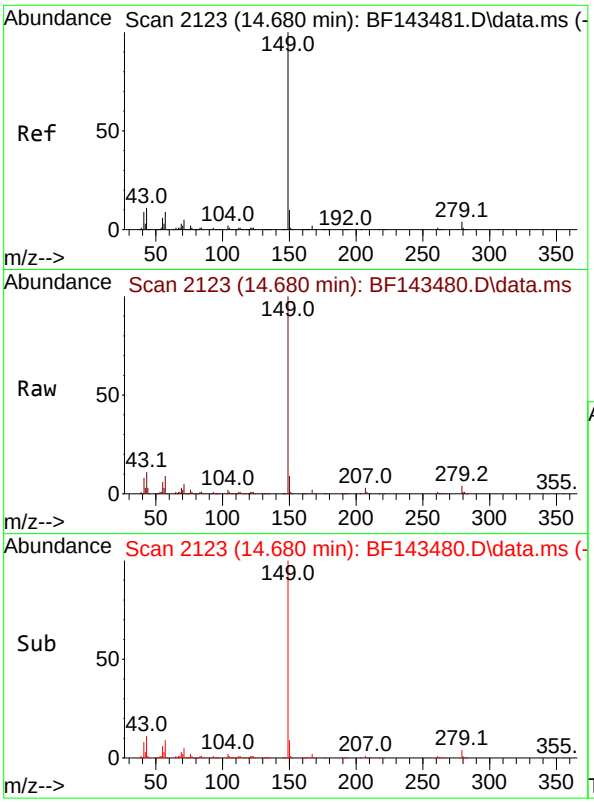


#84
Bis(2-ethylhexyl)phthalate
Concen: 20.434 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:149 Resp: 168717

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.2	33.2
279	4.8	3.6	5.4



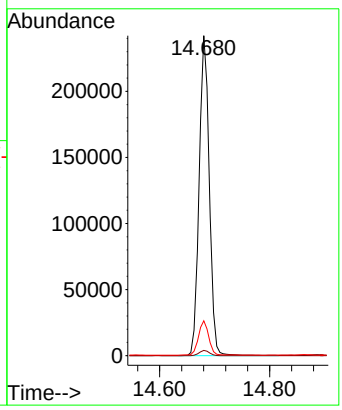


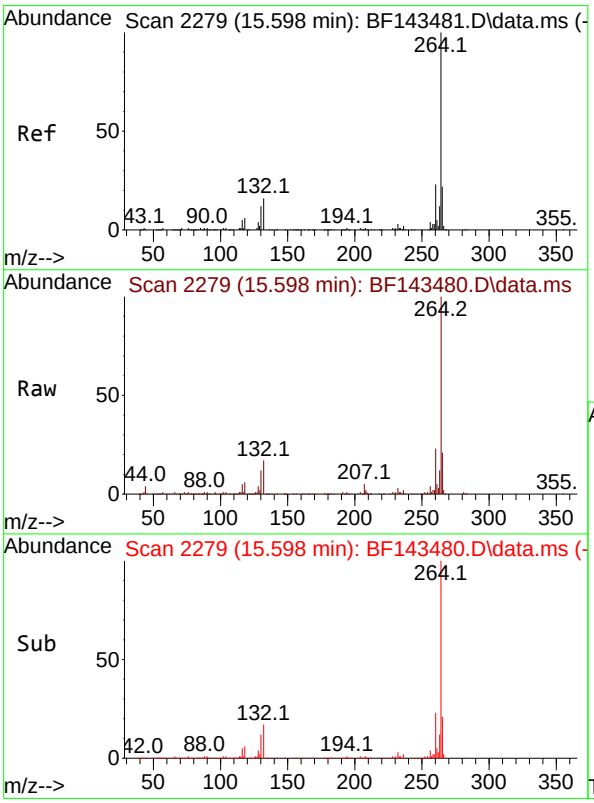
#85
Di-n-octyl phthalate
Concen: 20.329 ng
RT: 14.680 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:149 Resp: 310954

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	11.0	8.5	12.7

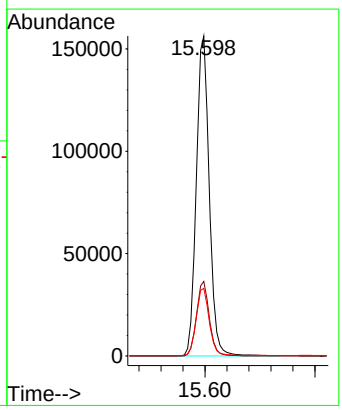


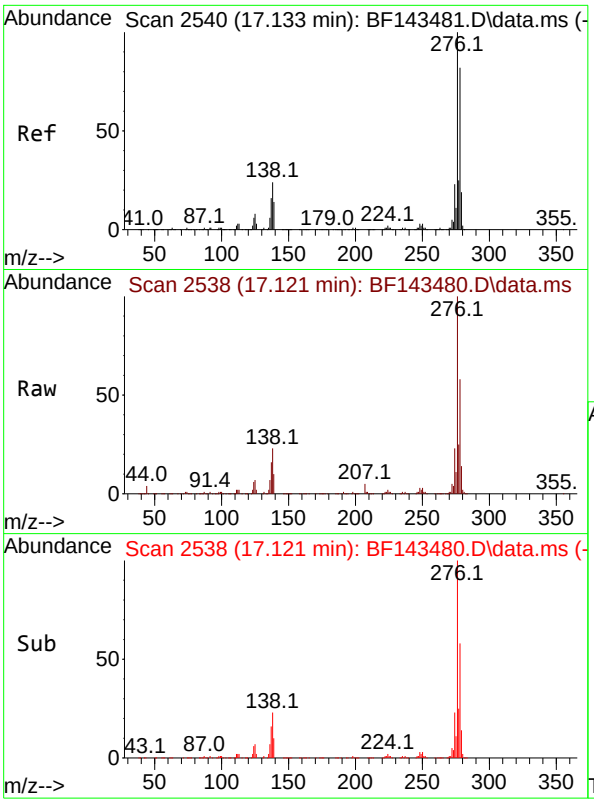


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:264 Resp: 255472

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.1	17.6	26.4



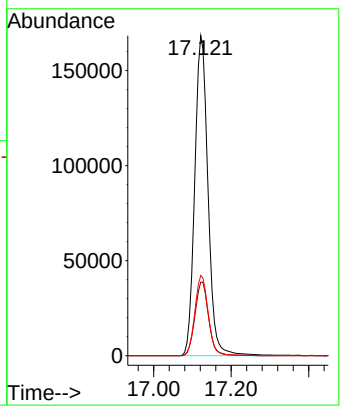


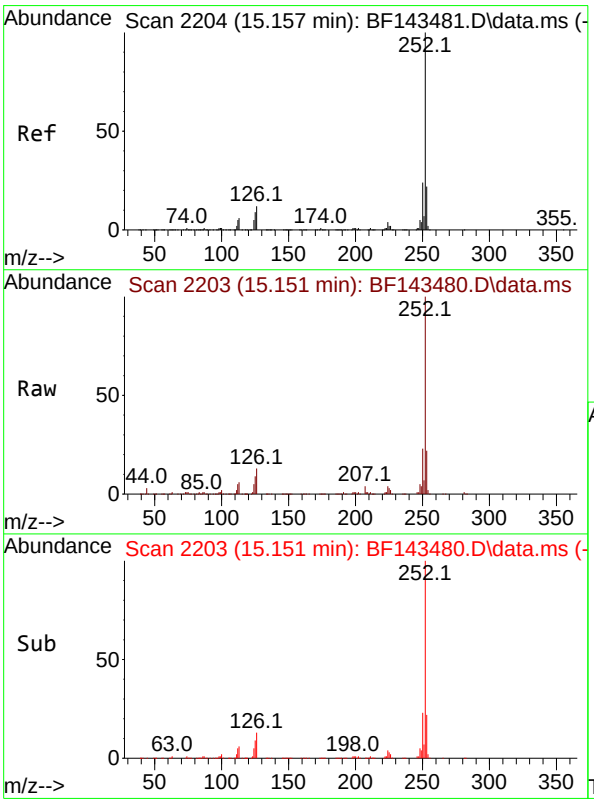
#87
Indeno(1,2,3-cd)pyrene
Concen: 21.773 ng
RT: 17.121 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:276 Resp: 399711

Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.2	28.8
277	25.2	20.3	30.5

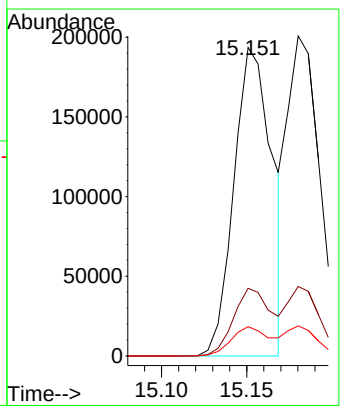


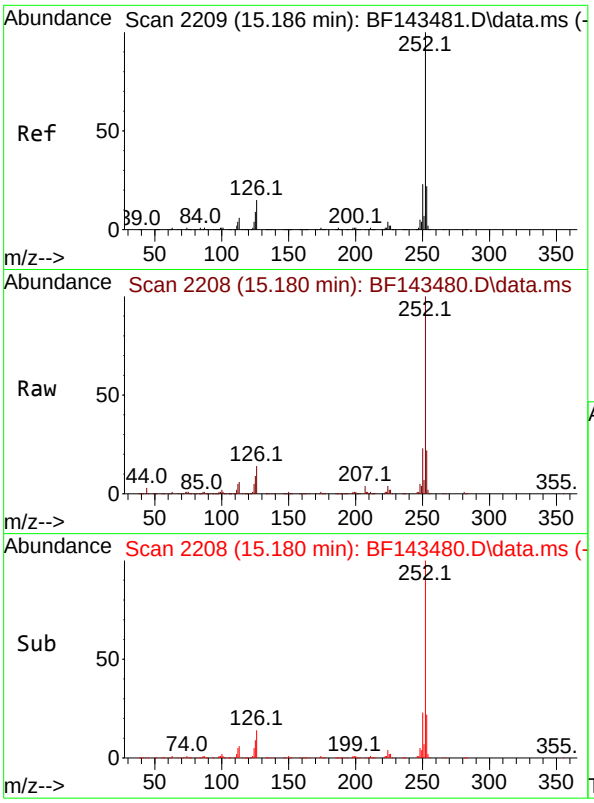


#88
Benzo(b)fluoranthene
Concen: 21.268 ng
RT: 15.151 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:252 Resp: 302016

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.5	7.4	11.0



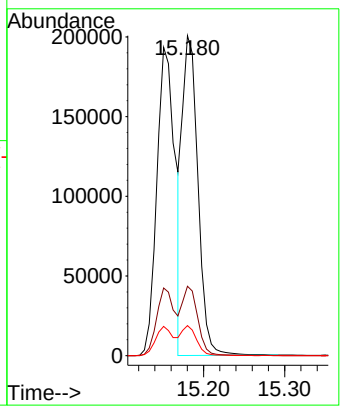


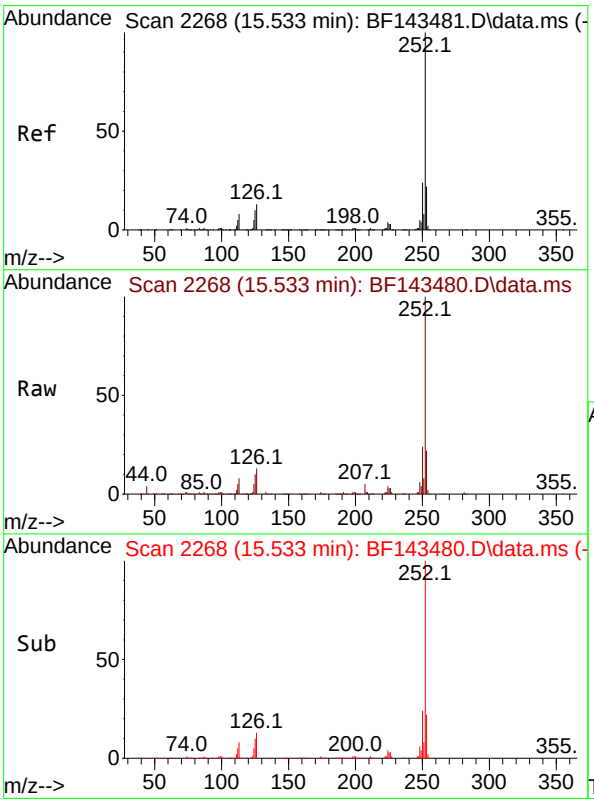
#89
Benzo(k)fluoranthene
Concen: 19.835 ng
RT: 15.180 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:252 Resp: 269685

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	9.4	7.4	11.0

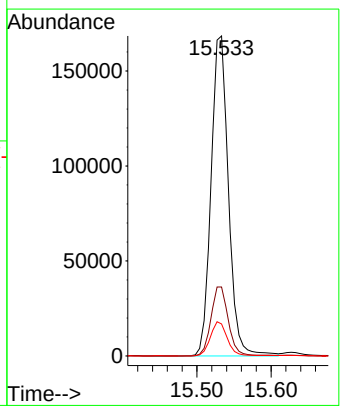


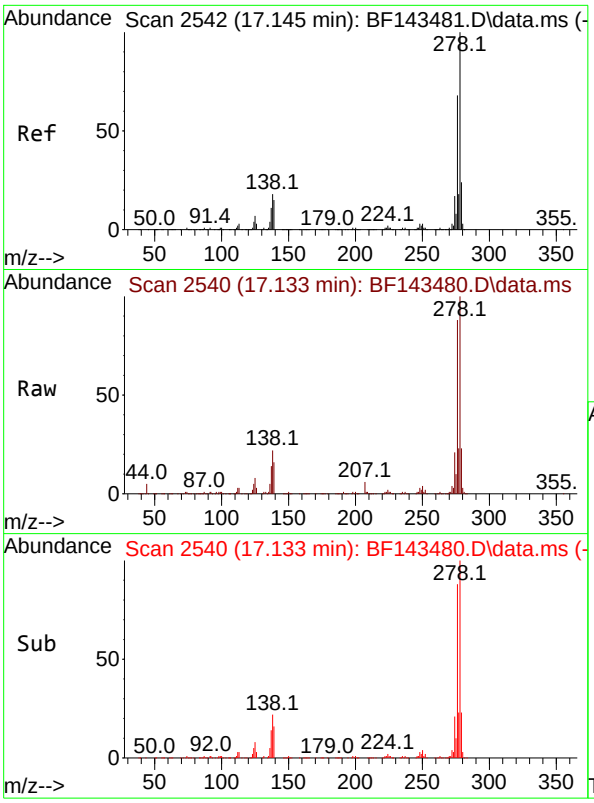


#90
Benzo(a)pyrene
Concen: 20.819 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:252 Resp: 274418

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	10.0	8.2	12.2



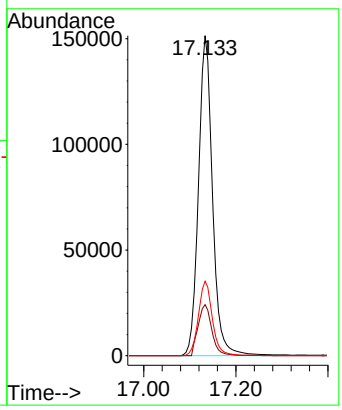


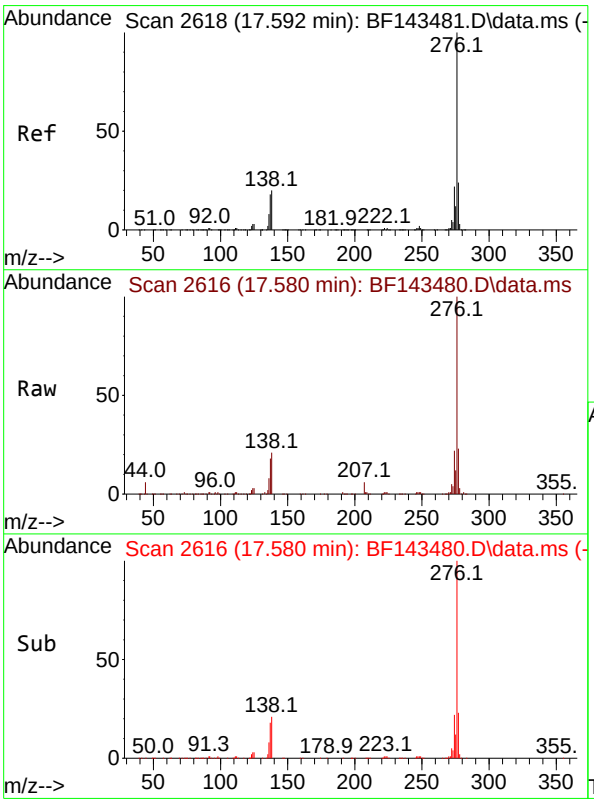
#91
Dibenzo(a,h)anthracene
Concen: 21.891 ng
RT: 17.133 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 321851

Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.1	18.1
279	23.3	19.2	28.8

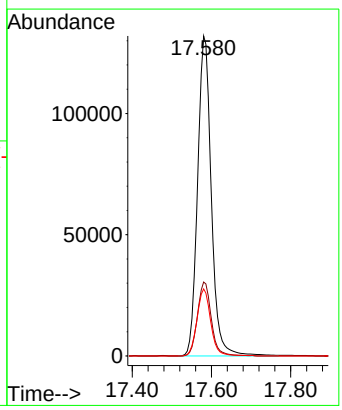




#92
Benzo(g,h,i)perylene
Concen: 21.701 ng
RT: 17.580 min Scan# 2616
Delta R.T. -0.024 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:276 Resp: 317263

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.9	28.3
138	21.0	16.3	24.5



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143481.D
Acq On : 20 Aug 2025 12:53
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Aug 20 16:23:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	137770	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	521928	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	282852	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	436106	20.000	ng	0.00
76) Chrysene-d12	14.098	240	249960	20.000	ng	0.00
86) Perylene-d12	15.598	264	288139	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	627397	79.519	ng	0.00
7) Phenol-d6	6.563	99	775270	79.600	ng	-0.01
23) Nitrobenzene-d5	7.492	82	717900	80.266	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	212595	80.744	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1307900	76.419	ng	0.00
79) Terphenyl-d14	13.039	244	1129659	78.865	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	147614	40.387	ng	100
3) Pyridine	3.522	79	396205	40.700	ng	100
4) n-Nitrosodimethylamine	3.463	42	176726	40.383	ng	100
6) Aniline	6.592	93	520870	40.010	ng	100
8) 2-Chlorophenol	6.716	128	349331	40.086	ng	100
9) Benzaldehyde	6.481	77	330624	41.929	ng	100
10) Phenol	6.581	94	453508	40.419	ng	100
11) bis(2-Chloroethyl)ether	6.657	93	334229	39.862	ng	100
12) 1,3-Dichlorobenzene	6.869	146	389485	39.778	ng	100
13) 1,4-Dichlorobenzene	6.945	146	388762	39.581	ng	100
14) 1,2-Dichlorobenzene	7.098	146	371439	39.943	ng	100
15) Benzyl Alcohol	7.069	79	298360	40.916	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.198	45	538319	40.131	ng	100
17) 2-Methylphenol	7.187	107	278676	39.844	ng	100
18) Hexachloroethane	7.439	117	135258	40.503	ng	100
19) n-Nitroso-di-n-propyla...	7.339	70	232621	39.076	ng	100
20) 3+4-Methylphenols	7.334	107	335474	40.179	ng	100
22) Acetophenone	7.334	105	436693	38.728	ng	100
24) Nitrobenzene	7.510	77	371931	40.403	ng	100
25) Isophorone	7.745	82	648362	39.546	ng	100
26) 2-Nitrophenol	7.828	139	185255	41.084	ng	100
27) 2,4-Dimethylphenol	7.863	122	281983	40.116	ng	100
28) bis(2-Chloroethoxy)met...	7.951	93	402757	39.973	ng	100
29) 2,4-Dichlorophenol	8.075	162	301002	40.095	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	305107	39.529	ng	100
31) Naphthalene	8.234	128	984671	39.296	ng	100
32) Benzoic acid	7.981	122	151495	39.150	ng	100
33) 4-Chloroaniline	8.281	127	357854	40.237	ng	100
34) Hexachlorobutadiene	8.351	225	200199	39.756	ng	100
35) Caprolactam	8.651	113	73867	41.004	ng	100
36) 4-Chloro-3-methylphenol	8.763	107	300101	39.889	ng	100
37) 2-Methylnaphthalene	8.922	142	660885	39.489	ng	100
38) 1-Methylnaphthalene	9.022	142	629141	39.300	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	319789	39.526	ng	100
41) Hexachlorocyclopentadiene	9.081	237	112053	39.218	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	206042	41.387	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143481.D
Acq On : 20 Aug 2025 12:53
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Aug 20 16:23:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	216152	39.748	ng	100
46) 1,1'-Biphenyl	9.386	154	791238	39.412	ng	100
47) 2-Chloronaphthalene	9.416	162	625355	39.699	ng	100
48) 2-Nitroaniline	9.504	65	190564	41.336	ng	100
49) Acenaphthylene	9.828	152	893624	39.620	ng	100
50) Dimethylphthalate	9.681	163	679389	39.881	ng	100
51) 2,6-Dinitrotoluene	9.745	165	146703	41.551	ng	100
52) Acenaphthene	9.998	154	608648	39.745	ng	100
53) 3-Nitroaniline	9.916	138	157042	41.163	ng	100
54) 2,4-Dinitrophenol	10.028	184	67793	38.822	ng	100
55) Dibenzofuran	10.175	168	861659	39.465	ng	100
56) 4-Nitrophenol	10.086	139	96926	42.699	ng	100
57) 2,4-Dinitrotoluene	10.151	165	198600	42.127	ng	100
58) Fluorene	10.516	166	654929	38.975	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	167834	41.542	ng	100
60) Diethylphthalate	10.380	149	613485	40.167	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	330692	39.350	ng	100
62) 4-Nitroaniline	10.528	138	145120	41.412	ng	100
63) Azobenzene	10.663	77	634664	40.076	ng	100
65) 4,6-Dinitro-2-methylph...	10.563	198	103558	42.115	ng	100
66) n-Nitrosodiphenylamine	10.622	169	558998	39.830	ng	100
67) 4-Bromophenyl-phenylether	10.998	248	210081	40.374	ng	100
68) Hexachlorobenzene	11.069	284	224294	39.989	ng	100
69) Atrazine	11.145	200	146499	40.437	ng	100
70) Pentachlorophenol	11.263	266	108200	42.121	ng	100
71) Phenanthrene	11.480	178	906136	38.800	ng	100
72) Anthracene	11.533	178	936575	39.587	ng	100
73) Carbazole	11.686	167	769702	39.704	ng	100
74) Di-n-butylphthalate	12.010	149	741021	40.975	ng	100
75) Fluoranthene	12.669	202	825200	39.378	ng	100
77) Benzidine	12.786	184	258175	42.403	ng	100
78) Pyrene	12.898	202	817477	39.759	ng	100
80) Butylbenzylphthalate	13.510	149	233397	41.552	ng	100
81) Benzo(a)anthracene	14.086	228	658804	40.938	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	186301	40.425	ng	100
83) Chrysene	14.127	228	556527	38.482	ng	100
84) Bis(2-ethylhexyl)phtha...	14.068	149	354779	41.471	ng	100
85) Di-n-octyl phthalate	14.680	149	649137	40.959	ng	100
87) Indeno(1,2,3-cd)pyrene	17.133	276	835150	40.334	ng	100
88) Benzo(b)fluoranthene	15.157	252	618677	38.627	ng	100
89) Benzo(k)fluoranthene	15.186	252	623043	40.628	ng	100
90) Benzo(a)pyrene	15.533	252	594623	39.996	ng	100
91) Dibenzo(a,h)anthracene	17.145	278	669452	40.370	ng	100
92) Benzo(g,h,i)perylene	17.592	276	666442	40.417	ng	100

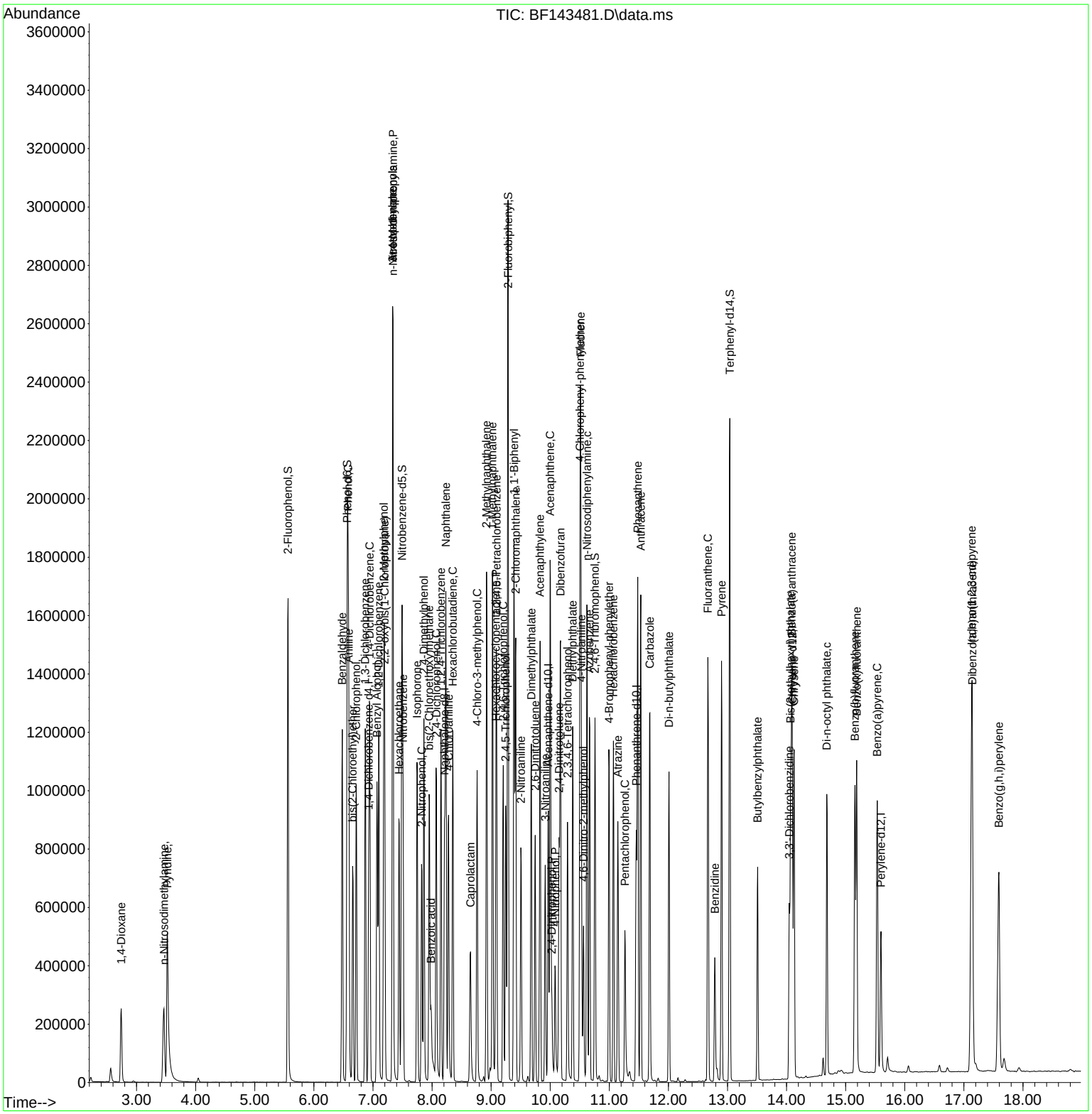
(#) = qualifier out of range (m) = manual integration (+) = signals summed

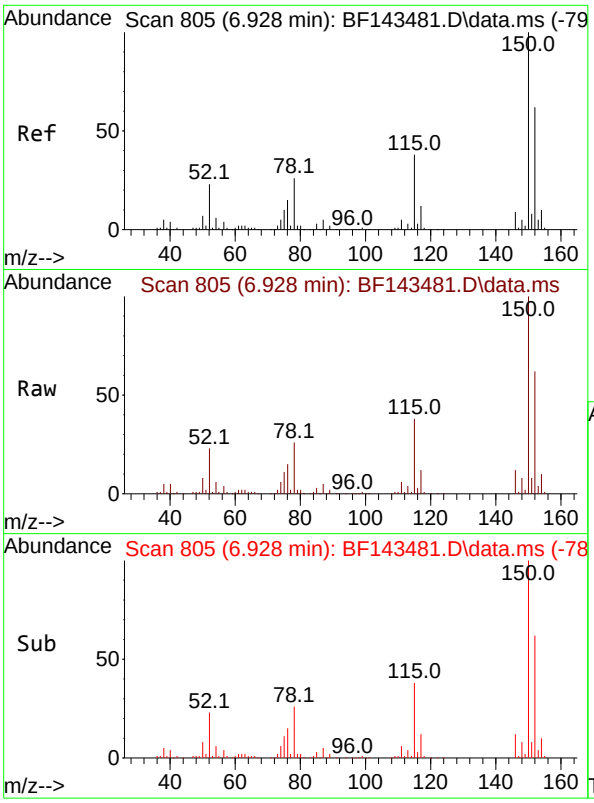
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143481.D
Acq On : 20 Aug 2025 12:53
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Aug 20 16:23:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration



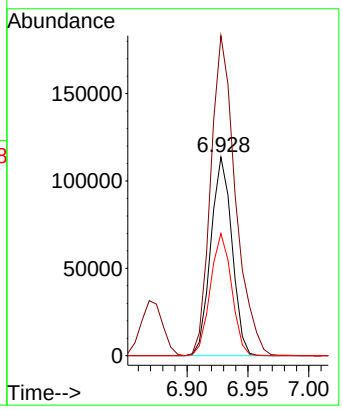


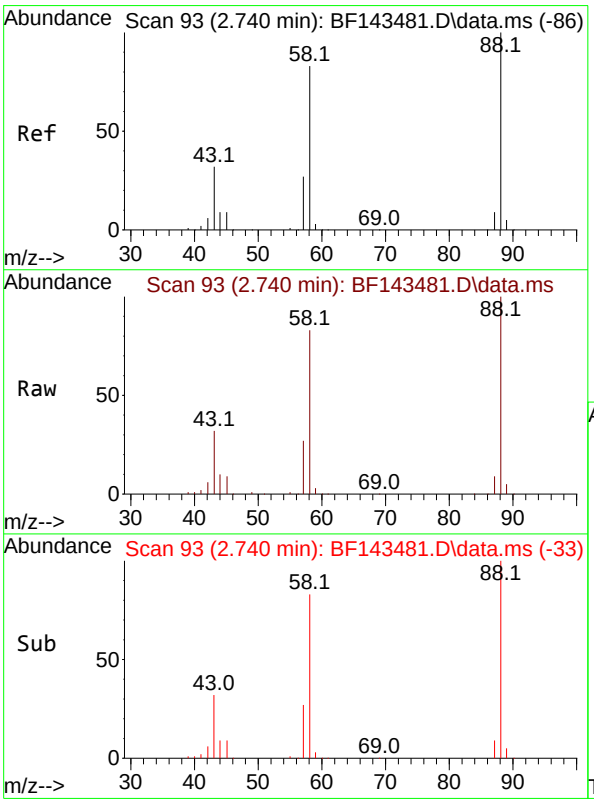
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 137770

Ion	Ratio	Lower	Upper
152	100		
150	161.1	128.9	193.3
115	61.5	49.2	73.8

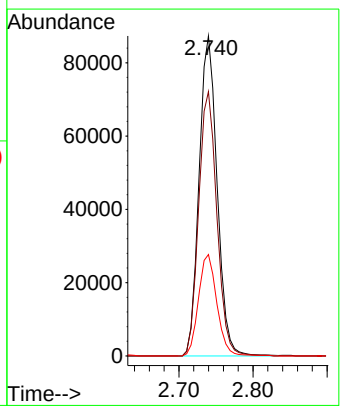


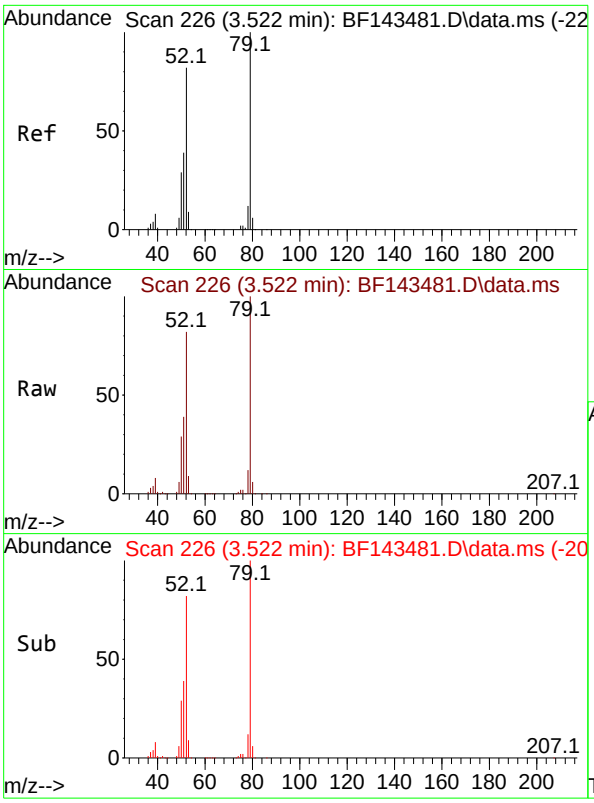


#2
1,4-Dioxane
Concen: 40.387 ng
RT: 2.740 min Scan# 93
Delta R.T. 0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion: 88 Resp: 147614

Ion	Ratio	Lower	Upper
88	100		
58	83.4	66.7	100.1
43	32.3	25.8	38.8



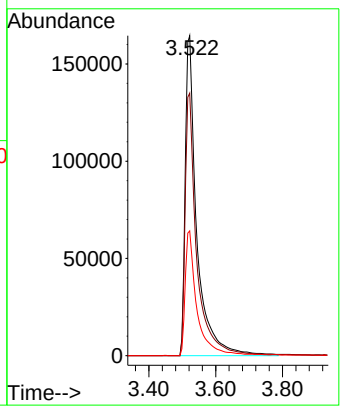


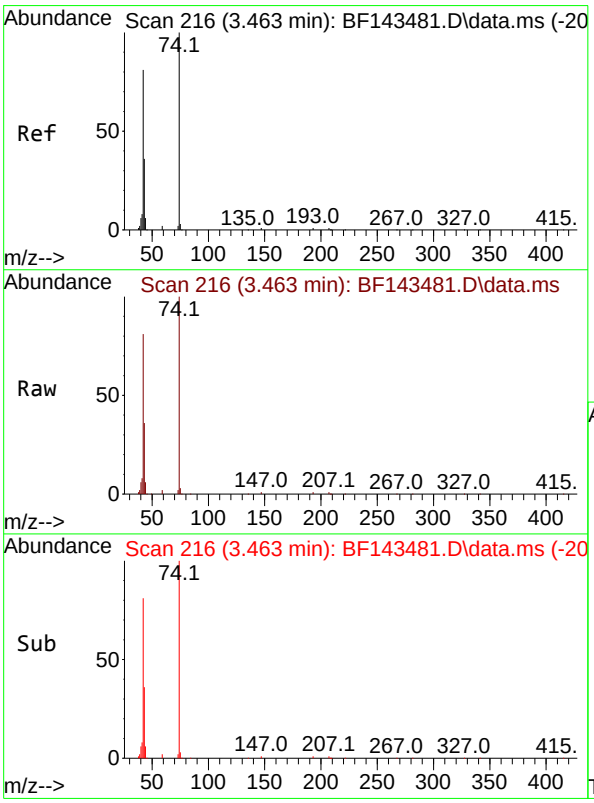
#3
Pyridine
Concen: 40.700 ng
RT: 3.522 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 396205

Ion	Ratio	Lower	Upper
79	100		
52	82.0	65.6	98.4
51	39.0	31.2	46.8

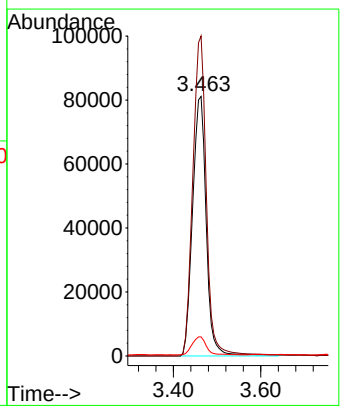


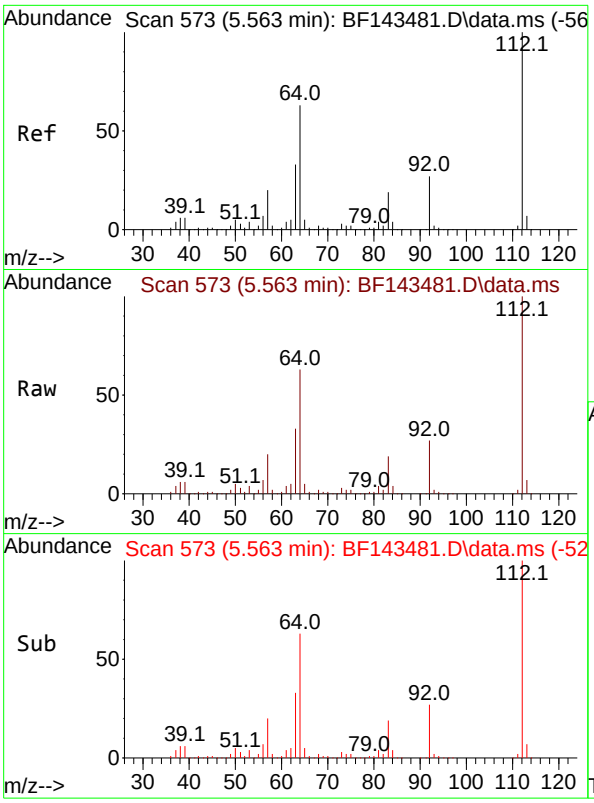


#4
n-Nitrosodimethylamine
Concen: 40.383 ng
RT: 3.463 min Scan# 216
Delta R.T. -0.012 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion: 42 Resp: 176726

Ion	Ratio	Lower	Upper
42	100		
74	123.3	98.6	148.0
44	7.3	5.8	8.8



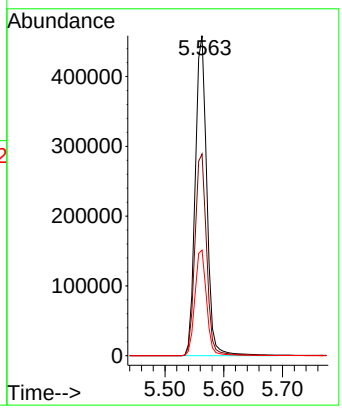


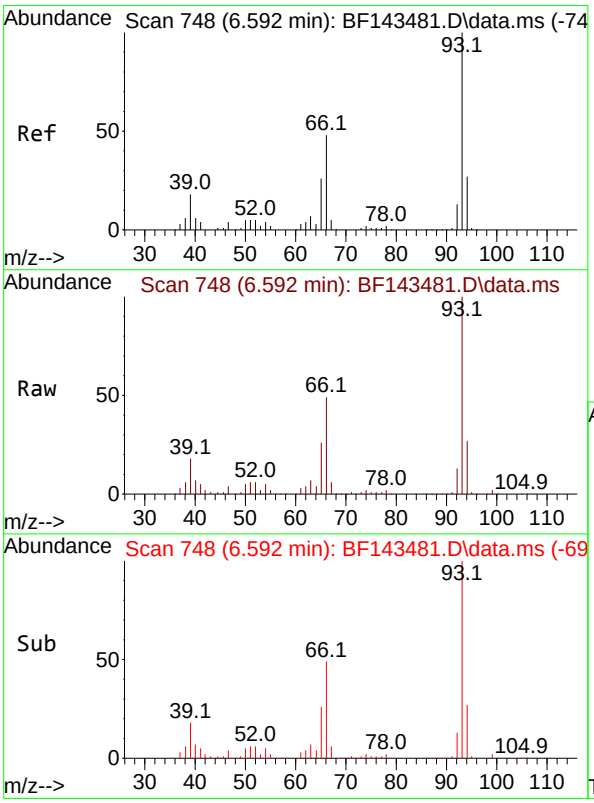
#5
2-Fluorophenol
Concen: 79.519 ng
RT: 5.563 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 627397

Ion	Ratio	Lower	Upper
112	100		
64	63.0	50.4	75.6
63	33.0	26.4	39.6

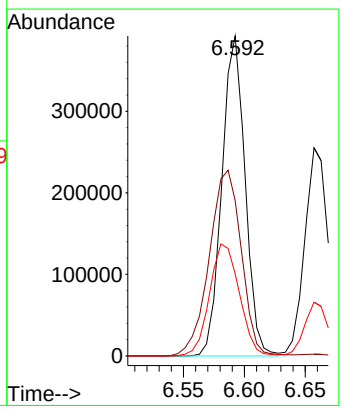


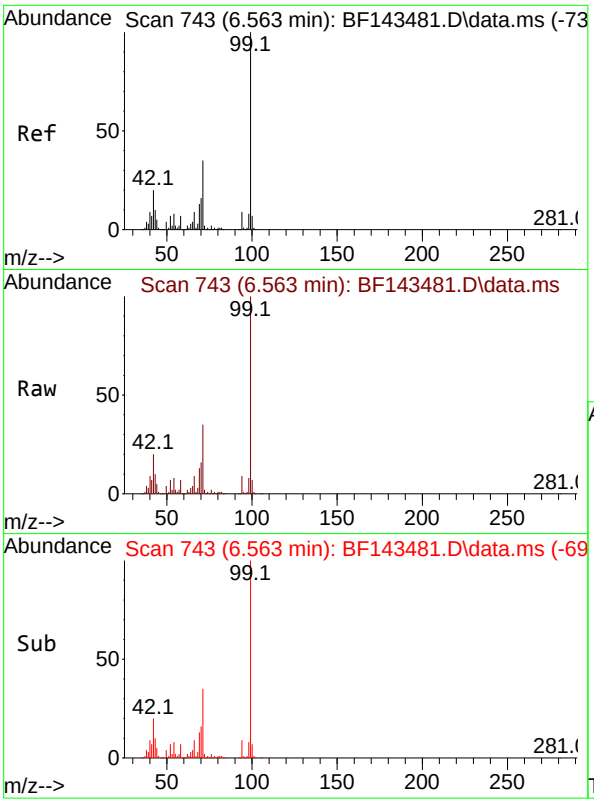


#6
Aniline
Concen: 40.010 ng
RT: 6.592 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion: 93 Resp: 520870

Ion	Ratio	Lower	Upper
93	100		
66	48.6	38.9	58.3
65	25.7	20.6	30.8



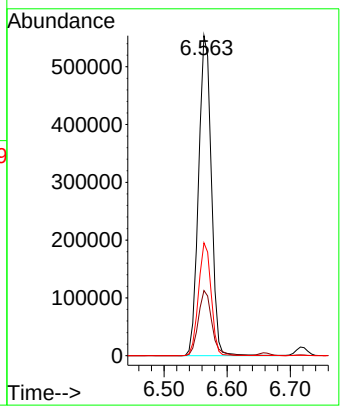


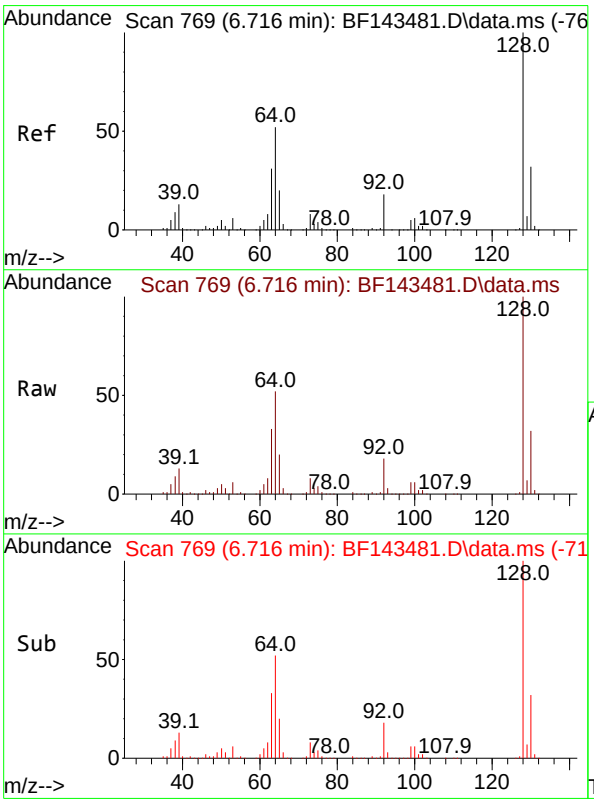
#7
Phenol-d6
Concen: 79.600 ng
RT: 6.563 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 775270

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.3	24.5
71	35.2	28.2	42.2

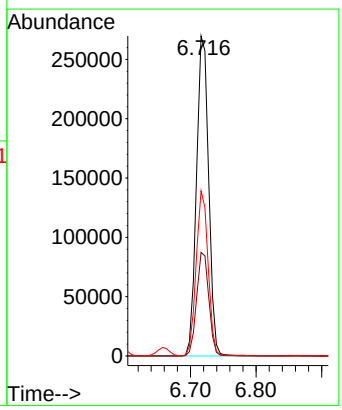


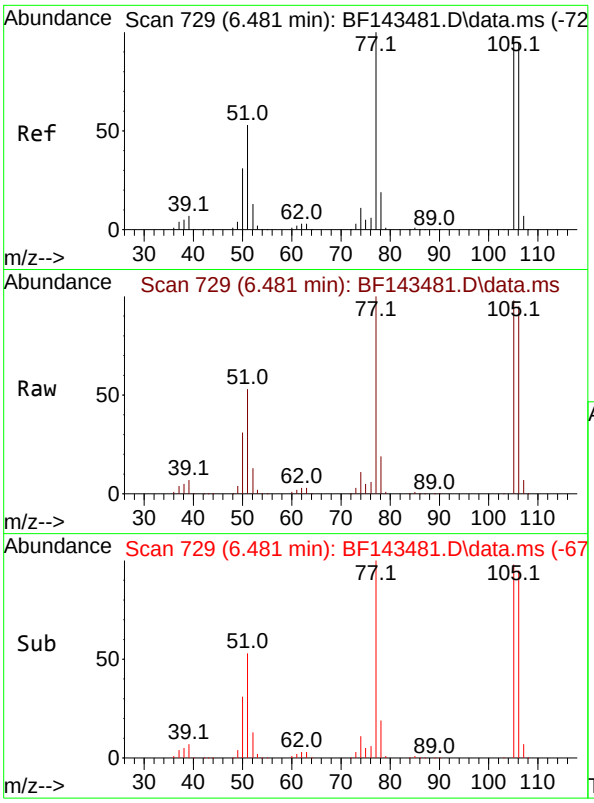


#8
2-Chlorophenol
Concen: 40.086 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:128 Resp: 349331

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.4	52.4
64	51.6	31.6	71.6



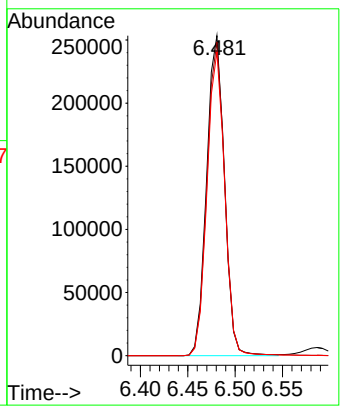


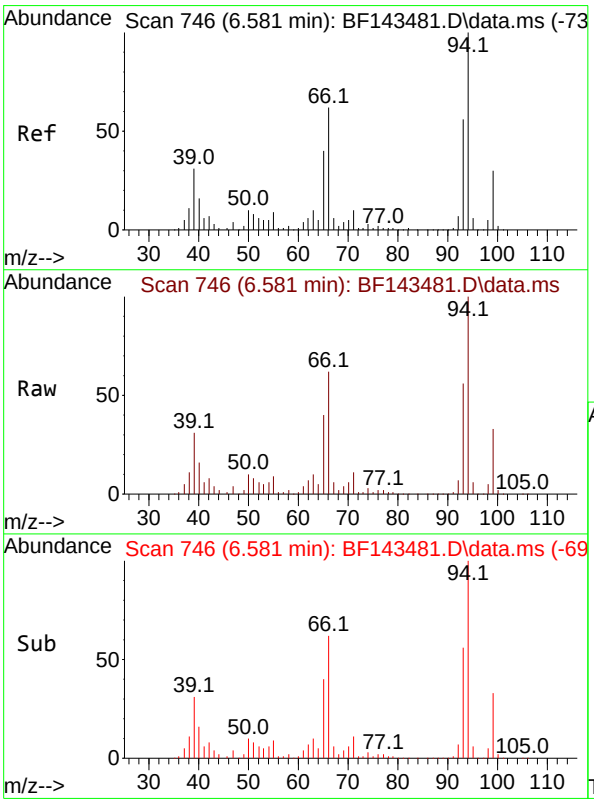
#9
Benzaldehyde
Concen: 41.929 ng
RT: 6.481 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 330624

Ion	Ratio	Lower	Upper
77	100		
105	98.1	78.1	118.1
106	94.9	74.9	114.9

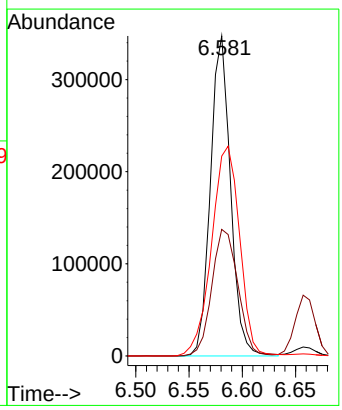


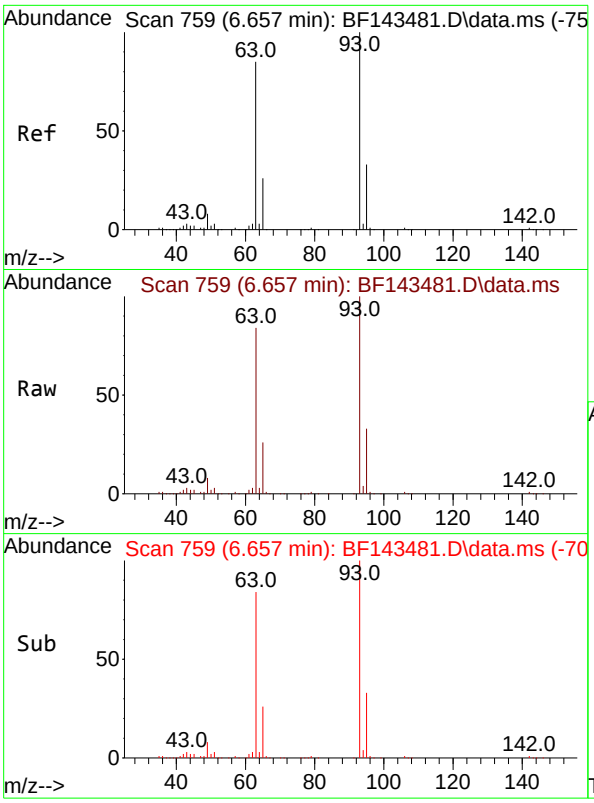


#10
Phenol
Concen: 40.419 ng
RT: 6.581 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion: 94 Resp: 453508

Ion	Ratio	Lower	Upper
94	100		
65	39.5	19.5	59.5
66	62.5	42.5	82.5



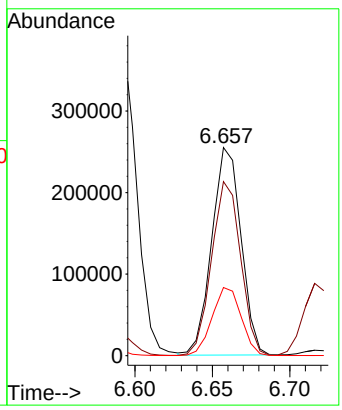


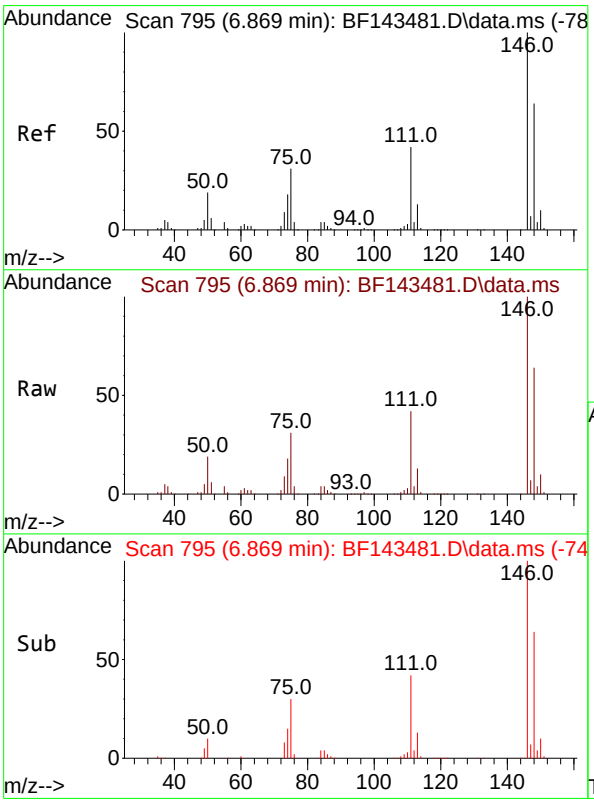
#11
bis(2-Chloroethyl)ether
Concen: 39.862 ng
RT: 6.657 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 334229

Ion	Ratio	Lower	Upper
93	100		
63	83.6	63.6	103.6
95	32.8	12.8	52.8

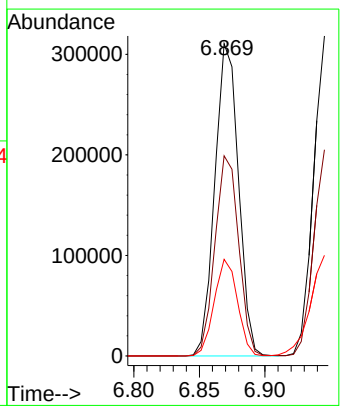


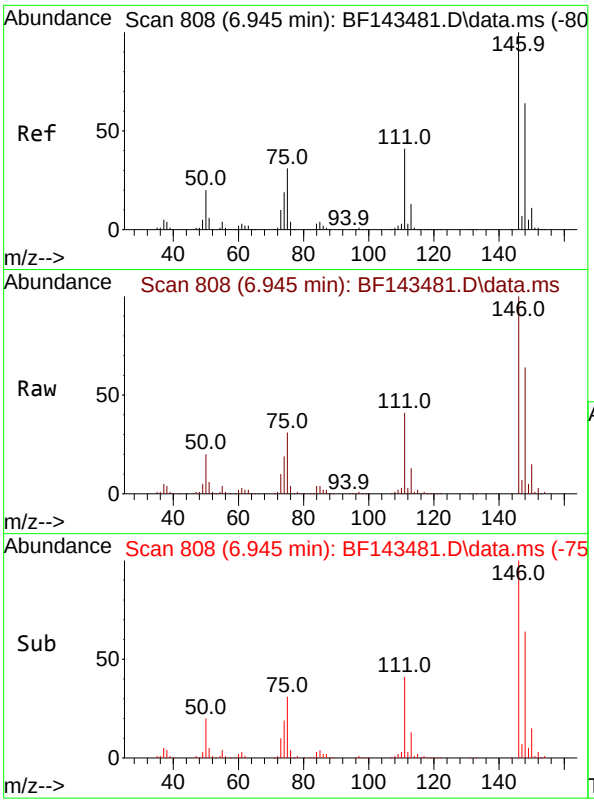


#12
1,3-Dichlorobenzene
Concen: 39.778 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:146 Resp: 389485

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.3	76.9
75	30.9	24.7	37.1



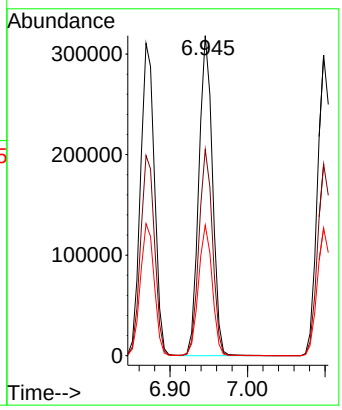


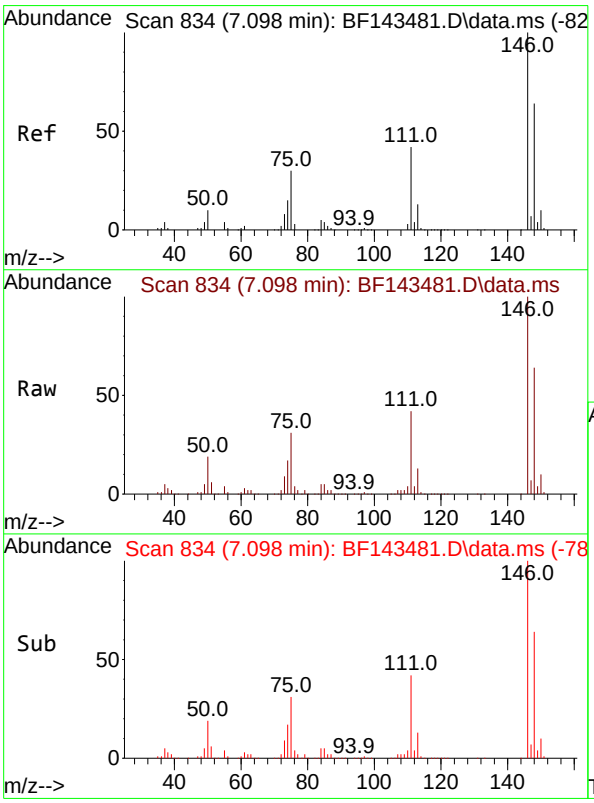
#13
1,4-Dichlorobenzene
Concen: 39.581 ng
RT: 6.945 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 388762

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.5	77.3
111	40.8	32.6	49.0

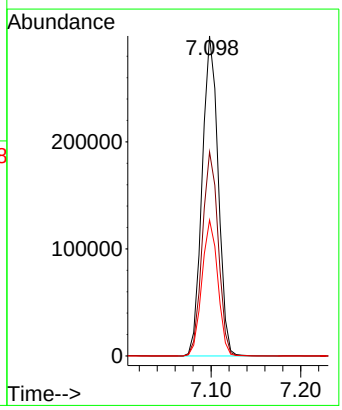


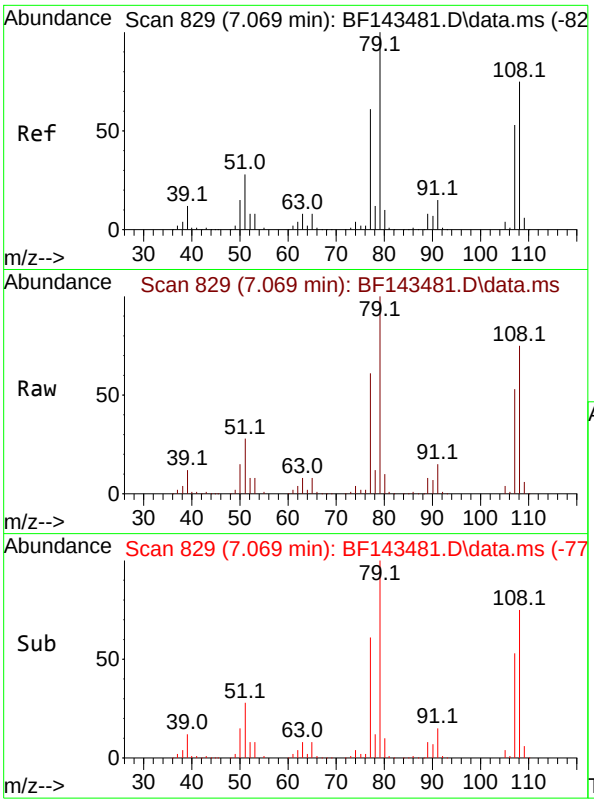


#14
1,2-Dichlorobenzene
Concen: 39.943 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:146 Resp: 371439

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.6
111	42.5	34.0	51.0



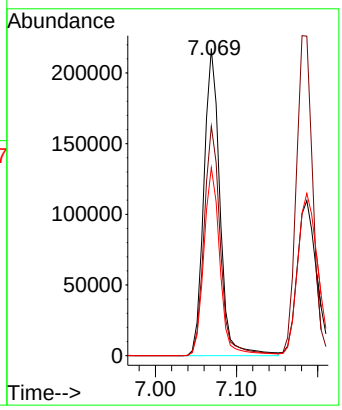


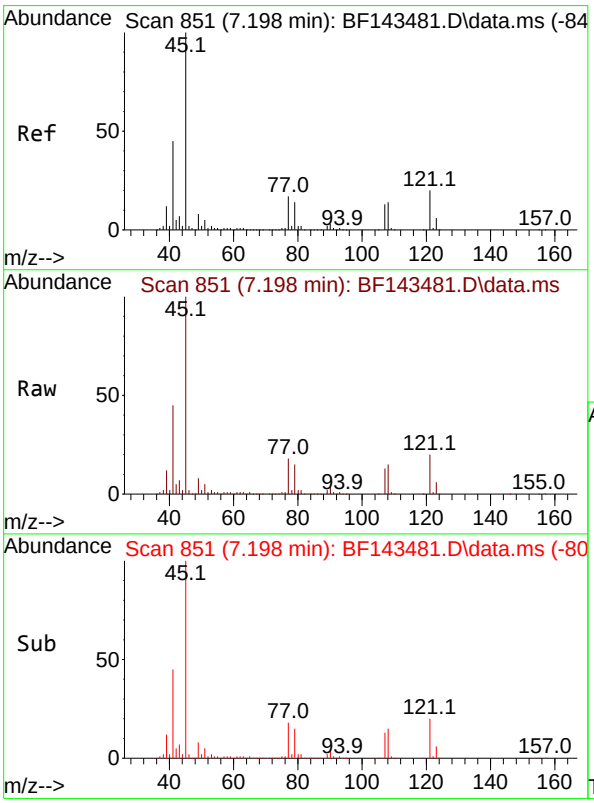
#15
Benzyl Alcohol
Concen: 40.916 ng
RT: 7.069 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 298360

Ion	Ratio	Lower	Upper
79	100		
108	74.7	59.8	89.6
77	61.2	49.0	73.4

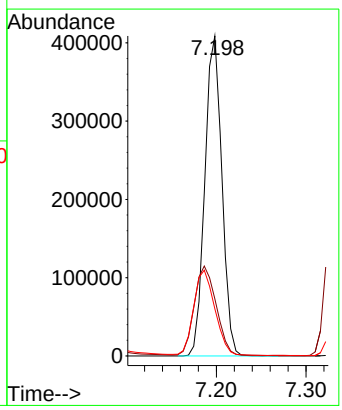


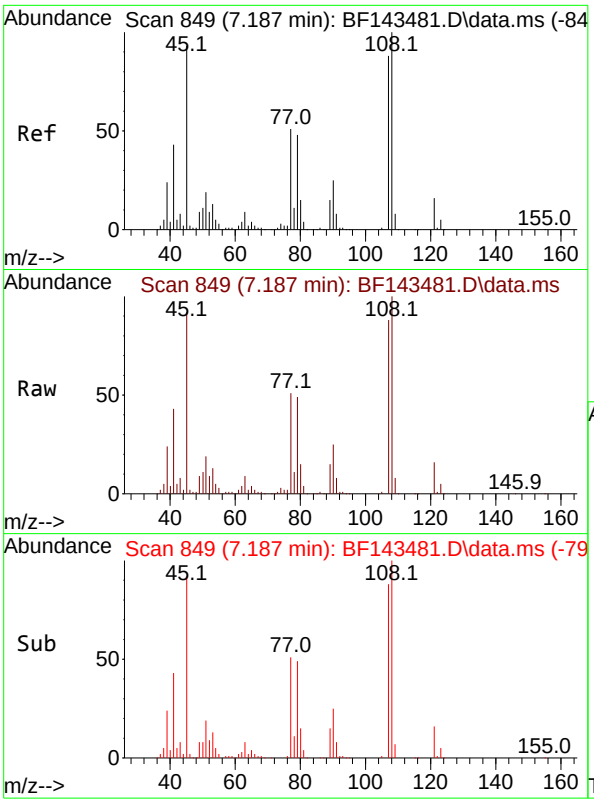


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.131 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion: 45 Resp: 538319

Ion	Ratio	Lower	Upper
45	100		
77	17.9	0.0	37.9
79	14.7	0.0	34.7



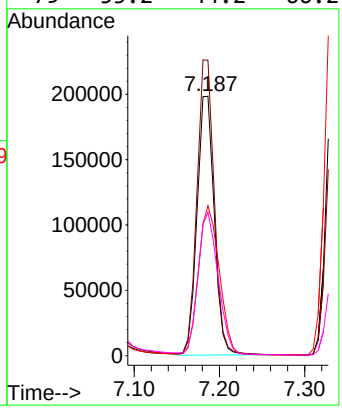


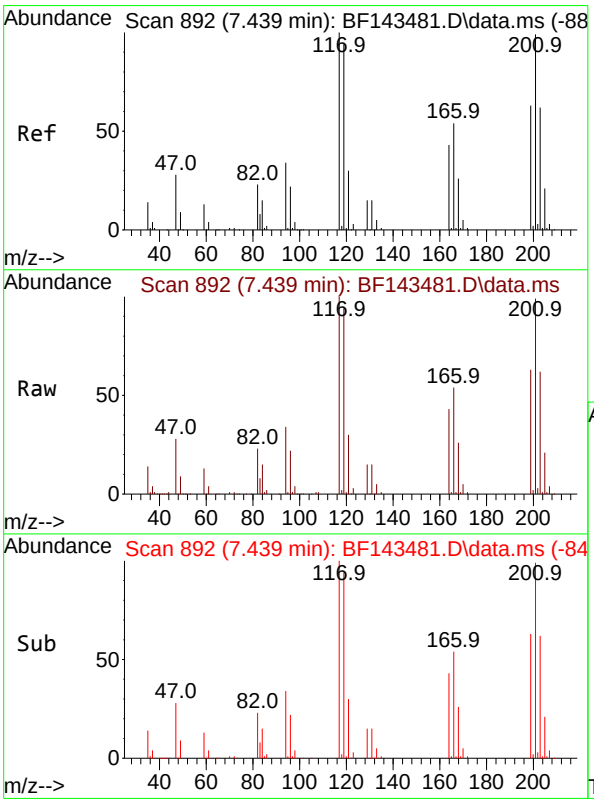
#17
2-Methylphenol
Concen: 39.844 ng
RT: 7.187 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 278676

Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.1	136.7
77	57.8	46.2	69.4
79	55.2	44.2	66.2

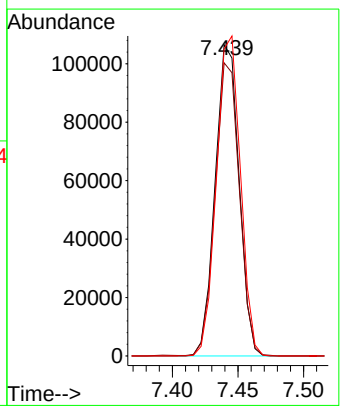


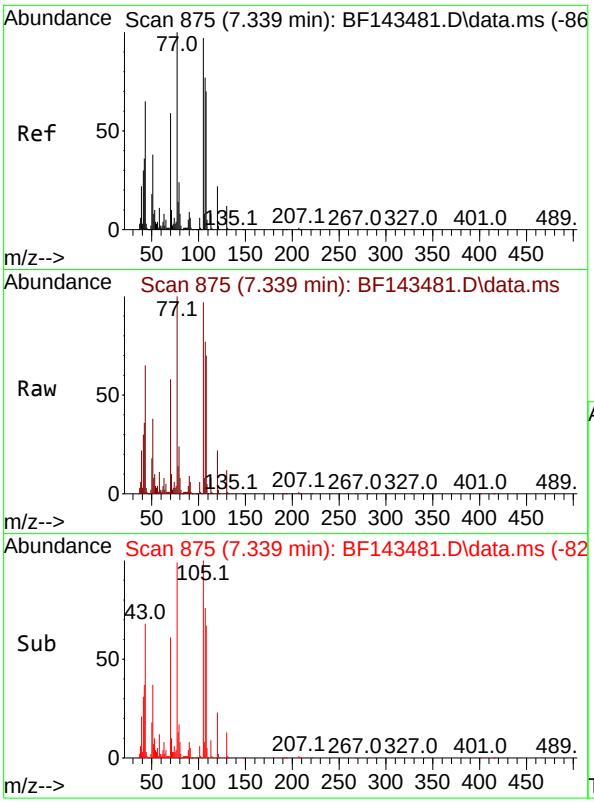


#18
Hexachloroethane
Concen: 40.503 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:117 Resp: 135258

Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.4	113.0
201	98.7	79.0	118.4



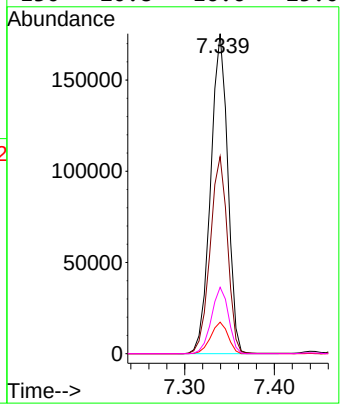


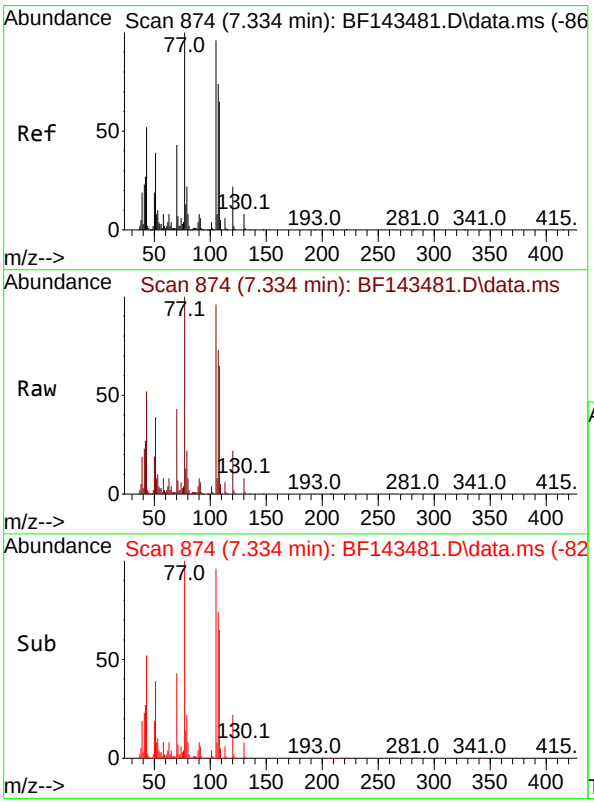
#19
n-Nitroso-di-n-propylamine
Concen: 39.076 ng
RT: 7.339 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 232621

Ion	Ratio	Lower	Upper
70	100		
42	61.6	49.3	73.9
101	9.8	7.8	11.8
130	20.8	16.6	25.0

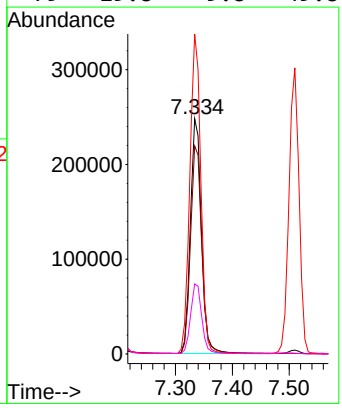


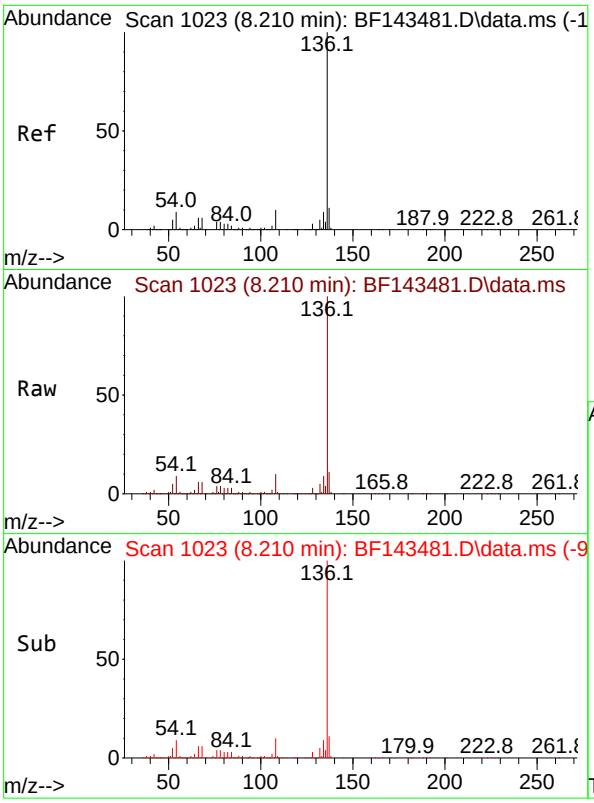


#20
3+4-Methylphenols
Concen: 40.179 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:107 Resp: 335474

Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.4	108.4
77	136.1	116.1	156.1
79	29.8	9.8	49.8



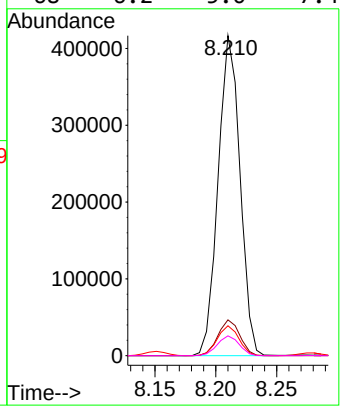


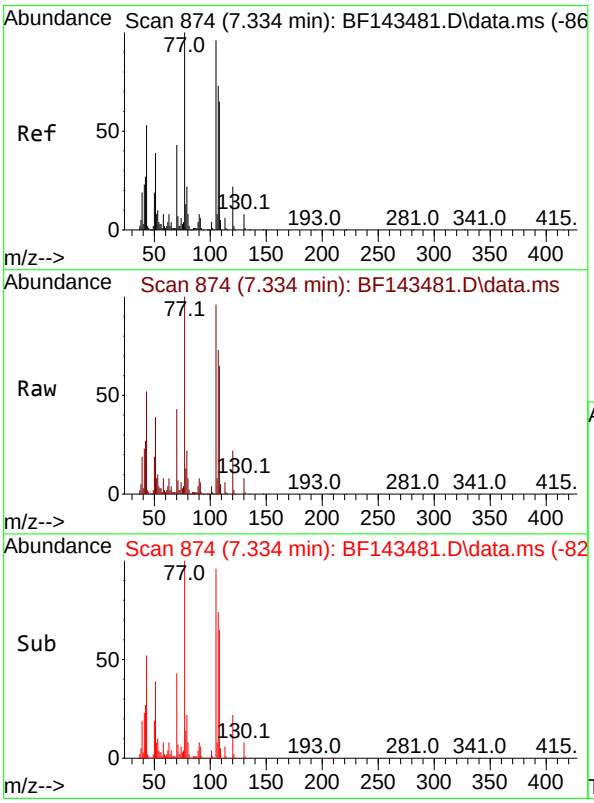
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 521928

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	9.3	7.4	11.2
68	6.2	5.0	7.4

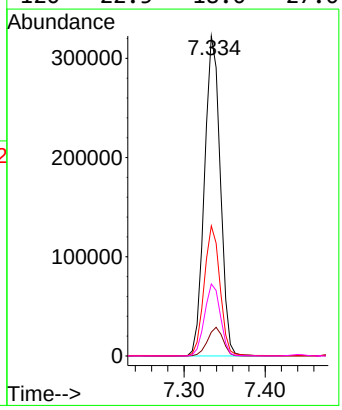


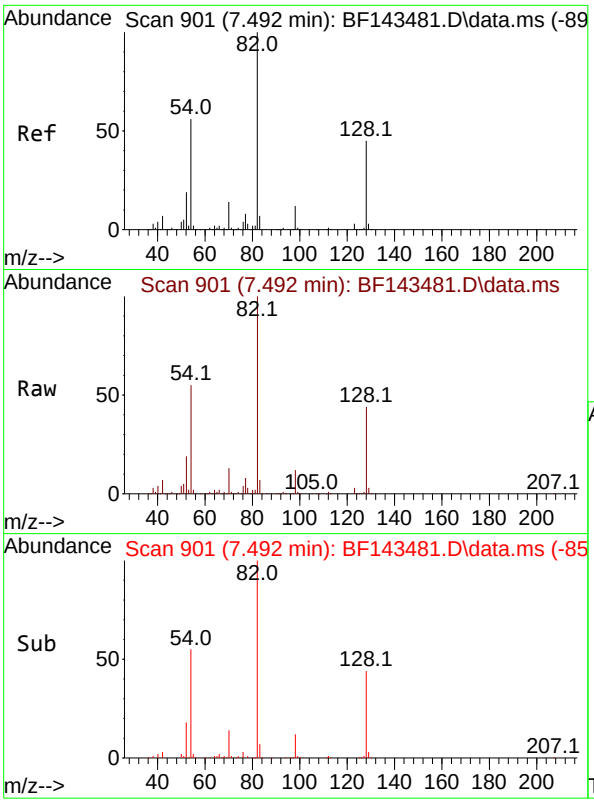


#22
Acetophenone
Concen: 38.728 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:105 Resp: 436693

Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.9	8.9
51	40.6	32.5	48.7
120	22.5	18.0	27.0



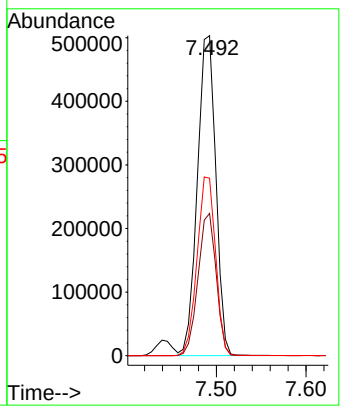


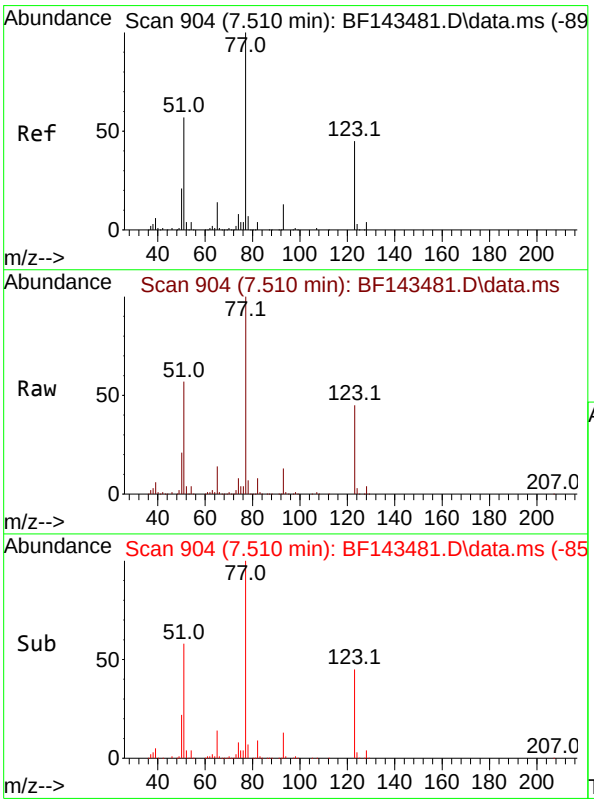
#23
Nitrobenzene-d5
Concen: 80.266 ng
RT: 7.492 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 717900

Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.5	53.3
54	55.4	44.3	66.5

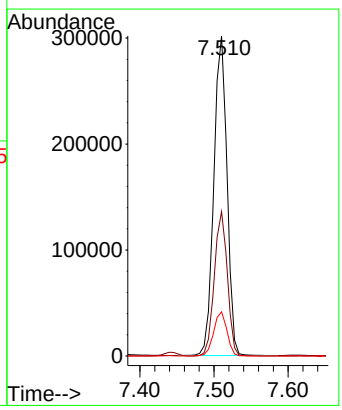


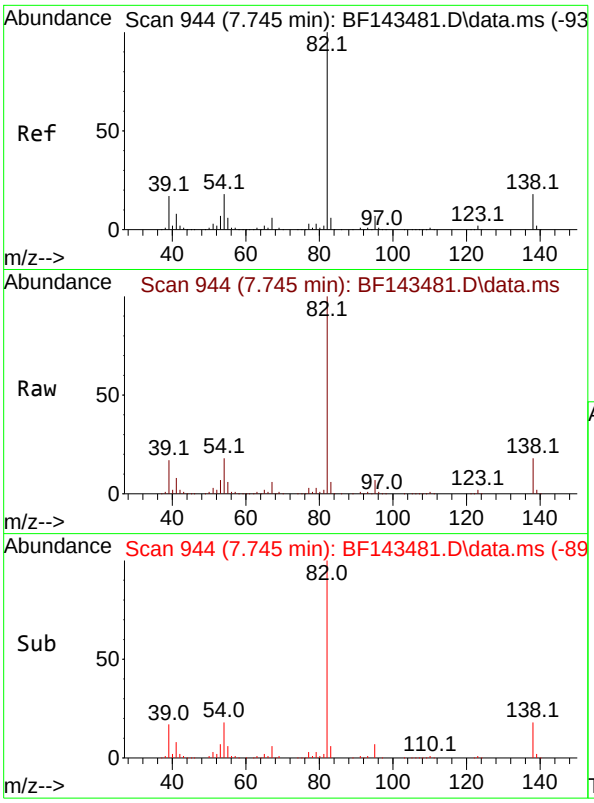


#24
Nitrobenzene
Concen: 40.403 ng
RT: 7.510 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion: 77 Resp: 371931

Ion	Ratio	Lower	Upper
77	100		
123	45.1	36.1	54.1
65	13.8	11.0	16.6



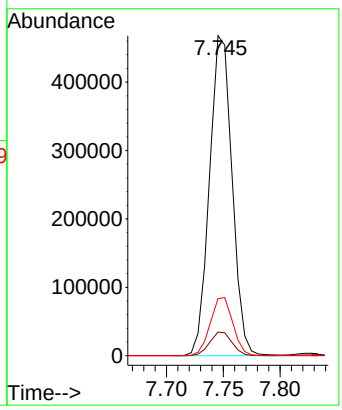


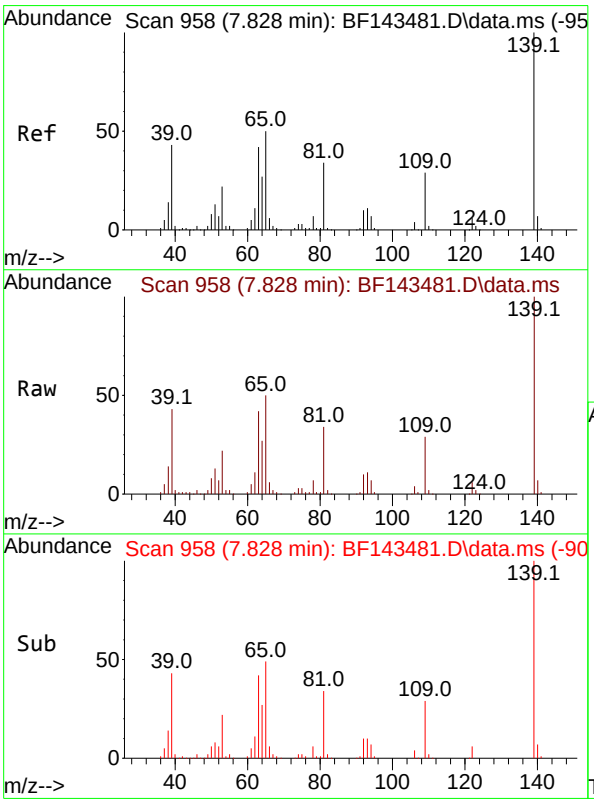
#25
Isophorone
Concen: 39.546 ng
RT: 7.745 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 648362

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.8
138	17.8	14.2	21.4

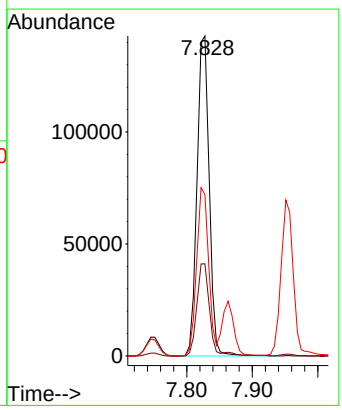


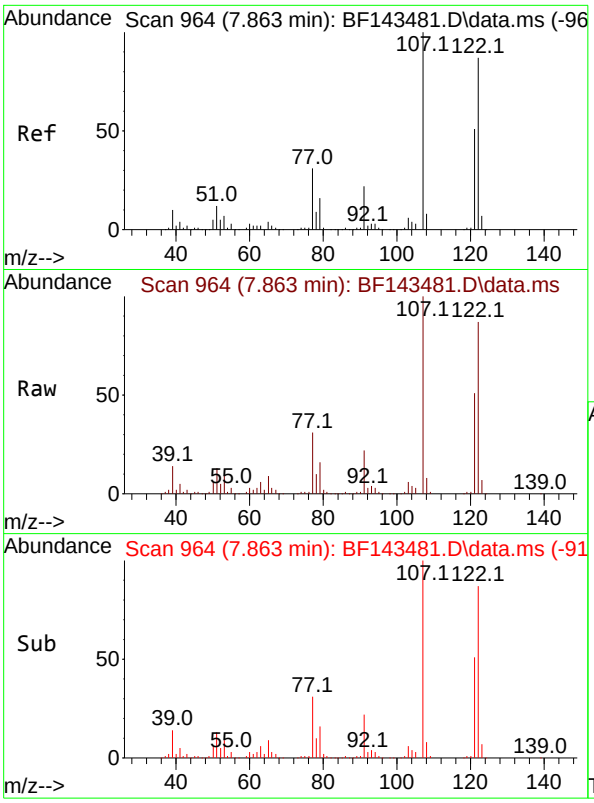


#26
2-Nitrophenol
Concen: 41.084 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:139 Resp: 185255

Ion	Ratio	Lower	Upper
139	100		
109	28.8	23.0	34.6
65	50.4	40.3	60.5



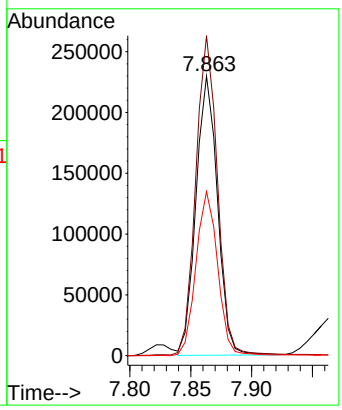


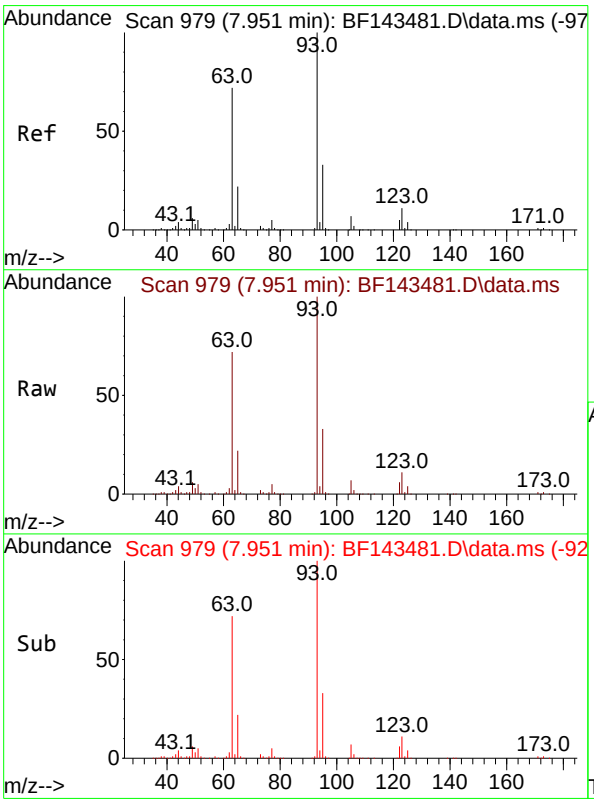
#27
2,4-Dimethylphenol
Concen: 40.116 ng
RT: 7.863 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:122 Resp: 281983

Ion	Ratio	Lower	Upper
122	100		
107	114.4	91.5	137.3
121	58.7	47.0	70.4

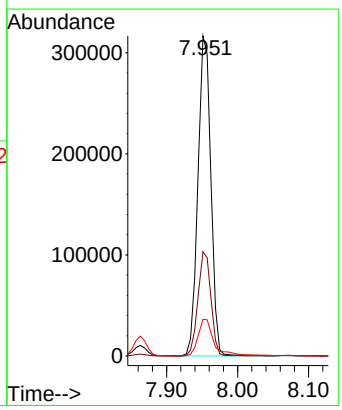


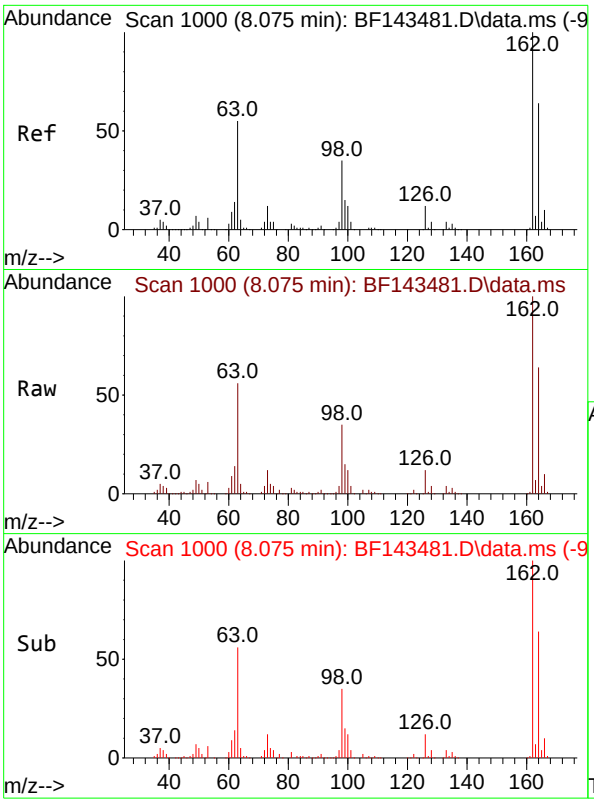


#28
bis(2-Chloroethoxy)methane
Concen: 39.973 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion: 93 Resp: 402757

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.0	39.0
123	11.4	9.1	13.7



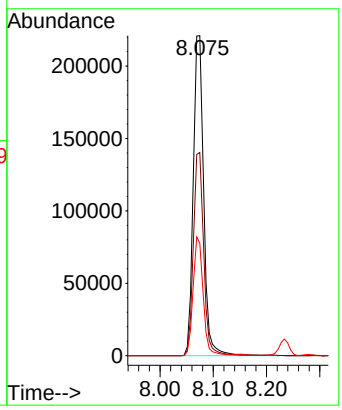


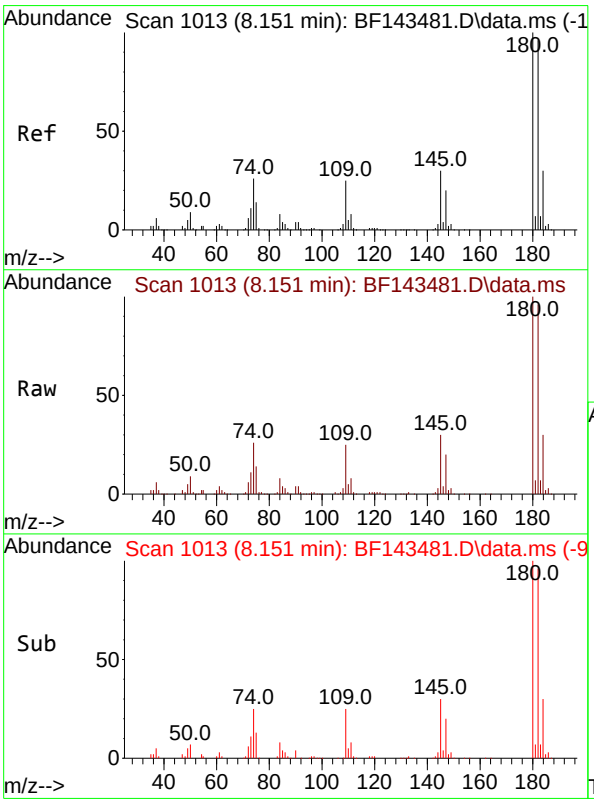
#29
2,4-Dichlorophenol
Concen: 40.095 ng
RT: 8.075 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 301002

Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.5	83.5
98	35.1	15.1	55.1

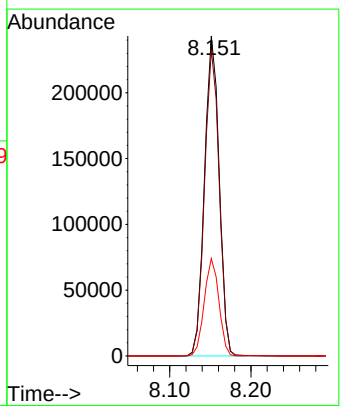


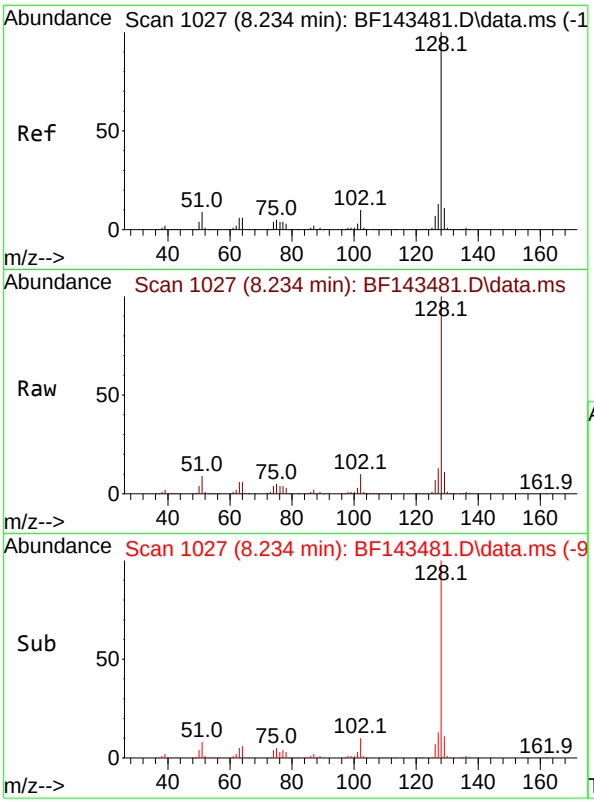


#30
1,2,4-Trichlorobenzene
Concen: 39.529 ng
RT: 8.151 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:180 Resp: 305107

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.6	114.8
145	30.4	24.3	36.5



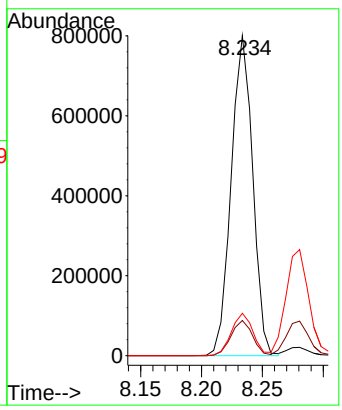


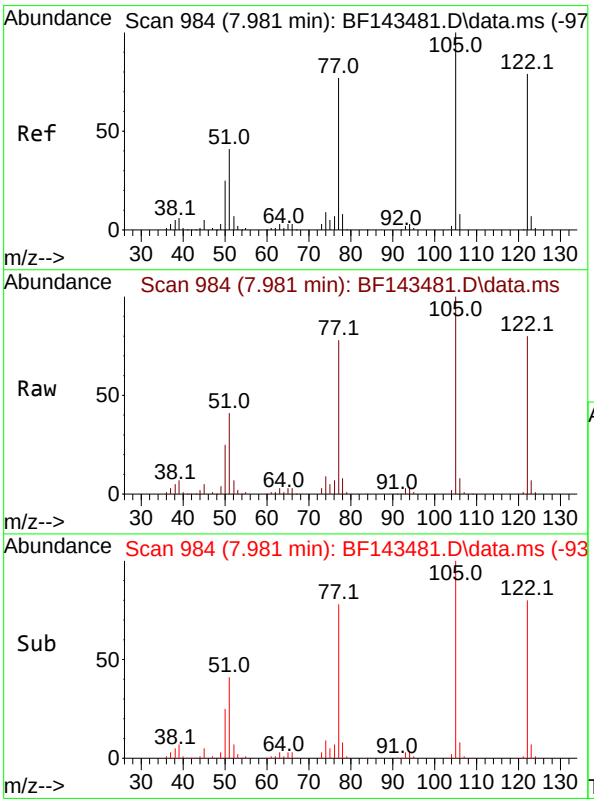
#31
Naphthalene
Concen: 39.296 ng
RT: 8.234 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 984671

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.3	10.6	16.0

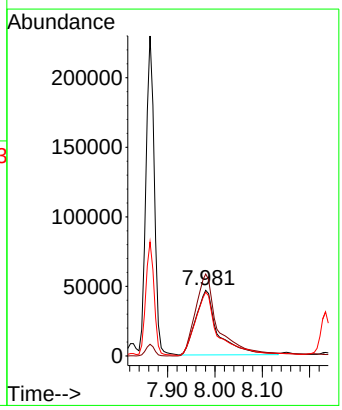


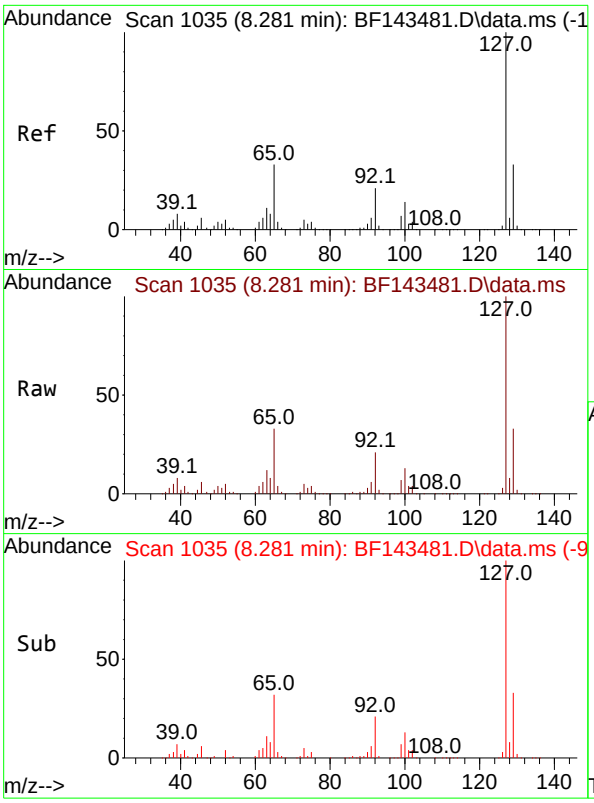


#32
Benzoic acid
Concen: 39.150 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.029 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:122 Resp: 151495

Ion	Ratio	Lower	Upper
122	100		
105	124.7	104.7	144.7
77	97.3	77.3	117.3



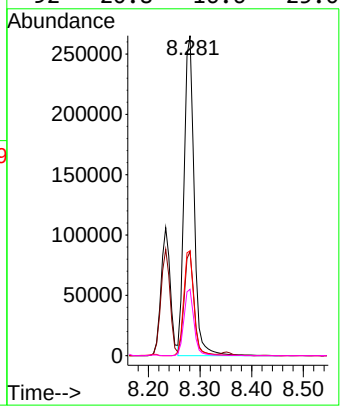


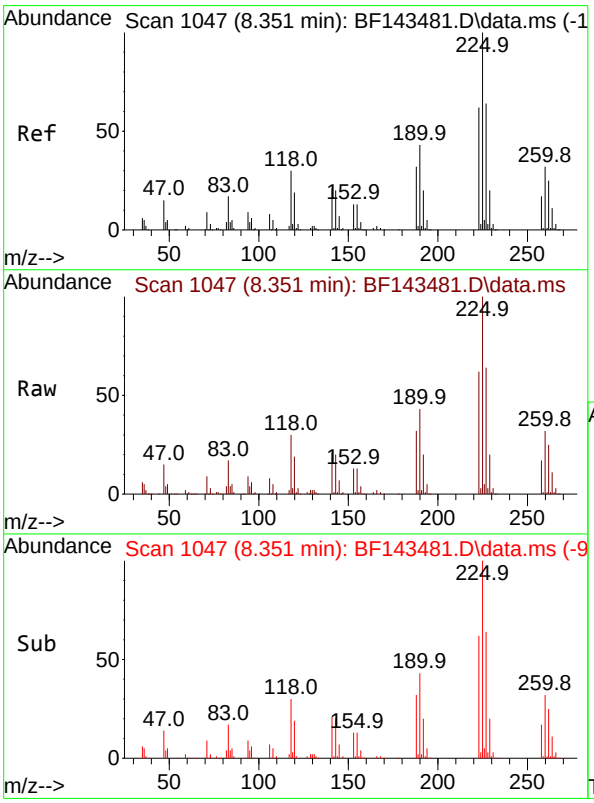
#33
4-Chloroaniline
Concen: 40.237 ng
RT: 8.281 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 357854

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	32.7	26.2	39.2
92	20.8	16.6	25.0

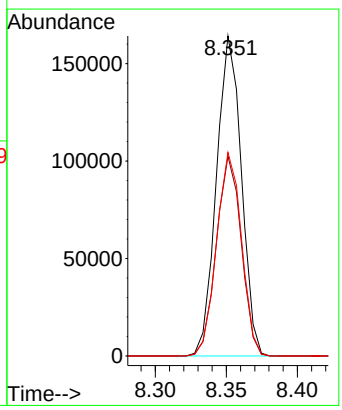


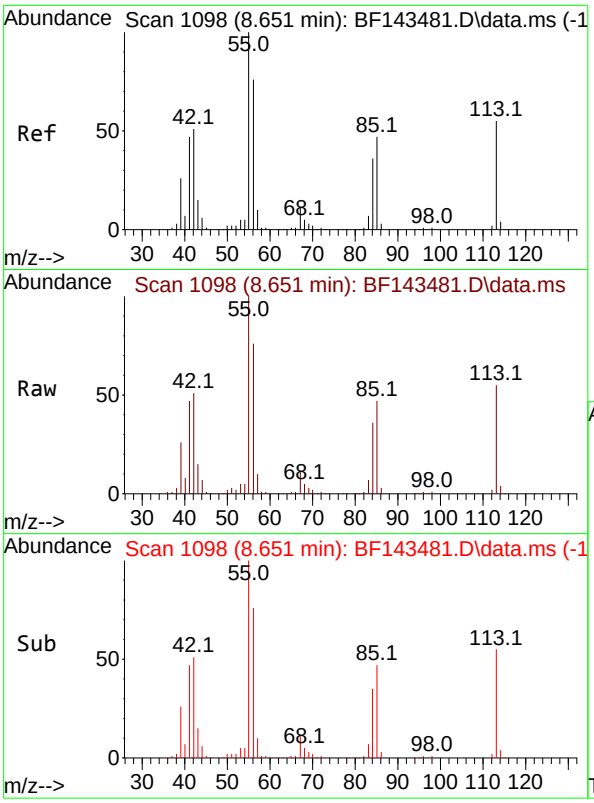


#34
Hexachlorobutadiene
Concen: 39.756 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:225 Resp: 200199

Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.9	74.9
227	63.6	50.9	76.3



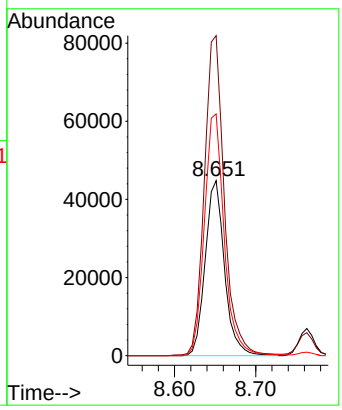


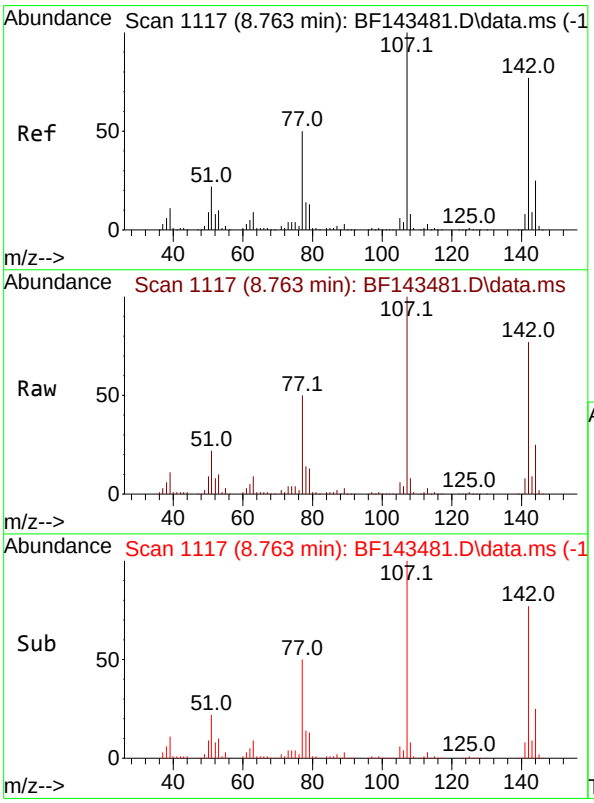
#35
Caprolactam
Concen: 41.004 ng
RT: 8.651 min Scan# 1
Delta R.T. -0.024 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 73867

Ion	Ratio	Lower	Upper
113	100		
55	182.8	162.8	202.8
56	138.1	118.1	158.1

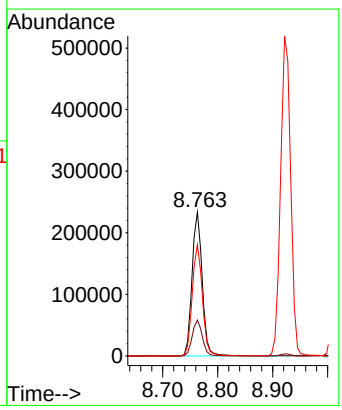


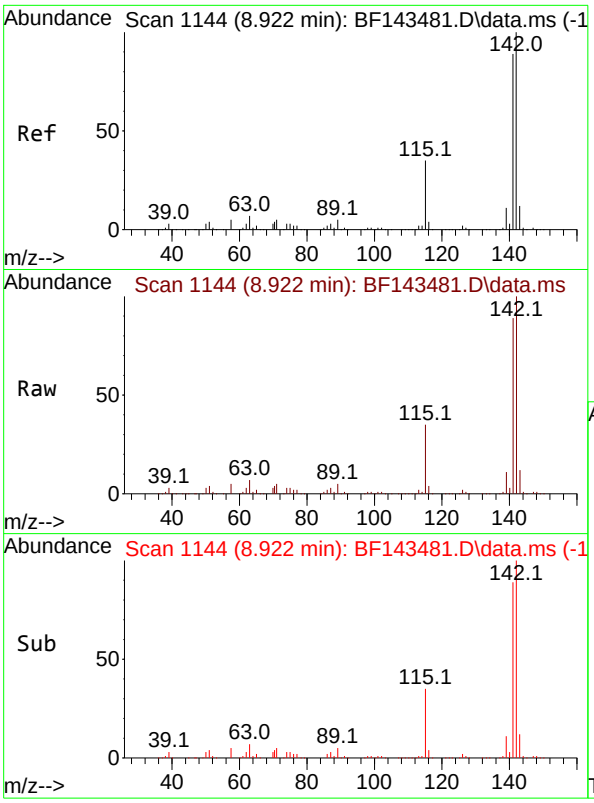


#36
4-Chloro-3-methylphenol
Concen: 39.889 ng
RT: 8.763 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:107 Resp: 300101

Ion	Ratio	Lower	Upper
107	100		
144	24.9	19.9	29.9
142	77.3	61.8	92.8



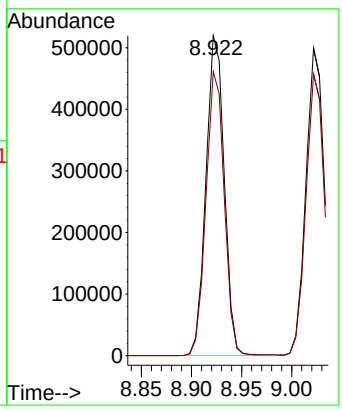


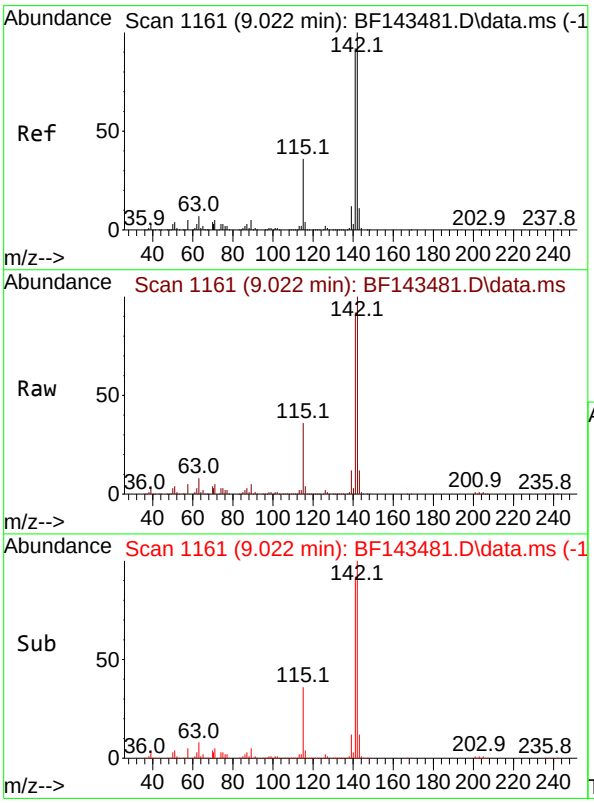
#37
2-Methylnaphthalene
Concen: 39.489 ng
RT: 8.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 660885

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.0	106.4

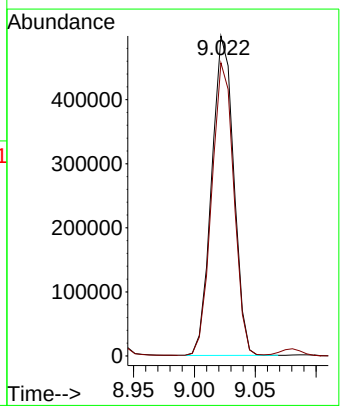


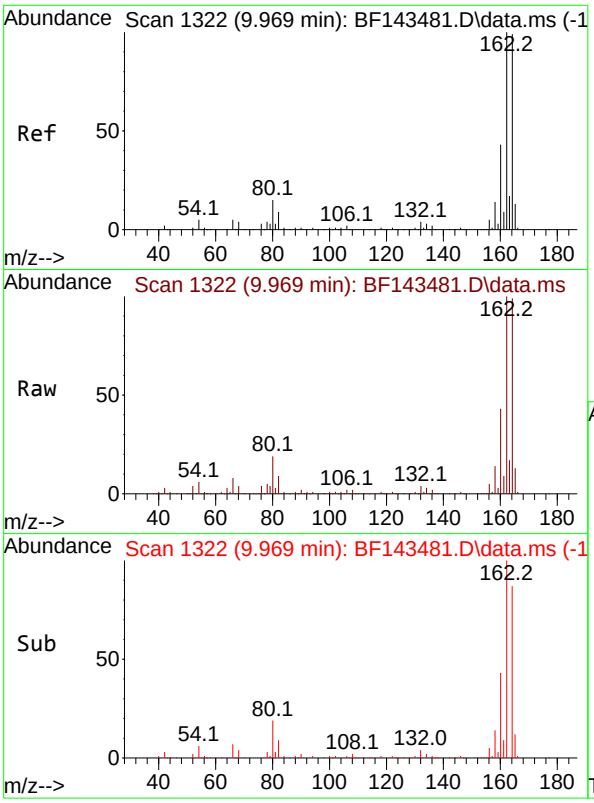


#38
1-Methylnaphthalene
Concen: 39.300 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:142 Resp: 629141

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.3	109.9



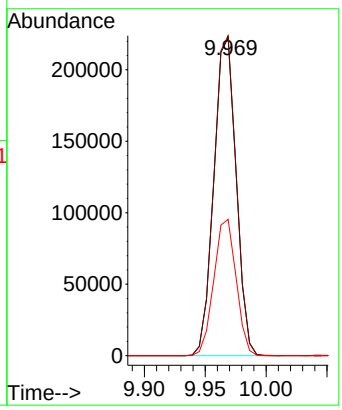


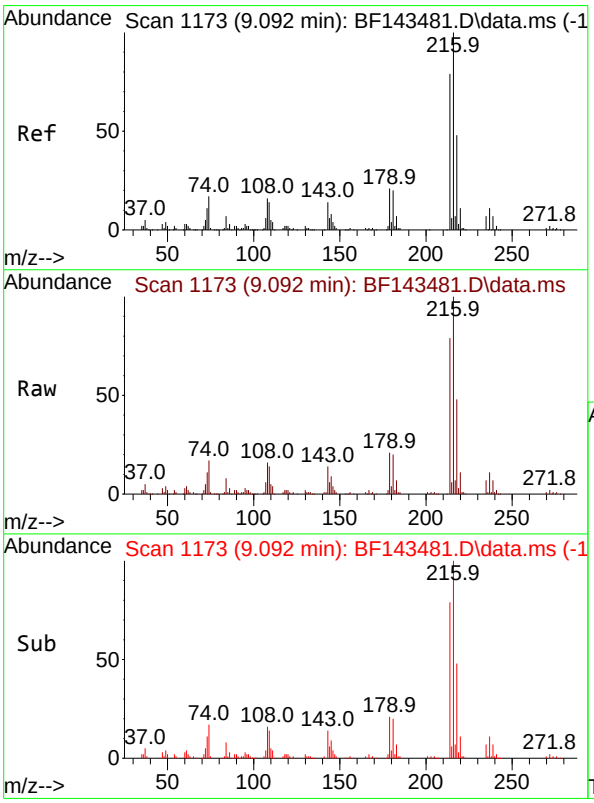
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 282852

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.5	120.7
160	42.9	34.3	51.5

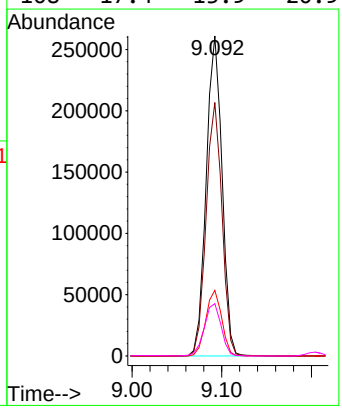


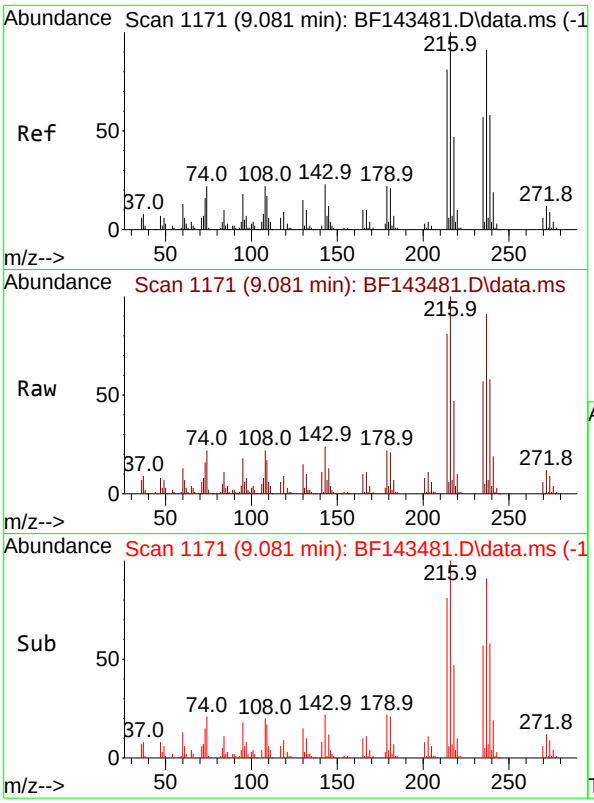


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.526 ng
RT: 9.092 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:216 Resp: 319789

Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.0
179	20.6	16.5	24.7
108	17.4	13.9	20.9



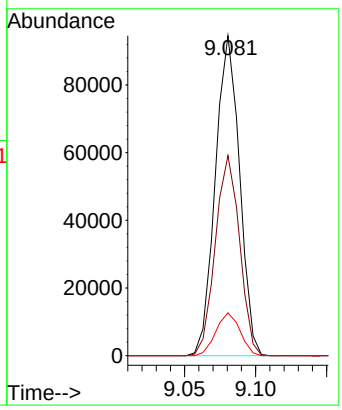


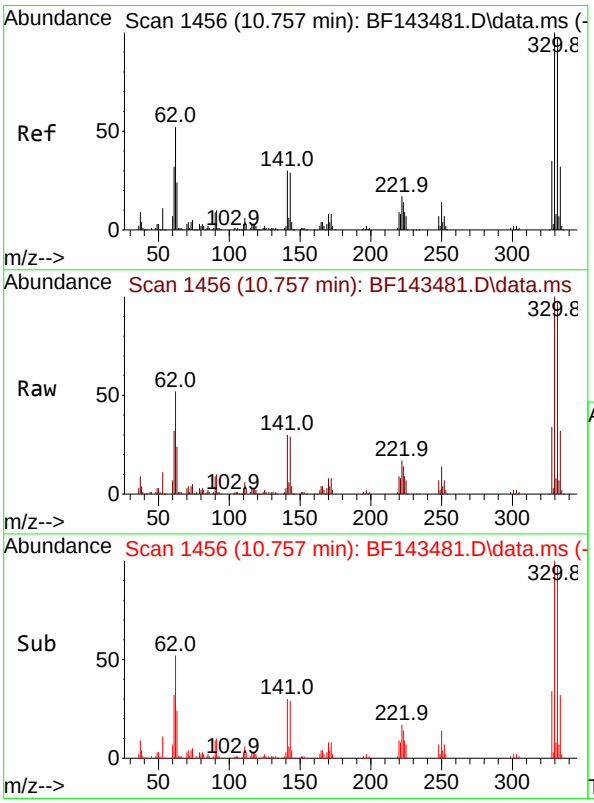
#41
Hexachlorocyclopentadiene
Concen: 39.218 ng
RT: 9.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 112053

Ion	Ratio	Lower	Upper
237	100		
235	62.6	42.6	82.6
272	13.4	0.0	33.4

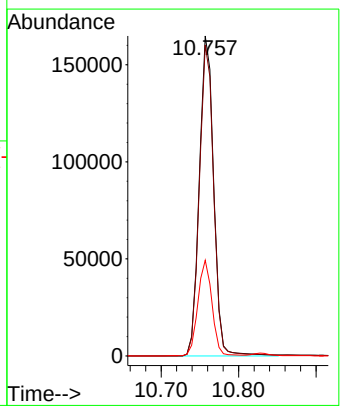


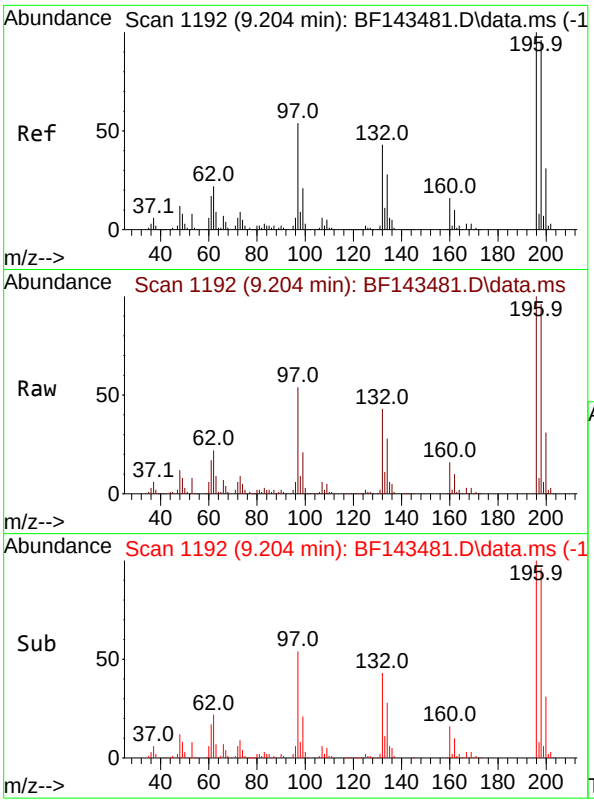


#42
2,4,6-Tribromophenol
Concen: 80.744 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:330 Resp: 212595

Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.0	117.0
141	29.6	23.7	35.5



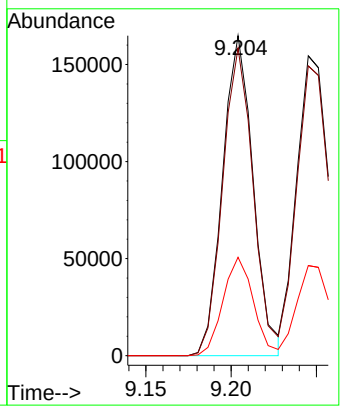


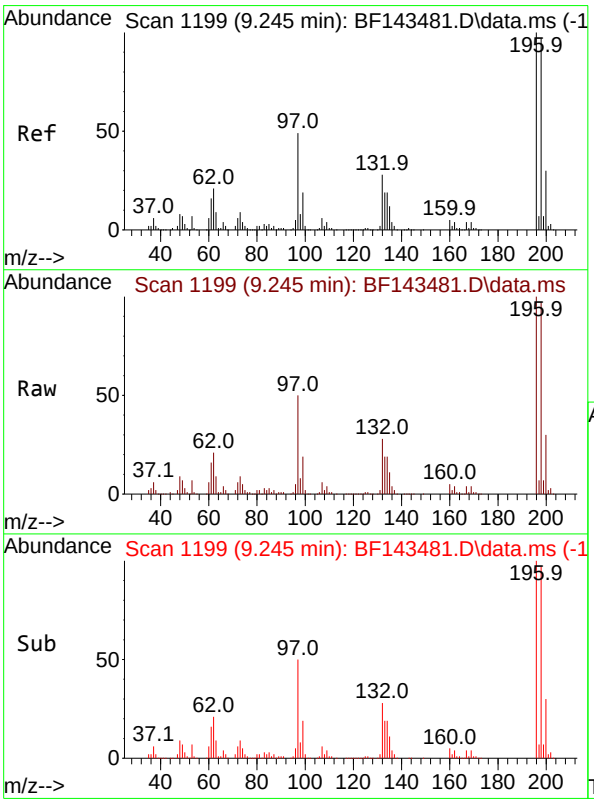
#43
2,4,6-Trichlorophenol
Concen: 41.387 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:196 Resp: 206042

Ion	Ratio	Lower	Upper
196	100		
198	96.2	77.0	115.4
200	30.8	24.6	37.0

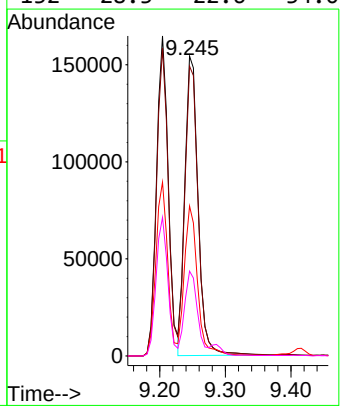


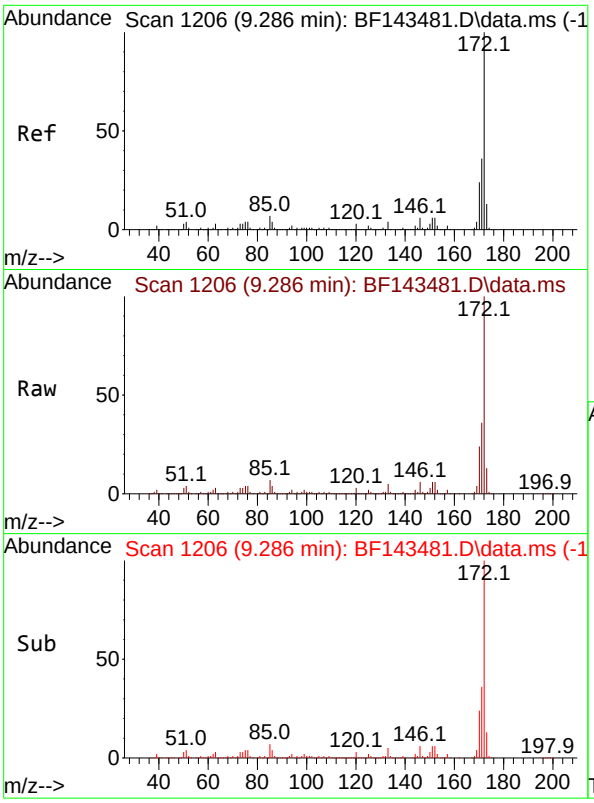


#44
2,4,5-Trichlorophenol
Concen: 39.748 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:196 Resp: 216152

Ion	Ratio	Lower	Upper
196	100		
198	96.6	77.3	115.9
97	50.0	40.0	60.0
132	28.3	22.6	34.0



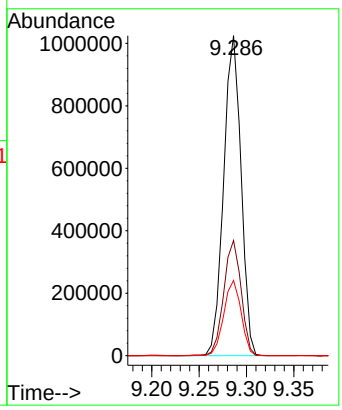


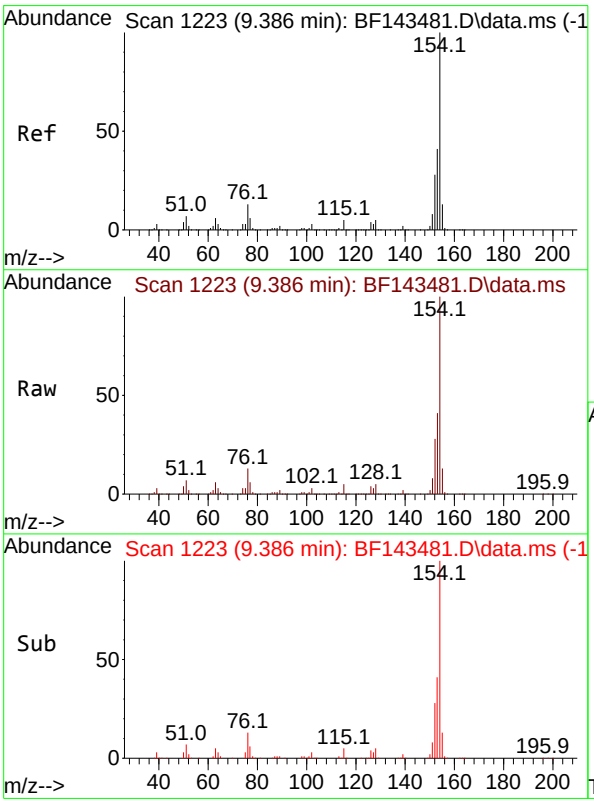
#45
2-Fluorobiphenyl
Concen: 76.419 ng
RT: 9.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp: 1307900

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.8	43.2
170	23.5	18.8	28.2

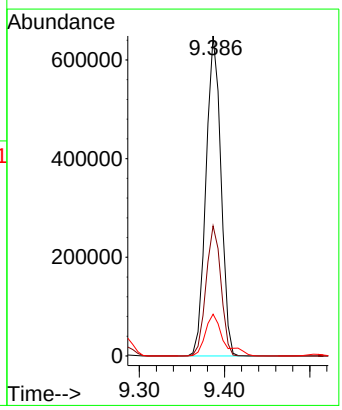


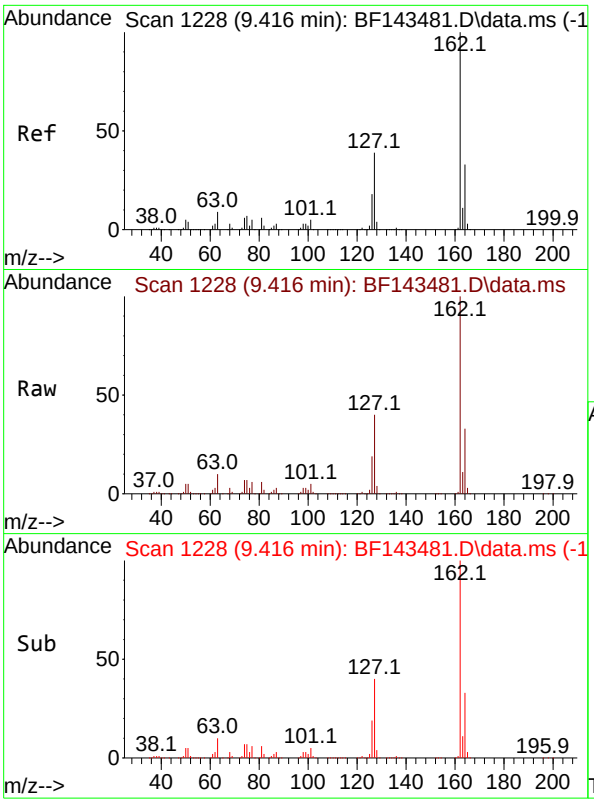


#46
1,1'-Biphenyl
Concen: 39.412 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:154 Resp: 791238

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.6	60.6
76	13.0	0.0	33.0



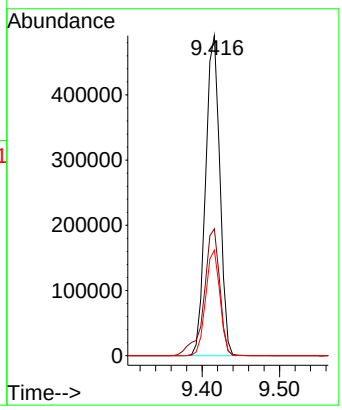


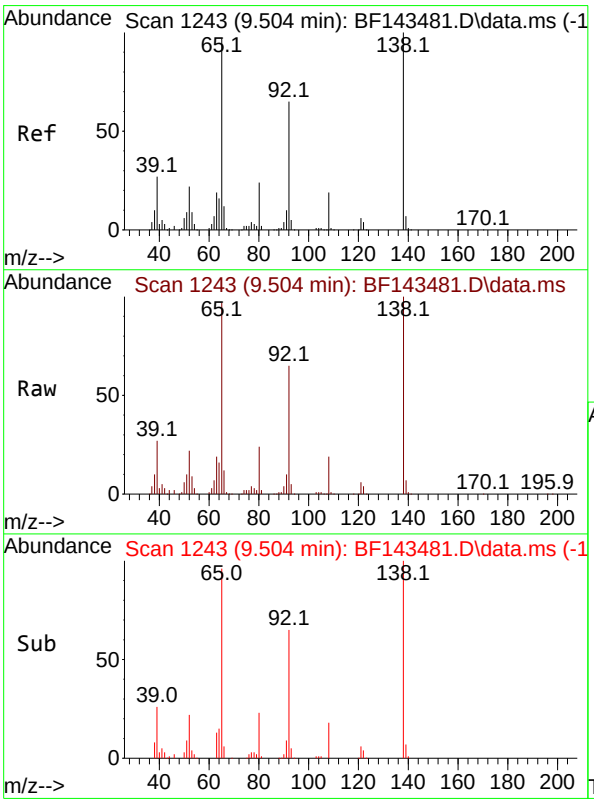
#47
2-Chloronaphthalene
Concen: 39.699 ng
RT: 9.416 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 625355

Ion	Ratio	Lower	Upper
162	100		
127	39.7	31.8	47.6
164	33.0	26.4	39.6

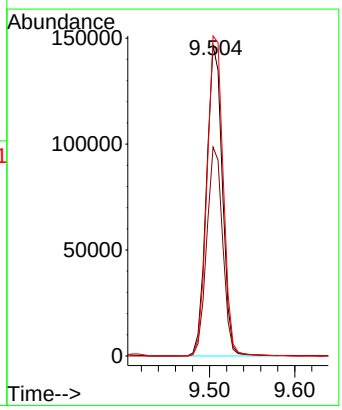


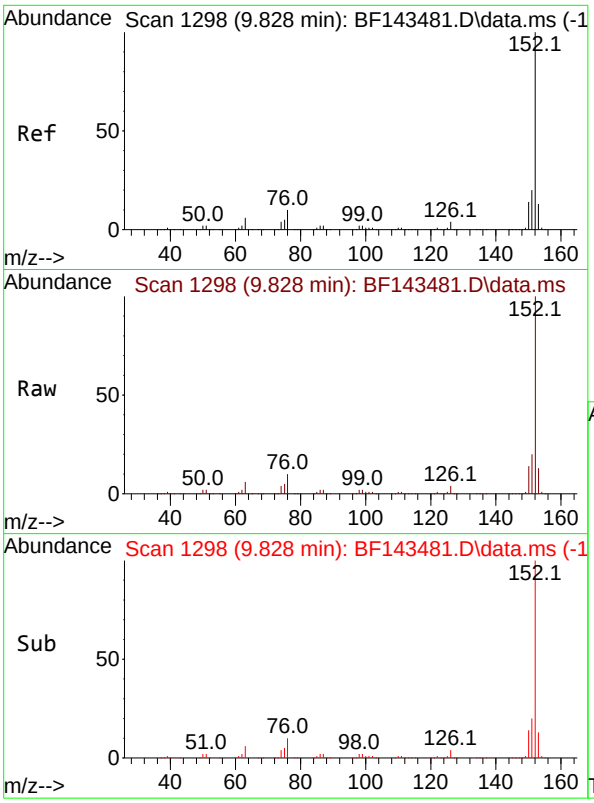


#48
2-Nitroaniline
Concen: 41.336 ng
RT: 9.504 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion: 65 Resp: 190564

Ion	Ratio	Lower	Upper
65	100		
92	67.2	53.8	80.6
138	103.0	82.4	123.6



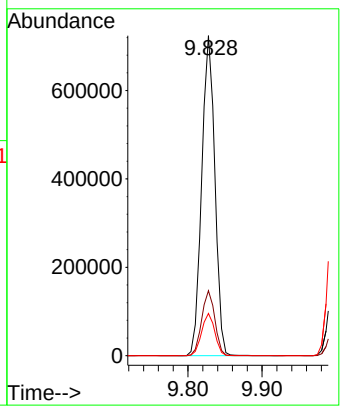


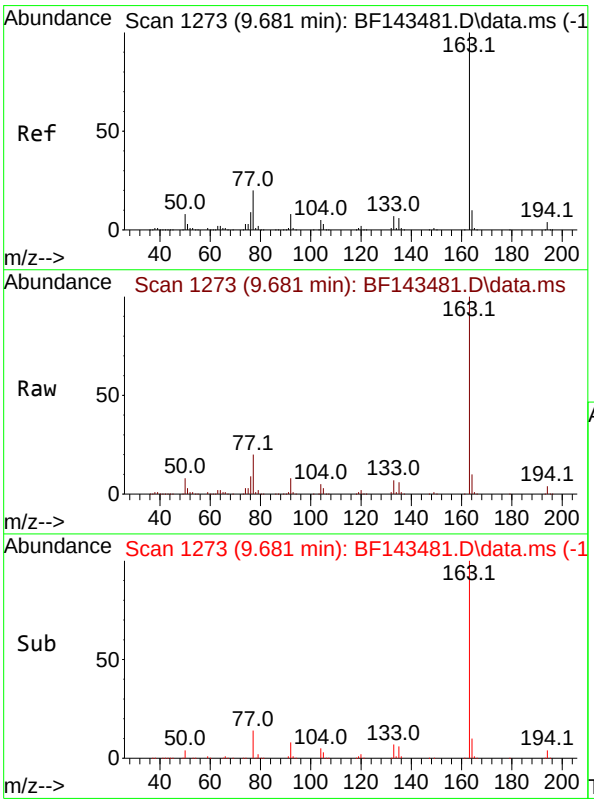
#49
Acenaphthylene
Concen: 39.620 ng
RT: 9.828 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 893624

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.2	10.6	15.8

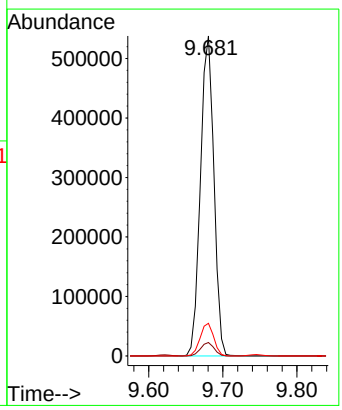


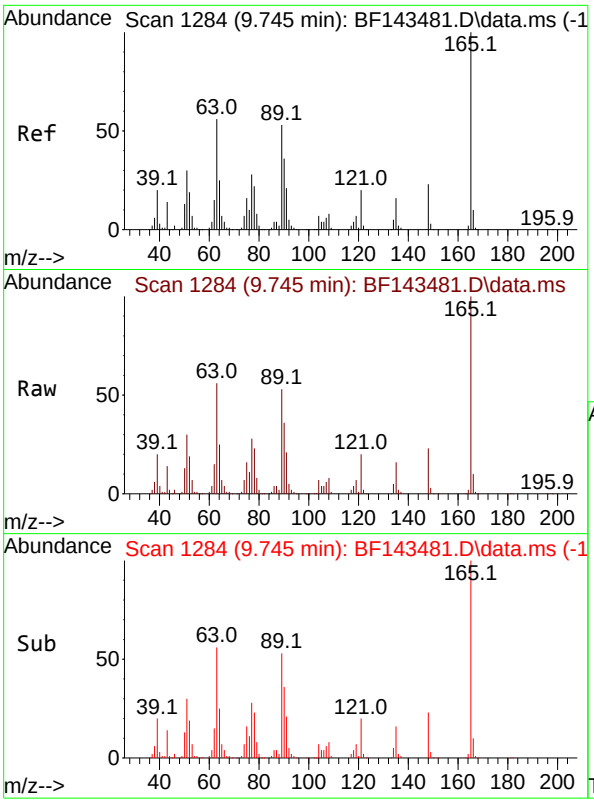


#50
Dimethylphthalate
Concen: 39.881 ng
RT: 9.681 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:163 Resp: 679389

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.2	8.2	12.2



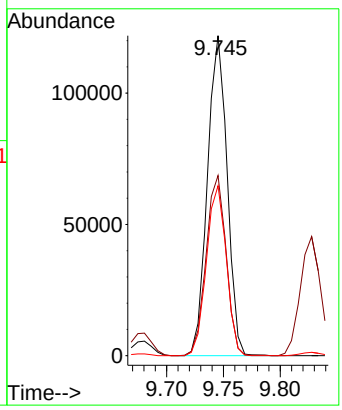


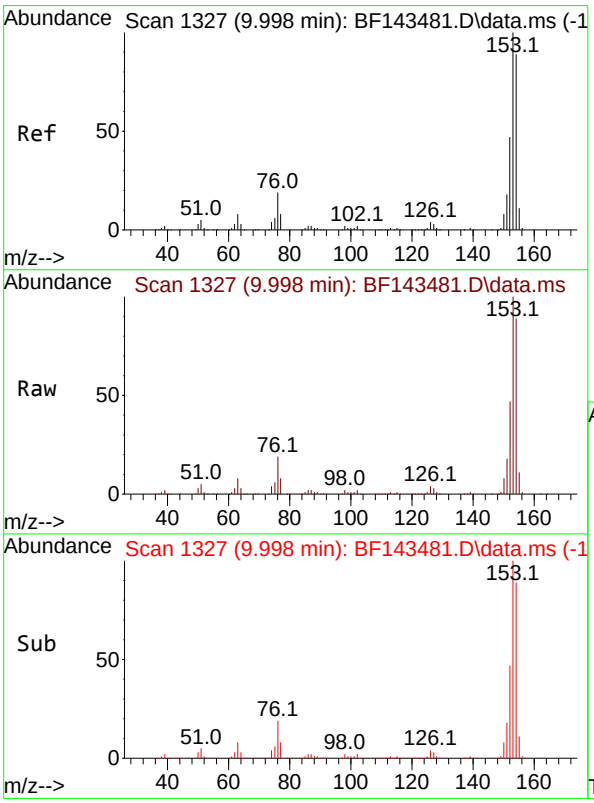
#51
2,6-Dinitrotoluene
Concen: 41.551 ng
RT: 9.745 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 146703

Ion	Ratio	Lower	Upper
165	100		
63	56.3	45.0	67.6
89	53.1	42.5	63.7

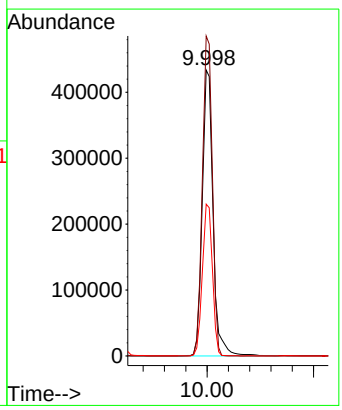


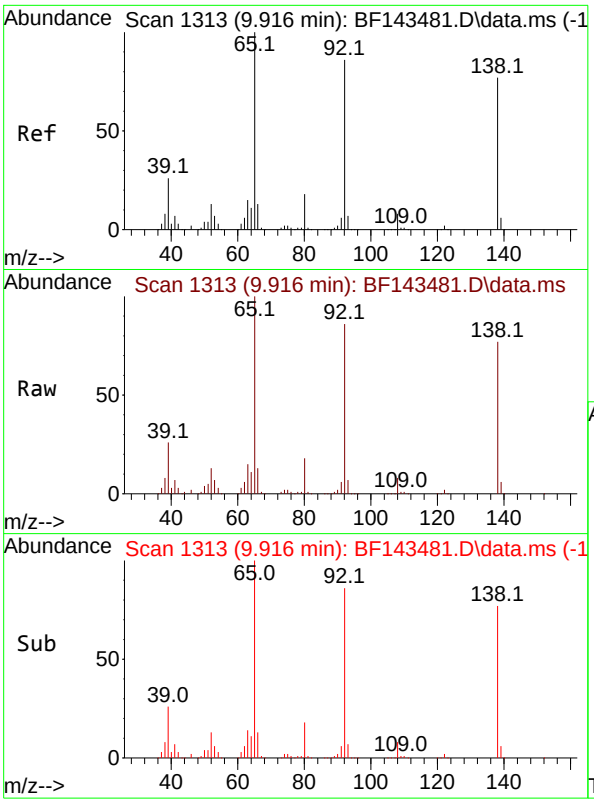


#52
Acenaphthene
Concen: 39.745 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:154 Resp: 608648

Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.5	134.3
152	53.1	42.5	63.7



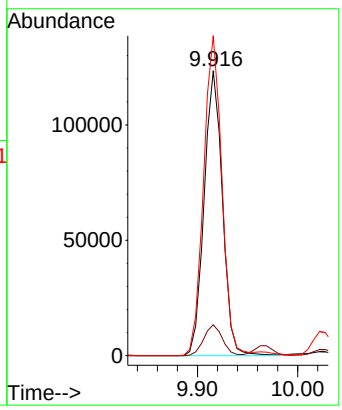


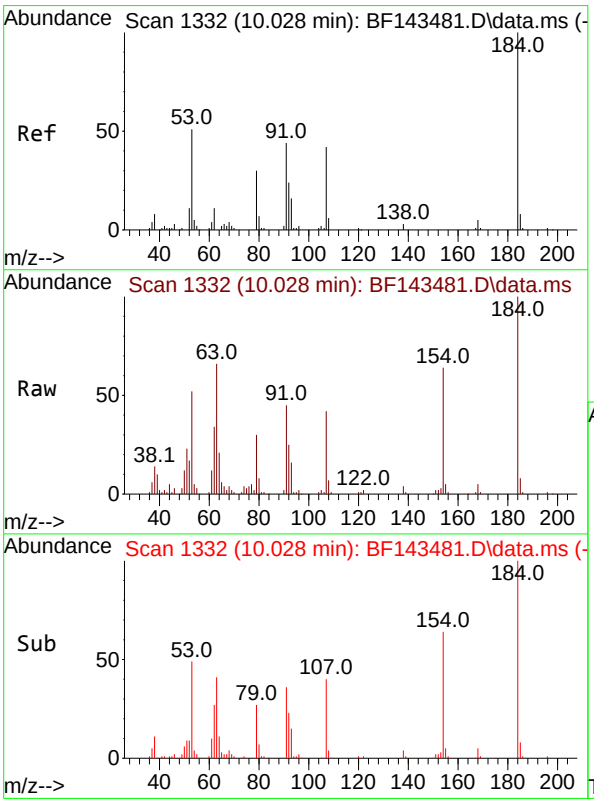
#53
3-Nitroaniline
Concen: 41.163 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 157042

Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.6	13.0
92	112.3	89.8	134.8

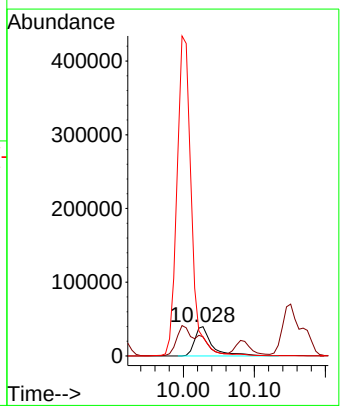


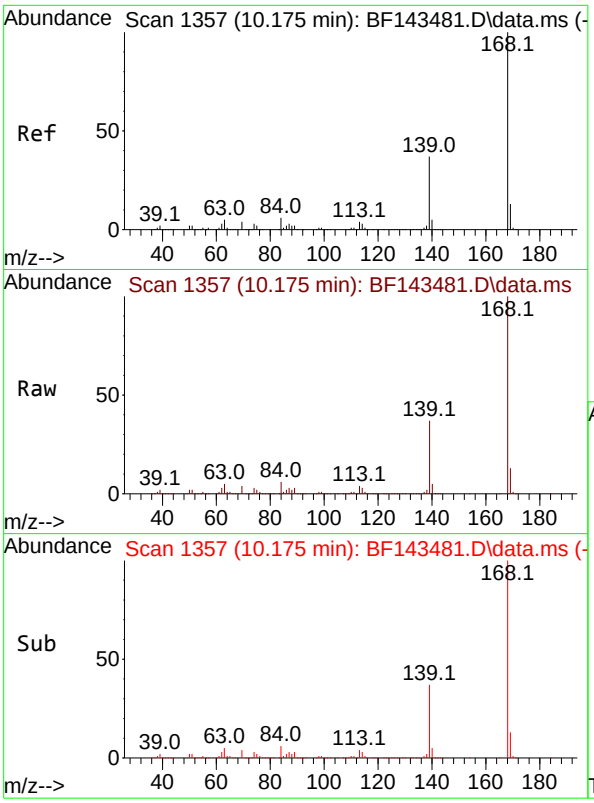


#54
2,4-Dinitrophenol
Concen: 38.822 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:184 Resp: 67793

Ion	Ratio	Lower	Upper
184	100		
63	65.7	52.6	78.8
154	63.7	51.0	76.4



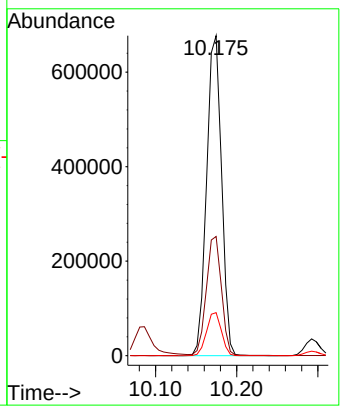


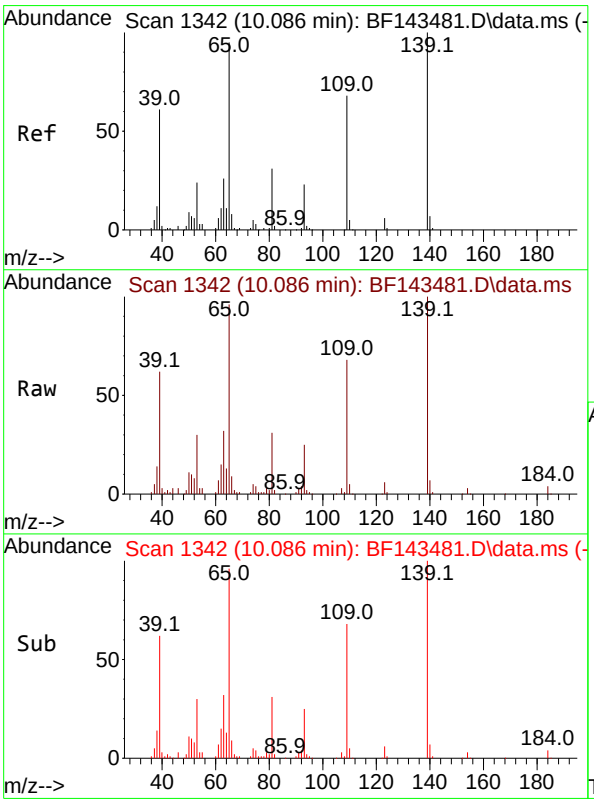
#55
Dibenzofuran
Concen: 39.465 ng
RT: 10.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 861659

Ion	Ratio	Lower	Upper
168	100		
139	37.2	29.8	44.6
169	13.5	10.8	16.2

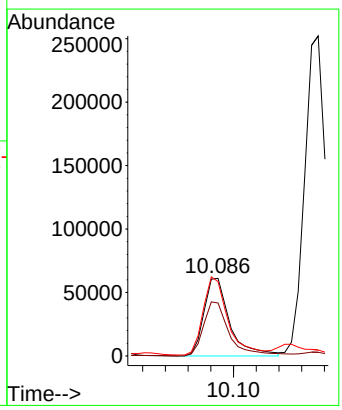


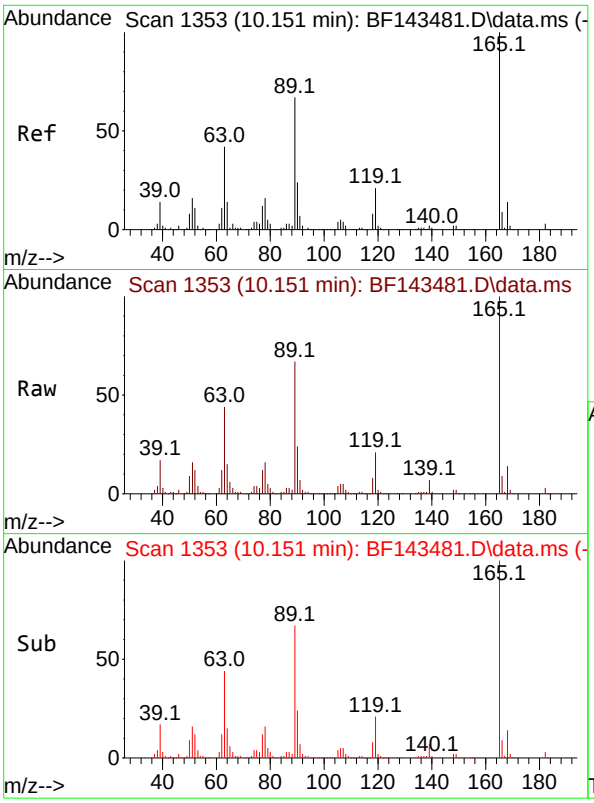


#56
4-Nitrophenol
Concen: 42.699 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:139 Resp: 96926

Ion	Ratio	Lower	Upper
139	100		
109	68.2	48.2	88.2
65	95.8	75.8	115.8



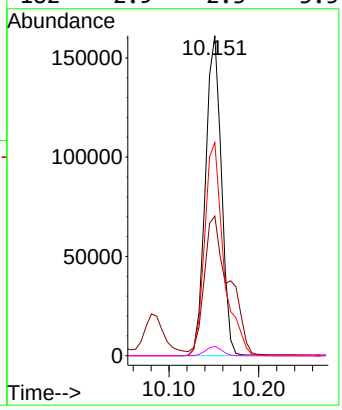


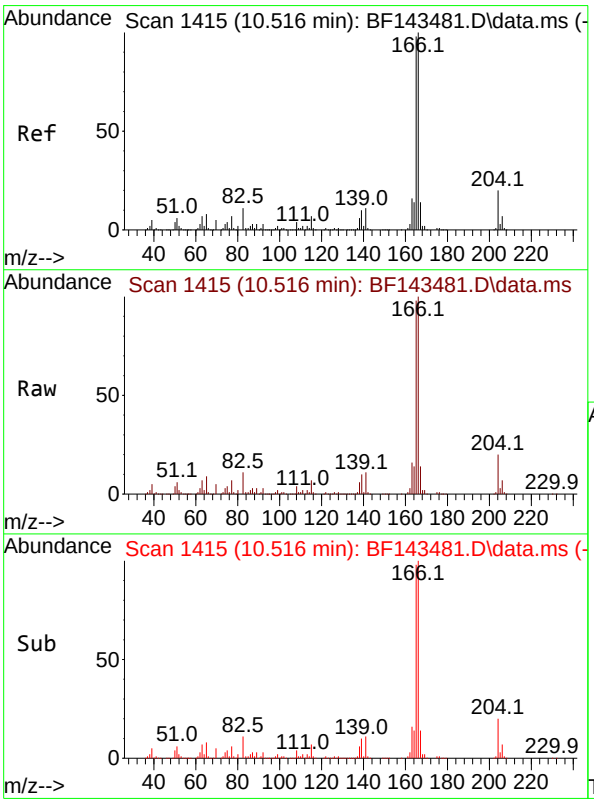
#57
2,4-Dinitrotoluene
Concen: 42.127 ng
RT: 10.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 198600

Ion	Ratio	Lower	Upper
165	100		
63	43.6	34.9	52.3
89	66.6	53.3	79.9
182	2.9	2.3	3.5

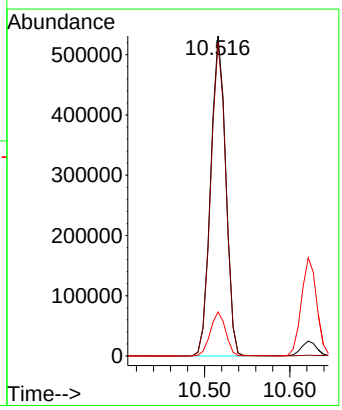


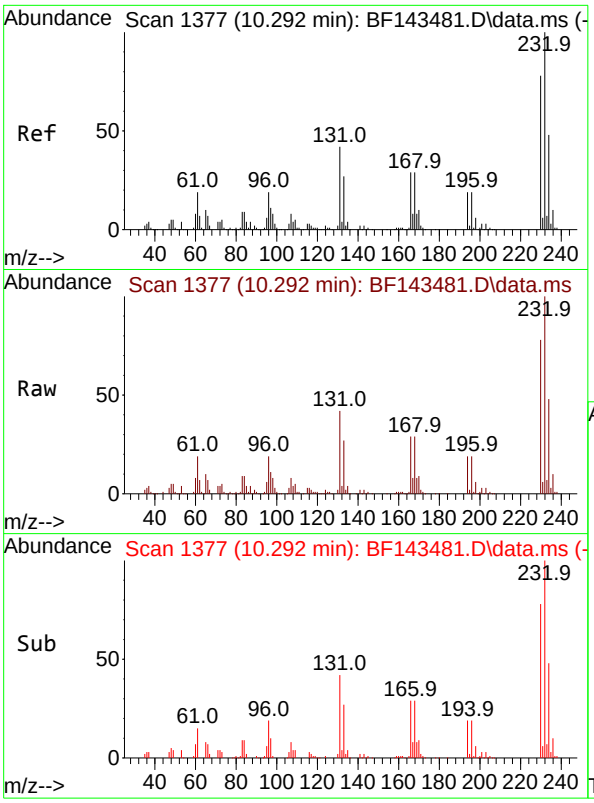


#58
Fluorene
Concen: 38.975 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:166 Resp: 654929

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.3	117.5
167	13.7	11.0	16.4



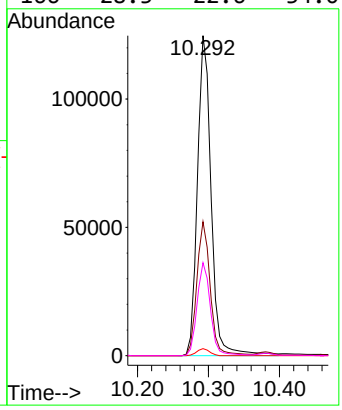


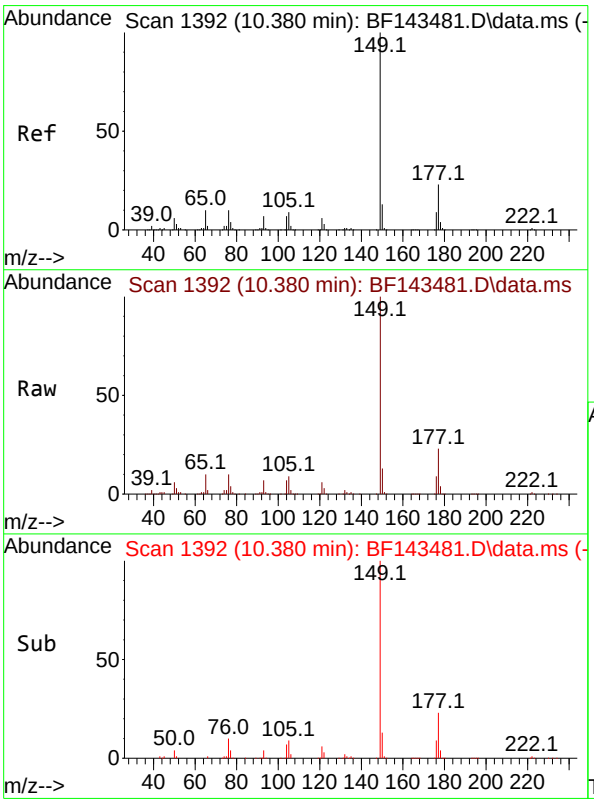
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.542 ng
RT: 10.292 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 167834

Ion	Ratio	Lower	Upper
232	100		
131	40.9	32.7	49.1
130	2.0	1.6	2.4
166	28.3	22.6	34.0

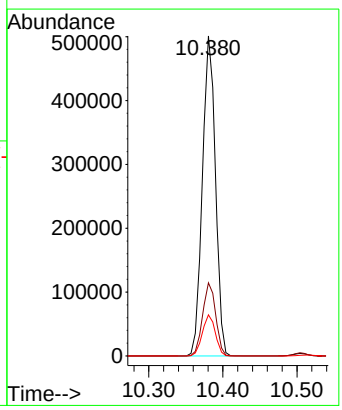


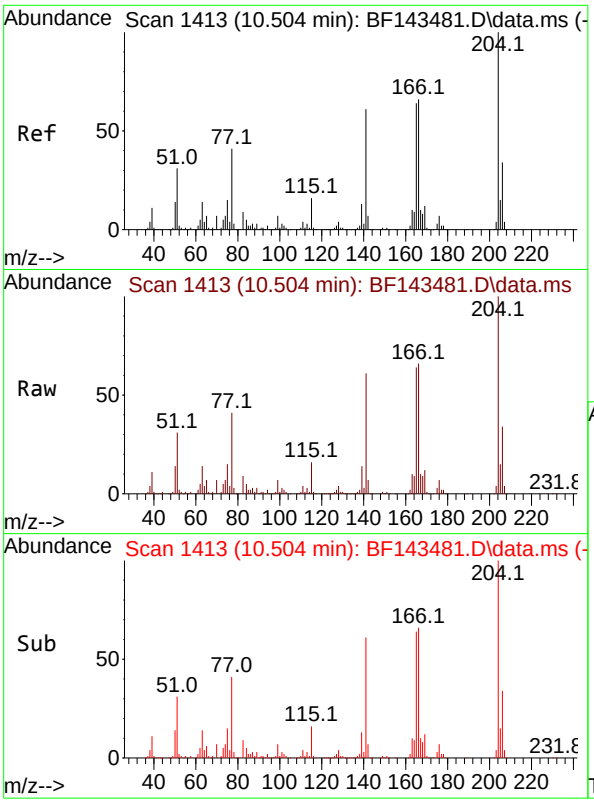


#60
Diethylphthalate
Concen: 40.167 ng
RT: 10.380 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:149 Resp: 613485

Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.3	27.5
150	12.9	10.3	15.5



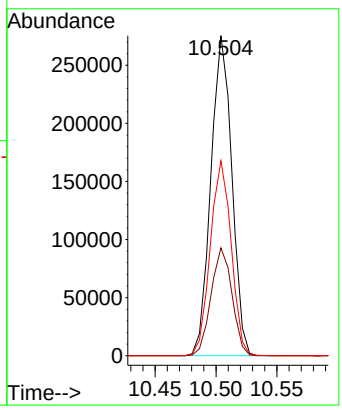


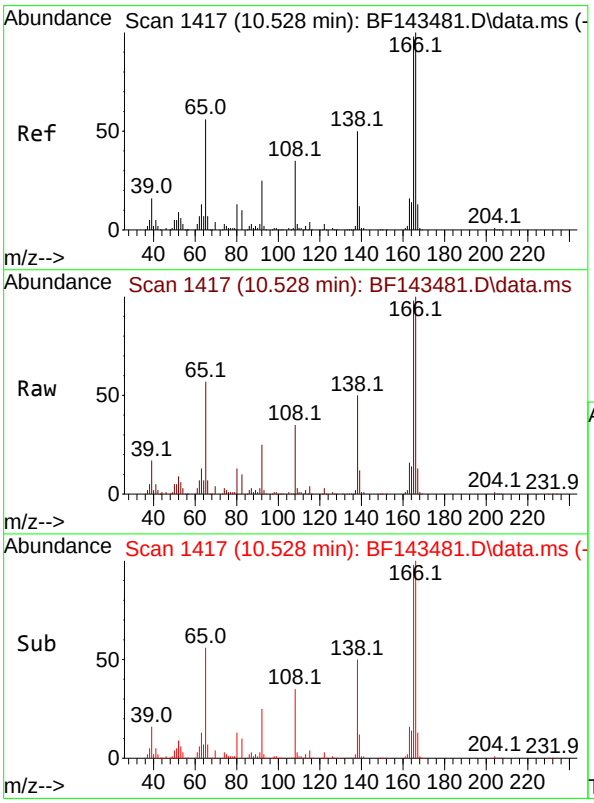
#61
4-Chlorophenyl-phenylether
Concen: 39.350 ng
RT: 10.504 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 330692

Ion	Ratio	Lower	Upper
204	100		
206	33.7	27.0	40.4
141	60.9	48.7	73.1

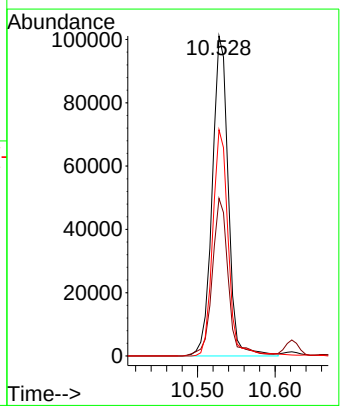


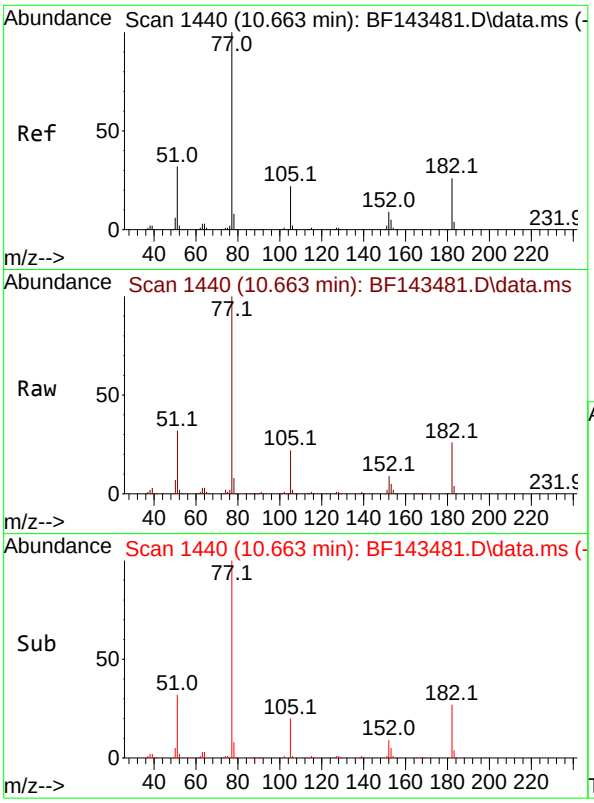


#62
4-Nitroaniline
Concen: 41.412 ng
RT: 10.528 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:138 Resp: 145120

Ion	Ratio	Lower	Upper
138	100		
92	49.3	29.3	69.3
108	70.7	50.7	90.7



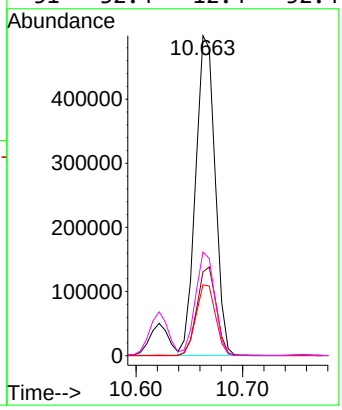


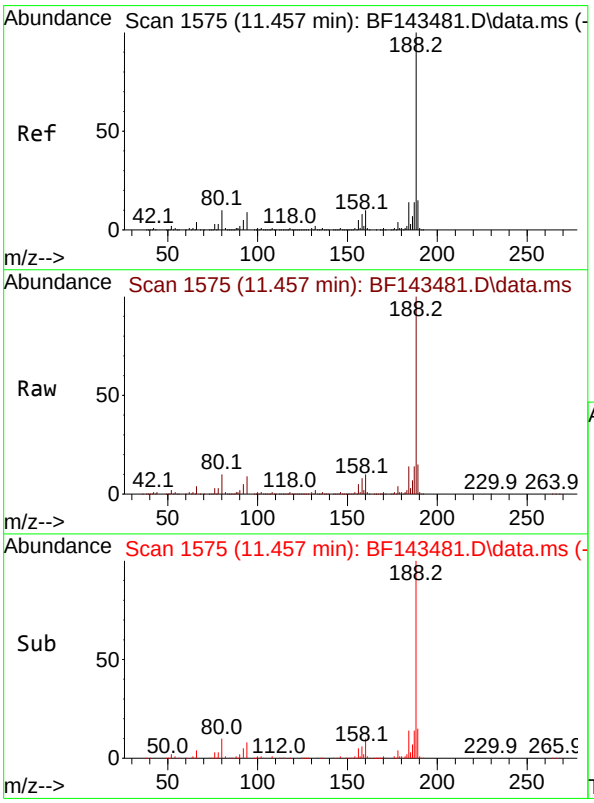
#63
Azobenzene
Concen: 40.076 ng
RT: 10.663 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 634664

Ion	Ratio	Lower	Upper
77	100		
182	26.2	6.2	46.2
105	22.2	2.2	42.2
51	32.4	12.4	52.4

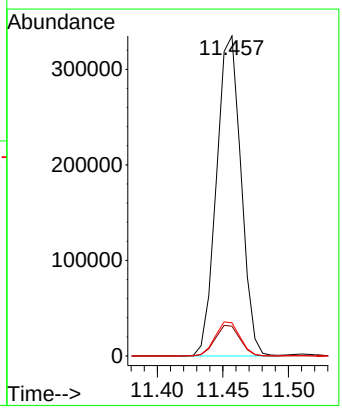


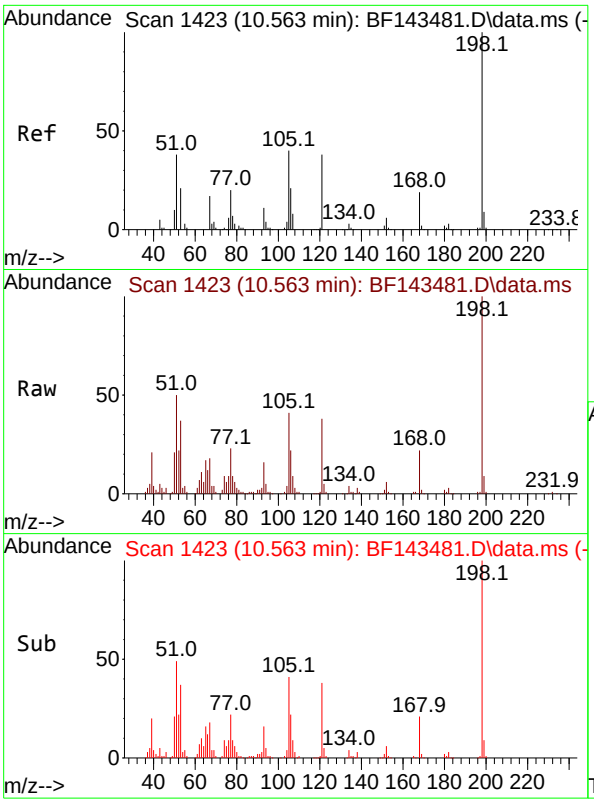


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:188 Resp: 436106

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.4	11.2
80	10.3	8.2	12.4



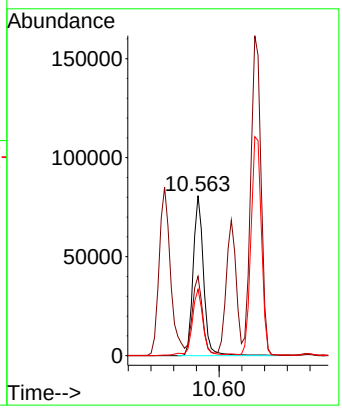


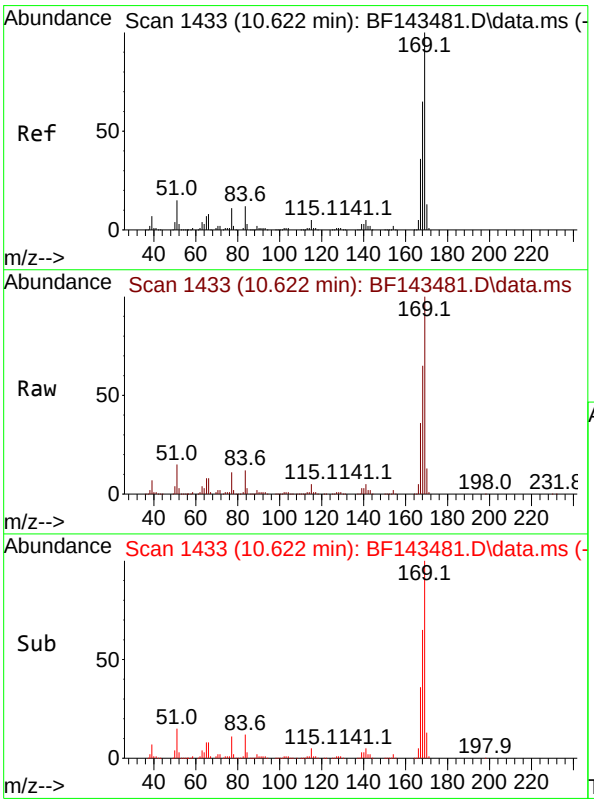
#65
4,6-Dinitro-2-methylphenol
Concen: 42.115 ng
RT: 10.563 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 103558

Ion	Ratio	Lower	Upper
198	100		
51	49.6	29.6	69.6
105	41.5	21.5	61.5

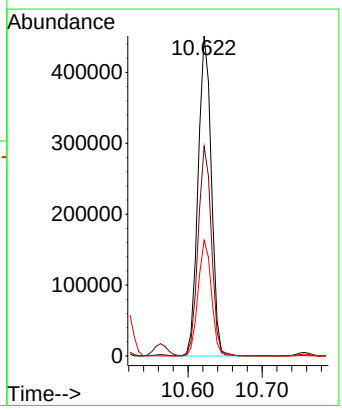


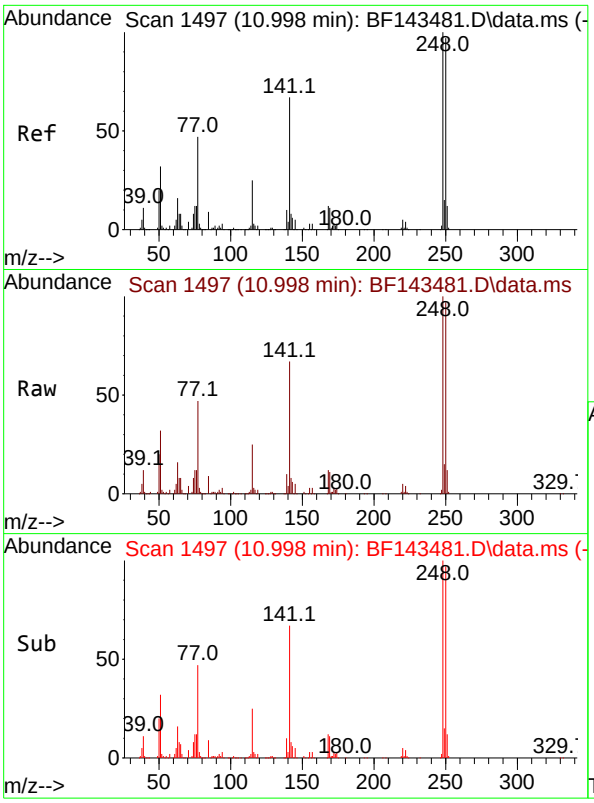


#66
n-Nitrosodiphenylamine
Concen: 39.830 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:169 Resp: 558998

Ion	Ratio	Lower	Upper
169	100		
168	65.5	52.4	78.6
167	36.1	28.9	43.3



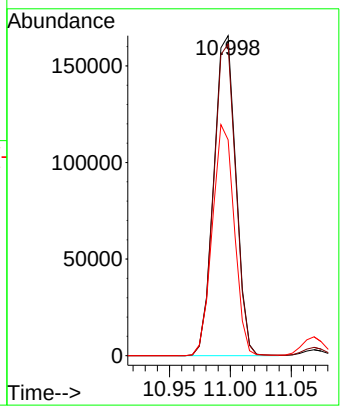


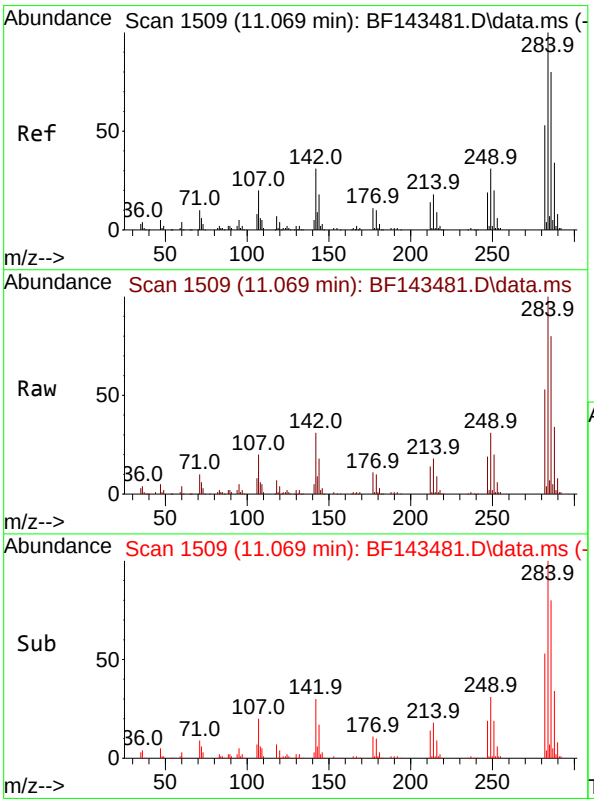
#67
4-Bromophenyl-phenylether
Concen: 40.374 ng
RT: 10.998 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 210081

Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.8	116.8
141	67.5	54.0	81.0

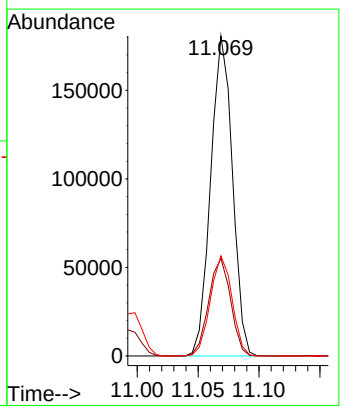


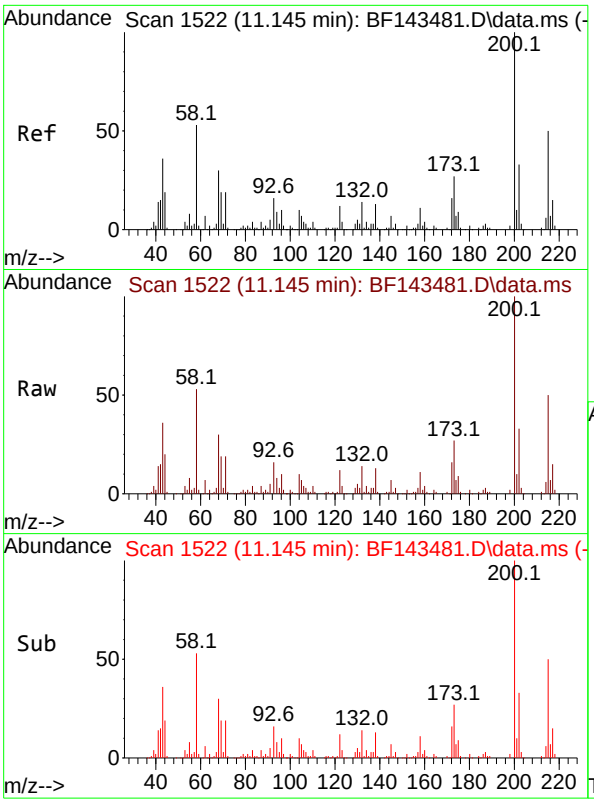


#68
Hexachlorobenzene
Concen: 39.989 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:284 Resp: 224294

Ion	Ratio	Lower	Upper
284	100		
142	30.5	24.4	36.6
249	31.3	25.0	37.6



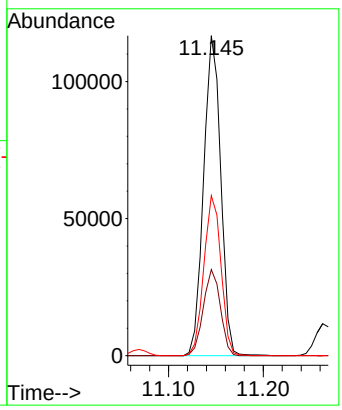


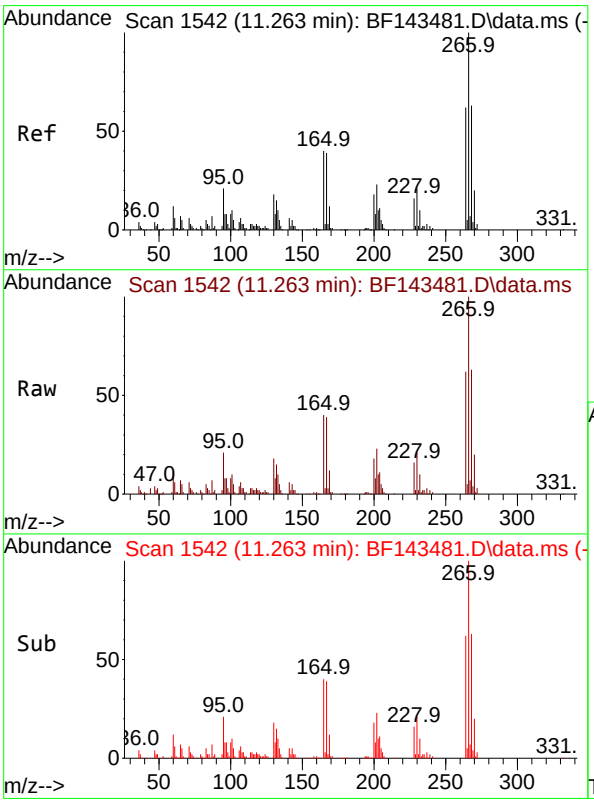
#69
Atrazine
Concen: 40.437 ng
RT: 11.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 146499

Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.9	46.9
215	50.0	30.0	70.0

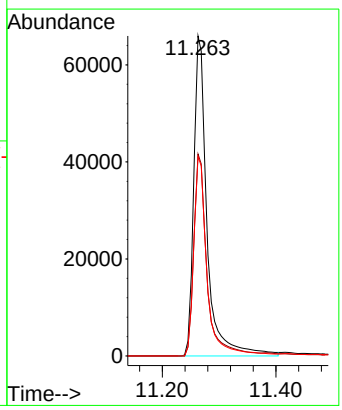


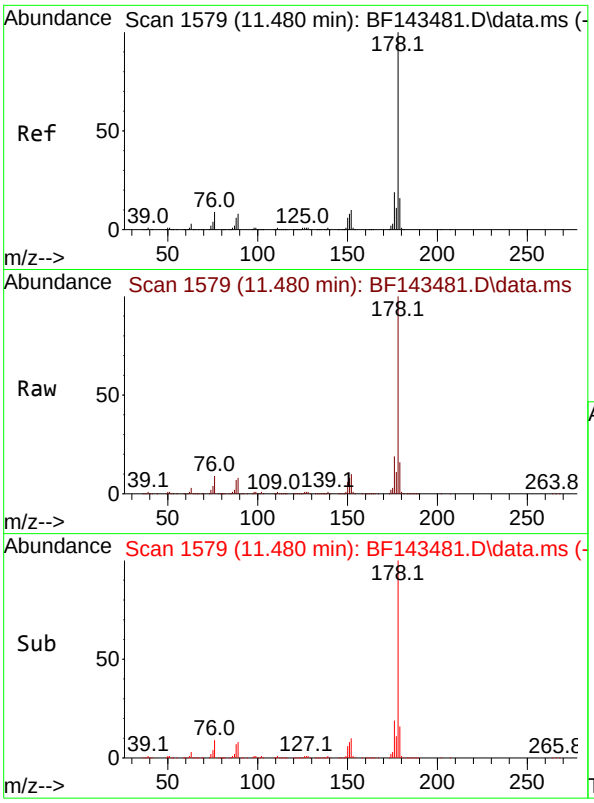


#70
Pentachlorophenol
Concen: 42.121 ng
RT: 11.263 min Scan# 1542
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:266 Resp: 108200

Ion	Ratio	Lower	Upper
266	100		
268	63.1	50.5	75.7
264	62.3	49.8	74.8



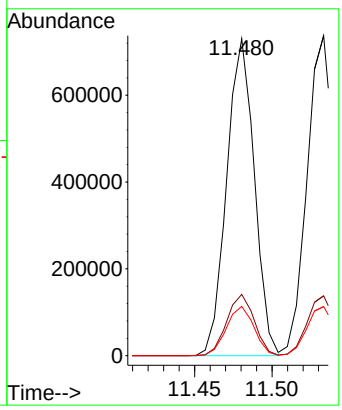


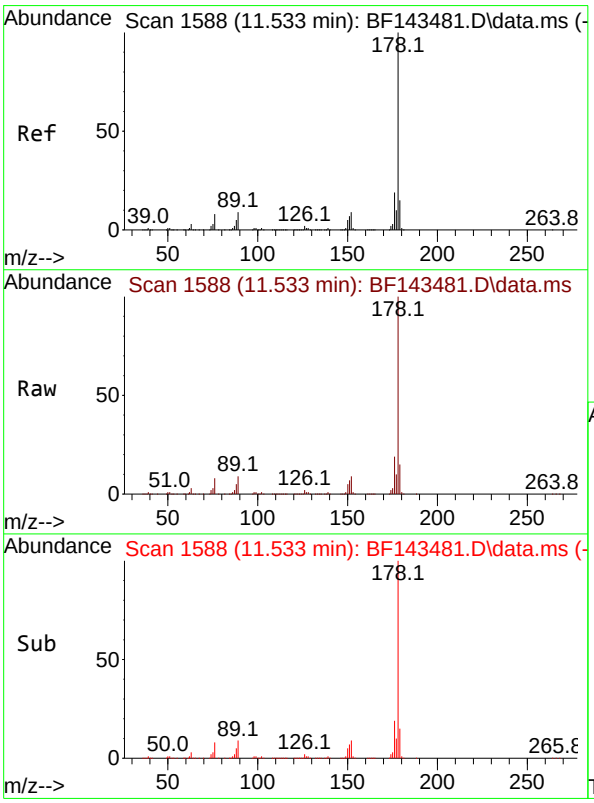
#71
Phenanthrene
Concen: 38.800 ng
RT: 11.480 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 906136

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.6	12.5	18.7

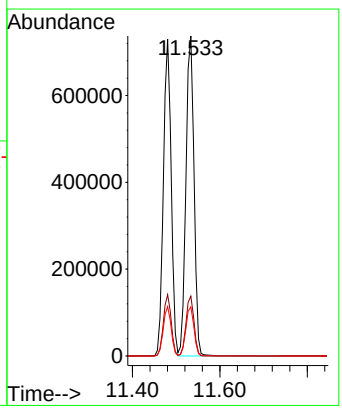


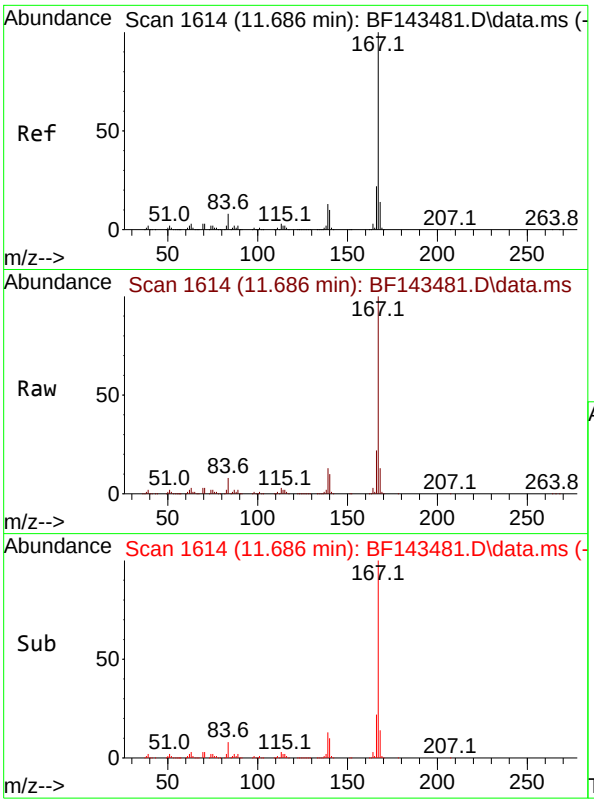


#72
Anthracene
Concen: 39.587 ng
RT: 11.533 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:178 Resp: 936575

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.4	12.3	18.5



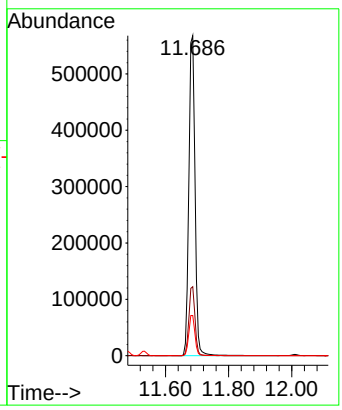


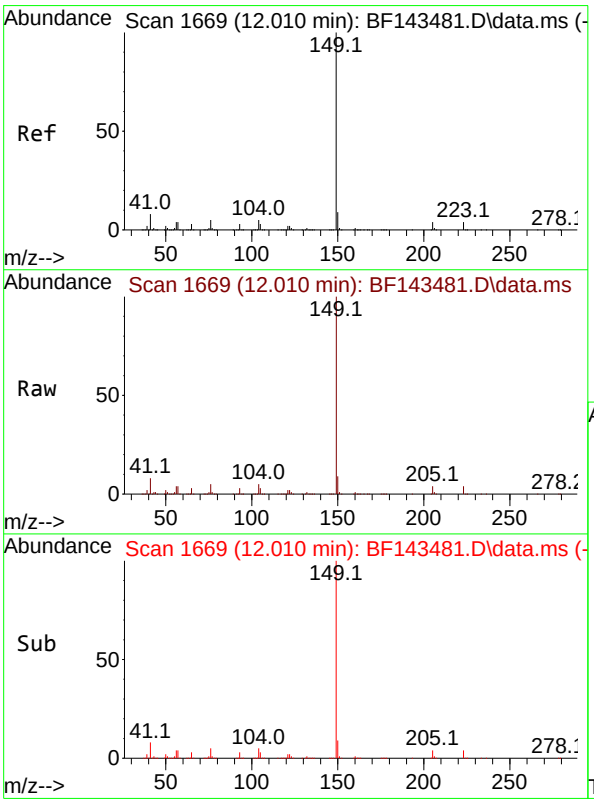
#73
Carbazole
Concen: 39.704 ng
RT: 11.686 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:167 Resp: 769702

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.3	25.9
139	12.5	10.0	15.0

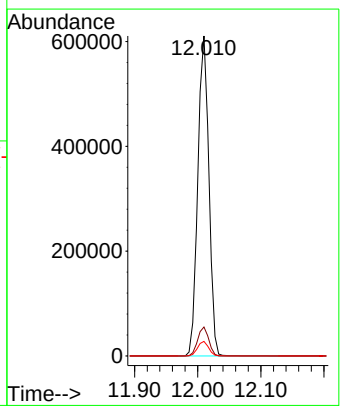


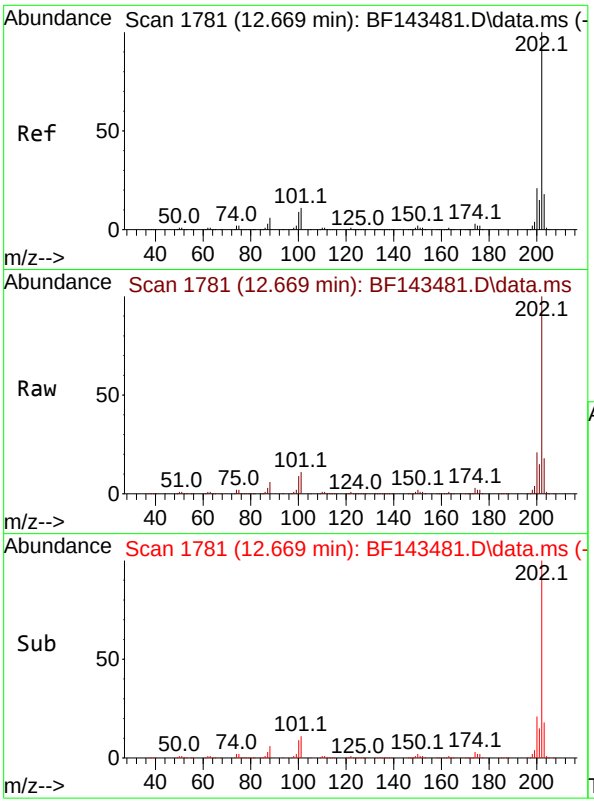


#74
Di-n-butylphthalate
Concen: 40.975 ng
RT: 12.010 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:149 Resp: 741021

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.2	10.8
104	4.5	3.6	5.4



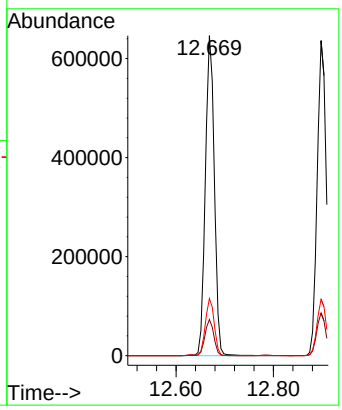


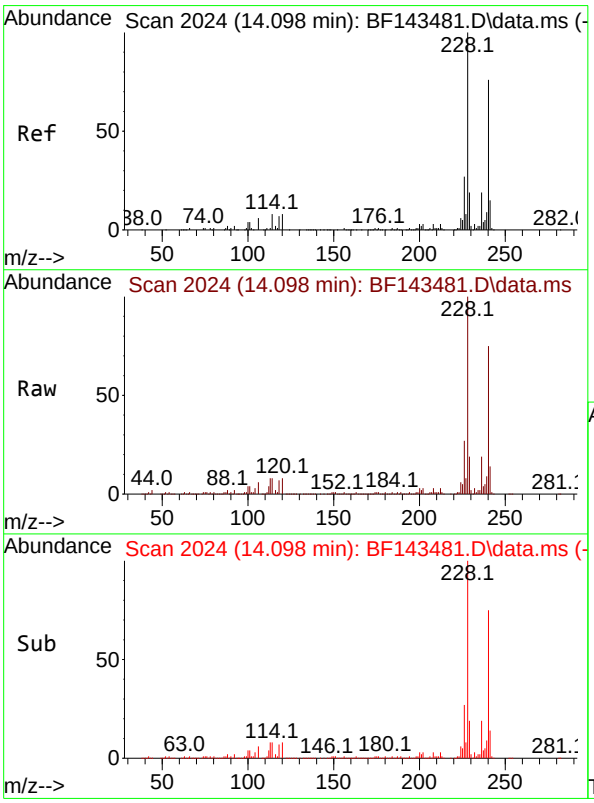
#75
Fluoranthene
Concen: 39.378 ng
RT: 12.669 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 825200

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.3
203	17.9	0.0	37.9

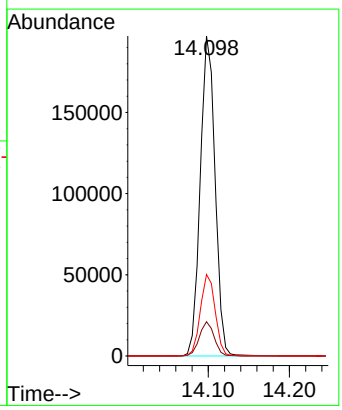


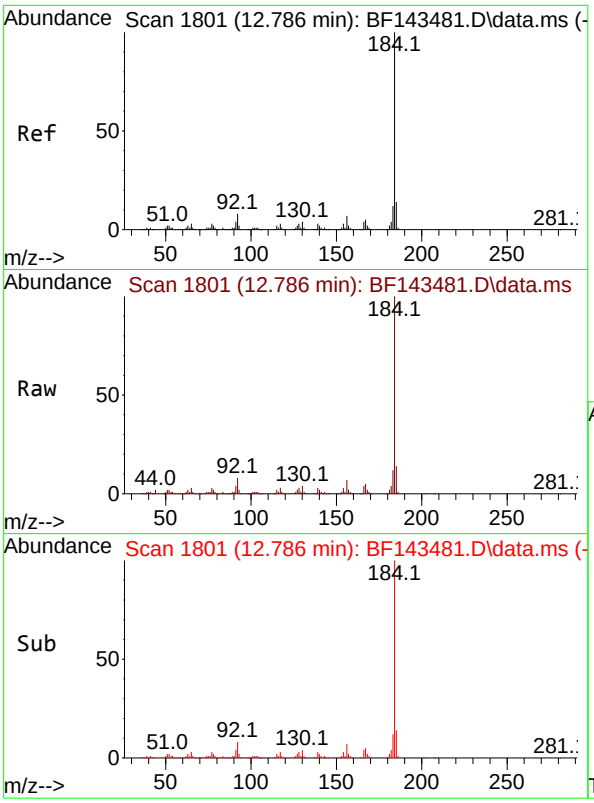


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:240 Resp: 249960

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.6	12.8
236	25.5	20.4	30.6



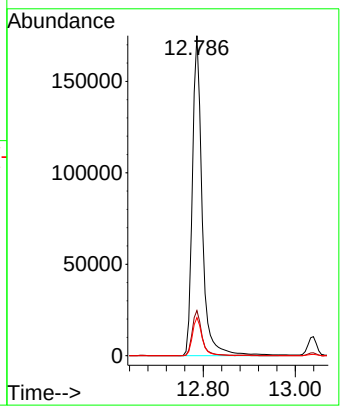


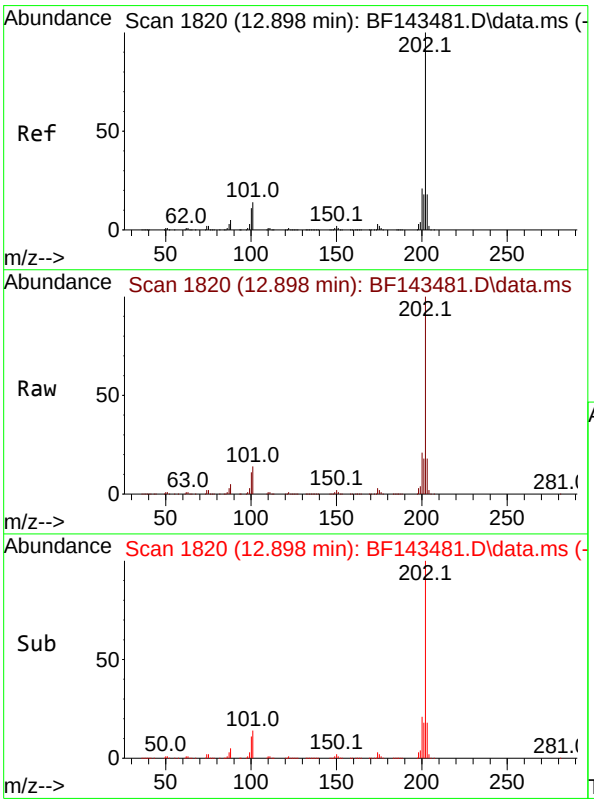
#77
Benzidine
Concen: 42.403 ng
RT: 12.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 258175

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.3	16.9
183	11.9	9.5	14.3

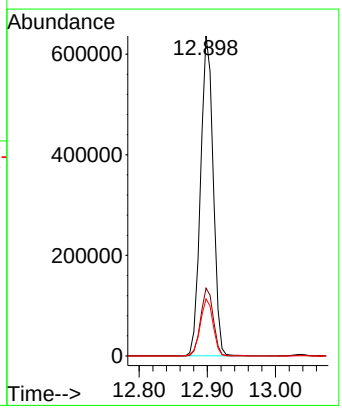


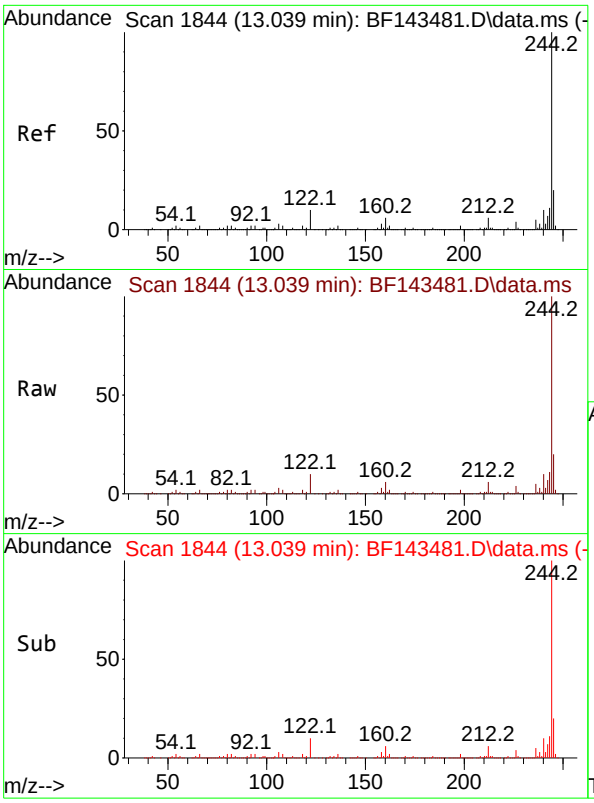


#78
Pyrene
Concen: 39.759 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:202 Resp: 817477

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.9	14.3	21.5



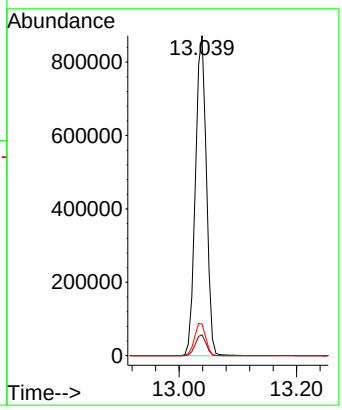


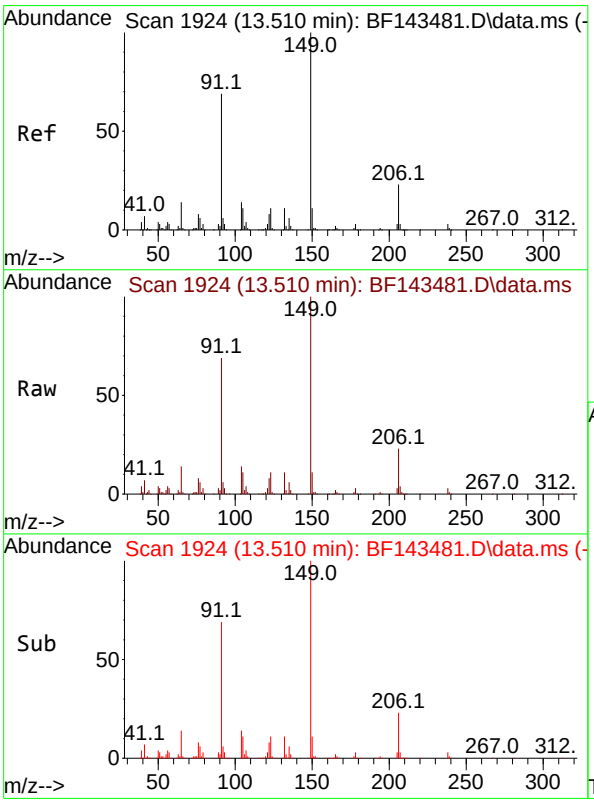
#79
Terphenyl-d14
Concen: 78.865 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 1129659

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	9.9	7.9	11.9

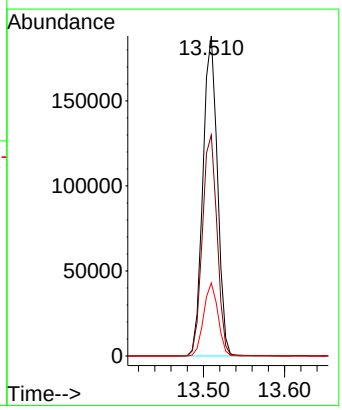


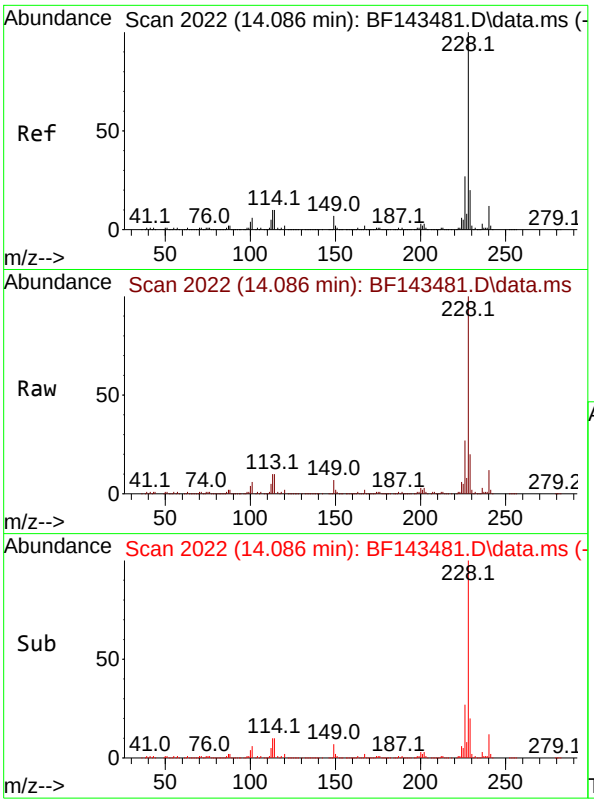


#80
Butylbenzylphthalate
Concen: 41.552 ng
RT: 13.510 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:149 Resp: 233397

Ion	Ratio	Lower	Upper
149	100		
91	69.1	55.3	82.9
206	22.8	18.2	27.4



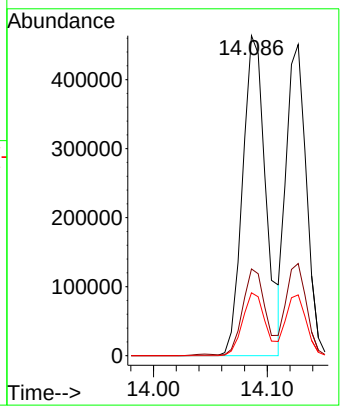


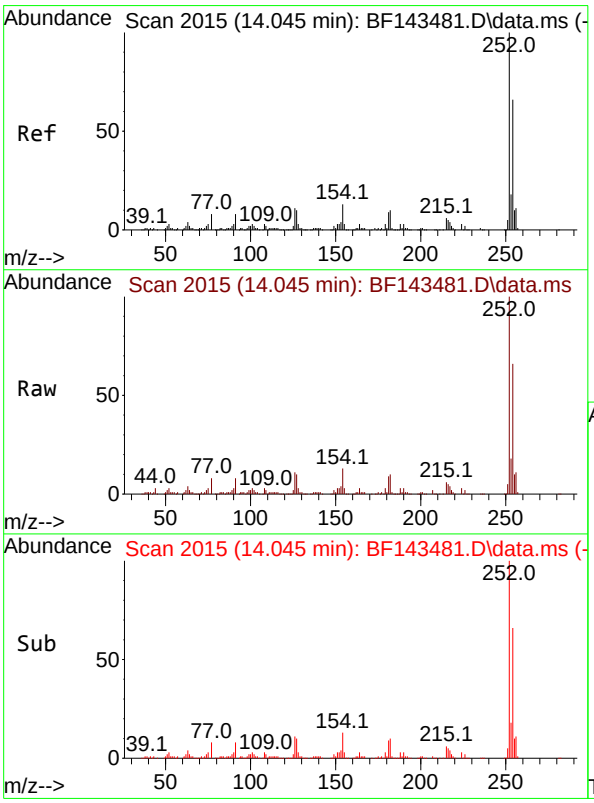
#81
Benzo(a)anthracene
Concen: 40.938 ng
RT: 14.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 658804

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.6	15.7	23.5

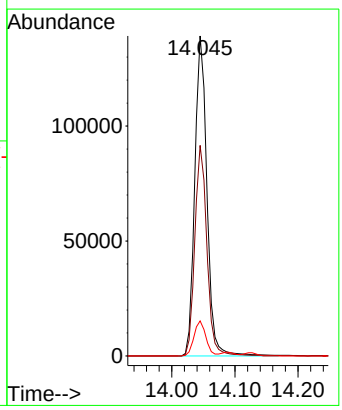


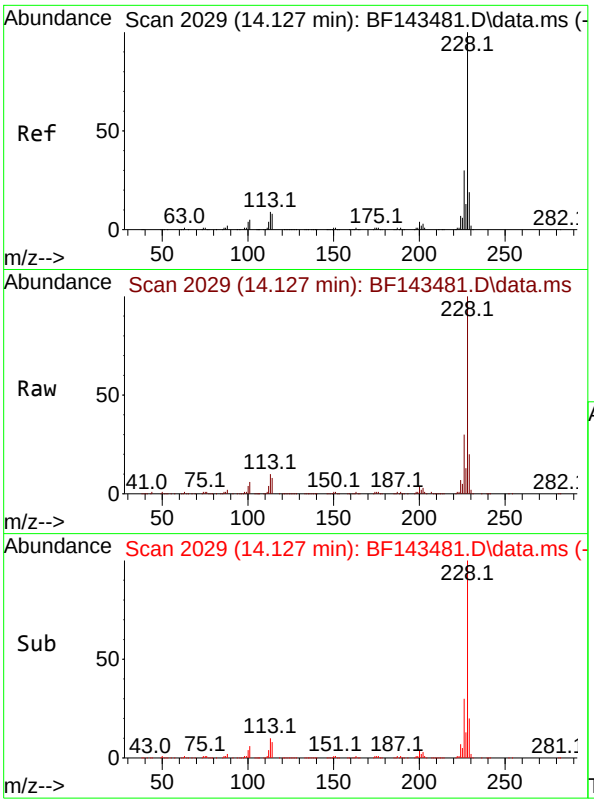


#82
3,3'-Dichlorobenzidine
Concen: 40.425 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:252 Resp: 186301

Ion	Ratio	Lower	Upper
252	100		
254	65.8	52.6	79.0
126	10.9	8.7	13.1



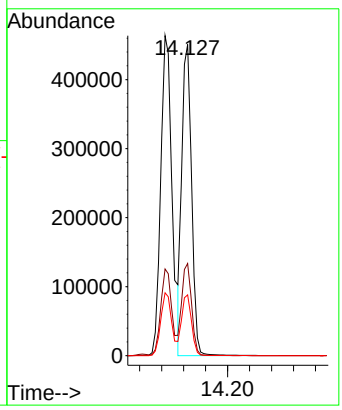


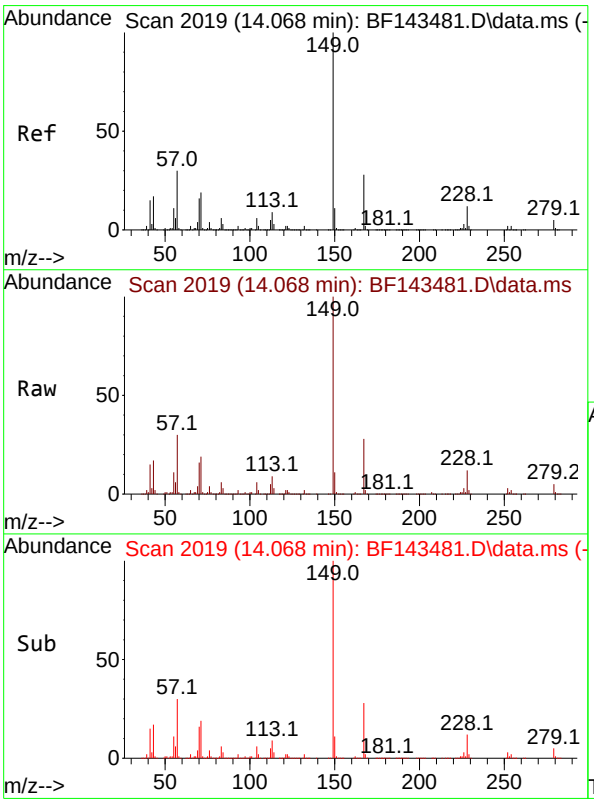
#83
Chrysene
Concen: 38.482 ng
RT: 14.127 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 556527

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.7	35.5
229	19.6	15.7	23.5

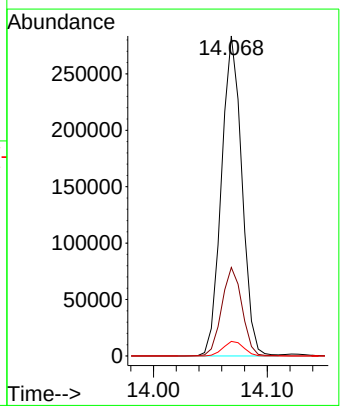


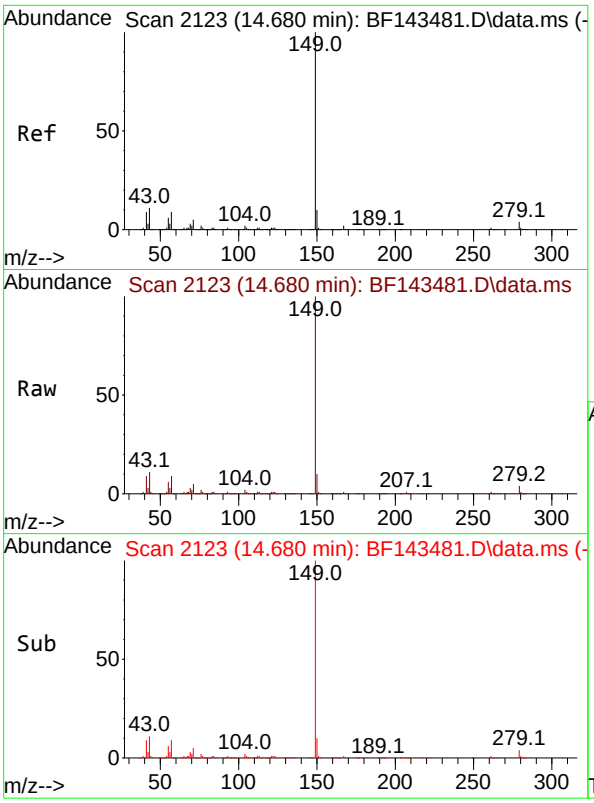


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.471 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:149 Resp: 354779

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.2
279	4.5	3.6	5.4



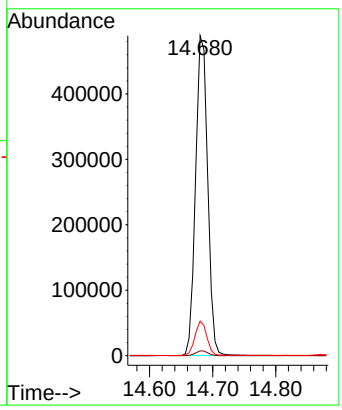


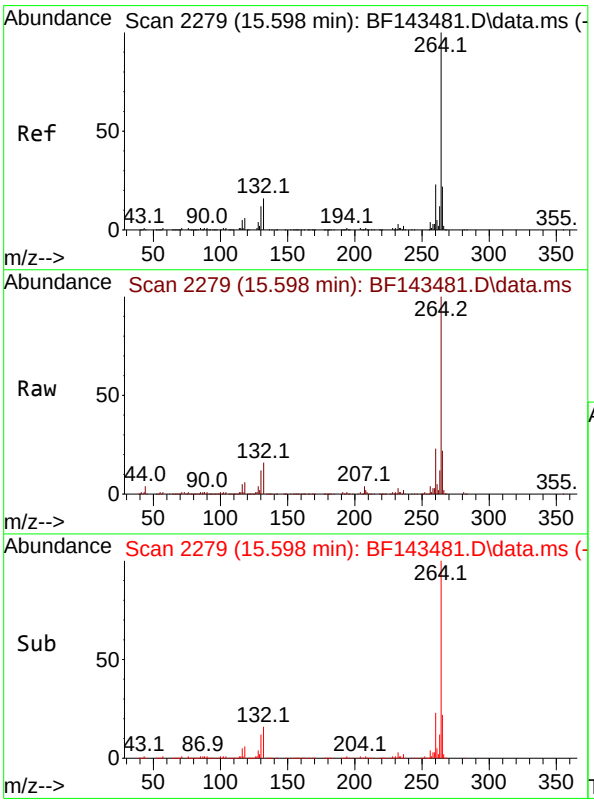
#85
Di-n-octyl phthalate
Concen: 40.959 ng
RT: 14.680 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 649137

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.6	8.5	12.7

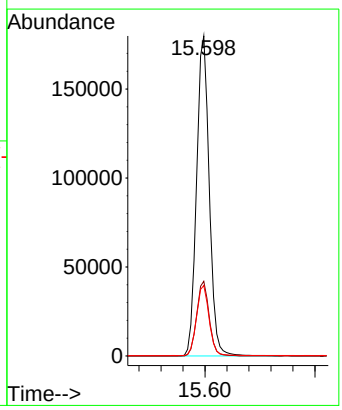


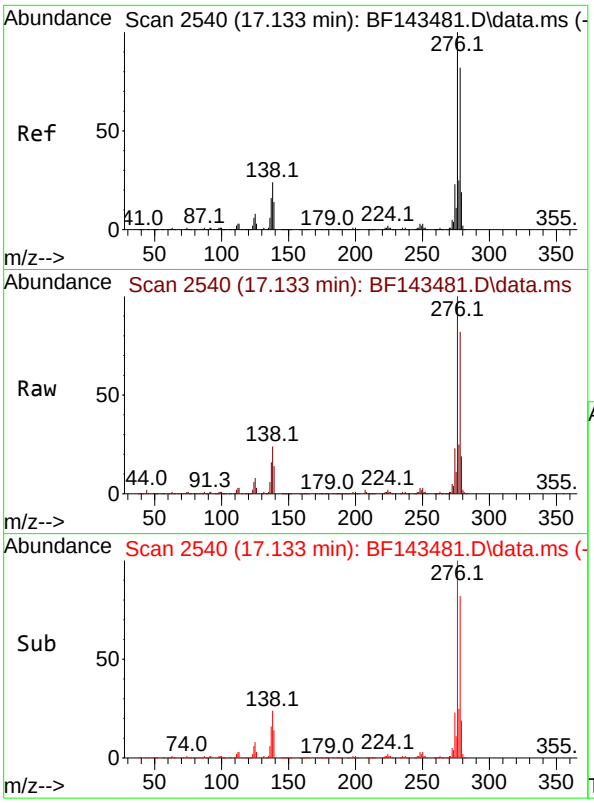


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:264 Resp: 288139

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	22.0	17.6	26.4



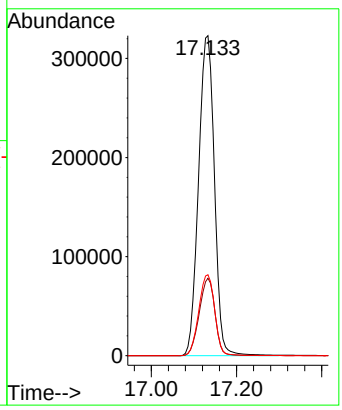


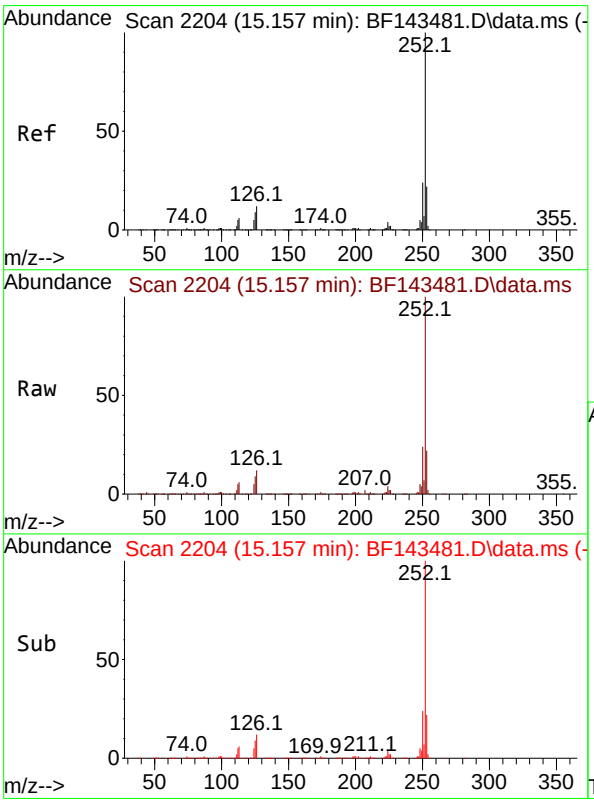
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.334 ng
RT: 17.133 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:276 Resp: 835150

Ion	Ratio	Lower	Upper
276	100		
138	24.0	19.2	28.8
277	25.4	20.3	30.5

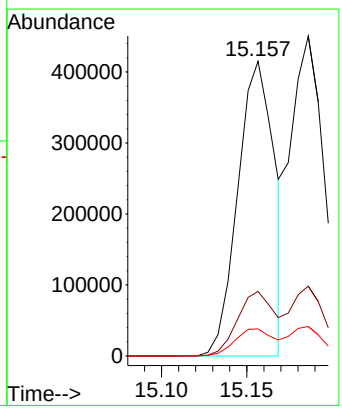


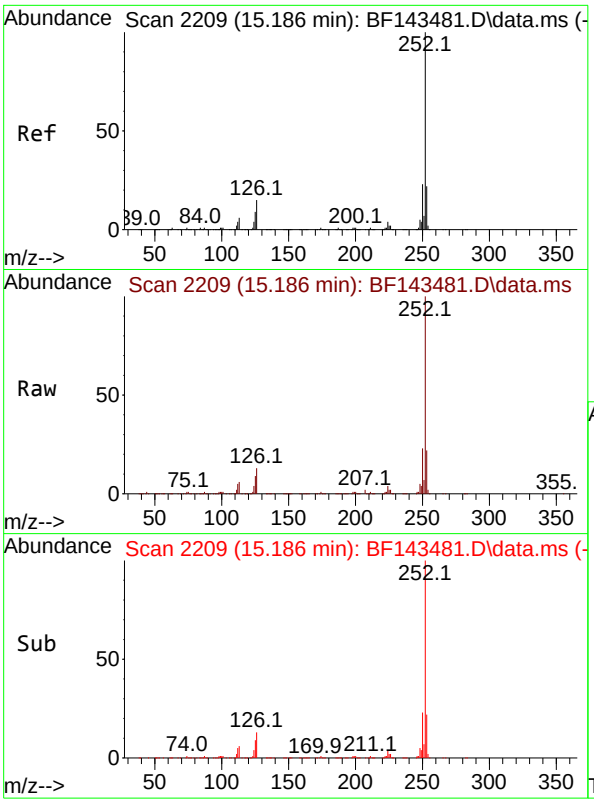


#88
Benzo(b)fluoranthene
Concen: 38.627 ng
RT: 15.157 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:252 Resp: 618677

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.2	7.4	11.0



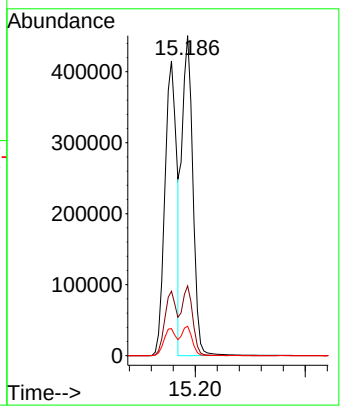


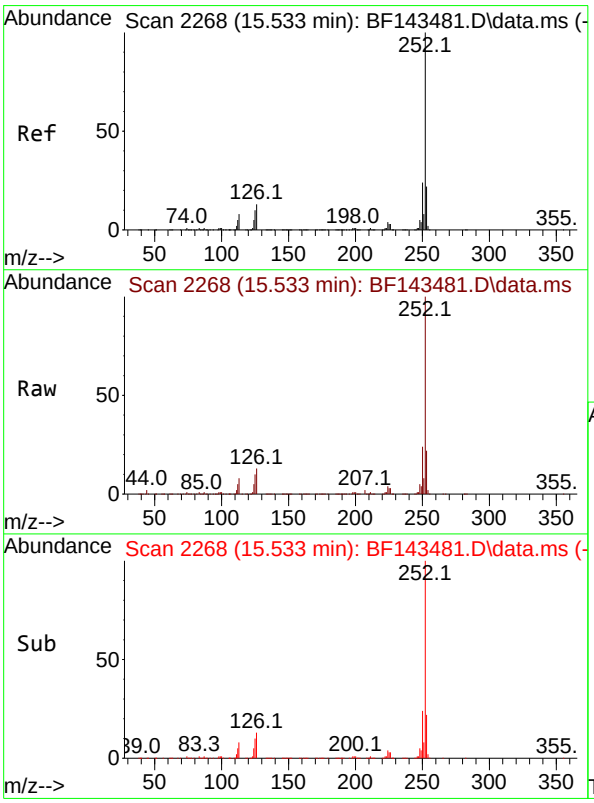
#89
Benzo(k)fluoranthene
Concen: 40.628 ng
RT: 15.186 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 623043

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	9.2	7.4	11.0

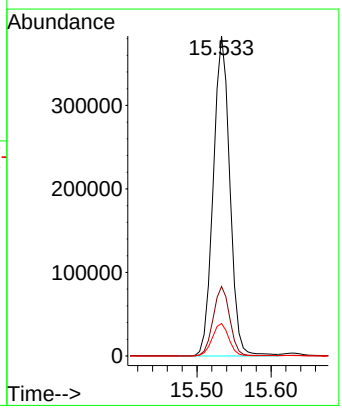


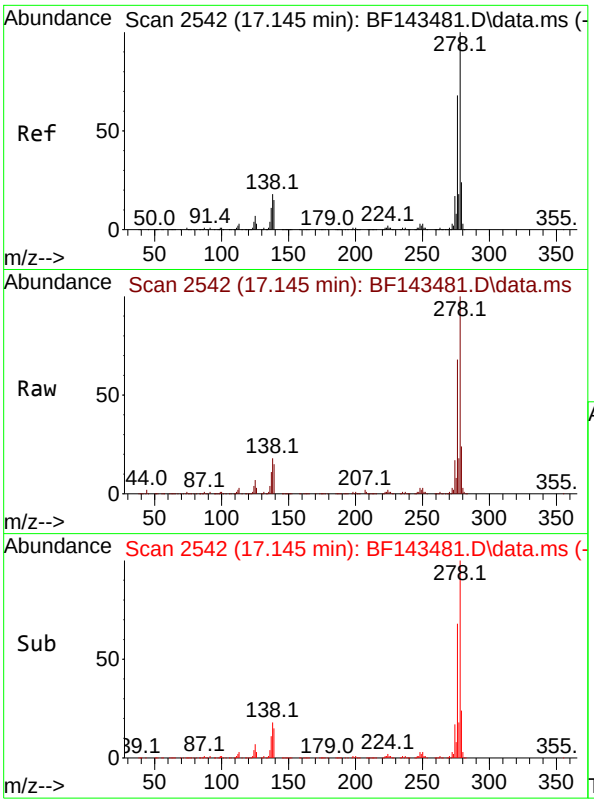


#90
Benzo(a)pyrene
Concen: 39.996 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:252 Resp: 594623

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	10.2	8.2	12.2



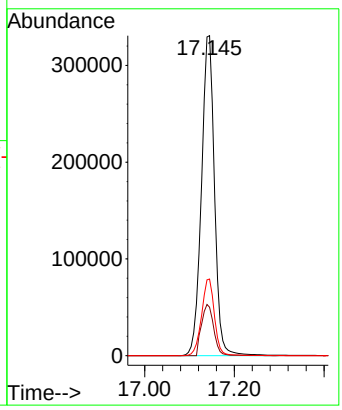


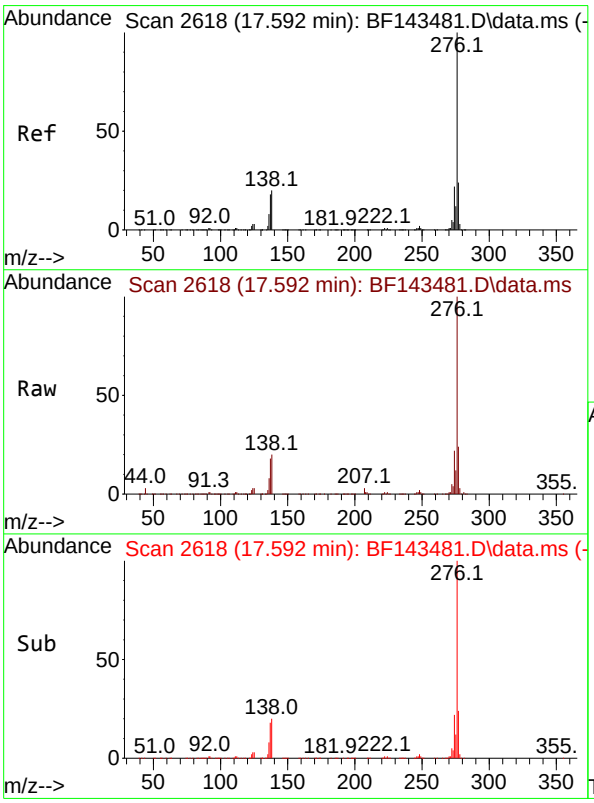
#91
Dibenzo(a,h)anthracene
Concen: 40.370 ng
RT: 17.145 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 669452

Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.1	18.1
279	24.0	19.2	28.8

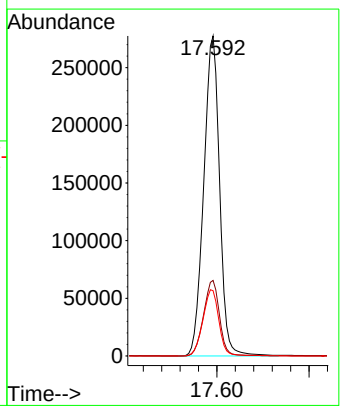




#92
Benzo(g,h,i)perylene
Concen: 40.417 ng
RT: 17.592 min Scan# 2618
Delta R.T. -0.012 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:276 Resp: 666442

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	20.4	16.3	24.5



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143482.D
Acq On : 20 Aug 2025 13:22
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Aug 20 16:23:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	136821	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	508977	20.000	ng		0.00
39) Acenaphthene-d10	9.969	164	274766	20.000	ng		0.00
64) Phenanthrene-d10	11.457	188	422398	20.000	ng		0.00
76) Chrysene-d12	14.098	240	244315	20.000	ng		0.00
86) Perylene-d12	15.598	264	288719	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	743545	94.894	ng		0.00
7) Phenol-d6	6.569	99	917735	94.880	ng		0.00
23) Nitrobenzene-d5	7.492	82	851921	97.674	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	248877	97.306	ng		0.00
45) 2-Fluorobiphenyl	9.286	172	1518897	91.359	ng		0.00
79) Terphenyl-d14	13.039	244	1336561	95.465	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	177472	48.893	ng		99
3) Pyridine	3.516	79	475201	49.153	ng		99
4) n-Nitrosodimethylamine	3.463	42	216544	49.825	ng		98
6) Aniline	6.592	93	615592	47.614	ng		93
8) 2-Chlorophenol	6.722	128	420515	48.589	ng		98
9) Benzaldehyde	6.481	77	387617	49.497	ng		99
10) Phenol	6.581	94	531465	47.696	ng		98
11) bis(2-Chloroethyl)ether	6.663	93	400326	48.077	ng		98
12) 1,3-Dichlorobenzene	6.869	146	460100	47.316	ng		99
13) 1,4-Dichlorobenzene	6.945	146	463354	47.503	ng		99
14) 1,2-Dichlorobenzene	7.098	146	440736	47.724	ng		100
15) Benzyl Alcohol	7.069	79	355789	49.130	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	617519	46.354	ng		95
17) 2-Methylphenol	7.187	107	333608	48.029	ng		98
18) Hexachloroethane	7.439	117	157972	47.633	ng		97
19) n-Nitroso-di-n-propyla...	7.339	70	273528	46.266	ng		98
20) 3+4-Methylphenols	7.339	107	391106	47.167	ng		96
22) Acetophenone	7.339	105	511600	46.526	ng	#	99
24) Nitrobenzene	7.510	77	443345	49.387	ng		100
25) Isophorone	7.751	82	773853	48.401	ng		99
26) 2-Nitrophenol	7.828	139	222383	50.572	ng		100
27) 2,4-Dimethylphenol	7.863	122	333188	48.606	ng		98
28) bis(2-Chloroethoxy)met...	7.957	93	472331	48.070	ng		99
29) 2,4-Dichlorophenol	8.075	162	358054	48.908	ng		100
30) 1,2,4-Trichlorobenzene	8.151	180	358839	47.673	ng		99
31) Naphthalene	8.234	128	1154068	47.228	ng		100
32) Benzoic acid	7.992	122	194231	49.619	ng		97
33) 4-Chloroaniline	8.281	127	421648	48.617	ng		99
34) Hexachlorobutadiene	8.351	225	236186	48.095	ng		100
35) Caprolactam	8.657	113	90192	51.340	ng		98
36) 4-Chloro-3-methylphenol	8.763	107	355809	48.497	ng		99
37) 2-Methylnaphthalene	8.922	142	763368	46.774	ng		100
38) 1-Methylnaphthalene	9.022	142	734490	47.049	ng		100
40) 1,2,4,5-Tetrachloroben...	9.092	216	373639	47.541	ng		100
41) Hexachlorocyclopentadiene	9.081	237	141023	48.905	ng		99
43) 2,4,6-Trichlorophenol	9.204	196	241322	49.900	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143482.D
Acq On : 20 Aug 2025 13:22
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Aug 20 16:23:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	259061	49.041	ng	98
46) 1,1'-Biphenyl	9.386	154	917350	47.038	ng	100
47) 2-Chloronaphthalene	9.416	162	725620	47.420	ng	99
48) 2-Nitroaniline	9.510	65	226106	50.489	ng	94
49) Acenaphthylene	9.828	152	1041531	47.536	ng	100
50) Dimethylphthalate	9.681	163	795814	48.090	ng	100
51) 2,6-Dinitrotoluene	9.745	165	178703	52.104	ng	100
52) Acenaphthene	10.004	154	712642	47.905	ng	100
53) 3-Nitroaniline	9.916	138	187598	50.620	ng	99
54) 2,4-Dinitrophenol	10.028	184	90529	51.384	ng	100
55) Dibenzofuran	10.175	168	1003468	47.313	ng	100
56) 4-Nitrophenol	10.086	139	121261	54.991	ng	98
57) 2,4-Dinitrotoluene	10.151	165	236039	51.542	ng	99
58) Fluorene	10.516	166	763347	46.763	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	202049	51.483	ng	99
60) Diethylphthalate	10.380	149	723386	48.756	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	383570	46.985	ng	100
62) 4-Nitroaniline	10.533	138	175033	51.418	ng	99
63) Azobenzene	10.669	77	742238	48.247	ng	98
65) 4,6-Dinitro-2-methylph...	10.563	198	126533	53.128	ng	98
66) n-Nitrosodiphenylamine	10.622	169	649619	47.789	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	242477	48.112	ng	99
68) Hexachlorobenzene	11.069	284	261883	48.206	ng	98
69) Atrazine	11.145	200	180342	51.394	ng	99
70) Pentachlorophenol	11.263	266	133776	53.767	ng	100
71) Phenanthrene	11.480	178	1071808	47.383	ng	100
72) Anthracene	11.533	178	1079686	47.117	ng	100
73) Carbazole	11.686	167	896352	47.738	ng	99
74) Di-n-butylphthalate	12.010	149	879812	50.228	ng	99
75) Fluoranthene	12.669	202	964831	47.536	ng	99
77) Benzidine	12.786	184	238772	40.122	ng	100
78) Pyrene	12.898	202	970991	48.316	ng	100
80) Butylbenzylphthalate	13.510	149	281664	51.304	ng	99
81) Benzo(a)anthracene	14.086	228	773434	49.172	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	216024	47.957	ng	98
83) Chrysene	14.127	228	665070	47.050	ng	99
84) Bis(2-ethylhexyl)phtha...	14.068	149	421199	50.372	ng	100
85) Di-n-octyl phthalate	14.680	149	764123	49.329	ng	100
87) Indeno(1,2,3-cd)pyrene	17.133	276	1030025	49.646	ng	100
88) Benzo(b)fluoranthene	15.157	252	763584	47.579	ng	100
89) Benzo(k)fluoranthene	15.186	252	746332	48.570	ng	100
90) Benzo(a)pyrene	15.533	252	728853	48.927	ng	100
91) Dibenzo(a,h)anthracene	17.145	278	824368	49.612	ng	100
92) Benzo(g,h,i)perylene	17.592	276	826803	50.042	ng	99

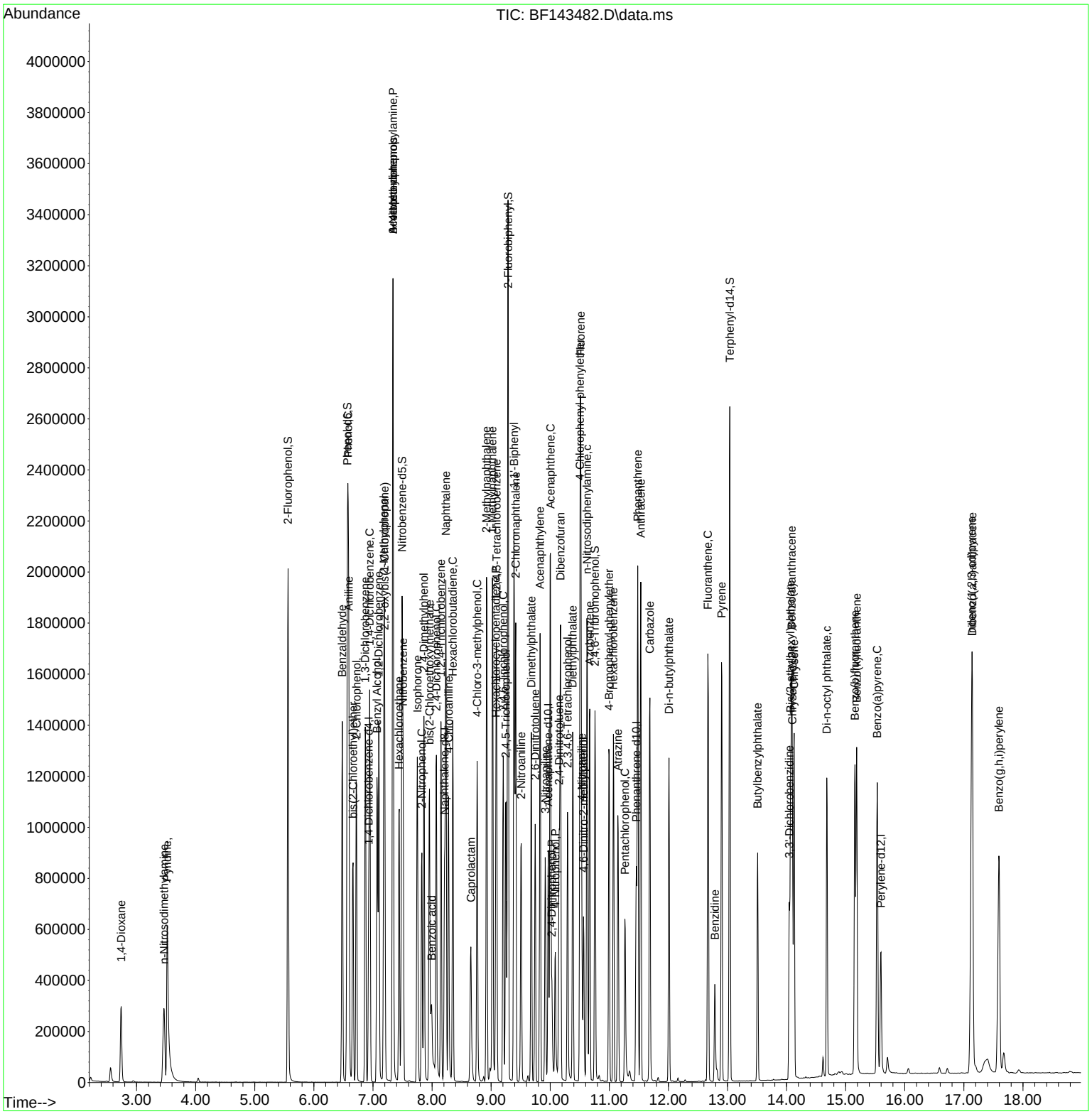
(#) = qualifier out of range (m) = manual integration (+) = signals summed

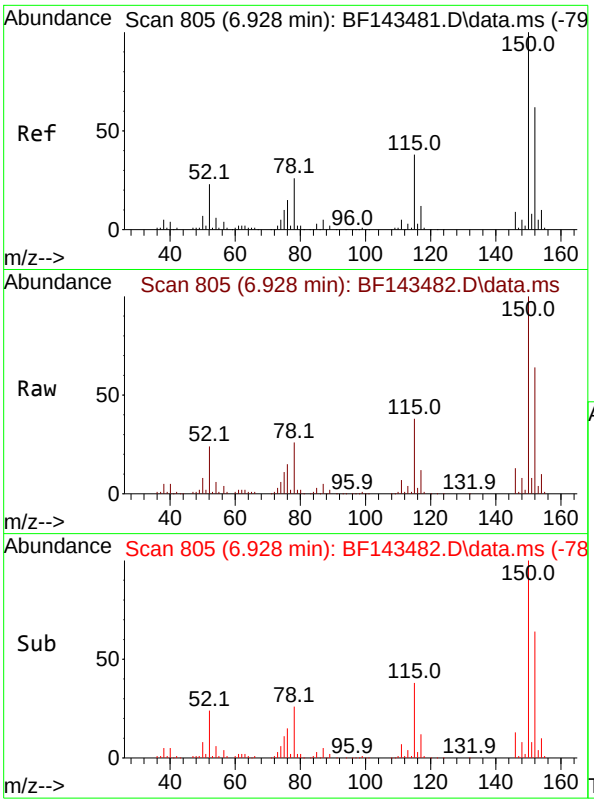
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143482.D
Acq On : 20 Aug 2025 13:22
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Aug 20 16:23:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration



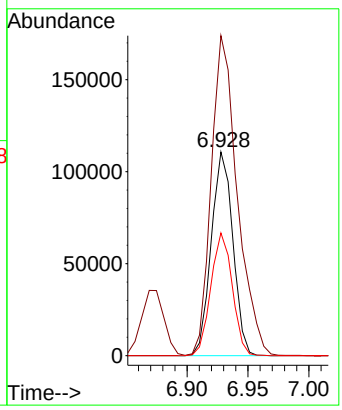


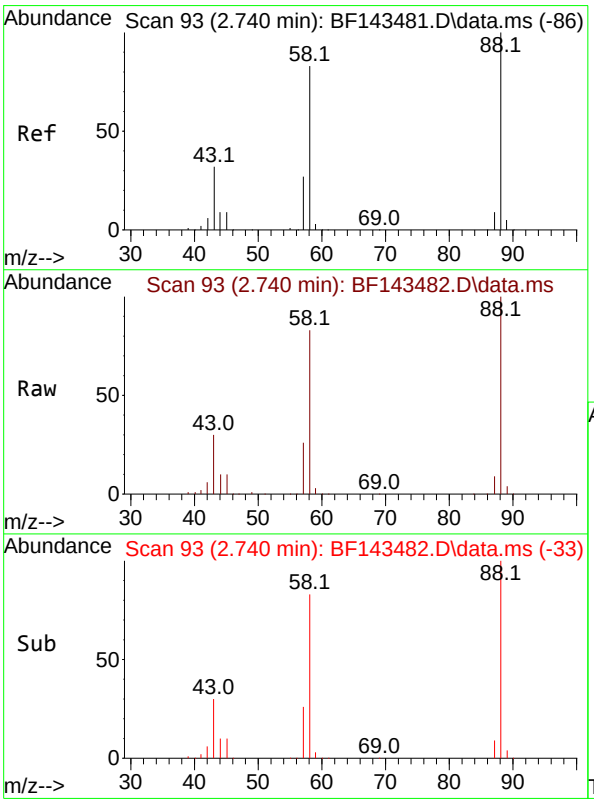
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 136821

Ion	Ratio	Lower	Upper
152	100		
150	157.1	128.9	193.3
115	60.2	49.2	73.8

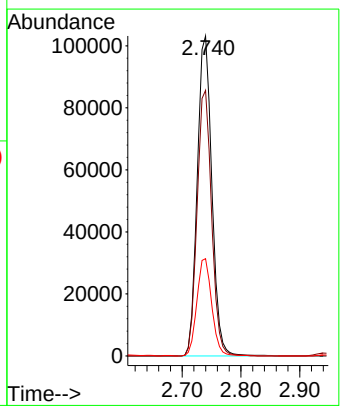


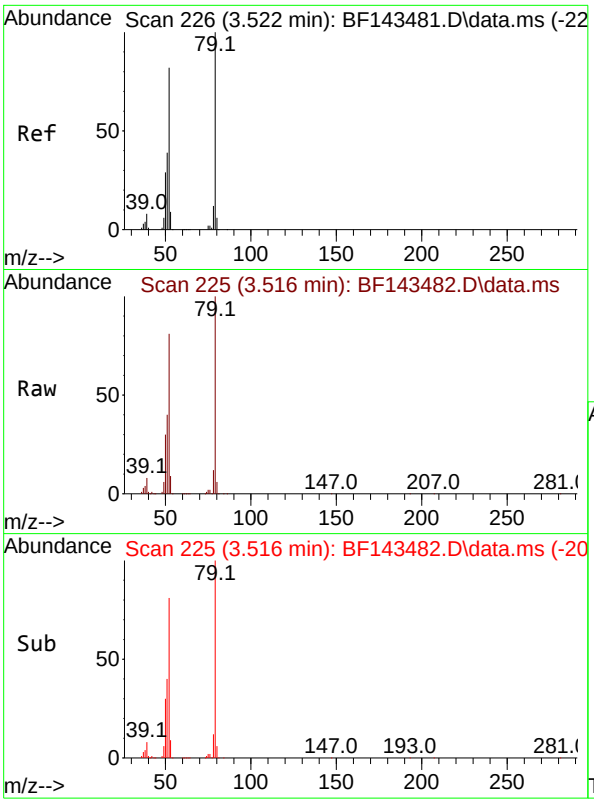


#2
1,4-Dioxane
Concen: 48.893 ng
RT: 2.740 min Scan# 93
Delta R.T. 0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion: 88 Resp: 177472

Ion	Ratio	Lower	Upper
88	100		
58	82.6	66.7	100.1
43	31.1	25.8	38.8



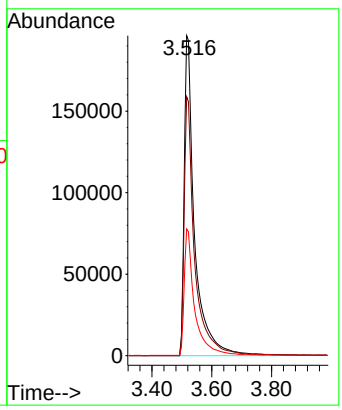


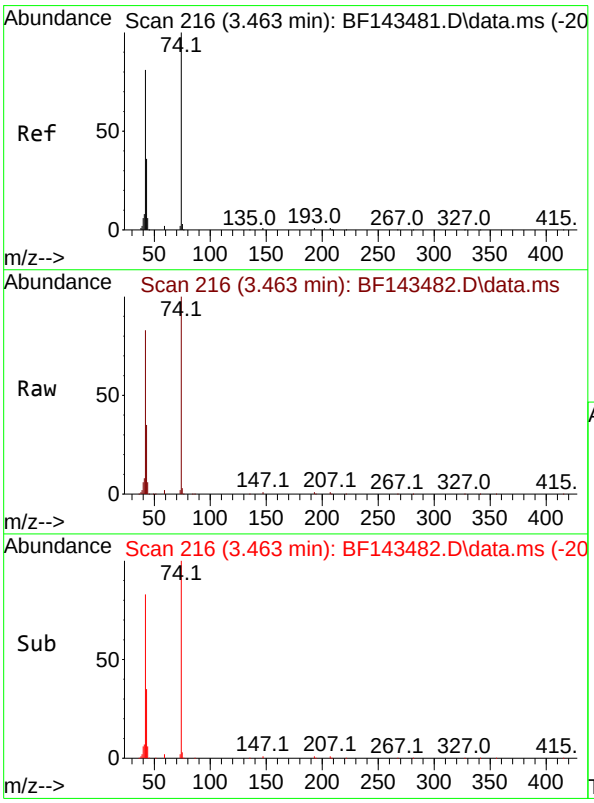
#3
Pyridine
Concen: 49.153 ng
RT: 3.516 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 475201

Ion	Ratio	Lower	Upper
79	100		
52	80.9	65.6	98.4
51	39.6	31.2	46.8

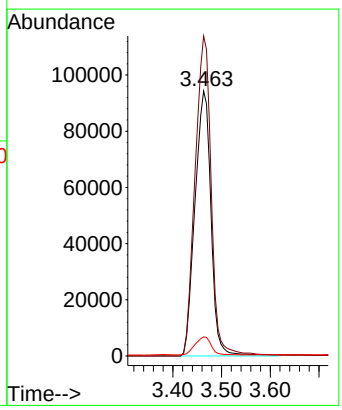


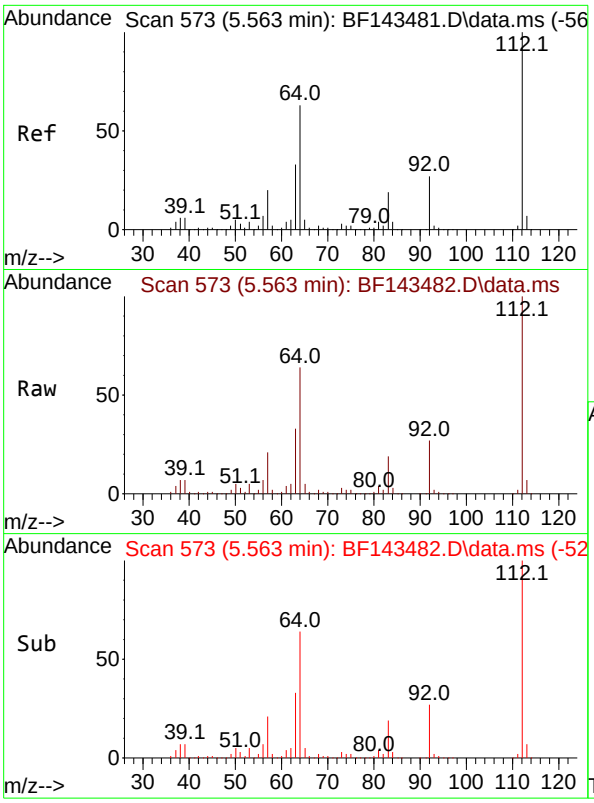


#4
n-Nitrosodimethylamine
Concen: 49.825 ng
RT: 3.463 min Scan# 216
Delta R.T. -0.012 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion: 42 Resp: 216544

Ion	Ratio	Lower	Upper
42	100		
74	120.7	98.6	148.0
44	7.2	5.8	8.8



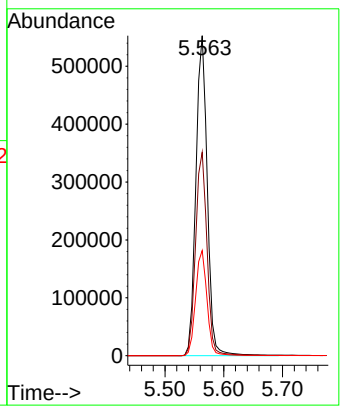


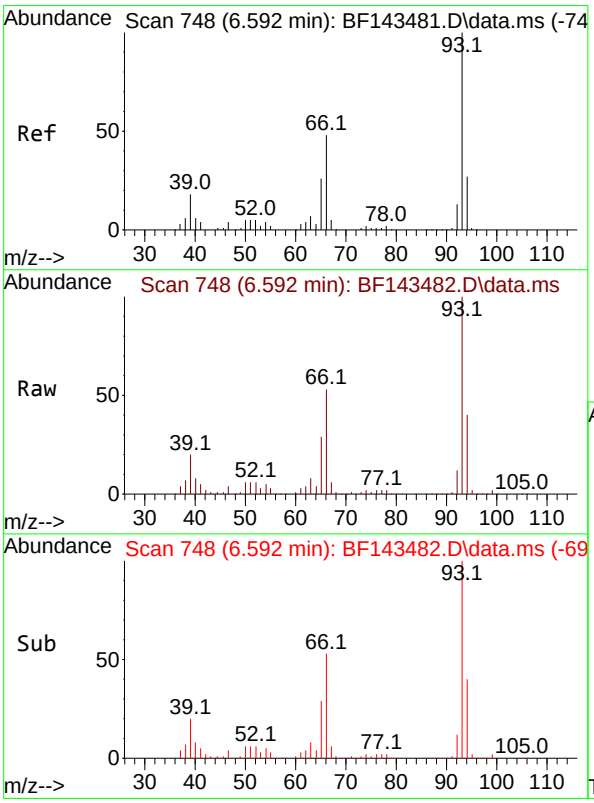
#5
2-Fluorophenol
Concen: 94.894 ng
RT: 5.563 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:112 Resp: 743545

Ion	Ratio	Lower	Upper
112	100		
64	63.5	50.4	75.6
63	32.9	26.4	39.6

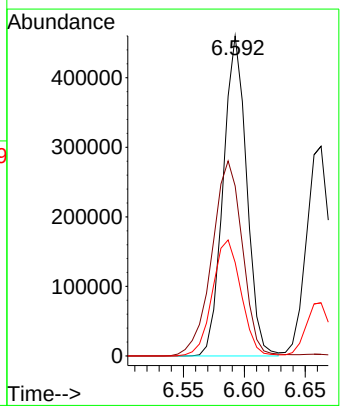


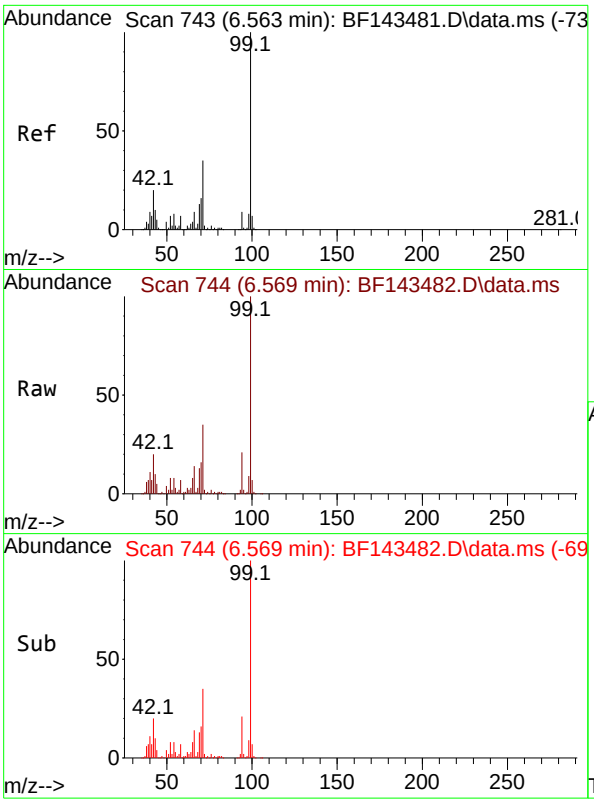


#6
Aniline
Concen: 47.614 ng
RT: 6.592 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion: 93 Resp: 615592

Ion	Ratio	Lower	Upper
93	100		
66	53.1	38.9	58.3
65	29.2	20.6	30.8



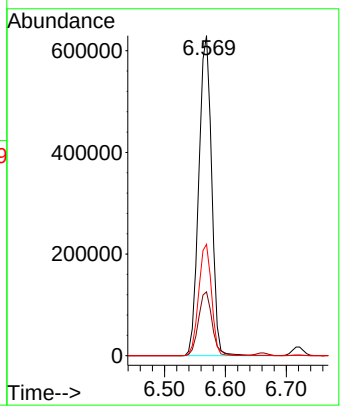


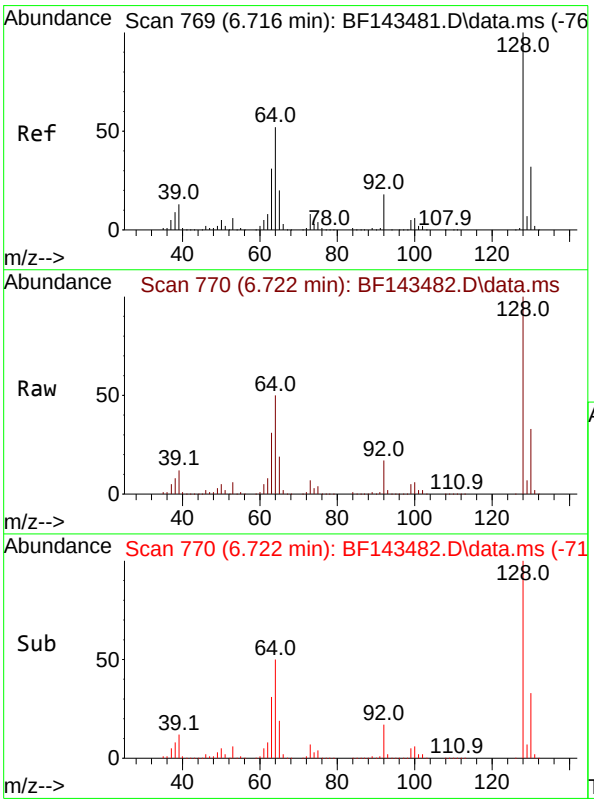
#7
Phenol-d6
Concen: 94.880 ng
RT: 6.569 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 917735

Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.3	24.5
71	34.8	28.2	42.2

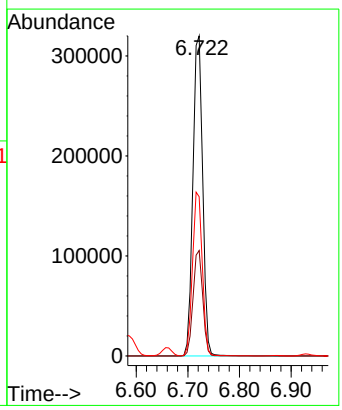


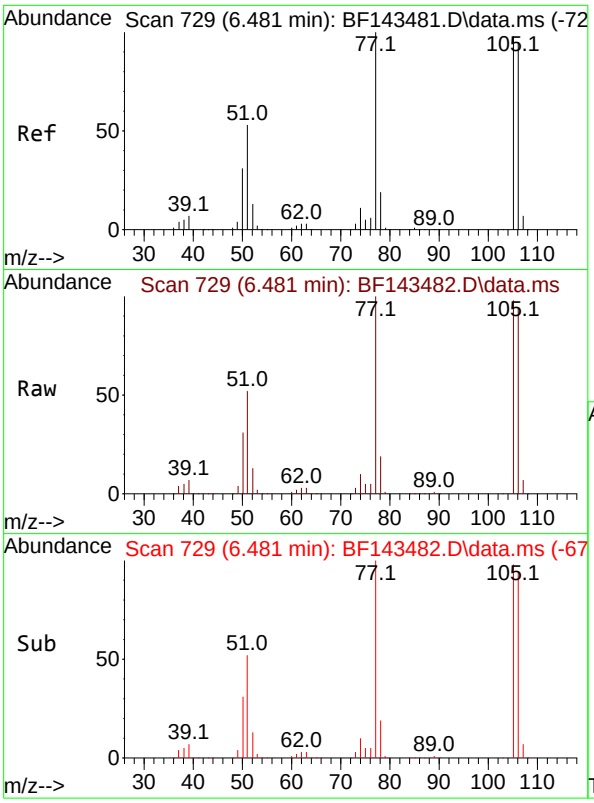


#8
2-Chlorophenol
Concen: 48.589 ng
RT: 6.722 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:128 Resp: 420515

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.4	52.4
64	49.8	31.6	71.6



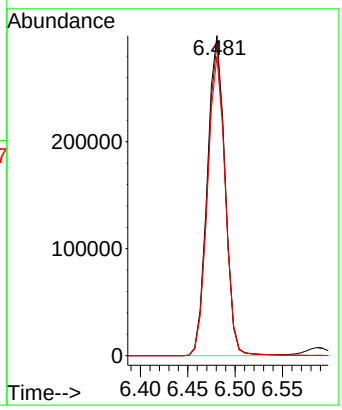


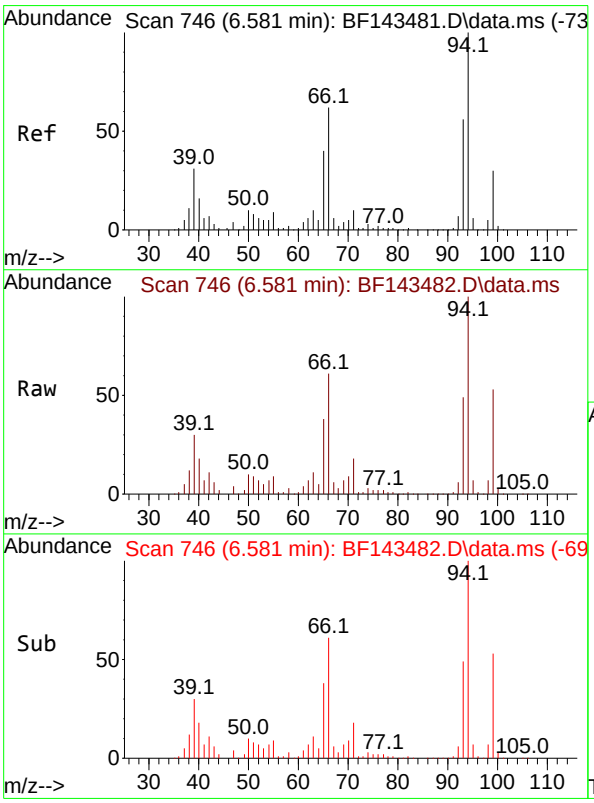
#9
Benzaldehyde
Concen: 49.497 ng
RT: 6.481 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 387617

Ion	Ratio	Lower	Upper
77	100		
105	97.5	78.1	118.1
106	93.5	74.9	114.9

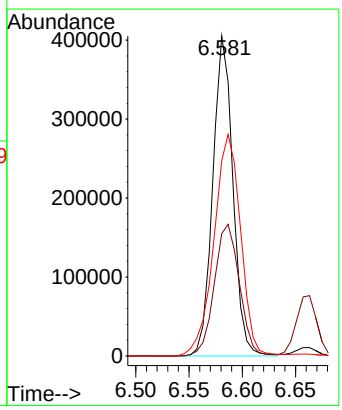


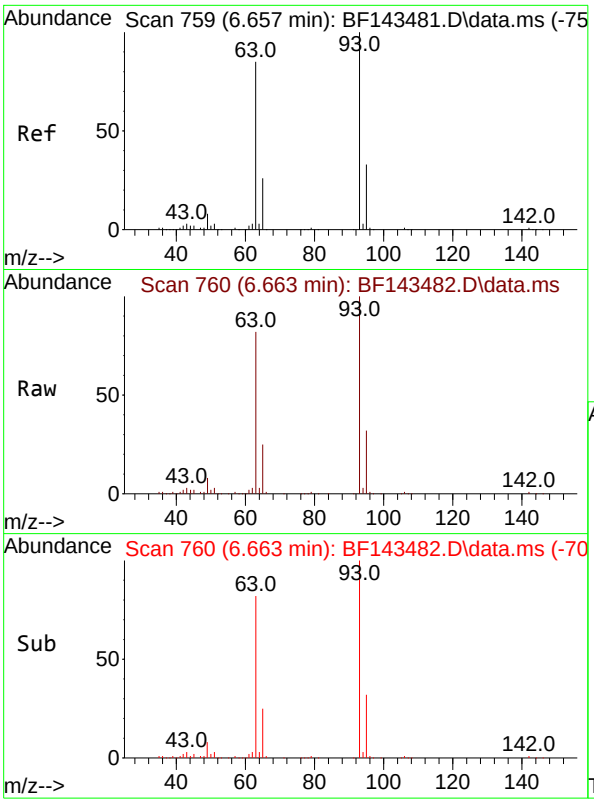


#10
Phenol
Concen: 47.696 ng
RT: 6.581 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion: 94 Resp: 531465

Ion	Ratio	Lower	Upper
94	100		
65	38.2	19.5	59.5
66	61.0	42.5	82.5



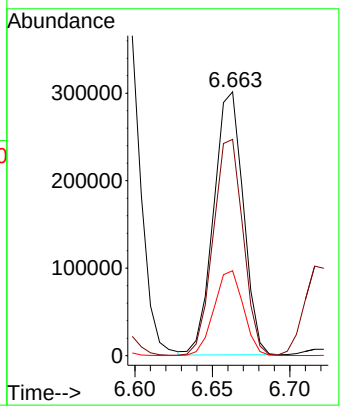


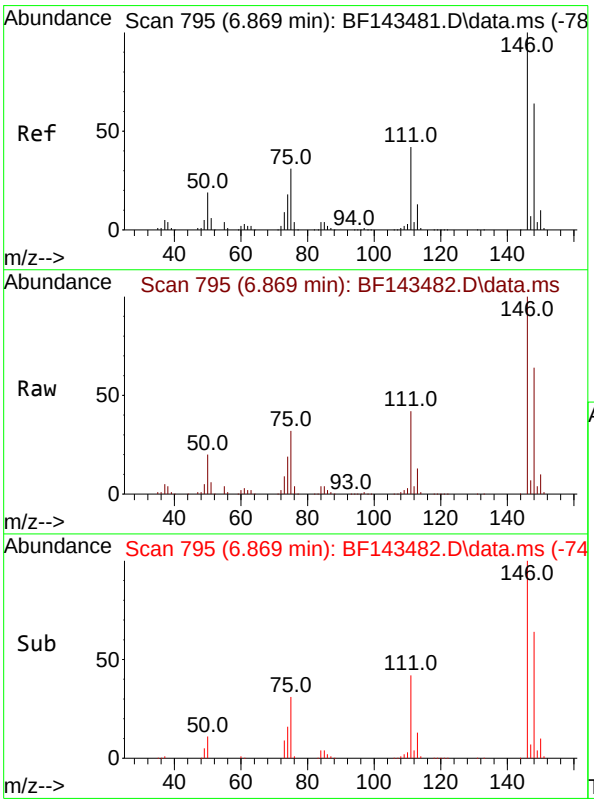
#11
bis(2-Chloroethyl)ether
Concen: 48.077 ng
RT: 6.663 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 400326

Ion	Ratio	Lower	Upper
93	100		
63	82.0	63.6	103.6
95	32.2	12.8	52.8

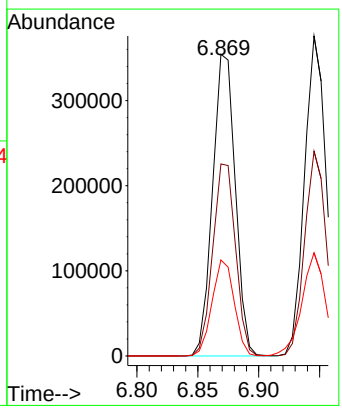


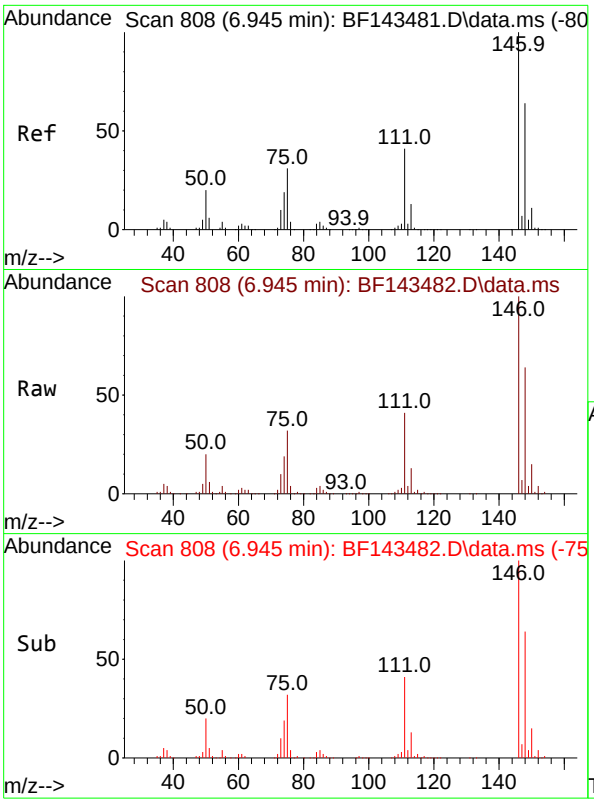


#12
1,3-Dichlorobenzene
Concen: 47.316 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:146 Resp: 460100

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.3	76.9
75	31.8	24.7	37.1



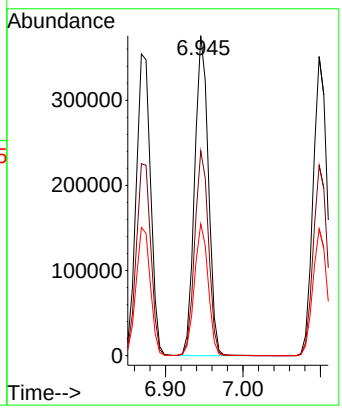


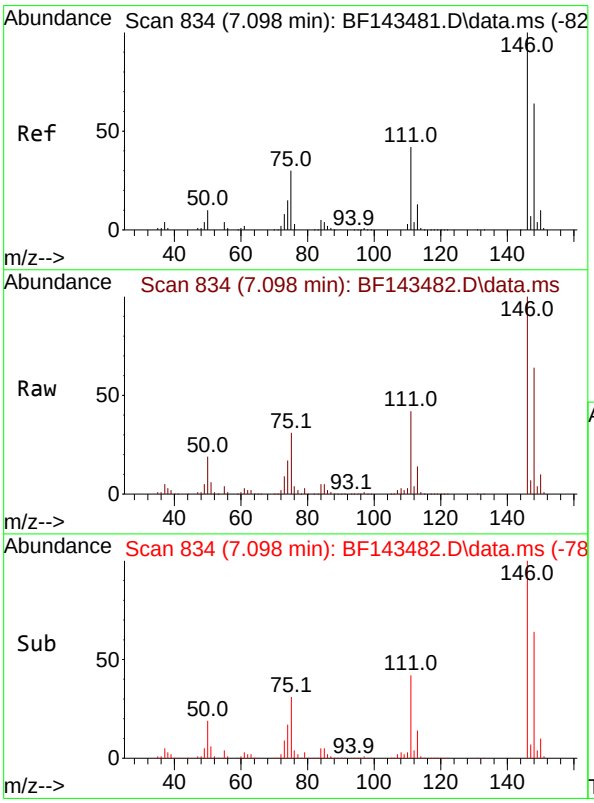
#13
1,4-Dichlorobenzene
Concen: 47.503 ng
RT: 6.945 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:146 Resp: 463354

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.5	77.3
111	41.2	32.6	49.0

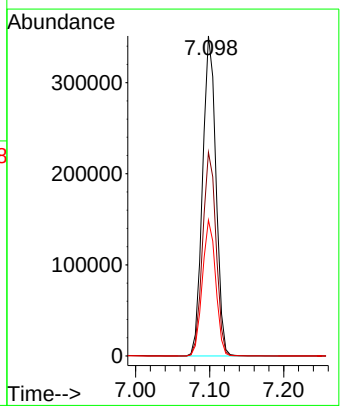


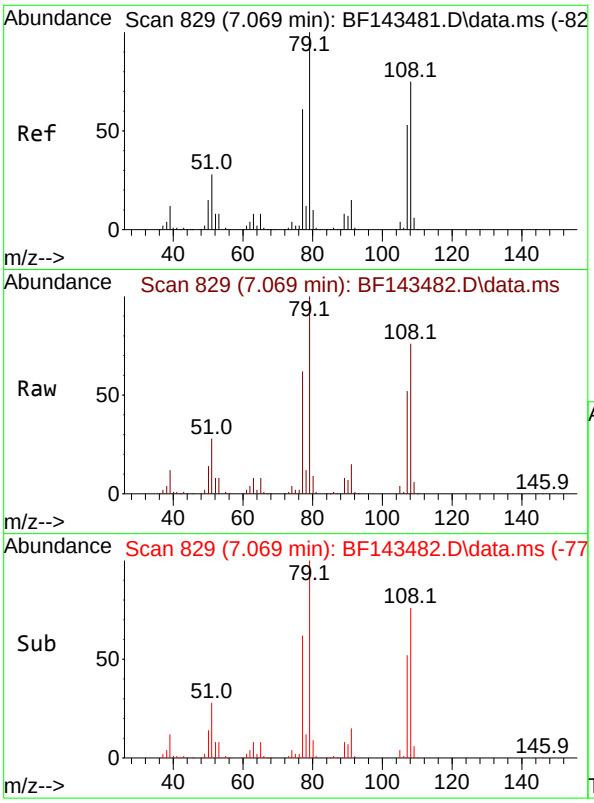


#14
1,2-Dichlorobenzene
Concen: 47.724 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:146 Resp: 440736

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.6
111	42.4	34.0	51.0



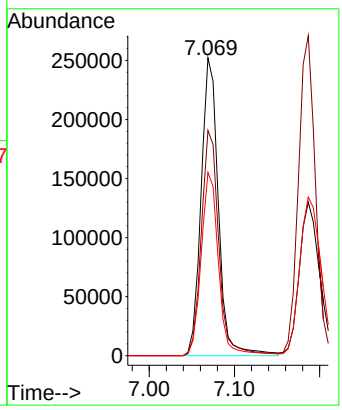


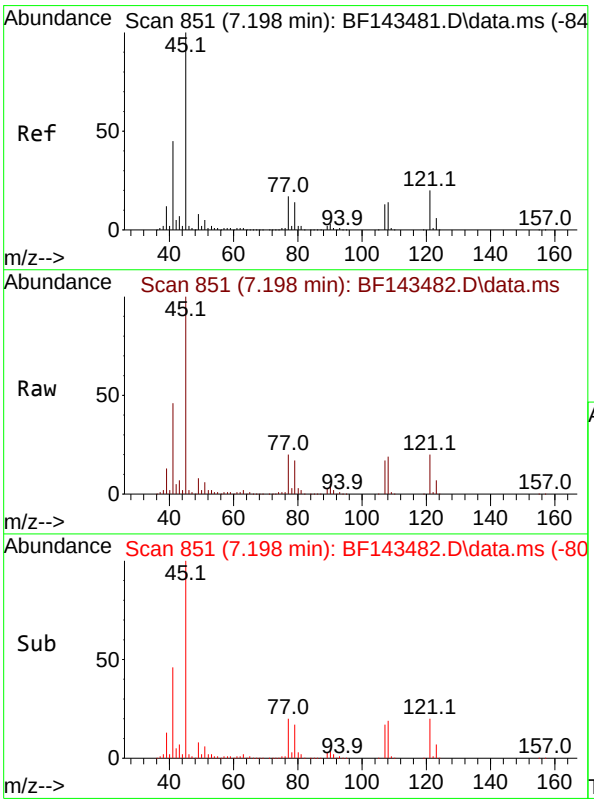
#15
Benzyl Alcohol
Concen: 49.130 ng
RT: 7.069 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 355789

Ion	Ratio	Lower	Upper
79	100		
108	75.6	59.8	89.6
77	61.5	49.0	73.4

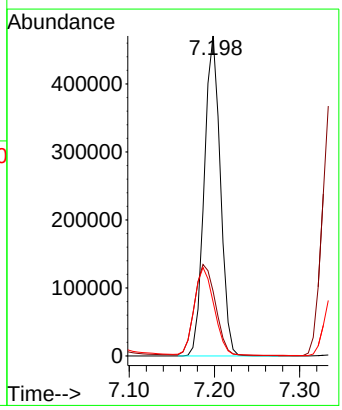


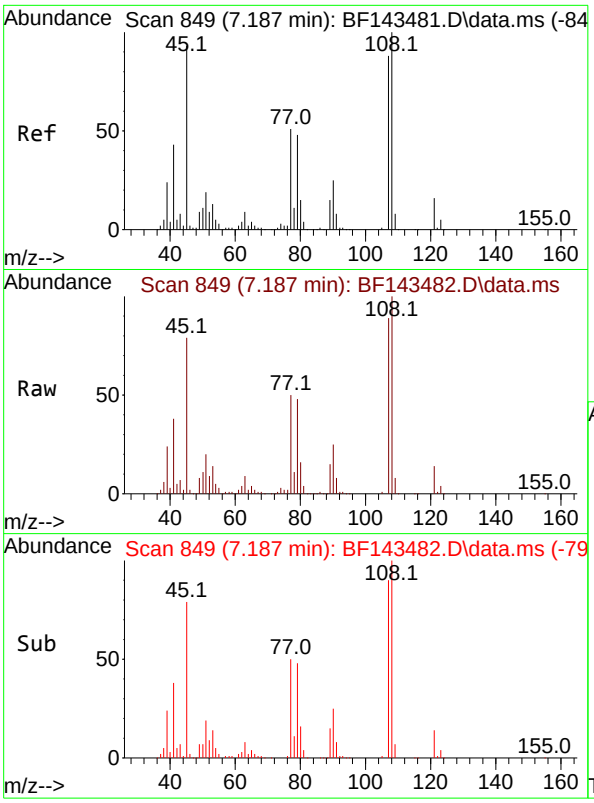


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.354 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion: 45 Resp: 617519

Ion	Ratio	Lower	Upper
45	100		
77	20.2	0.0	37.9
79	16.9	0.0	34.7



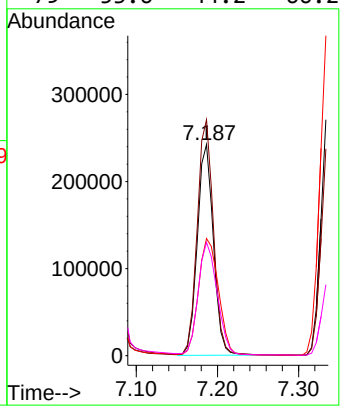


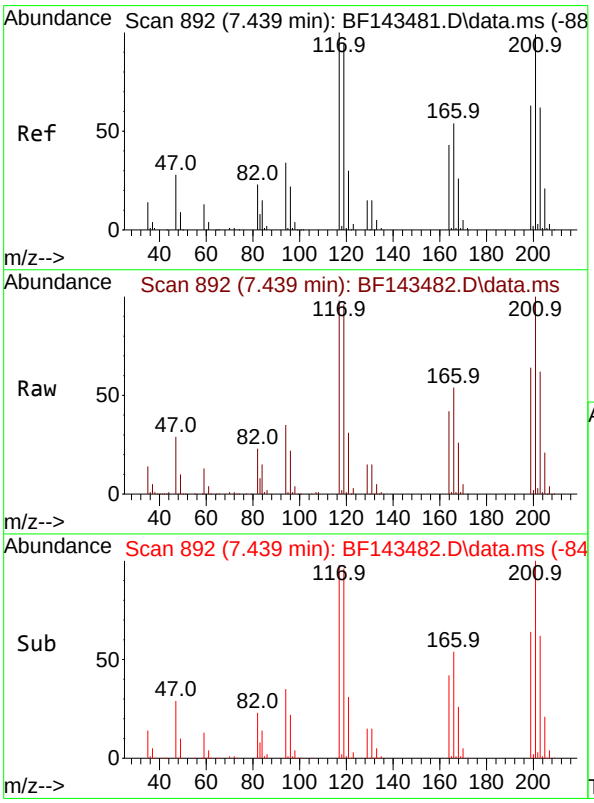
#17
2-Methylphenol
Concen: 48.029 ng
RT: 7.187 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 333608

Ion	Ratio	Lower	Upper
107	100		
108	111.7	91.1	136.7
77	55.4	46.2	69.4
79	53.6	44.2	66.2

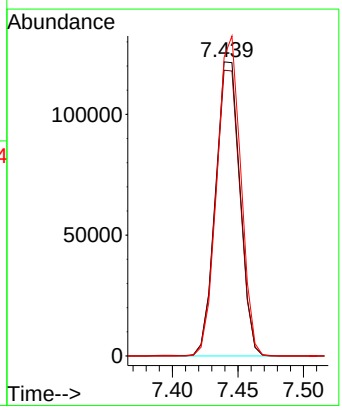


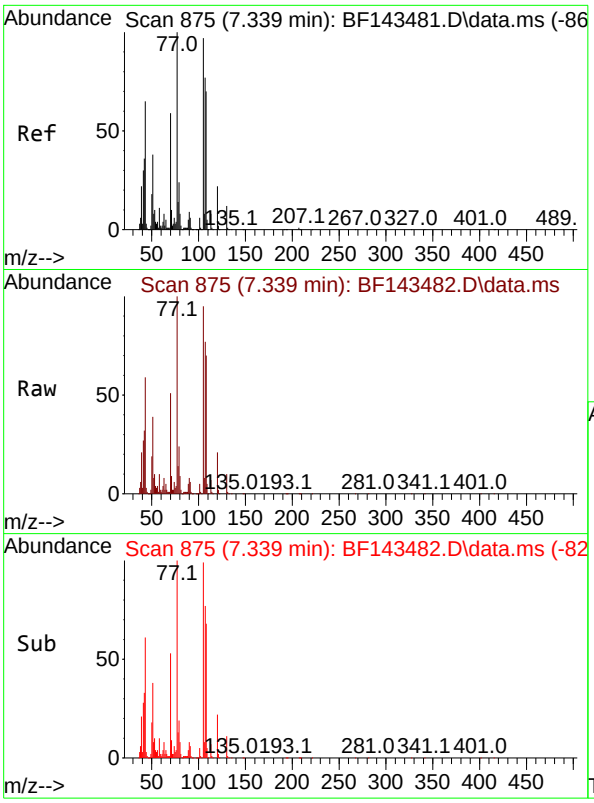


#18
Hexachloroethane
Concen: 47.633 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:117 Resp: 157972

Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.4	113.0
201	101.6	79.0	118.4



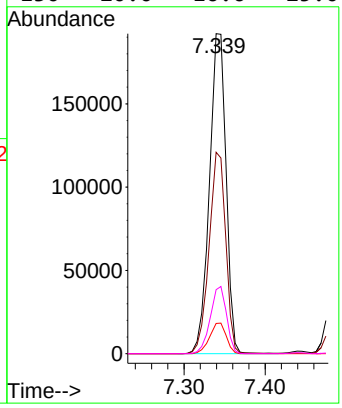


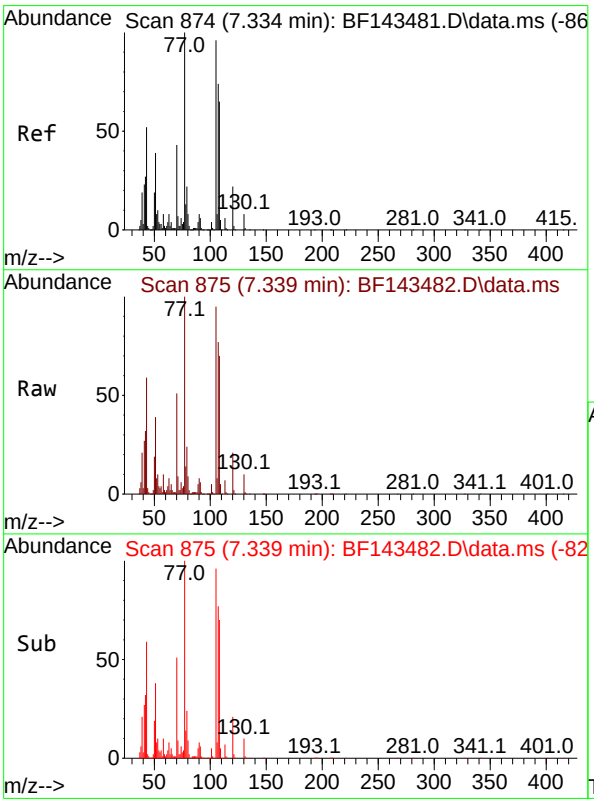
#19
n-Nitroso-di-n-propylamine
Concen: 46.266 ng
RT: 7.339 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 273528

Ion	Ratio	Lower	Upper
70	100		
42	62.9	49.3	73.9
101	9.5	7.8	11.8
130	20.0	16.6	25.0

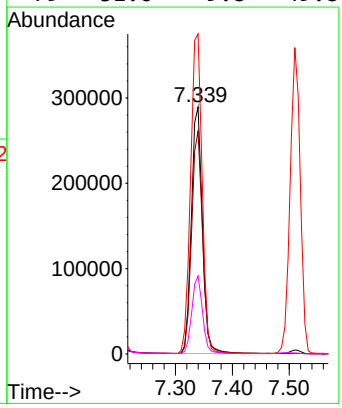


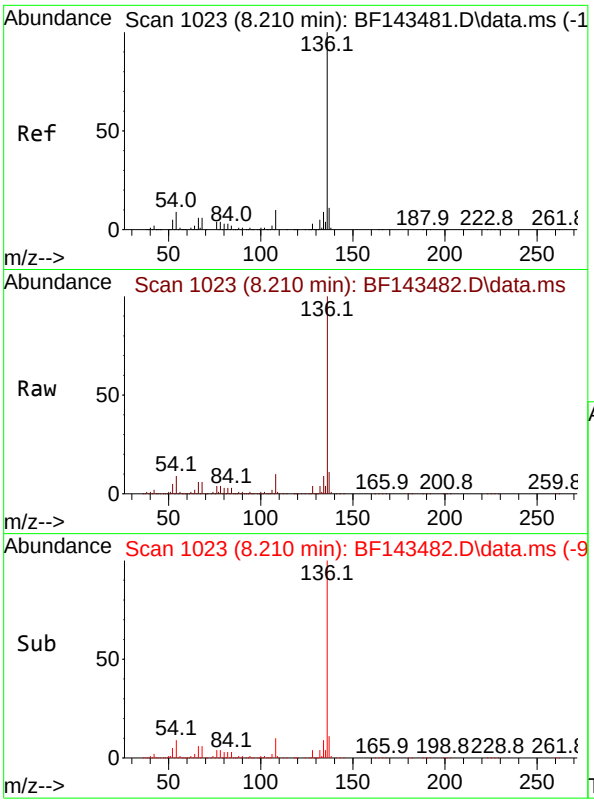


#20
3+4-Methylphenols
Concen: 47.167 ng
RT: 7.339 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:107 Resp: 391106

Ion	Ratio	Lower	Upper
107	100		
108	90.2	68.4	108.4
77	129.6	116.1	156.1
79	31.6	9.8	49.8



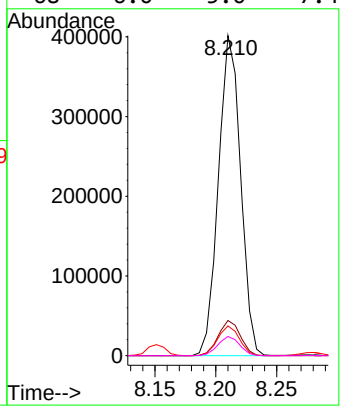


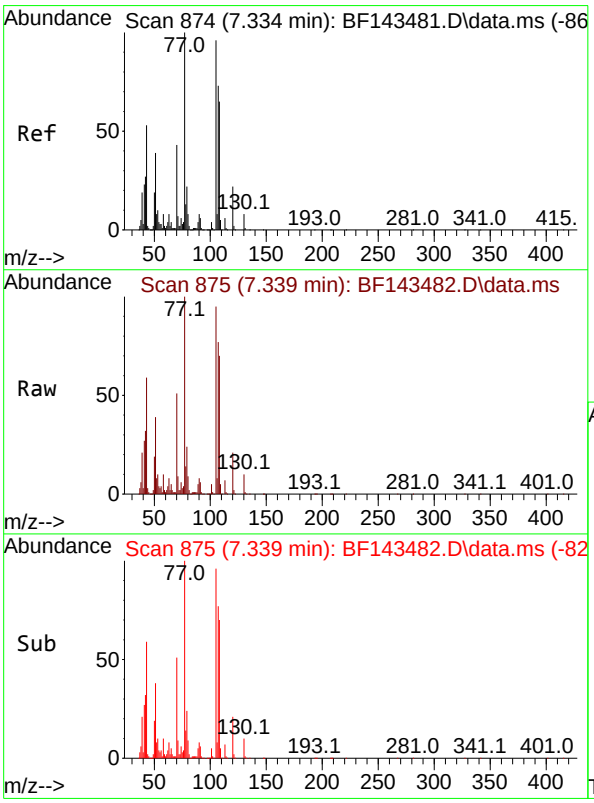
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 508977

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	9.3	7.4	11.2
68	6.0	5.0	7.4

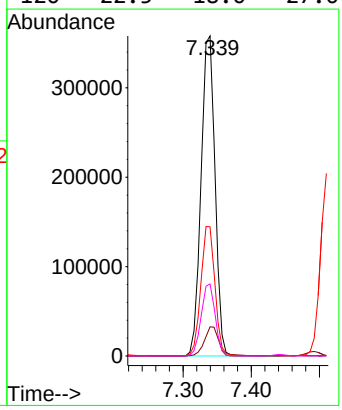


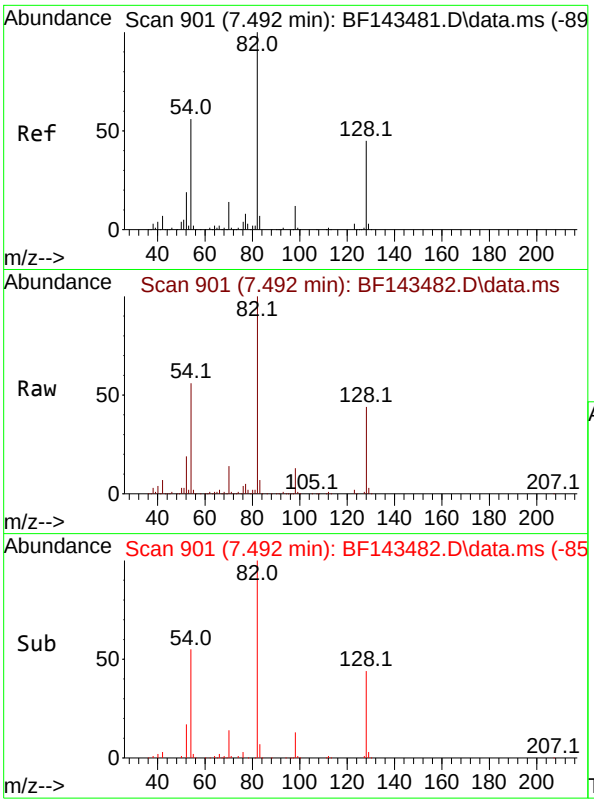


#22
Acetophenone
Concen: 46.526 ng
RT: 7.339 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:105 Resp: 511600

Ion	Ratio	Lower	Upper
105	100		
71	9.1	5.9	8.9#
51	40.3	32.5	48.7
120	22.5	18.0	27.0



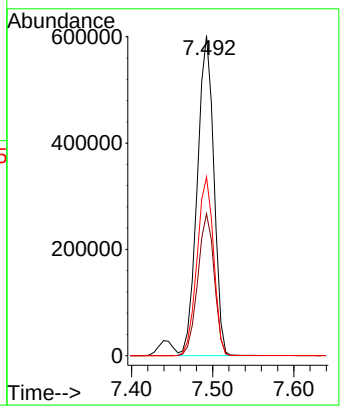


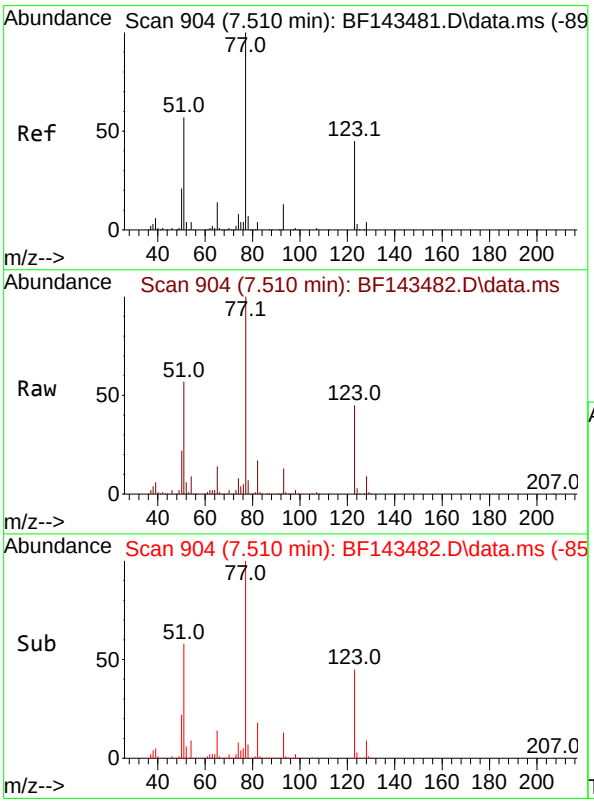
#23
Nitrobenzene-d5
Concen: 97.674 ng
RT: 7.492 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 851921

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.5	53.3
54	55.8	44.3	66.5

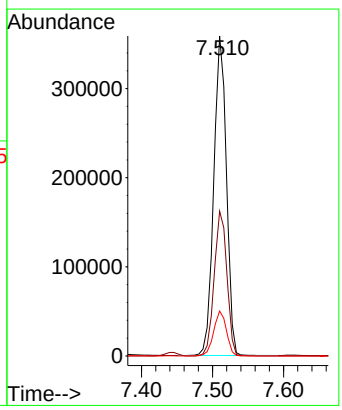


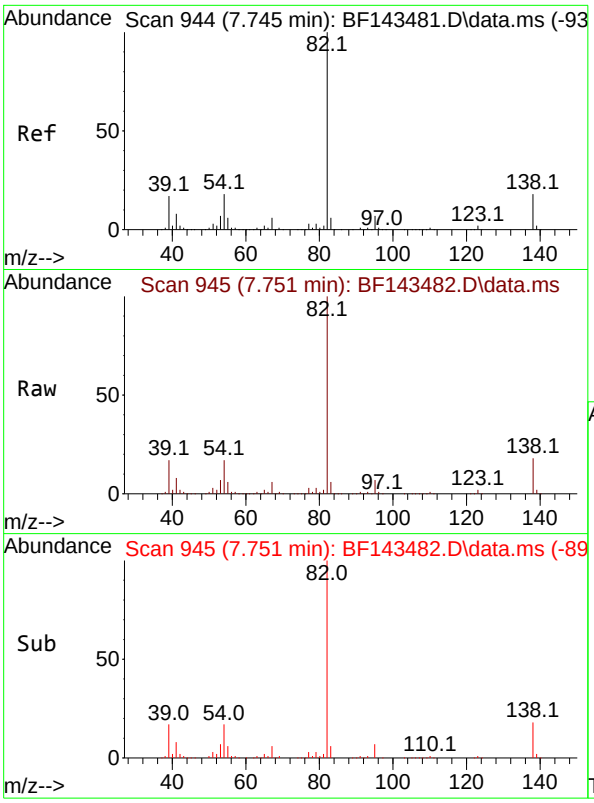


#24
Nitrobenzene
Concen: 49.387 ng
RT: 7.510 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion: 77 Resp: 443345

Ion	Ratio	Lower	Upper
77	100		
123	45.2	36.1	54.1
65	14.1	11.0	16.6



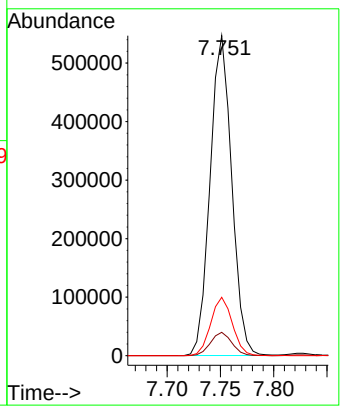


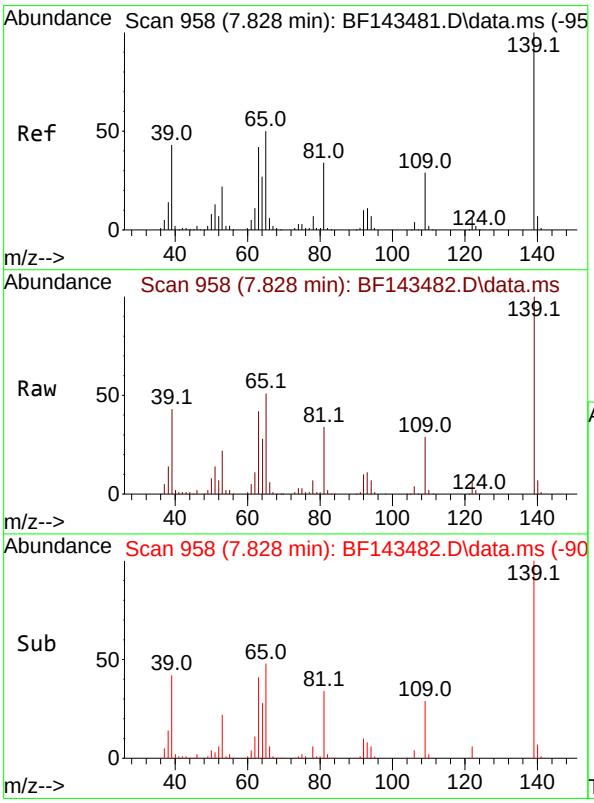
#25
Isophorone
Concen: 48.401 ng
RT: 7.751 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 773853

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.8
138	18.3	14.2	21.4

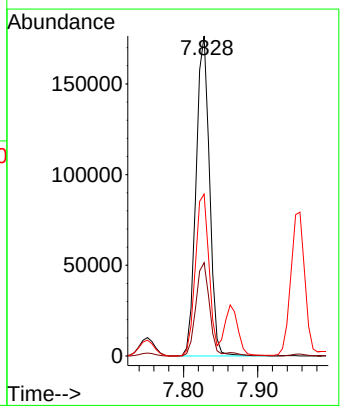


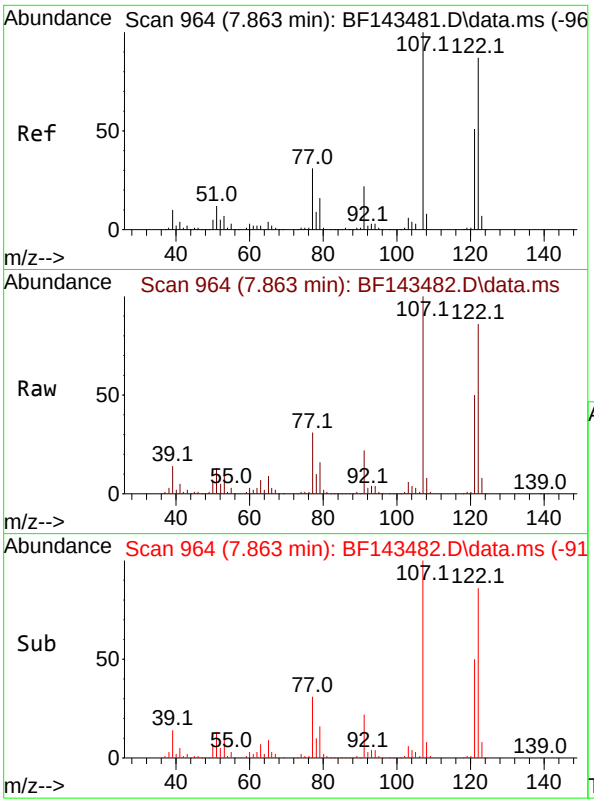


#26
2-Nitrophenol
Concen: 50.572 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:139 Resp: 222383

Ion	Ratio	Lower	Upper
139	100		
109	29.1	23.0	34.6
65	50.5	40.3	60.5



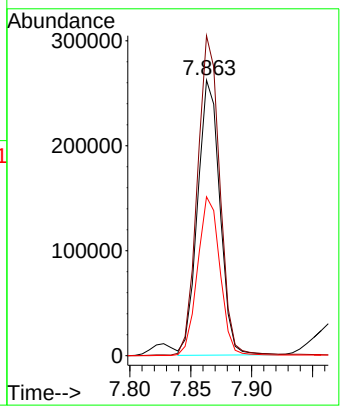


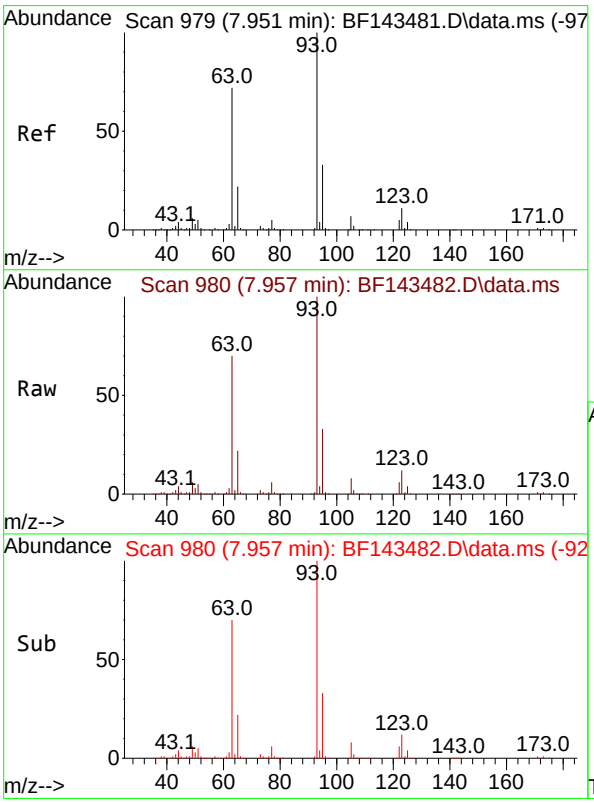
#27
2,4-Dimethylphenol
Concen: 48.606 ng
RT: 7.863 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:122 Resp: 333188

Ion	Ratio	Lower	Upper
122	100		
107	116.2	91.5	137.3
121	57.7	47.0	70.4

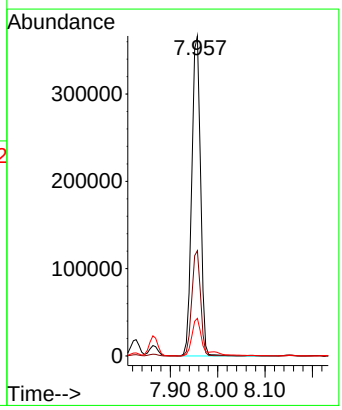


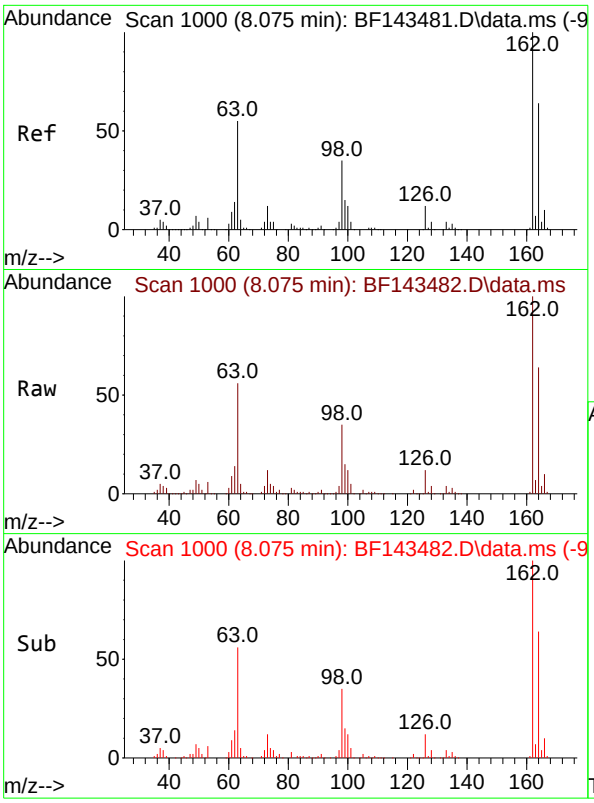


#28
bis(2-Chloroethoxy)methane
Concen: 48.070 ng
RT: 7.957 min Scan# 980
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion: 93 Resp: 472331

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.0	39.0
123	11.7	9.1	13.7



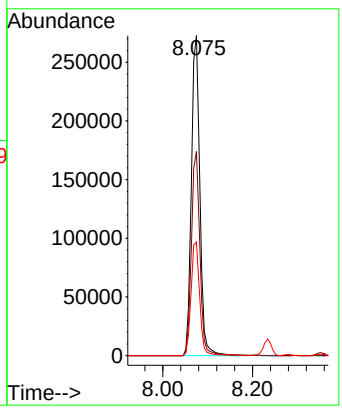


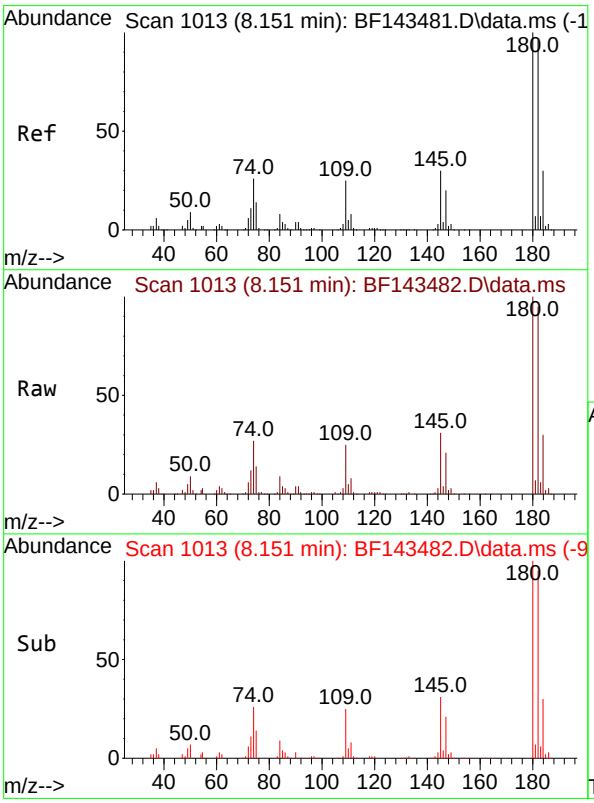
#29
2,4-Dichlorophenol
Concen: 48.908 ng
RT: 8.075 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 358054

Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.5	83.5
98	35.5	15.1	55.1

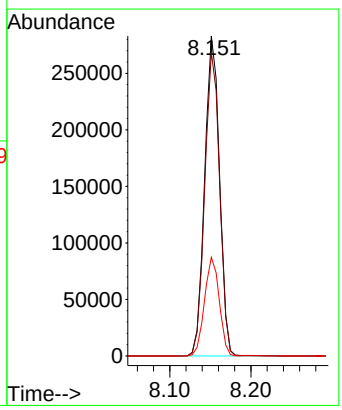


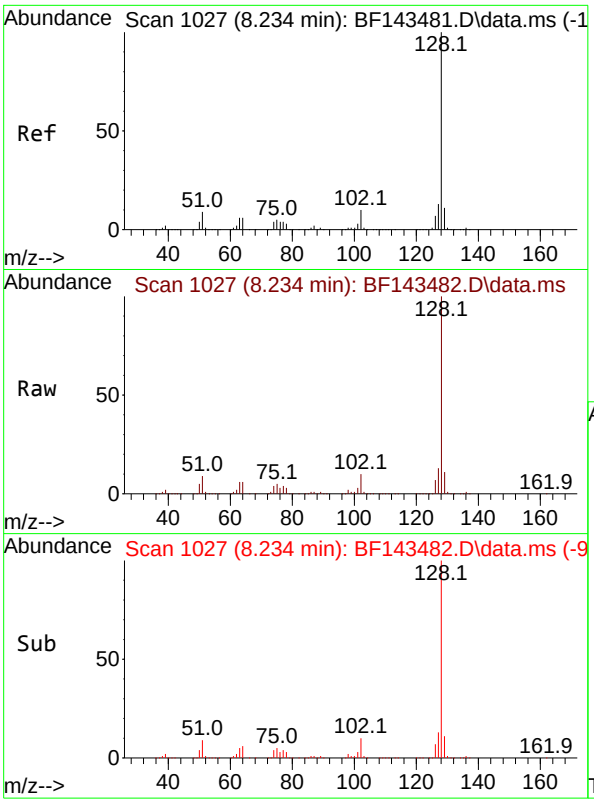


#30
1,2,4-Trichlorobenzene
Concen: 47.673 ng
RT: 8.151 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:180 Resp: 358839

Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.6	114.8
145	30.8	24.3	36.5



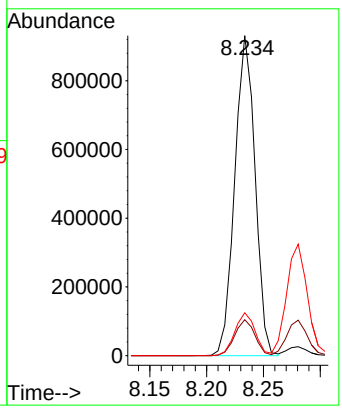


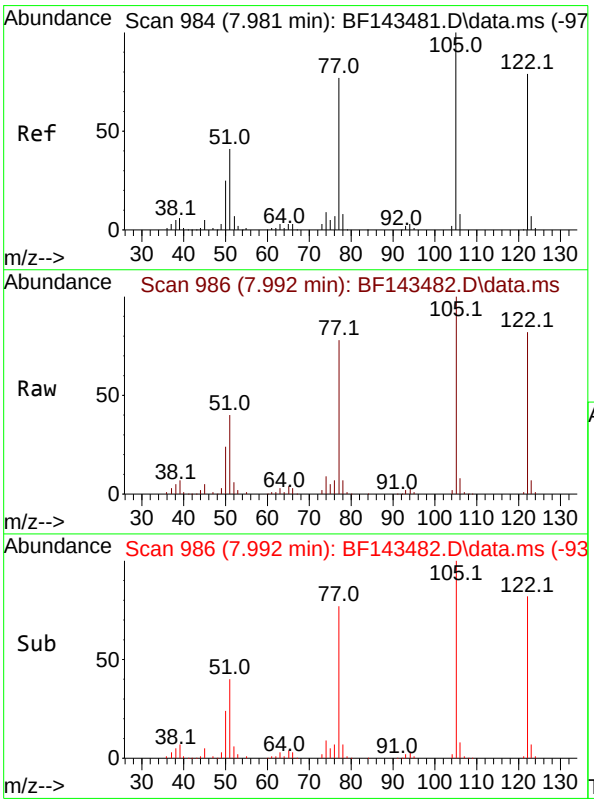
#31
Naphthalene
Concen: 47.228 ng
RT: 8.234 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 1154068

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.4	10.6	16.0

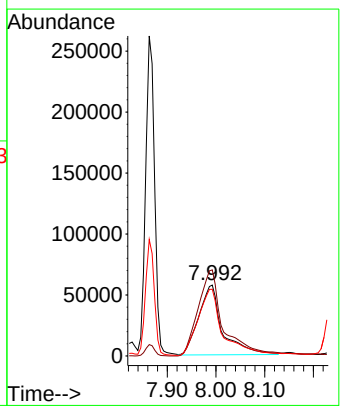


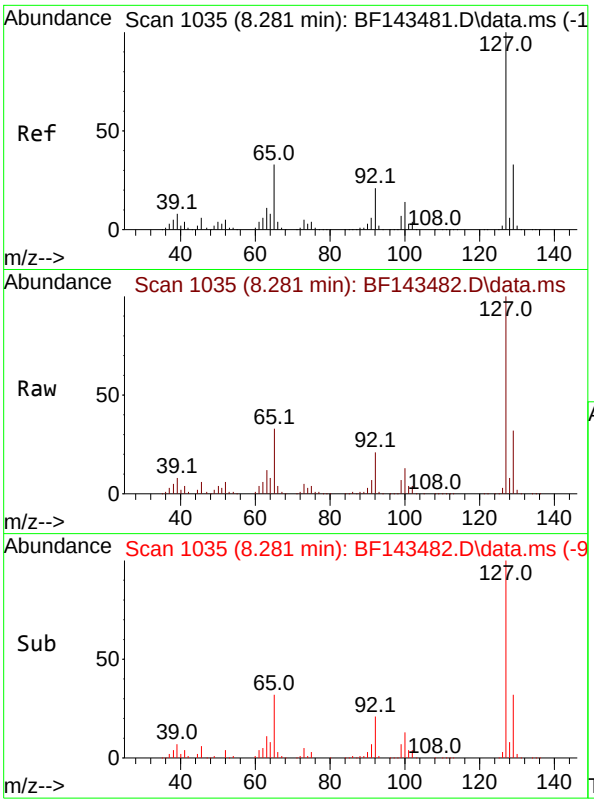


#32
Benzoic acid
Concen: 49.619 ng
RT: 7.992 min Scan# 986
Delta R.T. -0.018 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:122 Resp: 194231

Ion	Ratio	Lower	Upper
122	100		
105	121.3	104.7	144.7
77	94.1	77.3	117.3



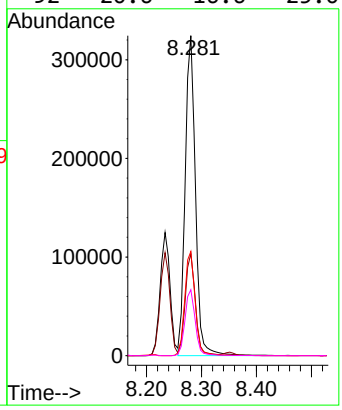


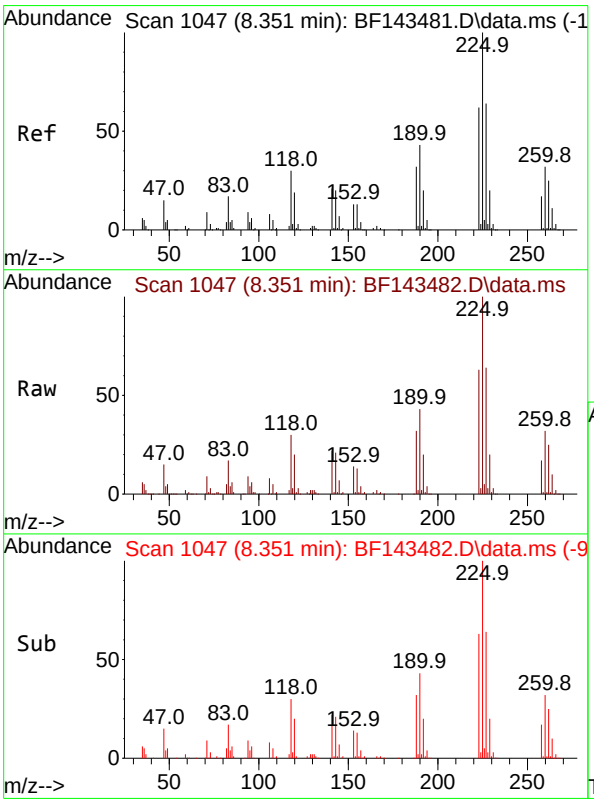
#33
4-Chloroaniline
Concen: 48.617 ng
RT: 8.281 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 421648

Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.1	39.1
65	32.5	26.2	39.2
92	20.6	16.6	25.0

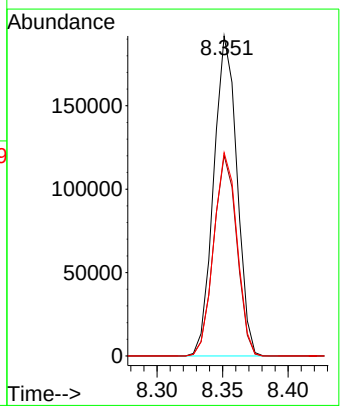


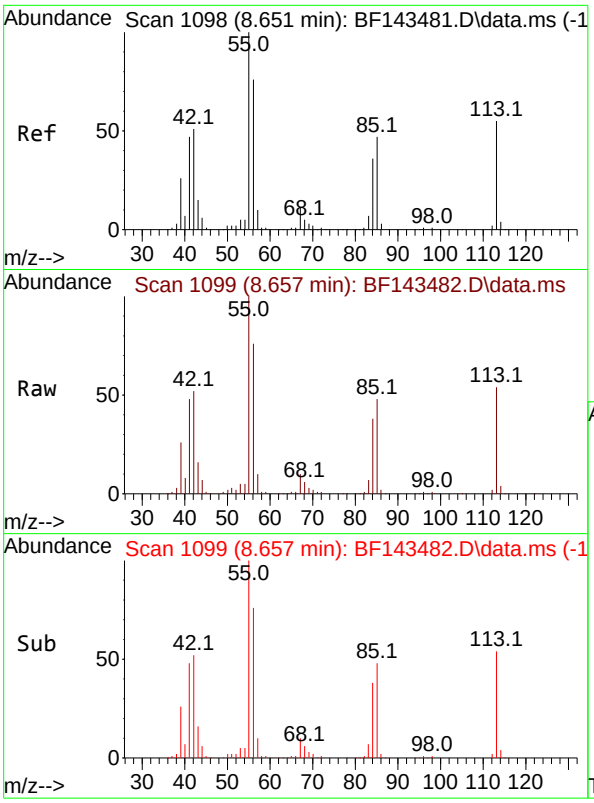


#34
Hexachlorobutadiene
Concen: 48.095 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:225 Resp: 236186

Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.9	74.9
227	63.6	50.9	76.3



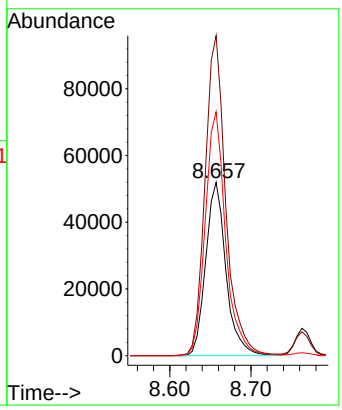


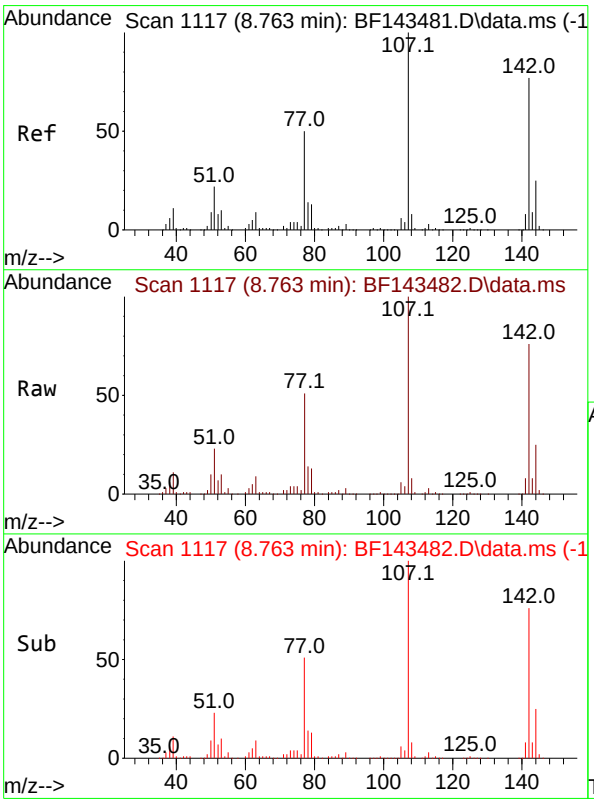
#35
Caprolactam
Concen: 51.340 ng
RT: 8.657 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 90192

Ion	Ratio	Lower	Upper
113	100		
55	184.7	162.8	202.8
56	140.7	118.1	158.1

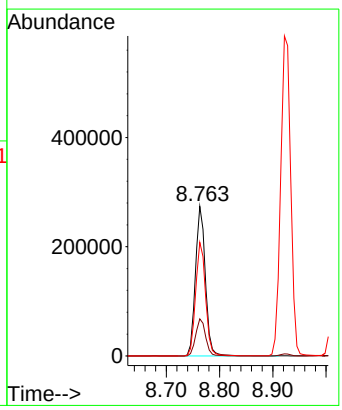


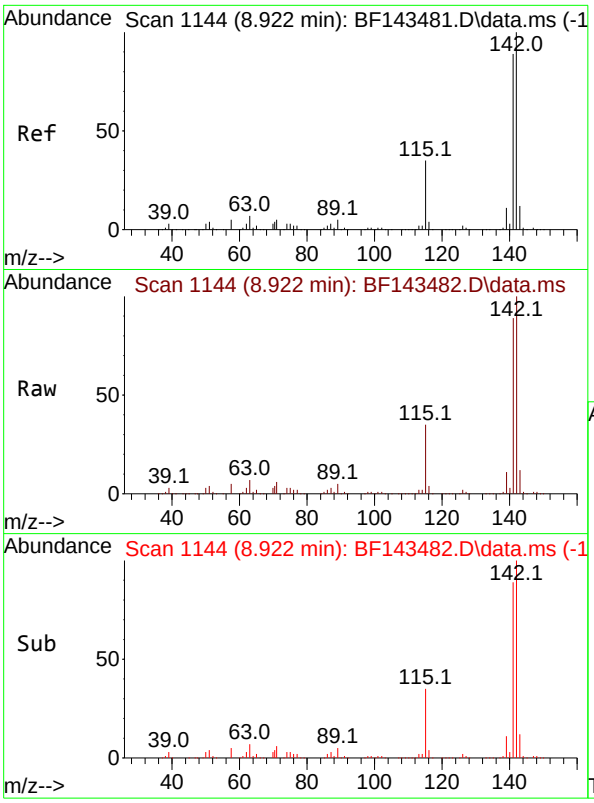


#36
4-Chloro-3-methylphenol
Concen: 48.497 ng
RT: 8.763 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:107 Resp: 355809

Ion	Ratio	Lower	Upper
107	100		
144	24.9	19.9	29.9
142	75.9	61.8	92.8



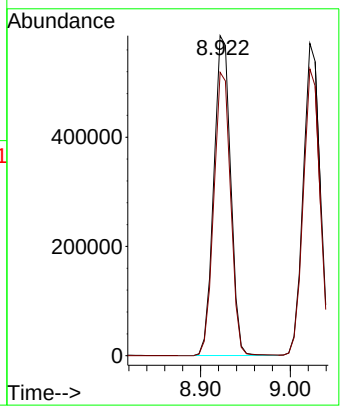


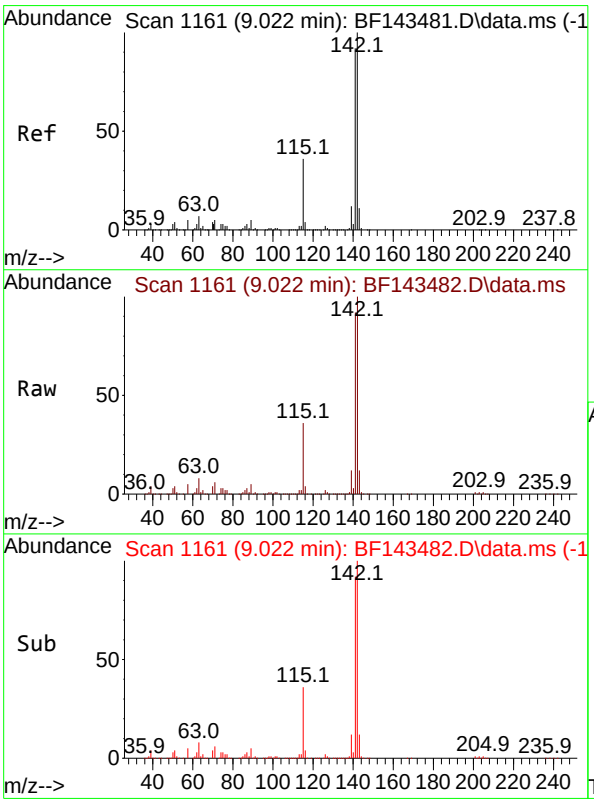
#37
2-Methylnaphthalene
Concen: 46.774 ng
RT: 8.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 763368

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.0	106.4

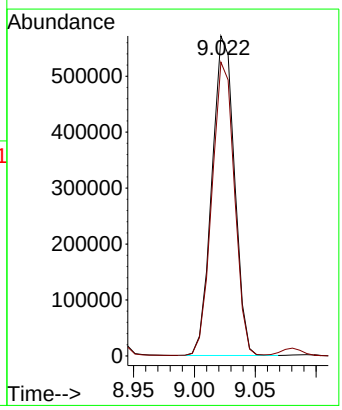


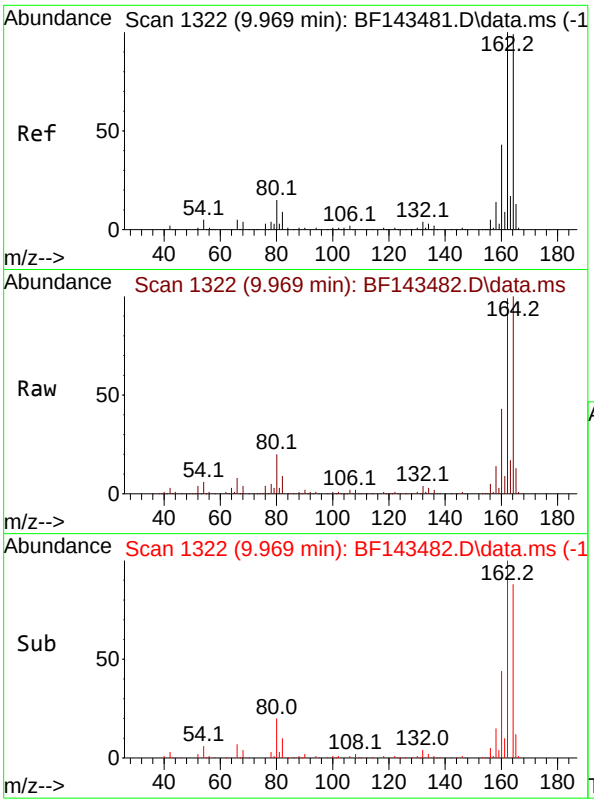


#38
1-Methylnaphthalene
Concen: 47.049 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:142 Resp: 734490

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.3	109.9



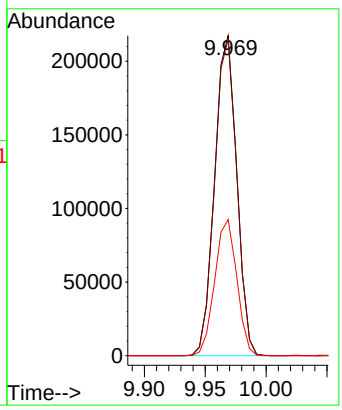


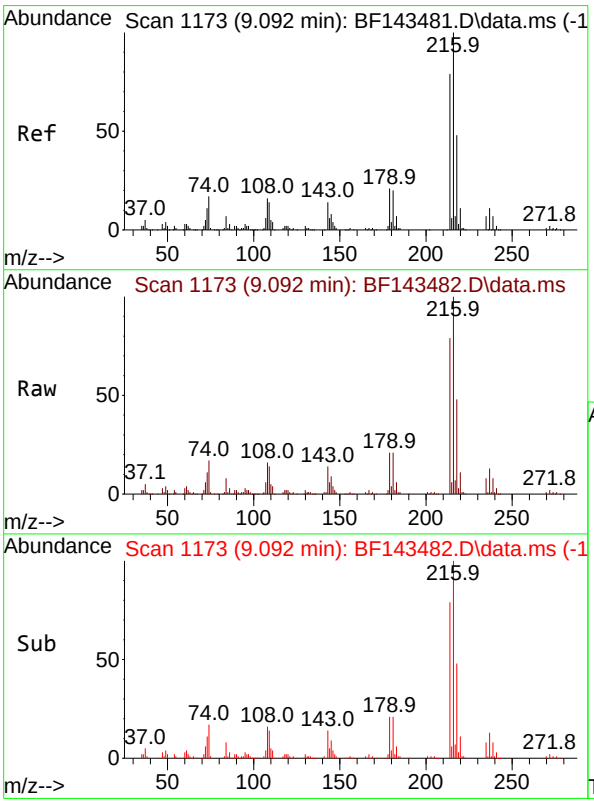
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 274766

Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.5	120.7
160	42.6	34.3	51.5

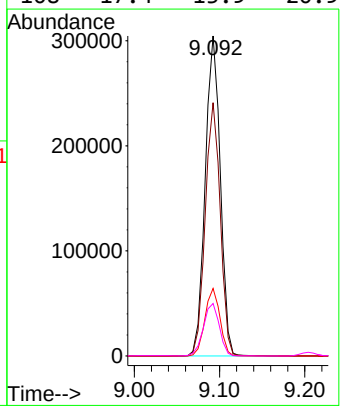


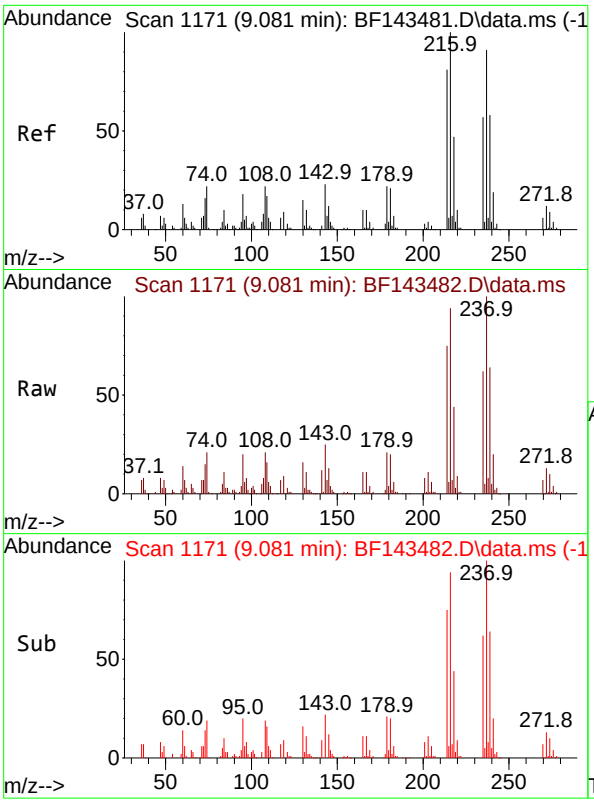


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.541 ng
RT: 9.092 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:216 Resp: 373639

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.0
179	20.9	16.5	24.7
108	17.4	13.9	20.9



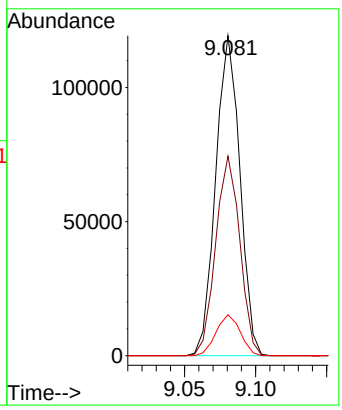


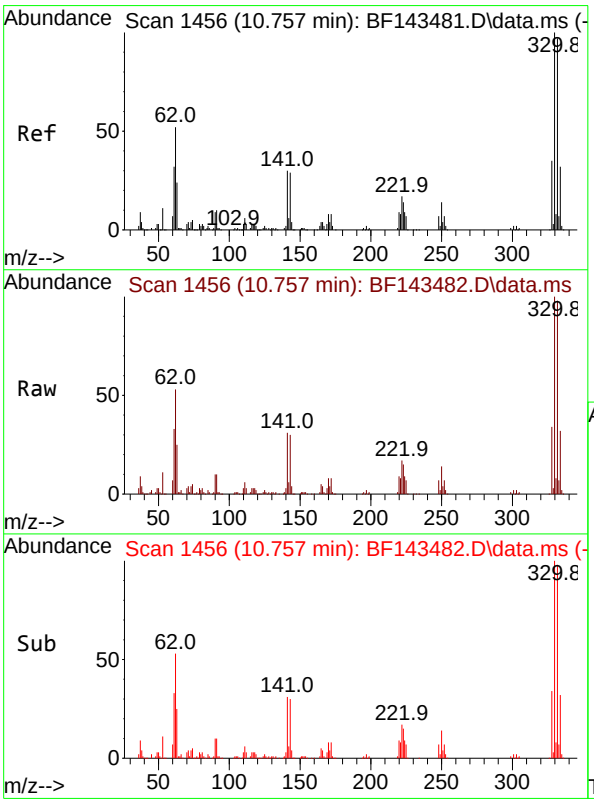
#41
Hexachlorocyclopentadiene
Concen: 48.905 ng
RT: 9.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 141023

Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.6	82.6
272	12.8	0.0	33.4

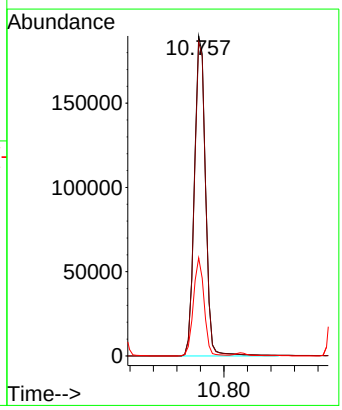


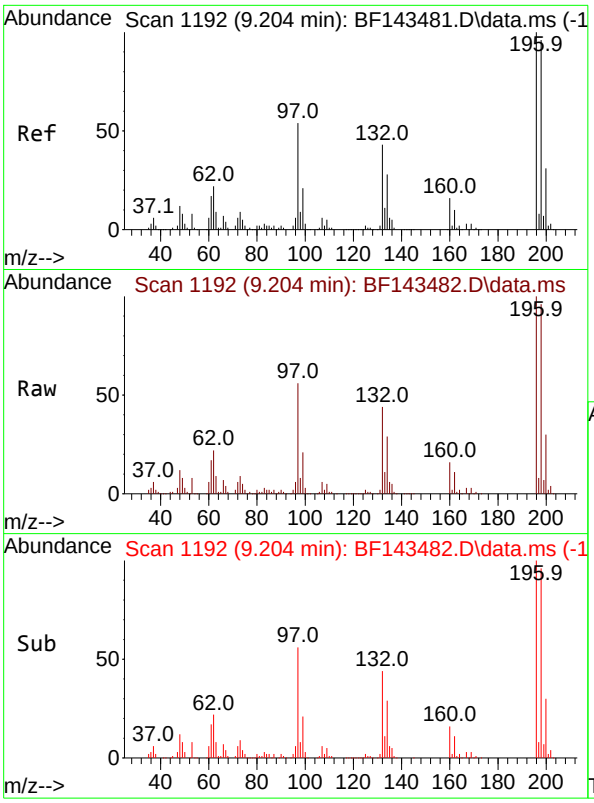


#42
2,4,6-Tribromophenol
Concen: 97.306 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:330 Resp: 248877

Ion	Ratio	Lower	Upper
330	100		
332	98.3	78.0	117.0
141	29.6	23.7	35.5



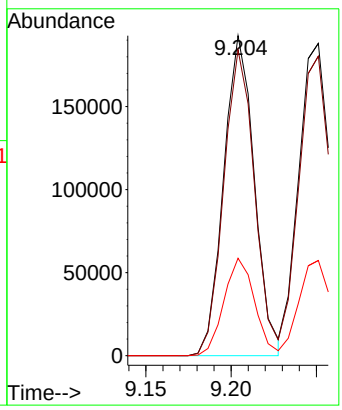


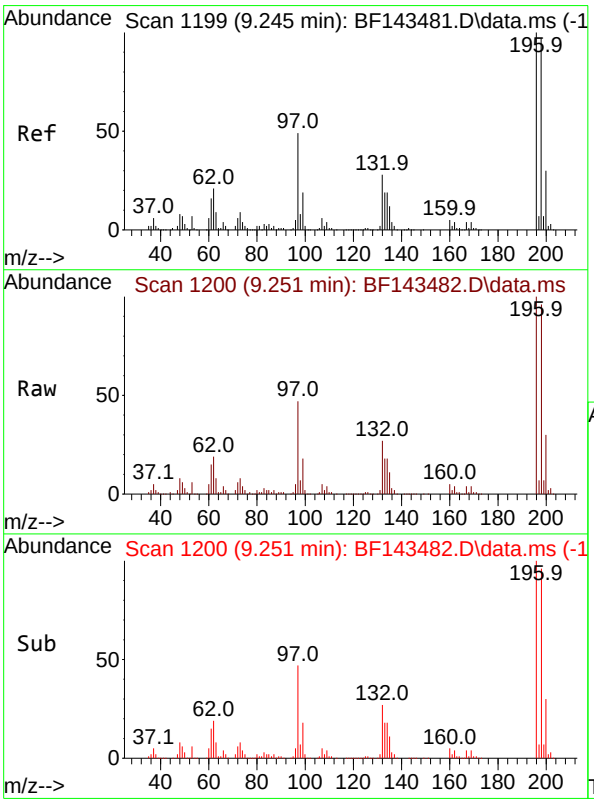
#43
2,4,6-Trichlorophenol
Concen: 49.900 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 241322

Ion	Ratio	Lower	Upper
196	100		
198	95.5	77.0	115.4
200	30.4	24.6	37.0

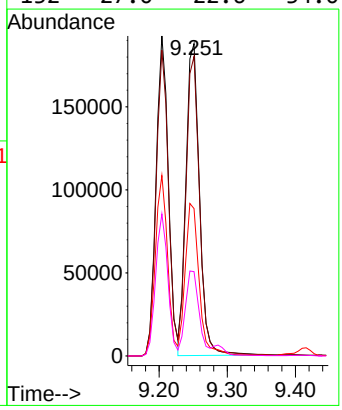


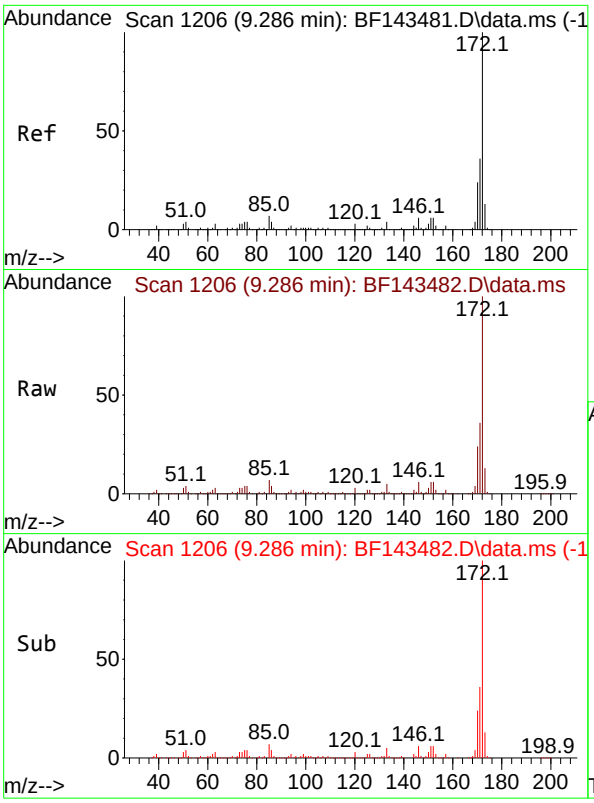


#44
2,4,5-Trichlorophenol
Concen: 49.041 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:196 Resp: 259061

Ion	Ratio	Lower	Upper
196	100		
198	95.9	77.3	115.9
97	47.2	40.0	60.0
132	27.0	22.6	34.0



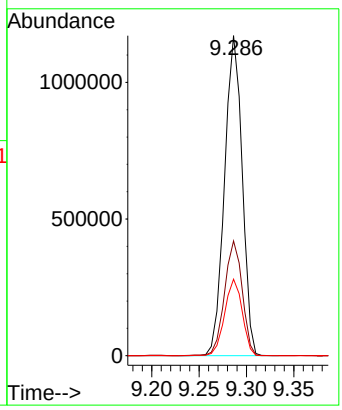


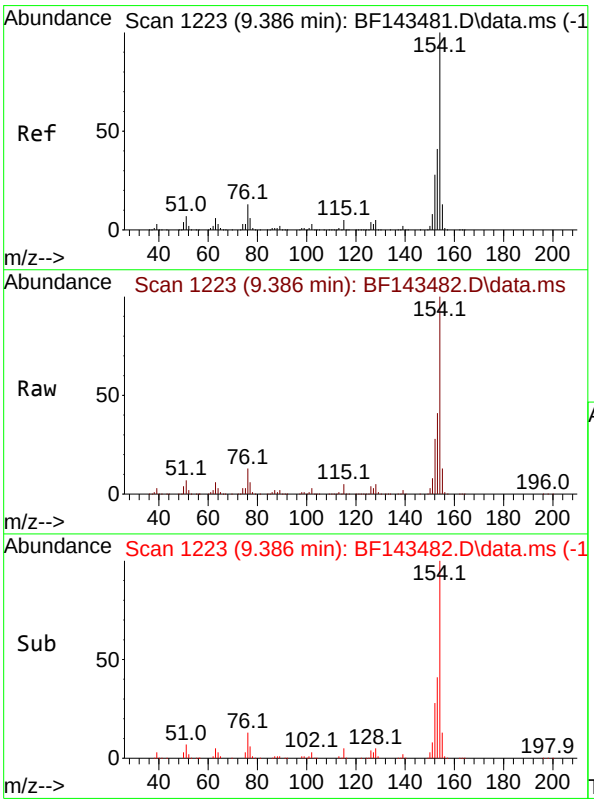
#45
2-Fluorobiphenyl
Concen: 91.359 ng
RT: 9.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp: 1518897

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.8	43.2
170	23.9	18.8	28.2

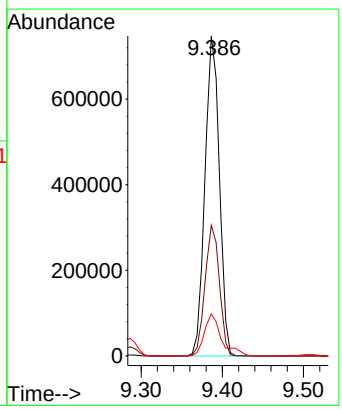


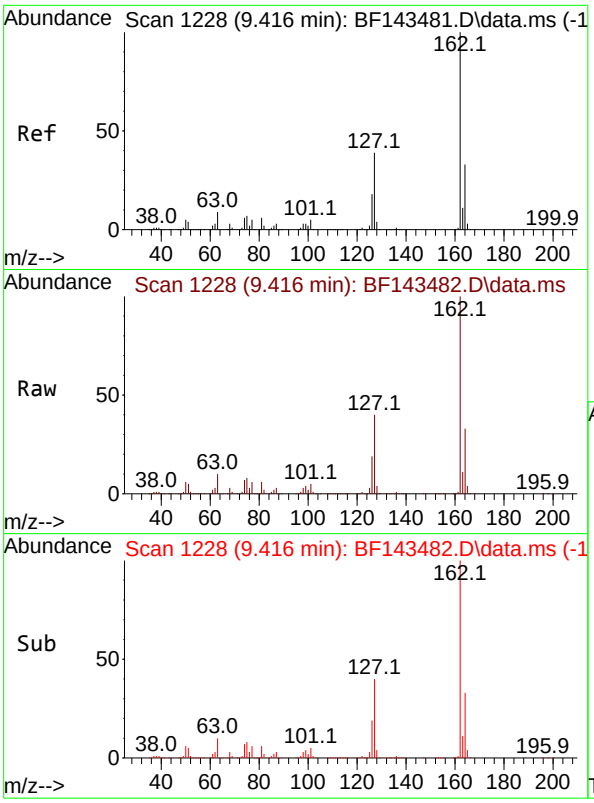


#46
1,1'-Biphenyl
Concen: 47.038 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:154 Resp: 917350

Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.6	60.6
76	13.2	0.0	33.0



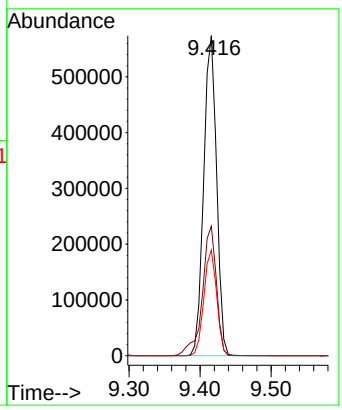


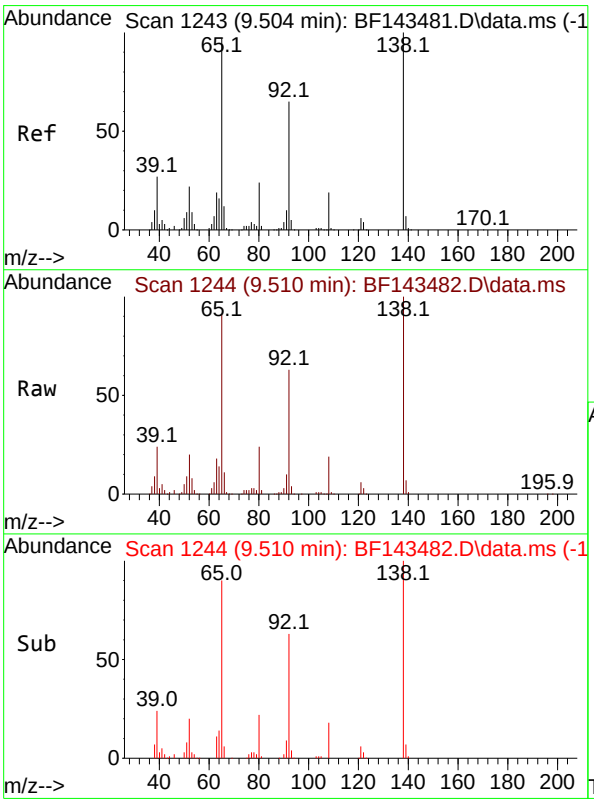
#47
2-Chloronaphthalene
Concen: 47.420 ng
RT: 9.416 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 725620

Ion	Ratio	Lower	Upper
162	100		
127	40.5	31.8	47.6
164	33.0	26.4	39.6

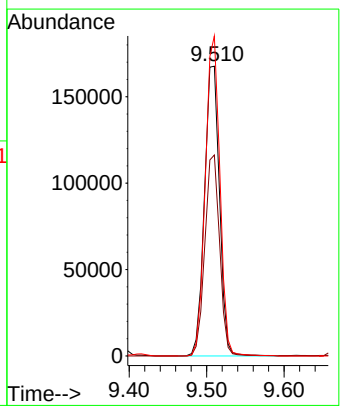


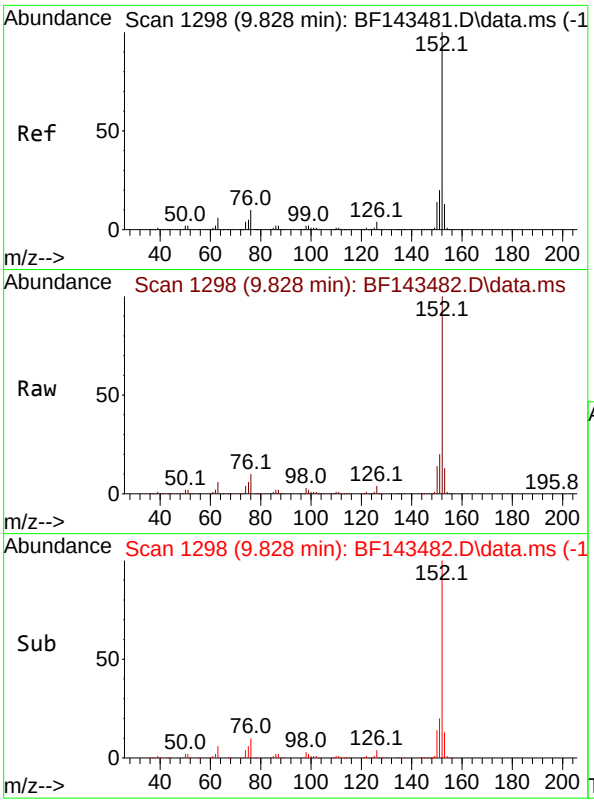


#48
2-Nitroaniline
Concen: 50.489 ng
RT: 9.510 min Scan# 1244
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion: 65 Resp: 226106

Ion	Ratio	Lower	Upper
65	100		
92	69.4	53.8	80.6
138	110.5	82.4	123.6



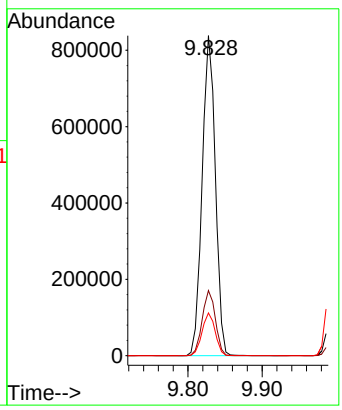


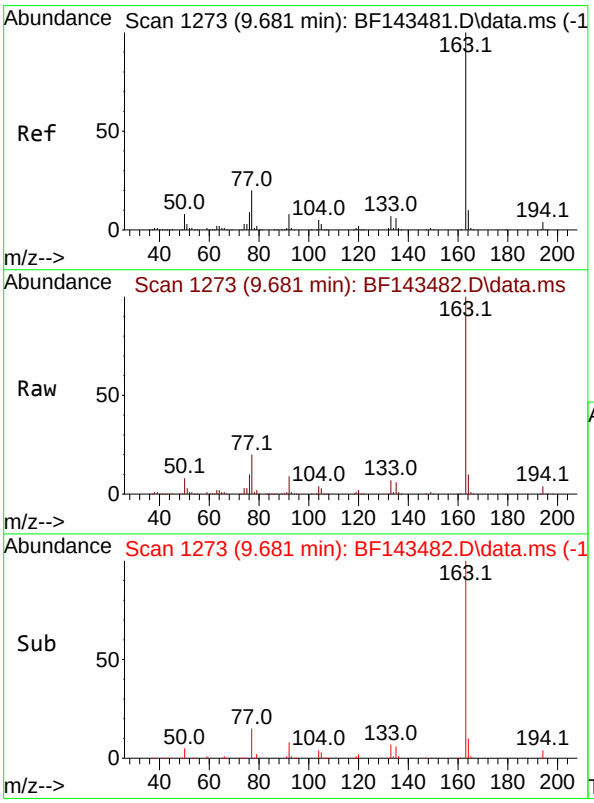
#49
Acenaphthylene
Concen: 47.536 ng
RT: 9.828 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 1041531

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	13.3	10.6	15.8

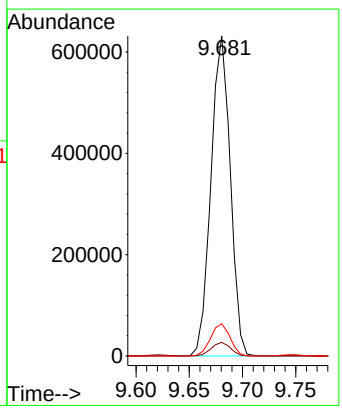


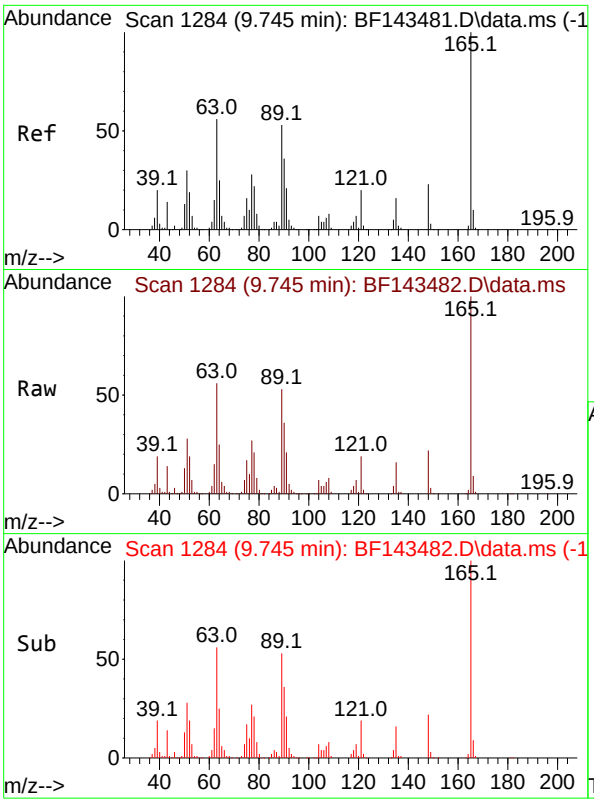


#50
Dimethylphthalate
Concen: 48.090 ng
RT: 9.681 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:163 Resp: 795814

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.1	8.2	12.2



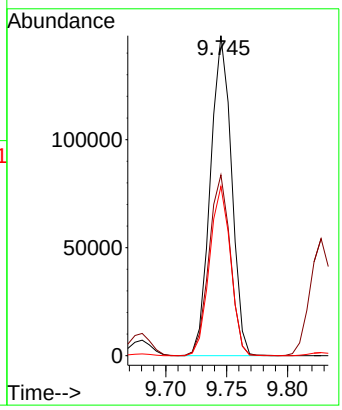


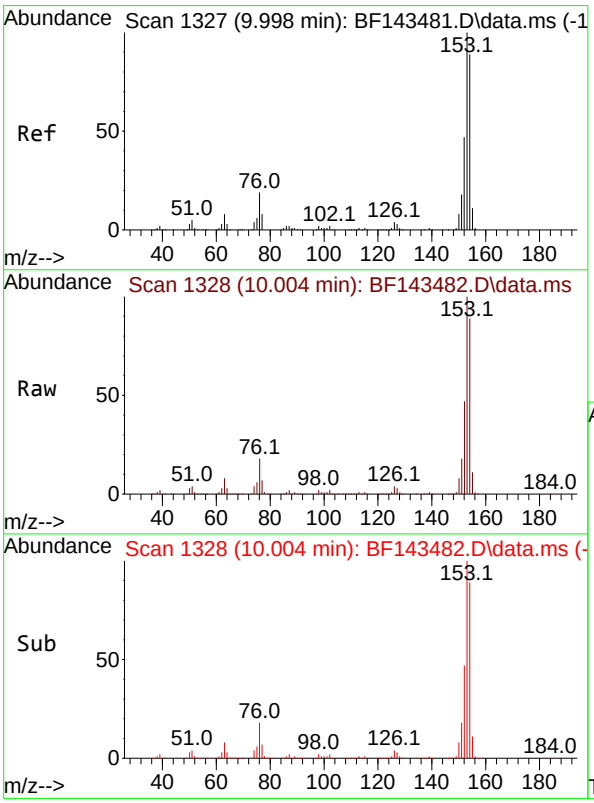
#51
2,6-Dinitrotoluene
Concen: 52.104 ng
RT: 9.745 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 178703

Ion	Ratio	Lower	Upper
165	100		
63	56.5	45.0	67.6
89	52.9	42.5	63.7

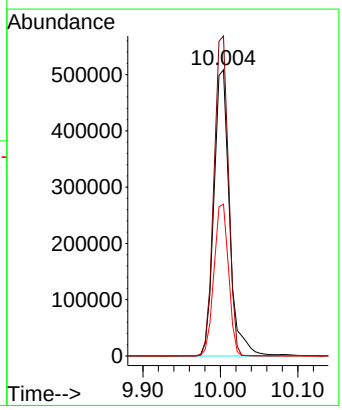


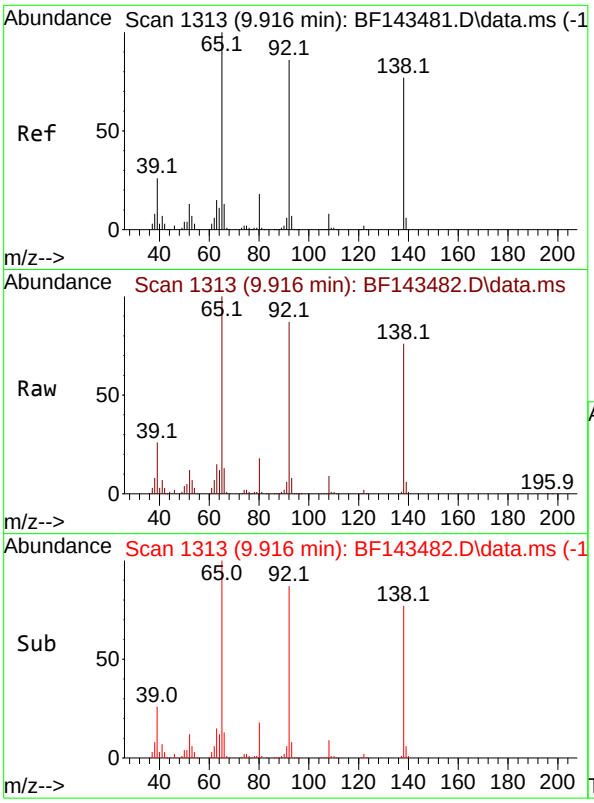


#52
Acenaphthene
Concen: 47.905 ng
RT: 10.004 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:154 Resp: 712642

Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.5	134.3
152	53.1	42.5	63.7



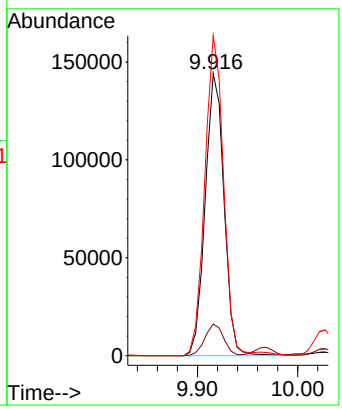


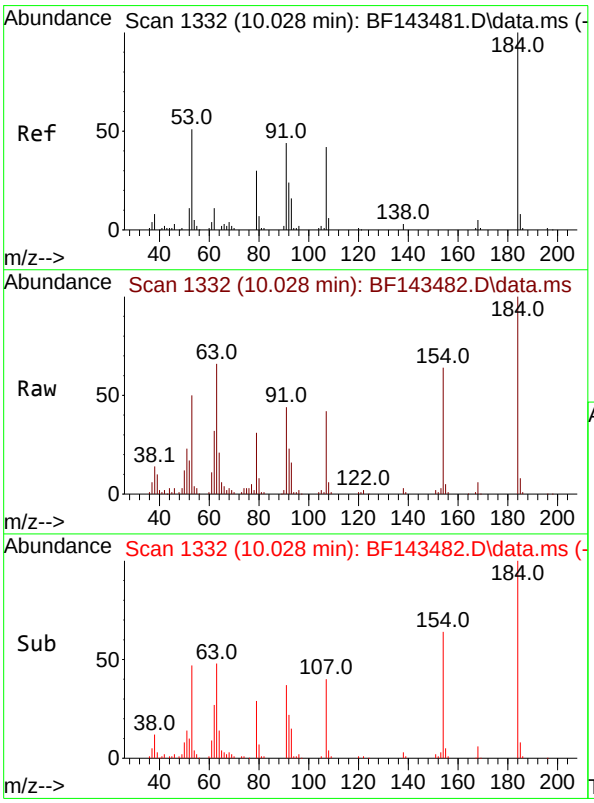
#53
3-Nitroaniline
Concen: 50.620 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 187598

Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.6	13.0
92	113.5	89.8	134.8

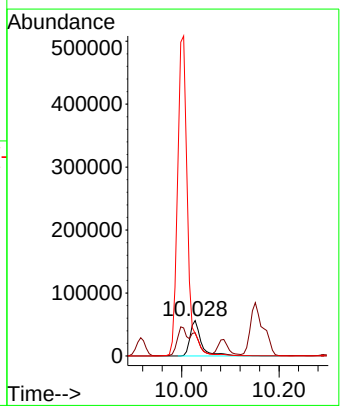


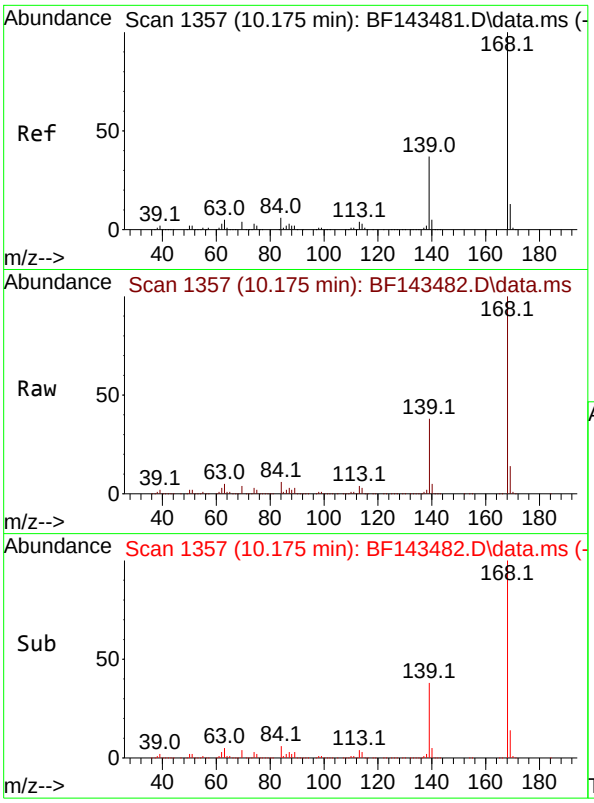


#54
2,4-Dinitrophenol
Concen: 51.384 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:184 Resp: 90529

Ion	Ratio	Lower	Upper
184	100		
63	65.5	52.6	78.8
154	63.7	51.0	76.4



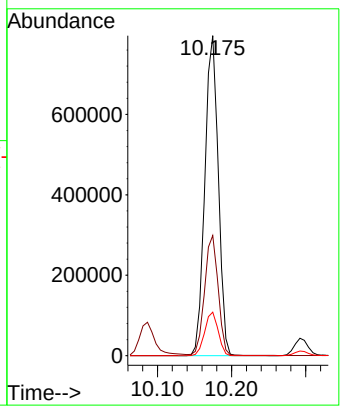


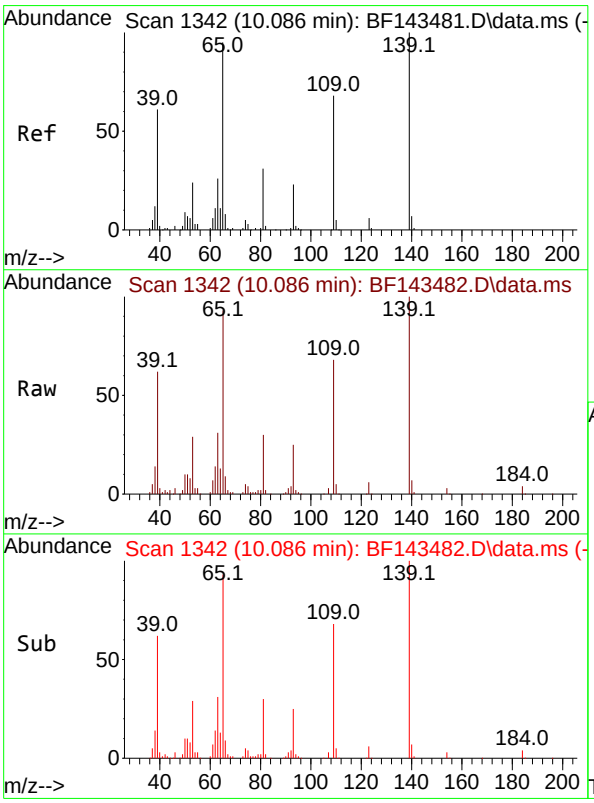
#55
Dibenzofuran
Concen: 47.313 ng
RT: 10.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:168 Resp: 1003468

Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.8	44.6
169	13.6	10.8	16.2

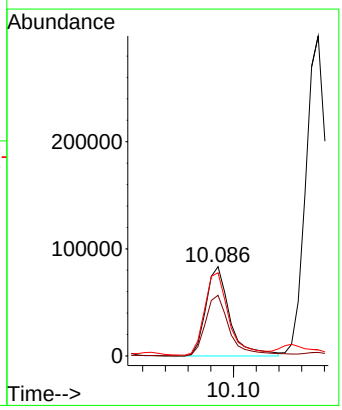


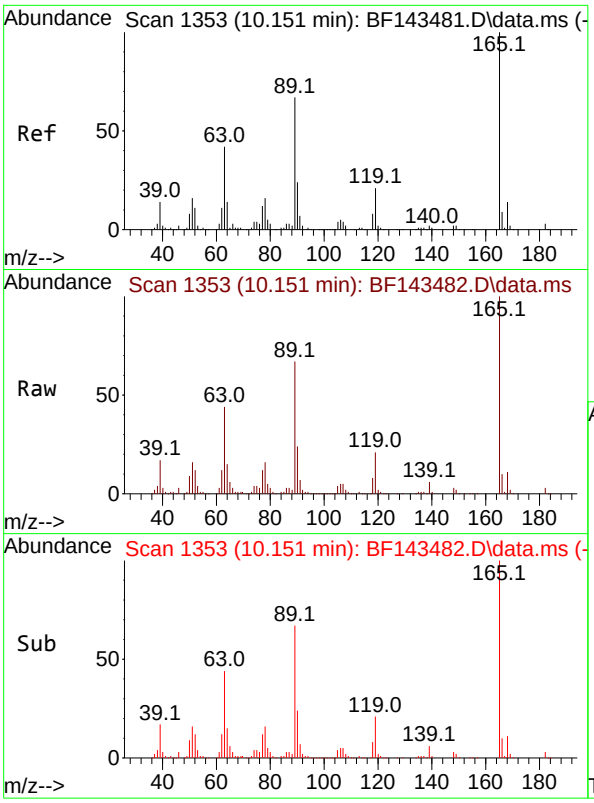


#56
4-Nitrophenol
Concen: 54.991 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:139 Resp: 121261

Ion	Ratio	Lower	Upper
139	100		
109	68.0	48.2	88.2
65	93.3	75.8	115.8



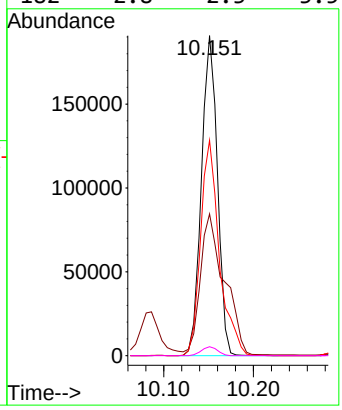


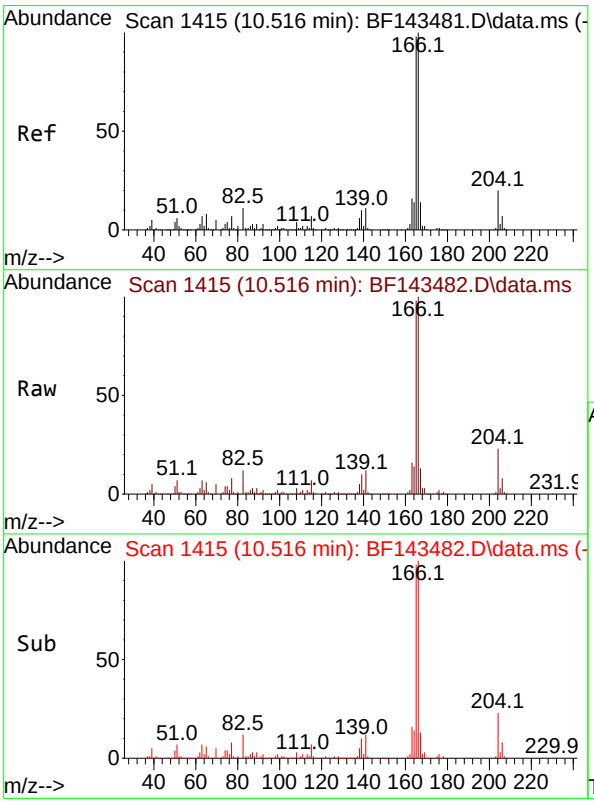
#57
2,4-Dinitrotoluene
Concen: 51.542 ng
RT: 10.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 236039

Ion	Ratio	Lower	Upper
165	100		
63	44.3	34.9	52.3
89	67.3	53.3	79.9
182	2.8	2.3	3.5

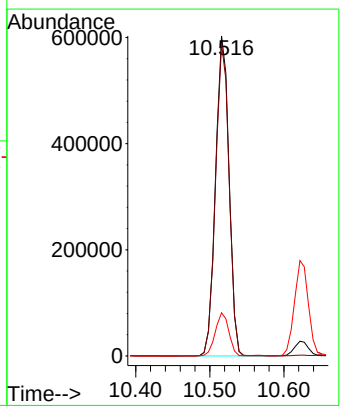


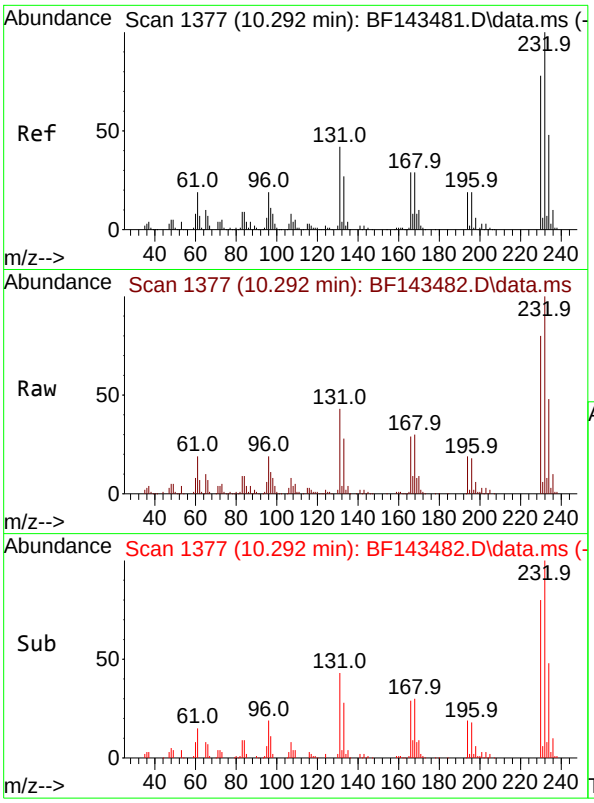


#58
Fluorene
Concen: 46.763 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:166 Resp: 763347

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.3	117.5
167	13.5	11.0	16.4



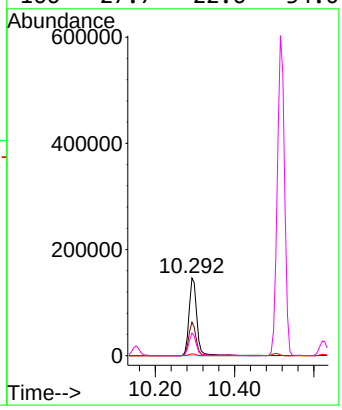


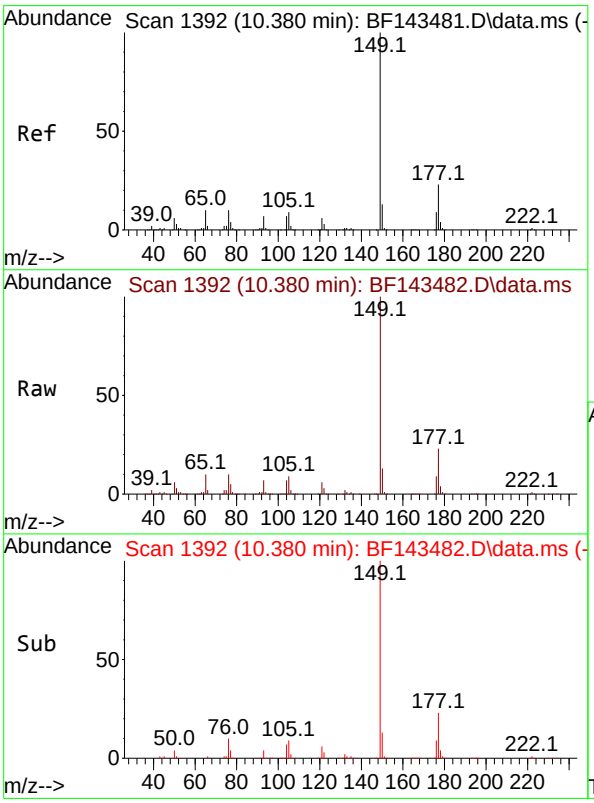
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.483 ng
RT: 10.292 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 202049

Ion	Ratio	Lower	Upper
232	100		
131	41.0	32.7	49.1
130	2.1	1.6	2.4
166	27.7	22.6	34.0

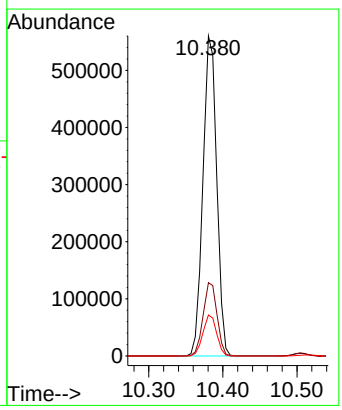


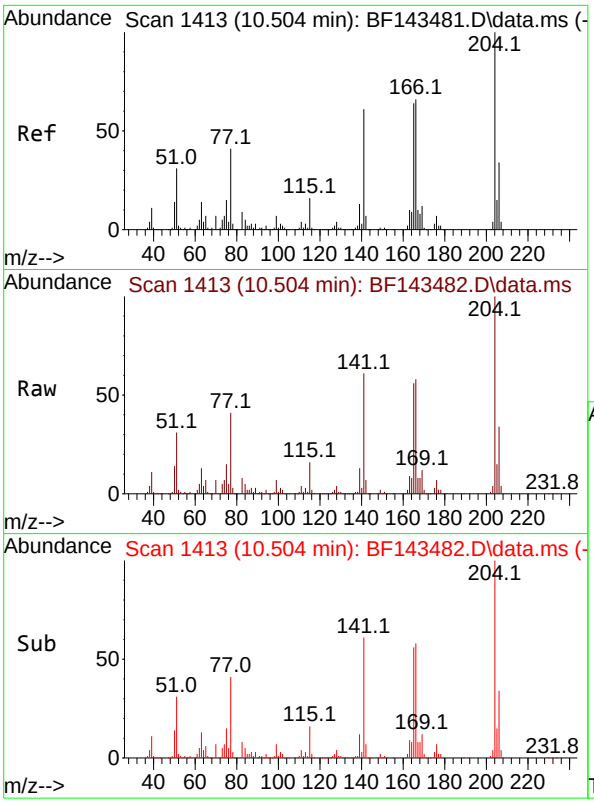


#60
Diethylphthalate
Concen: 48.756 ng
RT: 10.380 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:149 Resp: 723386

Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.3	27.5
150	12.8	10.3	15.5



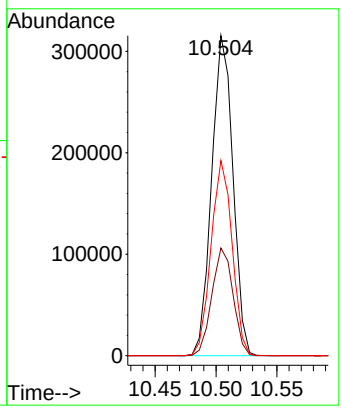


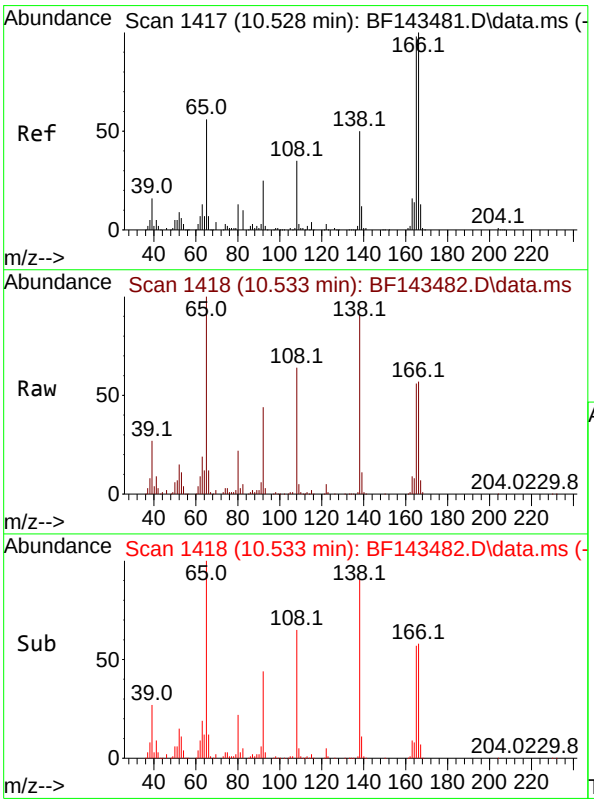
#61
4-Chlorophenyl-phenylether
Concen: 46.985 ng
RT: 10.504 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 383570

Ion	Ratio	Lower	Upper
204	100		
206	33.6	27.0	40.4
141	61.0	48.7	73.1

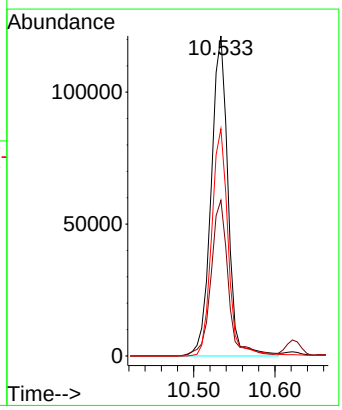


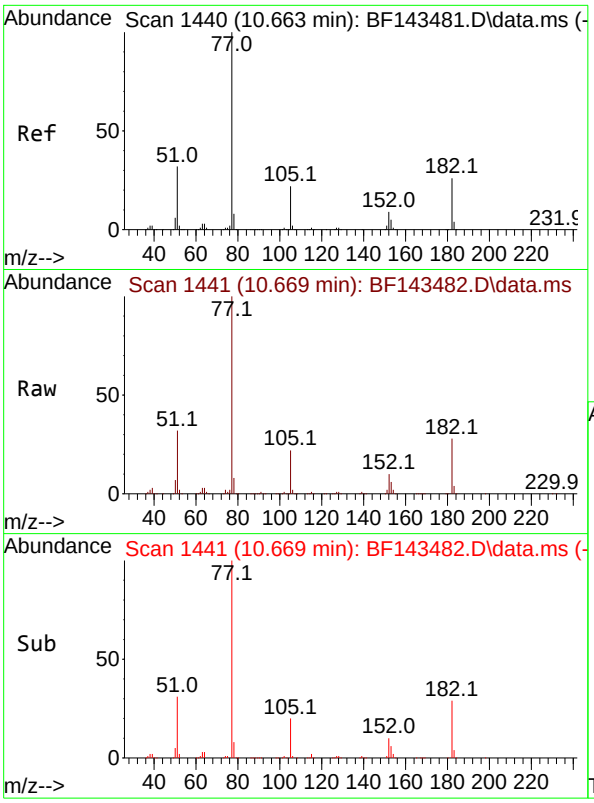


#62
4-Nitroaniline
Concen: 51.418 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:138 Resp: 175033

Ion	Ratio	Lower	Upper
138	100		
92	48.7	29.3	69.3
108	71.0	50.7	90.7



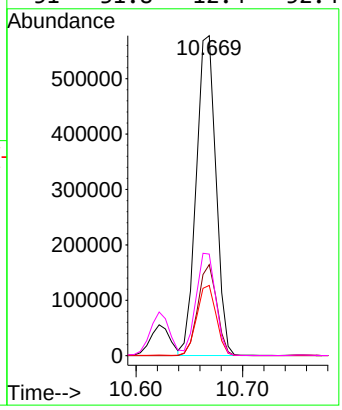


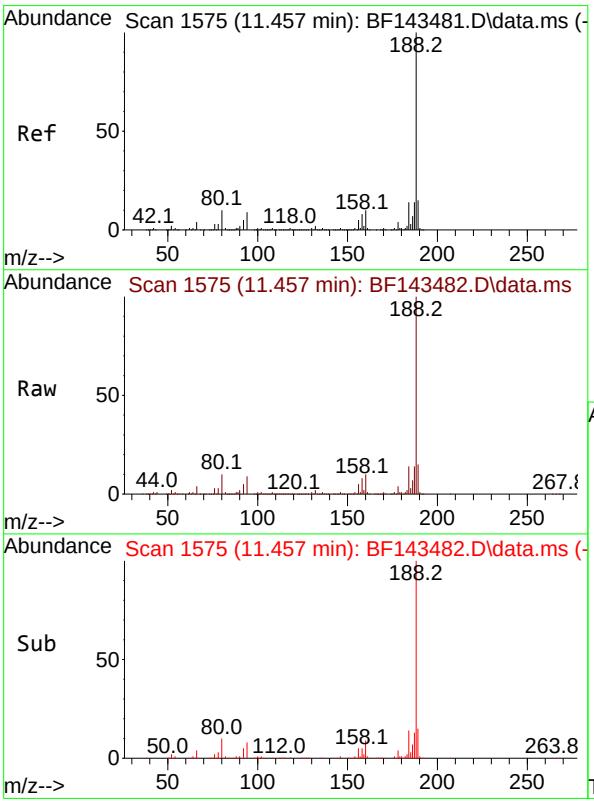
#63
Azobenzene
Concen: 48.247 ng
RT: 10.669 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 742238

Ion	Ratio	Lower	Upper
77	100		
182	28.4	6.2	46.2
105	21.9	2.2	42.2
51	31.8	12.4	52.4

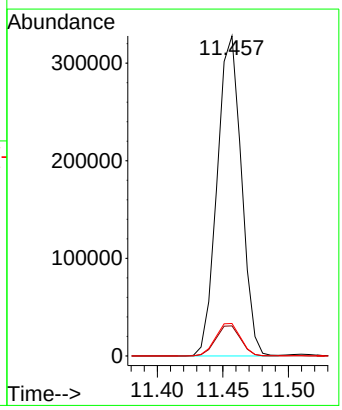


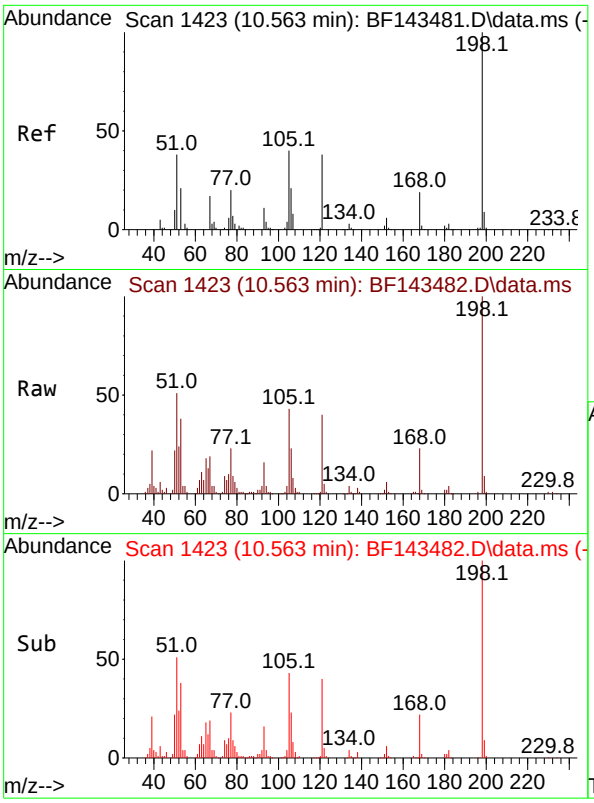


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:188 Resp: 422398

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.4	11.2
80	10.1	8.2	12.4



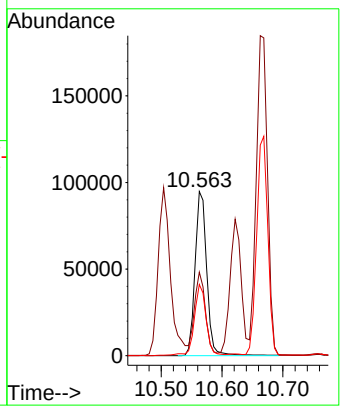


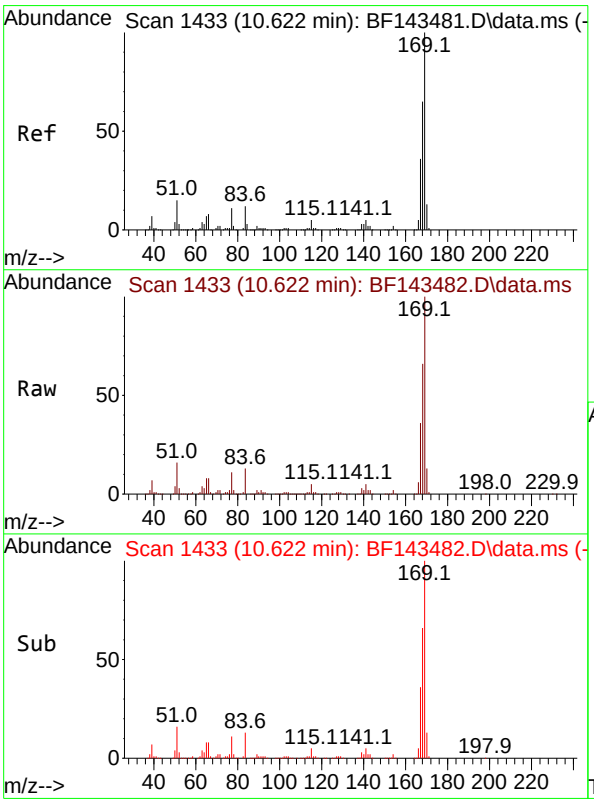
#65
4,6-Dinitro-2-methylphenol
Concen: 53.128 ng
RT: 10.563 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 126533

Ion	Ratio	Lower	Upper
198	100		
51	50.8	29.6	69.6
105	43.4	21.5	61.5

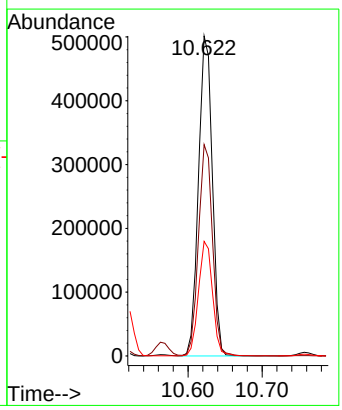


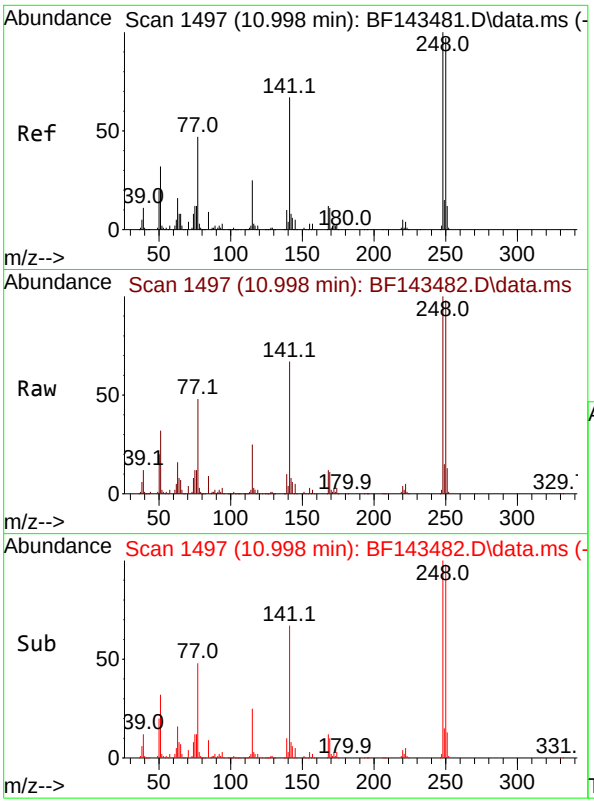


#66
n-Nitrosodiphenylamine
Concen: 47.789 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:169 Resp: 649619

Ion	Ratio	Lower	Upper
169	100		
168	66.0	52.4	78.6
167	35.8	28.9	43.3



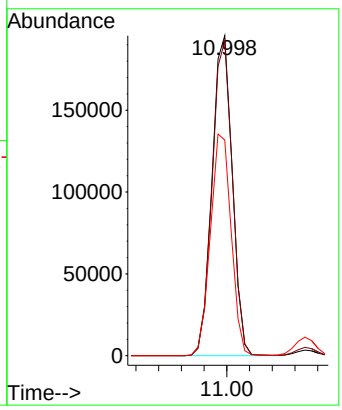


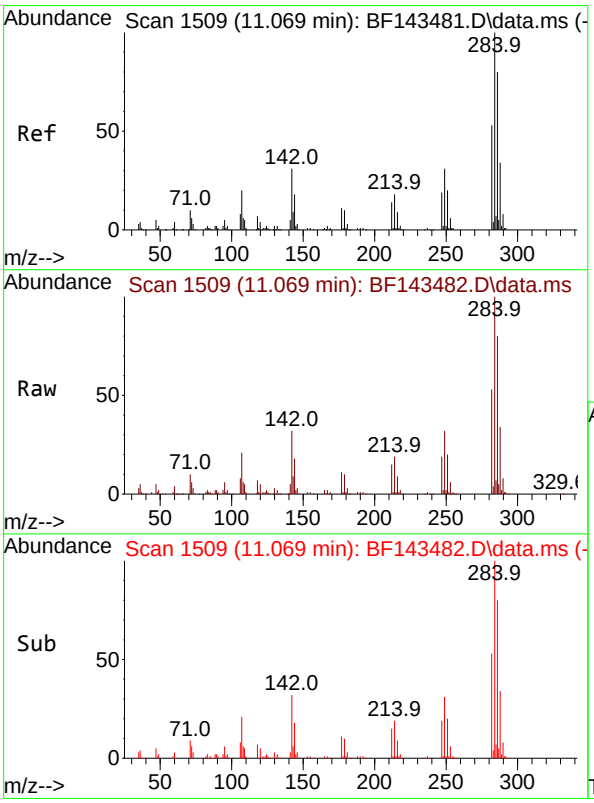
#67
4-Bromophenyl-phenylether
Concen: 48.112 ng
RT: 10.998 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 242477

Ion	Ratio	Lower	Upper
248	100		
250	98.4	77.8	116.8
141	67.4	54.0	81.0

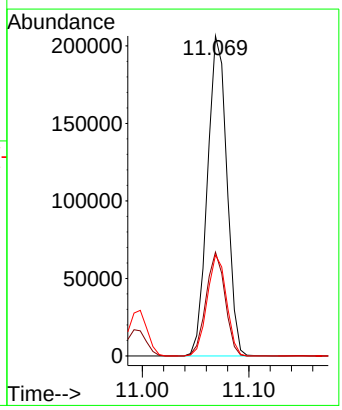


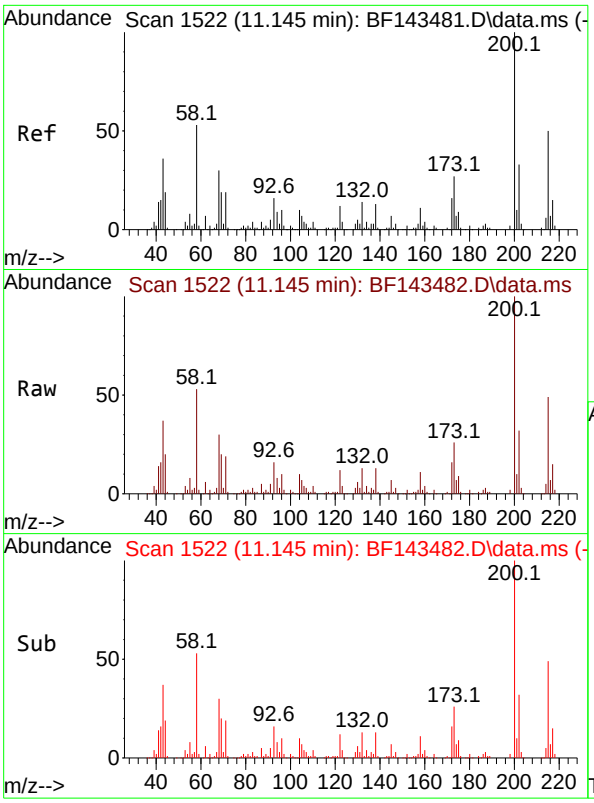


#68
Hexachlorobenzene
Concen: 48.206 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:284 Resp: 261883

Ion	Ratio	Lower	Upper
284	100		
142	32.4	24.4	36.6
249	31.6	25.0	37.6



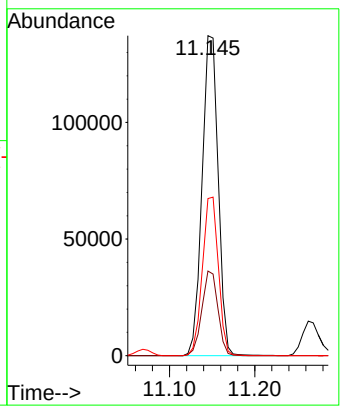


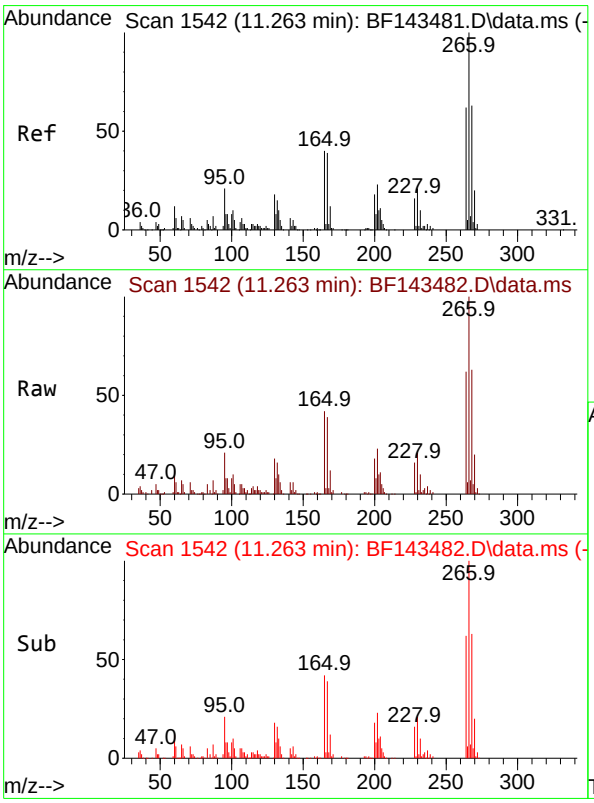
#69
Atrazine
Concen: 51.394 ng
RT: 11.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:200 Resp: 180342

Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.9	46.9
215	49.1	30.0	70.0

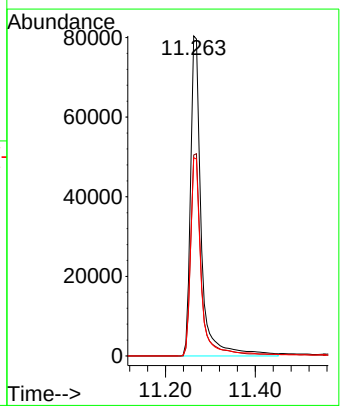


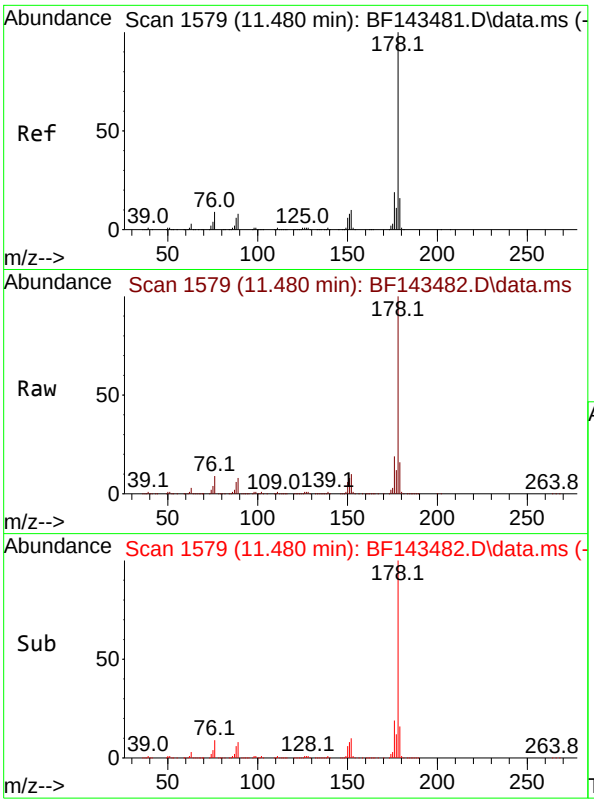


#70
Pentachlorophenol
Concen: 53.767 ng
RT: 11.263 min Scan# 1542
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:266 Resp: 133776

Ion	Ratio	Lower	Upper
266	100		
268	62.8	50.5	75.7
264	62.0	49.8	74.8



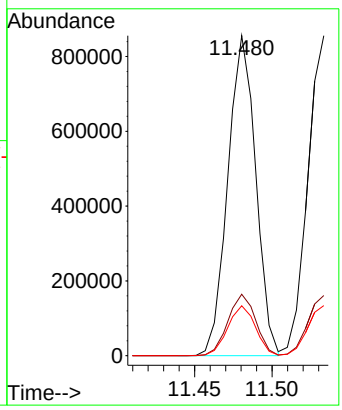


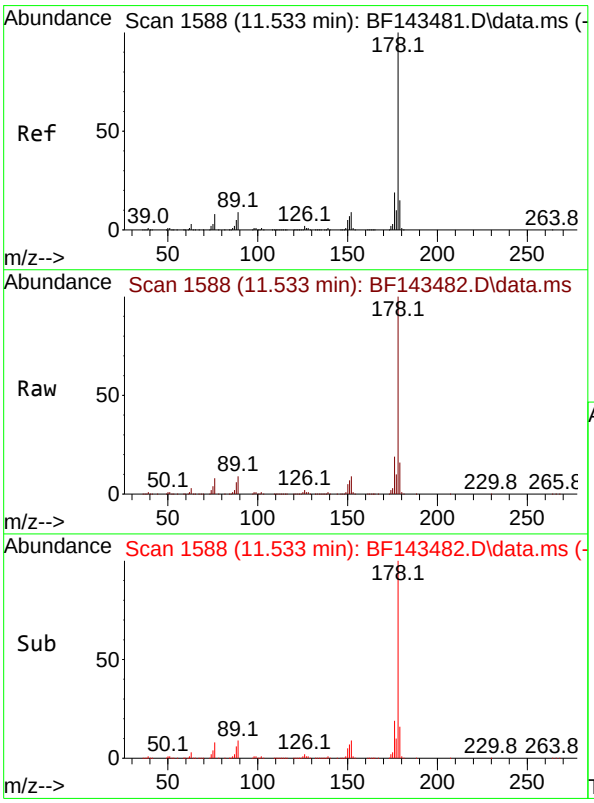
#71
Phenanthrene
Concen: 47.383 ng
RT: 11.480 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 1071808

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.6	12.5	18.7

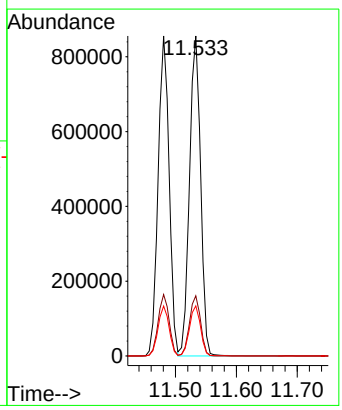


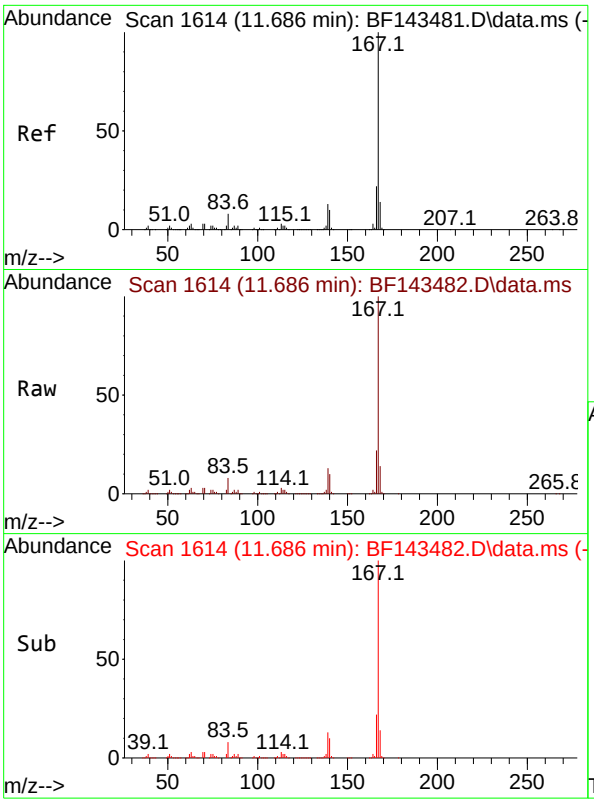


#72
Anthracene
Concen: 47.117 ng
RT: 11.533 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:178 Resp: 1079686

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.7	12.3	18.5



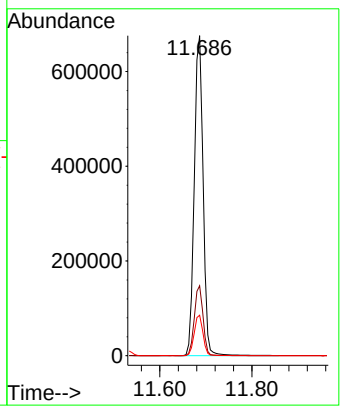


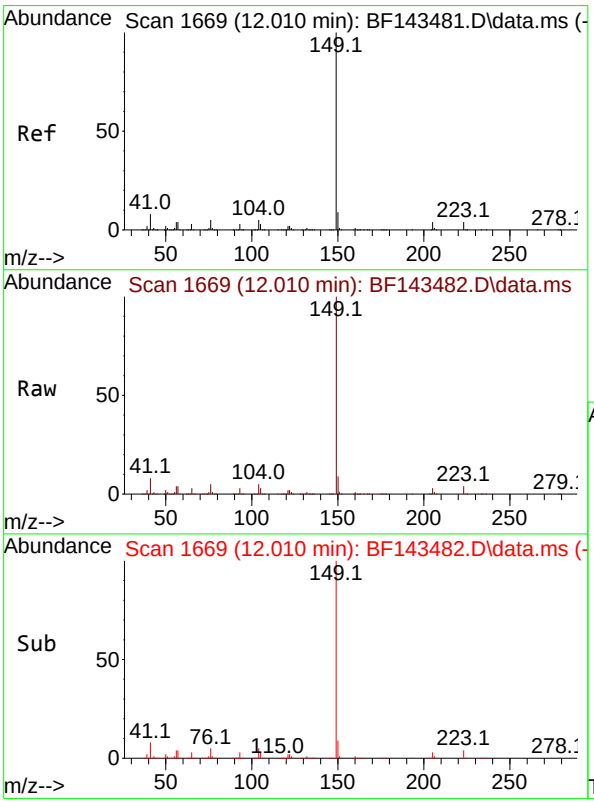
#73
Carbazole
Concen: 47.738 ng
RT: 11.686 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:167 Resp: 896352

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.3	25.9
139	12.7	10.0	15.0

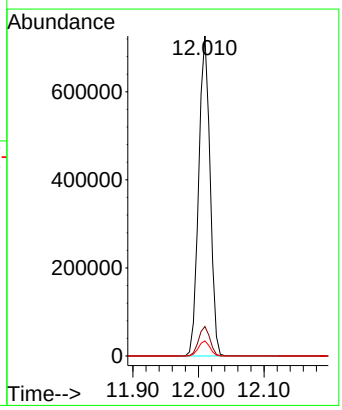


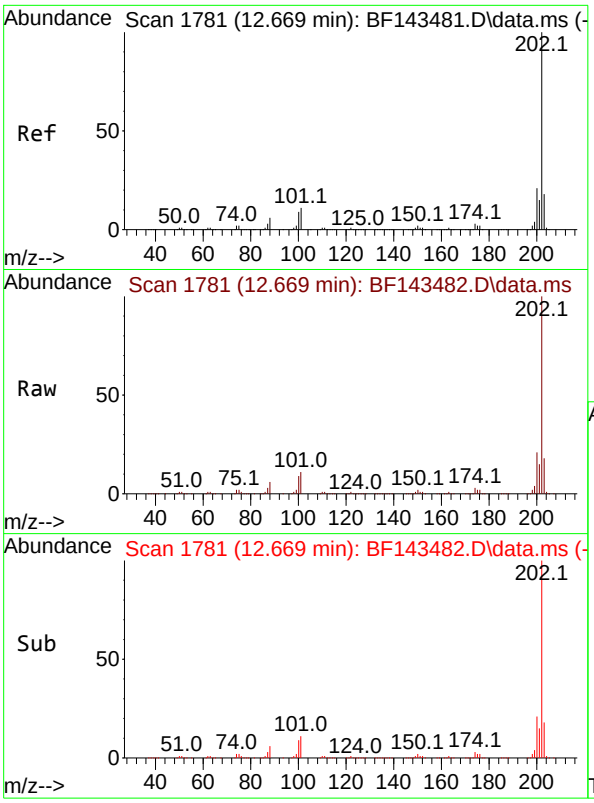


#74
Di-n-butylphthalate
Concen: 50.228 ng
RT: 12.010 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:149 Resp: 879812

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	4.7	3.6	5.4



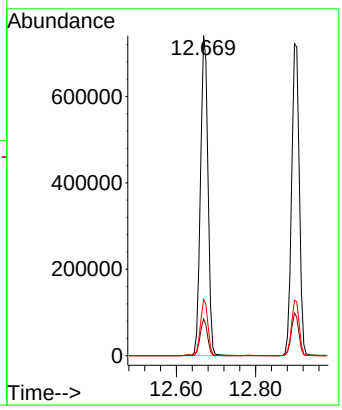


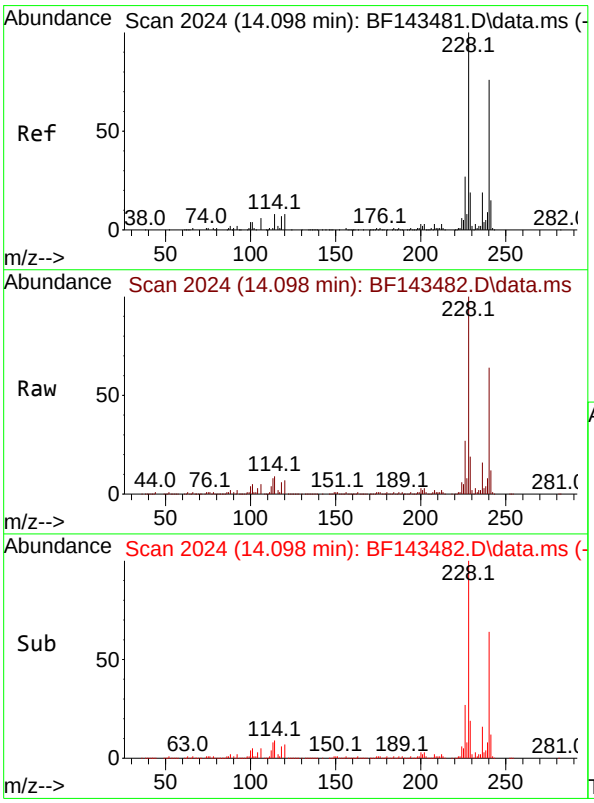
#75
Fluoranthene
Concen: 47.536 ng
RT: 12.669 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 964831

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.3
203	17.6	0.0	37.9

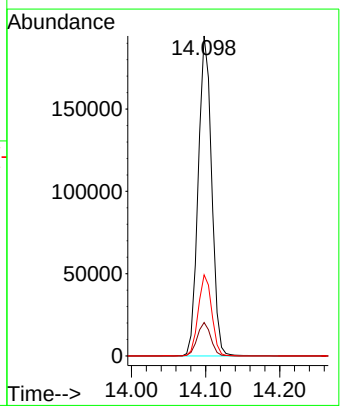


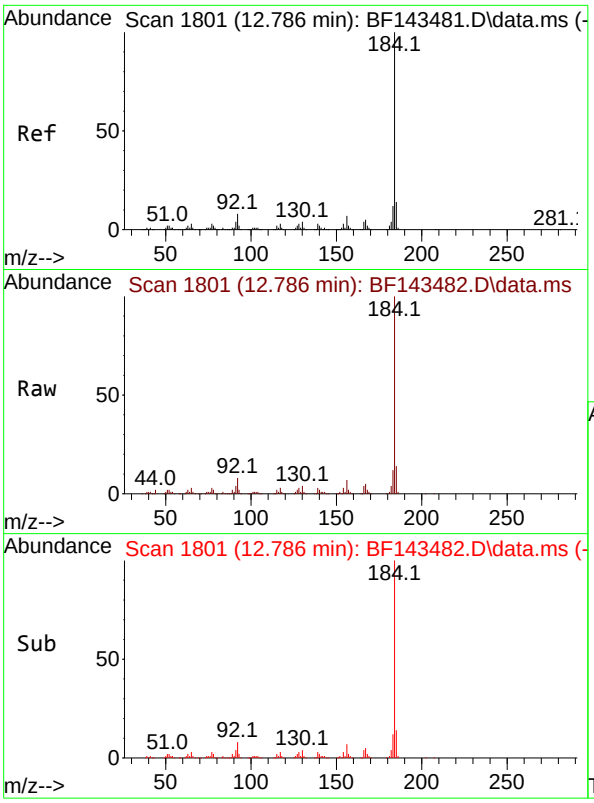


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:240 Resp: 244315

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.6	12.8
236	25.3	20.4	30.6



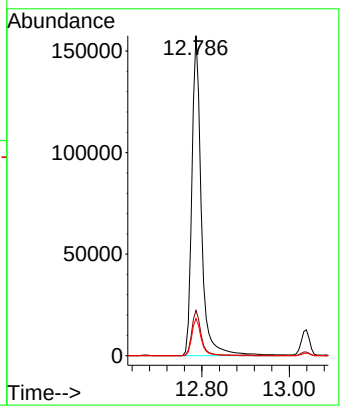


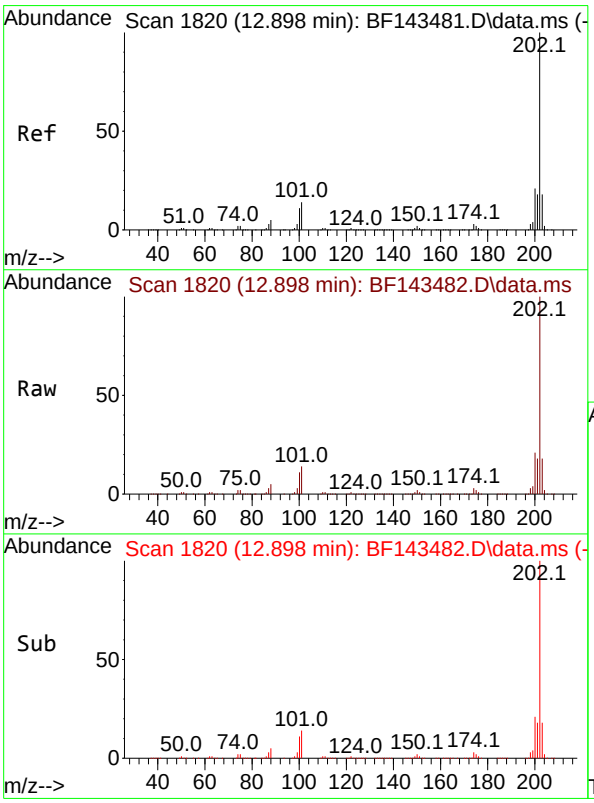
#77
Benzidine
Concen: 40.122 ng
RT: 12.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:184 Resp: 238772

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.3	16.9
183	11.6	9.5	14.3

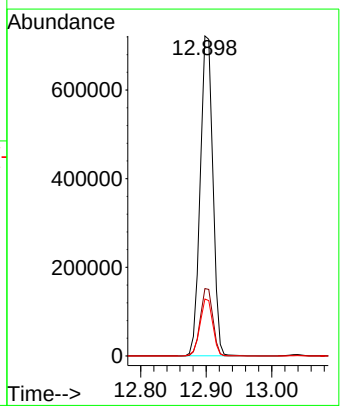


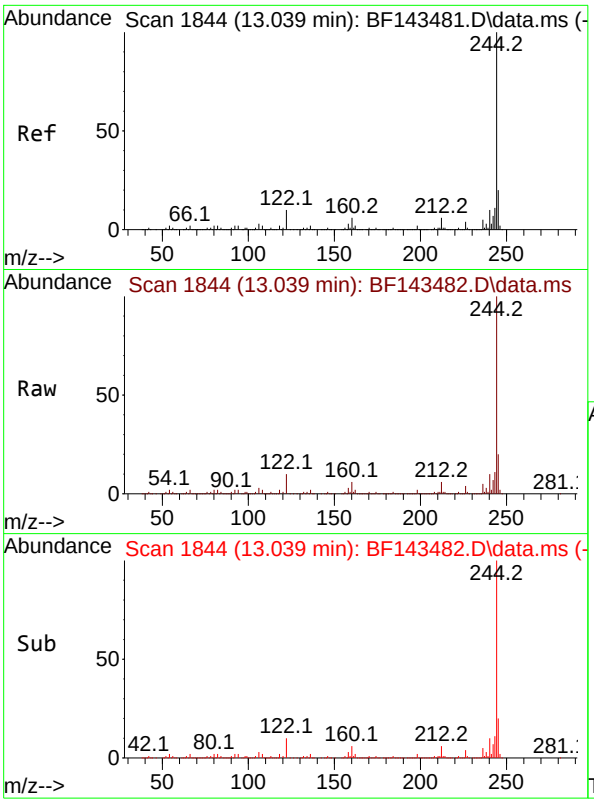


#78
Pyrene
Concen: 48.316 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:202 Resp: 970991

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.8	14.3	21.5



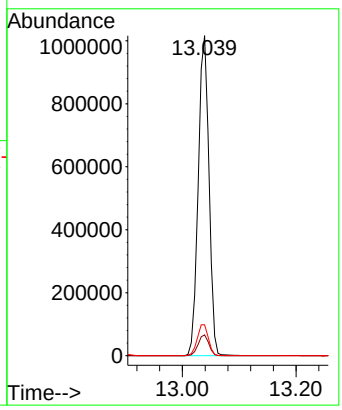


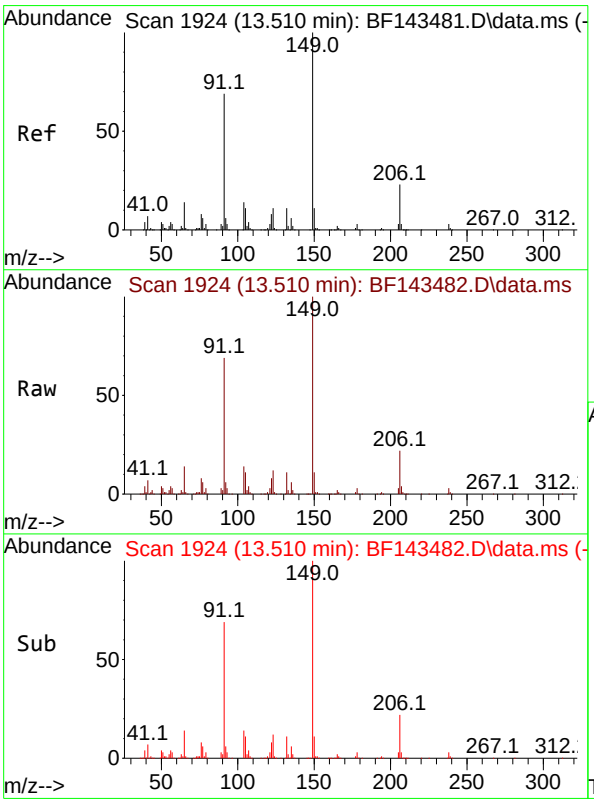
#79
Terphenyl-d14
Concen: 95.465 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:244 Resp: 1336561

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	9.7	7.9	11.9

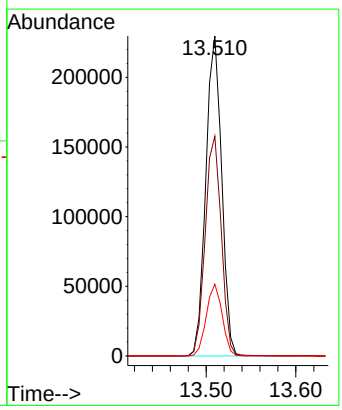


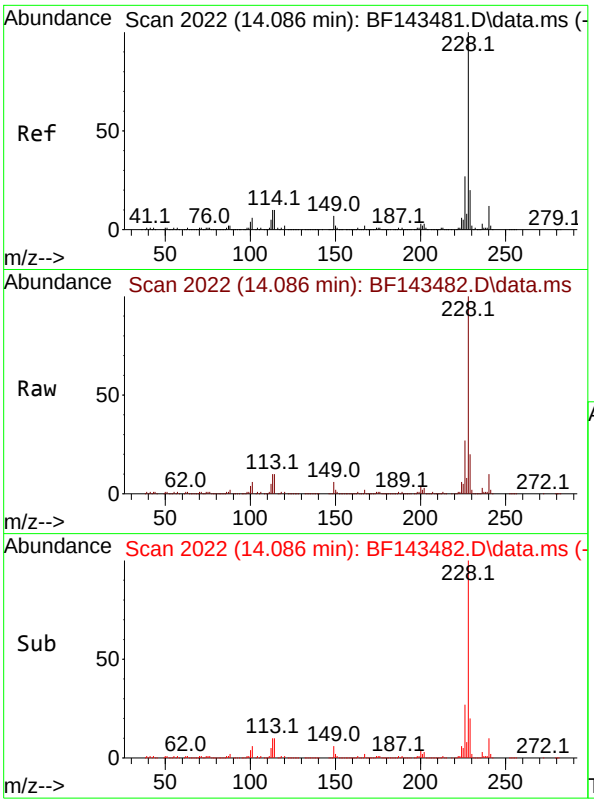


#80
Butylbenzylphthalate
Concen: 51.304 ng
RT: 13.510 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:149 Resp: 281664

Ion	Ratio	Lower	Upper
149	100		
91	68.7	55.3	82.9
206	22.5	18.2	27.4



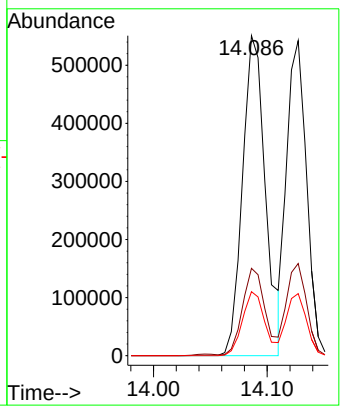


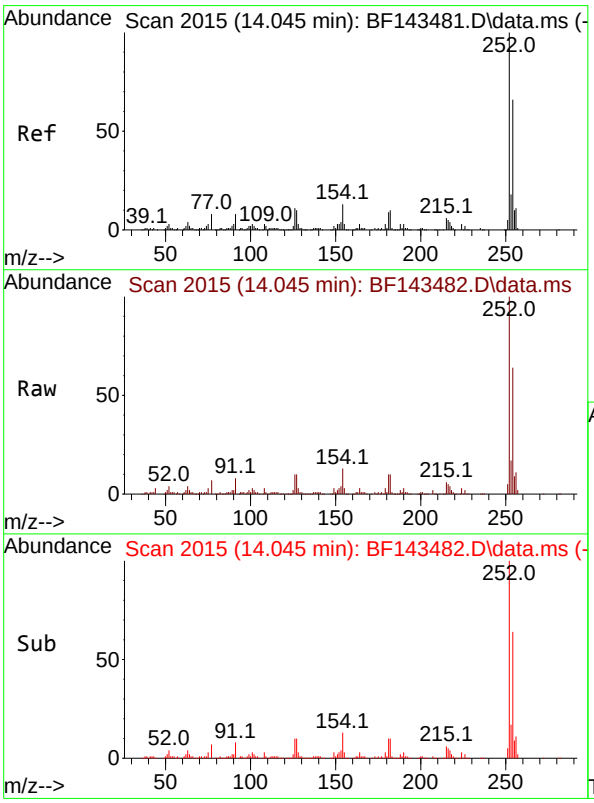
#81
Benzo(a)anthracene
Concen: 49.172 ng
RT: 14.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 773434

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.7	32.5
229	20.0	15.7	23.5

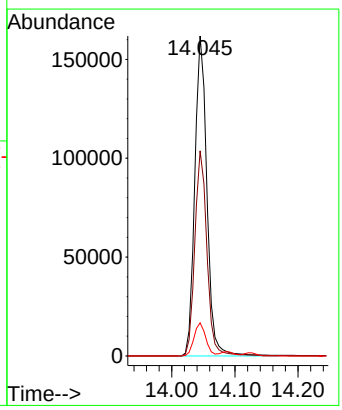


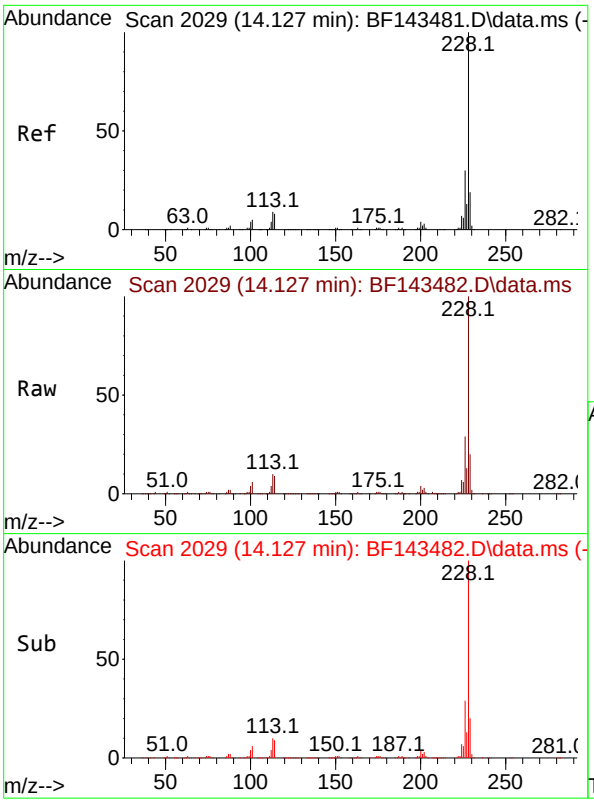


#82
3,3'-Dichlorobenzidine
Concen: 47.957 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:252 Resp: 216024

Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.6	79.0
126	10.3	8.7	13.1



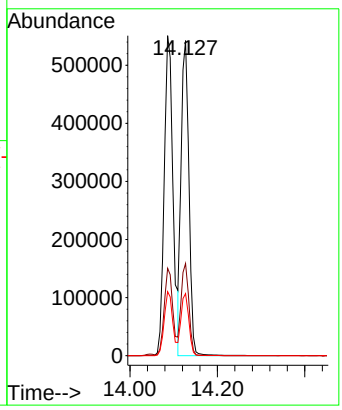


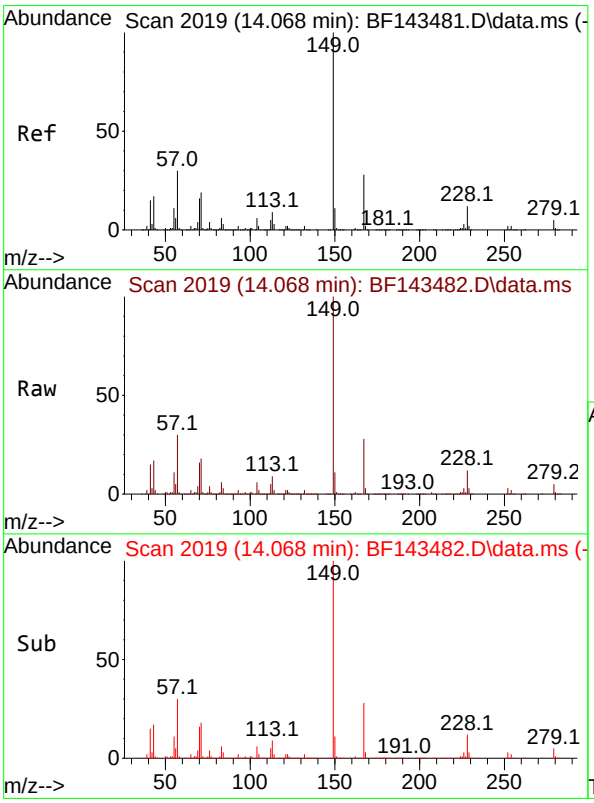
#83
Chrysene
Concen: 47.050 ng
RT: 14.127 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 665070

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.7	35.5
229	19.7	15.7	23.5

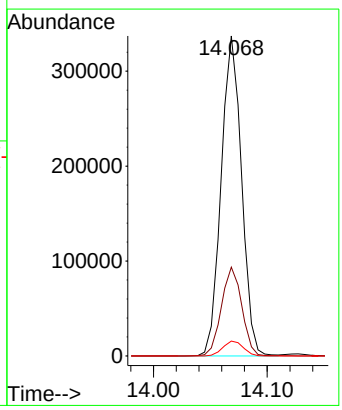


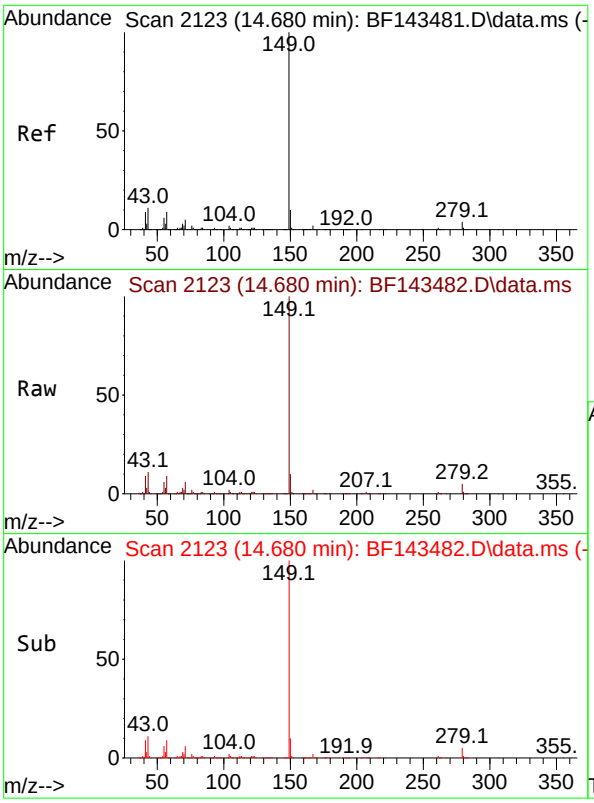


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.372 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:149 Resp: 421199

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.2	33.2
279	4.7	3.6	5.4



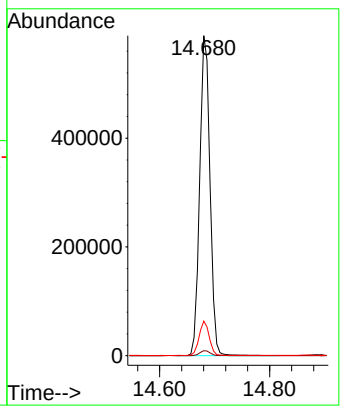


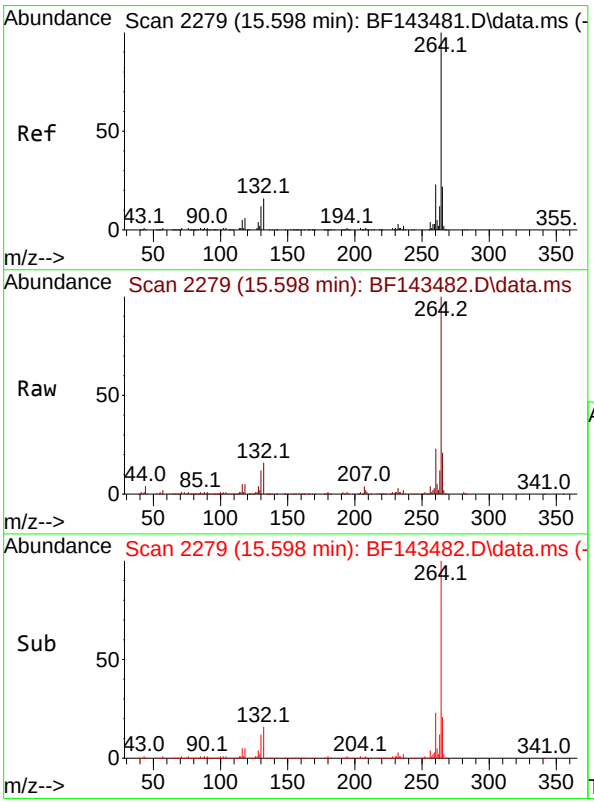
#85
Di-n-octyl phthalate
Concen: 49.329 ng
RT: 14.680 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 764123

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.5	8.5	12.7

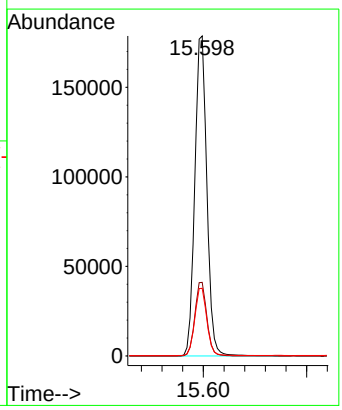


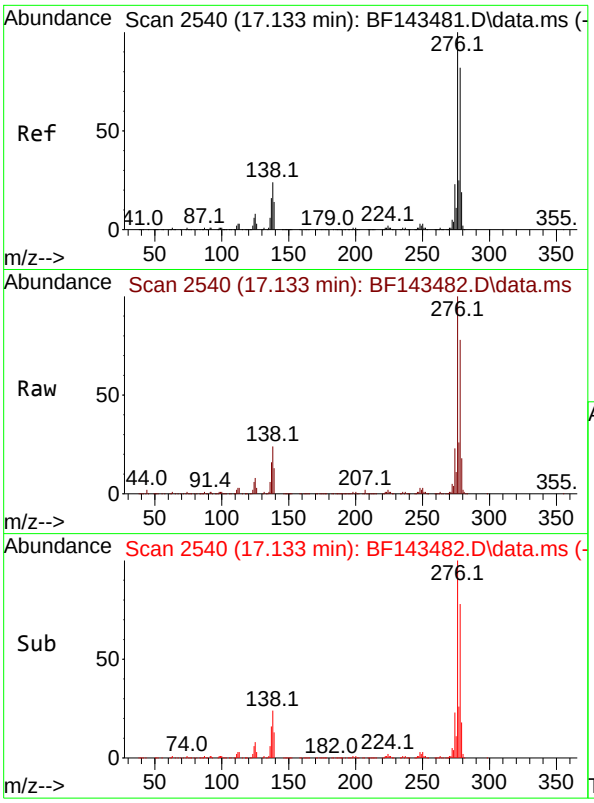


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:264 Resp: 288719

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.1	17.6	26.4



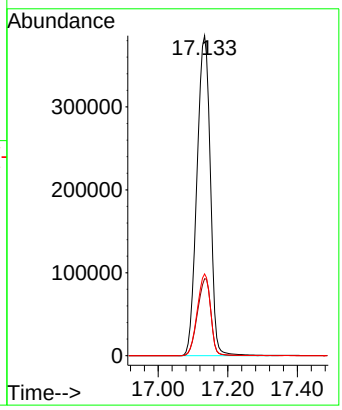


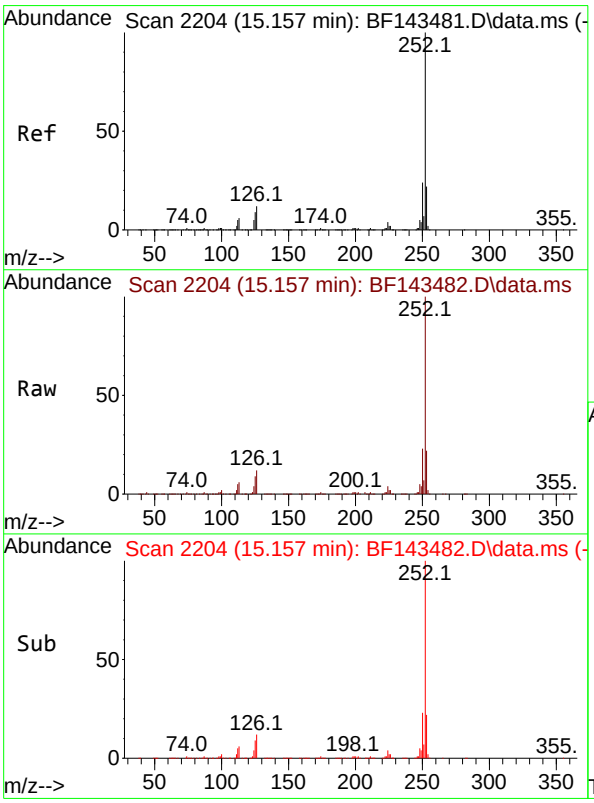
#87
Indeno(1,2,3-cd)pyrene
Concen: 49.646 ng
RT: 17.133 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp: 1030025

Ion	Ratio	Lower	Upper
276	100		
138	24.0	19.2	28.8
277	25.3	20.3	30.5

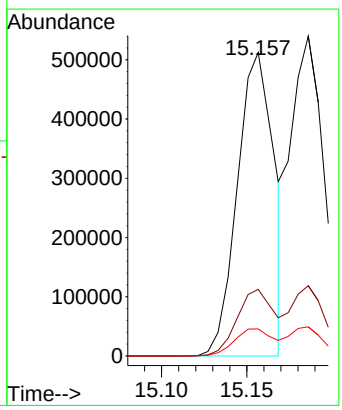


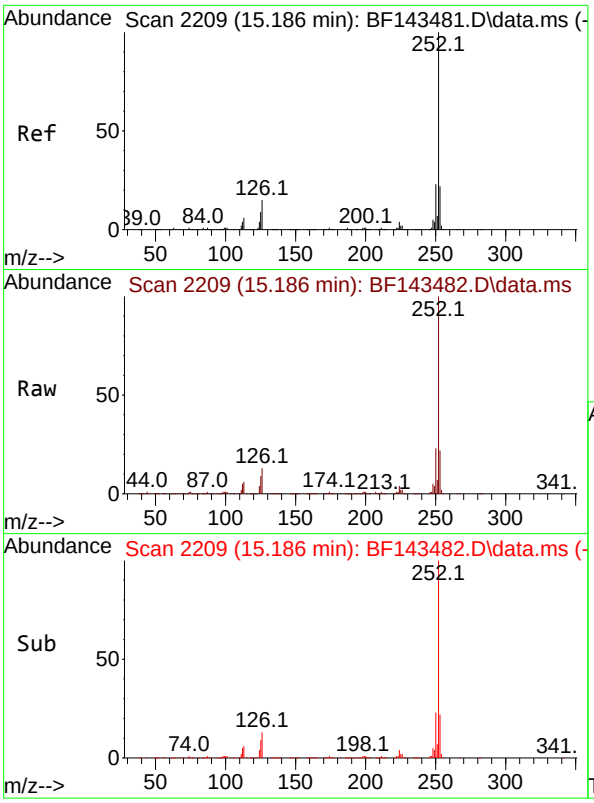


#88
Benzo(b)fluoranthene
Concen: 47.579 ng
RT: 15.157 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:252 Resp: 763584

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	8.9	7.4	11.0



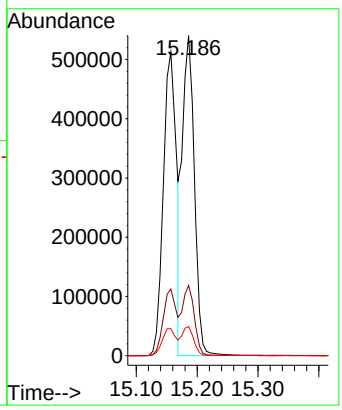


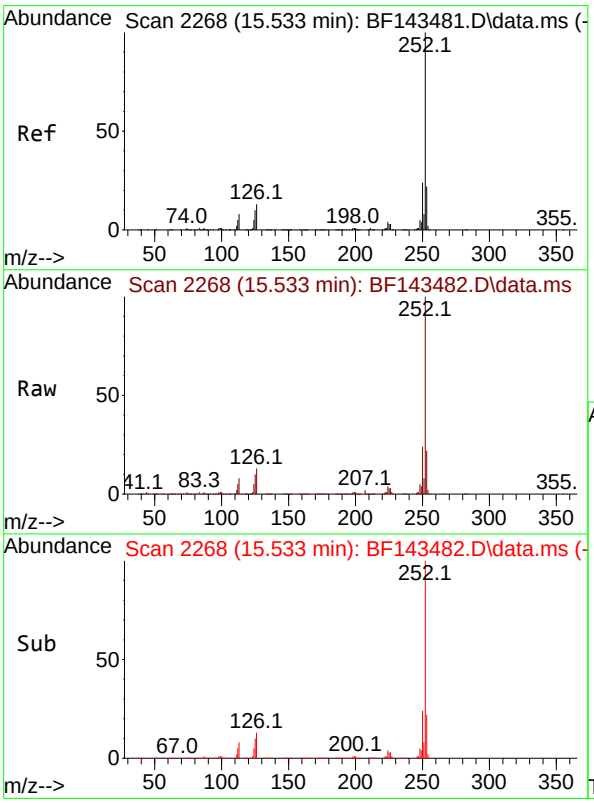
#89
Benzo(k)fluoranthene
Concen: 48.570 ng
RT: 15.186 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp: 746332

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	9.1	7.4	11.0

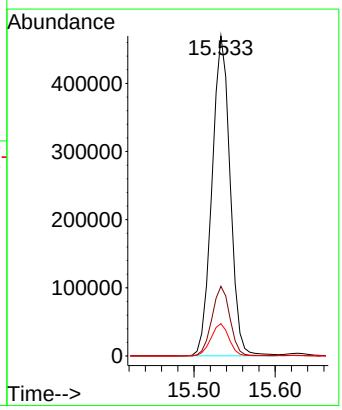


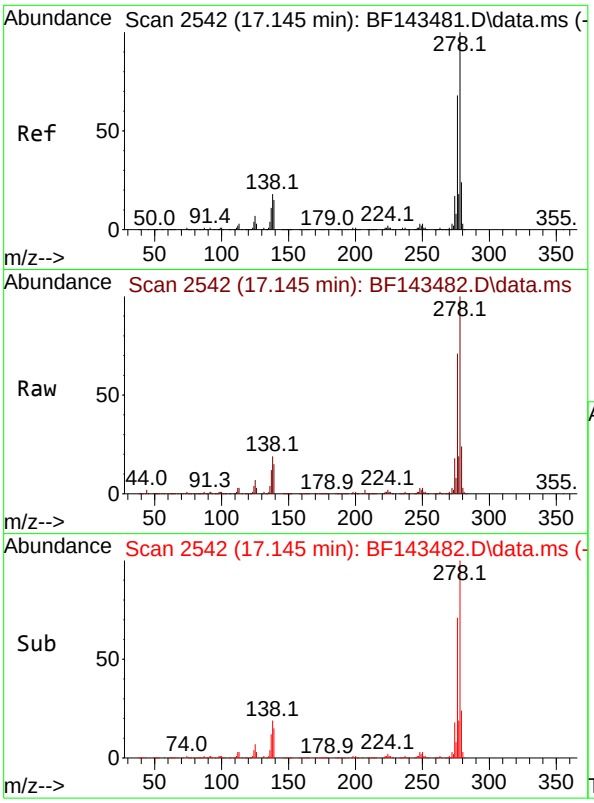


#90
Benzo(a)pyrene
Concen: 48.927 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:252 Resp: 728853

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	10.1	8.2	12.2



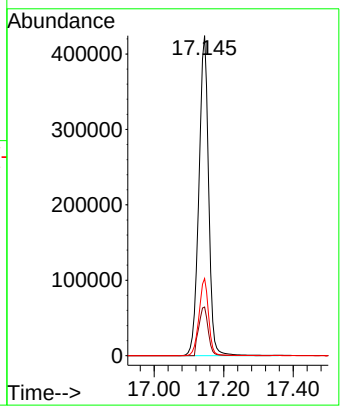


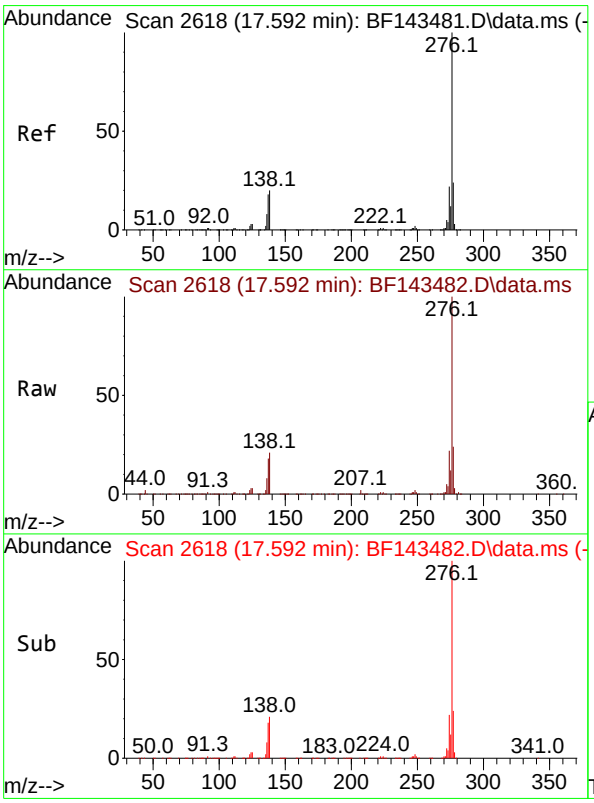
#91
Dibenzo(a,h)anthracene
Concen: 49.612 ng
RT: 17.145 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 824368

Ion	Ratio	Lower	Upper
278	100		
139	15.2	12.1	18.1
279	24.1	19.2	28.8

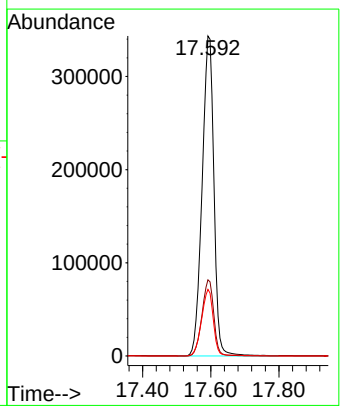




#92
Benzo(g,h,i)perylene
Concen: 50.042 ng
RT: 17.592 min Scan# 2618
Delta R.T. -0.012 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:276 Resp: 826803

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	20.8	16.3	24.5



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143483.D
Acq On : 20 Aug 2025 13:51
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Aug 20 16:23:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	125960	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	475666	20.000	ng		0.00
39) Acenaphthene-d10	9.969	164	254778	20.000	ng		0.00
64) Phenanthrene-d10	11.457	188	374631	20.000	ng		0.00
76) Chrysene-d12	14.098	240	227355	20.000	ng		0.00
86) Perylene-d12	15.592	264	280304	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	859036	119.087	ng		0.00
7) Phenol-d6	6.569	99	1045685	117.430	ng		0.00
23) Nitrobenzene-d5	7.492	82	970478	119.058	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	280822	118.410	ng		0.00
45) 2-Fluorobiphenyl	9.286	172	1690255	109.642	ng		0.00
79) Terphenyl-d14	13.039	244	1434829	110.129	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	204781	61.281	ng		99
3) Pyridine	3.522	79	558243	62.721	ng		99
4) n-Nitrosodimethylamine	3.469	42	251614	62.886	ng		97
6) Aniline	6.593	93	704213	59.165	ng	#	85
8) 2-Chlorophenol	6.722	128	479780	60.217	ng		98
9) Benzaldehyde	6.481	77	529696	73.472	ng		99
10) Phenol	6.587	94	601782	58.663	ng		87
11) bis(2-Chloroethyl)ether	6.663	93	461238	60.168	ng		98
12) 1,3-Dichlorobenzene	6.875	146	528623	59.050	ng		100
13) 1,4-Dichlorobenzene	6.945	146	532575	59.307	ng		99
14) 1,2-Dichlorobenzene	7.098	146	503841	59.261	ng		99
15) Benzyl Alcohol	7.075	79	411011	61.650	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	705931	57.560	ng		92
17) 2-Methylphenol	7.187	107	382072	59.749	ng		99
18) Hexachloroethane	7.445	117	184846	60.543	ng		94
19) n-Nitroso-di-n-propyla...	7.345	70	314244	57.737	ng		99
20) 3+4-Methylphenols	7.340	107	445057	58.302	ng		96
22) Acetophenone	7.340	105	584698	56.897	ng		100
24) Nitrobenzene	7.510	77	510499	60.850	ng		98
25) Isophorone	7.751	82	892536	59.733	ng		99
26) 2-Nitrophenol	7.828	139	256573	62.434	ng		98
27) 2,4-Dimethylphenol	7.863	122	378590	59.098	ng		99
28) bis(2-Chloroethoxy)met...	7.957	93	541094	58.925	ng		99
29) 2,4-Dichlorophenol	8.075	162	403885	59.031	ng		99
30) 1,2,4-Trichlorobenzene	8.151	180	414723	58.956	ng		99
31) Naphthalene	8.234	128	1314277	57.551	ng		100
32) Benzoic acid	7.998	122	232136	61.815	ng		98
33) 4-Chloroaniline	8.281	127	471374	58.156	ng		99
34) Hexachlorobutadiene	8.351	225	270626	58.968	ng		99
35) Caprolactam	8.663	113	99502	60.607	ng		99
36) 4-Chloro-3-methylphenol	8.763	107	404673	59.020	ng		100
37) 2-Methylnaphthalene	8.922	142	869902	57.034	ng		100
38) 1-Methylnaphthalene	9.022	142	828346	56.776	ng		100
40) 1,2,4,5-Tetrachloroben...	9.092	216	421909	57.894	ng		99
41) Hexachlorocyclopentadiene	9.081	237	172625	62.497	ng		100
43) 2,4,6-Trichlorophenol	9.204	196	275502	61.437	ng		100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143483.D
Acq On : 20 Aug 2025 13:51
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Aug 20 16:23:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.251	196	295585	60.345	ng	98
46)	1,1'-Biphenyl	9.386	154	1031320	57.031	ng	100
47)	2-Chloronaphthalene	9.416	162	816474	57.544	ng	99
48)	2-Nitroaniline	9.510	65	252618	60.835	ng	95
49)	Acenaphthylene	9.828	152	1171986	57.687	ng	100
50)	Dimethylphthalate	9.681	163	898362	58.546	ng	100
51)	2,6-Dinitrotoluene	9.745	165	196694	61.849	ng	98
52)	Acenaphthene	10.004	154	798226	57.868	ng	100
53)	3-Nitroaniline	9.916	138	207068	60.257	ng	99
54)	2,4-Dinitrophenol	10.028	184	105073	62.986	ng	98
55)	Dibenzofuran	10.175	168	1110414	56.463	ng	99
56)	4-Nitrophenol	10.086	139	131356	64.242	ng	97
57)	2,4-Dinitrotoluene	10.151	165	263001	61.935	ng	99
58)	Fluorene	10.516	166	842185	55.641	ng	100
59)	2,3,4,6-Tetrachlorophenol	10.292	232	226735	62.306	ng	99
60)	Diethylphthalate	10.381	149	791582	57.538	ng	100
61)	4-Chlorophenyl-phenyle...	10.504	204	433351	57.247	ng	99
62)	4-Nitroaniline	10.533	138	189435	60.015	ng	98
63)	Azobenzene	10.669	77	815353	57.158	ng	98
65)	4,6-Dinitro-2-methylph...	10.563	198	139830	66.197	ng	95
66)	n-Nitrosodiphenylamine	10.622	169	714577	59.270	ng	99
67)	4-Bromophenyl-phenylether	10.998	248	270225	60.454	ng	100
68)	Hexachlorobenzene	11.069	284	288119	59.797	ng	99
69)	Atrazine	11.145	200	195334	62.765	ng	99
70)	Pentachlorophenol	11.263	266	146959	66.597	ng	99
71)	Phenanthrene	11.480	178	1160860	57.863	ng	100
72)	Anthracene	11.533	178	1164449	57.295	ng	100
73)	Carbazole	11.686	167	967633	58.105	ng	99
74)	Di-n-butylphthalate	12.010	149	963249	62.003	ng	99
75)	Fluoranthene	12.669	202	1037239	57.619	ng	100
77)	Benzidine	12.786	184	250962	45.316	ng	99
78)	Pyrene	12.898	202	1030970	55.127	ng	99
80)	Butylbenzylphthalate	13.510	149	347496	68.017	ng	99
81)	Benzo(a)anthracene	14.086	228	897535	61.318	ng	99
82)	3,3'-Dichlorobenzidine	14.045	252	257059	61.324	ng	97
83)	Chrysene	14.127	228	767443	58.342	ng	100
84)	Bis(2-ethylhexyl)phtha...	14.069	149	523115	67.227	ng	99
85)	Di-n-octyl phthalate	14.680	149	963857	66.864	ng	100
87)	Indeno(1,2,3-cd)pyrene	17.133	276	1232879	61.208	ng	100
88)	Benzo(b)fluoranthene	15.157	252	897808	57.622	ng	99
89)	Benzo(k)fluoranthene	15.186	252	928660	62.250	ng	100
90)	Benzo(a)pyrene	15.533	252	876864	60.630	ng	99
91)	Dibenzo(a,h)anthracene	17.145	278	982366	60.896	ng	99
92)	Benzo(g,h,i)perylene	17.598	276	985608	61.444	ng	100

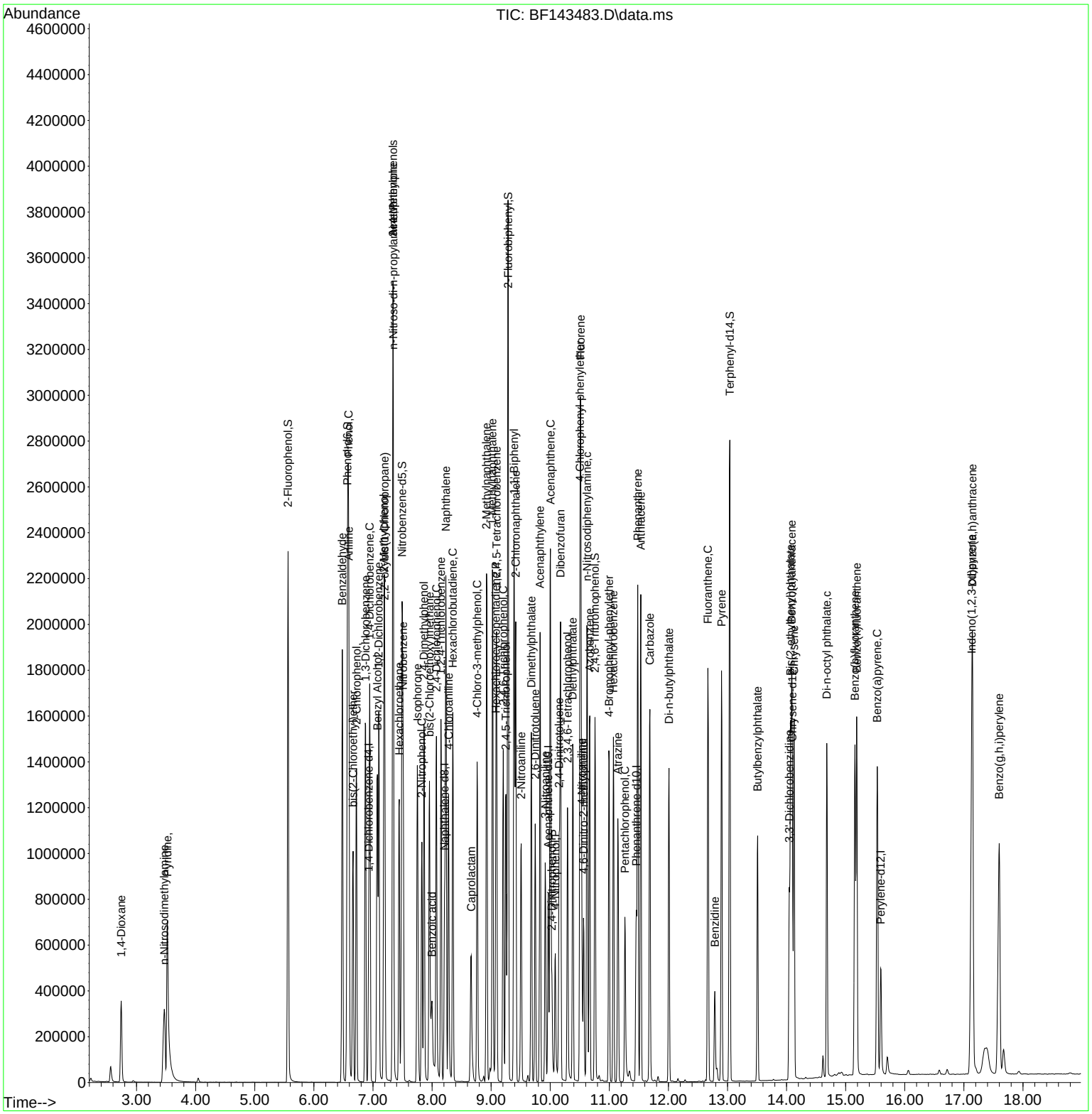
(#) = qualifier out of range (m) = manual integration (+) = signals summed

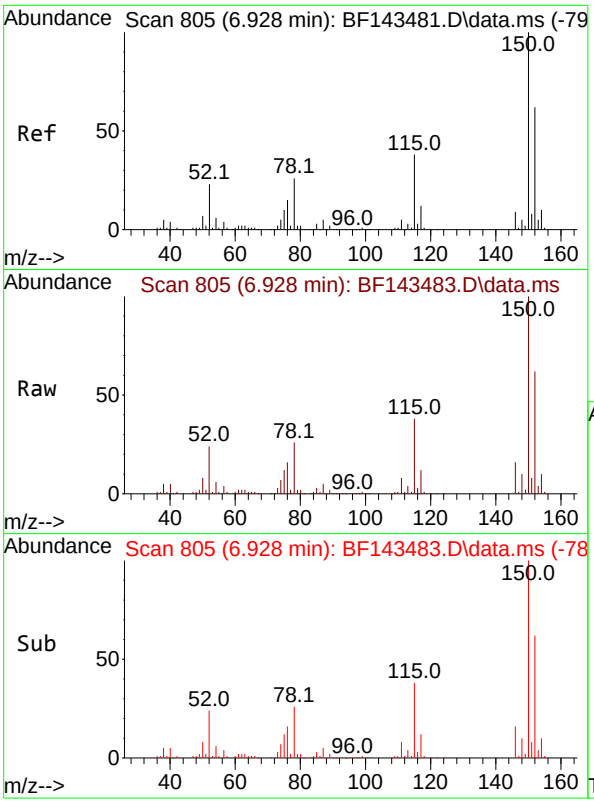
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143483.D
Acq On : 20 Aug 2025 13:51
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Aug 20 16:23:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration



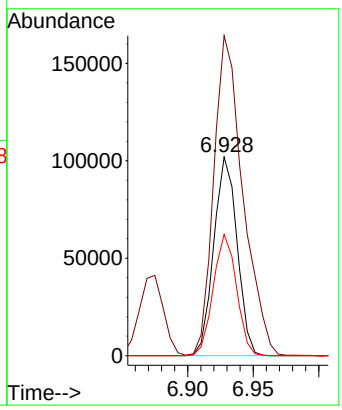


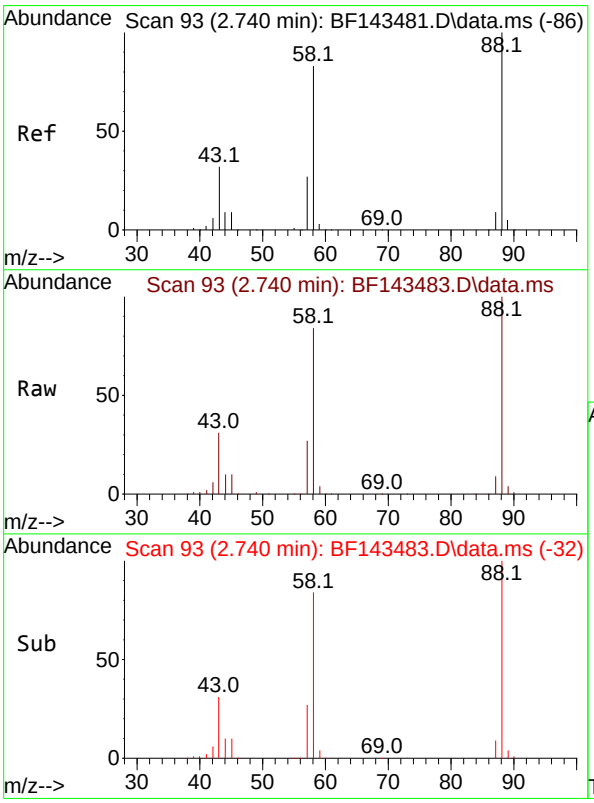
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 125960

Ion	Ratio	Lower	Upper
152	100		
150	161.2	128.9	193.3
115	61.1	49.2	73.8

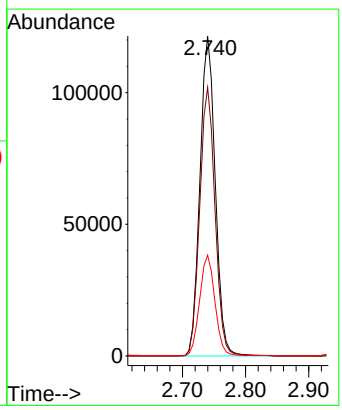


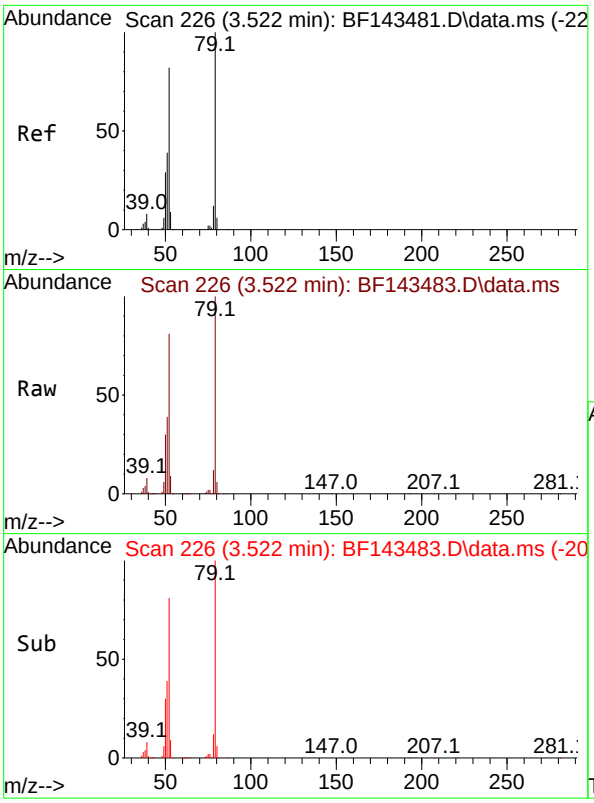


#2
1,4-Dioxane
Concen: 61.281 ng
RT: 2.740 min Scan# 93
Delta R.T. 0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion: 88 Resp: 204781

Ion	Ratio	Lower	Upper
88	100		
58	84.0	66.7	100.1
43	31.8	25.8	38.8



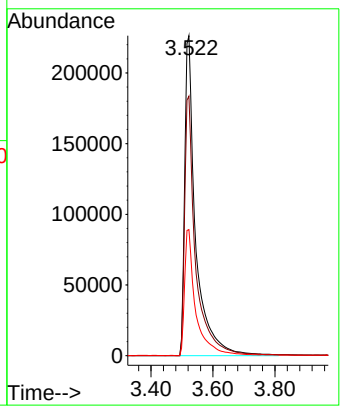


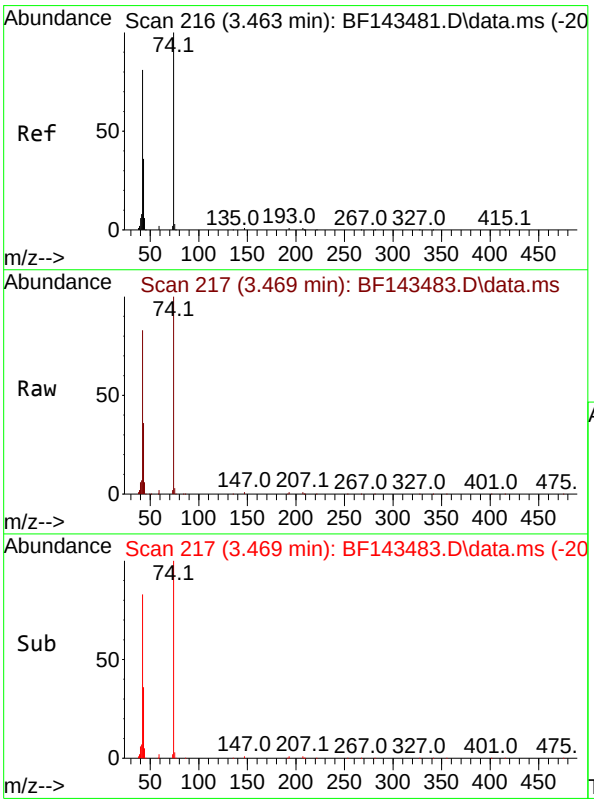
#3
Pyridine
Concen: 62.721 ng
RT: 3.522 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 558243

Ion	Ratio	Lower	Upper
79	100		
52	81.1	65.6	98.4
51	39.4	31.2	46.8

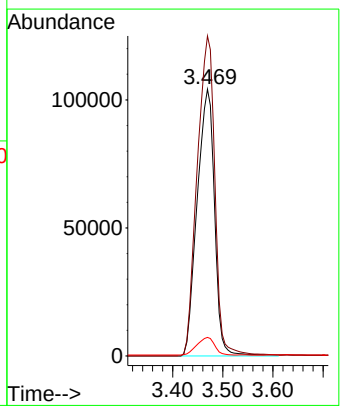


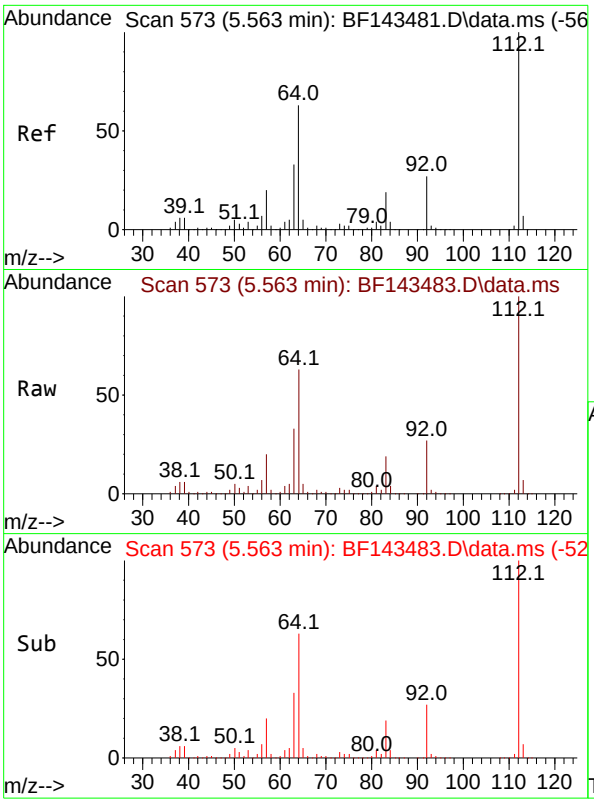


#4
n-Nitrosodimethylamine
Concen: 62.886 ng
RT: 3.469 min Scan# 217
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion: 42 Resp: 251614

Ion	Ratio	Lower	Upper
42	100		
74	120.0	98.6	148.0
44	7.0	5.8	8.8



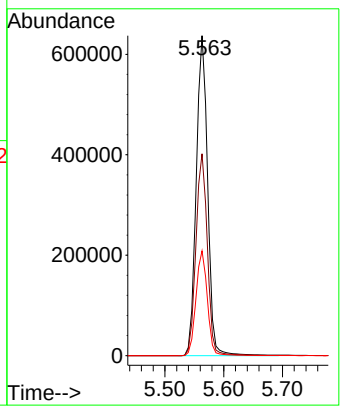


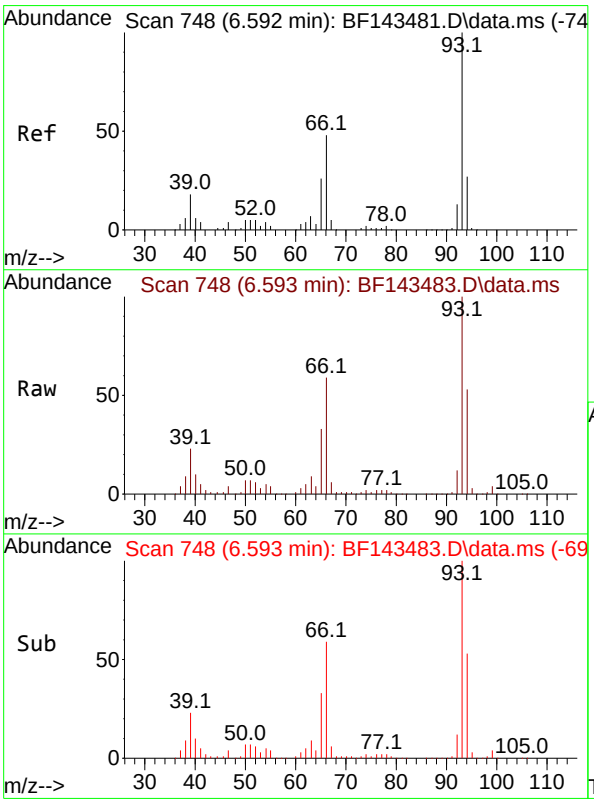
#5
2-Fluorophenol
Concen: 119.087 ng
RT: 5.563 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 859036

Ion	Ratio	Lower	Upper
112	100		
64	63.1	50.4	75.6
63	32.8	26.4	39.6

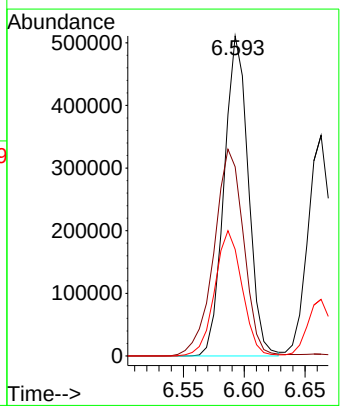


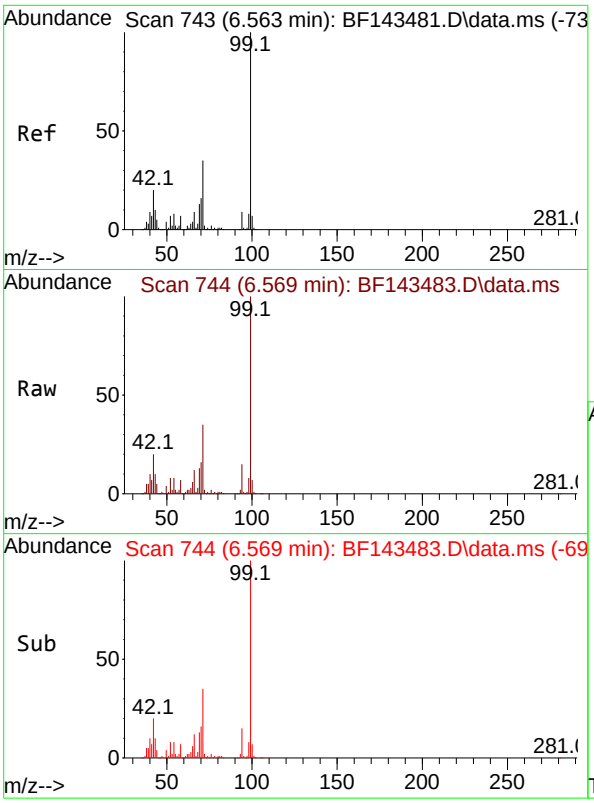


#6
Aniline
Concen: 59.165 ng
RT: 6.593 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion: 93 Resp: 704213

Ion	Ratio	Lower	Upper
93	100		
66	59.1	38.9	58.3#
65	33.3	20.6	30.8#



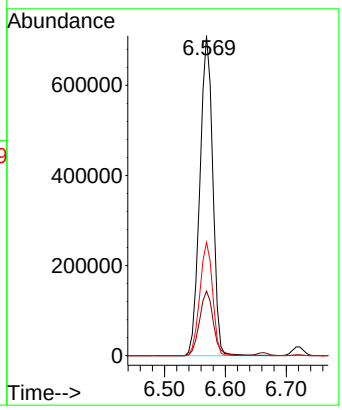


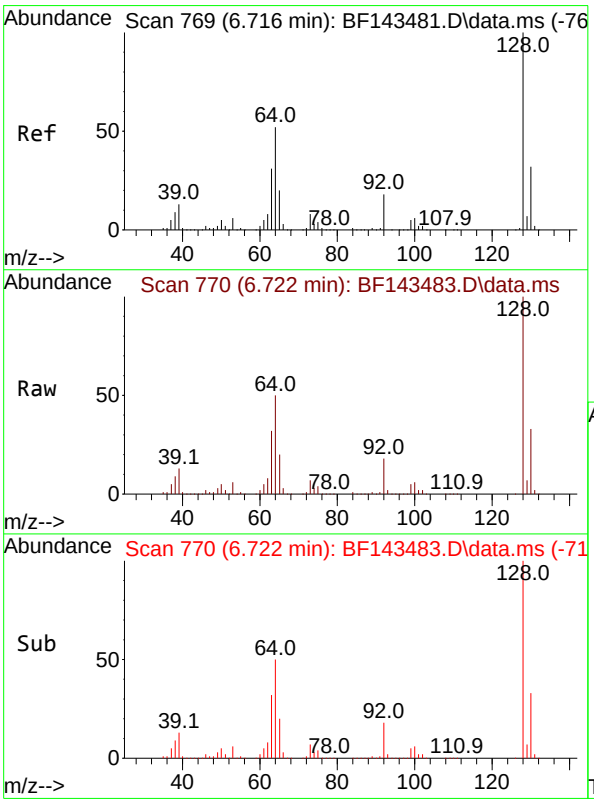
#7
Phenol-d6
Concen: 117.430 ng
RT: 6.569 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 1045685

Ion	Ratio	Lower	Upper
99	100		
42	20.2	16.3	24.5
71	35.4	28.2	42.2

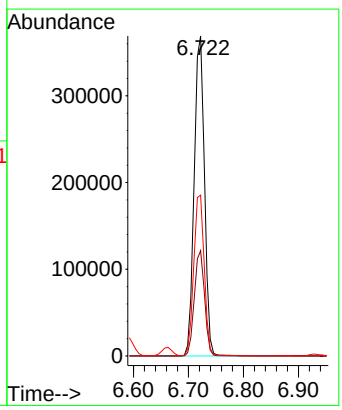


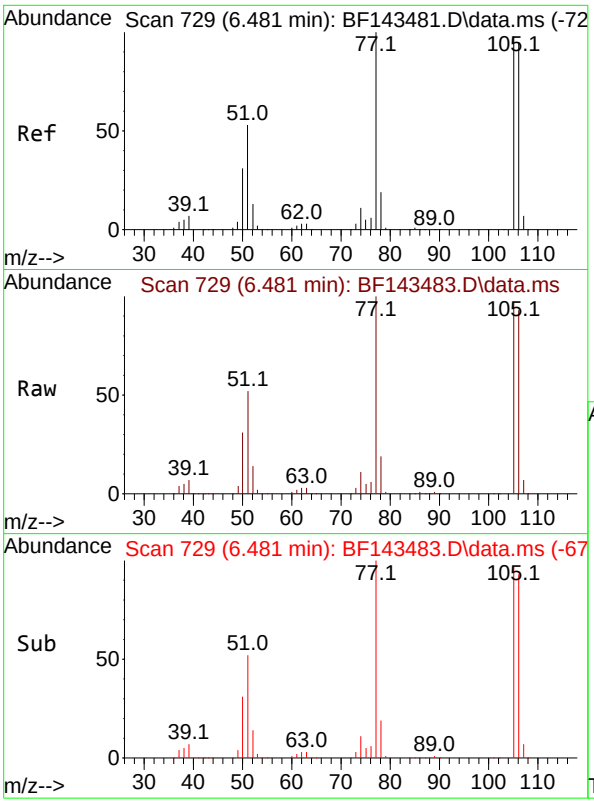


#8
2-Chlorophenol
Concen: 60.217 ng
RT: 6.722 min Scan# 770
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:128 Resp: 479780

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.4	52.4
64	50.3	31.6	71.6



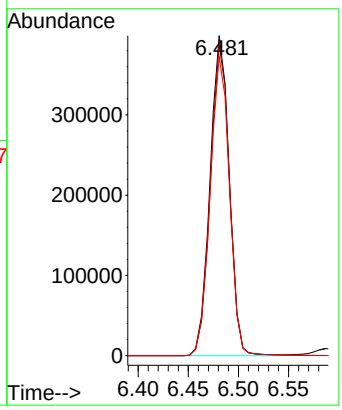


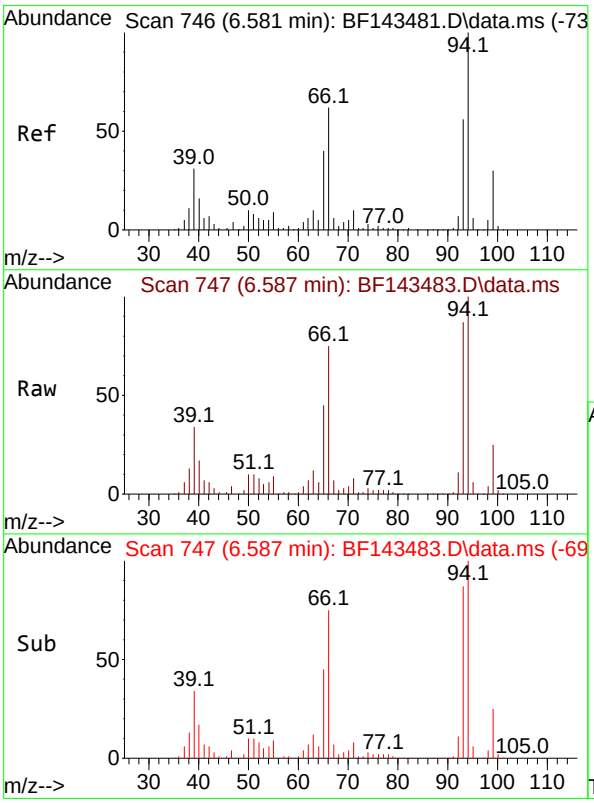
#9
Benzaldehyde
Concen: 73.472 ng
RT: 6.481 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 529696

Ion	Ratio	Lower	Upper
77	100		
105	97.0	78.1	118.1
106	93.4	74.9	114.9

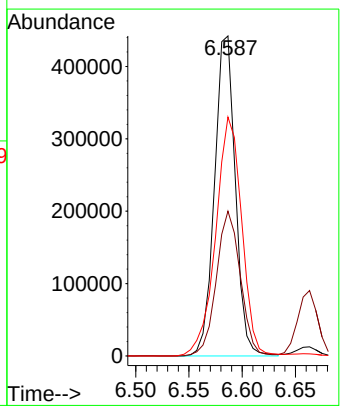


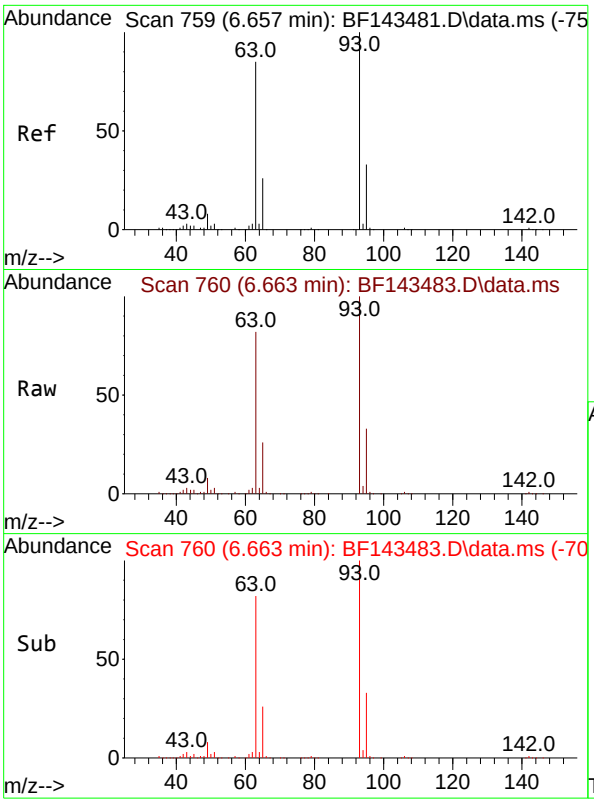


#10
Phenol
Concen: 58.663 ng
RT: 6.587 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion: 94 Resp: 601782

Ion	Ratio	Lower	Upper
94	100		
65	45.3	19.5	59.5
66	74.7	42.5	82.5



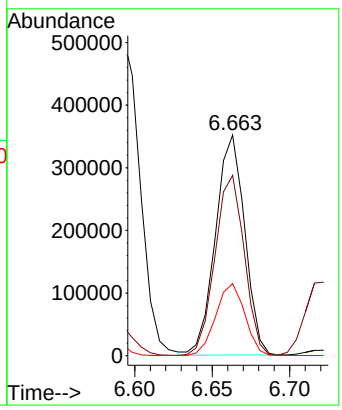


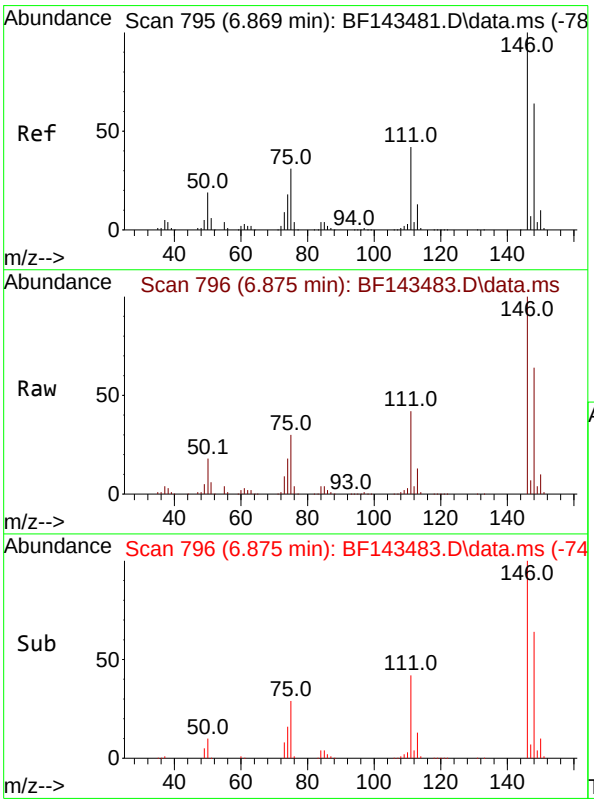
#11
bis(2-Chloroethyl)ether
Concen: 60.168 ng
RT: 6.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 461238

Ion	Ratio	Lower	Upper
93	100		
63	81.7	63.6	103.6
95	32.7	12.8	52.8

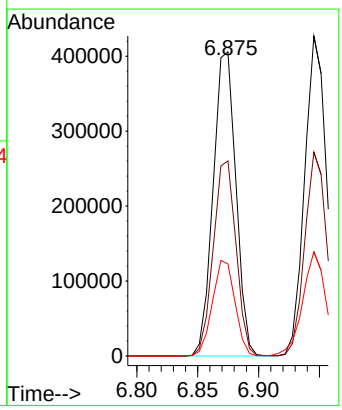


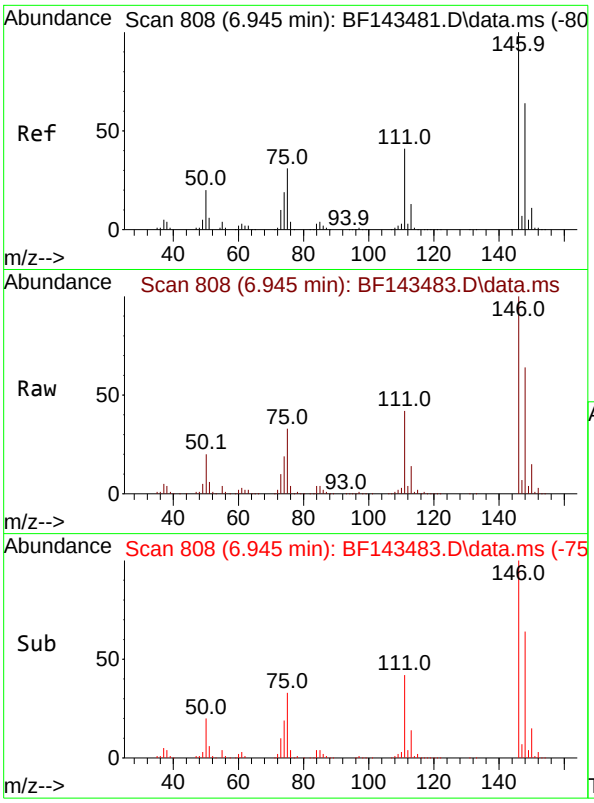


#12
1,3-Dichlorobenzene
Concen: 59.050 ng
RT: 6.875 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:146 Resp: 528623

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.3	76.9
75	30.3	24.7	37.1



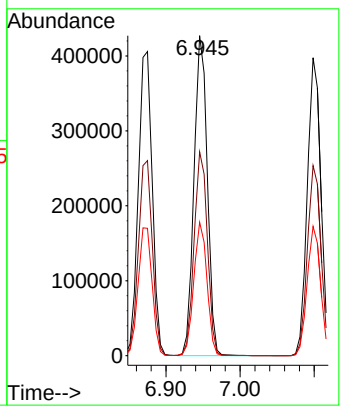


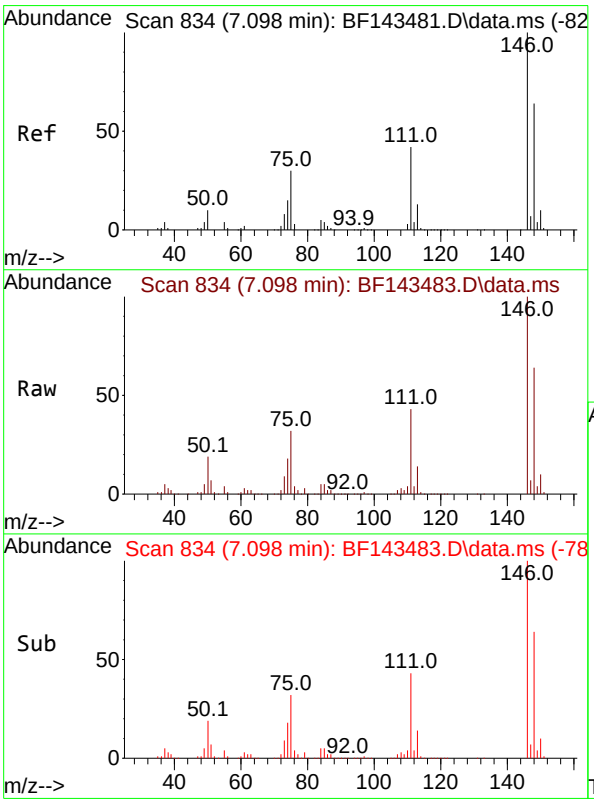
#13
1,4-Dichlorobenzene
Concen: 59.307 ng
RT: 6.945 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 532575

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.5	77.3
111	41.7	32.6	49.0

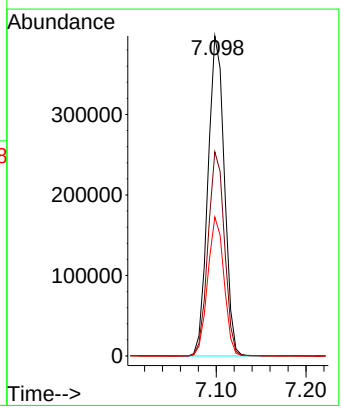


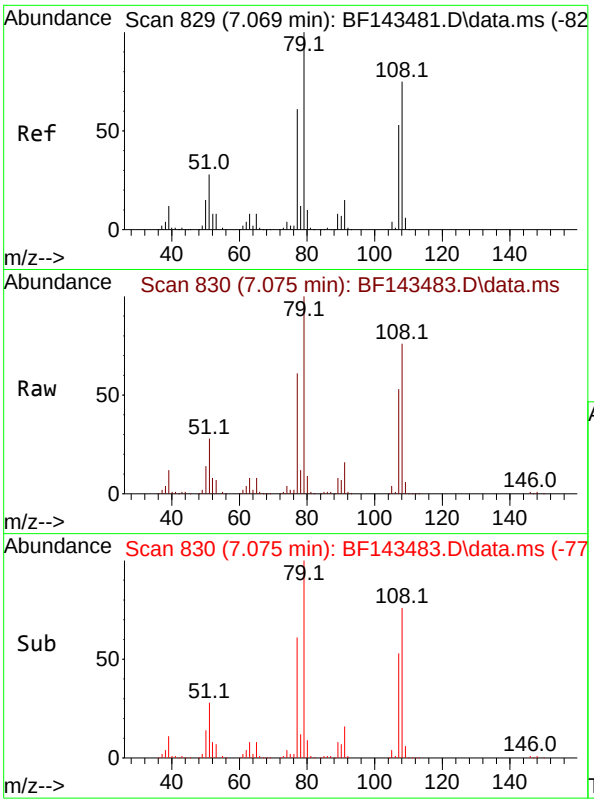


#14
1,2-Dichlorobenzene
Concen: 59.261 ng
RT: 7.098 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:146 Resp: 503841

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.6
111	43.4	34.0	51.0



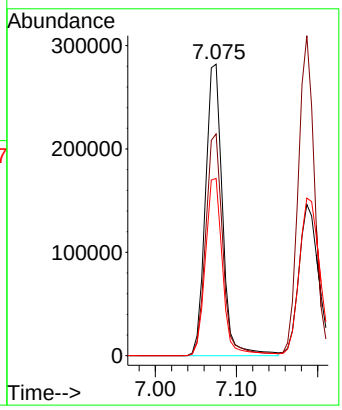


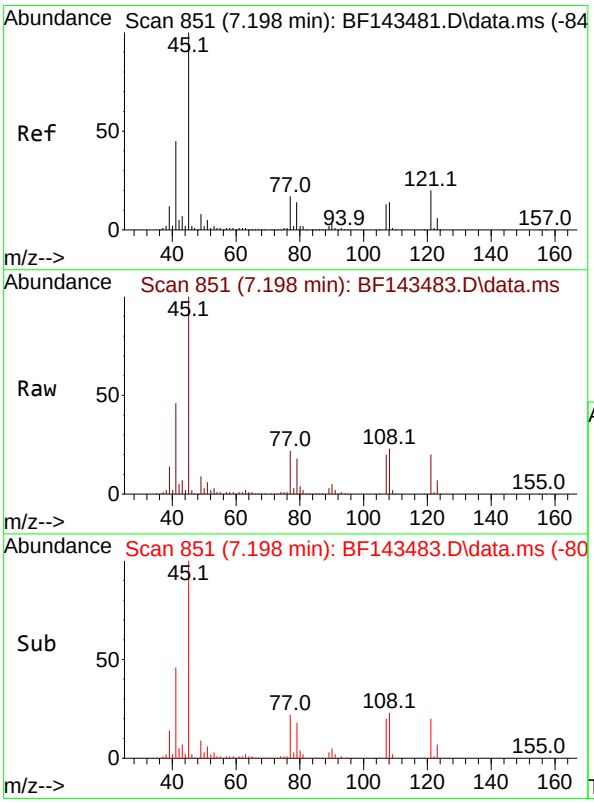
#15
Benzyl Alcohol
Concen: 61.650 ng
RT: 7.075 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 411011

Ion	Ratio	Lower	Upper
79	100		
108	76.1	59.8	89.6
77	60.8	49.0	73.4

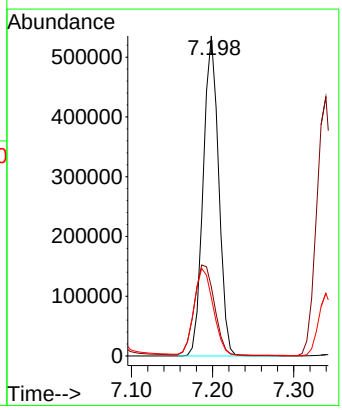


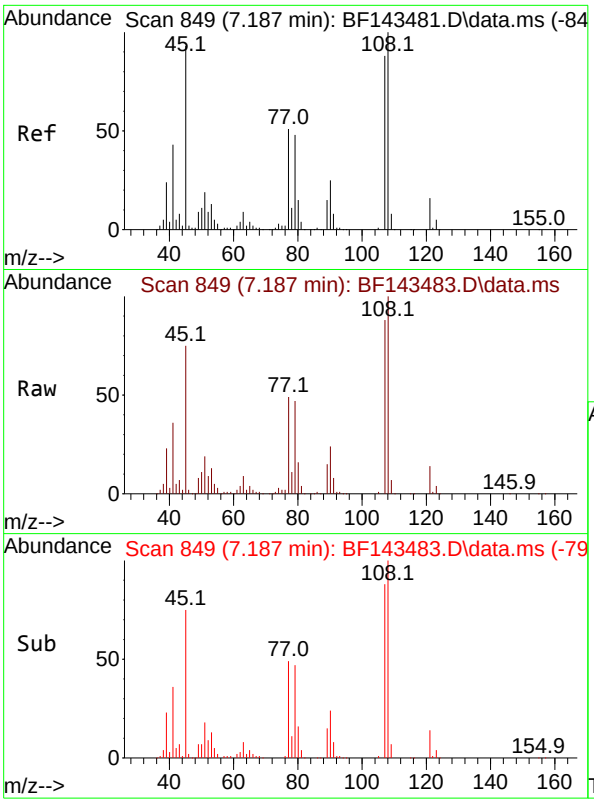


#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.560 ng
RT: 7.198 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion: 45 Resp: 705931

Ion	Ratio	Lower	Upper
45	100		
77	21.6	0.0	37.9
79	18.2	0.0	34.7



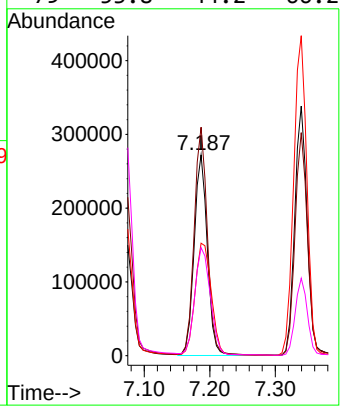


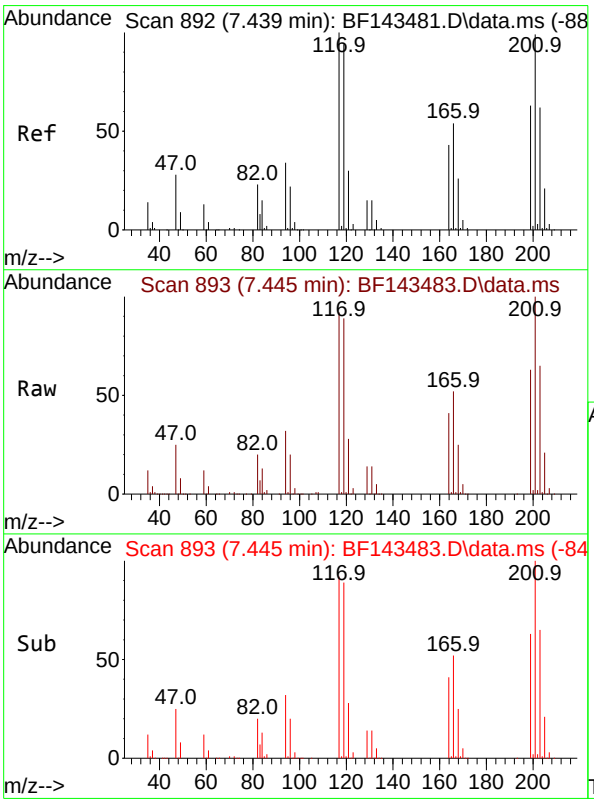
#17
2-Methylphenol
Concen: 59.749 ng
RT: 7.187 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 382072

Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.1	136.7
77	56.0	46.2	69.4
79	53.8	44.2	66.2

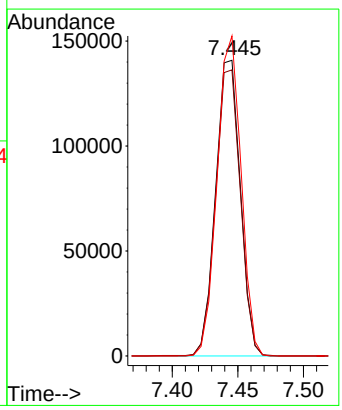


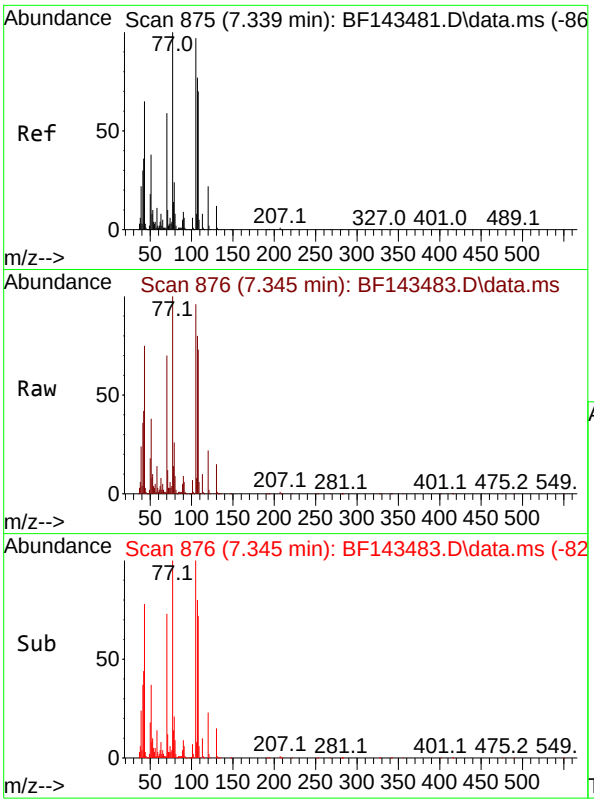


#18
Hexachloroethane
Concen: 60.543 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:117 Resp: 184846

Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.4	113.0
201	108.2	79.0	118.4



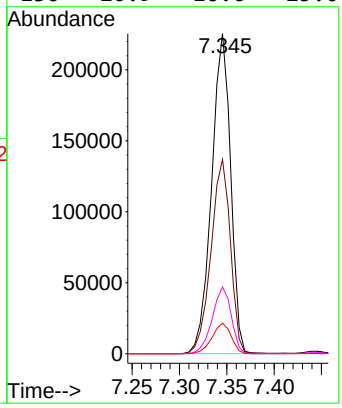


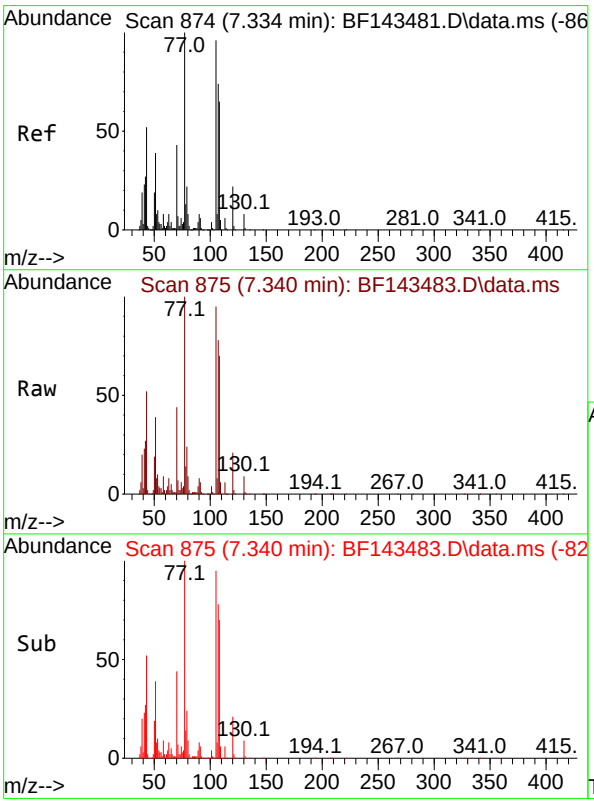
#19
n-Nitroso-di-n-propylamine
Concen: 57.737 ng
RT: 7.345 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 314244

Ion	Ratio	Lower	Upper
70	100		
42	60.7	49.3	73.9
101	9.6	7.8	11.8
130	20.9	16.6	25.0

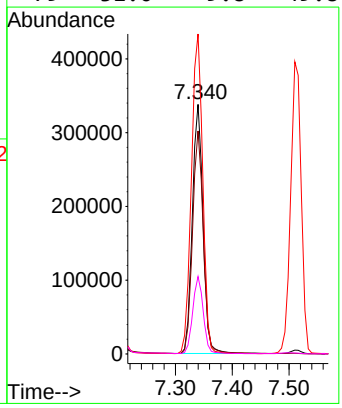


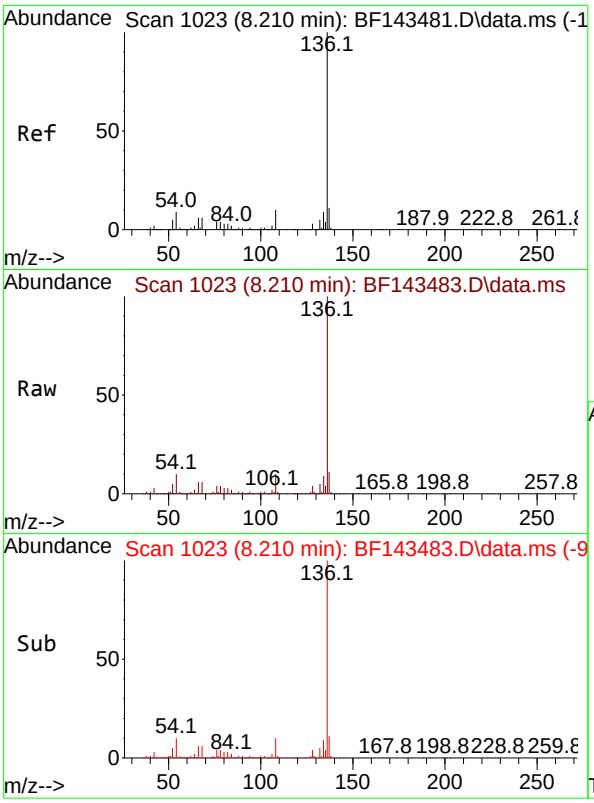


#20
3+4-Methylphenols
Concen: 58.302 ng
RT: 7.340 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:107 Resp: 445057

Ion	Ratio	Lower	Upper
107	100		
108	89.4	68.4	108.4
77	128.2	116.1	156.1
79	31.0	9.8	49.8



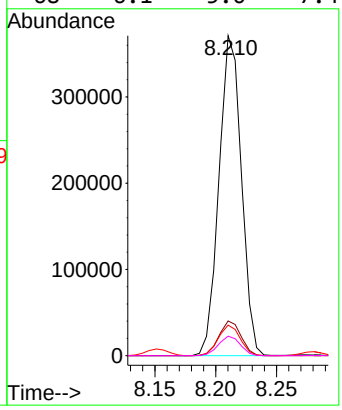


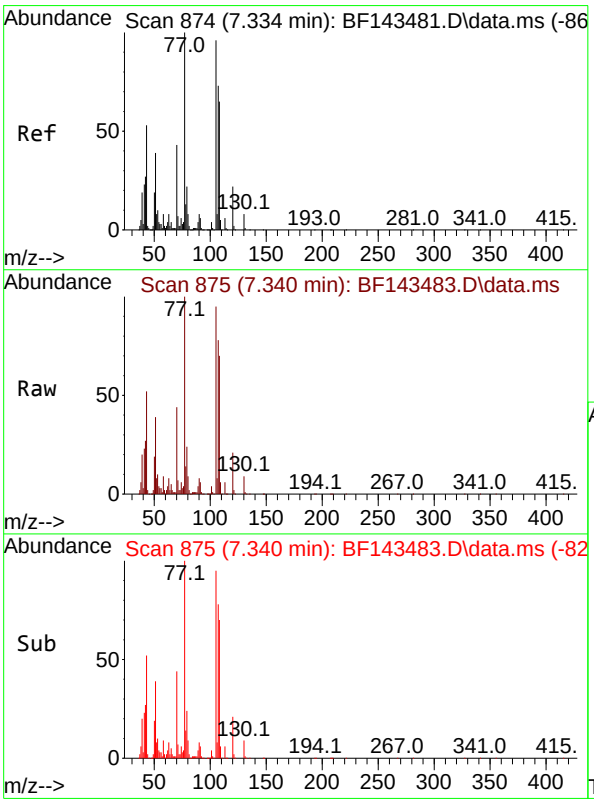
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 475666

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	9.6	7.4	11.2
68	6.1	5.0	7.4

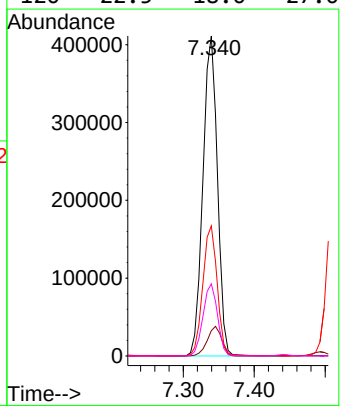


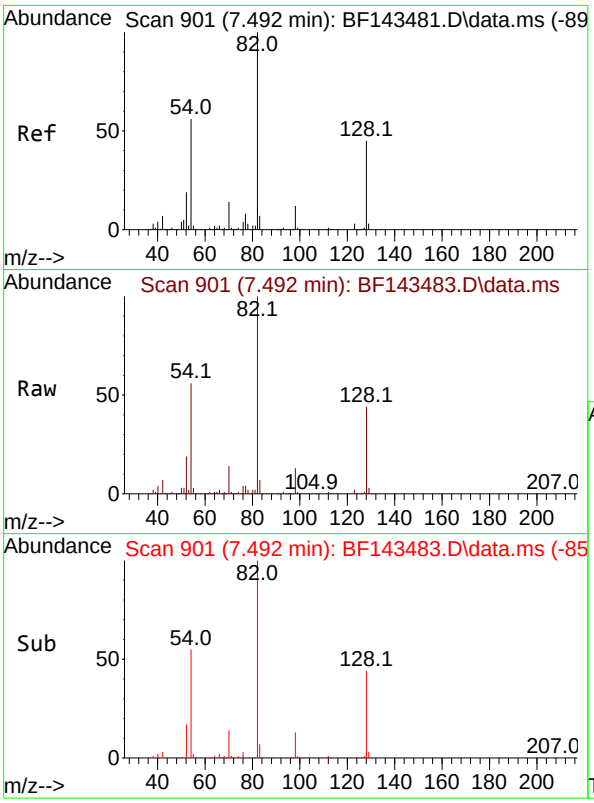


#22
Acetophenone
Concen: 56.897 ng
RT: 7.340 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:105 Resp: 584698

Ion	Ratio	Lower	Upper
105	100		
71	7.9	5.9	8.9
51	40.6	32.5	48.7
120	22.5	18.0	27.0



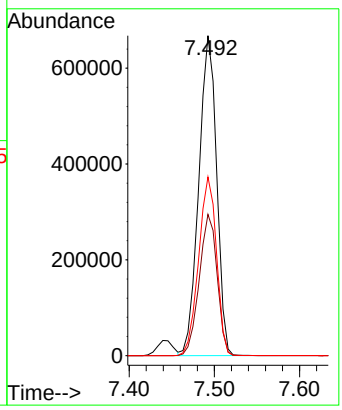


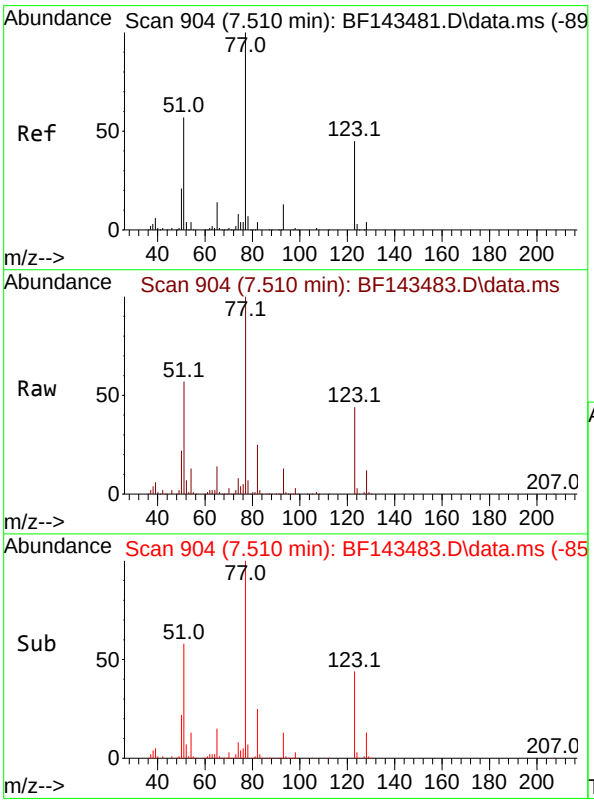
#23
Nitrobenzene-d5
Concen: 119.058 ng
RT: 7.492 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 970478

Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.5	53.3
54	55.9	44.3	66.5

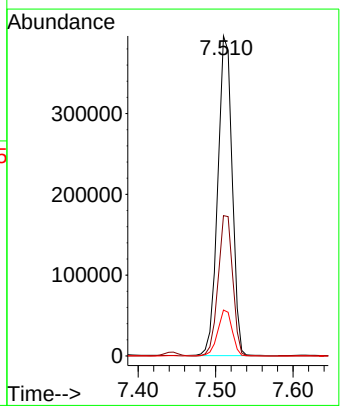


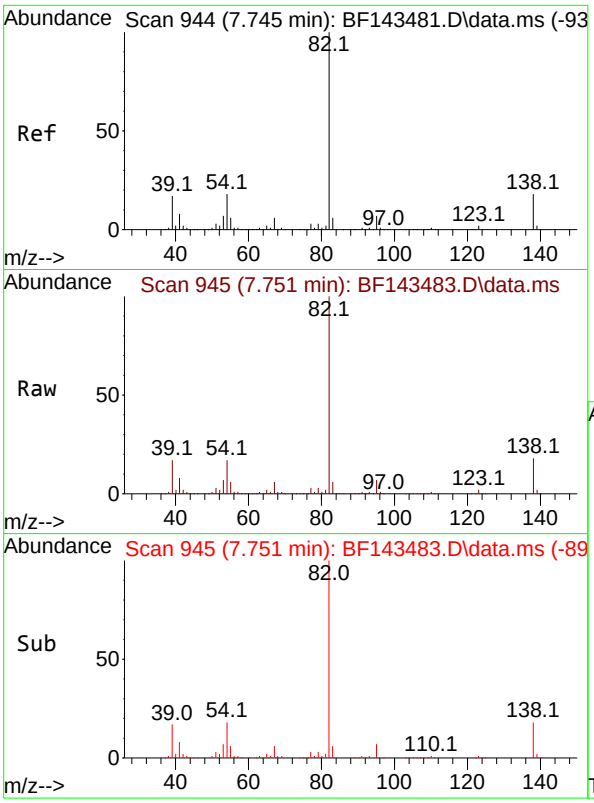


#24
Nitrobenzene
Concen: 60.850 ng
RT: 7.510 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion: 77 Resp: 510499

Ion	Ratio	Lower	Upper
77	100		
123	43.9	36.1	54.1
65	14.4	11.0	16.6



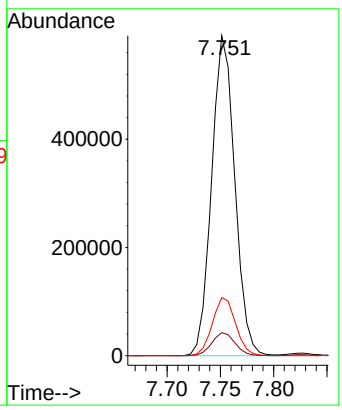


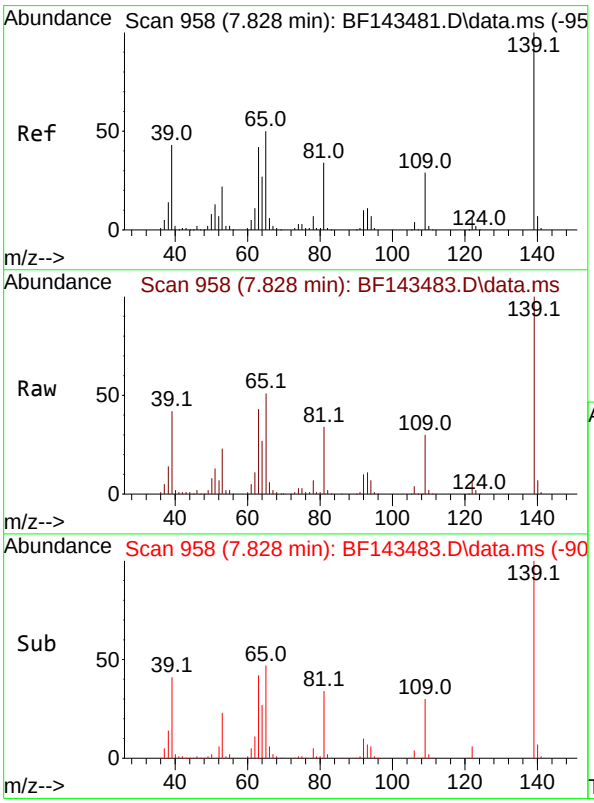
#25
Isophorone
Concen: 59.733 ng
RT: 7.751 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 892536

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.8
138	18.1	14.2	21.4

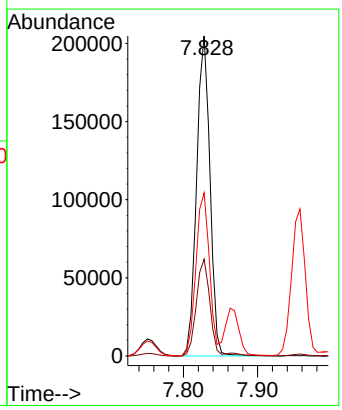


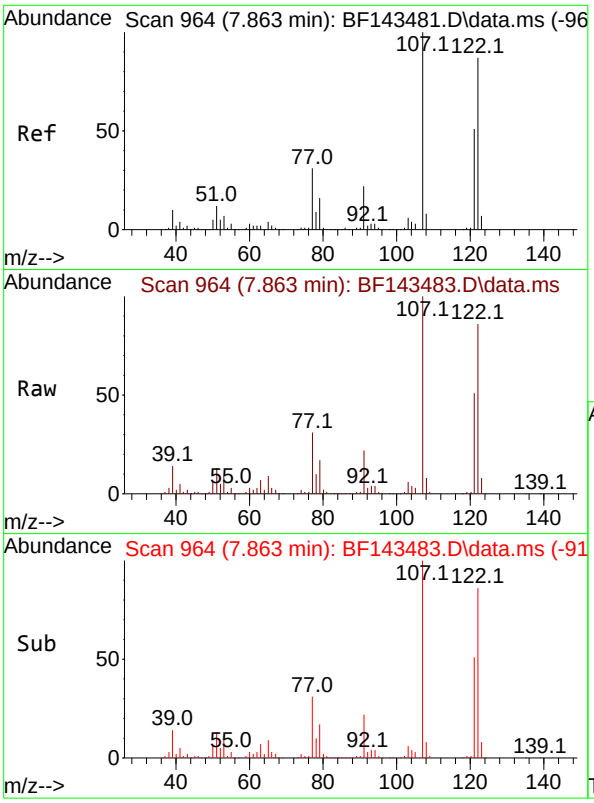


#26
2-Nitrophenol
Concen: 62.434 ng
RT: 7.828 min Scan# 958
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:139 Resp: 256573

Ion	Ratio	Lower	Upper
139	100		
109	30.3	23.0	34.6
65	51.0	40.3	60.5



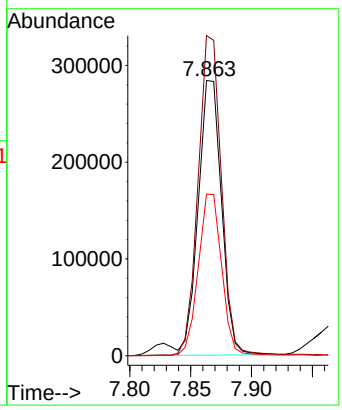


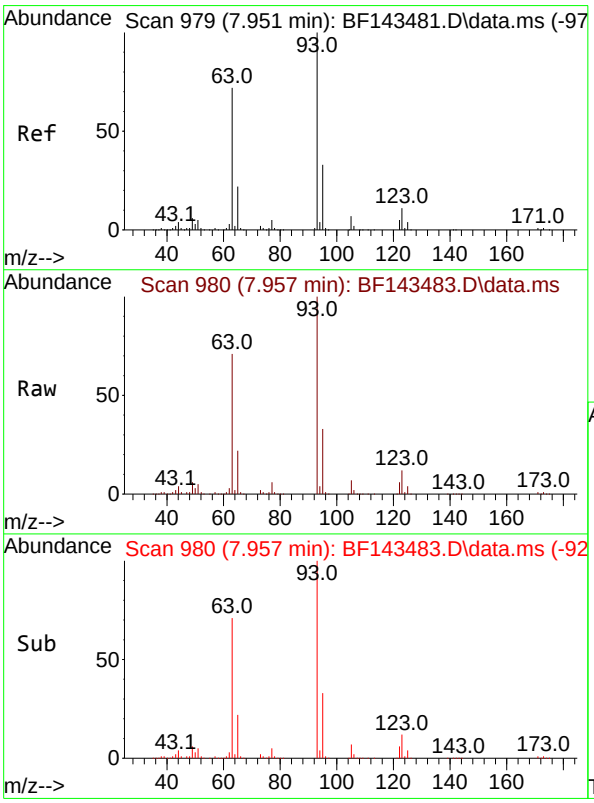
#27
2,4-Dimethylphenol
Concen: 59.098 ng
RT: 7.863 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 378590

Ion	Ratio	Lower	Upper
122	100		
107	116.3	91.5	137.3
121	58.7	47.0	70.4

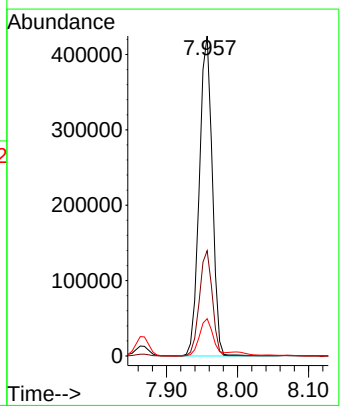


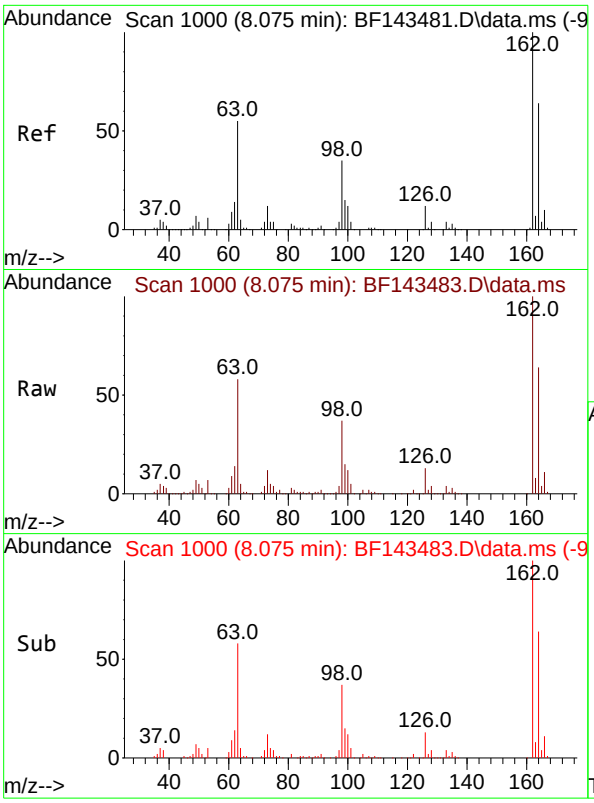


#28
bis(2-Chloroethoxy)methane
Concen: 58.925 ng
RT: 7.957 min Scan# 980
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion: 93 Resp: 541094

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.0	39.0
123	11.7	9.1	13.7



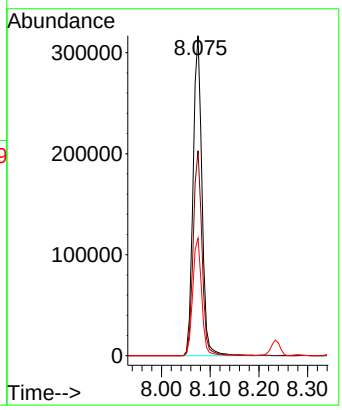


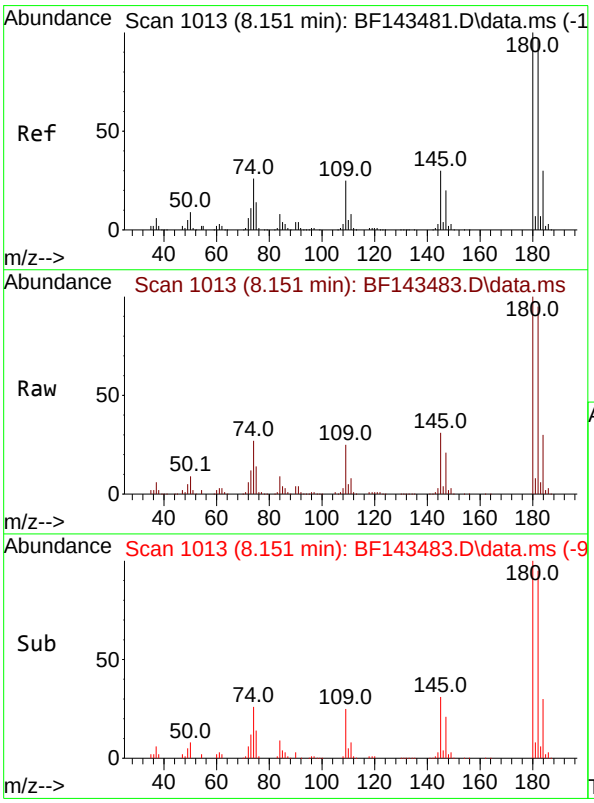
#29
2,4-Dichlorophenol
Concen: 59.031 ng
RT: 8.075 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 403885

Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.5	83.5
98	36.7	15.1	55.1

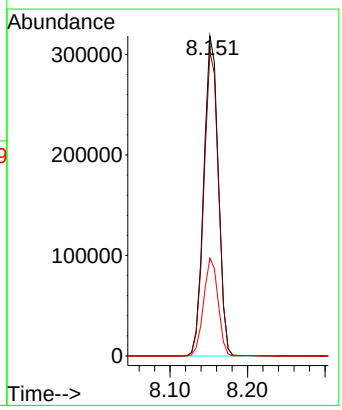


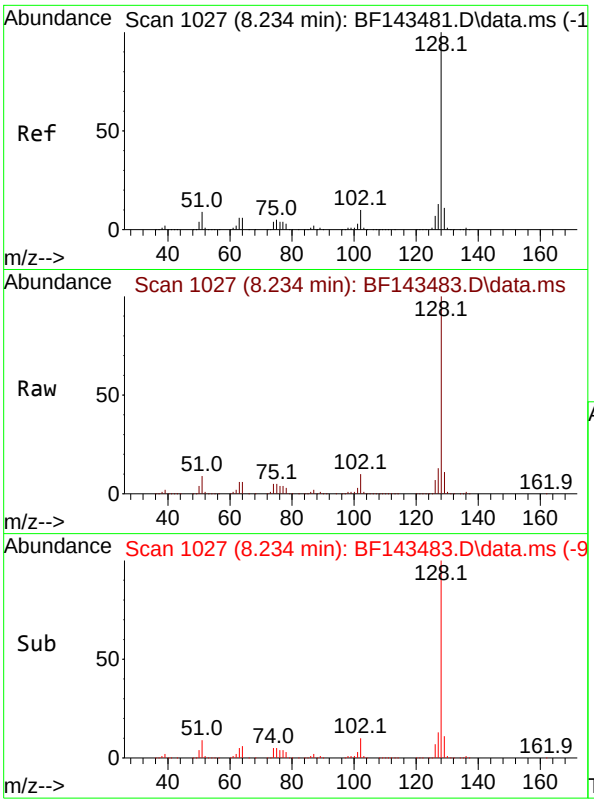


#30
1,2,4-Trichlorobenzene
Concen: 58.956 ng
RT: 8.151 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:180 Resp: 414723

Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.6	114.8
145	30.6	24.3	36.5



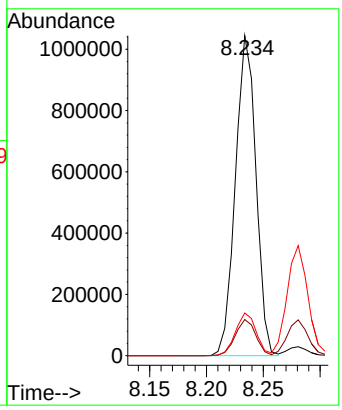


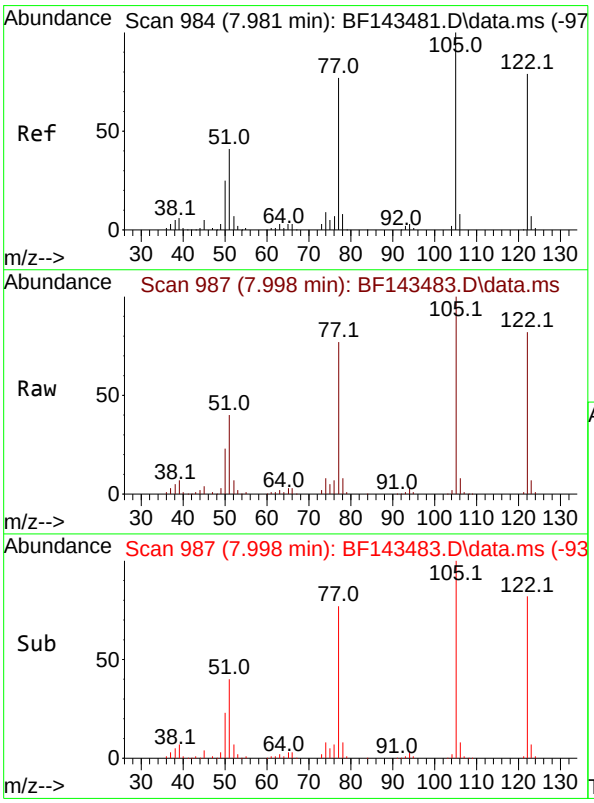
#31
Naphthalene
Concen: 57.551 ng
RT: 8.234 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 1314277

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.4	10.6	16.0

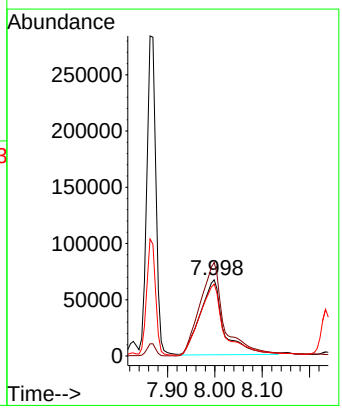


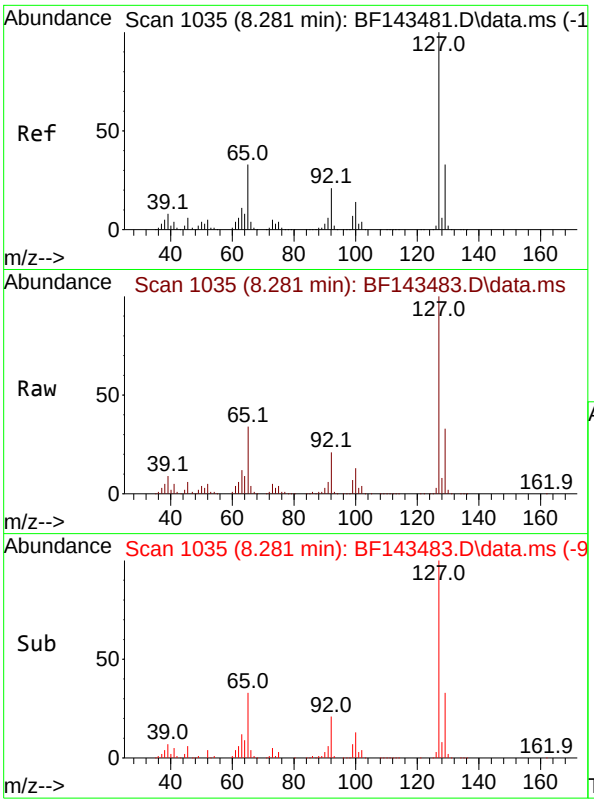


#32
Benzoic acid
Concen: 61.815 ng
RT: 7.998 min Scan# 987
Delta R.T. -0.012 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:122 Resp: 232136

Ion	Ratio	Lower	Upper
122	100		
105	122.6	104.7	144.7
77	94.3	77.3	117.3



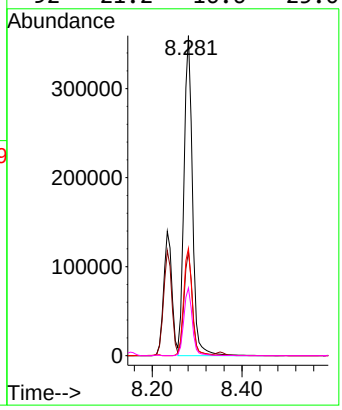


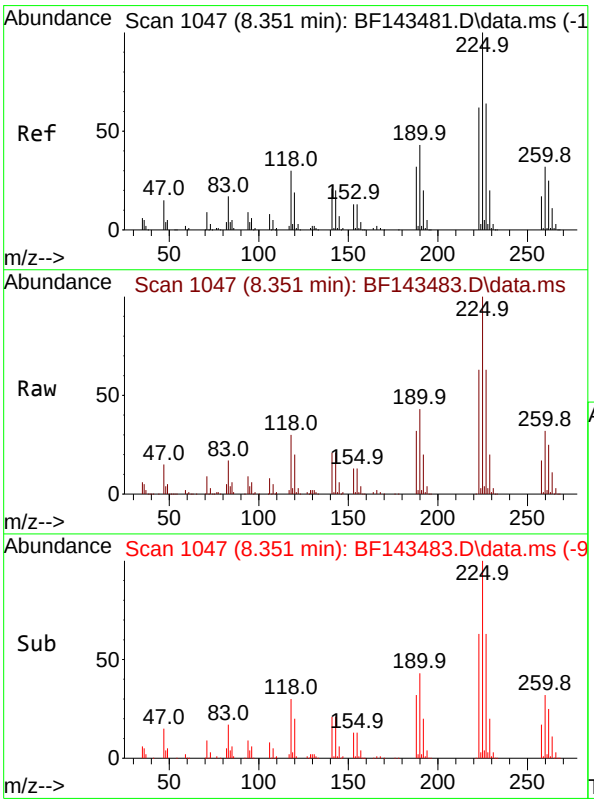
#33
4-Chloroaniline
Concen: 58.156 ng
RT: 8.281 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 471374

Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	33.6	26.2	39.2
92	21.2	16.6	25.0

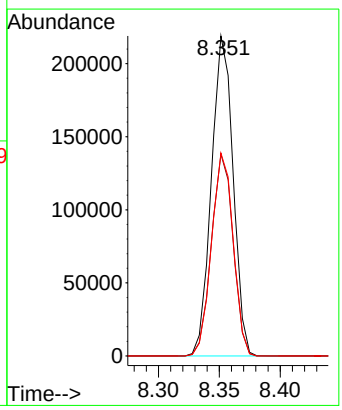


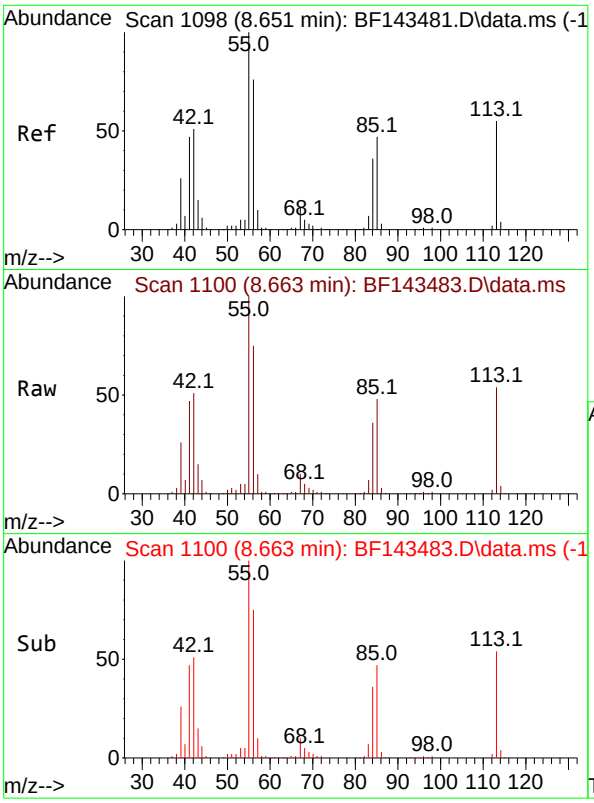


#34
Hexachlorobutadiene
Concen: 58.968 ng
RT: 8.351 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:225 Resp: 270626

Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.9	74.9
227	63.4	50.9	76.3



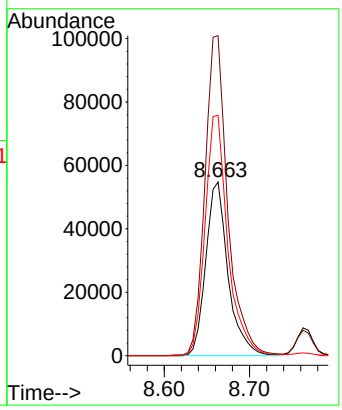


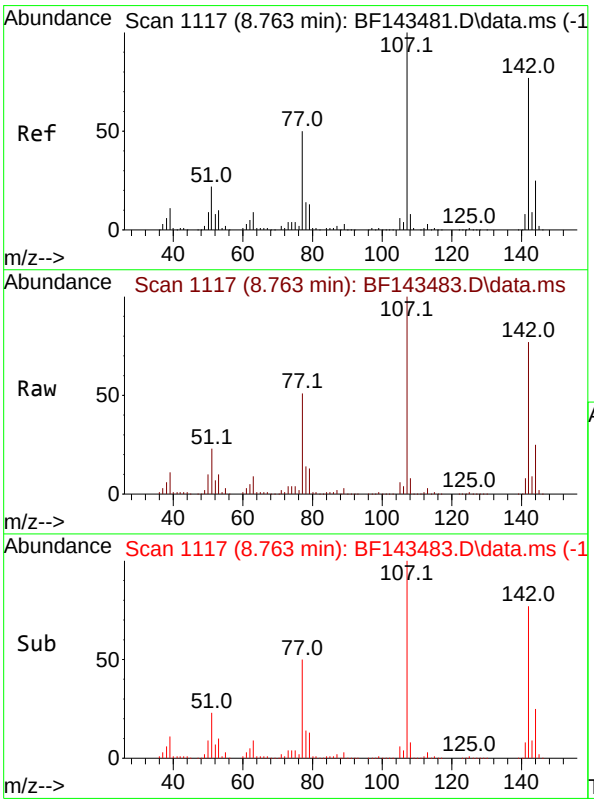
#35
Caprolactam
Concen: 60.607 ng
RT: 8.663 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 99502

Ion	Ratio	Lower	Upper
113	100		
55	184.3	162.8	202.8
56	138.6	118.1	158.1

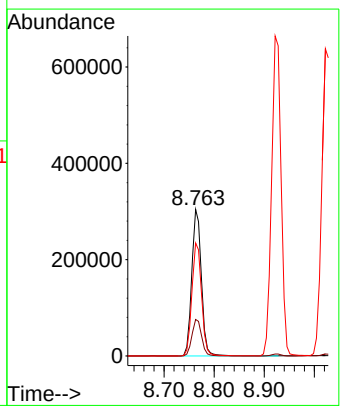


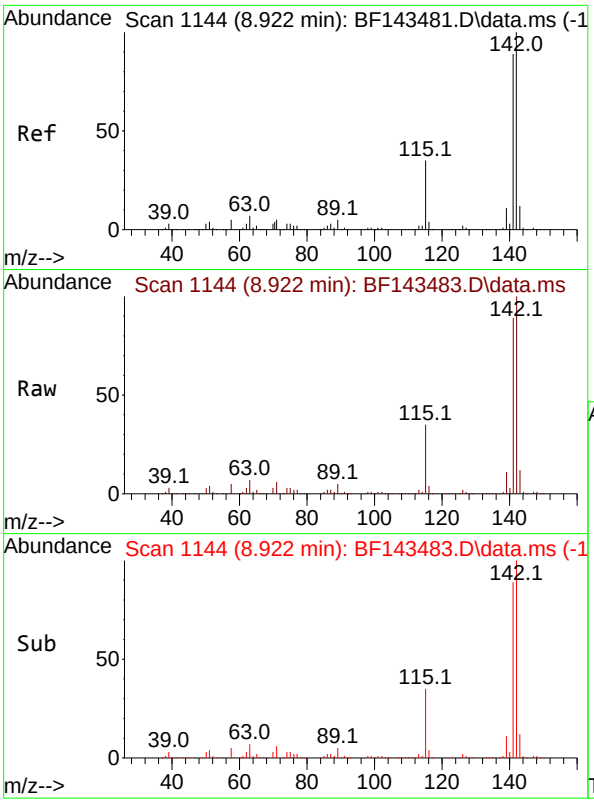


#36
4-Chloro-3-methylphenol
Concen: 59.020 ng
RT: 8.763 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:107 Resp: 404673

Ion	Ratio	Lower	Upper
107	100		
144	25.0	19.9	29.9
142	77.1	61.8	92.8



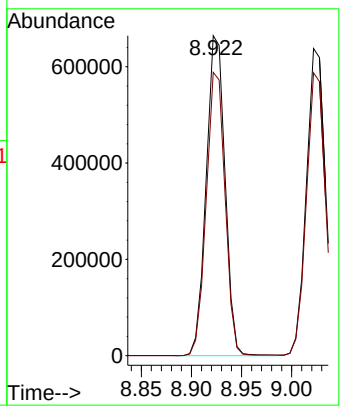


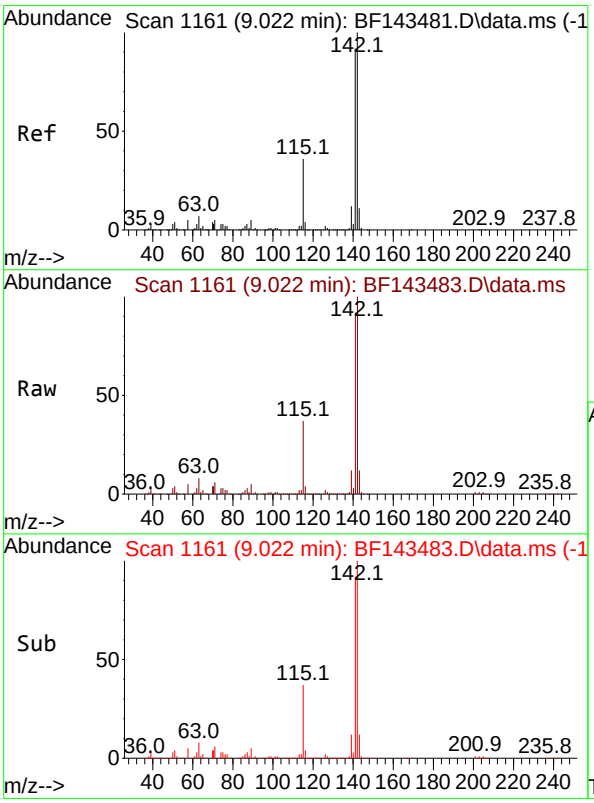
#37
2-Methylnaphthalene
Concen: 57.034 ng
RT: 8.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 869902

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.0	106.4

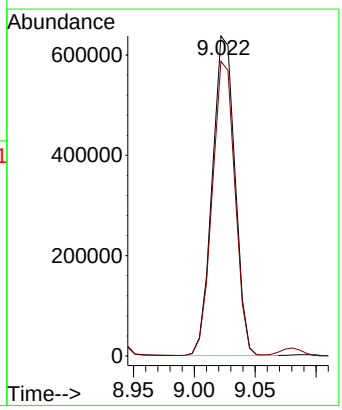


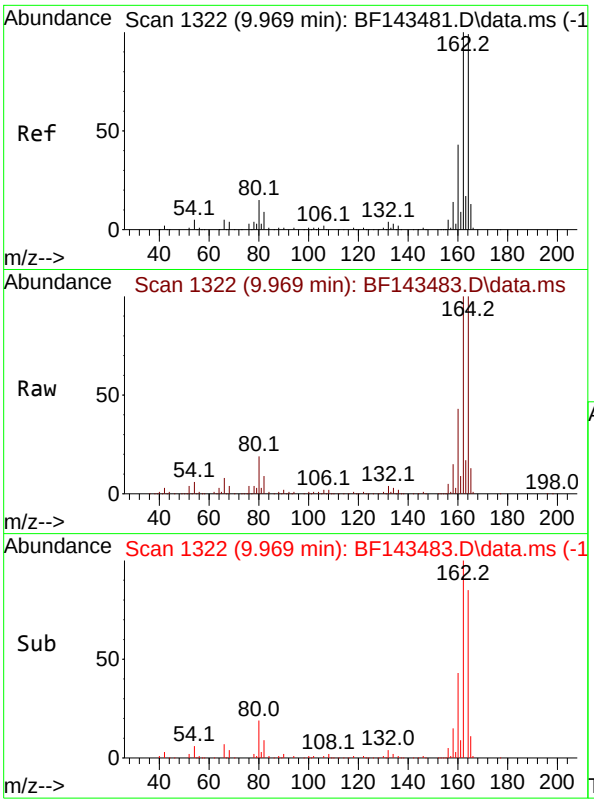


#38
1-Methylnaphthalene
Concen: 56.776 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:142 Resp: 828346

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.3	109.9



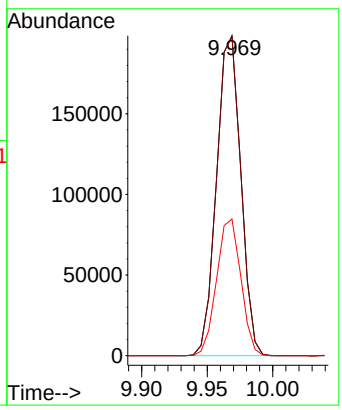


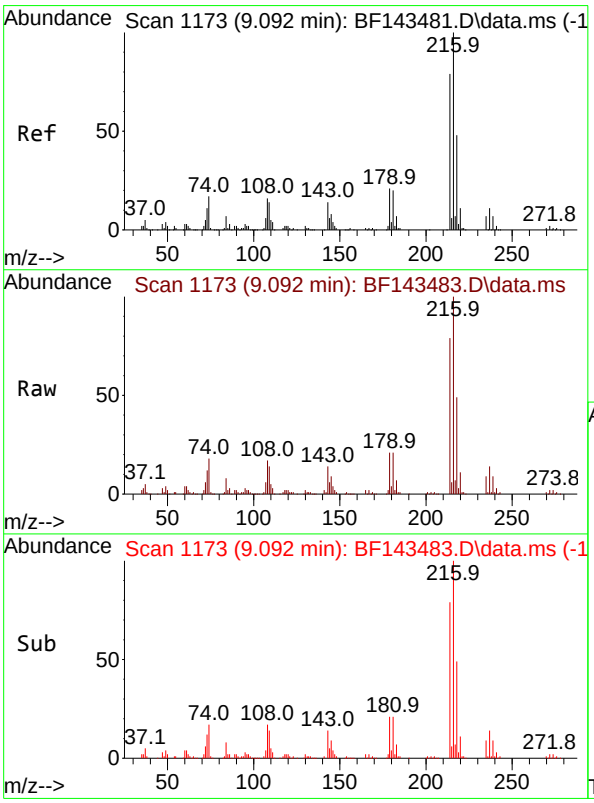
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 254778

Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.5	120.7
160	42.7	34.3	51.5

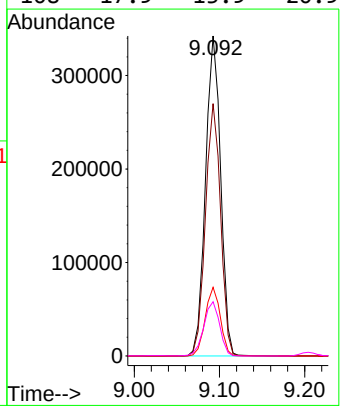


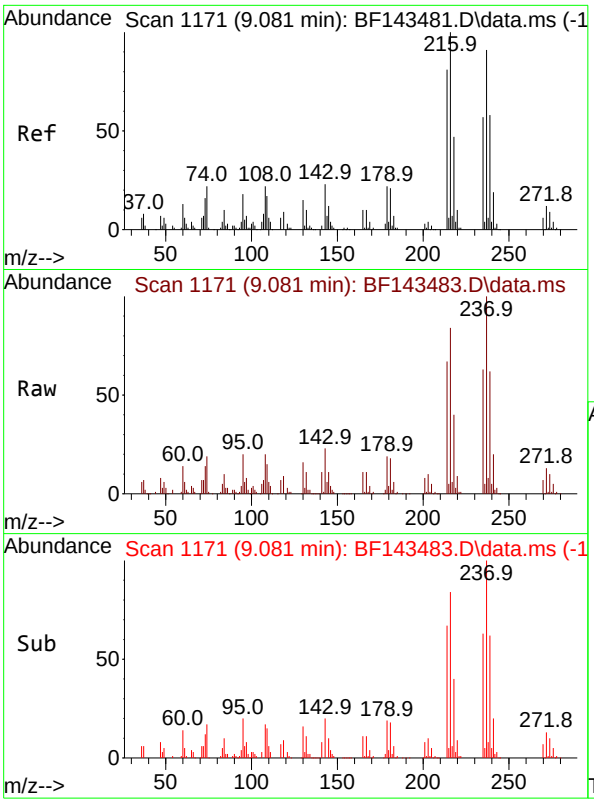


#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.894 ng
RT: 9.092 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:216 Resp: 421909

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.4	95.0
179	21.3	16.5	24.7
108	17.9	13.9	20.9



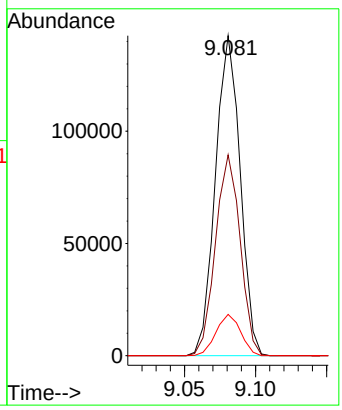


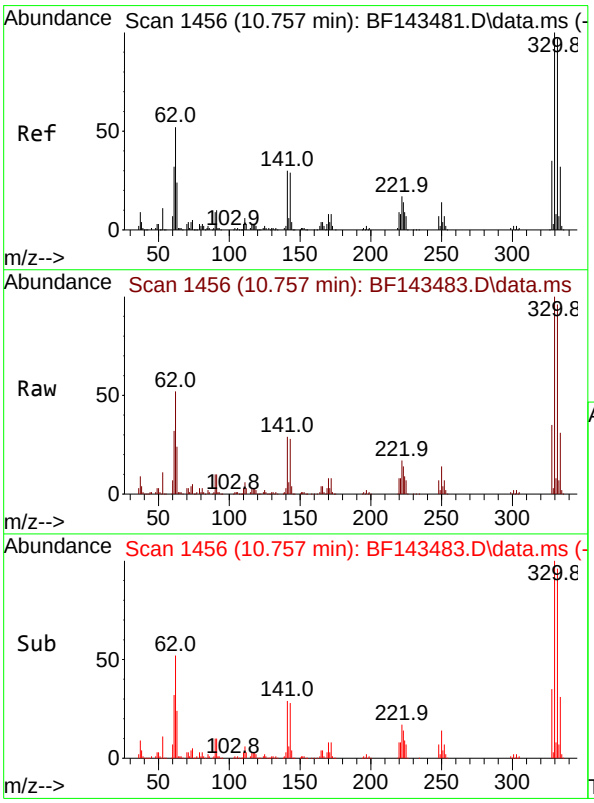
#41
Hexachlorocyclopentadiene
Concen: 62.497 ng
RT: 9.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 172625

Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.6	82.6
272	12.9	0.0	33.4

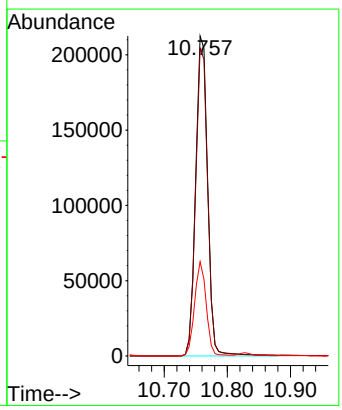


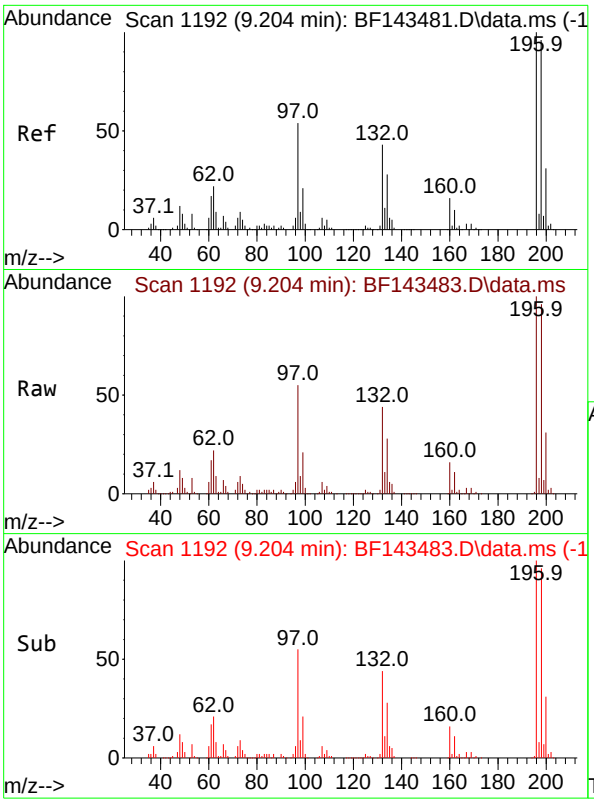


#42
2,4,6-Tribromophenol
Concen: 118.410 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:330 Resp: 280822

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.0	117.0
141	28.5	23.7	35.5



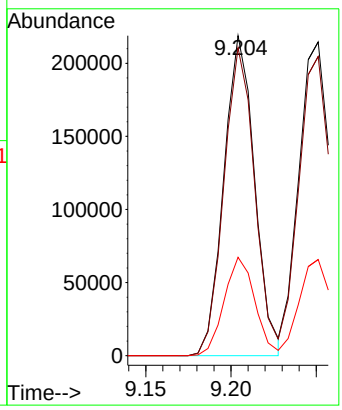


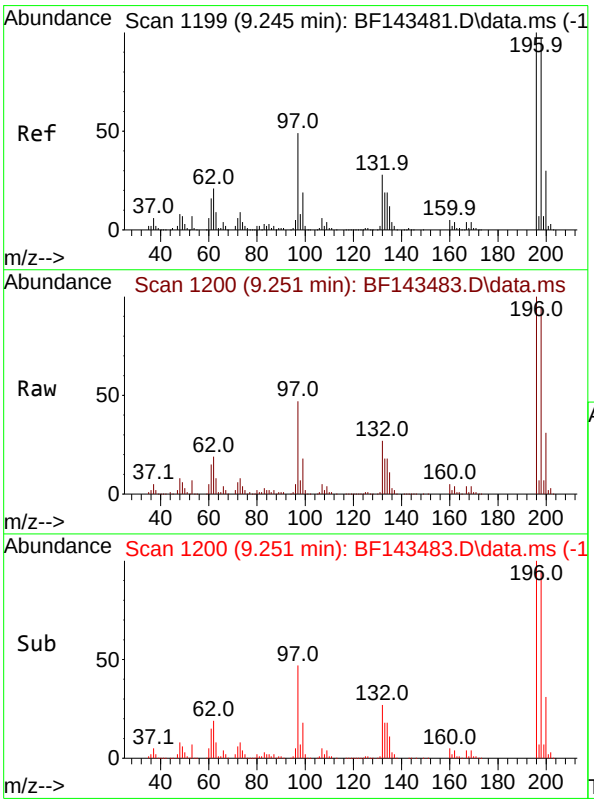
#43
2,4,6-Trichlorophenol
Concen: 61.437 ng
RT: 9.204 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 275502

Ion	Ratio	Lower	Upper
196	100		
198	96.2	77.0	115.4
200	30.7	24.6	37.0

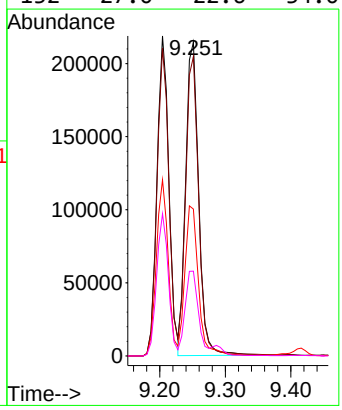


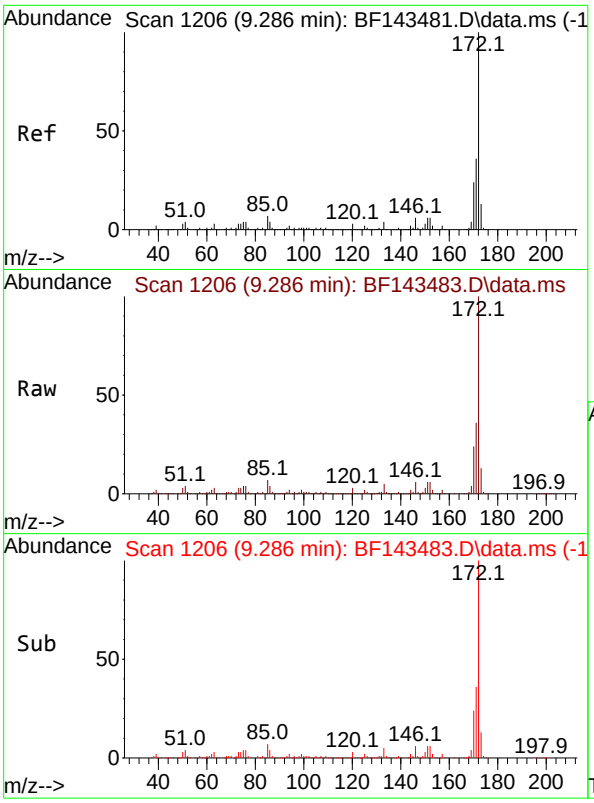


#44
2,4,5-Trichlorophenol
Concen: 60.345 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:196 Resp: 295585

Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.3	115.9
97	46.8	40.0	60.0
132	27.0	22.6	34.0



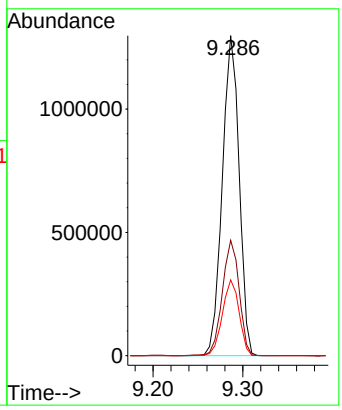


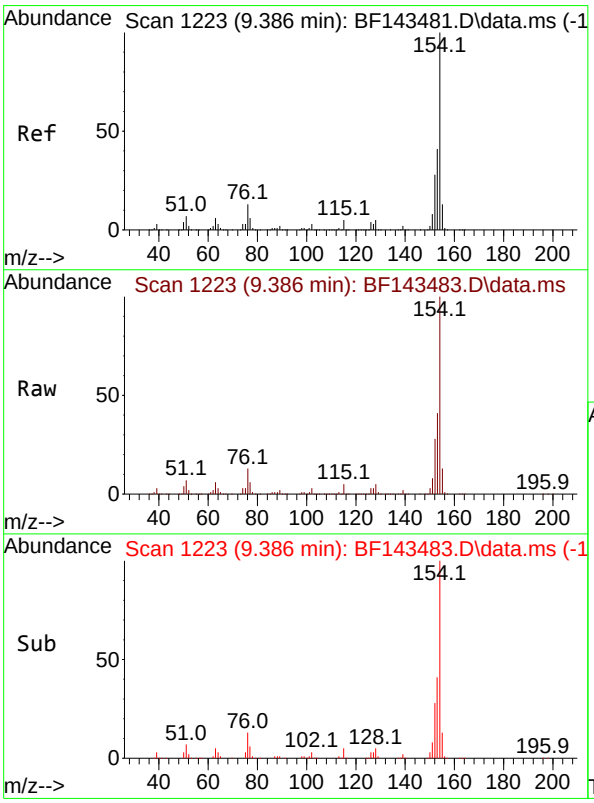
#45
2-Fluorobiphenyl
Concen: 109.642 ng
RT: 9.286 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 1690255

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.8	43.2
170	23.7	18.8	28.2

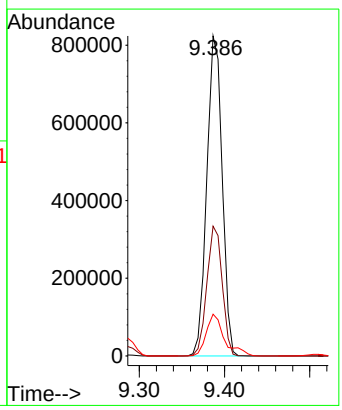


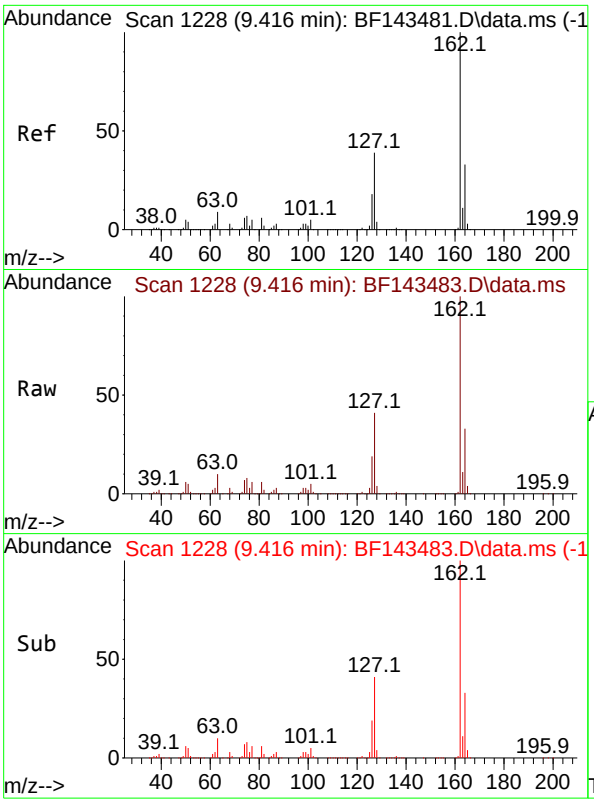


#46
1,1'-Biphenyl
Concen: 57.031 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:154 Resp: 1031320

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.6	60.6
76	13.1	0.0	33.0



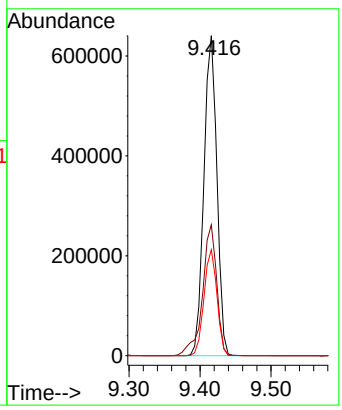


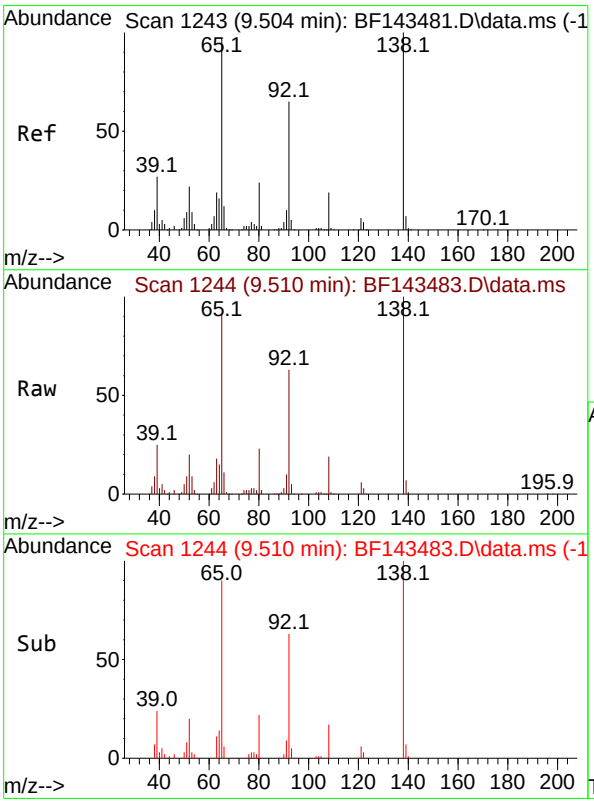
#47
2-Chloronaphthalene
Concen: 57.544 ng
RT: 9.416 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 816474

Ion	Ratio	Lower	Upper
162	100		
127	40.9	31.8	47.6
164	33.1	26.4	39.6

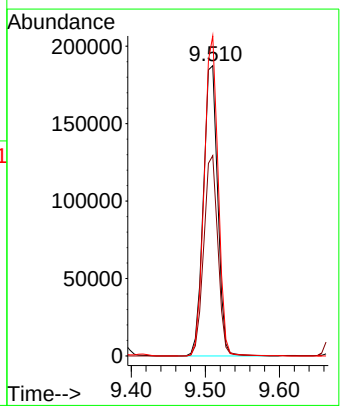


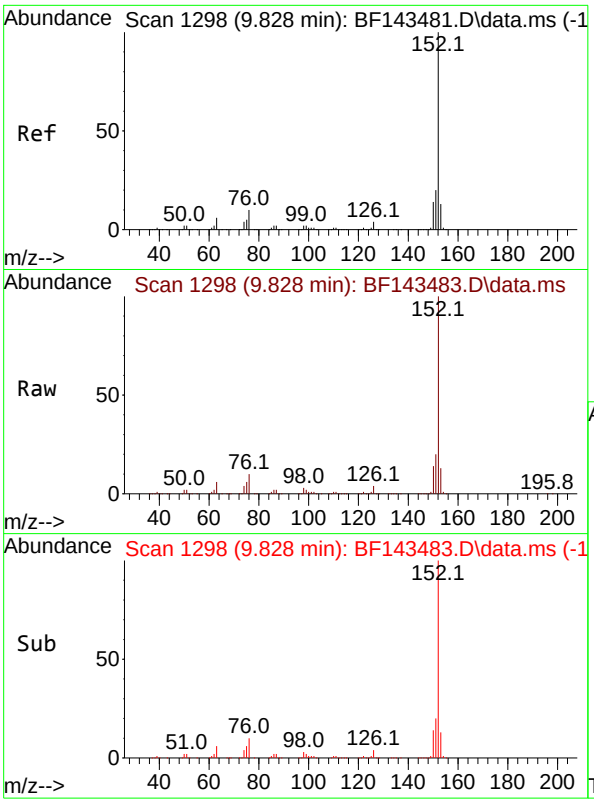


#48
2-Nitroaniline
Concen: 60.835 ng
RT: 9.510 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion: 65 Resp: 252618

Ion	Ratio	Lower	Upper
65	100		
92	69.1	53.8	80.6
138	110.3	82.4	123.6



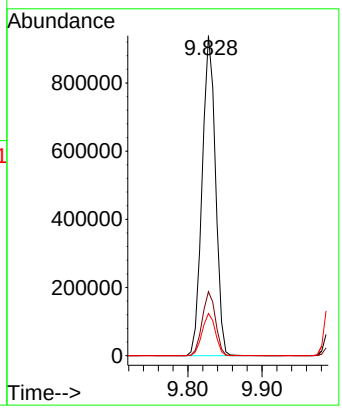


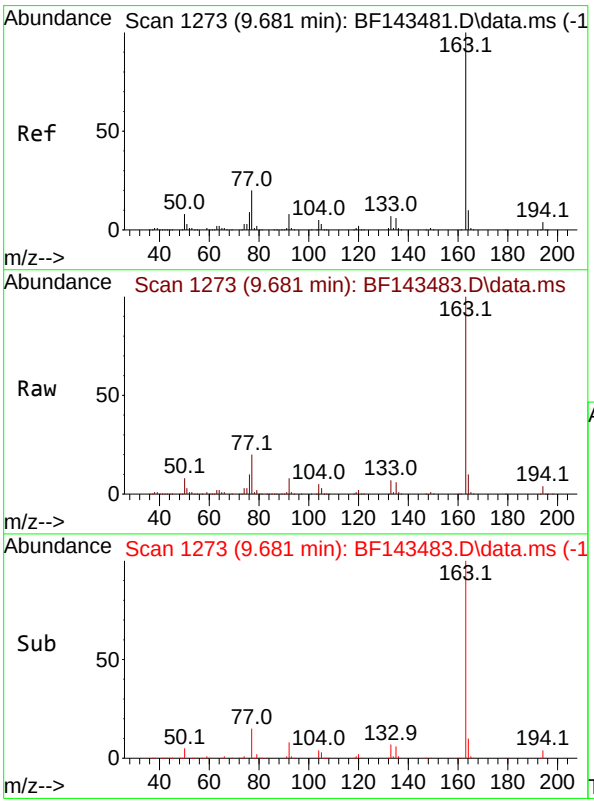
#49
Acenaphthylene
Concen: 57.687 ng
RT: 9.828 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 1171986

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.4
153	13.2	10.6	15.8

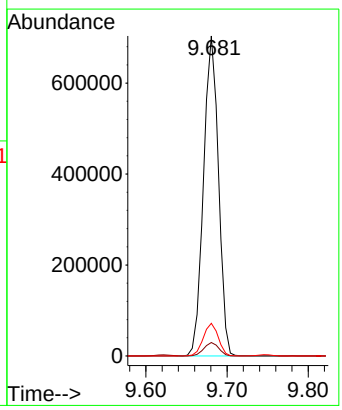


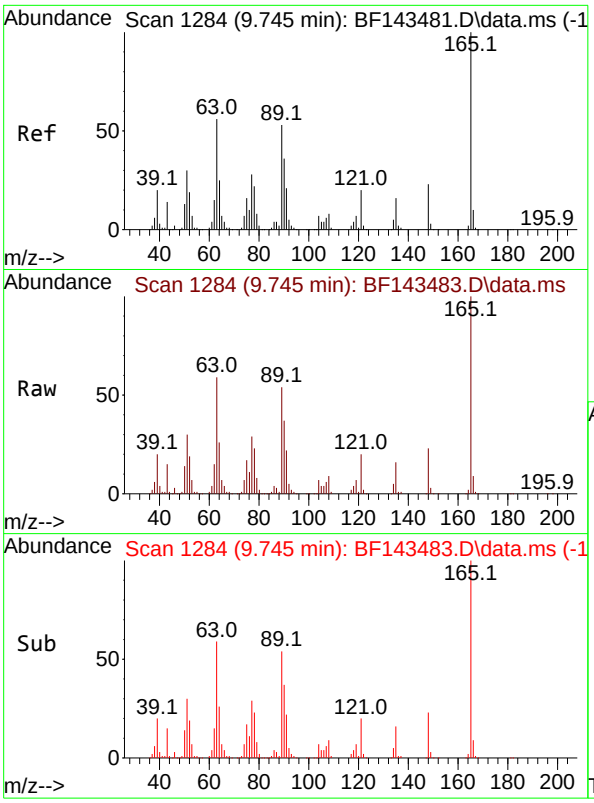


#50
Dimethylphthalate
Concen: 58.546 ng
RT: 9.681 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:163 Resp: 898362

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.2	8.2	12.2



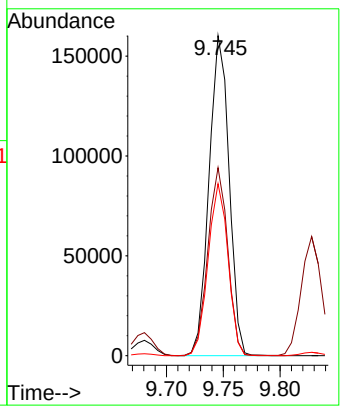


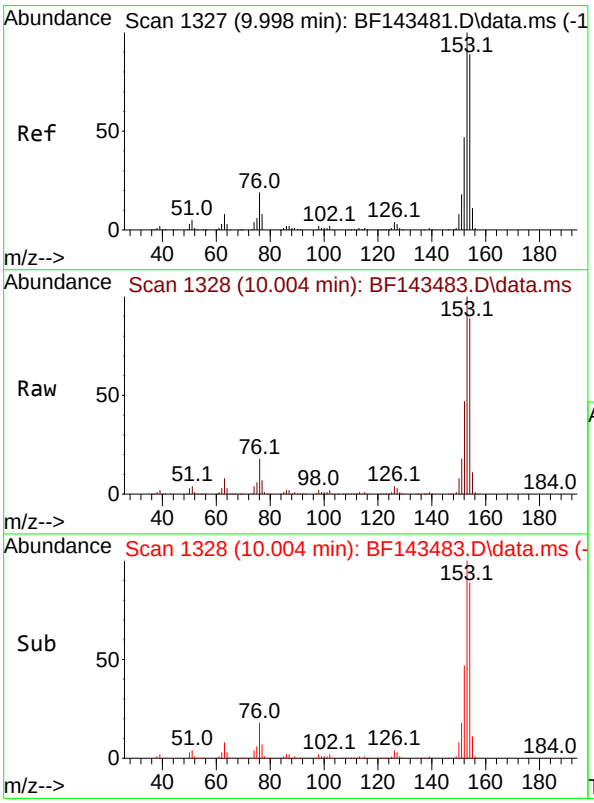
#51
2,6-Dinitrotoluene
Concen: 61.849 ng
RT: 9.745 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 196694

Ion	Ratio	Lower	Upper
165	100		
63	58.8	45.0	67.6
89	53.7	42.5	63.7

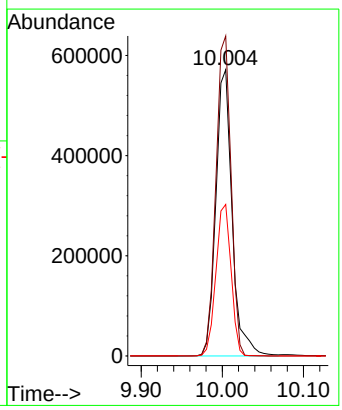


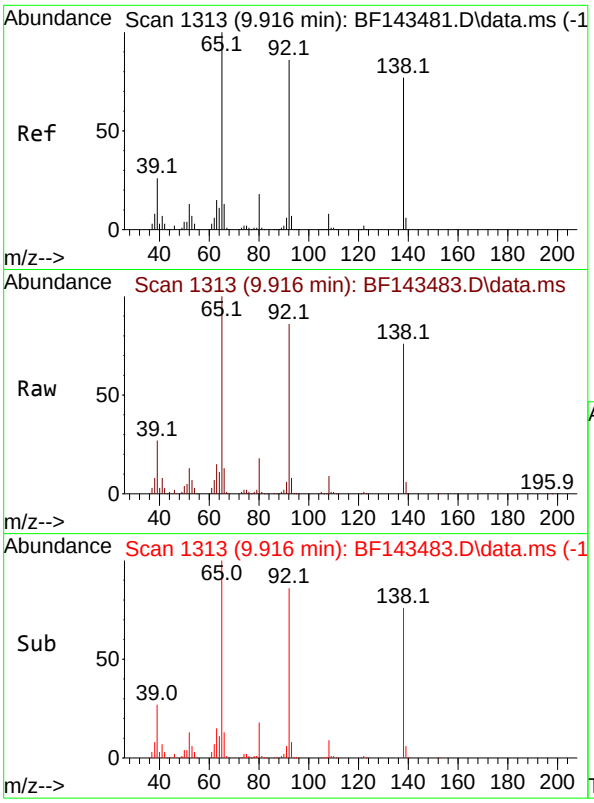


#52
Acenaphthene
Concen: 57.868 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:154 Resp: 798226

Ion	Ratio	Lower	Upper
154	100		
153	111.8	89.5	134.3
152	53.0	42.5	63.7



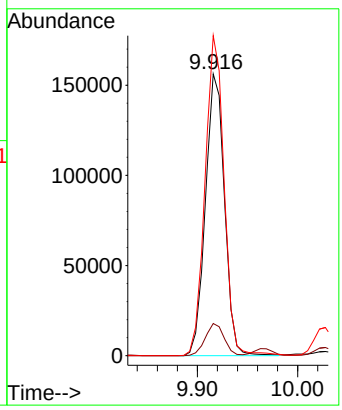


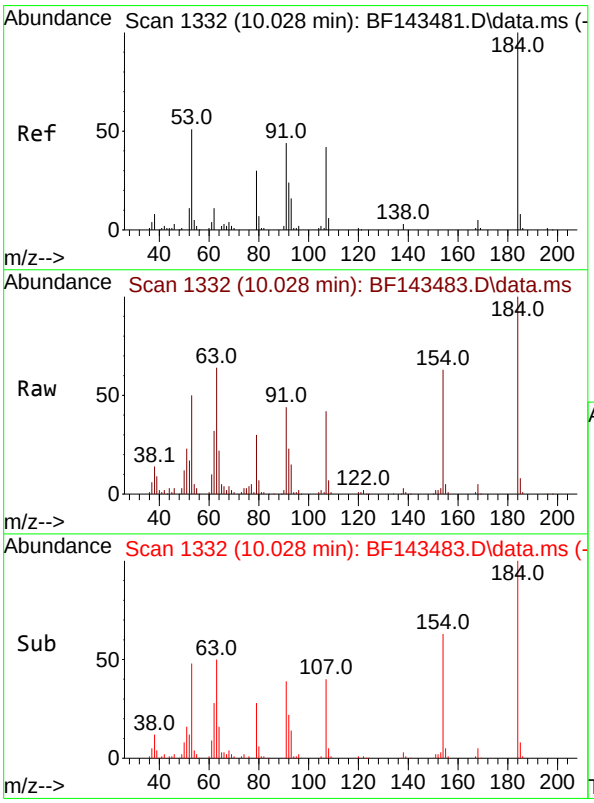
#53
3-Nitroaniline
Concen: 60.257 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 207068

Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.6	13.0
92	113.6	89.8	134.8

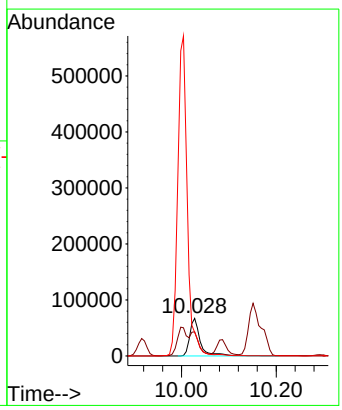


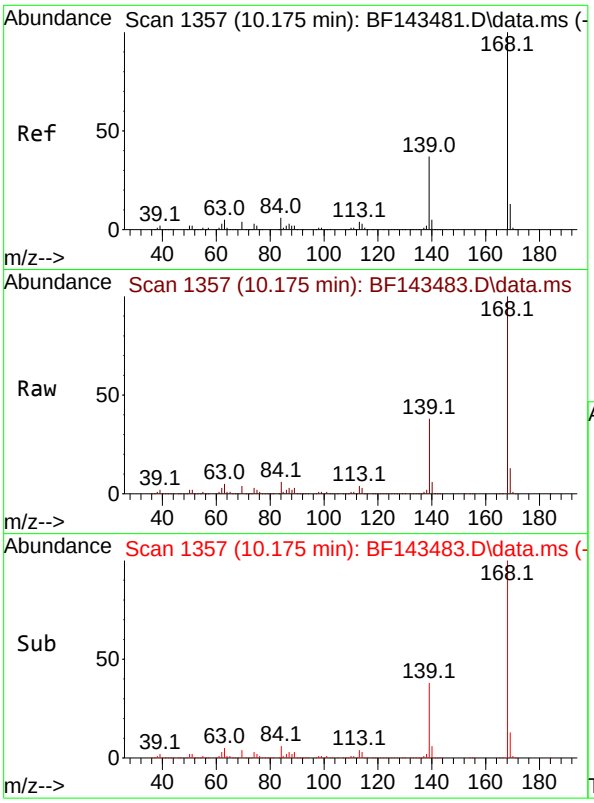


#54
2,4-Dinitrophenol
Concen: 62.986 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:184 Resp: 105073

Ion	Ratio	Lower	Upper
184	100		
63	64.1	52.6	78.8
154	62.6	51.0	76.4



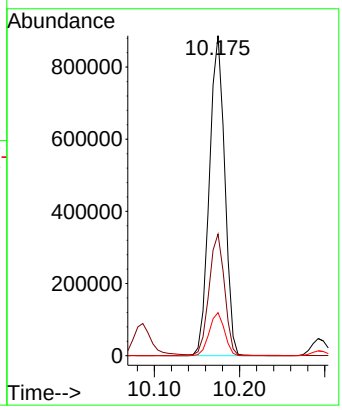


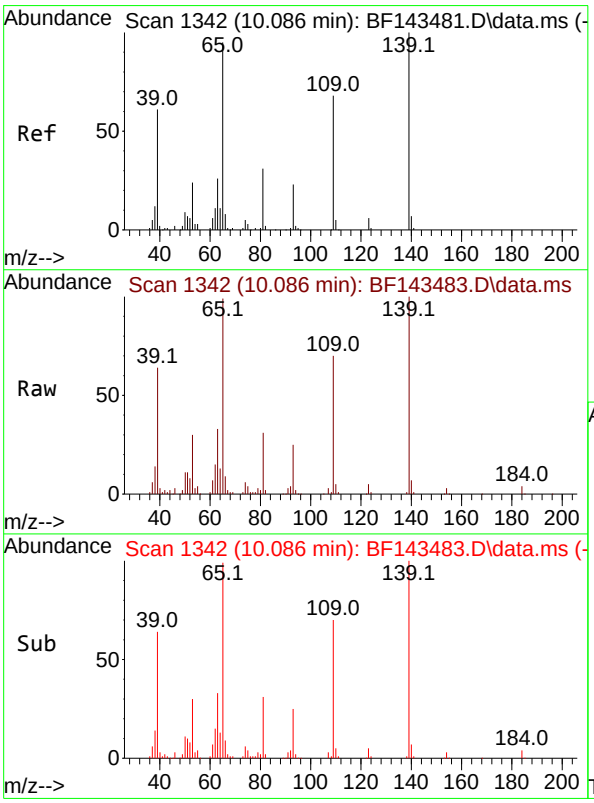
#55
Dibenzofuran
Concen: 56.463 ng
RT: 10.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 1110414

Ion	Ratio	Lower	Upper
168	100		
139	38.0	29.8	44.6
169	13.4	10.8	16.2

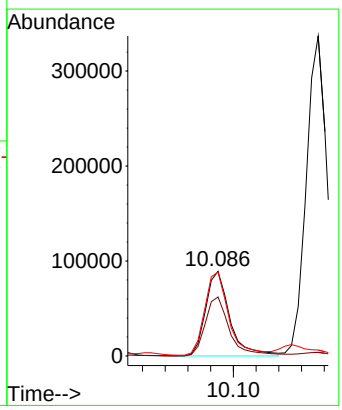


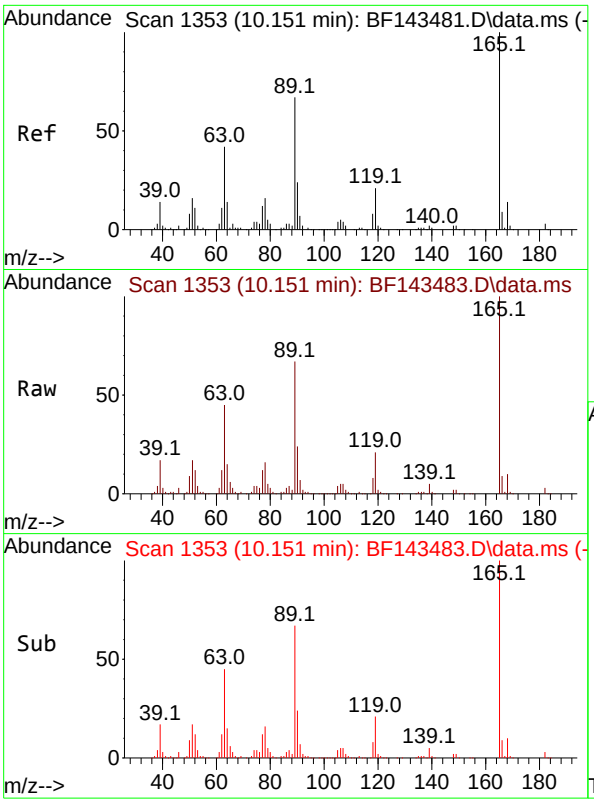


#56
4-Nitrophenol
Concen: 64.242 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:139 Resp: 131356

Ion	Ratio	Lower	Upper
139	100		
109	69.7	48.2	88.2
65	99.0	75.8	115.8



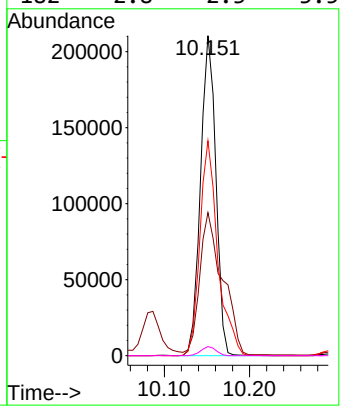


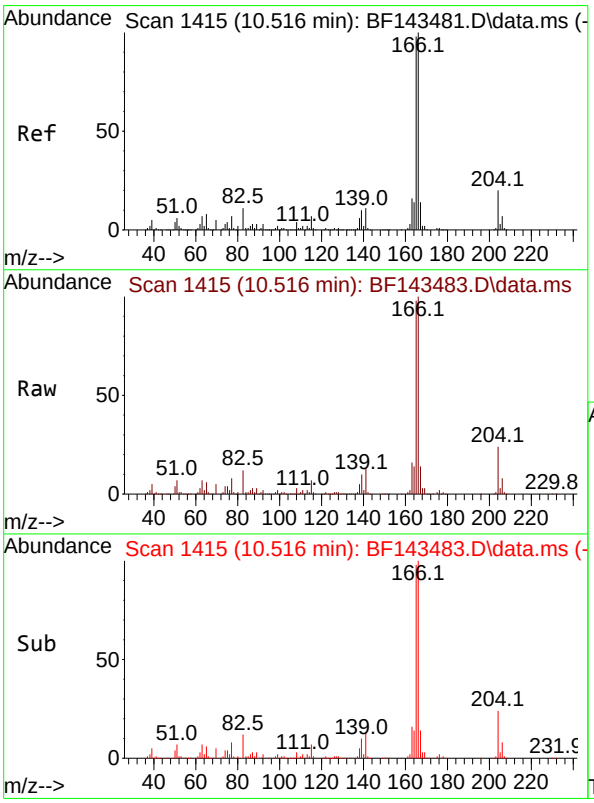
#57
2,4-Dinitrotoluene
Concen: 61.935 ng
RT: 10.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 263001

Ion	Ratio	Lower	Upper
165	100		
63	44.7	34.9	52.3
89	67.1	53.3	79.9
182	2.8	2.3	3.5

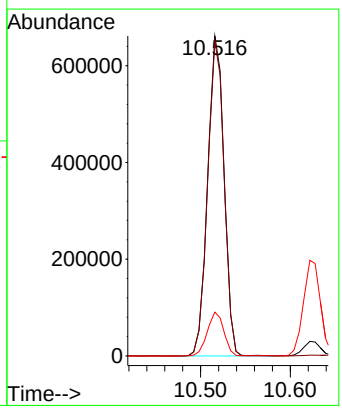


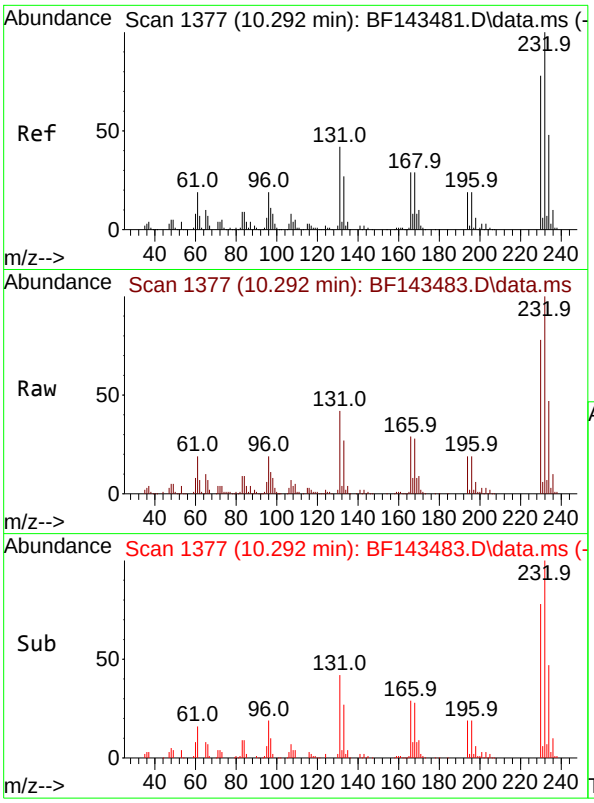


#58
Fluorene
Concen: 55.641 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:166 Resp: 842185

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.3	117.5
167	13.7	11.0	16.4



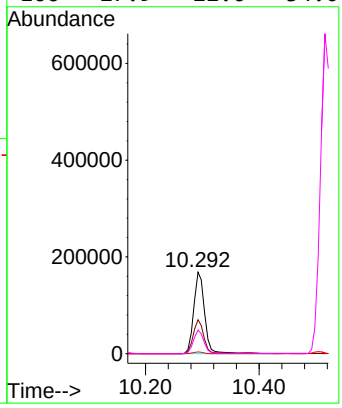


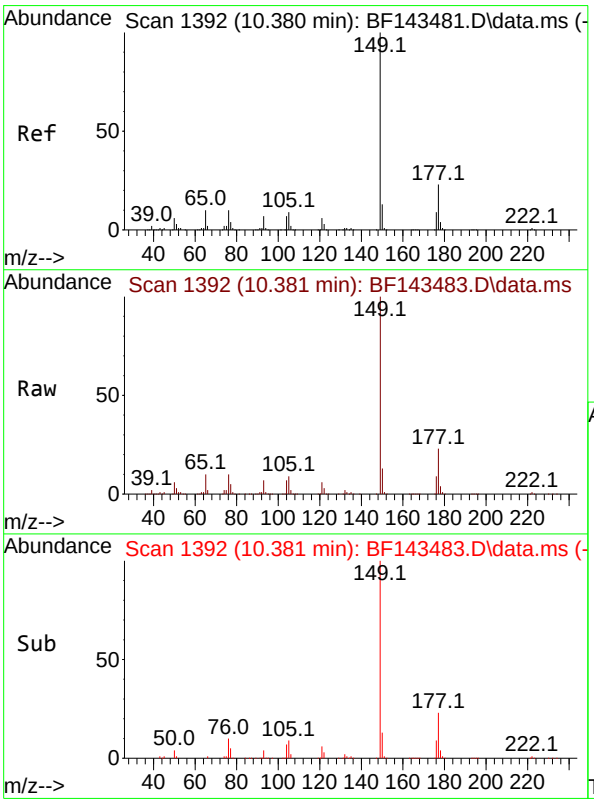
#59
2,3,4,6-Tetrachlorophenol
Concen: 62.306 ng
RT: 10.292 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 226735

Ion	Ratio	Lower	Upper
232	100		
131	40.1	32.7	49.1
130	2.0	1.6	2.4
166	27.9	22.6	34.0

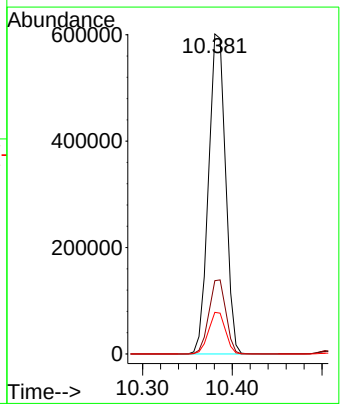


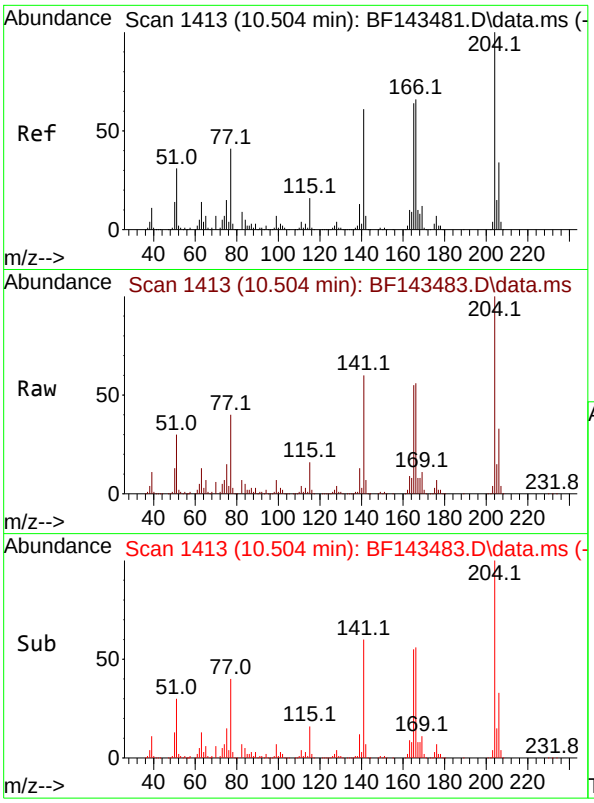


#60
Diethylphthalate
Concen: 57.538 ng
RT: 10.381 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:149 Resp: 791582

Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.3	27.5
150	13.0	10.3	15.5



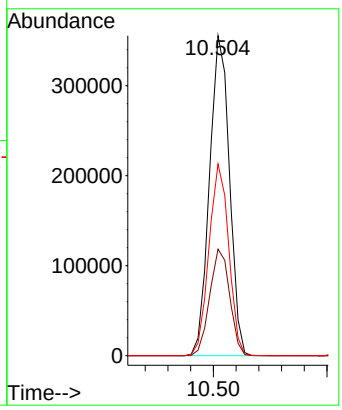


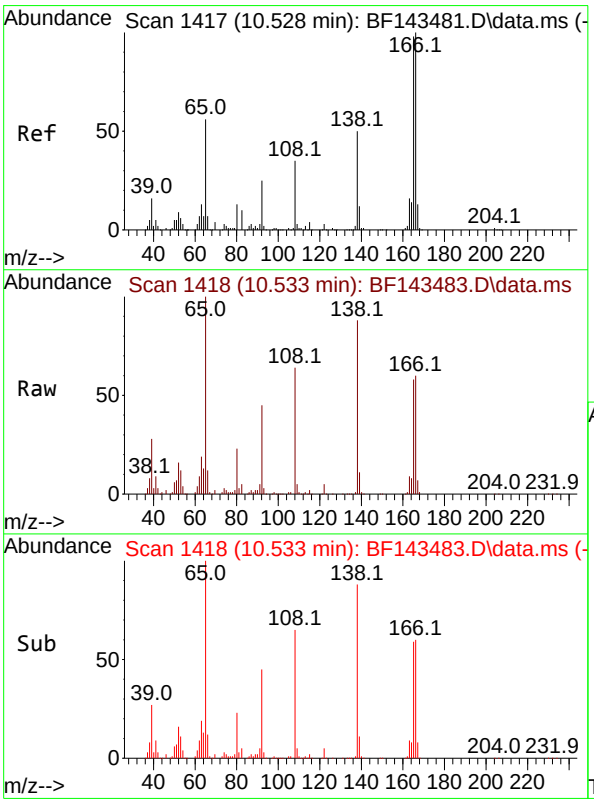
#61
4-Chlorophenyl-phenylether
Concen: 57.247 ng
RT: 10.504 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 433351

Ion	Ratio	Lower	Upper
204	100		
206	33.3	27.0	40.4
141	59.9	48.7	73.1

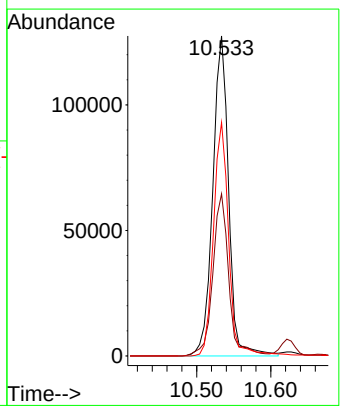


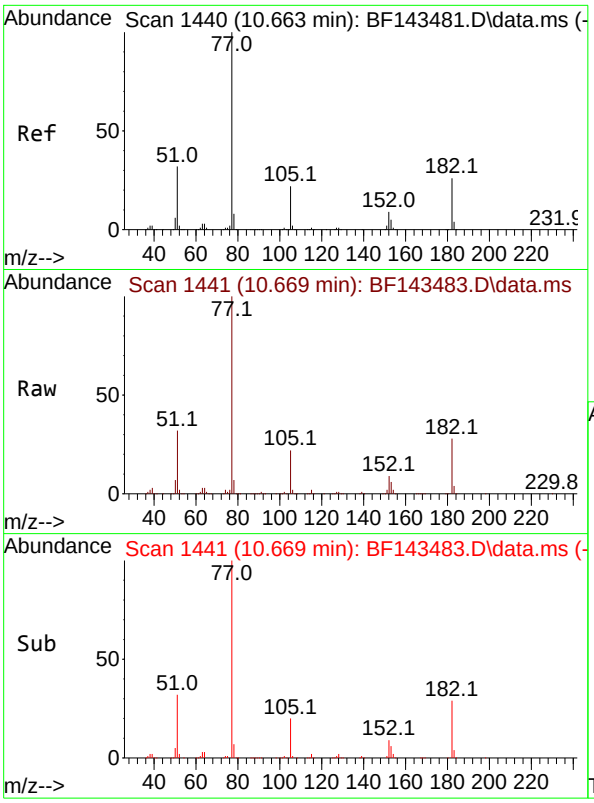


#62
4-Nitroaniline
Concen: 60.015 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:138 Resp: 189435

Ion	Ratio	Lower	Upper
138	100		
92	50.6	29.3	69.3
108	73.0	50.7	90.7



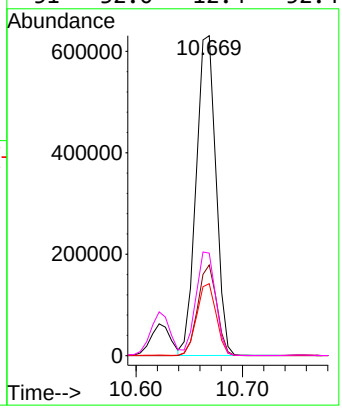


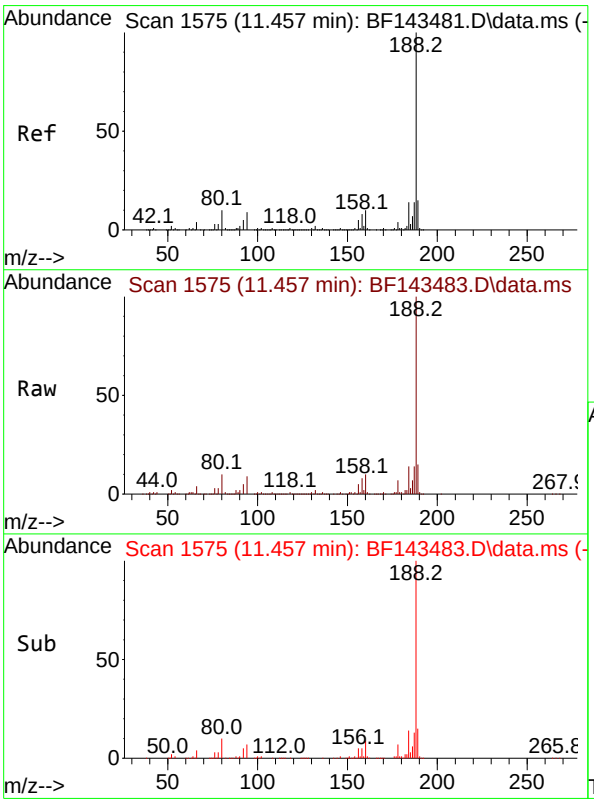
#63
Azobenzene
Concen: 57.158 ng
RT: 10.669 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 815353

Ion	Ratio	Lower	Upper
77	100		
182	28.4	6.2	46.2
105	22.5	2.2	42.2
51	32.0	12.4	52.4

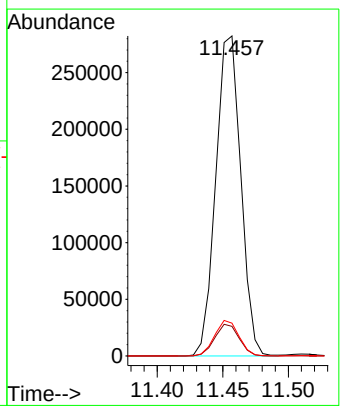


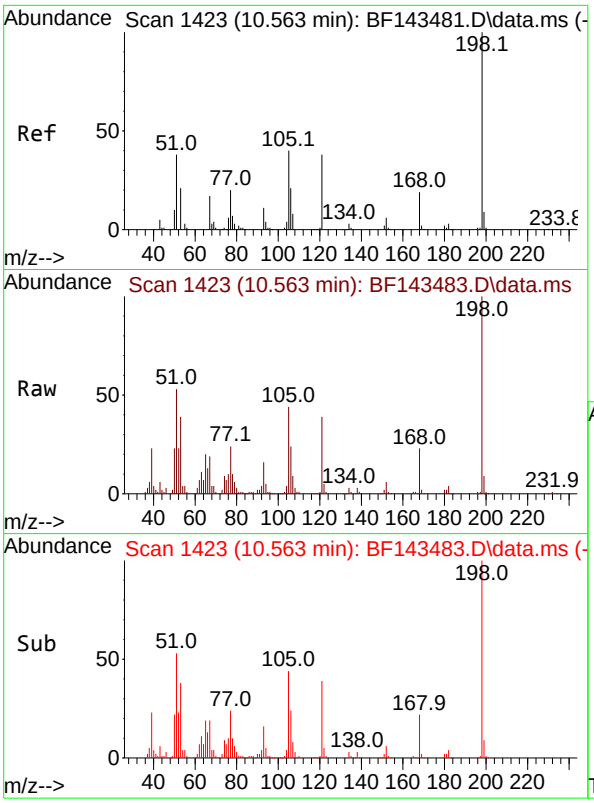


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:188 Resp: 374631

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.2
80	10.2	8.2	12.4



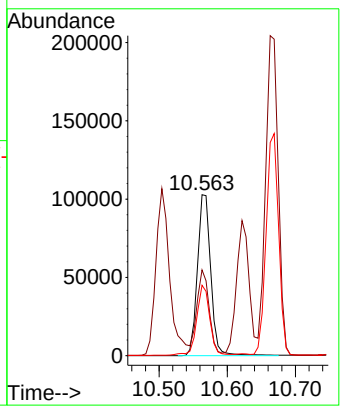


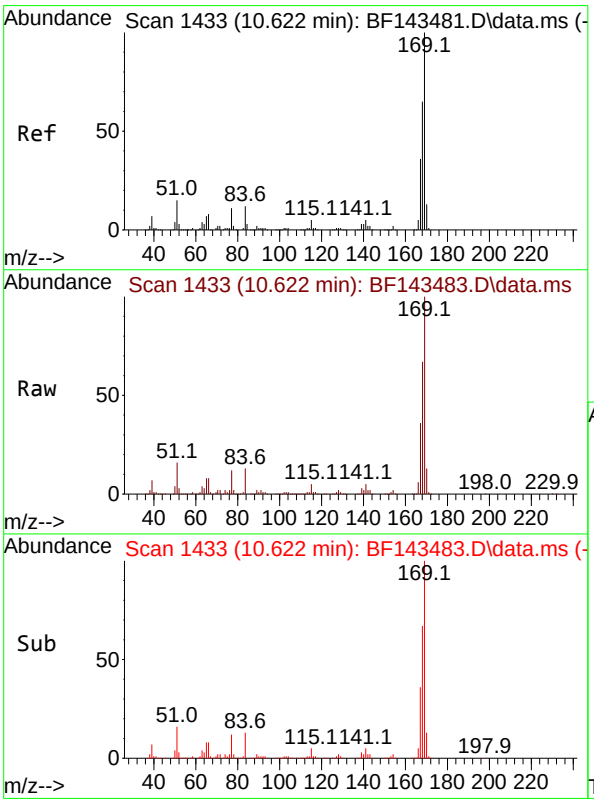
#65
4,6-Dinitro-2-methylphenol
Concen: 66.197 ng
RT: 10.563 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 139830

Ion	Ratio	Lower	Upper
198	100		
51	53.3	29.6	69.6
105	43.7	21.5	61.5

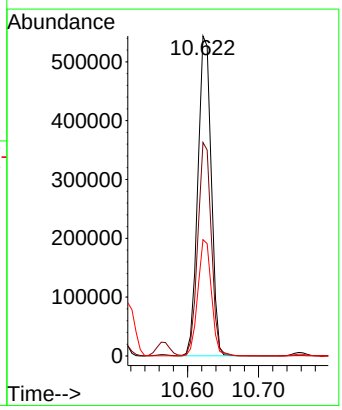


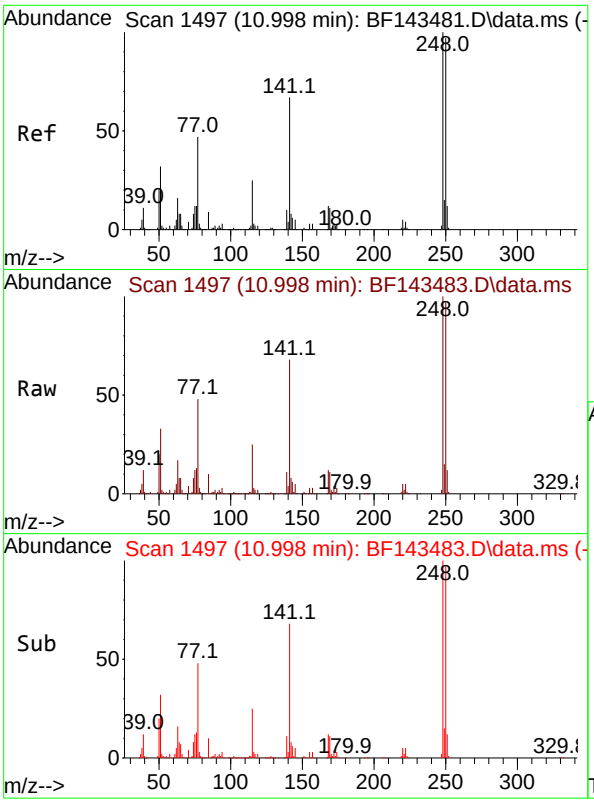


#66
n-Nitrosodiphenylamine
Concen: 59.270 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:169 Resp: 714577

Ion	Ratio	Lower	Upper
169	100		
168	66.7	52.4	78.6
167	36.4	28.9	43.3



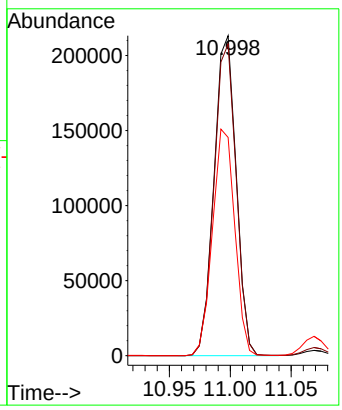


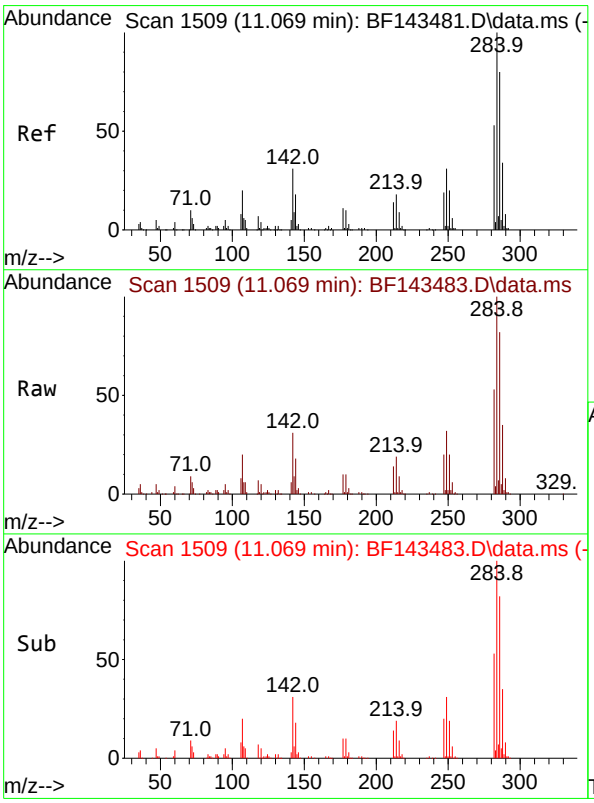
#67
4-Bromophenyl-phenylether
Concen: 60.454 ng
RT: 10.998 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 270225

Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.8	116.8
141	68.2	54.0	81.0

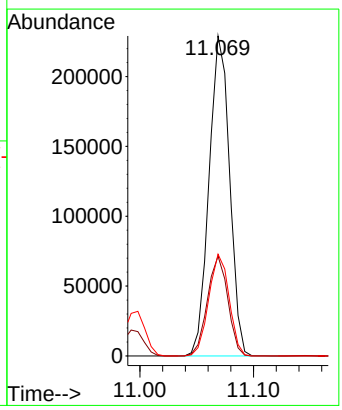


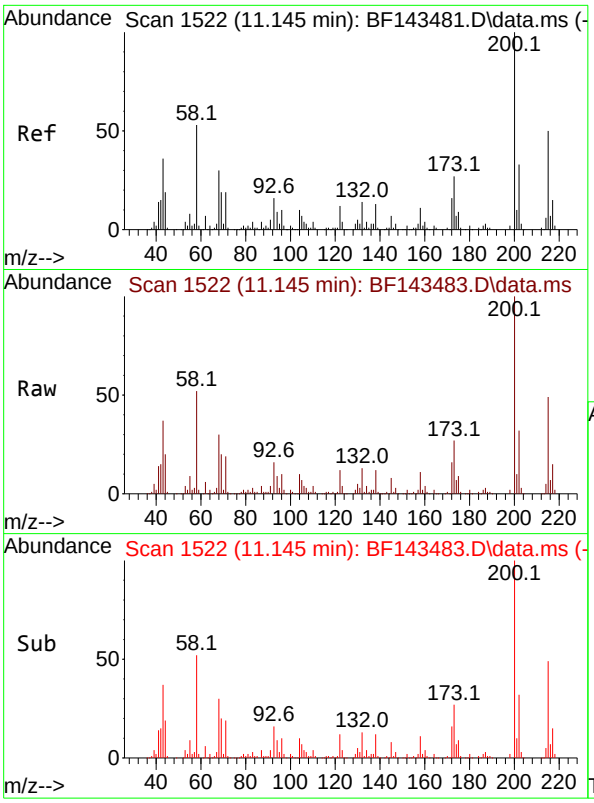


#68
Hexachlorobenzene
Concen: 59.797 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:284 Resp: 288119

Ion	Ratio	Lower	Upper
284	100		
142	31.2	24.4	36.6
249	31.8	25.0	37.6



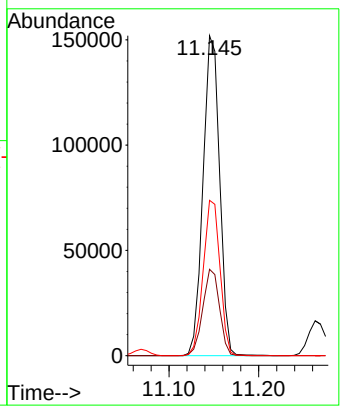


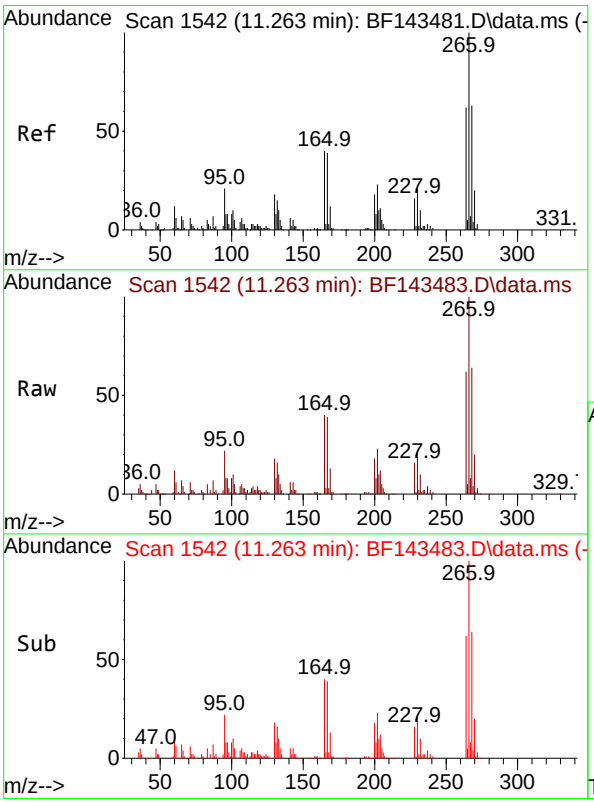
#69
Atrazine
Concen: 62.765 ng
RT: 11.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 195334

Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.9	46.9
215	48.5	30.0	70.0

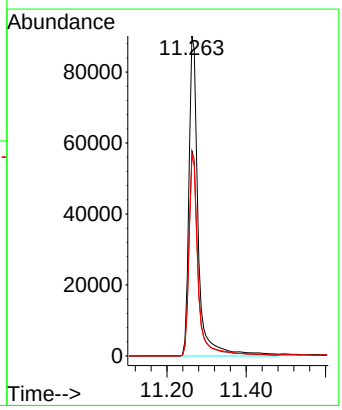


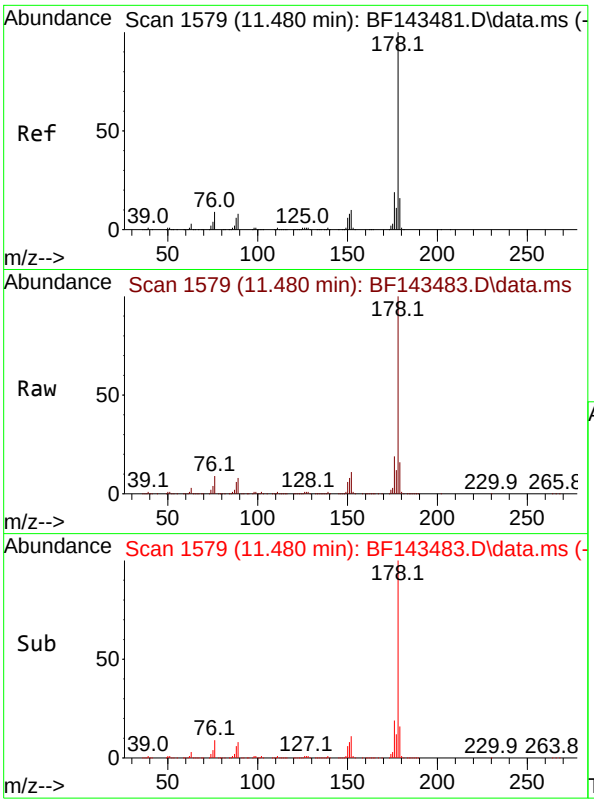


#70
Pentachlorophenol
Concen: 66.597 ng
RT: 11.263 min Scan# 1542
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:266 Resp: 146959

Ion	Ratio	Lower	Upper
266	100		
268	64.0	50.5	75.7
264	62.5	49.8	74.8



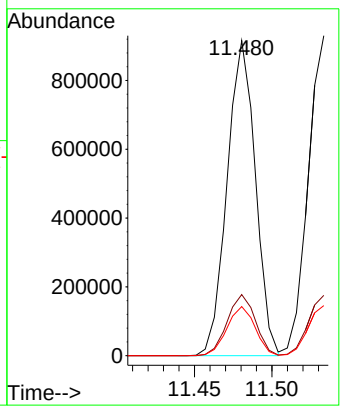


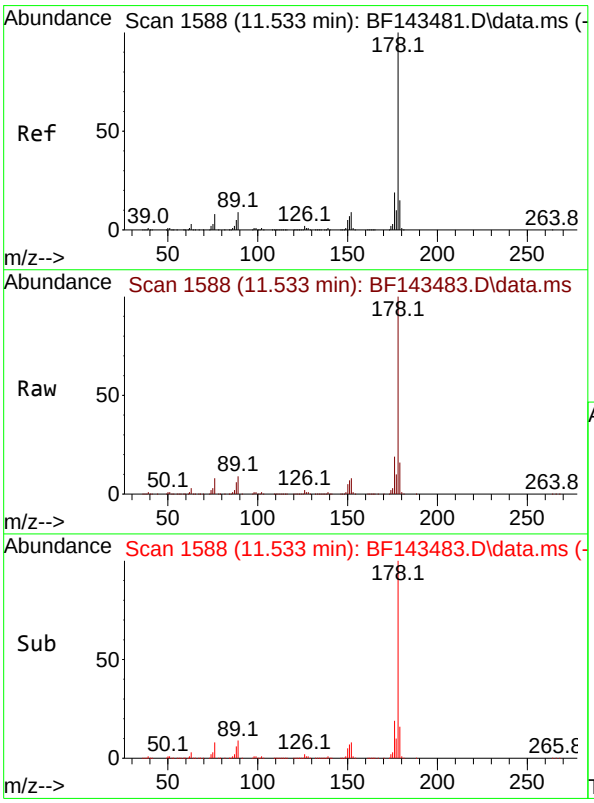
#71
Phenanthrene
Concen: 57.863 ng
RT: 11.480 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 1160860

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.6	12.5	18.7

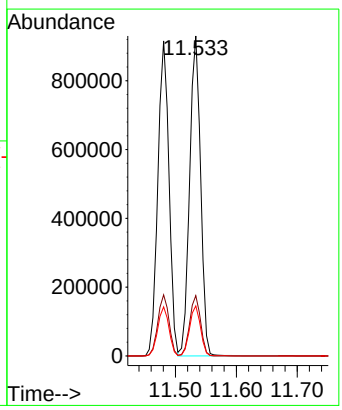


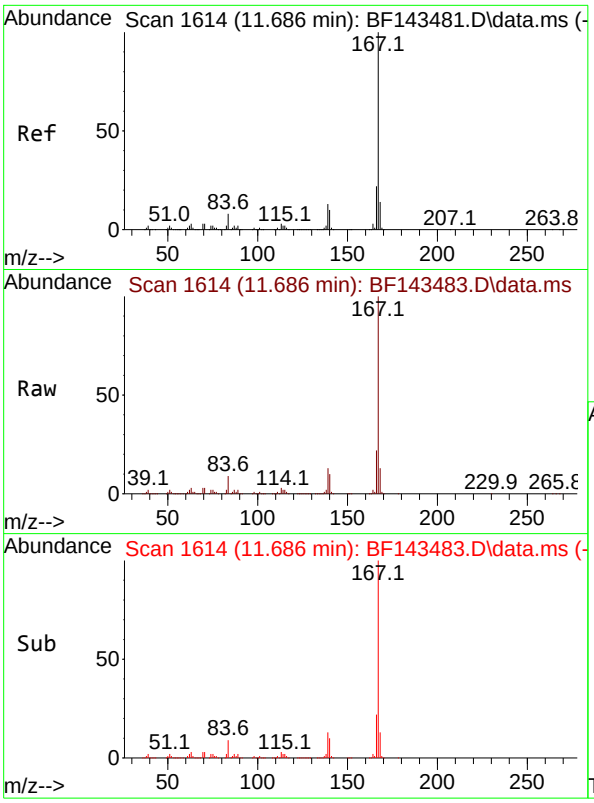


#72
Anthracene
Concen: 57.295 ng
RT: 11.533 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:178 Resp: 1164449

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.7	12.3	18.5



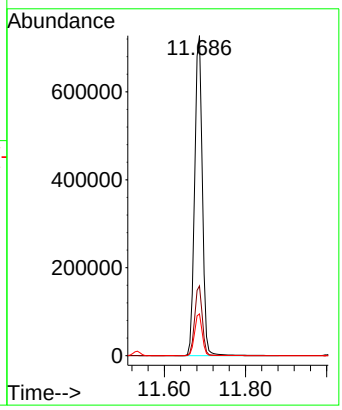


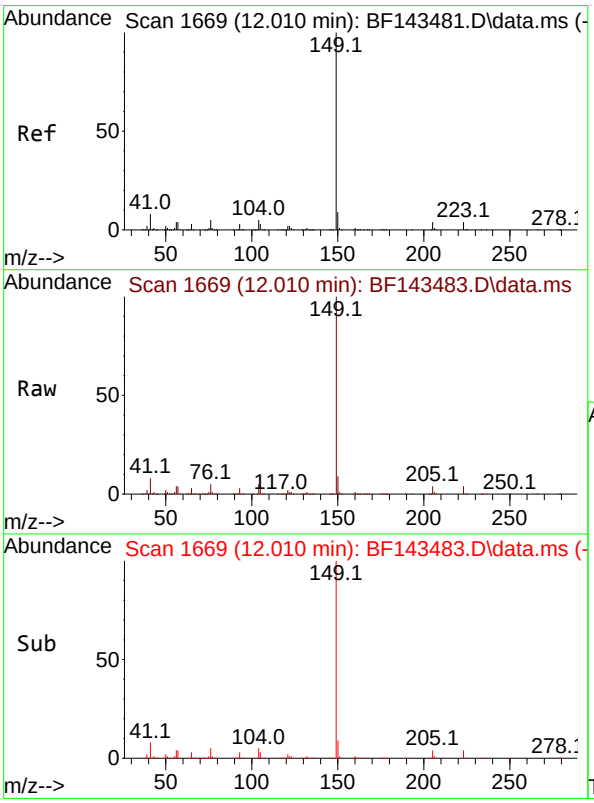
#73
Carbazole
Concen: 58.105 ng
RT: 11.686 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp: 967633

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.3	25.9
139	13.0	10.0	15.0

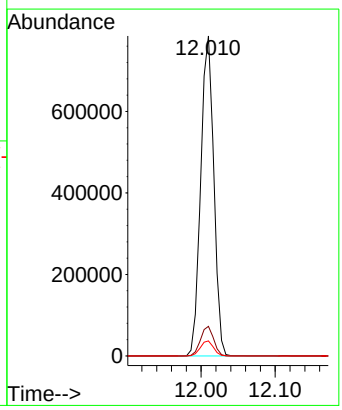


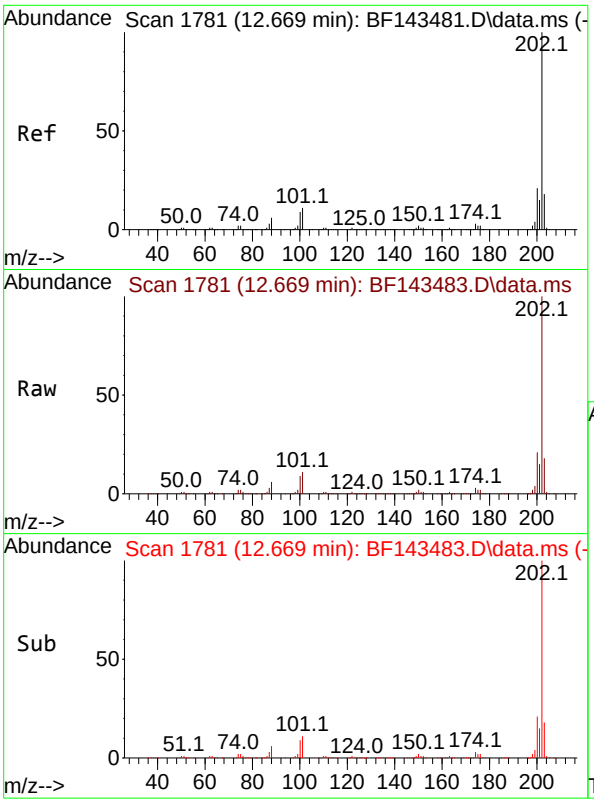


#74
Di-n-butylphthalate
Concen: 62.003 ng
RT: 12.010 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:149 Resp: 963249

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	4.7	3.6	5.4



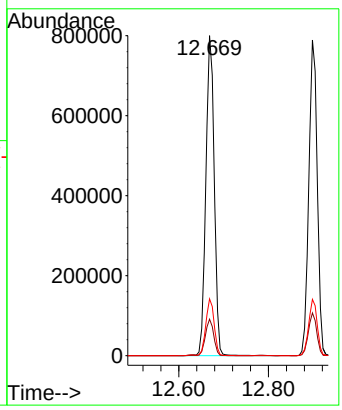


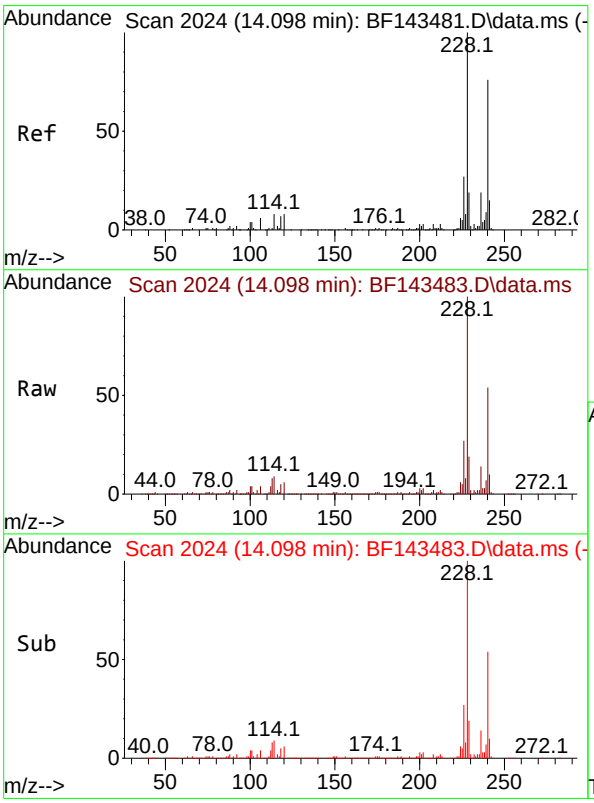
#75
Fluoranthene
Concen: 57.619 ng
RT: 12.669 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 1037239

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.3
203	17.7	0.0	37.9

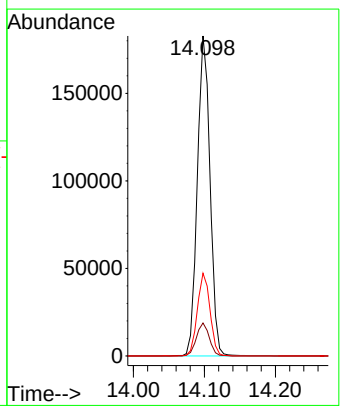


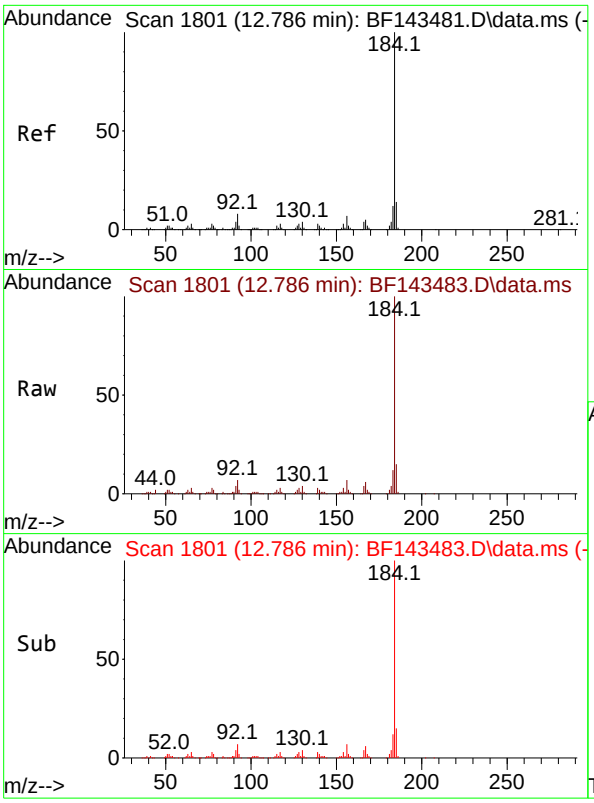


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:240 Resp: 227355

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.6	12.8
236	25.8	20.4	30.6



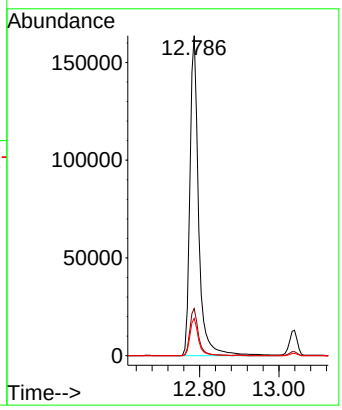


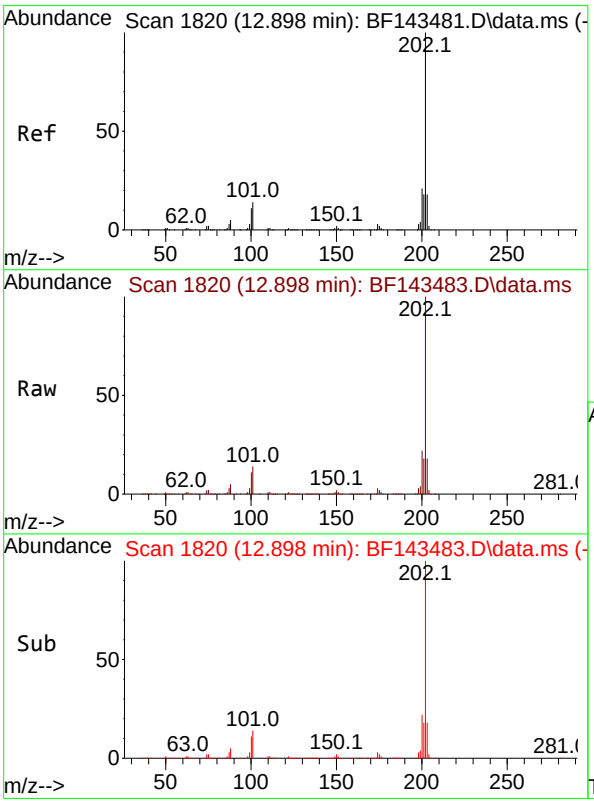
#77
Benzidine
Concen: 45.316 ng
RT: 12.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 250962

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.3	16.9
183	11.6	9.5	14.3

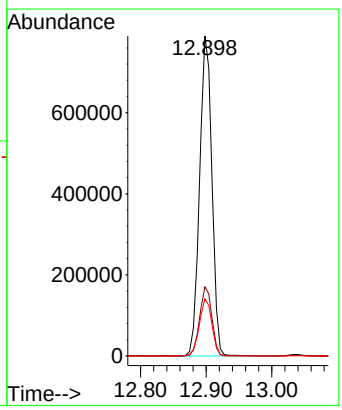


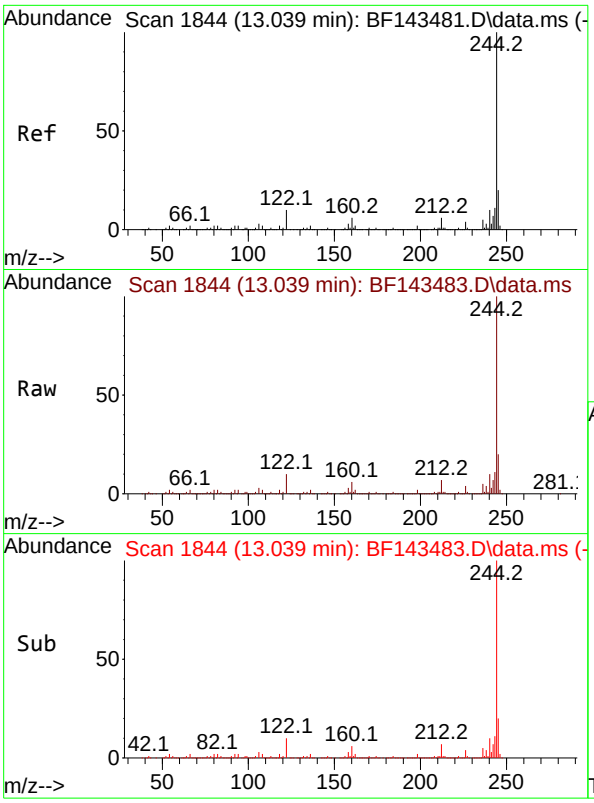


#78
Pyrene
Concen: 55.127 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:202 Resp: 1030970

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.4
203	17.8	14.3	21.5



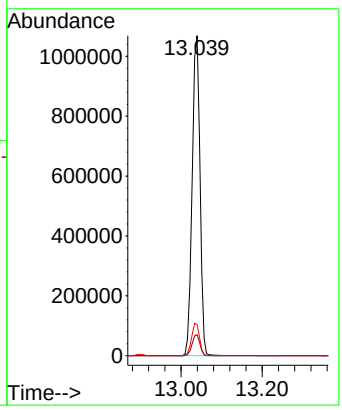


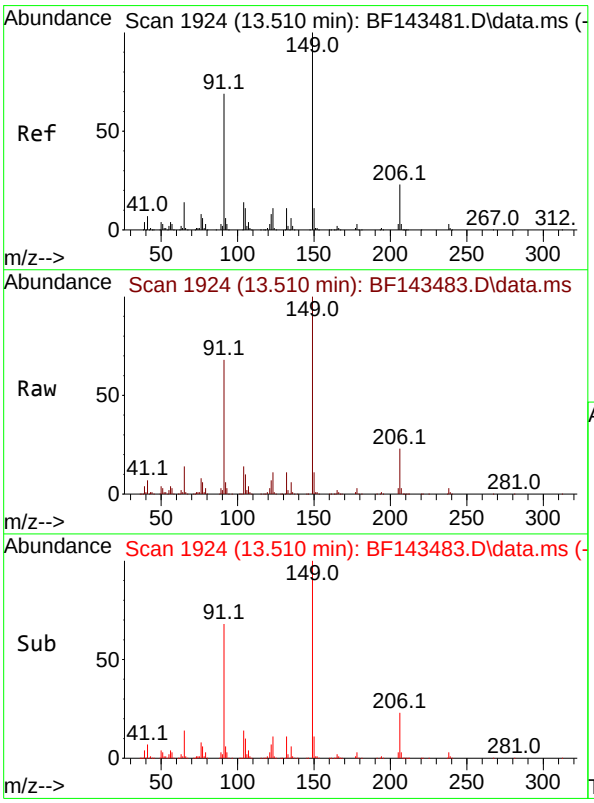
#79
Terphenyl-d14
Concen: 110.129 ng
RT: 13.039 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp: 1434829

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	9.8	7.9	11.9

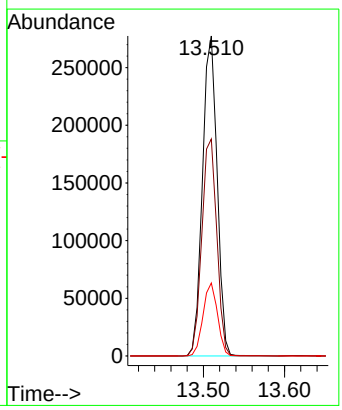


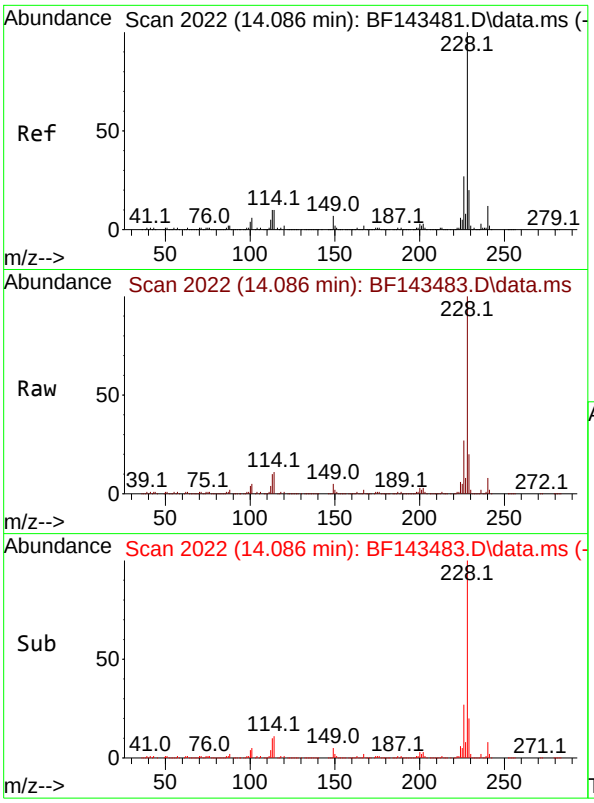


#80
Butylbenzylphthalate
Concen: 68.017 ng
RT: 13.510 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:149 Resp: 347496

Ion	Ratio	Lower	Upper
149	100		
91	67.8	55.3	82.9
206	22.8	18.2	27.4



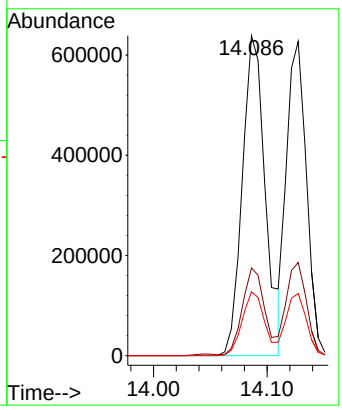


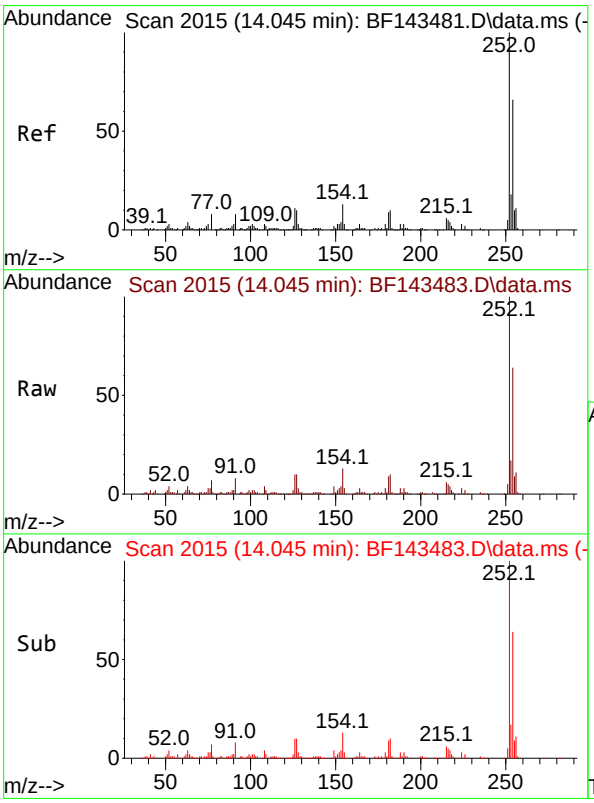
#81
Benzo(a)anthracene
Concen: 61.318 ng
RT: 14.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 897535

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.7	32.5
229	20.0	15.7	23.5

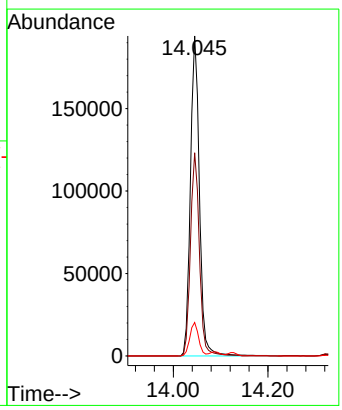


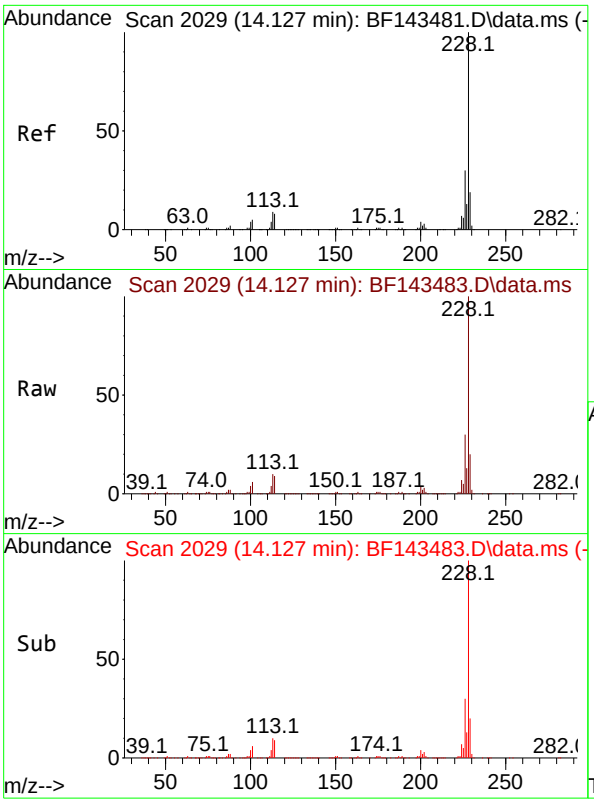


#82
3,3'-Dichlorobenzidine
Concen: 61.324 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:252 Resp: 257059

Ion	Ratio	Lower	Upper
252	100		
254	63.5	52.6	79.0
126	10.4	8.7	13.1



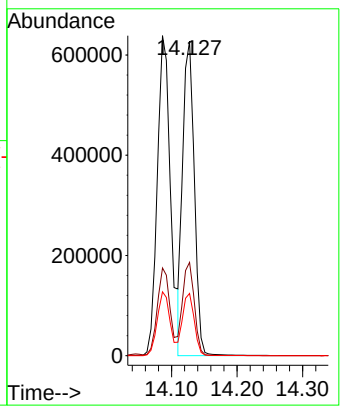


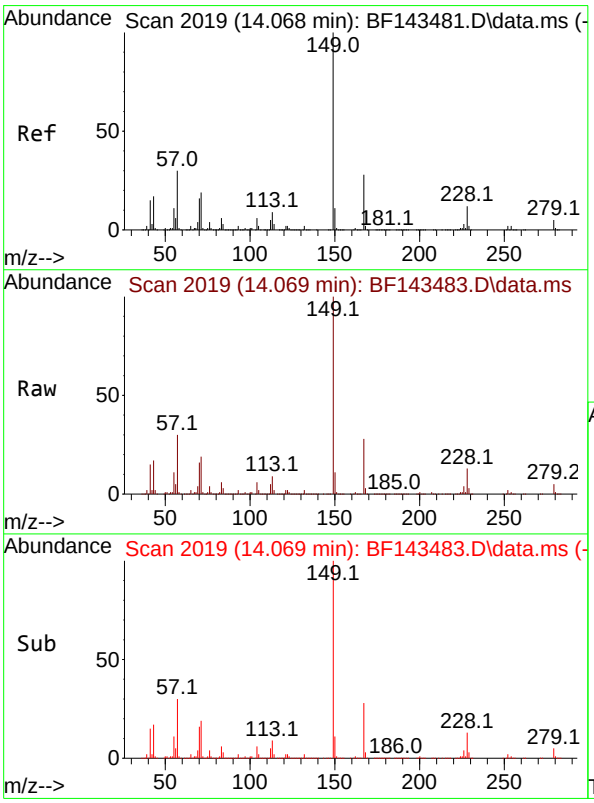
#83
Chrysene
Concen: 58.342 ng
RT: 14.127 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 767443

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.7	35.5
229	19.8	15.7	23.5

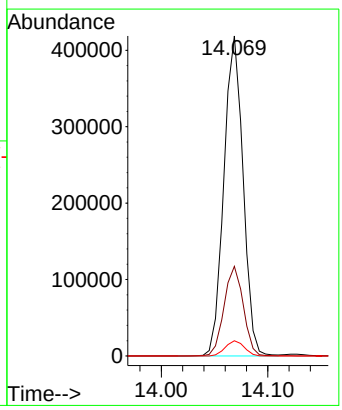


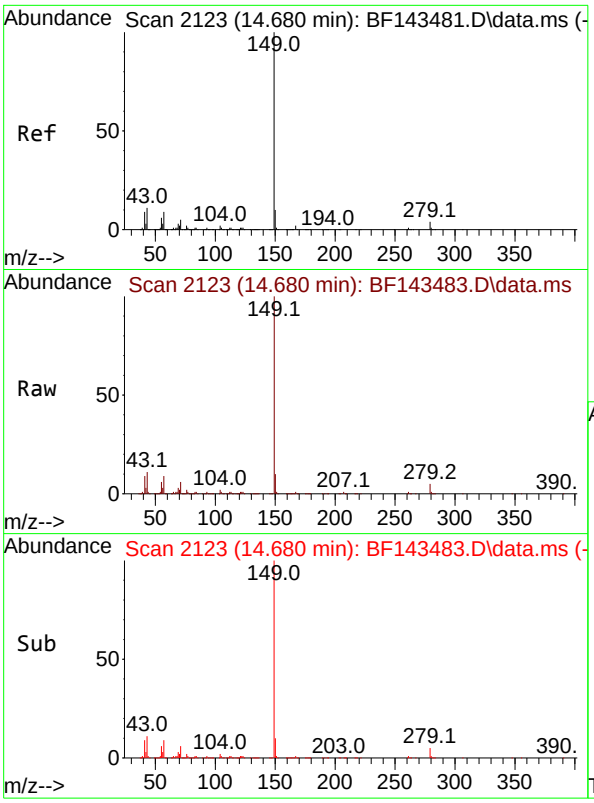


#84
Bis(2-ethylhexyl)phthalate
Concen: 67.227 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:149 Resp: 523115

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.2	33.2
279	4.7	3.6	5.4



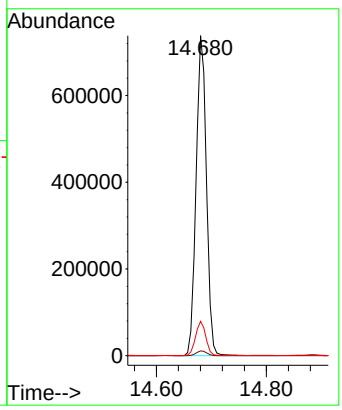


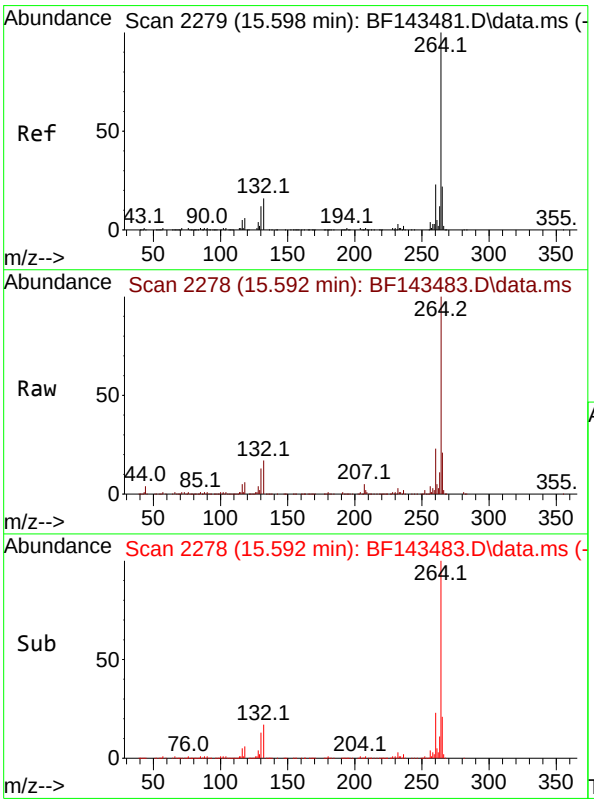
#85
Di-n-octyl phthalate
Concen: 66.864 ng
RT: 14.680 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 963857

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.5	8.5	12.7

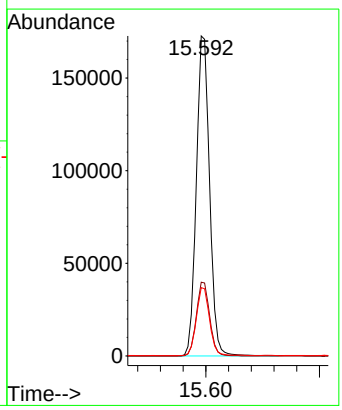


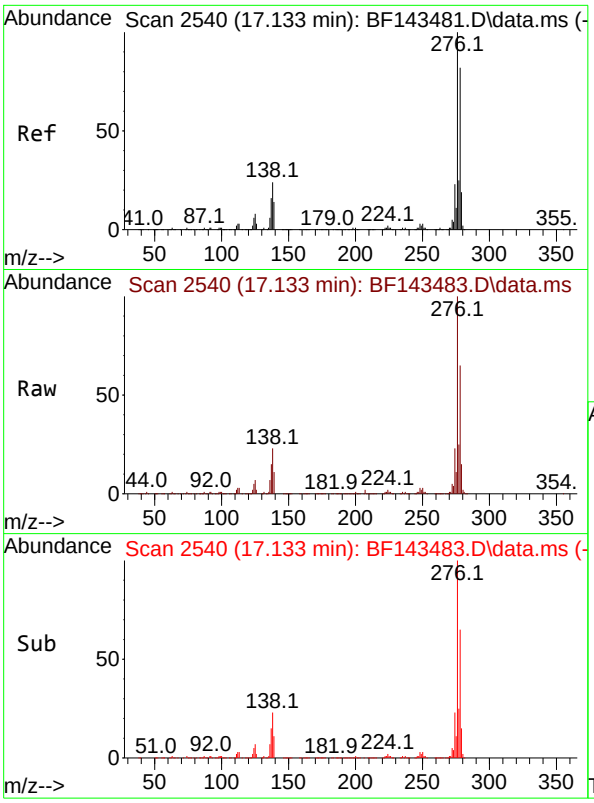


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:264 Resp: 280304

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.4	17.6	26.4



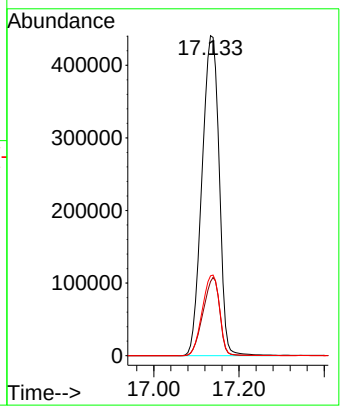


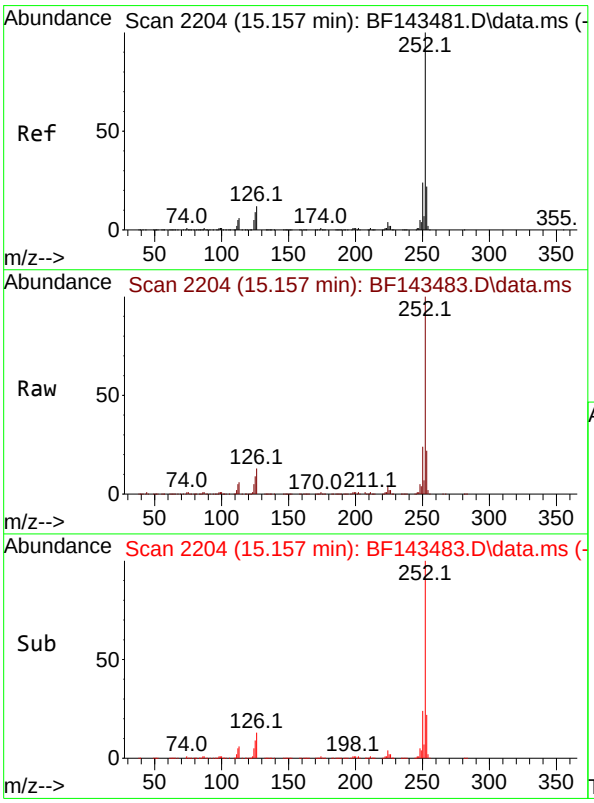
#87
Indeno(1,2,3-cd)pyrene
Concen: 61.208 ng
RT: 17.133 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 1232879

Ion	Ratio	Lower	Upper
276	100		
138	23.7	19.2	28.8
277	25.4	20.3	30.5

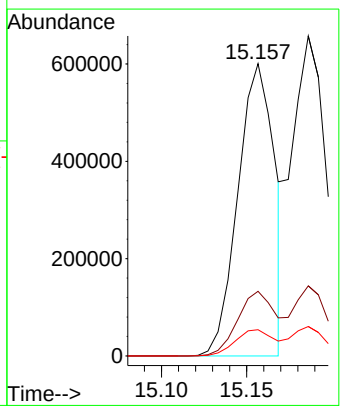


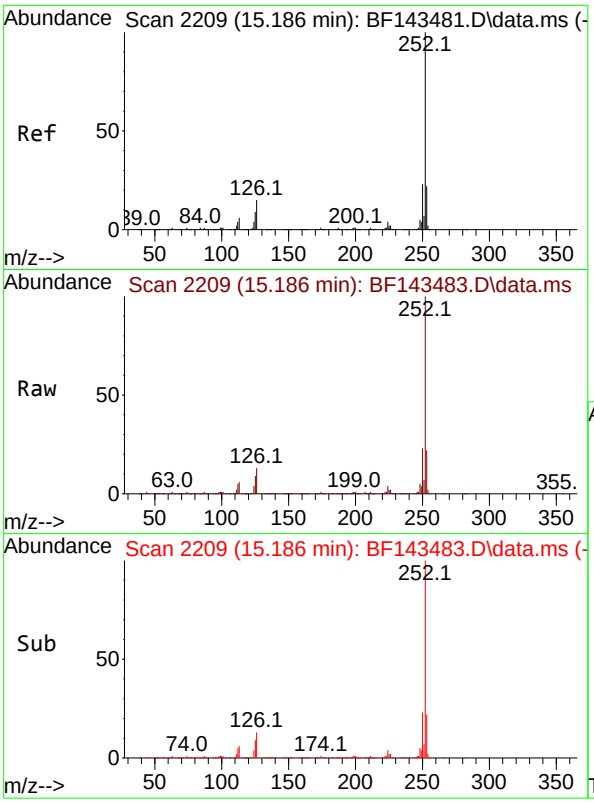


#88
Benzo(b)fluoranthene
Concen: 57.622 ng
RT: 15.157 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:252 Resp: 897808

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	9.0	7.4	11.0



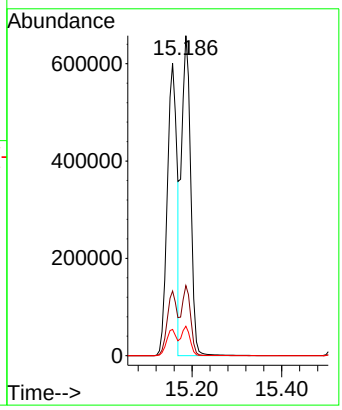


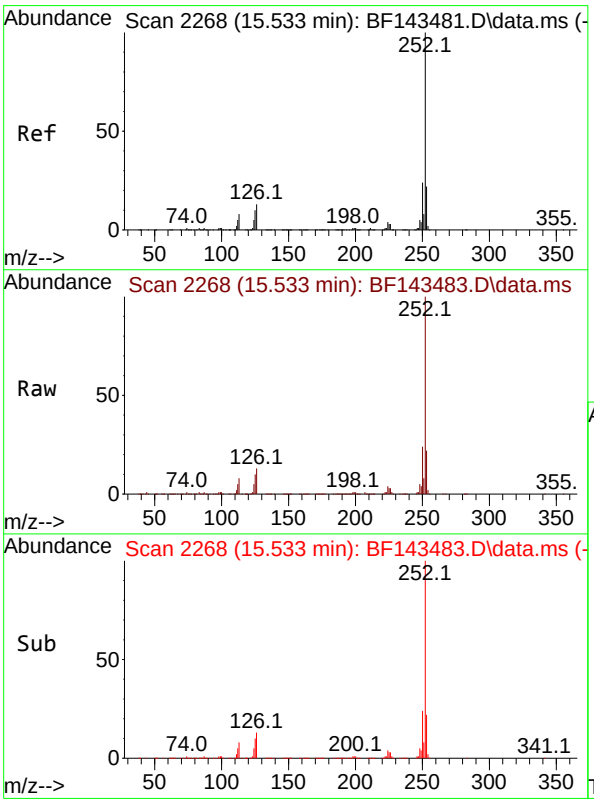
#89
Benzo(k)fluoranthene
Concen: 62.250 ng
RT: 15.186 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 928660

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	9.2	7.4	11.0

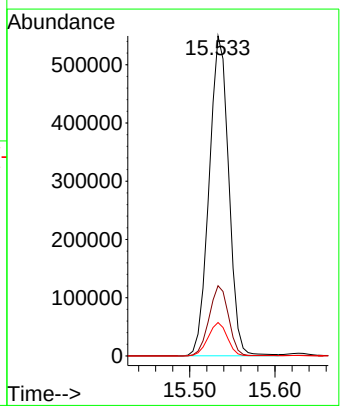


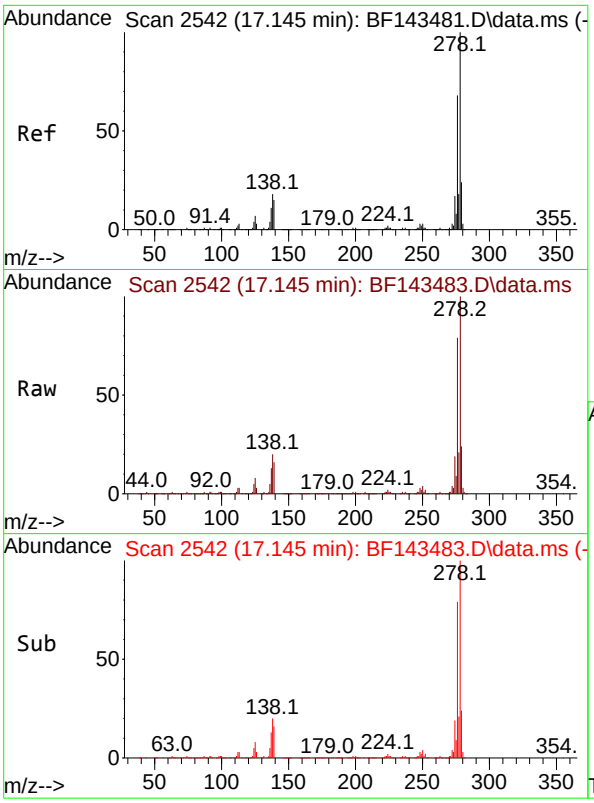


#90
Benzo(a)pyrene
Concen: 60.630 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:252 Resp: 876864

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	10.4	8.2	12.2



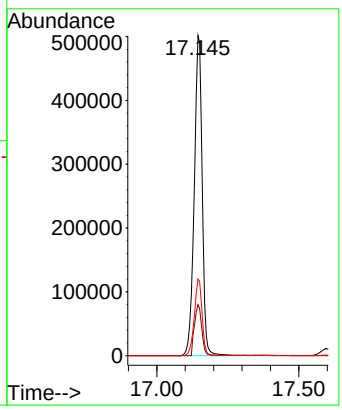


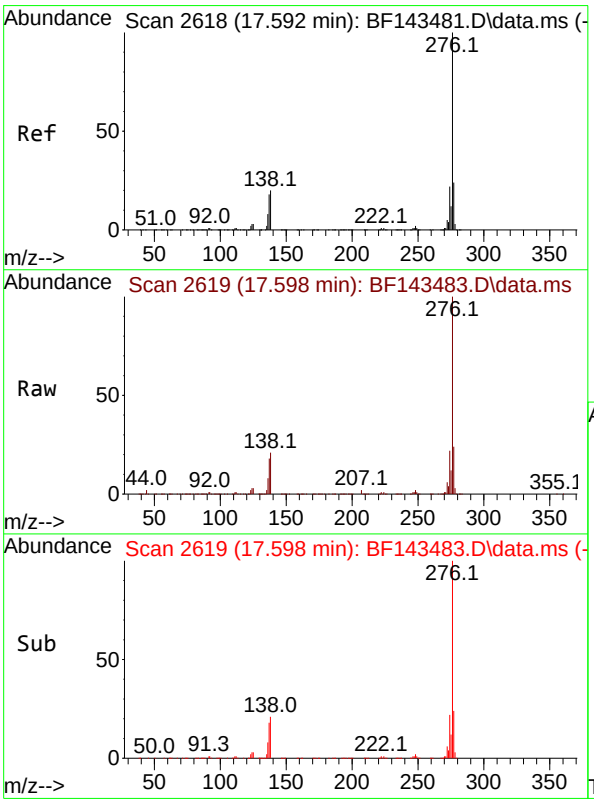
#91
Dibenzo(a,h)anthracene
Concen: 60.896 ng
RT: 17.145 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 982366

Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.1	18.1
279	23.9	19.2	28.8

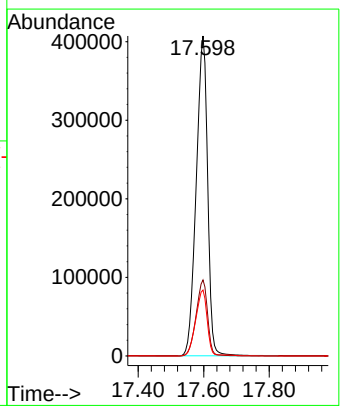




#92
Benzo(g,h,i)perylene
Concen: 61.444 ng
RT: 17.598 min Scan# 2619
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:276 Resp: 985608

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	20.6	16.3	24.5



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143484.D
Acq On : 20 Aug 2025 14:20
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Aug 20 16:23:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	125123	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	471095	20.000	ng		0.00
39) Acenaphthene-d10	9.969	164	252899	20.000	ng		0.00
64) Phenanthrene-d10	11.457	188	380140	20.000	ng		0.00
76) Chrysene-d12	14.104	240	250059	20.000	ng		0.00
86) Perylene-d12	15.598	264	296923	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	1062268	148.245	ng		0.00
7) Phenol-d6	6.575	99	1300018	146.969	ng		0.00
23) Nitrobenzene-d5	7.498	82	1224256	151.649	ng		0.00
42) 2,4,6-Tribromophenol	10.763	330	358471	152.274	ng		0.00
45) 2-Fluorobiphenyl	9.286	172	2022059	132.140	ng		0.00
79) Terphenyl-d14	13.039	244	1808474	126.204	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	261319	78.723	ng		99
3) Pyridine	3.516	79	711417	80.466	ng		98
4) n-Nitrosodimethylamine	3.475	42	324491	81.643	ng		98
6) Aniline	6.593	93	857604	72.534	ng	#	69
8) 2-Chlorophenol	6.722	128	601470	75.996	ng		99
10) Phenol	6.587	94	725059	71.153	ng		89
11) bis(2-Chloroethyl)ether	6.663	93	578357	75.951	ng		99
12) 1,3-Dichlorobenzene	6.875	146	659299	74.140	ng		100
13) 1,4-Dichlorobenzene	6.945	146	652783	73.180	ng		99
14) 1,2-Dichlorobenzene	7.098	146	617296	73.091	ng		99
15) Benzyl Alcohol	7.075	79	521147	78.692	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.198	45	852253	69.956	ng		82
17) 2-Methylphenol	7.187	107	480610	75.661	ng		98
18) Hexachloroethane	7.445	117	228092	75.207	ng		95
19) n-Nitroso-di-n-propyla...	7.351	70	391129	72.344	ng		99
20) 3+4-Methylphenols	7.340	107	538601	71.028	ng		97
22) Acetophenone	7.340	105	720554	70.797	ng	#	98
24) Nitrobenzene	7.516	77	634384	76.350	ng		99
25) Isophorone	7.757	82	1136551	76.802	ng		99
26) 2-Nitrophenol	7.828	139	326185	80.143	ng		99
27) 2,4-Dimethylphenol	7.869	122	473860	74.687	ng		99
28) bis(2-Chloroethoxy)met...	7.957	93	673547	74.061	ng		100
29) 2,4-Dichlorophenol	8.075	162	501321	73.984	ng		99
30) 1,2,4-Trichlorobenzene	8.151	180	515561	74.002	ng		99
31) Naphthalene	8.234	128	1619392	71.600	ng		99
32) Benzoic acid	8.010	122	302185	79.400	ng		99
33) 4-Chloroaniline	8.281	127	593863	73.979	ng		99
34) Hexachlorobutadiene	8.351	225	333754	73.429	ng		99
35) Caprolactam	8.675	113	136369	83.868	ng		99
36) 4-Chloro-3-methylphenol	8.769	107	507643	74.756	ng		99
37) 2-Methylnaphthalene	8.928	142	1059150	70.116	ng		100
38) 1-Methylnaphthalene	9.028	142	1018285	70.472	ng		100
40) 1,2,4,5-Tetrachloroben...	9.092	216	523305	72.341	ng		99
41) Hexachlorocyclopentadiene	9.081	237	224318	79.823	ng		100
43) 2,4,6-Trichlorophenol	9.204	196	342710	76.993	ng		100
44) 2,4,5-Trichlorophenol	9.251	196	369517	75.999	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143484.D
Acq On : 20 Aug 2025 14:20
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Aug 20 16:23:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.392	154	1261514	70.278	ng	100
47) 2-Chloronaphthalene	9.416	162	1020070	72.427	ng	99
48) 2-Nitroaniline	9.510	65	323688	78.529	ng	97
49) Acenaphthylene	9.828	152	1453334	72.067	ng	99
50) Dimethylphthalate	9.681	163	1146434	75.267	ng	100
51) 2,6-Dinitrotoluene	9.751	165	254308	80.559	ng	99
52) Acenaphthene	10.004	154	996259	72.761	ng	100
53) 3-Nitroaniline	9.922	138	272588	79.912	ng	99
54) 2,4-Dinitrophenol	10.028	184	130385	77.416	ng	97
55) Dibenzofuran	10.175	168	1396682	71.547	ng	99
56) 4-Nitrophenol	10.086	139	183388	90.356	ng	97
57) 2,4-Dinitrotoluene	10.157	165	339818	80.619	ng	99
58) Fluorene	10.522	166	1036620	68.995	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.298	232	291172	80.607	ng	100
60) Diethylphthalate	10.386	149	1019464	74.653	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	532970	70.930	ng	100
62) 4-Nitroaniline	10.539	138	253207	80.815	ng	97
63) Azobenzene	10.669	77	1029397	72.699	ng	99
65) 4,6-Dinitro-2-methylph...	10.569	198	190849	89.041	ng	99
66) n-Nitrosodiphenylamine	10.628	169	896806	73.307	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	344616	75.979	ng	98
68) Hexachlorobenzene	11.075	284	369632	75.603	ng	98
69) Atrazine	11.151	200	267710	84.774	ng	98
70) Pentachlorophenol	11.269	266	198658	88.721	ng	100
71) Phenanthrene	11.480	178	1473414	72.378	ng	100
72) Anthracene	11.533	178	1489612	72.232	ng	99
73) Carbazole	11.686	167	1254509	74.240	ng	99
74) Di-n-butylphthalate	12.010	149	1299399	82.429	ng	99
75) Fluoranthene	12.674	202	1310616	71.750	ng	99
77) Benzidine	12.786	184	371810	61.042	ng	100
78) Pyrene	12.904	202	1327454	64.536	ng	100
80) Butylbenzylphthalate	13.510	149	484637	86.247	ng	99
81) Benzo(a)anthracene	14.092	228	1237164	76.847	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	370170	80.290	ng	99
83) Chrysene	14.127	228	1114466	77.031	ng	99
84) Bis(2-ethylhexyl)phtha...	14.069	149	700384	81.836	ng	99
85) Di-n-octyl phthalate	14.686	149	1227818	77.442	ng	100
87) Indeno(1,2,3-cd)pyrene	17.139	276	1538560	72.108	ng	100
88) Benzo(b)fluoranthene	15.157	252	1329385	80.545	ng	99
89) Benzo(k)fluoranthene	15.192	252	1193283	75.511	ng	99
90) Benzo(a)pyrene	15.539	252	1200553	78.365	ng	100
91) Dibenzo(a,h)anthracene	17.157	278	1214959	71.099	ng	100
92) Benzo(g,h,i)perylene	17.604	276	1233571	72.598	ng	99

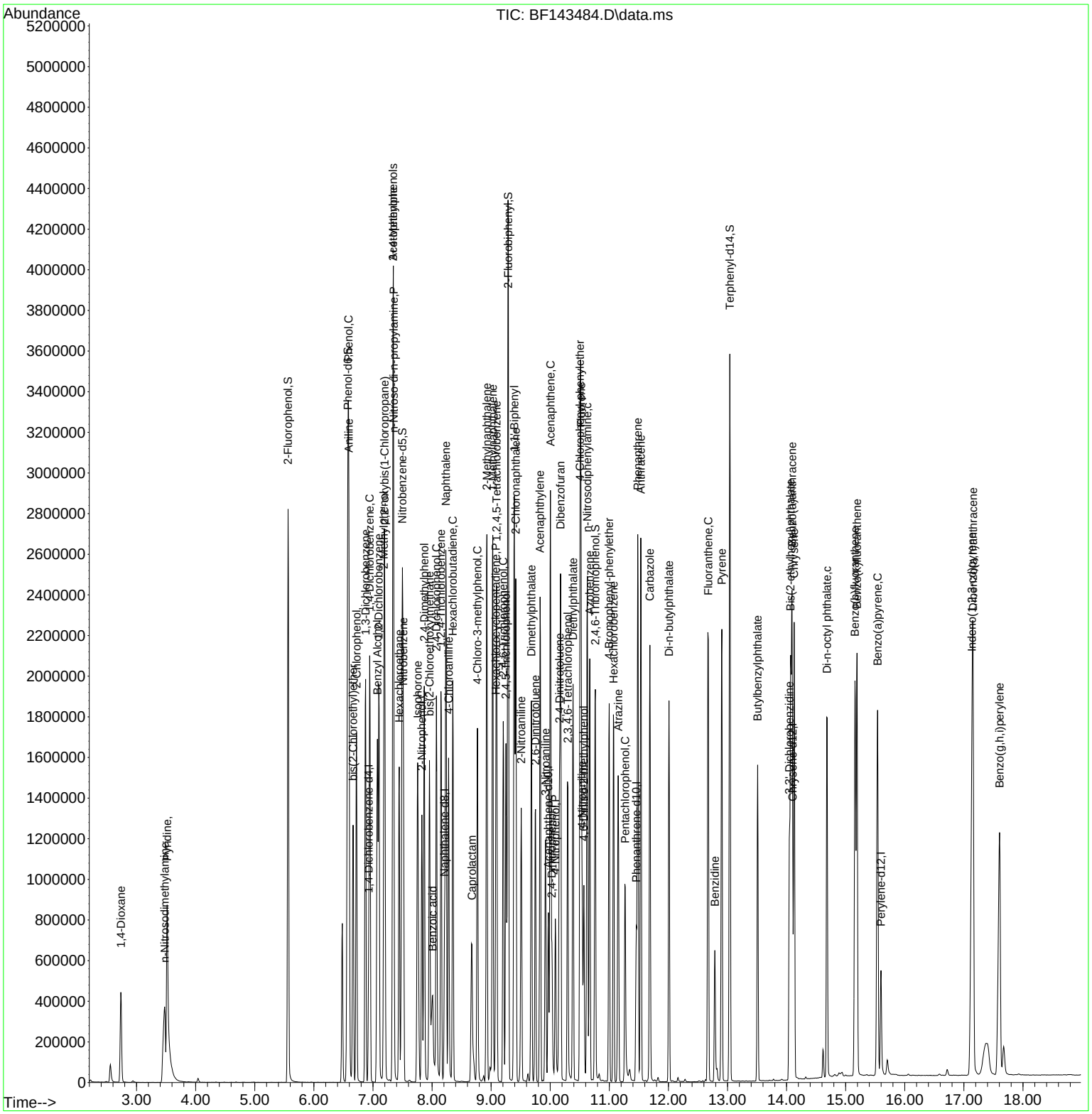
(#) = qualifier out of range (m) = manual integration (+) = signals summed

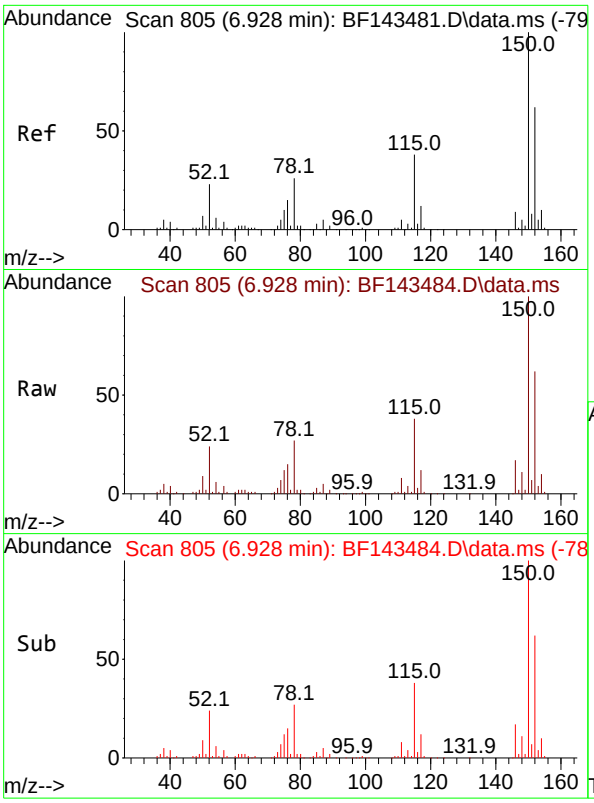
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143484.D
Acq On : 20 Aug 2025 14:20
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Aug 20 16:23:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration



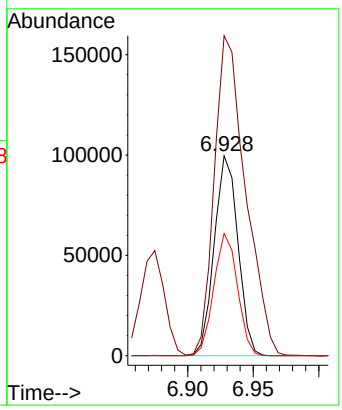


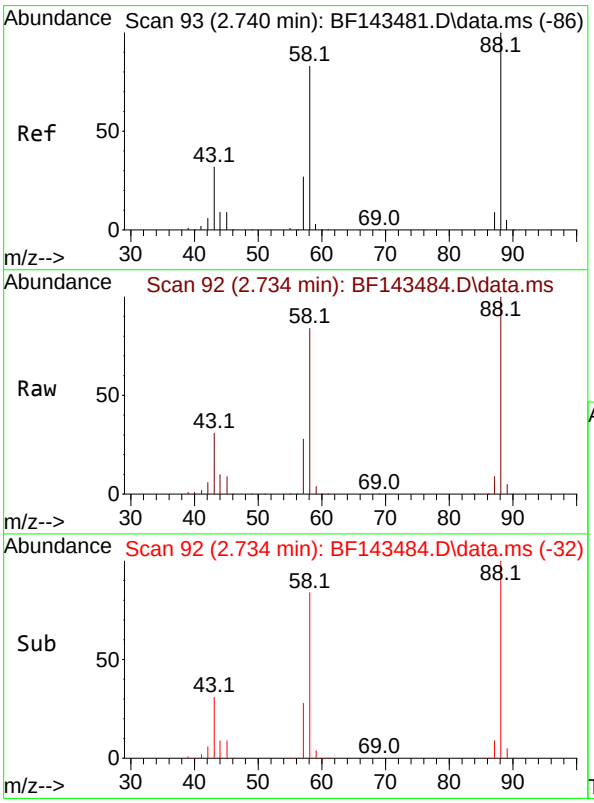
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 125123

Ion	Ratio	Lower	Upper
152	100		
150	160.1	128.9	193.3
115	61.1	49.2	73.8

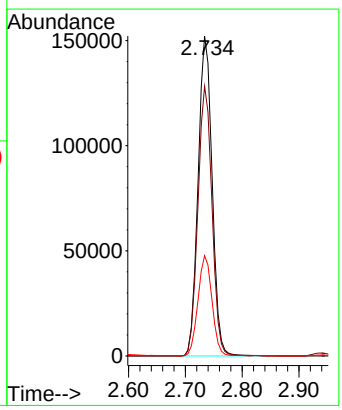


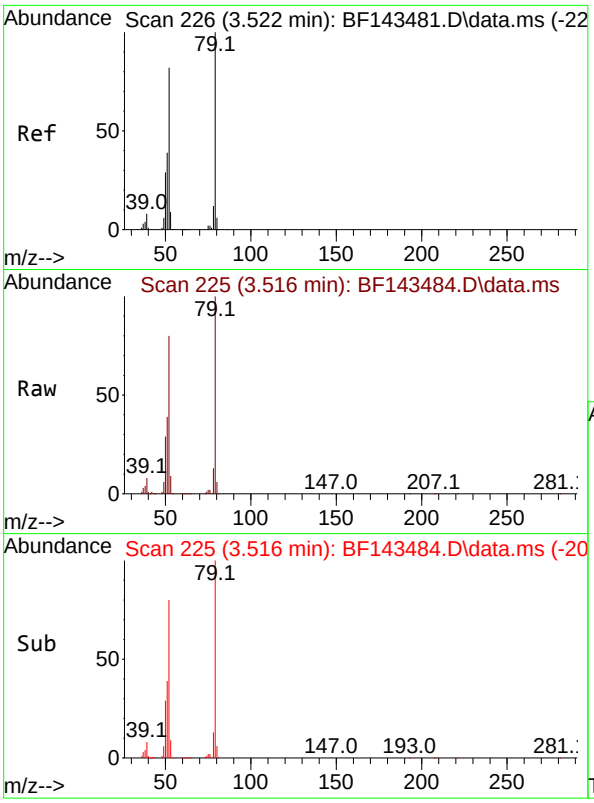


#2
1,4-Dioxane
Concen: 78.723 ng
RT: 2.734 min Scan# 92
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion: 88 Resp: 261319

Ion	Ratio	Lower	Upper
88	100		
58	84.6	66.7	100.1
43	31.5	25.8	38.8



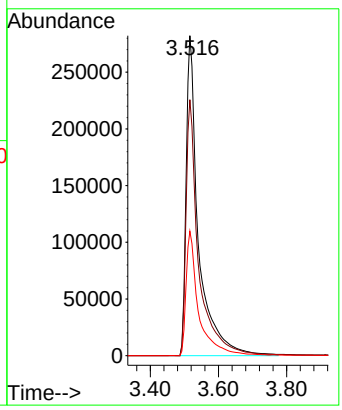


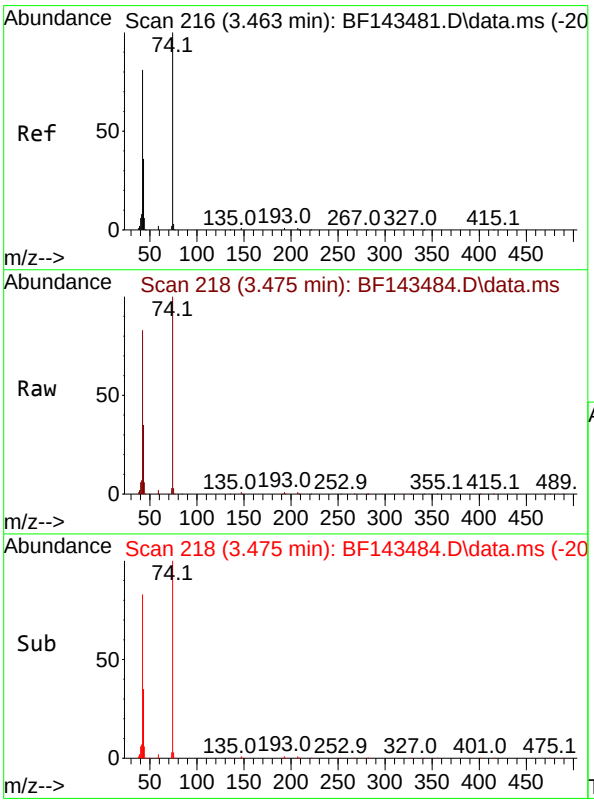
#3
Pyridine
Concen: 80.466 ng
RT: 3.516 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 711417

Ion	Ratio	Lower	Upper
79	100		
52	80.0	65.6	98.4
51	38.9	31.2	46.8

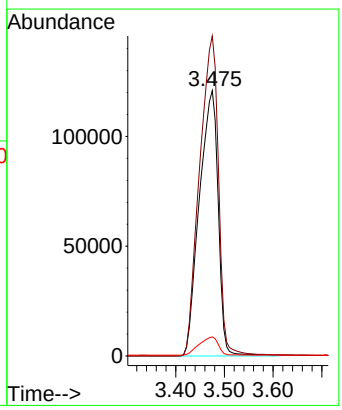


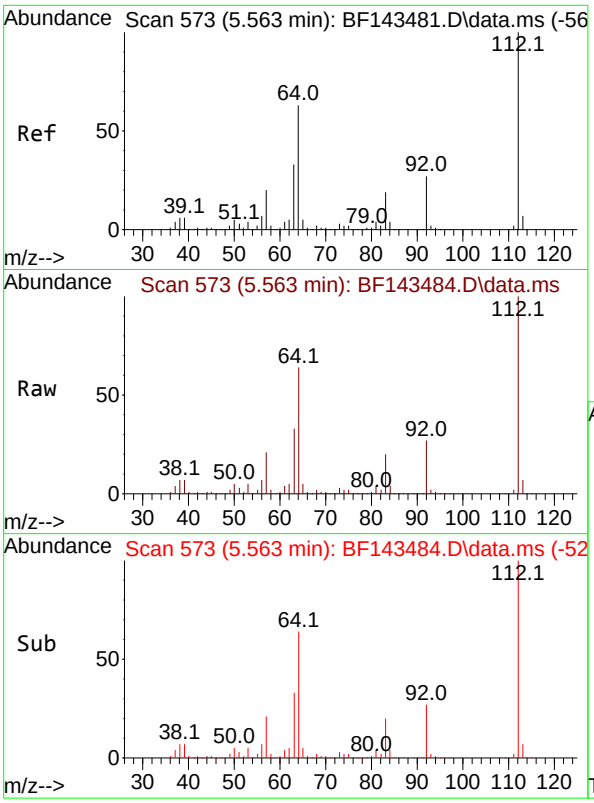


#4
n-Nitrosodimethylamine
Concen: 81.643 ng
RT: 3.475 min Scan# 218
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion: 42 Resp: 324491

Ion	Ratio	Lower	Upper
42	100		
74	120.6	98.6	148.0
44	7.2	5.8	8.8



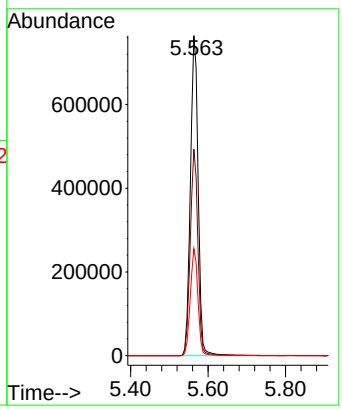


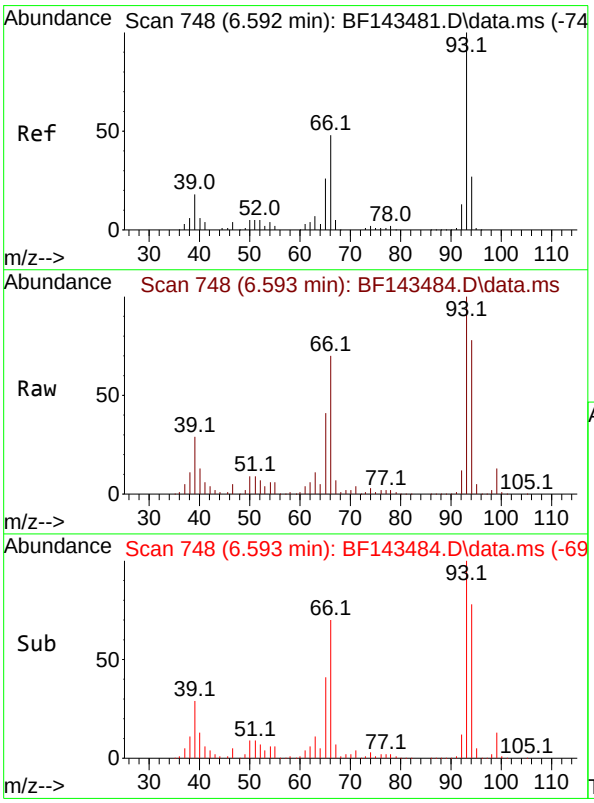
#5
2-Fluorophenol
Concen: 148.245 ng
RT: 5.563 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 1062268

Ion	Ratio	Lower	Upper
112	100		
64	64.5	50.4	75.6
63	33.5	26.4	39.6

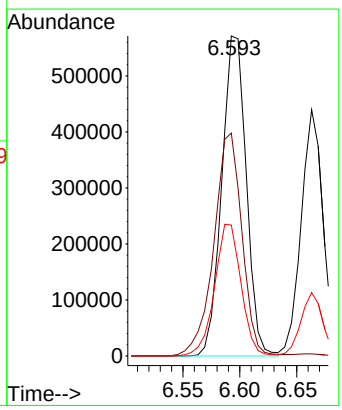


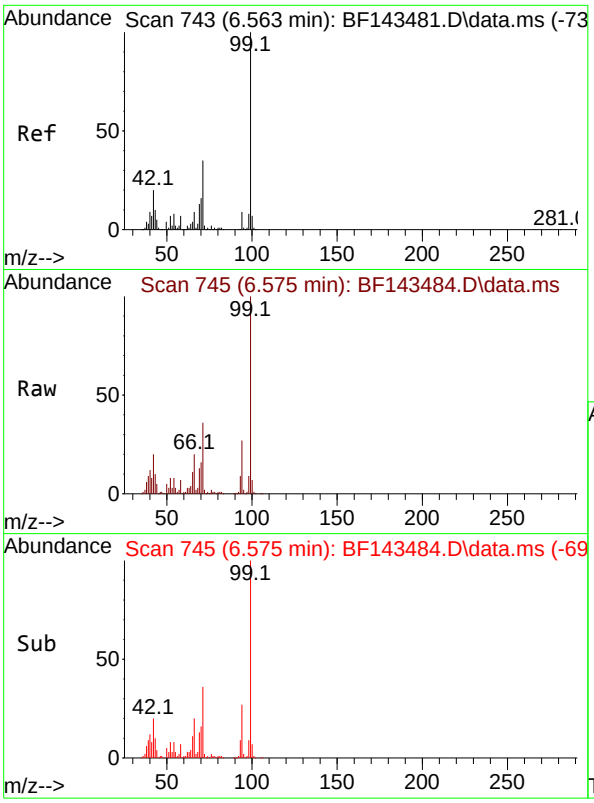


#6
Aniline
Concen: 72.534 ng
RT: 6.593 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion: 93 Resp: 857604

Ion	Ratio	Lower	Upper
93	100		
66	69.7	38.9	58.3#
65	40.9	20.6	30.8#



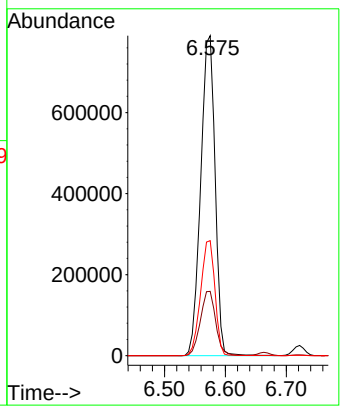


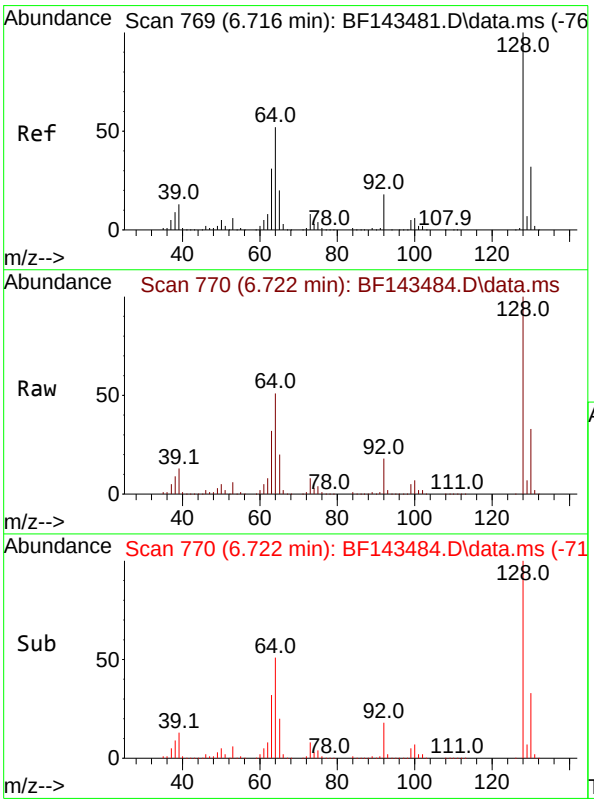
#7
Phenol-d6
Concen: 146.969 ng
RT: 6.575 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 1300018

Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.3	24.5
71	35.9	28.2	42.2

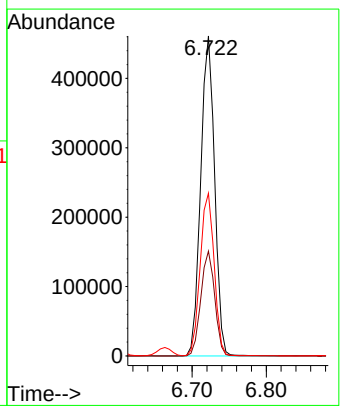


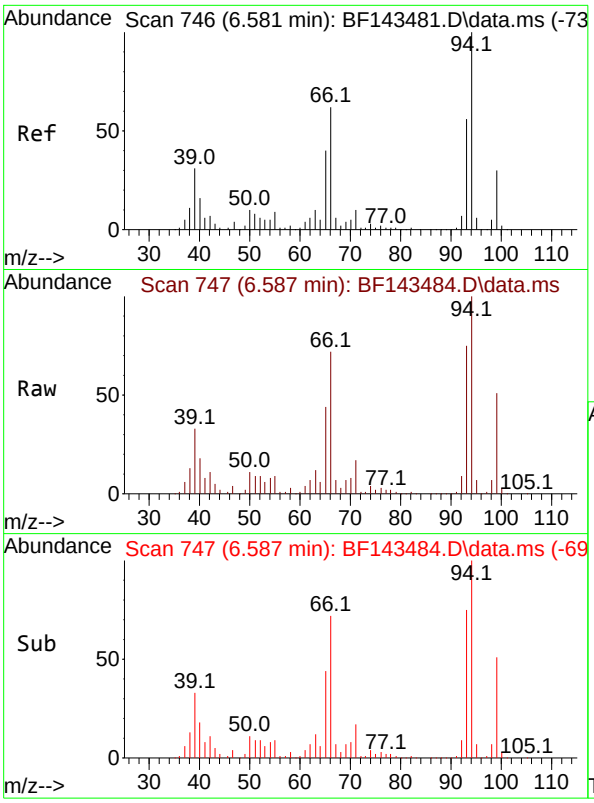


#8
2-Chlorophenol
Concen: 75.996 ng
RT: 6.722 min Scan# 770
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:128 Resp: 601470

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.4	52.4
64	50.8	31.6	71.6



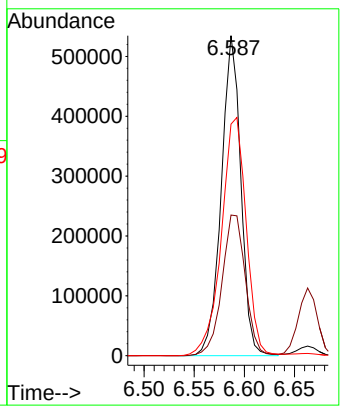


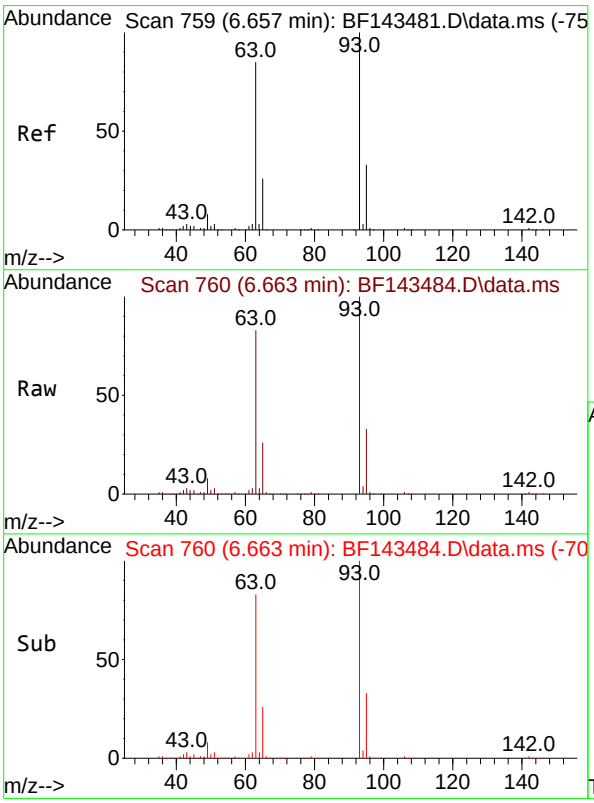
#10
Phenol
Concen: 71.153 ng
RT: 6.587 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 94 Resp: 725059

Ion	Ratio	Lower	Upper
94	100		
65	44.0	19.5	59.5
66	72.4	42.5	82.5

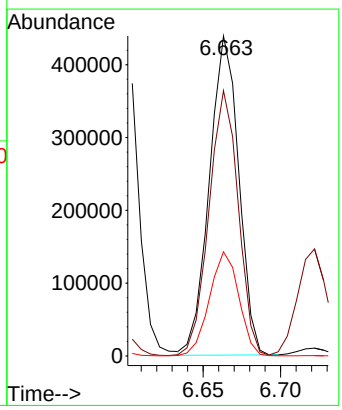


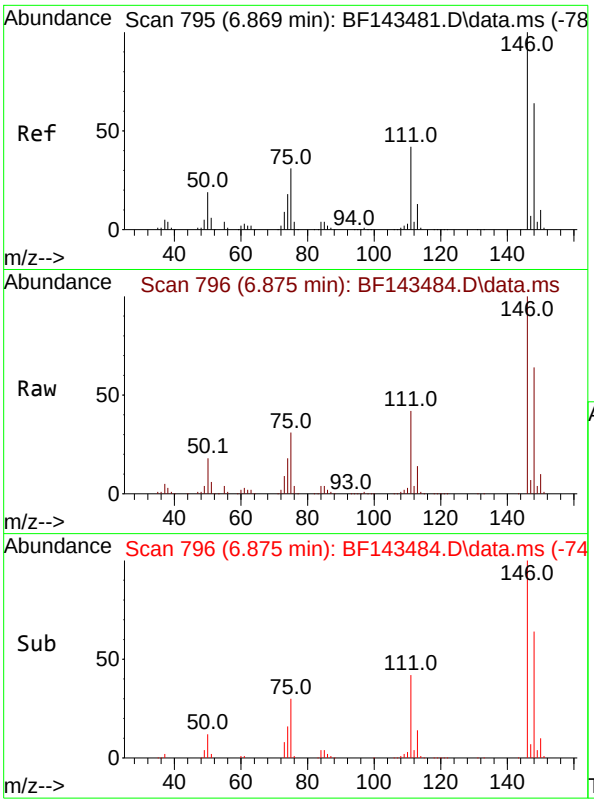


#11
bis(2-Chloroethyl)ether
Concen: 75.951 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion: 93 Resp: 578357

Ion	Ratio	Lower	Upper
93	100		
63	82.9	63.6	103.6
95	32.6	12.8	52.8



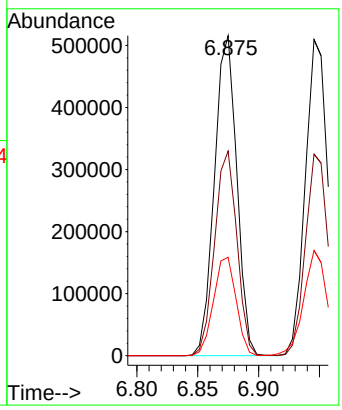


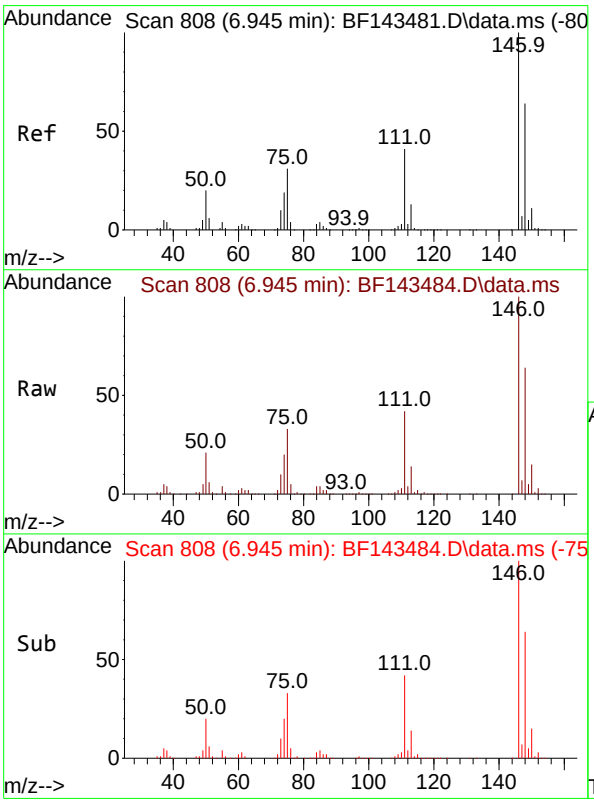
#12
1,3-Dichlorobenzene
Concen: 74.140 ng
RT: 6.875 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 659299

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.3	76.9
75	30.7	24.7	37.1

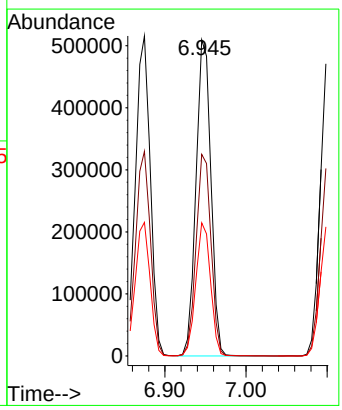


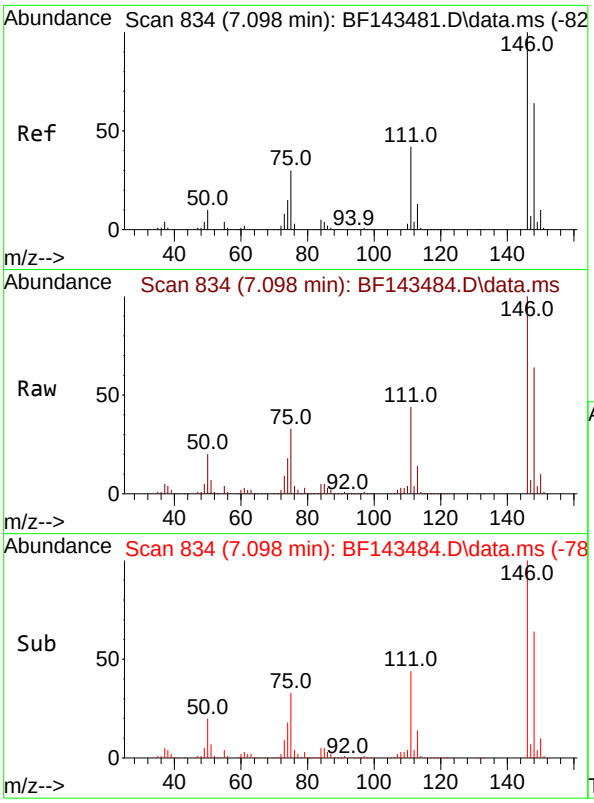


#13
1,4-Dichlorobenzene
Concen: 73.180 ng
RT: 6.945 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:146 Resp: 652783

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.5	77.3
111	42.1	32.6	49.0



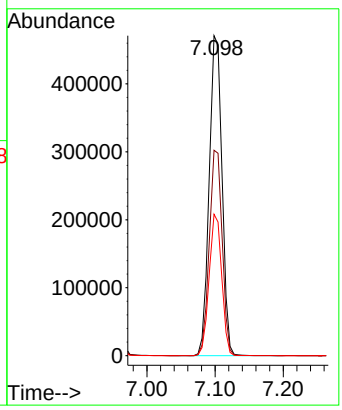


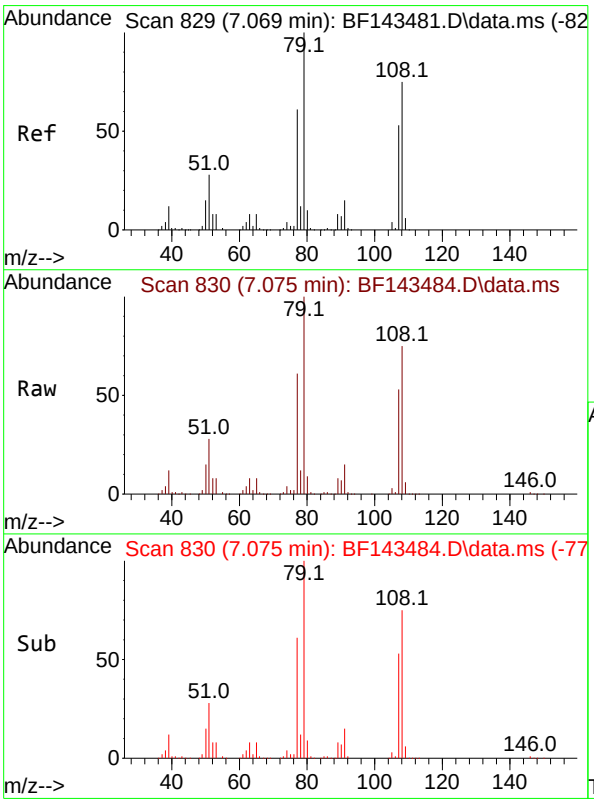
#14
1,2-Dichlorobenzene
Concen: 73.091 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 617296

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.6
111	44.2	34.0	51.0

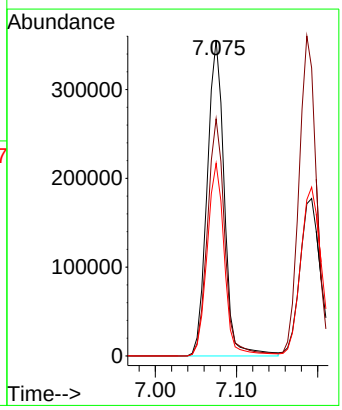


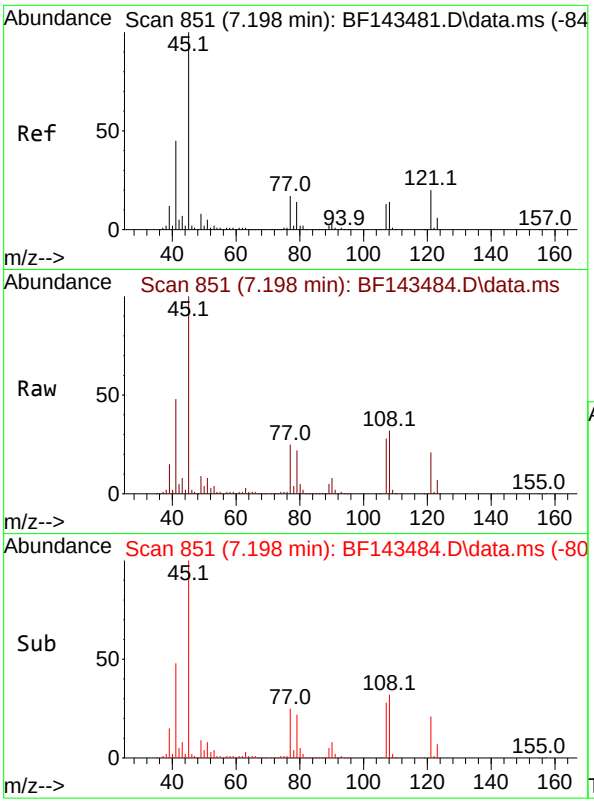


#15
Benzyl Alcohol
Concen: 78.692 ng
RT: 7.075 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion: 79 Resp: 521147

Ion	Ratio	Lower	Upper
79	100		
108	75.1	59.8	89.6
77	61.0	49.0	73.4



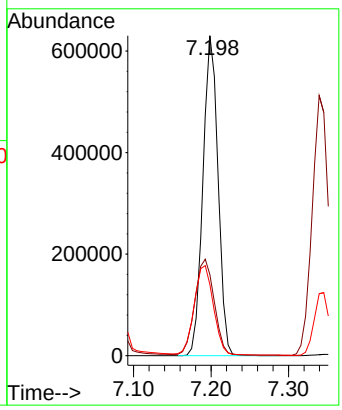


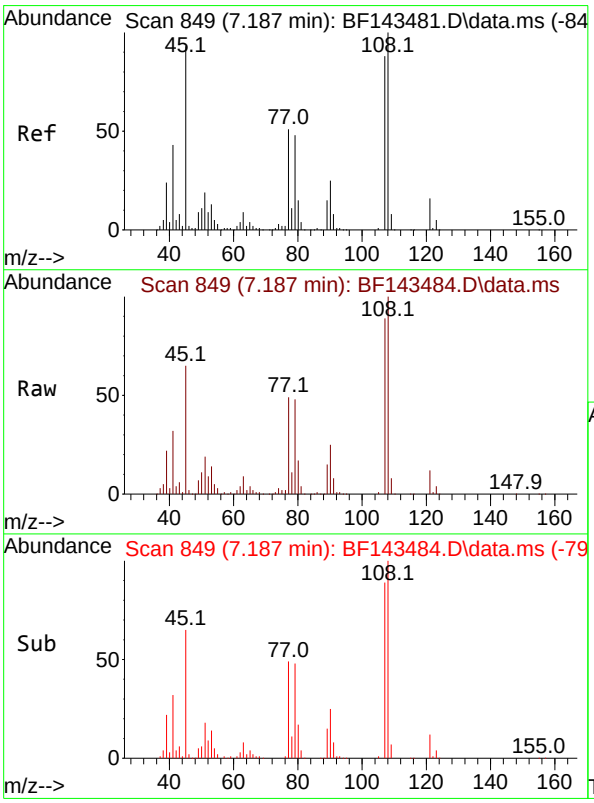
#16
2,2'-oxybis(1-Chloropropane)
Concen: 69.956 ng
RT: 7.198 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 45 Resp: 852253

Ion	Ratio	Lower	Upper
45	100		
77	25.4	0.0	37.9
79	22.3	0.0	34.7

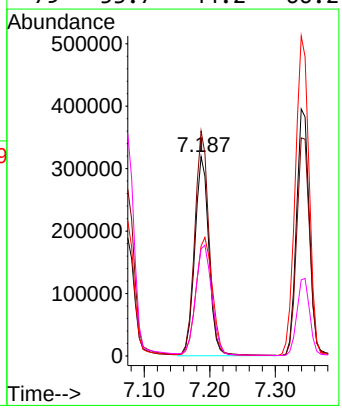


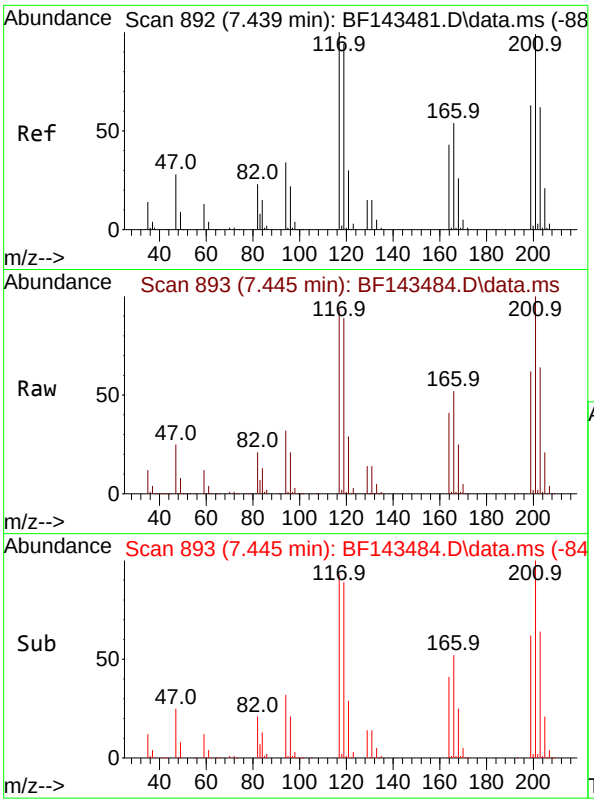


#17
2-Methylphenol
Concen: 75.661 ng
RT: 7.187 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:107 Resp: 480610

Ion	Ratio	Lower	Upper
107	100		
108	112.8	91.1	136.7
77	55.1	46.2	69.4
79	53.7	44.2	66.2



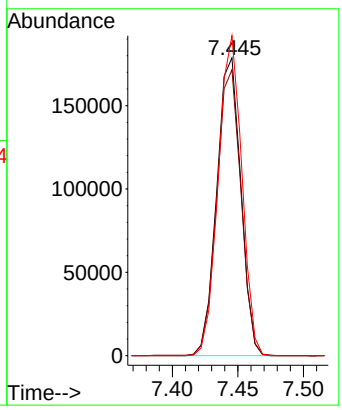


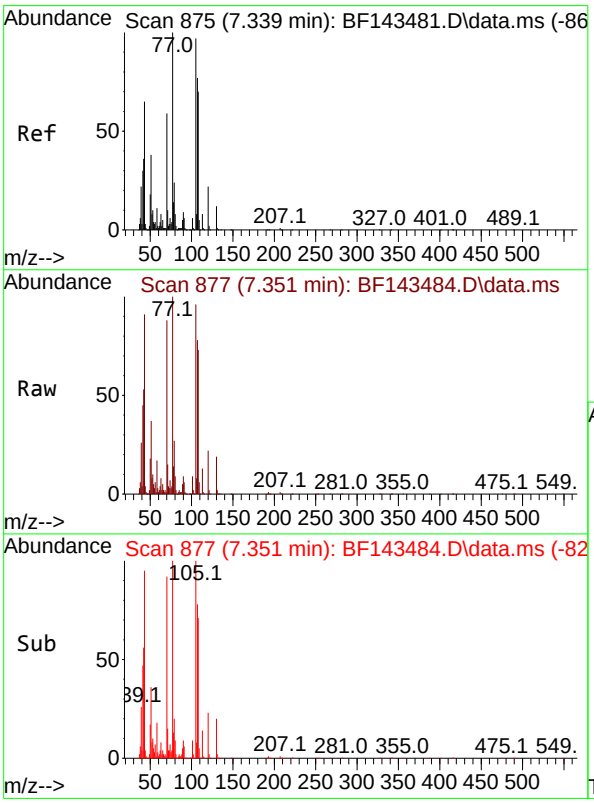
#18
Hexachloroethane
Concen: 75.207 ng
RT: 7.445 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:117 Resp: 228092

Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.4	113.0
201	107.4	79.0	118.4

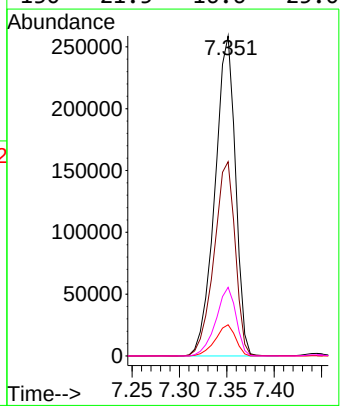


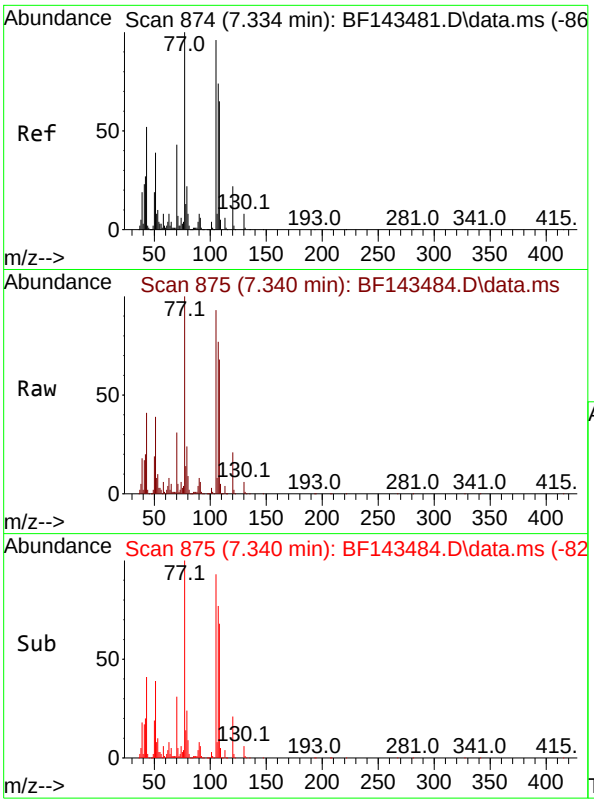


#19
n-Nitroso-di-n-propylamine
Concen: 72.344 ng
RT: 7.351 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion: 70 Resp: 391129

Ion	Ratio	Lower	Upper
70	100		
42	60.7	49.3	73.9
101	9.7	7.8	11.8
130	21.5	16.6	25.0



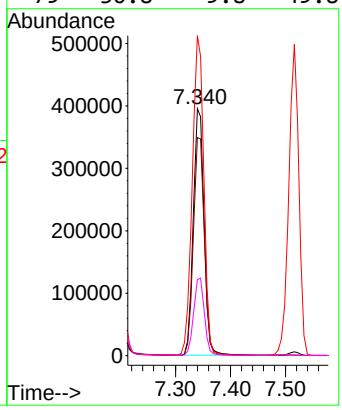


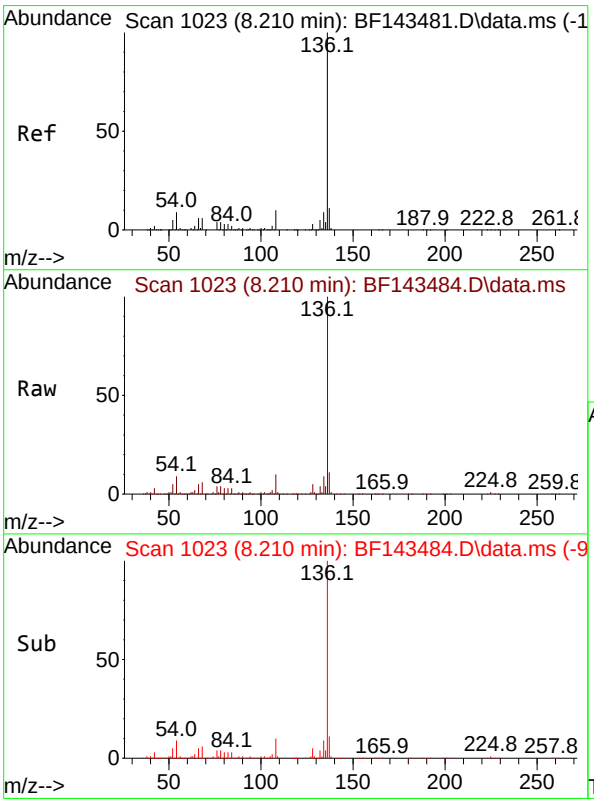
#20
3+4-Methylphenols
Concen: 71.028 ng
RT: 7.340 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 538601

Ion	Ratio	Lower	Upper
107	100		
108	88.3	68.4	108.4
77	129.6	116.1	156.1
79	30.8	9.8	49.8

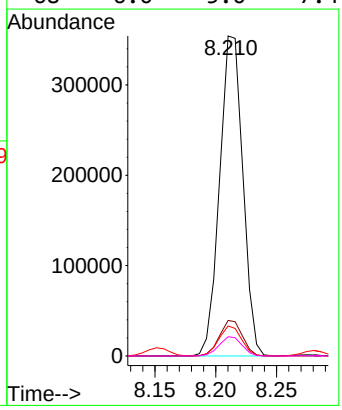


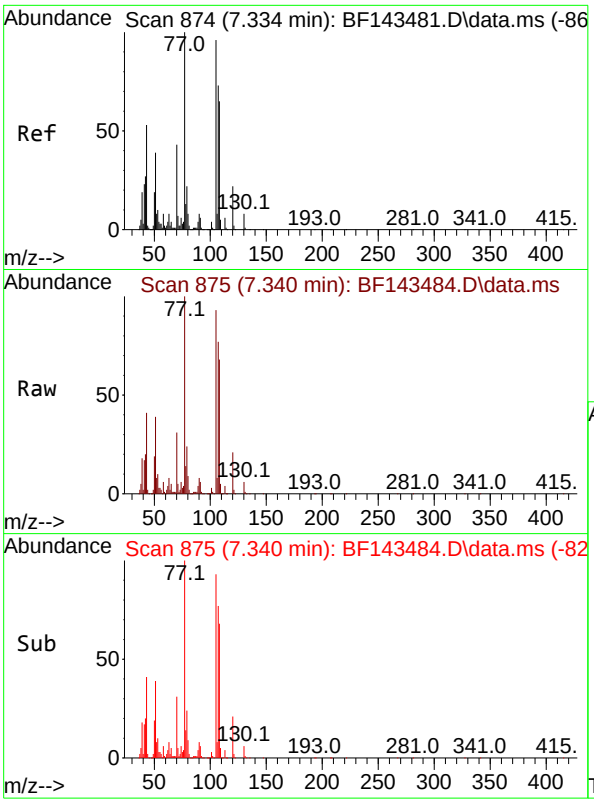


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:136 Resp: 471095

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	9.4	7.4	11.2
68	6.0	5.0	7.4



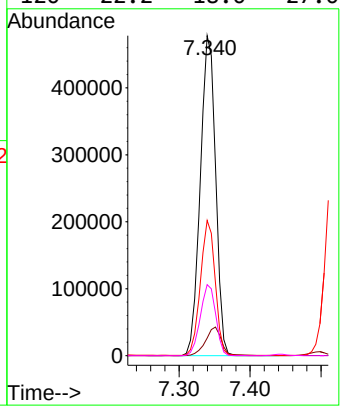


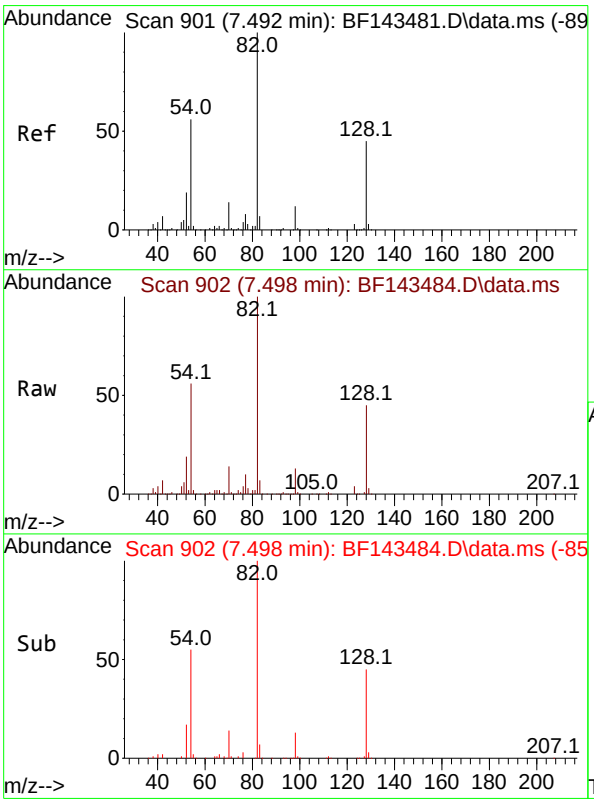
#22
Acetophenone
Concen: 70.797 ng
RT: 7.340 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:105 Resp: 720554

Ion	Ratio	Lower	Upper
105	100		
71	5.5	5.9	8.9#
51	42.2	32.5	48.7
120	22.2	18.0	27.0

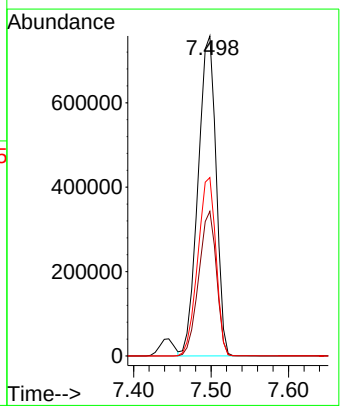


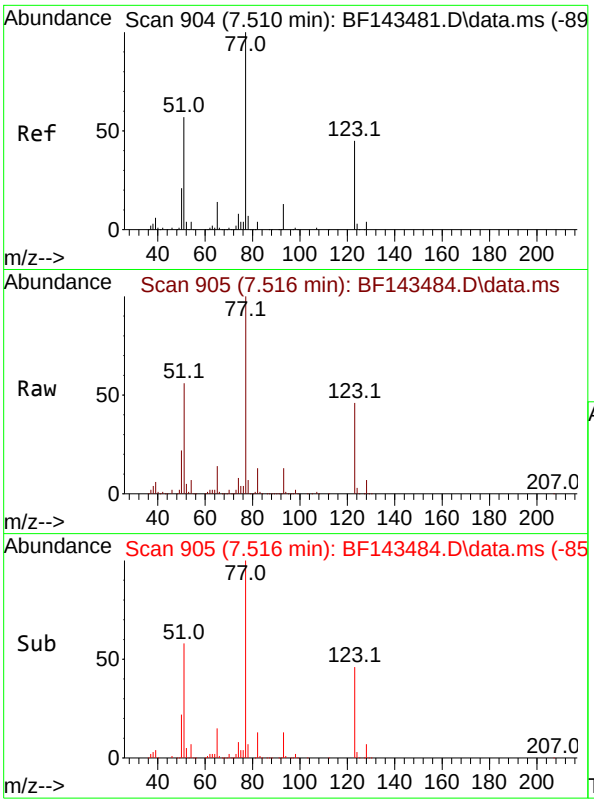


#23
Nitrobenzene-d5
Concen: 151.649 ng
RT: 7.498 min Scan# 902
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion: 82 Resp: 1224256

Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.5	53.3
54	55.7	44.3	66.5



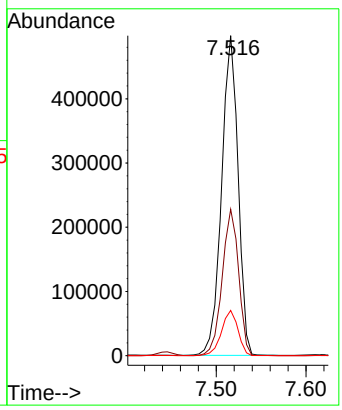


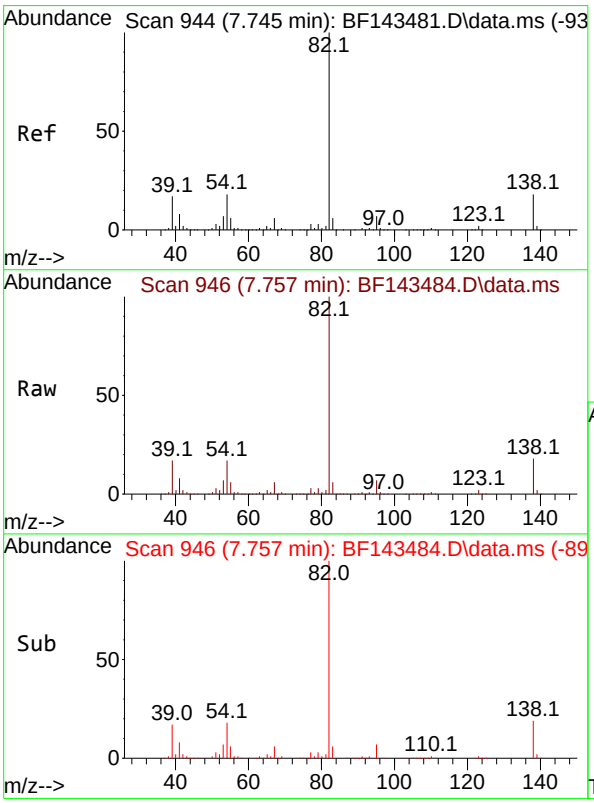
#24
Nitrobenzene
Concen: 76.350 ng
RT: 7.516 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 634384

Ion	Ratio	Lower	Upper
77	100		
123	45.8	36.1	54.1
65	14.2	11.0	16.6

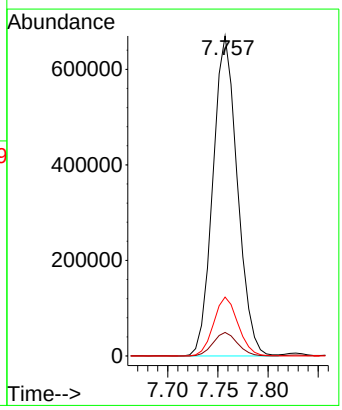


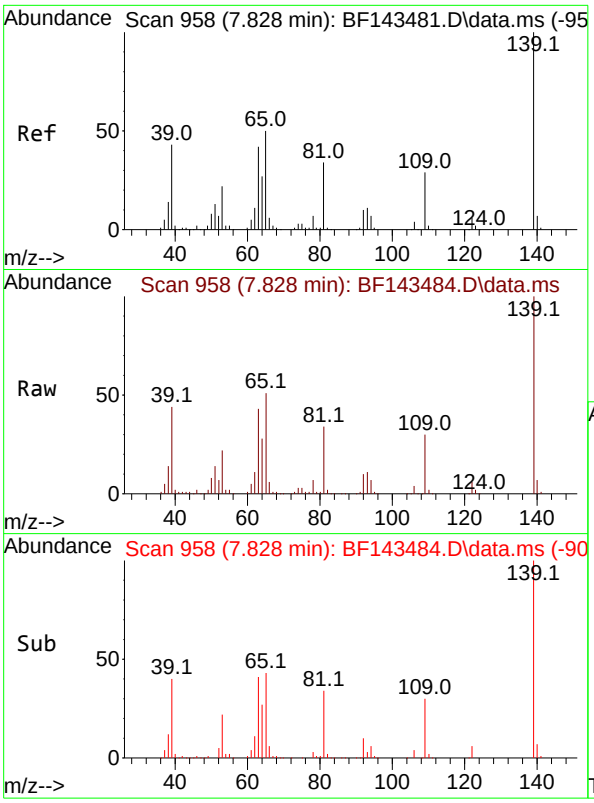


#25
Isophorone
Concen: 76.802 ng
RT: 7.757 min Scan# 946
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion: 82 Resp: 1136551

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.8
138	18.4	14.2	21.4



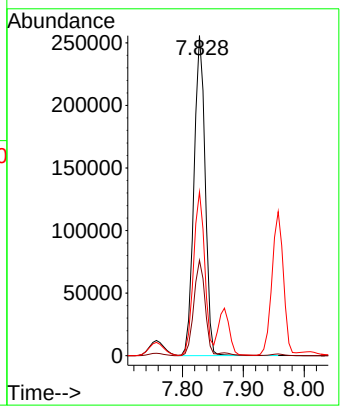


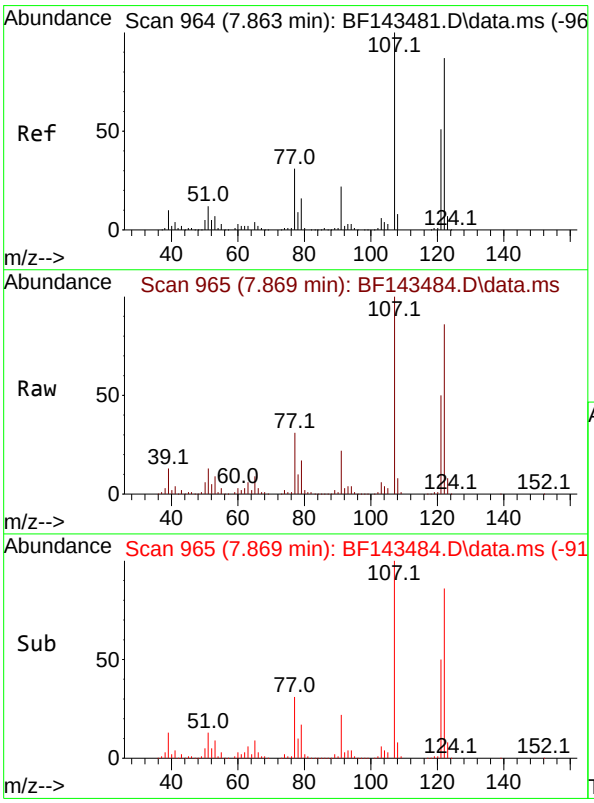
#26
2-Nitrophenol
Concen: 80.143 ng
RT: 7.828 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:139 Resp: 326185

Ion	Ratio	Lower	Upper
139	100		
109	29.8	23.0	34.6
65	51.1	40.3	60.5

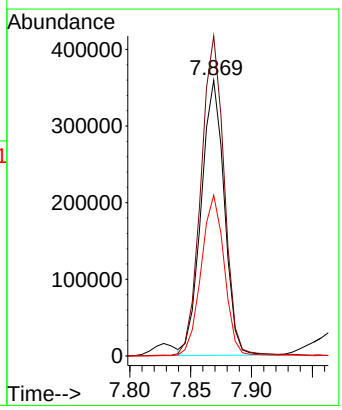


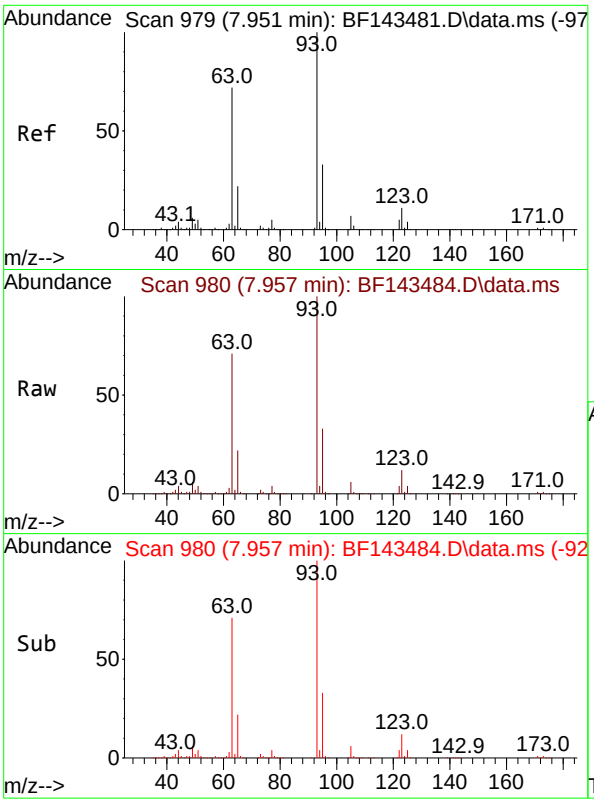


#27
2,4-Dimethylphenol
Concen: 74.687 ng
RT: 7.869 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:122 Resp: 473860

Ion	Ratio	Lower	Upper
122	100		
107	116.1	91.5	137.3
121	58.3	47.0	70.4



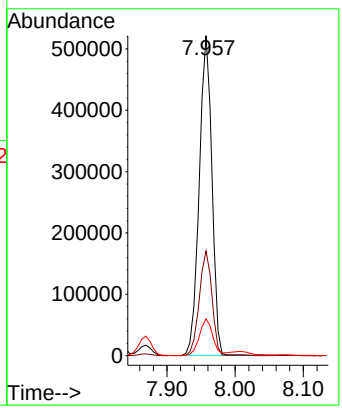


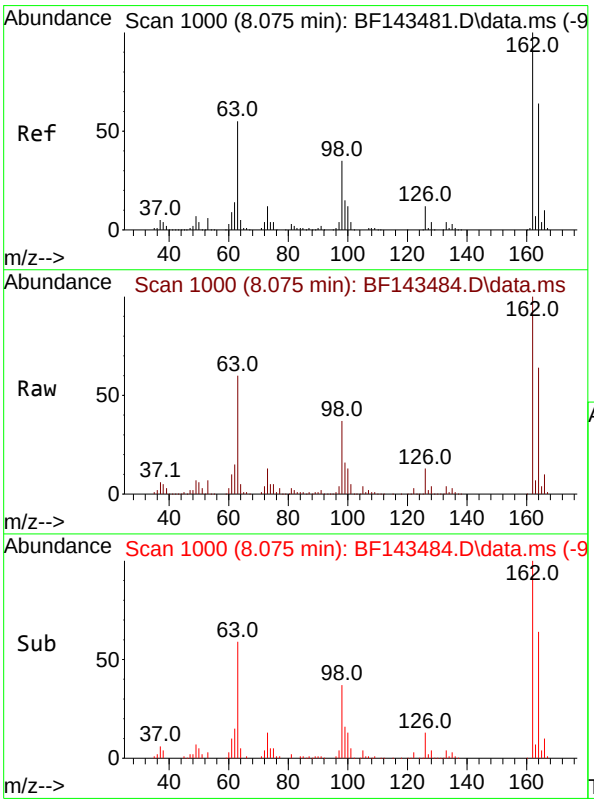
#28
bis(2-Chloroethoxy)methane
Concen: 74.061 ng
RT: 7.957 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 673547

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.0	39.0
123	11.5	9.1	13.7

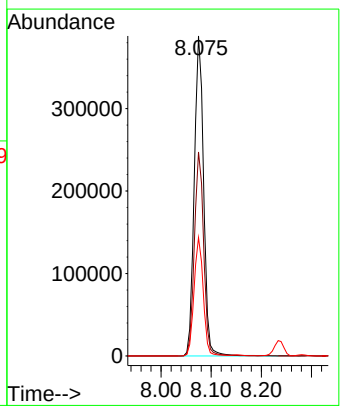


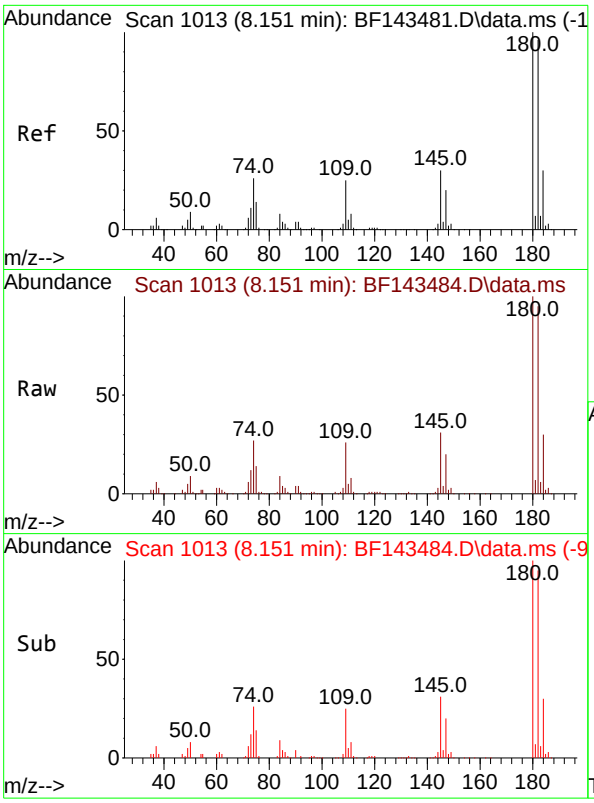


#29
2,4-Dichlorophenol
Concen: 73.984 ng
RT: 8.075 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:162 Resp: 501321

Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.5	83.5
98	37.0	15.1	55.1



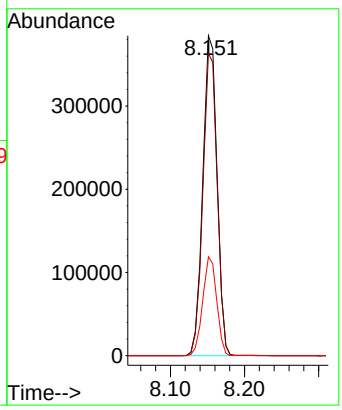


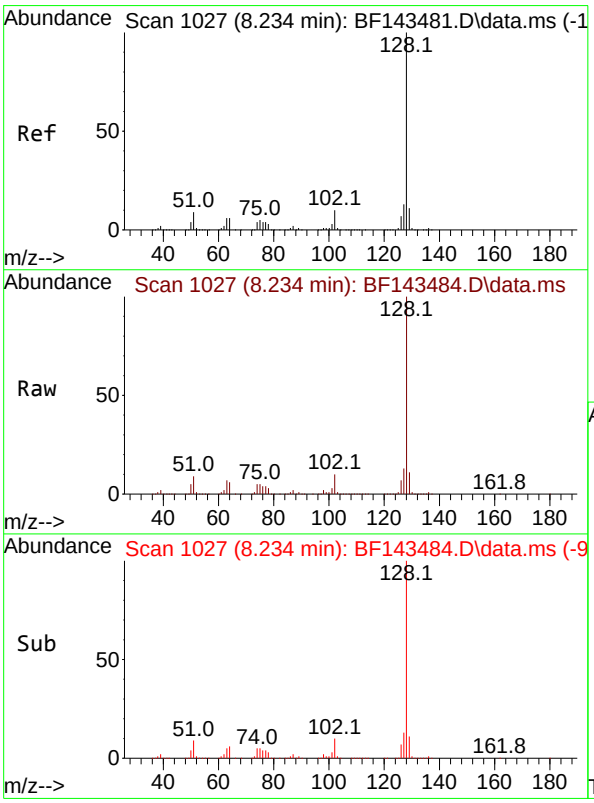
#30
1,2,4-Trichlorobenzene
Concen: 74.002 ng
RT: 8.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:180 Resp: 515561

Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.6	114.8
145	30.9	24.3	36.5

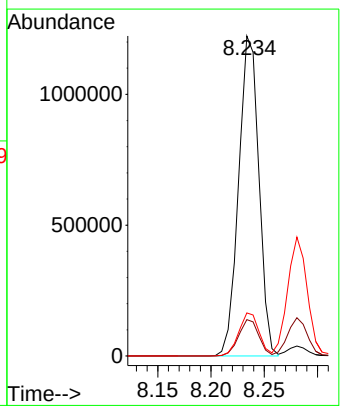


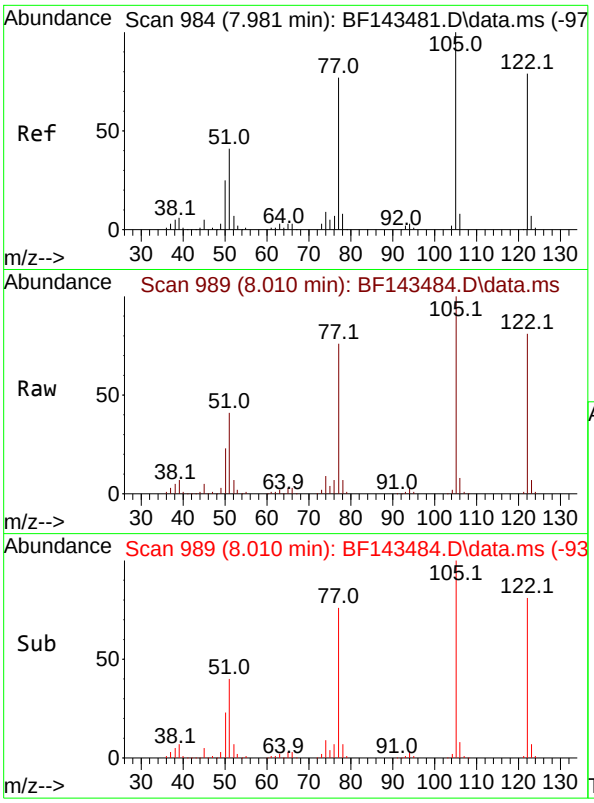


#31
Naphthalene
Concen: 71.600 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:128 Resp: 1619392

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.4	10.6	16.0



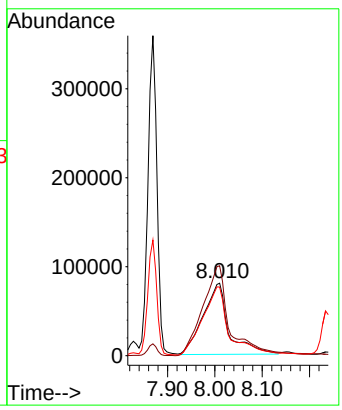


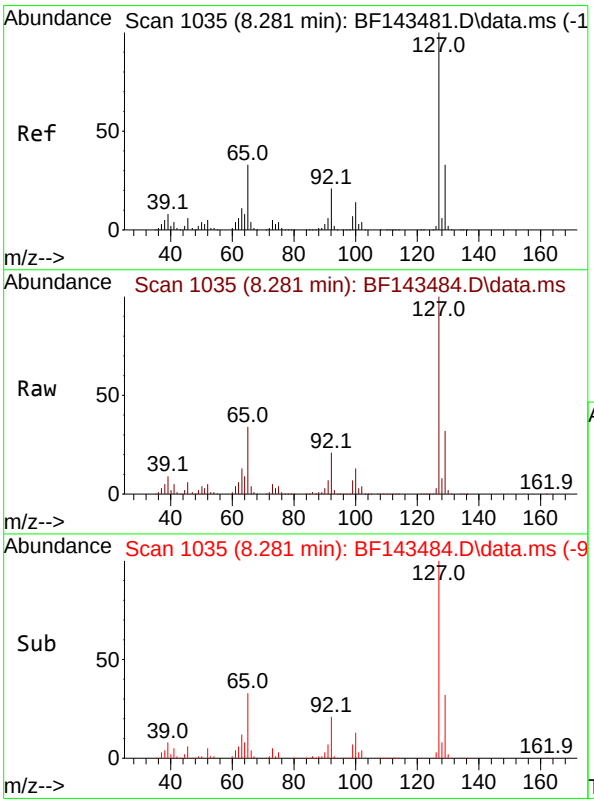
#32
Benzoic acid
Concen: 79.400 ng
RT: 8.010 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:122 Resp: 302185

Ion	Ratio	Lower	Upper
122	100		
105	124.1	104.7	144.7
77	94.8	77.3	117.3

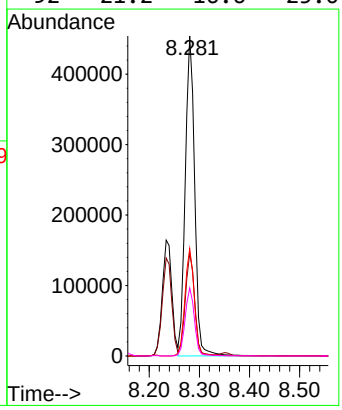


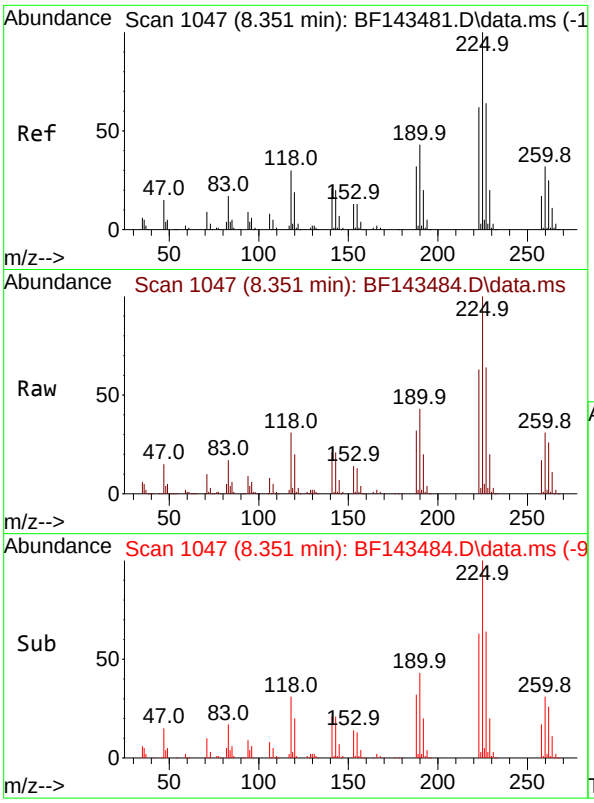


#33
4-Chloroaniline
Concen: 73.979 ng
RT: 8.281 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:127 Resp: 593863

Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.1	39.1
65	33.6	26.2	39.2
92	21.2	16.6	25.0



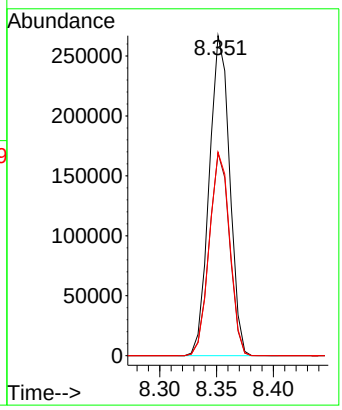


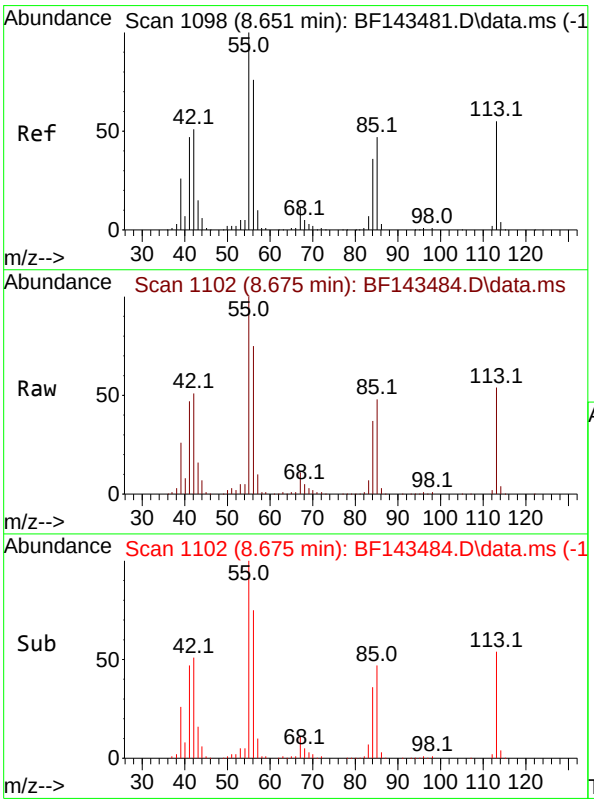
#34
Hexachlorobutadiene
Concen: 73.429 ng
RT: 8.351 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:225 Resp: 333754

Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.9	74.9
227	63.6	50.9	76.3

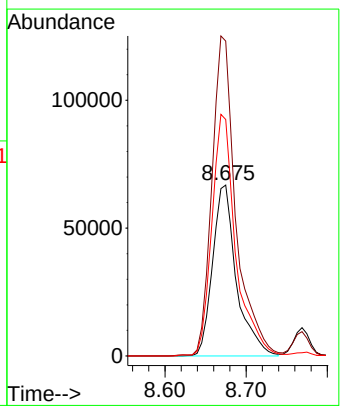


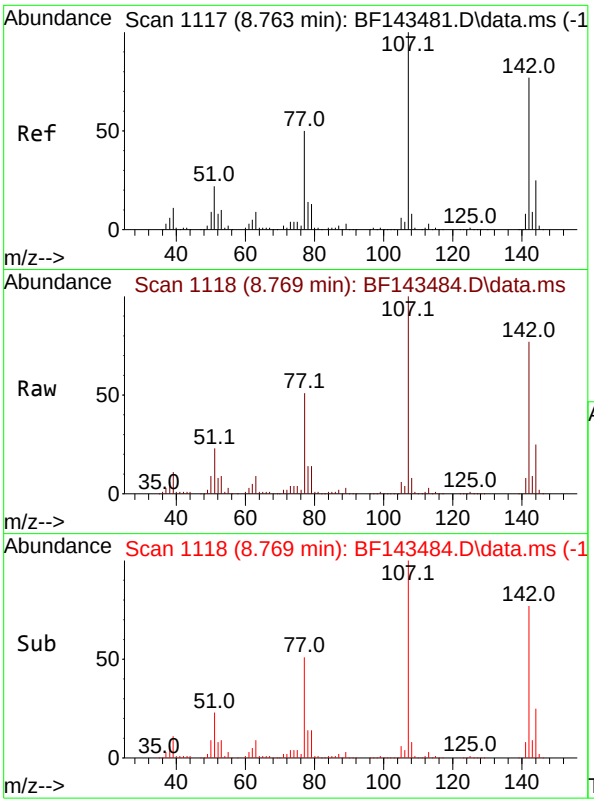


#35
Caprolactam
Concen: 83.868 ng
RT: 8.675 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:113 Resp: 136369

Ion	Ratio	Lower	Upper
113	100		
55	184.3	162.8	202.8
56	138.5	118.1	158.1



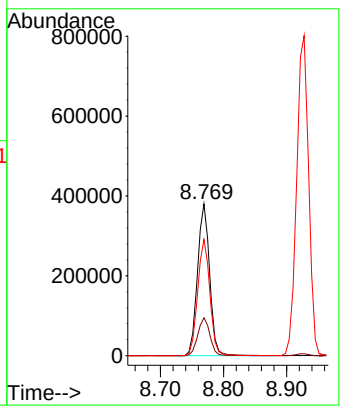


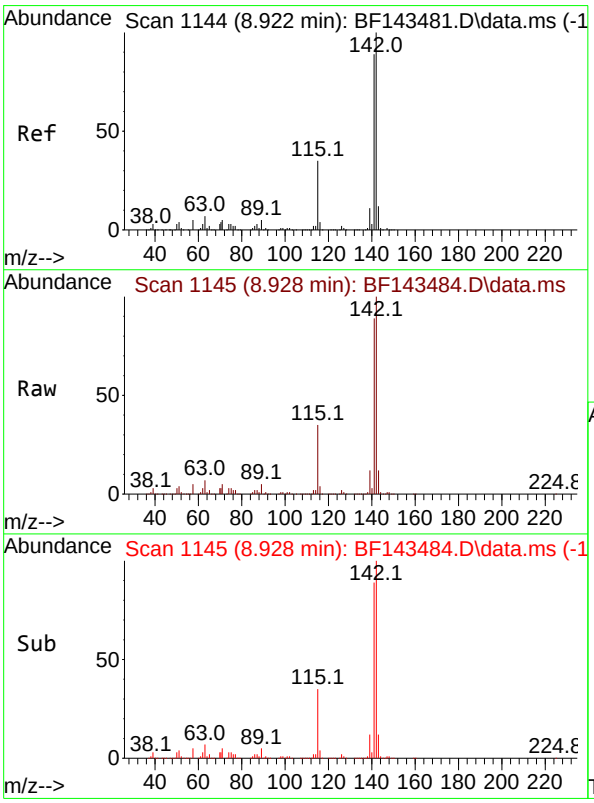
#36
4-Chloro-3-methylphenol
Concen: 74.756 ng
RT: 8.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 507643

Ion	Ratio	Lower	Upper
107	100		
144	25.0	19.9	29.9
142	76.6	61.8	92.8

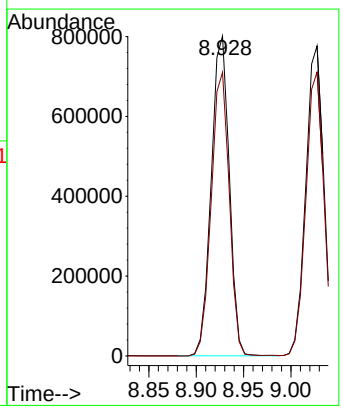


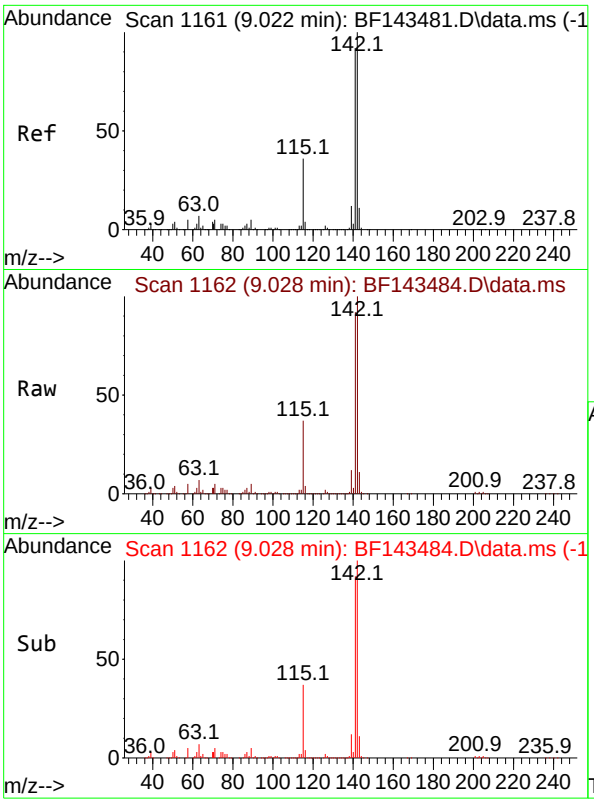


#37
2-Methylnaphthalene
Concen: 70.116 ng
RT: 8.928 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:142 Resp: 1059150

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.0	106.4



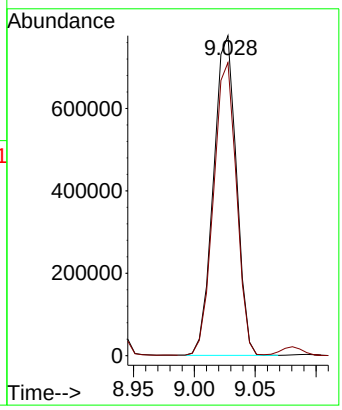


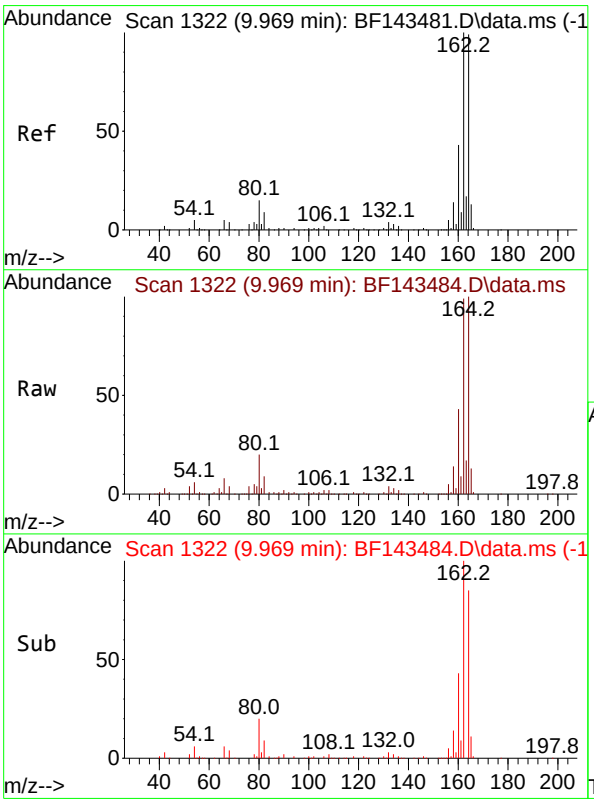
#38
1-Methylnaphthalene
Concen: 70.472 ng
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 1018285

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.3	109.9

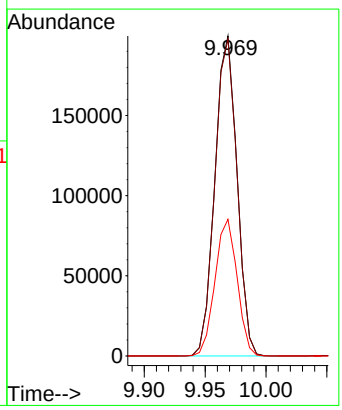


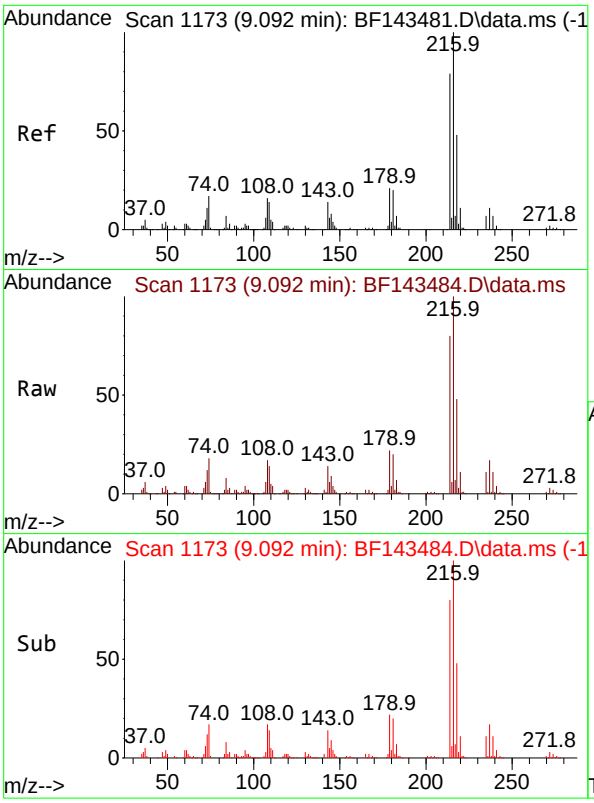


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:164 Resp: 252899

Ion	Ratio	Lower	Upper
164	100		
162	99.1	80.5	120.7
160	42.7	34.3	51.5



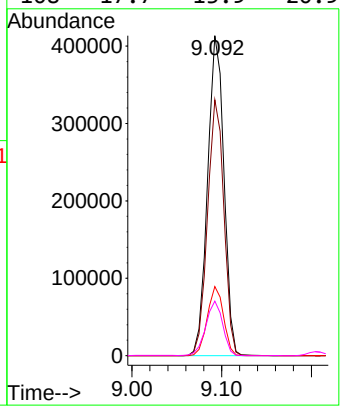


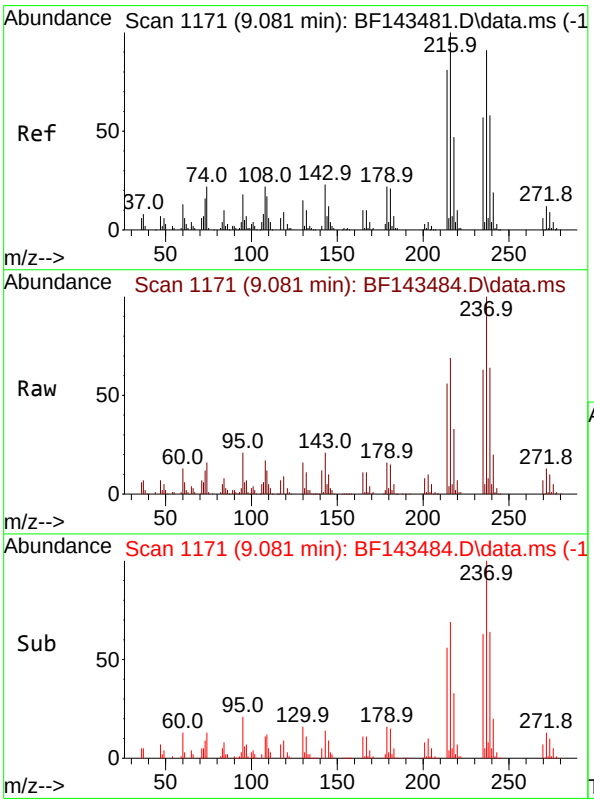
#40
1,2,4,5-Tetrachlorobenzene
Concen: 72.341 ng
RT: 9.092 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:216 Resp: 523305

Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.4	95.0
179	21.4	16.5	24.7
108	17.7	13.9	20.9

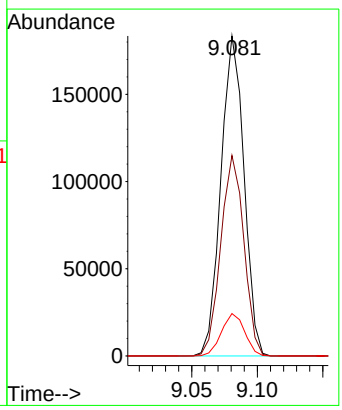


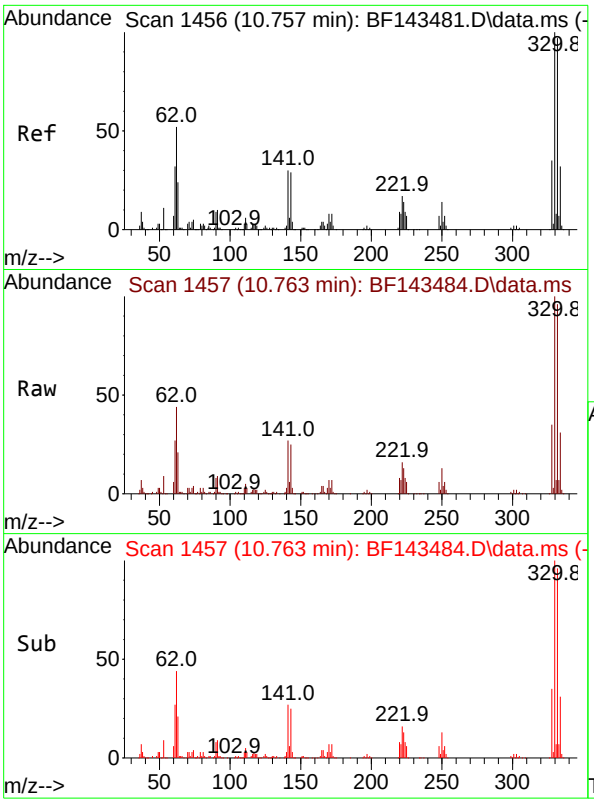


#41
Hexachlorocyclopentadiene
Concen: 79.823 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:237 Resp: 224318

Ion	Ratio	Lower	Upper
237	100		
235	62.6	42.6	82.6
272	13.3	0.0	33.4



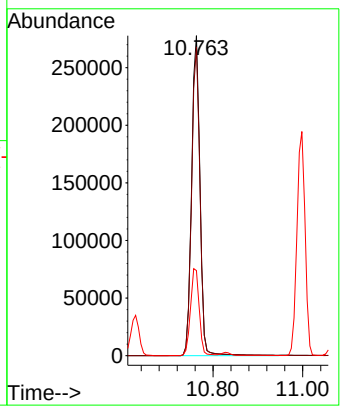


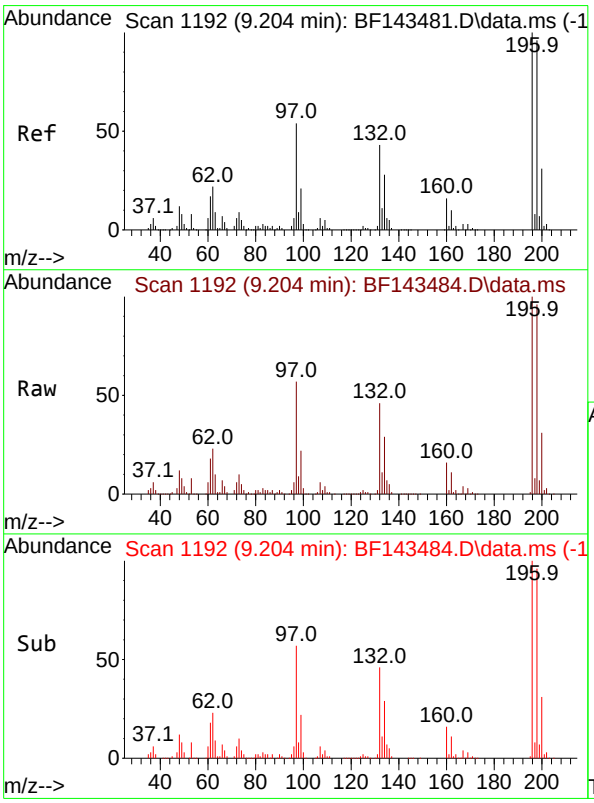
#42
2,4,6-Tribromophenol
Concen: 152.274 ng
RT: 10.763 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:330 Resp: 358471

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.0	117.0
141	28.6	23.7	35.5

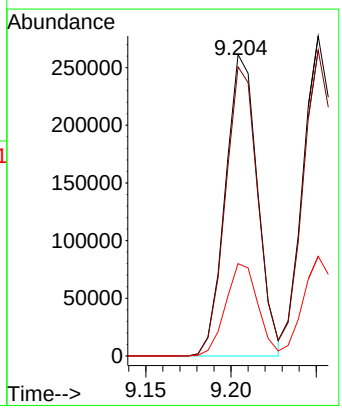


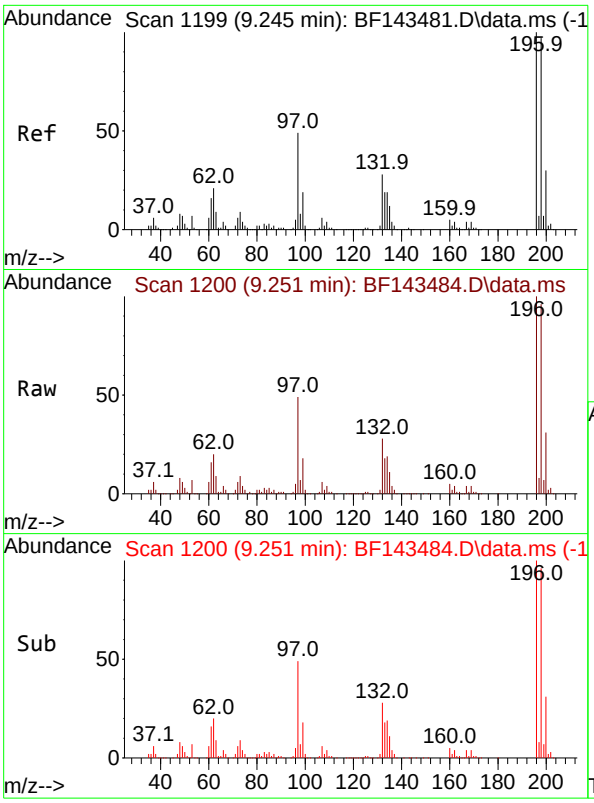


#43
2,4,6-Trichlorophenol
Concen: 76.993 ng
RT: 9.204 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:196 Resp: 342710

Ion	Ratio	Lower	Upper
196	100		
198	95.9	77.0	115.4
200	30.6	24.6	37.0



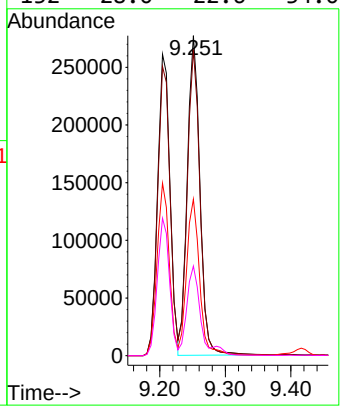


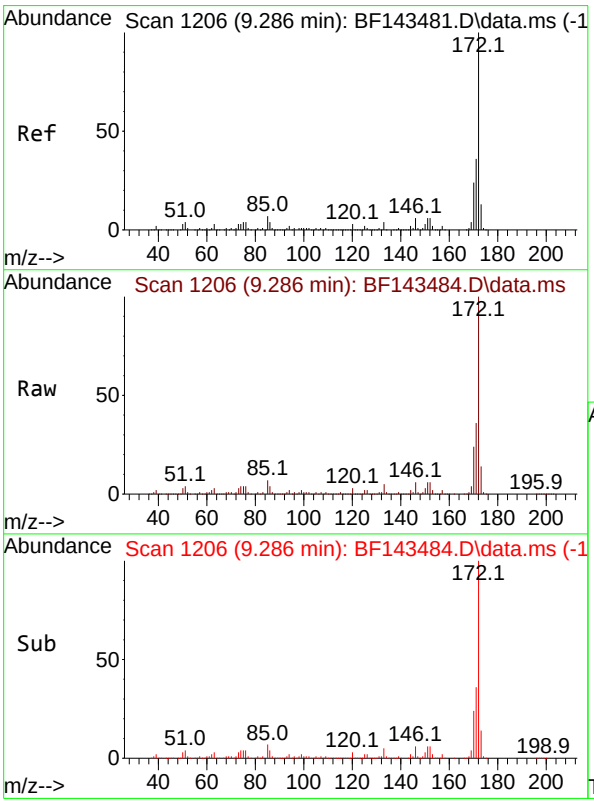
#44
2,4,5-Trichlorophenol
Concen: 75.999 ng
RT: 9.251 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:196 Resp: 369517

Ion	Ratio	Lower	Upper
196	100		
198	95.6	77.3	115.9
97	48.9	40.0	60.0
132	28.0	22.6	34.0

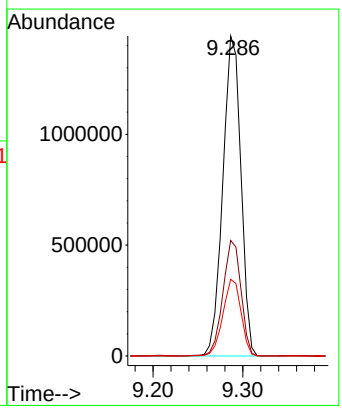


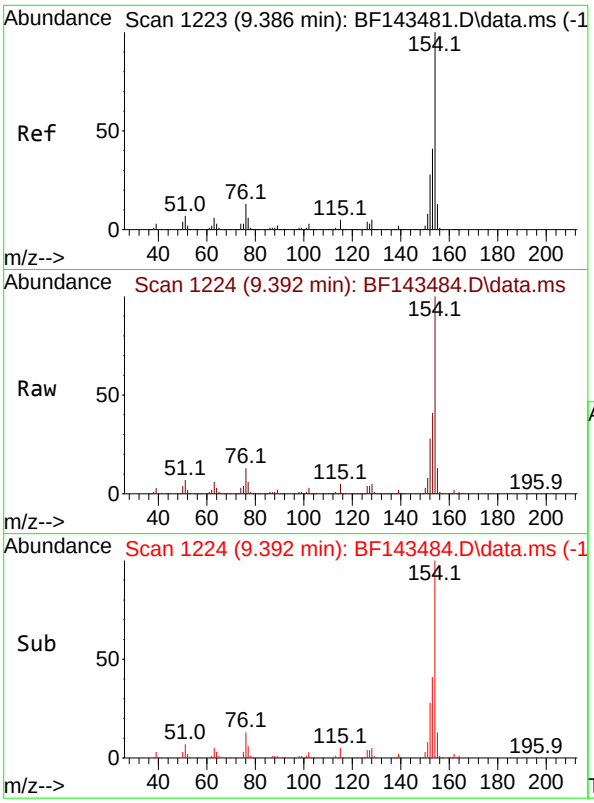


#45
2-Fluorobiphenyl
Concen: 132.140 ng
RT: 9.286 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:172 Resp: 2022059

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.8	43.2
170	24.0	18.8	28.2



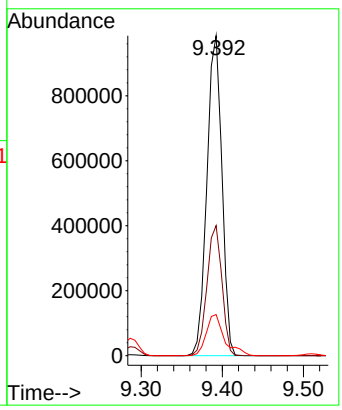


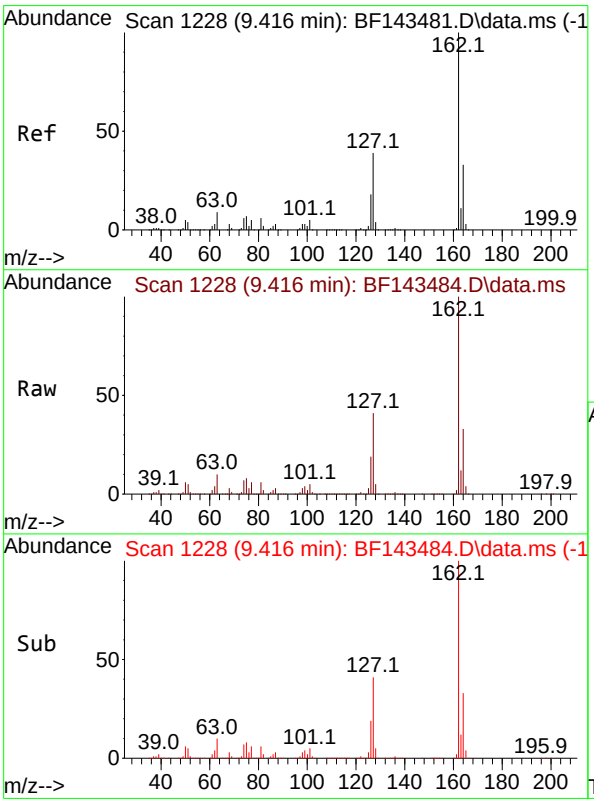
#46
1,1'-Biphenyl
Concen: 70.278 ng
RT: 9.392 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:154 Resp: 1261514

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.6	60.6
76	12.8	0.0	33.0

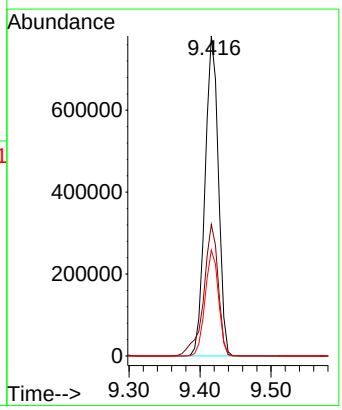


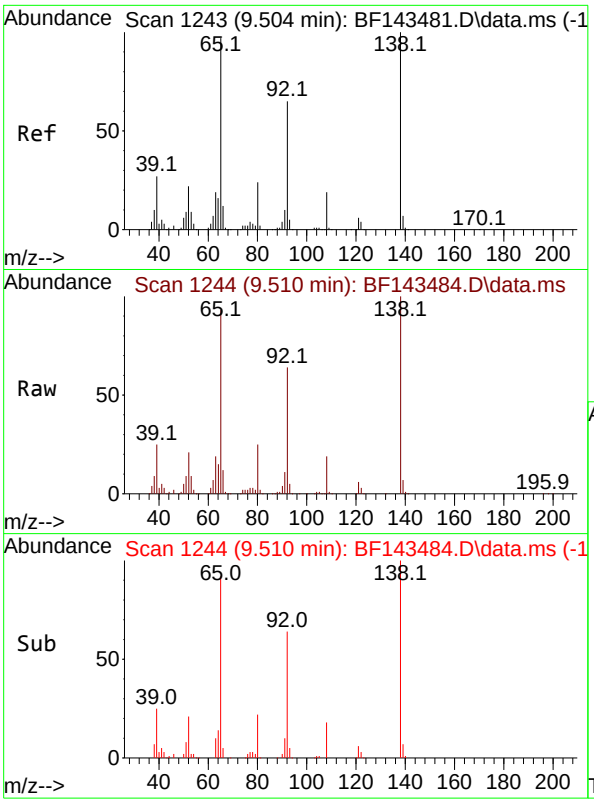


#47
2-Chloronaphthalene
Concen: 72.427 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:162 Resp: 1020070

Ion	Ratio	Lower	Upper
162	100		
127	41.1	31.8	47.6
164	33.1	26.4	39.6



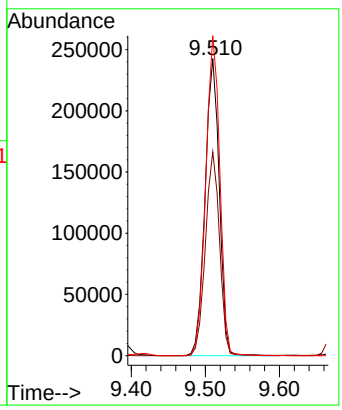


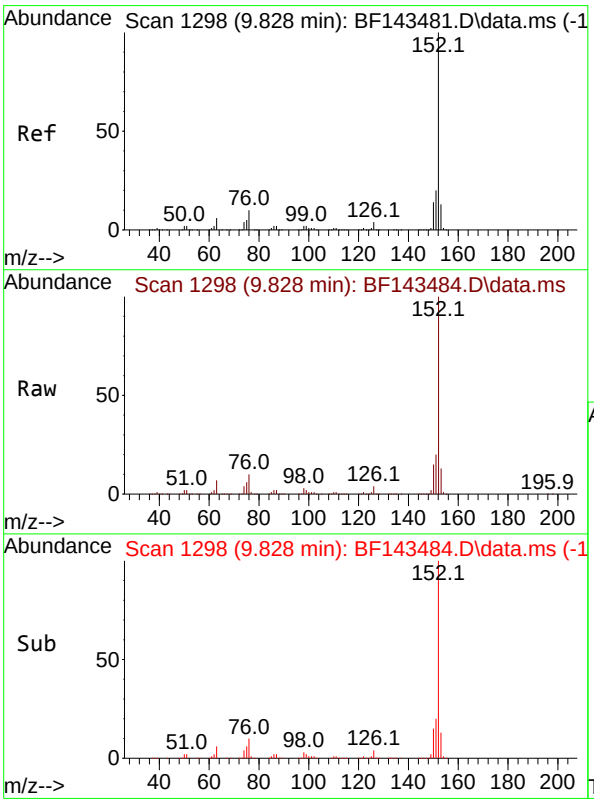
#48
2-Nitroaniline
Concen: 78.529 ng
RT: 9.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 65 Resp: 323688

Ion	Ratio	Lower	Upper
65	100		
92	68.6	53.8	80.6
138	107.7	82.4	123.6

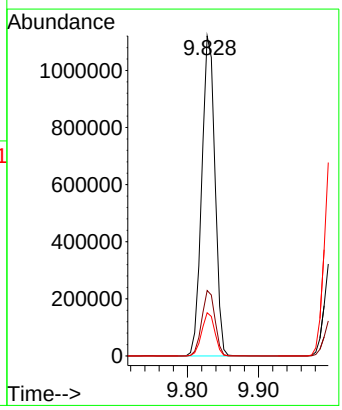


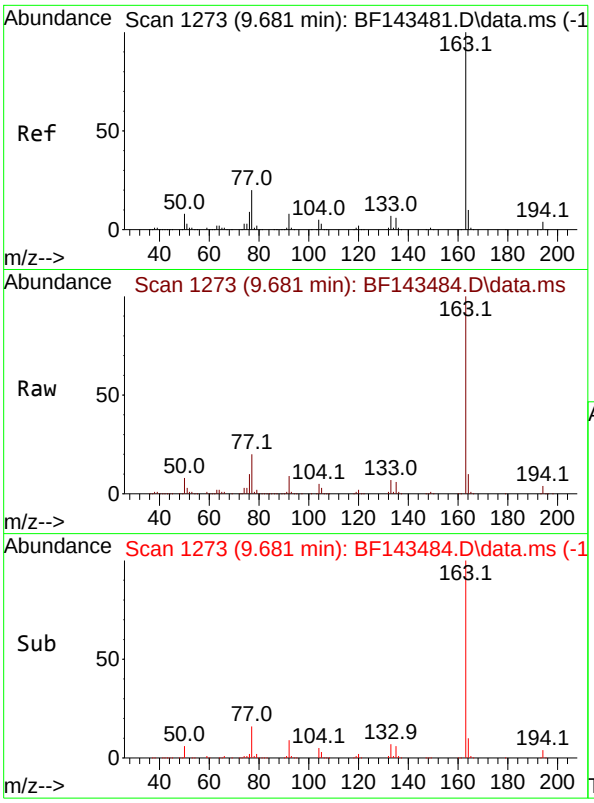


#49
Acenaphthylene
Concen: 72.067 ng
RT: 9.828 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:152 Resp: 1453334

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4
153	13.5	10.6	15.8



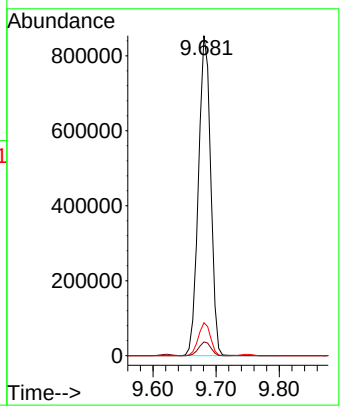


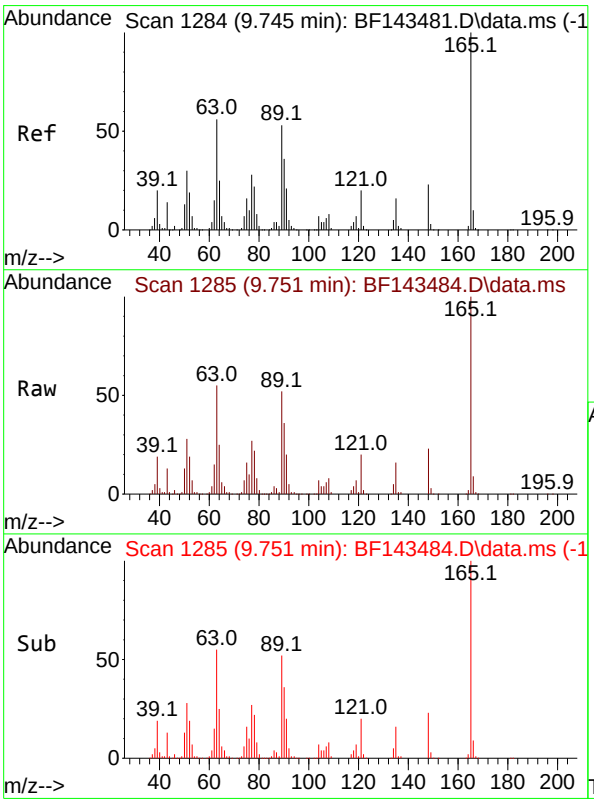
#50
Dimethylphthalate
Concen: 75.267 ng
RT: 9.681 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:163 Resp: 1146434

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.3	8.2	12.2

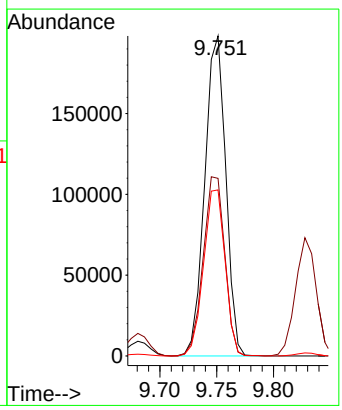


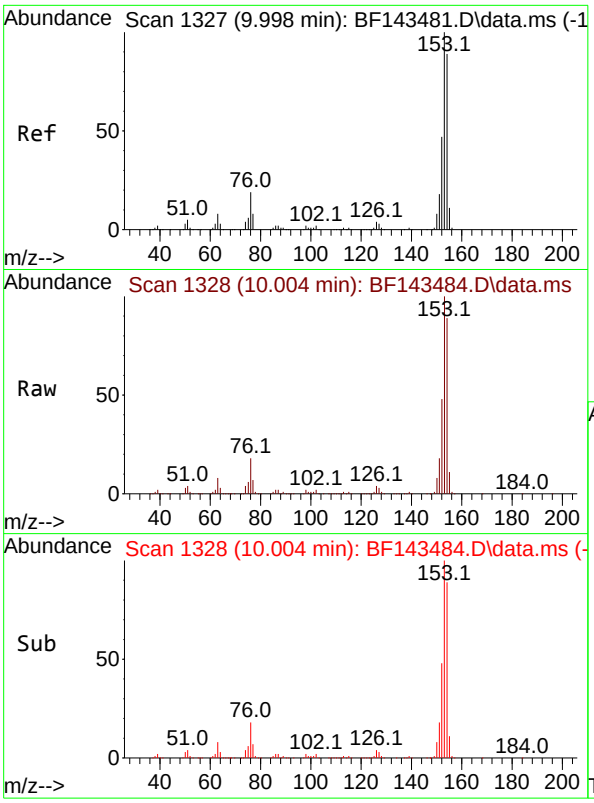


#51
2,6-Dinitrotoluene
Concen: 80.559 ng
RT: 9.751 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:165 Resp: 254308

Ion	Ratio	Lower	Upper
165	100		
63	55.5	45.0	67.6
89	51.9	42.5	63.7



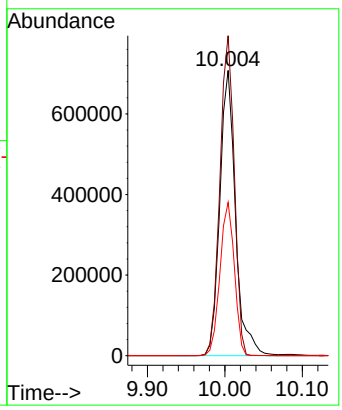


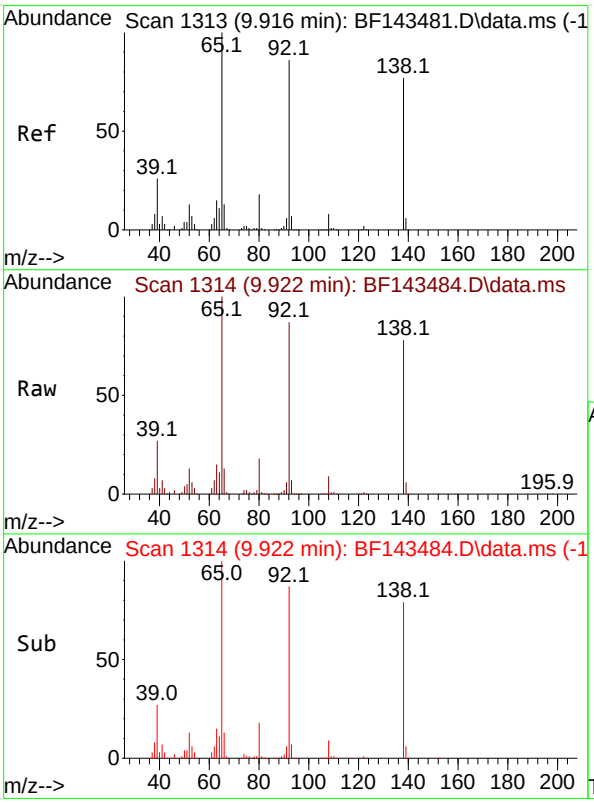
#52
Acenaphthene
Concen: 72.761 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:154 Resp: 996259

Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.5	134.3
152	53.7	42.5	63.7

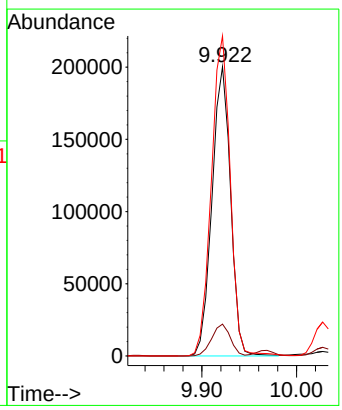


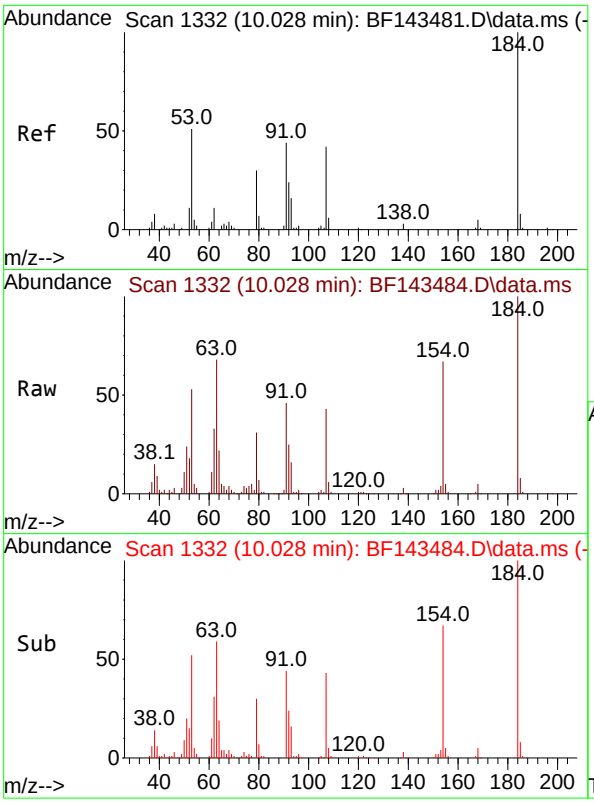


#53
3-Nitroaniline
Concen: 79.912 ng
RT: 9.922 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:138 Resp: 272588

Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.6	13.0
92	110.6	89.8	134.8



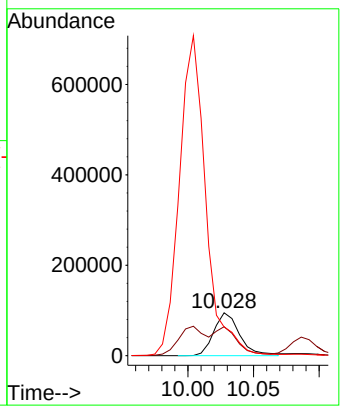


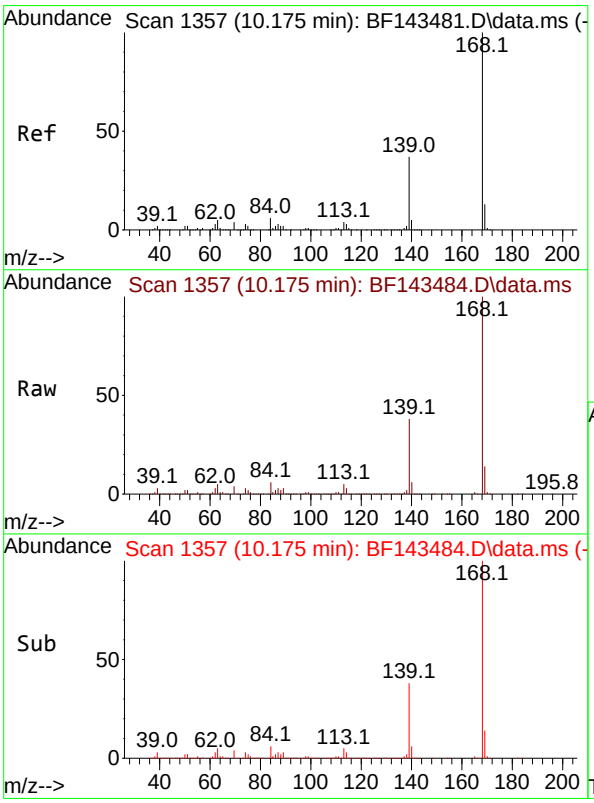
#54
2,4-Dinitrophenol
Concen: 77.416 ng
RT: 10.028 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:184 Resp: 130385

Ion	Ratio	Lower	Upper
184	100		
63	67.6	52.6	78.8
154	67.0	51.0	76.4

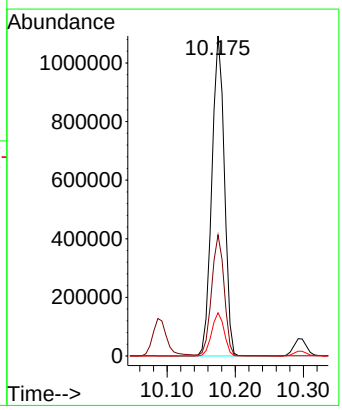


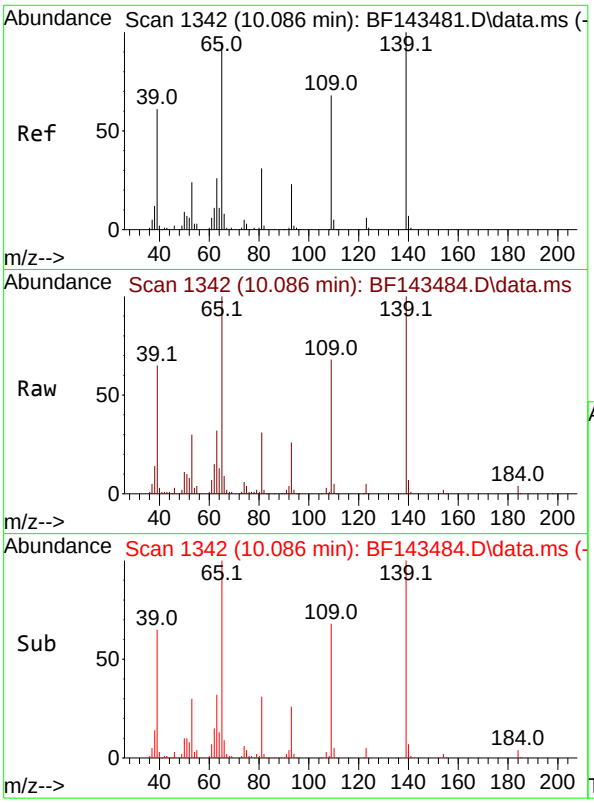


#55
Dibenzofuran
Concen: 71.547 ng
RT: 10.175 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:168 Resp: 1396682

Ion	Ratio	Lower	Upper
168	100		
139	37.9	29.8	44.6
169	13.5	10.8	16.2



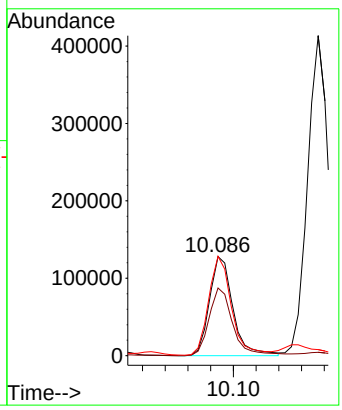


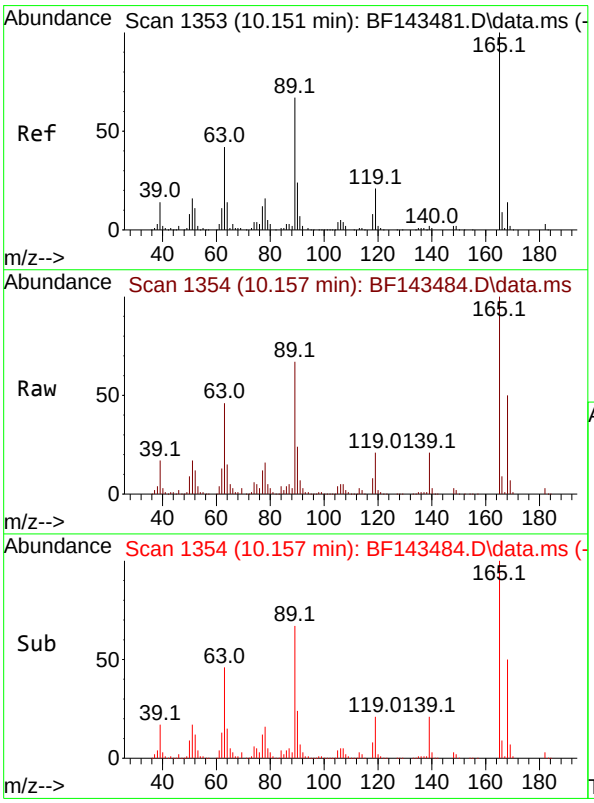
#56
4-Nitrophenol
Concen: 90.356 ng
RT: 10.086 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:139 Resp: 183388

Ion	Ratio	Lower	Upper
139	100		
109	68.3	48.2	88.2
65	100.2	75.8	115.8

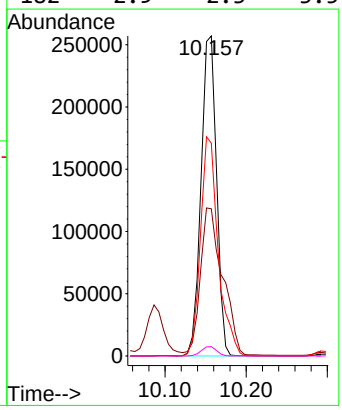


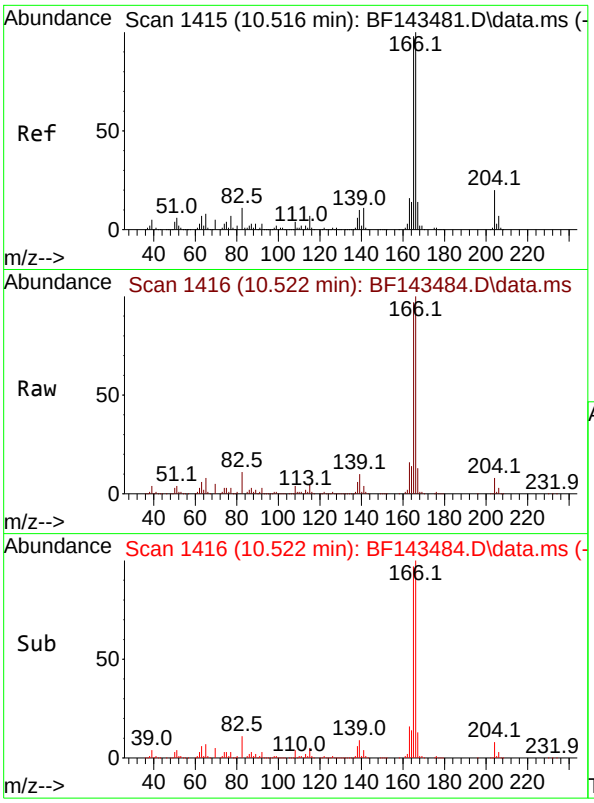


#57
2,4-Dinitrotoluene
Concen: 80.619 ng
RT: 10.157 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:165 Resp: 339818

Ion	Ratio	Lower	Upper
165	100		
63	46.0	34.9	52.3
89	66.5	53.3	79.9
182	2.9	2.3	3.5



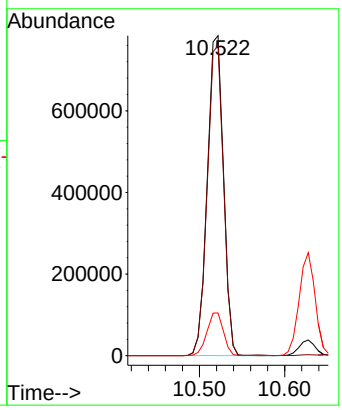


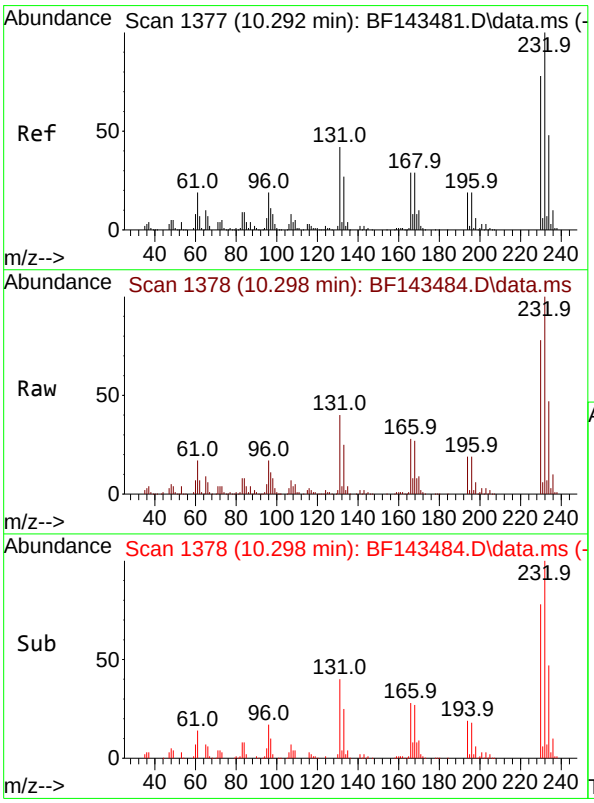
#58
Fluorene
Concen: 68.995 ng
RT: 10.522 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:166 Resp: 1036620

Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.3	117.5
167	13.3	11.0	16.4

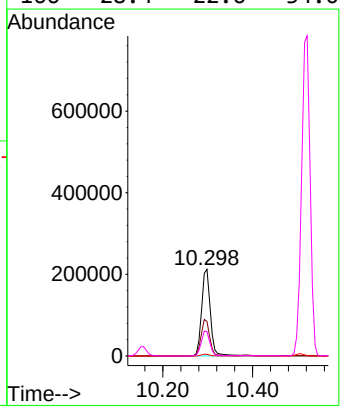


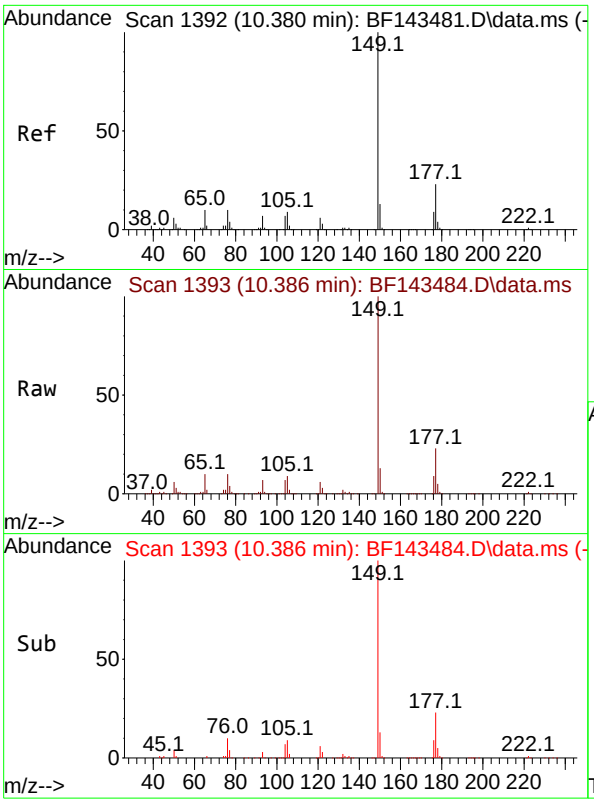


#59
2,3,4,6-Tetrachlorophenol
Concen: 80.607 ng
RT: 10.298 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:232 Resp: 291172

Ion	Ratio	Lower	Upper
232	100		
131	41.1	32.7	49.1
130	1.9	1.6	2.4
166	28.4	22.6	34.0



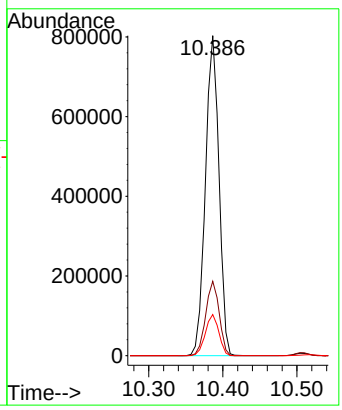


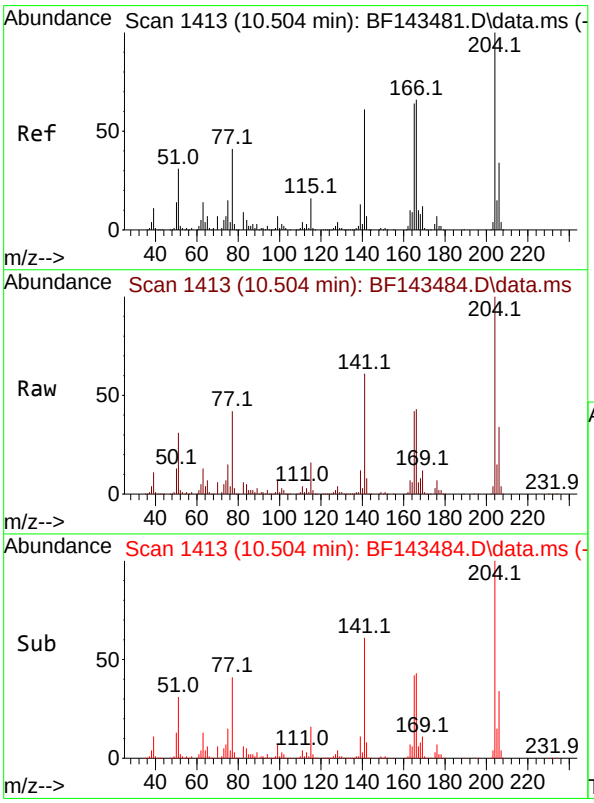
#60
Diethylphthalate
Concen: 74.653 ng
RT: 10.386 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 1019464

Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.3	27.5
150	12.9	10.3	15.5

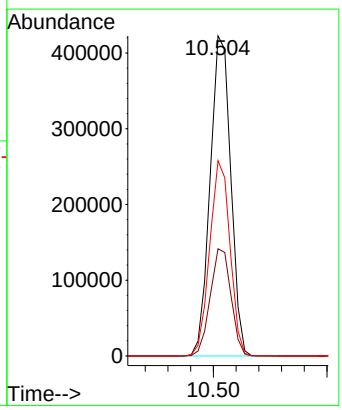


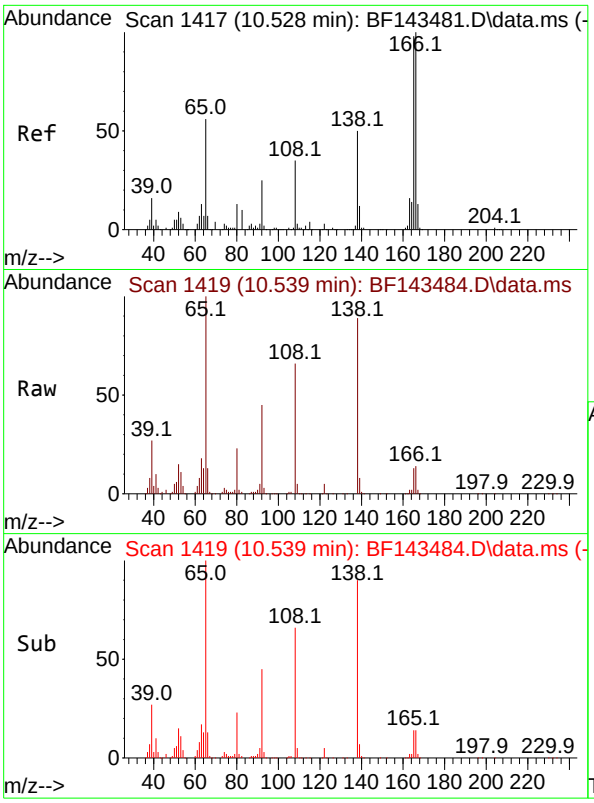


#61
4-Chlorophenyl-phenylether
Concen: 70.930 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:204 Resp: 532970

Ion	Ratio	Lower	Upper
204	100		
206	33.5	27.0	40.4
141	61.0	48.7	73.1



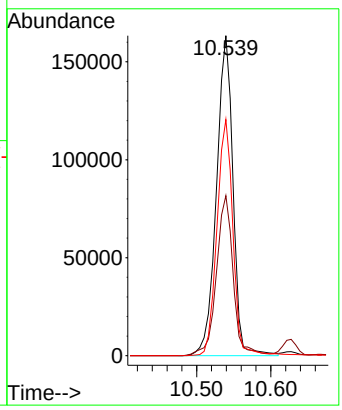


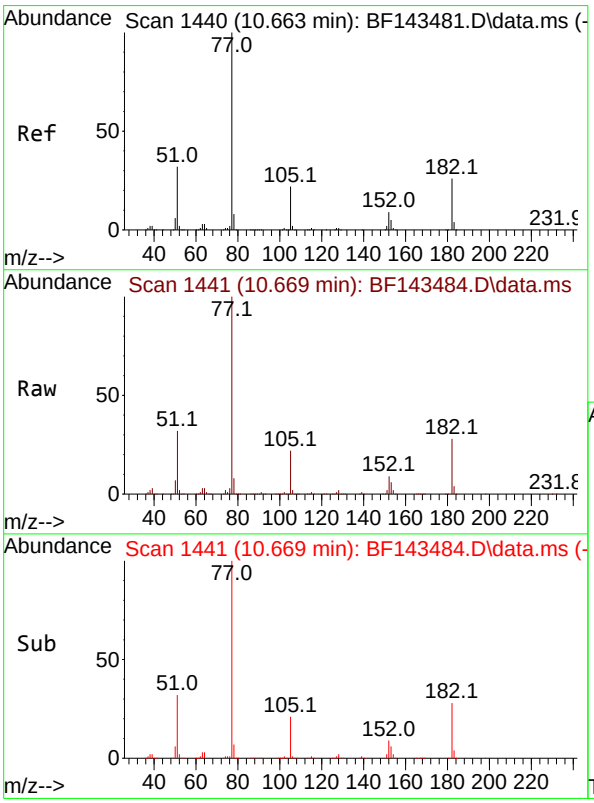
#62
4-Nitroaniline
Concen: 80.815 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 253207

Ion	Ratio	Lower	Upper
138	100		
92	50.0	29.3	69.3
108	73.8	50.7	90.7

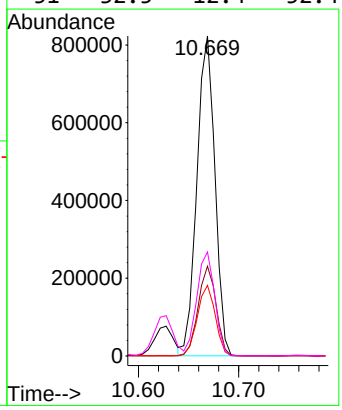


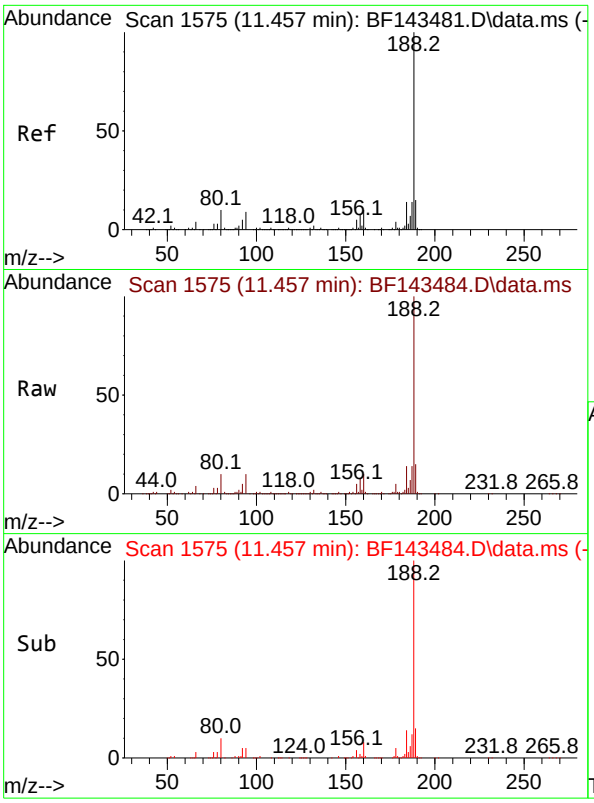


#63
Azobenzene
Concen: 72.699 ng
RT: 10.669 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion: 77 Resp: 1029397

Ion	Ratio	Lower	Upper
77	100		
182	28.1	6.2	46.2
105	22.0	2.2	42.2
51	32.5	12.4	52.4



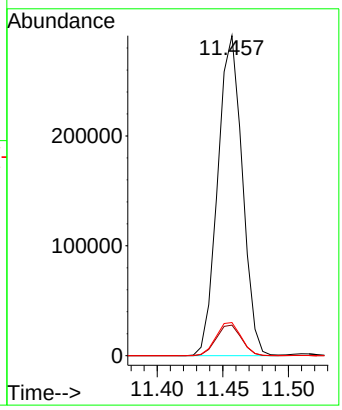


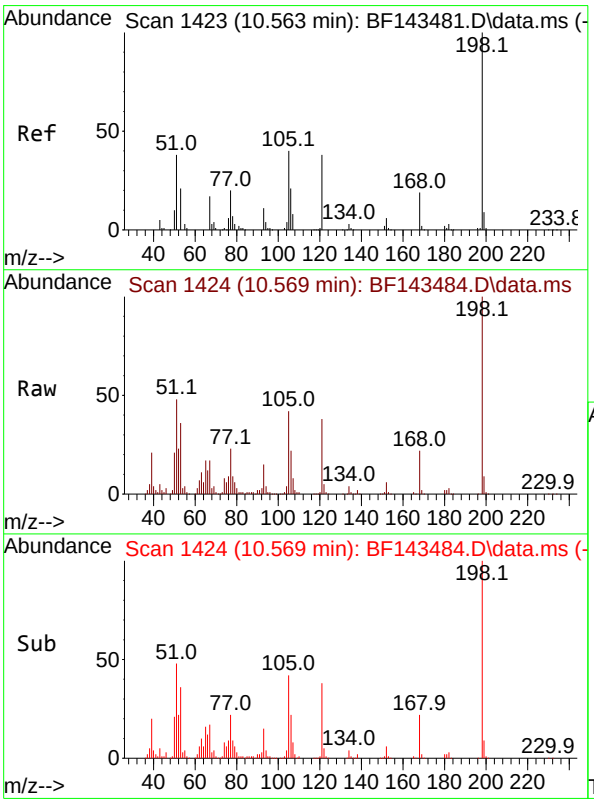
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:188 Resp: 380140

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.4	11.2
80	10.3	8.2	12.4

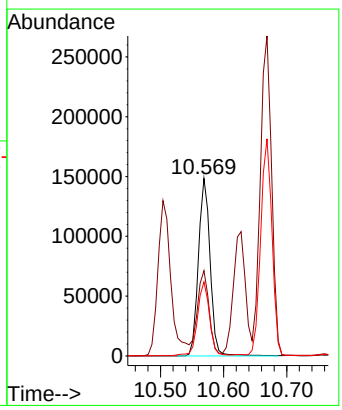


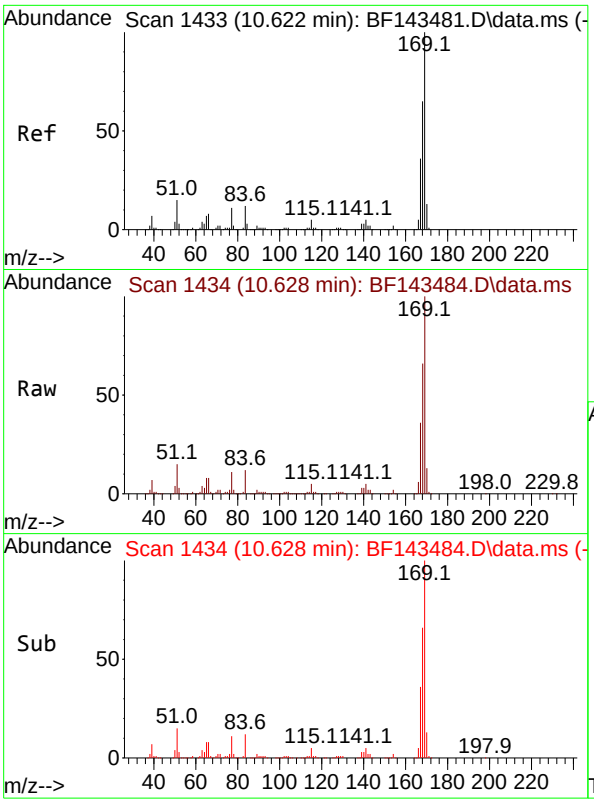


#65
4,6-Dinitro-2-methylphenol
Concen: 89.041 ng
RT: 10.569 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:198 Resp: 190849

Ion	Ratio	Lower	Upper
198	100		
51	48.1	29.6	69.6
105	41.7	21.5	61.5



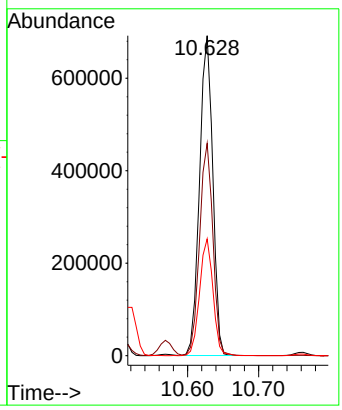


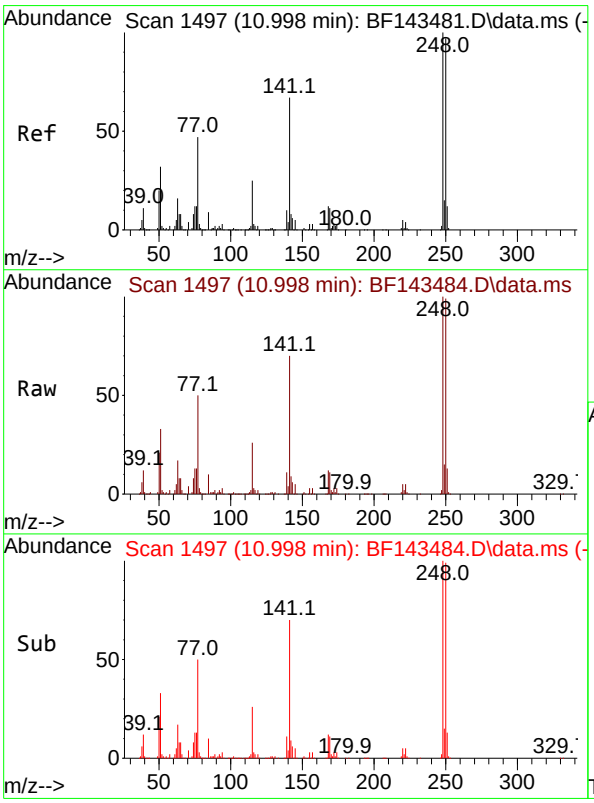
#66
n-Nitrosodiphenylamine
Concen: 73.307 ng
RT: 10.628 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:169 Resp: 896806

Ion	Ratio	Lower	Upper
169	100		
168	66.4	52.4	78.6
167	36.5	28.9	43.3

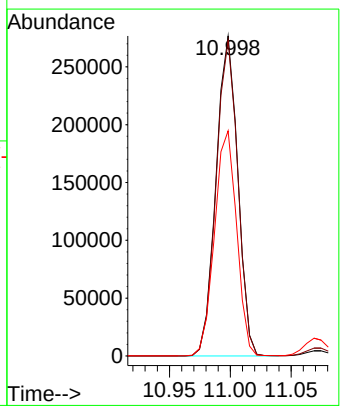


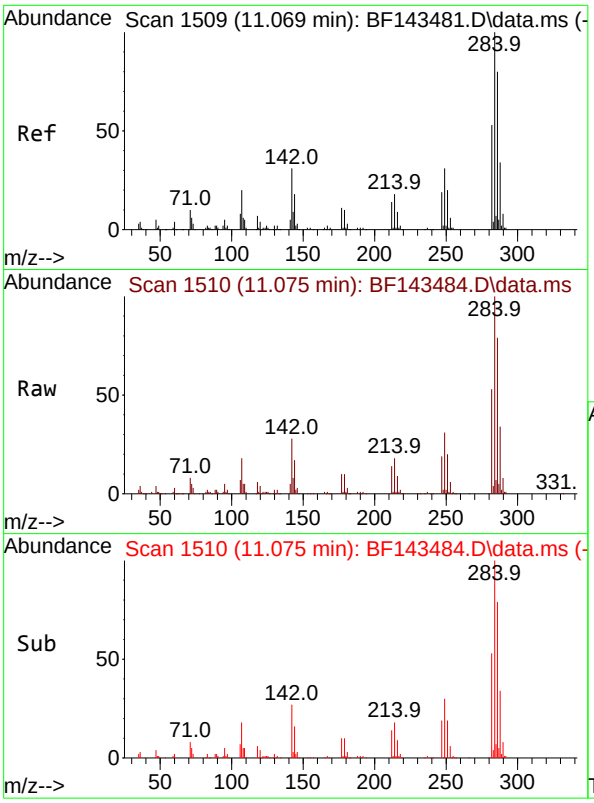


#67
4-Bromophenyl-phenylether
Concen: 75.979 ng
RT: 10.998 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:248 Resp: 344616

Ion	Ratio	Lower	Upper
248	100		
250	98.7	77.8	116.8
141	70.4	54.0	81.0



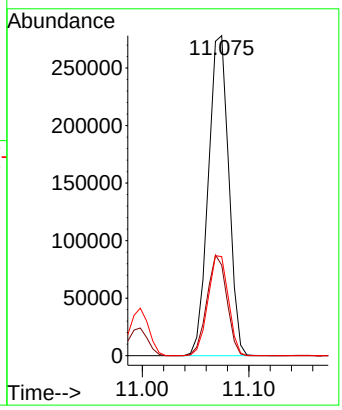


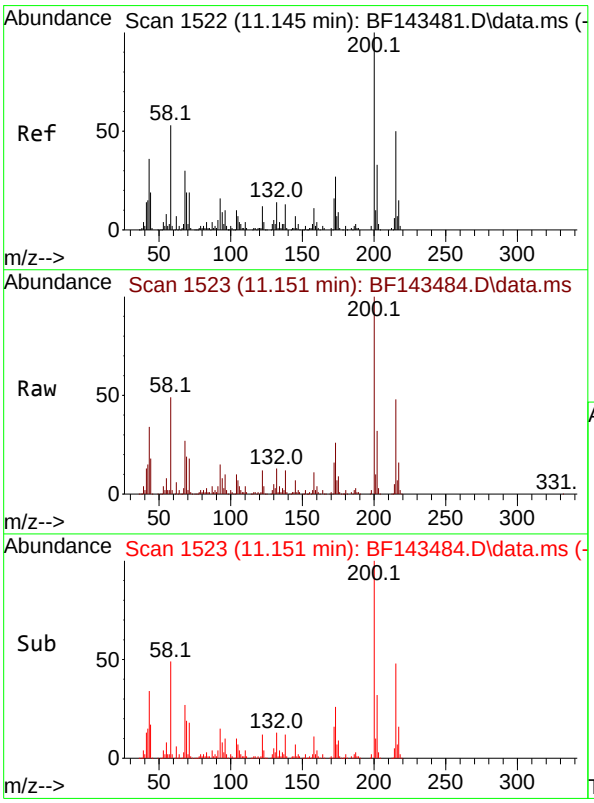
#68
Hexachlorobenzene
Concen: 75.603 ng
RT: 11.075 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:284 Resp: 369632

Ion	Ratio	Lower	Upper
284	100		
142	28.3	24.4	36.6
249	31.0	25.0	37.6

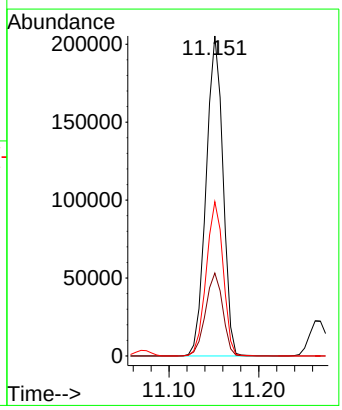


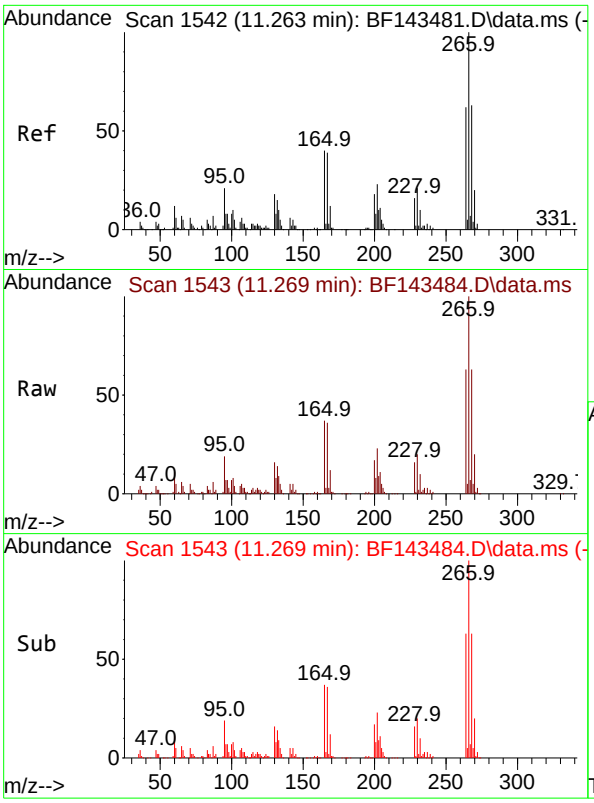


#69
Atrazine
Concen: 84.774 ng
RT: 11.151 min Scan# 1523
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:200 Resp: 267710

Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.9	46.9
215	48.2	30.0	70.0



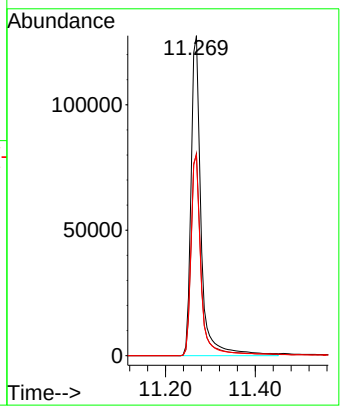


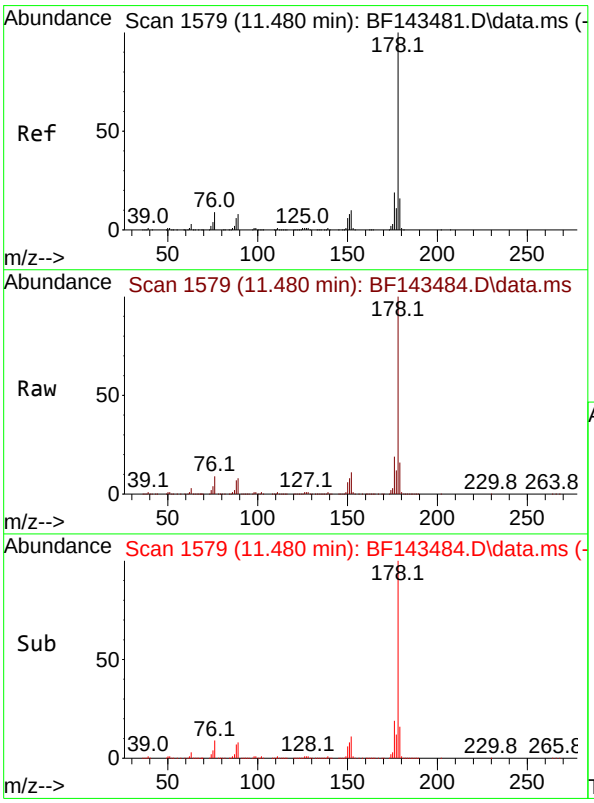
#70
Pentachlorophenol
Concen: 88.721 ng
RT: 11.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:266 Resp: 198658

Ion	Ratio	Lower	Upper
266	100		
268	63.2	50.5	75.7
264	62.7	49.8	74.8

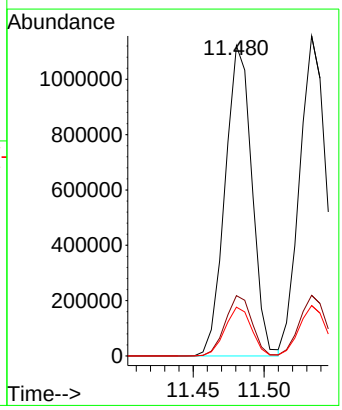


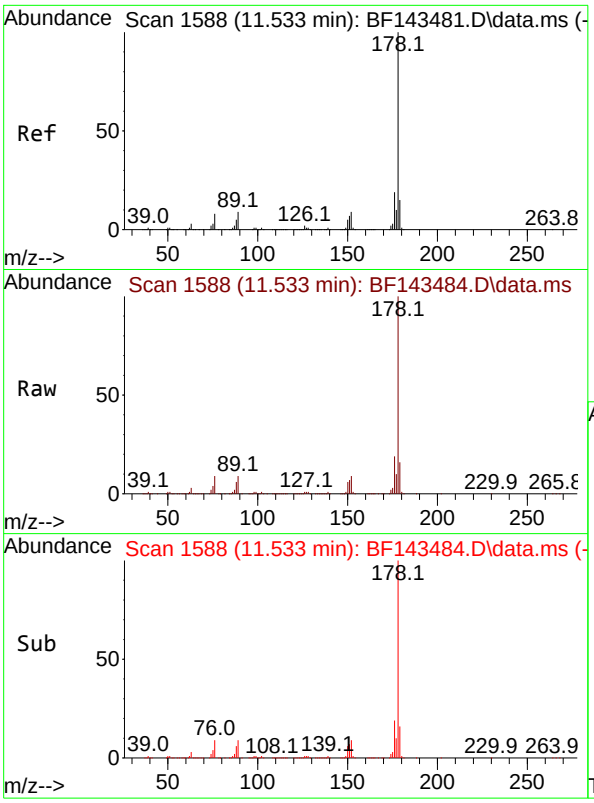


#71
Phenanthrene
Concen: 72.378 ng
RT: 11.480 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:178 Resp: 1473414

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.7	12.5	18.7



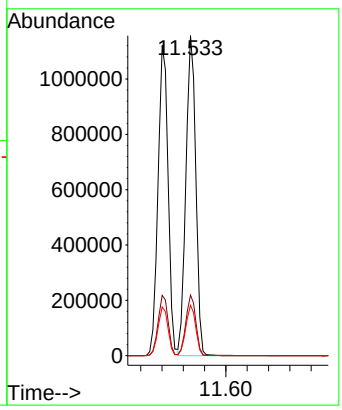


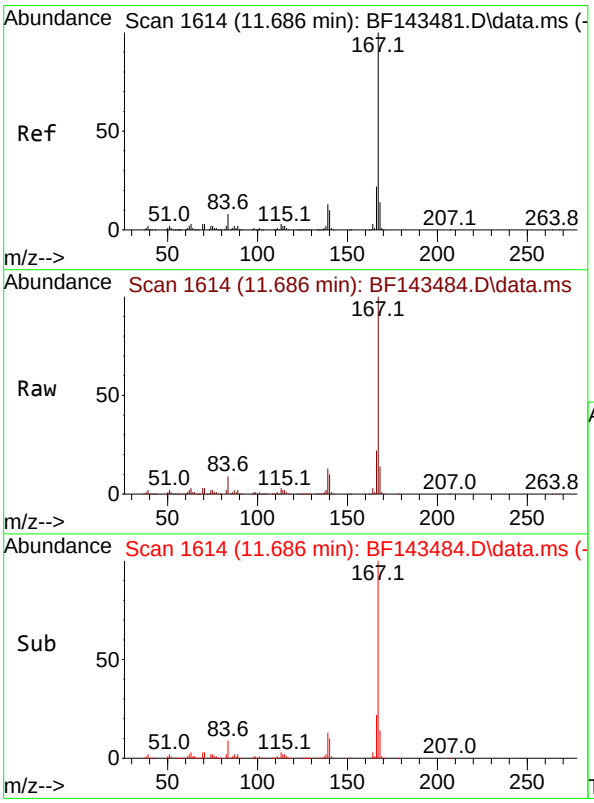
#72
Anthracene
Concen: 72.232 ng
RT: 11.533 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 1489612

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	15.7	12.3	18.5

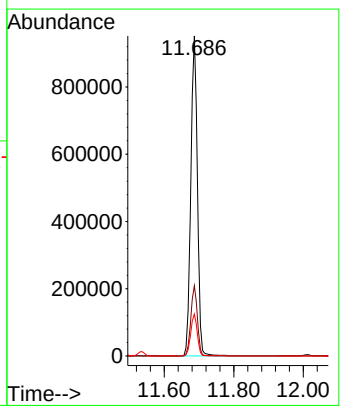


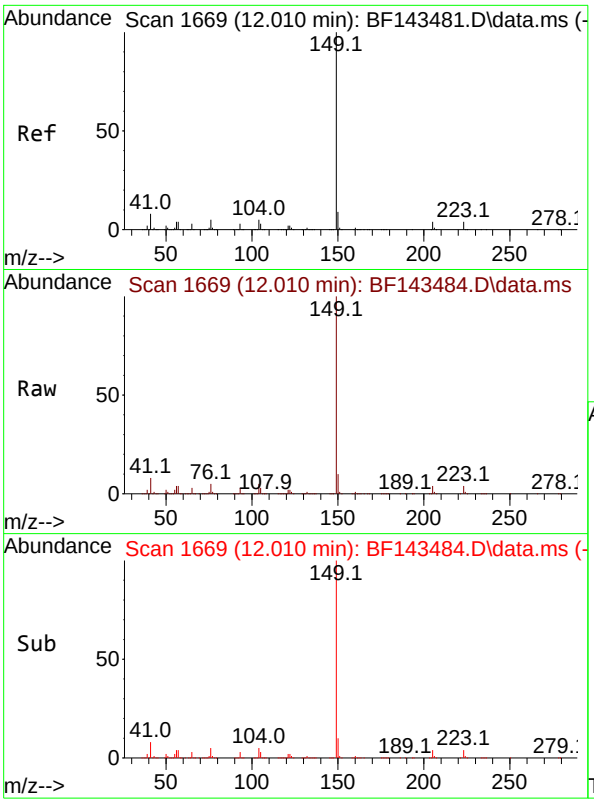


#73
Carbazole
Concen: 74.240 ng
RT: 11.686 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:167 Resp: 1254509

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.3	25.9
139	13.1	10.0	15.0



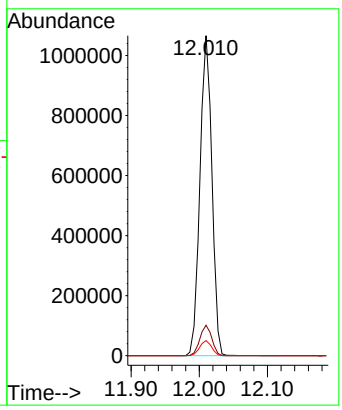


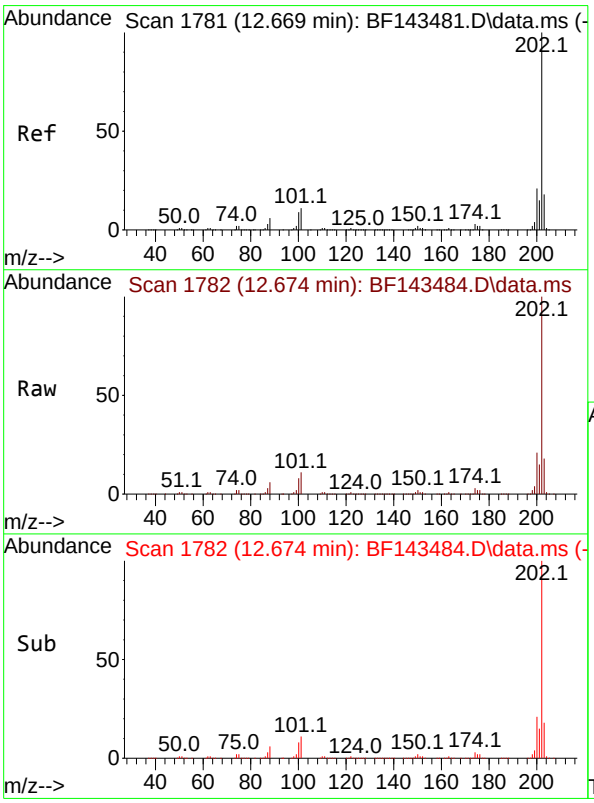
#74
Di-n-butylphthalate
Concen: 82.429 ng
RT: 12.010 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 1299399

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.2	10.8
104	4.7	3.6	5.4

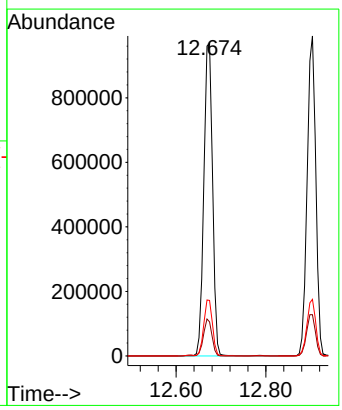


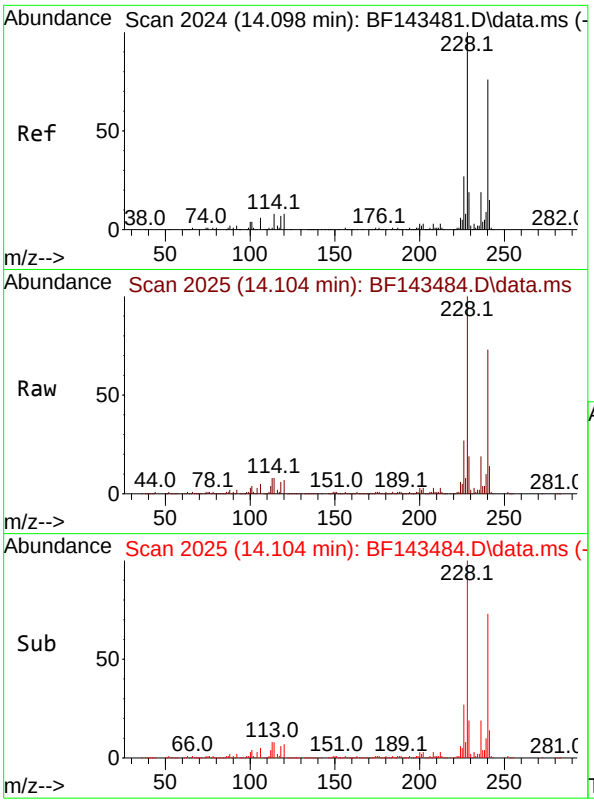


#75
Fluoranthene
Concen: 71.750 ng
RT: 12.674 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:202 Resp: 1310616

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.3
203	17.8	0.0	37.9



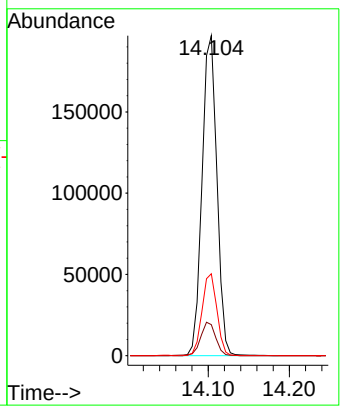


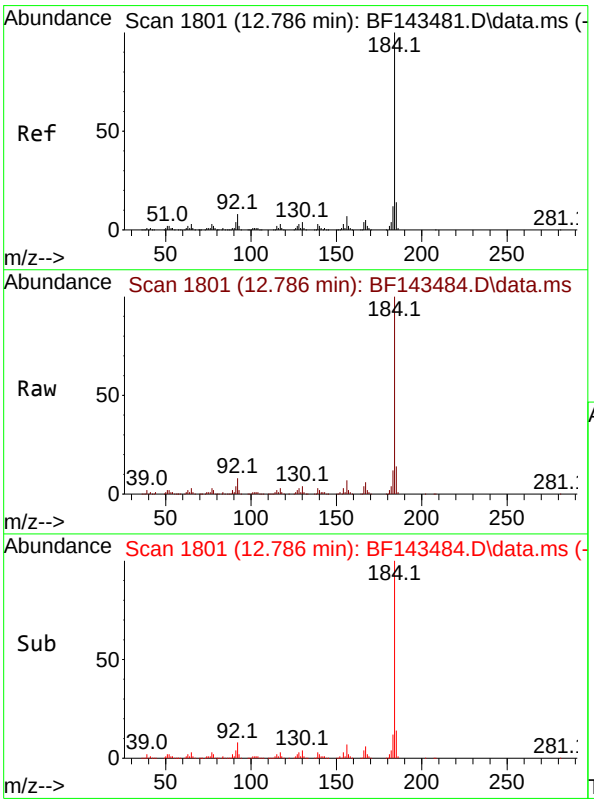
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:240 Resp: 250059

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.6	12.8
236	25.6	20.4	30.6

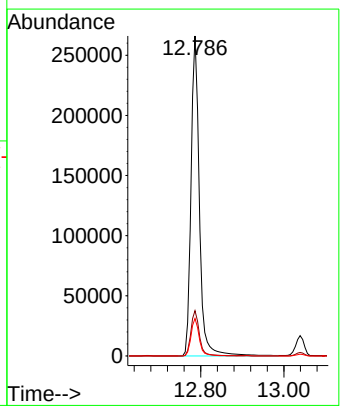


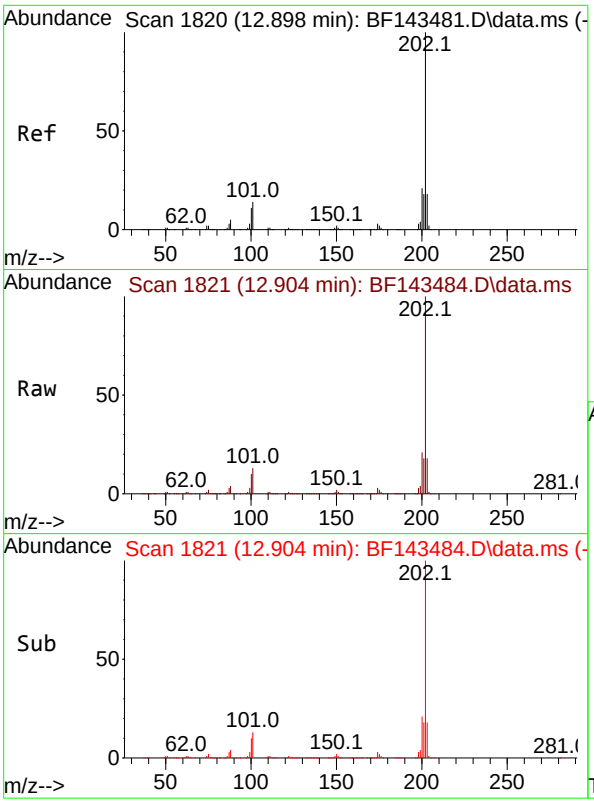


#77
Benzidine
Concen: 61.042 ng
RT: 12.786 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:184 Resp: 371810

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.3	16.9
183	11.7	9.5	14.3



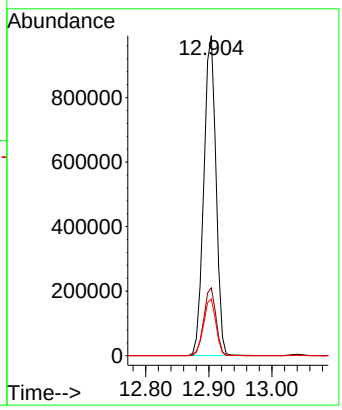


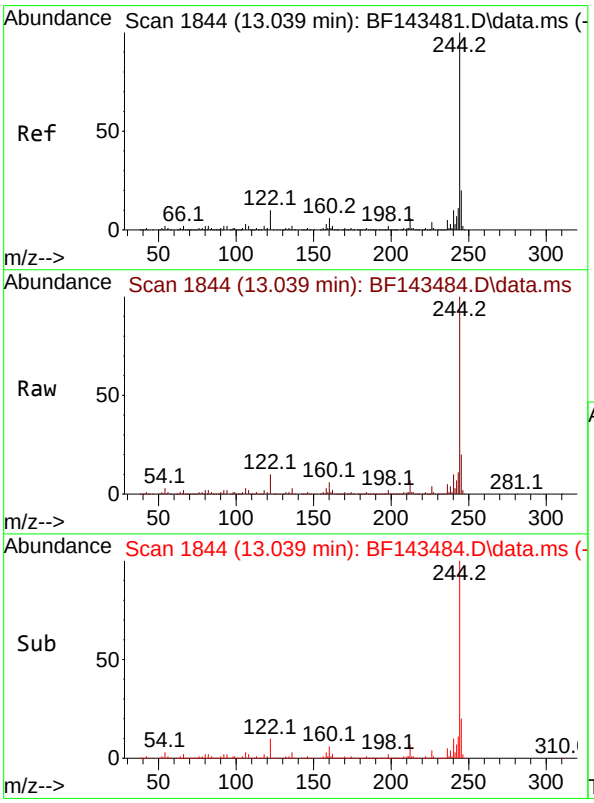
#78
Pyrene
Concen: 64.536 ng
RT: 12.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp: 1327454

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.7	14.3	21.5

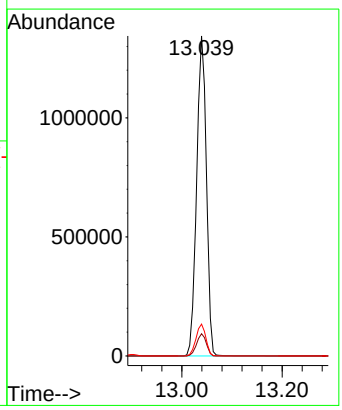


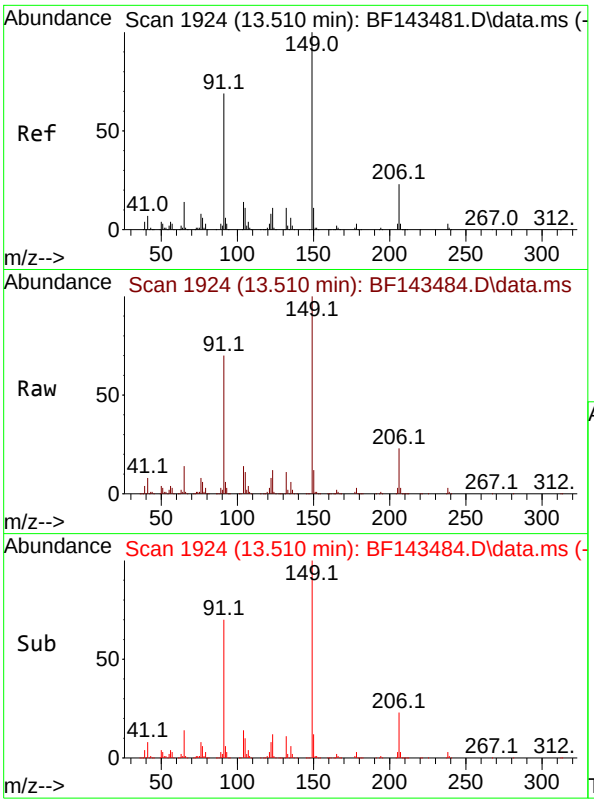


#79
Terphenyl-d14
Concen: 126.204 ng
RT: 13.039 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:244 Resp: 1808474

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.2	7.8
122	9.9	7.9	11.9



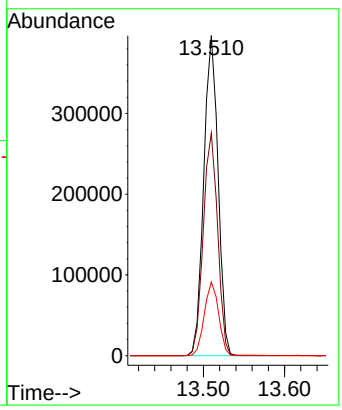


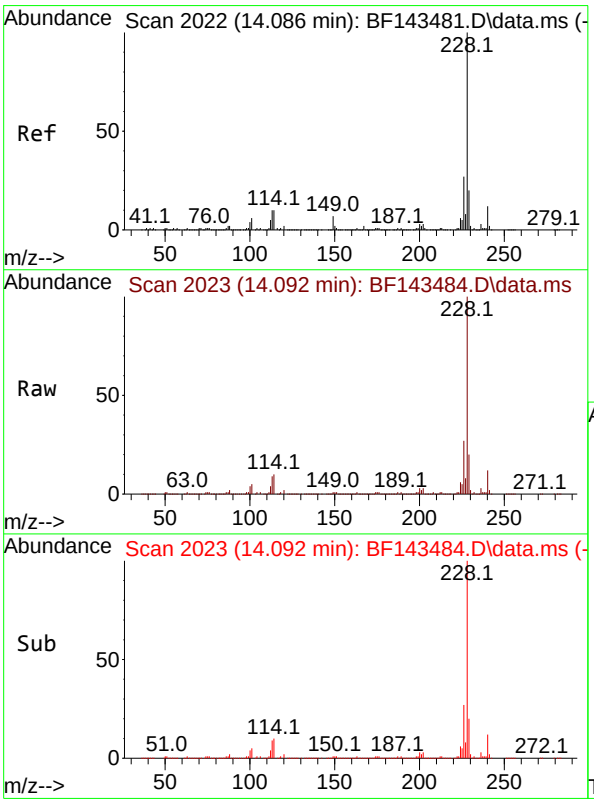
#80
Butylbenzylphthalate
Concen: 86.247 ng
RT: 13.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 484637

Ion	Ratio	Lower	Upper
149	100		
91	69.5	55.3	82.9
206	23.0	18.2	27.4

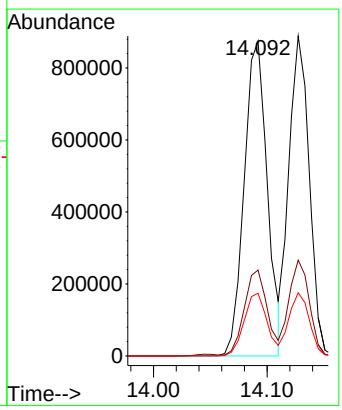


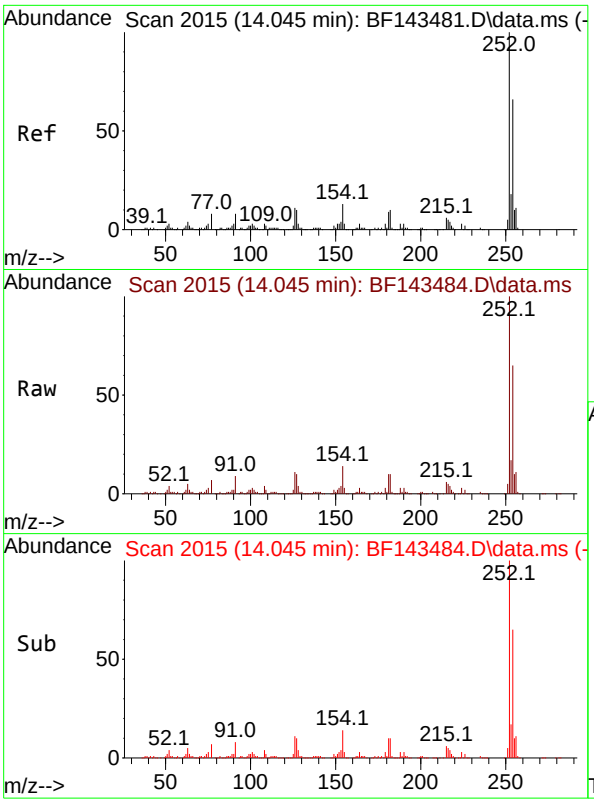


#81
Benzo(a)anthracene
Concen: 76.847 ng
RT: 14.092 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:228 Resp: 1237164

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.7	32.5
229	19.9	15.7	23.5



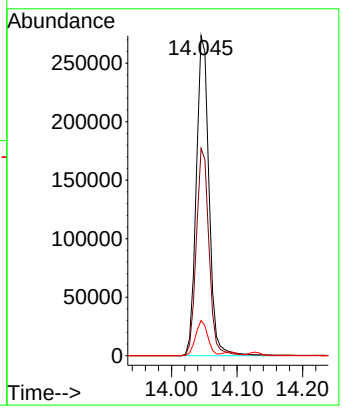


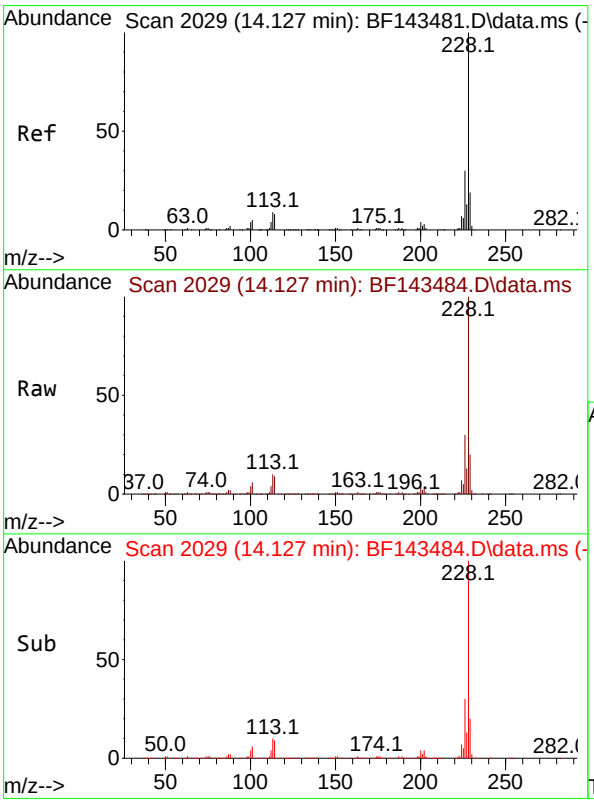
#82
3,3'-Dichlorobenzidine
Concen: 80.290 ng
RT: 14.045 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 370170

Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.6	79.0
126	11.0	8.7	13.1

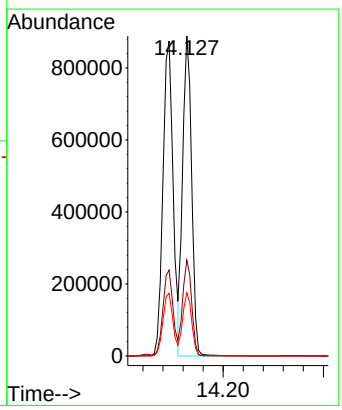


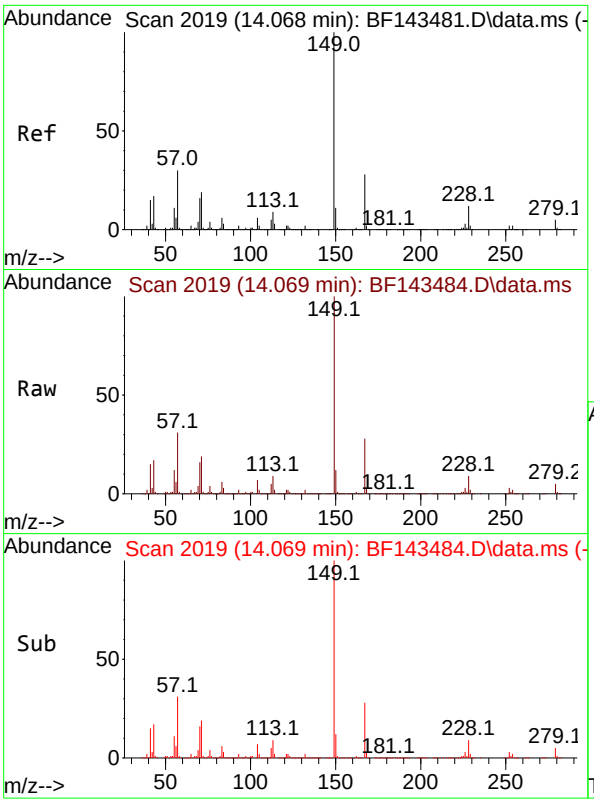


#83
Chrysene
Concen: 77.031 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:228 Resp: 1114466

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.7	35.5
229	19.8	15.7	23.5



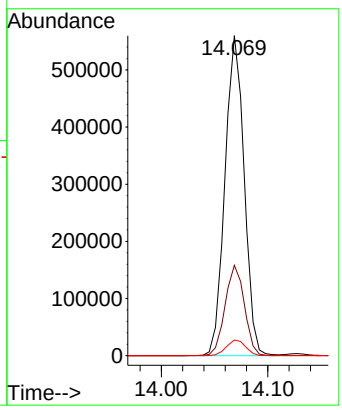


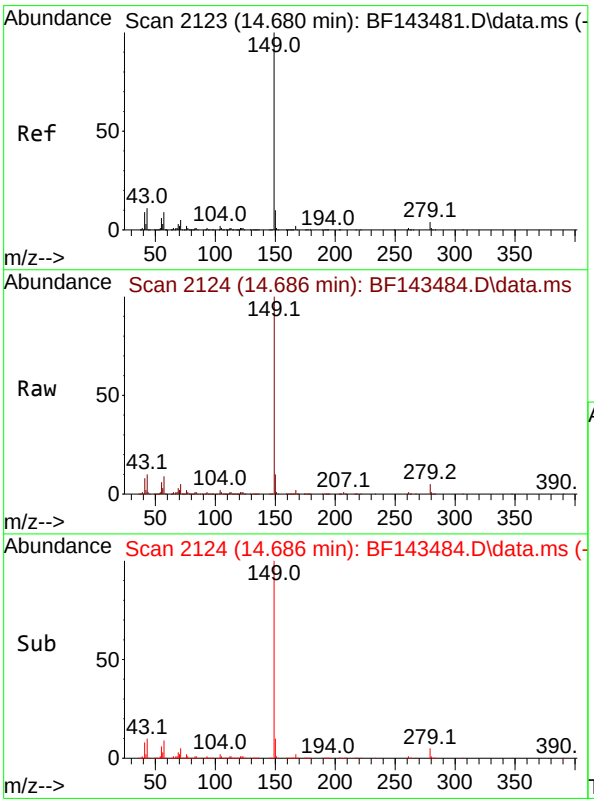
#84
Bis(2-ethylhexyl)phthalate
Concen: 81.836 ng
RT: 14.069 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 700384

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.2	33.2
279	4.9	3.6	5.4

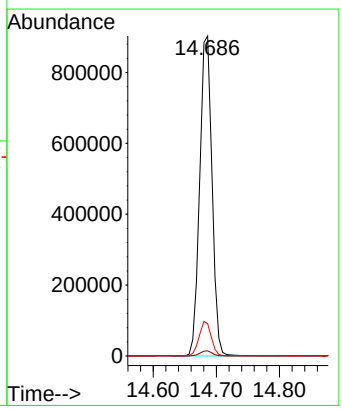


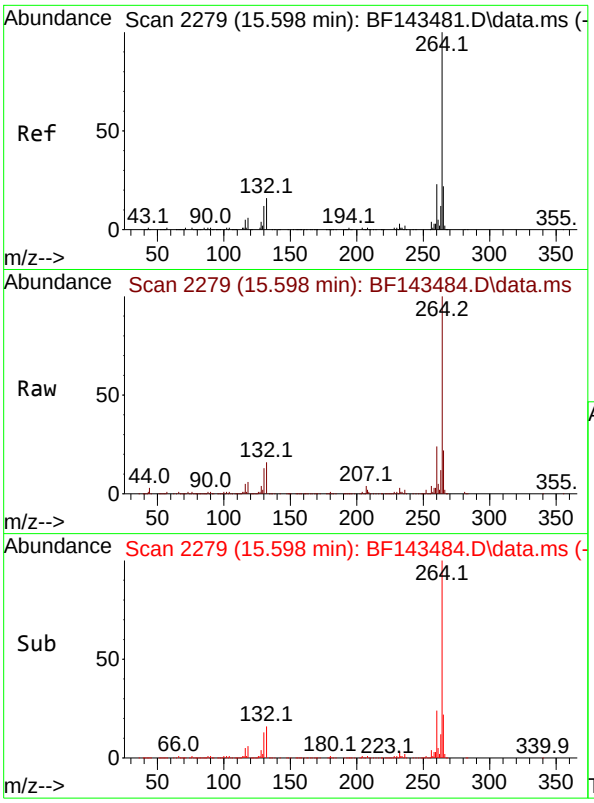


#85
Di-n-octyl phthalate
Concen: 77.442 ng
RT: 14.686 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:149 Resp: 1227818

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.6	8.5	12.7



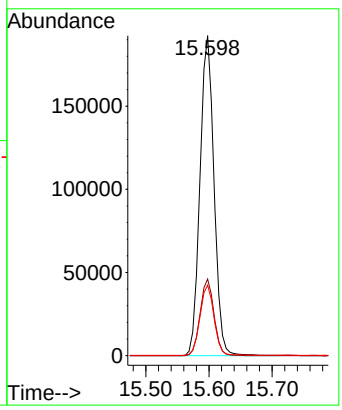


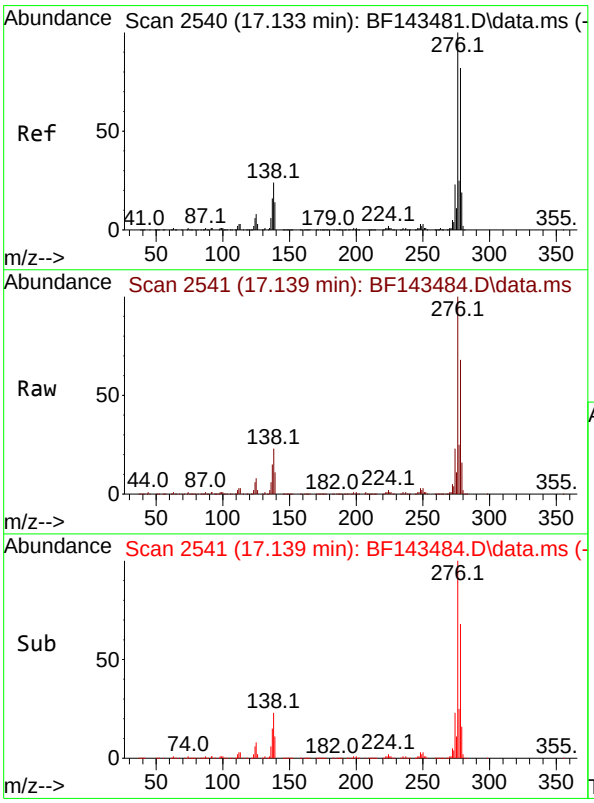
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:264 Resp: 296923

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	22.1	17.6	26.4

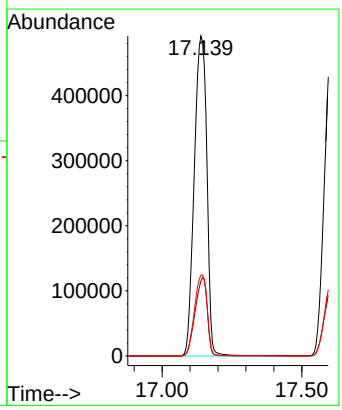


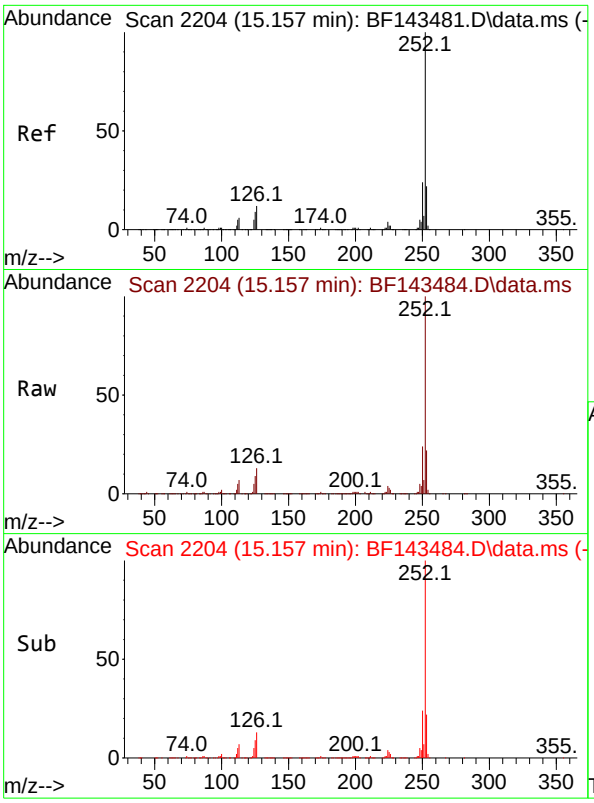


#87
Indeno(1,2,3-cd)pyrene
Concen: 72.108 ng
RT: 17.139 min Scan# 2541
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:276 Resp: 1538560

Ion	Ratio	Lower	Upper
276	100		
138	23.6	19.2	28.8
277	25.4	20.3	30.5



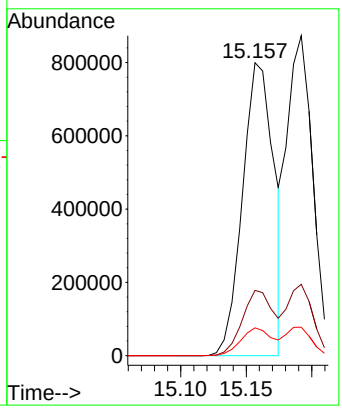


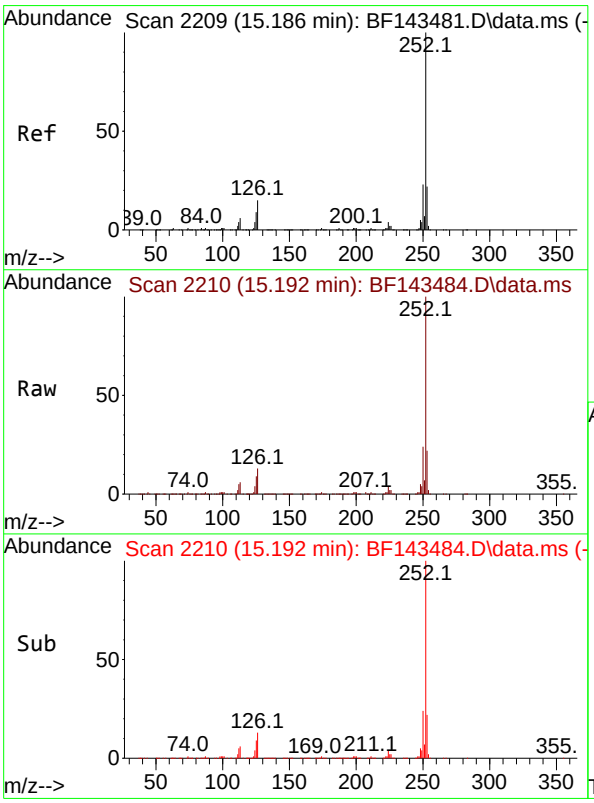
#88
Benzo(b)fluoranthene
Concen: 80.545 ng
RT: 15.157 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 1329385

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	9.5	7.4	11.0

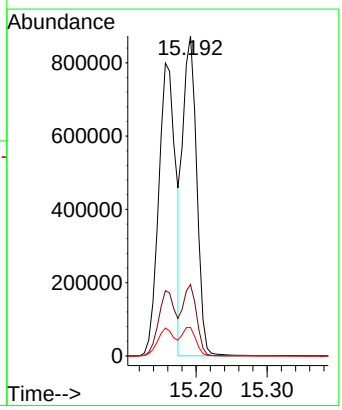


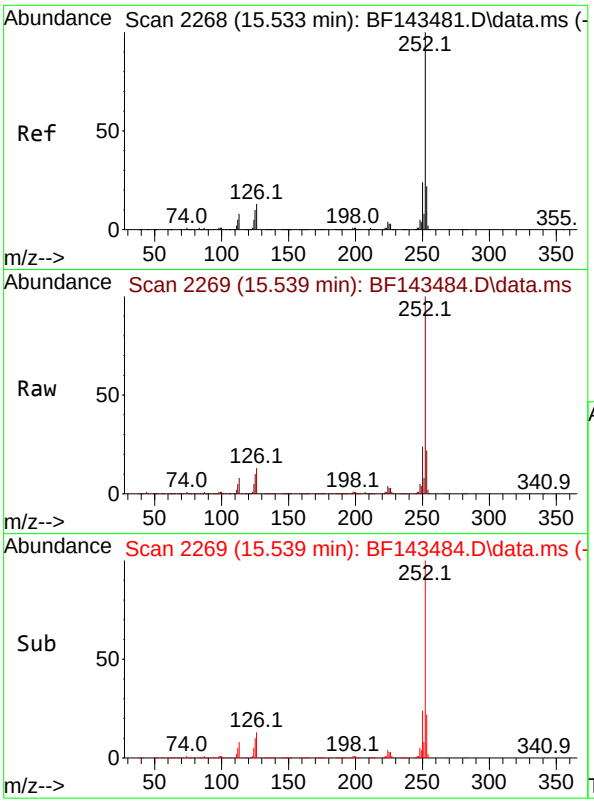


#89
Benzo(k)fluoranthene
Concen: 75.511 ng
RT: 15.192 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:252 Resp: 1193283

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	8.9	7.4	11.0



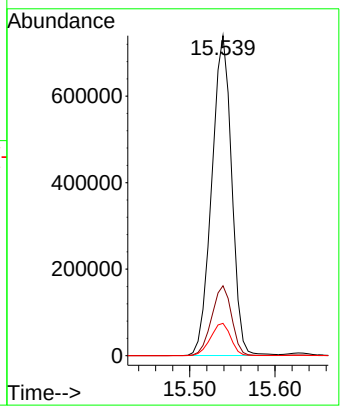


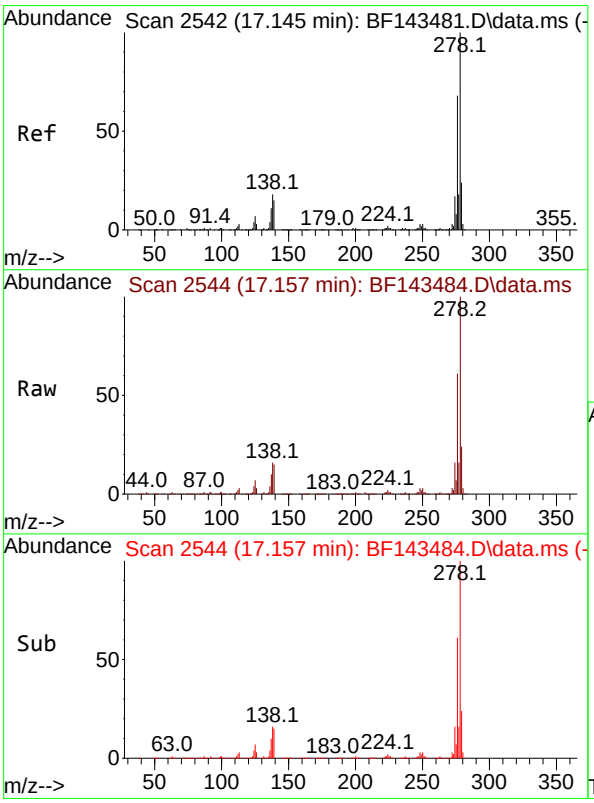
#90
Benzo(a)pyrene
Concen: 78.365 ng
RT: 15.539 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 1200553

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	10.1	8.2	12.2

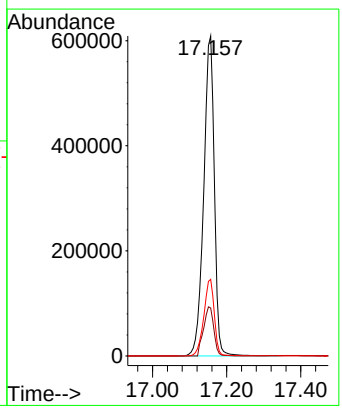


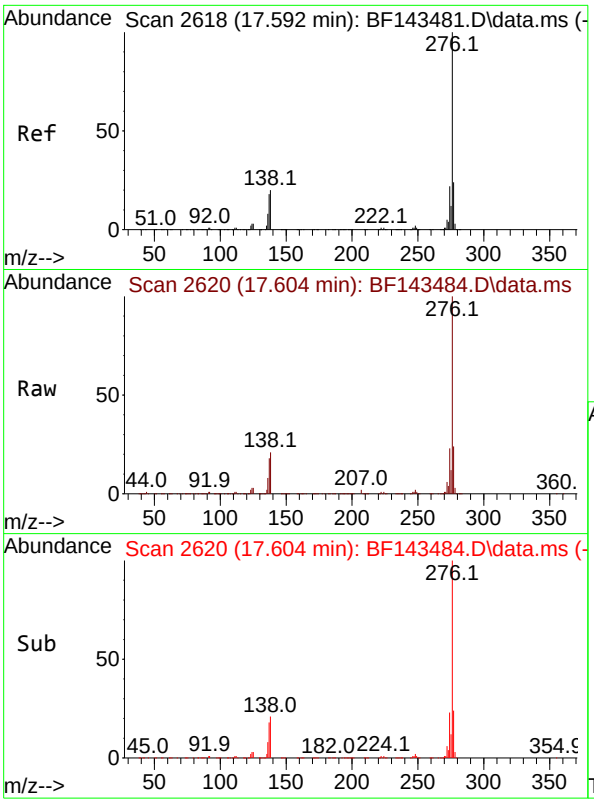


#91
Dibenzo(a,h)anthracene
Concen: 71.099 ng
RT: 17.157 min Scan# 2544
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:278 Resp: 1214959

Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.1	18.1
279	24.0	19.2	28.8



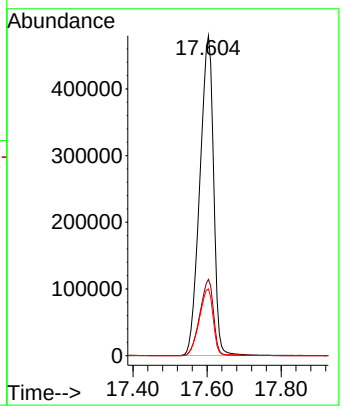


#92
Benzo(g,h,i)perylene
Concen: 72.598 ng
RT: 17.604 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:276 Resp: 1233571

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	20.9	16.3	24.5



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143485.D
Acq On : 20 Aug 2025 15:16
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Quant Time: Aug 20 16:24:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	147483	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	560799	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	307376	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	481864	20.000	ng	0.00
76) Chrysene-d12	14.098	240	290808	20.000	ng	0.00
86) Perylene-d12	15.598	264	304631	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	673963	79.796	ng	0.00
7) Phenol-d6	6.563	99	826142	79.236	ng	-0.01
23) Nitrobenzene-d5	7.492	82	774657	80.608	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	231053	80.753	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1418903	76.290	ng	0.00
79) Terphenyl-d14	13.039	244	1278285	76.705	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	153305	39.182	ng	99
3) Pyridine	3.516	79	420783	40.378	ng	100
4) n-Nitrosodimethylamine	3.457	42	191147	40.802	ng	96
6) Aniline	6.592	93	563974	40.468	ng	98
8) 2-Chlorophenol	6.716	128	375251	40.225	ng	99
9) Benzaldehyde	6.481	77	357456	42.346	ng	100
10) Phenol	6.581	94	487495	40.587	ng	98
11) bis(2-Chloroethyl)ether	6.657	93	359124	40.011	ng	99
12) 1,3-Dichlorobenzene	6.869	146	416344	39.721	ng	99
13) 1,4-Dichlorobenzene	6.945	146	414739	39.445	ng	99
14) 1,2-Dichlorobenzene	7.098	146	395851	39.765	ng	100
15) Benzyl Alcohol	7.069	79	321497	41.185	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.198	45	574948	40.039	ng	99
17) 2-Methylphenol	7.181	107	304639	40.687	ng	96
18) Hexachloroethane	7.439	117	145111	40.592	ng	99
19) n-Nitroso-di-n-propyla...	7.339	70	252025	39.547	ng	99
20) 3+4-Methylphenols	7.334	107	362521	40.559	ng	99
22) Acetophenone	7.334	105	472388	38.990	ng	99
24) Nitrobenzene	7.510	77	401365	40.579	ng	99
25) Isophorone	7.751	82	710700	40.343	ng	98
26) 2-Nitrophenol	7.828	139	202267	41.747	ng	99
27) 2,4-Dimethylphenol	7.863	122	299505	39.655	ng	98
28) bis(2-Chloroethoxy)met...	7.951	93	435322	40.210	ng	100
29) 2,4-Dichlorophenol	8.069	162	324407	40.217	ng	97
30) 1,2,4-Trichlorobenzene	8.151	180	326797	39.404	ng	99
31) Naphthalene	8.233	128	1050936	39.033	ng	100
32) Benzoic acid	7.986	122	174224	41.489	ng	98
33) 4-Chloroaniline	8.281	127	384473	40.234	ng	100
34) Hexachlorobutadiene	8.351	225	213848	39.523	ng	99
35) Caprolactam	8.651	113	86788	44.838	ng	95
36) 4-Chloro-3-methylphenol	8.763	107	327951	40.569	ng	99
37) 2-Methylnaphthalene	8.922	142	699087	38.877	ng	99
38) 1-Methylnaphthalene	9.022	142	675310	39.260	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	341006	38.786	ng	99
41) Hexachlorocyclopentadiene	9.080	237	123767	39.756	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	222378	41.105	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143485.D
Acq On : 20 Aug 2025 15:16
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Quant Time: Aug 20 16:24:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

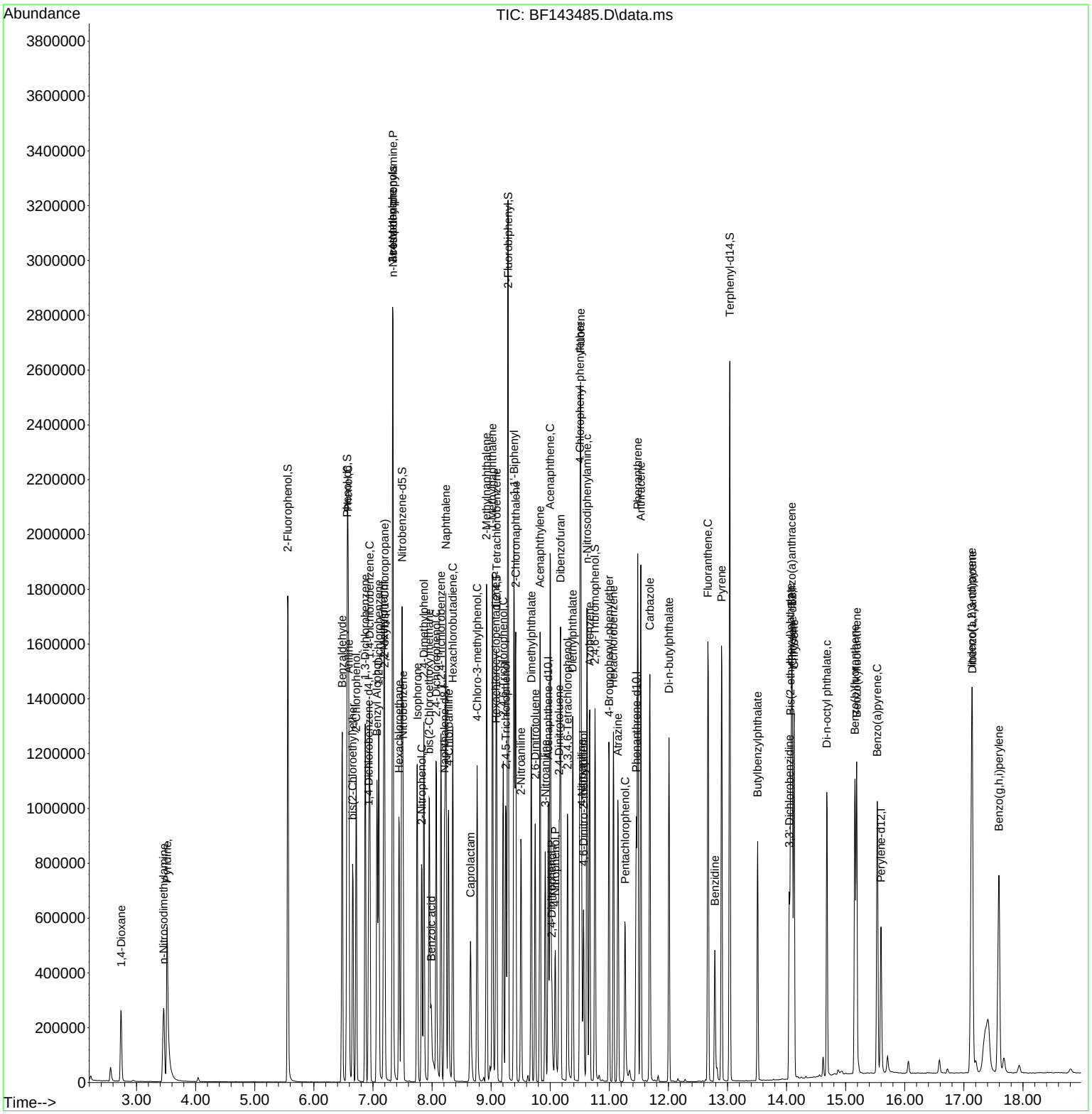
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	231521	39.178	ng	98
46) 1,1'-Biphenyl	9.386	154	850787	38.997	ng	100
47) 2-Chloronaphthalene	9.416	162	668760	39.068	ng	99
48) 2-Nitroaniline	9.504	65	209716	41.861	ng	99
49) Acenaphthylene	9.827	152	969574	39.557	ng	99
50) Dimethylphthalate	9.680	163	757804	40.935	ng	100
51) 2,6-Dinitrotoluene	9.745	165	162905	42.459	ng	98
52) Acenaphthene	9.998	154	664685	39.941	ng	100
53) 3-Nitroaniline	9.916	138	176223	42.506	ng	98
54) 2,4-Dinitrophenol	10.027	184	84522	43.761	ng	99
55) Dibenzofuran	10.175	168	925864	39.023	ng	99
56) 4-Nitrophenol	10.086	139	114429	46.387	ng	99
57) 2,4-Dinitrotoluene	10.151	165	221231	43.183	ng	97
58) Fluorene	10.516	166	710368	38.901	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	187764	42.767	ng	100
60) Diethylphthalate	10.380	149	692256	41.708	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	358628	39.269	ng	99
62) 4-Nitroaniline	10.533	138	167278	43.927	ng	99
63) Azobenzene	10.669	77	688082	39.982	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	119136	43.849	ng	97
66) n-Nitrosodiphenylamine	10.622	169	608072	39.212	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	231727	40.305	ng	99
68) Hexachlorobenzene	11.069	284	245068	39.544	ng	98
69) Atrazine	11.145	200	174902	43.693	ng	99
70) Pentachlorophenol	11.269	266	124649	43.916	ng	99
71) Phenanthrene	11.480	178	1012486	39.237	ng	100
72) Anthracene	11.533	178	1029696	39.390	ng	100
73) Carbazole	11.686	167	865651	40.413	ng	100
74) Di-n-butylphthalate	12.010	149	869364	43.507	ng	99
75) Fluoranthene	12.668	202	932217	40.261	ng	100
77) Benzidine	12.786	184	283076	39.962	ng	99
78) Pyrene	12.898	202	930449	38.897	ng	100
80) Butylbenzylphthalate	13.510	149	271515	41.549	ng	99
81) Benzo(a)anthracene	14.086	228	763549	40.783	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	208975	38.975	ng	99
83) Chrysene	14.127	228	651325	38.711	ng	99
84) Bis(2-ethylhexyl)phtha...	14.068	149	388068	38.990	ng	99
85) Di-n-octyl phthalate	14.680	149	700201	37.975	ng	100
87) Indeno(1,2,3-cd)pyrene	17.133	276	859881	39.281	ng	99
88) Benzo(b)fluoranthene	15.157	252	667733	39.433	ng	100
89) Benzo(k)fluoranthene	15.186	252	664593	40.992	ng	100
90) Benzo(a)pyrene	15.533	252	631989	40.208	ng	99
91) Dibenzo(a,h)anthracene	17.145	278	690364	39.378	ng	99
92) Benzo(g,h,i)perylene	17.592	276	697169	39.992	ng	100

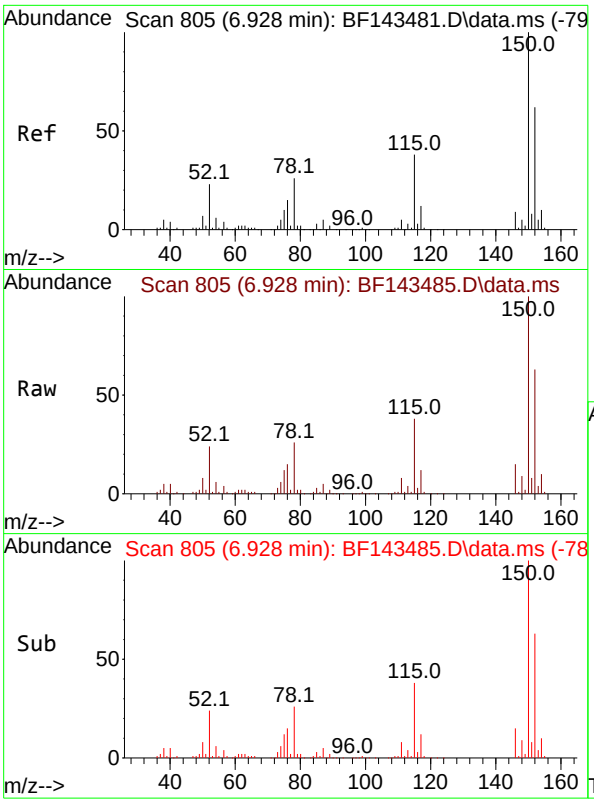
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143485.D
Acq On : 20 Aug 2025 15:16
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Quant Time: Aug 20 16:24:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration



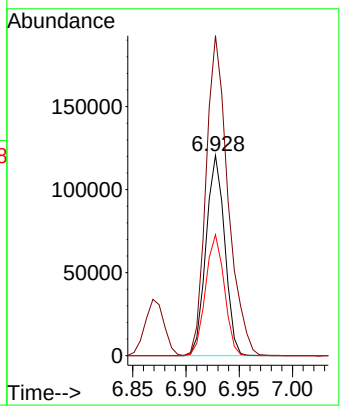


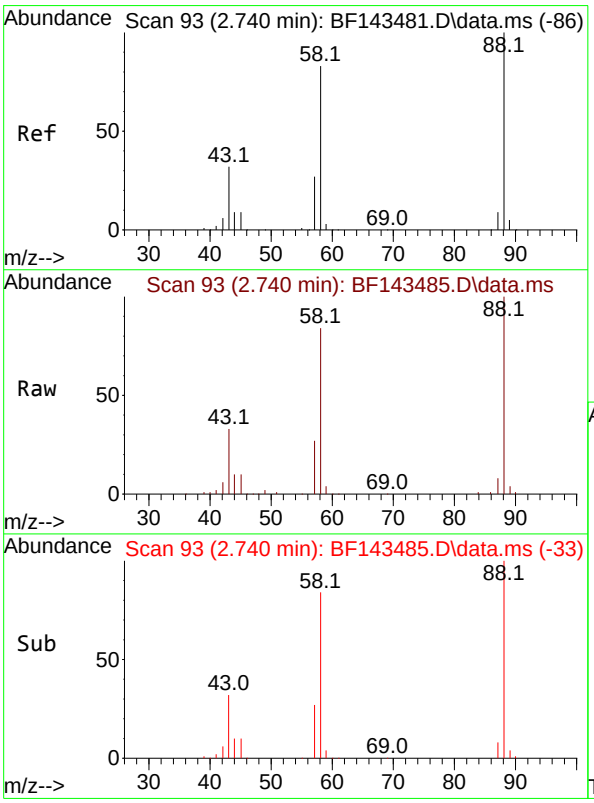
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:152 Resp: 147483

Ion	Ratio	Lower	Upper
152	100		
150	159.8	128.9	193.3
115	60.4	49.2	73.8

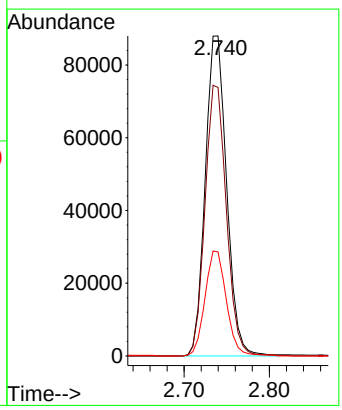


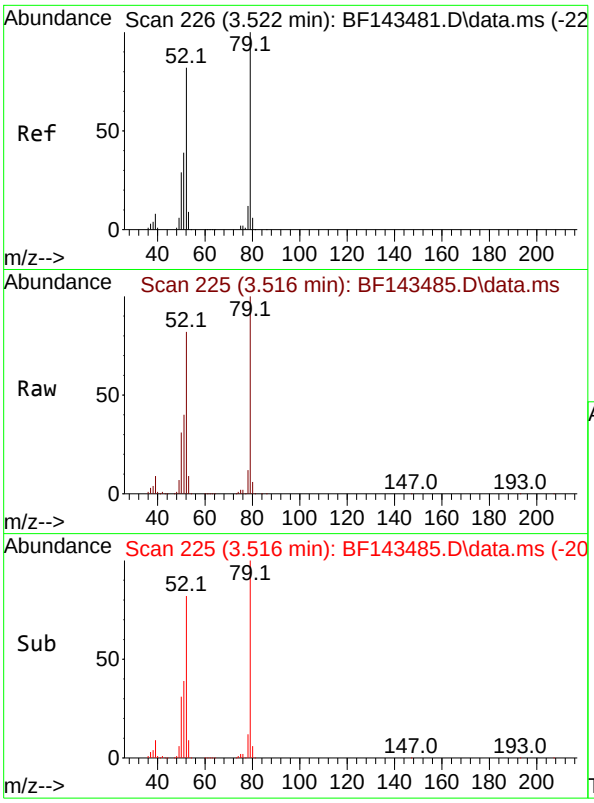


#2
1,4-Dioxane
Concen: 39.182 ng
RT: 2.740 min Scan# 93
Delta R.T. 0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion: 88 Resp: 153305

Ion	Ratio	Lower	Upper
88	100		
58	84.6	66.7	100.1
43	32.8	25.8	38.8



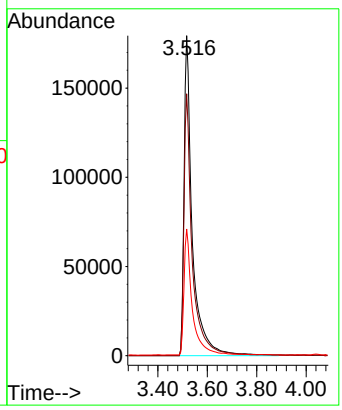


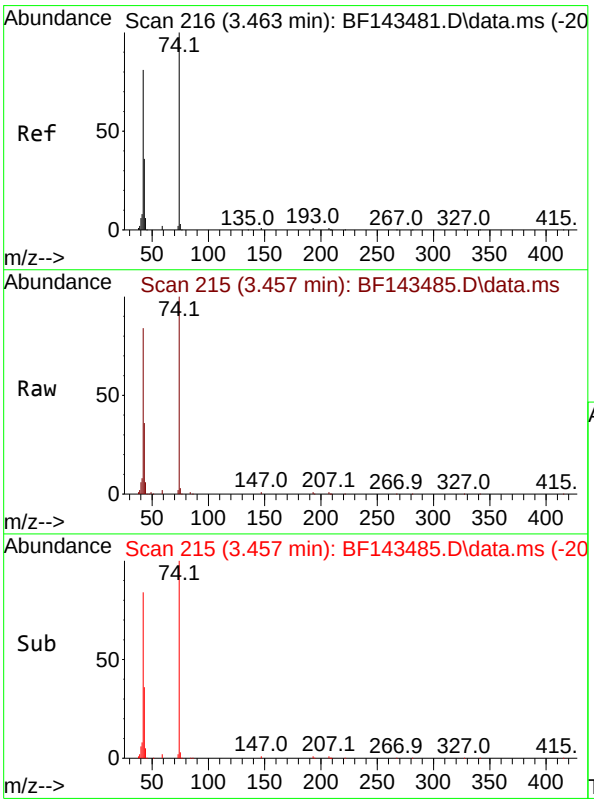
#3
Pyridine
Concen: 40.378 ng
RT: 3.516 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion: 79 Resp: 420783

Ion	Ratio	Lower	Upper
79	100		
52	81.9	65.6	98.4
51	39.6	31.2	46.8

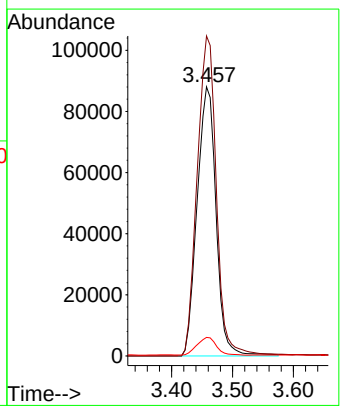


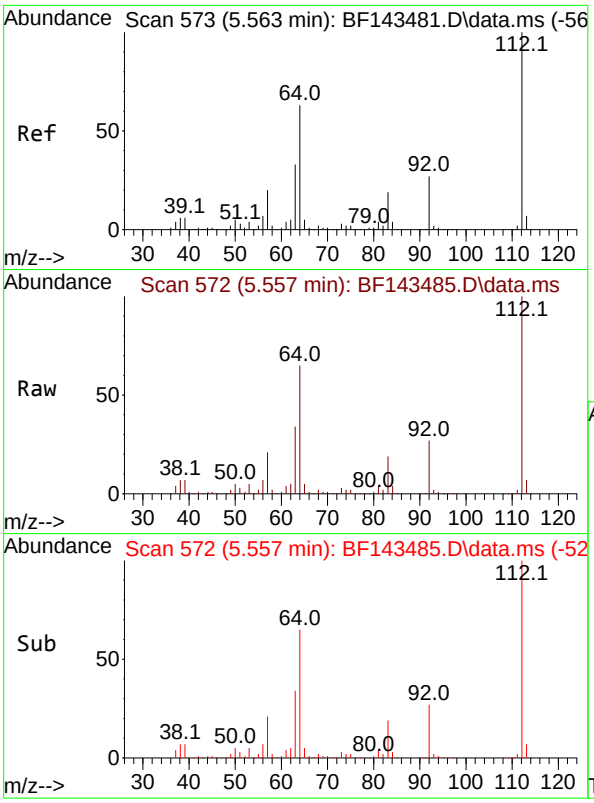


#4
n-Nitrosodimethylamine
Concen: 40.802 ng
RT: 3.457 min Scan# 215
Delta R.T. -0.018 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion: 42 Resp: 191147

Ion	Ratio	Lower	Upper
42	100		
74	118.9	98.6	148.0
44	6.9	5.8	8.8



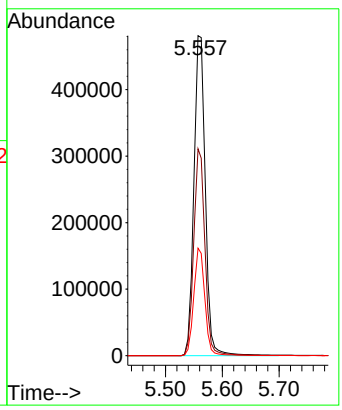


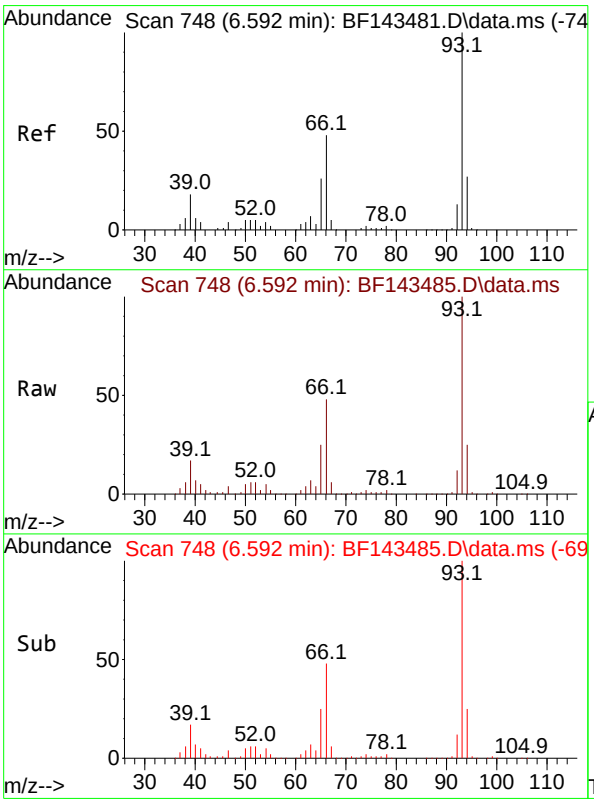
#5
2-Fluorophenol
Concen: 79.796 ng
RT: 5.557 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:112 Resp: 673963

Ion	Ratio	Lower	Upper
112	100		
64	64.6	50.4	75.6
63	33.6	26.4	39.6

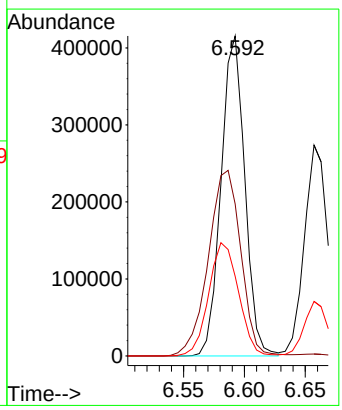


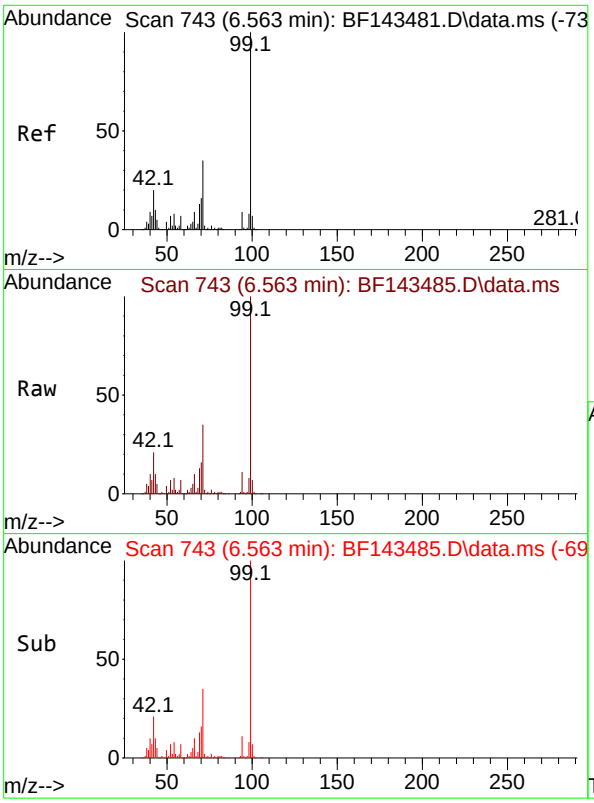


#6
Aniline
Concen: 40.468 ng
RT: 6.592 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion: 93 Resp: 563974

Ion	Ratio	Lower	Upper
93	100		
66	47.5	38.9	58.3
65	24.9	20.6	30.8



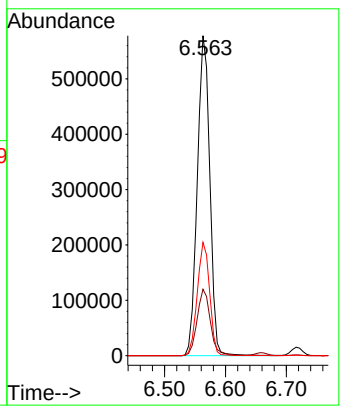


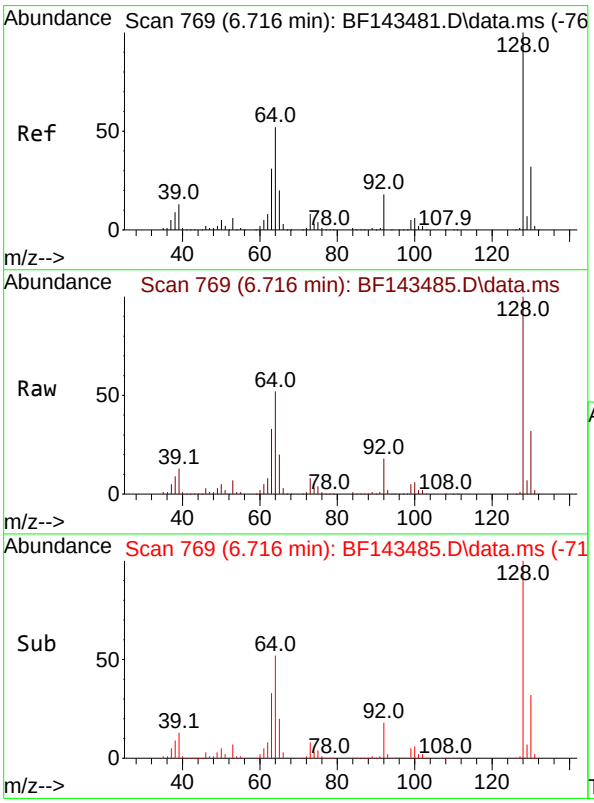
#7
Phenol-d6
Concen: 79.236 ng
RT: 6.563 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion: 99 Resp: 826142

Ion	Ratio	Lower	Upper
99	100		
42	20.8	16.3	24.5
71	35.4	28.2	42.2

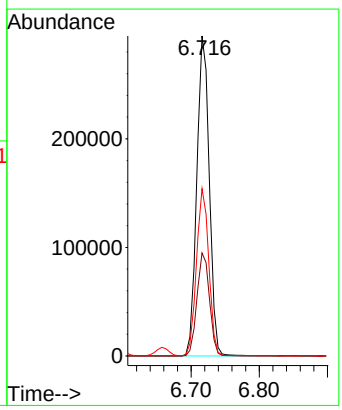


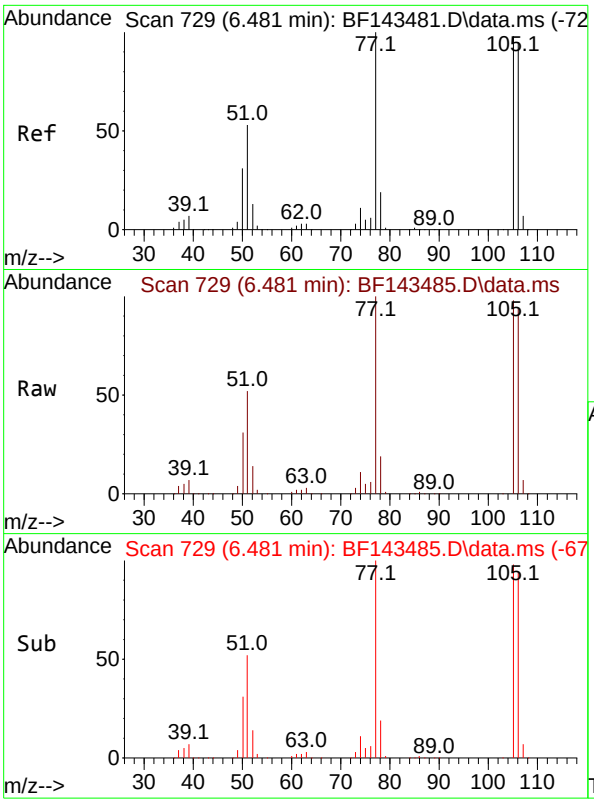


#8
2-Chlorophenol
Concen: 40.225 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:128 Resp: 375251

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.4	52.4
64	52.3	31.6	71.6



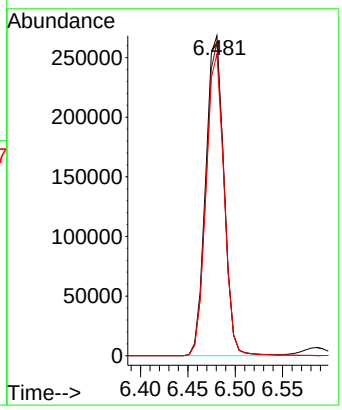


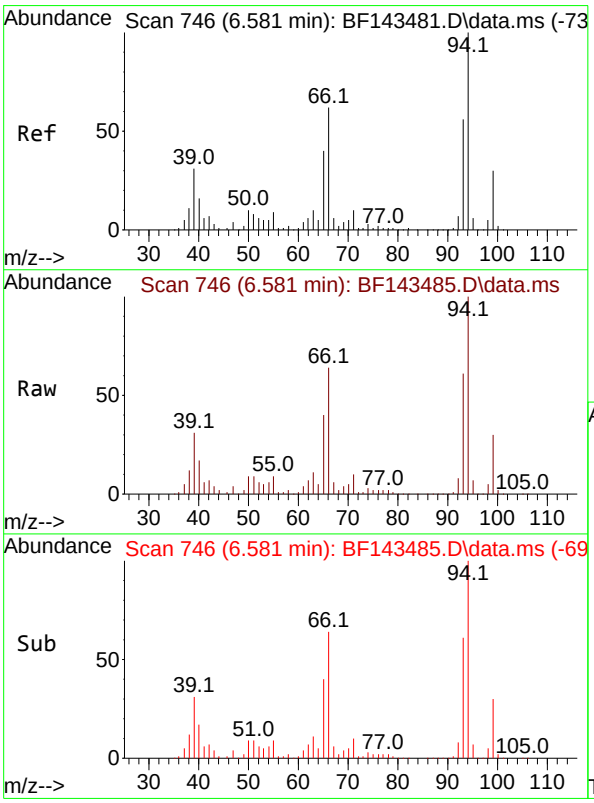
#9
Benzaldehyde
Concen: 42.346 ng
RT: 6.481 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion: 77 Resp: 357456

Ion	Ratio	Lower	Upper
77	100		
105	97.9	78.1	118.1
106	94.3	74.9	114.9

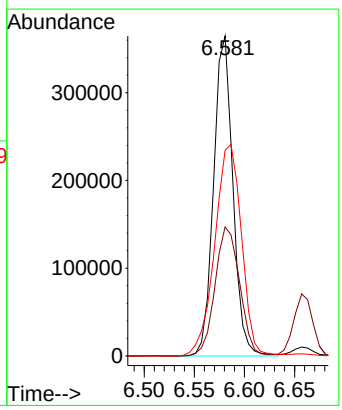


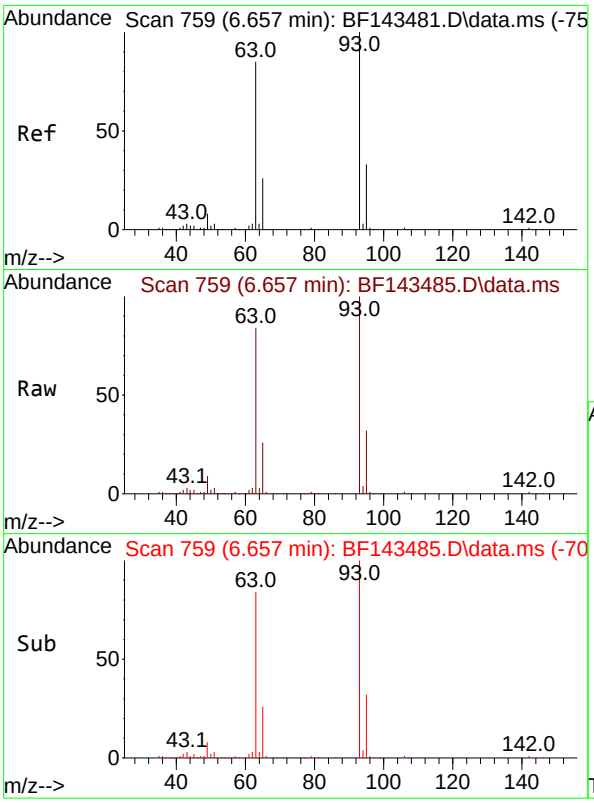


#10
Phenol
Concen: 40.587 ng
RT: 6.581 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion: 94 Resp: 487495

Ion	Ratio	Lower	Upper
94	100		
65	40.3	19.5	59.5
66	64.2	42.5	82.5



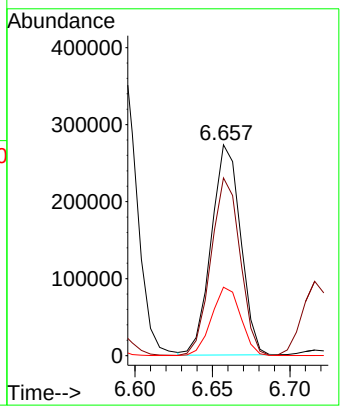


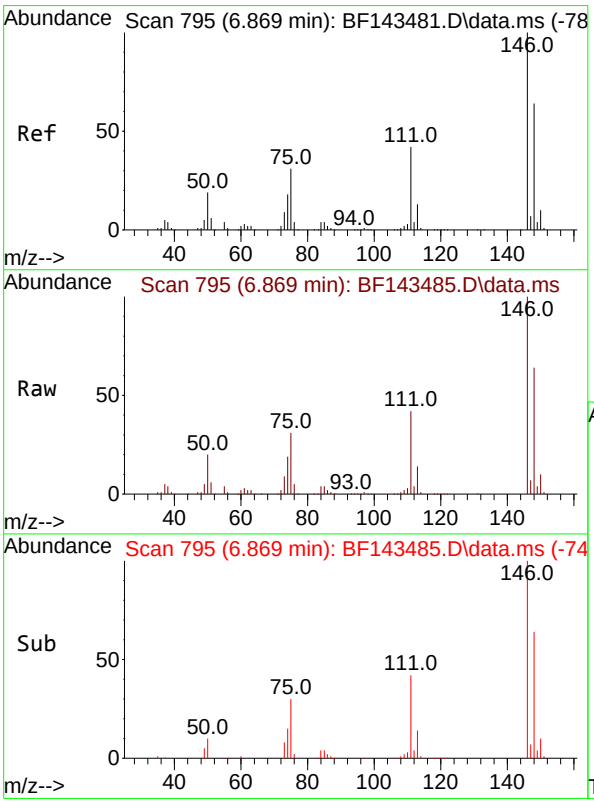
#11
bis(2-Chloroethyl)ether
Concen: 40.011 ng
RT: 6.657 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion: 93 Resp: 359124

Ion	Ratio	Lower	Upper
93	100		
63	84.4	63.6	103.6
95	32.5	12.8	52.8

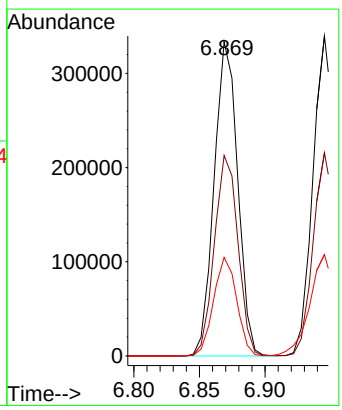


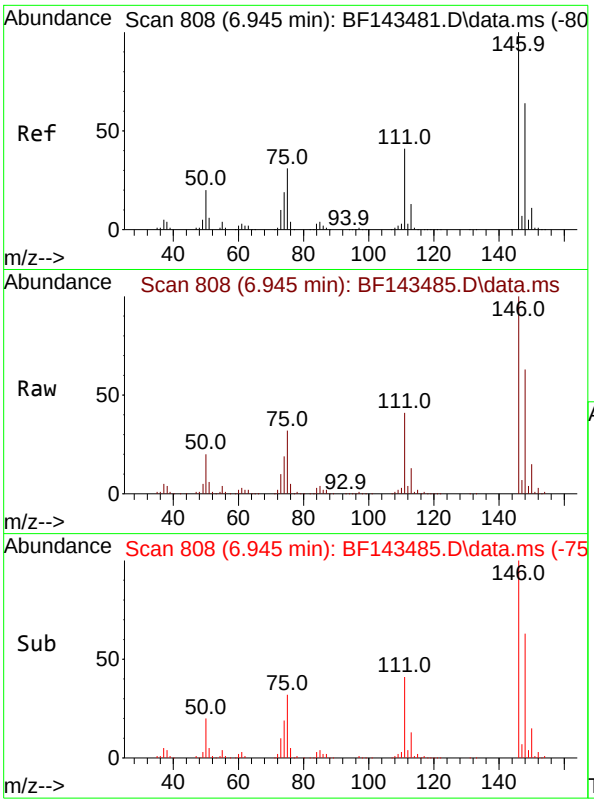


#12
1,3-Dichlorobenzene
Concen: 39.721 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:146 Resp: 416344

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.3	76.9
75	31.4	24.7	37.1



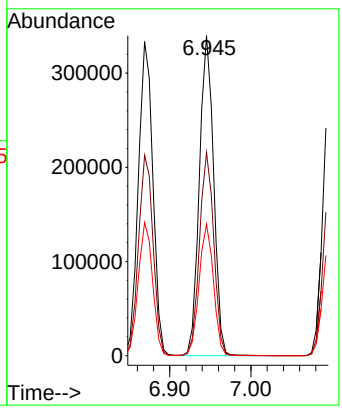


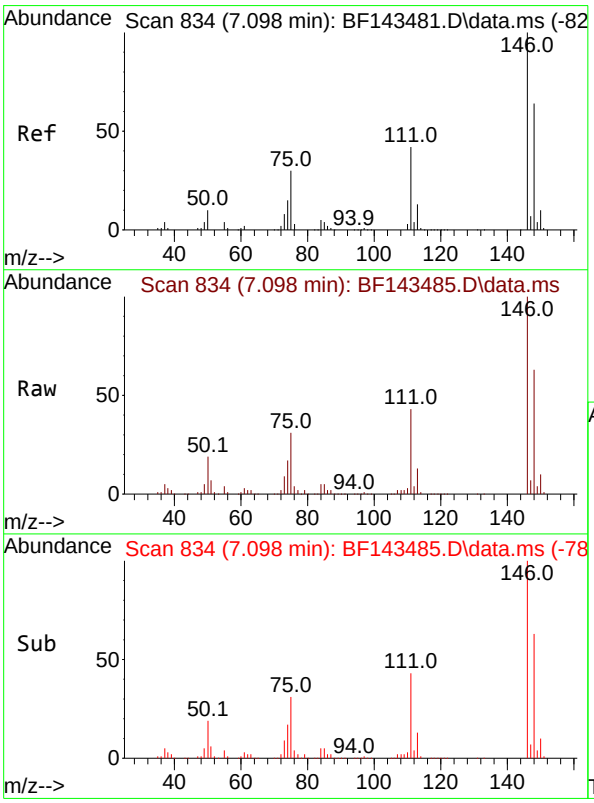
#13
1,4-Dichlorobenzene
Concen: 39.445 ng
RT: 6.945 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:146 Resp: 414739

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.5	77.3
111	41.1	32.6	49.0

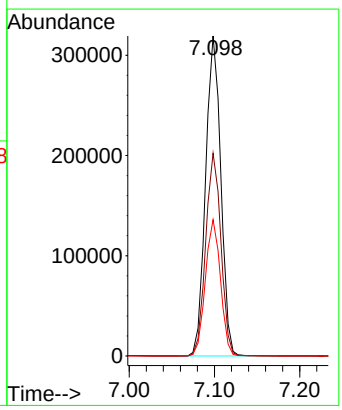


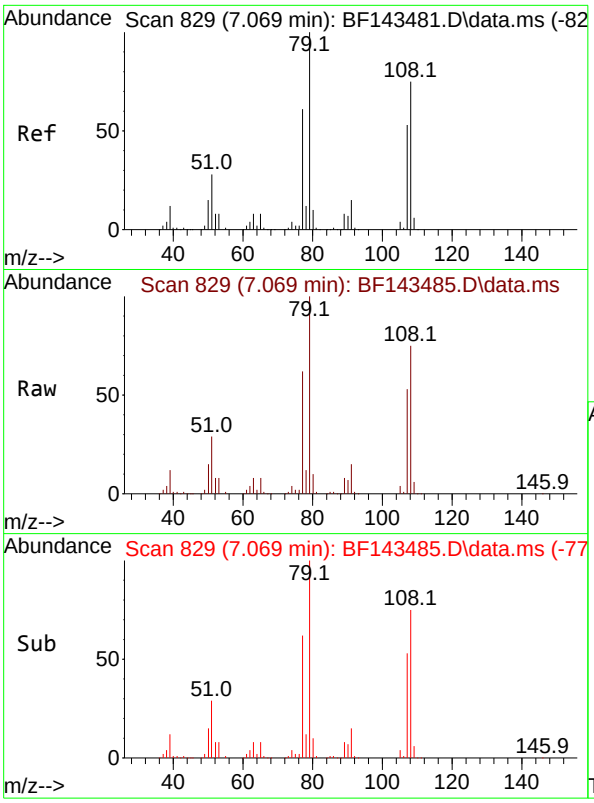


#14
1,2-Dichlorobenzene
Concen: 39.765 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:146 Resp: 395851

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.0	76.6
111	42.6	34.0	51.0



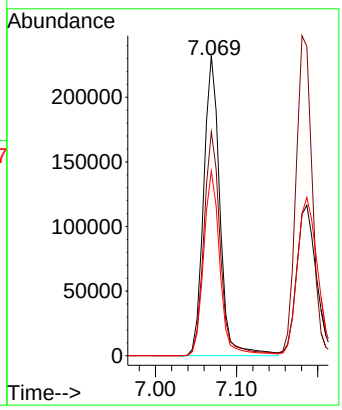


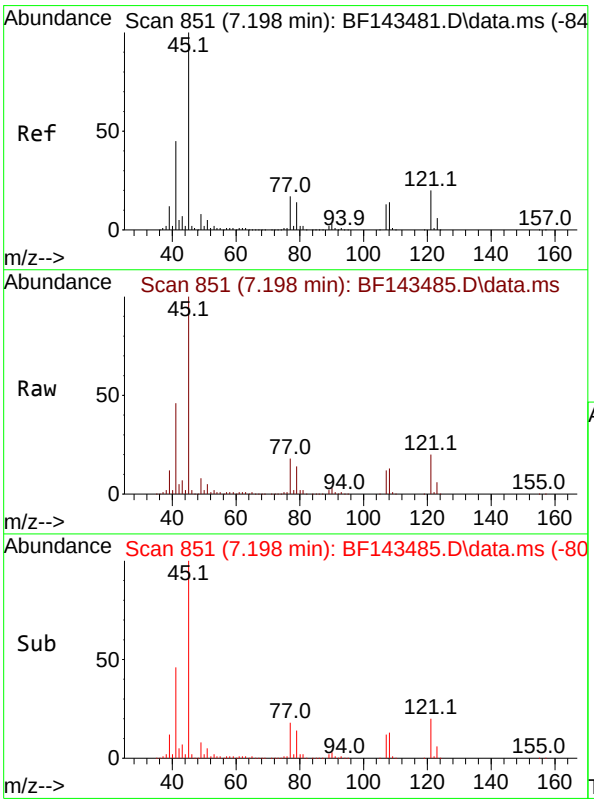
#15
Benzyl Alcohol
Concen: 41.185 ng
RT: 7.069 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion: 79 Resp: 321497

Ion	Ratio	Lower	Upper
79	100		
108	74.6	59.8	89.6
77	61.6	49.0	73.4

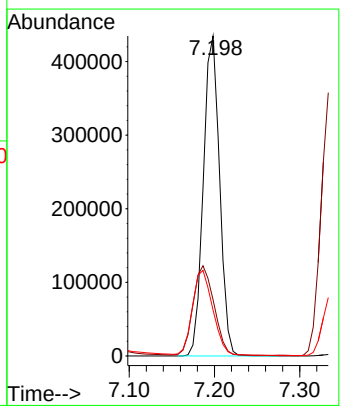


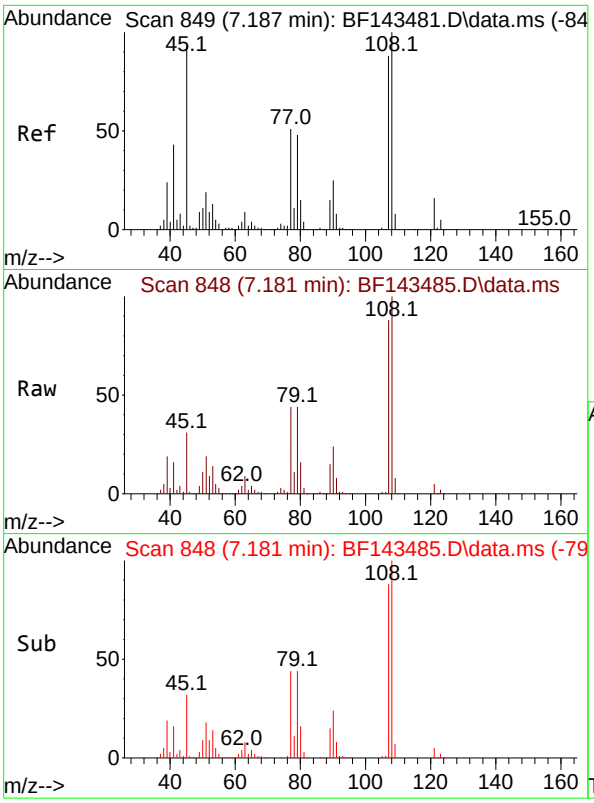


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.039 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion: 45 Resp: 574948

Ion	Ratio	Lower	Upper
45	100		
77	17.6	0.0	37.9
79	14.3	0.0	34.7



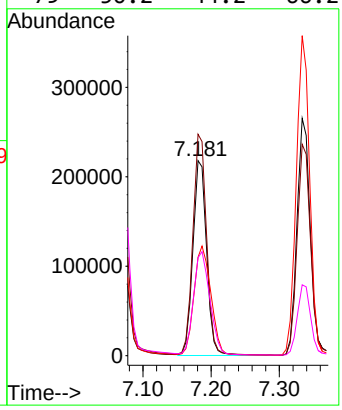


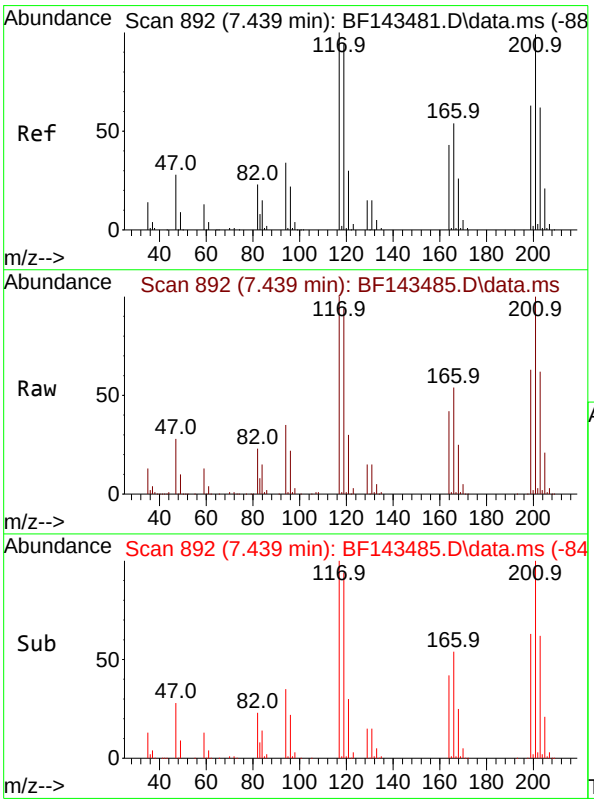
#17
2-Methylphenol
Concen: 40.687 ng
RT: 7.181 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:107 Resp: 304639

Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.1	136.7
77	50.5	46.2	69.4
79	50.2	44.2	66.2

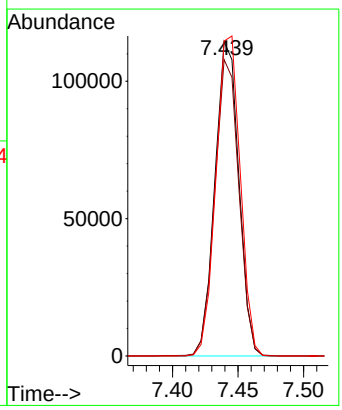


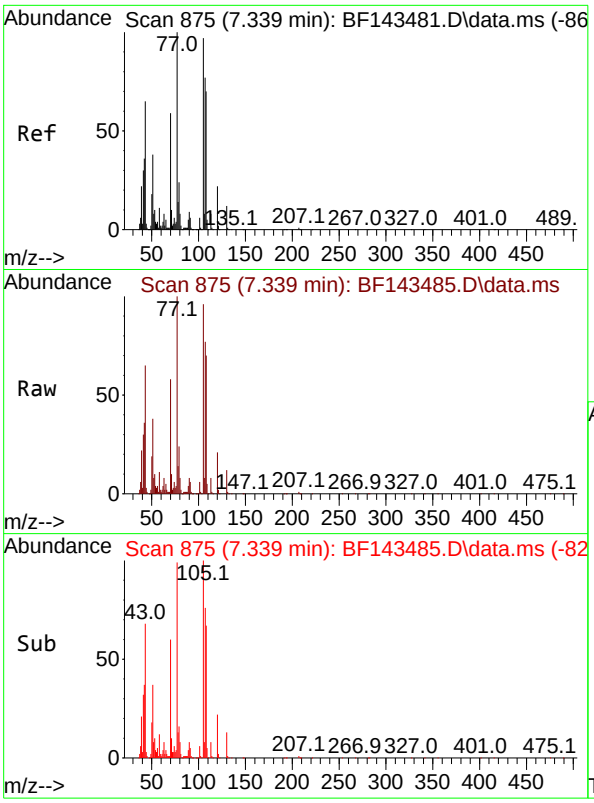


#18
Hexachloroethane
Concen: 40.592 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:117 Resp: 145111

Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.4	113.0
201	100.1	79.0	118.4



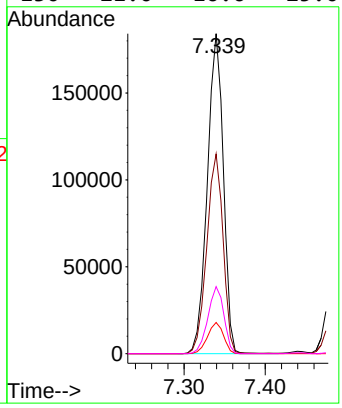


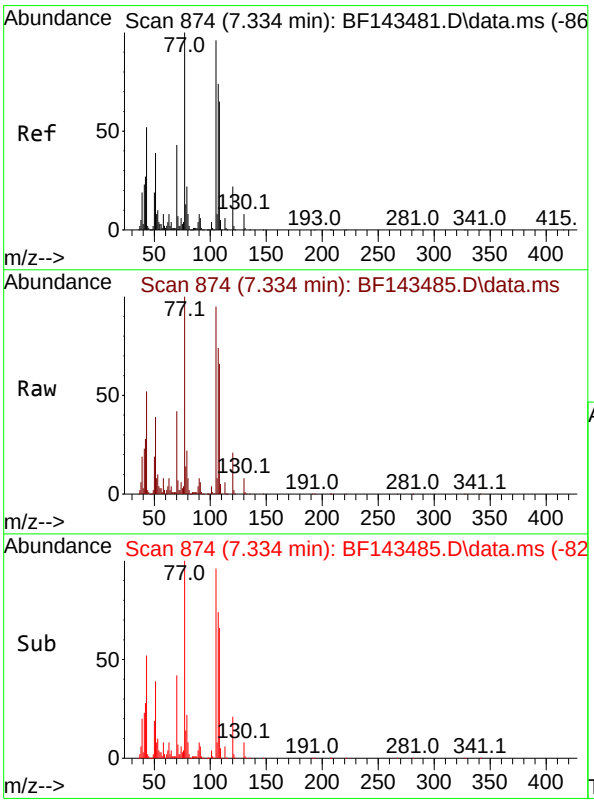
#19
n-Nitroso-di-n-propylamine
Concen: 39.547 ng
RT: 7.339 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion: 70 Resp: 252025

Ion	Ratio	Lower	Upper
70	100		
42	62.4	49.3	73.9
101	9.8	7.8	11.8
130	21.0	16.6	25.0

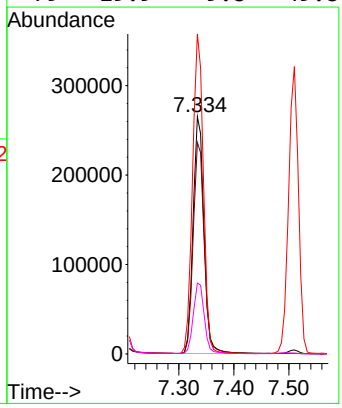


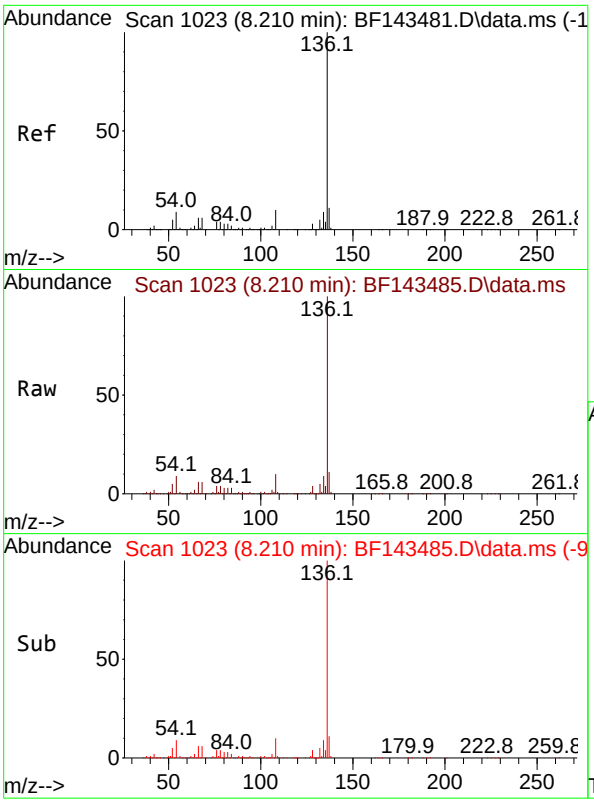


#20
3+4-Methylphenols
Concen: 40.559 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:107 Resp: 362521

Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.4	108.4
77	134.8	116.1	156.1
79	29.9	9.8	49.8



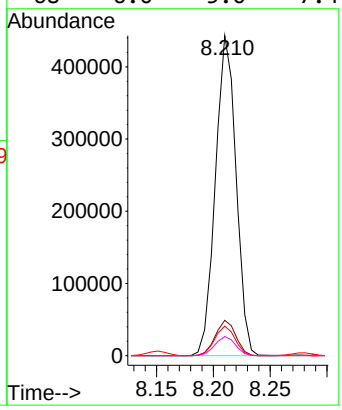


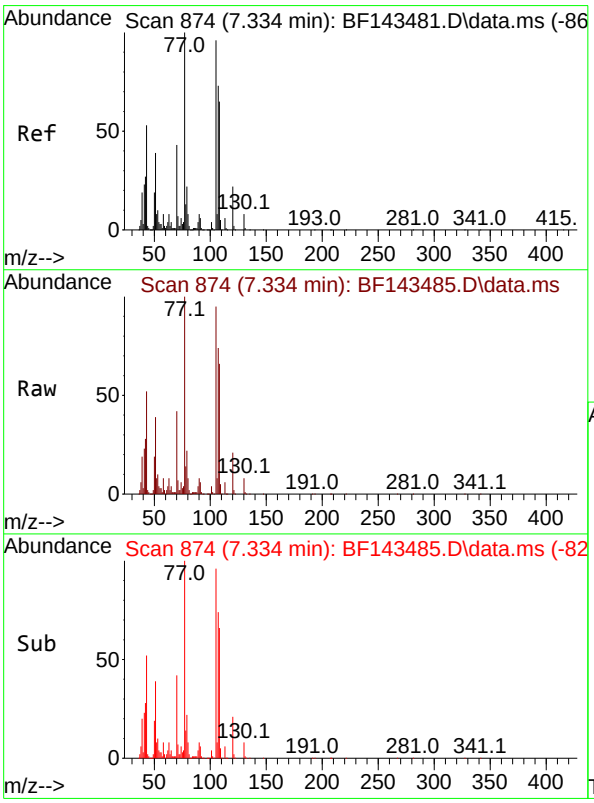
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:136 Resp: 560799

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	9.3	7.4	11.2
68	6.0	5.0	7.4

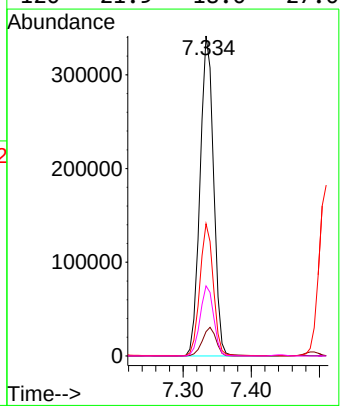


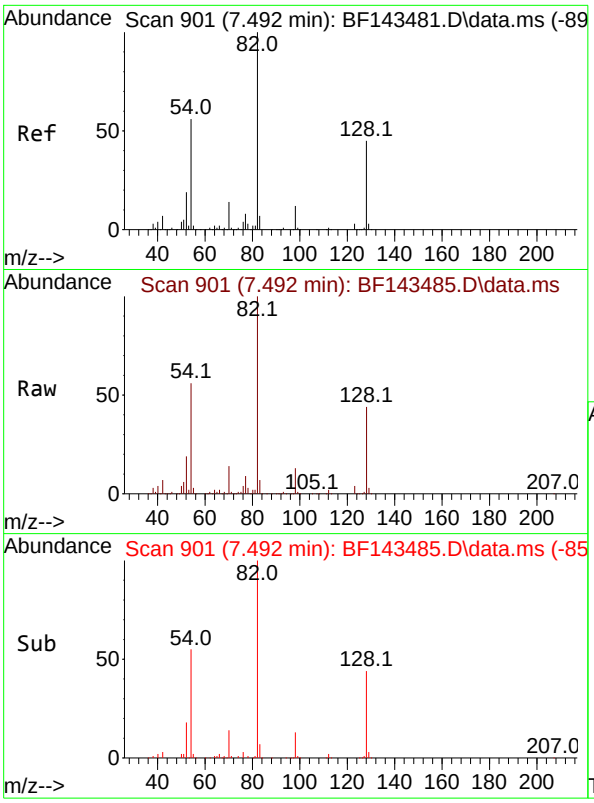


#22
Acetophenone
Concen: 38.990 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:105 Resp: 472388

Ion	Ratio	Lower	Upper
105	100		
71	7.6	5.9	8.9
51	41.3	32.5	48.7
120	21.9	18.0	27.0



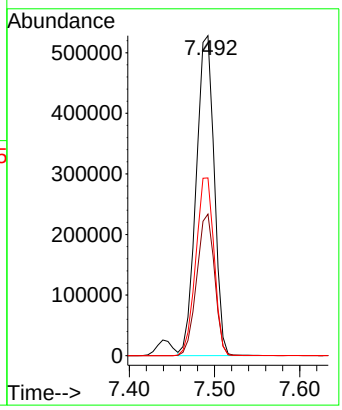


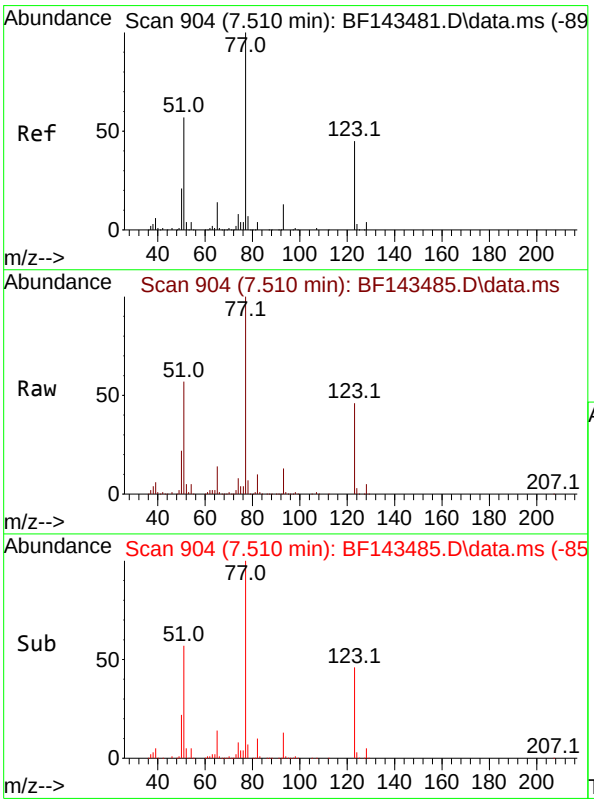
#23
Nitrobenzene-d5
Concen: 80.608 ng
RT: 7.492 min Scan# 9(
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion: 82 Resp: 774657

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.5	53.3
54	55.6	44.3	66.5

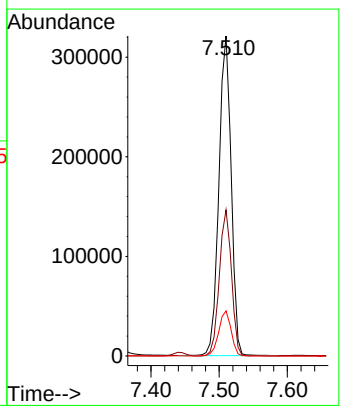


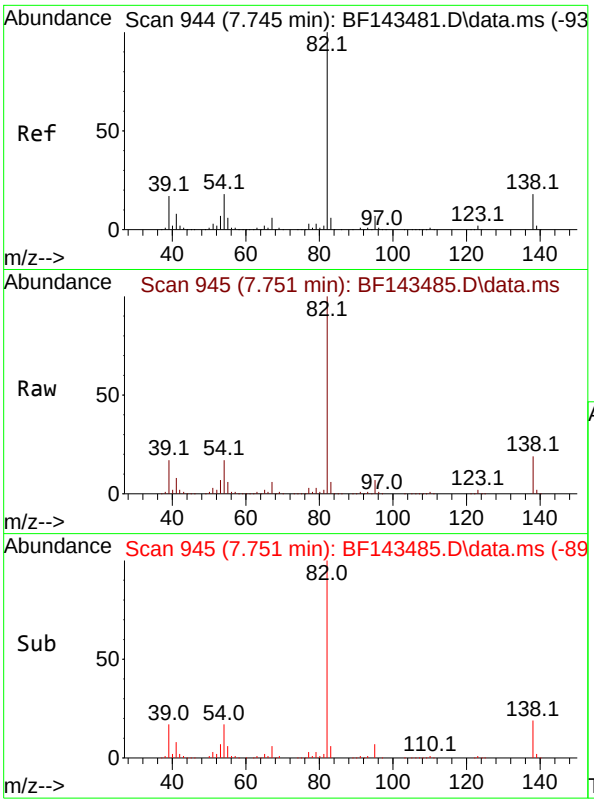


#24
Nitrobenzene
Concen: 40.579 ng
RT: 7.510 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion: 77 Resp: 401365

Ion	Ratio	Lower	Upper
77	100		
123	45.7	36.1	54.1
65	14.1	11.0	16.6



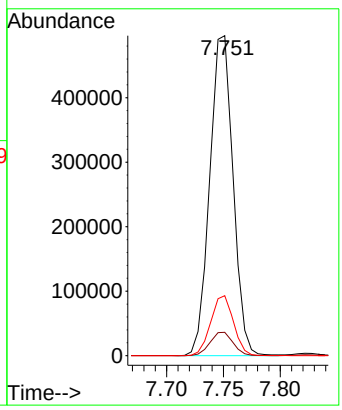


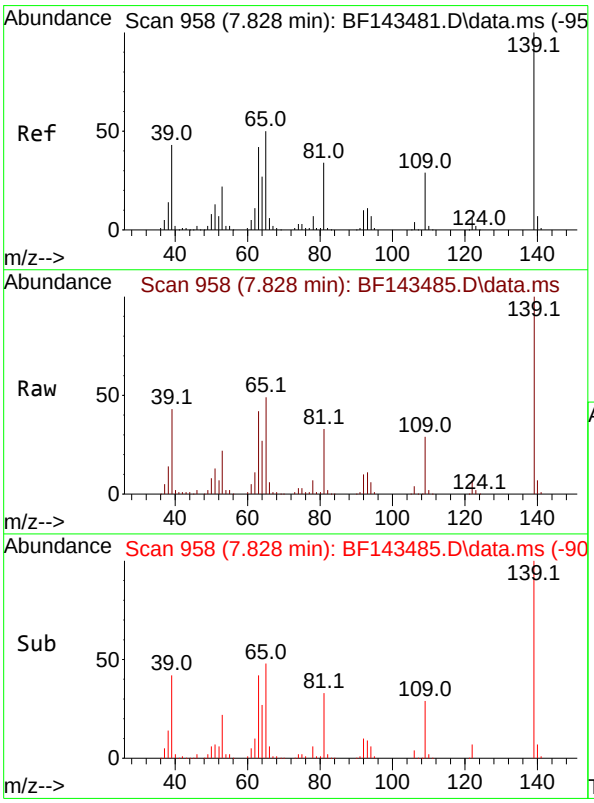
#25
Isophorone
Concen: 40.343 ng
RT: 7.751 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion: 82 Resp: 710700

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.8
138	18.8	14.2	21.4

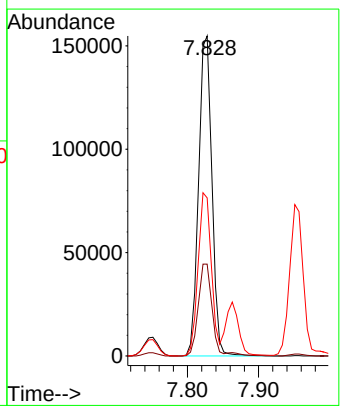


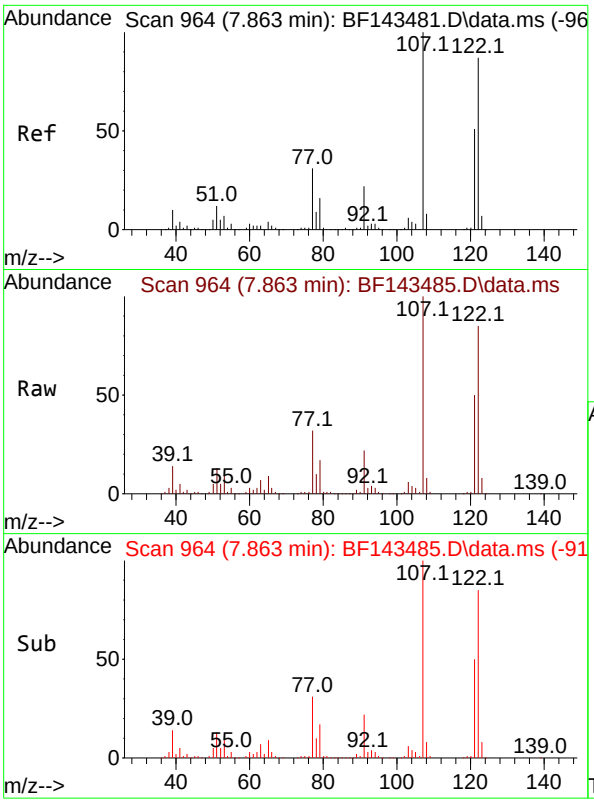


#26
2-Nitrophenol
Concen: 41.747 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:139 Resp: 202267

Ion	Ratio	Lower	Upper
139	100		
109	28.7	23.0	34.6
65	49.4	40.3	60.5



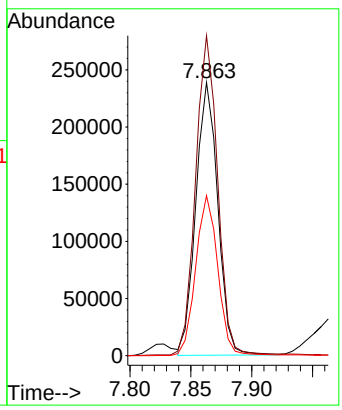


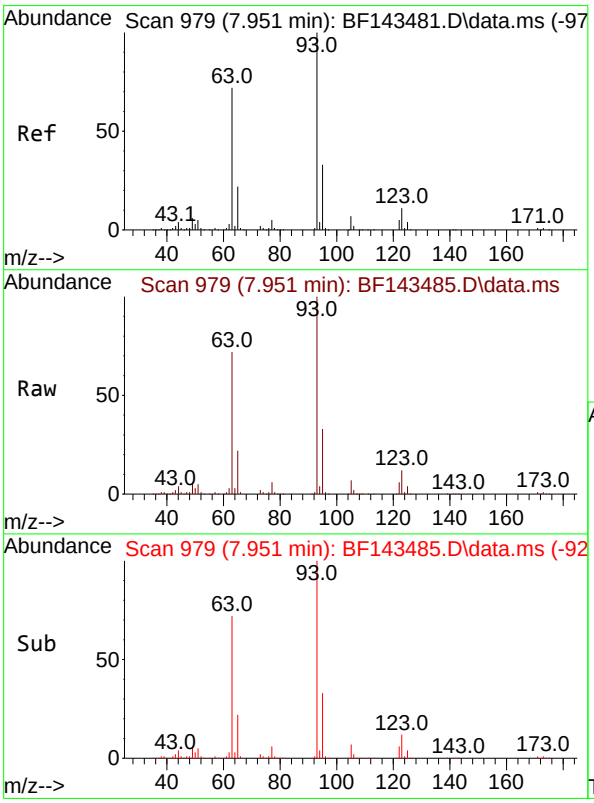
#27
2,4-Dimethylphenol
Concen: 39.655 ng
RT: 7.863 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:122 Resp: 299505

Ion	Ratio	Lower	Upper
122	100		
107	117.1	91.5	137.3
121	58.6	47.0	70.4

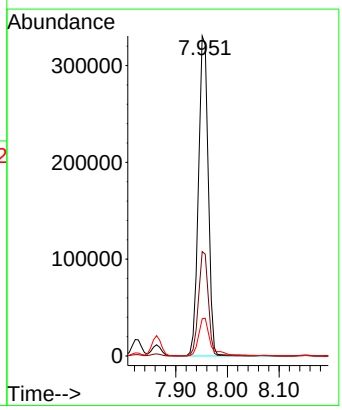


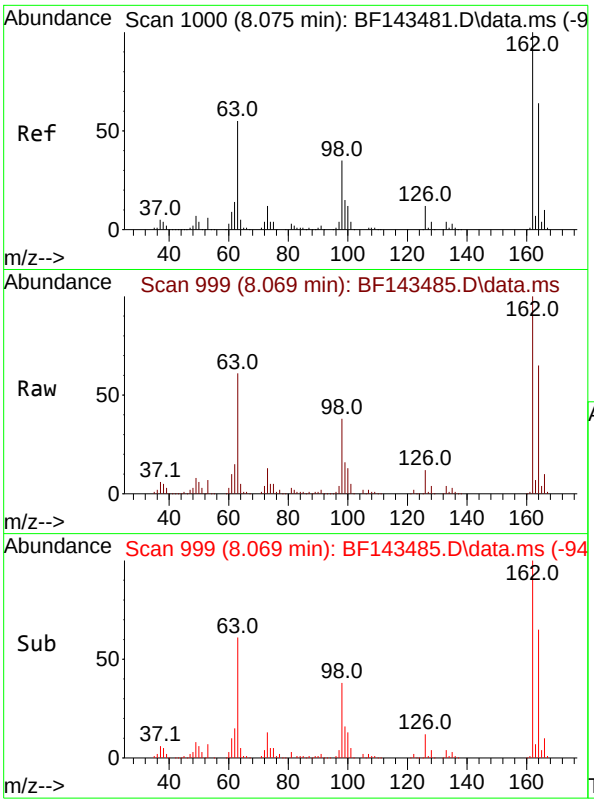


#28
bis(2-Chloroethoxy)methane
Concen: 40.210 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion: 93 Resp: 435322

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.0	39.0
123	11.7	9.1	13.7



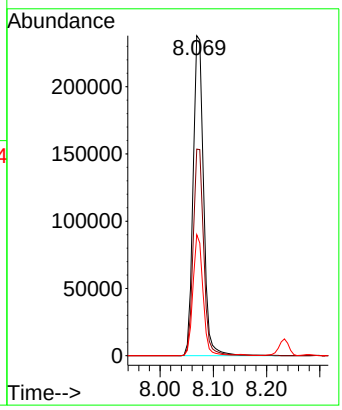


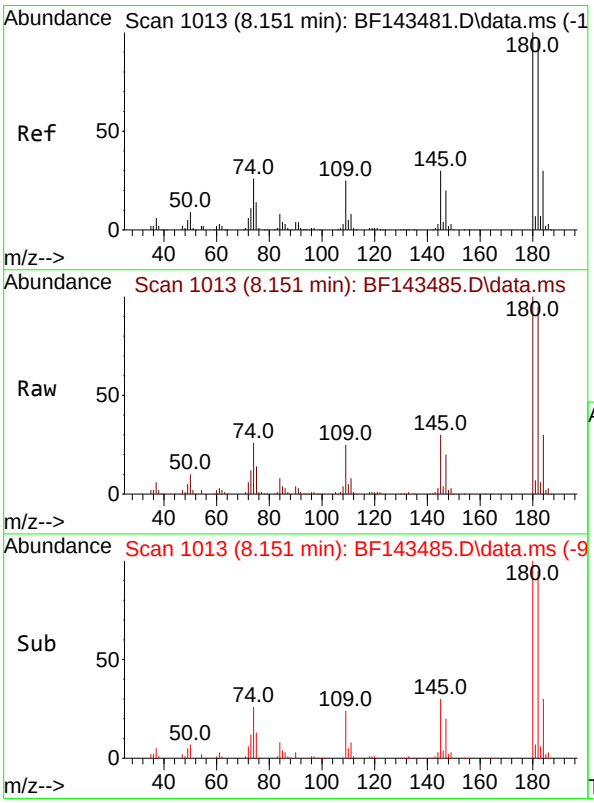
#29
2,4-Dichlorophenol
Concen: 40.217 ng
RT: 8.069 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:162 Resp: 324407

Ion	Ratio	Lower	Upper
162	100		
164	64.6	43.5	83.5
98	37.8	15.1	55.1

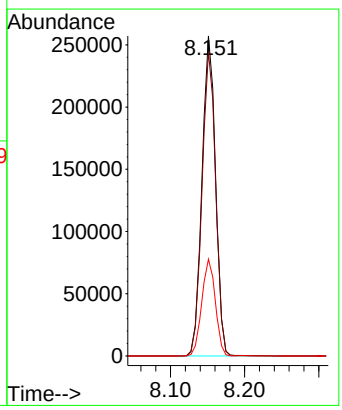


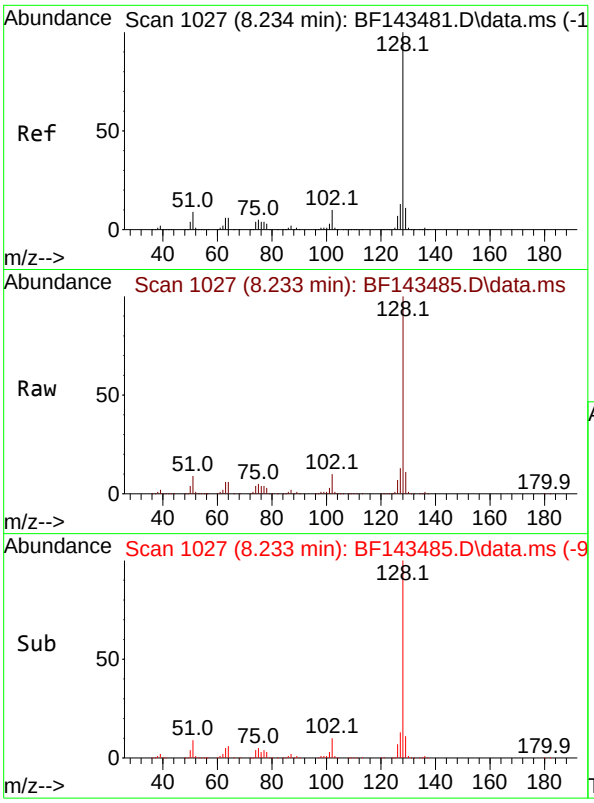


#30
1,2,4-Trichlorobenzene
Concen: 39.404 ng
RT: 8.151 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:180 Resp: 326797

Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.6	114.8
145	30.3	24.3	36.5



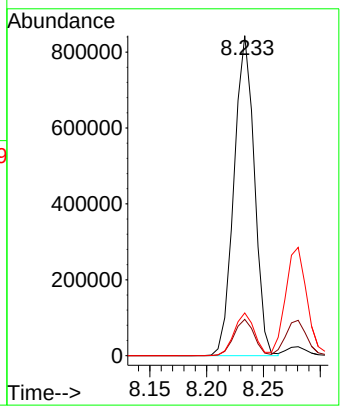


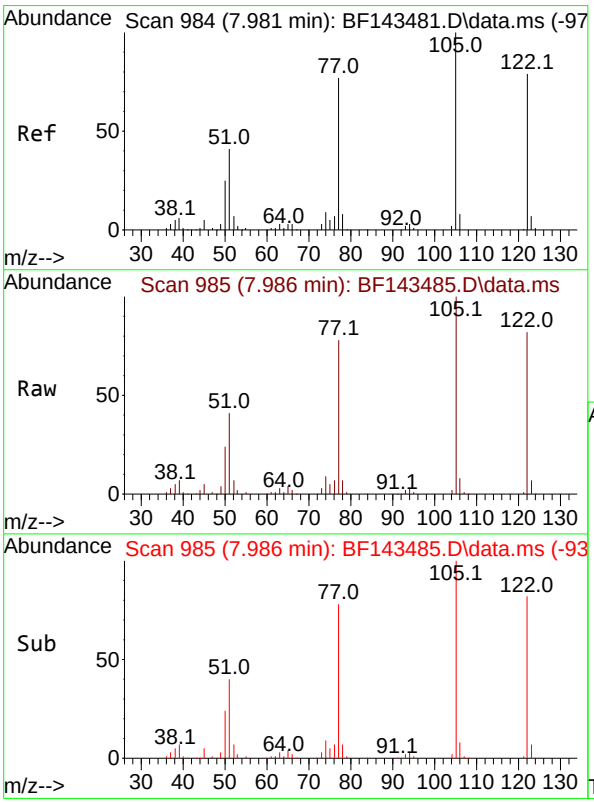
#31
Naphthalene
Concen: 39.033 ng
RT: 8.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:128 Resp: 1050936

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.3	10.6	16.0

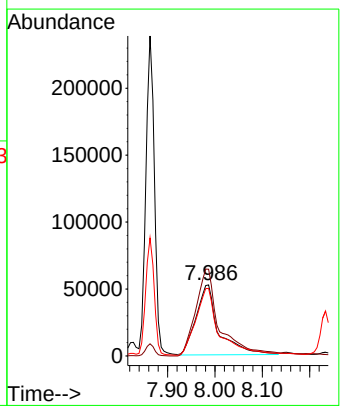


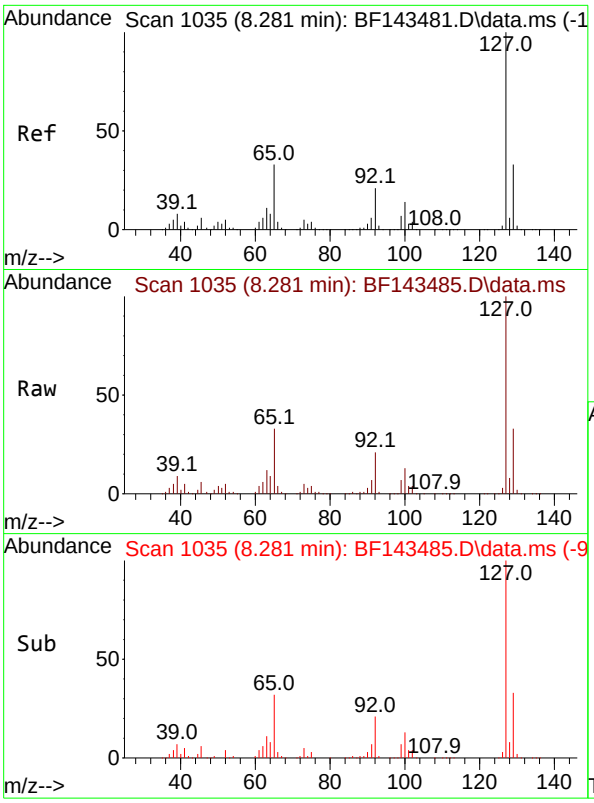


#32
Benzoic acid
Concen: 41.489 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.024 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:122 Resp: 174224

Ion	Ratio	Lower	Upper
122	100		
105	122.1	104.7	144.7
77	95.0	77.3	117.3



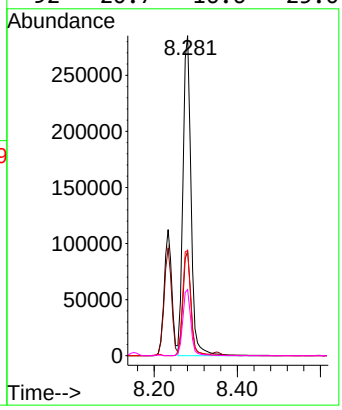


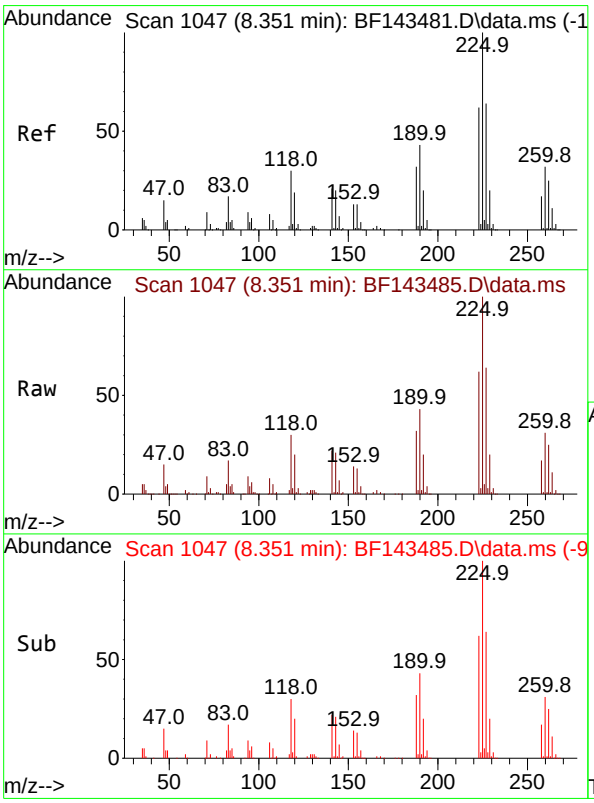
#33
4-Chloroaniline
Concen: 40.234 ng
RT: 8.281 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:127 Resp: 384473

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	32.9	26.2	39.2
92	20.7	16.6	25.0

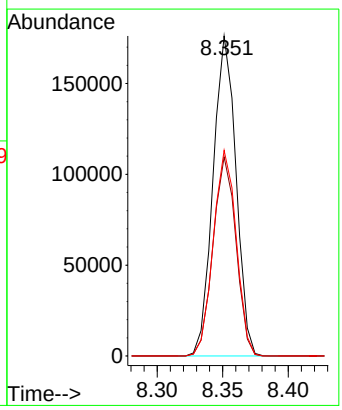


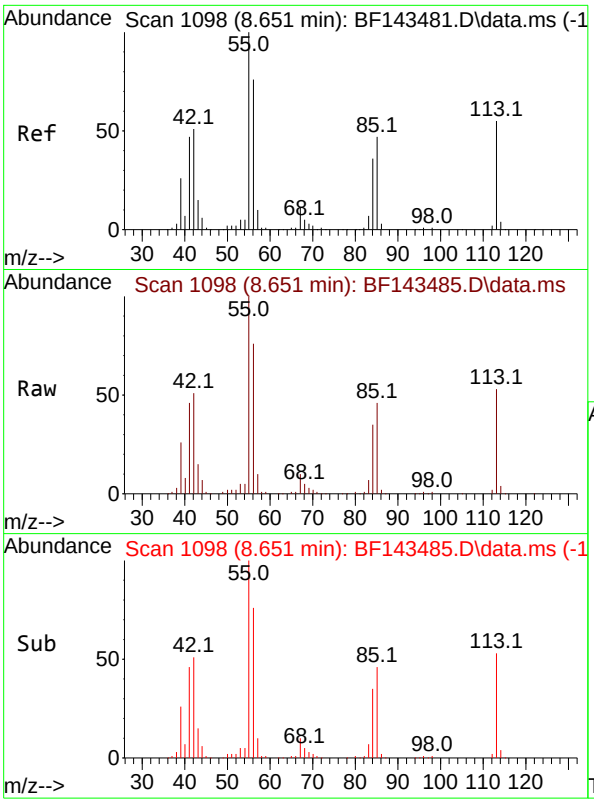


#34
Hexachlorobutadiene
Concen: 39.523 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:225 Resp: 213848

Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.9	74.9
227	64.2	50.9	76.3



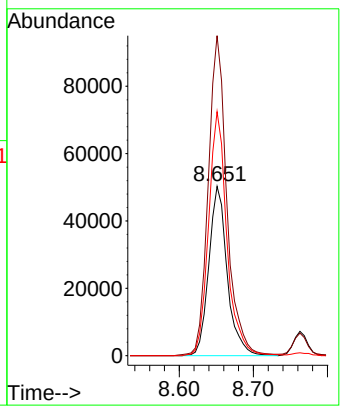


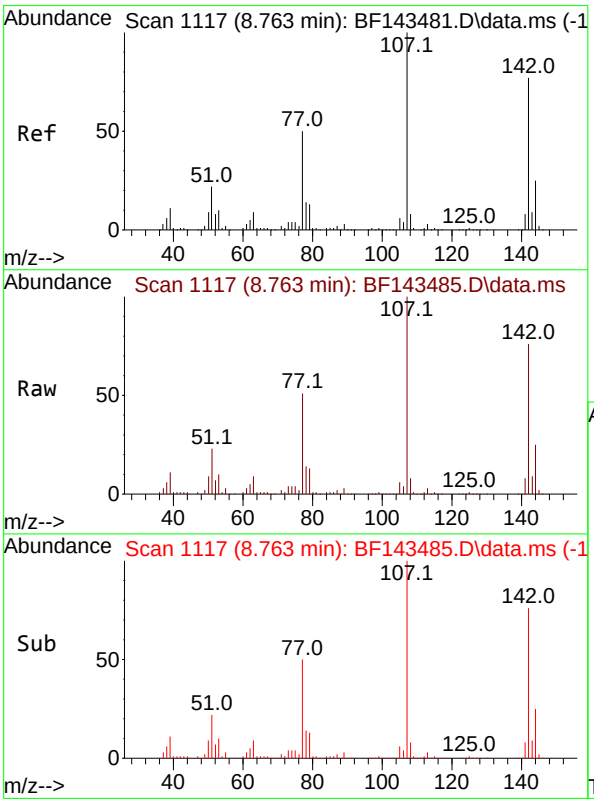
#35
Caprolactam
Concen: 44.838 ng
RT: 8.651 min Scan# 1
Delta R.T. -0.024 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:113 Resp: 86788

Ion	Ratio	Lower	Upper
113	100		
55	188.9	162.8	202.8
56	144.0	118.1	158.1

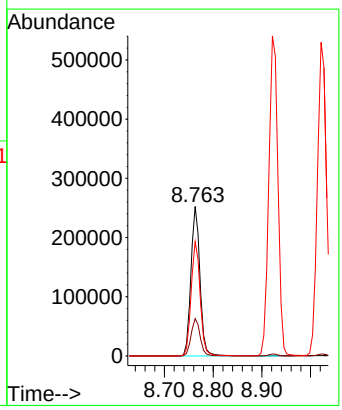


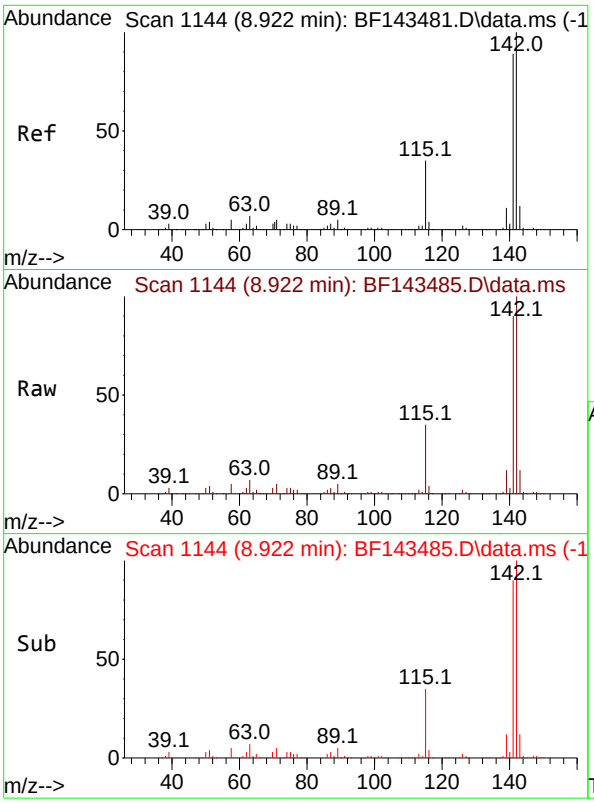


#36
4-Chloro-3-methylphenol
Concen: 40.569 ng
RT: 8.763 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:107 Resp: 327951

Ion	Ratio	Lower	Upper
107	100		
144	24.9	19.9	29.9
142	76.5	61.8	92.8



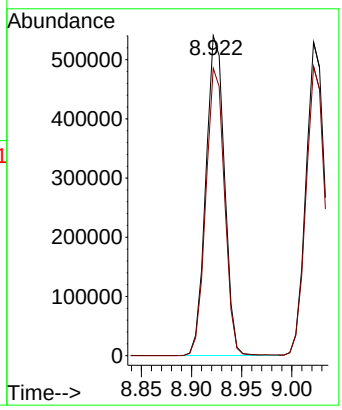


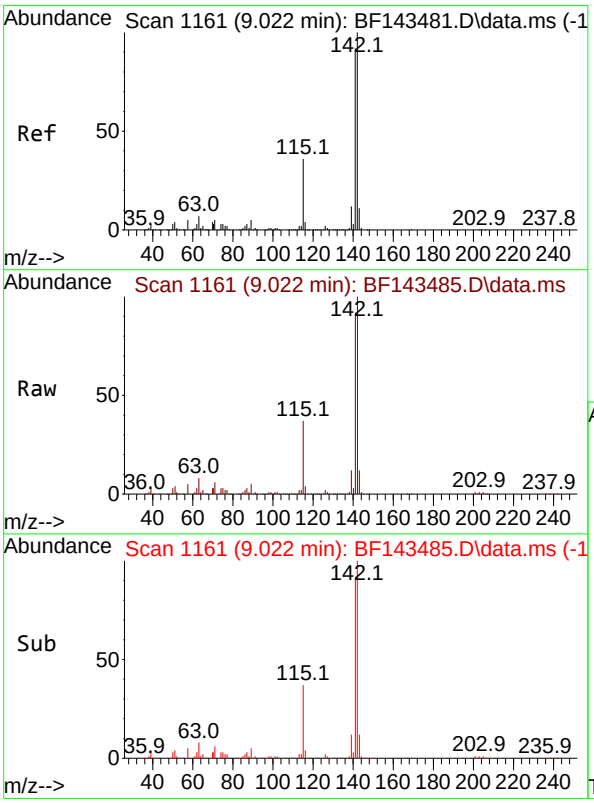
#37
2-Methylnaphthalene
Concen: 38.877 ng
RT: 8.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:142 Resp: 699087

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.0	106.4

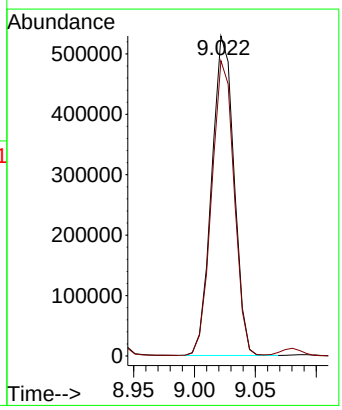


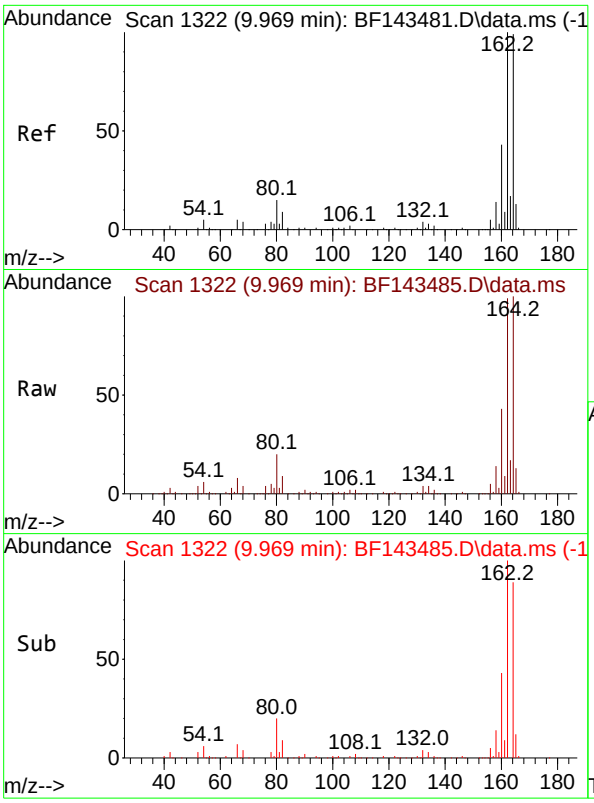


#38
1-Methylnaphthalene
Concen: 39.260 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:142 Resp: 675310

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.3	109.9



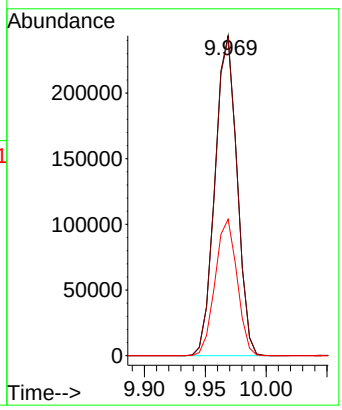


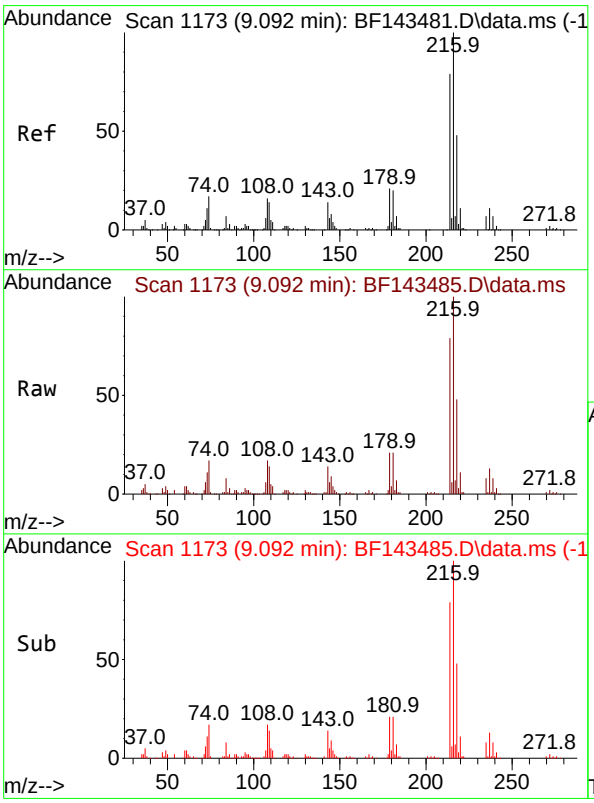
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:164 Resp: 307376

Ion	Ratio	Lower	Upper
164	100		
162	99.2	80.5	120.7
160	42.7	34.3	51.5

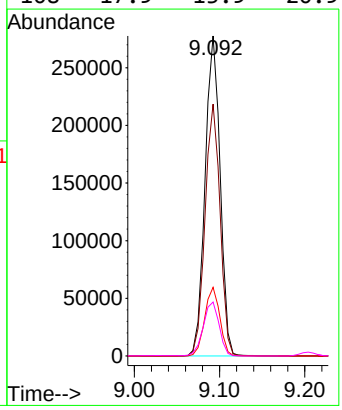


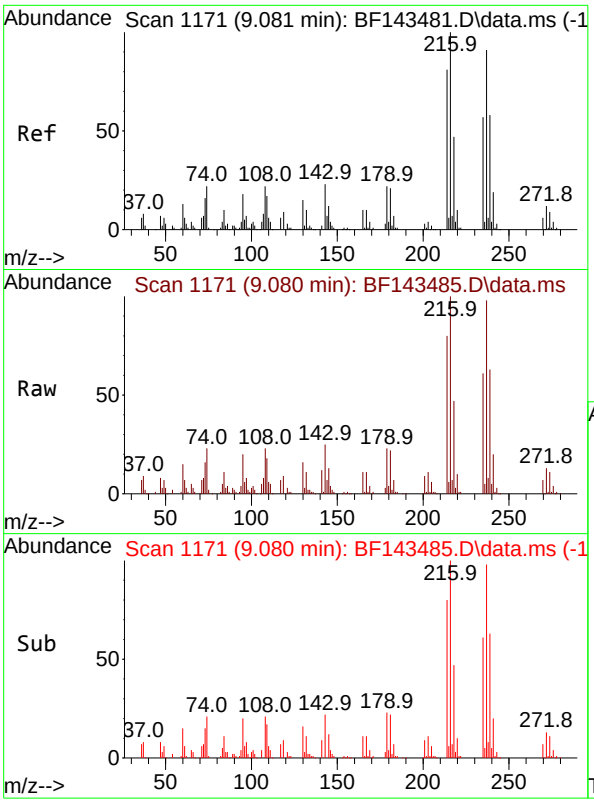


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.786 ng
RT: 9.092 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:216 Resp: 341006

Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.4	95.0
179	21.5	16.5	24.7
108	17.9	13.9	20.9



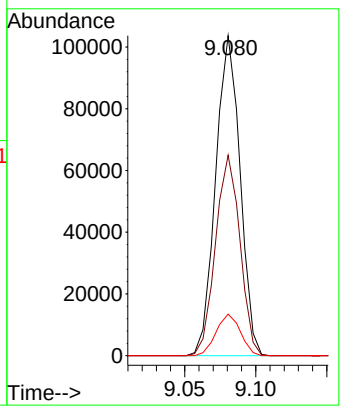


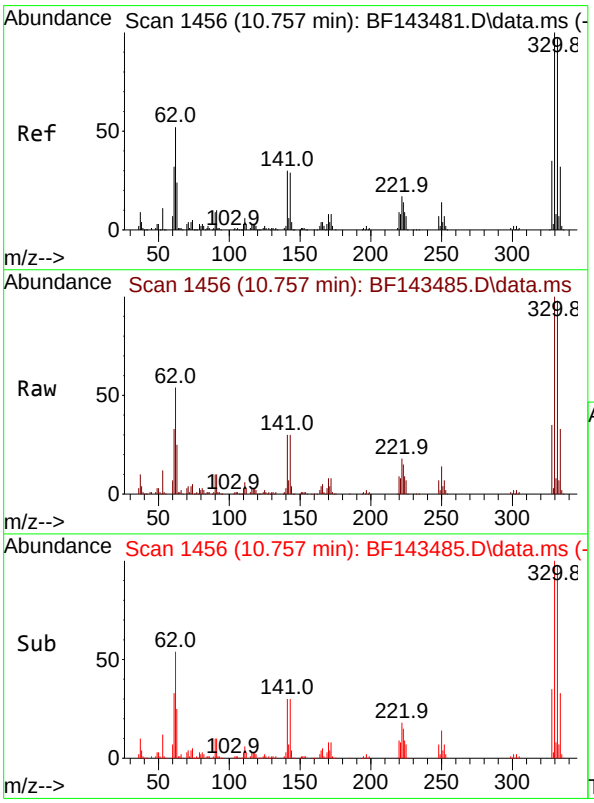
#41
Hexachlorocyclopentadiene
Concen: 39.756 ng
RT: 9.080 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:237 Resp: 123767

Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.6	82.6
272	13.0	0.0	33.4

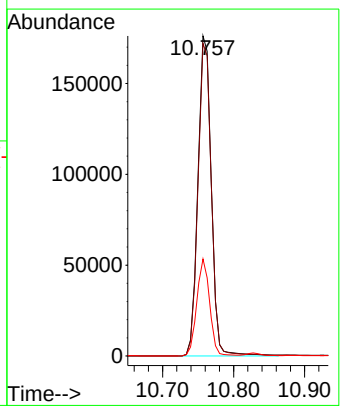


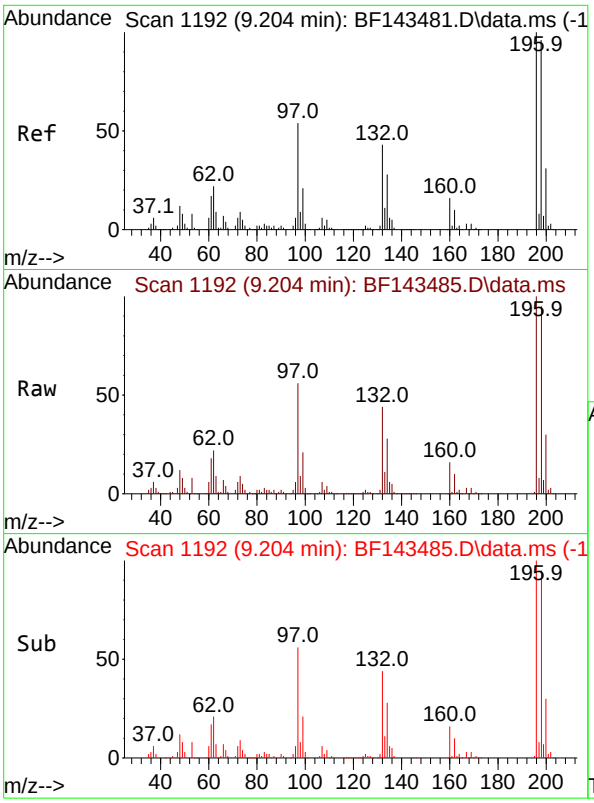


#42
2,4,6-Tribromophenol
Concen: 80.753 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:330 Resp: 231053

Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.0	117.0
141	29.3	23.7	35.5



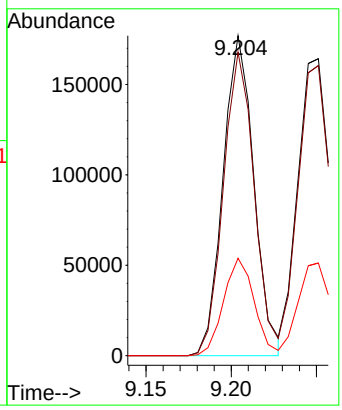


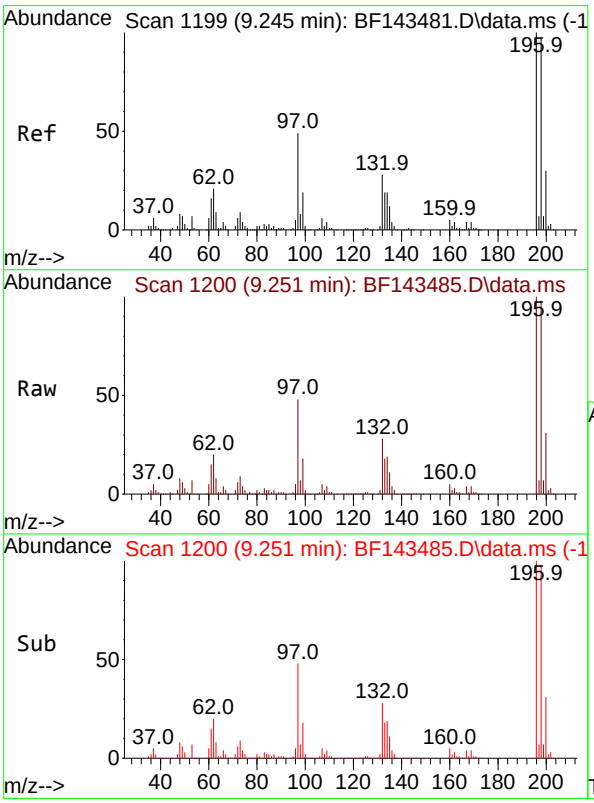
#43
2,4,6-Trichlorophenol
Concen: 41.105 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:196 Resp: 222378

Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.0	115.4
200	30.4	24.6	37.0

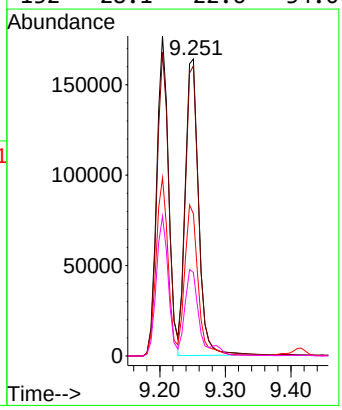


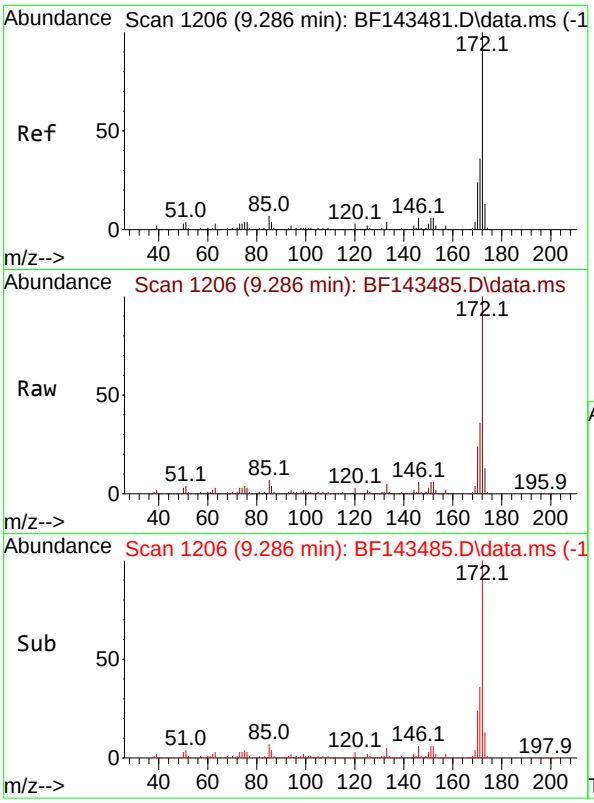


#44
2,4,5-Trichlorophenol
Concen: 39.178 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:196 Resp: 231521

Ion	Ratio	Lower	Upper
196	100		
198	97.7	77.3	115.9
97	47.9	40.0	60.0
132	28.1	22.6	34.0



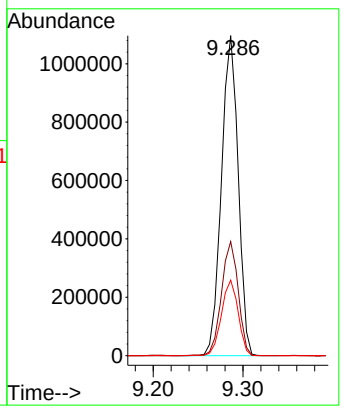


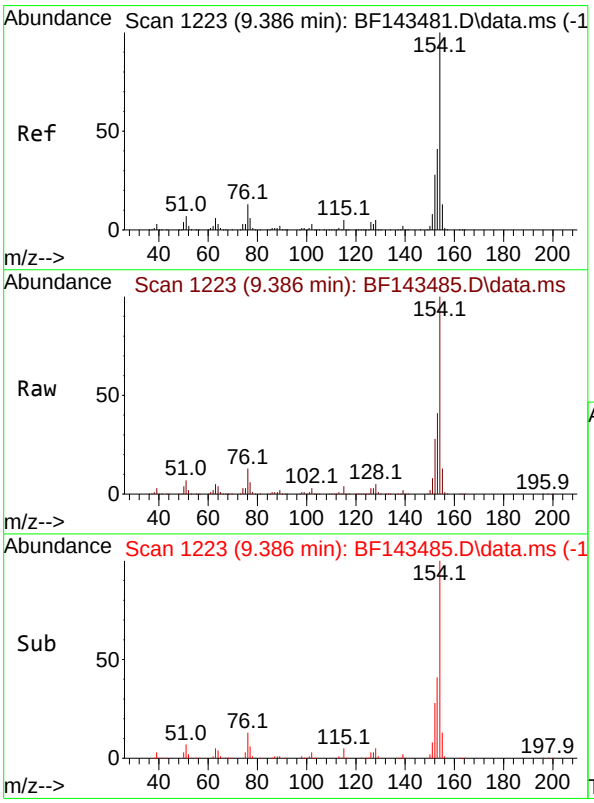
#45
2-Fluorobiphenyl
Concen: 76.290 ng
RT: 9.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:172 Resp: 1418903

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.8	43.2
170	23.6	18.8	28.2

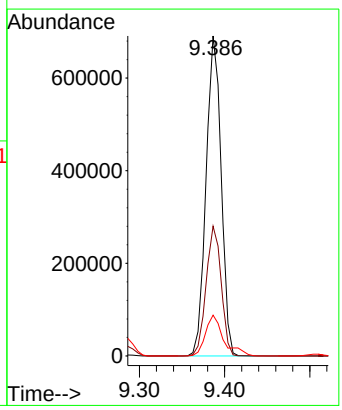


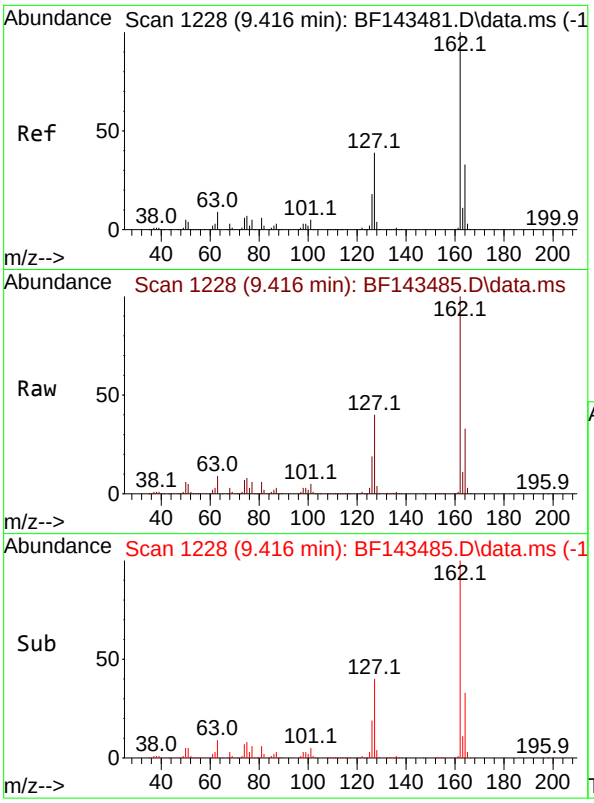


#46
1,1'-Biphenyl
Concen: 38.997 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:154 Resp: 850787

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.6	60.6
76	12.8	0.0	33.0



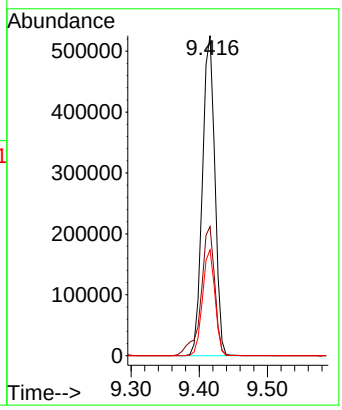


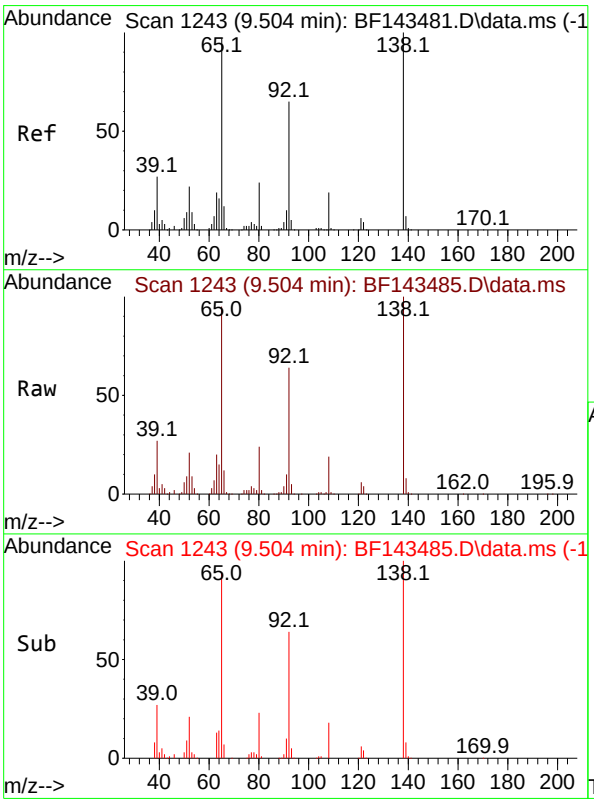
#47
2-Chloronaphthalene
Concen: 39.068 ng
RT: 9.416 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:162 Resp: 668760

Ion	Ratio	Lower	Upper
162	100		
127	40.4	31.8	47.6
164	33.0	26.4	39.6

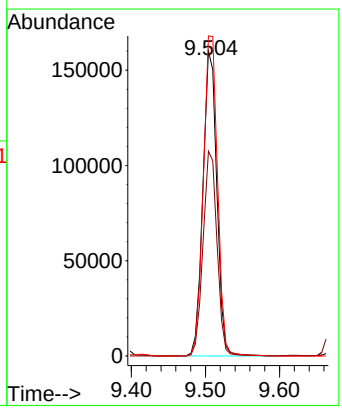


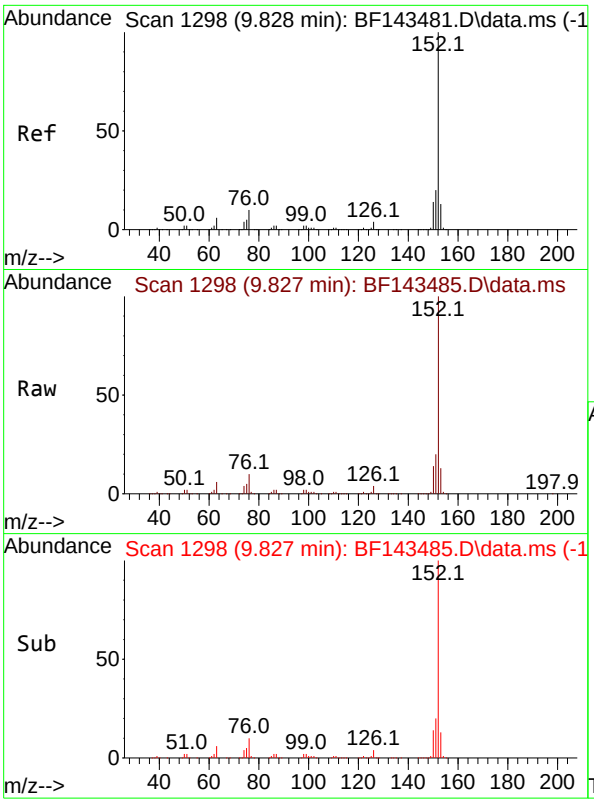


#48
2-Nitroaniline
Concen: 41.861 ng
RT: 9.504 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion: 65 Resp: 209716

Ion	Ratio	Lower	Upper
65	100		
92	67.1	53.8	80.6
138	104.9	82.4	123.6



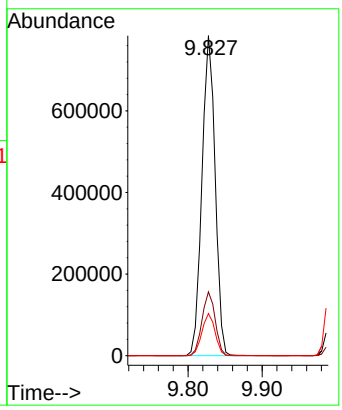


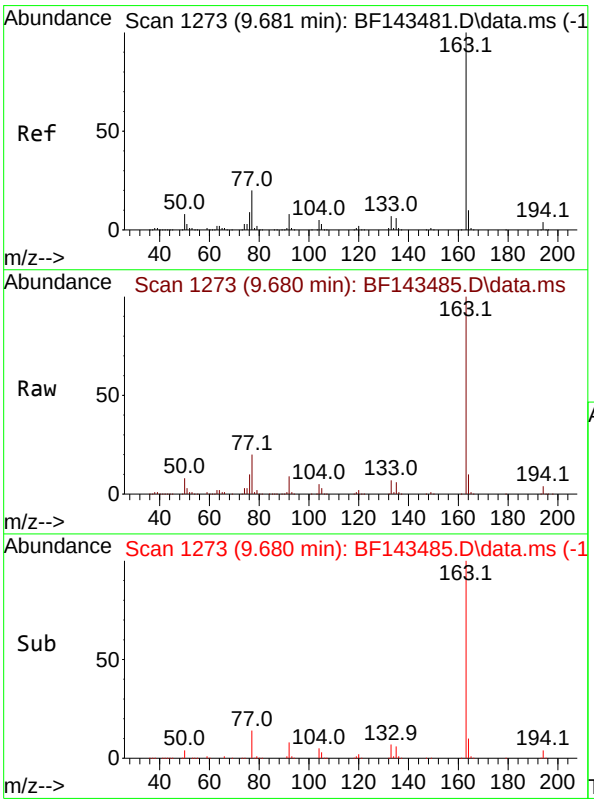
#49
Acenaphthylene
Concen: 39.557 ng
RT: 9.827 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:152 Resp: 969574

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.4
153	13.1	10.6	15.8

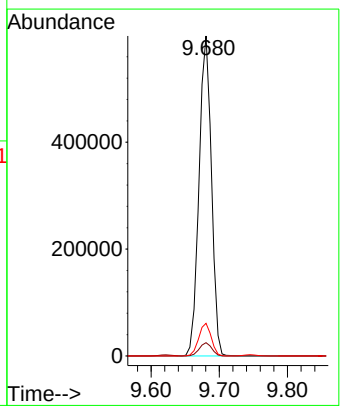


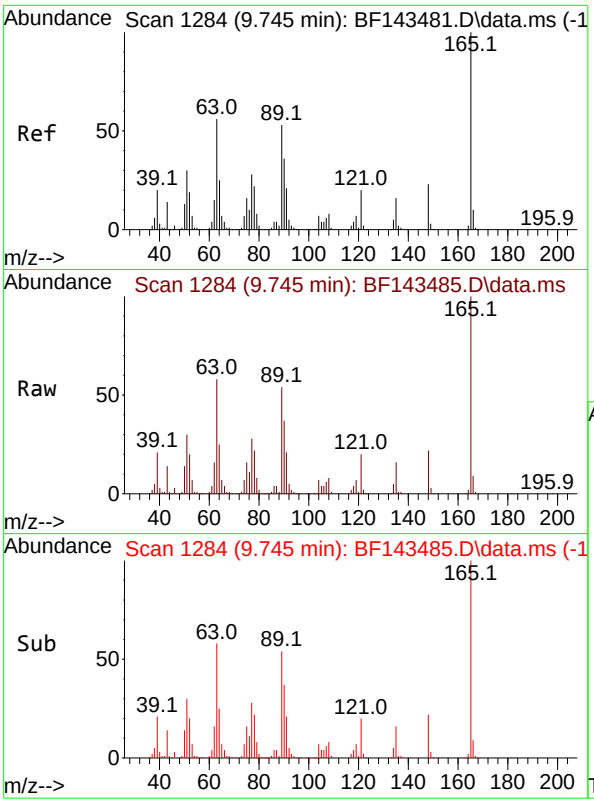


#50
Dimethylphthalate
Concen: 40.935 ng
RT: 9.680 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:163 Resp: 757804

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.2	8.2	12.2



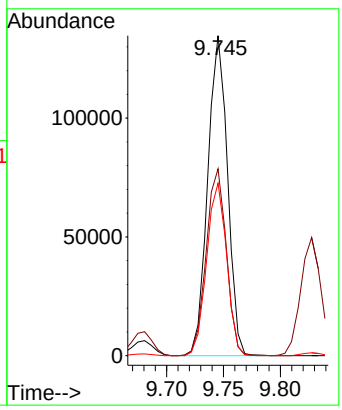


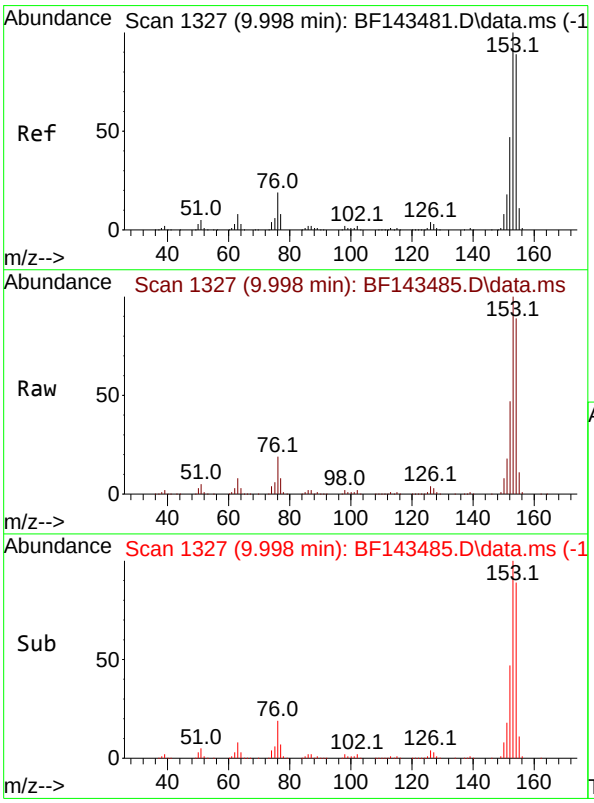
#51
2,6-Dinitrotoluene
Concen: 42.459 ng
RT: 9.745 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:165 Resp: 162905

Ion	Ratio	Lower	Upper
165	100		
63	58.4	45.0	67.6
89	53.9	42.5	63.7

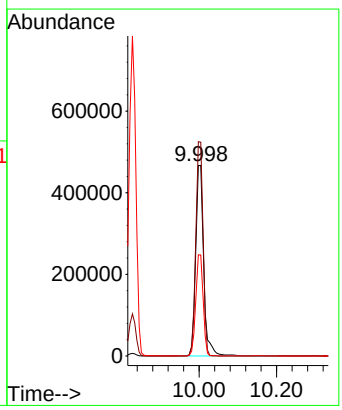


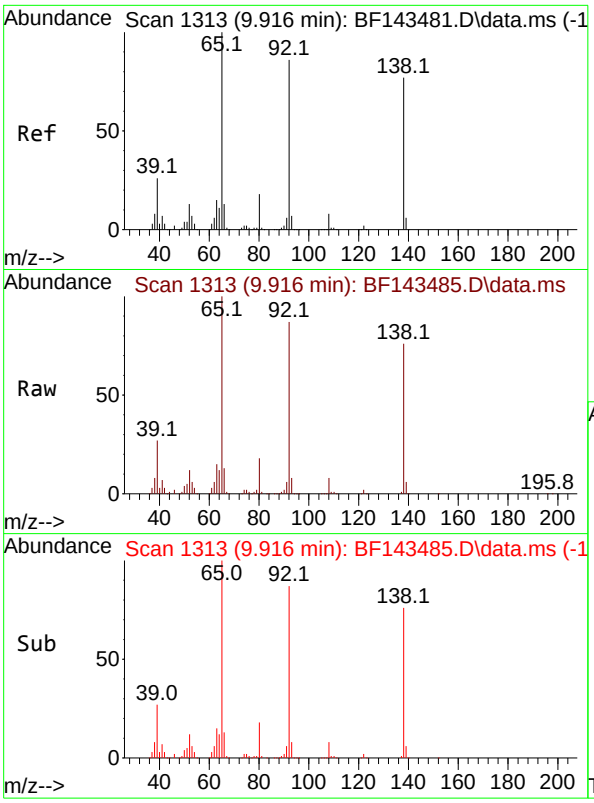


#52
Acenaphthene
Concen: 39.941 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:154 Resp: 664685

Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.5	134.3
152	53.1	42.5	63.7



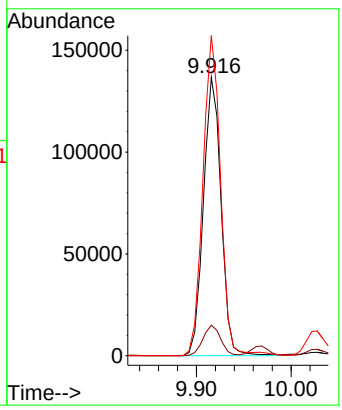


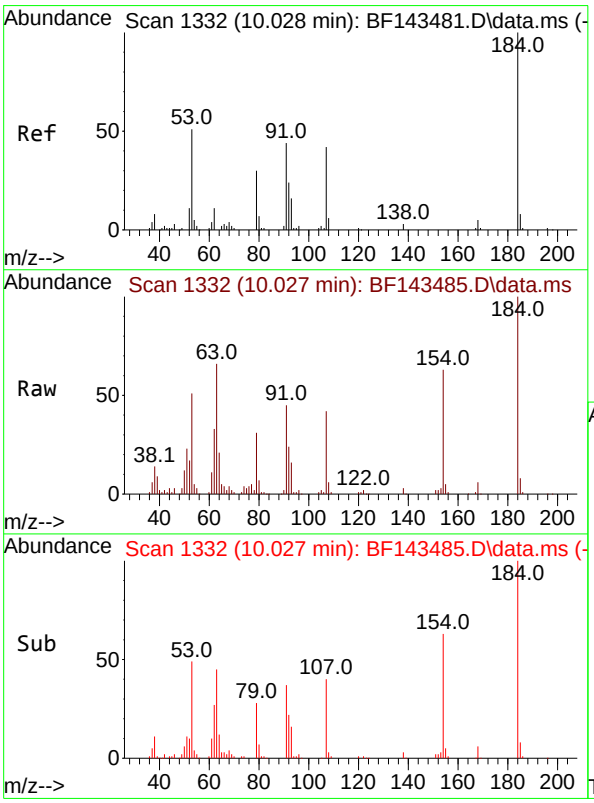
#53
3-Nitroaniline
Concen: 42.506 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:138 Resp: 176223

Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.6	13.0
92	115.0	89.8	134.8

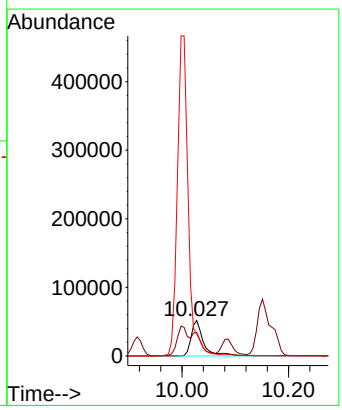


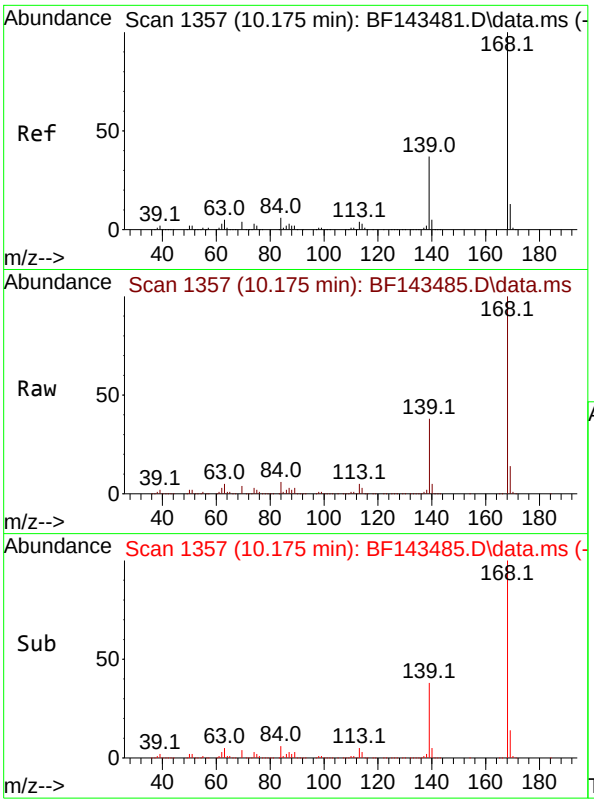


#54
2,4-Dinitrophenol
Concen: 43.761 ng
RT: 10.027 min Scan# 1332
Delta R.T. -0.001 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:184 Resp: 84522

Ion	Ratio	Lower	Upper
184	100		
63	66.1	52.6	78.8
154	62.6	51.0	76.4



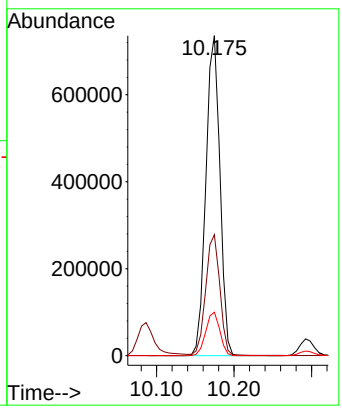


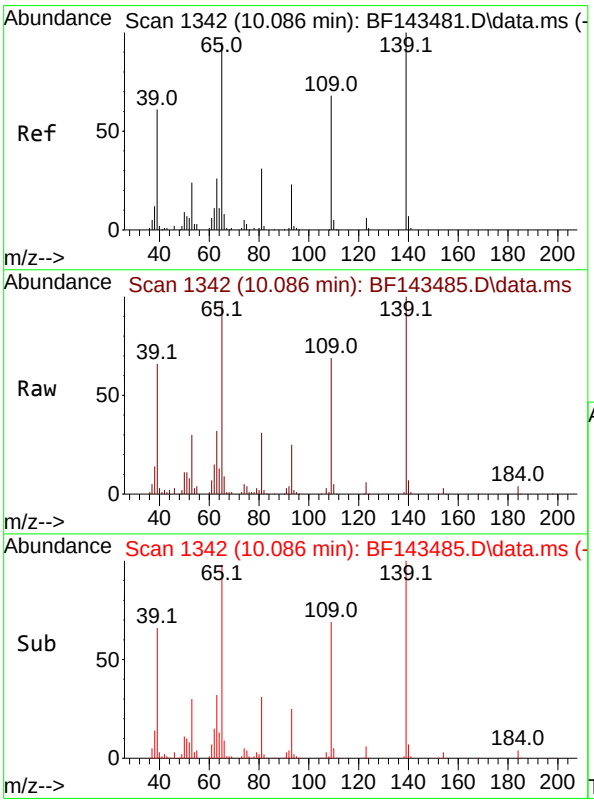
#55
Dibenzofuran
Concen: 39.023 ng
RT: 10.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:168 Resp: 925864

Ion	Ratio	Lower	Upper
168	100		
139	37.8	29.8	44.6
169	13.6	10.8	16.2

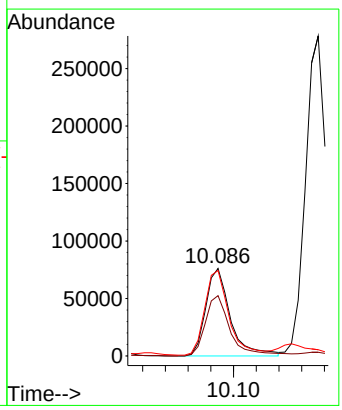


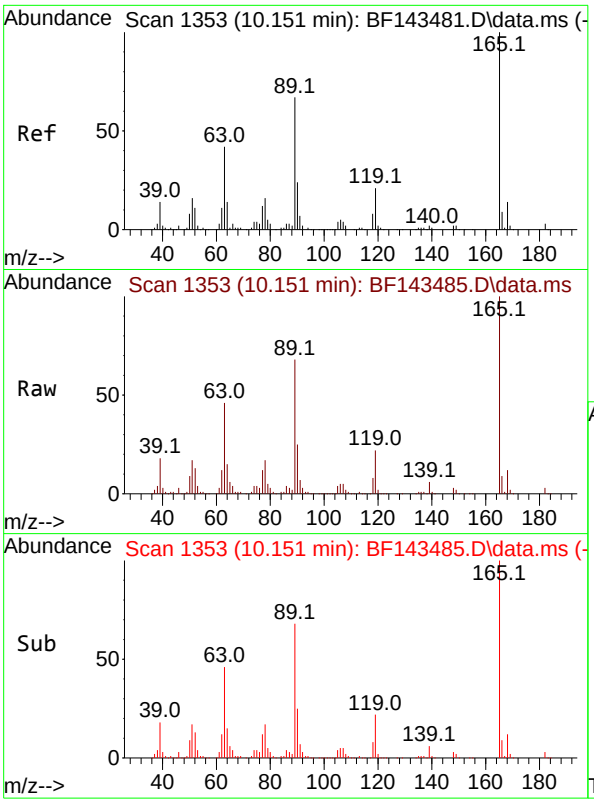


#56
4-Nitrophenol
Concen: 46.387 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:139 Resp: 114429

Ion	Ratio	Lower	Upper
139	100		
109	68.9	48.2	88.2
65	97.6	75.8	115.8



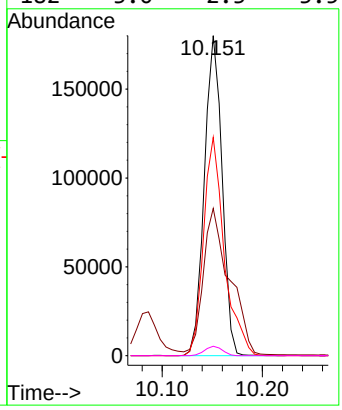


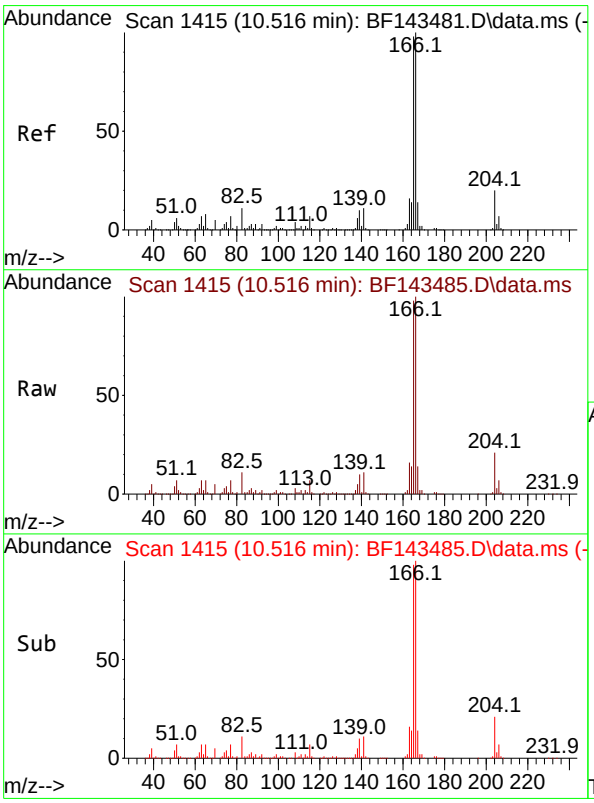
#57
2,4-Dinitrotoluene
Concen: 43.183 ng
RT: 10.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:165 Resp: 221231

Ion	Ratio	Lower	Upper
165	100		
63	46.0	34.9	52.3
89	68.2	53.3	79.9
182	3.0	2.3	3.5

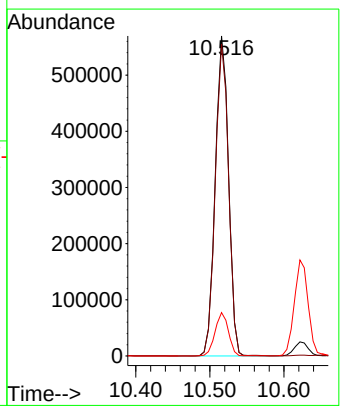


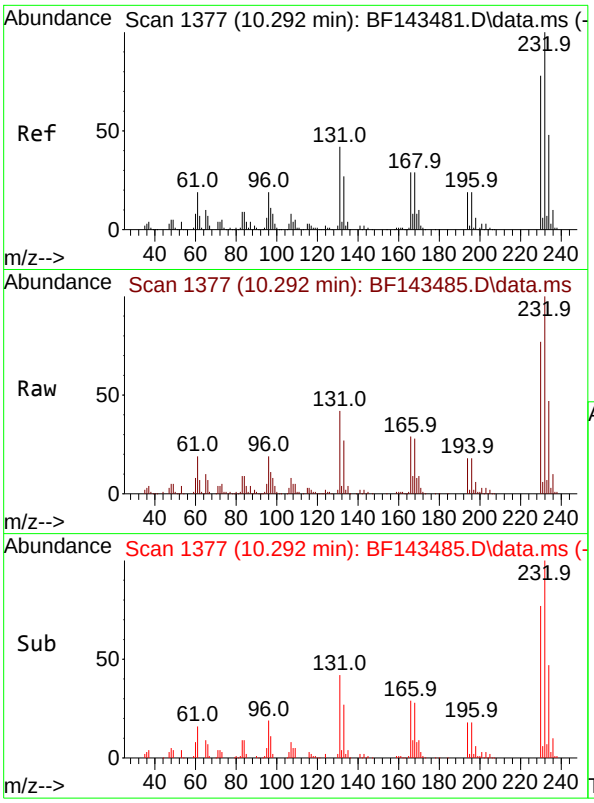


#58
Fluorene
Concen: 38.901 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:166 Resp: 710368

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.3	117.5
167	13.5	11.0	16.4



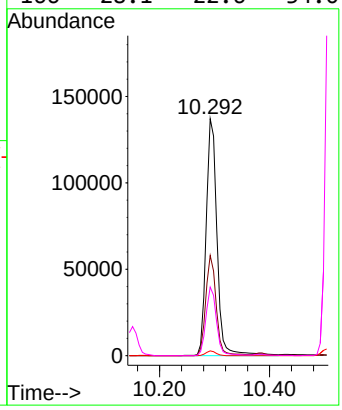


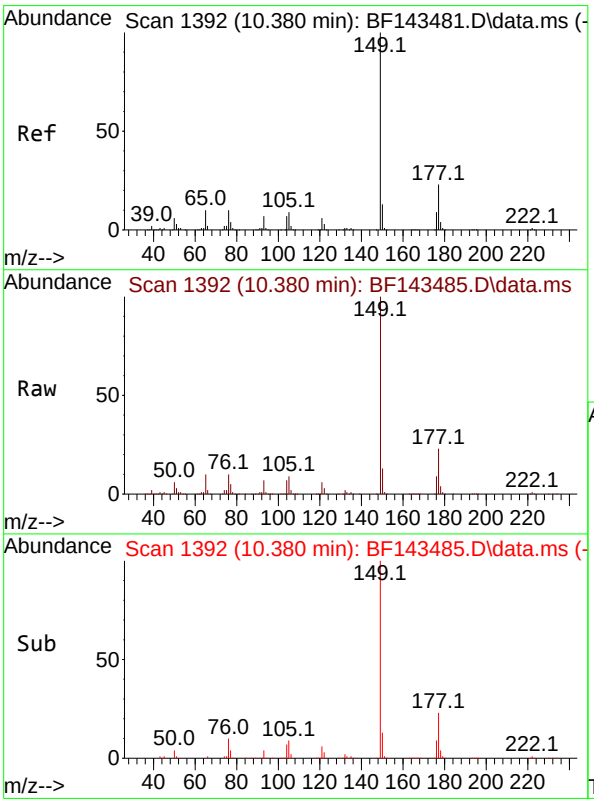
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.767 ng
RT: 10.292 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:232 Resp: 187764

Ion	Ratio	Lower	Upper
232	100		
131	40.8	32.7	49.1
130	1.9	1.6	2.4
166	28.1	22.6	34.0

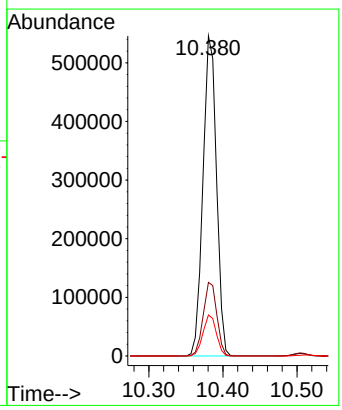


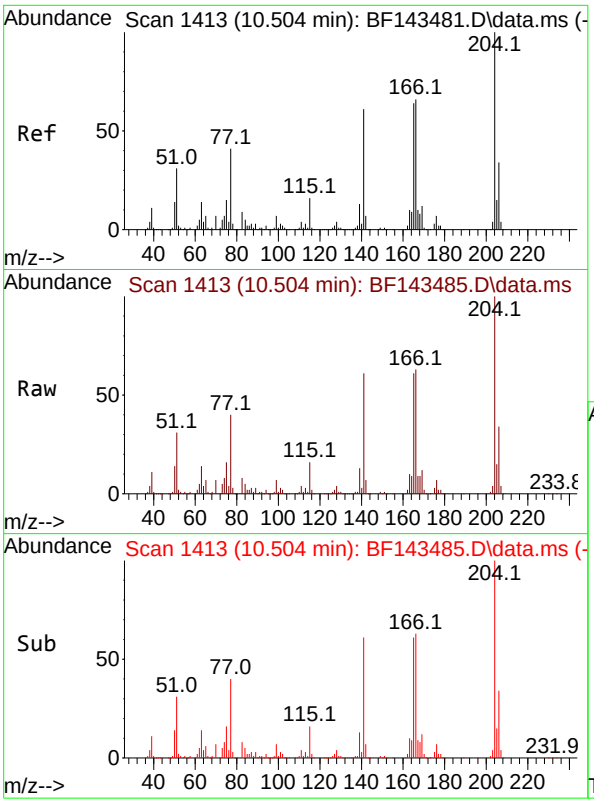


#60
Diethylphthalate
Concen: 41.708 ng
RT: 10.380 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:149 Resp: 692256

Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.3	27.5
150	12.8	10.3	15.5



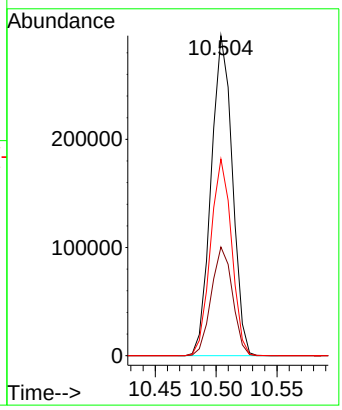


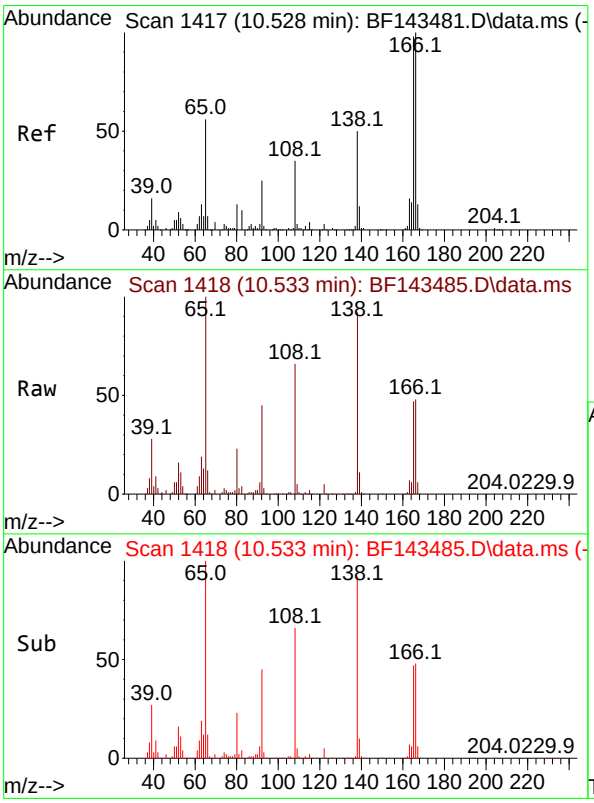
#61
4-Chlorophenyl-phenylether
Concen: 39.269 ng
RT: 10.504 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:204 Resp: 358628

Ion	Ratio	Lower	Upper
204	100		
206	33.9	27.0	40.4
141	61.4	48.7	73.1

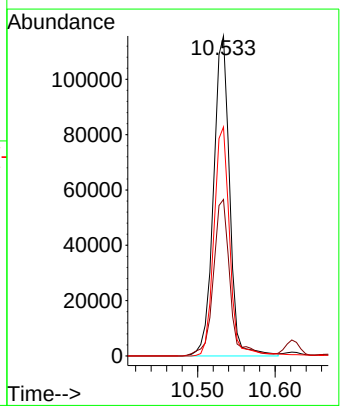


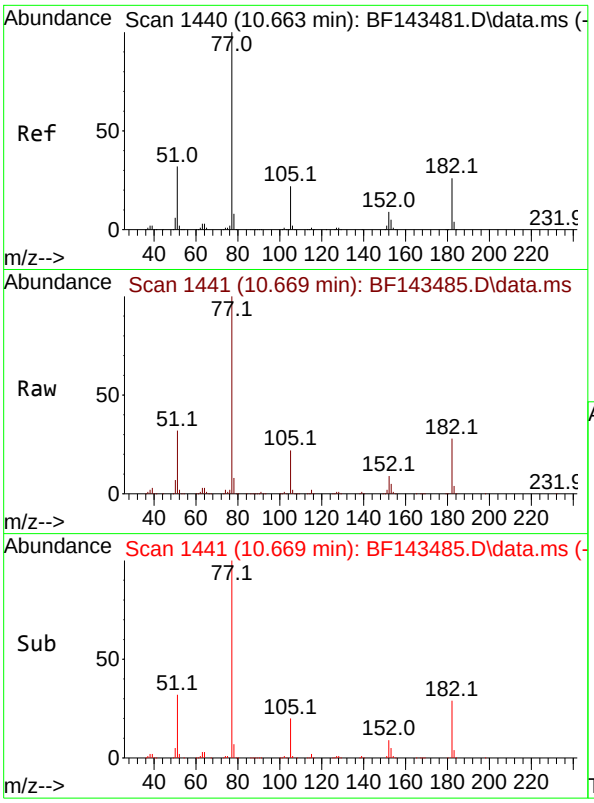


#62
4-Nitroaniline
Concen: 43.927 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:138 Resp: 167278

Ion	Ratio	Lower	Upper
138	100		
92	48.9	29.3	69.3
108	71.6	50.7	90.7



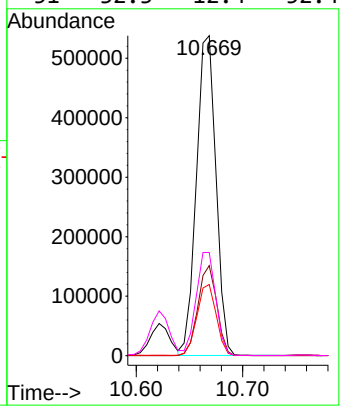


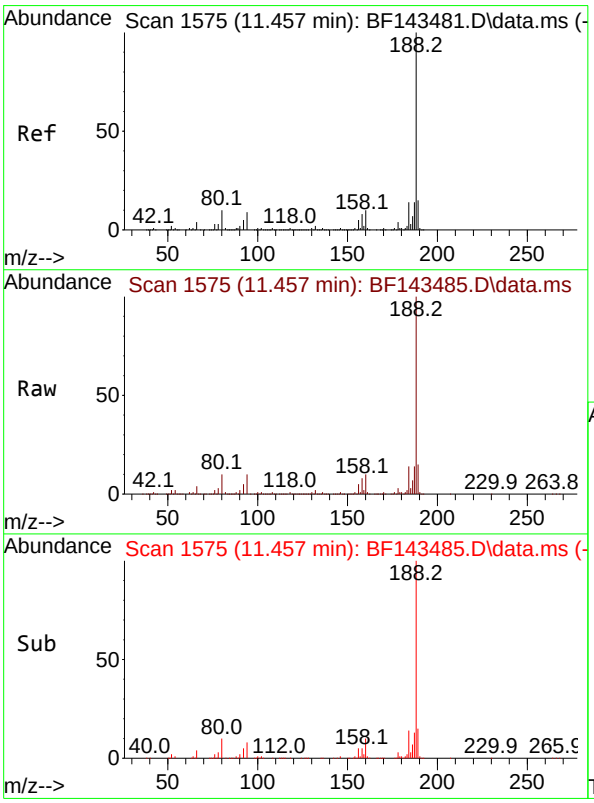
#63
Azobenzene
Concen: 39.982 ng
RT: 10.669 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion: 77 Resp: 688082

Ion	Ratio	Lower	Upper
77	100		
182	28.2	6.2	46.2
105	22.2	2.2	42.2
51	32.3	12.4	52.4

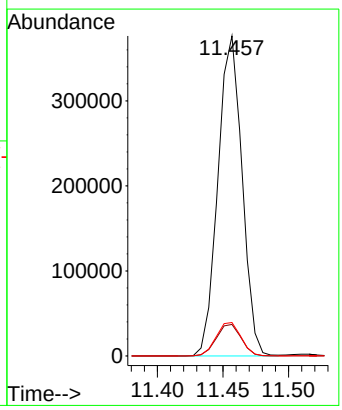


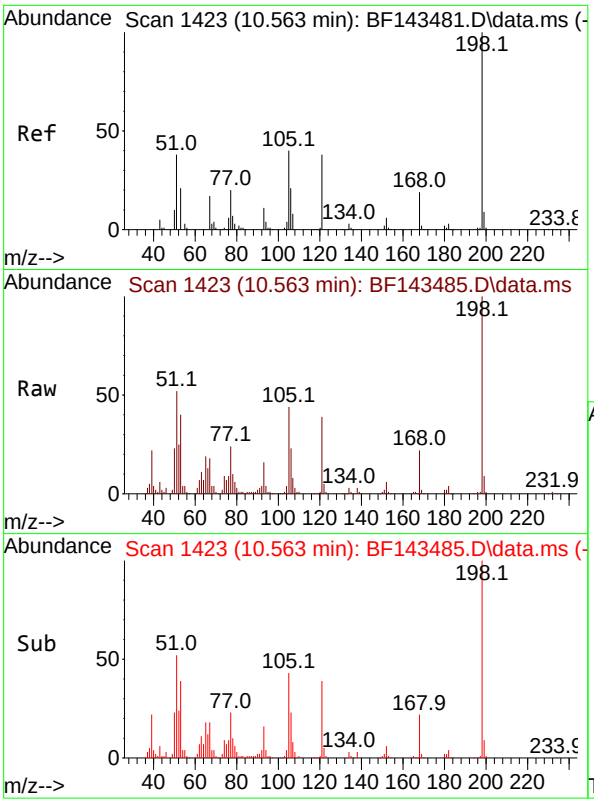


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:188 Resp: 481864

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.4	11.2
80	10.5	8.2	12.4



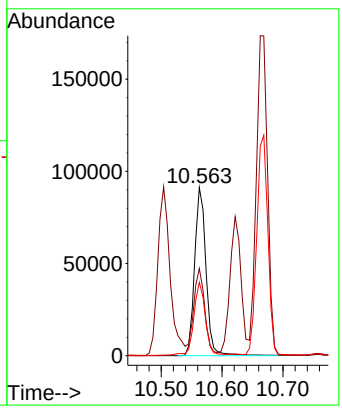


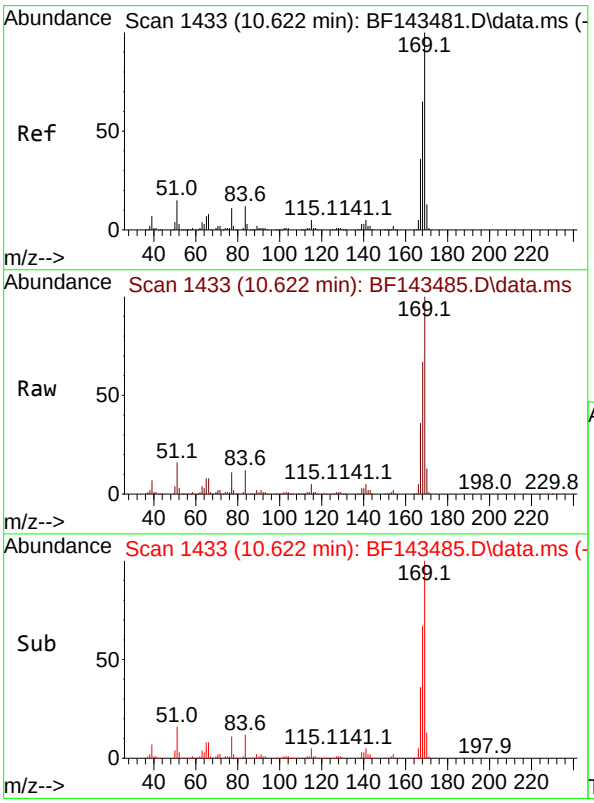
#65
4,6-Dinitro-2-methylphenol
Concen: 43.849 ng
RT: 10.563 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:198 Resp: 119136

Ion	Ratio	Lower	Upper
198	100		
51	51.9	29.6	69.6
105	43.6	21.5	61.5

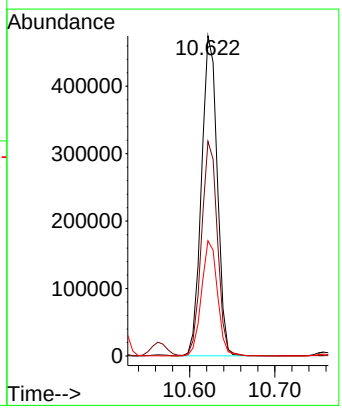


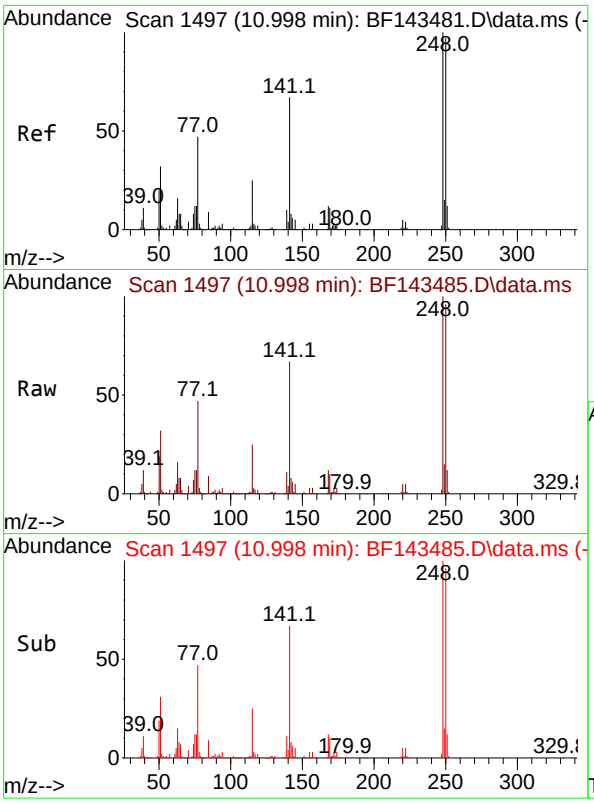


#66
n-Nitrosodiphenylamine
Concen: 39.212 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:169 Resp: 608072

Ion	Ratio	Lower	Upper
169	100		
168	67.0	52.4	78.6
167	36.0	28.9	43.3



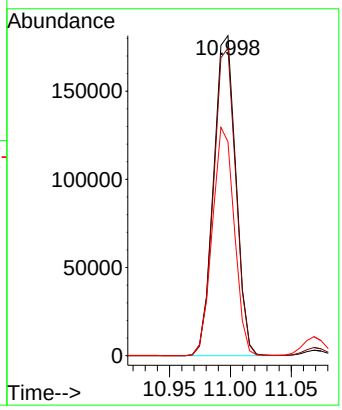


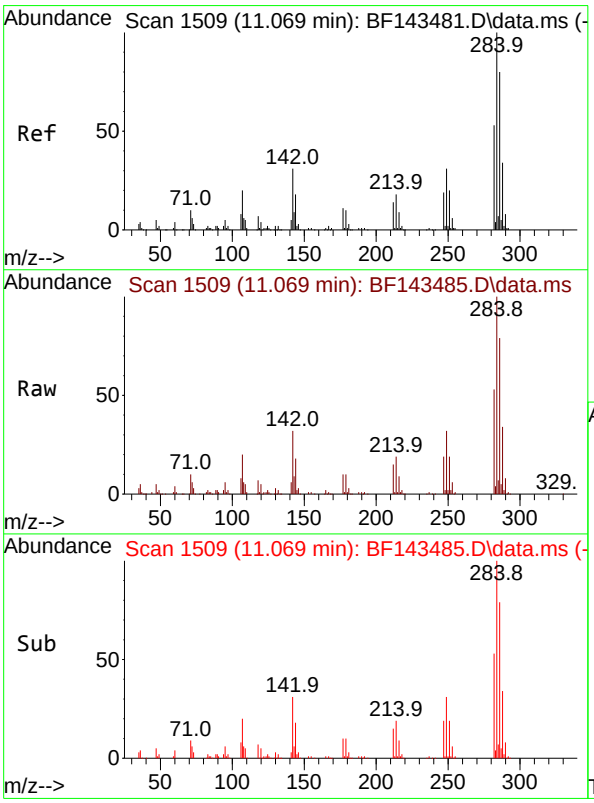
#67
4-Bromophenyl-phenylether
Concen: 40.305 ng
RT: 10.998 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:248 Resp: 231727

Ion	Ratio	Lower	Upper
248	100		
250	96.1	77.8	116.8
141	66.9	54.0	81.0

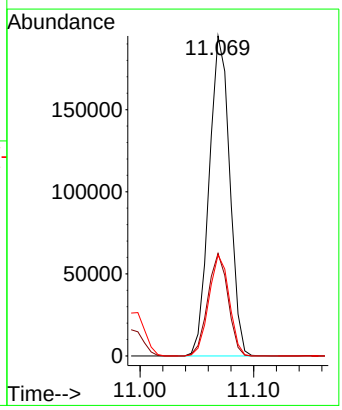


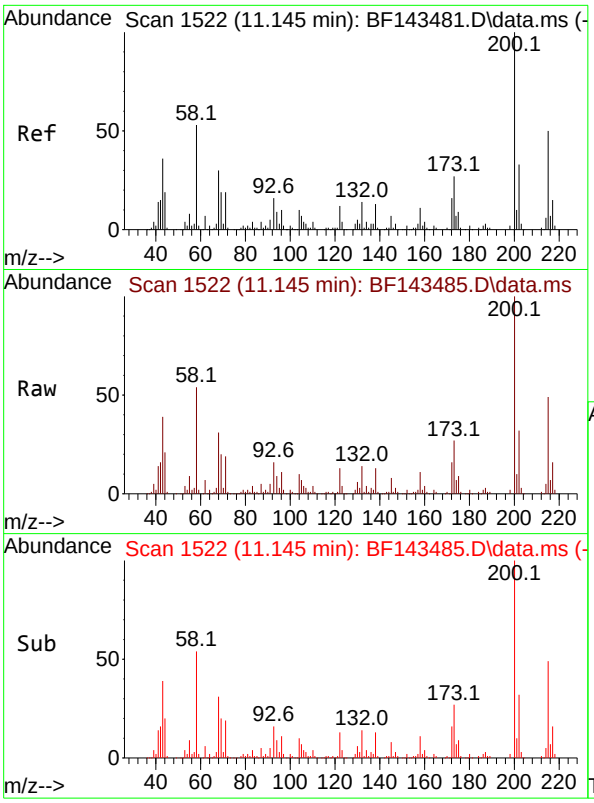


#68
Hexachlorobenzene
Concen: 39.544 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:284 Resp: 245068

Ion	Ratio	Lower	Upper
284	100		
142	32.1	24.4	36.6
249	31.5	25.0	37.6



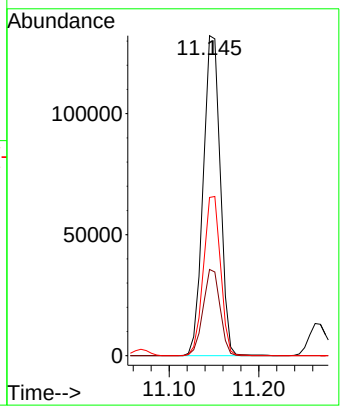


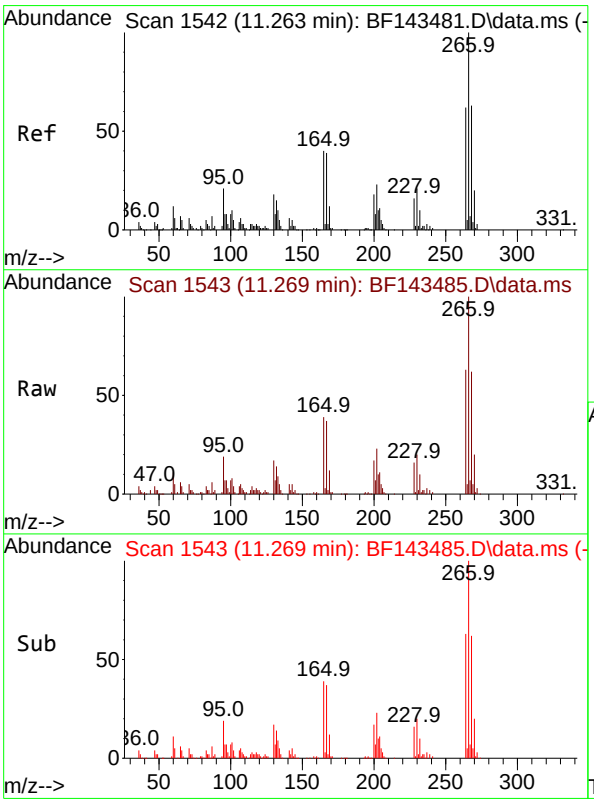
#69
Atrazine
Concen: 43.693 ng
RT: 11.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:200 Resp: 174902

Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.9	46.9
215	49.5	30.0	70.0

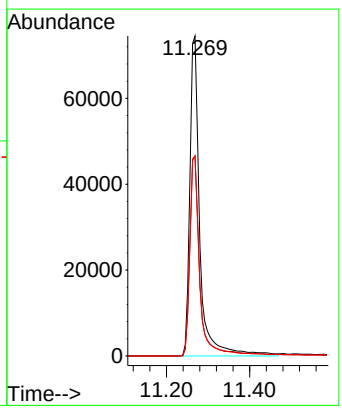


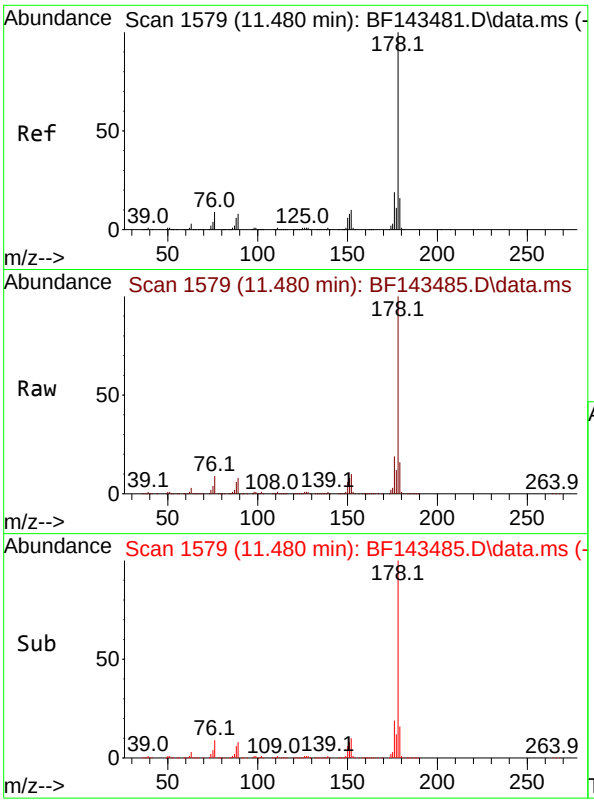


#70
Pentachlorophenol
Concen: 43.916 ng
RT: 11.269 min Scan# 1543
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:266 Resp: 124649

Ion	Ratio	Lower	Upper
266	100		
268	62.5	50.5	75.7
264	62.5	49.8	74.8



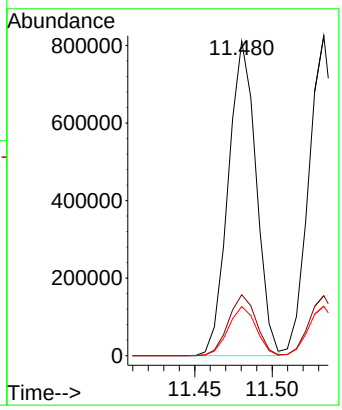


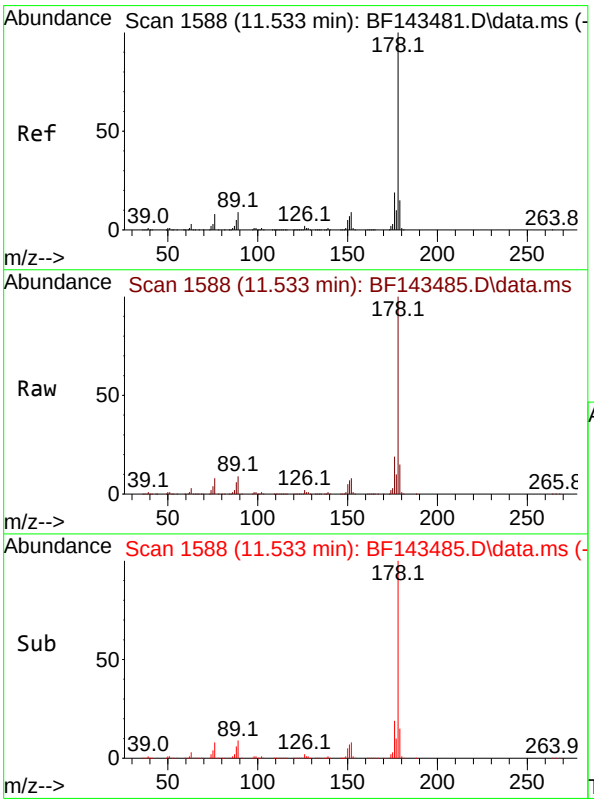
#71
Phenanthrene
Concen: 39.237 ng
RT: 11.480 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:178 Resp: 1012486

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.6	12.5	18.7

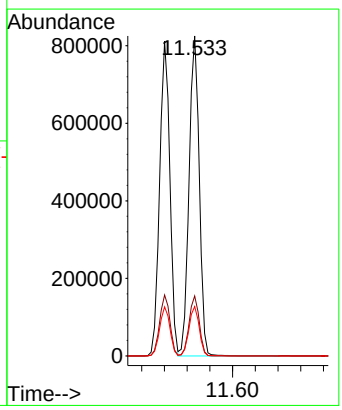


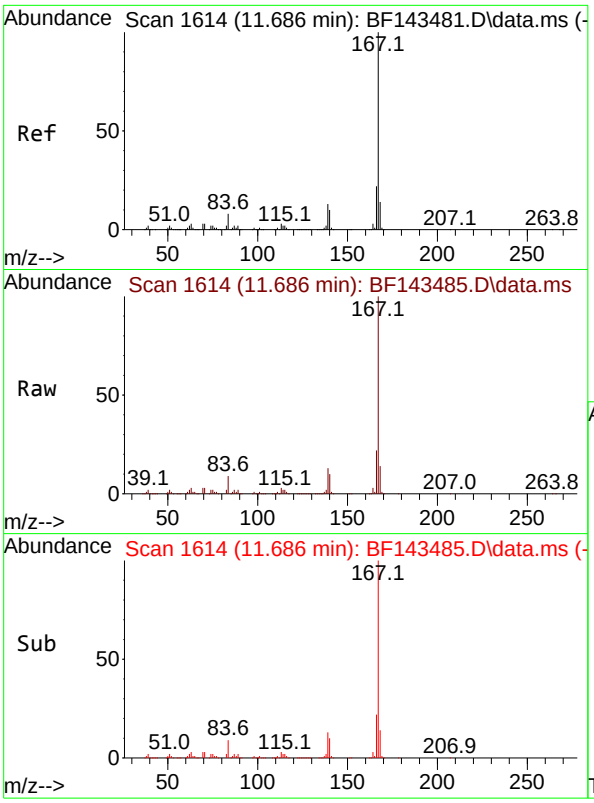


#72
Anthracene
Concen: 39.390 ng
RT: 11.533 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:178 Resp: 1029696

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.5	12.3	18.5



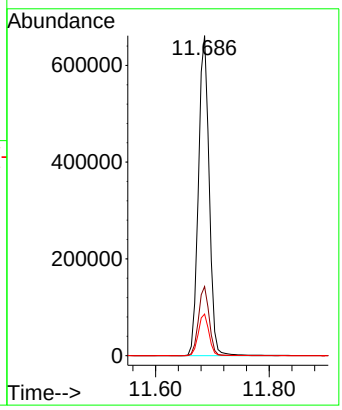


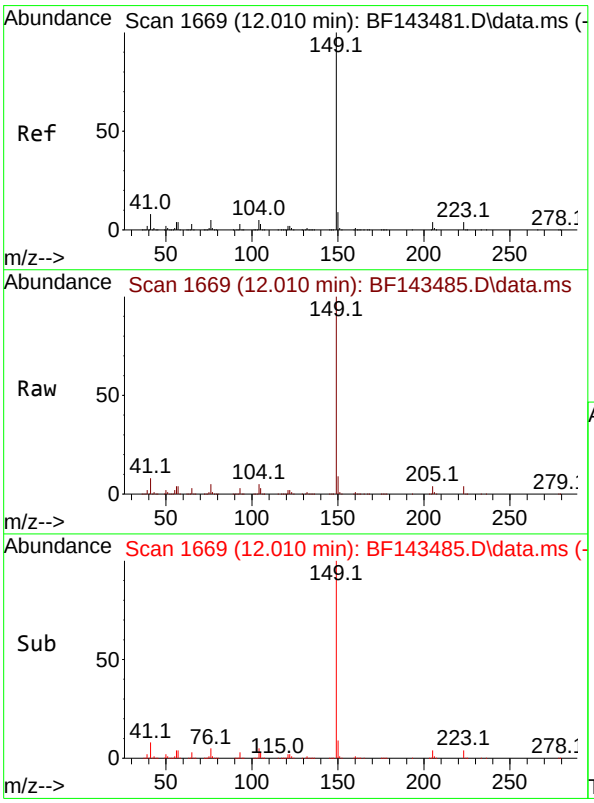
#73
Carbazole
Concen: 40.413 ng
RT: 11.686 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:167 Resp: 865651

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.3	25.9
139	13.0	10.0	15.0

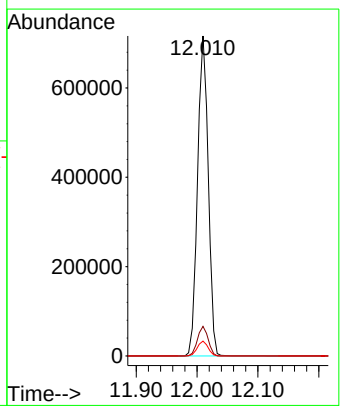


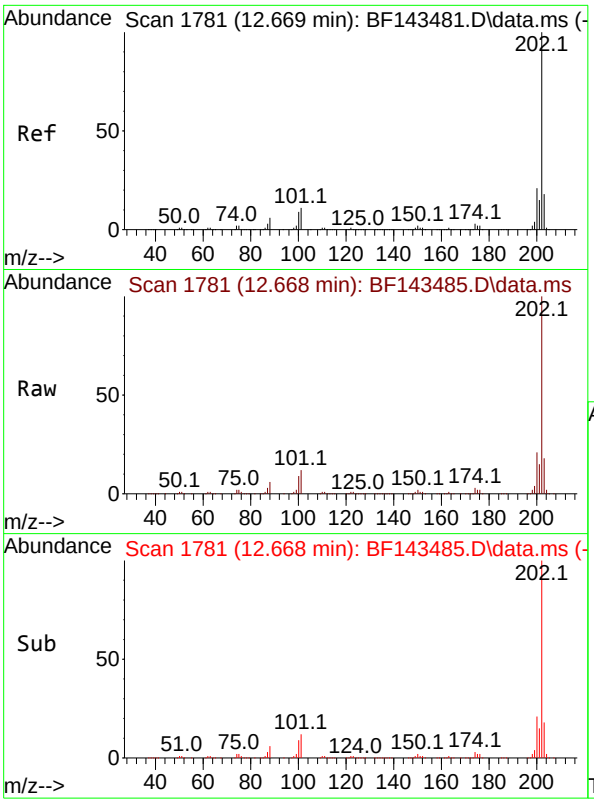


#74
Di-n-butylphthalate
Concen: 43.507 ng
RT: 12.010 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:149 Resp: 869364

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	4.7	3.6	5.4



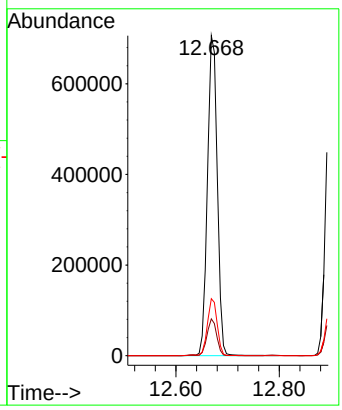


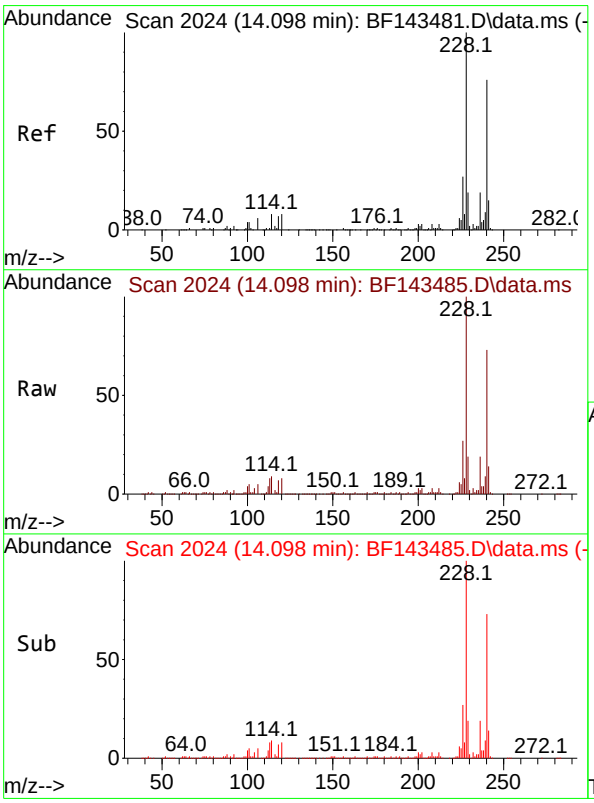
#75
Fluoranthene
Concen: 40.261 ng
RT: 12.668 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:202 Resp: 932217

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.3
203	17.8	0.0	37.9

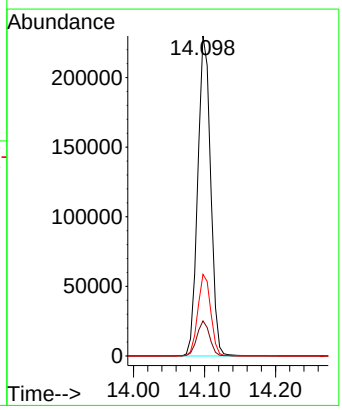


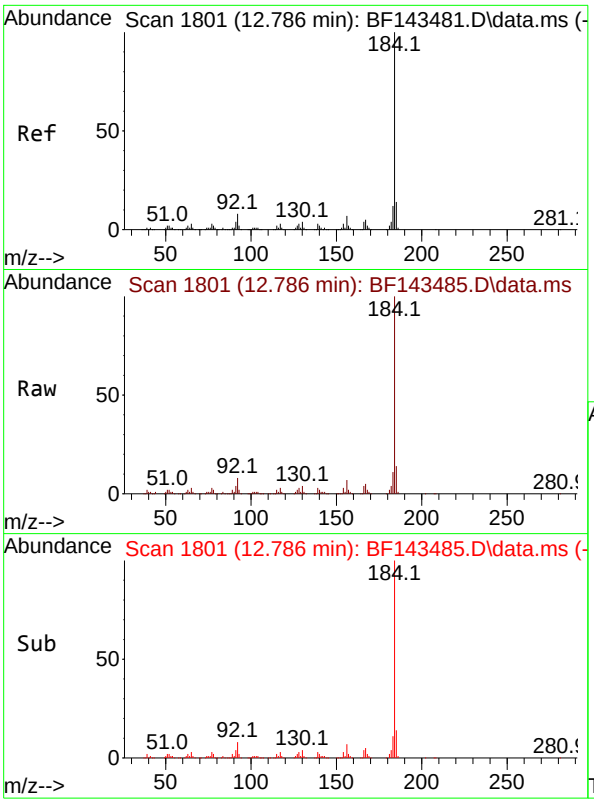


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:240 Resp: 290808

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.6	12.8
236	25.5	20.4	30.6



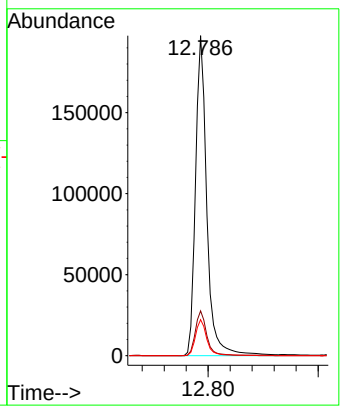


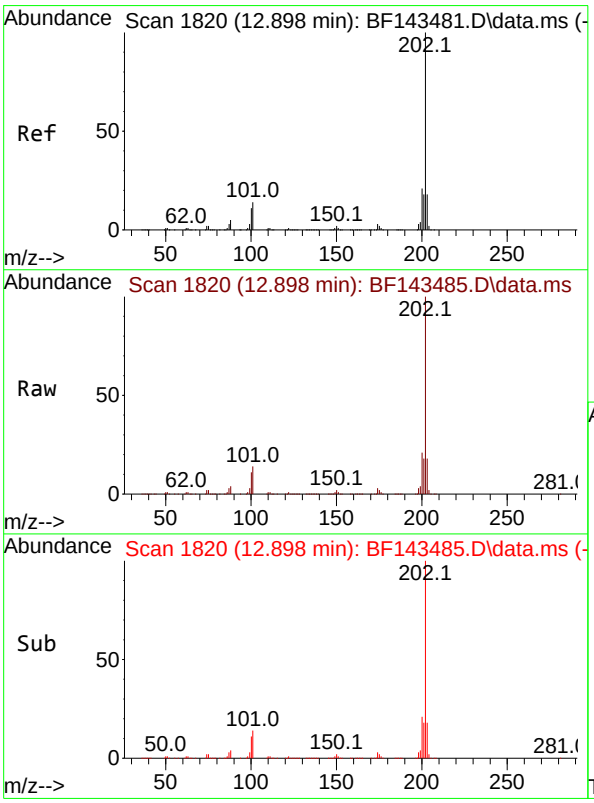
#77
Benzidine
Concen: 39.962 ng
RT: 12.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:184 Resp: 283076

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.3	16.9
183	11.3	9.5	14.3

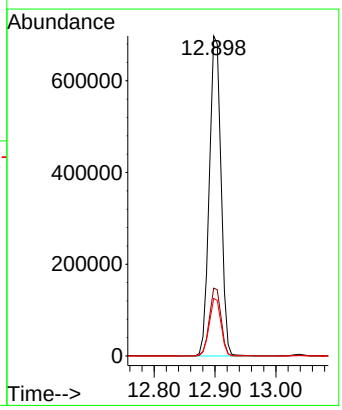


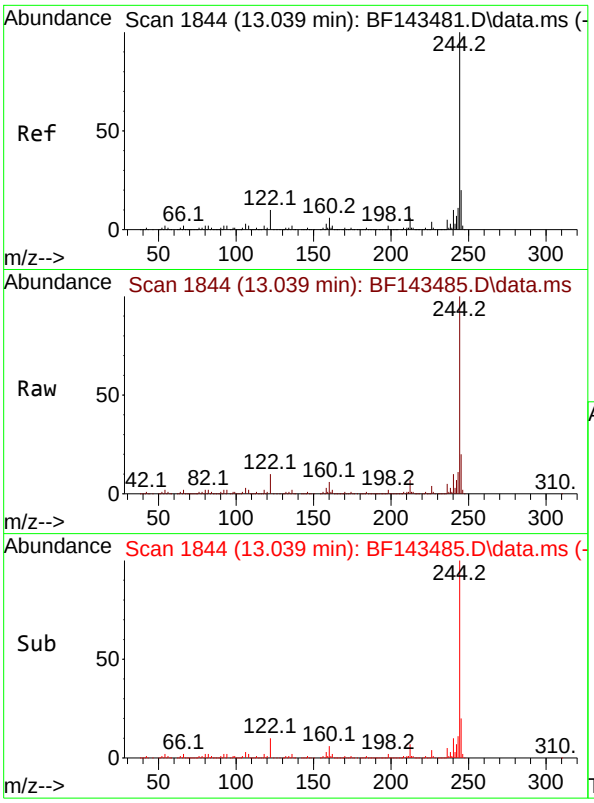


#78
Pyrene
Concen: 38.897 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:202 Resp: 930449

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.9	14.3	21.5



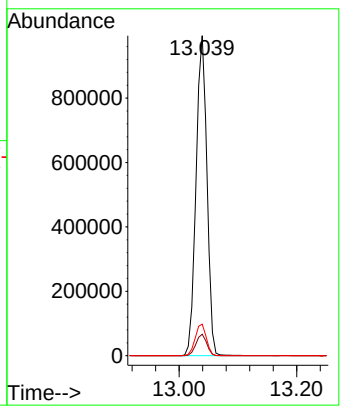


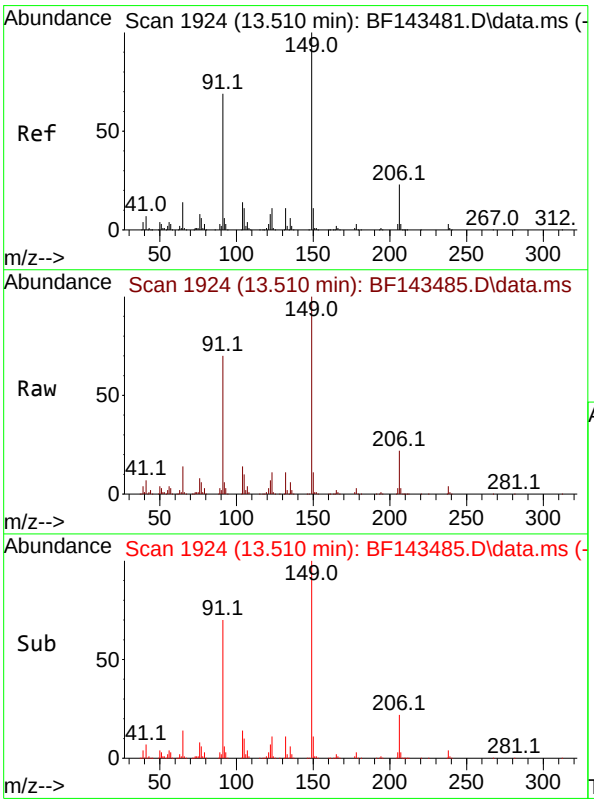
#79
Terphenyl-d14
Concen: 76.705 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:244 Resp: 1278285

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.2	7.8
122	9.8	7.9	11.9

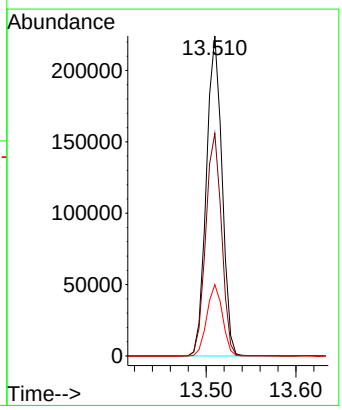


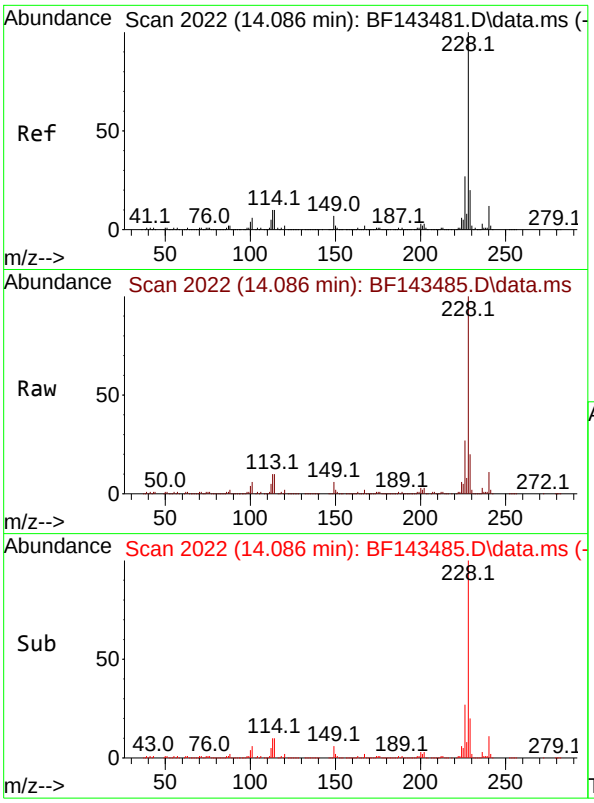


#80
Butylbenzylphthalate
Concen: 41.549 ng
RT: 13.510 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:149 Resp: 271515

Ion	Ratio	Lower	Upper
149	100		
91	69.5	55.3	82.9
206	22.3	18.2	27.4



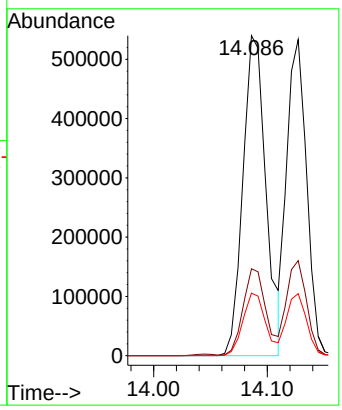


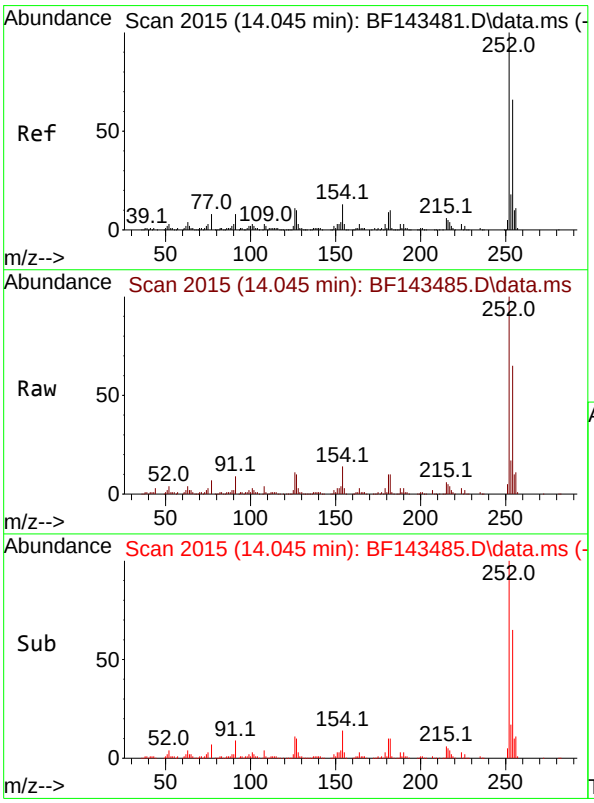
#81
Benzo(a)anthracene
Concen: 40.783 ng
RT: 14.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:228 Resp: 763549

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.7	32.5
229	19.6	15.7	23.5

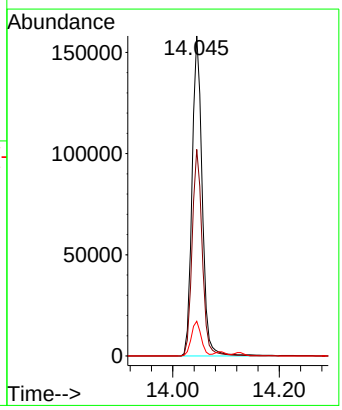


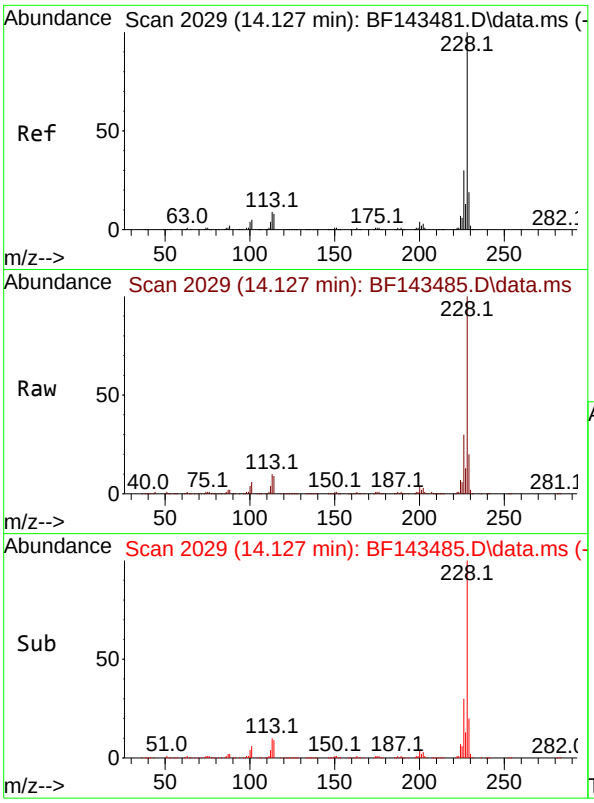


#82
3,3'-Dichlorobenzidine
Concen: 38.975 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:252 Resp: 208975

Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.6	79.0
126	10.8	8.7	13.1



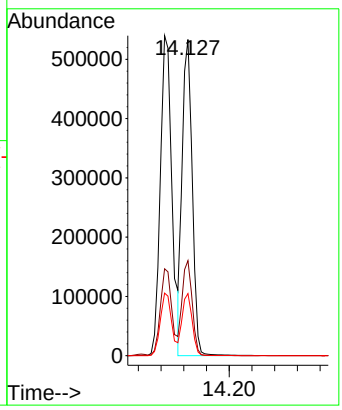


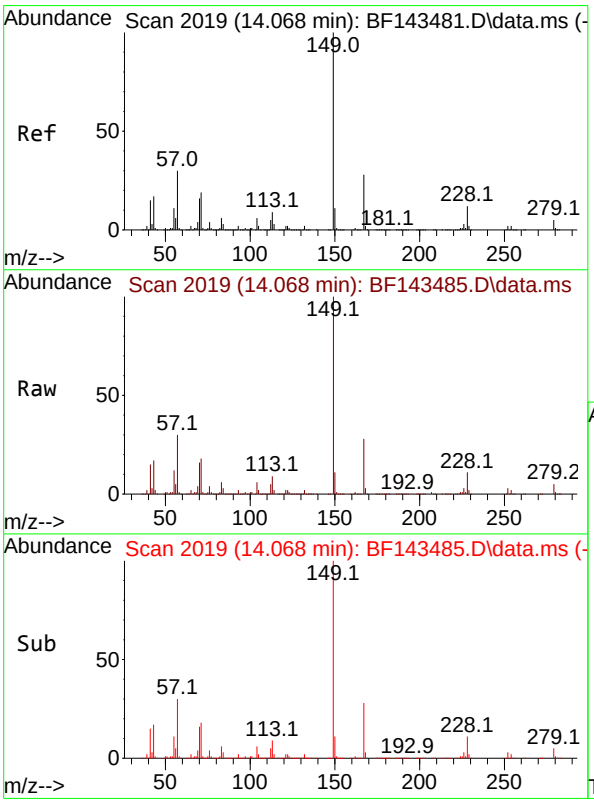
#83
Chrysene
Concen: 38.711 ng
RT: 14.127 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:228 Resp: 651325

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.7	35.5
229	19.6	15.7	23.5

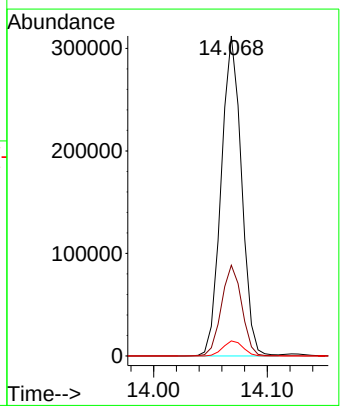


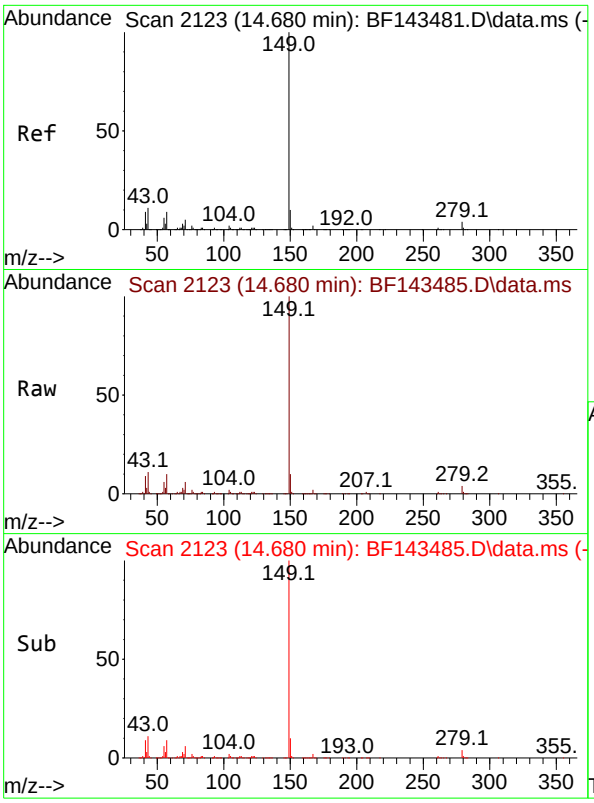


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.990 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:149 Resp: 388068

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.2	33.2
279	4.7	3.6	5.4



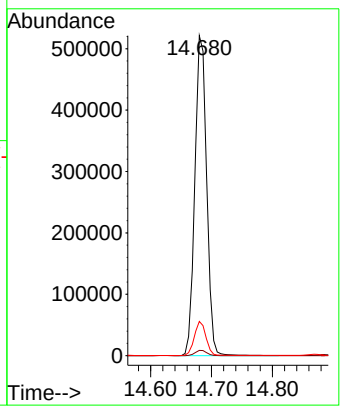


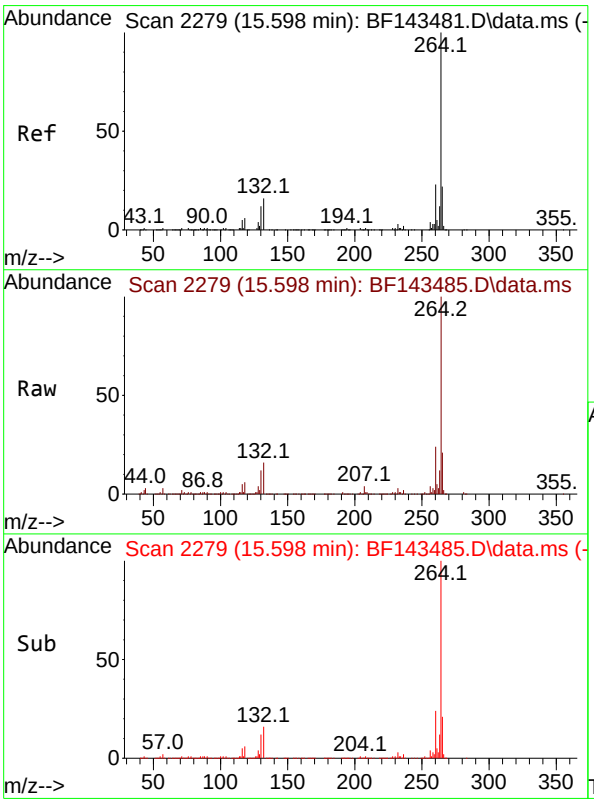
#85
Di-n-octyl phthalate
Concen: 37.975 ng
RT: 14.680 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:149 Resp: 700201

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	10.5	8.5	12.7

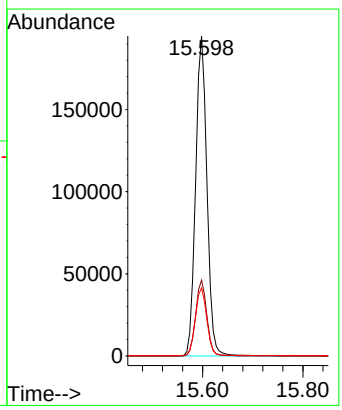


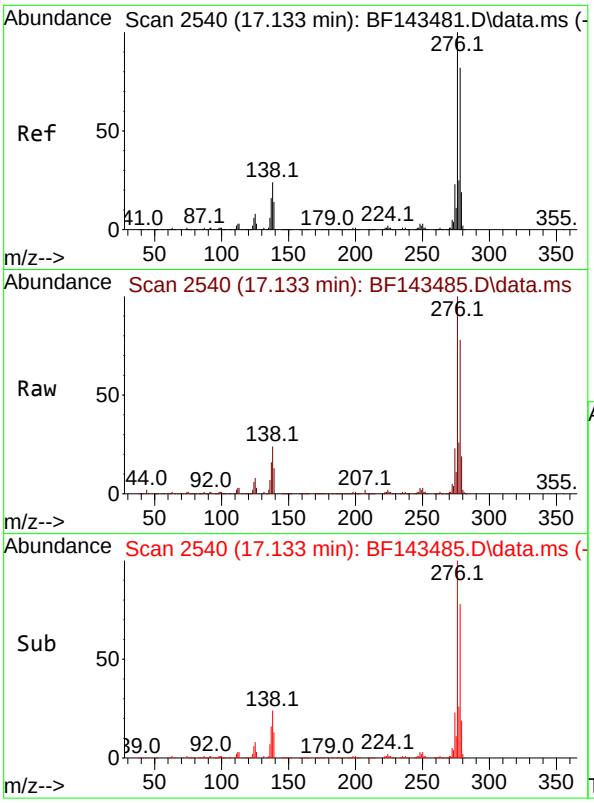


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:264 Resp: 304631

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.2	17.6	26.4



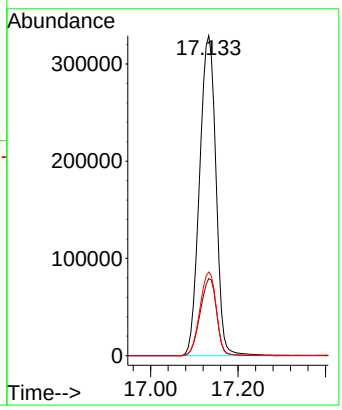


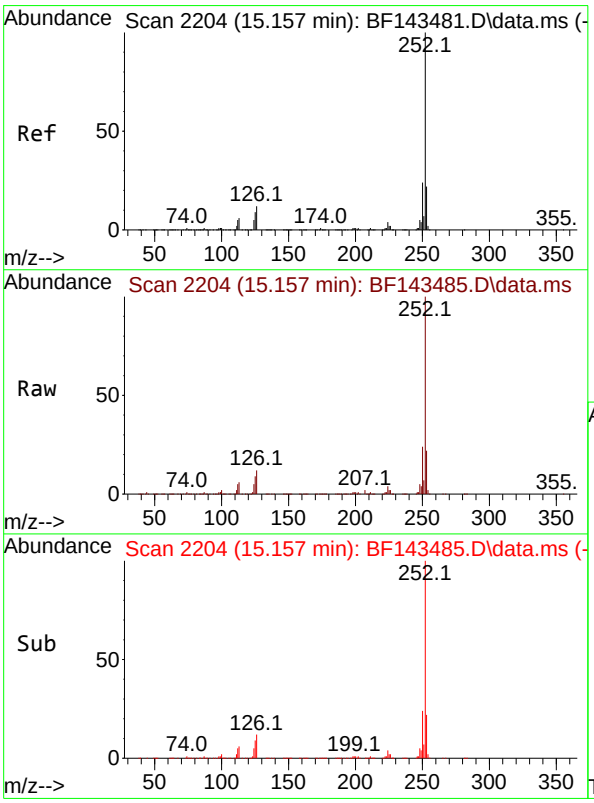
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.281 ng
RT: 17.133 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:276 Resp: 859881

Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.2	28.8
277	26.1	20.3	30.5

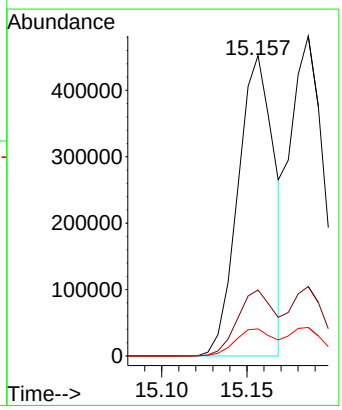


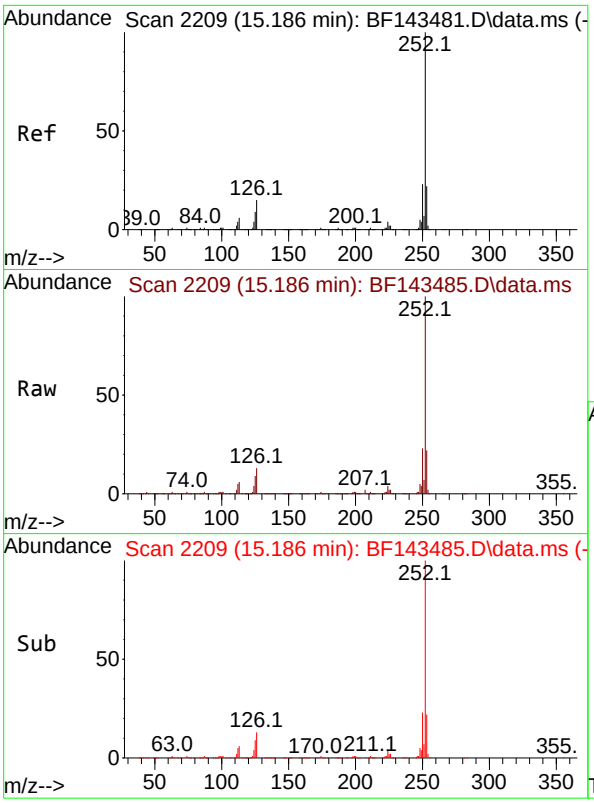


#88
Benzo(b)fluoranthene
Concen: 39.433 ng
RT: 15.157 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:252 Resp: 667733

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	9.0	7.4	11.0



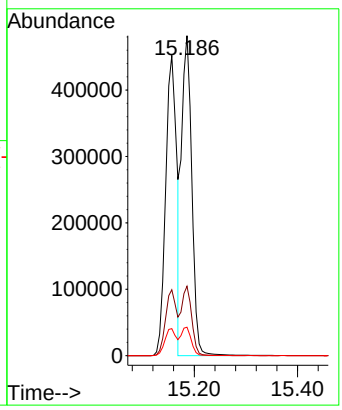


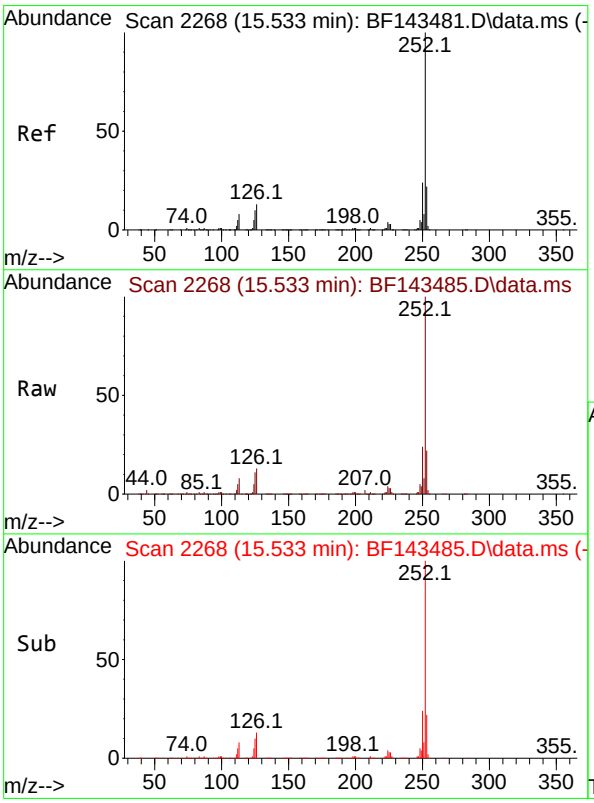
#89
Benzo(k)fluoranthene
Concen: 40.992 ng
RT: 15.186 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:252 Resp: 664593

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	8.9	7.4	11.0

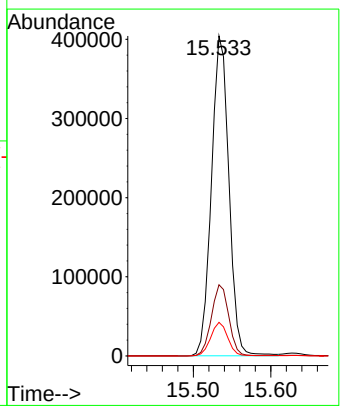


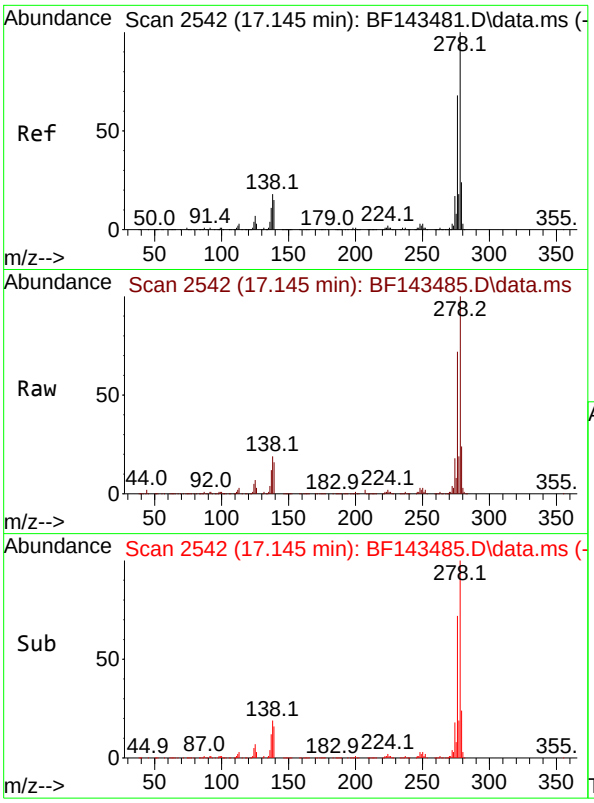


#90
Benzo(a)pyrene
Concen: 40.208 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:252 Resp: 631989

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	10.5	8.2	12.2



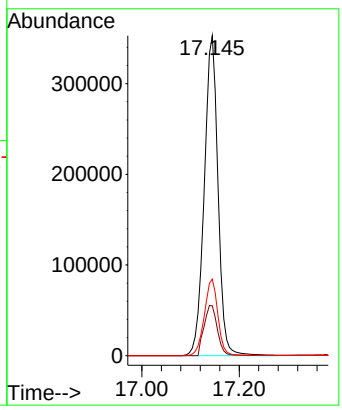


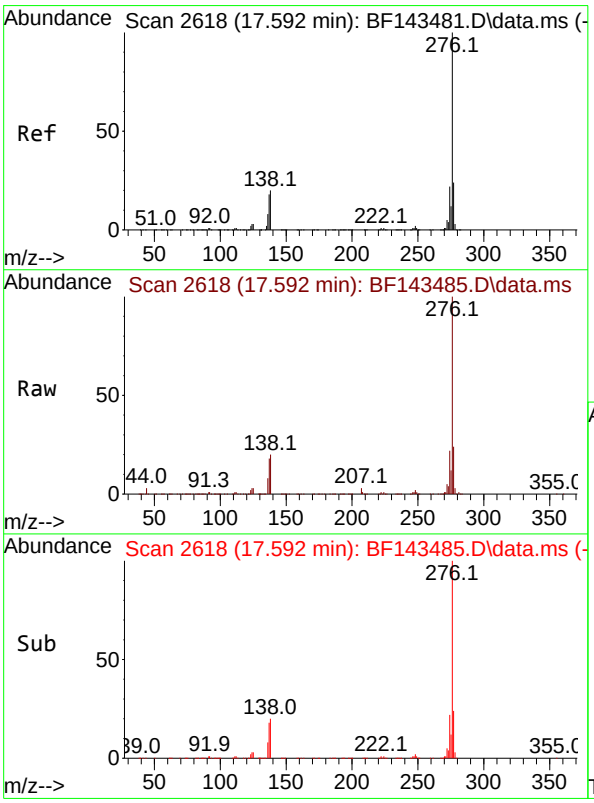
#91
Dibenzo(a,h)anthracene
Concen: 39.378 ng
RT: 17.145 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:278 Resp: 690364

Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.1	18.1
279	23.9	19.2	28.8

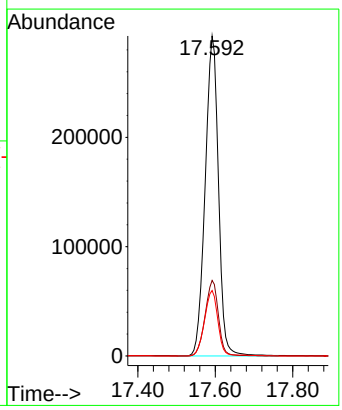




#92
Benzo(g,h,i)perylene
Concen: 39.992 ng
RT: 17.592 min Scan# 2618
Delta R.T. -0.012 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:276 Resp: 697169

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	20.4	16.3	24.5



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143485.D
Acq On : 20 Aug 2025 15:16
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Quant Time: Aug 20 16:24:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 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	107	0.00
2		1,4-Dioxane	0.531	0.520	2.1	104	0.00
3		Pyridine	1.413	1.427	-1.0	106	0.00
4		n-Nitrosodimethylamine	0.635	0.648	-2.0	108	-0.02
5	S	2-Fluorophenol	1.145	1.142	0.3	107	0.00
6		Aniline	1.890	1.912	-1.2	108	0.00
7	S	Phenol-d6	1.414	1.400	1.0	107	-0.01
8		2-Chlorophenol	1.265	1.272	-0.6	107	0.00
9		Benzaldehyde	1.145	1.212	-5.9	108	0.00
10	C	Phenol	1.629	1.653	-1.5	107	0.00
11		bis(2-Chloroethyl)ether	1.217	1.218	-0.1	107	0.00
12		1,3-Dichlorobenzene	1.421	1.411	0.7	107	0.00
13	C	1,4-Dichlorobenzene	1.426	1.406	1.4	107	0.00
14		1,2-Dichlorobenzene	1.350	1.342	0.6	107	0.00
15		Benzyl Alcohol	1.059	1.090	-2.9	108	0.00
16		2,2'-oxybis(1-Chloropropane	1.947	1.949	-0.1	107	0.00
17		2-Methylphenol	1.015	1.033	-1.8	109	0.00
18		Hexachloroethane	0.485	0.492	-1.4	107	0.00
19	P	n-Nitroso-di-n-propylamine	0.864	0.854	1.2	108	-0.01
20		3+4-Methylphenols	1.212	1.229	-1.4	108	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	107	0.00
22		Acetophenone	0.432	0.421	2.5	108	0.00
23	S	Nitrobenzene-d5	0.343	0.345	-0.6	108	0.00
24		Nitrobenzene	0.353	0.358	-1.4	108	0.00
25		Isophorone	0.628	0.634	-1.0	110	0.00
26	C	2-Nitrophenol	0.173	0.180	-4.0	109	0.00
27		2,4-Dimethylphenol	0.269	0.267	0.7	106	0.00
28		bis(2-Chloroethoxy)methane	0.386	0.388	-0.5	108	0.00
29	C	2,4-Dichlorophenol	0.288	0.289	-0.3	108	0.00
30		1,2,4-Trichlorobenzene	0.296	0.291	1.7	107	0.00
31		Naphthalene	0.960	0.937	2.4	107	0.00
32		Benzoic acid	0.137	0.155	-13.1	115	-0.02
33		4-Chloroaniline	0.341	0.343	-0.6	107	0.00
34	C	Hexachlorobutadiene	0.193	0.191	1.0	107	0.00
35		Caprolactam	0.069	0.077	-11.6	117	-0.02
36	C	4-Chloro-3-methylphenol	0.288	0.292	-1.4	109	0.00
37		2-Methylnaphthalene	0.641	0.623	2.8	106	0.00
38		1-Methylnaphthalene	0.613	0.602	1.8	107	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	109	0.00
40		1,2,4,5-Tetrachlorobenzene	0.572	0.555	3.0	107	0.00
41	P	Hexachlorocyclopentadiene	0.184	0.201	-9.2	110	0.00
42	S	2,4,6-Tribromophenol	0.186	0.188	-1.1	109	0.00
43	C	2,4,6-Trichlorophenol	0.352	0.362	-2.8	108	0.00
44		2,4,5-Trichlorophenol	0.385	0.377	2.1	107	0.00
45	S	2-Fluorobiphenyl	1.210	1.154	4.6	108	0.00
46		1,1'-Biphenyl	1.420	1.384	2.5	108	0.00
47		2-Chloronaphthalene	1.114	1.088	2.3	107	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143485.D
Acq On : 20 Aug 2025 15:16
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Quant Time: Aug 20 16:24:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 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	0.326	0.341	-4.6	110	0.00
49		Acenaphthylene	1.595	1.577	1.1	108	0.00
50		Dimethylphthalate	1.205	1.233	-2.3	112	0.00
51		2,6-Dinitrotoluene	0.250	0.265	-6.0	111	0.00
52	C	Acenaphthene	1.083	1.081	0.2	109	0.00
53		3-Nitroaniline	0.270	0.287	-6.3	112	0.00
54	P	2,4-Dinitrophenol	0.115	0.137	-19.1	125	0.00
55		Dibenzofuran	1.544	1.506	2.5	107	0.00
56	P	4-Nitrophenol	0.161	0.186	-15.5	118	0.00
57		2,4-Dinitrotoluene	0.333	0.360	-8.1	111	0.00
58		Fluorene	1.188	1.156	2.7	108	0.00
59		2,3,4,6-Tetrachlorophenol	0.286	0.305	-6.6	112	0.00
60		Diethylphthalate	1.080	1.126	-4.3	113	0.00
61		4-Chlorophenyl-phenylether	0.594	0.583	1.9	108	0.00
62		4-Nitroaniline	0.248	0.272	-9.7	115	0.00
63		Azobenzene	1.120	1.119	0.1	108	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	110	0.00
65		4,6-Dinitro-2-methylphenol	0.113	0.124	-9.7	115	0.00
66	c	n-Nitrosodiphenylamine	0.644	0.631	2.0	109	0.00
67		4-Bromophenyl-phenylether	0.239	0.240	-0.4	110	0.00
68		Hexachlorobenzene	0.257	0.254	1.2	109	0.00
69		Atrazine	0.166	0.181	-9.0	119	0.00
70	C	Pentachlorophenol	0.118	0.129	-9.3	115	0.00
71		Phenanthrene	1.071	1.051	1.9	112	0.00
72		Anthracene	1.085	1.068	1.6	110	0.00
73		Carbazole	0.889	0.898	-1.0	112	0.00
74		Di-n-butylphthalate	0.829	0.902	-8.8	117	0.00
75	C	Fluoranthene	0.961	0.967	-0.6	113	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	116	0.00
77		Benzidine	0.487	0.487	0.0	110	0.00
78		Pyrene	1.645	1.600	2.7	114	0.00
79	S	Terphenyl-d14	1.146	1.099	4.1	113	0.00
80		Butylbenzylphthalate	0.449	0.467	-4.0	116	0.00
81		Benzo(a)anthracene	1.288	1.313	-1.9	116	0.00
82		3,3'-Dichlorobenzidine	0.369	0.359	2.7	112	0.00
83		Chrysene	1.157	1.120	3.2	117	0.00
84		Bis(2-ethylhexyl)phthalate	0.685	0.667	2.6	109	0.00
85	c	Di-n-octyl phthalate	1.268	1.204	5.0	108	0.00
86	I	Perylene-d12	1.000	1.000	0.0	106	0.00
87		Indeno(1,2,3-cd)pyrene	1.437	1.411	1.8	103	0.00
88		Benzo(b)fluoranthene	1.112	1.096	1.4	108	0.00
89		Benzo(k)fluoranthene	1.064	1.091	-2.5	107	0.00
90	C	Benzo(a)pyrene	1.032	1.037	-0.5	106	0.00
91		Dibenzo(a,h)anthracene	1.151	1.133	1.6	103	-0.01
92		Benzo(g,h,i)perylene	1.145	1.144	0.1	105	-0.01

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143485.D
Acq On : 20 Aug 2025 15:16
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Quant Time: Aug 20 16:24:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143485.D
Acq On : 20 Aug 2025 15:16
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Quant Time: Aug 20 16:24:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 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	107	0.00
2		1,4-Dioxane	40.000	39.182	2.0	104	0.00
3		Pyridine	40.000	40.378	-0.9	106	0.00
4		n-Nitrosodimethylamine	40.000	40.802	-2.0	108	-0.02
5	S	2-Fluorophenol	80.000	79.796	0.3	107	0.00
6		Aniline	40.000	40.468	-1.2	108	0.00
7	S	Phenol-d6	80.000	79.236	1.0	107	-0.01
8		2-Chlorophenol	40.000	40.225	-0.6	107	0.00
9		Benzaldehyde	40.000	42.346	-5.9	108	0.00
10	C	Phenol	40.000	40.587	-1.5	107	0.00
11		bis(2-Chloroethyl)ether	40.000	40.011	-0.0	107	0.00
12		1,3-Dichlorobenzene	40.000	39.721	0.7	107	0.00
13	C	1,4-Dichlorobenzene	40.000	39.445	1.4	107	0.00
14		1,2-Dichlorobenzene	40.000	39.765	0.6	107	0.00
15		Benzyl Alcohol	40.000	41.185	-3.0	108	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	40.039	-0.1	107	0.00
17		2-Methylphenol	40.000	40.687	-1.7	109	0.00
18		Hexachloroethane	40.000	40.592	-1.5	107	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.547	1.1	108	-0.01
20		3+4-Methylphenols	40.000	40.559	-1.4	108	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	107	0.00
22		Acetophenone	40.000	38.990	2.5	108	0.00
23	S	Nitrobenzene-d5	80.000	80.608	-0.8	108	0.00
24		Nitrobenzene	40.000	40.579	-1.4	108	0.00
25		Isophorone	40.000	40.343	-0.9	110	0.00
26	C	2-Nitrophenol	40.000	41.747	-4.4	109	0.00
27		2,4-Dimethylphenol	40.000	39.655	0.9	106	0.00
28		bis(2-Chloroethoxy)methane	40.000	40.210	-0.5	108	0.00
29	C	2,4-Dichlorophenol	40.000	40.217	-0.5	108	0.00
30		1,2,4-Trichlorobenzene	40.000	39.404	1.5	107	0.00
31		Naphthalene	40.000	39.033	2.4	107	0.00
32		Benzoic acid	40.000	41.489	-3.7	115	-0.02
33		4-Chloroaniline	40.000	40.234	-0.6	107	0.00
34	C	Hexachlorobutadiene	40.000	39.523	1.2	107	0.00
35		Caprolactam	40.000	44.838	-12.1	117	-0.02
36	C	4-Chloro-3-methylphenol	40.000	40.569	-1.4	109	0.00
37		2-Methylnaphthalene	40.000	38.877	2.8	106	0.00
38		1-Methylnaphthalene	40.000	39.260	1.9	107	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	109	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	38.786	3.0	107	0.00
41	P	Hexachlorocyclopentadiene	40.000	39.756	0.6	110	0.00
42	S	2,4,6-Tribromophenol	80.000	80.753	-0.9	109	0.00
43	C	2,4,6-Trichlorophenol	40.000	41.105	-2.8	108	0.00
44		2,4,5-Trichlorophenol	40.000	39.178	2.1	107	0.00
45	S	2-Fluorobiphenyl	80.000	76.290	4.6	108	0.00
46		1,1'-Biphenyl	40.000	38.997	2.5	108	0.00
47		2-Chloronaphthalene	40.000	39.068	2.3	107	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143485.D
Acq On : 20 Aug 2025 15:16
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Quant Time: Aug 20 16:24:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	41.861	-4.7	110	0.00
49		Acenaphthylene	40.000	39.557	1.1	108	0.00
50		Dimethylphthalate	40.000	40.935	-2.3	112	0.00
51		2,6-Dinitrotoluene	40.000	42.459	-6.1	111	0.00
52	C	Acenaphthene	40.000	39.941	0.1	109	0.00
53		3-Nitroaniline	40.000	42.506	-6.3	112	0.00
54	P	2,4-Dinitrophenol	40.000	43.761	-9.4	125	0.00
55		Dibenzofuran	40.000	39.023	2.4	107	0.00
56	P	4-Nitrophenol	40.000	46.387	-16.0	118	0.00
57		2,4-Dinitrotoluene	40.000	43.183	-8.0	111	0.00
58		Fluorene	40.000	38.901	2.7	108	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	42.767	-6.9	112	0.00
60		Diethylphthalate	40.000	41.708	-4.3	113	0.00
61		4-Chlorophenyl-phenylether	40.000	39.269	1.8	108	0.00
62		4-Nitroaniline	40.000	43.927	-9.8	115	0.00
63		Azobenzene	40.000	39.982	0.0	108	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	110	0.00
65		4,6-Dinitro-2-methylphenol	40.000	43.849	-9.6	115	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.212	2.0	109	0.00
67		4-Bromophenyl-phenylether	40.000	40.305	-0.8	110	0.00
68		Hexachlorobenzene	40.000	39.544	1.1	109	0.00
69		Atrazine	40.000	43.693	-9.2	119	0.00
70	C	Pentachlorophenol	40.000	43.916	-9.8	115	0.00
71		Phenanthrene	40.000	39.237	1.9	112	0.00
72		Anthracene	40.000	39.390	1.5	110	0.00
73		Carbazole	40.000	40.413	-1.0	112	0.00
74		Di-n-butylphthalate	40.000	43.507	-8.8	117	0.00
75	C	Fluoranthene	40.000	40.261	-0.7	113	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	116	0.00
77		Benzidine	40.000	39.962	0.1	110	0.00
78		Pyrene	40.000	38.897	2.8	114	0.00
79	S	Terphenyl-d14	80.000	76.705	4.1	113	0.00
80		Butylbenzylphthalate	40.000	41.549	-3.9	116	0.00
81		Benzo(a)anthracene	40.000	40.783	-2.0	116	0.00
82		3,3'-Dichlorobenzidine	40.000	38.975	2.6	112	0.00
83		Chrysene	40.000	38.711	3.2	117	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	38.990	2.5	109	0.00
85	c	Di-n-octyl phthalate	40.000	37.975	5.1	108	0.00
86	I	Perylene-d12	20.000	20.000	0.0	106	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	39.281	1.8	103	0.00
88		Benzo(b)fluoranthene	40.000	39.433	1.4	108	0.00
89		Benzo(k)fluoranthene	40.000	40.992	-2.5	107	0.00
90	C	Benzo(a)pyrene	40.000	40.208	-0.5	106	0.00
91		Dibenzo(a,h)anthracene	40.000	39.378	1.6	103	-0.01
92		Benzo(g,h,i)perylene	40.000	39.992	0.0	105	-0.01

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143485.D
Acq On : 20 Aug 2025 15:16
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Quant Time: Aug 20 16:24:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2924

Instrument ID: BNA_F Calibration Date(s): 08/26/2025 08/26/2025

Calibration Time(s): 09:11 12:32

LAB FILE ID: RRF2.5 = BF143585.D RRF005 = BF143586.D RRF010 = BF143587.D
RRF020 = BF143588.D RRF040 = BF143589.D RRF050 = BF143590.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.245	1.223	1.243	1.152	1.114	1.175	5.2
Benzaldehyde			1.075	1.018	1.209	1.011	1.095	8.0
Phenol-d6		1.584	1.519	1.521	1.422	1.373	1.455	6.0
Phenol		1.726	1.685	1.720	1.584	1.558	1.632	4.8
bis(2-Chloroethyl)ether		1.358	1.306	1.341	1.211	1.157	1.251	6.7
2-Chlorophenol		1.255	1.263	1.286	1.239	1.207	1.243	2.6
2-Methylphenol		1.099	1.076	1.105	1.031	1.017	1.055	3.9
2,2-oxybis(1-Chloropropane)		2.622	2.449	2.481	2.223	2.120	2.309	9.1
Acetophenone		0.513	0.484	0.479	0.437	0.418	0.450	9.3
3+4-Methylphenols			1.389	1.411	1.288	1.227	1.296	6.7
n-Nitroso-di-n-propylamine	0.959	0.979	0.951	0.968	0.876	0.860	0.922	5.4
Nitrobenzene-d5			0.207	0.260	0.293	0.300	0.280	14.6
Hexachloroethane		0.451	0.452	0.484	0.460	0.449	0.458	3.4
Nitrobenzene		0.217	0.250	0.305	0.330	0.329	0.300	16.0
Isophorone		0.694	0.662	0.683	0.645	0.628	0.656	4.0
2-Nitrophenol		0.043	0.056	0.080	0.114	0.130	0.101	40.8
2,4-Dimethylphenol		0.292	0.280	0.297	0.285	0.282	0.285	2.7
bis(2-Chloroethoxy)methane		0.431	0.411	0.424	0.385	0.377	0.397	6.4
2,4-Dichlorophenol		0.257	0.268	0.289	0.284	0.273	0.275	4.2
Naphthalene		1.098	1.029	1.031	0.938	0.900	0.966	9.0
4-Chloroaniline		0.373	0.352	0.360	0.338	0.325	0.341	6.2
Hexachlorobutadiene		0.199	0.189	0.189	0.177	0.171	0.181	6.6
Caprolactam			0.071	0.078	0.078	0.079	0.078	4.9
4-Chloro-3-methylphenol		0.282	0.284	0.300	0.288	0.283	0.287	2.8
2-Methylnaphthalene		0.727	0.685	0.684	0.615	0.586	0.638	9.5
Hexachlorocyclopentadiene			0.201	0.249	0.264	0.273	0.256	11.2
2,4,6-Trichlorophenol		0.285	0.320	0.357	0.374	0.359	0.344	9.0
2-Fluorobiphenyl		1.404	1.290	1.276	1.120	1.041	1.170	13.1
2,4,5-Trichlorophenol		0.317	0.321	0.360	0.353	0.356	0.347	5.7
1,1-Biphenyl		1.588	1.493	1.480	1.358	1.282	1.388	9.7
2-Chloronaphthalene		1.210	1.161	1.143	1.086	1.035	1.096	7.0
2-Nitroaniline		0.118	0.147	0.225	0.287	0.307	0.247	34.7
Dimethylphthalate		1.309	1.266	1.306	1.199	1.180	1.230	5.2
Acenaphthylene		1.772	1.673	1.711	1.557	1.489	1.595	7.7

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: AECO02

Lab Code: ACE SDG No.: Q2924

Instrument ID: BNA_F Calibration Date(s): 08/26/2025 08/26/2025

Calibration Time(s): 09:11 12:32

LAB FILE ID: RRF2.5 = BF143585.D RRF005 = BF143586.D RRF010 = BF143587.D
RRF020 = BF143588.D RRF040 = BF143589.D RRF050 = BF143590.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.065	0.090	0.145	0.189	0.208	0.163	39.7
3-Nitroaniline		0.092	0.127	0.194	0.233	0.246	0.201	33.2
Acenaphthene		1.169	1.103	1.115	1.014	0.969	1.045	8.0
2,4-Dinitrophenol			0.020	0.032	0.050	0.066	0.054	45.1
4-Nitrophenol			0.114	0.161	0.189	0.201	0.182	21.3
Dibenzofuran		1.716	1.633	1.648	1.470	1.425	1.532	8.5
2,4-Dinitrotoluene		0.081	0.120	0.186	0.246	0.276	0.213	40.4
Diethylphthalate		1.219	1.198	1.229	1.110	1.097	1.153	5.5
4-Chlorophenyl-phenylether		0.656	0.616	0.603	0.533	0.515	0.562	11.0
Fluorene		1.368	1.270	1.231	1.089	1.035	1.150	12.1
4-Nitroaniline		0.115	0.143	0.191	0.212	0.229	0.196	25.3
4,6-Dinitro-2-methylphenol			0.020	0.035	0.058	0.071	0.057	42.9
n-Nitrosodiphenylamine		0.694	0.664	0.662	0.632	0.598	0.636	6.0
2,4,6-Tribromophenol		0.130	0.143	0.166	0.162	0.163	0.156	9.4
4-Bromophenyl-phenylether		0.223	0.219	0.228	0.219	0.208	0.216	3.7
Hexachlorobenzene		0.247	0.239	0.242	0.229	0.220	0.231	5.0
Atrazine		0.179	0.184	0.188	0.181	0.182	0.183	2.5
Pentachlorophenol			0.101	0.126	0.139	0.140	0.132	12.5
Phenanthrene		1.223	1.162	1.127	1.040	0.995	1.071	9.4
Anthracene		1.223	1.168	1.151	1.041	0.998	1.079	9.2
Carbazole		1.078	1.019	0.991	0.892	0.855	0.933	10.2
Di-n-butylphthalate		0.961	0.968	1.013	0.923	0.925	0.950	4.2
Fluoranthene		1.176	1.101	1.065	0.897	0.862	0.978	13.6
Pyrene		1.722	1.768	1.810	1.609	1.687	1.674	6.2
Terphenyl-d14		1.199	1.213	1.221	1.044	1.080	1.115	8.4
Butylbenzylphthalate		0.211	0.276	0.386	0.456	0.455	0.398	28.7
3,3-Dichlorobenzidine			0.271	0.339	0.373	0.340	0.337	10.8
Benzo(a)anthracene		1.365	1.276	1.288	1.257	1.216	1.258	4.7
Chrysene		1.239	1.174	1.244	1.125	1.129	1.173	4.4
Bis(2-ethylhexyl)phthalate		0.285	0.397	0.529	0.632	0.580	0.528	25.9
Di-n-octyl phthalate			0.564	0.840	1.167	1.128	1.017	25.6
Benzo(b)fluoranthene		1.354	1.208	1.131	1.045	1.008	1.143	10.3
Benzo(k)fluoranthene		1.169	1.128	1.165	1.061	1.028	1.068	8.3
Benzo(a)pyrene		1.007	0.994	1.034	1.032	0.989	1.010	2.2
Indeno(1,2,3-cd)pyrene		1.127	1.316	1.462	1.429	1.401	1.361	8.4

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: AECO02

Lab Code: ACE SDG No.: Q2924

Instrument ID: BNA_F Calibration Date(s): 08/26/2025 08/26/2025

Calibration Time(s): 09:11 12:32

LAB FILE ID: RRF2.5 = BF143585.D RRF005 = BF143586.D RRF010 = BF143587.D
RRF020 = BF143588.D RRF040 = BF143589.D RRF050 = BF143590.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		0.980	1.093	1.191	1.154	1.127	1.114	6.3
Benzo(g,h,i)perylene		0.935	1.071	1.154	1.148	1.148	1.103	7.3
1,2,4,5-Tetrachlorobenzene		0.576	0.542	0.554	0.510	0.498	0.520	7.3
1,4-Dioxane		0.606	0.579	0.592	0.571	0.546	0.575	3.5
2,3,4,6-Tetrachlorophenol		0.190	0.224	0.273	0.271	0.277	0.257	13.9

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF082625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Aug 26 16:30:52 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF143585.D 5 =BF143586.D 10 =BF143587.D 20 =BF143588.D 40 =BF143589.D 50 =BF143590.D 60 =BF143591.D 80 =BF1435
92.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.606	0.579	0.592	0.571	0.546	0.570	0.561	0.575	3.46
3)		Pyridine		1.218	1.341	1.525	1.504	1.491	1.540	1.487	1.444	8.25
4)		n-Nitrosodimet...			0.669	0.683	0.695	0.690	0.703	0.682	0.687	1.71
5)	S	2-Fluorophenol		1.245	1.223	1.243	1.152	1.114	1.151	1.098	1.175	5.20
6)		Aniline		2.116	2.036	2.151	1.980	1.970	2.048	1.921	2.032	4.04
7)	S	Phenol-d6		1.584	1.519	1.521	1.422	1.373	1.424	1.346	1.455	6.00
8)		2-Chlorophenol		1.255	1.263	1.286	1.239	1.207	1.259	1.195	1.243	2.61
9)		Benzaldehyde			1.075	1.018	1.209	1.011	1.162		1.095	8.00
10)	C	Phenol		1.726	1.685	1.720	1.584	1.558	1.617	1.536	1.632	4.78
11)		bis(2-Chloroet...		1.358	1.306	1.341	1.211	1.157	1.224	1.158	1.251	6.73
12)		1,3-Dichlorobe...		1.574	1.506	1.524	1.378	1.339	1.377	1.298	1.428	7.37
13)	C	1,4-Dichlorobe...		1.615	1.517	1.536	1.400	1.328	1.388	1.296	1.440	8.18
14)		1,2-Dichlorobe...		1.494	1.423	1.457	1.312	1.280	1.328	1.266	1.366	6.65
15)		Benzyl Alcohol			1.074	1.135	1.088	1.074	1.117	1.057	1.091	2.71
16)		2,2'-oxybis(1-...		2.622	2.449	2.481	2.223	2.120	2.217	2.050	2.309	9.11
17)		2-Methylphenol		1.099	1.076	1.105	1.031	1.017	1.059	1.000	1.055	3.86
18)		Hexachloroethane		0.451	0.452	0.484	0.460	0.449	0.471	0.436	0.458	3.40
19)	P	n-Nitroso-di-n...	0.959	0.979	0.951	0.968	0.876	0.860	0.921	0.863	0.922	5.35
20)		3+4-Methylphenols			1.389	1.411	1.288	1.227	1.268	1.195	1.296	6.69
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.513	0.484	0.479	0.437	0.418	0.423	0.399	0.450	9.28
23)	S	Nitrobenzene-d5			0.207	0.260	0.293	0.300	0.315	0.307	0.280	14.57
24)		Nitrobenzene		0.217	0.250	0.305	0.330	0.329	0.342	0.331	0.300	15.99
25)		Isophorone		0.694	0.662	0.683	0.645	0.628	0.654	0.623	0.656	4.02
26)	C	2-Nitrophenol		0.043	0.056	0.080	0.114	0.130	0.142	0.142	0.101	40.76#
27)		2,4-Dimethylph...		0.292	0.280	0.297	0.285	0.282	0.286	0.274	0.285	2.65
28)		bis(2-Chloroet...		0.431	0.411	0.424	0.385	0.377	0.386	0.363	0.397	6.40
29)	C	2,4-Dichloroph...		0.257	0.268	0.289	0.284	0.273	0.284	0.269	0.275	4.18
30)		1,2,4-Trichlor...		0.312	0.297	0.296	0.284	0.275	0.281	0.263	0.287	5.67
31)		Naphthalene		1.098	1.029	1.031	0.938	0.900	0.909	0.860	0.966	9.00
32)		Benzoic acid			0.047	0.091	0.126	0.150	0.172	0.168	0.126	38.83
33)		4-Chloroaniline		0.373	0.352	0.360	0.338	0.325	0.326	0.315	0.341	6.16
34)	C	Hexachlorobuta...		0.199	0.189	0.189	0.177	0.171	0.175	0.165	0.181	6.63
35)		Caprolactam			0.071	0.078	0.078	0.079	0.083	0.078	0.078	4.87
36)	C	4-Chloro-3-met...		0.282	0.284	0.300	0.288	0.283	0.296	0.278	0.287	2.75
37)		2-Methylnaphth...		0.727	0.685	0.684	0.615	0.586	0.605	0.565	0.638	9.46
38)		1-Methylnaphth...		0.694	0.666	0.655	0.599	0.566	0.583	0.548	0.616	9.05

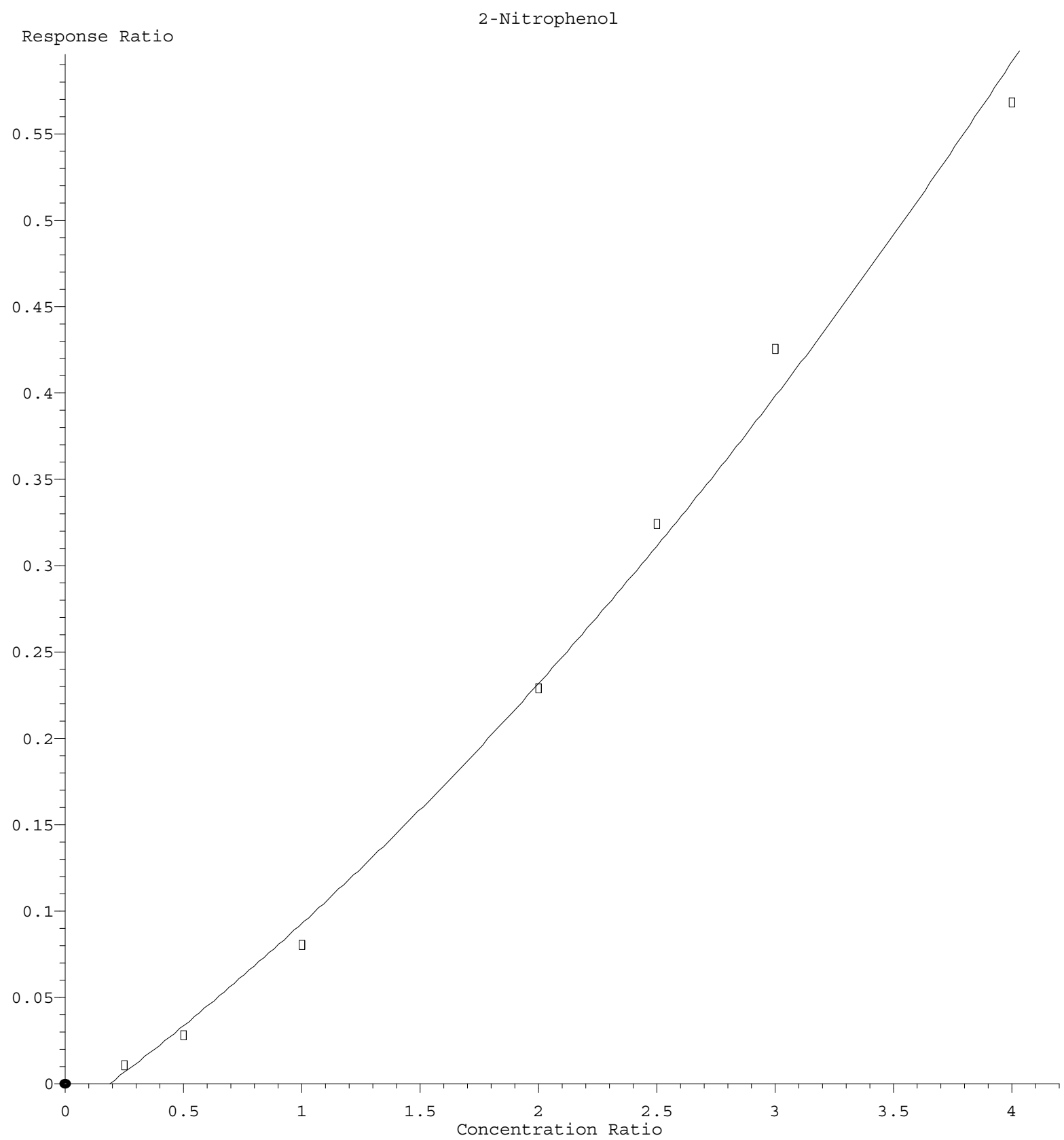
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF082625.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.576	0.542	0.554	0.510	0.498	0.491	0.470	0.520	7.33
41)	P	Hexachlorocycl...		0.201	0.249	0.264	0.273	0.279	0.270	0.256	11.23
42)	S	2,4,6-Tribromo...	0.130	0.143	0.166	0.162	0.163	0.170	0.162	0.156	9.38
43)	C	2,4,6-Trichlor...	0.285	0.320	0.357	0.374	0.359	0.364	0.348	0.344	9.00
44)		2,4,5-Trichlor...	0.317	0.321	0.360	0.353	0.356	0.368	0.358	0.347	5.74
45)	S	2-Fluorobiphenyl	1.404	1.290	1.276	1.120	1.041	1.056	1.001	1.170	13.11
46)		1,1'-Biphenyl	1.588	1.493	1.480	1.358	1.282	1.287	1.226	1.388	9.67
47)		2-Chloronaphth...	1.210	1.161	1.143	1.086	1.035	1.036	1.004	1.096	6.99
48)		2-Nitroaniline	0.118	0.147	0.225	0.287	0.307	0.328	0.318	0.247	34.69
49)		Acenaphthylene	1.772	1.673	1.711	1.557	1.489	1.511	1.451	1.595	7.74
50)		Dimethylphthalate	1.309	1.266	1.306	1.199	1.180	1.204	1.147	1.230	5.18
51)		2,6-Dinitrotol...	0.065	0.090	0.145	0.189	0.208	0.226	0.219	0.163	39.69
52)	C	Acenaphthene	1.169	1.103	1.115	1.014	0.969	0.992	0.953	1.045	7.97
53)		3-Nitroaniline	0.092	0.127	0.194	0.233	0.246	0.262	0.251	0.201	33.23
54)	P	2,4-Dinitrophenol		0.020	0.032	0.050	0.066	0.077	0.081	0.054	45.09
55)		Dibenzofuran	1.716	1.633	1.648	1.470	1.425	1.451	1.379	1.532	8.54
56)	P	4-Nitrophenol		0.114	0.161	0.189	0.201	0.218	0.209	0.182	21.33
57)		2,4-Dinitrotol...	0.081	0.120	0.186	0.246	0.276	0.294	0.289	0.213	40.38
58)		Fluorene	1.368	1.270	1.231	1.089	1.035	1.056	1.002	1.150	12.10
59)		2,3,4,6-Tetrac...	0.190	0.224	0.273	0.271	0.277	0.287	0.275	0.257	13.91
60)		Diethylphthalate	1.219	1.198	1.229	1.110	1.097	1.147	1.068	1.153	5.54
61)		4-Chlorophenyl...	0.656	0.616	0.603	0.533	0.515	0.525	0.489	0.562	11.02
62)		4-Nitroaniline	0.115	0.143	0.191	0.212	0.229	0.244	0.237	0.196	25.31
63)		Azobenzene	1.269	1.227	1.262	1.128	1.111	1.126	1.058	1.169	7.11
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.020	0.035	0.058	0.071	0.080	0.080	0.057	42.94
66)	c	n-Nitrosodiphe...	0.694	0.664	0.662	0.632	0.598	0.610	0.593	0.636	6.02
67)		4-Bromophenyl-...	0.223	0.219	0.228	0.219	0.208	0.211	0.206	0.216	3.74
68)		Hexachlorobenzene	0.247	0.239	0.242	0.229	0.220	0.226	0.217	0.231	5.05
69)		Atrazine	0.179	0.184	0.188	0.181	0.182	0.189	0.177	0.183	2.48
70)	C	Pentachlorophenol		0.101	0.126	0.139	0.140	0.145	0.141	0.132	12.49
71)		Phenanthrene	1.223	1.162	1.127	1.040	0.995	0.994	0.955	1.071	9.38
72)		Anthracene	1.223	1.168	1.151	1.041	0.998	1.004	0.969	1.079	9.22
73)		Carbazole	1.078	1.019	0.991	0.892	0.855	0.865	0.830	0.933	10.23
74)		Di-n-butylphth...	0.961	0.968	1.013	0.923	0.925	0.968	0.893	0.950	4.15
75)	C	Fluoranthene	1.176	1.101	1.065	0.897	0.862	0.901	0.842	0.978	13.62
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.598	0.654	0.538	0.357	0.222	0.394	0.460	35.65
78)		Pyrene	1.722	1.768	1.810	1.609	1.687	1.613	1.507	1.674	6.25
79)	S	Terphenyl-d14	1.199	1.213	1.221	1.044	1.080	1.053	0.992	1.115	8.45
80)		Butylbenzylpht...	0.211	0.276	0.386	0.456	0.455	0.513	0.490	0.398	28.68
81)		Benzo(a)anthra...	1.365	1.276	1.288	1.257	1.216	1.220	1.186	1.258	4.73
82)		3,3'-Dichlorob...		0.271	0.339	0.373	0.340	0.334	0.367	0.337	10.77
83)		Chrysene	1.239	1.174	1.244	1.125	1.129	1.168	1.129	1.173	4.35
84)		Bis(2-ethylhex...	0.285	0.397	0.529	0.632	0.580	0.637	0.632	0.528	25.91
85)	c	Di-n-octyl pht...		0.564	0.840	1.167	1.128	1.179	1.223	1.017	25.62

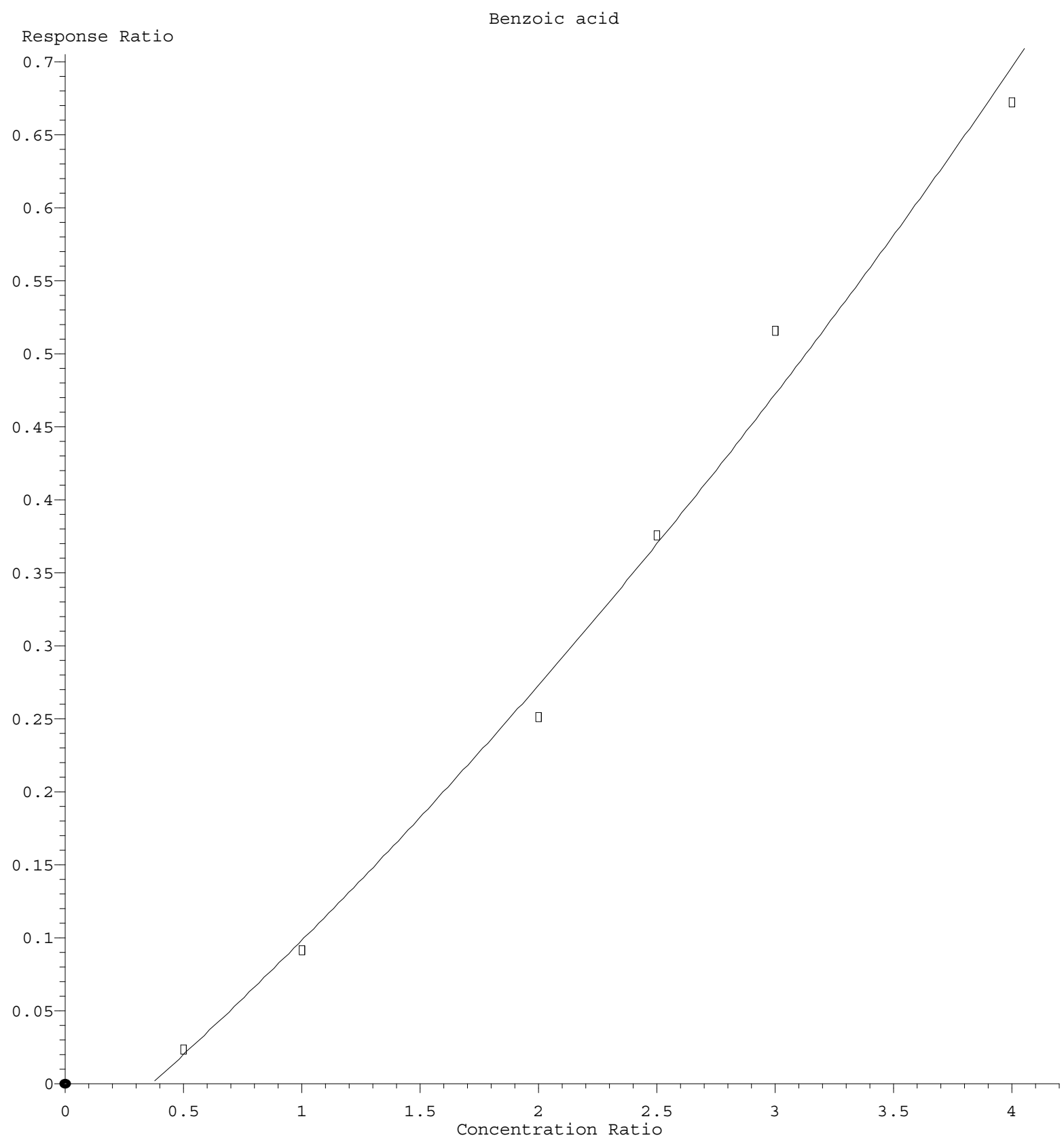
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF082625.M

86)	I	Perylene-d12	----------ISTD----------								
87)		Indeno(1,2,3-c...	1.127	1.316	1.462	1.429	1.401	1.430	1.359	1.361	8.36
88)		Benzo(b)fluora...	1.354	1.208	1.131	1.045	1.008	1.184	1.069	1.143	10.35
89)		Benzo(k)fluora...	1.169	1.128	1.165	1.061	1.028	0.982	0.947	1.068	8.28
90)	C	Benzo(a)pyrene	1.007	0.994	1.034	1.032	0.989	1.030	0.982	1.010	2.20
91)		Dibenzo(a,h)an...	0.980	1.093	1.191	1.154	1.127	1.163	1.089	1.114	6.25
92)		Benzo(g,h,i)pe...	0.935	1.071	1.154	1.148	1.148	1.157	1.106	1.103	7.31

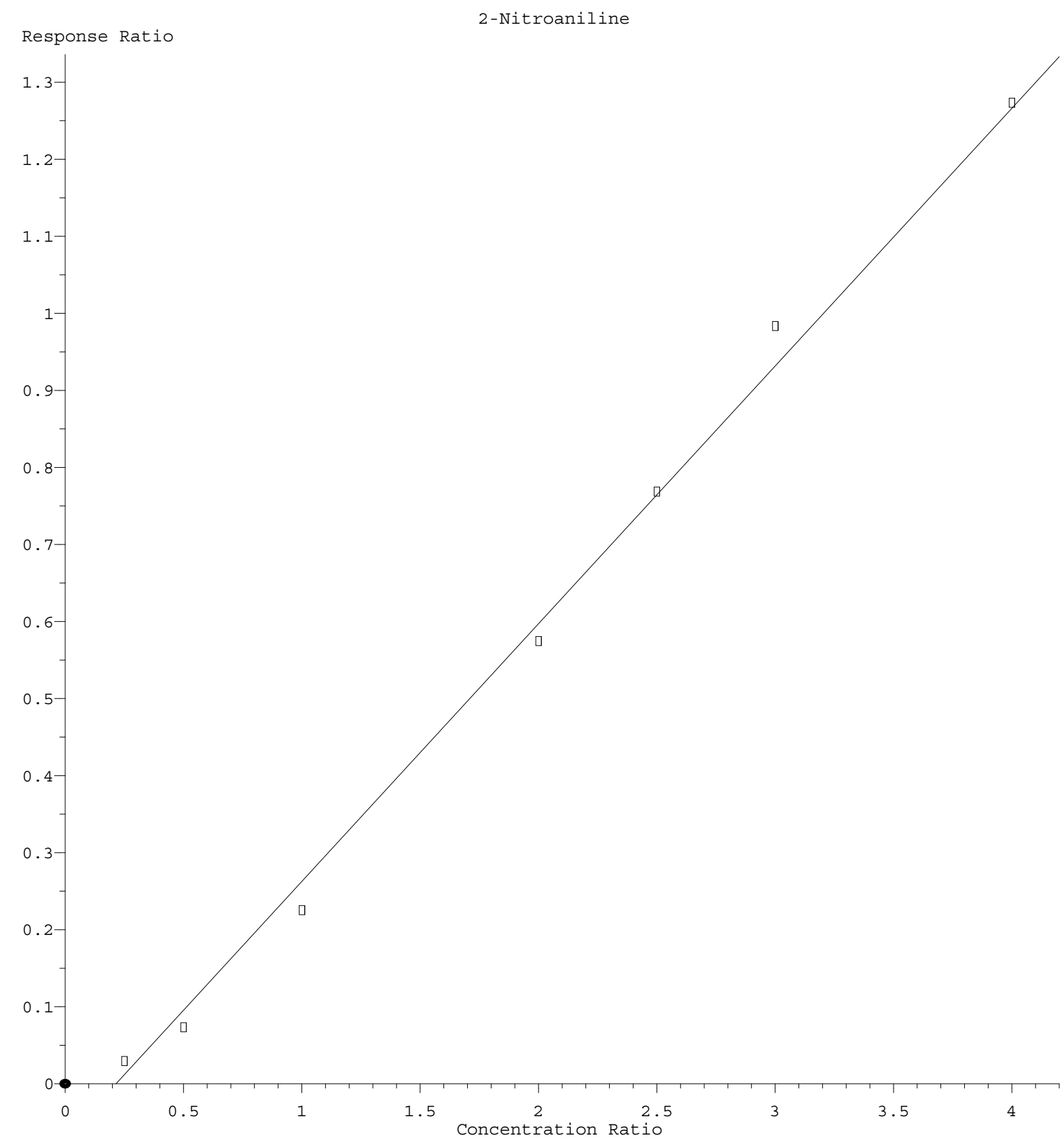
(#) = Out of Range



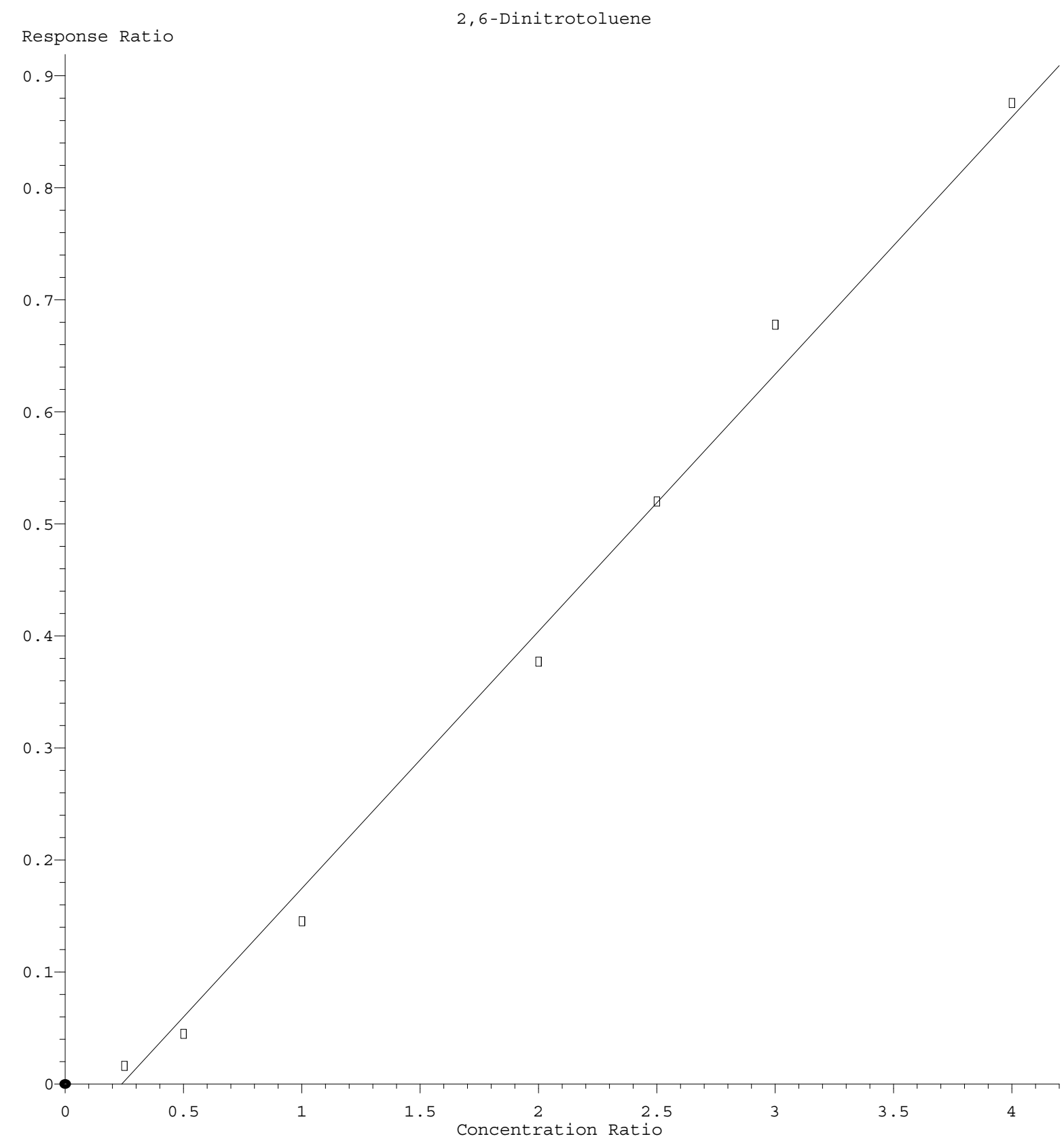
R = 1.371e-002 A*A + 9.780e-002 A - 1.872e-002
Coef of Det (r^2) = 0.995336 Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF082625.M
Calibration Table Last Updated: Tue Aug 26 16:30:52 2025



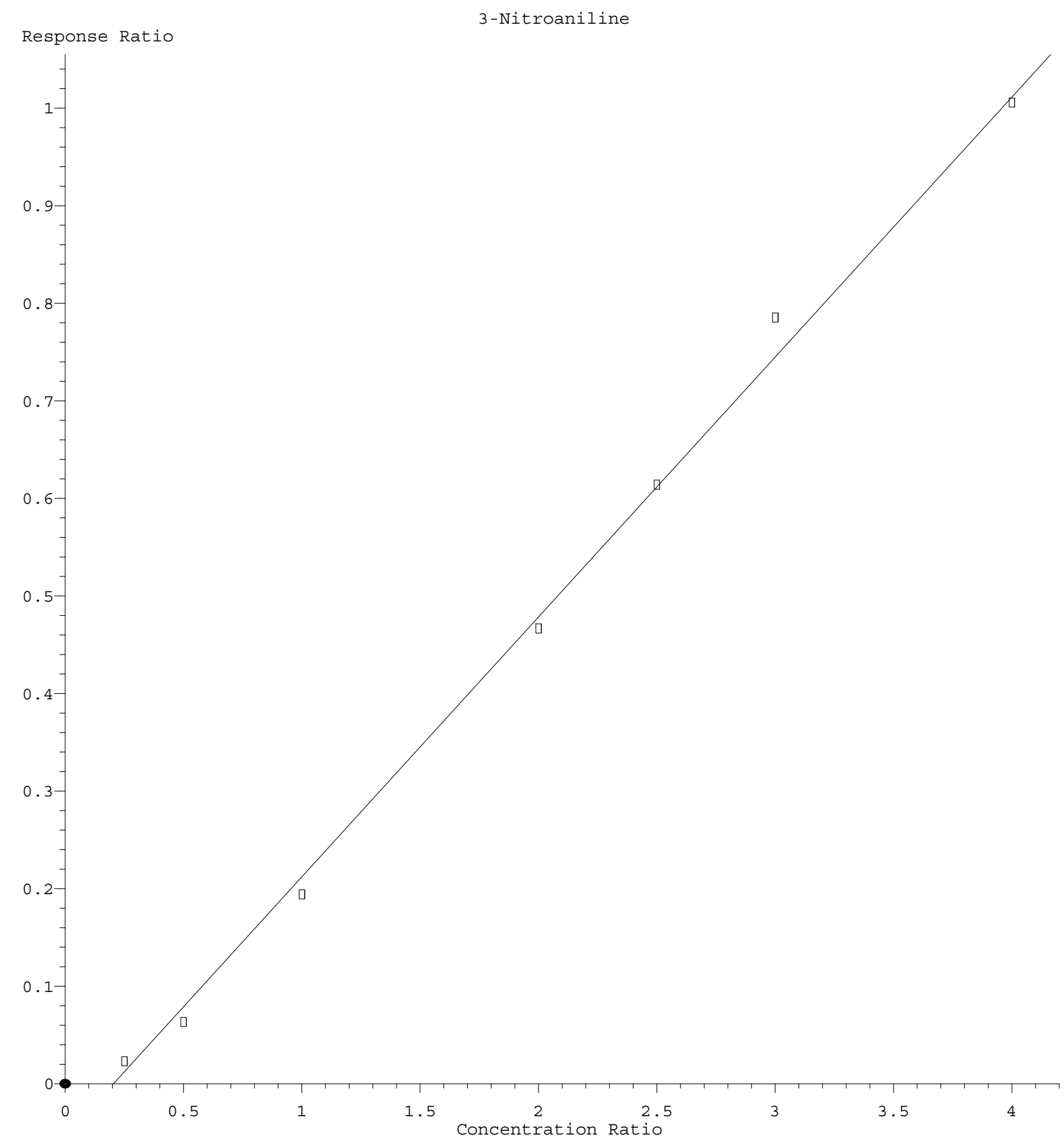
R = 1.220e-002 A*A + 1.383e-001 A - 5.221e-002
Coef of Det (r^2) = 0.993641 Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF082625.M
Calibration Table Last Updated: Tue Aug 26 16:30:52 2025



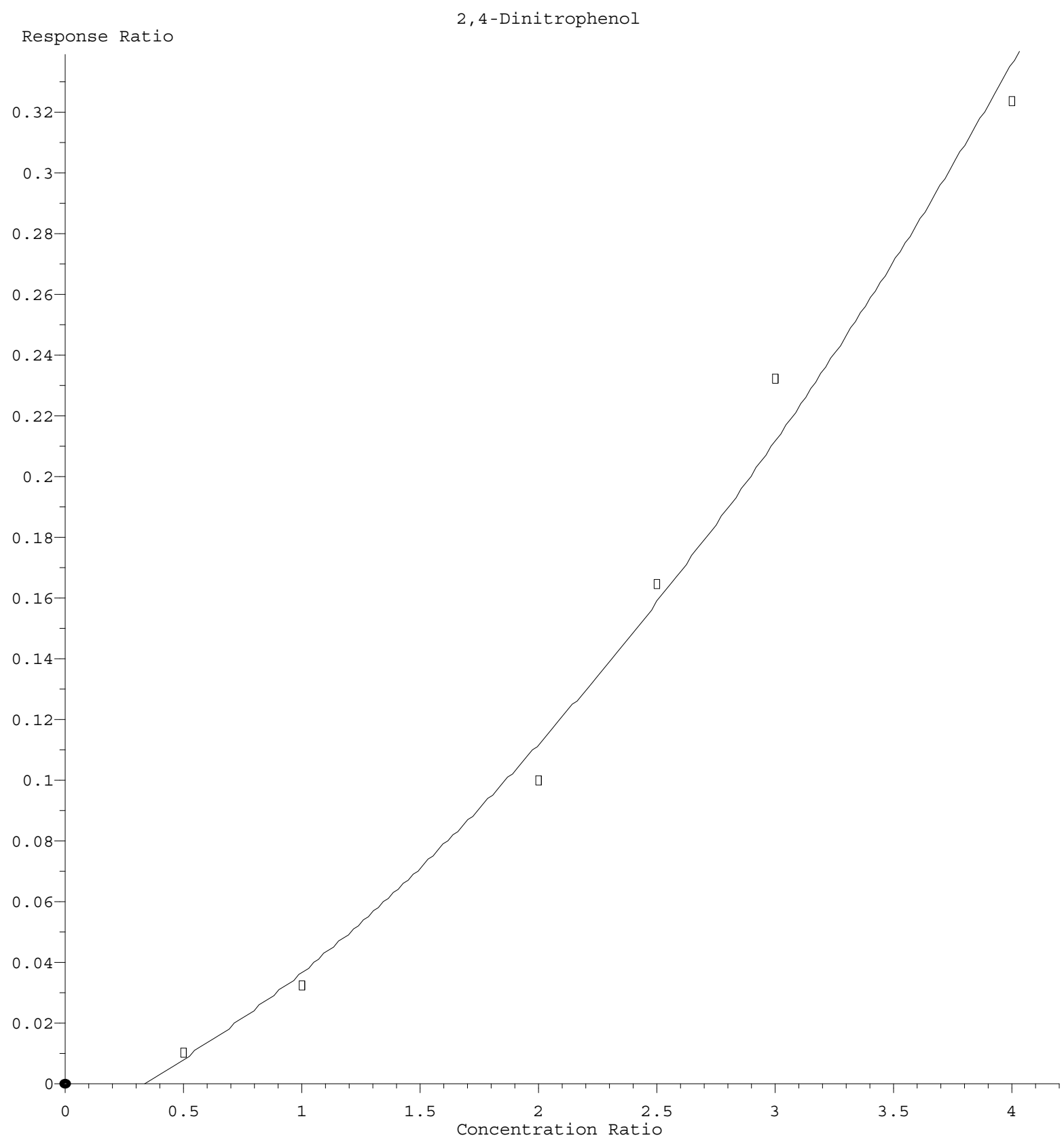
Response = 3.345e-001 * Amt - 7.200e-002
Coef of Det (r^2) = 0.994296 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF082625.M
Calibration Table Last Updated: Tue Aug 26 16:30:52 2025



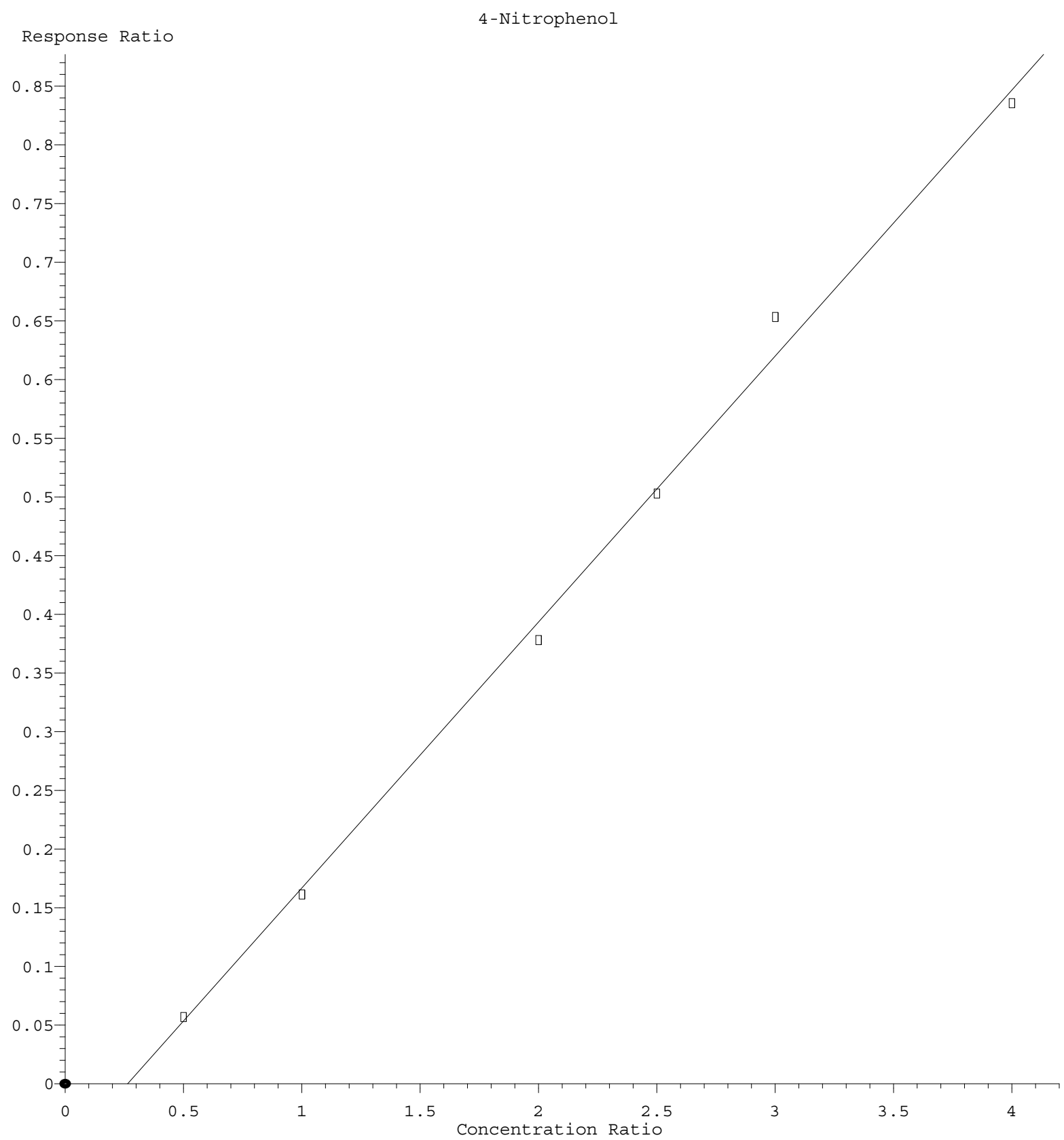
Response = 2.295e-001 * Amt - 5.486e-002
Coef of Det (r^2) = 0.992131 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF082625.M
Calibration Table Last Updated: Tue Aug 26 16:30:52 2025



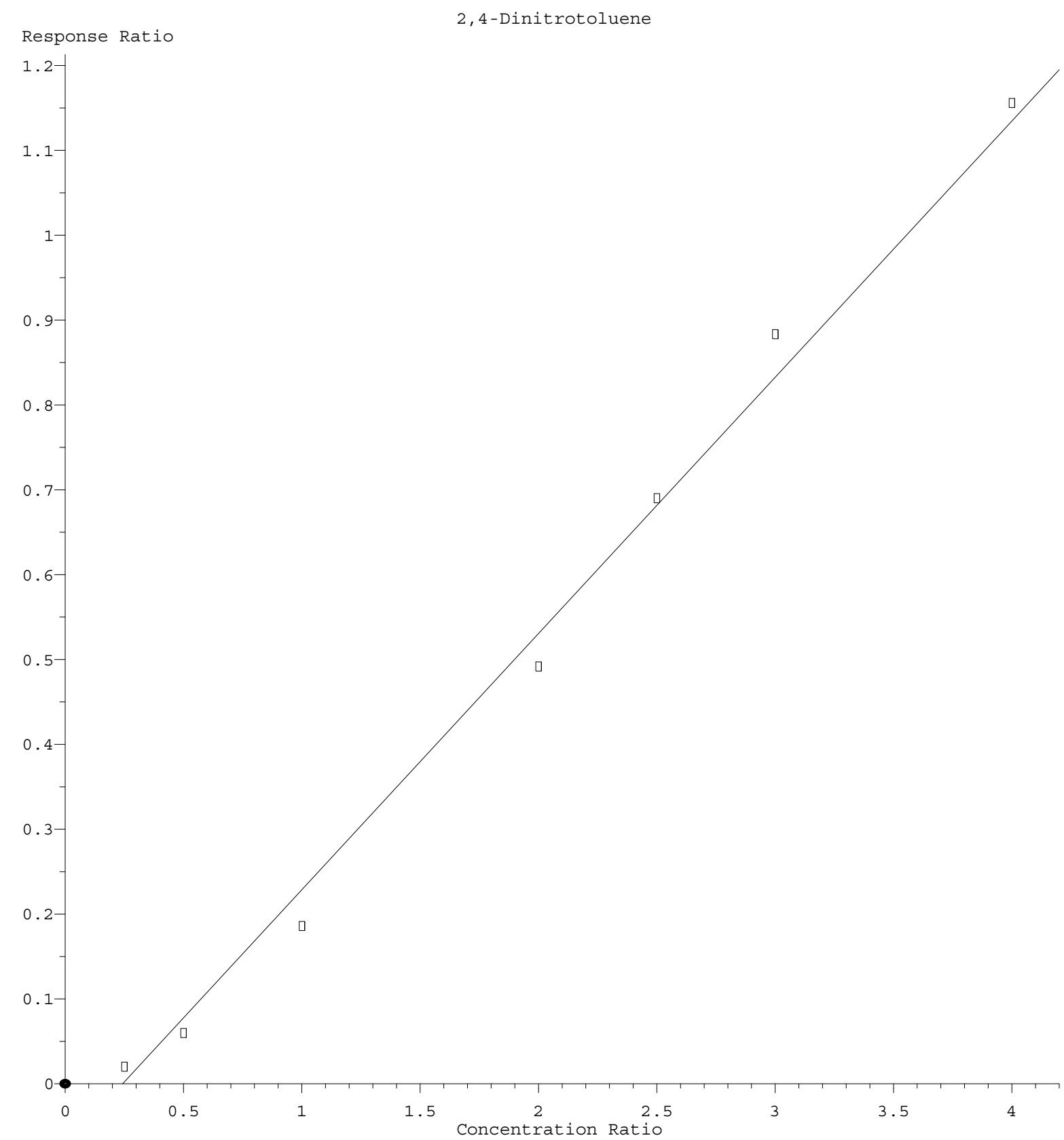
Response = 2.666e-001 * Amt - 5.439e-002
Coef of Det (r^2) = 0.996444 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF082625.M
Calibration Table Last Updated: Tue Aug 26 16:30:52 2025



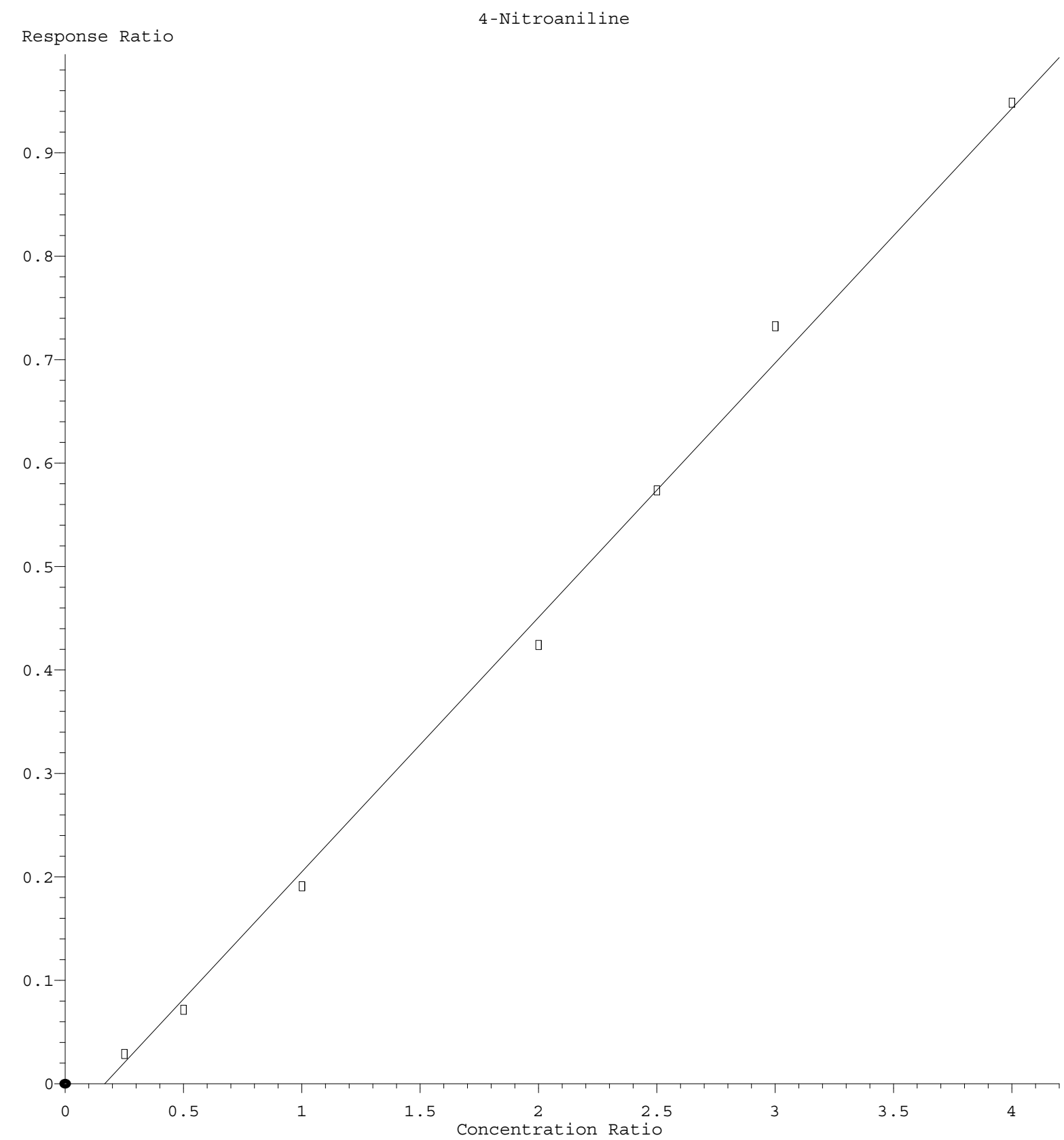
R = 1.227e-002 A*A + 3.842e-002 A - 1.408e-002
Coef of Det (r^2) = 0.992226 Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF082625.M
Calibration Table Last Updated: Tue Aug 26 16:30:52 2025



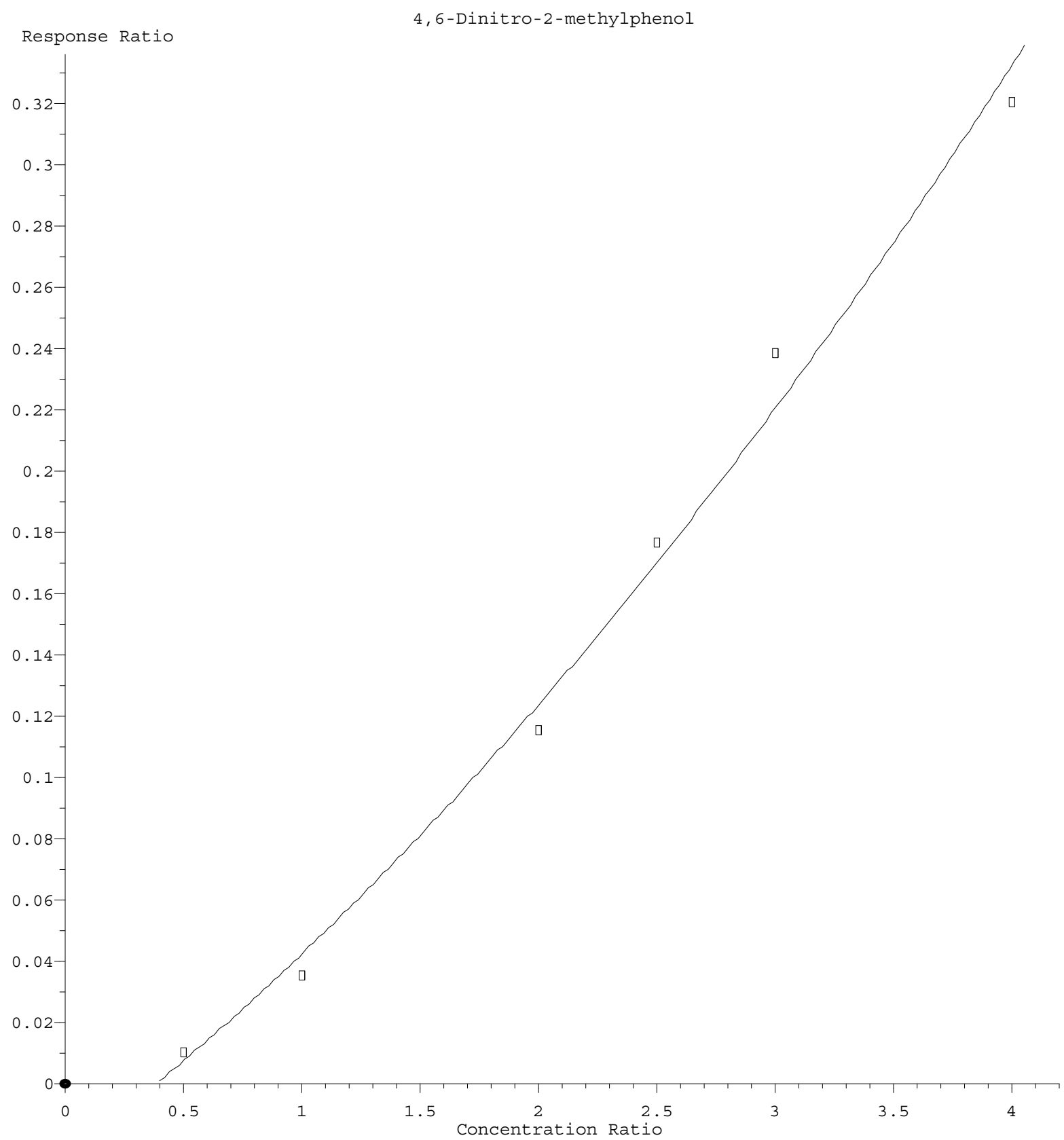
Response = 2.267e-001 * Amt - 5.992e-002
Coef of Det (r^2) = 0.997743 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF082625.M
Calibration Table Last Updated: Tue Aug 26 16:30:52 2025



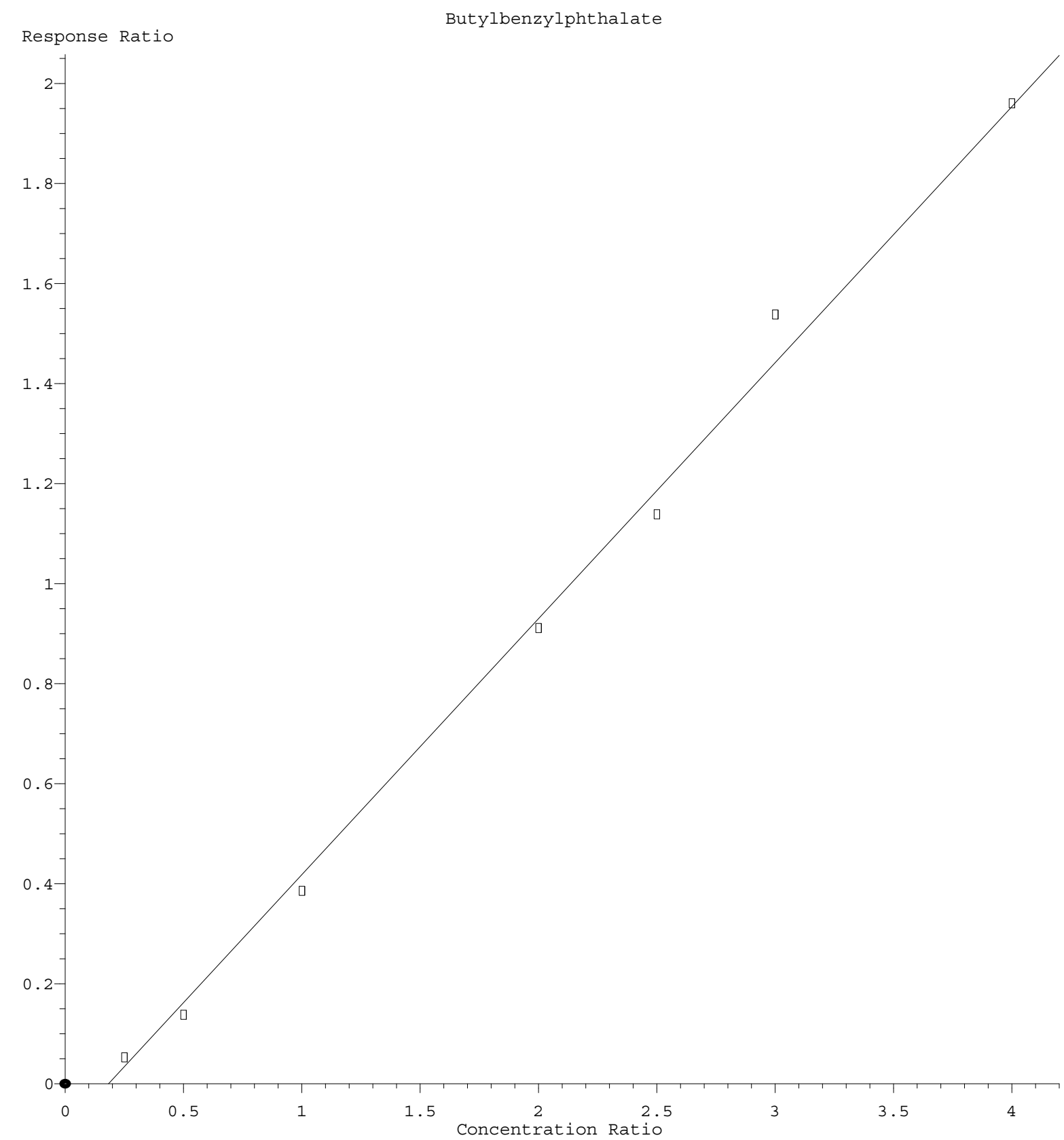
Response = 3.019e-001 * Amt - 7.327e-002
Coef of Det (r^2) = 0.991976 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF082625.M
Calibration Table Last Updated: Tue Aug 26 16:30:52 2025



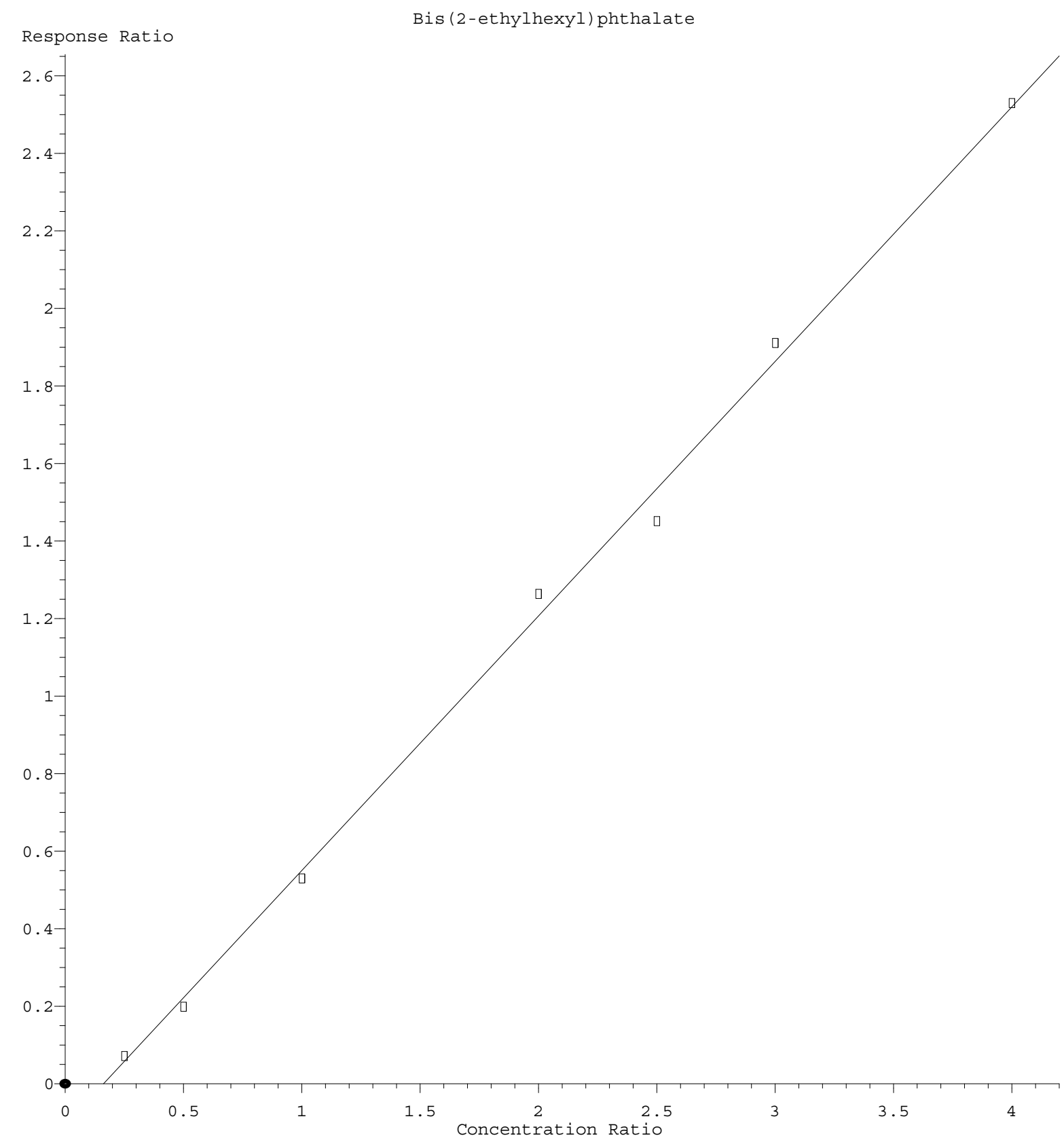
Response = 2.459e-001 * Amt - 4.118e-002
Coef of Det (r^2) = 0.996763 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF082625.M
Calibration Table Last Updated: Tue Aug 26 16:30:52 2025



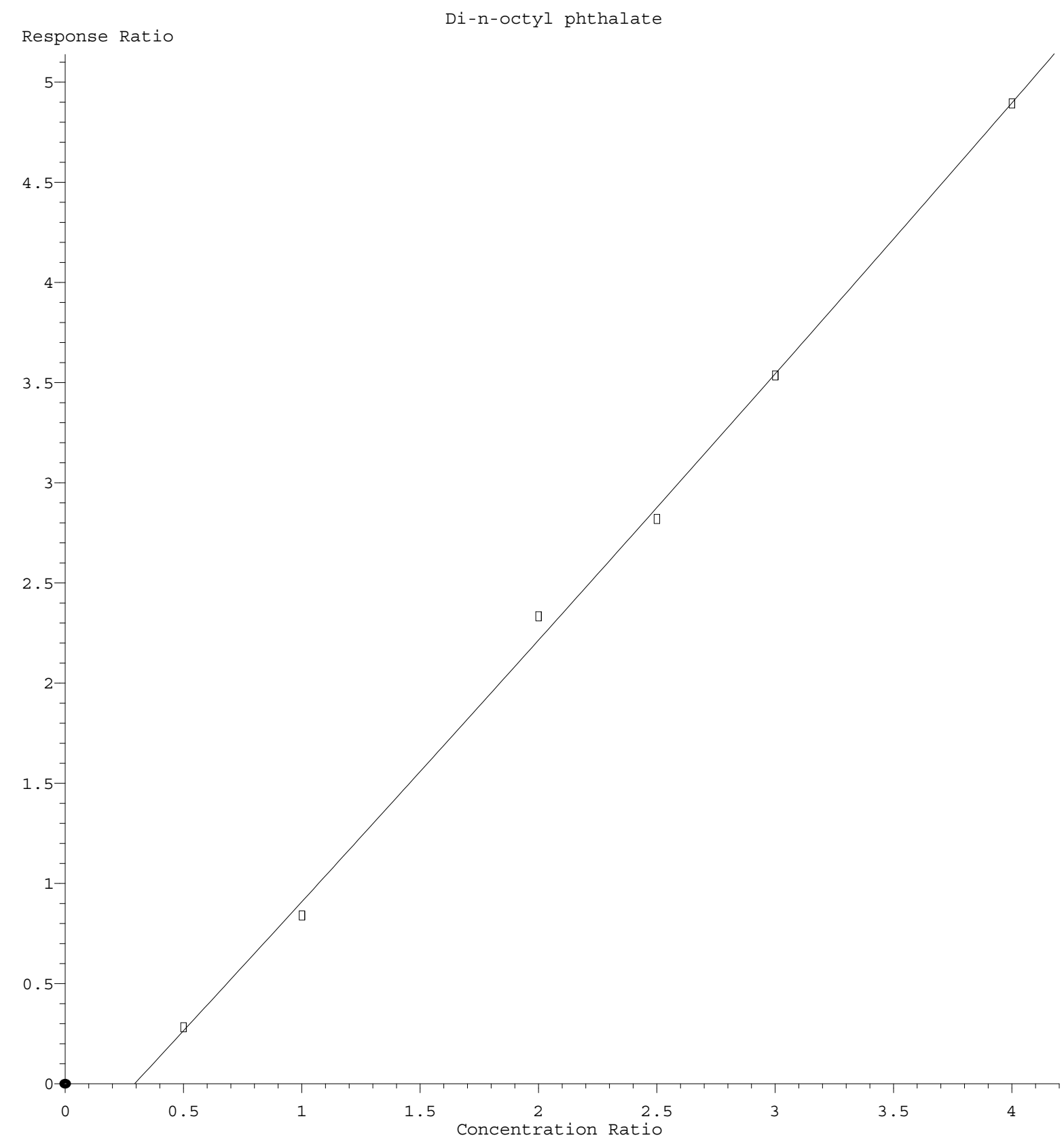
R = 7.699e-003 A*A + 5.823e-002 A - 2.355e-002
Coef of Det (r^2) = 0.993276 Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF082625.M
Calibration Table Last Updated: Tue Aug 26 16:30:52 2025



Response = 5.118e-001 * Amt - 9.385e-002
Coef of Det (r^2) = 0.996039 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF082625.M
Calibration Table Last Updated: Tue Aug 26 16:30:52 2025



Response = 6.565e-001 * Amt - 1.063e-001
Coef of Det (r^2) = 0.997696 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF082625.M
Calibration Table Last Updated: Tue Aug 26 16:30:52 2025



R = 1.165e-002 A*A + 1.271e+000 A - 3.738e-001
Coef of Det (r^2) = 0.998412 Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF082625.M
Calibration Table Last Updated: Tue Aug 26 16:30:52 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143585.D
Acq On : 26 Aug 2025 09:11
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 26 16:10:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	144643	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	555940	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	307538	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	505027	20.000	ng	0.00
76) Chrysene-d12	14.051	240	368174	20.000	ng	0.00
86) Perylene-d12	15.527	264	261580	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.292	70	17341	2.601	ng	97

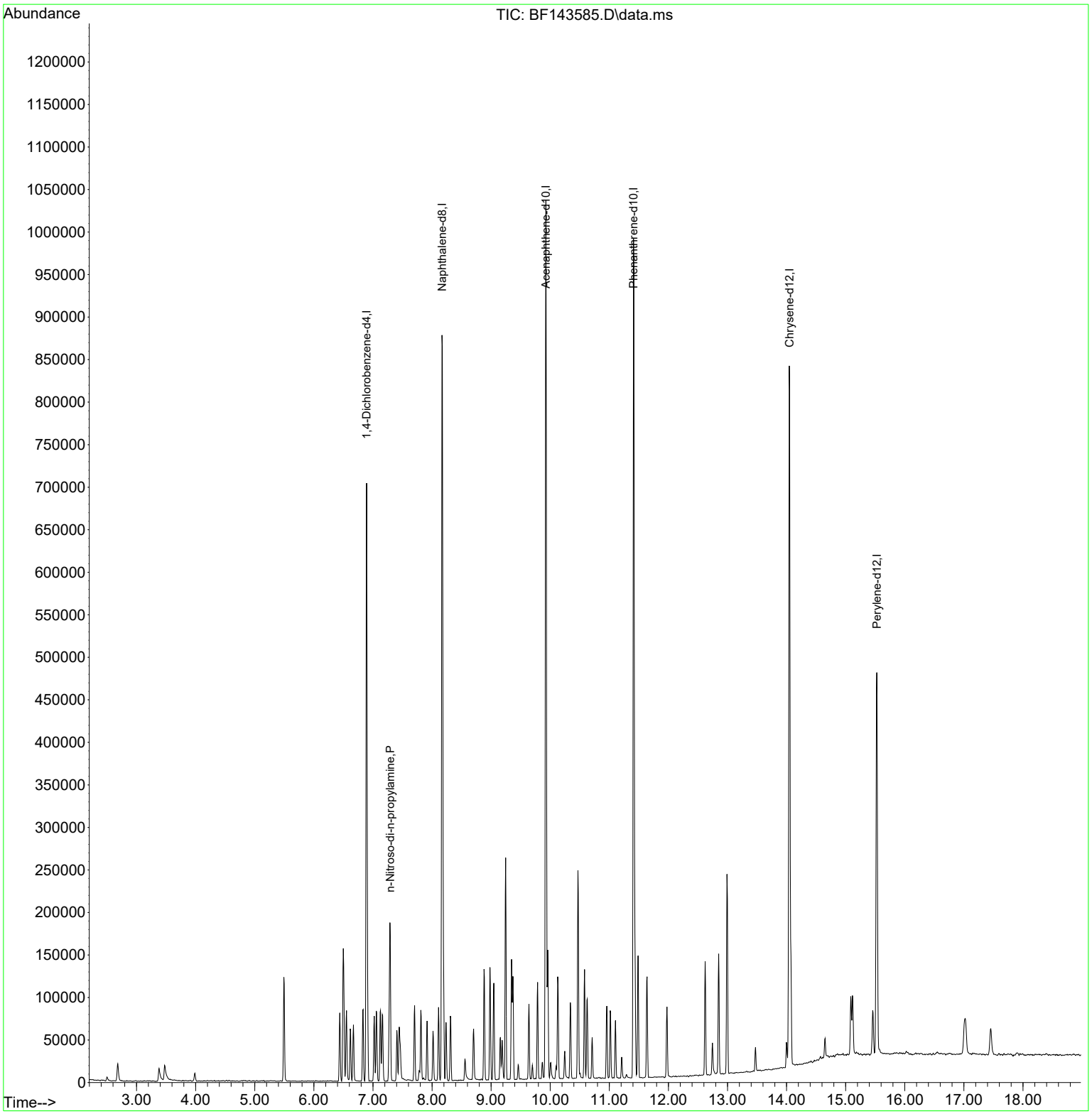
(#) = qualifier out of range (m) = manual integration (+) = signals summed

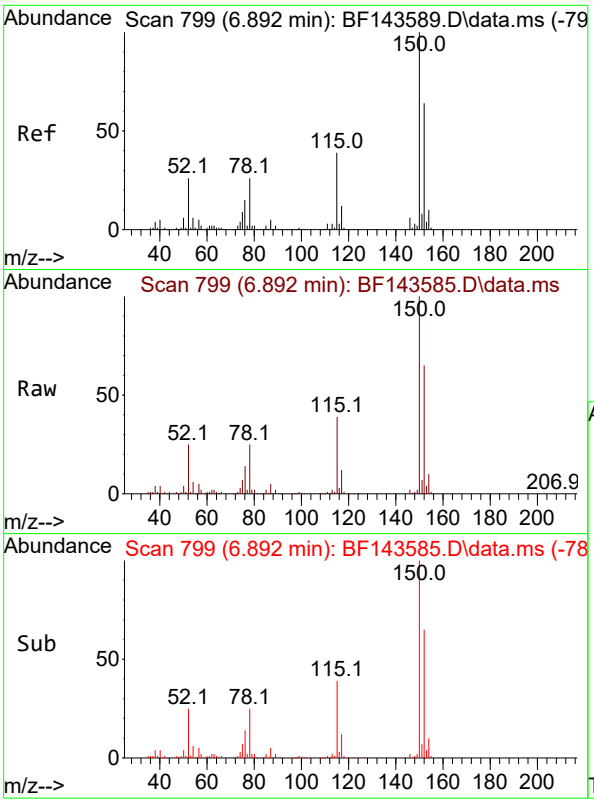
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143585.D
Acq On : 26 Aug 2025 09:11
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 26 16:10:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration



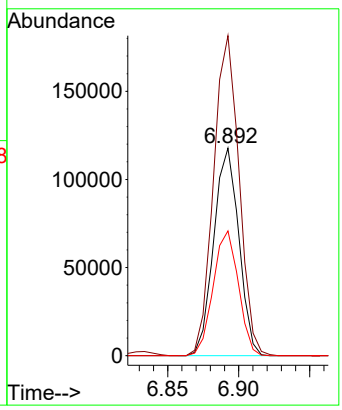


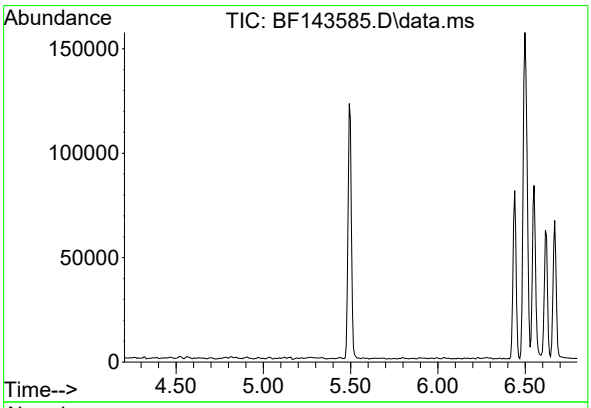
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143585.D
Acq: 26 Aug 2025 09:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 144643

Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.9	187.3
115	60.2	48.0	72.0



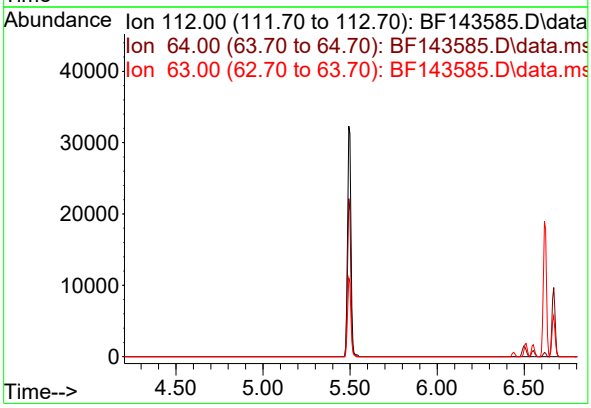


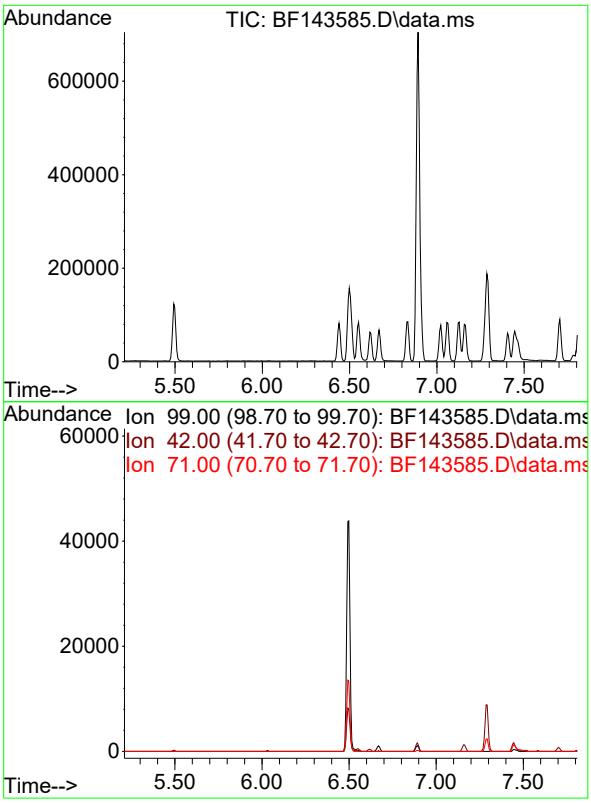
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.50 min

Lab File: BF143585.D
Acq: 26 Aug 2025 09:11

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	68.5
63	34.5





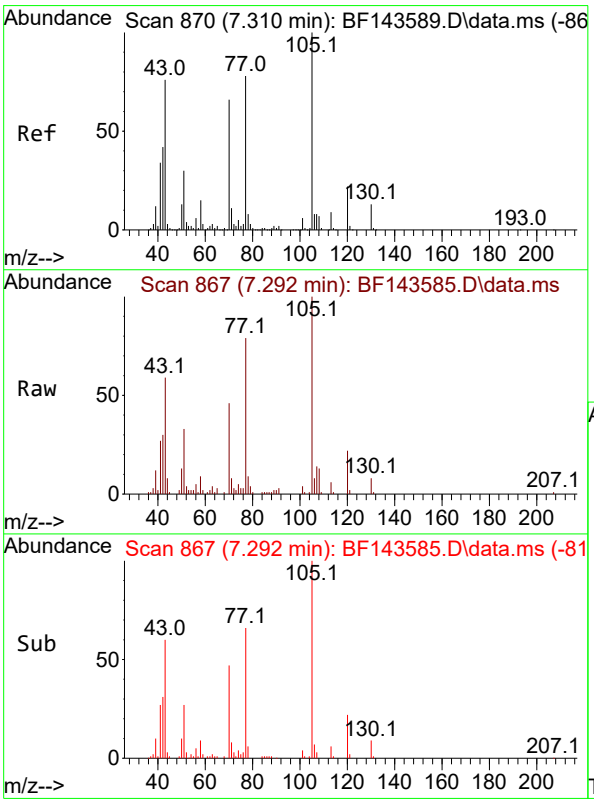
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.51 min

Lab File: BF143585.D
Acq: 26 Aug 2025 09:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

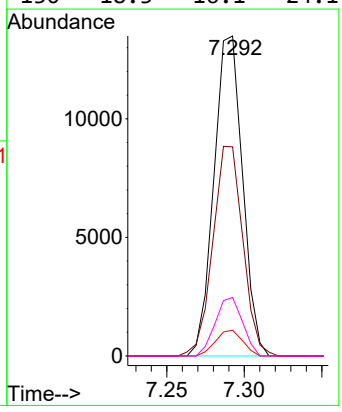
Sig	Exp Ratio
99	100
42	19.9
71	34.0

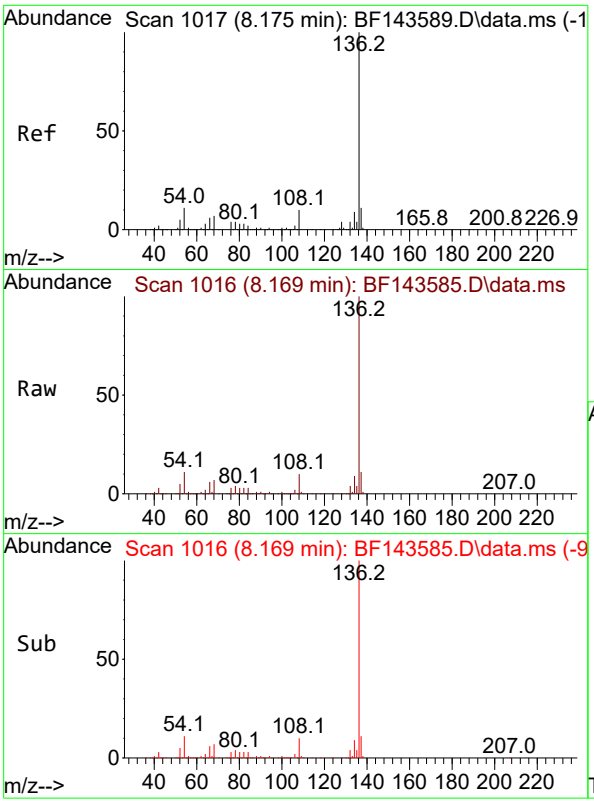


#19
n-Nitroso-di-n-propylamine
Concen: 2.601 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.018 min
Lab File: BF143585.D
Acq: 26 Aug 2025 09:11

Tgt Ion: 70 Resp: 17341

Ion	Ratio	Lower	Upper
70	100		
42	65.4	50.6	75.8
101	8.0	7.5	11.3
130	18.3	16.1	24.1



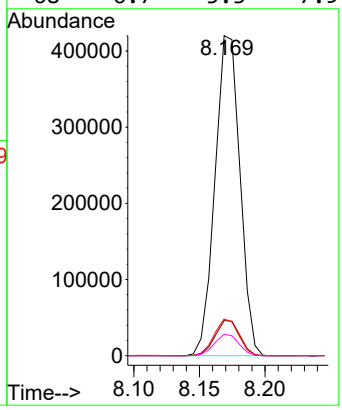


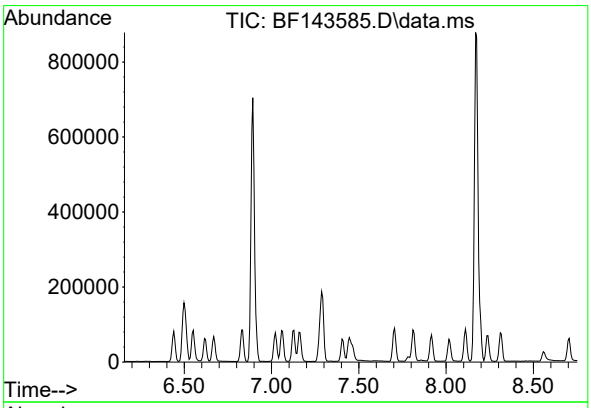
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143585.D
Acq: 26 Aug 2025 09:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 555940

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	11.5	9.0	13.6
68	6.7	5.3	7.9



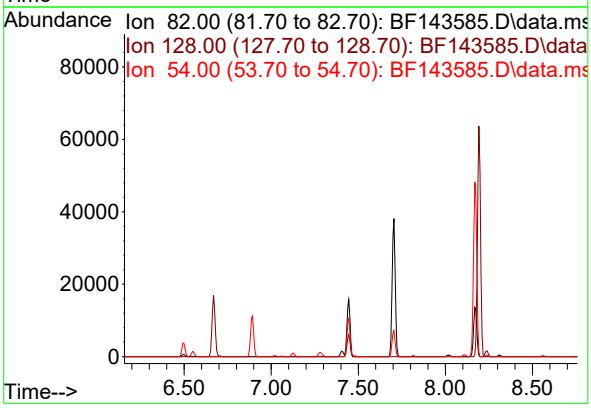


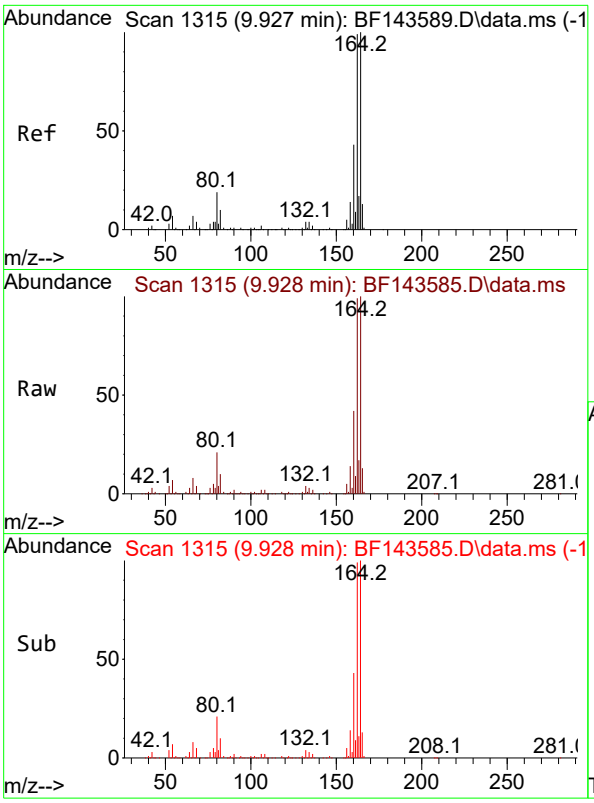
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.46 min

Lab File: BF143585.D
Acq: 26 Aug 2025 09:11

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	41.8
54	61.6



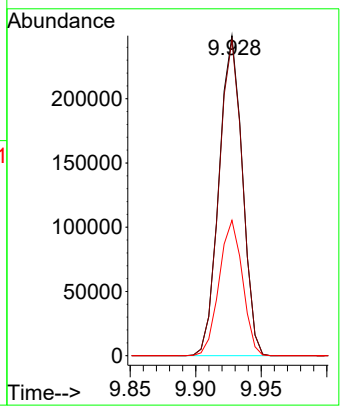


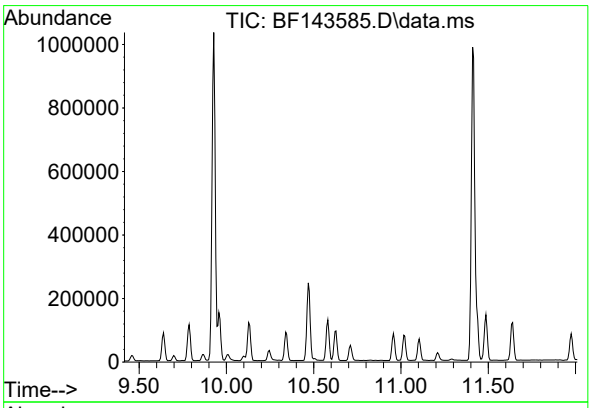
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1
Delta R.T. 0.001 min
Lab File: BF143585.D
Acq: 26 Aug 2025 09:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 307538

Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.5	119.3
160	42.3	34.2	51.4



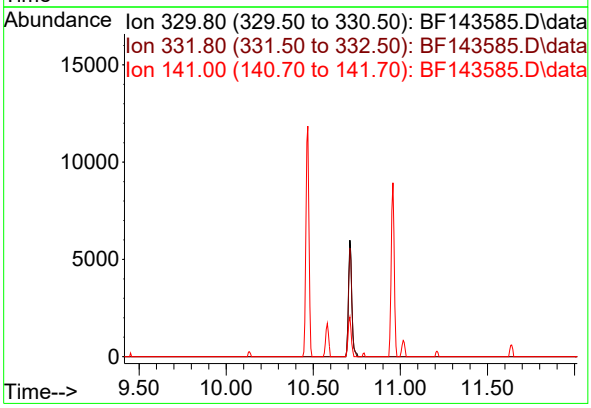


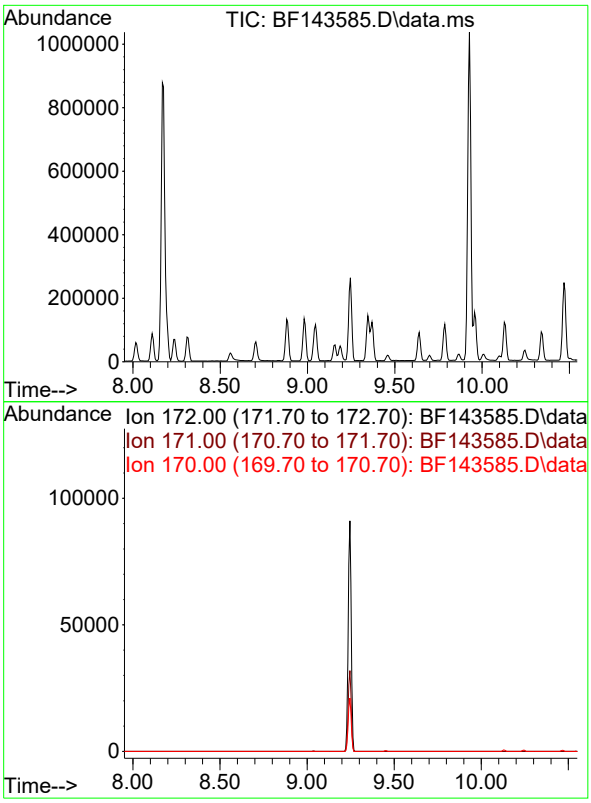
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.72 min

Lab File: BF143585.D
Acq: 26 Aug 2025 09:11

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.8
141	31.7





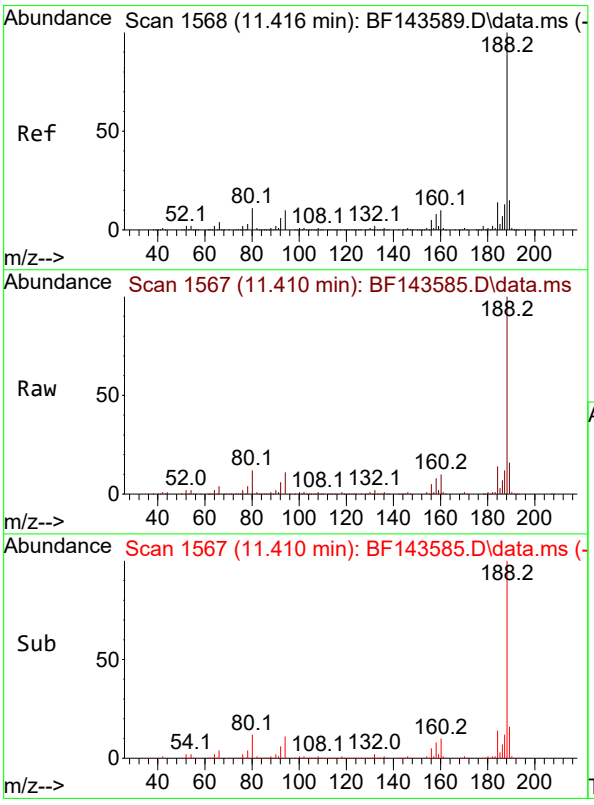
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.25 min

Lab File: BF143585.D
Acq: 26 Aug 2025 09:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

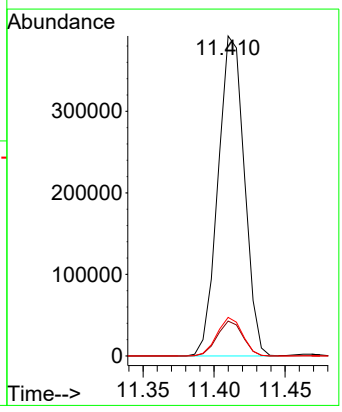
Sig	Exp Ratio
172	100
171	35.4
170	23.7

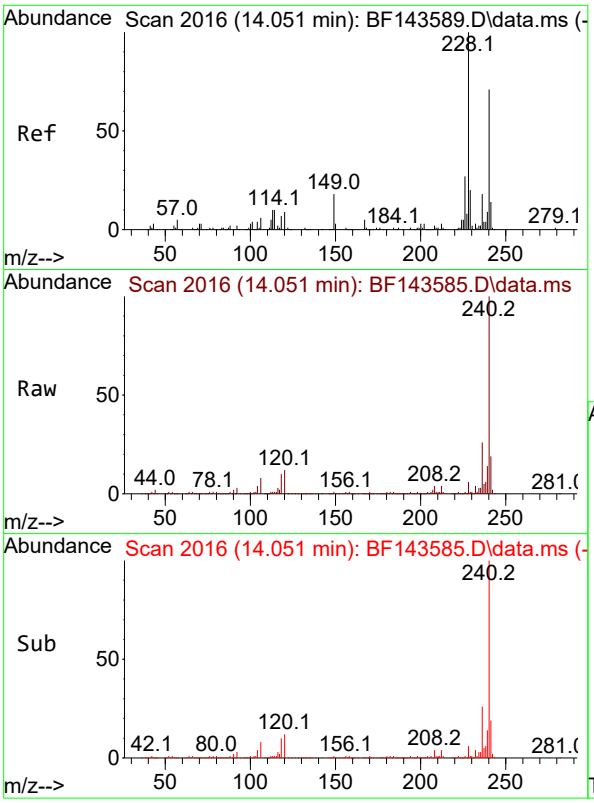


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143585.D
Acq: 26 Aug 2025 09:11

Tgt Ion:188 Resp: 505027

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.2	12.4
80	12.1	8.9	13.3



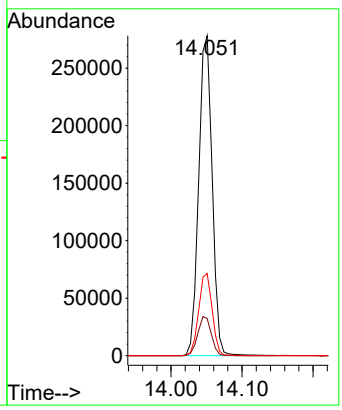


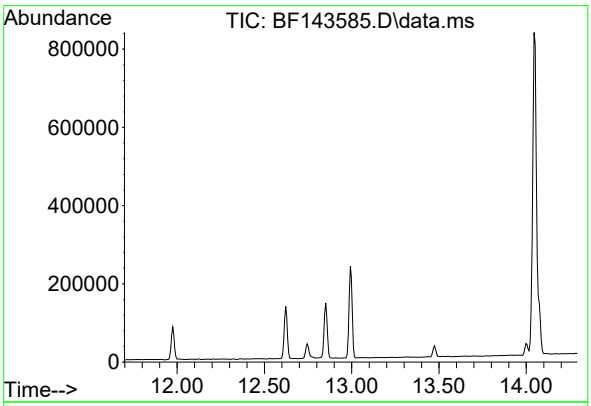
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143585.D
Acq: 26 Aug 2025 09:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 368174

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.6	14.4
236	25.7	20.2	30.2



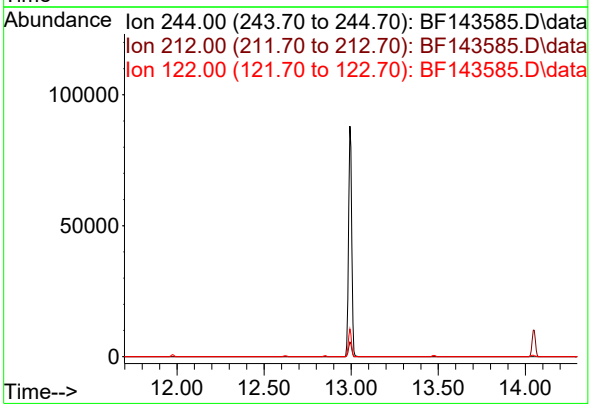


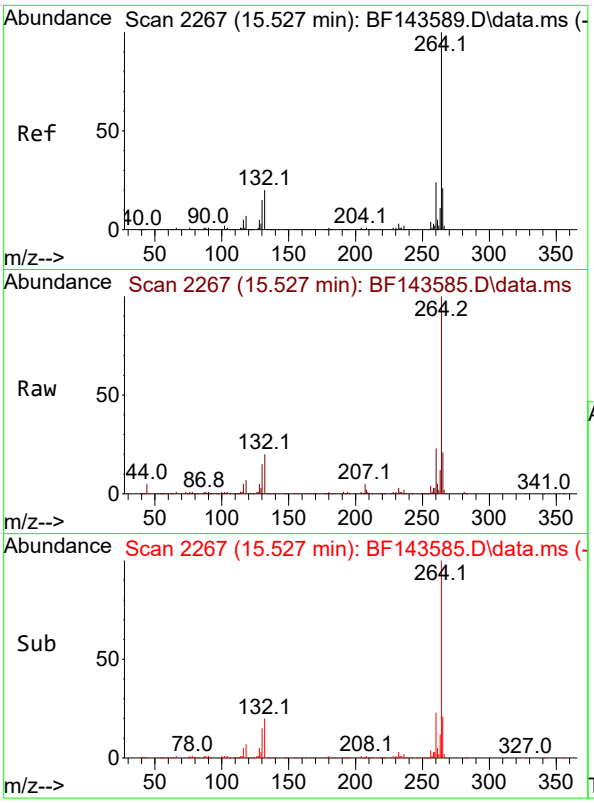
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.00 min

Lab File: BF143585.D
Acq: 26 Aug 2025 09:11

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	6.9
122	11.0



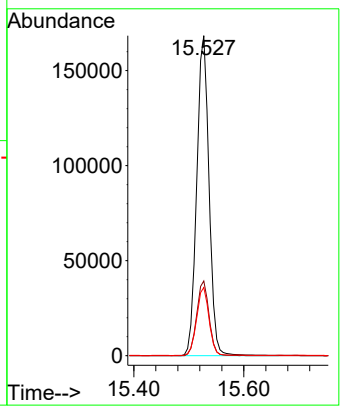


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143585.D
Acq: 26 Aug 2025 09:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 261580

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.3	17.0	25.4



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143586.D
Acq On : 26 Aug 2025 09:39
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Aug 26 16:10:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	137604	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	530841	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	296527	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	484752	20.000	ng		0.00
76) Chrysene-d12	14.051	240	349462	20.000	ng		0.00
86) Perylene-d12	15.527	264	232024	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	85626	10.591	ng		0.00
7) Phenol-d6	6.498	99	108978	10.883	ng		-0.01
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng		
42) 2,4,6-Tribromophenol	10.710	330	19203	8.281	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	208234	12.007	ng		0.00
79) Terphenyl-d14	12.992	244	209489	10.757	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	20838	5.268	ng		98
3) Pyridine	3.457	79	41906	4.219	ng		95
6) Aniline	6.551	93	72807	5.208	ng		98
8) 2-Chlorophenol	6.669	128	43167	5.047	ng		99
10) Phenol	6.510	94	59393	5.288	ng		98
11) bis(2-Chloroethyl)ether	6.622	93	46719	5.429	ng		98
12) 1,3-Dichlorobenzene	6.834	146	54163	5.513	ng		97
13) 1,4-Dichlorobenzene	6.910	146	55549	5.607	ng		98
14) 1,2-Dichlorobenzene	7.063	146	51385	5.468	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	90211	5.679	ng		99
17) 2-Methylphenol	7.128	107	37799	5.205	ng		98
18) Hexachloroethane	7.404	117	15528	4.933	ng		96
19) n-Nitroso-di-n-propyla...	7.293	70	33685	5.310	ng		96
22) Acetophenone	7.293	105	68058	5.693	ng		99
24) Nitrobenzene	7.463	77	28733	3.605	ng		96
25) Isophorone	7.704	82	92089	5.293	ng		99
26) 2-Nitrophenol	7.787	139	5683	5.784	ng		92
27) 2,4-Dimethylphenol	7.816	122	38776	5.122	ng		97
28) bis(2-Chloroethoxy)met...	7.916	93	57170	5.431	ng		99
29) 2,4-Dichlorophenol	8.016	162	34103	4.676	ng		97
30) 1,2,4-Trichlorobenzene	8.110	180	41386	5.435	ng		98
31) Naphthalene	8.192	128	145725	5.682	ng		100
33) 4-Chloroaniline	8.240	127	49519	5.465	ng		97
34) Hexachlorobutadiene	8.316	225	26425	5.507	ng		99
36) 4-Chloro-3-methylphenol	8.704	107	37379	4.902	ng		99
37) 2-Methylnaphthalene	8.881	142	96440	5.694	ng		100
38) 1-Methylnaphthalene	8.981	142	92160	5.638	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	42720	5.539	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	21122	4.144	ng		98
44) 2,4,5-Trichlorophenol	9.187	196	23519	4.567	ng		96
46) 1,1'-Biphenyl	9.345	154	117730	5.722	ng		99
47) 2-Chloronaphthalene	9.369	162	89667	5.517	ng		99
48) 2-Nitroaniline	9.457	65	8738	6.067	ng	#	82
49) Acenaphthylene	9.786	152	131370	5.555	ng		99
50) Dimethylphthalate	9.639	163	97046	5.321	ng		100
51) 2,6-Dinitrotoluene	9.698	165	4804	6.193	ng	#	77

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143586.D
Acq On : 26 Aug 2025 09:39
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Aug 26 16:10:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	9.957	154	86628	5.592	ng		98
53) 3-Nitroaniline	9.869	138	6831	5.808	ng	#	82
55) Dibenzofuran	10.128	168	127210	5.601	ng		98
57) 2,4-Dinitrotoluene	10.098	165	5975	6.189	ng	#	80
58) Fluorene	10.475	166	101422	5.948	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	14083	3.699	ng	#	98
60) Diethylphthalate	10.339	149	90386	5.288	ng		98
61) 4-Chlorophenyl-phenyle...	10.469	204	48597	5.828	ng		96
62) 4-Nitroaniline	10.469	138	8525	5.688	ng		85
63) Azobenzene	10.622	77	94097	5.430	ng		98
66) n-Nitrosodiphenylamine	10.581	169	84087	5.453	ng		97
67) 4-Bromophenyl-phenylether	10.957	248	27033	5.156	ng		98
68) Hexachlorobenzene	11.016	284	29981	5.346	ng		94
69) Atrazine	11.104	200	21668	4.889	ng		97
71) Phenanthrene	11.433	178	148228	5.711	ng		98
72) Anthracene	11.486	178	148171	5.665	ng		98
73) Carbazole	11.639	167	130648	5.779	ng		99
74) Di-n-butylphthalate	11.975	149	116439	5.056	ng		99
75) Fluoranthene	12.622	202	142545	6.015	ng		98
78) Pyrene	12.851	202	150423	5.143	ng		99
80) Butylbenzylphthalate	13.474	149	18457	5.732	ng		90
81) Benzo(a)anthracene	14.039	228	119294	5.426	ng		97
83) Chrysene	14.074	228	108288	5.285	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	24938	5.412	ng		98
87) Indeno(1,2,3-cd)pyrene	17.004	276	65396	4.143	ng		97
88) Benzo(b)fluoranthene	15.086	252	78541	5.924	ng		98
89) Benzo(k)fluoranthene	15.116	252	67793	5.469	ng		99
90) Benzo(a)pyrene	15.457	252	58428	4.988	ng		99
91) Dibenzo(a,h)anthracene	17.027	278	56842	4.400	ng		96
92) Benzo(g,h,i)perylene	17.457	276	54208	4.238	ng		96

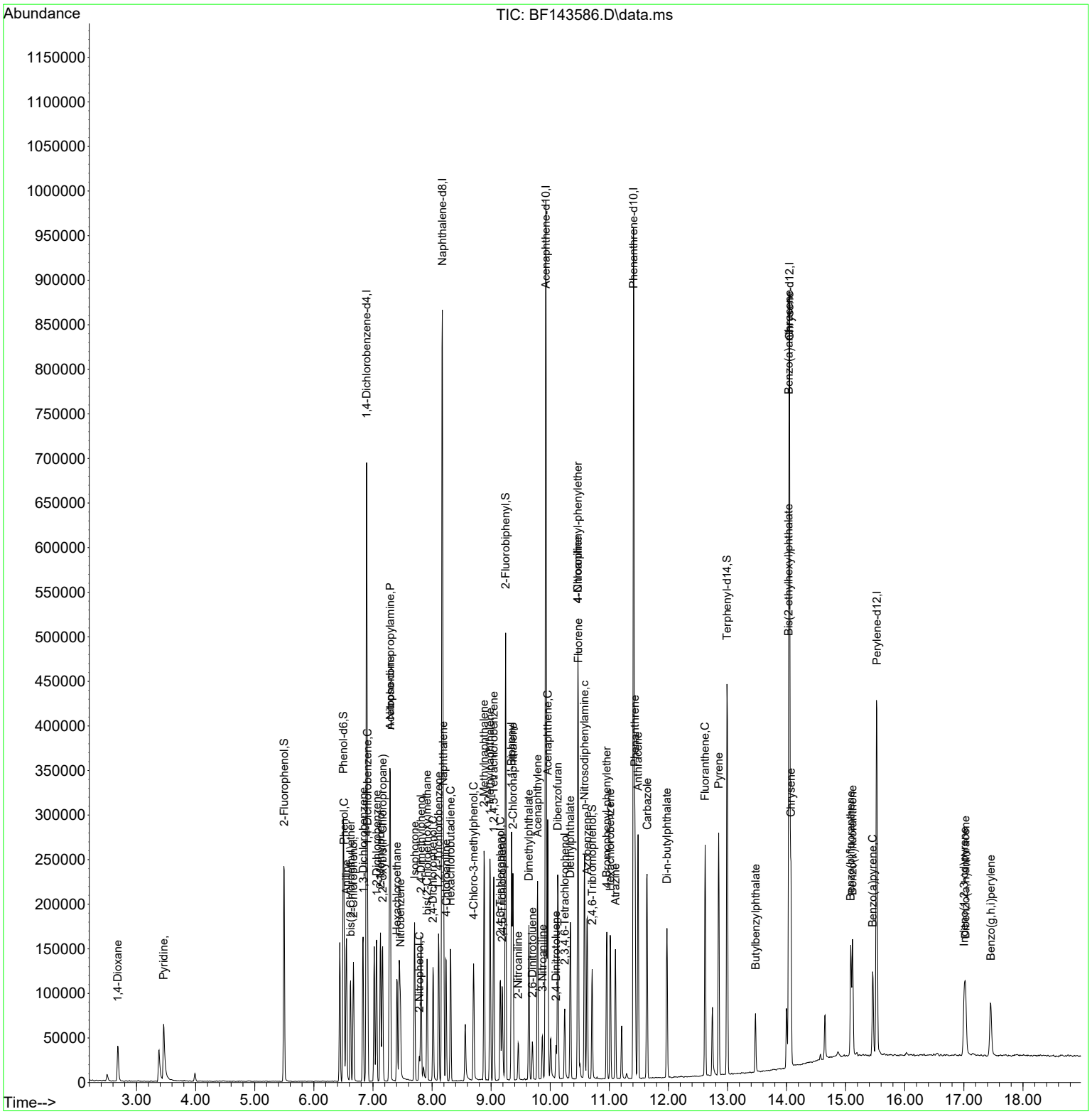
(#) = qualifier out of range (m) = manual integration (+) = signals summed

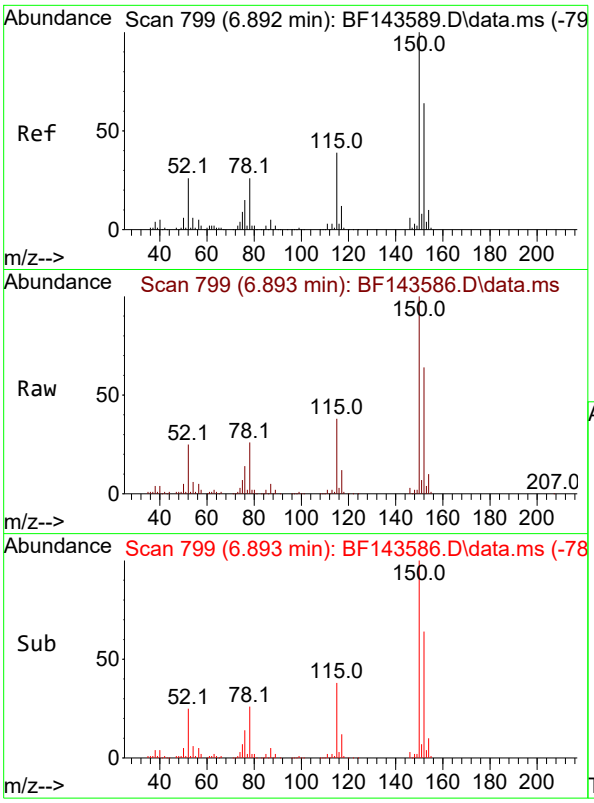
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143586.D
Acq On : 26 Aug 2025 09:39
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Aug 26 16:10:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration



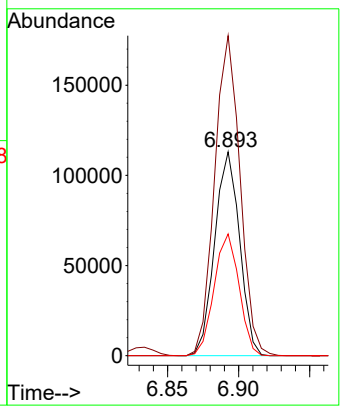


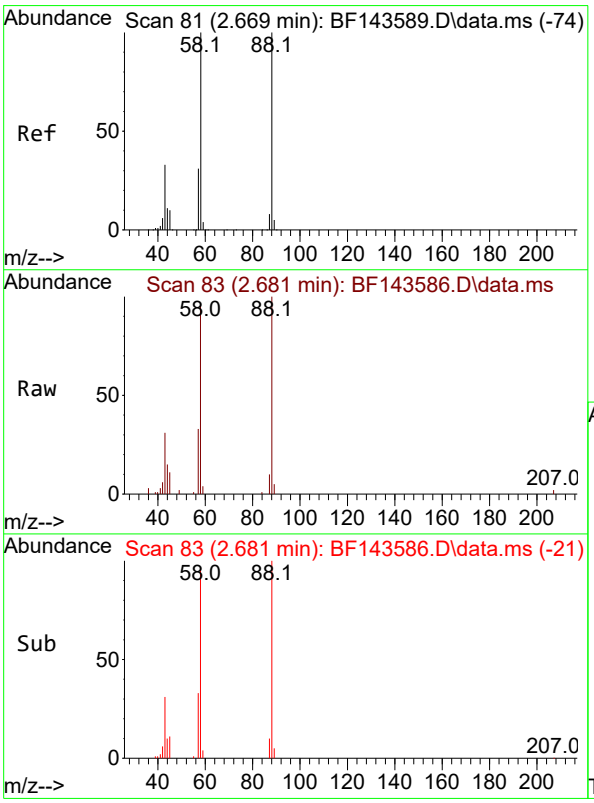
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 7
Delta R.T. 0.001 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 137604

Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.9	187.3
115	59.7	48.0	72.0

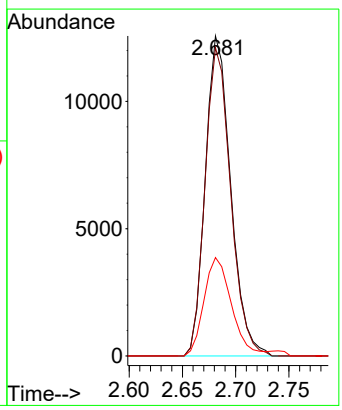


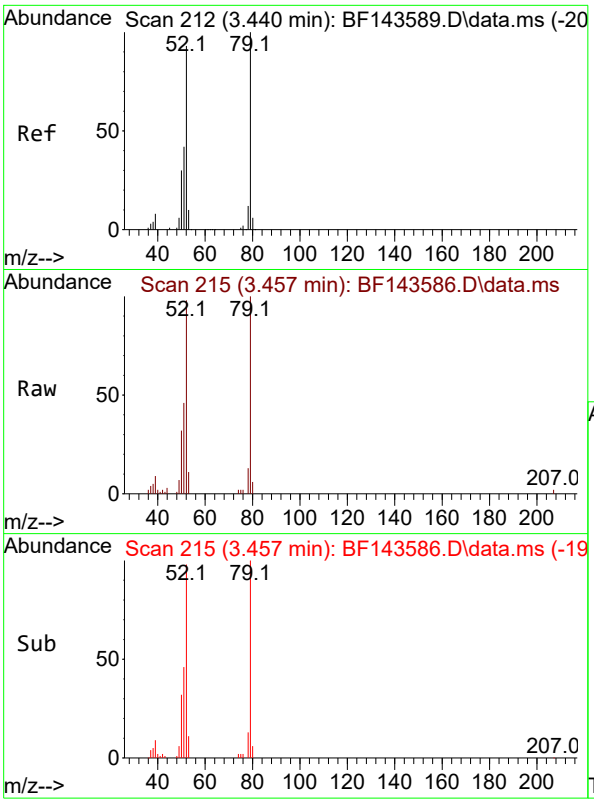


#2
1,4-Dioxane
Concen: 5.268 ng
RT: 2.681 min Scan# 83
Delta R.T. 0.012 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 88 Resp: 20838

Ion	Ratio	Lower	Upper
88	100		
58	96.9	79.2	118.8
43	33.3	26.2	39.2



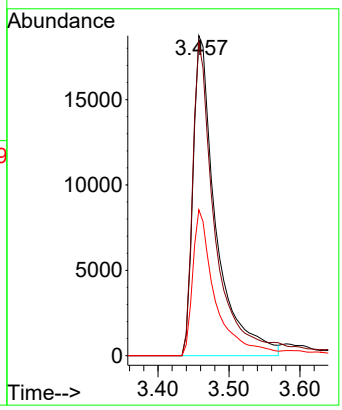


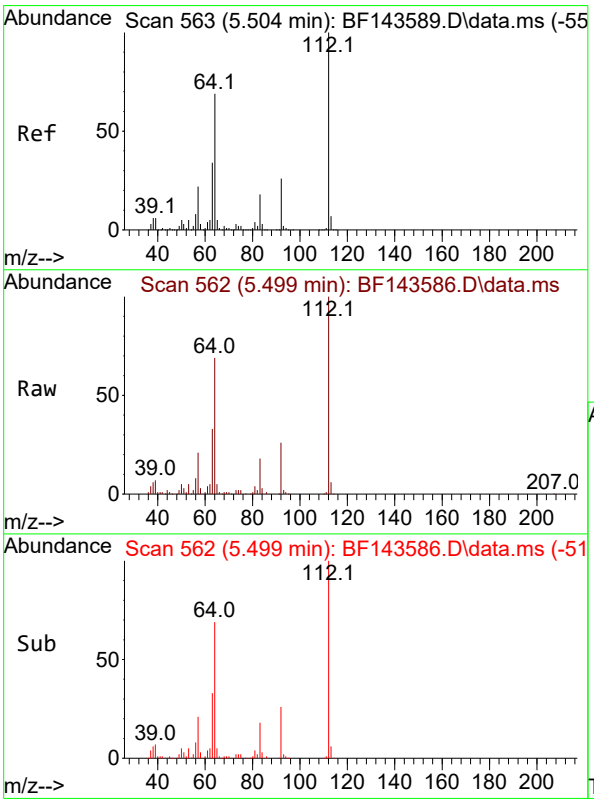
#3
Pyridine
Concen: 4.219 ng
RT: 3.457 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 41906

Ion	Ratio	Lower	Upper
79	100		
52	97.9	74.3	111.5
51	45.6	33.5	50.3

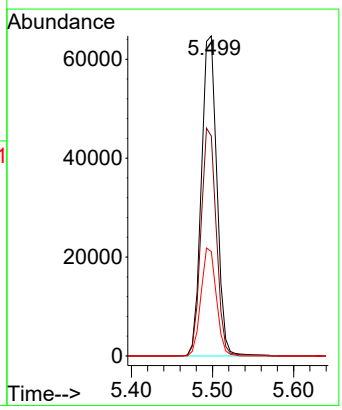


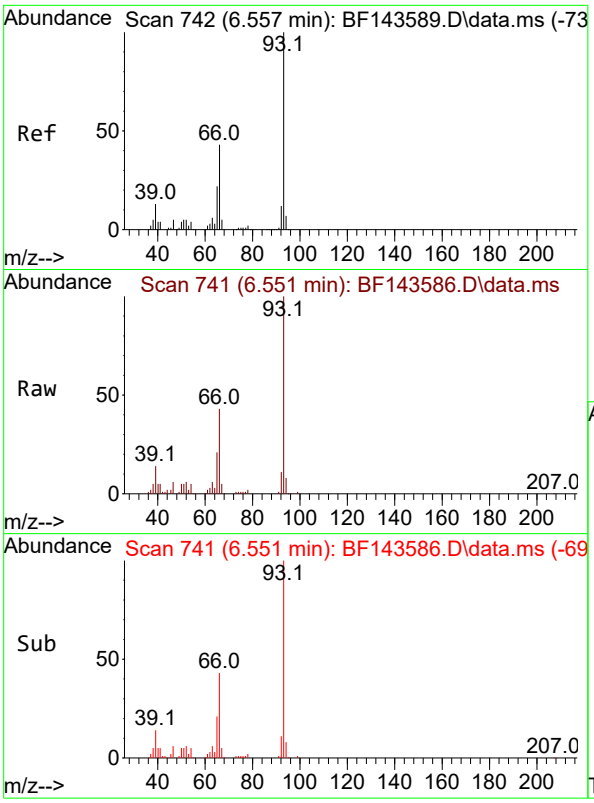


#5
2-Fluorophenol
Concen: 10.591 ng
RT: 5.499 min Scan# 562
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion:112 Resp: 85626

Ion	Ratio	Lower	Upper
112	100		
64	68.7	54.8	82.2
63	32.6	27.6	41.4



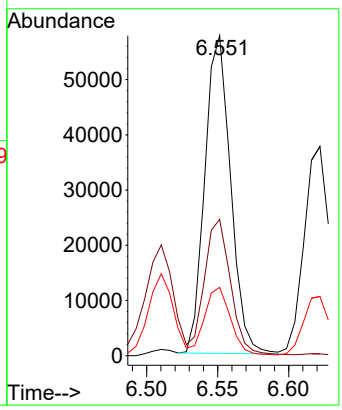


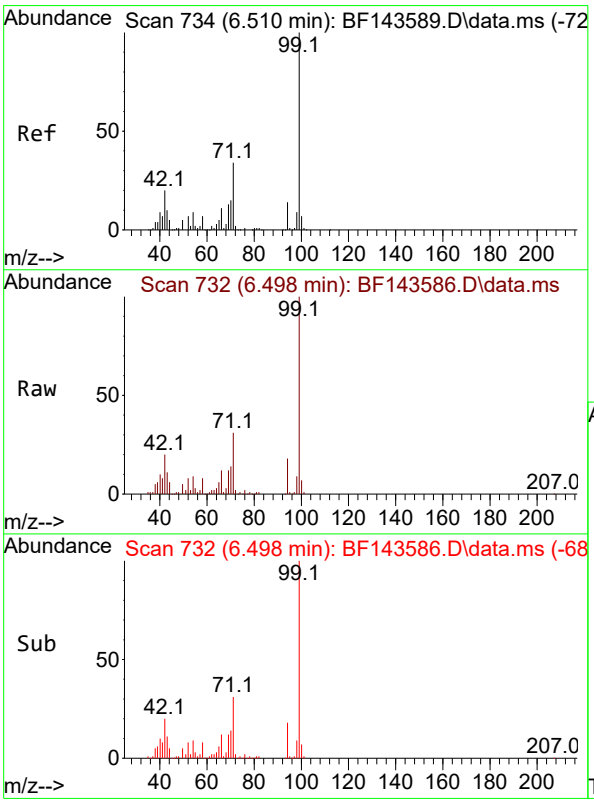
#6
Aniline
Concen: 5.208 ng
RT: 6.551 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 72807

Ion	Ratio	Lower	Upper
93	100		
66	42.6	35.0	52.4
65	21.3	17.5	26.3

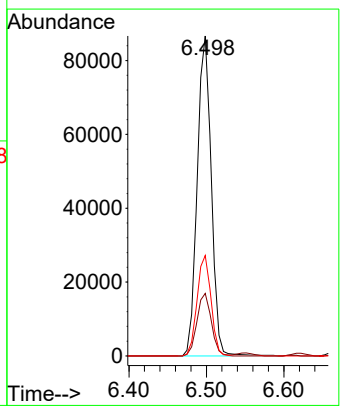


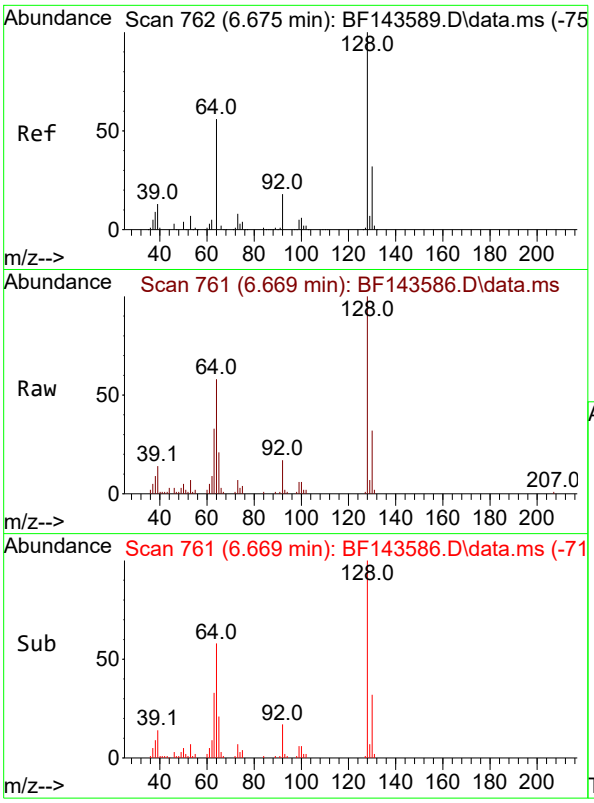


#7
Phenol-d6
Concen: 10.883 ng
RT: 6.498 min Scan# 732
Delta R.T. -0.012 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 99 Resp: 108978

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.9	23.9
71	31.4	27.2	40.8



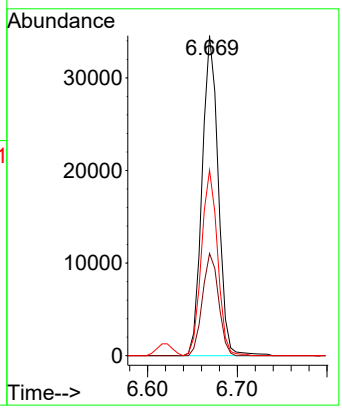


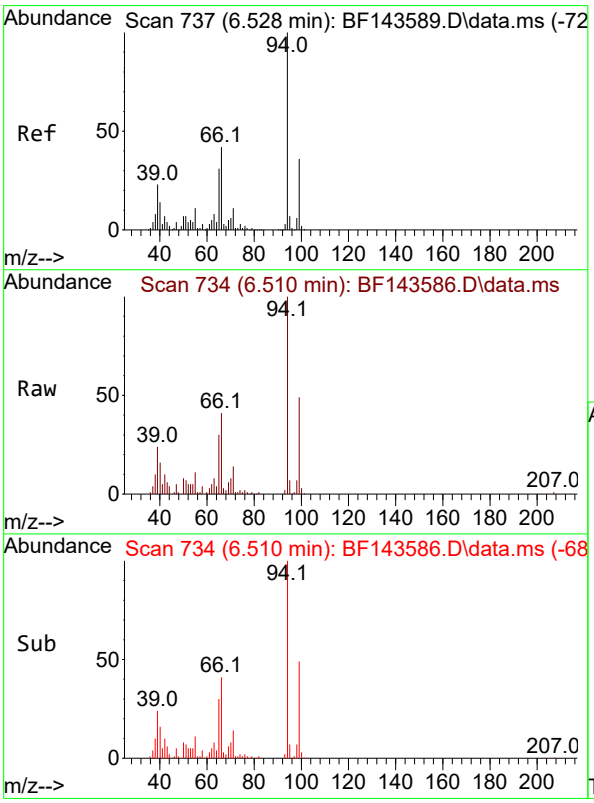
#8
2-Chlorophenol
Concen: 5.047 ng
RT: 6.669 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 43167

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.3	52.3
64	58.0	38.4	78.4

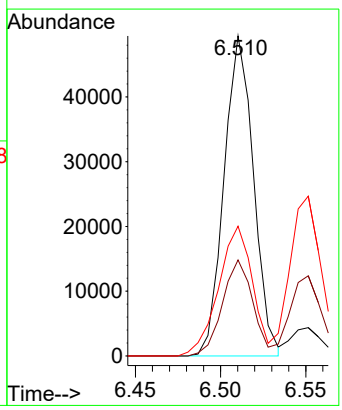


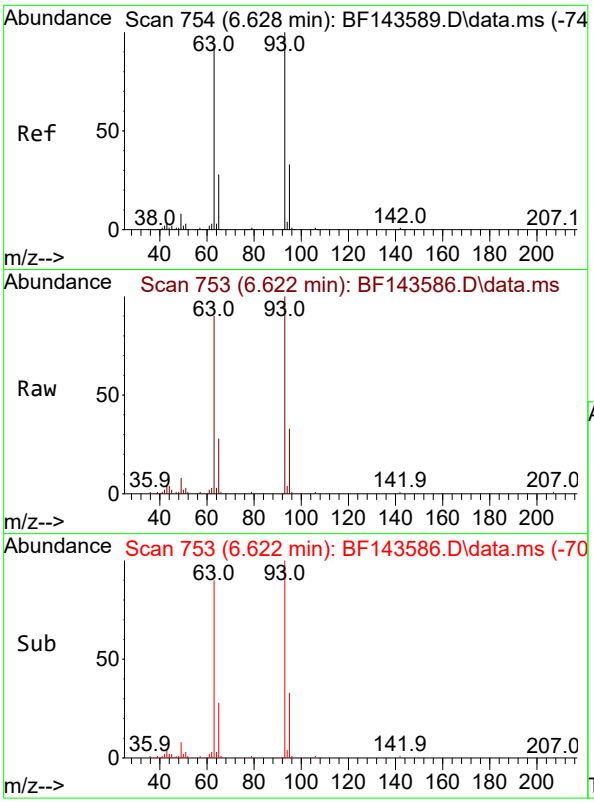


#10
Phenol
Concen: 5.288 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.017 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 94 Resp: 59393

Ion	Ratio	Lower	Upper
94	100		
65	30.0	11.0	51.0
66	40.6	22.1	62.1



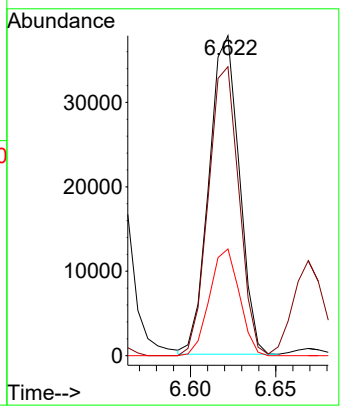


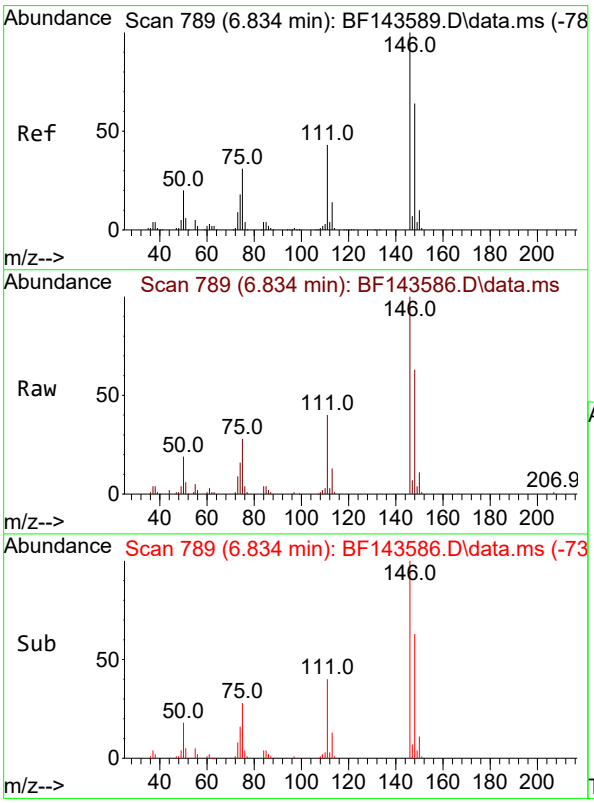
#11
bis(2-Chloroethyl)ether
Concen: 5.429 ng
RT: 6.622 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 46719

Ion	Ratio	Lower	Upper
93	100		
63	90.3	72.1	112.1
95	33.3	12.8	52.8

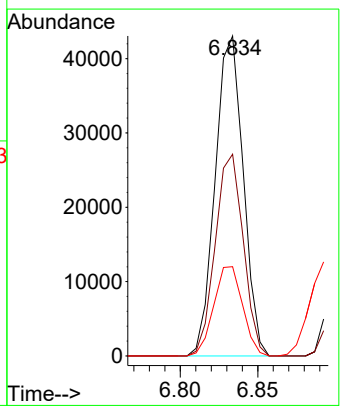


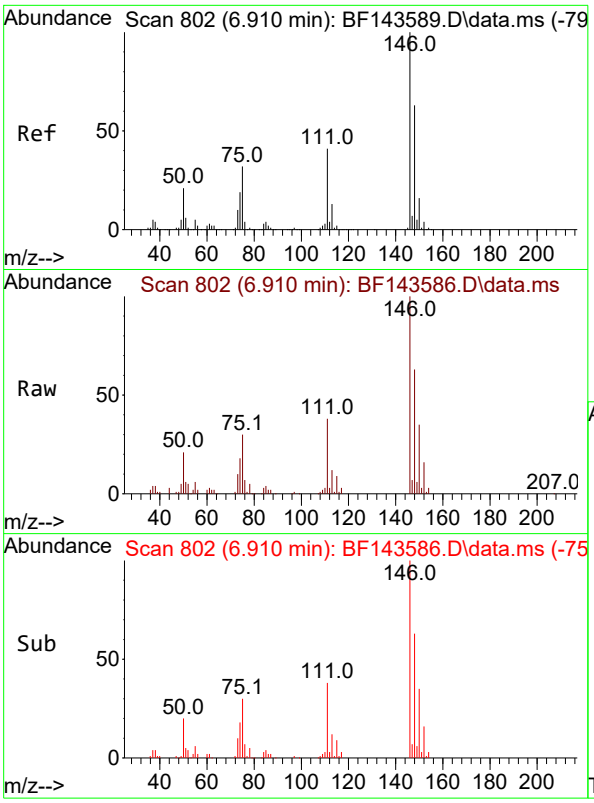


#12
1,3-Dichlorobenzene
Concen: 5.513 ng
RT: 6.834 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion:146 Resp: 54163

Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.1	76.7
75	27.9	25.2	37.8



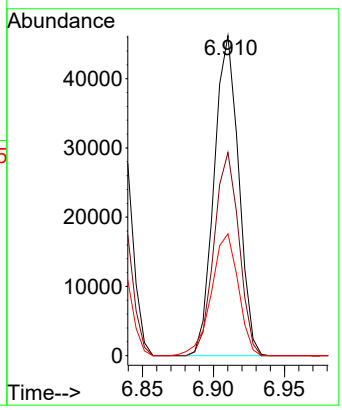


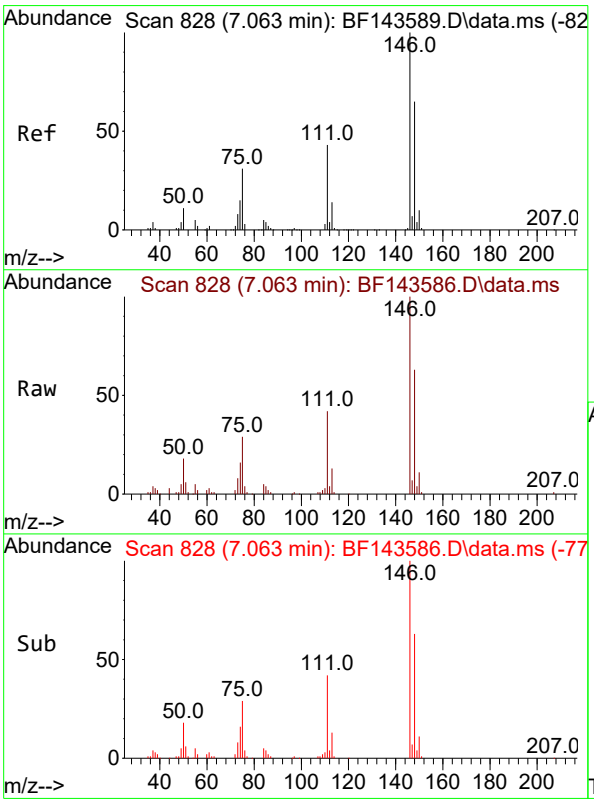
#13
1,4-Dichlorobenzene
Concen: 5.607 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:146 Resp: 55549

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
111	38.1	32.4	48.6

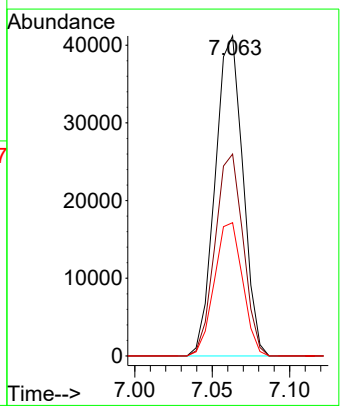


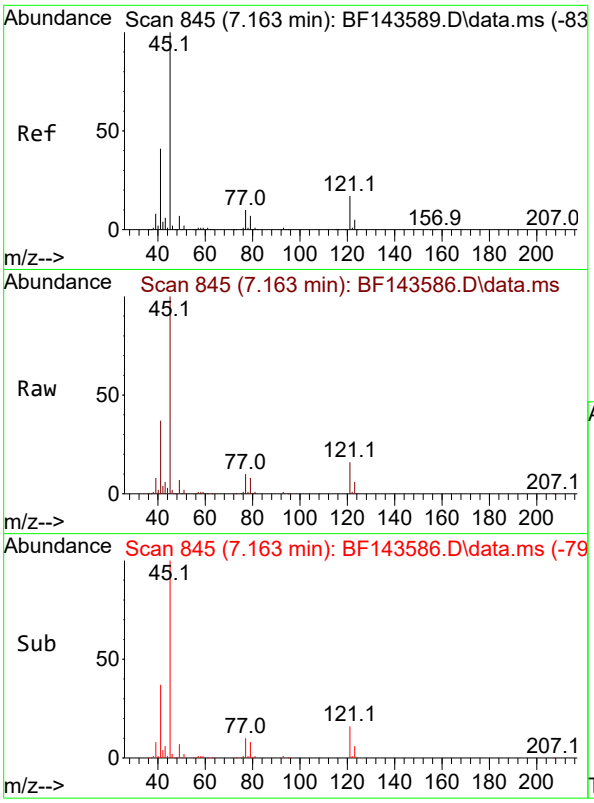


#14
1,2-Dichlorobenzene
Concen: 5.468 ng
RT: 7.063 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion:146 Resp: 51385

Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.7	77.5
111	41.7	34.7	52.1



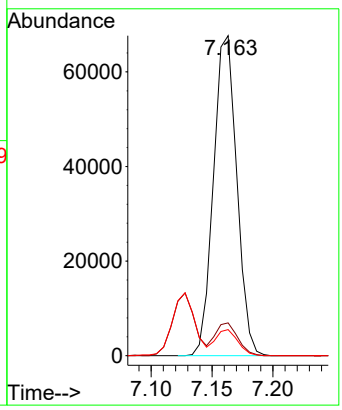


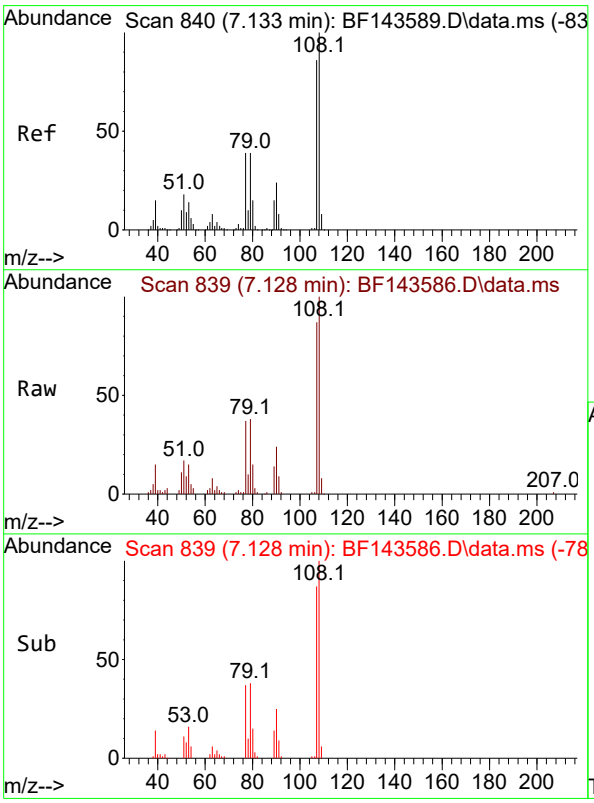
#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.679 ng
RT: 7.163 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 45 Resp: 90211

Ion	Ratio	Lower	Upper
45	100		
77	10.3	0.0	31.1
79	8.1	0.0	28.1

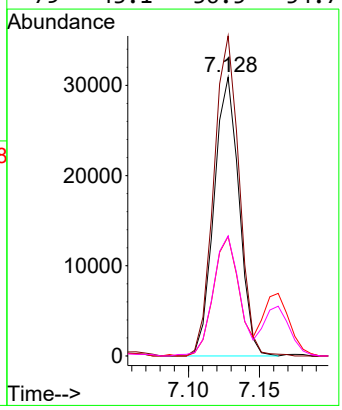


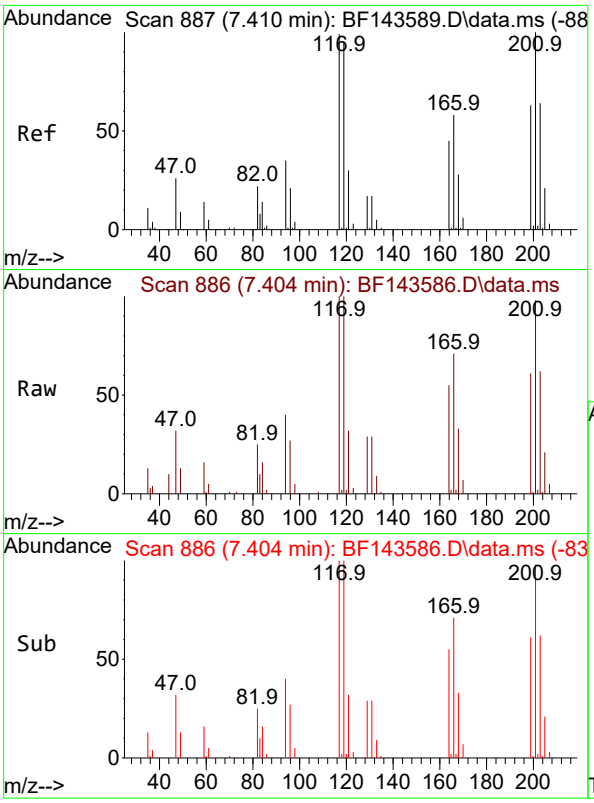


#17
2-Methylphenol
Concen: 5.205 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion:107 Resp: 37799

Ion	Ratio	Lower	Upper
107	100		
108	114.8	92.6	138.8
77	42.9	36.3	54.5
79	43.1	36.5	54.7



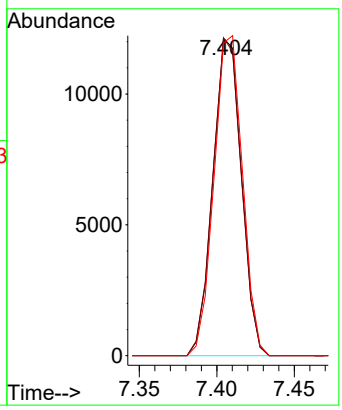


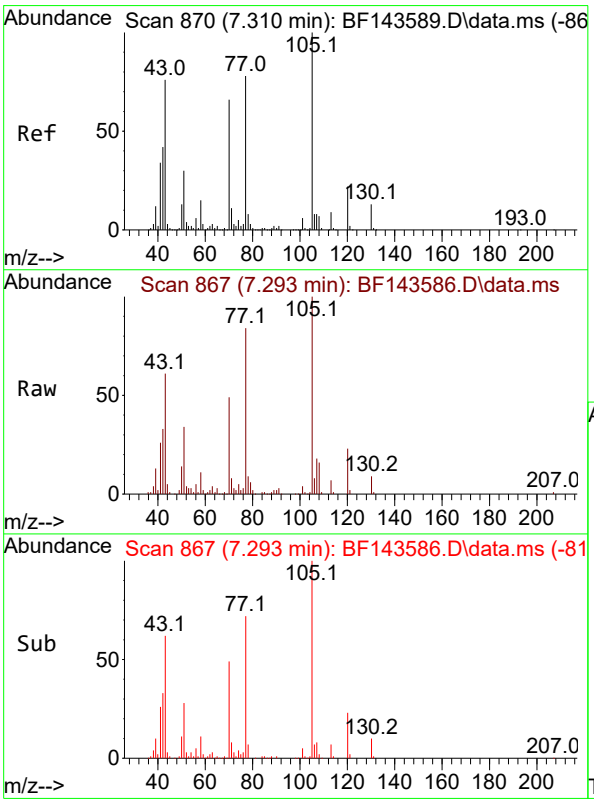
#18
Hexachloroethane
Concen: 4.933 ng
RT: 7.404 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:117 Resp: 15528

Ion	Ratio	Lower	Upper
117	100		
119	100.1	76.6	115.0
201	98.5	81.0	121.4

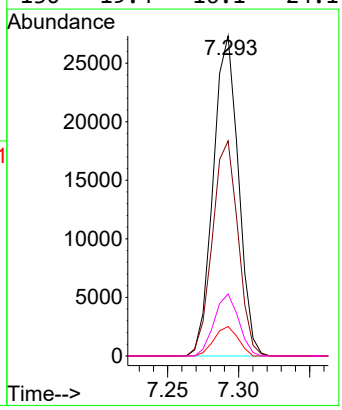


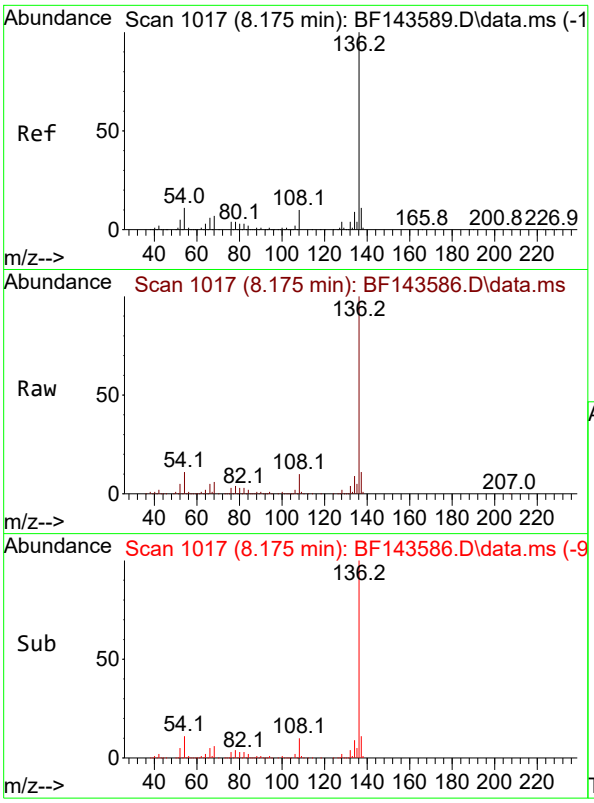


#19
n-Nitroso-di-n-propylamine
Concen: 5.310 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.017 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 70 Resp: 33685

Ion	Ratio	Lower	Upper
70	100		
42	67.2	50.6	75.8
101	9.2	7.5	11.3
130	19.4	16.1	24.1



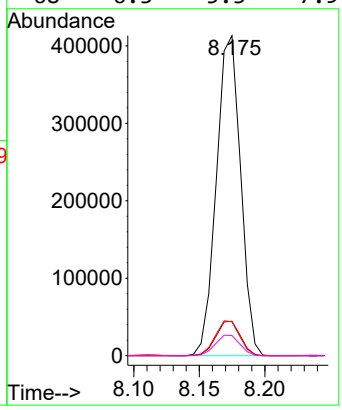


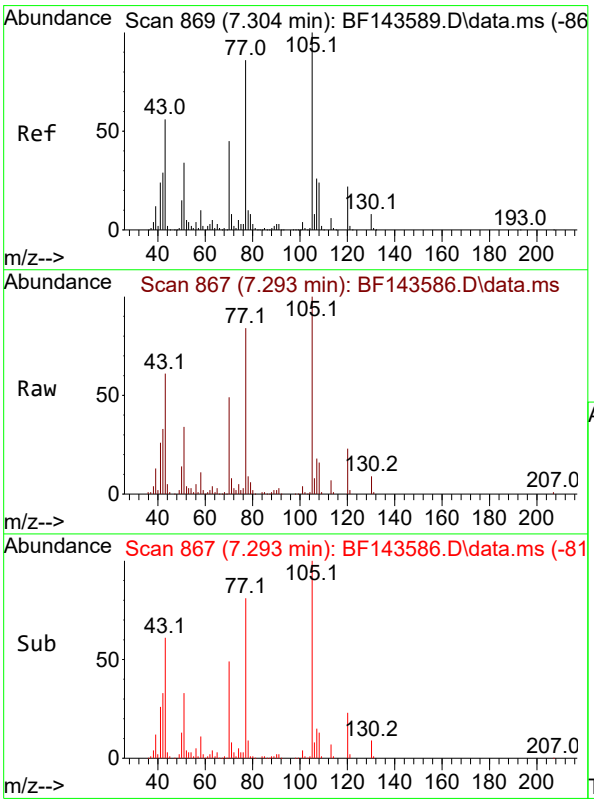
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 530841

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	10.6	9.0	13.6
68	6.3	5.3	7.9

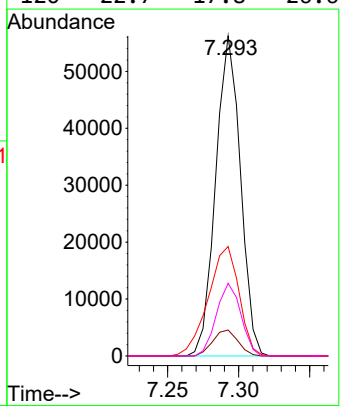


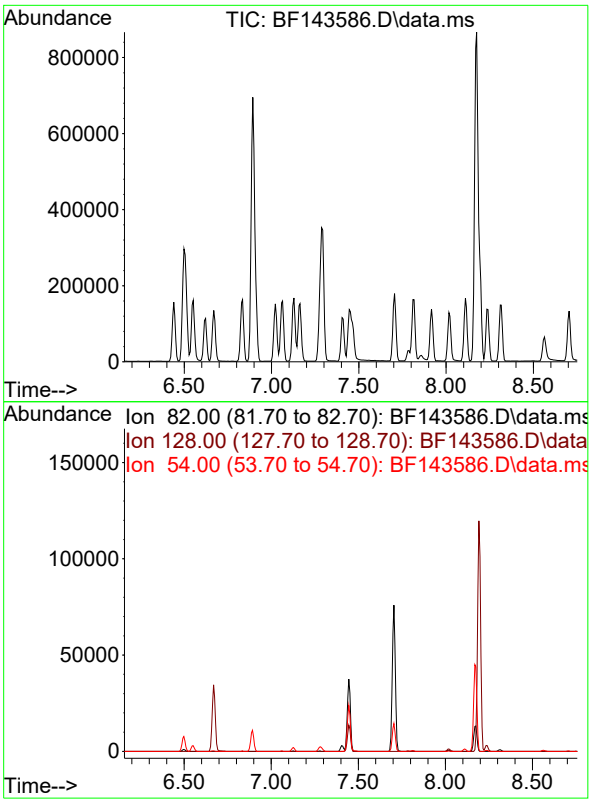


#22
Acetophenone
Concen: 5.693 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion:105 Resp: 68058

Ion	Ratio	Lower	Upper
105	100		
71	8.1	6.0	9.0
51	34.2	27.0	40.6
120	22.7	17.8	26.6





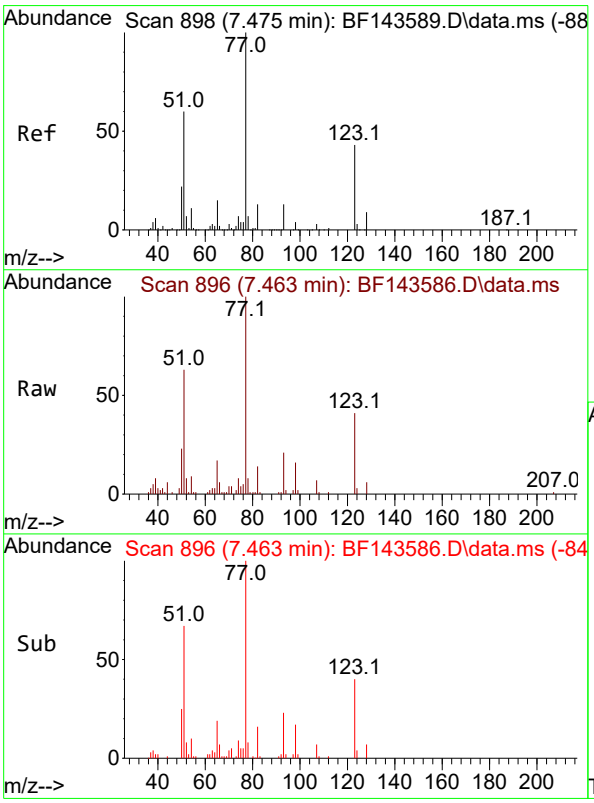
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.46 min

Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 82

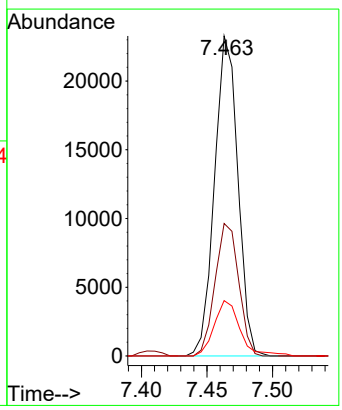
Sig	Exp Ratio
82	100
128	41.8
54	61.6

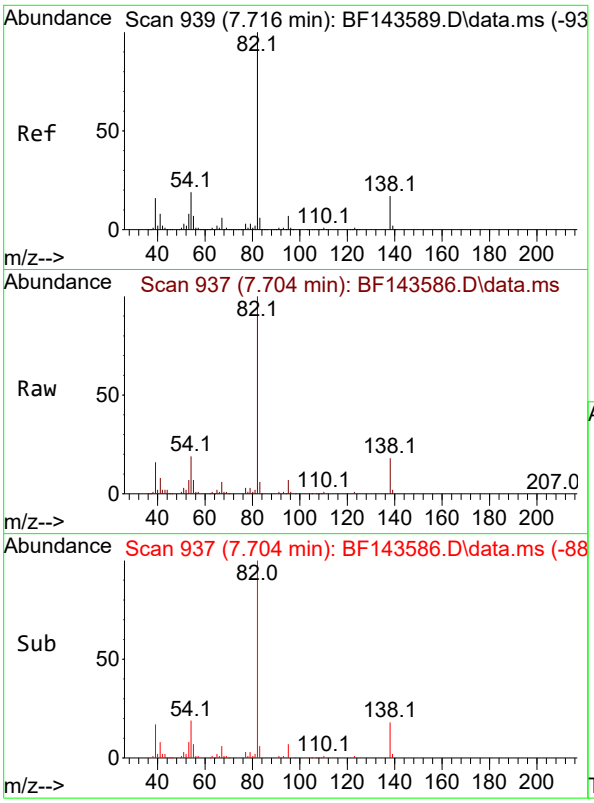


#24
Nitrobenzene
Concen: 3.605 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 77 Resp: 28733

Ion	Ratio	Lower	Upper
77	100		
123	41.4	34.9	52.3
65	17.3	12.0	18.0



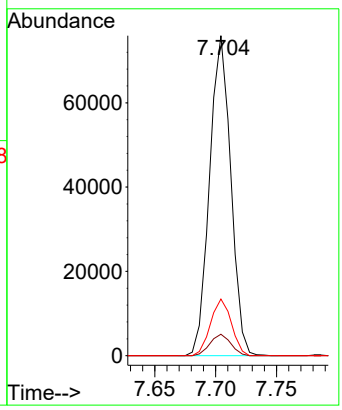


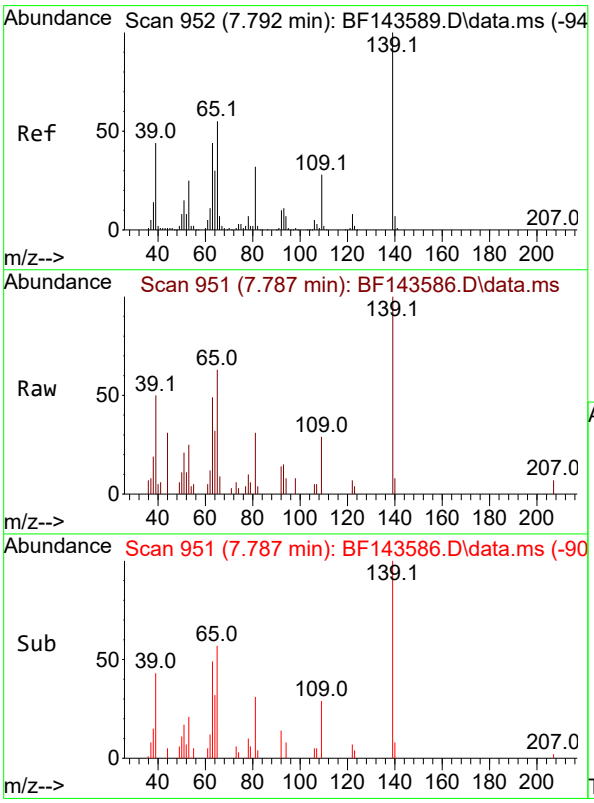
#25
Isophorone
Concen: 5.293 ng
RT: 7.704 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 92089

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.5	8.3
138	17.7	13.8	20.8

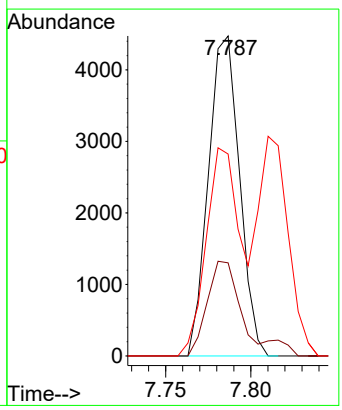


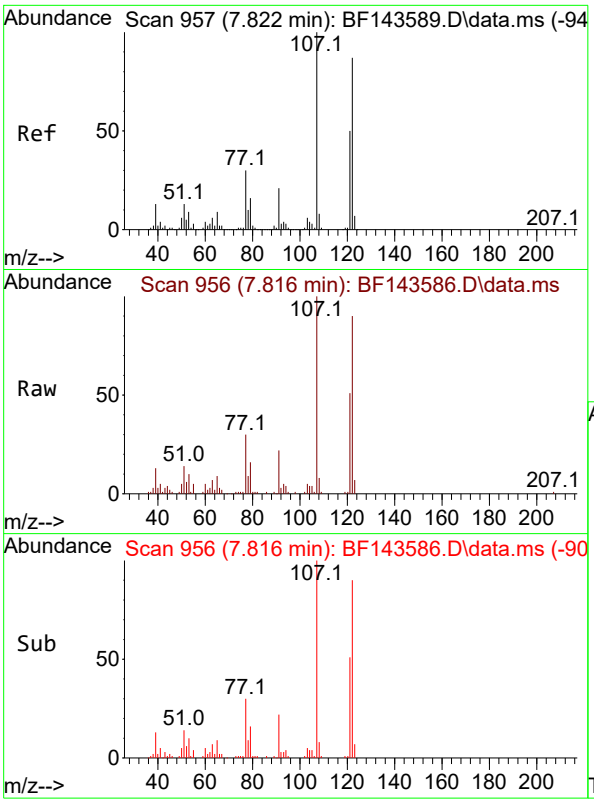


#26
2-Nitrophenol
Concen: 5.784 ng
RT: 7.787 min Scan# 951
Delta R.T. -0.005 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion:139 Resp: 5683

Ion	Ratio	Lower	Upper
139	100		
109	29.1	22.3	33.5
65	63.1	44.0	66.0



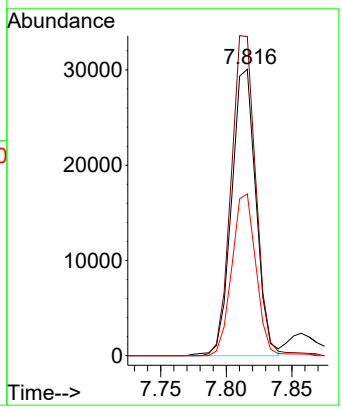


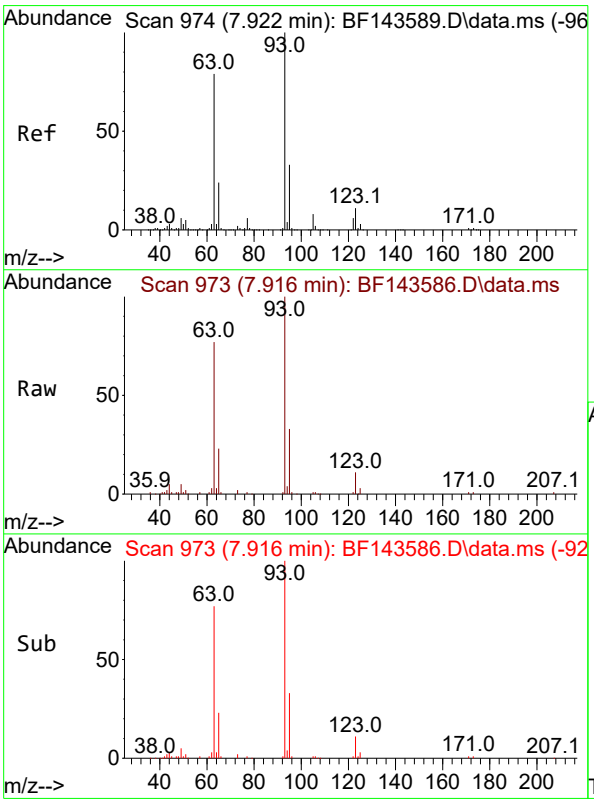
#27
2,4-Dimethylphenol
Concen: 5.122 ng
RT: 7.816 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:122 Resp: 38776

Ion	Ratio	Lower	Upper
122	100		
107	111.5	92.1	138.1
121	56.5	46.2	69.4

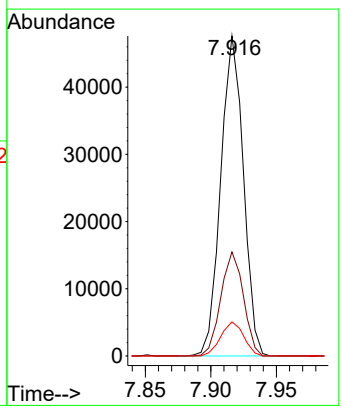


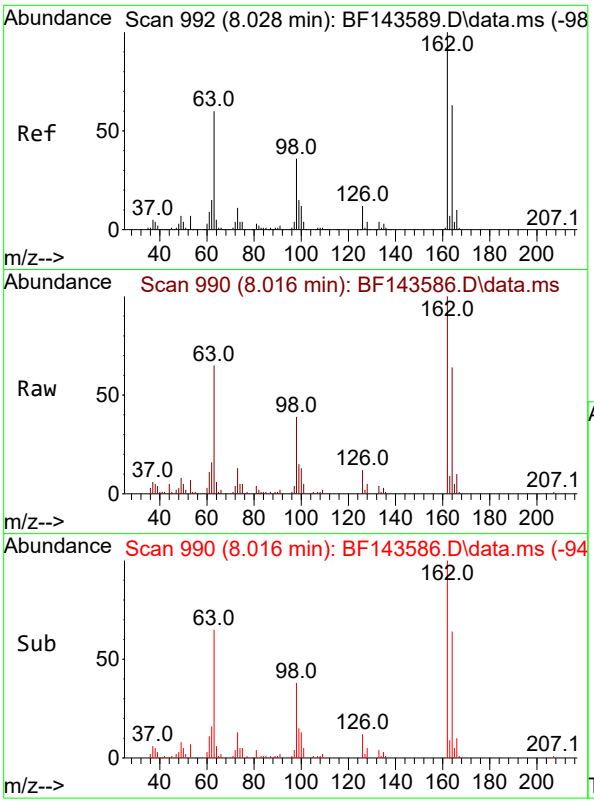


#28
bis(2-Chloroethoxy)methane
Concen: 5.431 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 93 Resp: 57170

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.2
123	10.7	9.3	13.9



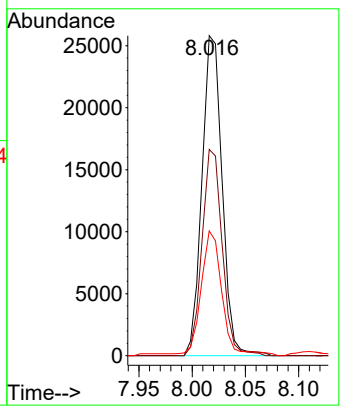


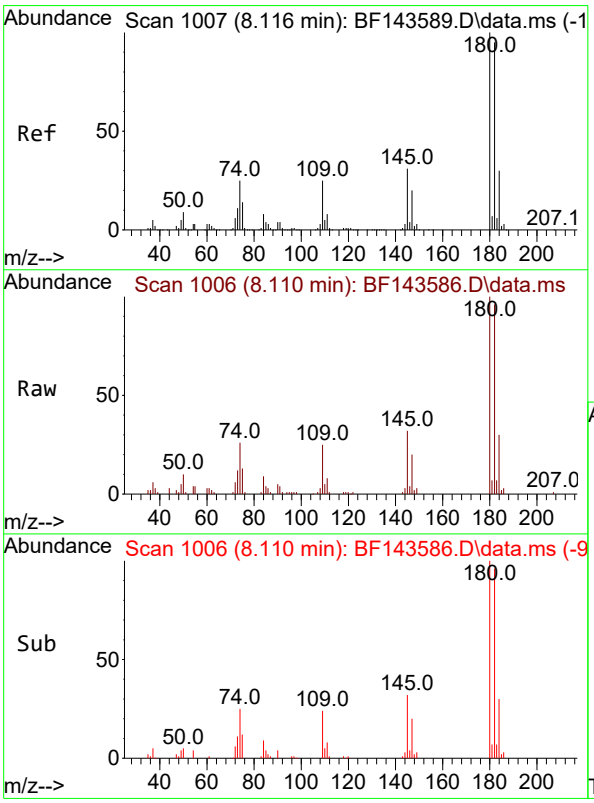
#29
2,4-Dichlorophenol
Concen: 4.676 ng
RT: 8.016 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 34103

Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.3	83.3
98	39.0	16.1	56.1

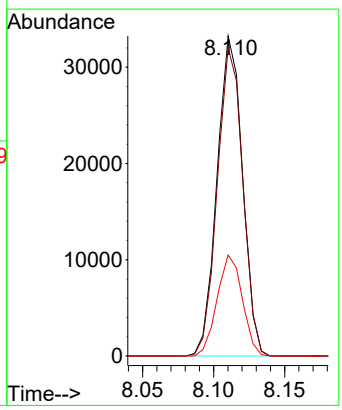


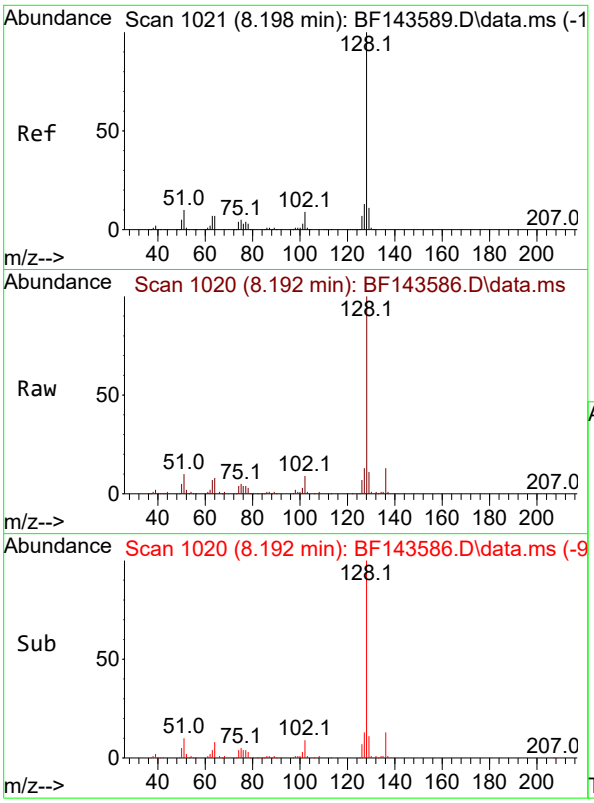


#30
1,2,4-Trichlorobenzene
Concen: 5.435 ng
RT: 8.110 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion:180 Resp: 41386

Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.8	113.6
145	31.6	24.5	36.7



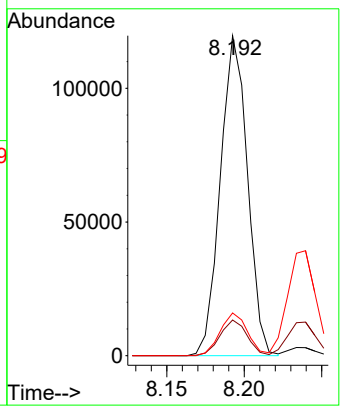


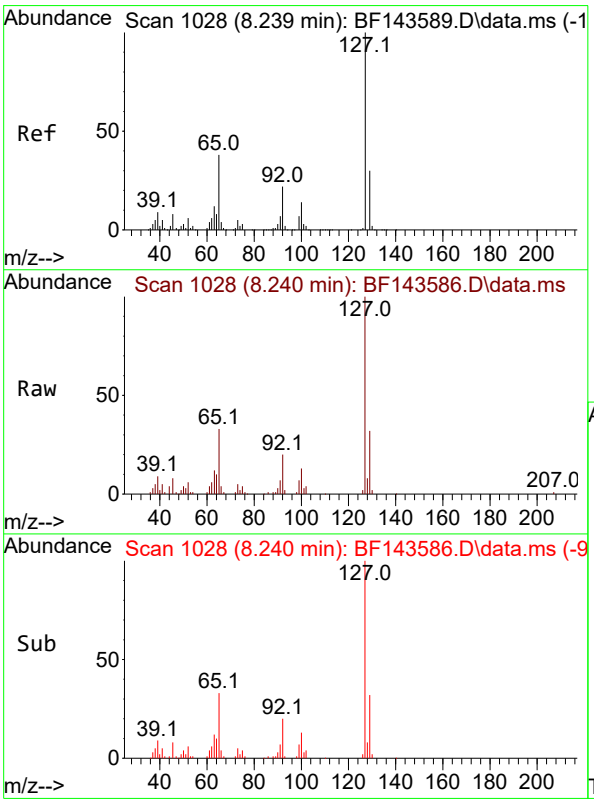
#31
Naphthalene
Concen: 5.682 ng
RT: 8.192 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 145725

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.3	10.6	15.8

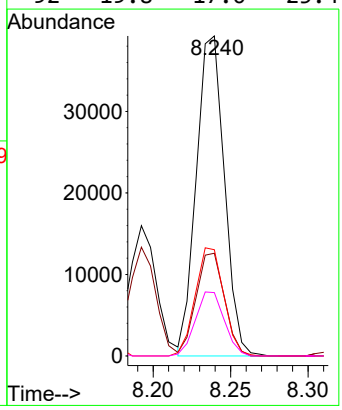


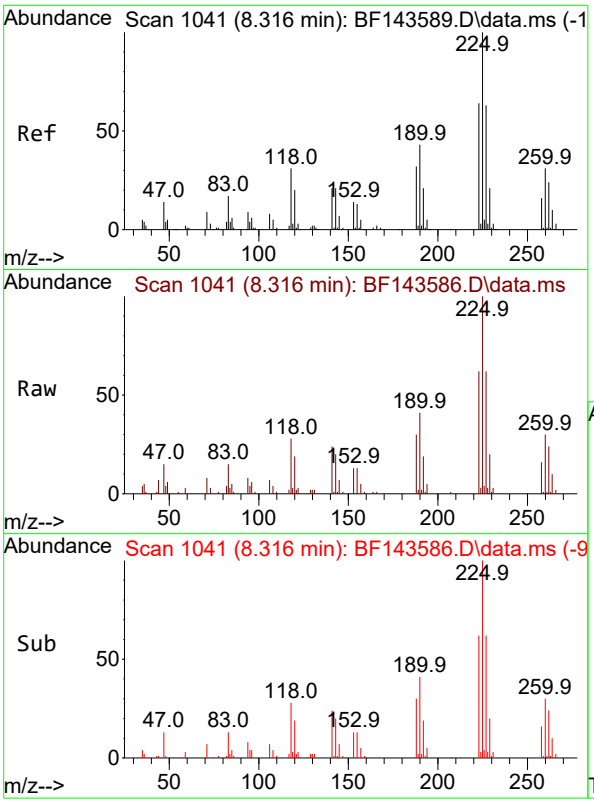


#33
4-Chloroaniline
Concen: 5.465 ng
RT: 8.240 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion:127 Resp: 49519

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.6
65	33.2	29.7	44.5
92	19.8	17.0	25.4



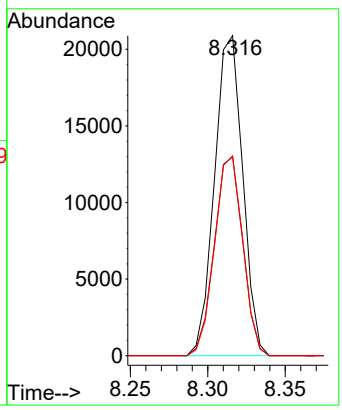


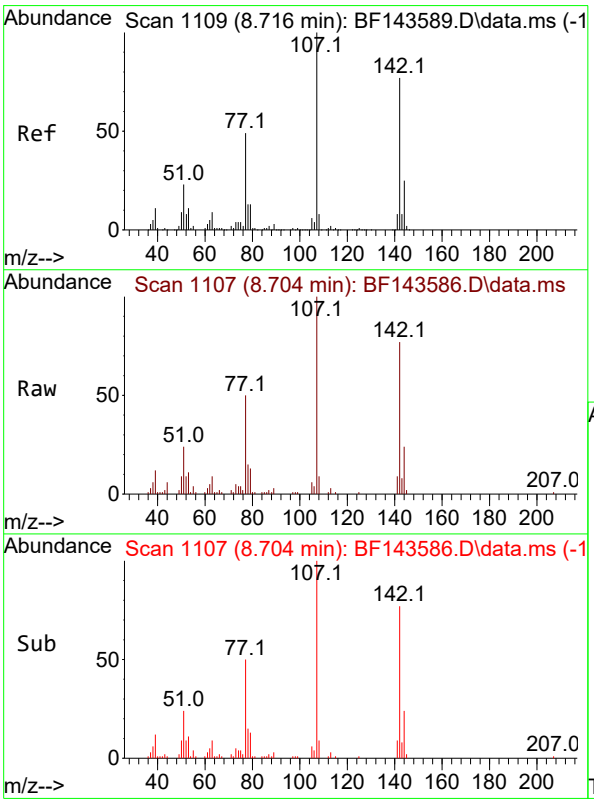
#34
Hexachlorobutadiene
Concen: 5.507 ng
RT: 8.316 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:225 Resp: 26425

Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.8	76.2
227	62.5	50.6	76.0

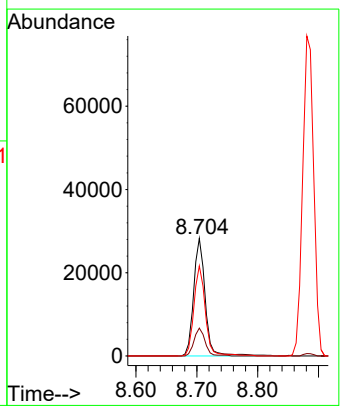


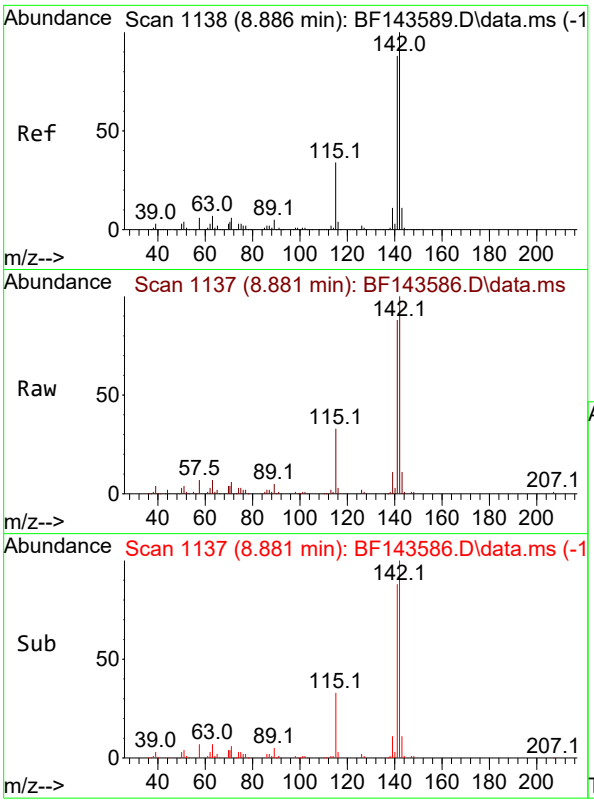


#36
4-Chloro-3-methylphenol
Concen: 4.902 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion:107 Resp: 37379

Ion	Ratio	Lower	Upper
107	100		
144	23.7	19.8	29.6
142	76.6	61.7	92.5



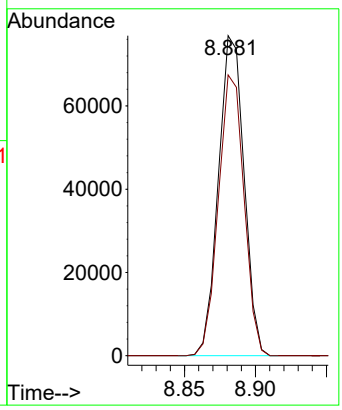


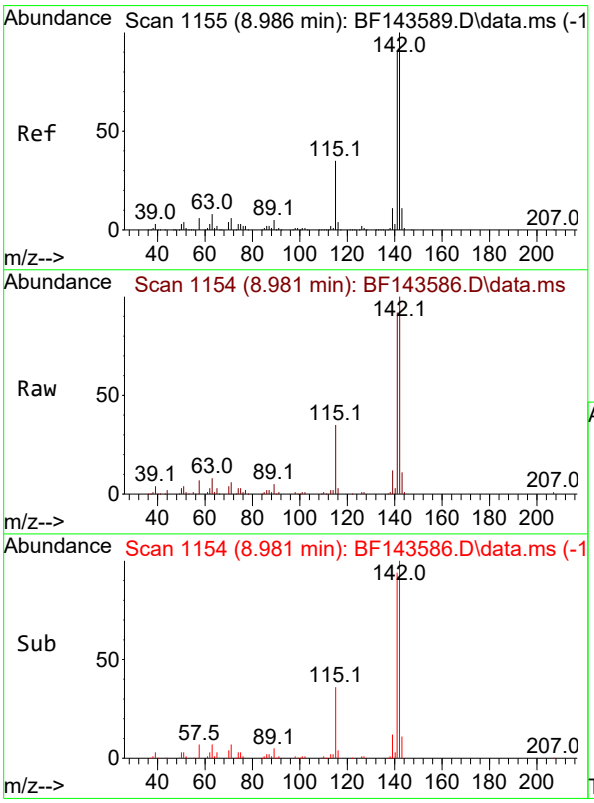
#37
2-Methylnaphthalene
Concen: 5.694 ng
RT: 8.881 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 96440

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.2	105.4

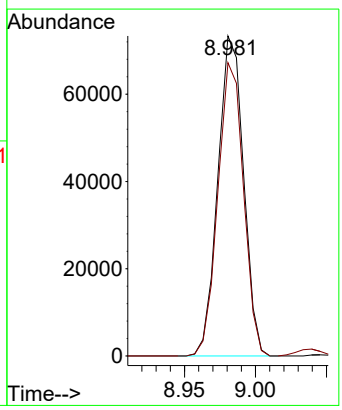


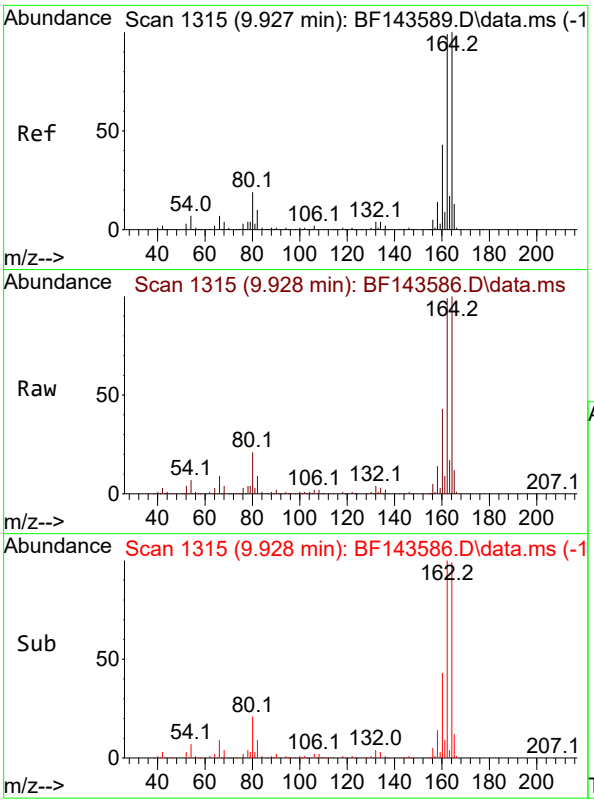


#38
1-Methylnaphthalene
Concen: 5.638 ng
RT: 8.981 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion:142 Resp: 92160

Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.6	109.0



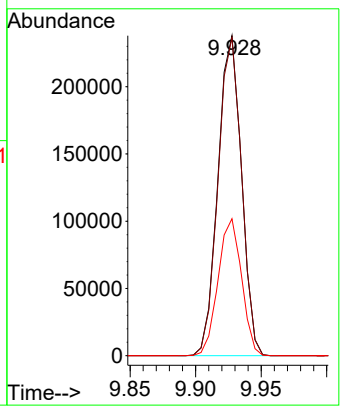


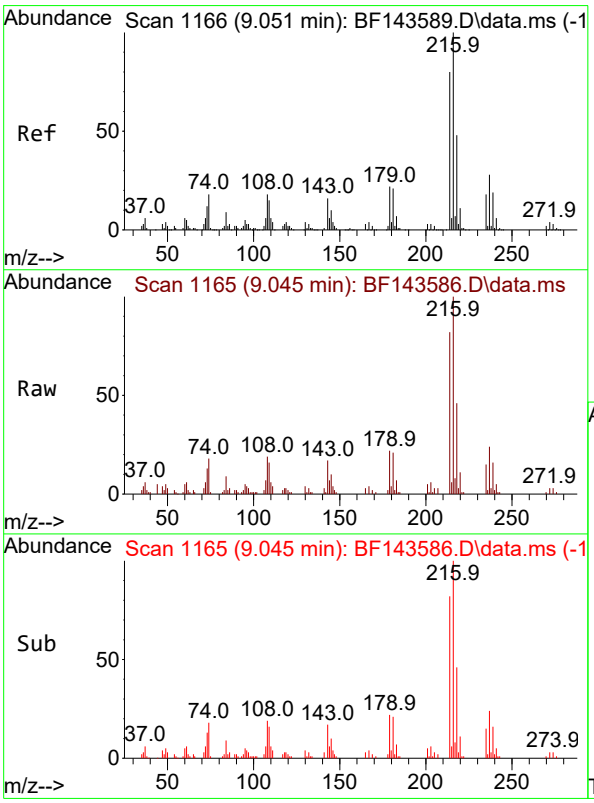
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1
Delta R.T. 0.001 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:164 Resp: 296527

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.5	119.3
160	42.8	34.2	51.4

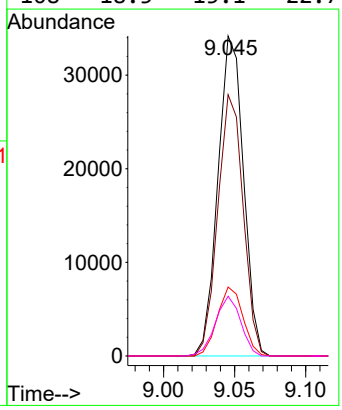


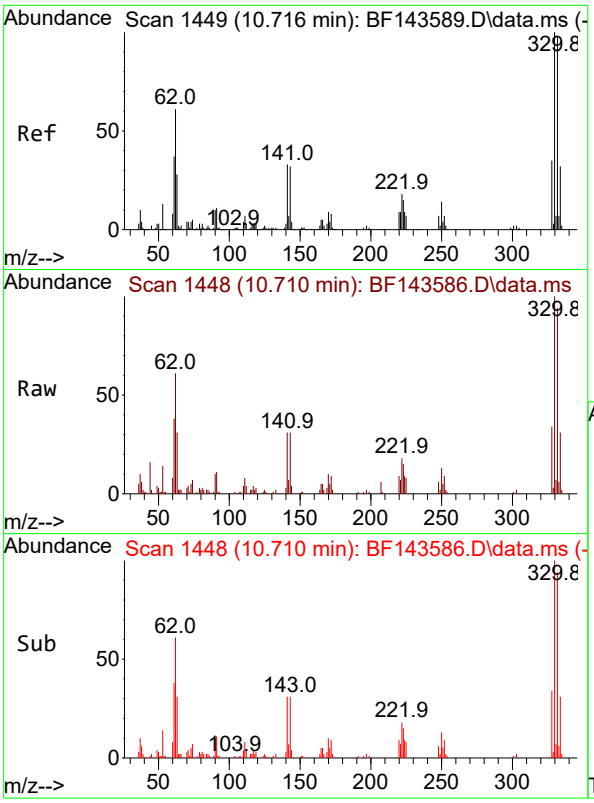


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.539 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion:216 Resp: 42720

Ion	Ratio	Lower	Upper
216	100		
214	80.9	64.1	96.1
179	21.6	17.4	26.0
108	18.5	15.1	22.7



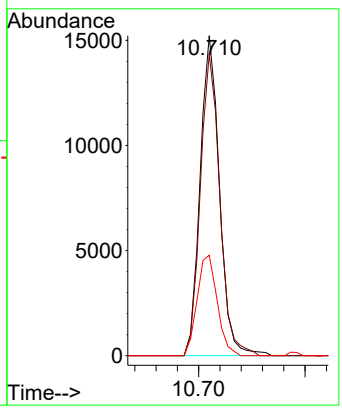


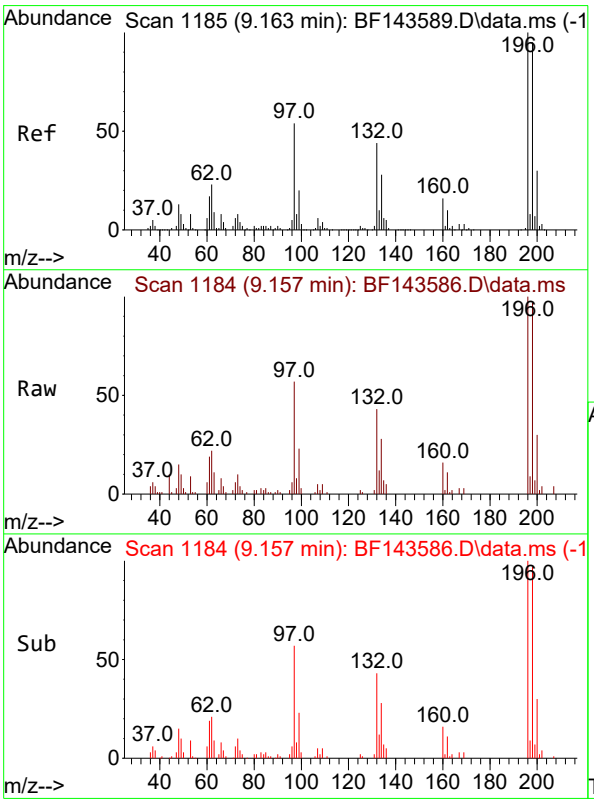
#42
2,4,6-Tribromophenol
Concen: 8.281 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:330 Resp: 19203

Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.2	117.4
141	32.6	25.4	38.0

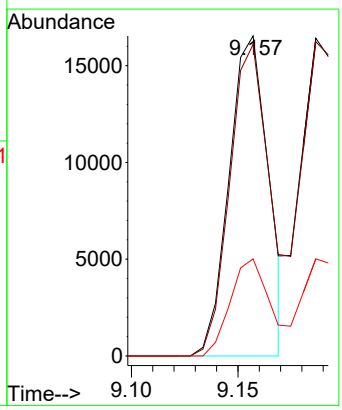


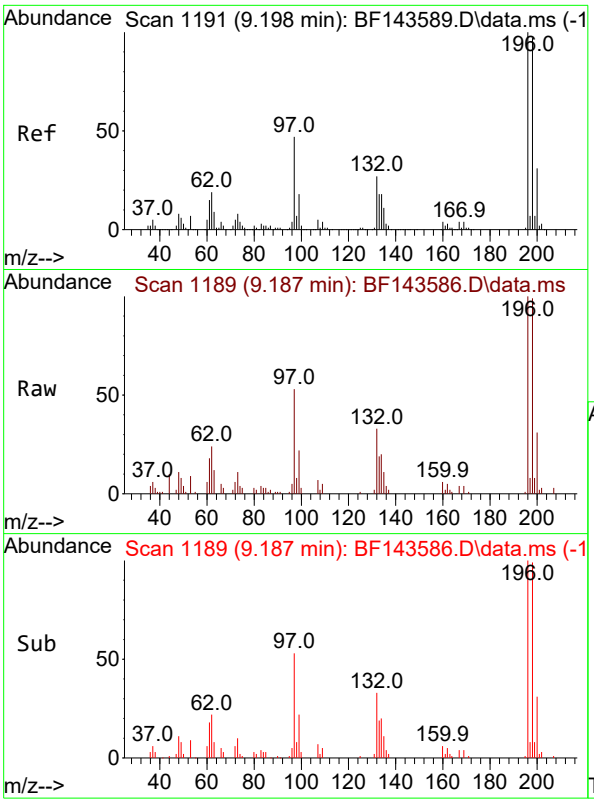


#43
2,4,6-Trichlorophenol
Concen: 4.144 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion:196 Resp: 21122

Ion	Ratio	Lower	Upper
196	100		
198	97.4	75.8	113.6
200	30.3	24.2	36.4



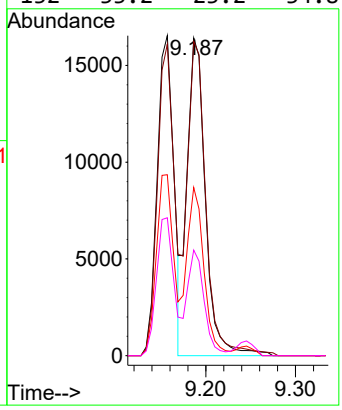


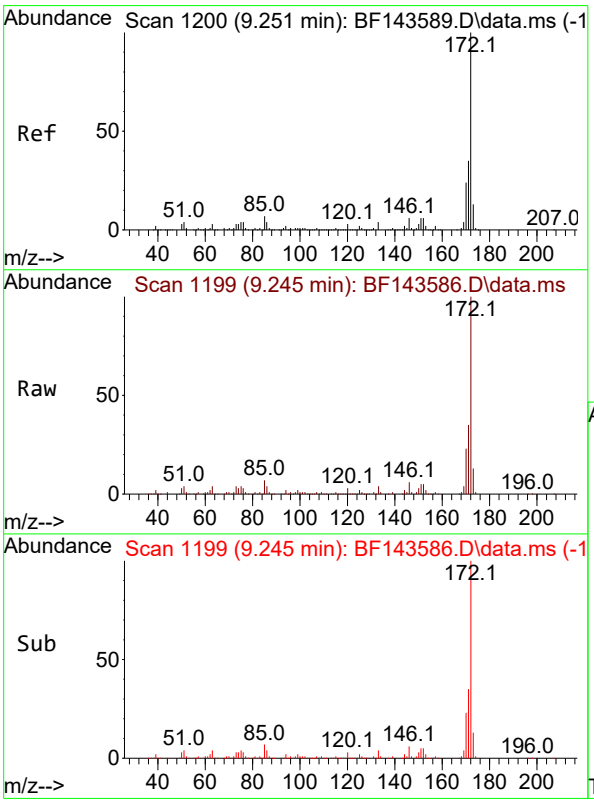
#44
2,4,5-Trichlorophenol
Concen: 4.567 ng
RT: 9.187 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 23519

Ion	Ratio	Lower	Upper
196	100		
198	98.9	77.0	115.6
97	52.9	39.3	58.9
132	33.2	23.2	34.8

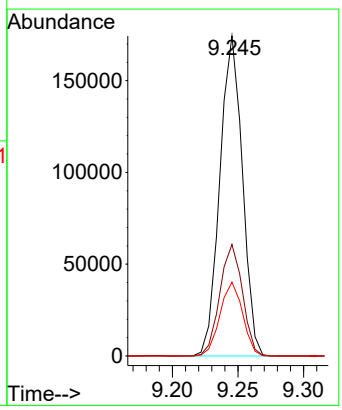


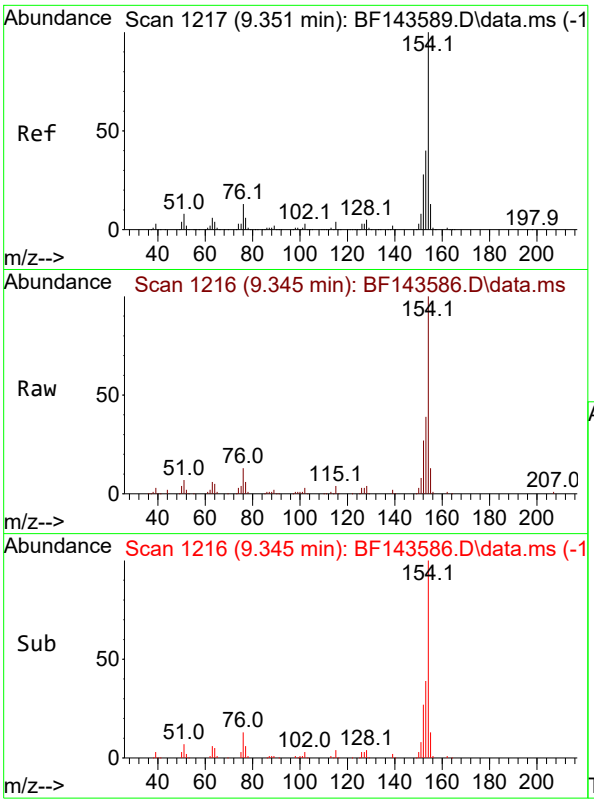


#45
2-Fluorobiphenyl
Concen: 12.007 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion:172 Resp: 208234

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.3	42.5
170	23.0	19.0	28.4



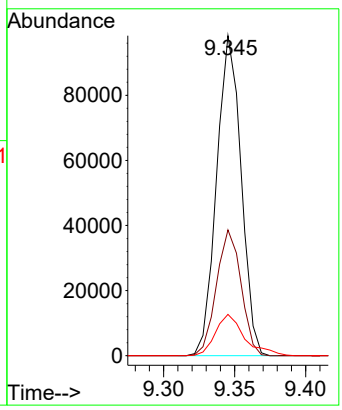


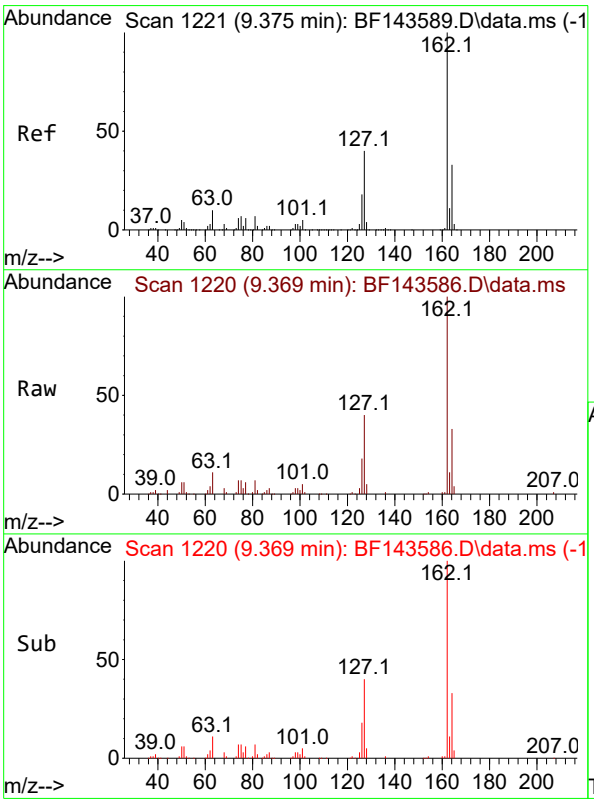
#46
1,1'-Biphenyl
Concen: 5.722 ng
RT: 9.345 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 117730

Ion	Ratio	Lower	Upper
154	100		
153	39.3	20.1	60.1
76	12.9	0.0	33.0

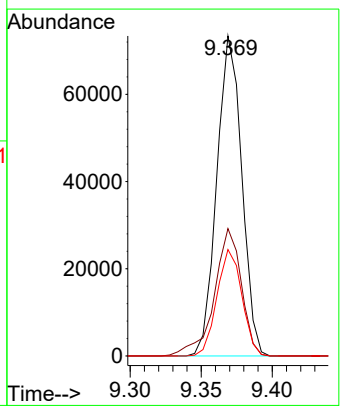


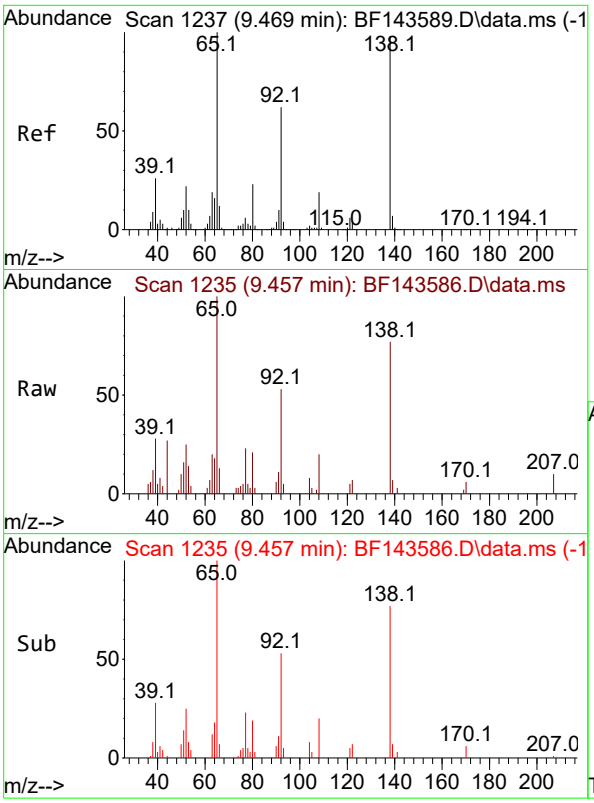


#47
2-Chloronaphthalene
Concen: 5.517 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion:162 Resp: 89667

Ion	Ratio	Lower	Upper
162	100		
127	39.8	32.6	48.8
164	33.2	26.1	39.1



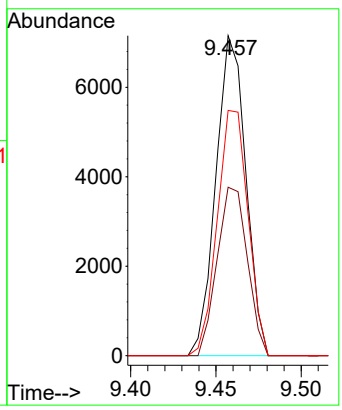


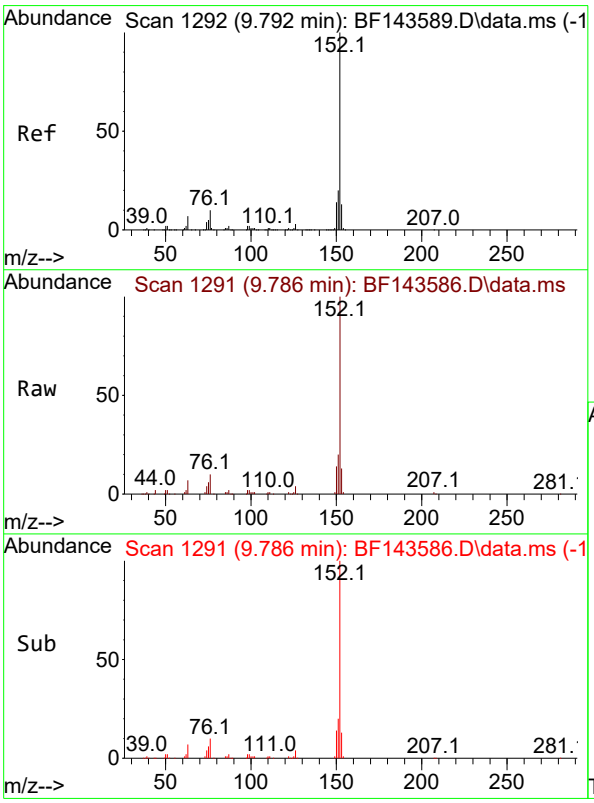
#48
2-Nitroaniline
Concen: 6.067 ng
RT: 9.457 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 65 Resp: 8738

Ion	Ratio	Lower	Upper
65	100		
92	52.6	49.6	74.4
138	76.6	78.6	118.0#

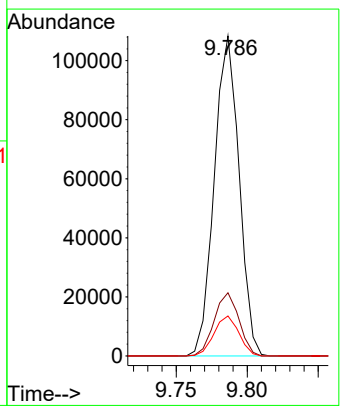


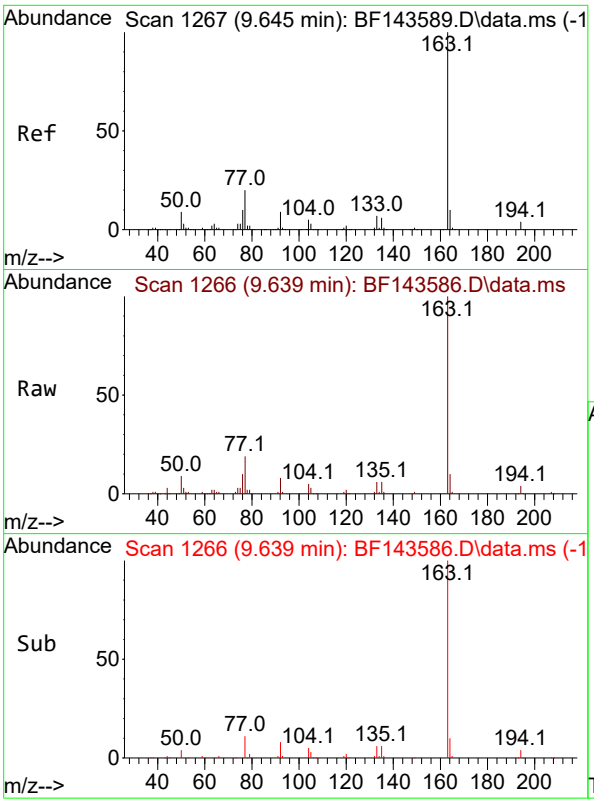


#49
Acenaphthylene
Concen: 5.555 ng
RT: 9.786 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion:152 Resp: 131370

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.2
153	12.5	10.6	15.8



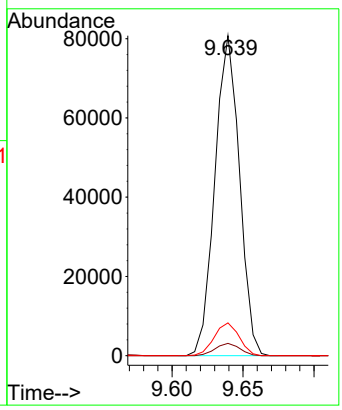


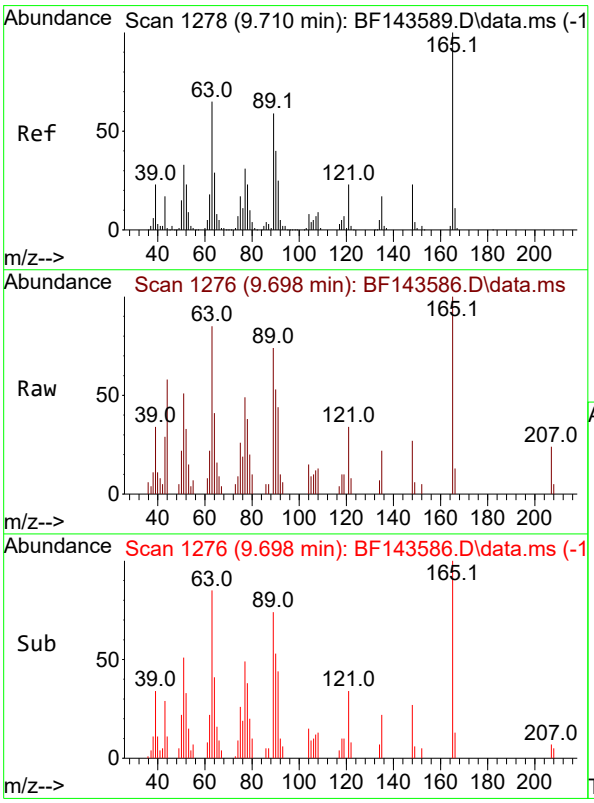
#50
Dimethylphthalate
Concen: 5.321 ng
RT: 9.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:163 Resp: 97046

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	10.3	8.4	12.6

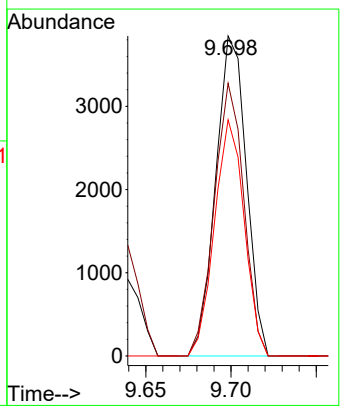


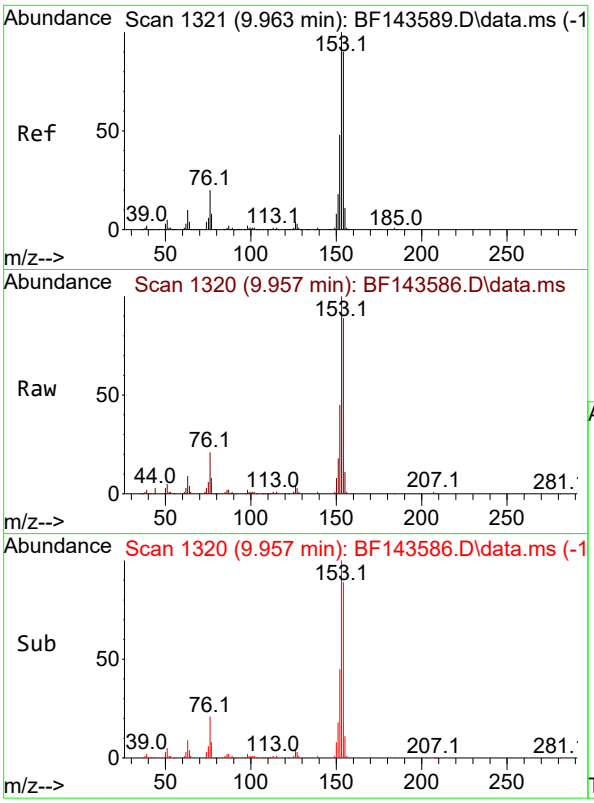


#51
2,6-Dinitrotoluene
Concen: 6.193 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.012 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion:165 Resp: 4804

Ion	Ratio	Lower	Upper
165	100		
63	85.2	51.8	77.6#
89	73.8	47.4	71.2#



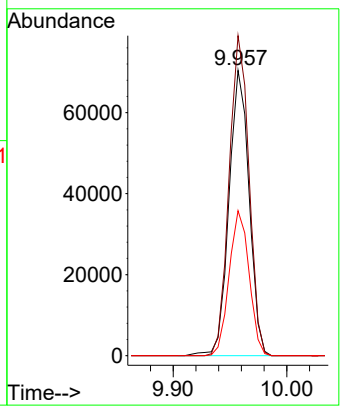


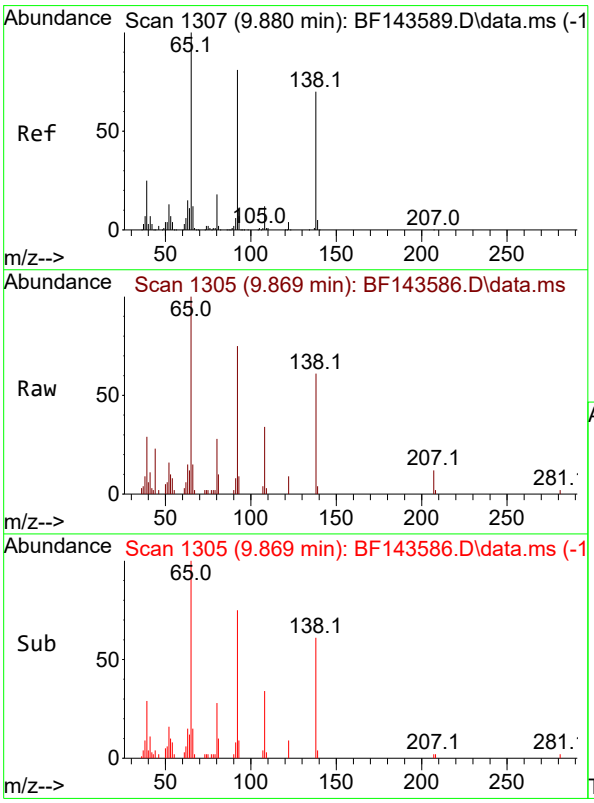
#52
Acenaphthene
Concen: 5.592 ng
RT: 9.957 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 86628

Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.0	133.4
152	50.8	42.9	64.3

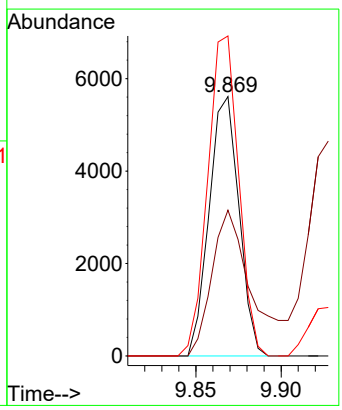


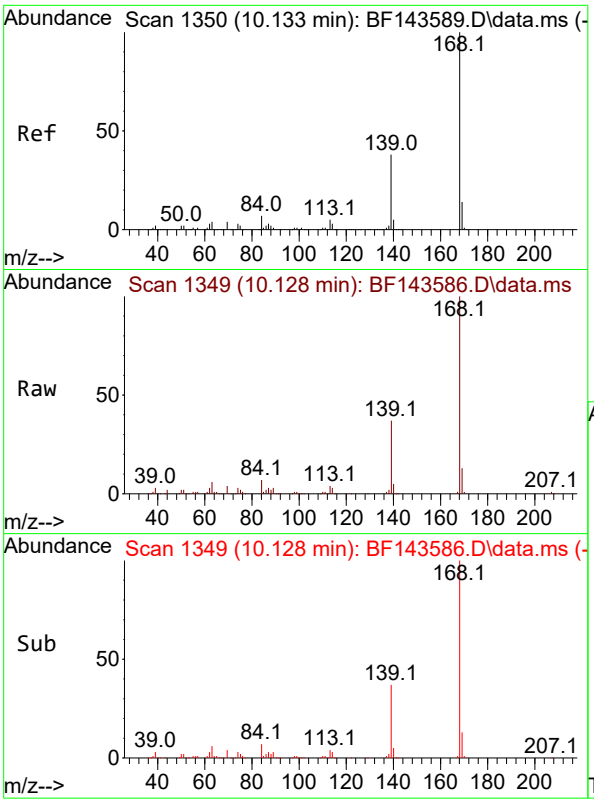


#53
3-Nitroaniline
Concen: 5.808 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.011 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion:138 Resp: 6831

Ion	Ratio	Lower	Upper
138	100		
108	56.2	13.8	20.8#
92	123.4	92.6	139.0



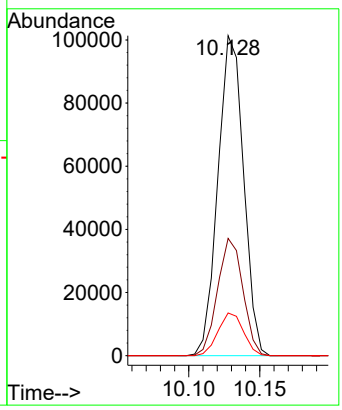


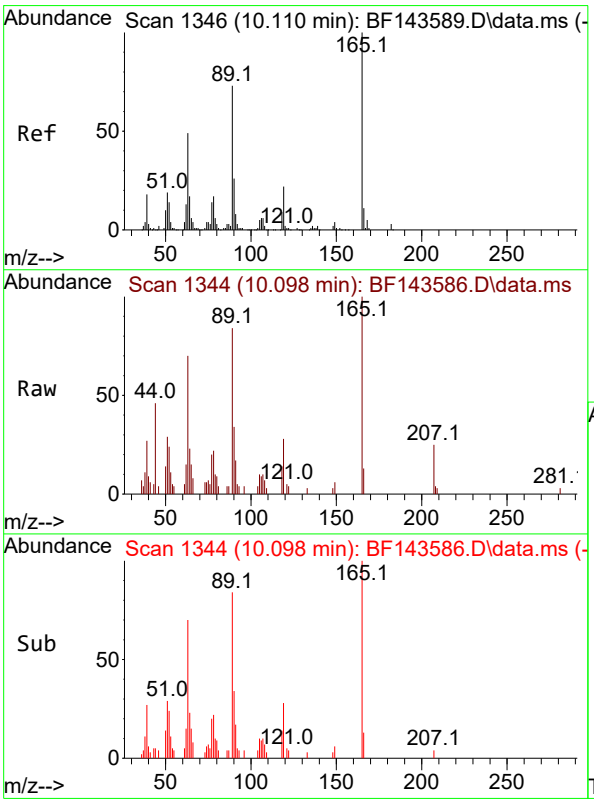
#55
Dibenzofuran
Concen: 5.601 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:168 Resp: 127210

Ion	Ratio	Lower	Upper
168	100		
139	36.7	30.6	46.0
169	13.4	10.9	16.3

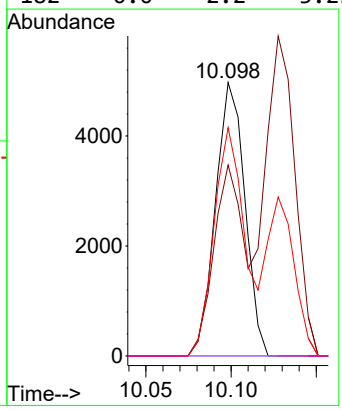


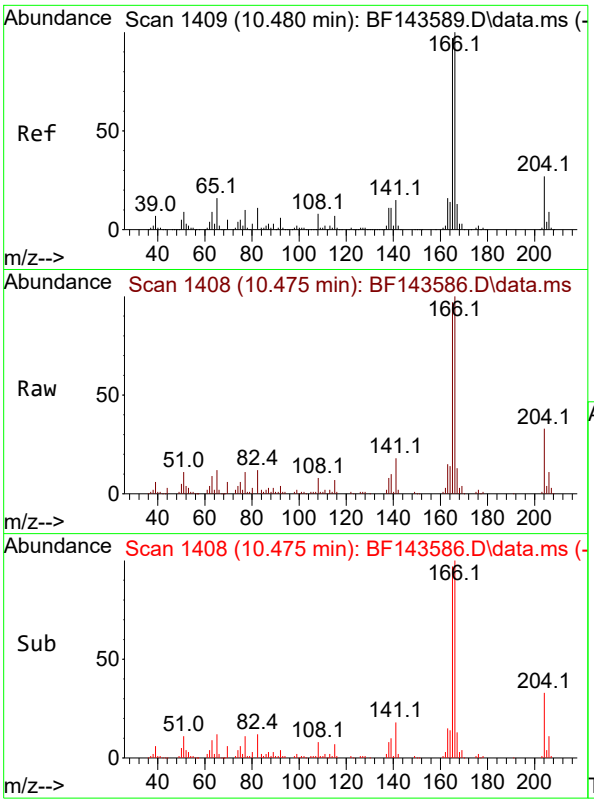


#57
2,4-Dinitrotoluene
Concen: 6.189 ng
RT: 10.098 min Scan# 1344
Delta R.T. -0.012 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion:165 Resp: 5975

Ion	Ratio	Lower	Upper
165	100		
63	69.8	39.5	59.3#
89	83.5	58.1	87.1
182	0.0	2.2	3.2#



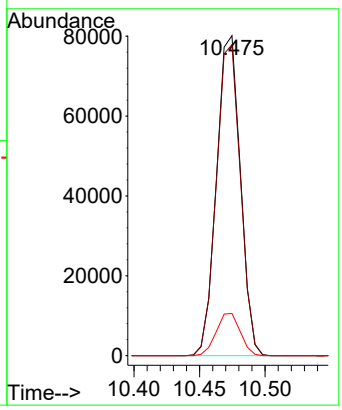


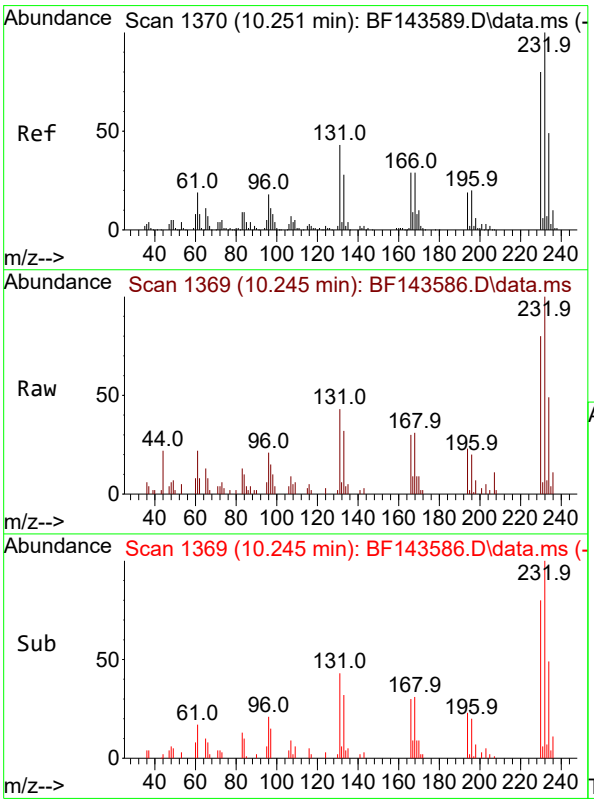
#58
Fluorene
Concen: 5.948 ng
RT: 10.475 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:166 Resp: 101422

Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.7	116.5
167	13.2	10.6	15.8

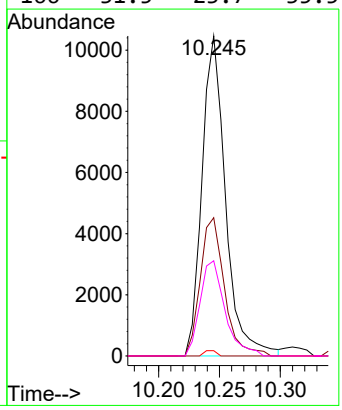


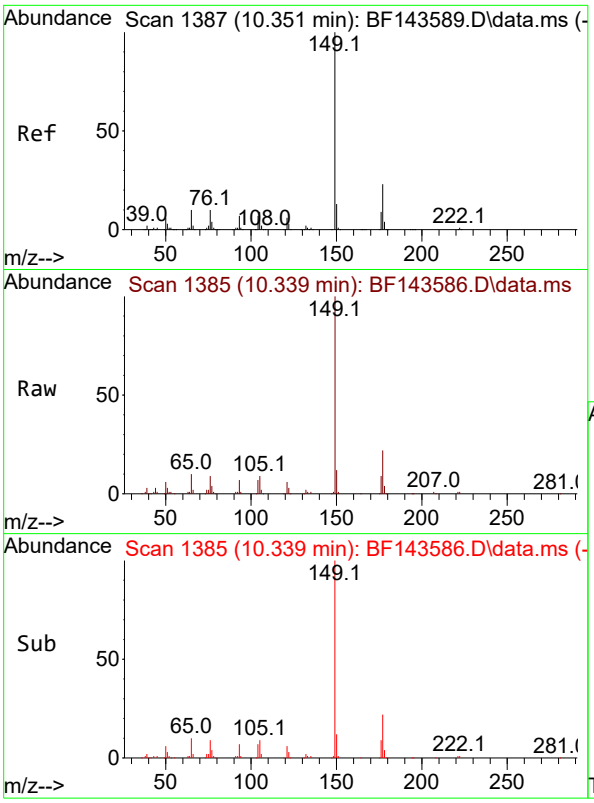


#59
2,3,4,6-Tetrachlorophenol
Concen: 3.699 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion:232 Resp: 14083

Ion	Ratio	Lower	Upper
232	100		
131	44.3	35.9	53.9
130	0.9	1.8	2.8#
166	31.5	23.7	35.5



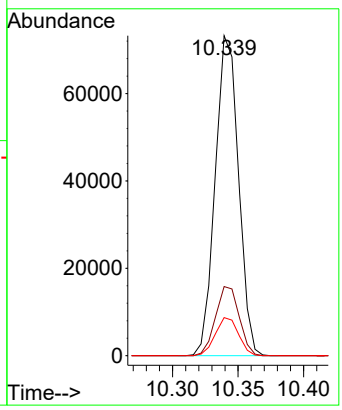


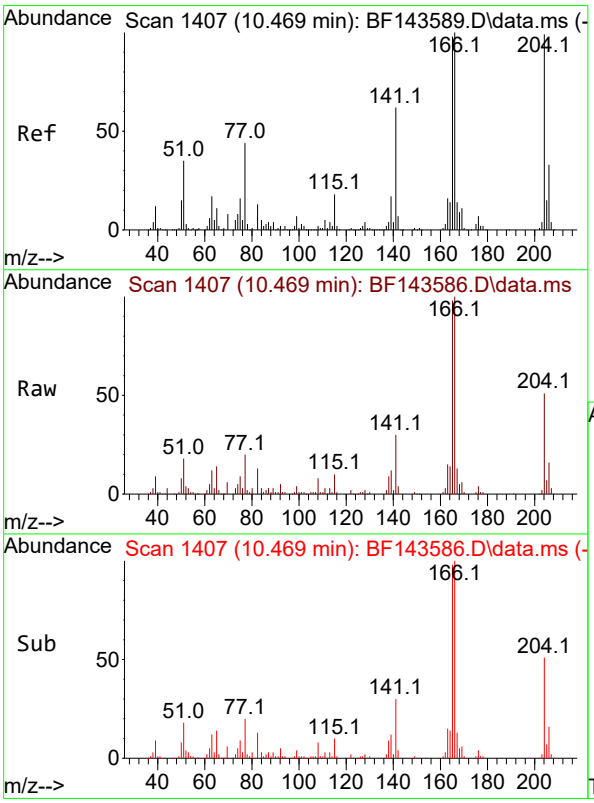
#60
Diethylphthalate
Concen: 5.288 ng
RT: 10.339 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 90386

Ion	Ratio	Lower	Upper
149	100		
177	21.6	18.1	27.1
150	11.9	10.1	15.1

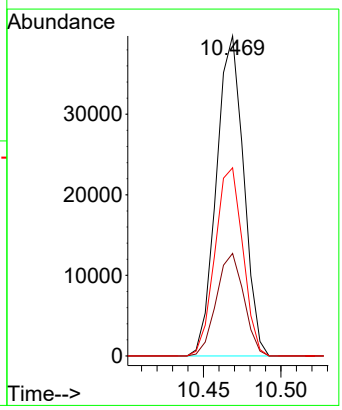


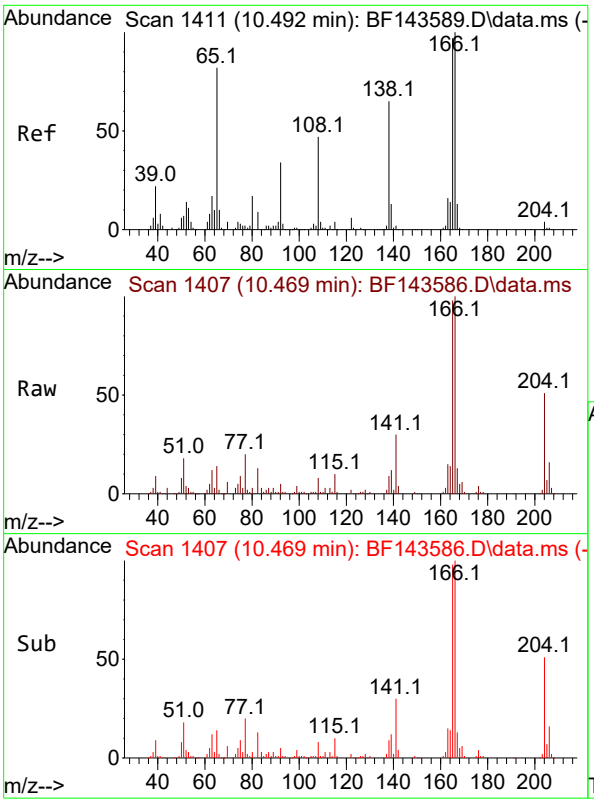


#61
4-Chlorophenyl-phenylether
Concen: 5.828 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion:204 Resp: 48597

Ion	Ratio	Lower	Upper
204	100		
206	32.1	27.0	40.6
141	58.8	50.2	75.2



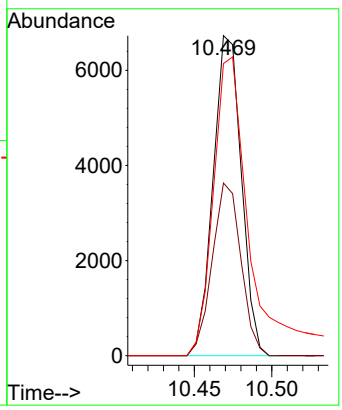


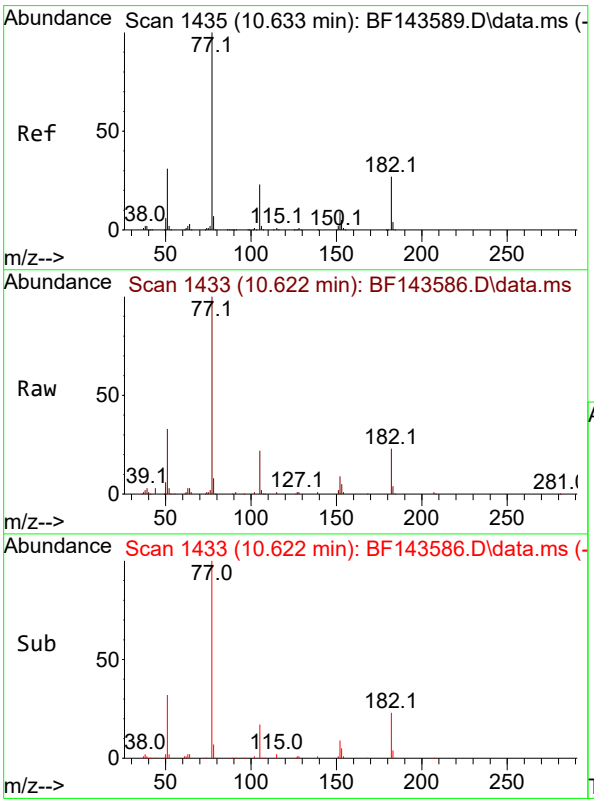
#62
4-Nitroaniline
Concen: 5.688 ng
RT: 10.469 min Scan# 14
Delta R.T. -0.023 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 8525

Ion	Ratio	Lower	Upper
138	100		
92	53.9	31.3	71.3
108	91.3	51.6	91.6

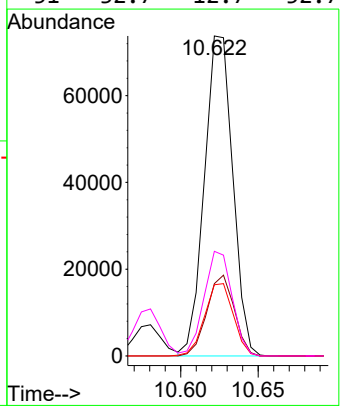


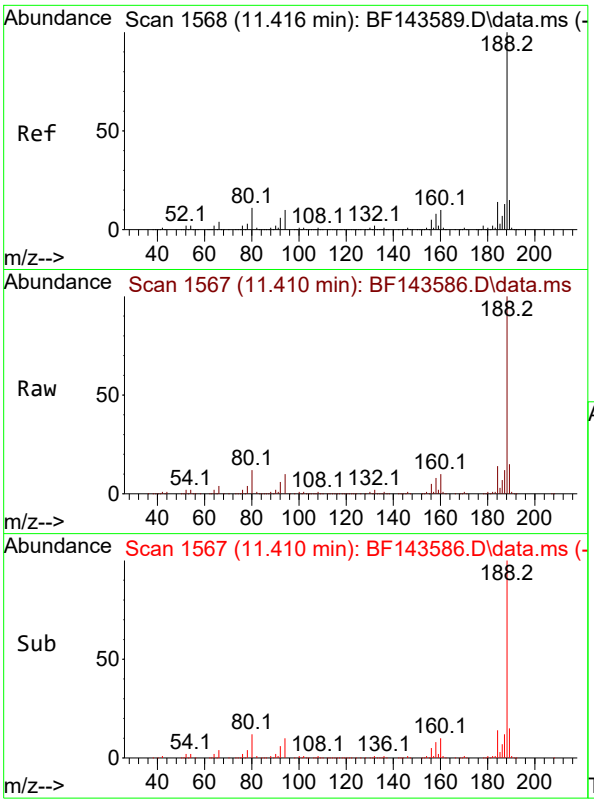


#63
Azobenzene
Concen: 5.430 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 77 Resp: 94097

Ion	Ratio	Lower	Upper
77	100		
182	22.6	6.3	46.3
105	22.2	2.4	42.4
51	32.7	12.7	52.7



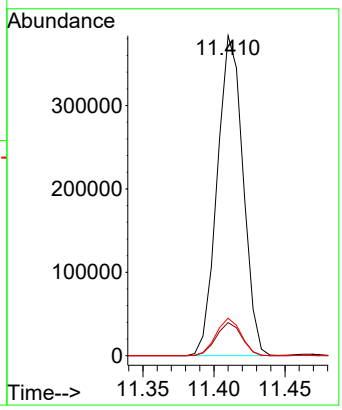


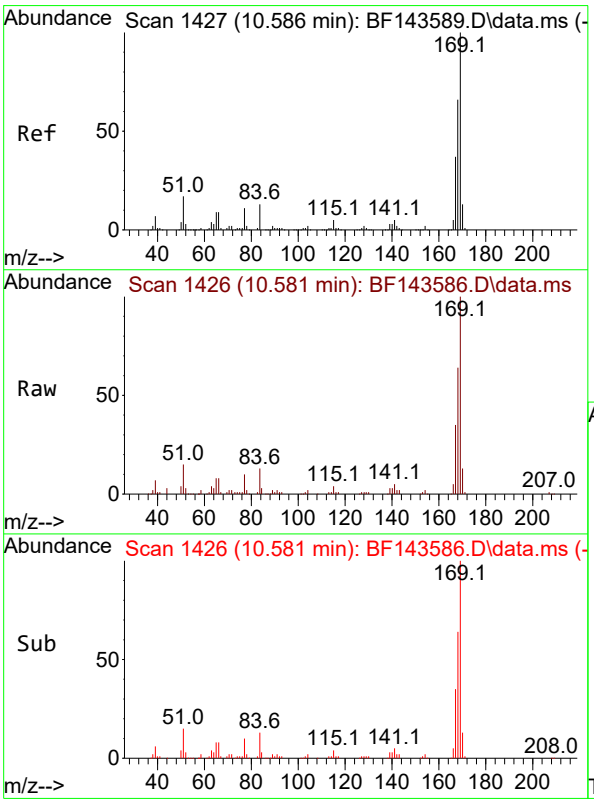
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:188 Resp: 484752

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.2	12.4
80	11.7	8.9	13.3

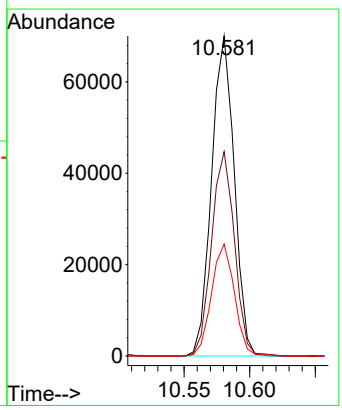


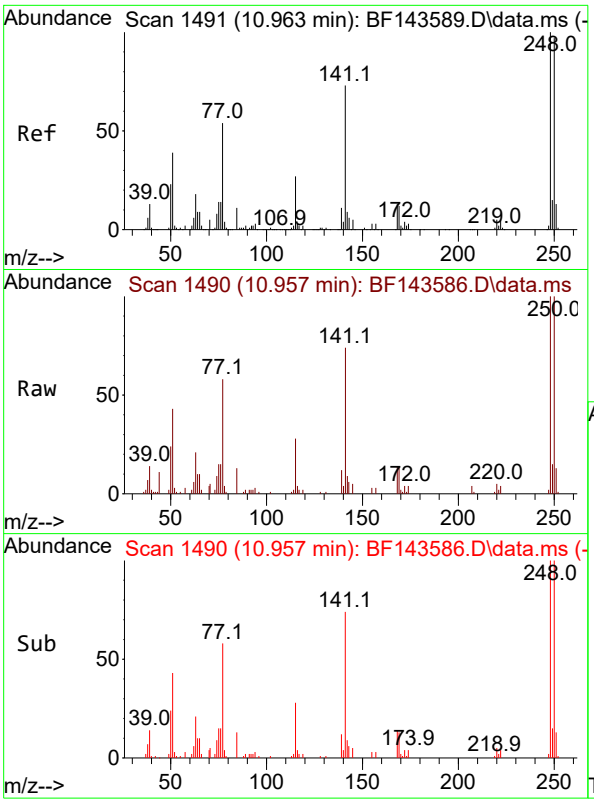


#66
n-Nitrosodiphenylamine
Concen: 5.453 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion:169 Resp: 84087

Ion	Ratio	Lower	Upper
169	100		
168	63.8	53.1	79.7
167	35.0	29.3	43.9



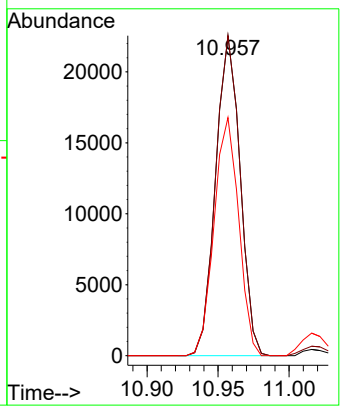


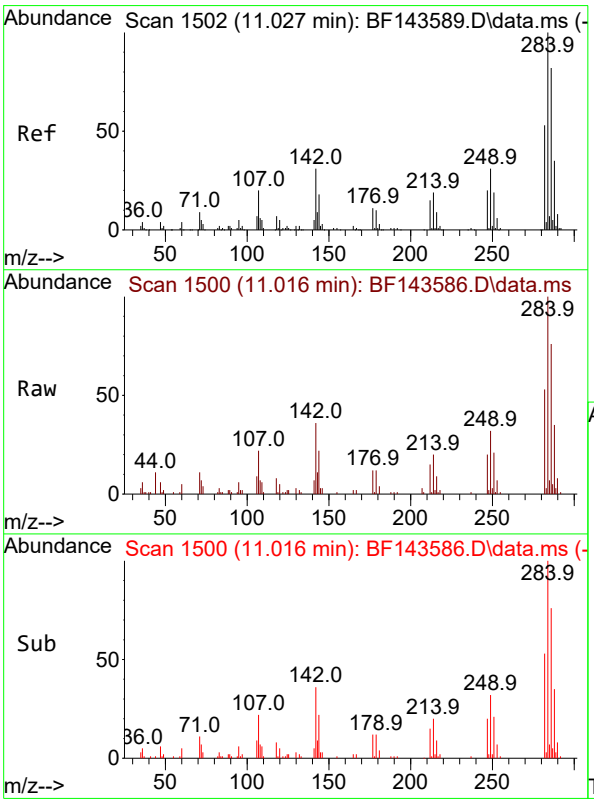
#67
4-Bromophenyl-phenylether
Concen: 5.156 ng
RT: 10.957 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 27033

Ion	Ratio	Lower	Upper
248	100		
250	100.0	77.8	116.6
141	74.4	58.5	87.7

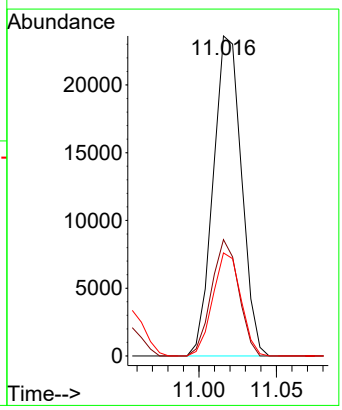


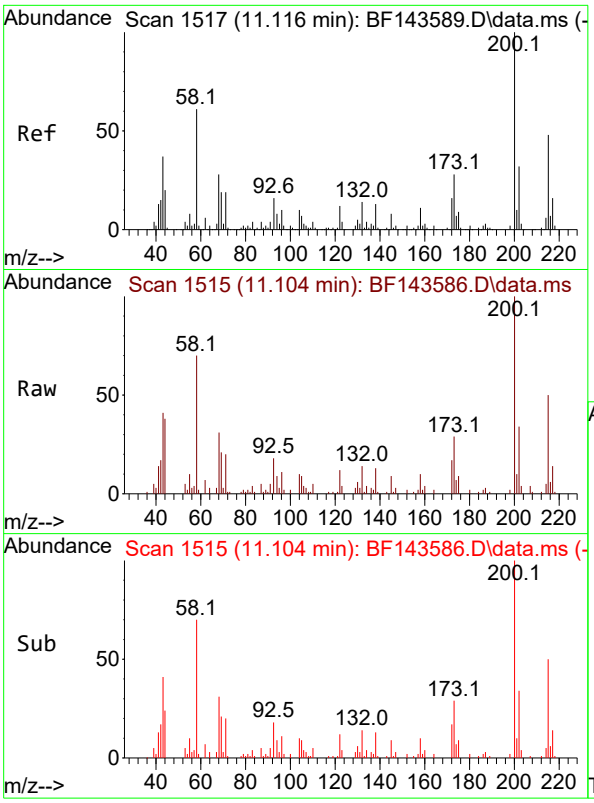


#68
Hexachlorobenzene
Concen: 5.346 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.011 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion:284 Resp: 29981

Ion	Ratio	Lower	Upper
284	100		
142	36.3	24.7	37.1
249	32.2	25.0	37.6



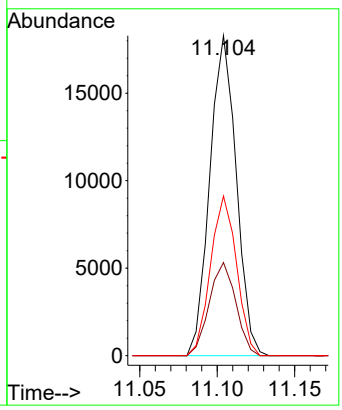


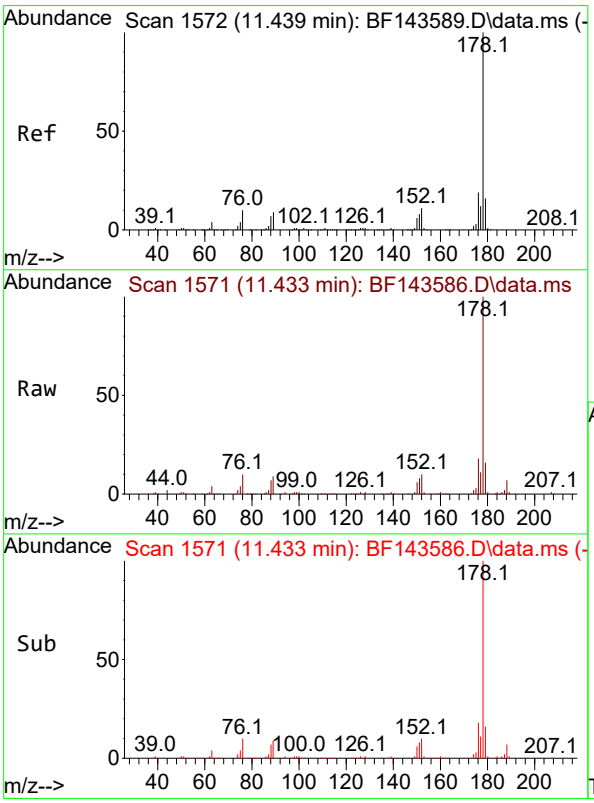
#69
Atrazine
Concen: 4.889 ng
RT: 11.104 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:200 Resp: 21668

Ion	Ratio	Lower	Upper
200	100		
173	29.1	7.6	47.6
215	49.9	28.3	68.3

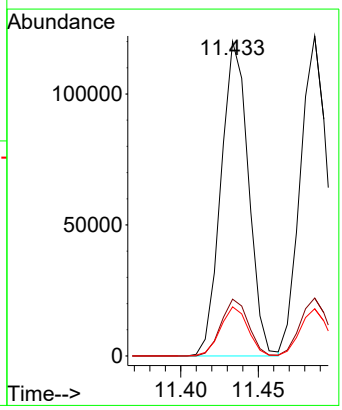


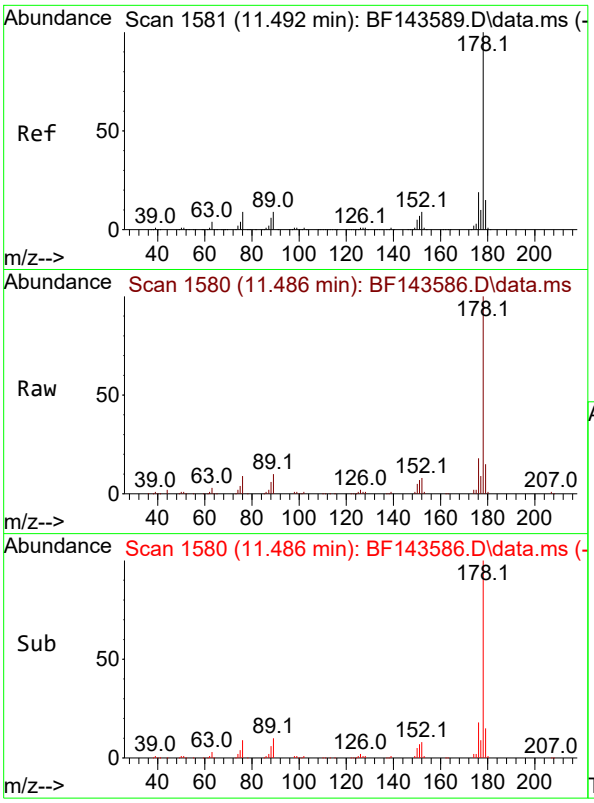


#71
Phenanthrene
Concen: 5.711 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion:178 Resp: 148228

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.6	23.4
179	15.6	12.5	18.7



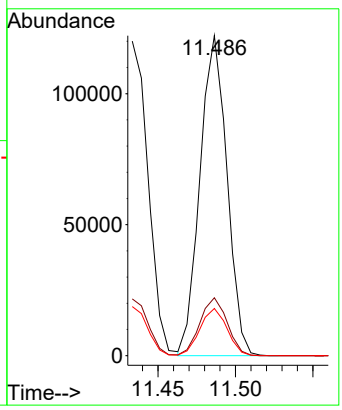


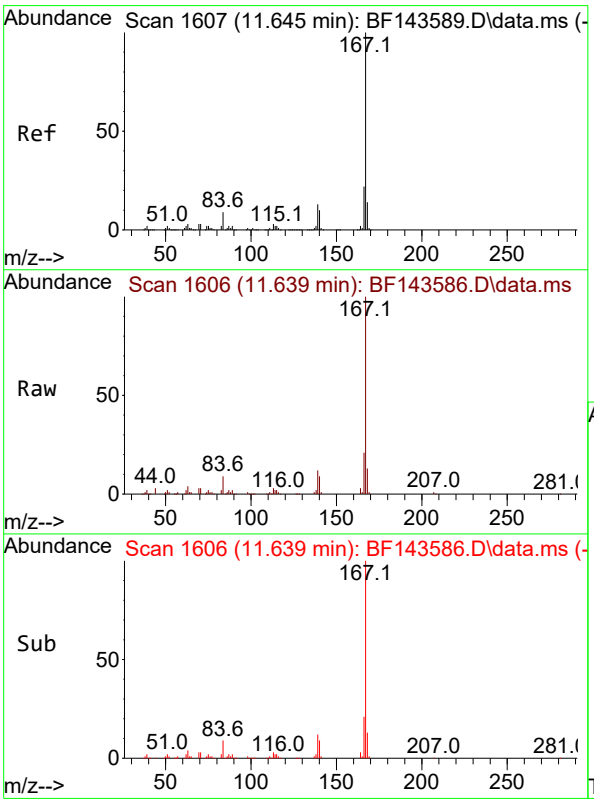
#72
Anthracene
Concen: 5.665 ng
RT: 11.486 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 148171

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.0	22.6
179	14.8	12.4	18.6

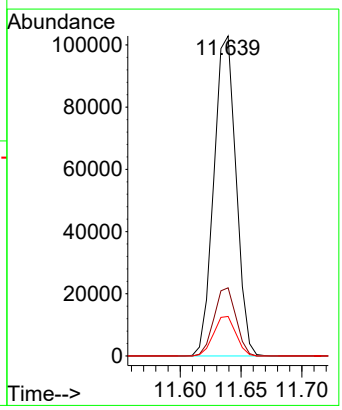


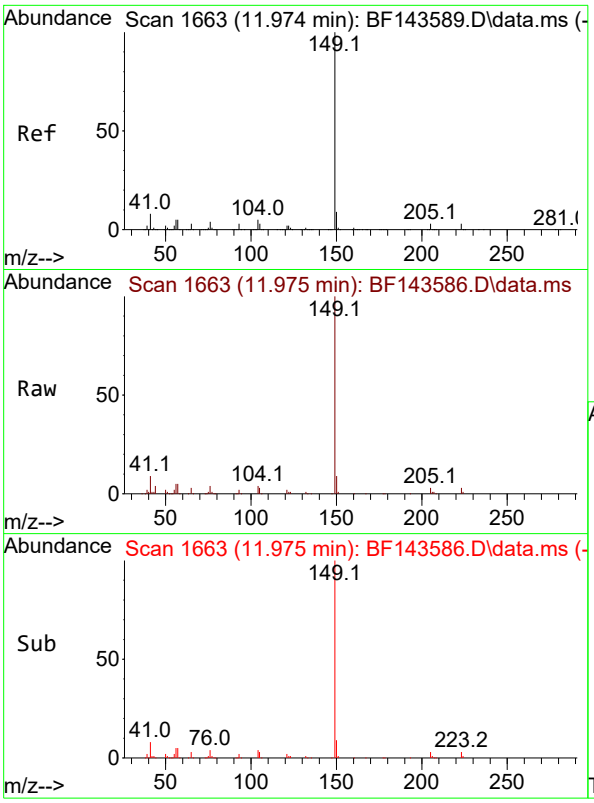


#73
Carbazole
Concen: 5.779 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion:167 Resp: 130648

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.3	25.9
139	12.4	10.4	15.6



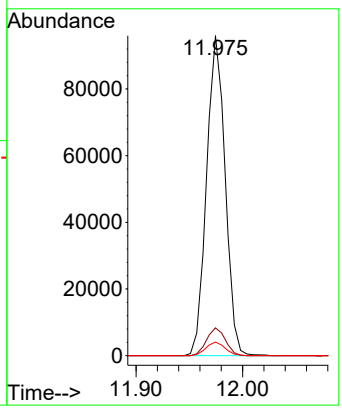


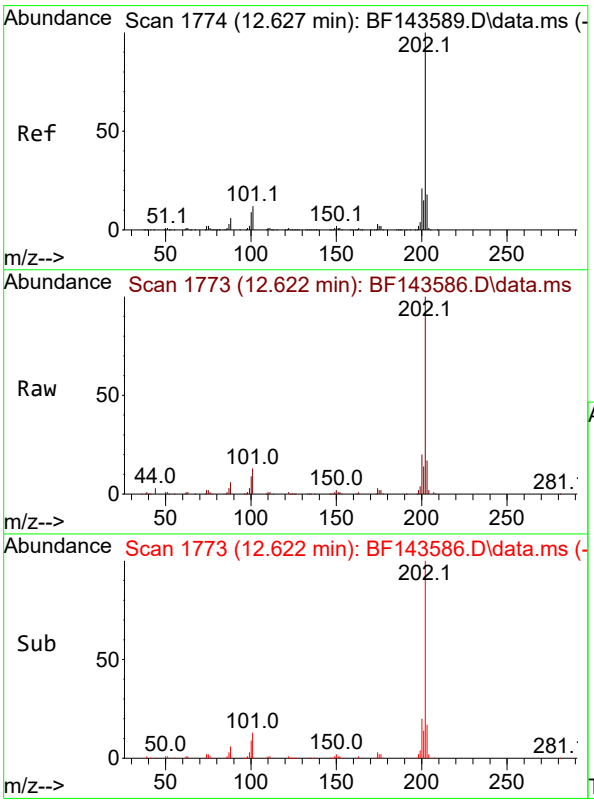
#74
Di-n-butylphthalate
Concen: 5.056 ng
RT: 11.975 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 116439

Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.4	11.2
104	4.3	3.6	5.4

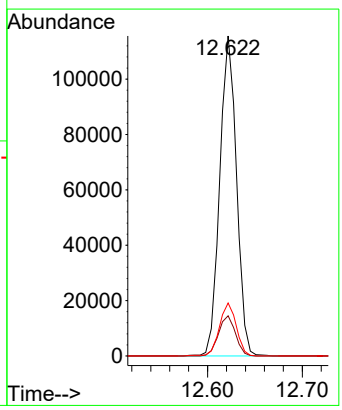


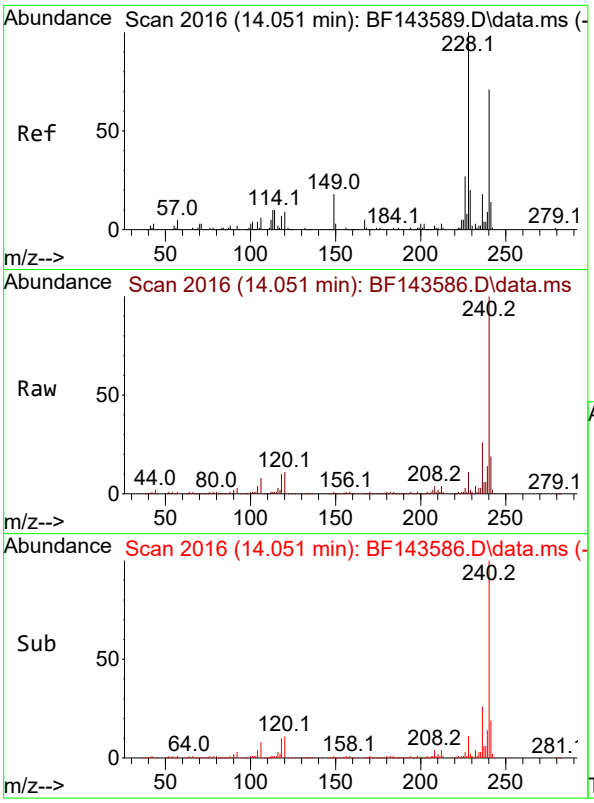


#75
Fluoranthene
Concen: 6.015 ng
RT: 12.622 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion:202 Resp: 142545

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	32.3
203	16.5	0.0	37.5



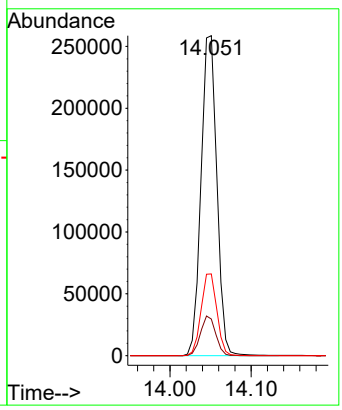


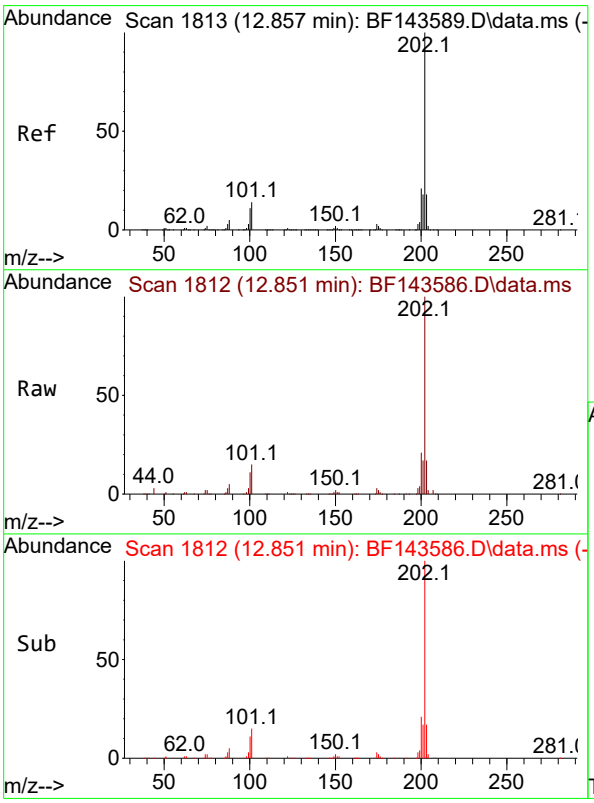
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 349462

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.6	14.4
236	25.6	20.2	30.2

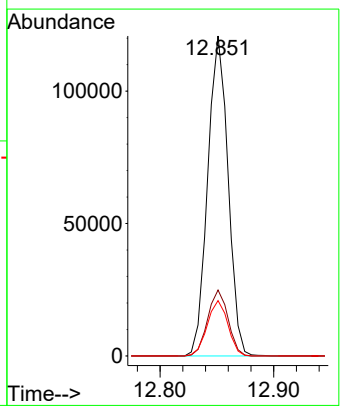


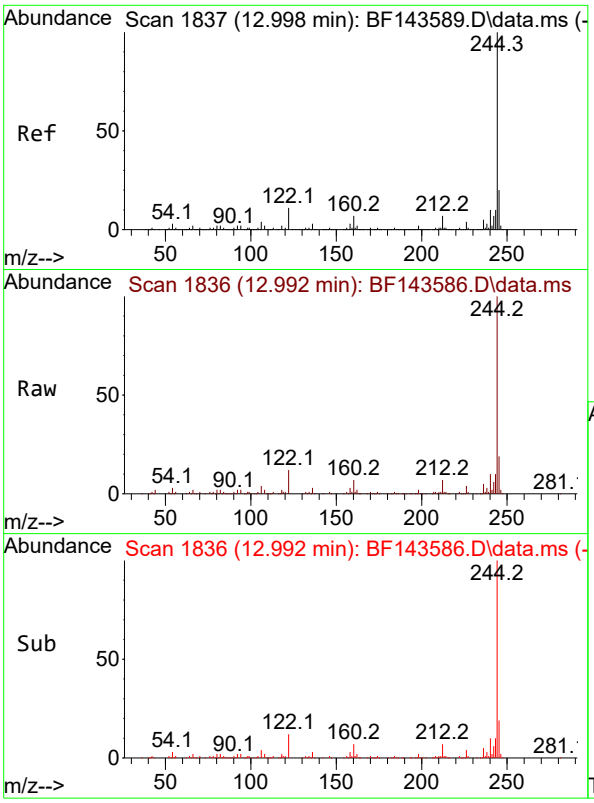


#78
Pyrene
Concen: 5.143 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion:202 Resp: 150423

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.0	25.4
203	17.3	14.2	21.4



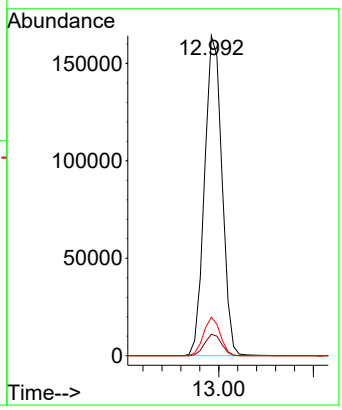


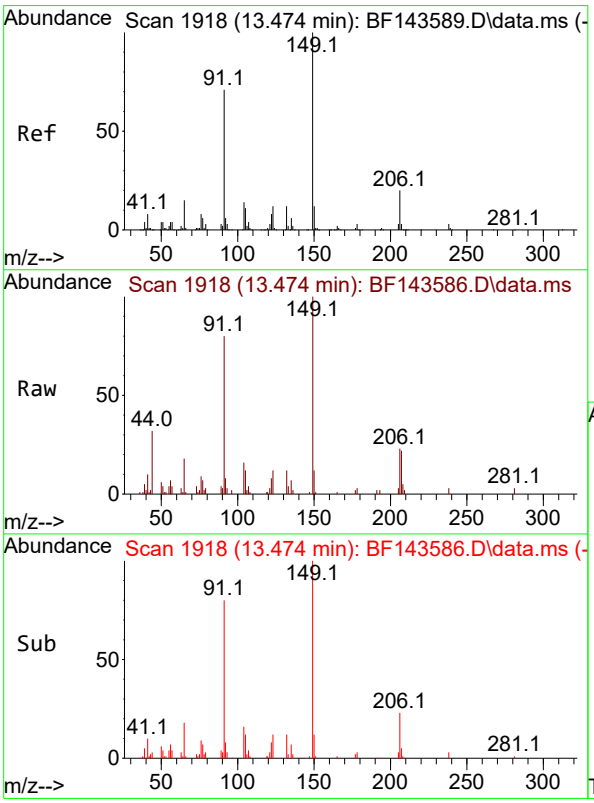
#79
Terphenyl-d14
Concen: 10.757 ng
RT: 12.992 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 209489

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	12.0	8.8	13.2

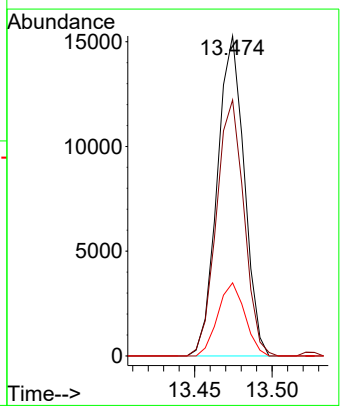


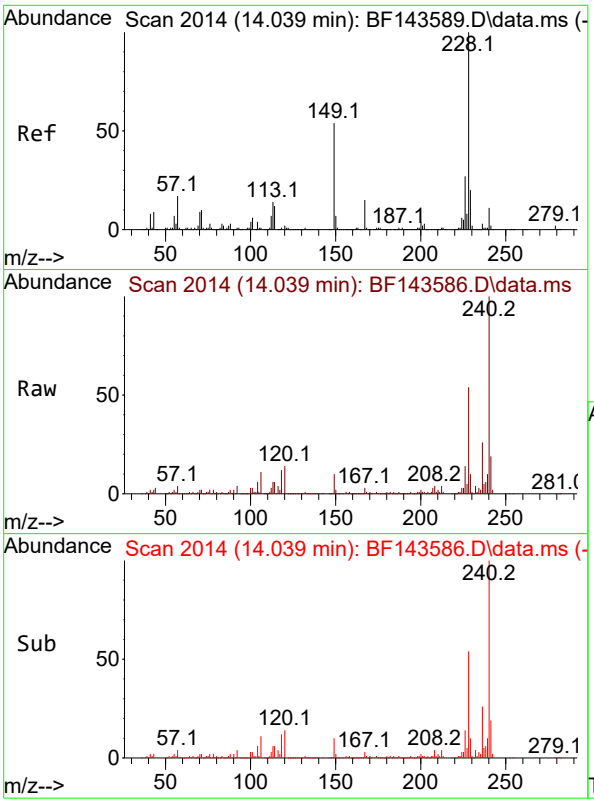


#80
Butylbenzylphthalate
Concen: 5.732 ng
RT: 13.474 min Scan# 1918
Delta R.T. 0.000 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion:149 Resp: 18457

Ion	Ratio	Lower	Upper
149	100		
91	80.0	56.8	85.2
206	22.9	16.2	24.2



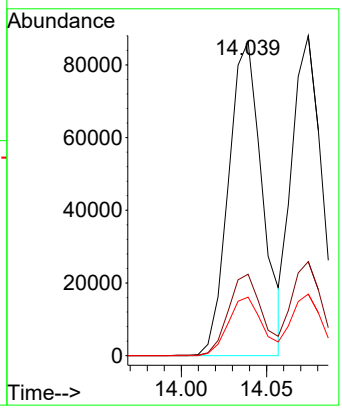


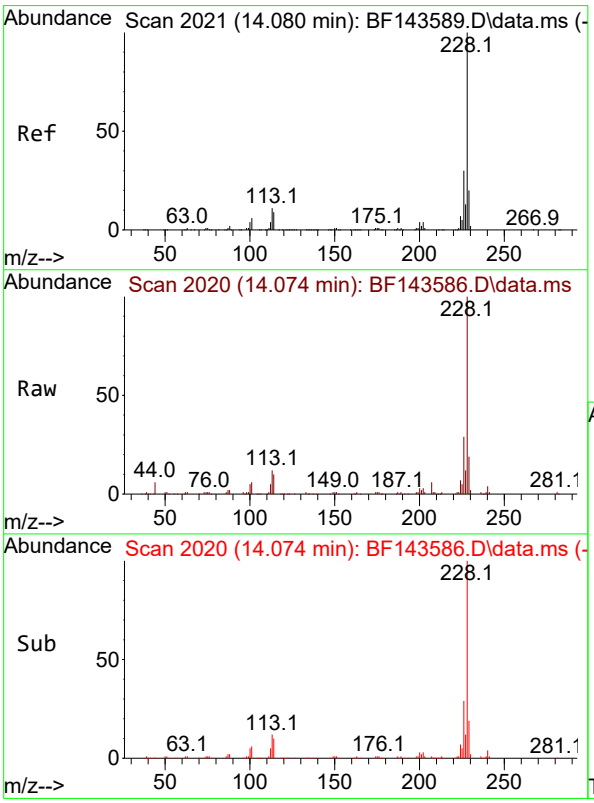
#81
Benzo(a)anthracene
Concen: 5.426 ng
RT: 14.039 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 119294

Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.8	32.8
229	18.7	16.1	24.1

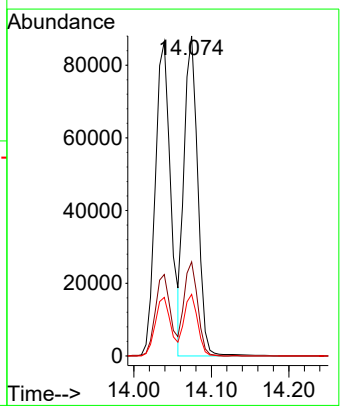


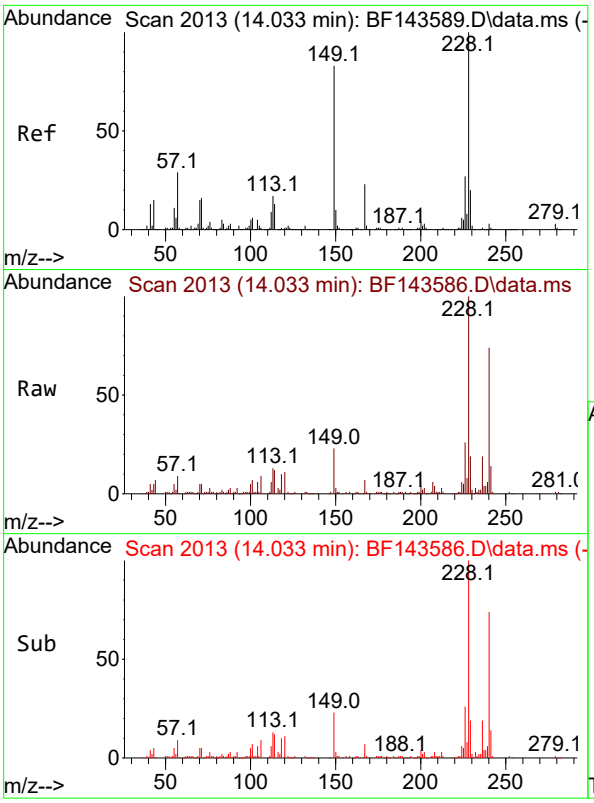


#83
Chrysene
Concen: 5.285 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion:228 Resp: 108288

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.2	36.2
229	19.3	15.8	23.8



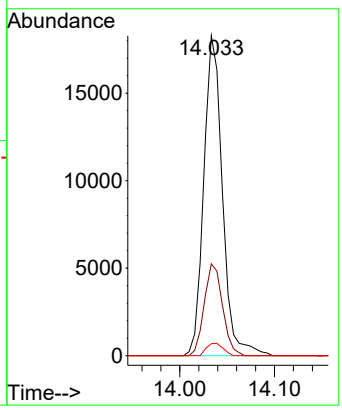


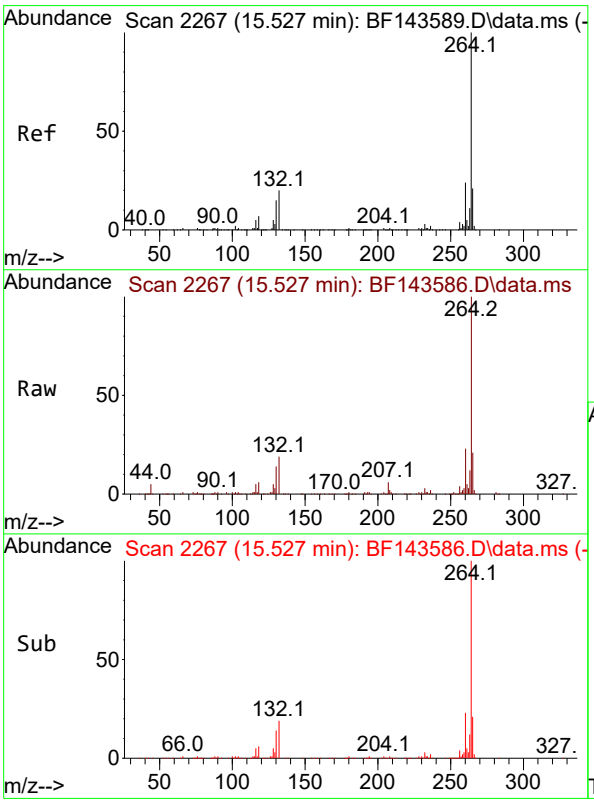
#84
Bis(2-ethylhexyl)phthalate
Concen: 5.412 ng
RT: 14.033 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 24938

Ion	Ratio	Lower	Upper
149	100		
167	28.7	21.8	32.8
279	3.8	2.9	4.3

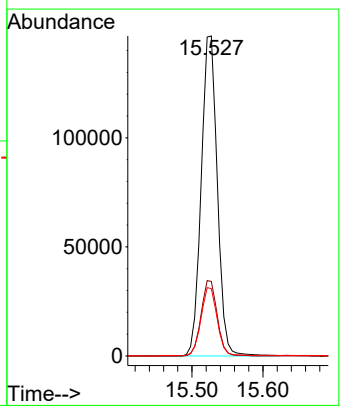


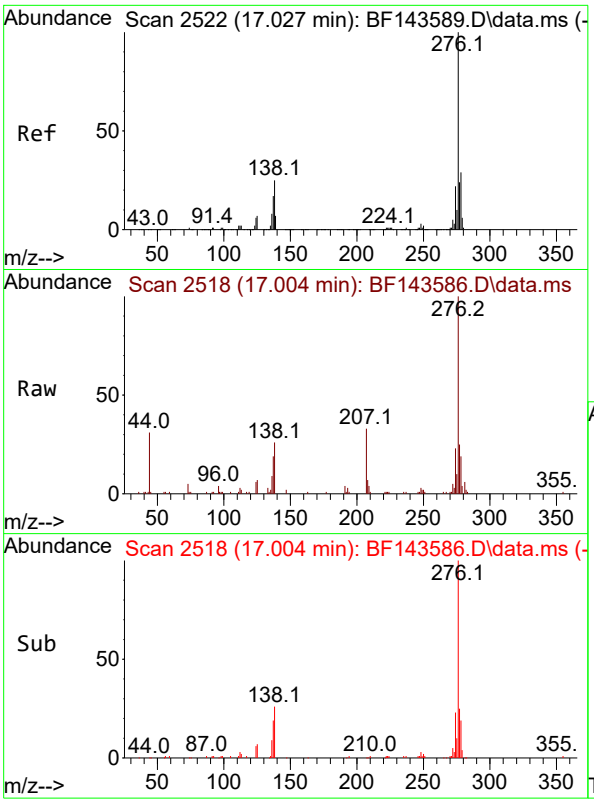


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion:264 Resp: 232024

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	21.1	17.0	25.4



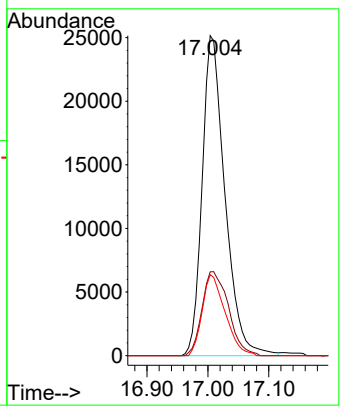


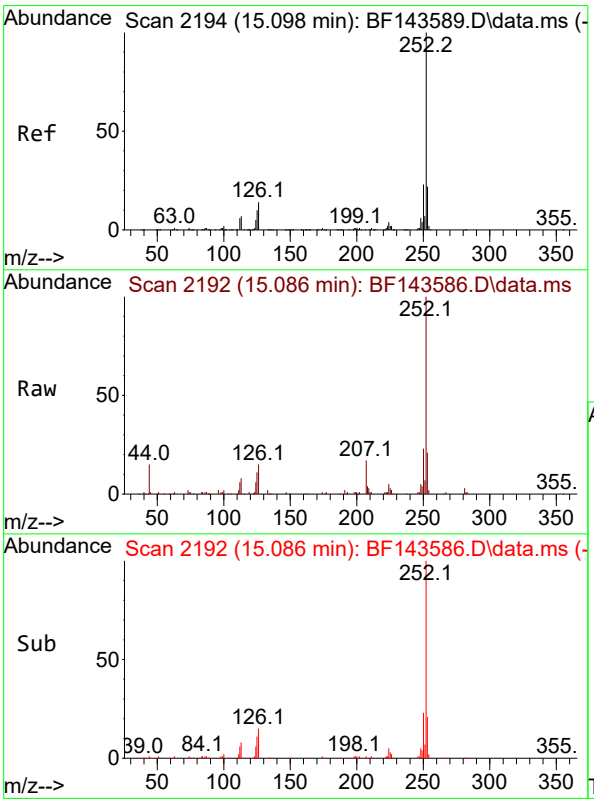
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.143 ng
RT: 17.004 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 65396

Ion	Ratio	Lower	Upper
276	100		
138	30.4	22.3	33.5
277	25.4	20.0	30.0

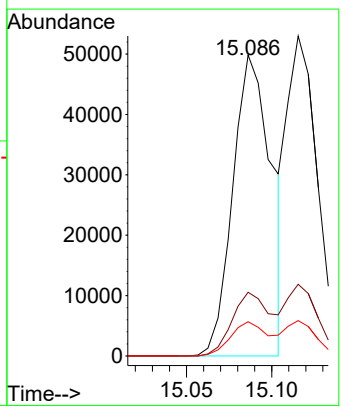


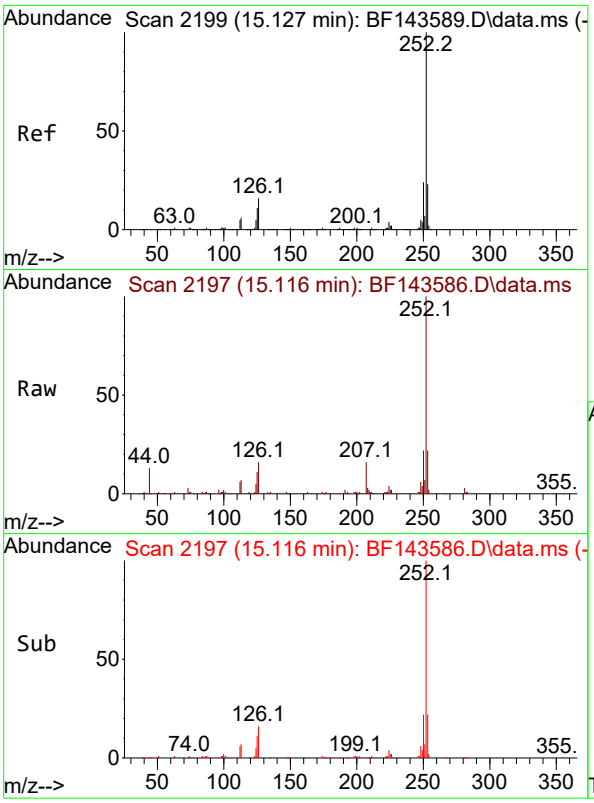


#88
Benzo(b)fluoranthene
Concen: 5.924 ng
RT: 15.086 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion:252 Resp: 78541

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.5	26.3
125	11.4	8.2	12.2



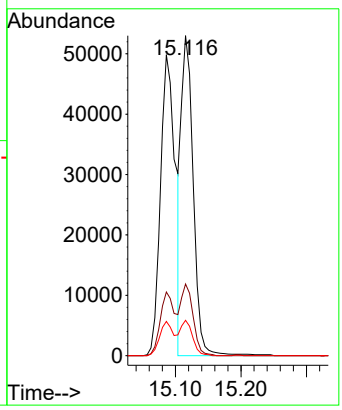


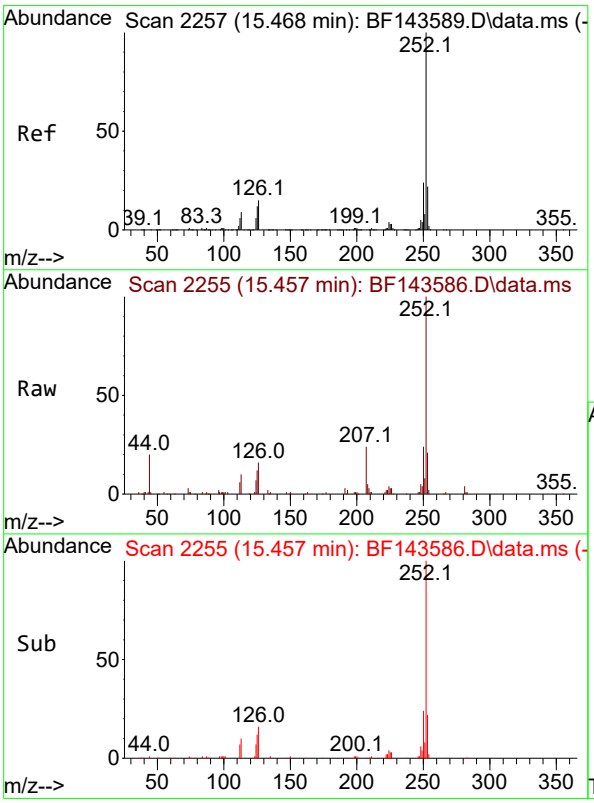
#89
Benzo(k)fluoranthene
Concen: 5.469 ng
RT: 15.116 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 67793

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	11.1	8.2	12.4

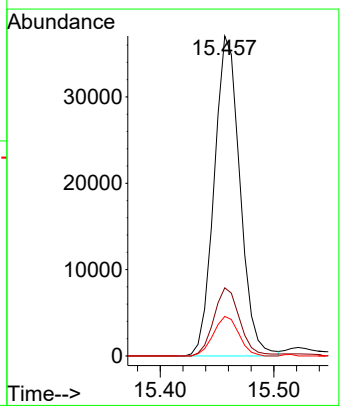


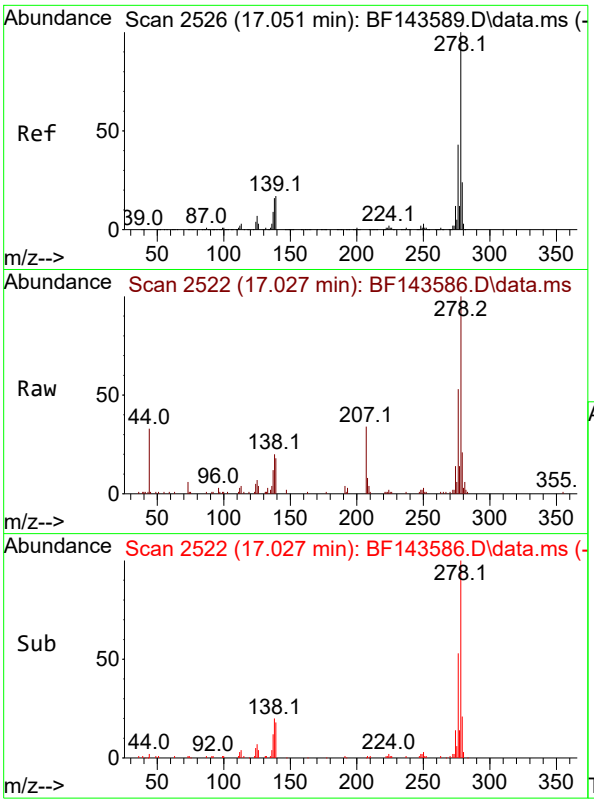


#90
Benzo(a)pyrene
Concen: 4.988 ng
RT: 15.457 min Scan# 2255
Delta R.T. -0.012 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion:252 Resp: 58428

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.2
125	12.3	9.2	13.8



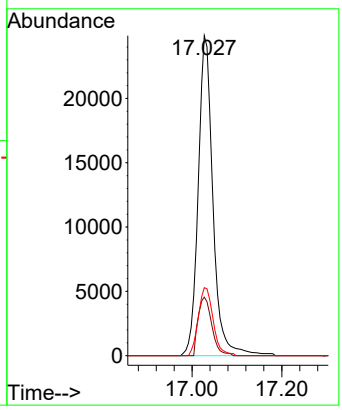


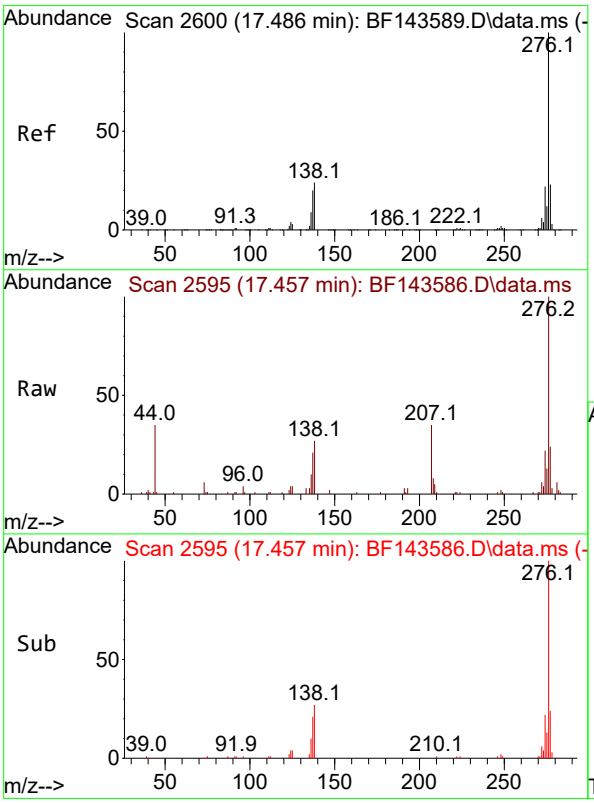
#91
Dibenzo(a,h)anthracene
Concen: 4.400 ng
RT: 17.027 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:278 Resp: 56842

Ion	Ratio	Lower	Upper
278	100		
139	18.3	13.8	20.8
279	21.3	19.4	29.0

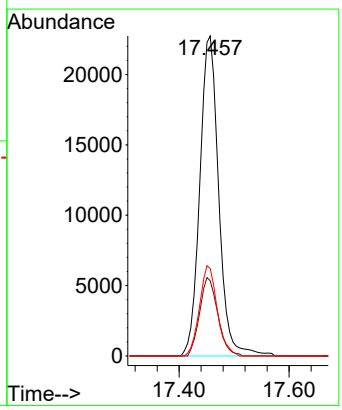




#92
Benzo(g,h,i)perylene
Concen: 4.238 ng
RT: 17.457 min Scan# 2595
Delta R.T. -0.029 min
Lab File: BF143586.D
Acq: 26 Aug 2025 09:39

Tgt Ion:276 Resp: 54208

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	27.8
138	27.4	19.1	28.7



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143587.D
Acq On : 26 Aug 2025 10:08
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Aug 26 16:11:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	127637	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	491820	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	275174	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	444330	20.000	ng		0.00
76) Chrysene-d12	14.051	240	290126	20.000	ng		0.00
86) Perylene-d12	15.527	264	223823	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	156048	20.808	ng		0.00
7) Phenol-d6	6.498	99	193879	20.873	ng		-0.01
23) Nitrobenzene-d5	7.445	82	101569	14.745	ng		-0.01
42) 2,4,6-Tribromophenol	10.710	330	39255	18.242	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	355018	22.059	ng		0.00
79) Terphenyl-d14	12.998	244	351930	21.768	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	36931	10.066	ng		99
3) Pyridine	3.446	79	85567	9.288	ng		99
4) n-Nitrosodimethylamine	3.369	42	42685	9.737	ng	#	97
6) Aniline	6.551	93	129915	10.019	ng		99
8) 2-Chlorophenol	6.669	128	80580	10.156	ng		99
9) Benzaldehyde	6.440	77	68610	9.817	ng		100
10) Phenol	6.510	94	107505	10.319	ng		99
11) bis(2-Chloroethyl)ether	6.622	93	83364	10.443	ng		98
12) 1,3-Dichlorobenzene	6.834	146	96108	10.545	ng		98
13) 1,4-Dichlorobenzene	6.910	146	96838	10.538	ng		99
14) 1,2-Dichlorobenzene	7.063	146	90801	10.417	ng		97
15) Benzyl Alcohol	7.022	79	68567	9.850	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	156263	10.605	ng		99
17) 2-Methylphenol	7.128	107	68692	10.199	ng		97
18) Hexachloroethane	7.404	117	28837	9.876	ng		97
19) n-Nitroso-di-n-propyla...	7.292	70	60680	10.312	ng		99
20) 3+4-Methylphenols	7.281	107	88613	10.712	ng		90
22) Acetophenone	7.292	105	119142	10.757	ng		99
24) Nitrobenzene	7.463	77	61533	8.332	ng		97
25) Isophorone	7.704	82	162786	10.099	ng		100
26) 2-Nitrophenol	7.787	139	13799	8.999	ng		99
27) 2,4-Dimethylphenol	7.816	122	68857	9.818	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	101030	10.359	ng		98
29) 2,4-Dichlorophenol	8.022	162	65828	9.742	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	73124	10.364	ng		100
31) Naphthalene	8.192	128	253033	10.649	ng		100
32) Benzoic acid	7.869	122	11533	10.497	ng		99
33) 4-Chloroaniline	8.239	127	86526	10.307	ng		98
34) Hexachlorobutadiene	8.316	225	46582	10.478	ng		97
35) Caprolactam	8.569	113	17550	9.142	ng		95
36) 4-Chloro-3-methylphenol	8.704	107	69816	9.882	ng		98
37) 2-Methylnaphthalene	8.886	142	168450	10.734	ng		98
38) 1-Methylnaphthalene	8.981	142	163677	10.807	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	74627	10.426	ng		98
41) Hexachlorocyclopentadiene	9.039	237	27668	7.858	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	44065	9.317	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143587.D
Acq On : 26 Aug 2025 10:08
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Aug 26 16:11:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

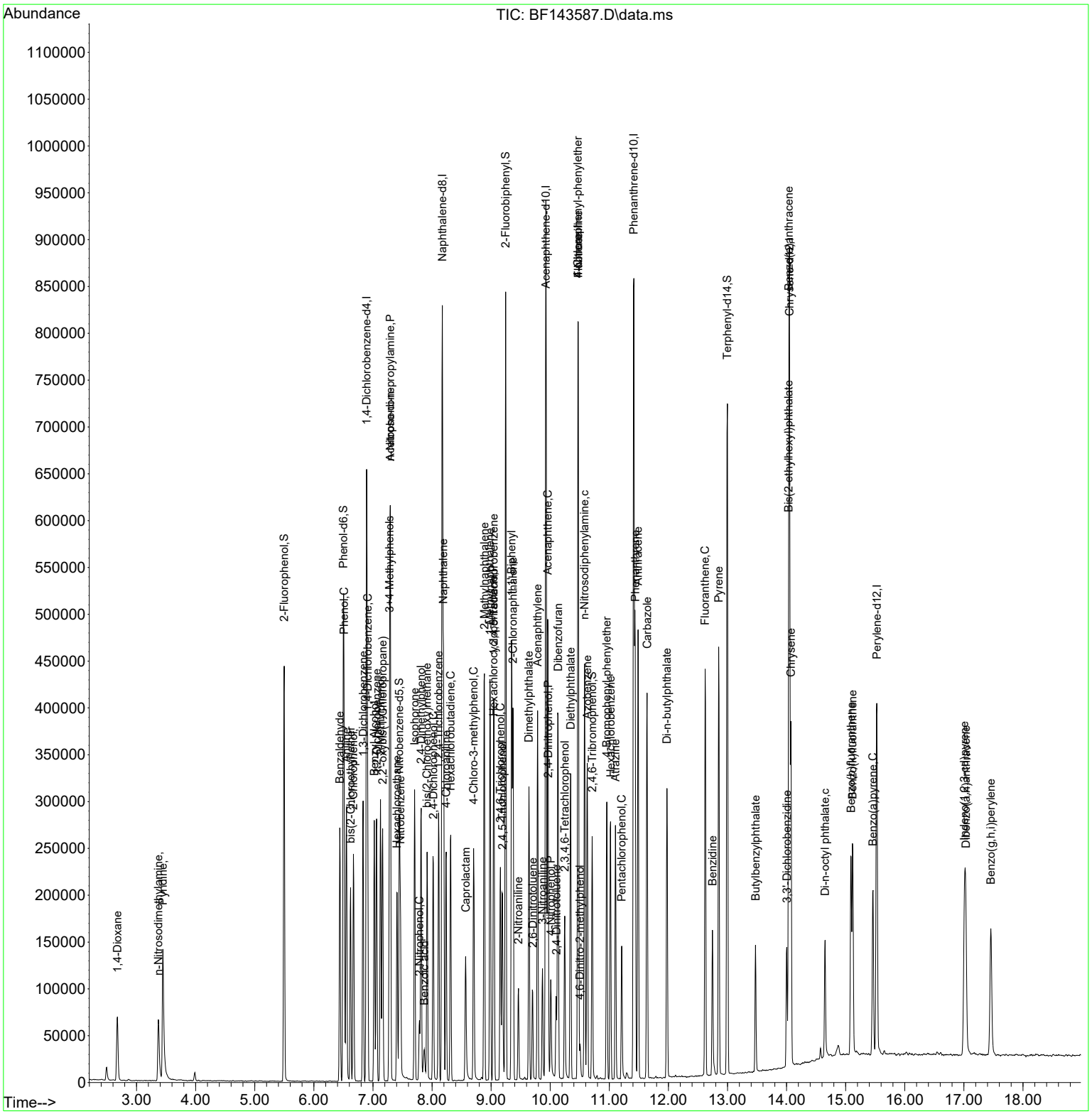
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.192	196	44113	9.230	ng		99
46)	1,1'-Biphenyl	9.345	154	205410	10.758	ng		99
47)	2-Chloronaphthalene	9.369	162	159704	10.588	ng		98
48)	2-Nitroaniline	9.463	65	20168	8.688	ng		96
49)	Acenaphthylene	9.786	152	230210	10.490	ng		99
50)	Dimethylphthalate	9.639	163	174143	10.289	ng		98
51)	2,6-Dinitrotoluene	9.704	165	12319	8.683	ng		93
52)	Acenaphthene	9.957	154	151712	10.554	ng		99
53)	3-Nitroaniline	9.869	138	17423	8.829	ng	#	84
54)	2,4-Dinitrophenol	9.969	184	2815	10.793	ng	#	1
55)	Dibenzofuran	10.133	168	224726	10.663	ng		98
56)	4-Nitrophenol	10.010	139	15629	10.297	ng		92
57)	2,4-Dinitrotoluene	10.104	165	16465	8.819	ng		96
58)	Fluorene	10.475	166	174729	11.042	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.245	232	30861	8.734	ng	#	98
60)	Diethylphthalate	10.345	149	164893	10.396	ng		100
61)	4-Chlorophenyl-phenyle...	10.469	204	84817	10.960	ng		96
62)	4-Nitroaniline	10.475	138	19692	9.171	ng		91
63)	Azobenzene	10.628	77	168877	10.501	ng		99
65)	4,6-Dinitro-2-methylph...	10.504	198	4554	10.835	ng		79
66)	n-Nitrosodiphenylamine	10.580	169	147463	10.434	ng		98
67)	4-Bromophenyl-phenylether	10.957	248	48723	10.138	ng		95
68)	Hexachlorobenzene	11.022	284	53046	10.319	ng		98
69)	Atrazine	11.104	200	40951	10.080	ng		96
70)	Pentachlorophenol	11.210	266	22523	7.668	ng		99
71)	Phenanthrene	11.439	178	258097	10.849	ng		99
72)	Anthracene	11.486	178	259415	10.820	ng		99
73)	Carbazole	11.639	167	226326	10.921	ng		99
74)	Di-n-butylphthalate	11.974	149	215157	10.193	ng		99
75)	Fluoranthene	12.621	202	244534	11.257	ng		99
77)	Benzidine	12.745	184	86805	12.632	ng		100
78)	Pyrene	12.851	202	256479	10.563	ng		99
80)	Butylbenzylphthalate	13.474	149	39991	9.054	ng		99
81)	Benzo(a)anthracene	14.039	228	185114	10.142	ng		98
82)	3,3'-Dichlorobenzidine	14.004	252	39296	8.030	ng		98
83)	Chrysene	14.074	228	170363	10.015	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.033	149	57632	9.290	ng		100
85)	Di-n-octyl phthalate	14.651	149	81881	10.276	ng		96
87)	Indeno(1,2,3-cd)pyrene	17.009	276	147309	9.673	ng		99
88)	Benzo(b)fluoranthene	15.092	252	135213	10.573	ng		98
89)	Benzo(k)fluoranthene	15.115	252	126261	10.559	ng		98
90)	Benzo(a)pyrene	15.462	252	111234	9.844	ng		99
91)	Dibenzo(a,h)anthracene	17.033	278	122340	9.816	ng		98
92)	Benzo(g,h,i)perylene	17.456	276	119872	9.715	ng		99

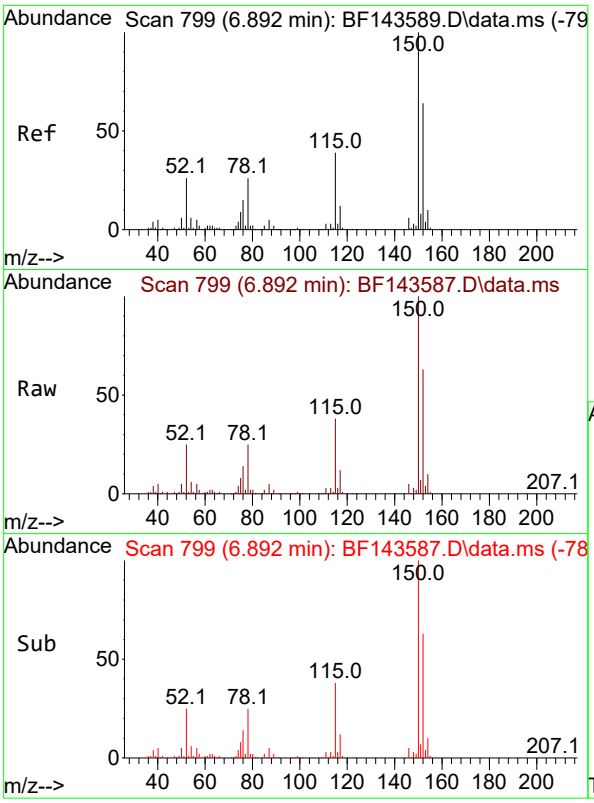
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143587.D
Acq On : 26 Aug 2025 10:08
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Aug 26 16:11:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration



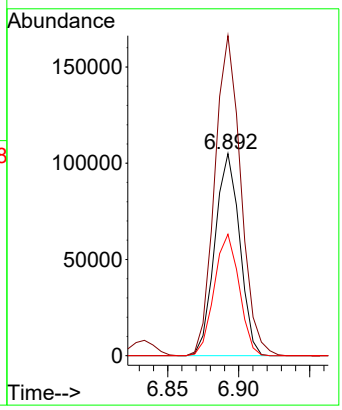


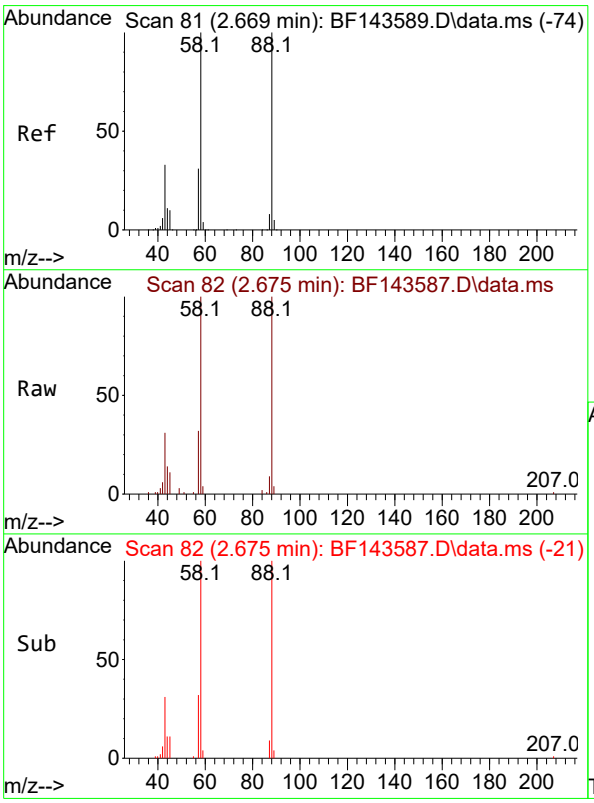
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 127637

Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.9	187.3
115	60.1	48.0	72.0

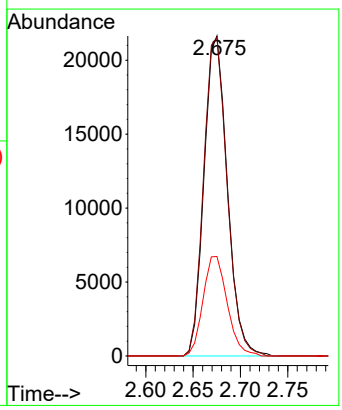


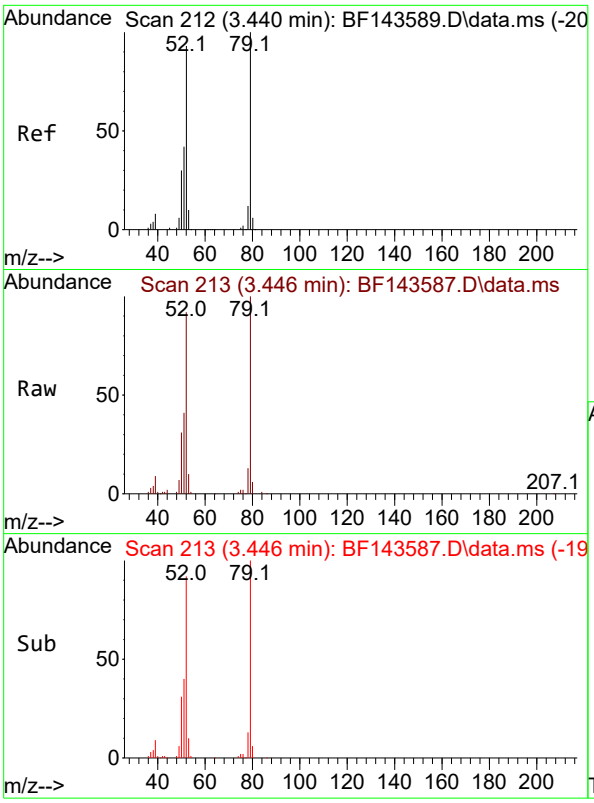


#2
1,4-Dioxane
Concen: 10.066 ng
RT: 2.675 min Scan# 82
Delta R.T. 0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion: 88 Resp: 36931

Ion	Ratio	Lower	Upper
88	100		
58	100.4	79.2	118.8
43	32.4	26.2	39.2



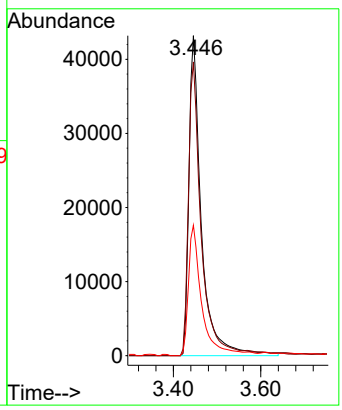


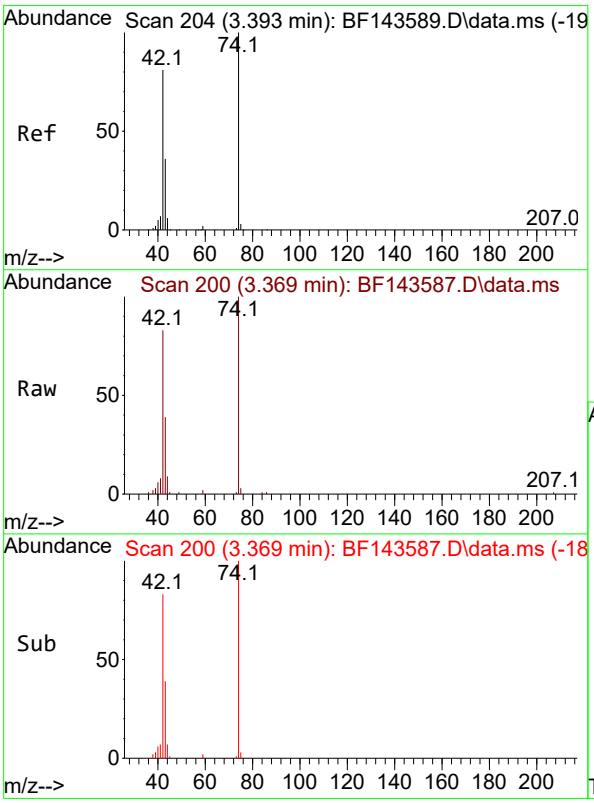
#3
Pyridine
Concen: 9.288 ng
RT: 3.446 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 85567

Ion	Ratio	Lower	Upper
79	100		
52	91.8	74.3	111.5
51	40.7	33.5	50.3

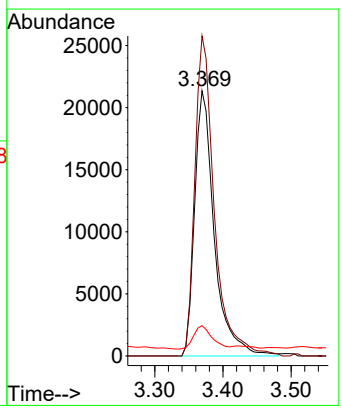


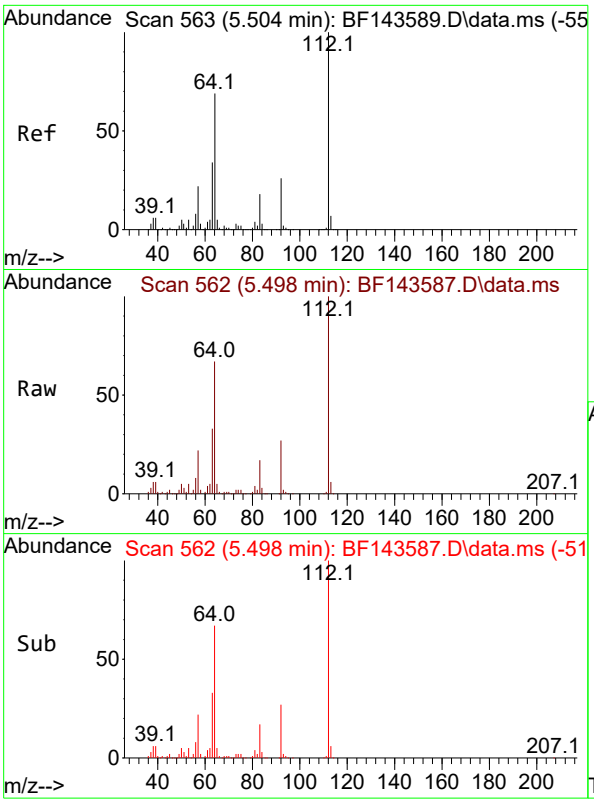


#4
n-Nitrosodimethylamine
Concen: 9.737 ng
RT: 3.369 min Scan# 200
Delta R.T. -0.023 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion: 42 Resp: 42685

Ion	Ratio	Lower	Upper
42	100		
74	120.7	98.9	148.3
44	11.4	7.0	10.4#



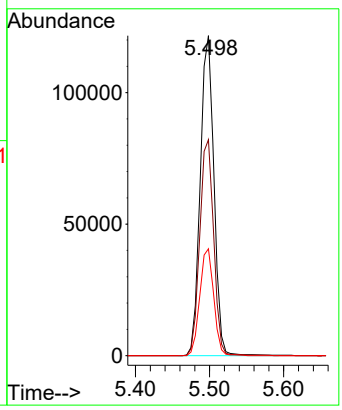


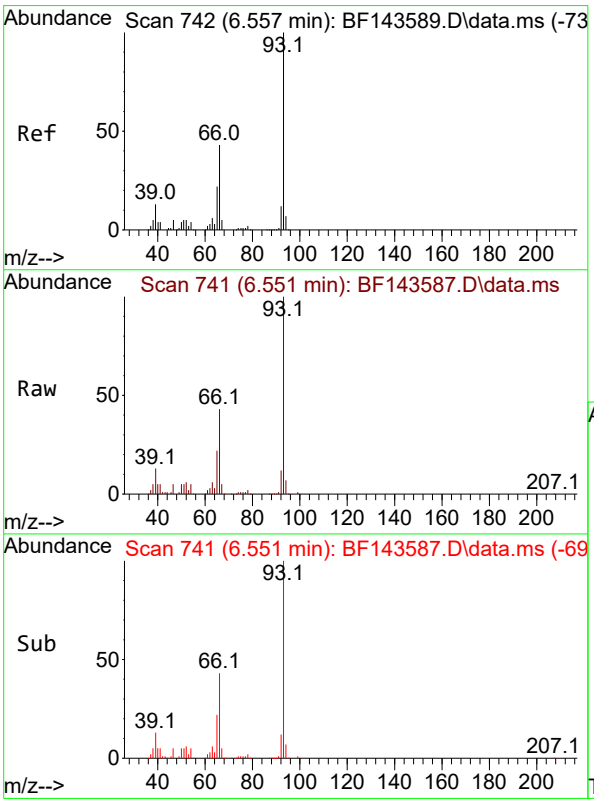
#5
2-Fluorophenol
Concen: 20.808 ng
RT: 5.498 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 156048

Ion	Ratio	Lower	Upper
112	100		
64	67.5	54.8	82.2
63	33.4	27.6	41.4

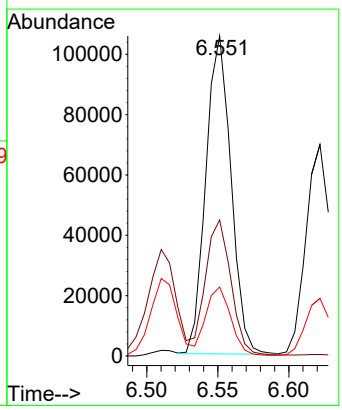


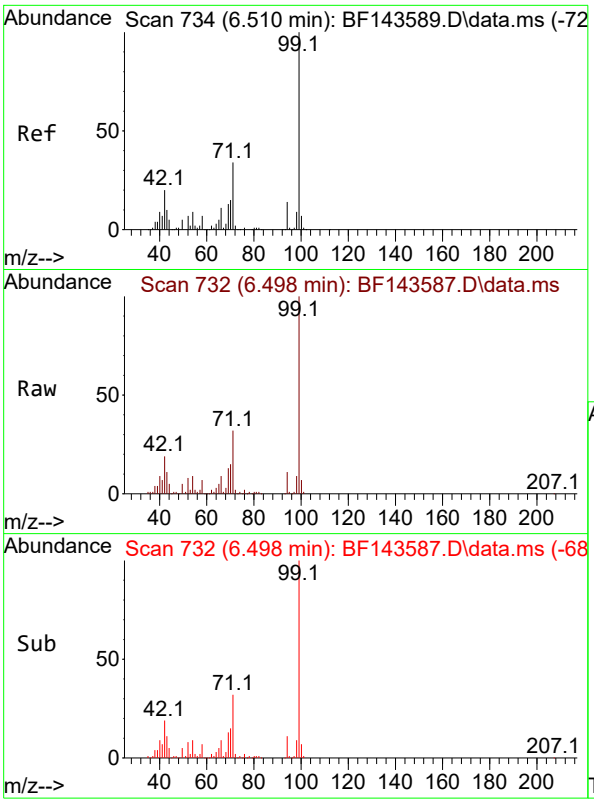


#6
Aniline
Concen: 10.019 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion: 93 Resp: 129915

Ion	Ratio	Lower	Upper
93	100		
66	42.5	35.0	52.4
65	21.6	17.5	26.3



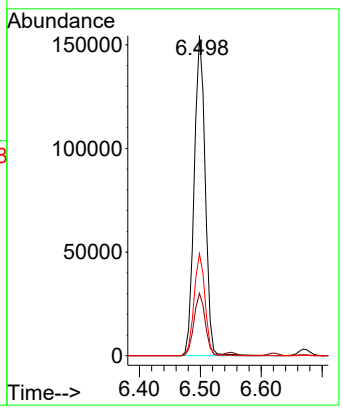


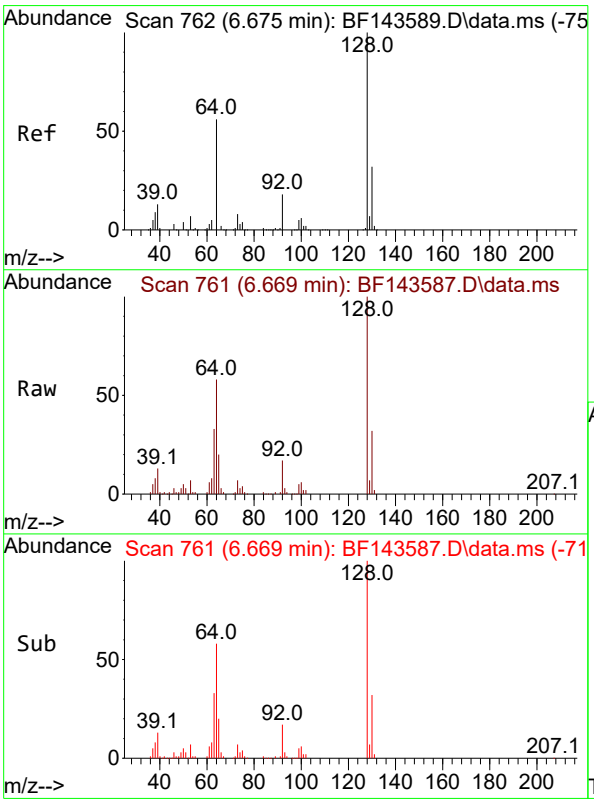
#7
Phenol-d6
Concen: 20.873 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 193879

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.9	23.9
71	31.9	27.2	40.8

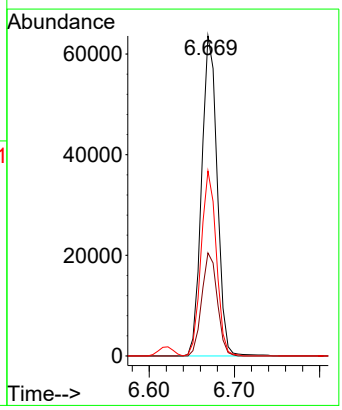


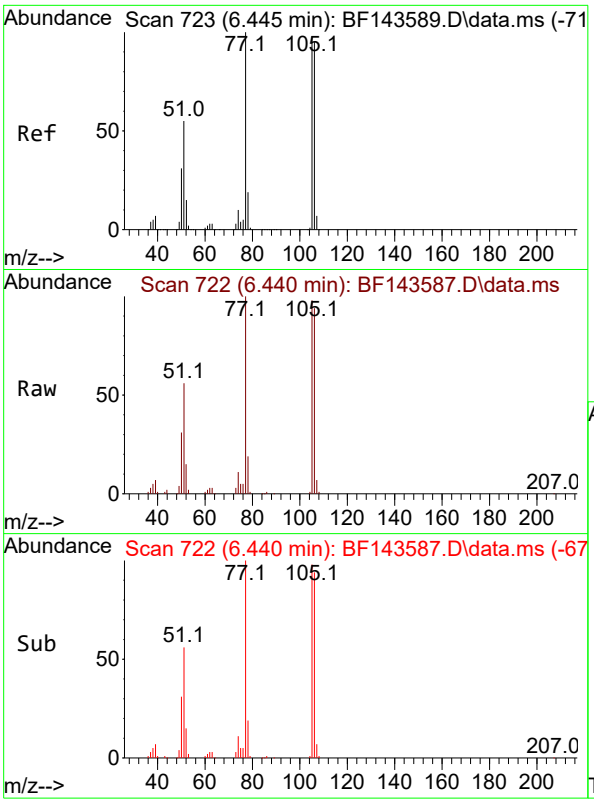


#8
2-Chlorophenol
Concen: 10.156 ng
RT: 6.669 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:128 Resp: 80580

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.3	52.3
64	57.8	38.4	78.4



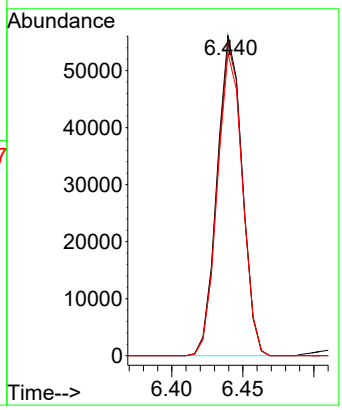


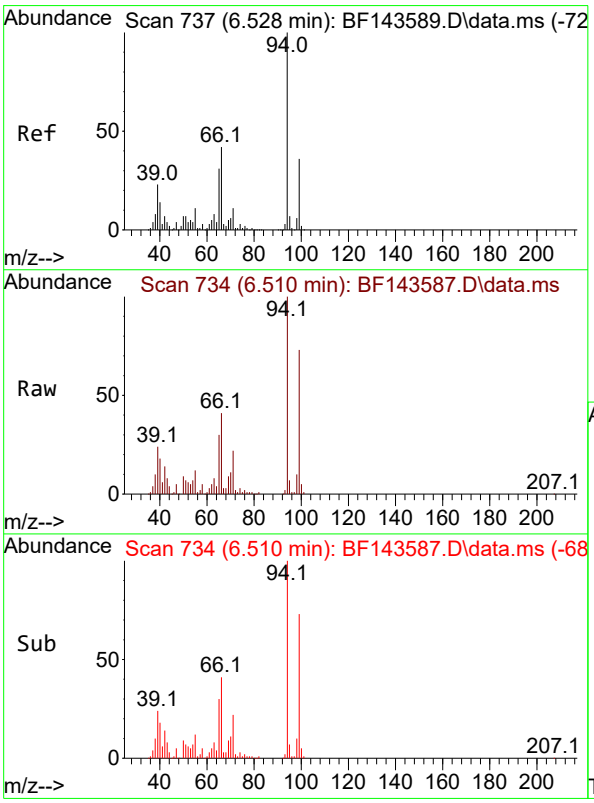
#9
Benzaldehyde
Concen: 9.817 ng
RT: 6.440 min Scan# 7
Delta R.T. -0.005 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 68610

Ion	Ratio	Lower	Upper
77	100		
105	97.7	77.9	117.9
106	94.5	74.9	114.9

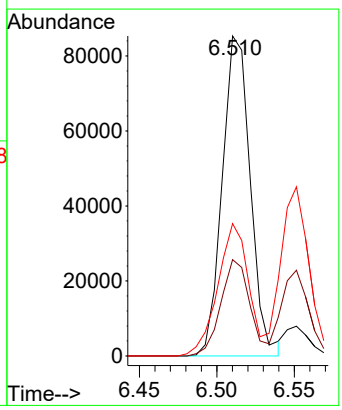


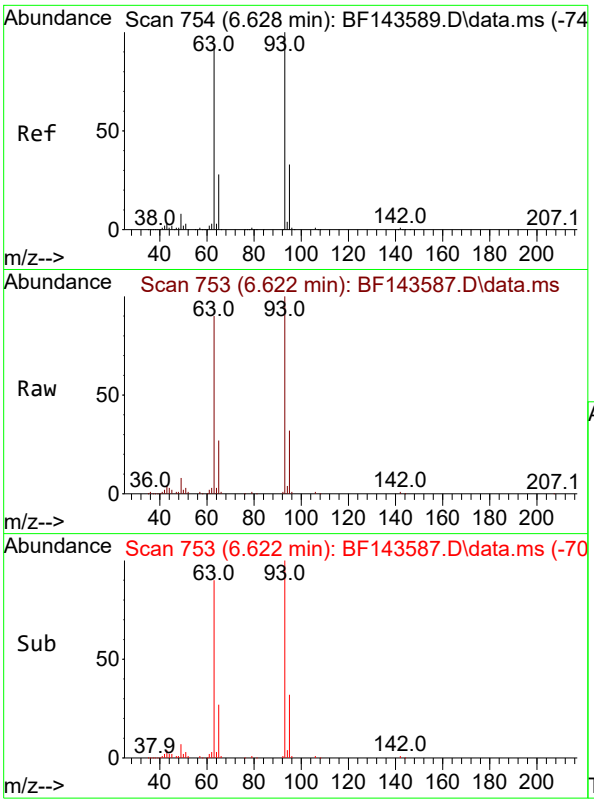


#10
Phenol
Concen: 10.319 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.018 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion: 94 Resp: 107505

Ion	Ratio	Lower	Upper
94	100		
65	30.1	11.0	51.0
66	41.3	22.1	62.1



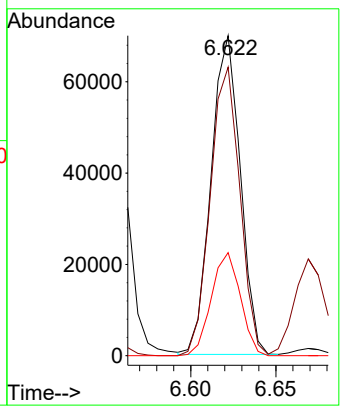


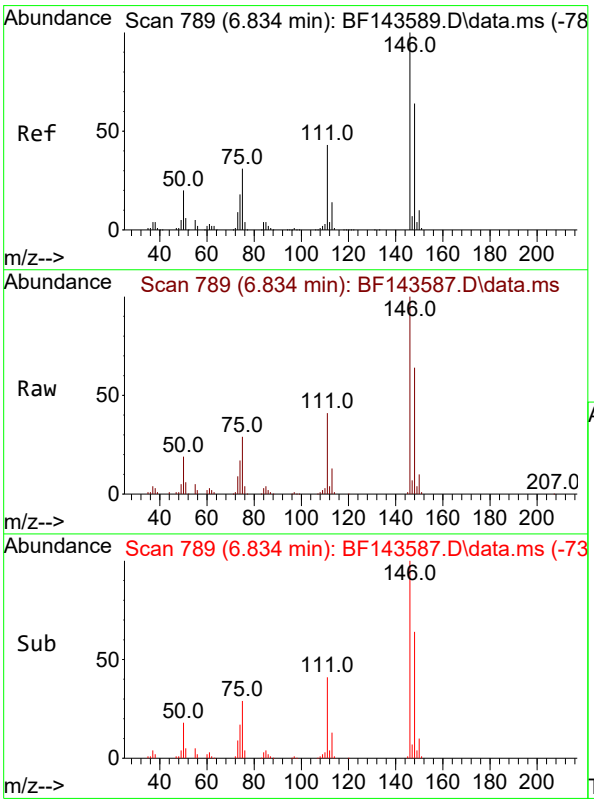
#11
bis(2-Chloroethyl)ether
Concen: 10.443 ng
RT: 6.622 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 83364

Ion	Ratio	Lower	Upper
93	100		
63	90.2	72.1	112.1
95	32.2	12.8	52.8

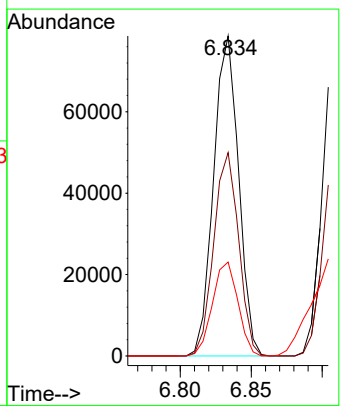


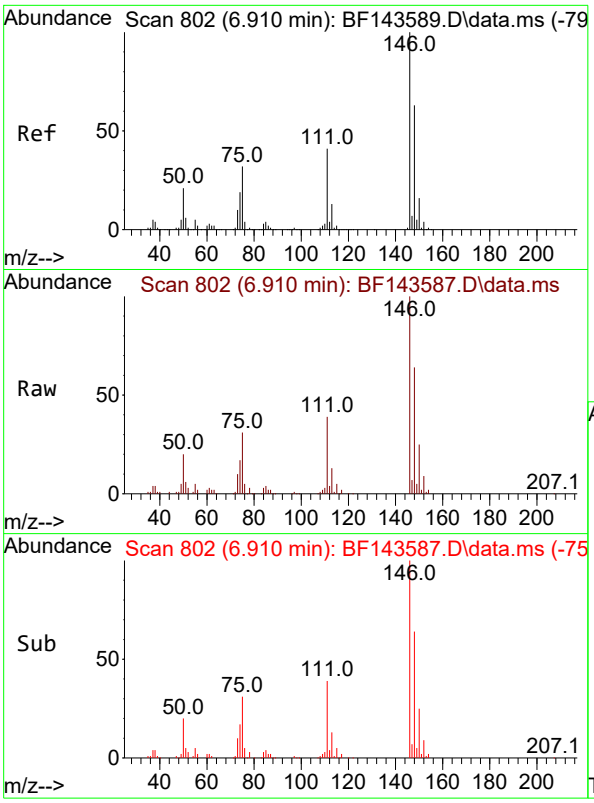


#12
1,3-Dichlorobenzene
Concen: 10.545 ng
RT: 6.834 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:146 Resp: 96108

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.1	76.7
75	29.3	25.2	37.8



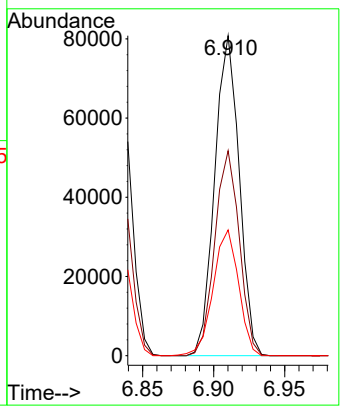


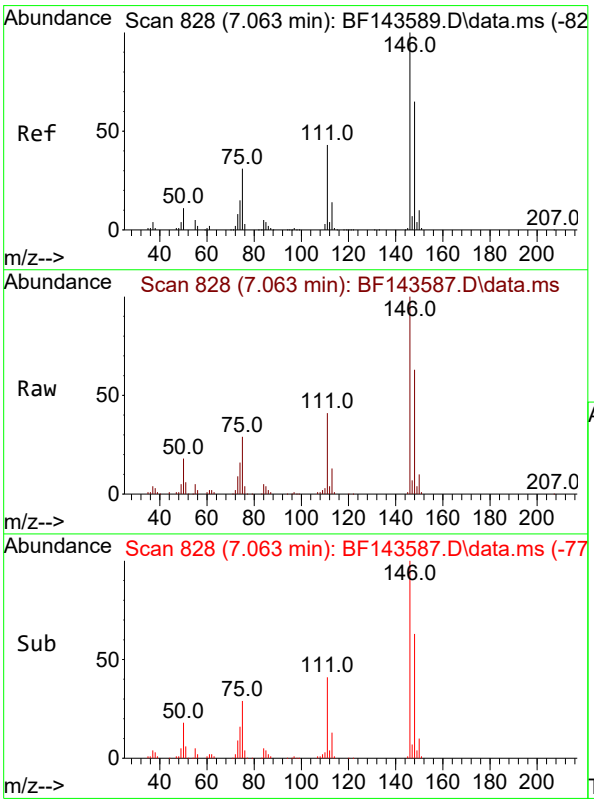
#13
1,4-Dichlorobenzene
Concen: 10.538 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 96838

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	75.8
111	39.3	32.4	48.6

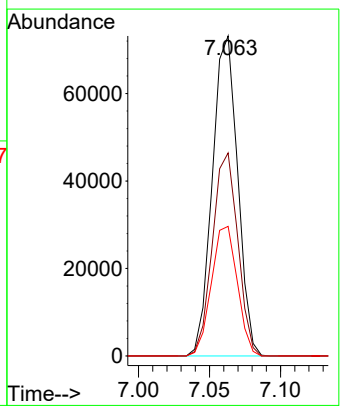


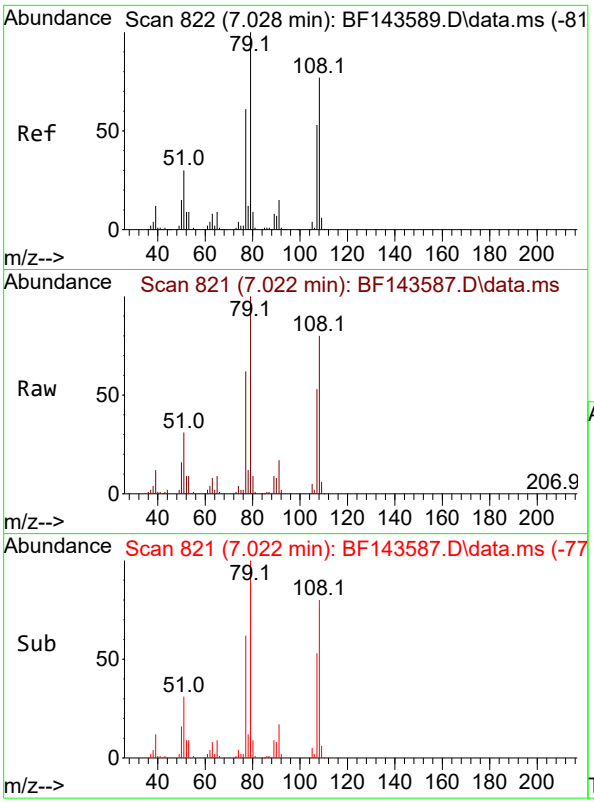


#14
1,2-Dichlorobenzene
Concen: 10.417 ng
RT: 7.063 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:146 Resp: 90801

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.7	77.5
111	40.5	34.7	52.1



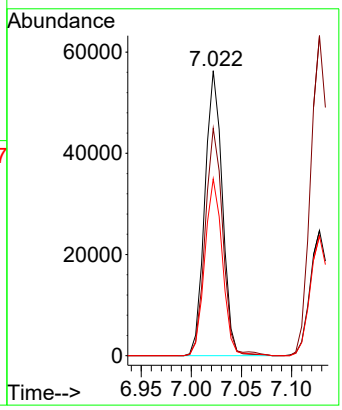


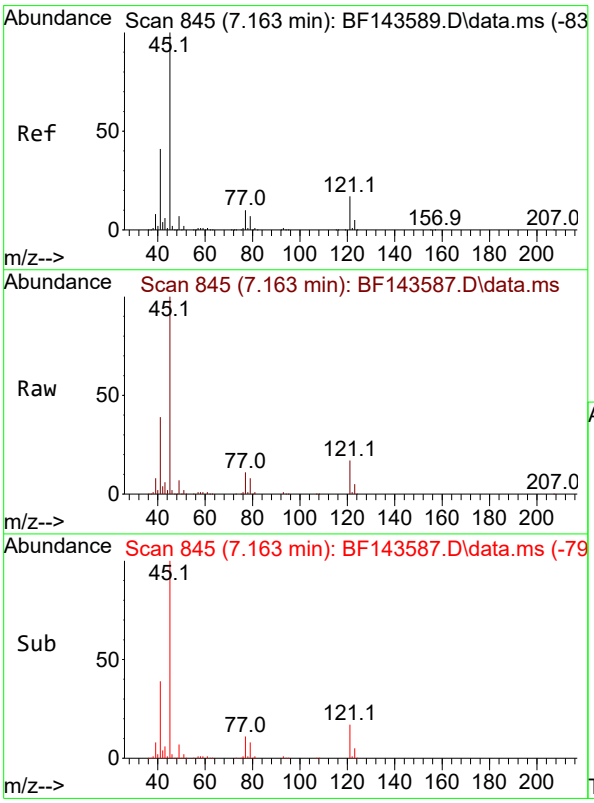
#15
Benzyl Alcohol
Concen: 9.850 ng
RT: 7.022 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 68567

Ion	Ratio	Lower	Upper
79	100		
108	79.8	61.3	91.9
77	62.1	48.7	73.1

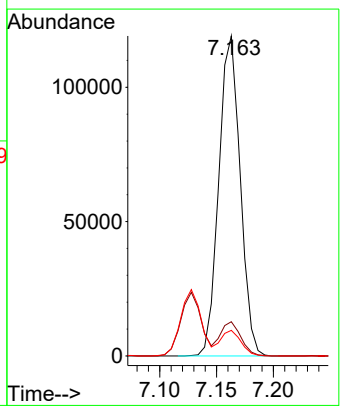


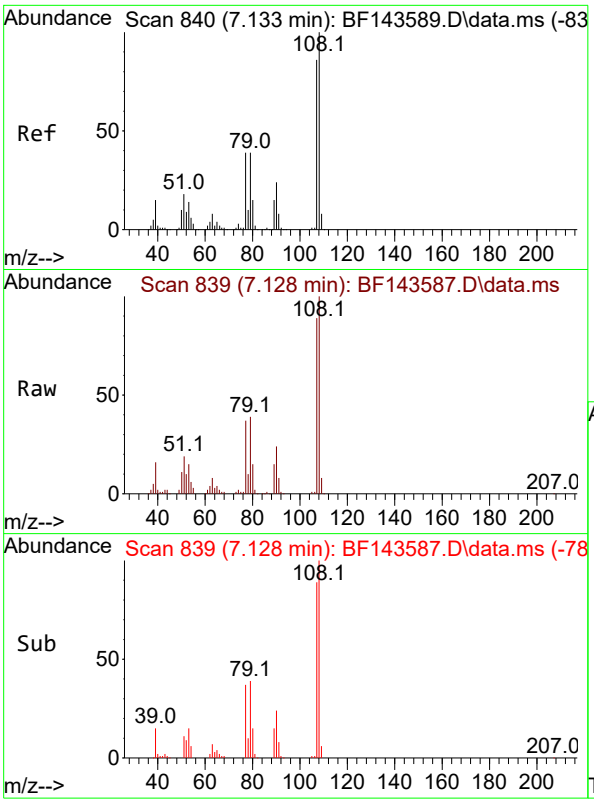


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.605 ng
RT: 7.163 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion: 45 Resp: 156263

Ion	Ratio	Lower	Upper
45	100		
77	10.7	0.0	31.1
79	8.0	0.0	28.1



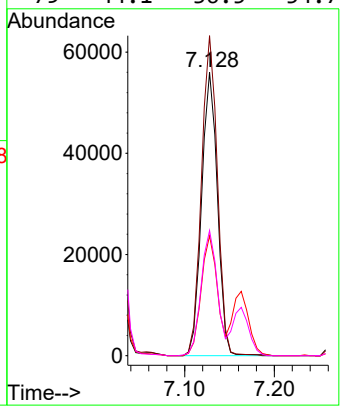


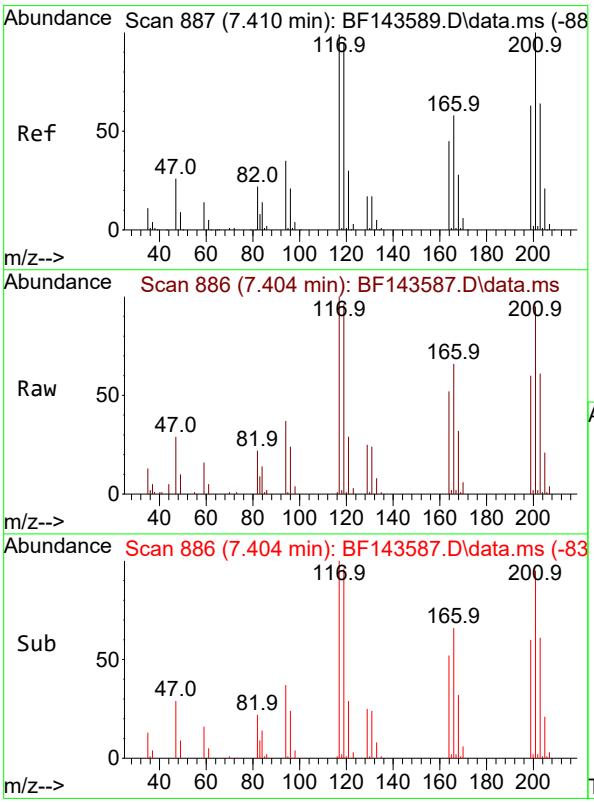
#17
2-Methylphenol
Concen: 10.199 ng
RT: 7.128 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 68692

Ion	Ratio	Lower	Upper
107	100		
108	112.9	92.6	138.8
77	42.3	36.3	54.5
79	44.1	36.5	54.7

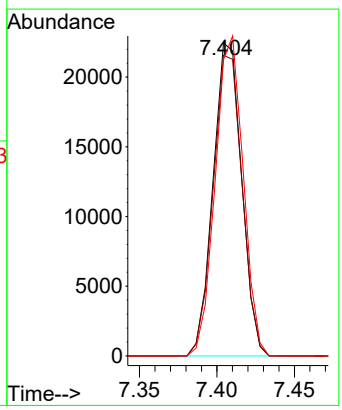


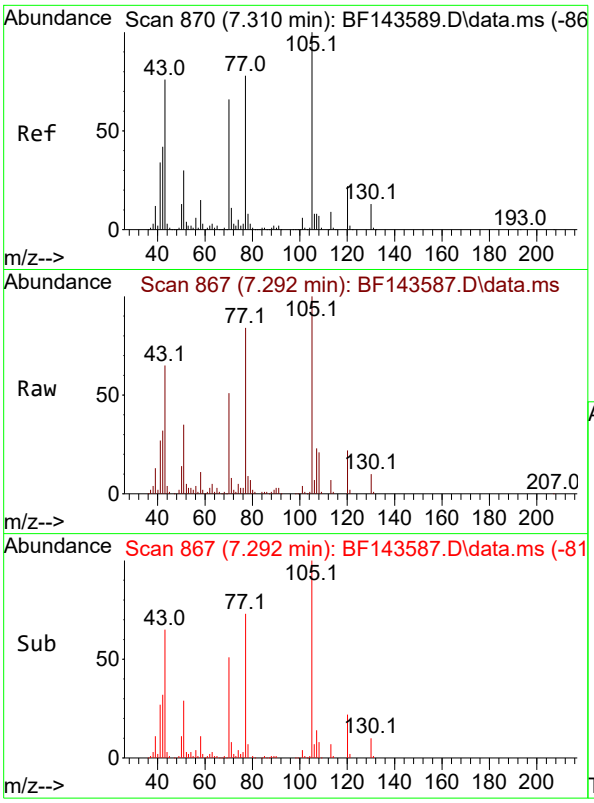


#18
Hexachloroethane
Concen: 9.876 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:117 Resp: 28837

Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.6	115.0
201	94.6	81.0	121.4



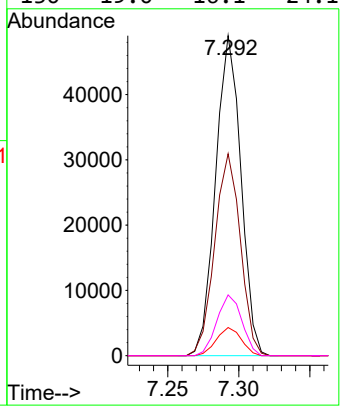


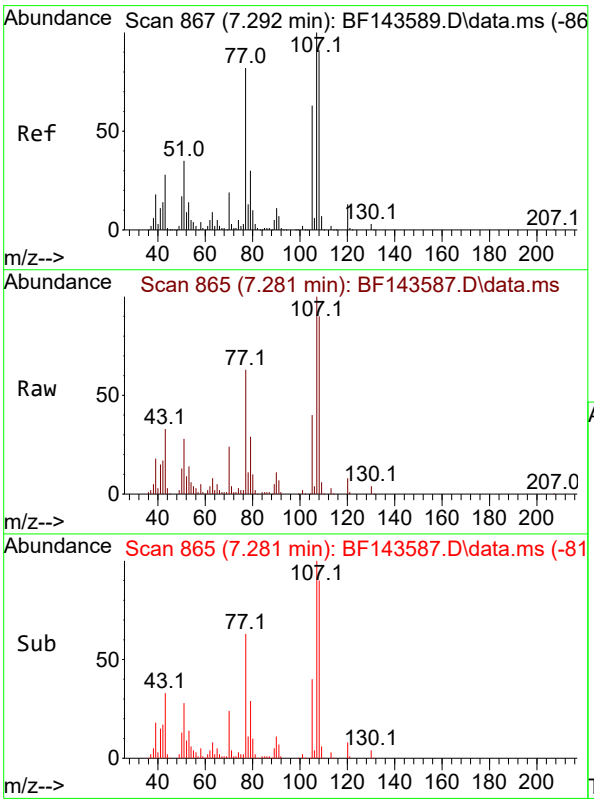
#19
n-Nitroso-di-n-propylamine
Concen: 10.312 ng
RT: 7.292 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 70 Resp: 60680

Ion	Ratio	Lower	Upper
70	100		
42	63.1	50.6	75.8
101	8.8	7.5	11.3
130	19.0	16.1	24.1

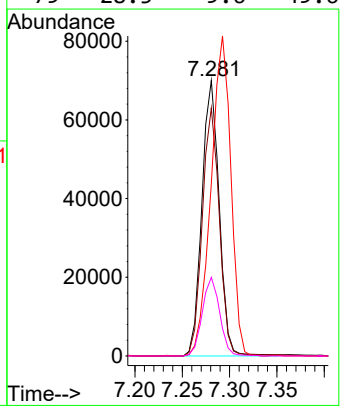


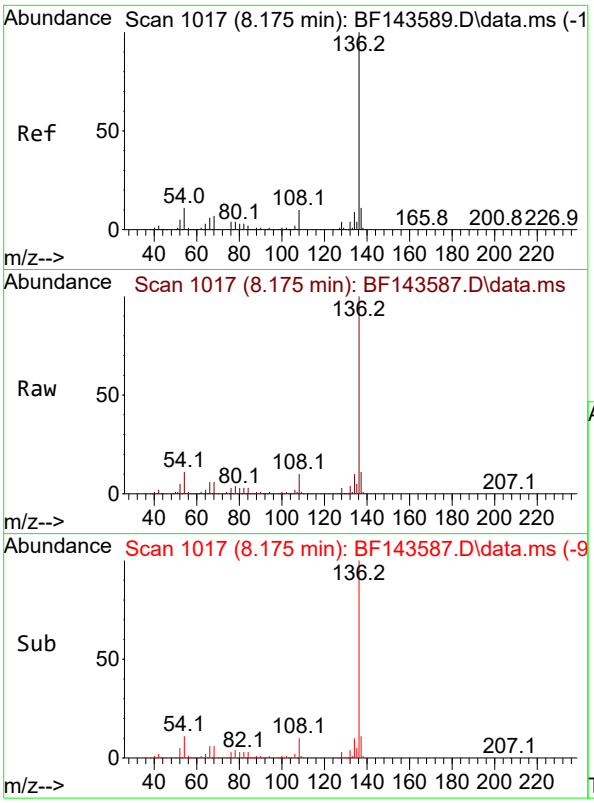


#20
3+4-Methylphenols
Concen: 10.712 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:107 Resp: 88613

Ion	Ratio	Lower	Upper
107	100		
108	90.1	71.1	111.1
77	62.5	62.5	102.5
79	28.5	9.6	49.6



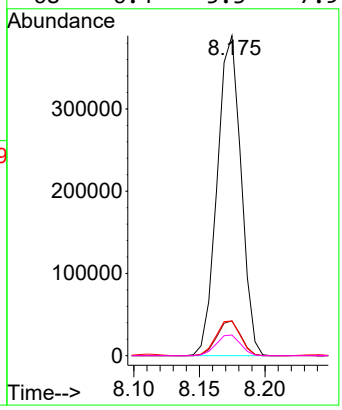


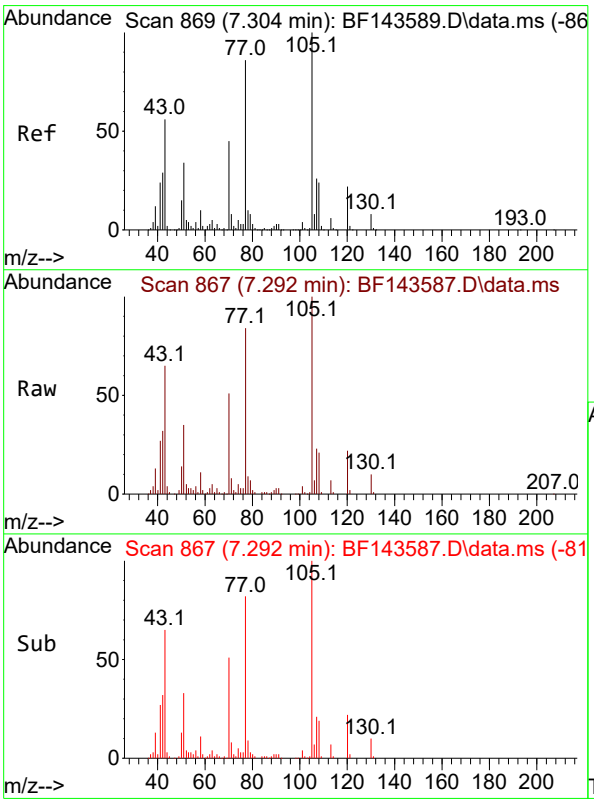
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 491820

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.9	9.0	13.6
68	6.4	5.3	7.9

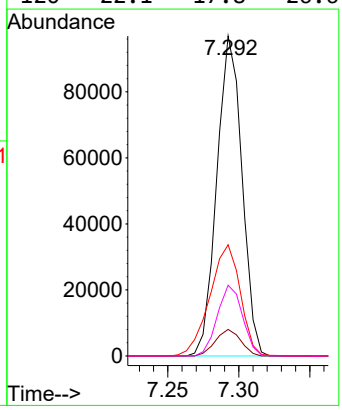


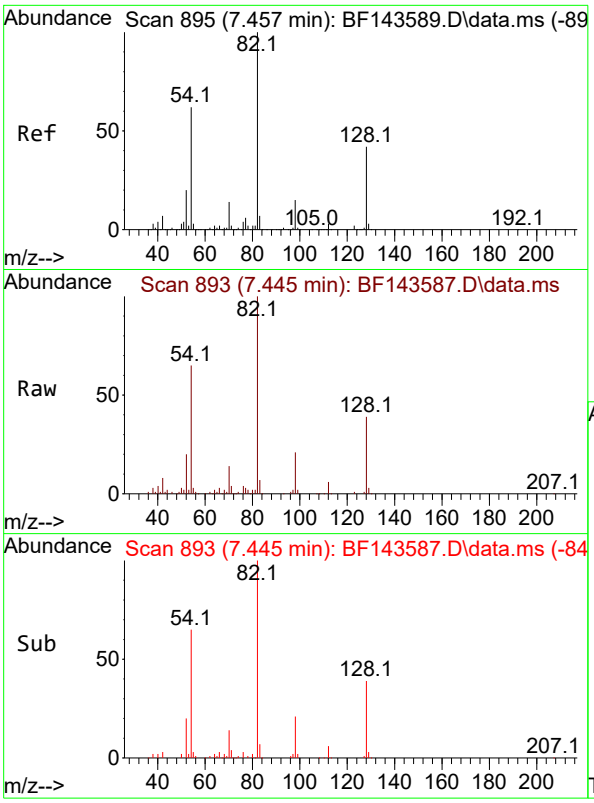


#22
Acetophenone
Concen: 10.757 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:105 Resp: 119142

Ion	Ratio	Lower	Upper
105	100		
71	8.3	6.0	9.0
51	34.8	27.0	40.6
120	22.1	17.8	26.6



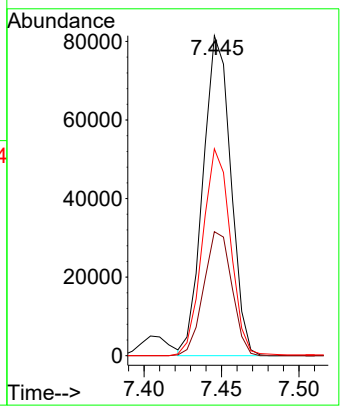


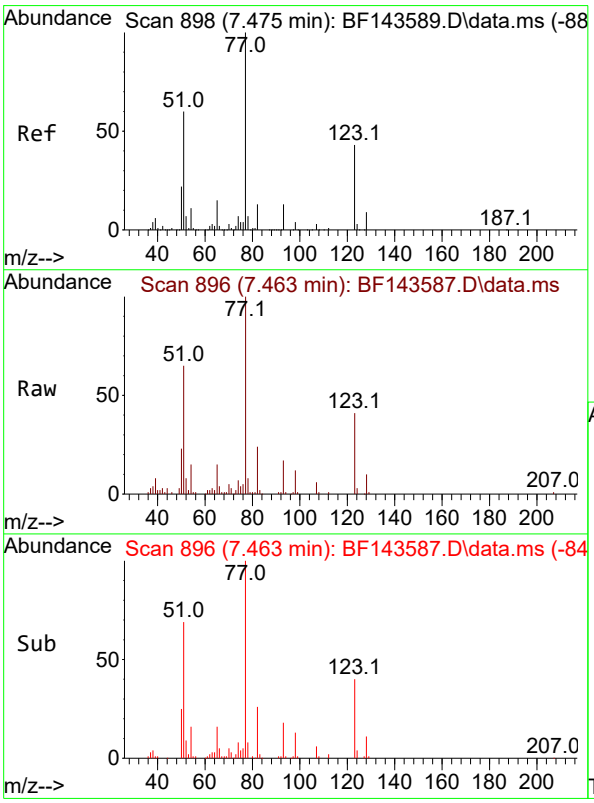
#23
Nitrobenzene-d5
Concen: 14.745 ng
RT: 7.445 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 101569

Ion	Ratio	Lower	Upper
82	100		
128	38.8	33.4	50.2
54	64.7	49.3	73.9

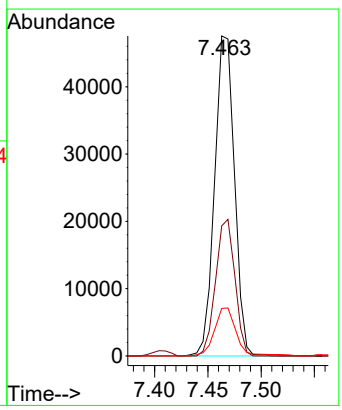


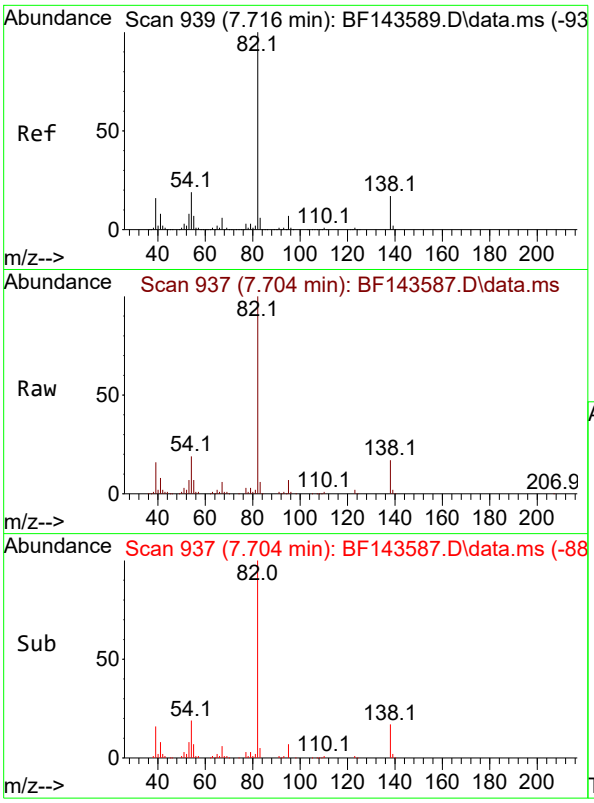


#24
Nitrobenzene
Concen: 8.332 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion: 77 Resp: 61533

Ion	Ratio	Lower	Upper
77	100		
123	40.7	34.9	52.3
65	14.9	12.0	18.0



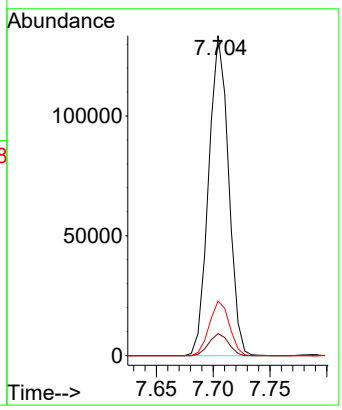


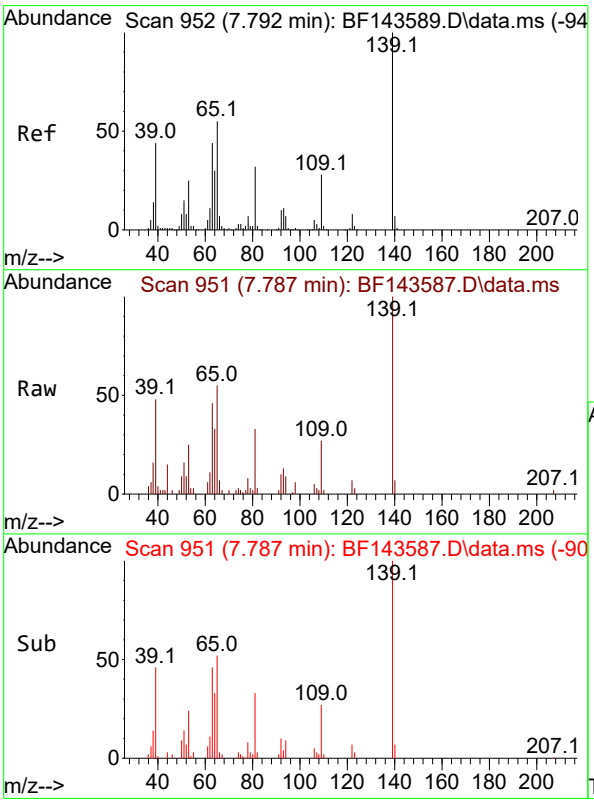
#25
Isophorone
Concen: 10.099 ng
RT: 7.704 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 162786

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.5	8.3
138	17.0	13.8	20.8

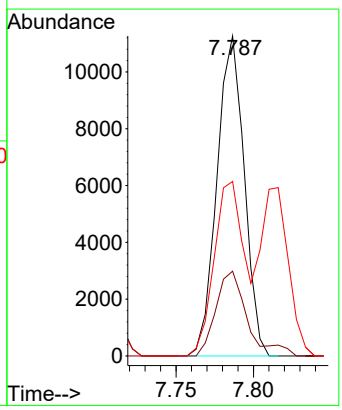


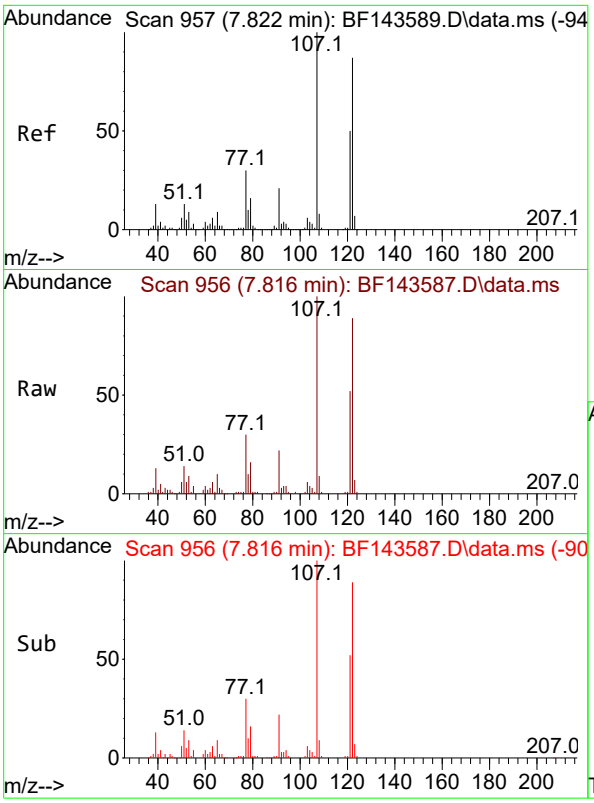


#26
2-Nitrophenol
Concen: 8.999 ng
RT: 7.787 min Scan# 951
Delta R.T. -0.005 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:139 Resp: 13799

Ion	Ratio	Lower	Upper
139	100		
109	26.5	22.3	33.5
65	54.5	44.0	66.0



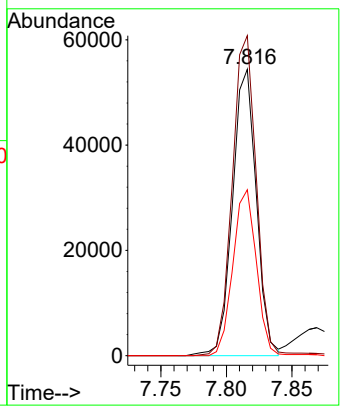


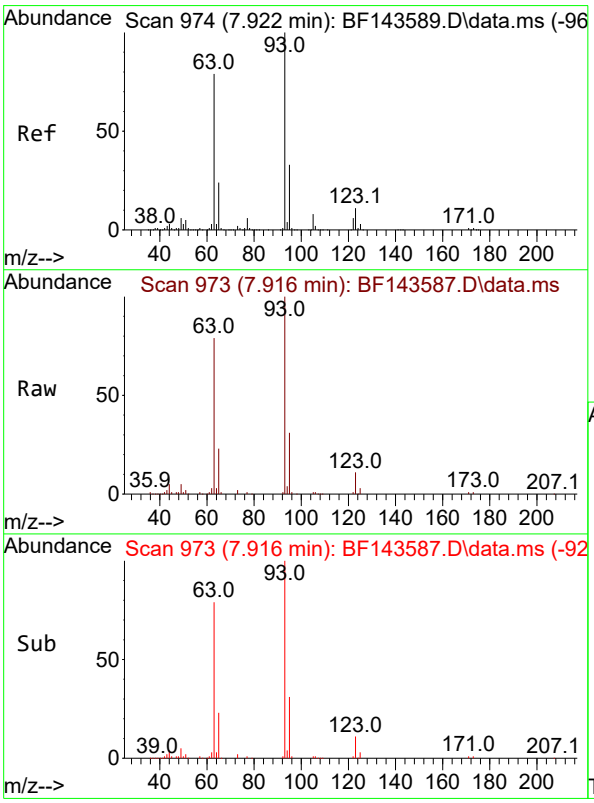
#27
2,4-Dimethylphenol
Concen: 9.818 ng
RT: 7.816 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 68857

Ion	Ratio	Lower	Upper
122	100		
107	111.7	92.1	138.1
121	57.9	46.2	69.4

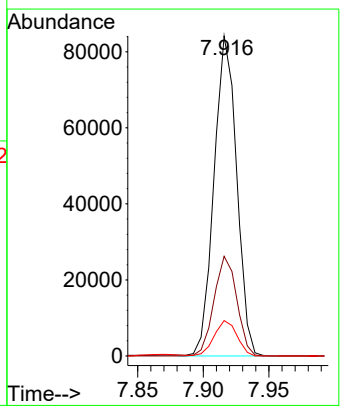


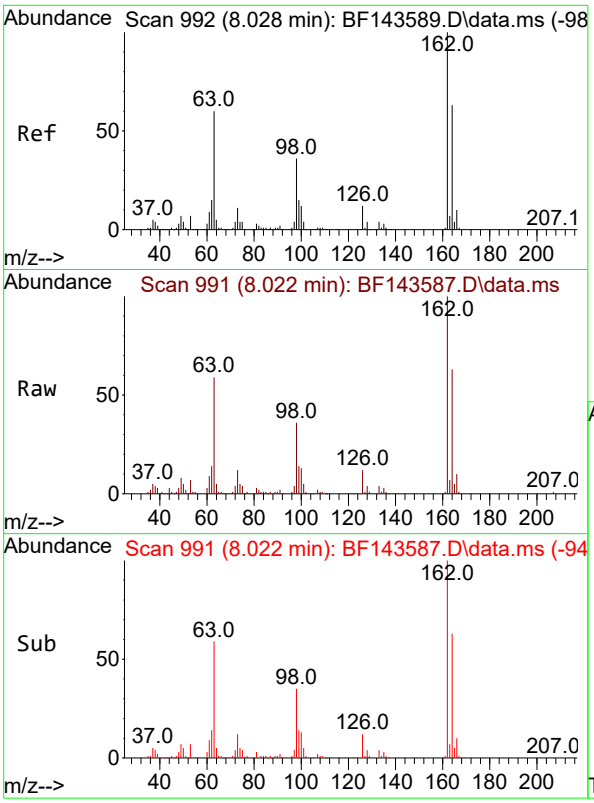


#28
bis(2-Chloroethoxy)methane
Concen: 10.359 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion: 93 Resp: 101030

Ion	Ratio	Lower	Upper
93	100		
95	31.2	26.2	39.2
123	11.1	9.3	13.9



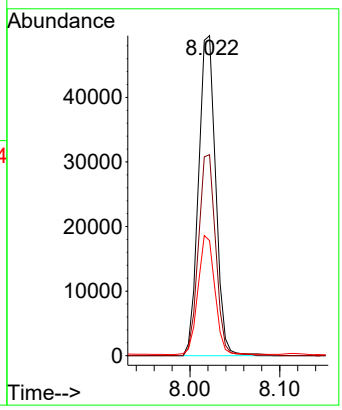


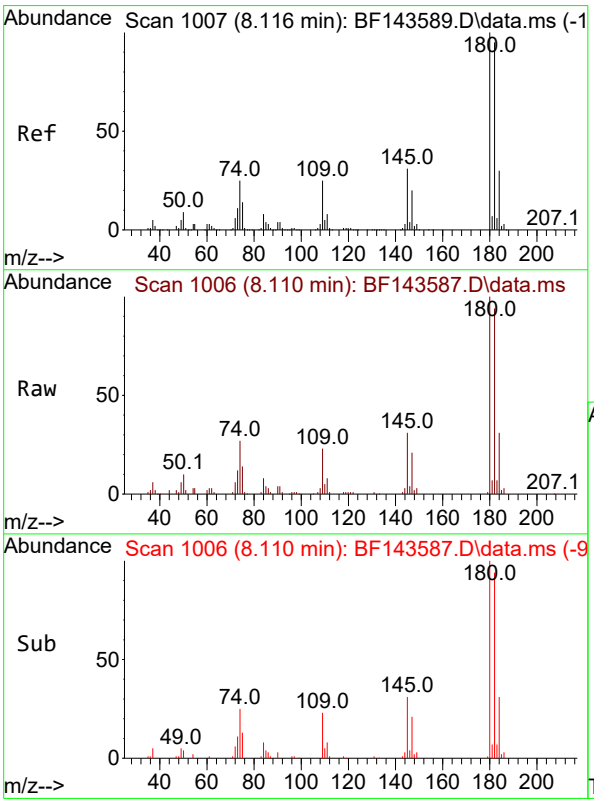
#29
2,4-Dichlorophenol
Concen: 9.742 ng
RT: 8.022 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 65828

Ion	Ratio	Lower	Upper
162	100		
164	62.8	43.3	83.3
98	35.9	16.1	56.1

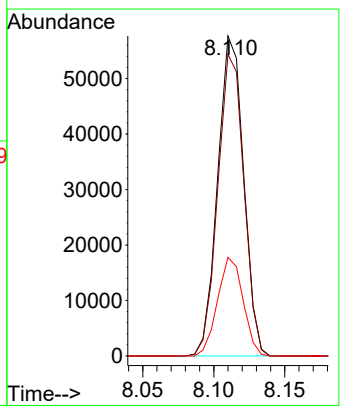


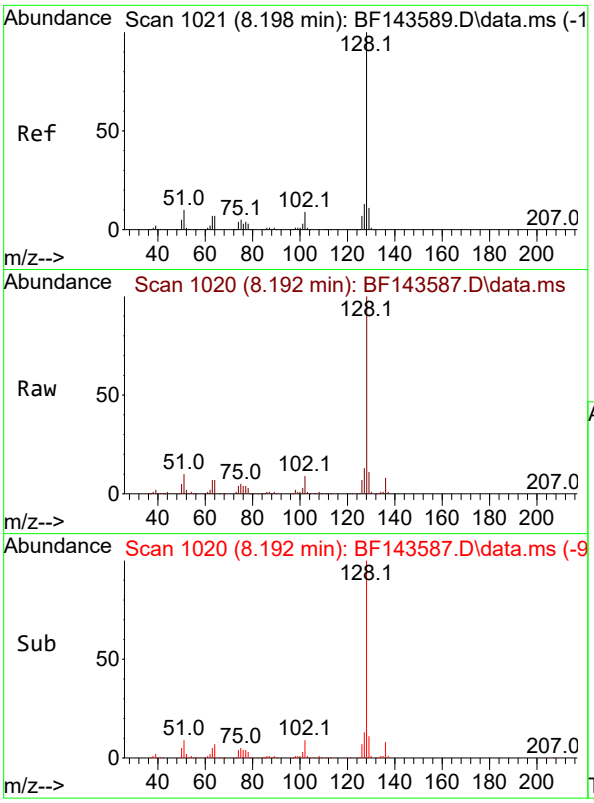


#30
1,2,4-Trichlorobenzene
Concen: 10.364 ng
RT: 8.110 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:180 Resp: 73124

Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.8	113.6
145	30.8	24.5	36.7



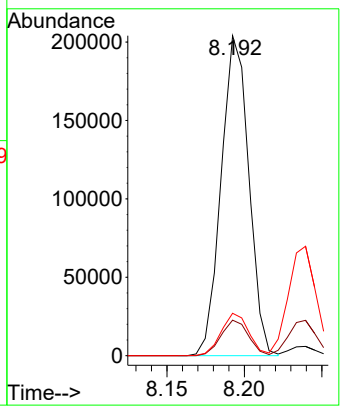


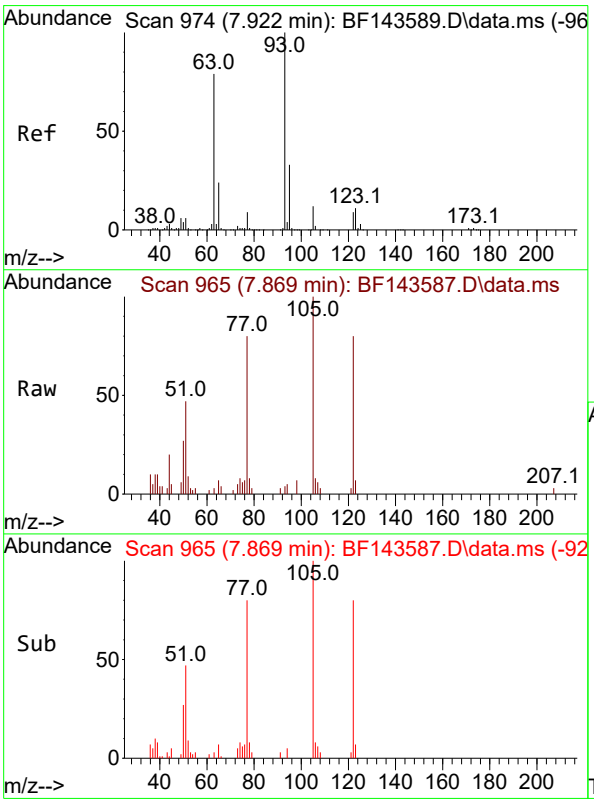
#31
Naphthalene
Concen: 10.649 ng
RT: 8.192 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 253033

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.2	10.6	15.8

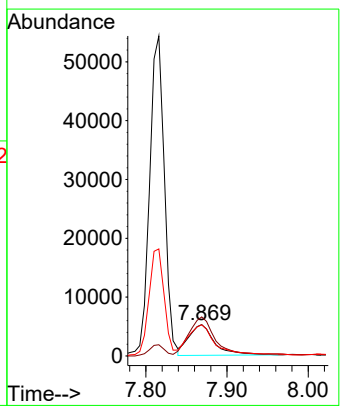


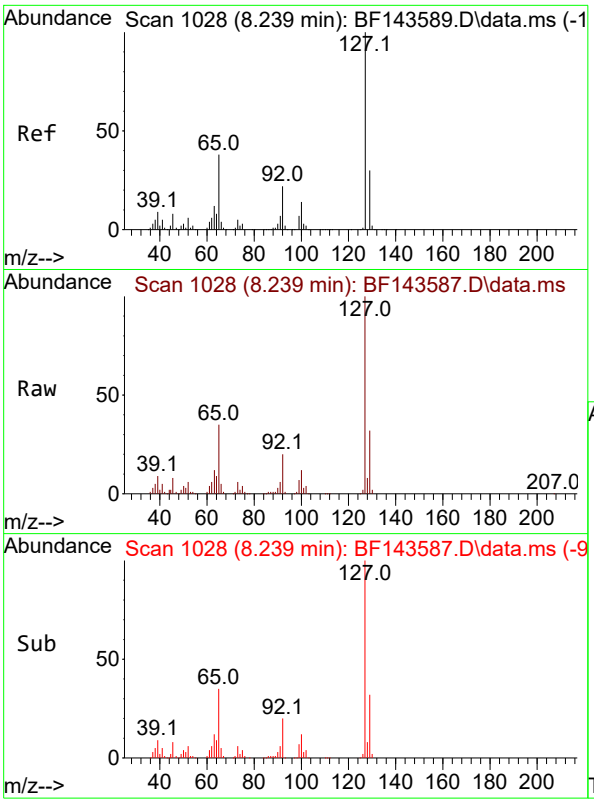


#32
Benzoic acid
Concen: 10.497 ng
RT: 7.869 min Scan# 965
Delta R.T. -0.053 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:122 Resp: 11533

Ion	Ratio	Lower	Upper
122	100		
105	124.6	106.4	146.4
77	99.8	79.3	119.3



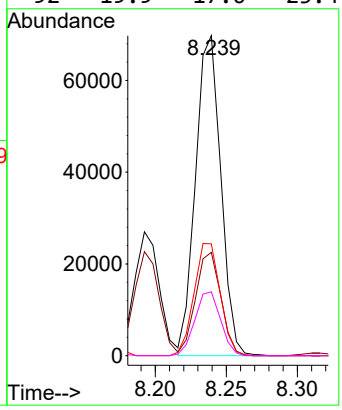


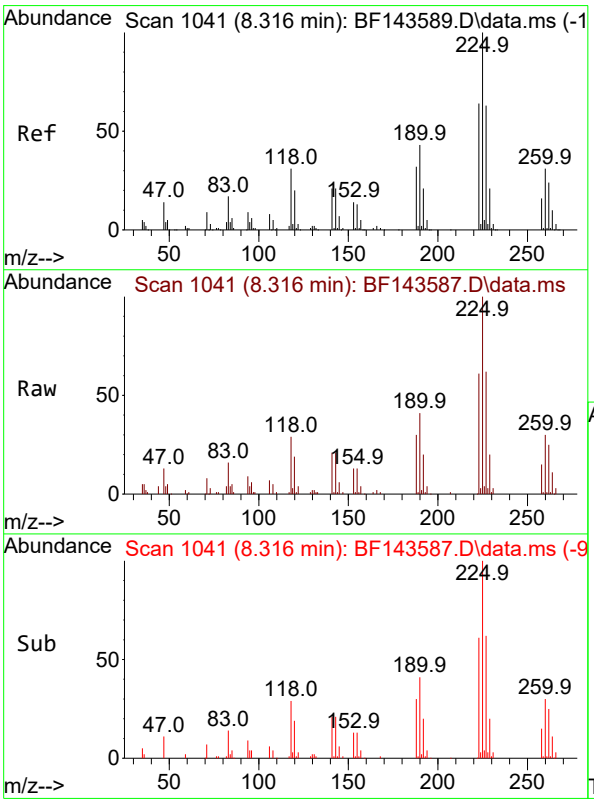
#33
4-Chloroaniline
Concen: 10.307 ng
RT: 8.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 86526

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	35.0	29.7	44.5
92	19.9	17.0	25.4

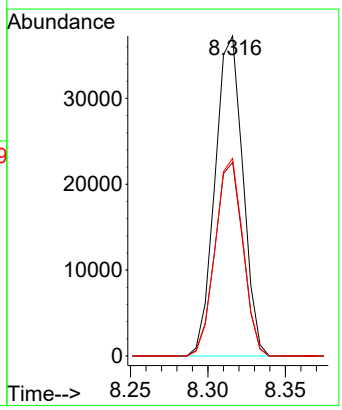


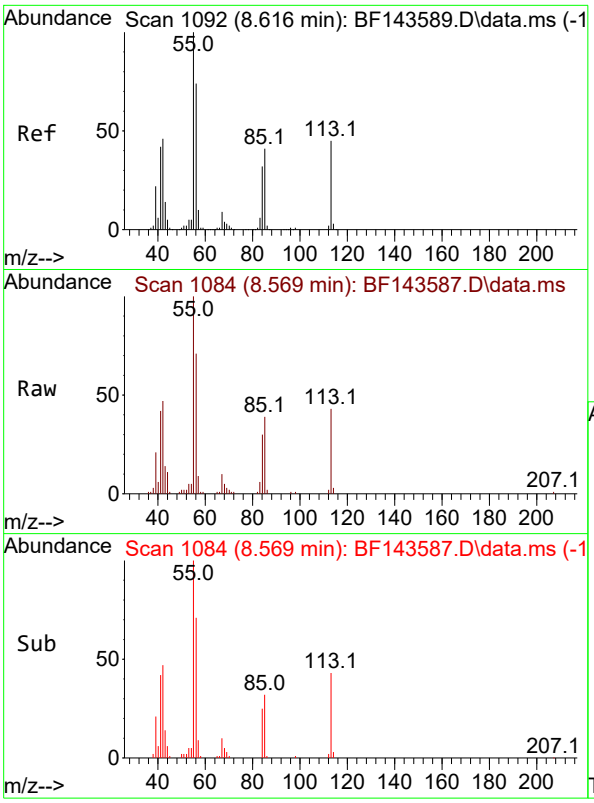


#34
Hexachlorobutadiene
Concen: 10.478 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:225 Resp: 46582

Ion	Ratio	Lower	Upper
225	100		
223	60.5	50.8	76.2
227	61.8	50.6	76.0



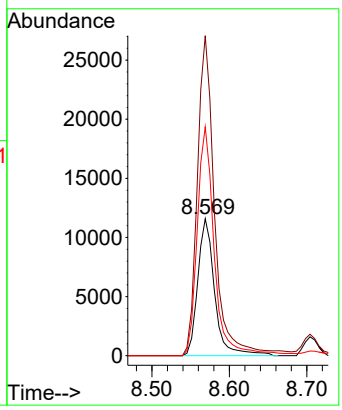


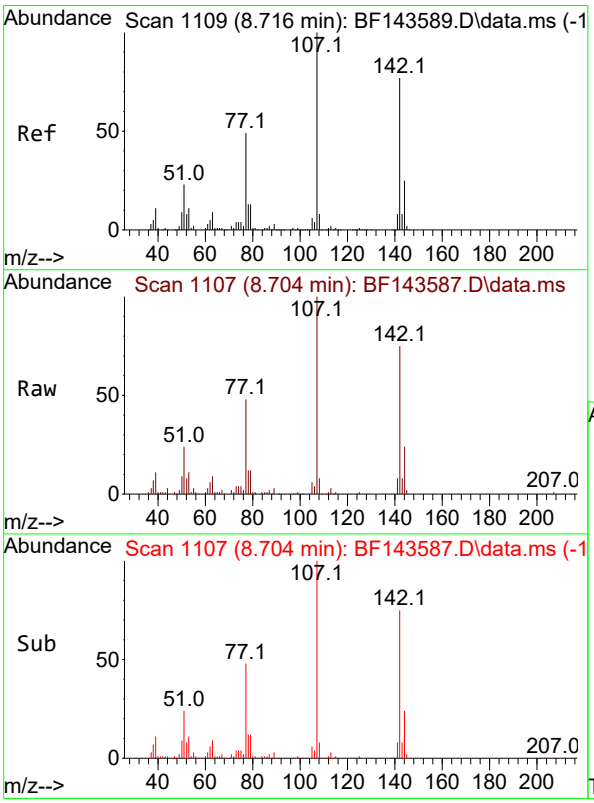
#35
Caprolactam
Concen: 9.142 ng
RT: 8.569 min Scan# 1
Delta R.T. -0.047 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 17550

Ion	Ratio	Lower	Upper
113	100		
55	233.7	202.1	242.1
56	167.0	145.4	185.4

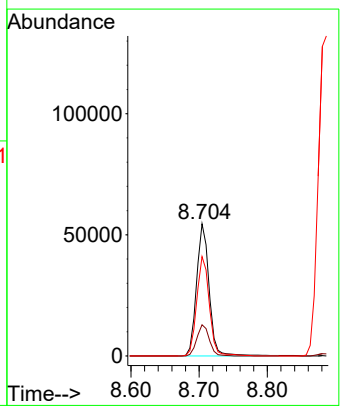


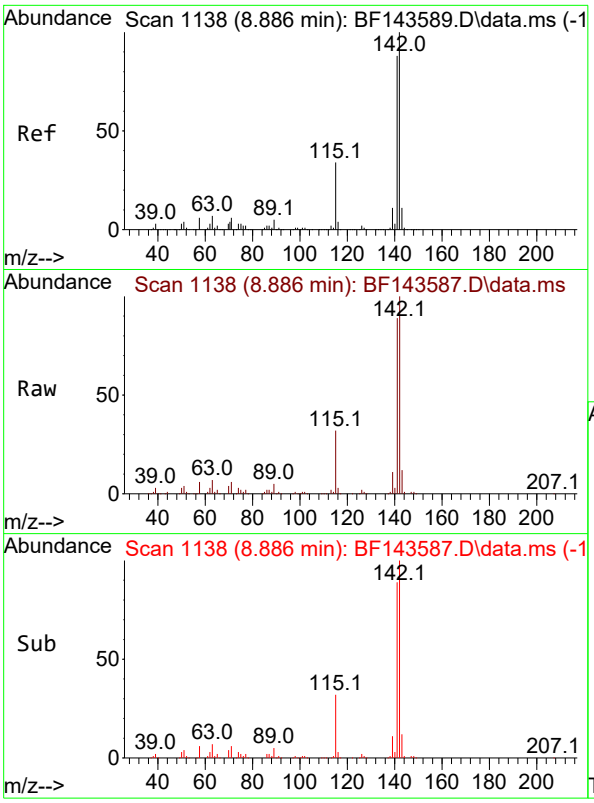


#36
4-Chloro-3-methylphenol
Concen: 9.882 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:107 Resp: 69816

Ion	Ratio	Lower	Upper
107	100		
144	23.7	19.8	29.6
142	75.2	61.7	92.5



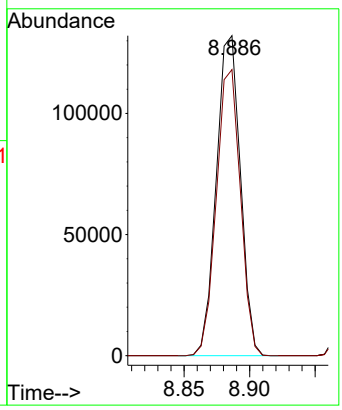


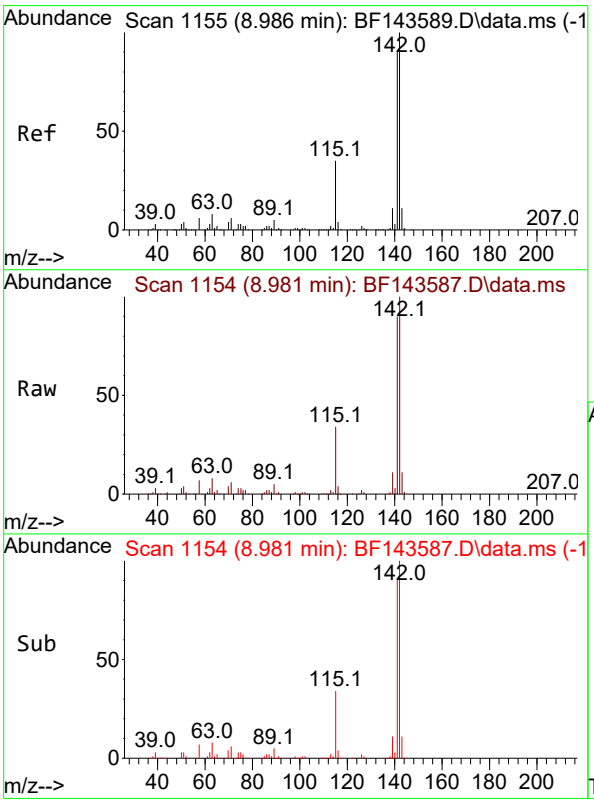
#37
2-Methylnaphthalene
Concen: 10.734 ng
RT: 8.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 168450

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.2	105.4

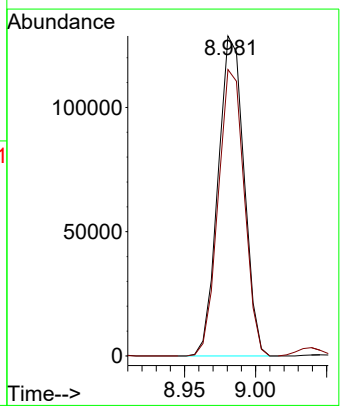


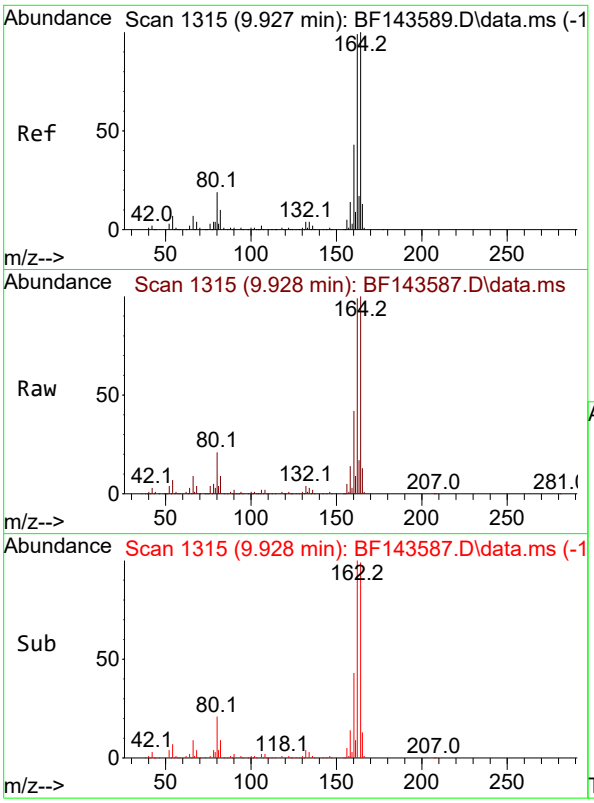


#38
1-Methylnaphthalene
Concen: 10.807 ng
RT: 8.981 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:142 Resp: 163677

Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.6	109.0



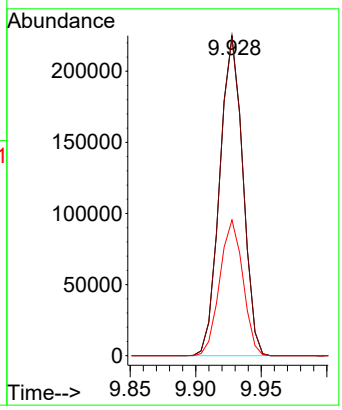


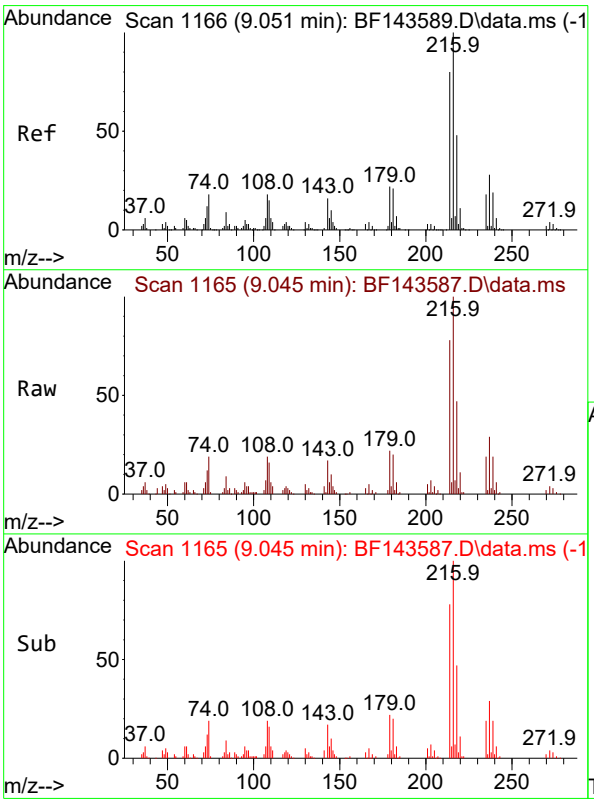
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1
Delta R.T. 0.001 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 275174

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.5	119.3
160	42.4	34.2	51.4

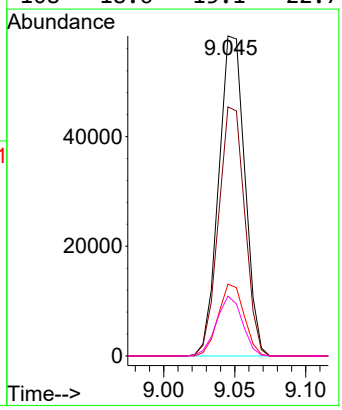


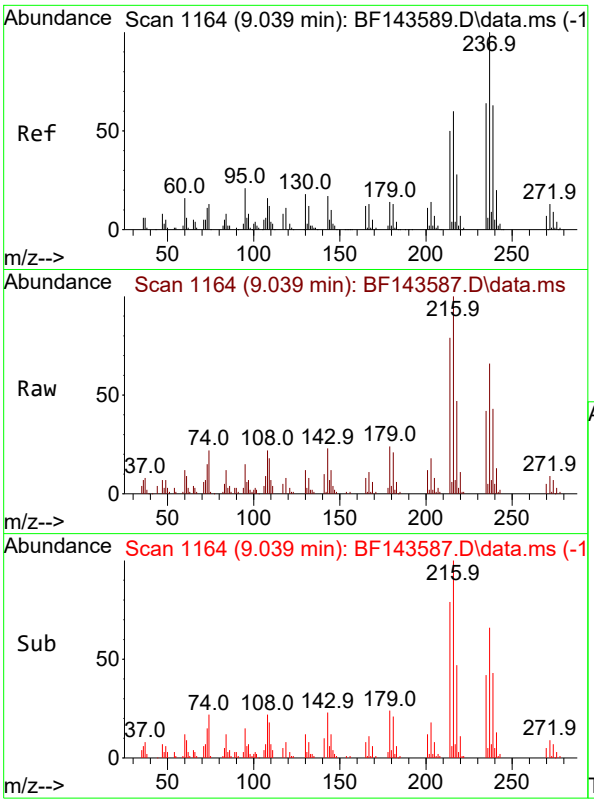


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.426 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:216 Resp: 74627

Ion	Ratio	Lower	Upper
216	100		
214	78.0	64.1	96.1
179	22.2	17.4	26.0
108	18.6	15.1	22.7



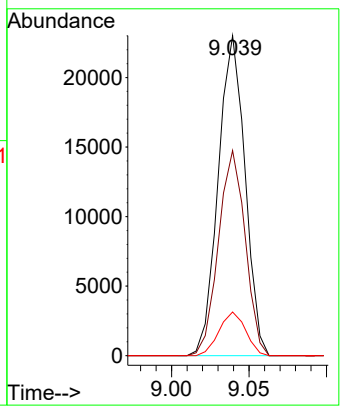


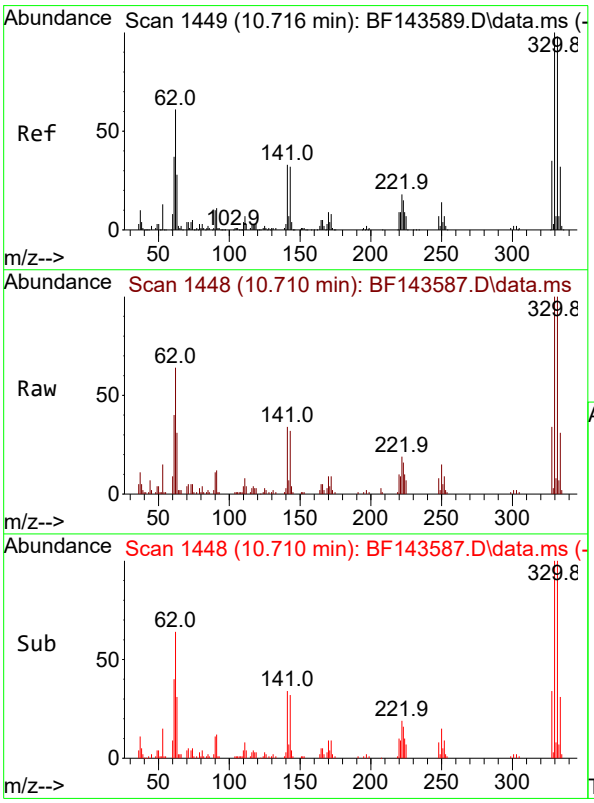
#41
Hexachlorocyclopentadiene
Concen: 7.858 ng
RT: 9.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 27668

Ion	Ratio	Lower	Upper
237	100		
235	64.1	43.8	83.8
272	13.7	0.0	32.8

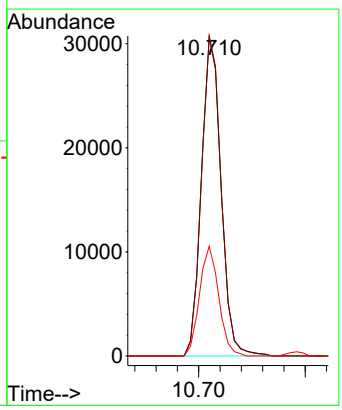


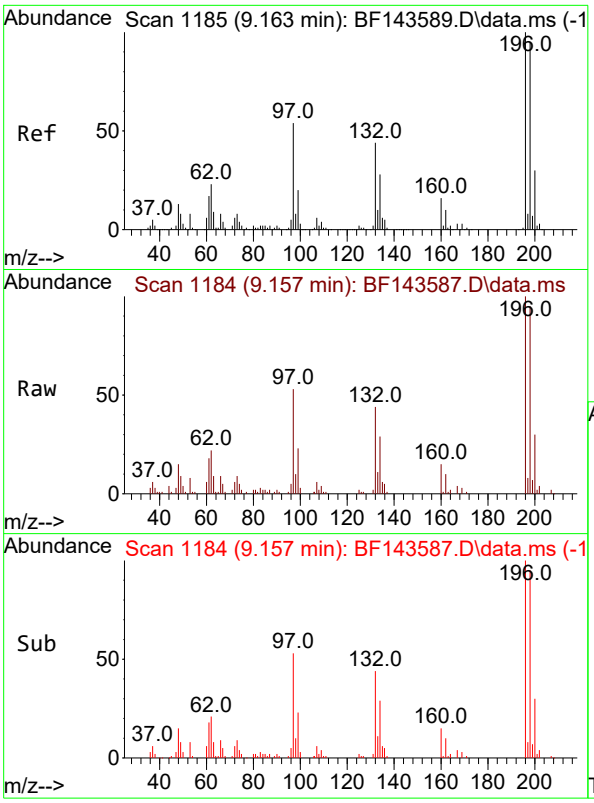


#42
2,4,6-Tribromophenol
Concen: 18.242 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:330 Resp: 39255

Ion	Ratio	Lower	Upper
330	100		
332	100.1	78.2	117.4
141	33.6	25.4	38.0



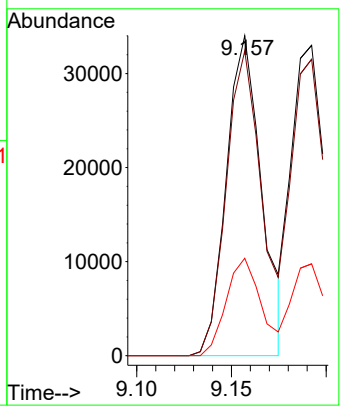


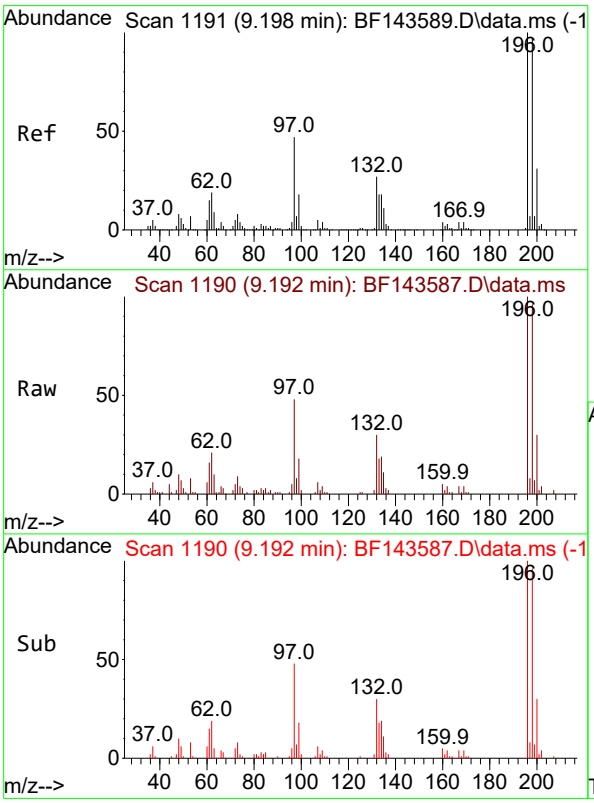
#43
2,4,6-Trichlorophenol
Concen: 9.317 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 44065

Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.8	113.6
200	30.4	24.2	36.4

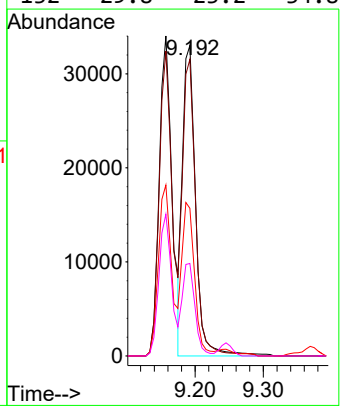


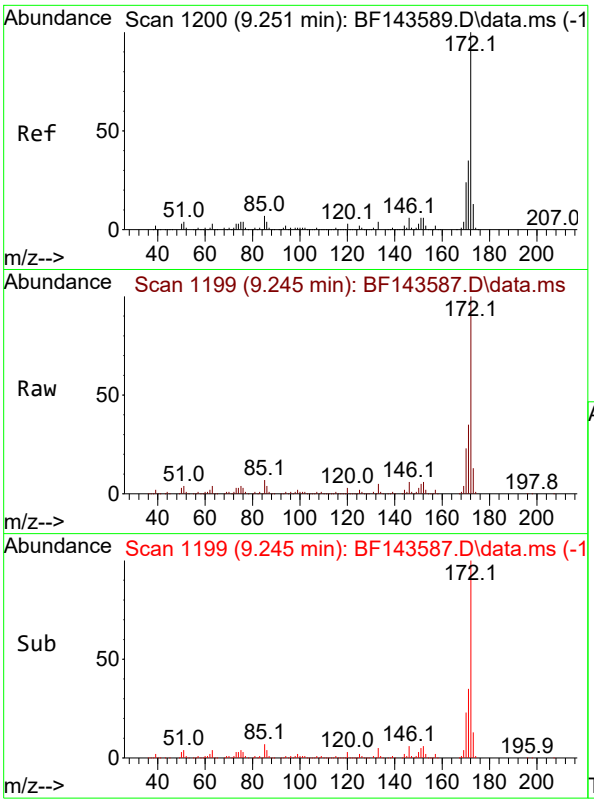


#44
2,4,5-Trichlorophenol
Concen: 9.230 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:196 Resp: 44113

Ion	Ratio	Lower	Upper
196	100		
198	95.5	77.0	115.6
97	47.6	39.3	58.9
132	29.8	23.2	34.8



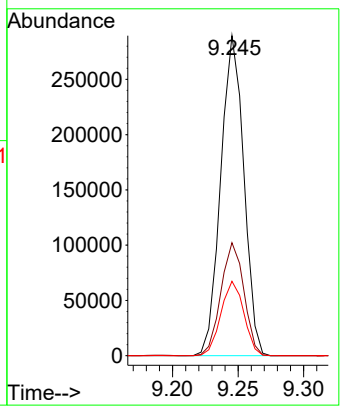


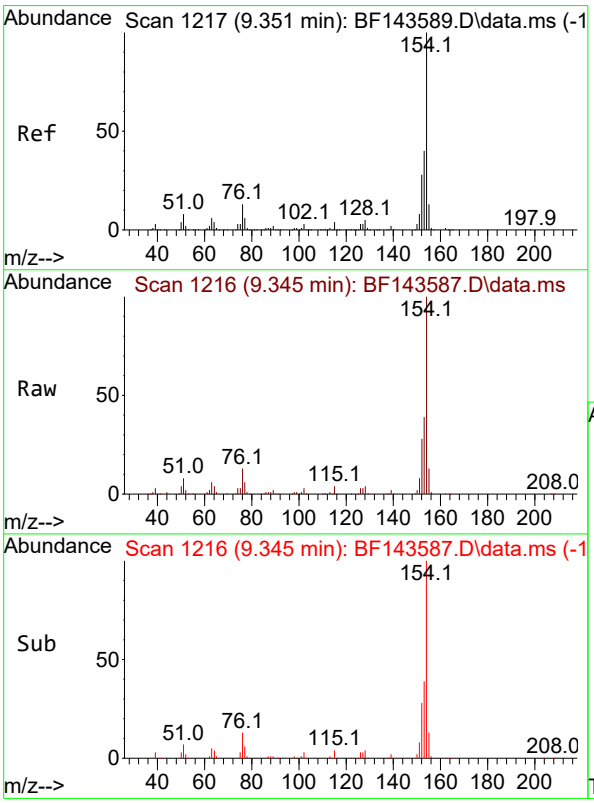
#45
2-Fluorobiphenyl
Concen: 22.059 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 355018

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	23.3	19.0	28.4

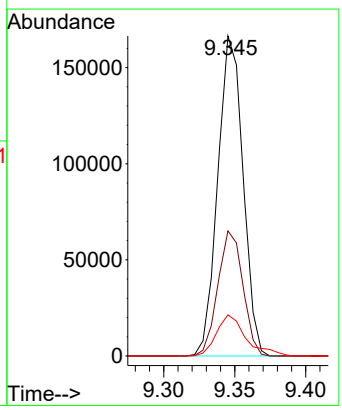


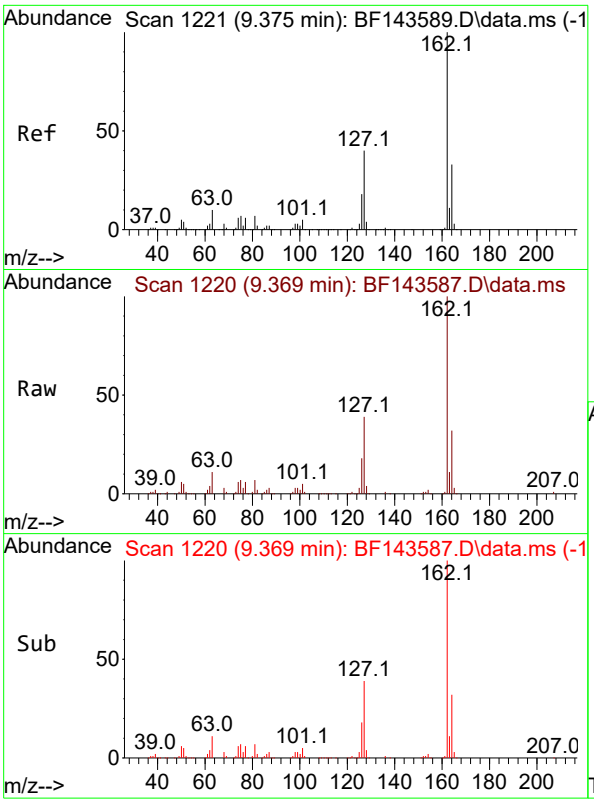


#46
1,1'-Biphenyl
Concen: 10.758 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:154 Resp: 205410

Ion	Ratio	Lower	Upper
154	100		
153	39.1	20.1	60.1
76	12.8	0.0	33.0



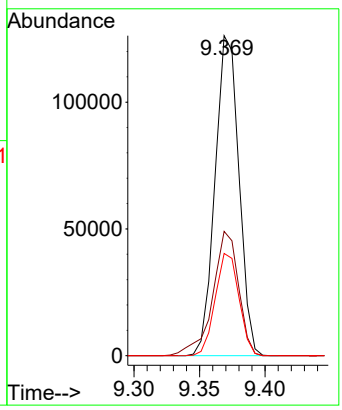


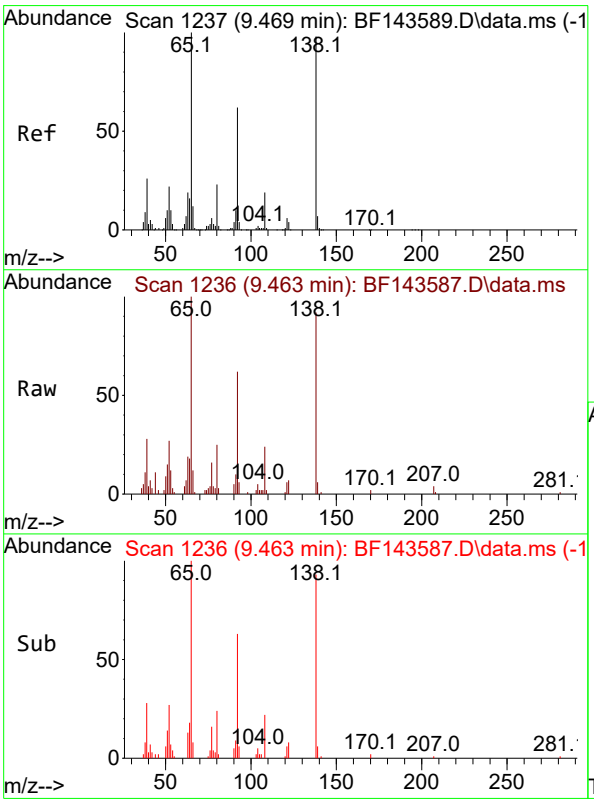
#47
2-Chloronaphthalene
Concen: 10.588 ng
RT: 9.369 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 159704

Ion	Ratio	Lower	Upper
162	100		
127	38.8	32.6	48.8
164	32.0	26.1	39.1

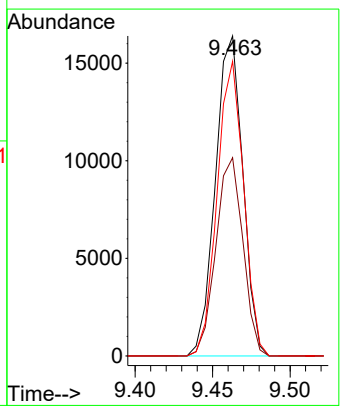


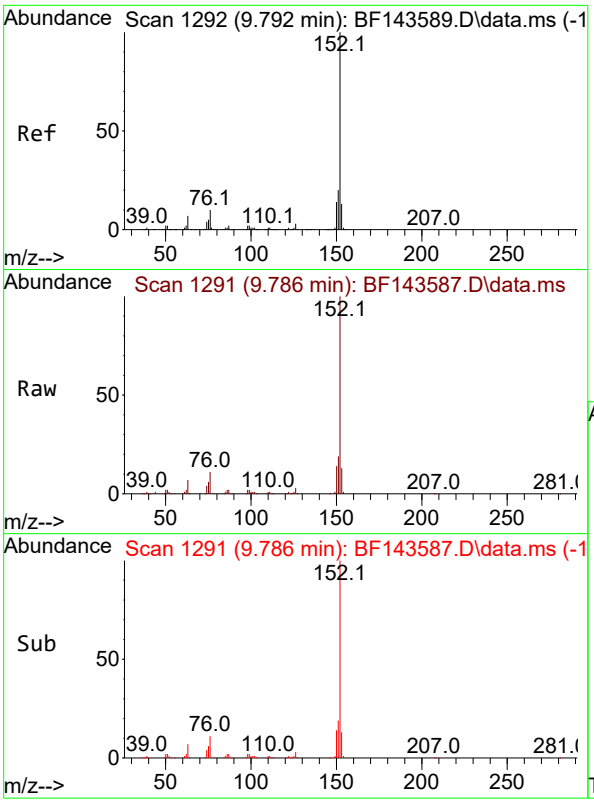


#48
2-Nitroaniline
Concen: 8.688 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion: 65 Resp: 20168

Ion	Ratio	Lower	Upper
65	100		
92	62.0	49.6	74.4
138	92.1	78.6	118.0



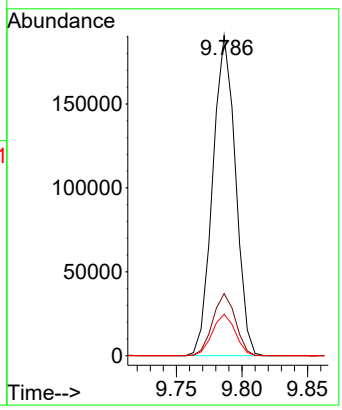


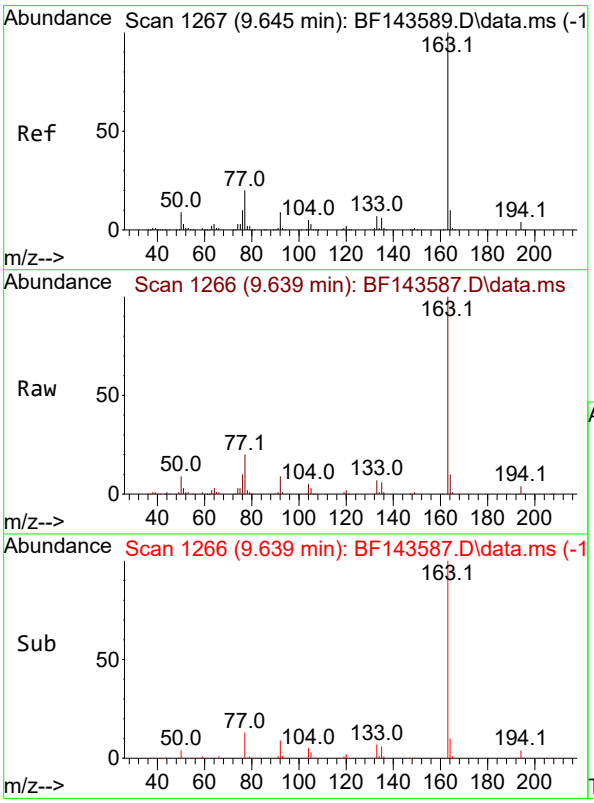
#49
Acenaphthylene
Concen: 10.490 ng
RT: 9.786 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 230210

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.2
153	12.9	10.6	15.8

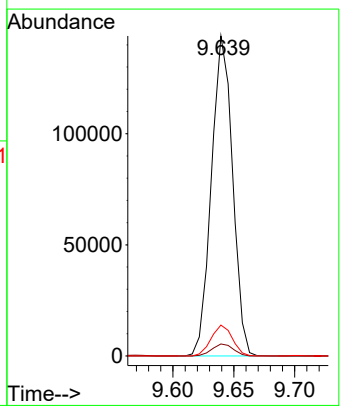


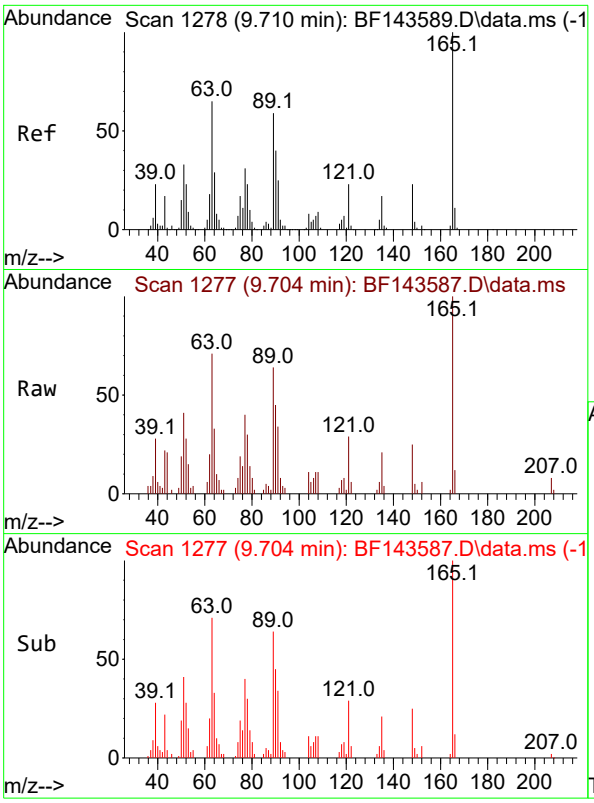


#50
Dimethylphthalate
Concen: 10.289 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:163 Resp: 174143

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	9.6	8.4	12.6



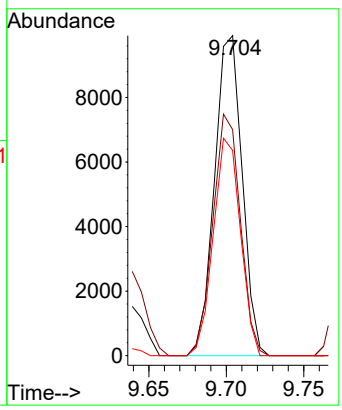


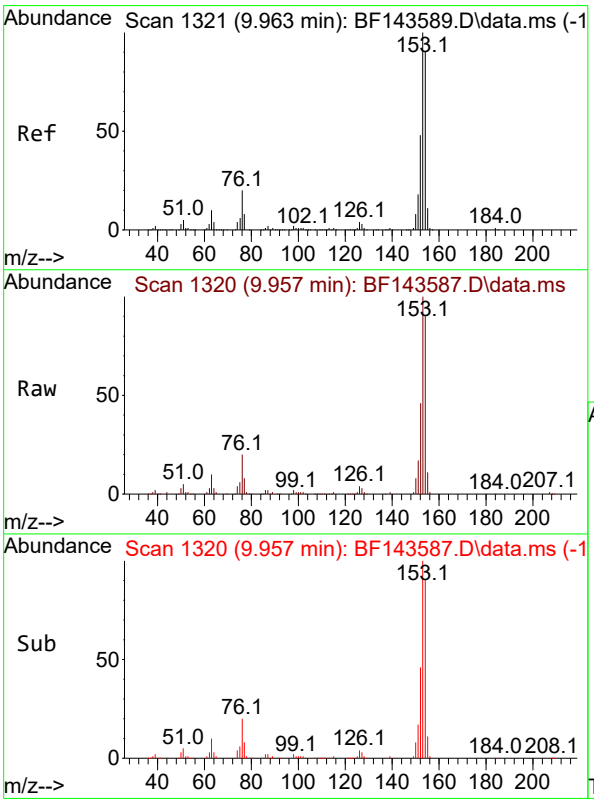
#51
2,6-Dinitrotoluene
Concen: 8.683 ng
RT: 9.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 12319

Ion	Ratio	Lower	Upper
165	100		
63	70.6	51.8	77.6
89	64.2	47.4	71.2

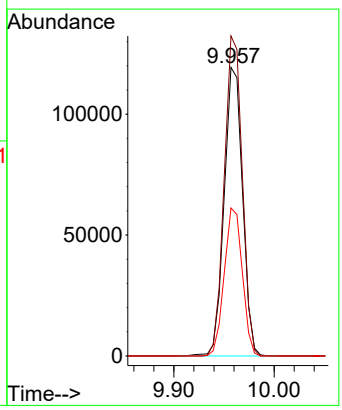


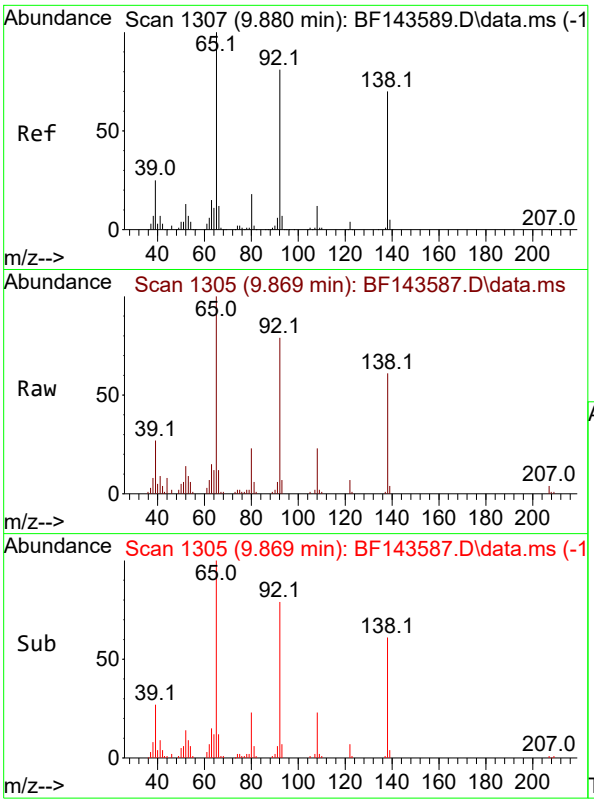


#52
Acenaphthene
Concen: 10.554 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:154 Resp: 151712

Ion	Ratio	Lower	Upper
154	100		
153	110.9	89.0	133.4
152	51.3	42.9	64.3



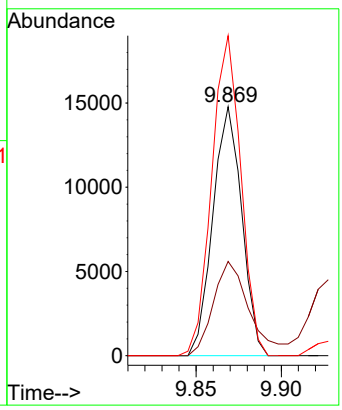


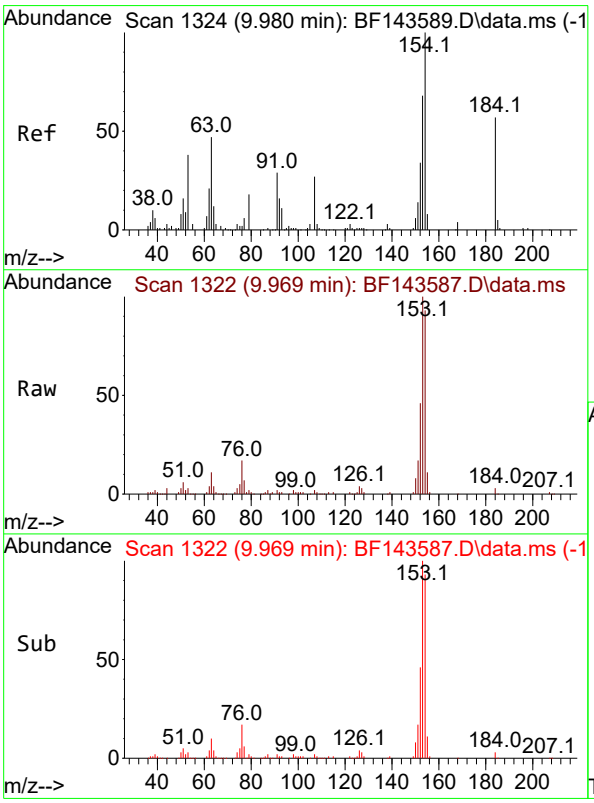
#53
3-Nitroaniline
Concen: 8.829 ng
RT: 9.869 min Scan# 1
Delta R.T. -0.011 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 17423

Ion	Ratio	Lower	Upper
138	100		
108	37.9	13.8	20.8#
92	128.5	92.6	139.0

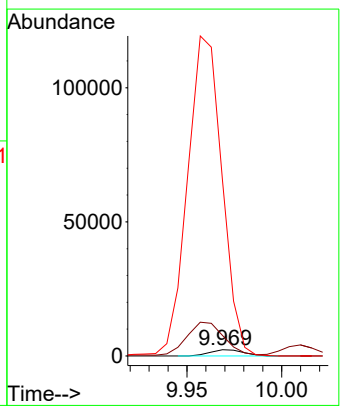


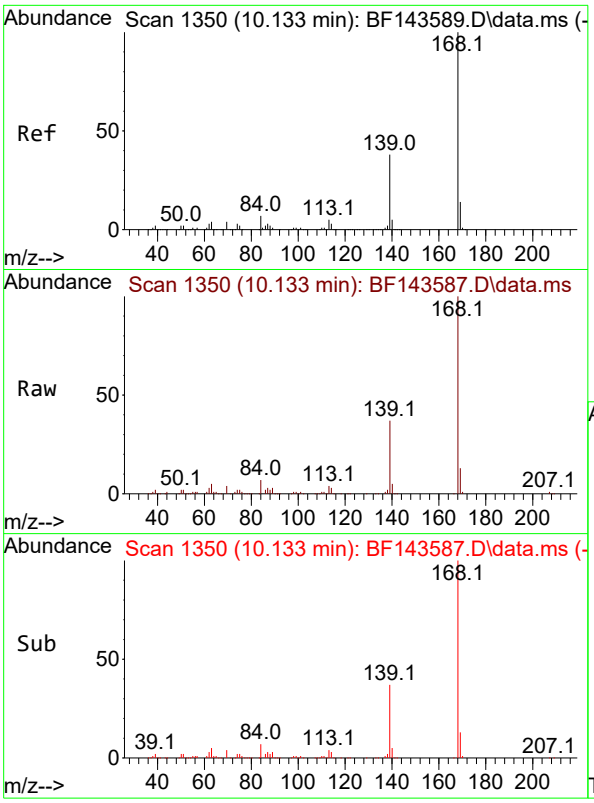


#54
2,4-Dinitrophenol
Concen: 10.793 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:184 Resp: 2815

Ion	Ratio	Lower	Upper
184	100		
63	331.5	80.9	121.3#
154	2826.6	262.0	393.0#



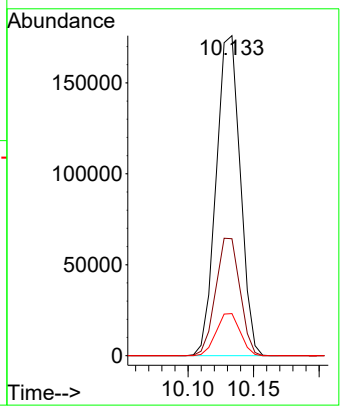


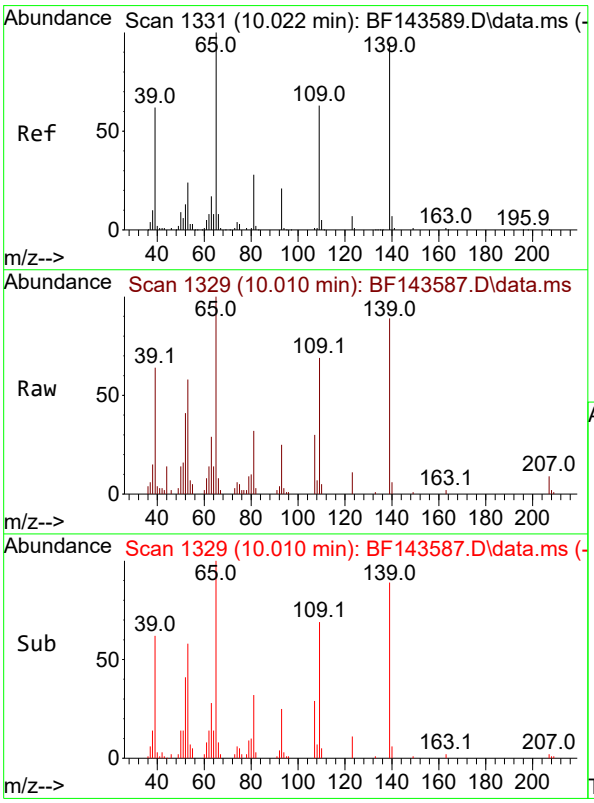
#55
Dibenzofuran
Concen: 10.663 ng
RT: 10.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:168 Resp: 224726

Ion	Ratio	Lower	Upper
168	100		
139	36.5	30.6	46.0
169	13.2	10.9	16.3

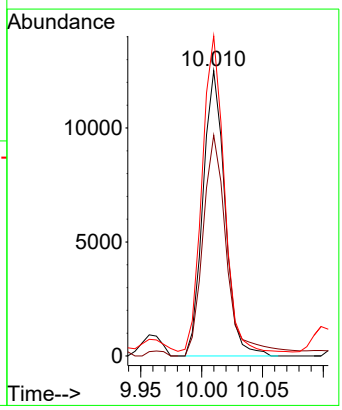


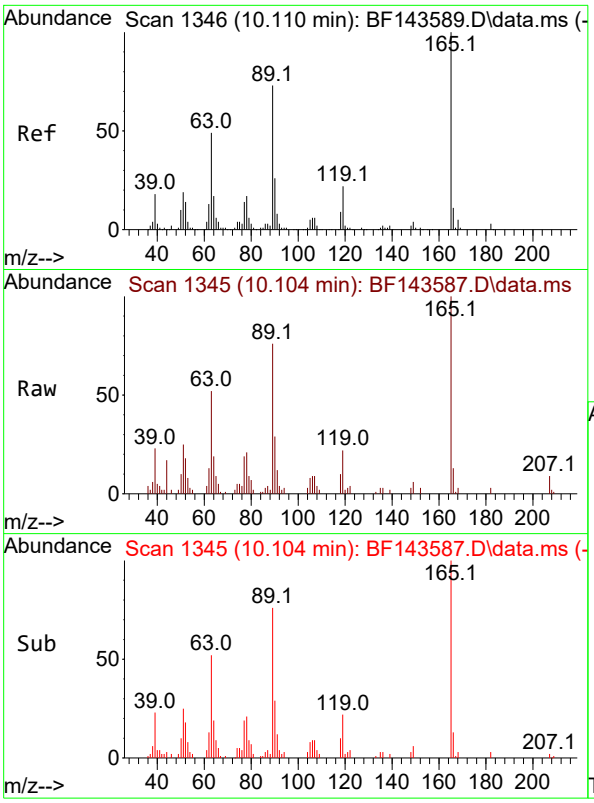


#56
4-Nitrophenol
Concen: 10.297 ng
RT: 10.010 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:139 Resp: 15629

Ion	Ratio	Lower	Upper
139	100		
109	77.4	47.3	87.3
65	112.2	86.8	126.8



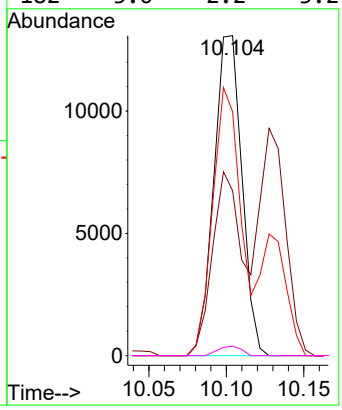


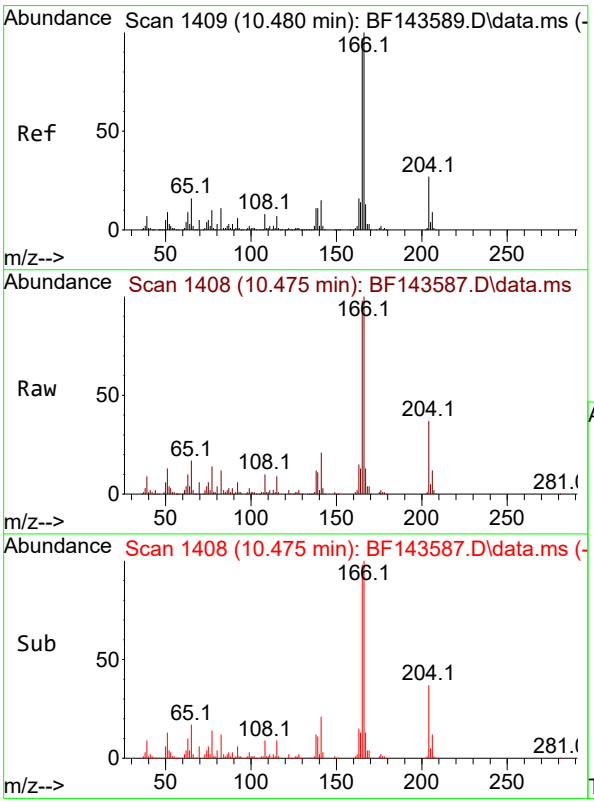
#57
2,4-Dinitrotoluene
Concen: 8.819 ng
RT: 10.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 16465

Ion	Ratio	Lower	Upper
165	100		
63	51.5	39.5	59.3
89	76.2	58.1	87.1
182	3.0	2.2	3.2

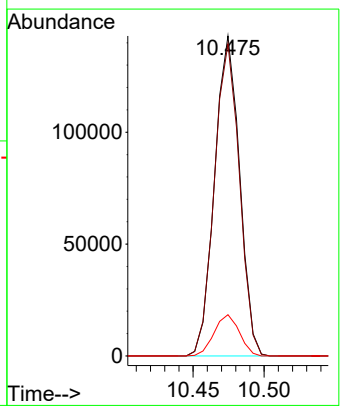


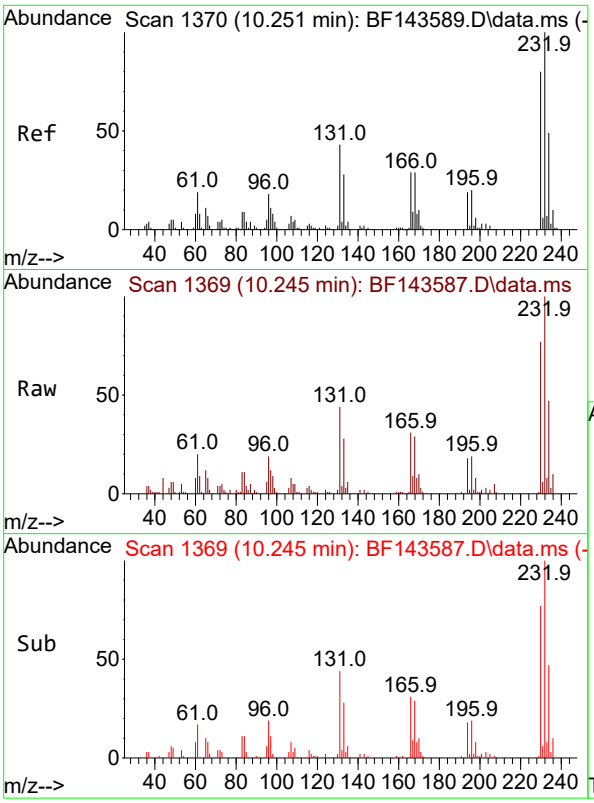


#58
Fluorene
Concen: 11.042 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:166 Resp: 174729

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.7	116.5
167	12.9	10.6	15.8



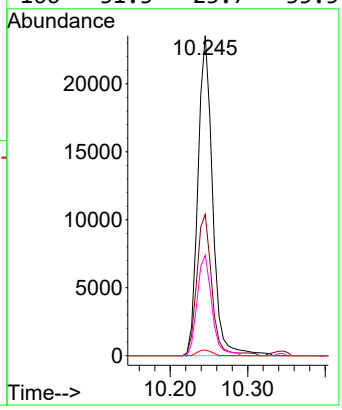


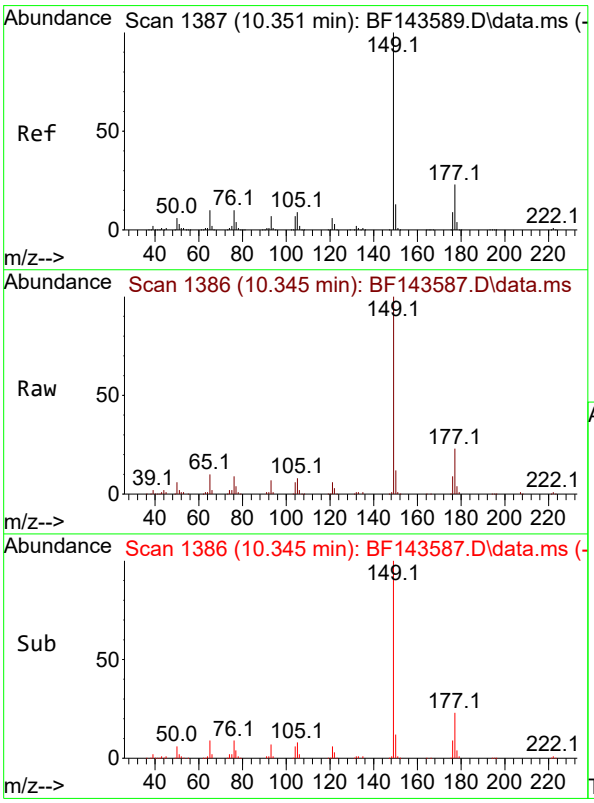
#59
2,3,4,6-Tetrachlorophenol
Concen: 8.734 ng
RT: 10.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 30861

Ion	Ratio	Lower	Upper
232	100		
131	45.4	35.9	53.9
130	1.7	1.8	2.8#
166	31.3	23.7	35.5

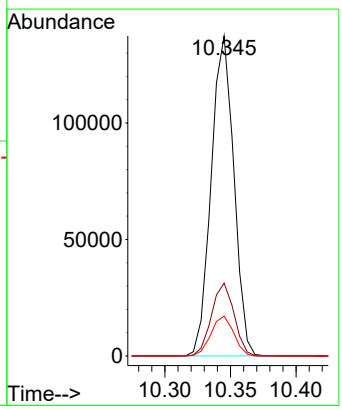


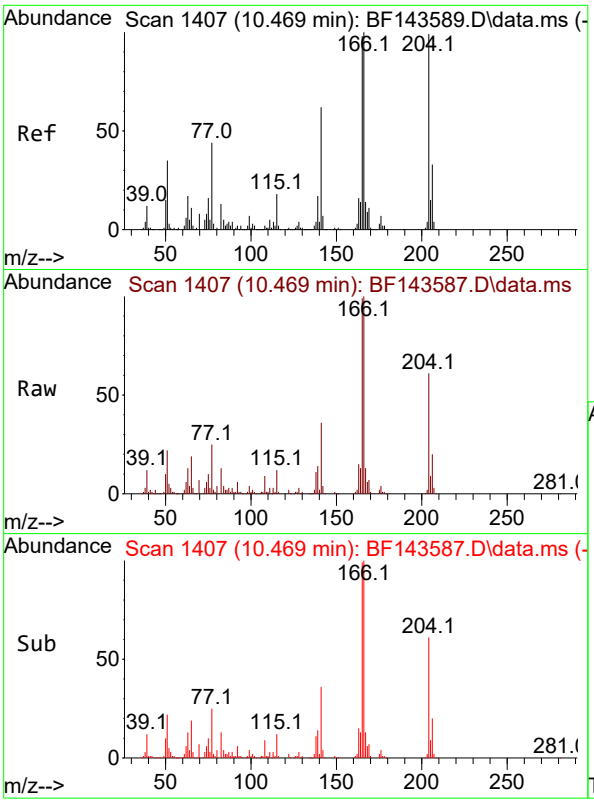


#60
Diethylphthalate
Concen: 10.396 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:149 Resp: 164893

Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.1	27.1
150	12.5	10.1	15.1



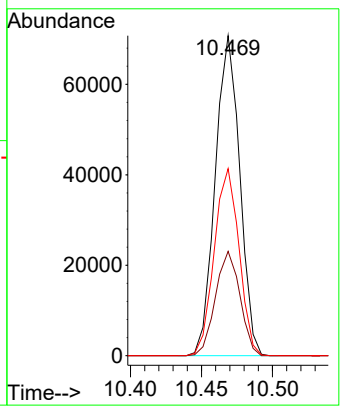


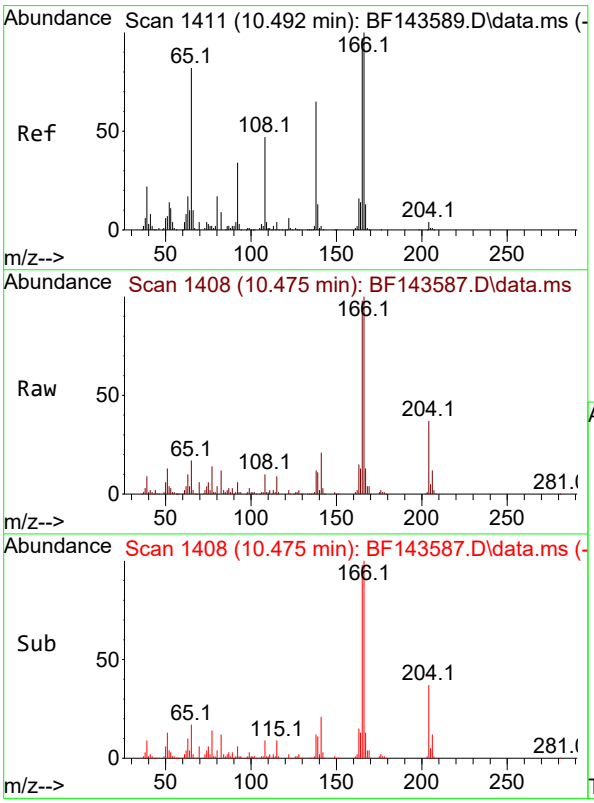
#61
4-Chlorophenyl-phenylether
Concen: 10.960 ng
RT: 10.469 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 84817

Ion	Ratio	Lower	Upper
204	100		
206	32.6	27.0	40.6
141	58.4	50.2	75.2

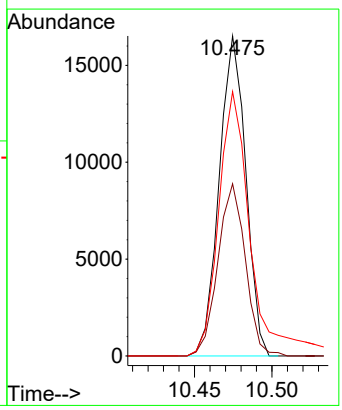


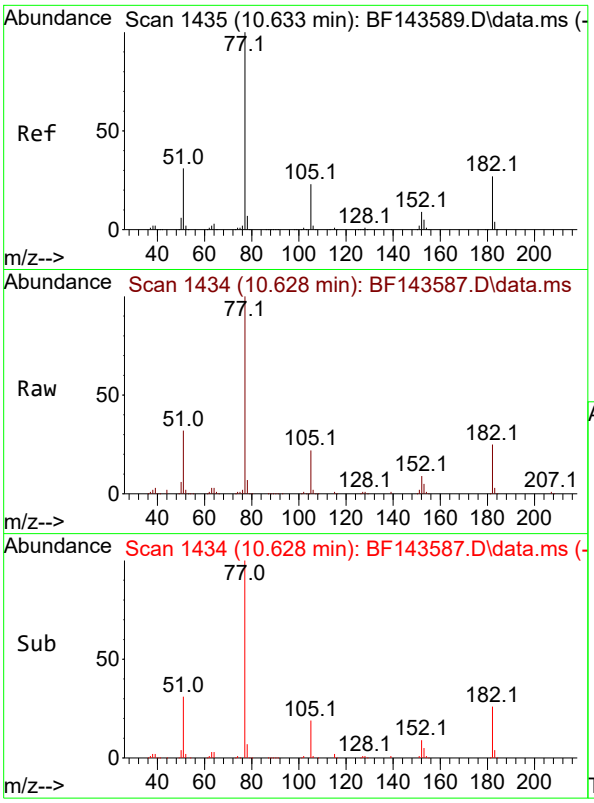


#62
4-Nitroaniline
Concen: 9.171 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.017 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:138 Resp: 19692

Ion	Ratio	Lower	Upper
138	100		
92	53.8	31.3	71.3
108	82.6	51.6	91.6



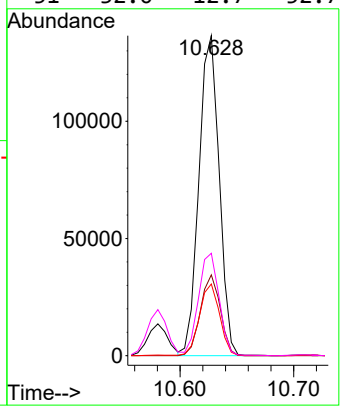


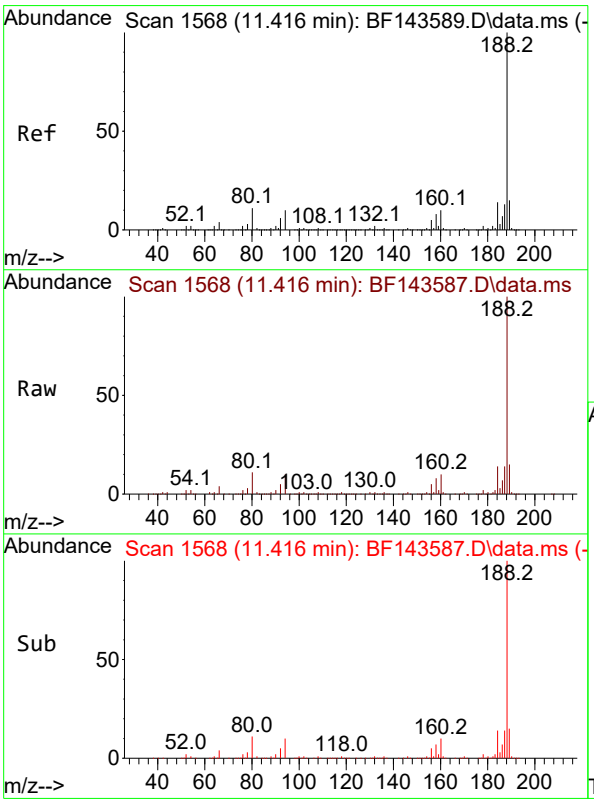
#63
Azobenzene
Concen: 10.501 ng
RT: 10.628 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 168877

Ion	Ratio	Lower	Upper
77	100		
182	25.3	6.3	46.3
105	22.4	2.4	42.4
51	32.0	12.7	52.7

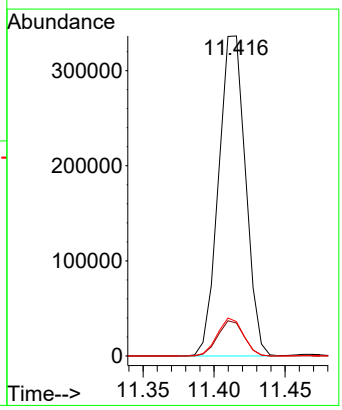


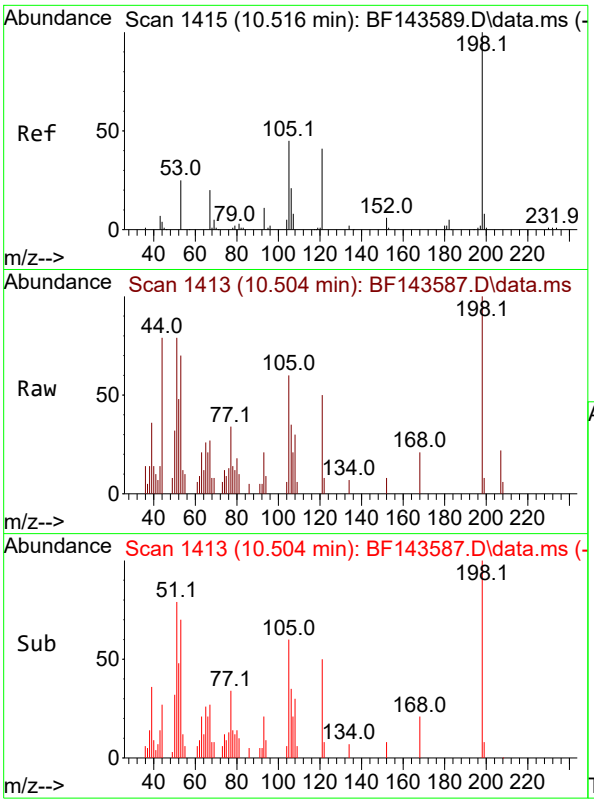


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:188 Resp: 444330

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.4
80	10.7	8.9	13.3



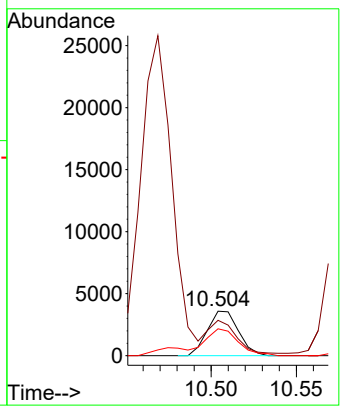


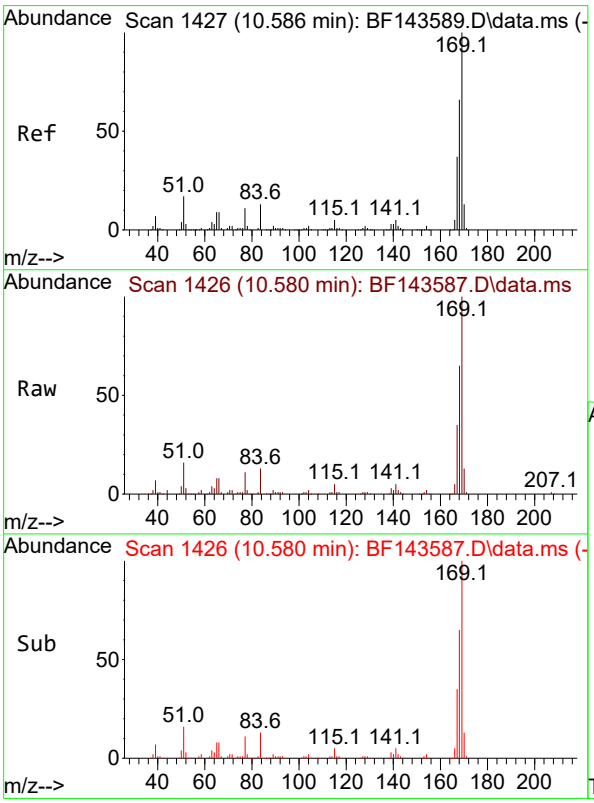
#65
4,6-Dinitro-2-methylphenol
Concen: 10.835 ng
RT: 10.504 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 4554

Ion	Ratio	Lower	Upper
198	100		
51	79.5	41.5	81.5
105	60.4	28.2	68.2

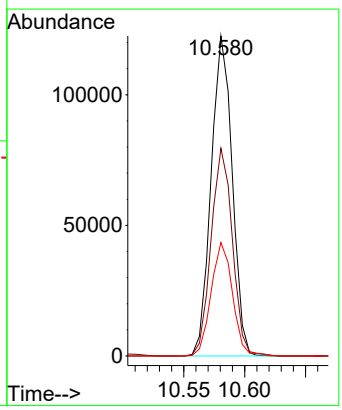


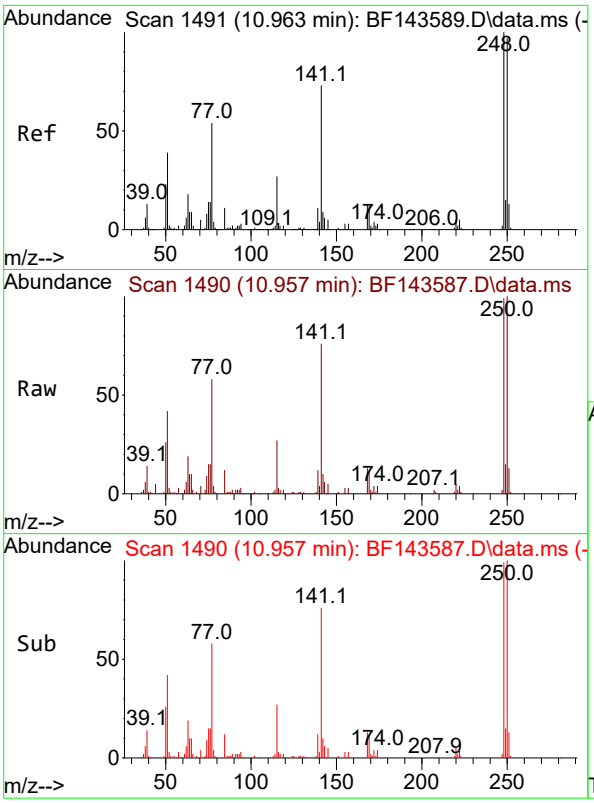


#66
n-Nitrosodiphenylamine
Concen: 10.434 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:169 Resp: 147463

Ion	Ratio	Lower	Upper
169	100		
168	64.9	53.1	79.7
167	35.4	29.3	43.9



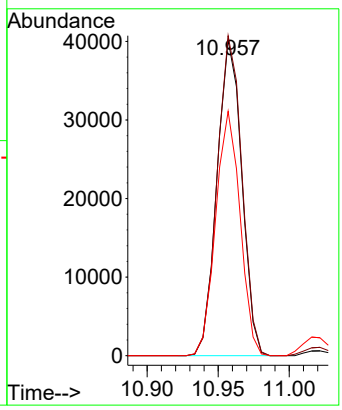


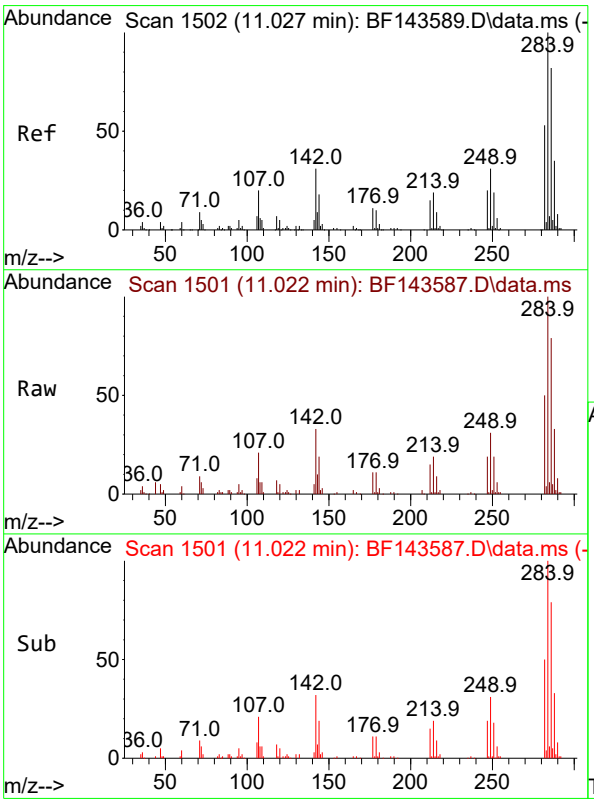
#67
4-Bromophenyl-phenylether
Concen: 10.138 ng
RT: 10.957 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 48723

Ion	Ratio	Lower	Upper
248	100		
250	101.3	77.8	116.6
141	77.4	58.5	87.7

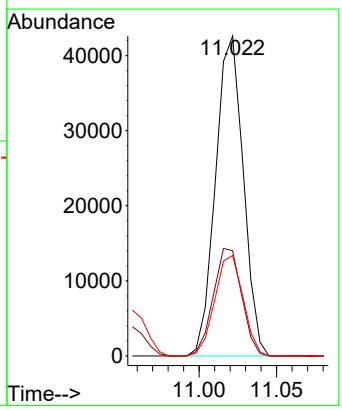


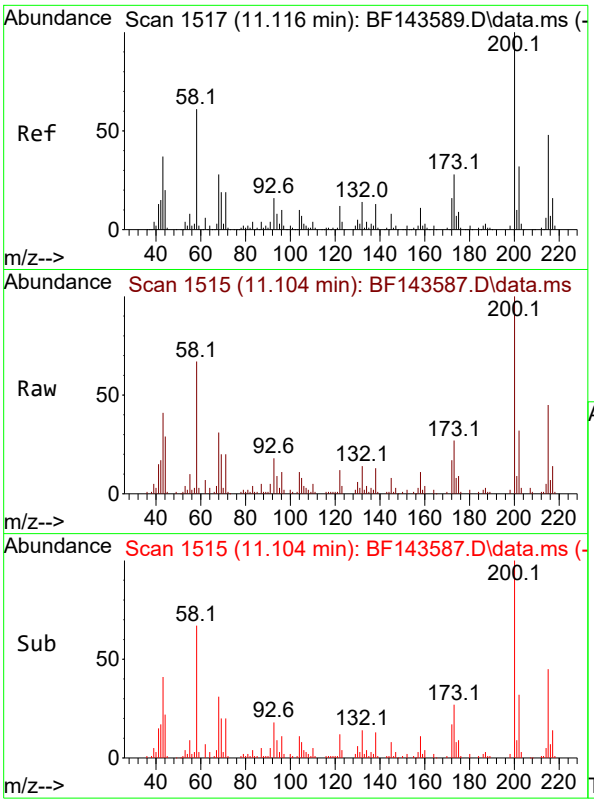


#68
Hexachlorobenzene
Concen: 10.319 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.005 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:284 Resp: 53046

Ion	Ratio	Lower	Upper
284	100		
142	32.9	24.7	37.1
249	31.4	25.0	37.6



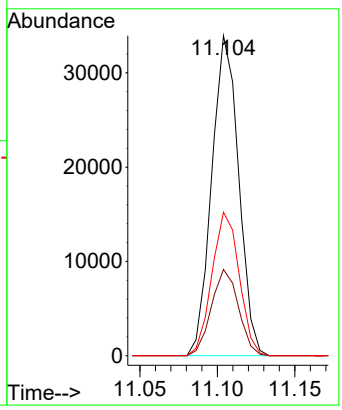


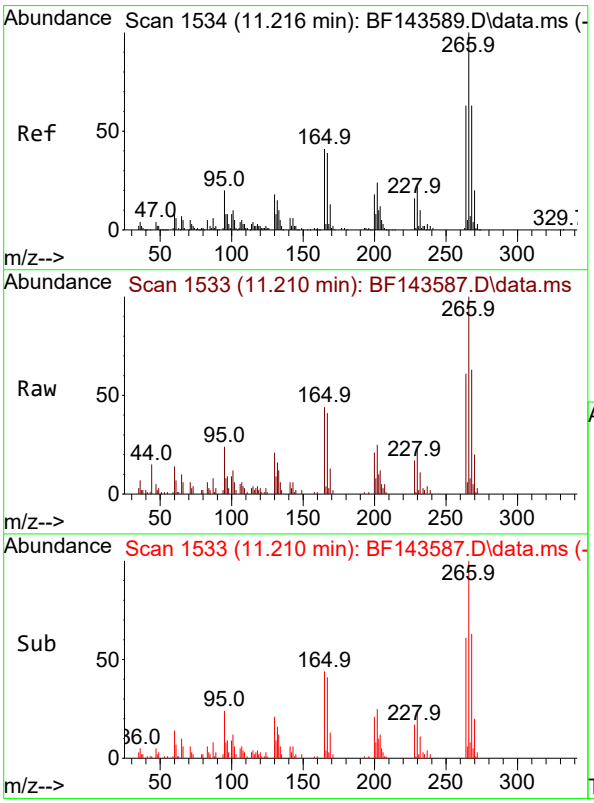
#69
Atrazine
Concen: 10.080 ng
RT: 11.104 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:200 Resp: 40951

Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.6	47.6
215	44.8	28.3	68.3

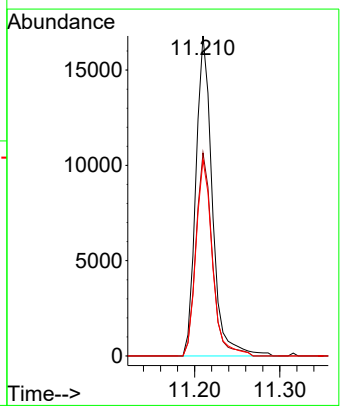


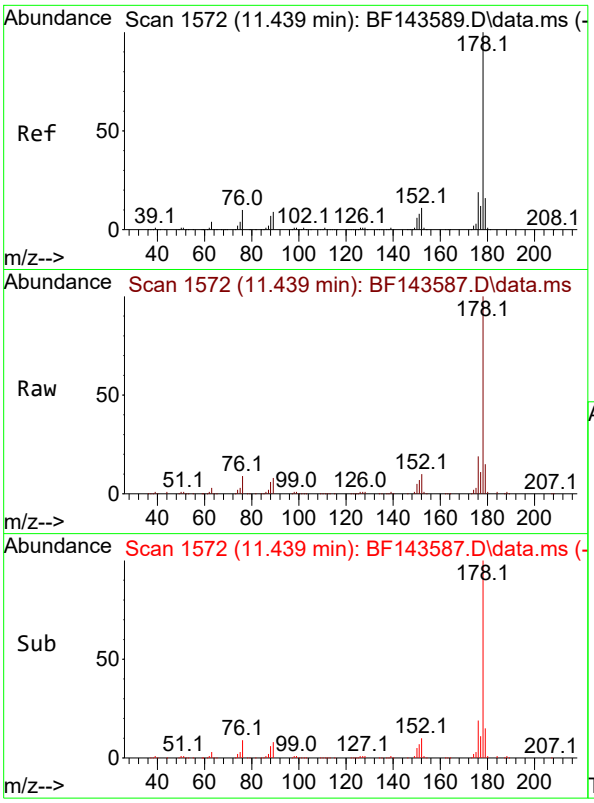


#70
Pentachlorophenol
Concen: 7.668 ng
RT: 11.210 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:266 Resp: 22523

Ion	Ratio	Lower	Upper
266	100		
268	63.4	50.4	75.6
264	61.3	50.1	75.1



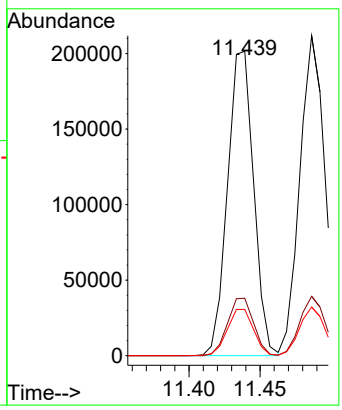


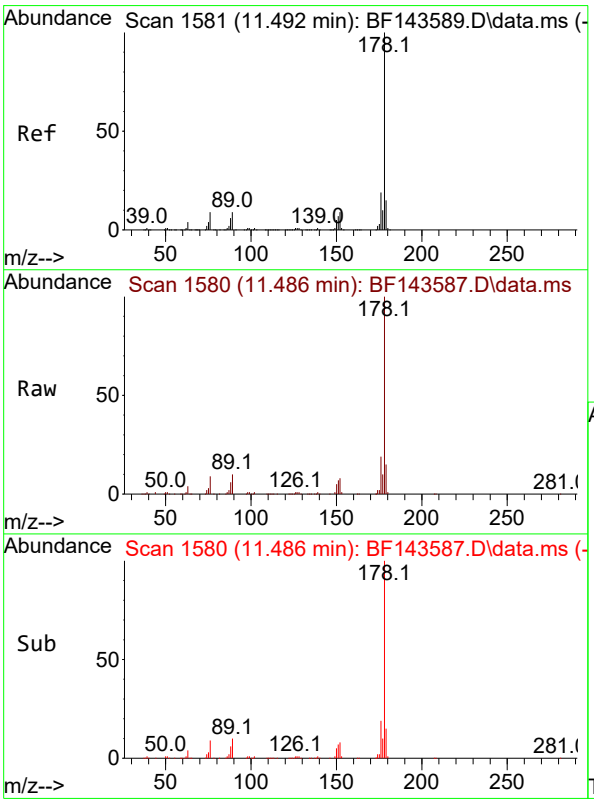
#71
Phenanthrene
Concen: 10.849 ng
RT: 11.439 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 258097

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	15.2	12.5	18.7

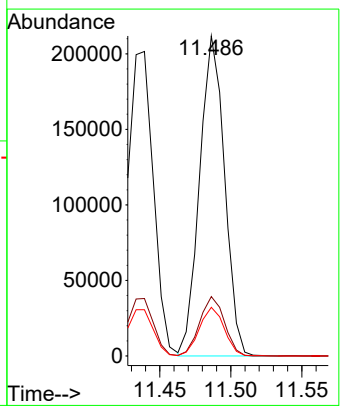


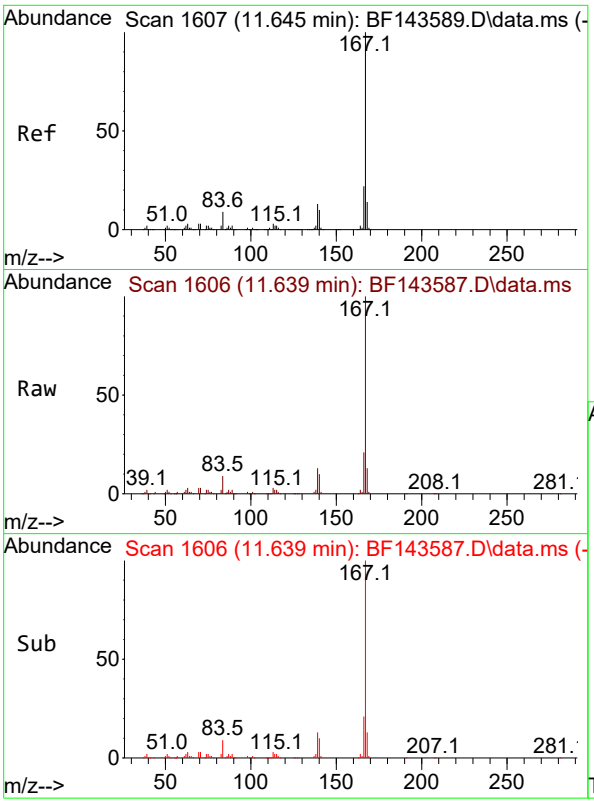


#72
Anthracene
Concen: 10.820 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:178 Resp: 259415

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.2	12.4	18.6



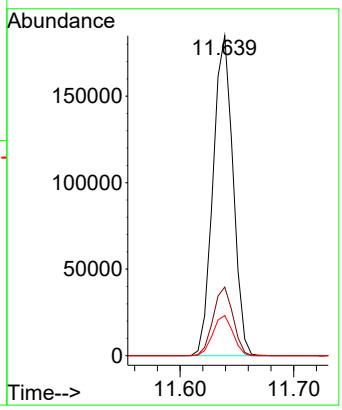


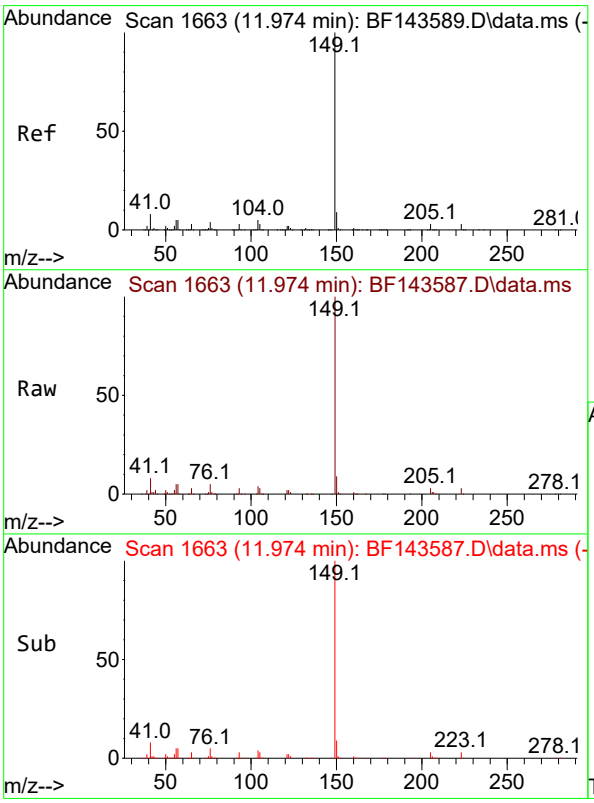
#73
Carbazole
Concen: 10.921 ng
RT: 11.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:167 Resp: 226326

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.3	25.9
139	12.5	10.4	15.6

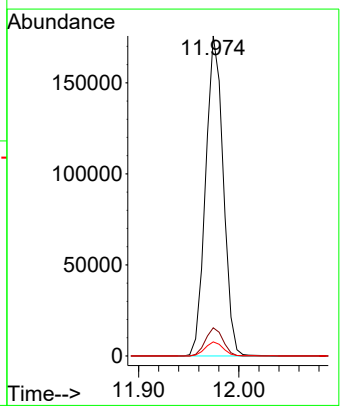


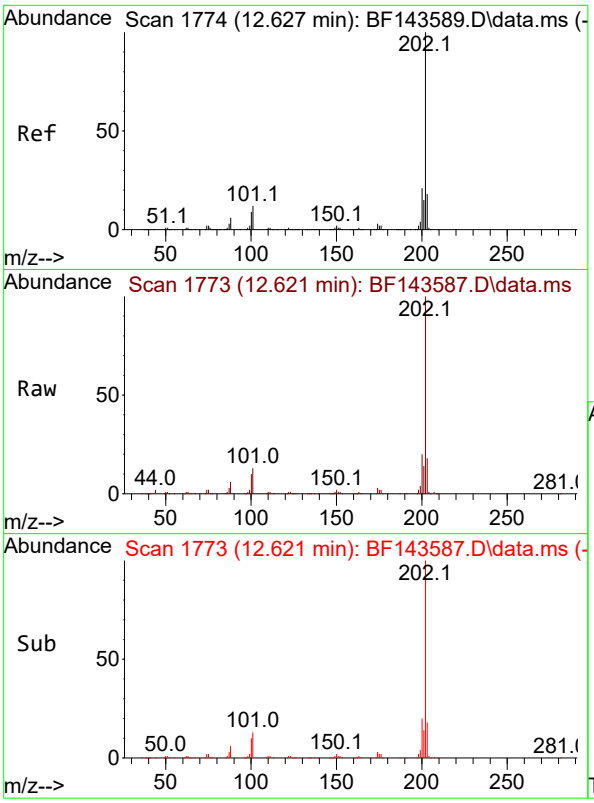


#74
Di-n-butylphthalate
Concen: 10.193 ng
RT: 11.974 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:149 Resp: 215157

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.4	11.2
104	4.4	3.6	5.4



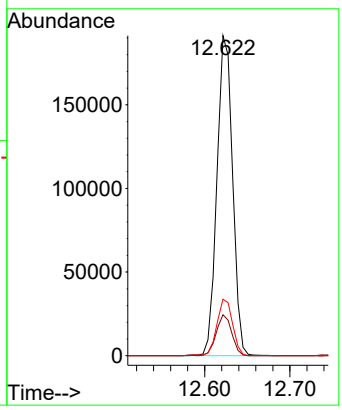


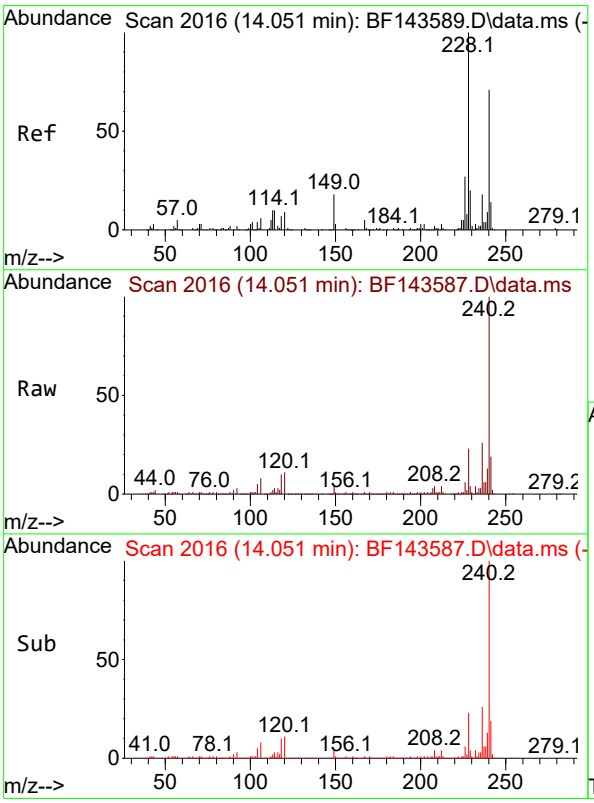
#75
Fluoranthene
Concen: 11.257 ng
RT: 12.621 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 244534

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	32.3
203	17.6	0.0	37.5

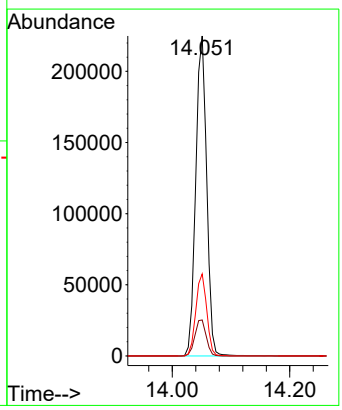


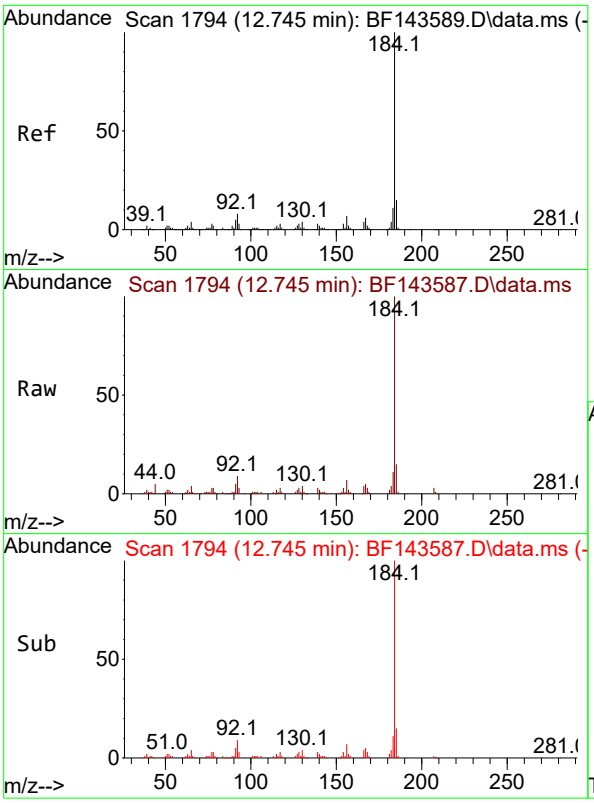


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:240 Resp: 290126

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.6	14.4
236	25.7	20.2	30.2



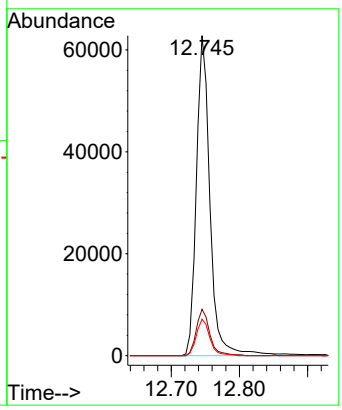


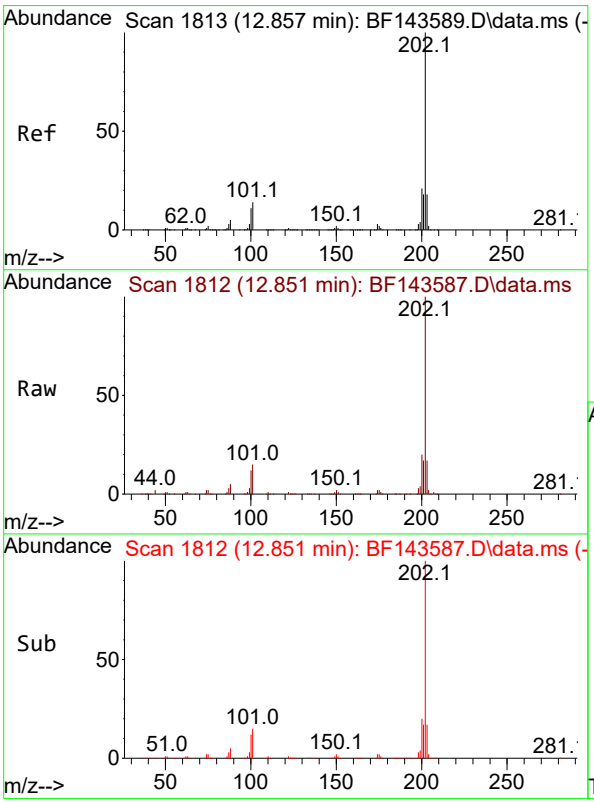
#77
Benzidine
Concen: 12.632 ng
RT: 12.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 86805

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.8	17.6
183	11.4	9.1	13.7

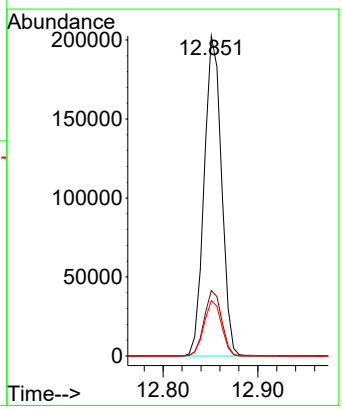


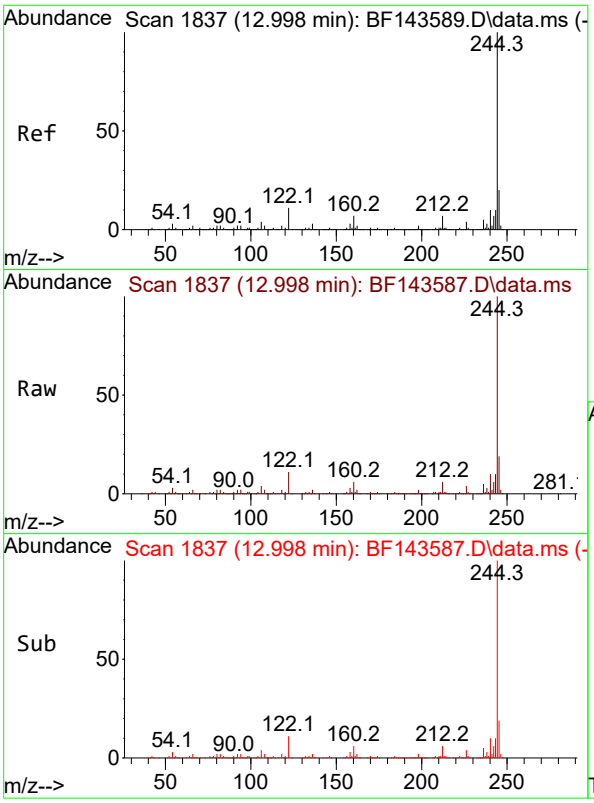


#78
Pyrene
Concen: 10.563 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:202 Resp: 256479

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.0	25.4
203	17.3	14.2	21.4



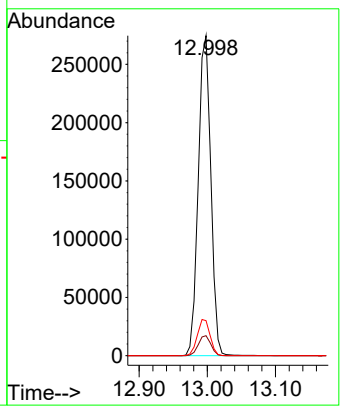


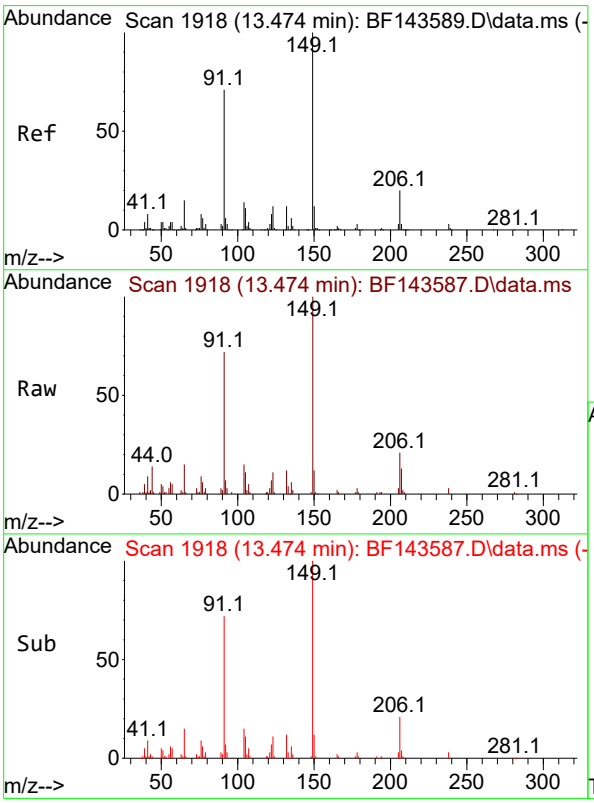
#79
Terphenyl-d14
Concen: 21.768 ng
RT: 12.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 351930

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.5	8.3
122	11.0	8.8	13.2

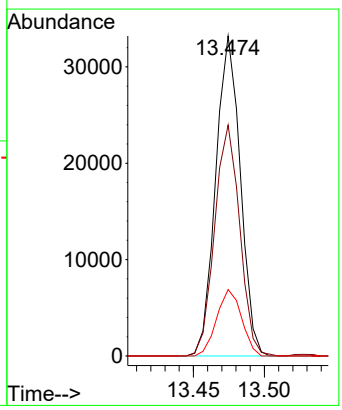


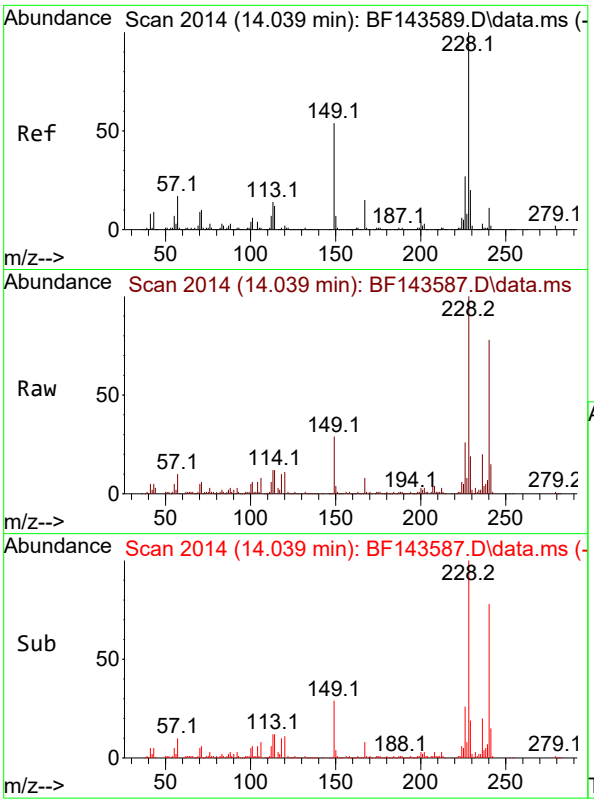


#80
Butylbenzylphthalate
Concen: 9.054 ng
RT: 13.474 min Scan# 1918
Delta R.T. 0.000 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:149 Resp: 39991

Ion	Ratio	Lower	Upper
149	100		
91	72.2	56.8	85.2
206	20.7	16.2	24.2



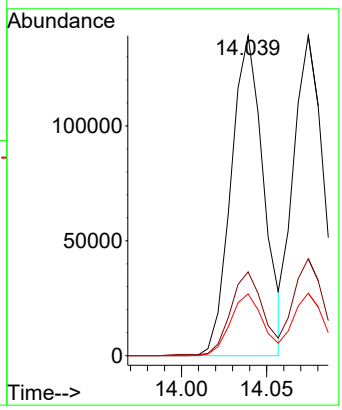


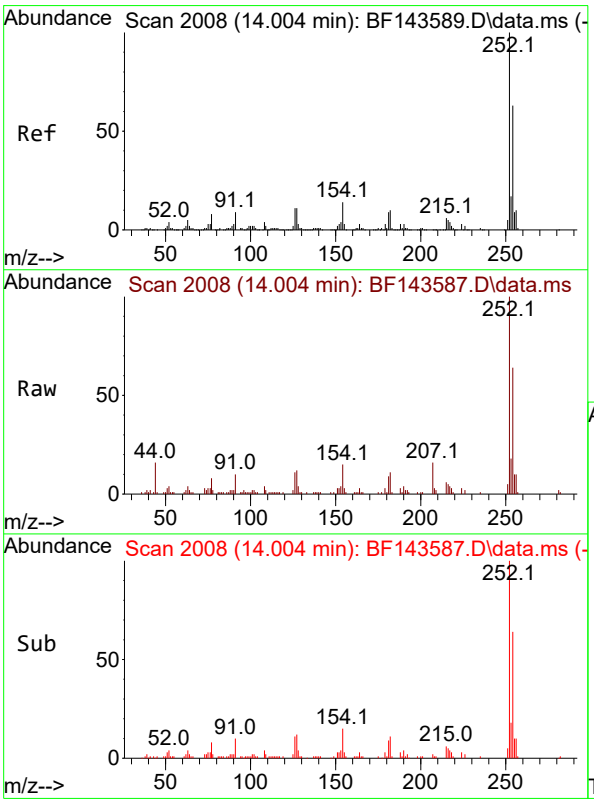
#81
Benzo(a)anthracene
Concen: 10.142 ng
RT: 14.039 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 185114

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.8	32.8
229	19.3	16.1	24.1

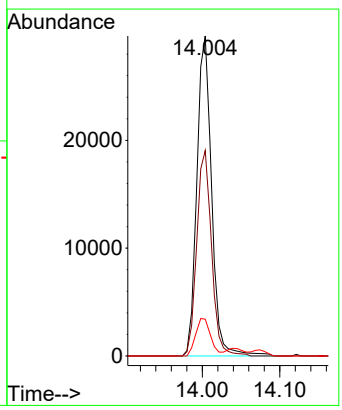


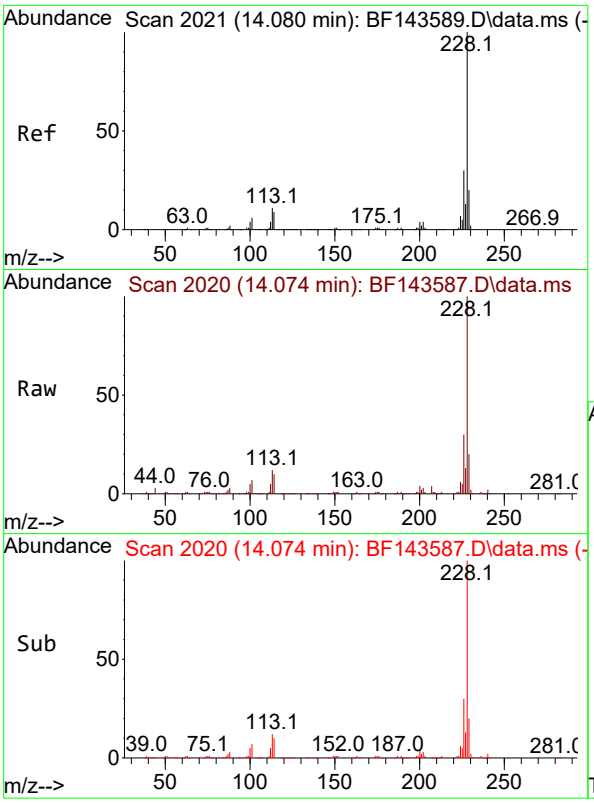


#82
3,3'-Dichlorobenzidine
Concen: 8.030 ng
RT: 14.004 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:252 Resp: 39296

Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.2	75.2
126	11.5	9.1	13.7



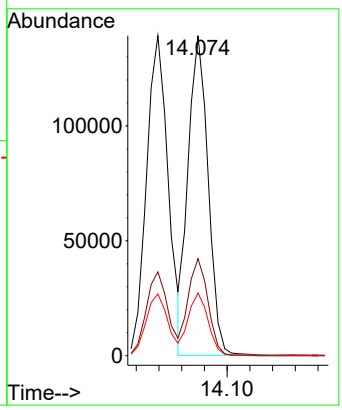


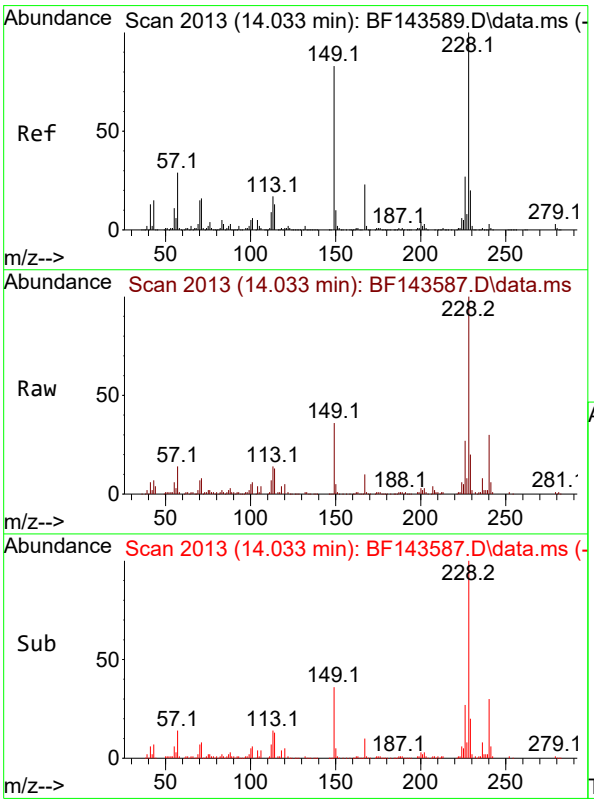
#83
Chrysene
Concen: 10.015 ng
RT: 14.074 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 170363

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.2
229	19.5	15.8	23.8

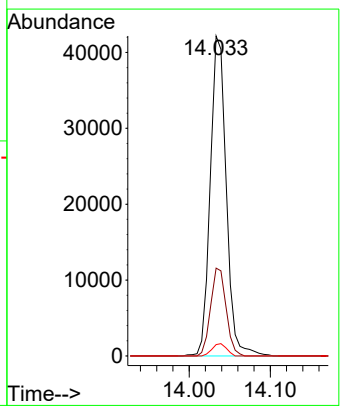


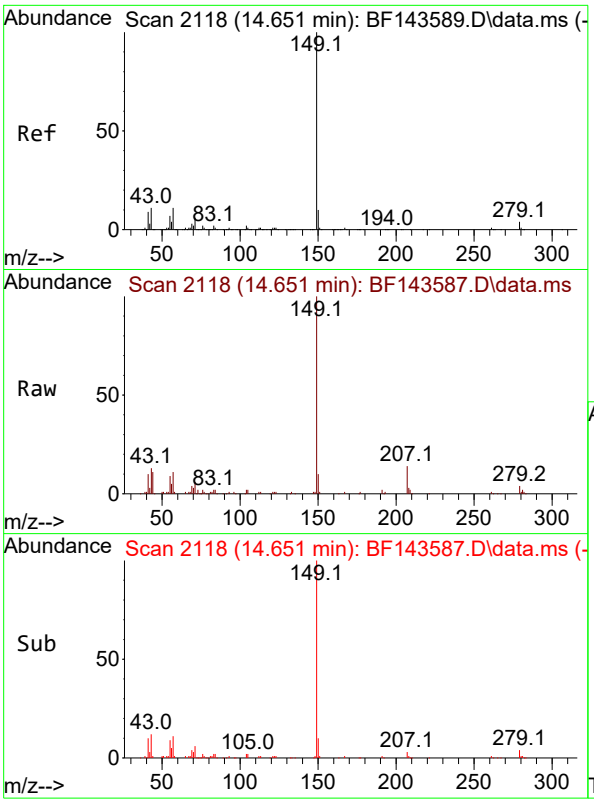


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.290 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:149 Resp: 57632

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.8	32.8
279	3.5	2.9	4.3



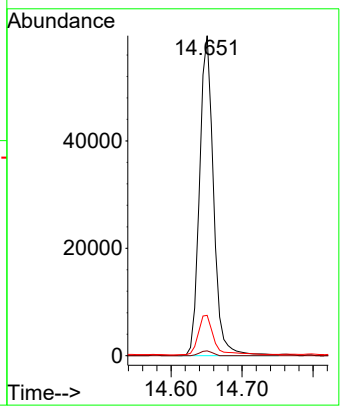


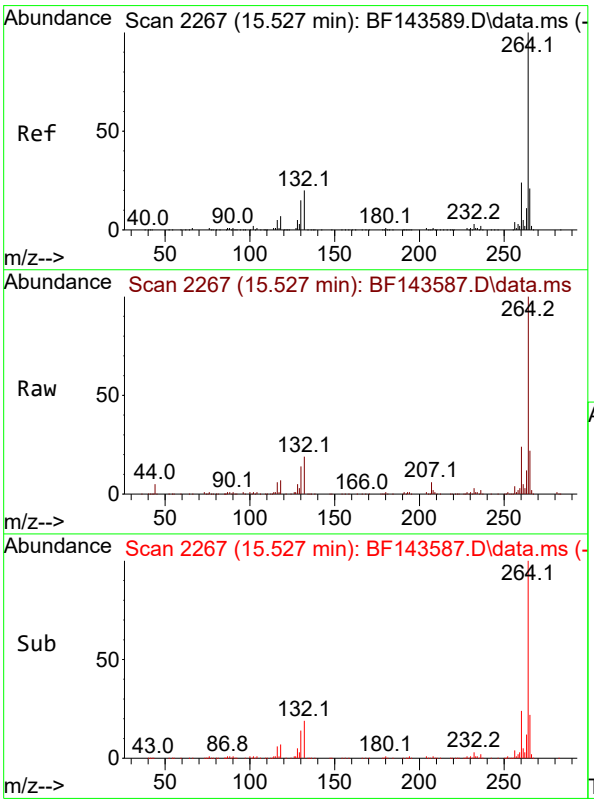
#85
Di-n-octyl phthalate
Concen: 10.276 ng
RT: 14.651 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 81881

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	13.7	9.5	14.3

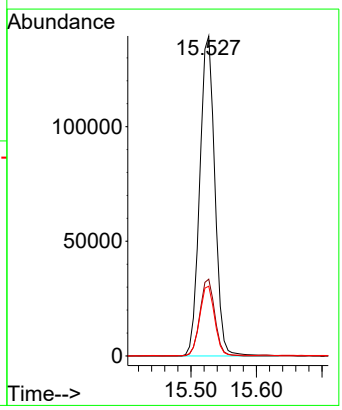


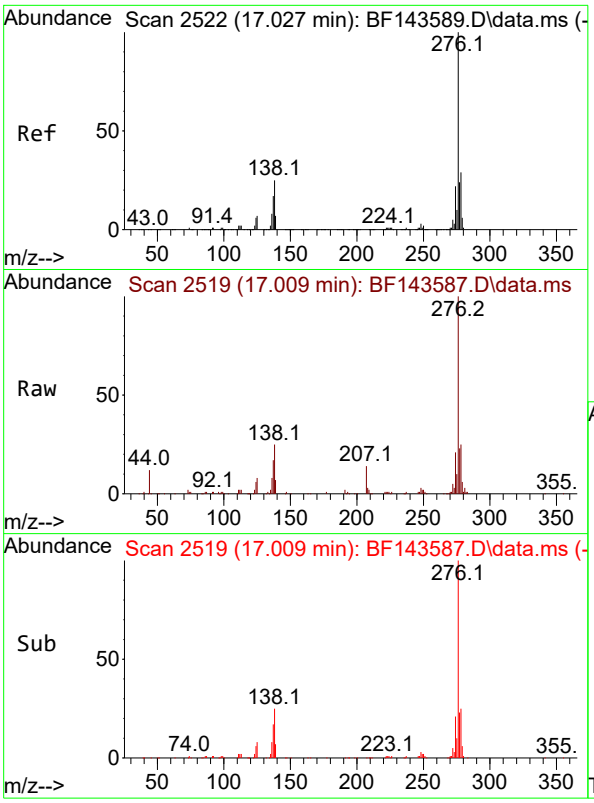


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:264 Resp: 223823

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	21.8	17.0	25.4



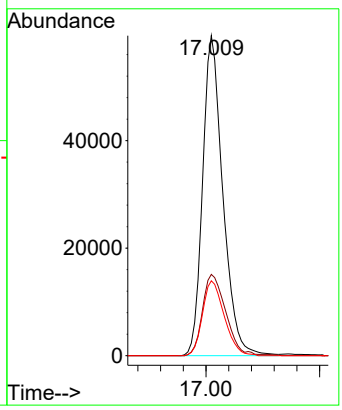


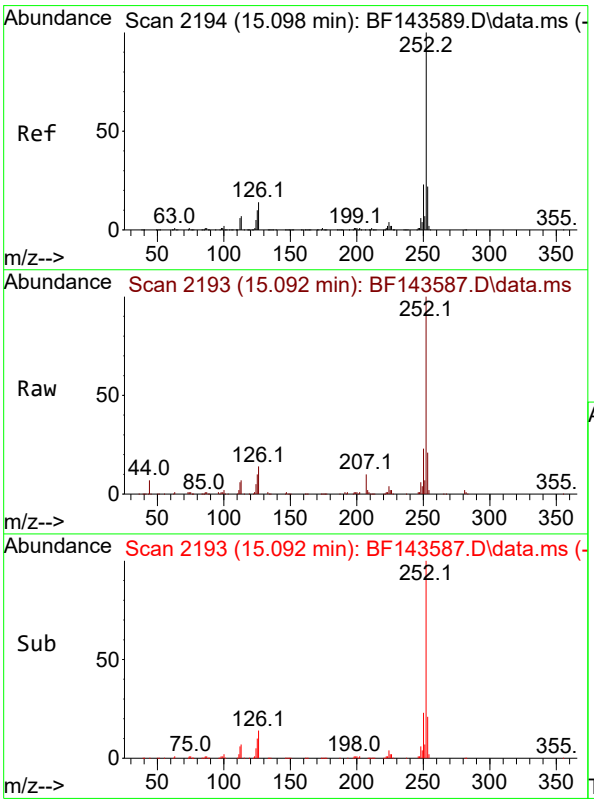
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.673 ng
RT: 17.009 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 147309

Ion	Ratio	Lower	Upper
276	100		
138	29.2	22.3	33.5
277	25.0	20.0	30.0

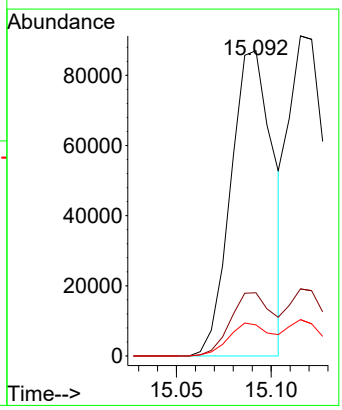


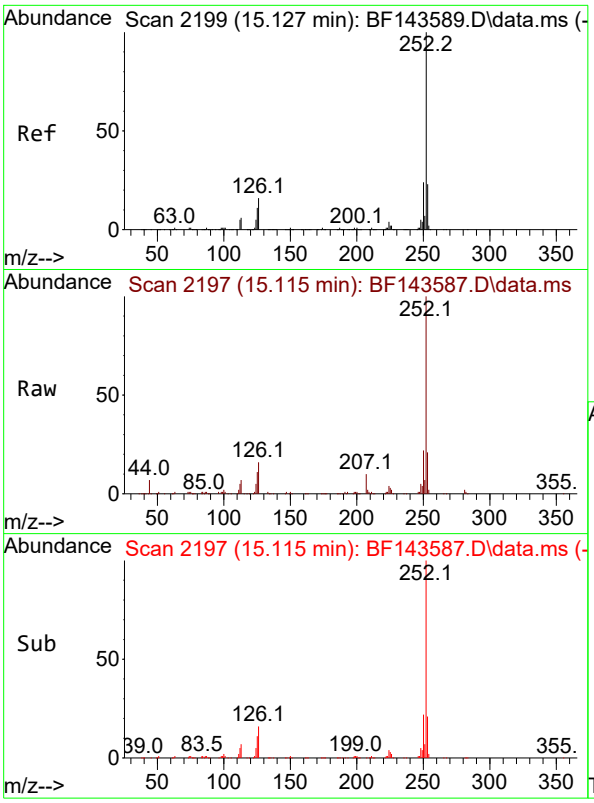


#88
Benzo(b)fluoranthene
Concen: 10.573 ng
RT: 15.092 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:252 Resp: 135213

Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.5	26.3
125	10.2	8.2	12.2



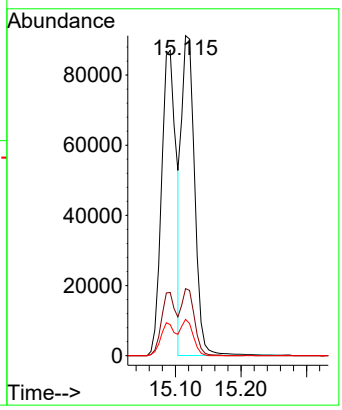


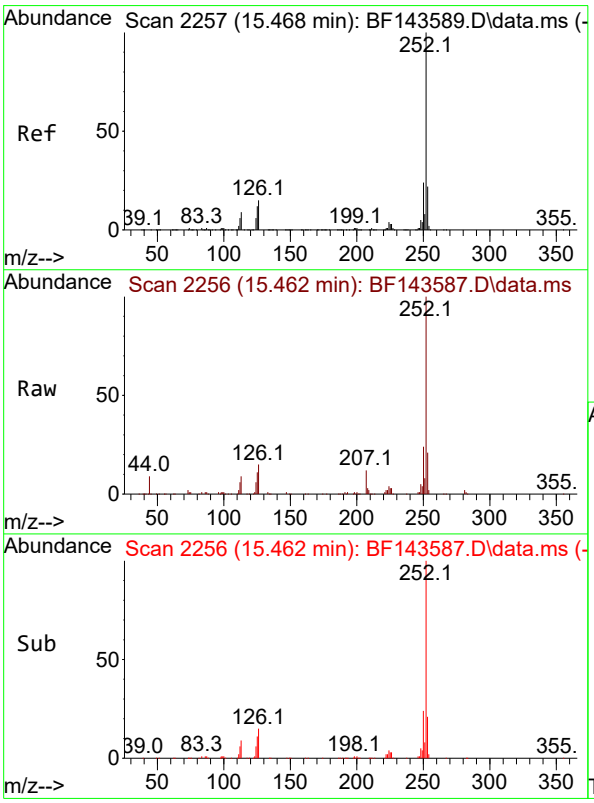
#89
Benzo(k)fluoranthene
Concen: 10.559 ng
RT: 15.115 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 126261

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.5	26.3
125	11.4	8.2	12.4

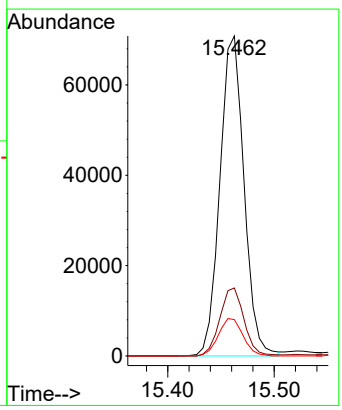


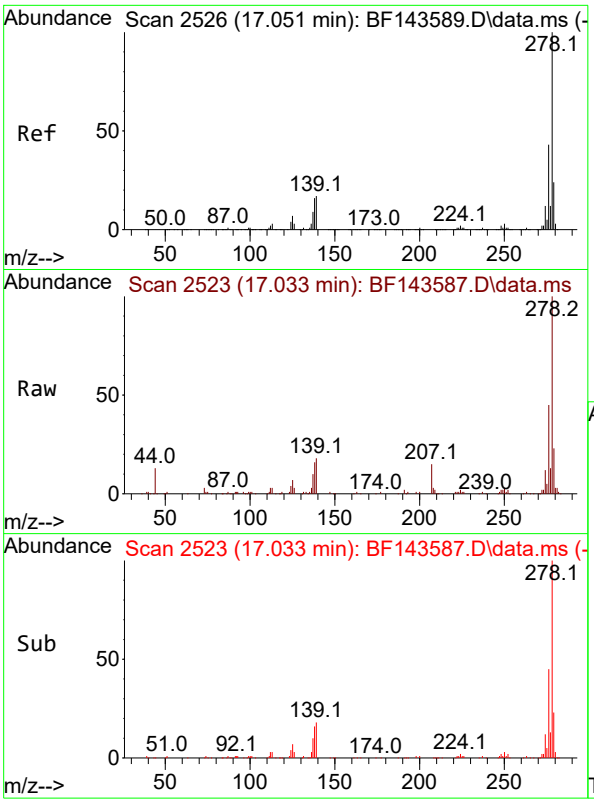


#90
Benzo(a)pyrene
Concen: 9.844 ng
RT: 15.462 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:252 Resp: 111234

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.2
125	11.3	9.2	13.8



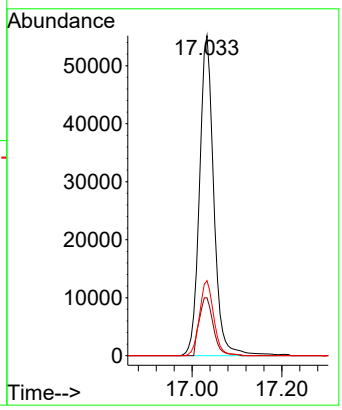


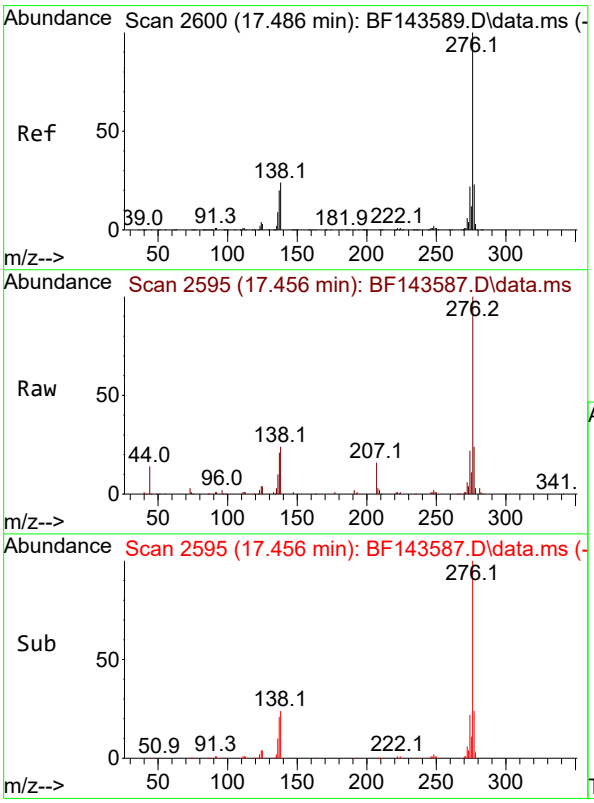
#91
Dibenzo(a,h)anthracene
Concen: 9.816 ng
RT: 17.033 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 122340

Ion	Ratio	Lower	Upper
278	100		
139	18.1	13.8	20.8
279	23.4	19.4	29.0

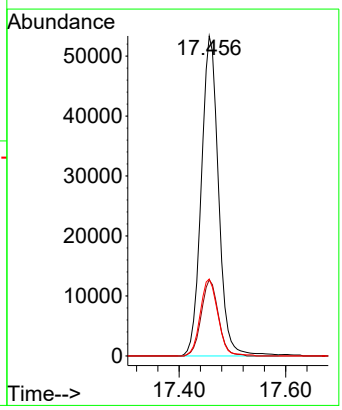




#92
Benzo(g,h,i)perylene
Concen: 9.715 ng
RT: 17.456 min Scan# 2595
Delta R.T. -0.029 min
Lab File: BF143587.D
Acq: 26 Aug 2025 10:08

Tgt Ion:276 Resp: 119872

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	27.8
138	24.1	19.1	28.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143588.D
Acq On : 26 Aug 2025 10:37
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 26 16:12:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	126189	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	488557	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	269663	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	435462	20.000	ng		0.00
76) Chrysene-d12	14.051	240	257613	20.000	ng		0.00
86) Perylene-d12	15.527	264	236871	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	313716	42.313	ng		0.00
7) Phenol-d6	6.504	99	383824	41.797	ng		0.00
23) Nitrobenzene-d5	7.451	82	253620	37.066	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	89576	42.477	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	687949	43.618	ng		0.00
79) Terphenyl-d14	12.998	244	629061	43.819	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	74760	20.611	ng		100
3) Pyridine	3.440	79	192454	21.130	ng		100
4) n-Nitrosodimethylamine	3.375	42	86200	19.889	ng		100
6) Aniline	6.551	93	271443	21.174	ng		100
8) 2-Chlorophenol	6.675	128	162297	20.690	ng		98
9) Benzaldehyde	6.440	77	128481	18.594	ng		98
10) Phenol	6.516	94	217020	21.071	ng		99
11) bis(2-Chloroethyl)ether	6.622	93	169267	21.447	ng		99
12) 1,3-Dichlorobenzene	6.834	146	192269	21.339	ng		99
13) 1,4-Dichlorobenzene	6.910	146	193768	21.327	ng		99
14) 1,2-Dichlorobenzene	7.063	146	183912	21.341	ng		98
15) Benzyl Alcohol	7.022	79	143246	20.814	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	313039	21.488	ng		99
17) 2-Methylphenol	7.128	107	139460	20.943	ng		99
18) Hexachloroethane	7.410	117	61025	21.139	ng		100
19) n-Nitroso-di-n-propyla...	7.298	70	122088	20.986	ng		99
20) 3+4-Methylphenols	7.281	107	178040	21.769	ng	#	87
22) Acetophenone	7.298	105	233899	21.258	ng		98
24) Nitrobenzene	7.469	77	149004	20.312	ng		100
25) Isophorone	7.710	82	333517	20.828	ng		99
26) 2-Nitrophenol	7.787	139	39289	18.004	ng		99
27) 2,4-Dimethylphenol	7.816	122	144884	20.796	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	206931	21.360	ng		99
29) 2,4-Dichlorophenol	8.022	162	141331	21.055	ng		100
30) 1,2,4-Trichlorobenzene	8.110	180	144742	20.652	ng		99
31) Naphthalene	8.192	128	503723	21.340	ng		100
32) Benzoic acid	7.892	122	44690m	19.212	ng		
33) 4-Chloroaniline	8.239	127	175911	21.095	ng		98
34) Hexachlorobutadiene	8.316	225	92307	20.901	ng		100
35) Caprolactam	8.587	113	38224	20.044	ng		98
36) 4-Chloro-3-methylphenol	8.710	107	146566	20.885	ng		99
37) 2-Methylnaphthalene	8.887	142	334216	21.440	ng		100
38) 1-Methylnaphthalene	8.987	142	320083	21.276	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	149310	21.287	ng		98
41) Hexachlorocyclopentadiene	9.039	237	67112	19.450	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	96167	20.748	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143588.D
Acq On : 26 Aug 2025 10:37
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

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

Quant Time: Aug 26 16:12:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	97036	20.719	ng		100
46) 1,1'-Biphenyl	9.345	154	399040	21.326	ng		99
47) 2-Chloronaphthalene	9.375	162	308140	20.847	ng		98
48) 2-Nitroaniline	9.463	65	60748	17.775	ng		96
49) Acenaphthylene	9.786	152	461493	21.459	ng		99
50) Dimethylphthalate	9.639	163	352224	21.235	ng		99
51) 2,6-Dinitrotoluene	9.704	165	39185	17.446	ng		97
52) Acenaphthene	9.963	154	300626	21.341	ng		99
53) 3-Nitroaniline	9.869	138	52343	18.640	ng	#	94
54) 2,4-Dinitrophenol	9.975	184	8735	18.641	ng	#	1
55) Dibenzofuran	10.134	168	444398	21.517	ng		98
56) 4-Nitrophenol	10.016	139	43472	19.508	ng		98
57) 2,4-Dinitrotoluene	10.104	165	50144	17.175	ng		95
58) Fluorene	10.475	166	331877	21.402	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	73703	21.286	ng		100
60) Diethylphthalate	10.345	149	331543	21.329	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	162506	21.428	ng		98
62) 4-Nitroaniline	10.481	138	51496	18.883	ng		97
63) Azobenzene	10.628	77	340432	21.601	ng		99
65) 4,6-Dinitro-2-methylph...	10.510	198	15397	18.075	ng		98
66) n-Nitrosodiphenylamine	10.581	169	288398	20.821	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	99160	21.052	ng		98
68) Hexachlorobenzene	11.022	284	105499	20.940	ng		98
69) Atrazine	11.110	200	81959	20.585	ng		99
70) Pentachlorophenol	11.210	266	54701	19.003	ng		99
71) Phenanthrene	11.439	178	490642	21.044	ng		99
72) Anthracene	11.486	178	501308	21.336	ng		99
73) Carbazole	11.639	167	431428	21.242	ng		100
74) Di-n-butylphthalate	11.975	149	440920	21.314	ng		100
75) Fluoranthene	12.622	202	463951	21.794	ng		99
77) Benzidine	12.745	184	168467	27.609	ng		99
78) Pyrene	12.851	202	466310	21.629	ng		99
80) Butylbenzylphthalate	13.474	149	99354	18.739	ng		99
81) Benzo(a)anthracene	14.039	228	331781	20.471	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	87340	20.100	ng		98
83) Chrysene	14.074	228	320345	21.209	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	136406	19.370	ng		99
85) Di-n-octyl phthalate	14.651	149	216458	18.941	ng		99
87) Indeno(1,2,3-cd)pyrene	17.015	276	346199	21.482	ng		100
88) Benzo(b)fluoranthene	15.092	252	267822	19.789	ng		99
89) Benzo(k)fluoranthene	15.121	252	275954	21.807	ng		99
90) Benzo(a)pyrene	15.463	252	245034	20.491	ng		100
91) Dibenzo(a,h)anthracene	17.039	278	282029	21.382	ng		99
92) Benzo(g,h,i)perylene	17.468	276	273261	20.926	ng		100

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

ICAL Form

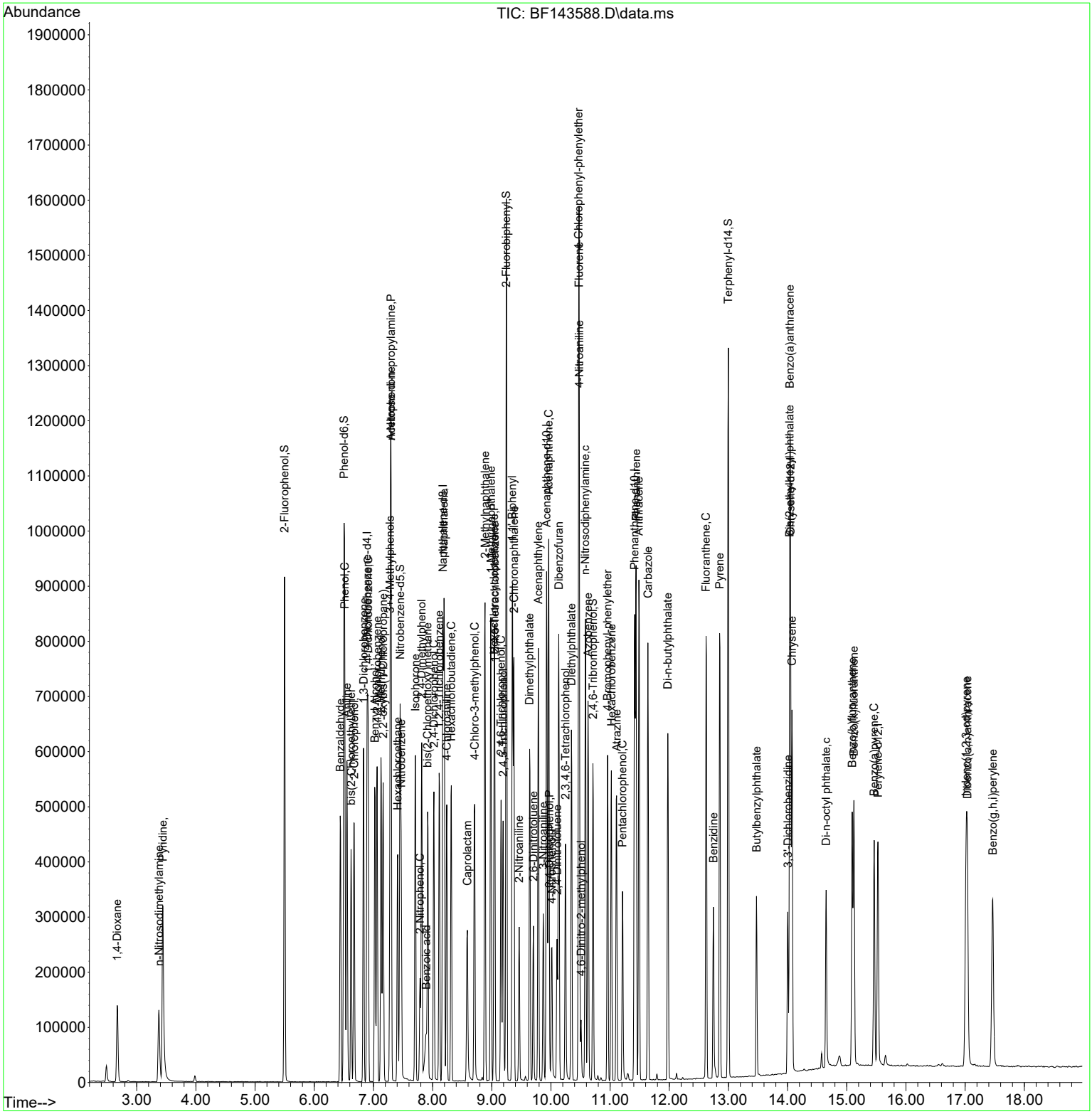
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143588.D
Acq On : 26 Aug 2025 10:37
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

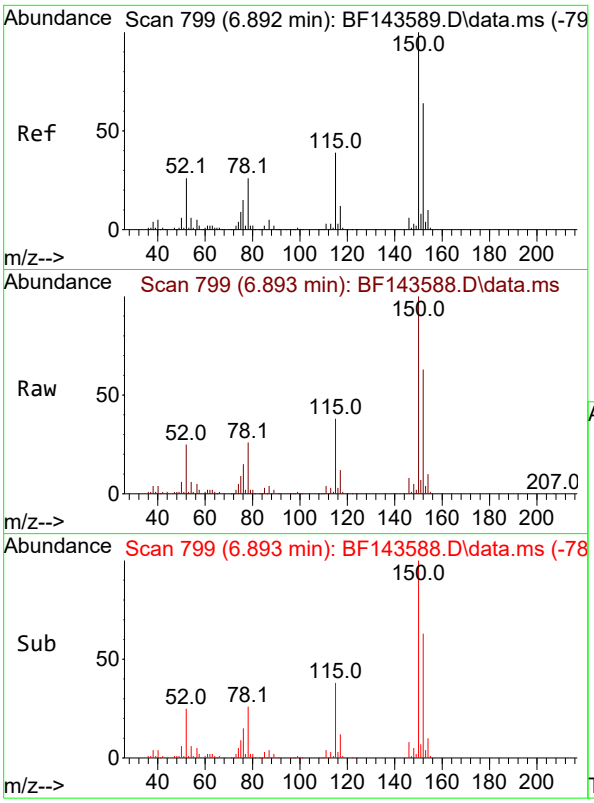
Quant Time: Aug 26 16:12:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

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

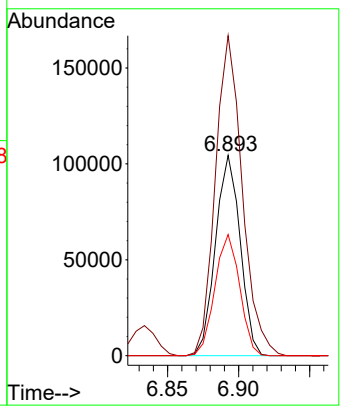




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 7
Delta R.T. 0.001 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:152 Resp: 12618

Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.9	187.3
115	60.5	48.0	72.0



Instrument :
BNA_F
ClientSampleId :
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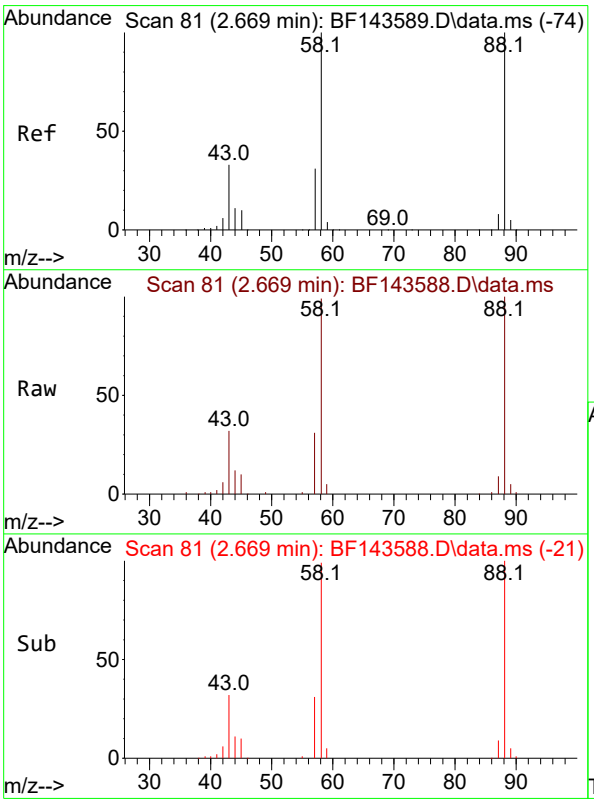
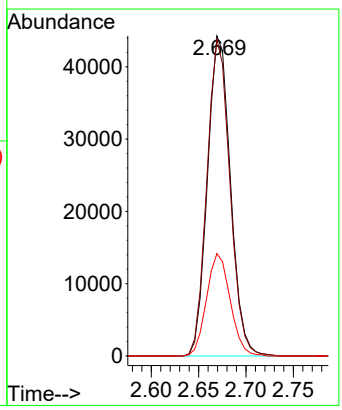
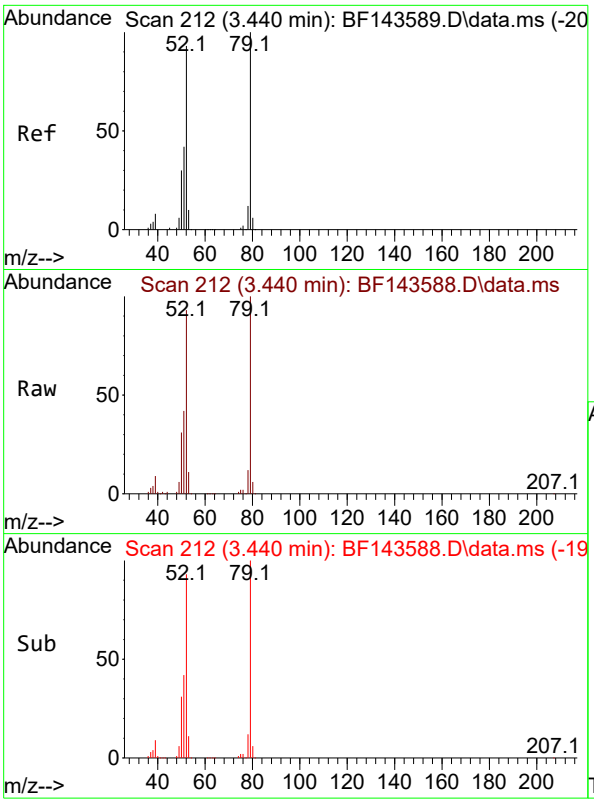


#2
1,4-Dioxane
Concen: 20.611 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion: 88 Resp: 74760

Ion	Ratio	Lower	Upper
88	100		
58	99.0	79.2	118.8
43	32.9	26.2	39.2

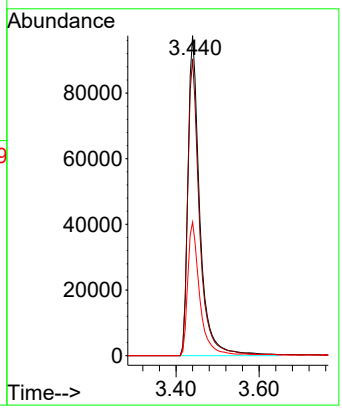




#3
Pyridine
Concen: 21.130 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion: 79 Resp: 19245

Ion	Ratio	Lower	Upper
79	100		
52	92.8	74.3	111.5
51	41.7	33.5	50.3



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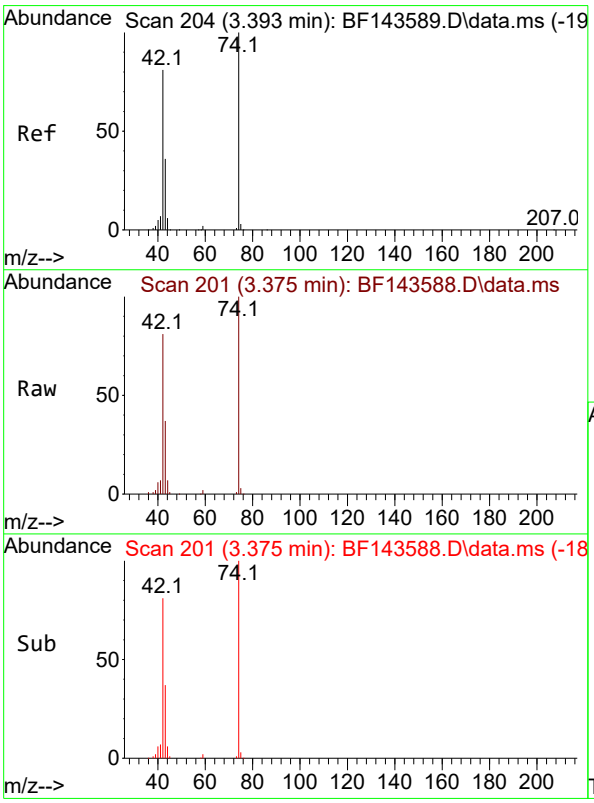
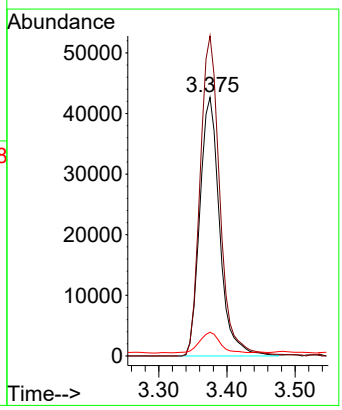
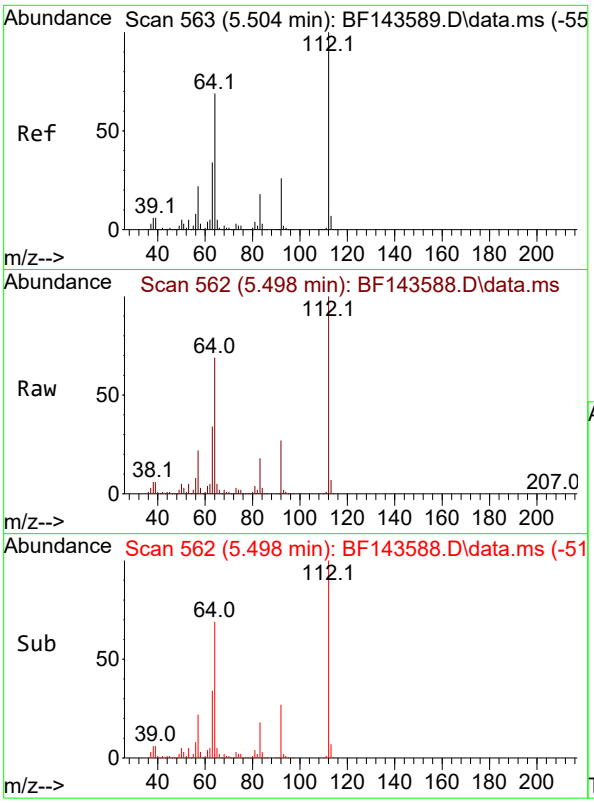


#4
n-Nitrosodimethylamine
Concen: 19.889 ng
RT: 3.375 min Scan# 201
Delta R.T. -0.017 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion: 42 Resp: 86200

Ion	Ratio	Lower	Upper
42	100		
74	123.7	98.9	148.3
44	9.1	7.0	10.4





#5
2-Fluorophenol
Concen: 42.313 ng
RT: 5.498 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:112 Resp: 31371

Ion	Ratio	Lower	Upper
112	100		
64	68.9	54.8	82.2
63	34.2	27.6	41.4

Instrument :
BNA_F
ClientSampleId :
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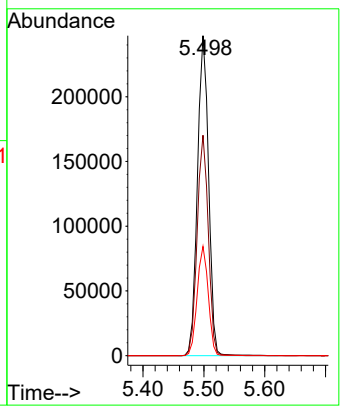
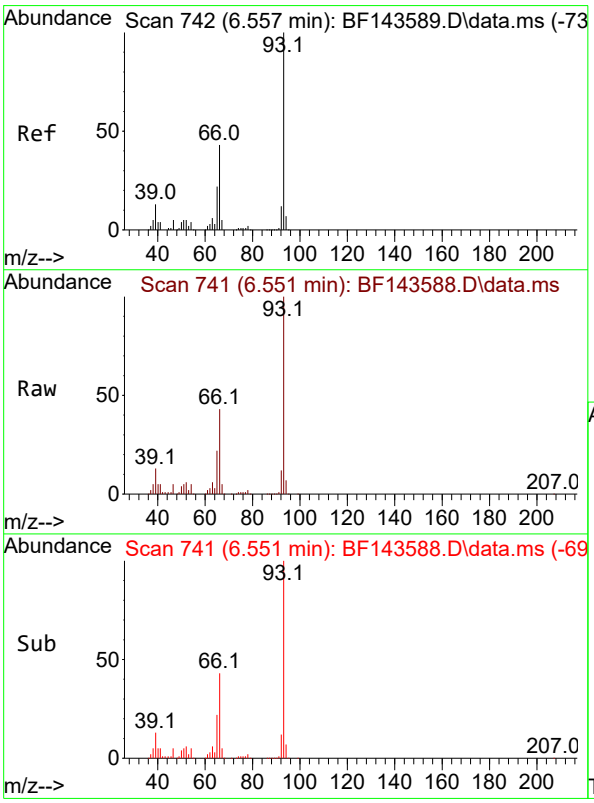
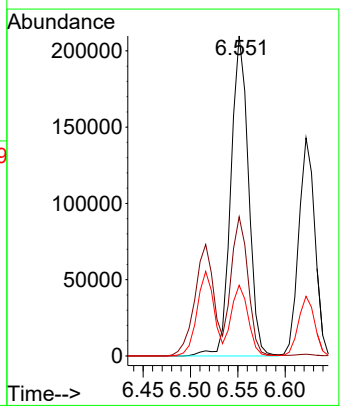


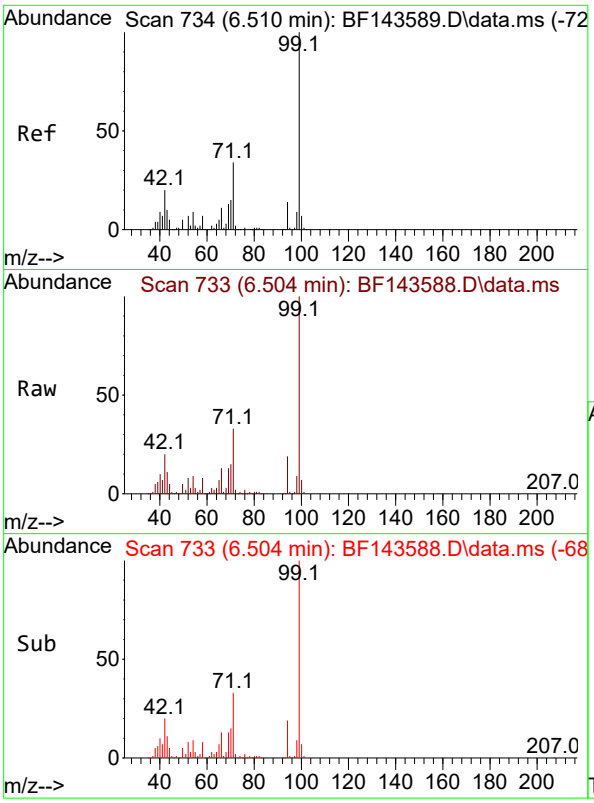


#6
Aniline
Concen: 21.174 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion: 93 Resp: 271443

Ion	Ratio	Lower	Upper
93	100		
66	43.5	35.0	52.4
65	22.1	17.5	26.3

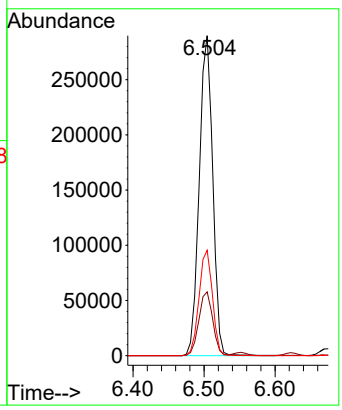




#7
Phenol-d6
Concen: 41.797 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion: 99 Resp: 38382

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.9	23.9
71	32.9	27.2	40.8



Instrument :
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ClientSampleId :
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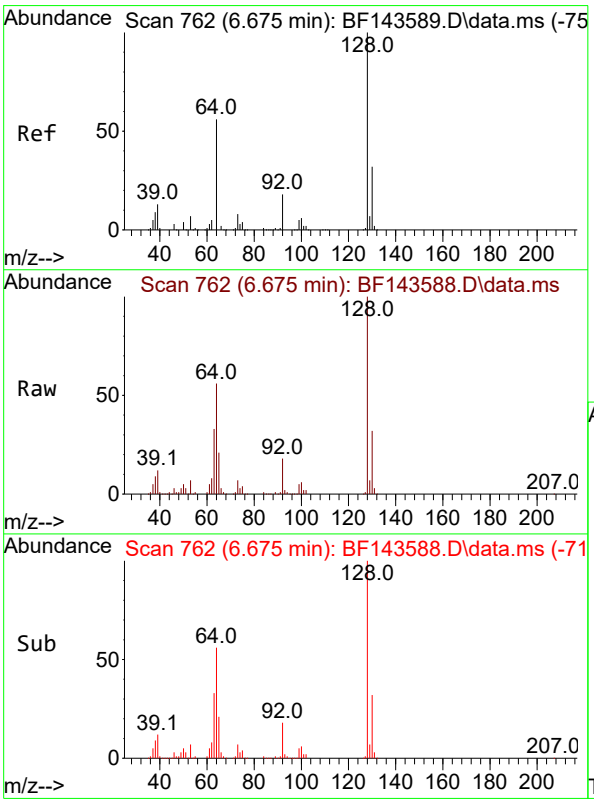
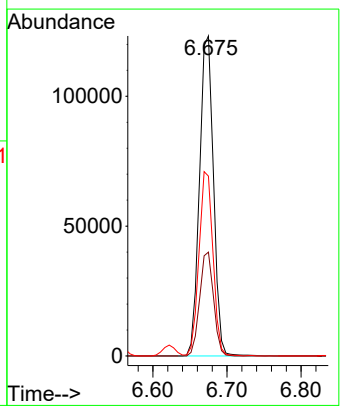
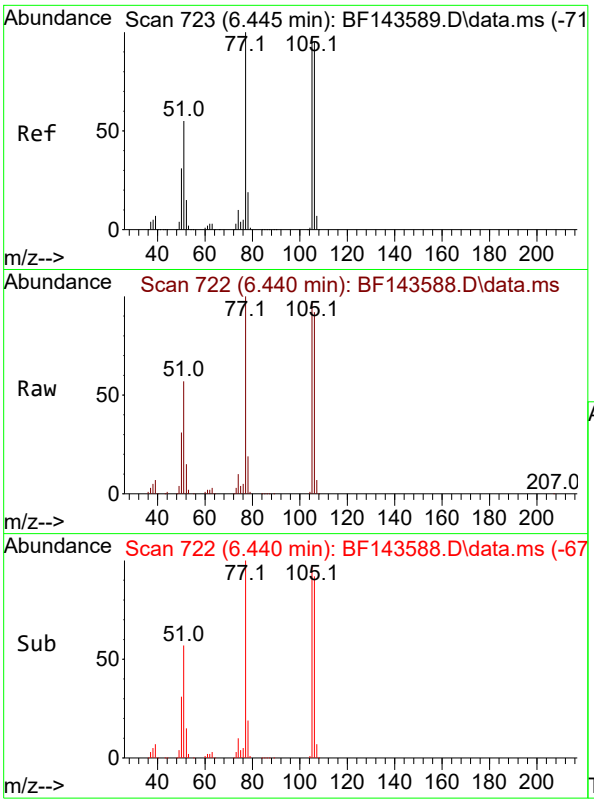


#8
2-Chlorophenol
Concen: 20.690 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:128 Resp: 162297

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.3	52.3
64	56.2	38.4	78.4

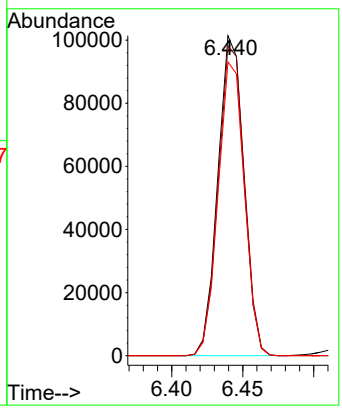




#9
Benzaldehyde
Concen: 18.594 ng
RT: 6.440 min Scan# 7
Delta R.T. -0.005 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion: 77 Resp: 12848

Ion	Ratio	Lower	Upper
77	100		
105	96.8	77.9	117.9
106	91.8	74.9	114.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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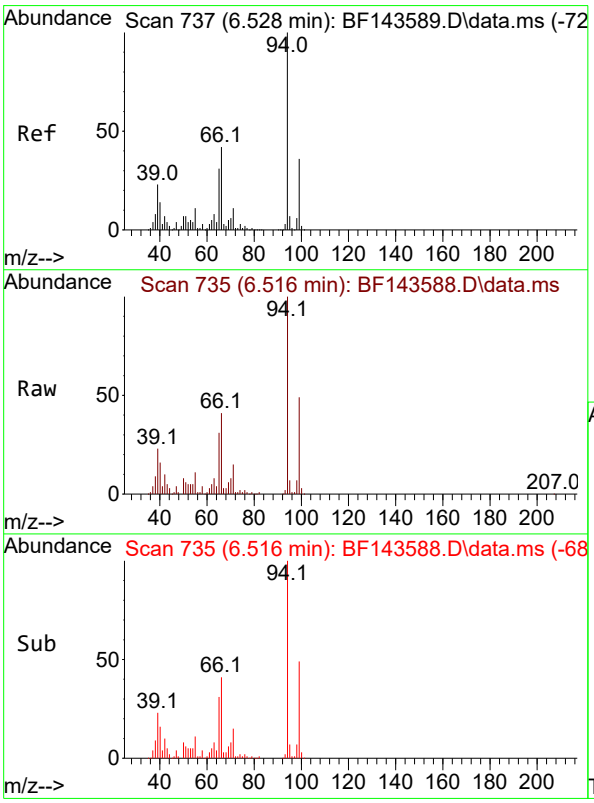
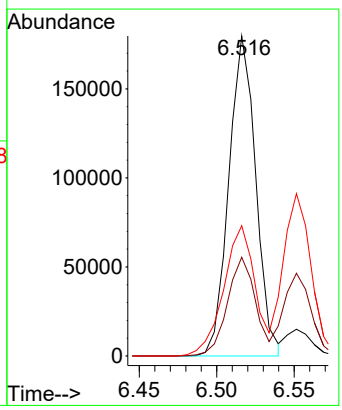
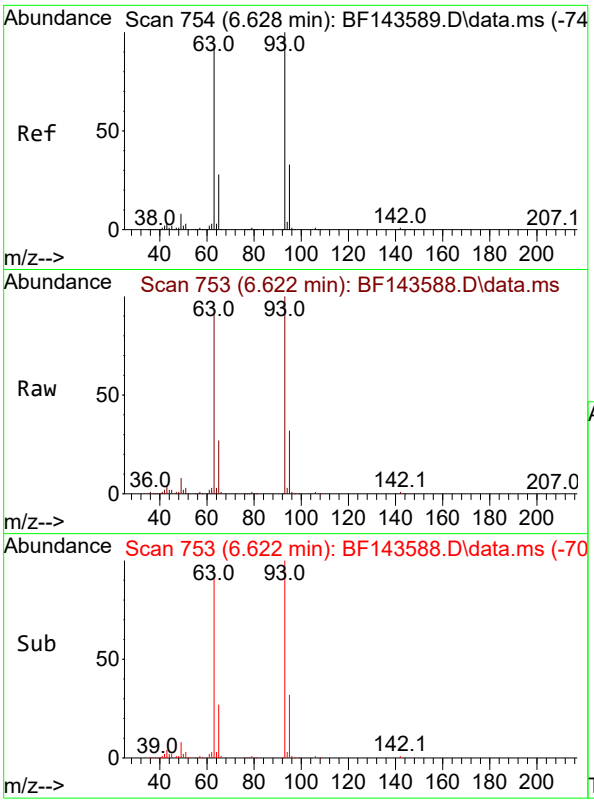


#10
Phenol
Concen: 21.071 ng
RT: 6.516 min Scan# 735
Delta R.T. -0.012 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion: 94 Resp: 217020

Ion	Ratio	Lower	Upper
94	100		
65	30.8	11.0	51.0
66	40.7	22.1	62.1

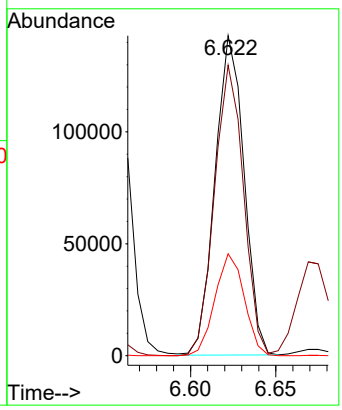




#11
bis(2-Chloroethyl)ether
Concen: 21.447 ng
RT: 6.622 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion: 93 Resp: 16926

Ion	Ratio	Lower	Upper
93	100		
63	90.7	72.1	112.1
95	31.8	12.8	52.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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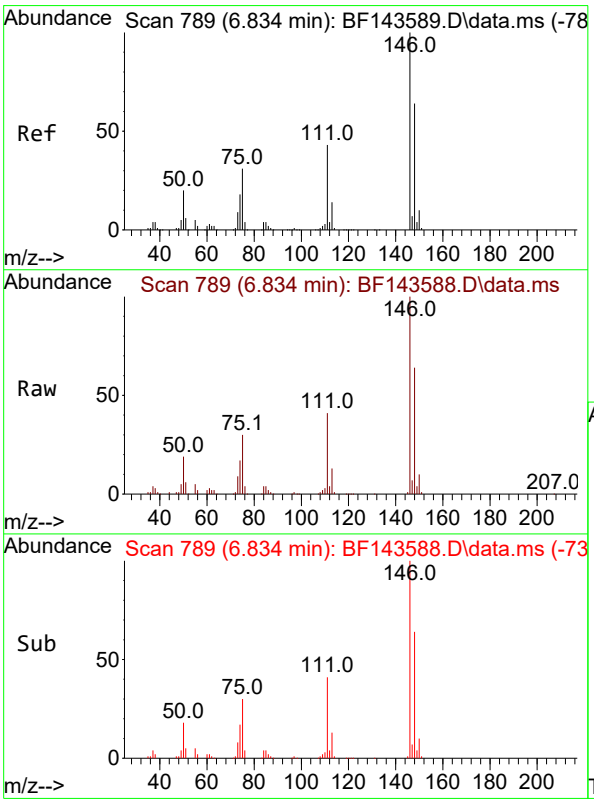
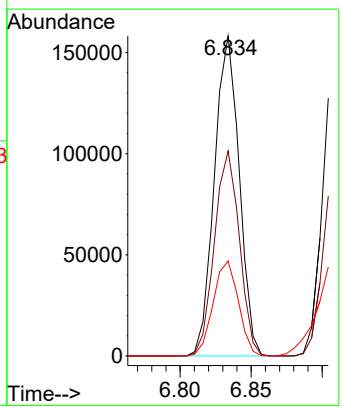
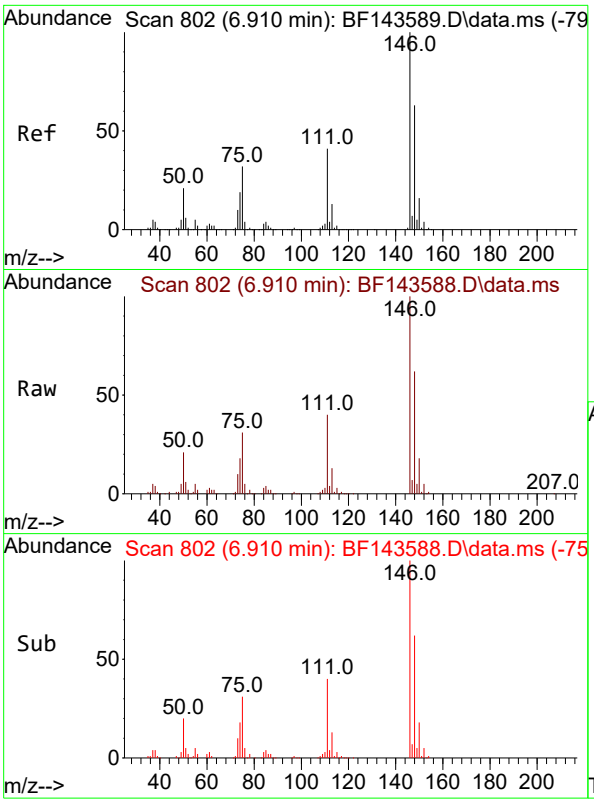


#12
1,3-Dichlorobenzene
Concen: 21.339 ng
RT: 6.834 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:146 Resp: 192269

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.1	76.7
75	29.7	25.2	37.8





#13
1,4-Dichlorobenzene
Concen: 21.327 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:146 Resp: 19376

Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.6	75.8
111	39.9	32.4	48.6

Instrument :
BNA_F
ClientSampleId :
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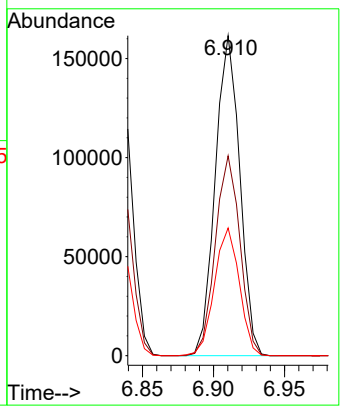
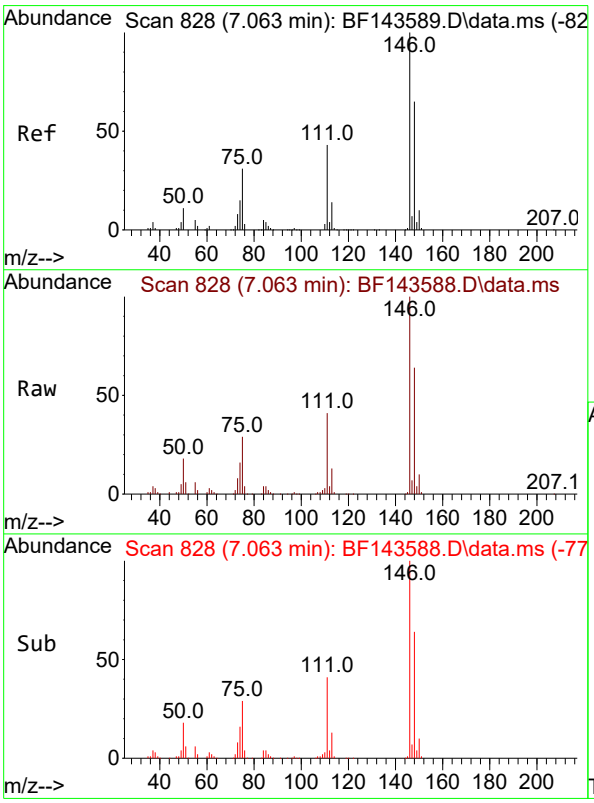
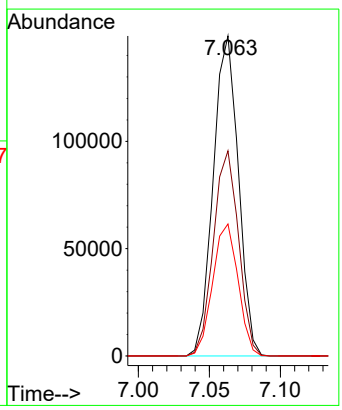


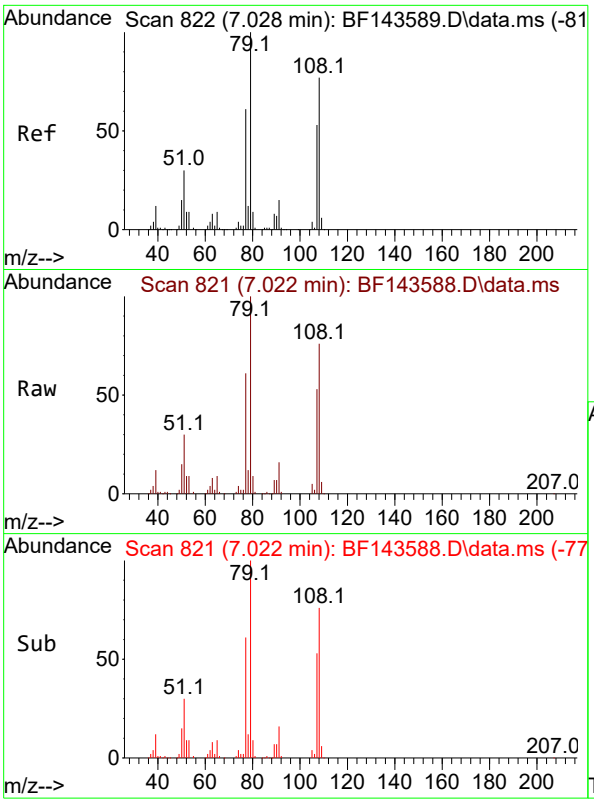


#14
1,2-Dichlorobenzene
Concen: 21.341 ng
RT: 7.063 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:146 Resp: 183912

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.7	77.5
111	41.3	34.7	52.1





#15
Benzyl Alcohol
Concen: 20.814 ng
RT: 7.022 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion: 79 Resp: 14324

Ion	Ratio	Lower	Upper
79	100		
108	76.0	61.3	91.9
77	60.5	48.7	73.1

Instrument :
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ClientSampleId :
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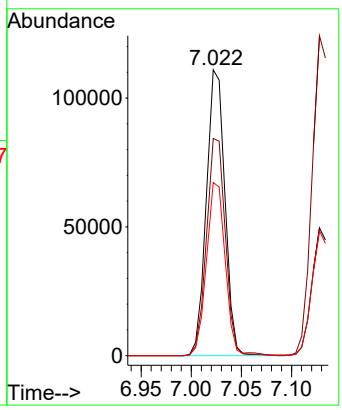
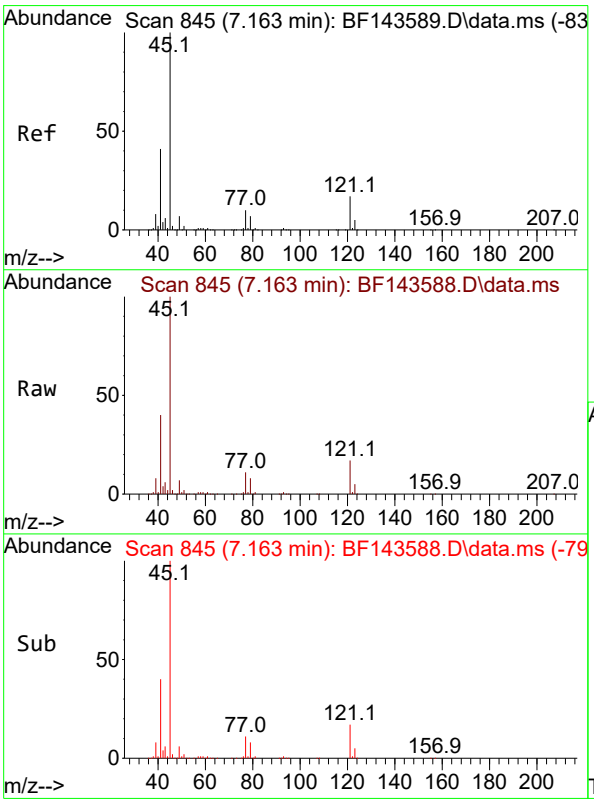
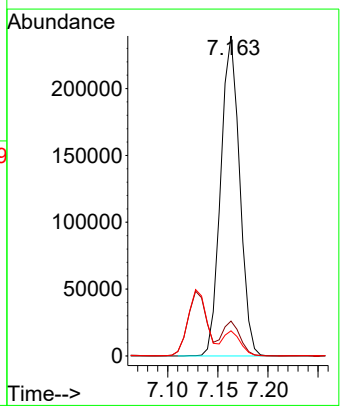


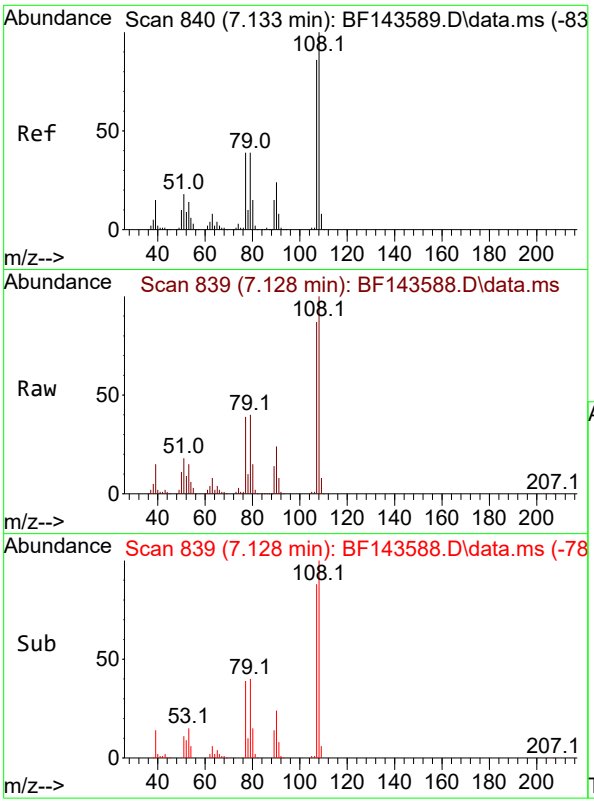


#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.488 ng
RT: 7.163 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion: 45 Resp: 313039

Ion	Ratio	Lower	Upper
45	100		
77	10.9	0.0	31.1
79	7.9	0.0	28.1

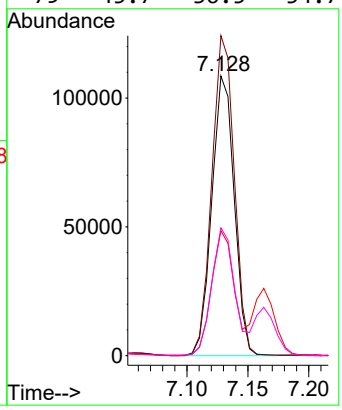




#17
2-Methylphenol
Concen: 20.943 ng
RT: 7.128 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:107 Resp: 13946

Ion	Ratio	Lower	Upper
107	100		
108	114.4	92.6	138.8
77	44.7	36.3	54.5
79	45.7	36.5	54.7



Instrument :
BNA_F
ClientSampleId :
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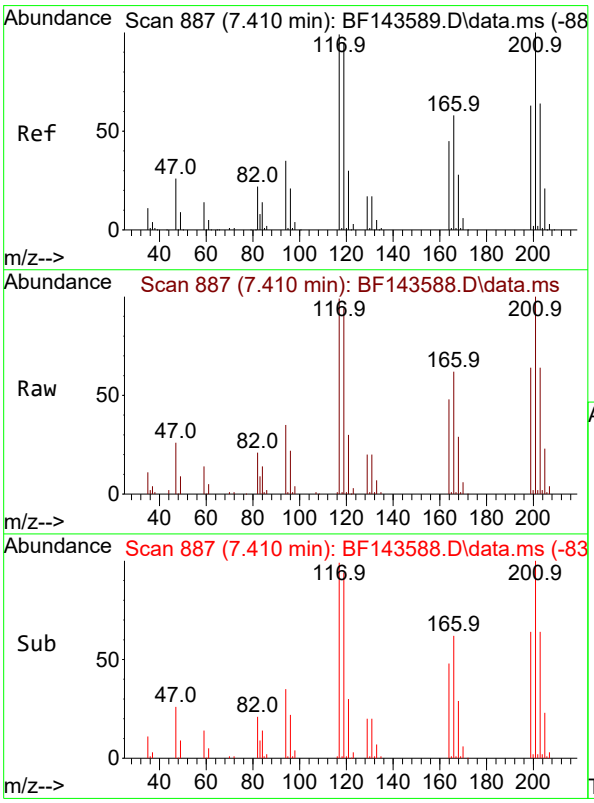
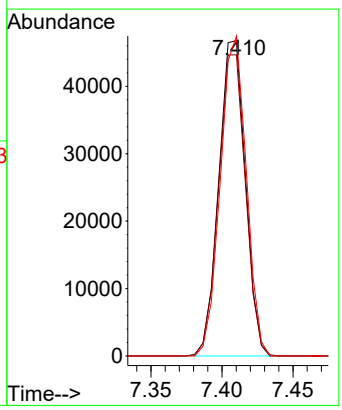
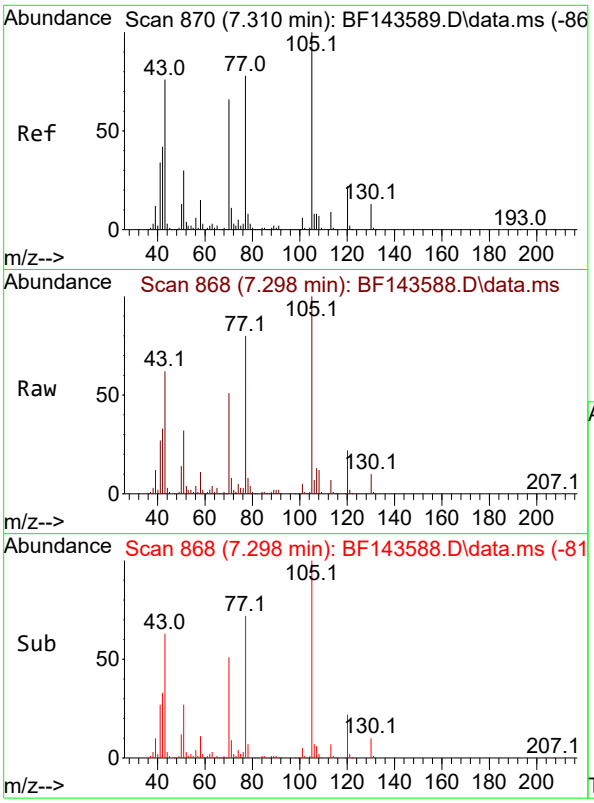


#18
Hexachloroethane
Concen: 21.139 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:117 Resp: 61025

Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.6	115.0
201	101.5	81.0	121.4

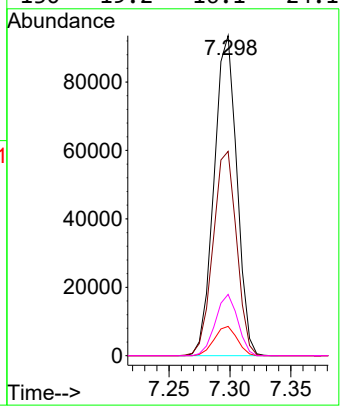




#19
n-Nitroso-di-n-propylamine
Concen: 20.986 ng
RT: 7.298 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion: 70 Resp: 12208

Ion	Ratio	Lower	Upper
70	100		
42	63.8	50.6	75.8
101	9.2	7.5	11.3
130	19.2	16.1	24.1



Instrument :
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ClientSampleId :
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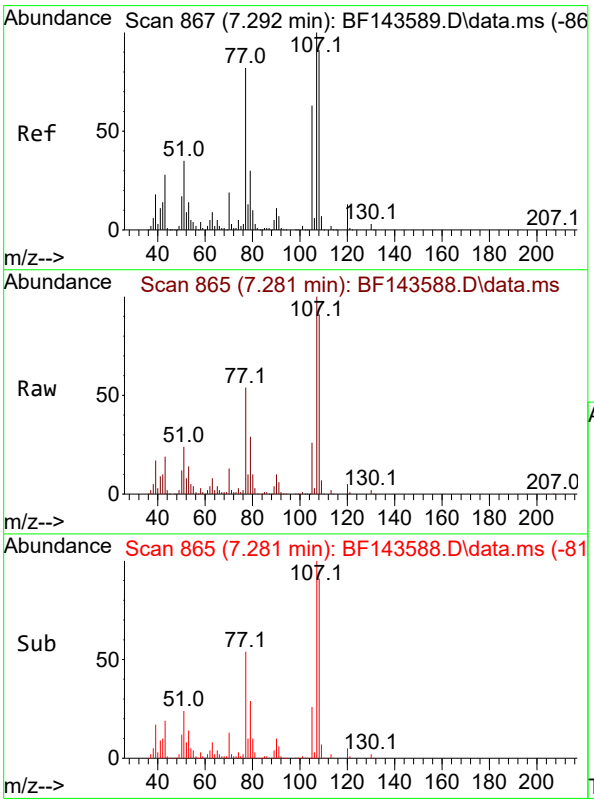
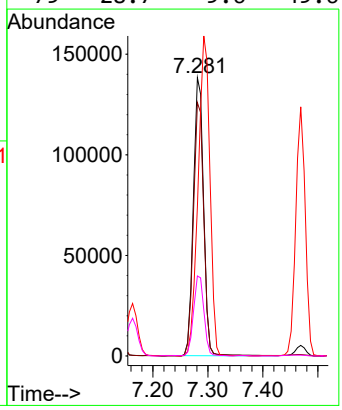
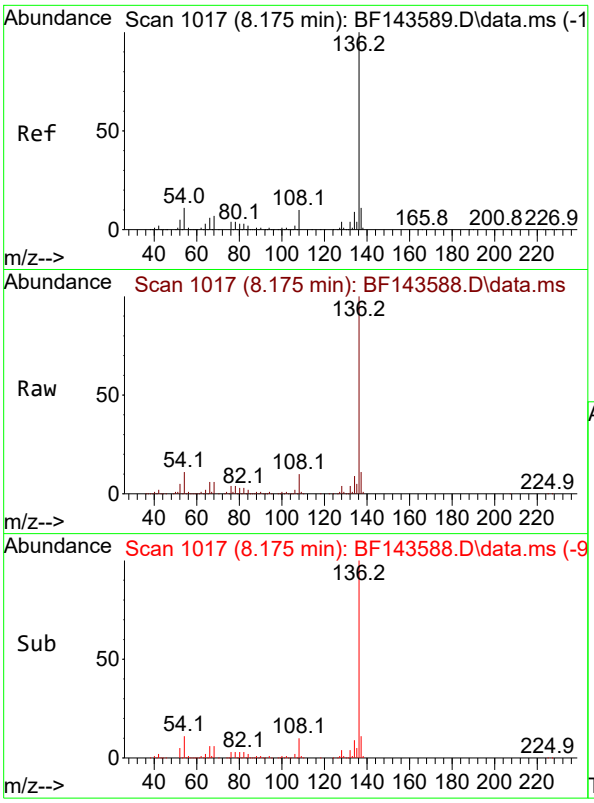


#20
3+4-Methylphenols
Concen: 21.769 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:107 Resp: 178040

Ion	Ratio	Lower	Upper
107	100		
108	91.0	71.1	111.1
77	53.6	62.5	102.5#
79	28.7	9.6	49.6

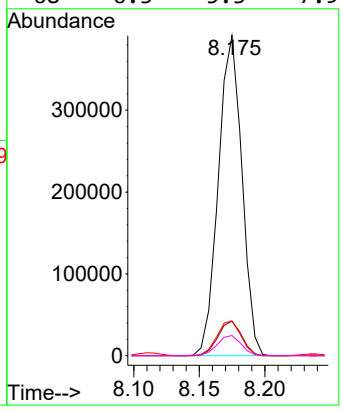




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:136 Resp: 48855

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	10.9	9.0	13.6
68	6.3	5.3	7.9



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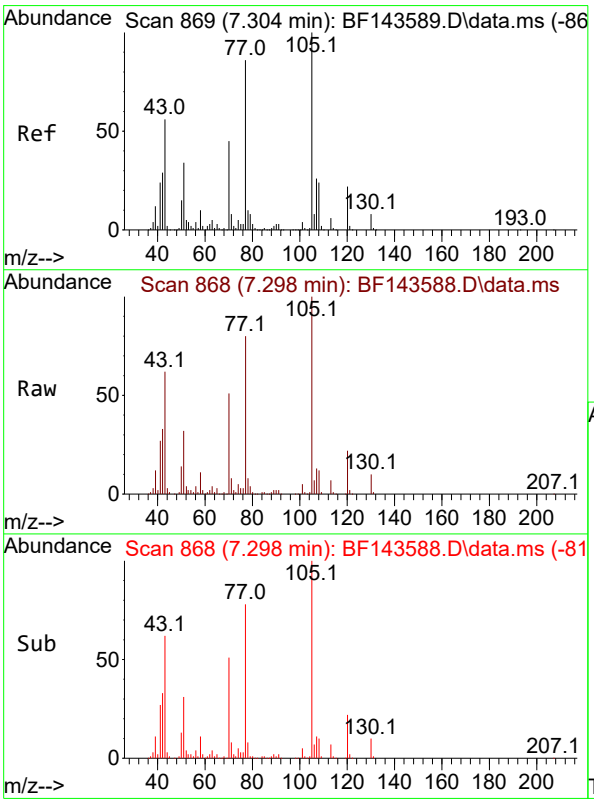
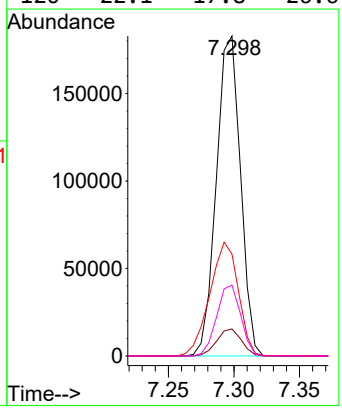
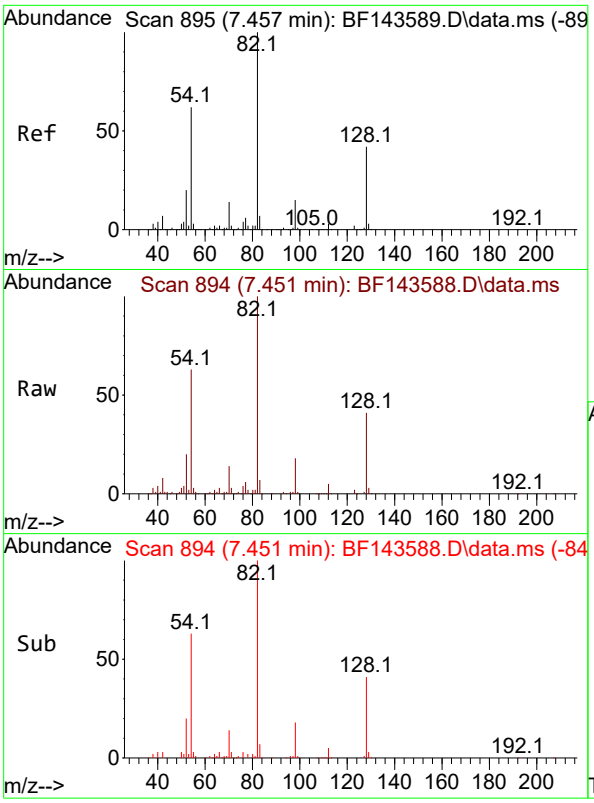


#22
Acetophenone
Concen: 21.258 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:105 Resp: 233899

Ion	Ratio	Lower	Upper
105	100		
71	8.5	6.0	9.0
51	31.8	27.0	40.6
120	22.1	17.8	26.6

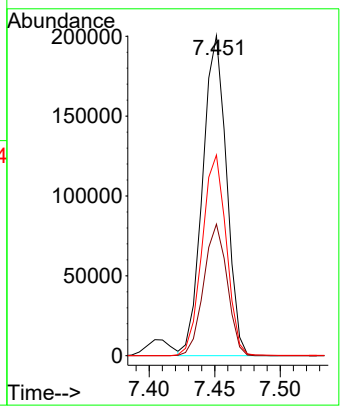




#23
Nitrobenzene-d5
Concen: 37.066 ng
RT: 7.451 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion: 82 Resp: 25362

Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.4	50.2
54	62.7	49.3	73.9



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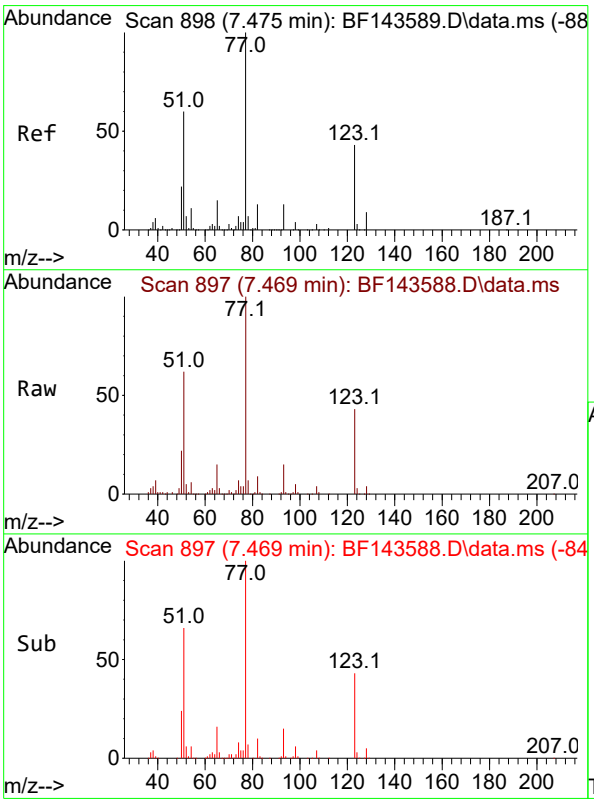
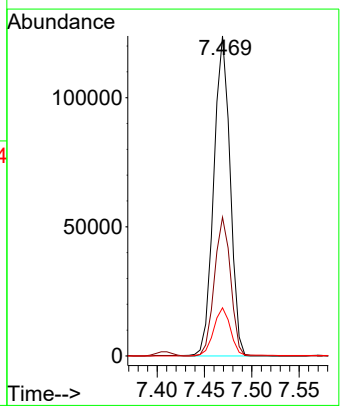
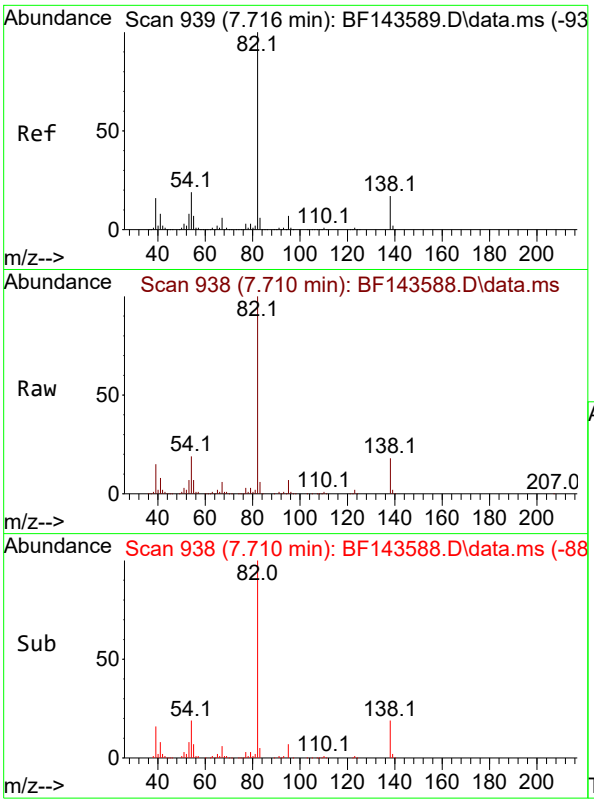


#24
Nitrobenzene
Concen: 20.312 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion: 77 Resp: 149004

Ion	Ratio	Lower	Upper
77	100		
123	43.3	34.9	52.3
65	15.1	12.0	18.0





#25
Isophorone
Concen: 20.828 ng
RT: 7.710 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion: 82 Resp: 33351

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.5	8.3
138	18.2	13.8	20.8

Instrument :
BNA_F
ClientSampleId :
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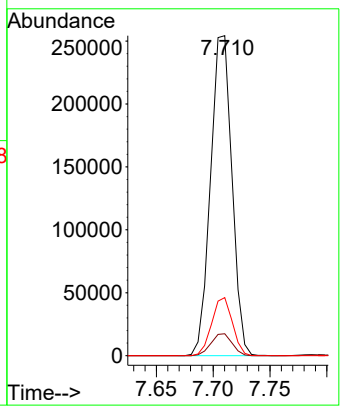
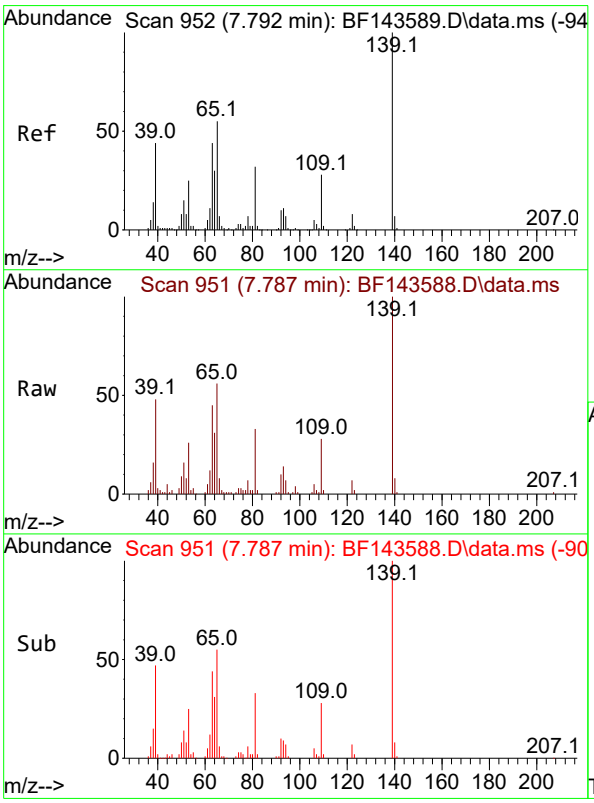
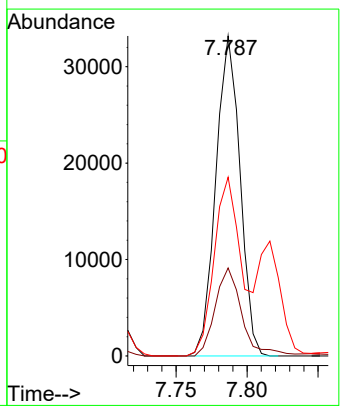


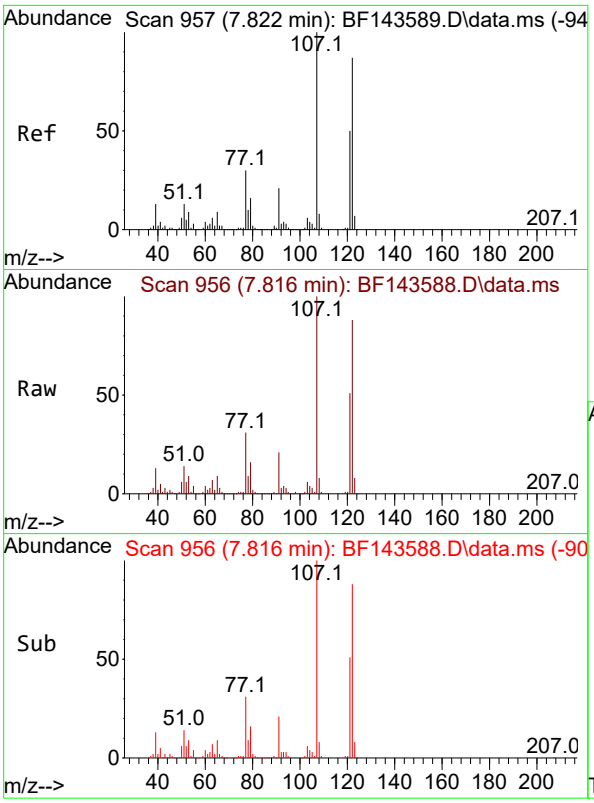


#26
2-Nitrophenol
Concen: 18.004 ng
RT: 7.787 min Scan# 951
Delta R.T. -0.005 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:139 Resp: 39289

Ion	Ratio	Lower	Upper
139	100		
109	27.5	22.3	33.5
65	55.8	44.0	66.0

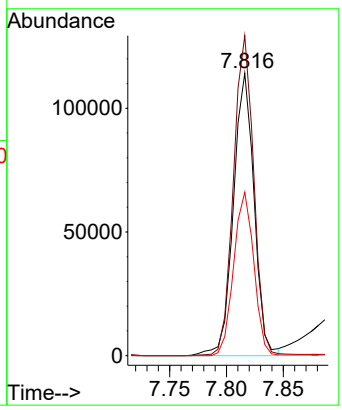




#27
2,4-Dimethylphenol
Concen: 20.796 ng
RT: 7.816 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:122 Resp: 14488

Ion	Ratio	Lower	Upper
122	100		
107	113.3	92.1	138.1
121	57.9	46.2	69.4



Instrument :
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ClientSampleId :
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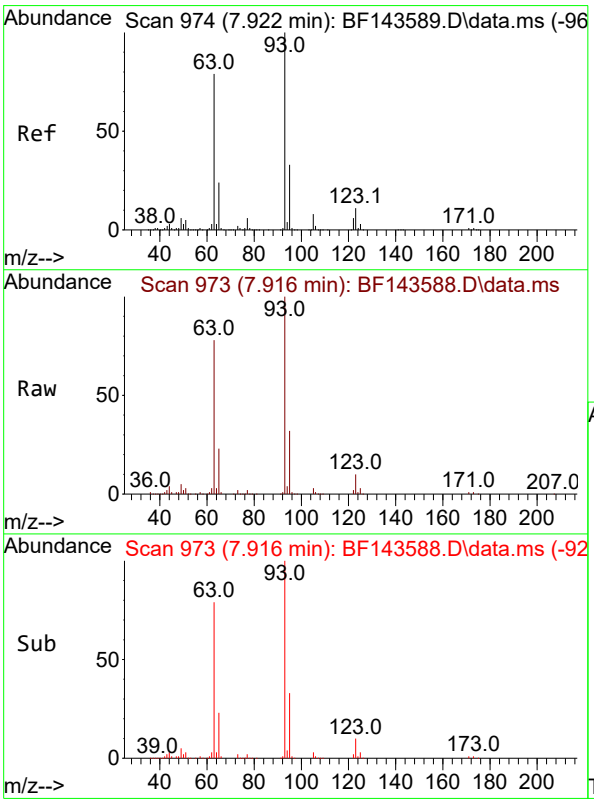
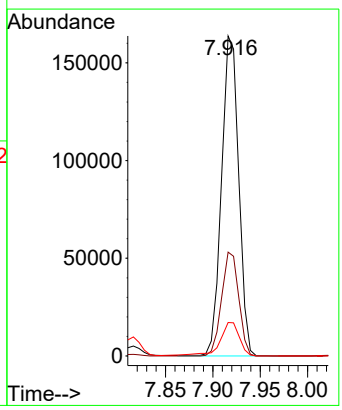
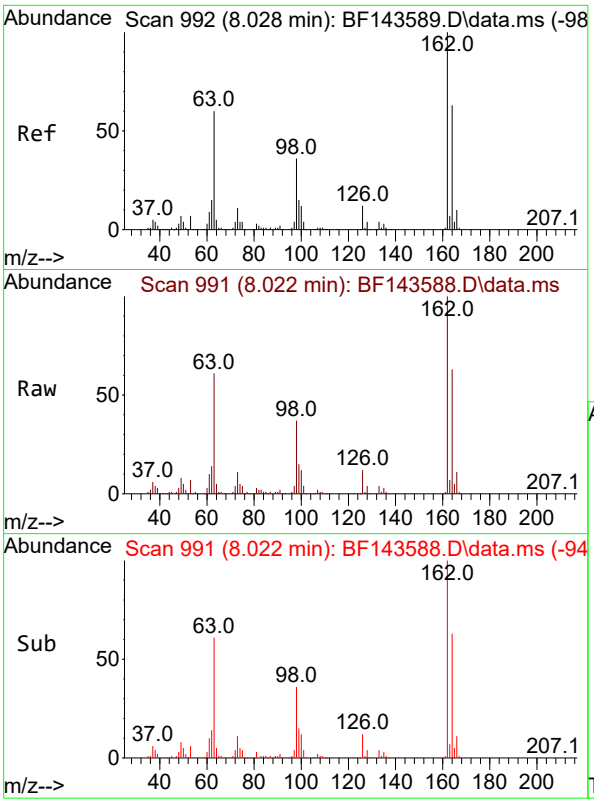


#28
bis(2-Chloroethoxy)methane
Concen: 21.360 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion: 93 Resp: 206931

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.2
123	10.4	9.3	13.9

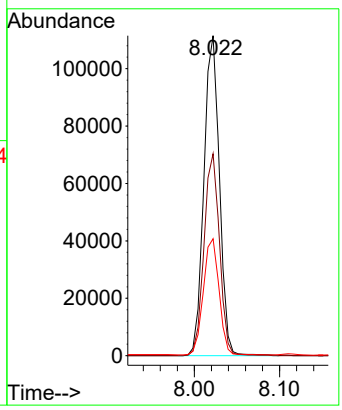




#29
2,4-Dichlorophenol
Concen: 21.055 ng
RT: 8.022 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:162 Resp: 14133

Ion	Ratio	Lower	Upper
162	100		
164	63.1	43.3	83.3
98	36.5	16.1	56.1



Instrument :
BNA_F
ClientSampleId :
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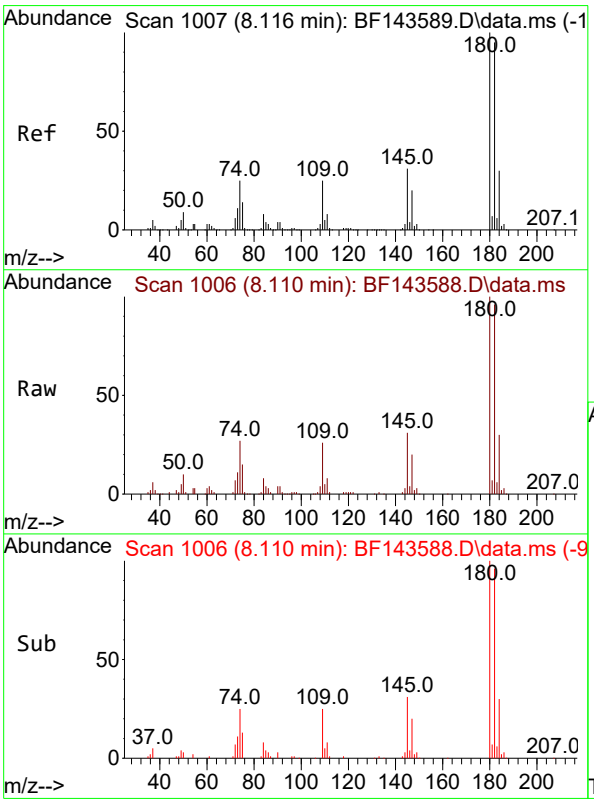
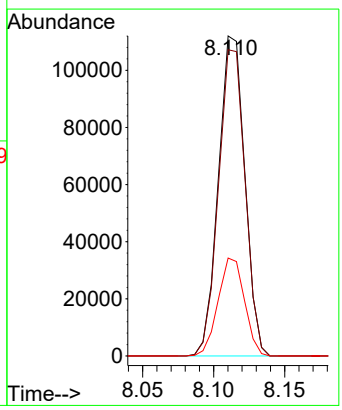
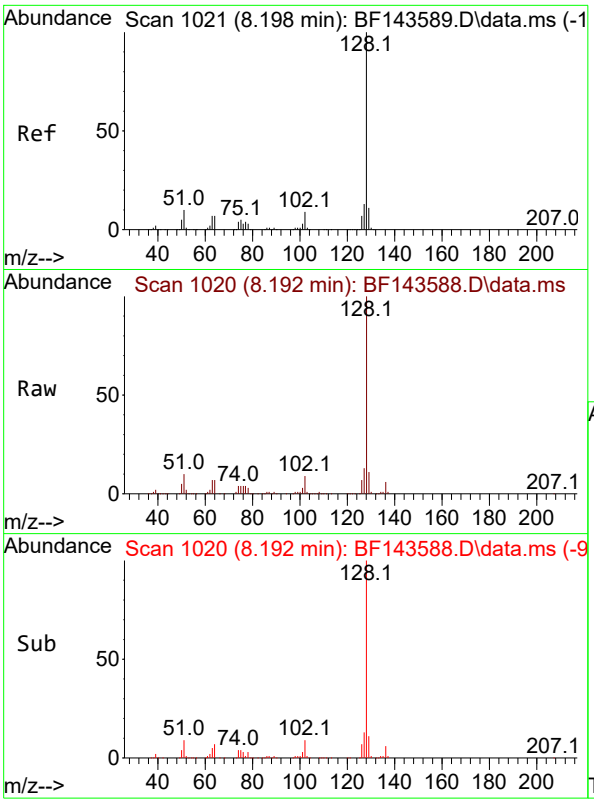


#30
1,2,4-Trichlorobenzene
Concen: 20.652 ng
RT: 8.110 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:180 Resp: 144742

Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.8	113.6
145	30.6	24.5	36.7

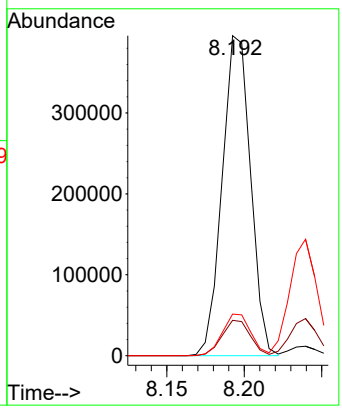




#31
Naphthalene
Concen: 21.340 ng
RT: 8.192 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:128 Resp: 50372

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.0	10.6	15.8



Instrument :
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ClientSampleId :
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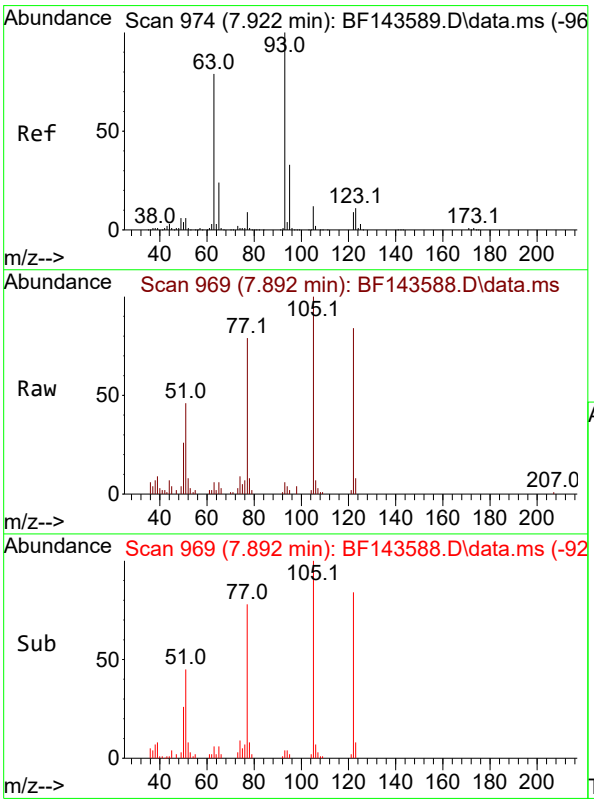
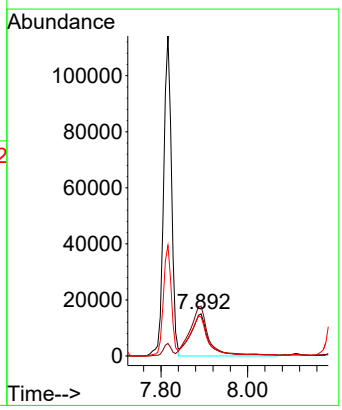
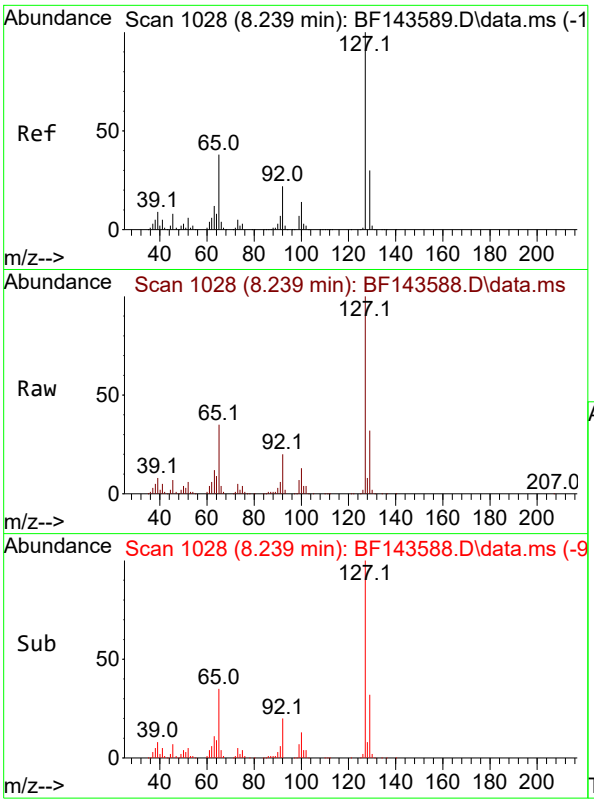


#32
Benzoic acid
Concen: 19.212 ng m
RT: 7.892 min Scan# 969
Delta R.T. -0.030 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:122 Resp: 44690

Ion	Ratio	Lower	Upper
122	100		
105	118.4	106.4	146.4
77	93.4	79.3	119.3

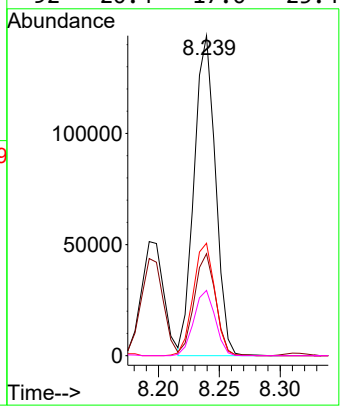




#33
4-Chloroaniline
Concen: 21.095 ng
RT: 8.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:127 Resp: 17591

Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.6
65	35.1	29.7	44.5
92	20.4	17.0	25.4



Instrument :
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ClientSampleId :
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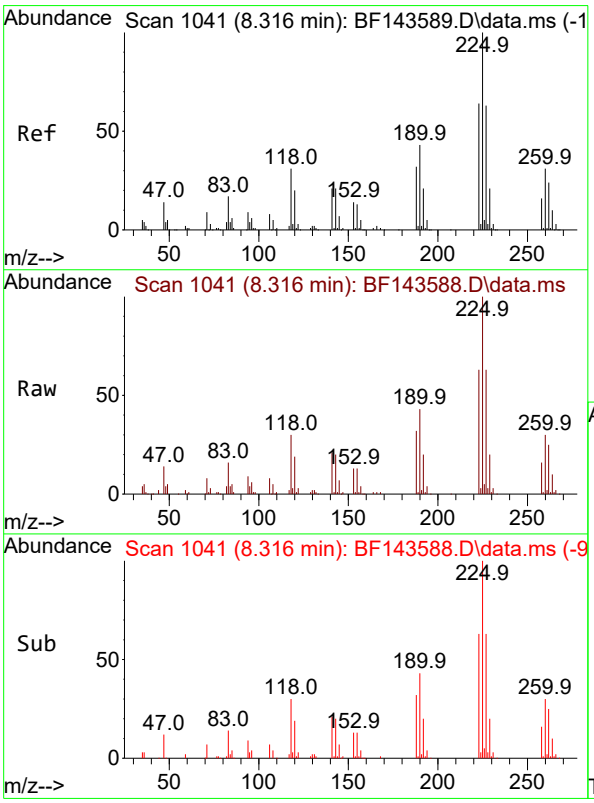
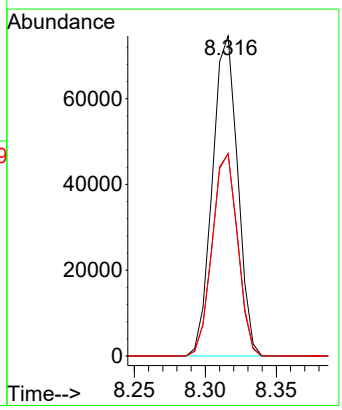
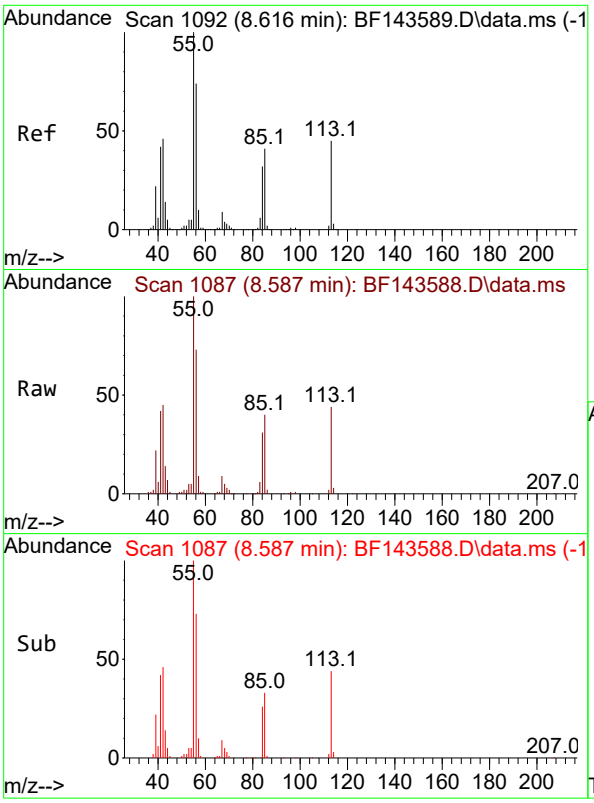


#34
Hexachlorobutadiene
Concen: 20.901 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:225 Resp: 92307

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.8	76.2
227	63.3	50.6	76.0

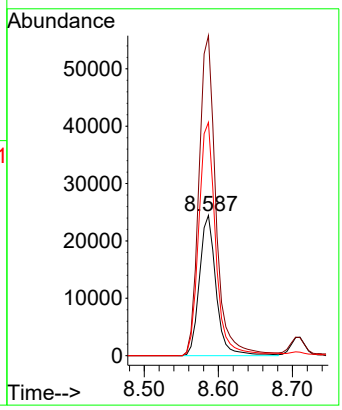




#35
Caprolactam
Concen: 20.044 ng
RT: 8.587 min Scan# 1
Delta R.T. -0.029 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:113 Resp: 3822

Ion	Ratio	Lower	Upper
113	100		
55	228.1	202.1	242.1
56	166.2	145.4	185.4



Instrument :
BNA_F
ClientSampleId :
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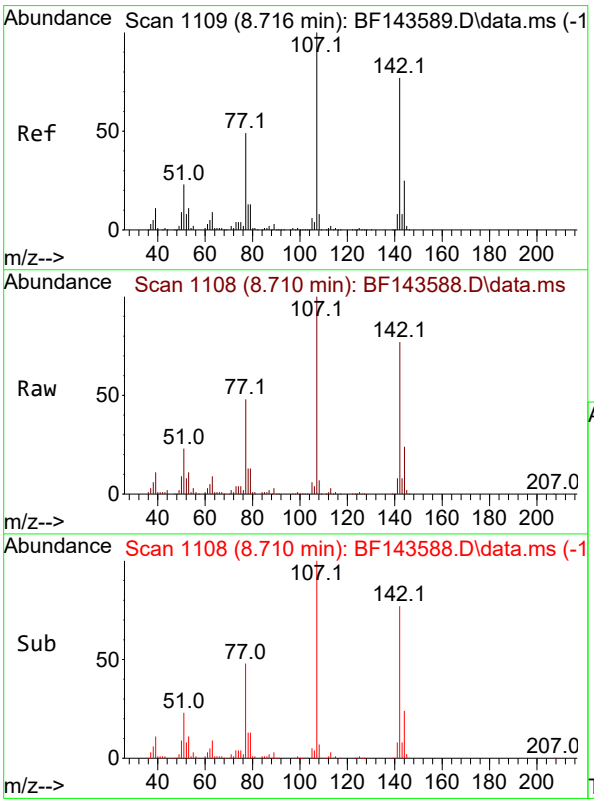
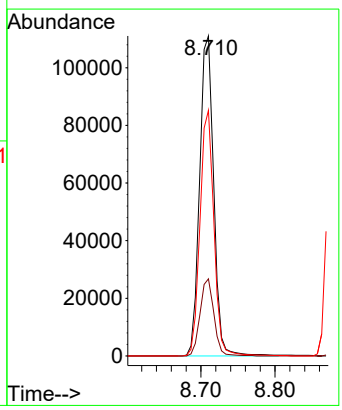
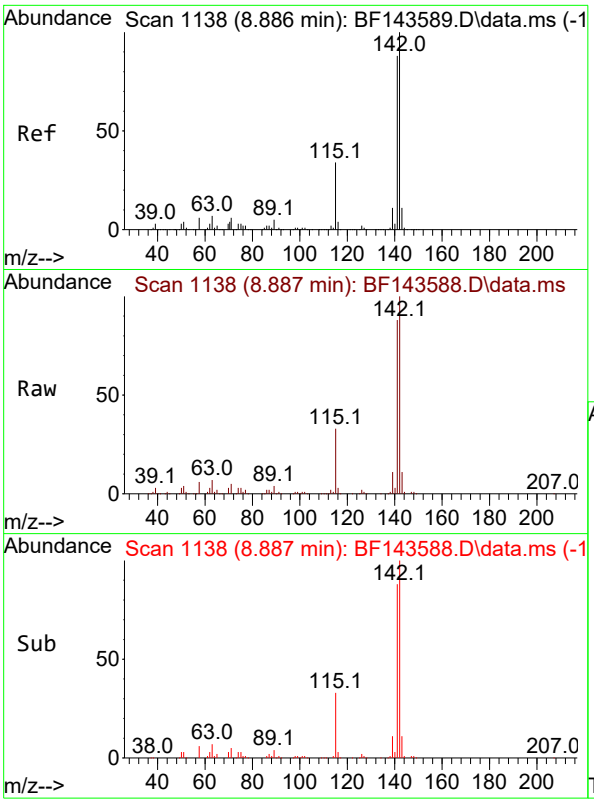


#36
4-Chloro-3-methylphenol
Concen: 20.885 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:107 Resp: 146566

Ion	Ratio	Lower	Upper
107	100		
144	24.1	19.8	29.6
142	76.8	61.7	92.5

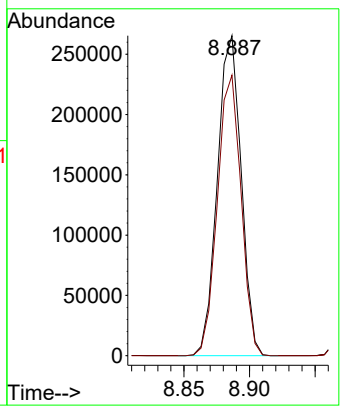




#37
2-Methylnaphthalene
Concen: 21.440 ng
RT: 8.887 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:142 Resp: 33421

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.2	105.4



Instrument :
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ClientSampleId :
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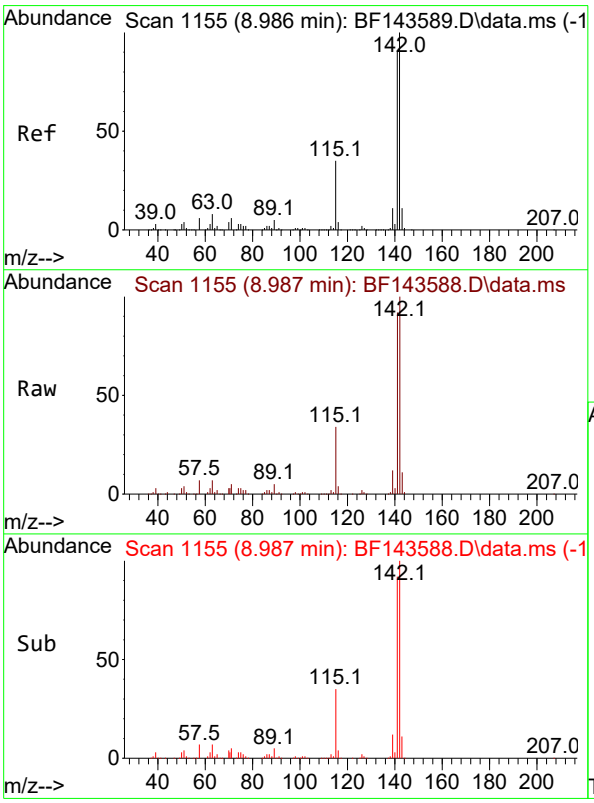
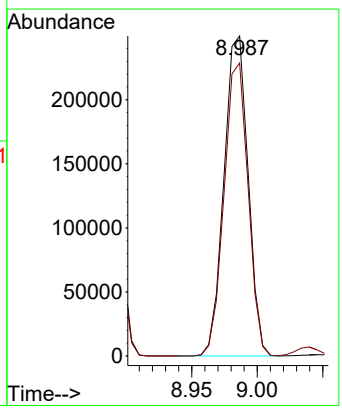
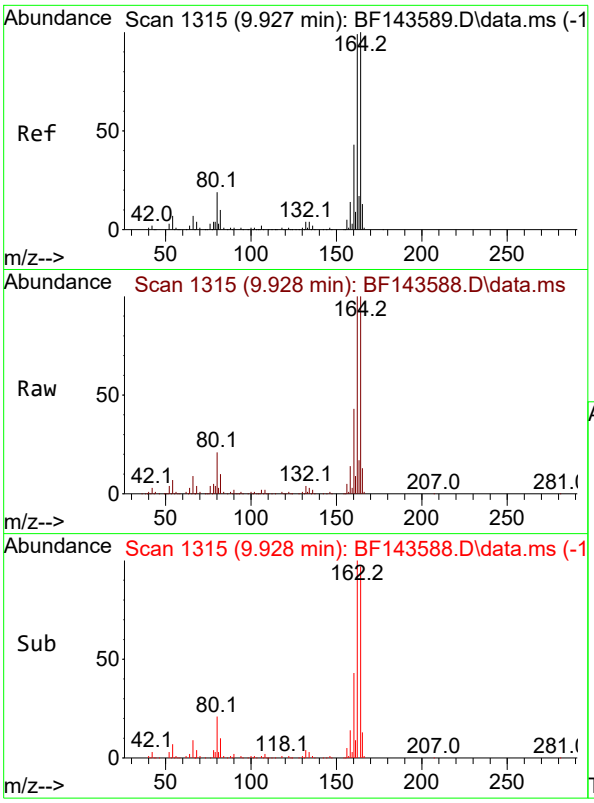


#38
1-Methylnaphthalene
Concen: 21.276 ng
RT: 8.987 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:142 Resp: 320083

Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.6	109.0

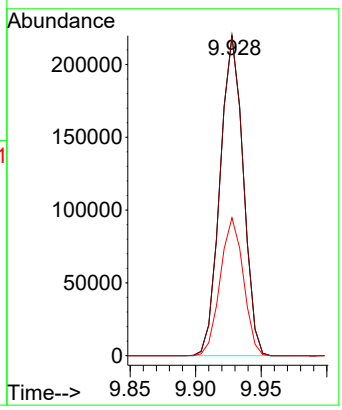




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1
Delta R.T. 0.001 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:164 Resp: 26966

Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.5	119.3
160	43.1	34.2	51.4



Instrument :
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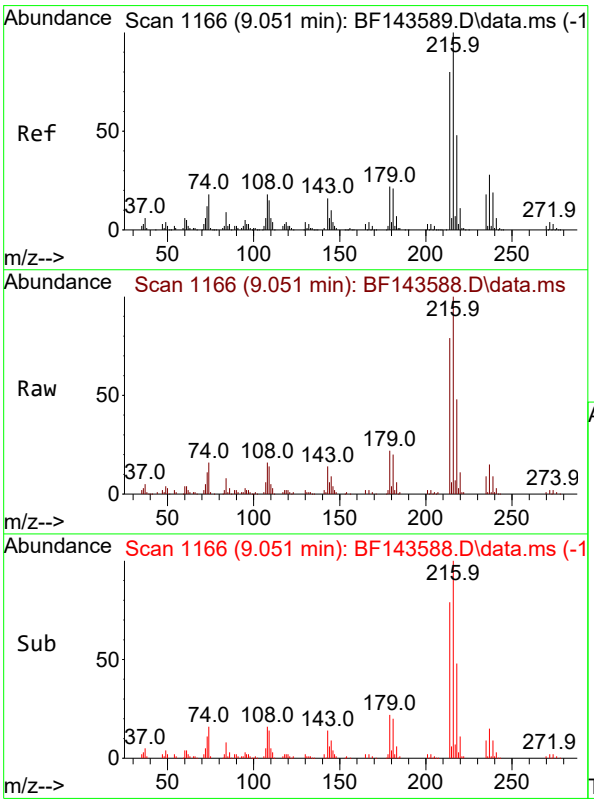
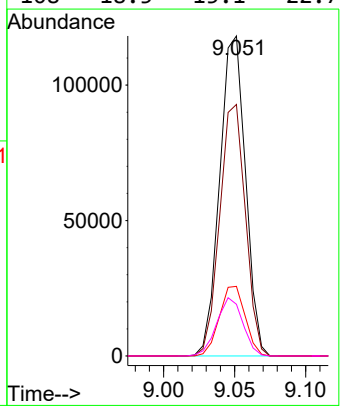
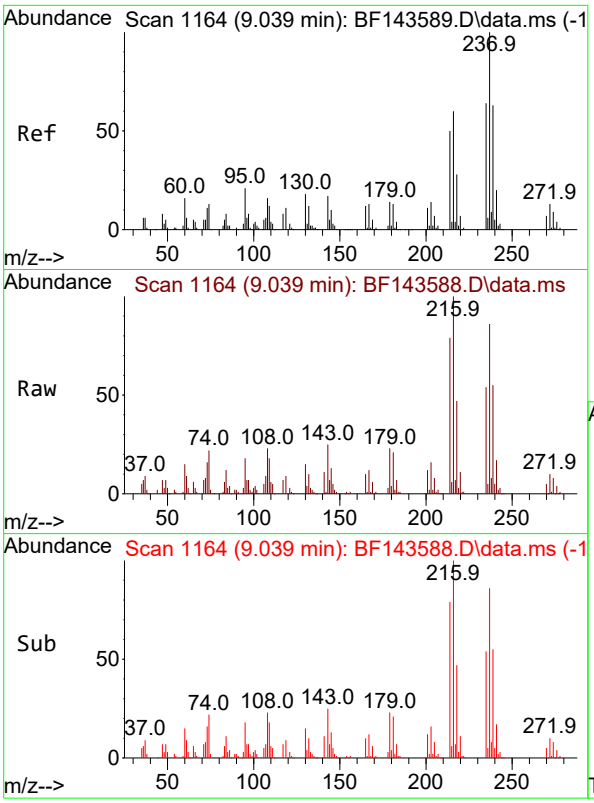


#40
1,2,4,5-Tetrachlorobenzene
Concen: 21.287 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:216 Resp: 149310

Ion	Ratio	Lower	Upper
216	100		
214	78.2	64.1	96.1
179	21.8	17.4	26.0
108	18.5	15.1	22.7

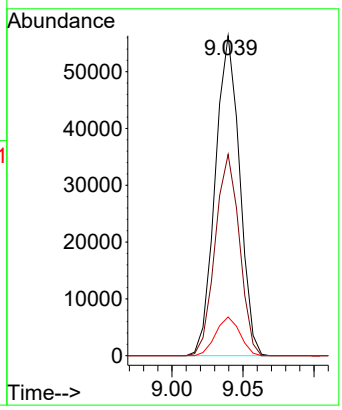




#41
Hexachlorocyclopentadiene
Concen: 19.450 ng
RT: 9.039 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:237 Resp: 6711

Ion	Ratio	Lower	Upper
237	100		
235	62.9	43.8	83.8
272	12.1	0.0	32.8



Instrument :
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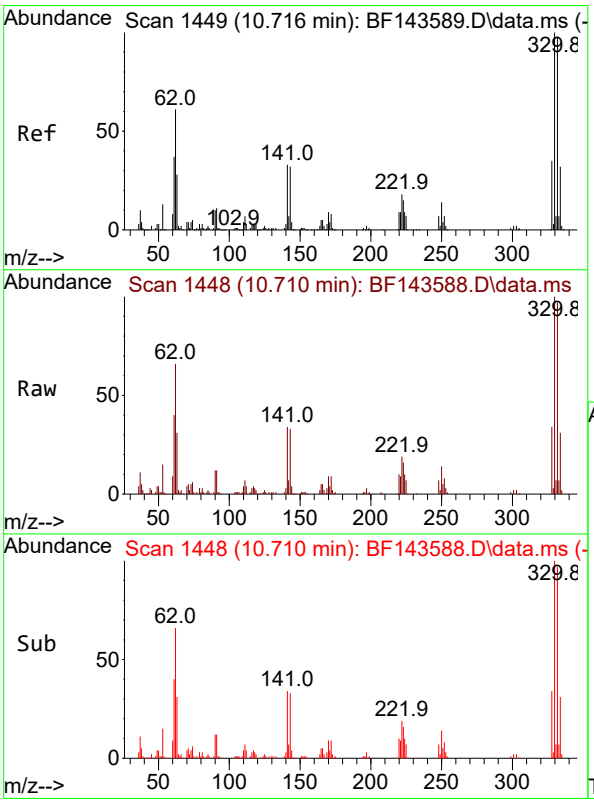
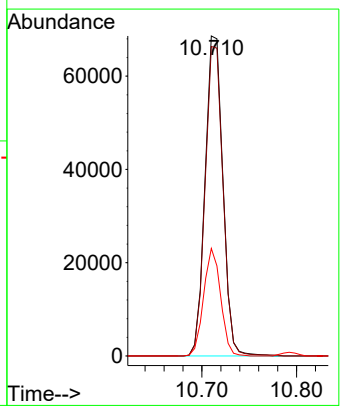
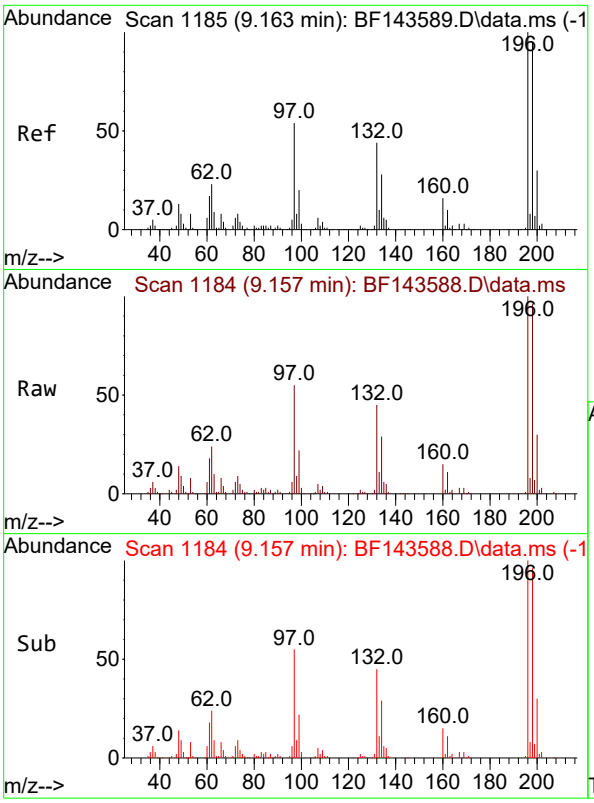


#42
2,4,6-Tribromophenol
Concen: 42.477 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:330 Resp: 89576

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.2	117.4
141	32.0	25.4	38.0

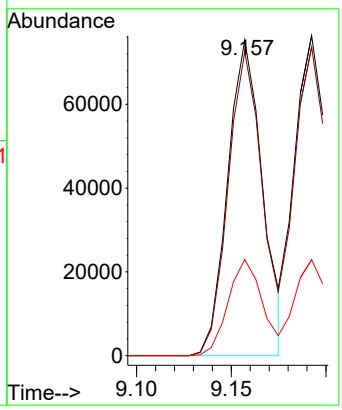




#43
2,4,6-Trichlorophenol
Concen: 20.748 ng
RT: 9.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:196 Resp: 9616

Ion	Ratio	Lower	Upper
196	100		
198	96.2	75.8	113.6
200	30.5	24.2	36.4



Instrument :
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ClientSampleId :
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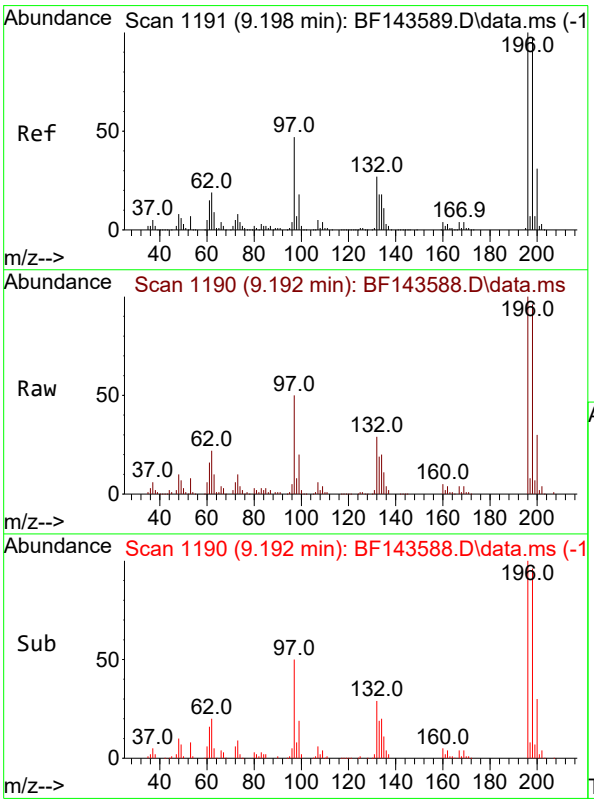
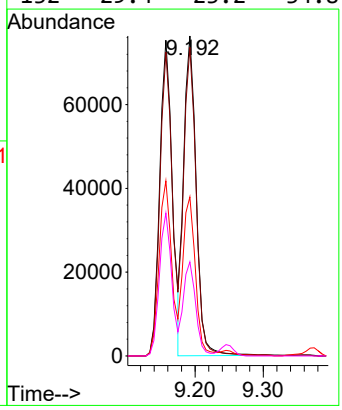
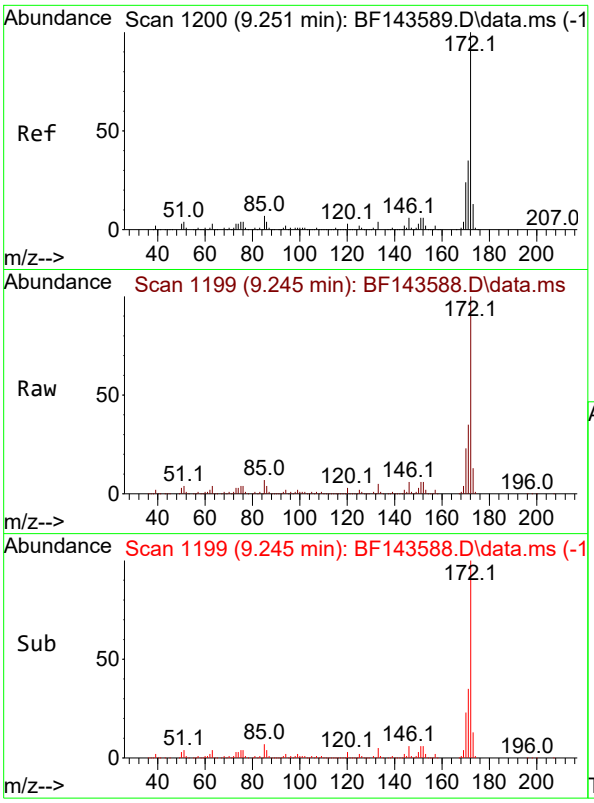


#44
2,4,5-Trichlorophenol
Concen: 20.719 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:196 Resp: 97036

Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.0	115.6
97	49.7	39.3	58.9
132	29.4	23.2	34.8

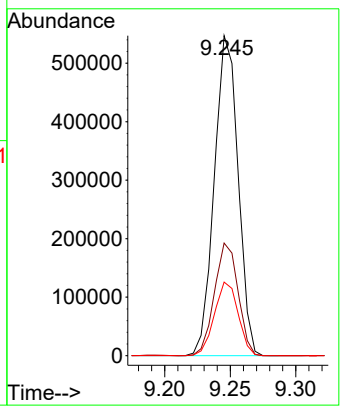




#45
2-Fluorobiphenyl
Concen: 43.618 ng
RT: 9.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:172 Resp: 68794

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	23.0	19.0	28.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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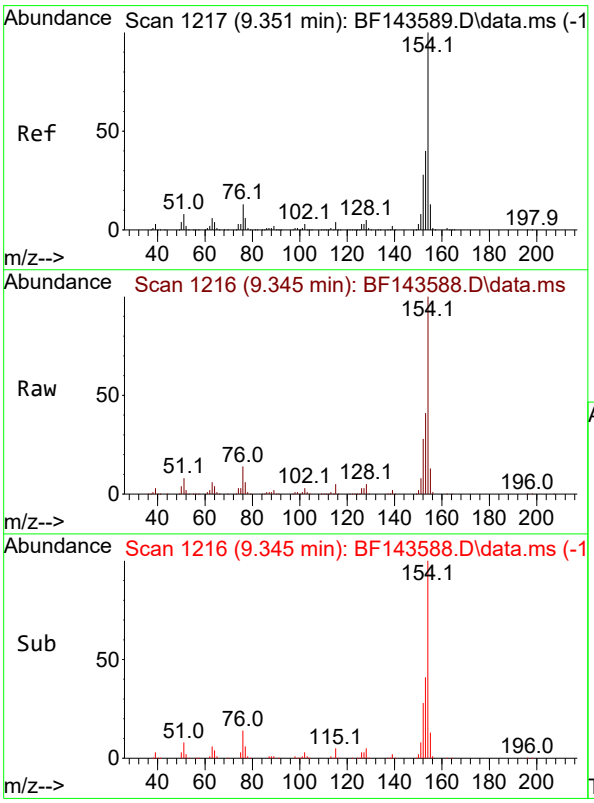
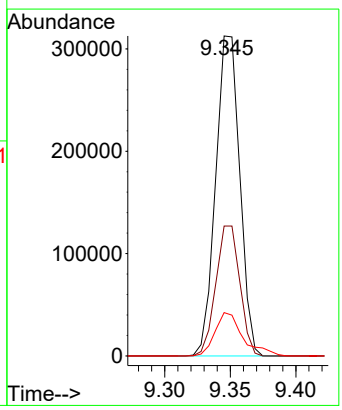
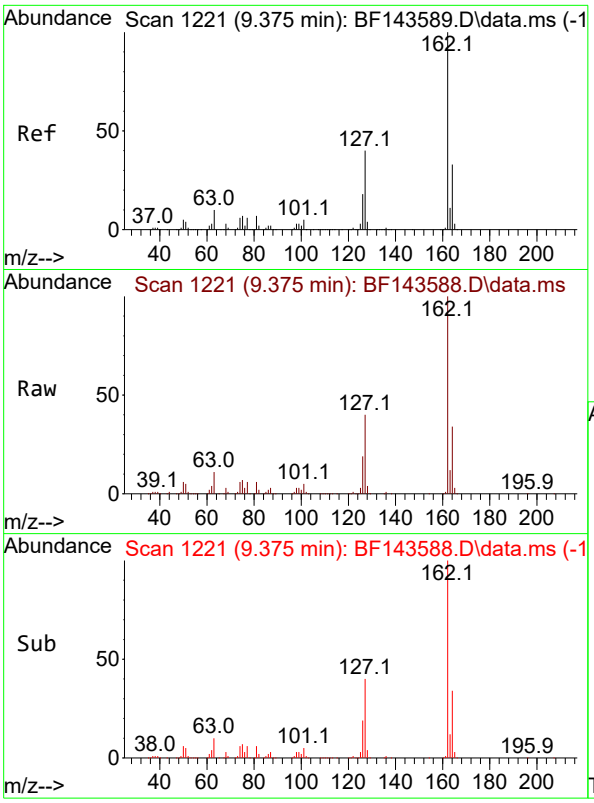


#46
1,1'-Biphenyl
Concen: 21.326 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:154 Resp: 399040

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.1	60.1
76	13.5	0.0	33.0





#47
2-Chloronaphthalene
Concen: 20.847 ng
RT: 9.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:162 Resp: 30814

Ion	Ratio	Lower	Upper
162	100		
127	39.9	32.6	48.8
164	33.8	26.1	39.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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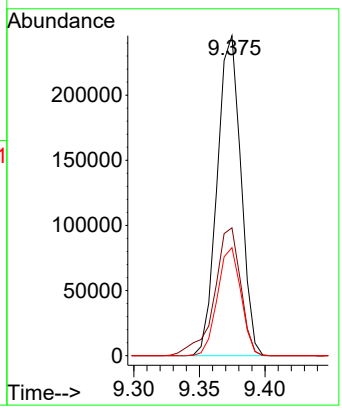
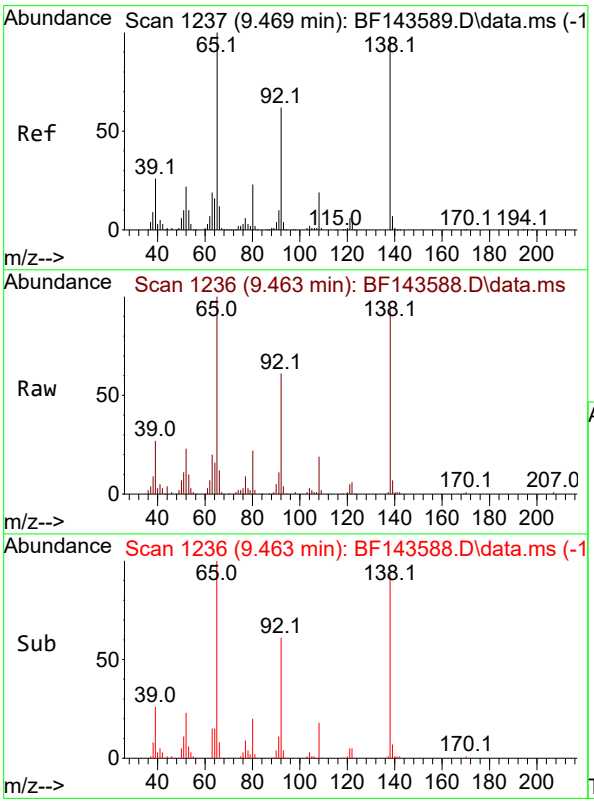
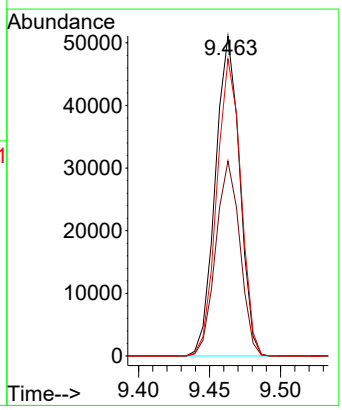


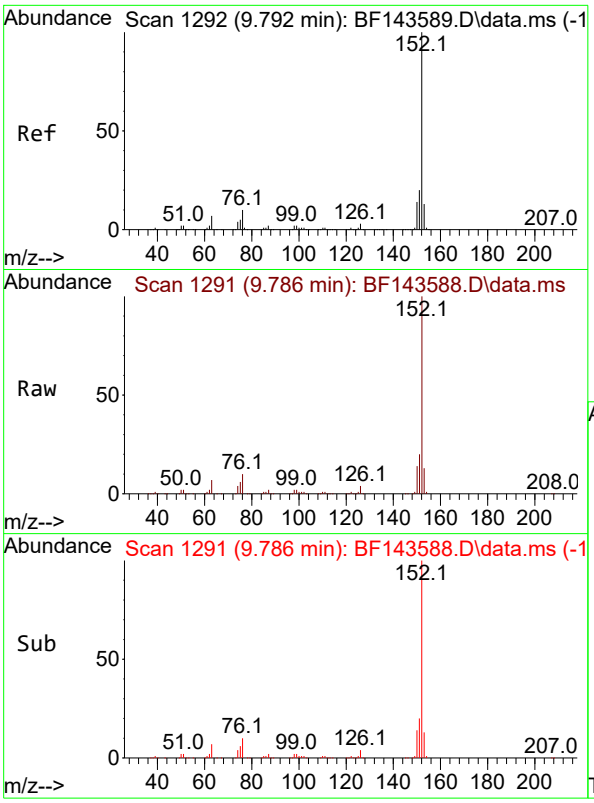


#48
2-Nitroaniline
Concen: 17.775 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion: 65 Resp: 60748

Ion	Ratio	Lower	Upper
65	100		
92	60.9	49.6	74.4
138	92.8	78.6	118.0

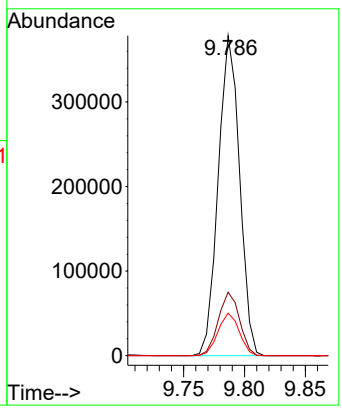




#49
Acenaphthylene
Concen: 21.459 ng
RT: 9.786 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:152 Resp: 46149

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.2
153	13.3	10.6	15.8



Instrument :
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ClientSampleId :
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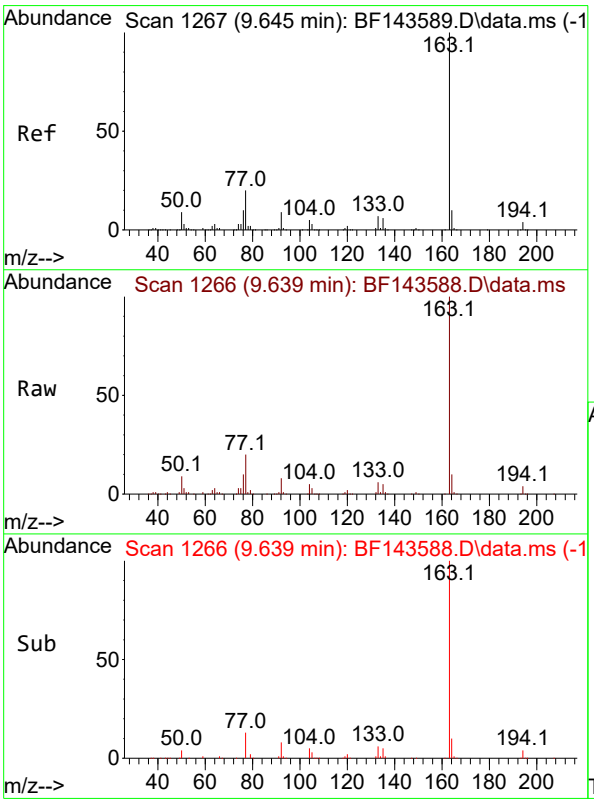
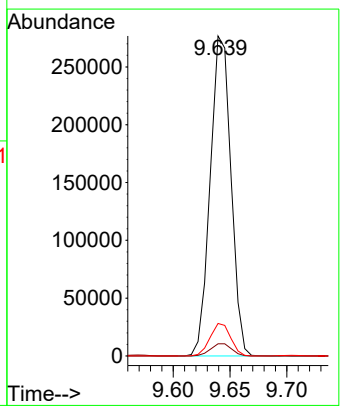
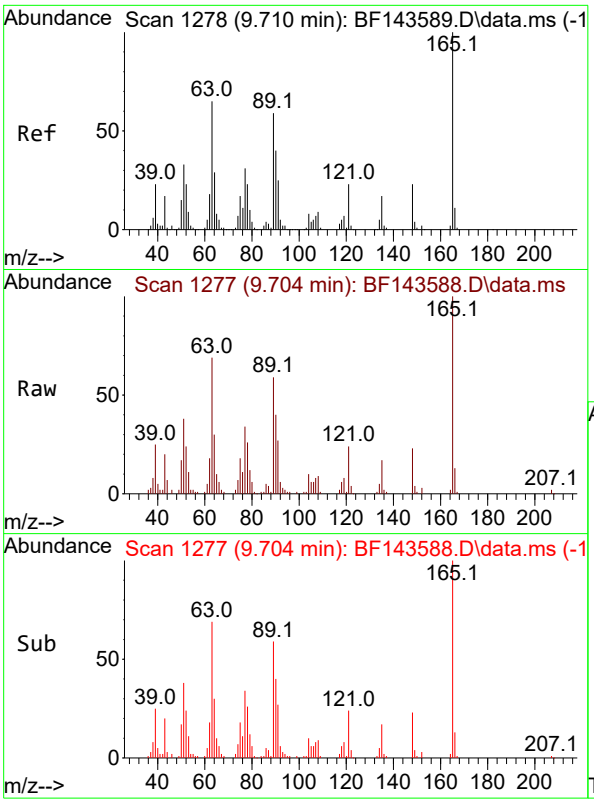


#50
Dimethylphthalate
Concen: 21.235 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:163 Resp: 352224

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	10.2	8.4	12.6





#51
2,6-Dinitrotoluene
Concen: 17.446 ng
RT: 9.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:165 Resp: 3918

Ion	Ratio	Lower	Upper
165	100		
63	68.6	51.8	77.6
89	59.1	47.4	71.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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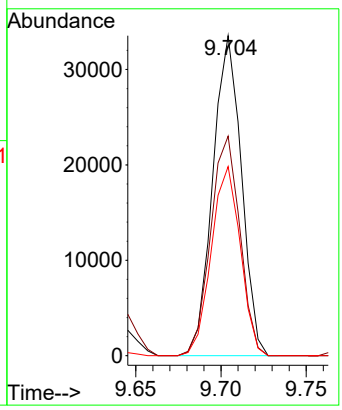
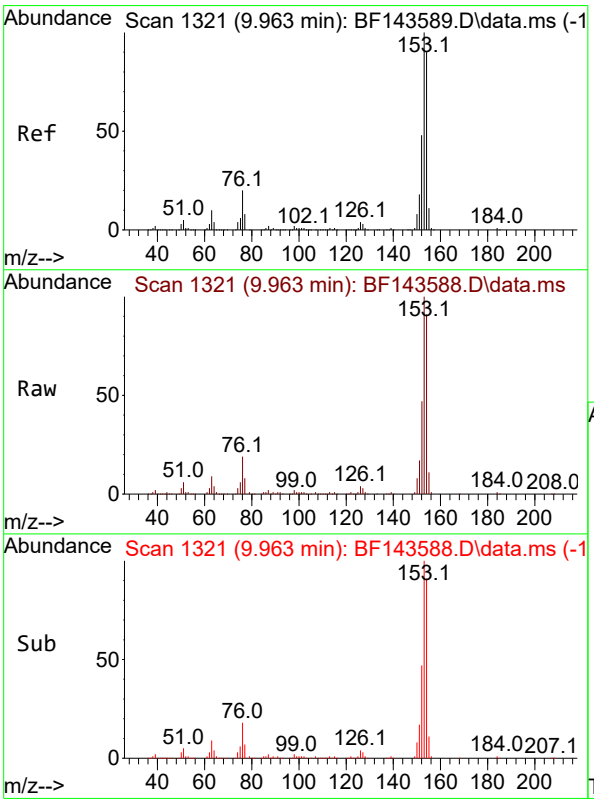
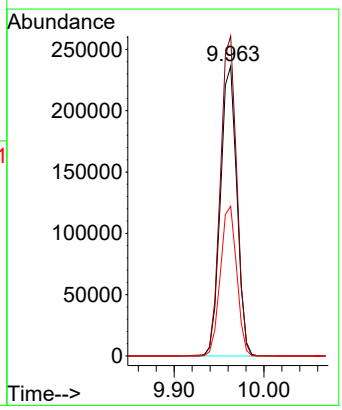


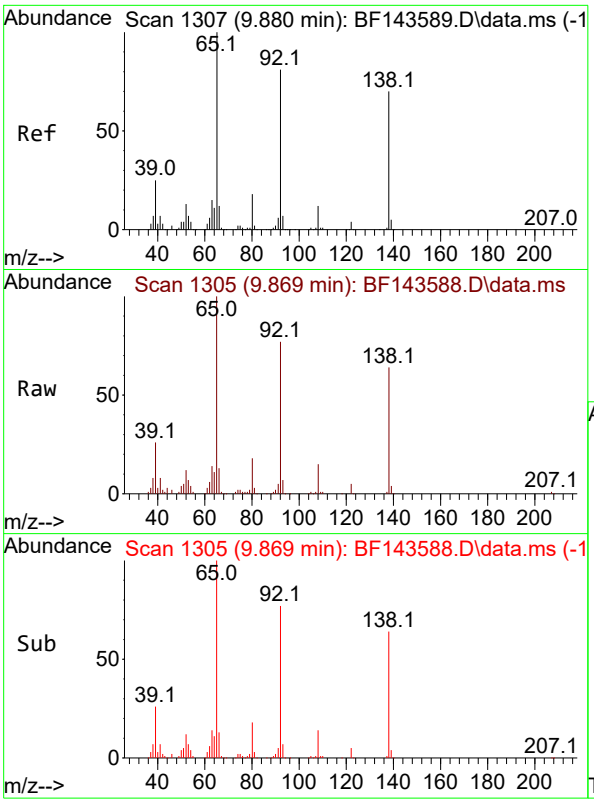


#52
Acenaphthene
Concen: 21.341 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:154 Resp: 300626

Ion	Ratio	Lower	Upper
154	100		
153	110.4	89.0	133.4
152	51.7	42.9	64.3





#53
3-Nitroaniline
Concen: 18.640 ng
RT: 9.869 min Scan# 1
Delta R.T. -0.011 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:138 Resp: 5234

Ion	Ratio	Lower	Upper
138	100		
108	23.0	13.8	20.8#
92	121.2	92.6	139.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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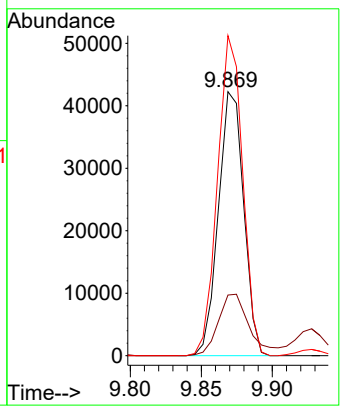
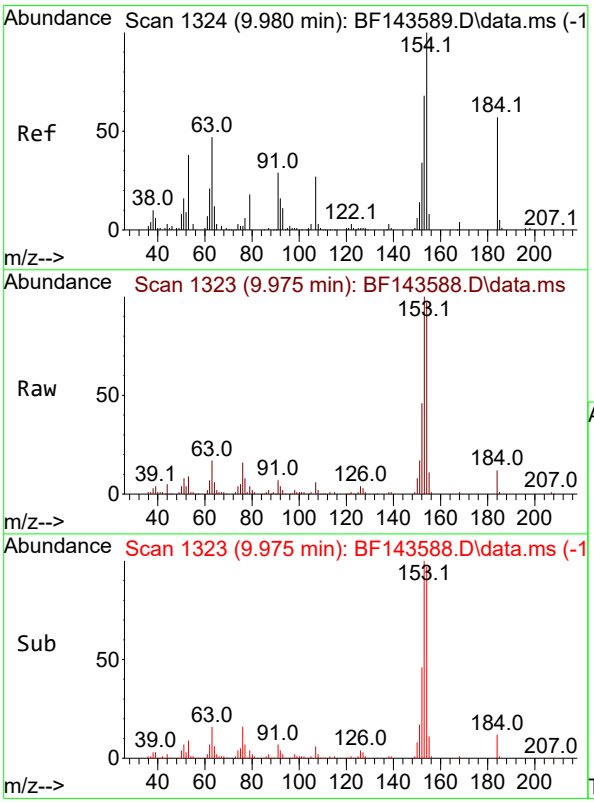
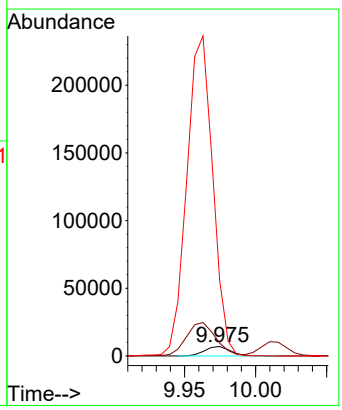


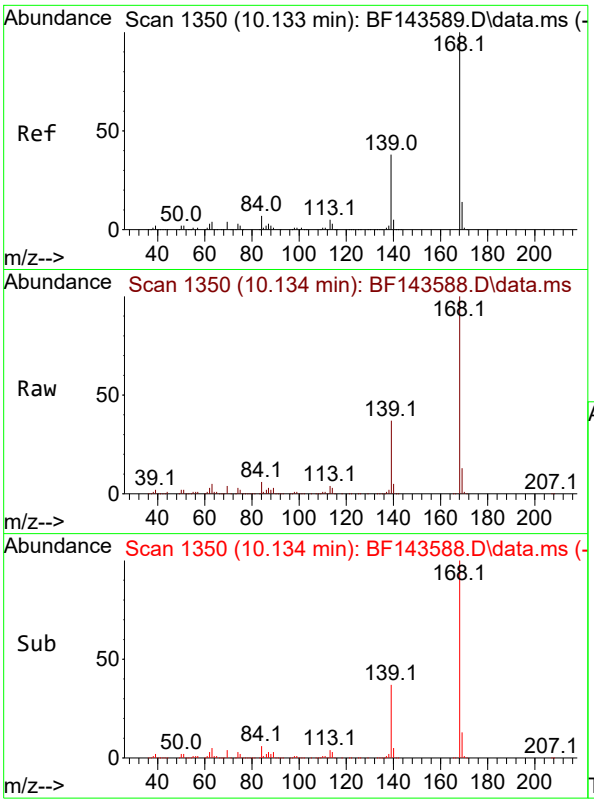


#54
2,4-Dinitrophenol
Concen: 18.641 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:184 Resp: 8735

Ion	Ratio	Lower	Upper
184	100		
63	138.3	80.9	121.3#
154	804.4	262.0	393.0#

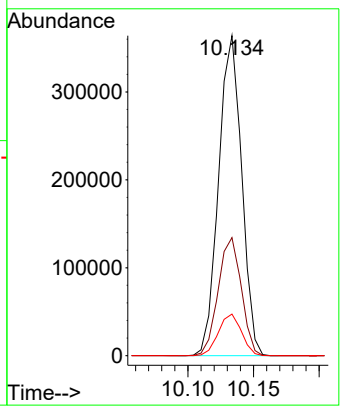




#55
Dibenzofuran
Concen: 21.517 ng
RT: 10.134 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:168 Resp: 44439

Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.6	46.0
169	13.0	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
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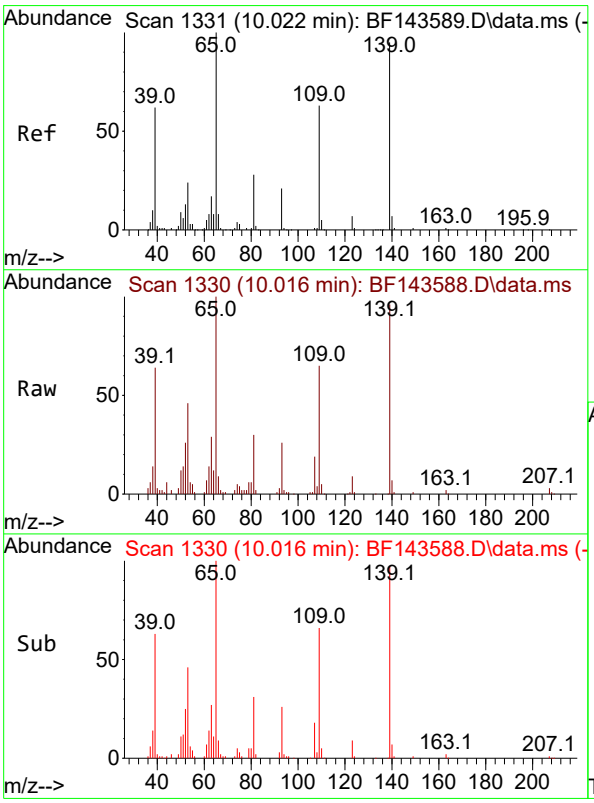
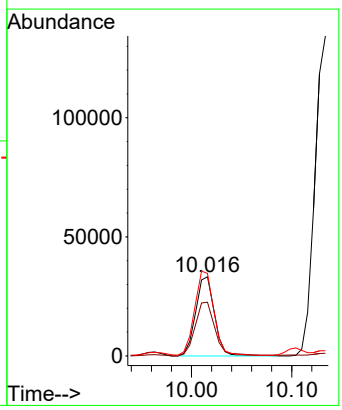
Supervised By :Jagrut Upadhyay 08/27/2025

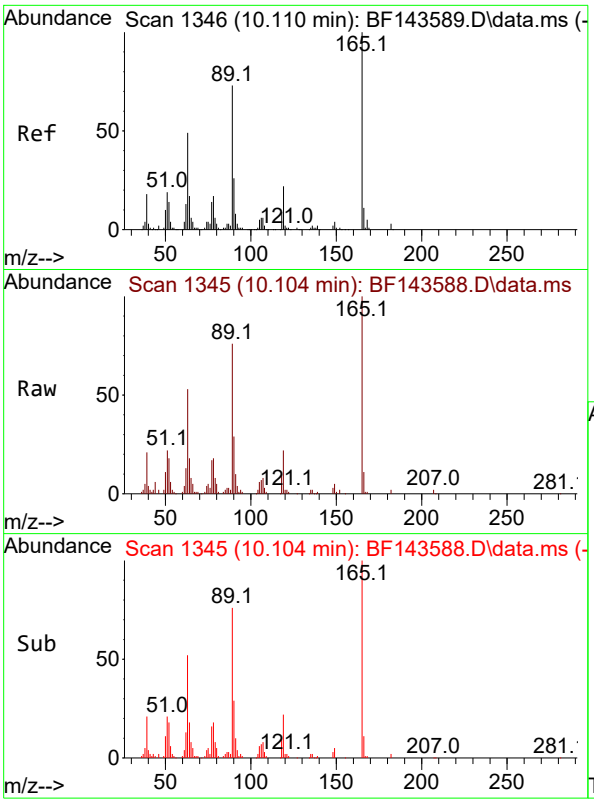


#56
4-Nitrophenol
Concen: 19.508 ng
RT: 10.016 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:139 Resp: 43472

Ion	Ratio	Lower	Upper
139	100		
109	67.9	47.3	87.3
65	104.1	86.8	126.8

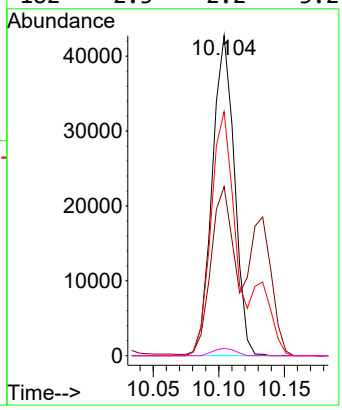




#57
2,4-Dinitrotoluene
Concen: 17.175 ng
RT: 10.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:165 Resp: 5014

Ion	Ratio	Lower	Upper
165	100		
63	52.8	39.5	59.3
89	76.2	58.1	87.1
182	2.3	2.2	3.2



Instrument :
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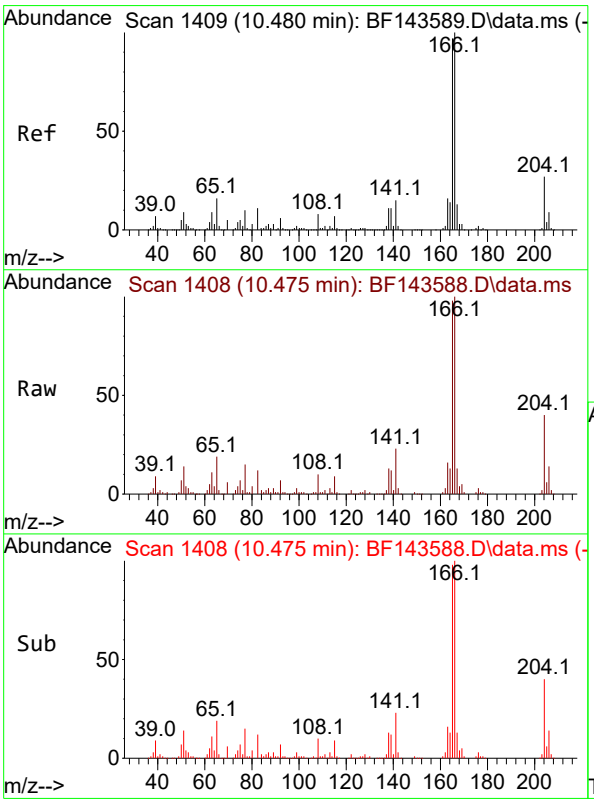
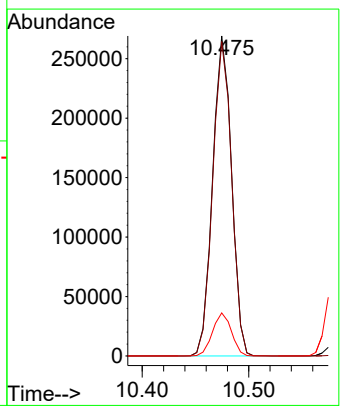
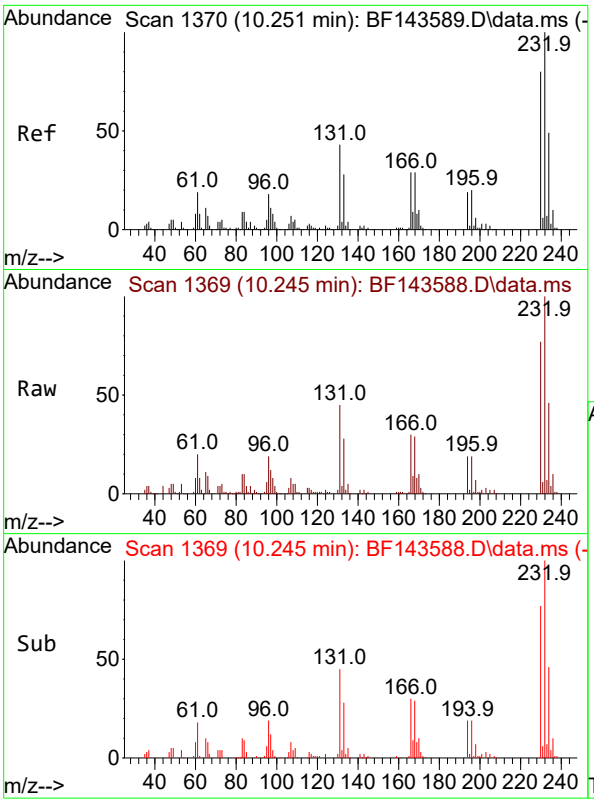


#58
Fluorene
Concen: 21.402 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:166 Resp: 331877

Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.7	116.5
167	13.4	10.6	15.8

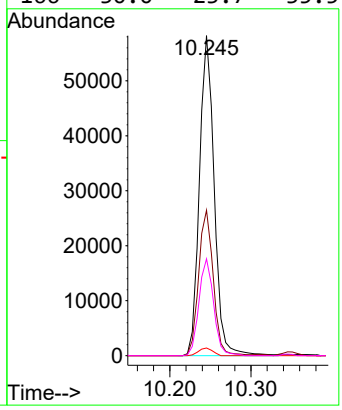




#59
2,3,4,6-Tetrachlorophenol
Concen: 21.286 ng
RT: 10.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:232 Resp: 7370

Ion	Ratio	Lower	Upper
232	100		
131	44.9	35.9	53.9
130	2.3	1.8	2.8
166	30.0	23.7	35.5



Instrument :
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ClientSampleId :
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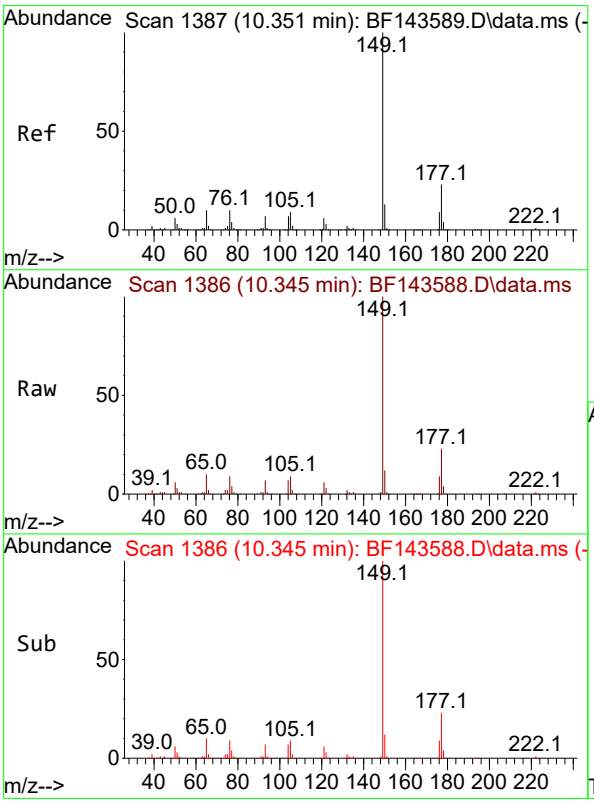
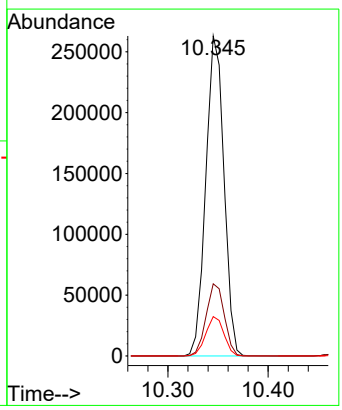
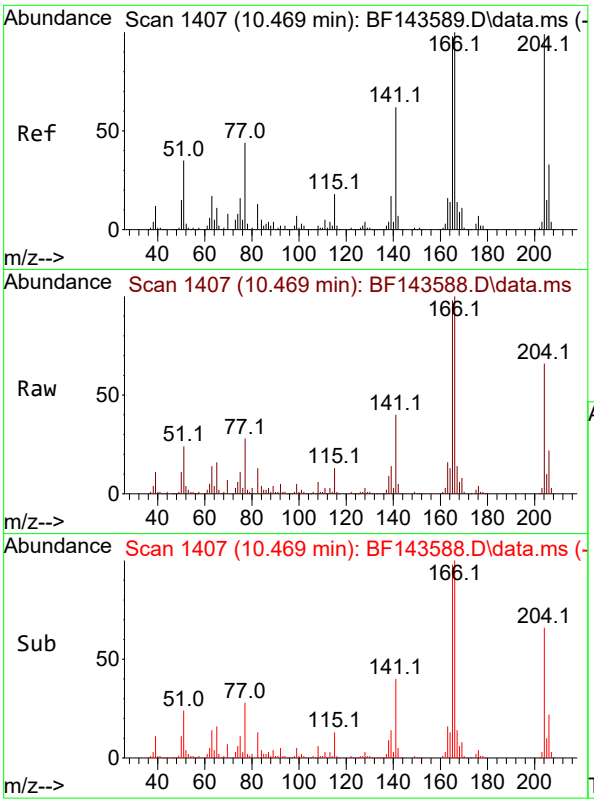


#60
Diethylphthalate
Concen: 21.329 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:149 Resp: 331543

Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.1	27.1
150	12.3	10.1	15.1

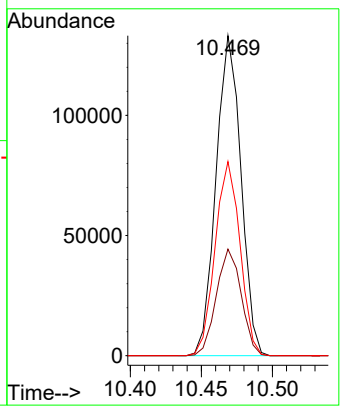




#61
4-Chlorophenyl-phenylether
Concen: 21.428 ng
RT: 10.469 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:204 Resp: 16250

Ion	Ratio	Lower	Upper
204	100		
206	33.3	27.0	40.6
141	60.6	50.2	75.2



Instrument :
BNA_F
ClientSampleId :
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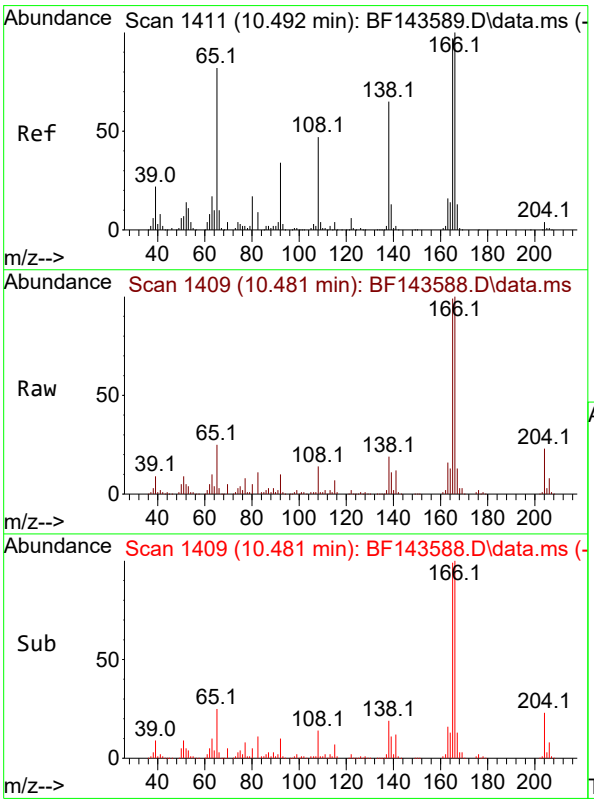
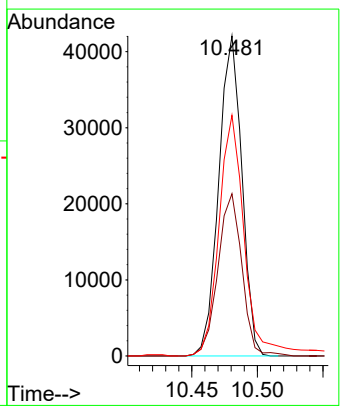
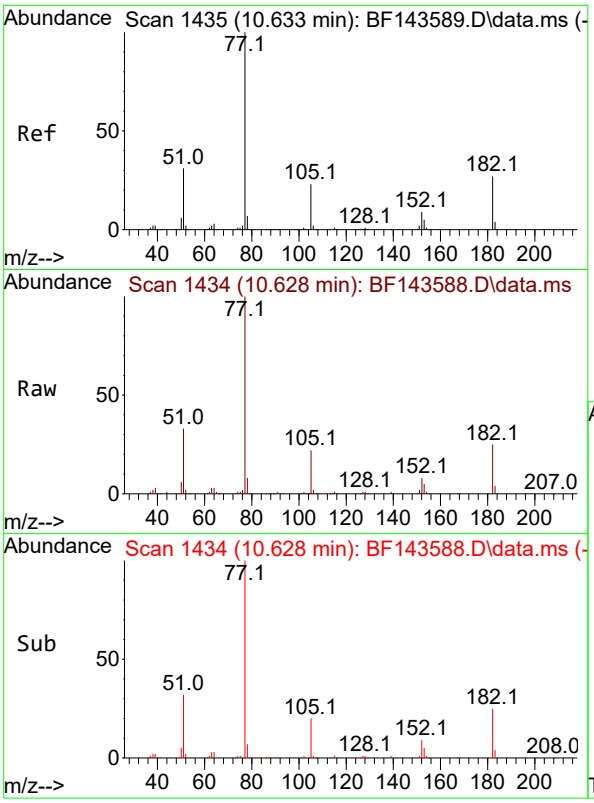


#62
4-Nitroaniline
Concen: 18.883 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.011 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:138 Resp: 51496

Ion	Ratio	Lower	Upper
138	100		
92	50.7	31.3	71.3
108	75.2	51.6	91.6





#63
Azobenzene
Concen: 21.601 ng
RT: 10.628 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 34043

Ion	Ratio	Lower	Upper
77	100		
182	24.8	6.3	46.3
105	21.8	2.4	42.4
51	32.6	12.7	52.7

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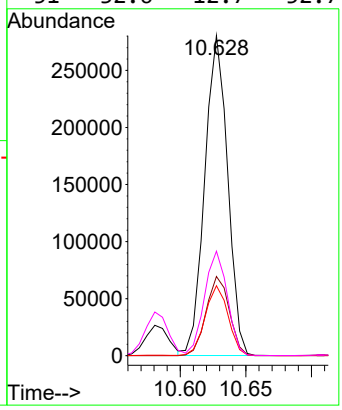
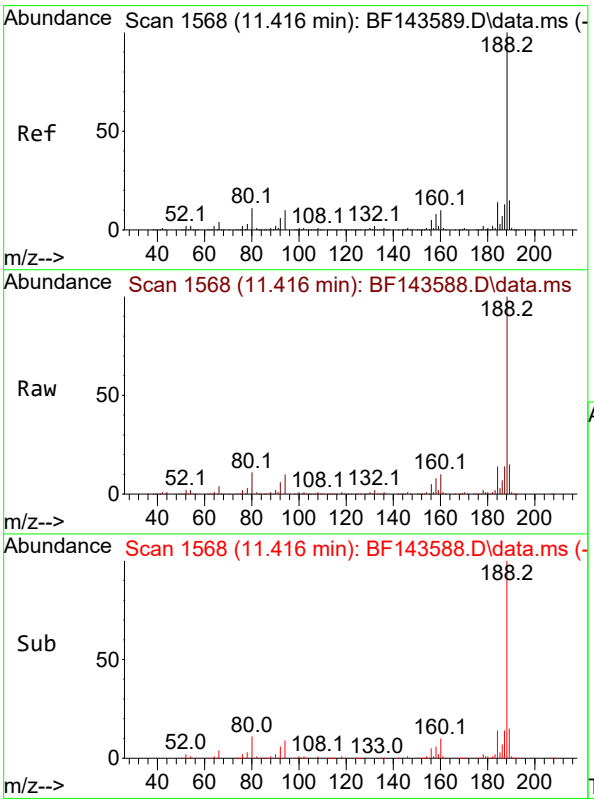
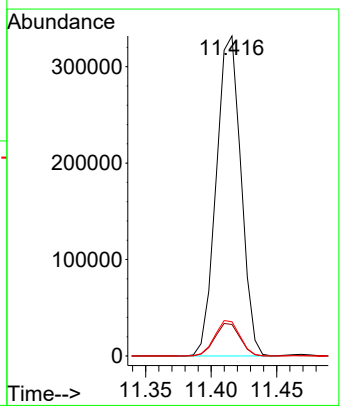


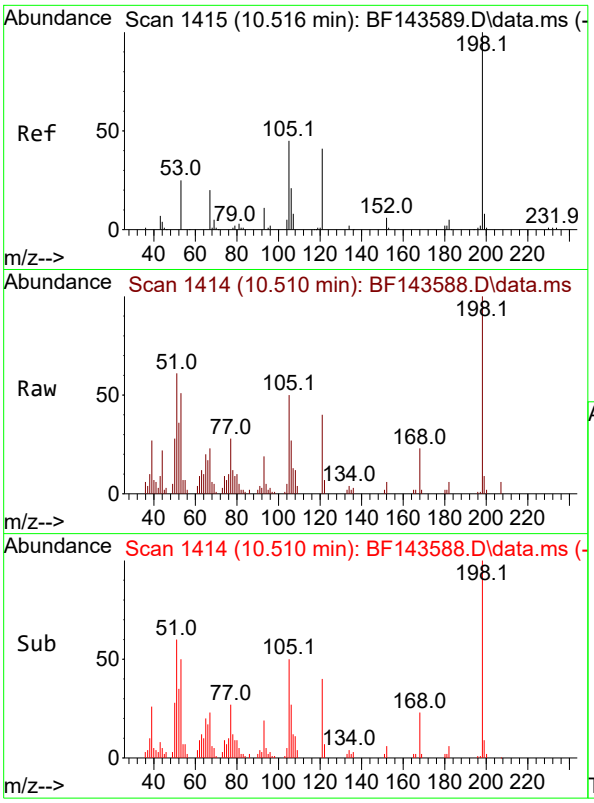


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:188 Resp: 435462

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.2	12.4
80	10.7	8.9	13.3





#65
4,6-Dinitro-2-methylphenol
Concen: 18.075 ng
RT: 10.510 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:198 Resp: 1539

Ion	Ratio	Lower	Upper
198	100		
51	61.3	41.5	81.5
105	50.5	28.2	68.2

Instrument :
BNA_F
ClientSampleId :
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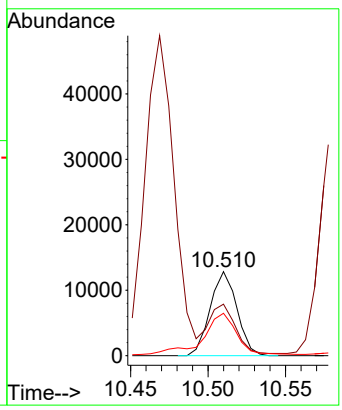
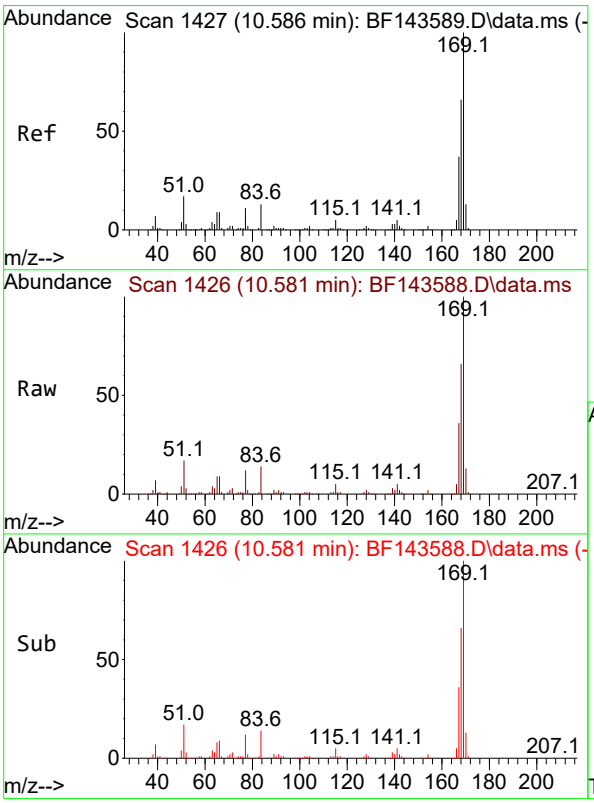
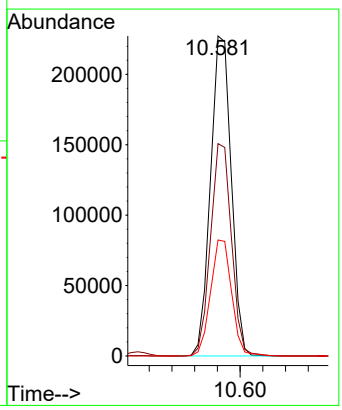


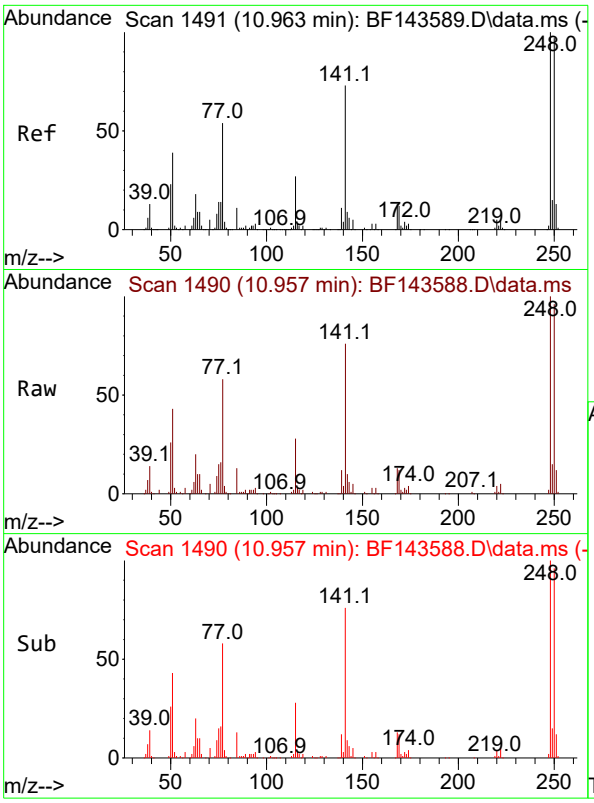


#66
n-Nitrosodiphenylamine
Concen: 20.821 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:169 Resp: 288398

Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.1	79.7
167	36.3	29.3	43.9

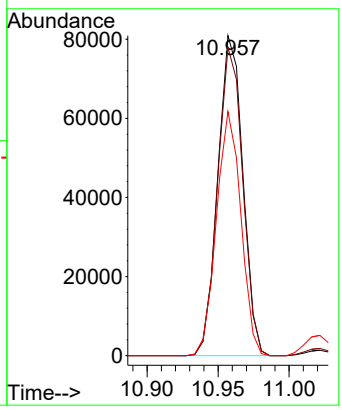




#67
4-Bromophenyl-phenylether
Concen: 21.052 ng
RT: 10.957 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:248 Resp: 9916

Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.8	116.6
141	76.3	58.5	87.7



Instrument :
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ClientSampleId :
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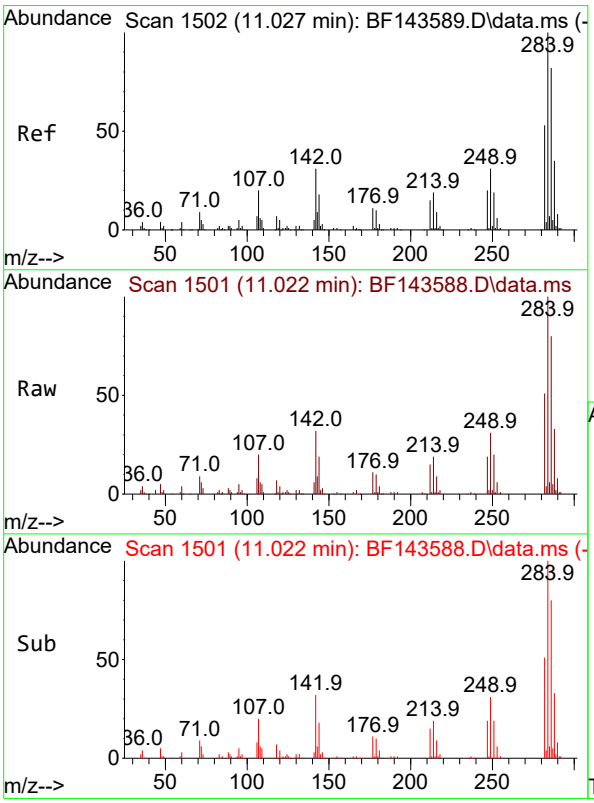
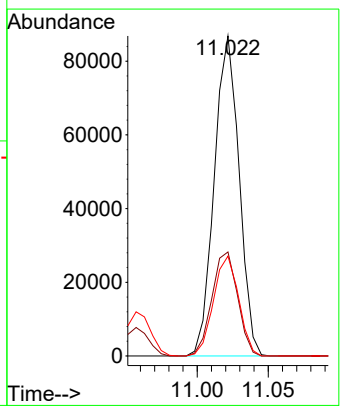
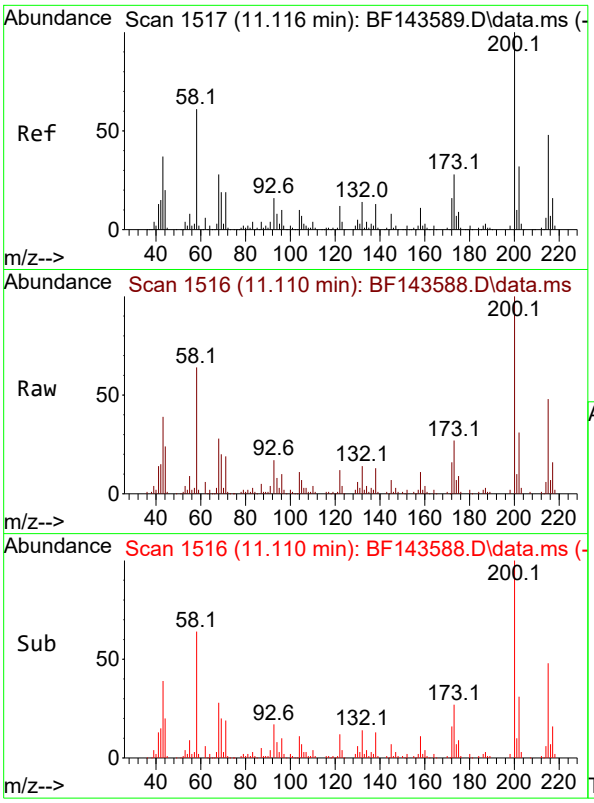


#68
Hexachlorobenzene
Concen: 20.940 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.005 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:284 Resp: 105499

Ion	Ratio	Lower	Upper
284	100		
142	32.5	24.7	37.1
249	31.2	25.0	37.6

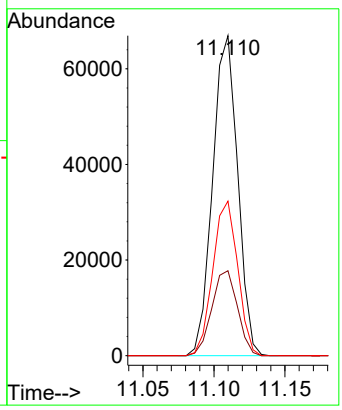




#69
Atrazine
Concen: 20.585 ng
RT: 11.110 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:200 Resp: 8195

Ion	Ratio	Lower	Upper
200	100		
173	26.5	7.6	47.6
215	48.3	28.3	68.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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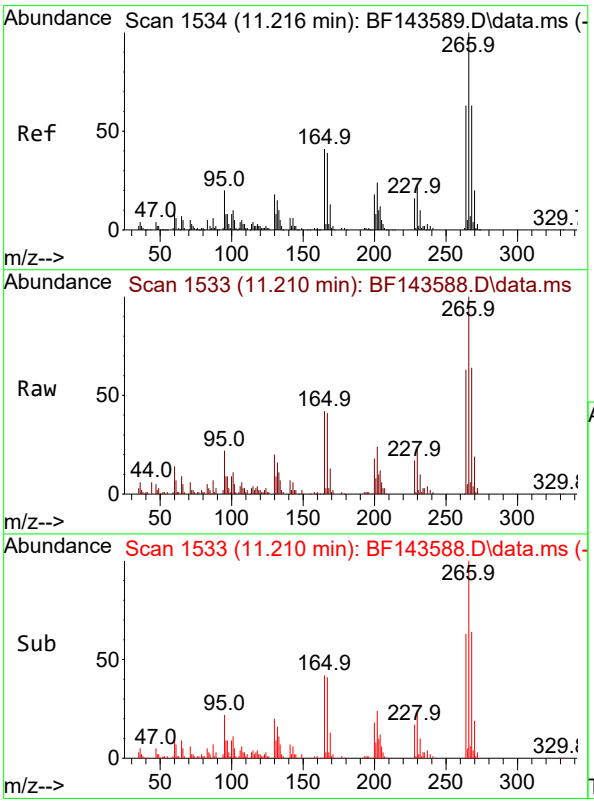
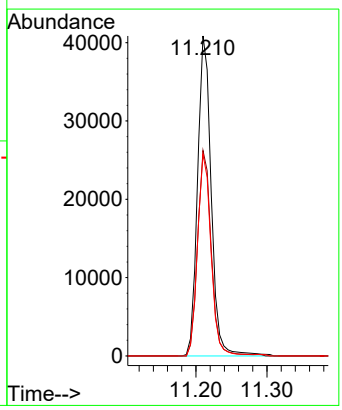
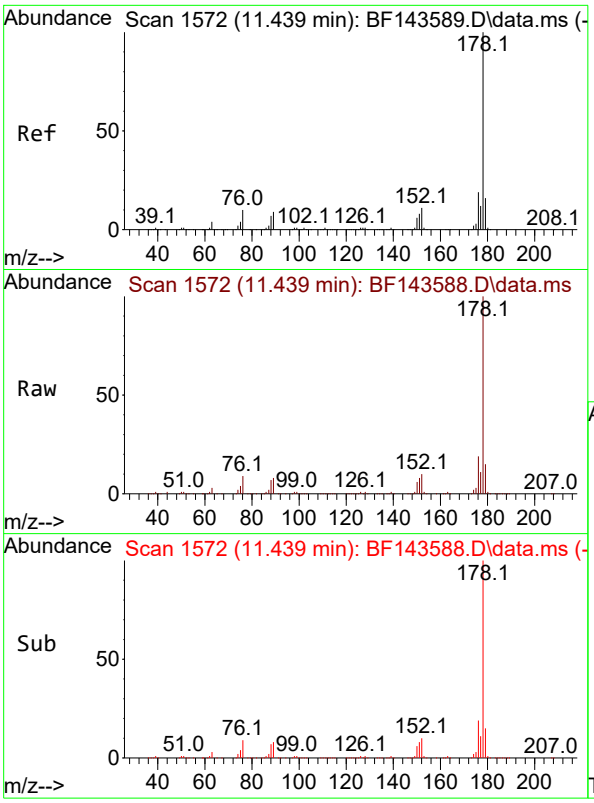


#70
Pentachlorophenol
Concen: 19.003 ng
RT: 11.210 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:266 Resp: 54701

Ion	Ratio	Lower	Upper
266	100		
268	64.2	50.4	75.6
264	63.0	50.1	75.1

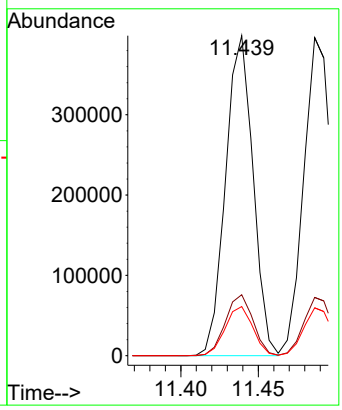




#71
Phenanthrene
Concen: 21.044 ng
RT: 11.439 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:178 Resp: 49064

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.4	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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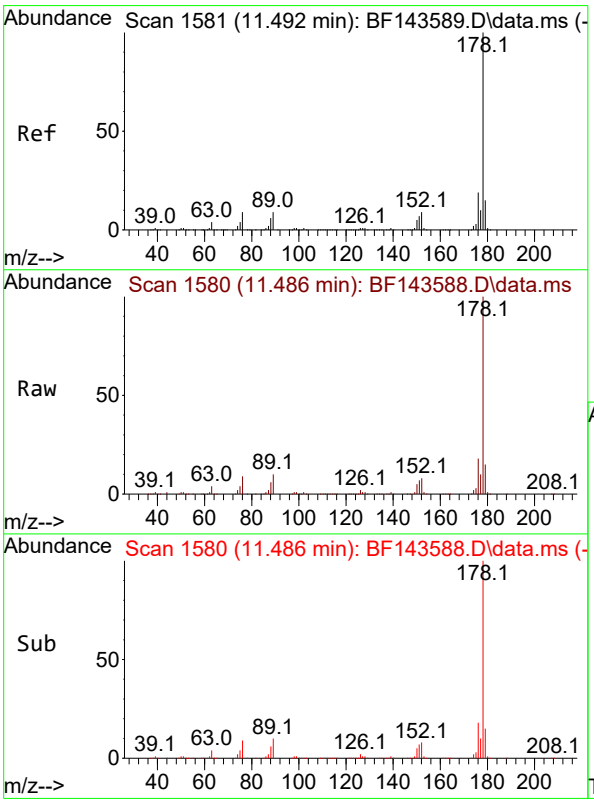
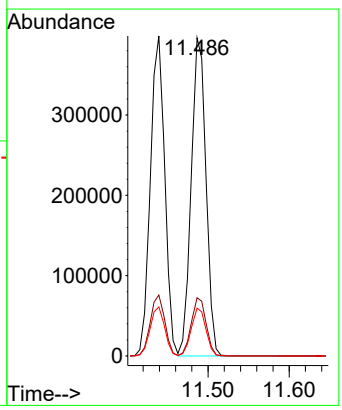
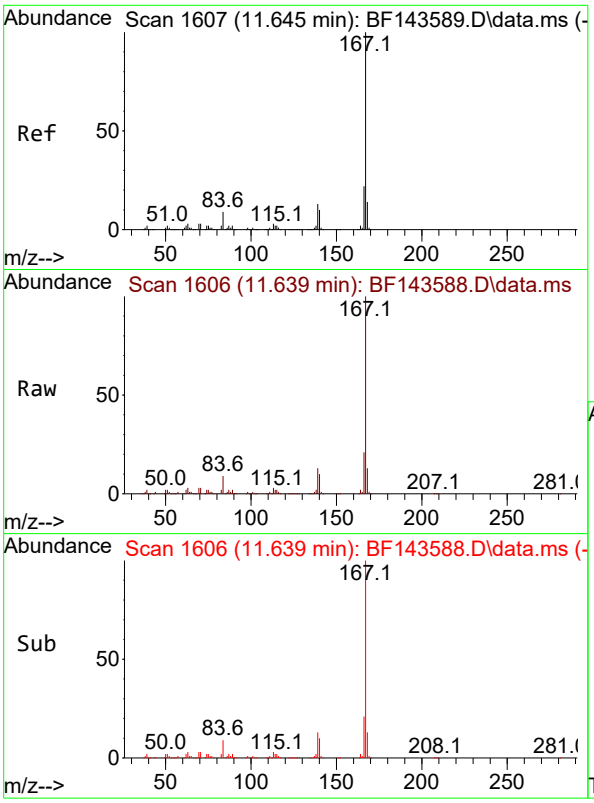


#72
Anthracene
Concen: 21.336 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:178 Resp: 501308

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.6
179	15.0	12.4	18.6





#73
Carbazole
Concen: 21.242 ng
RT: 11.639 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:167 Resp: 43142

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.3	25.9
139	13.0	10.4	15.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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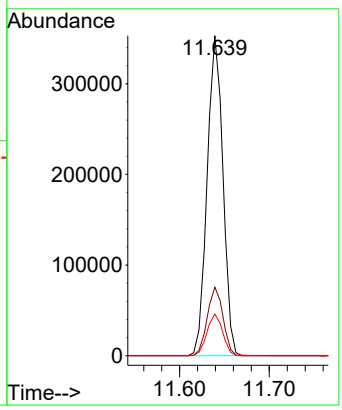
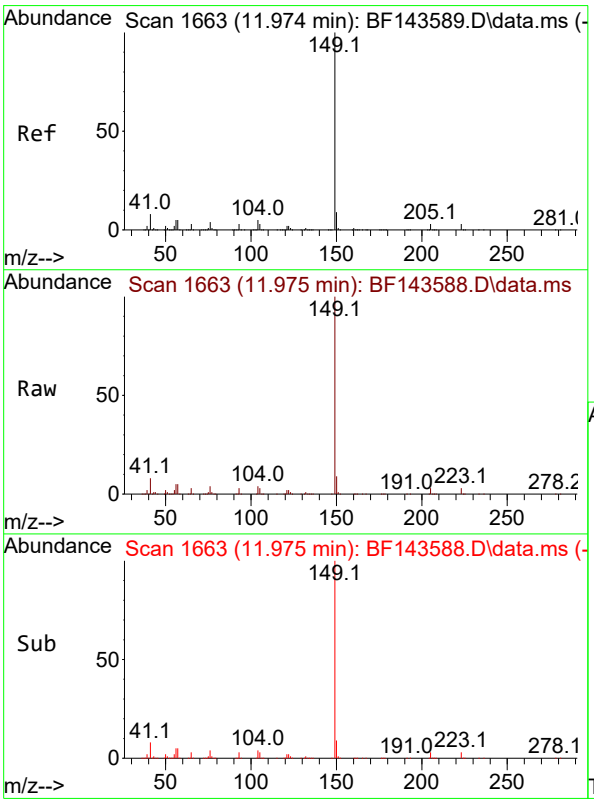
Supervised By :Jagrut Upadhyay 08/27/2025

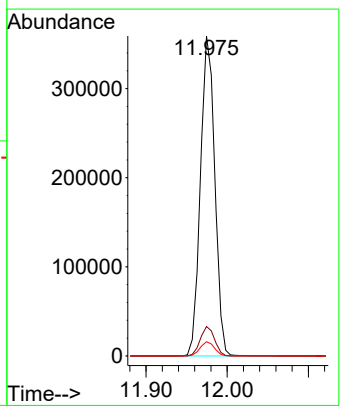


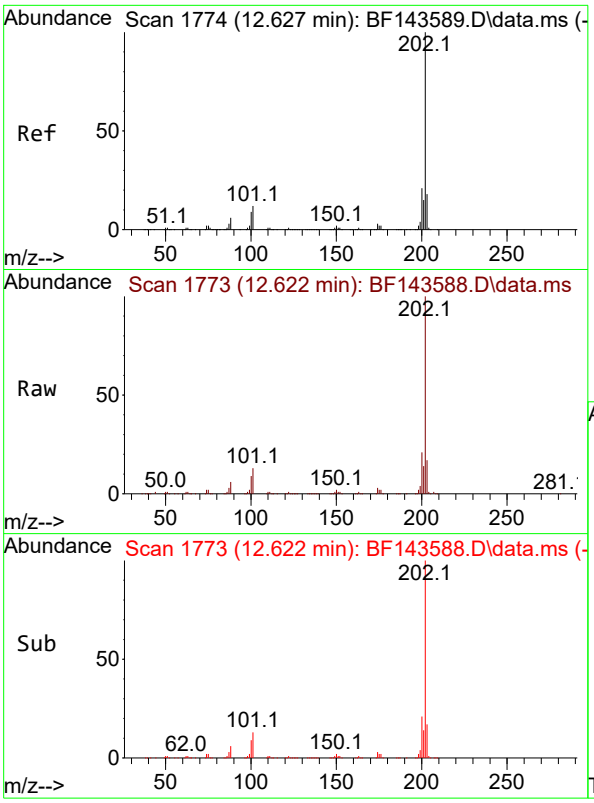


#74
Di-n-butylphthalate
Concen: 21.314 ng
RT: 11.975 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:149 Resp: 440920

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.4	3.6	5.4

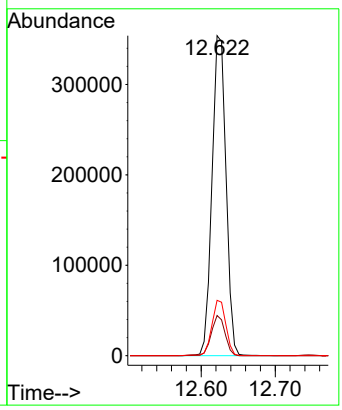




#75
Fluoranthene
Concen: 21.794 ng
RT: 12.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:202 Resp: 46395

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	32.3
203	17.3	0.0	37.5



Instrument :
BNA_F
ClientSampleId :
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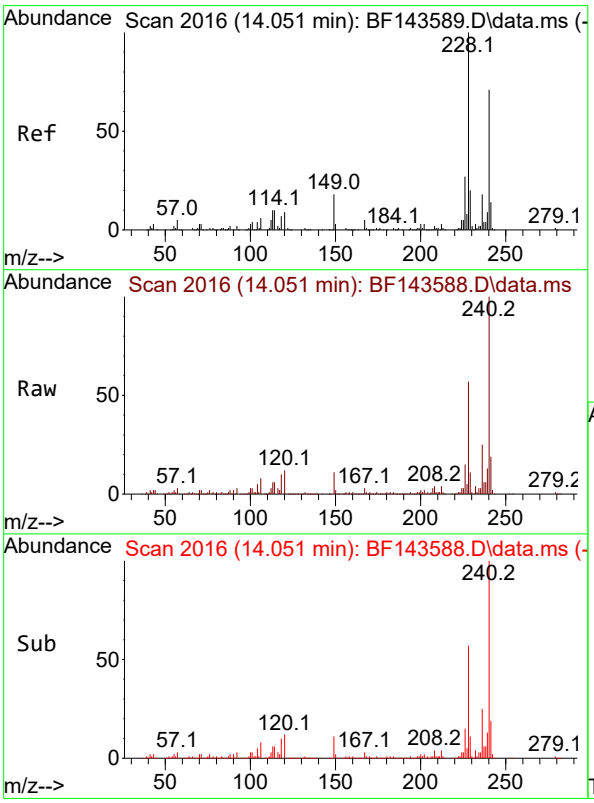
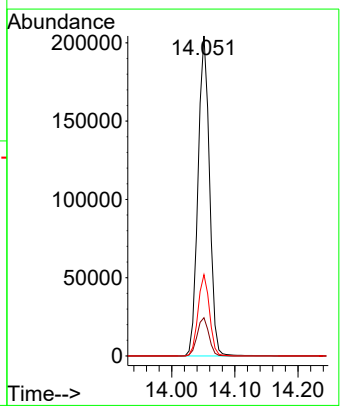
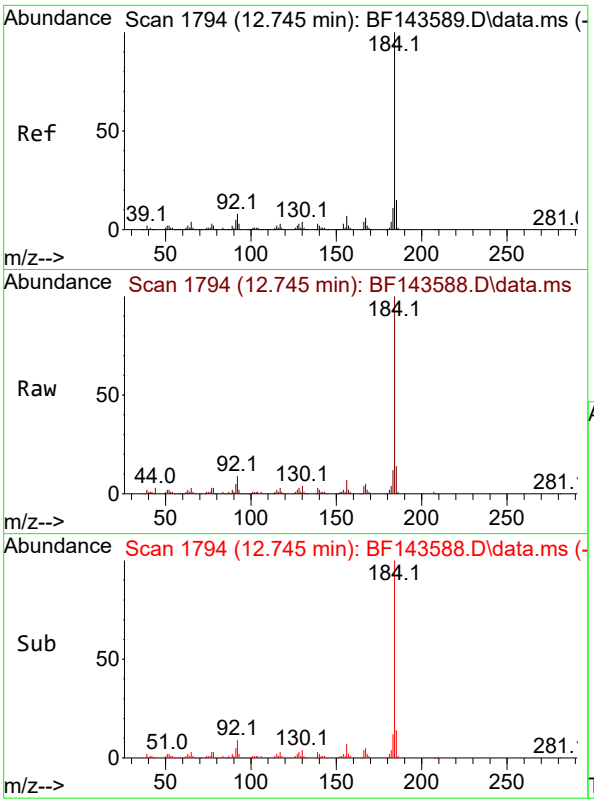


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:240 Resp: 257613

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.6	14.4
236	25.4	20.2	30.2

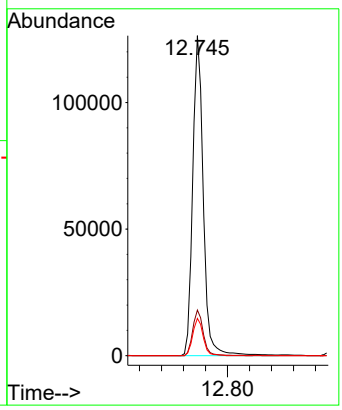




#77
Benzidine
Concen: 27.609 ng
RT: 12.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:184 Resp: 16846

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.8	17.6
183	11.7	9.1	13.7



Instrument :
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ClientSampleId :
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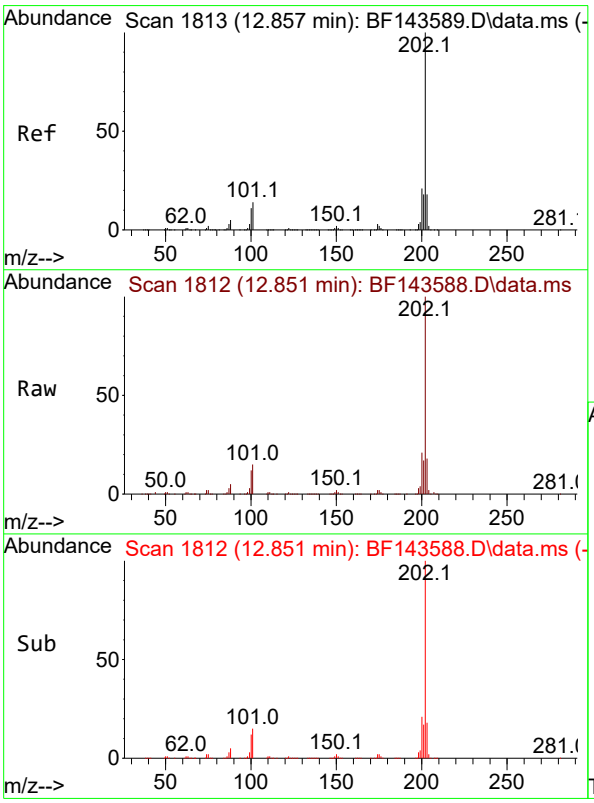
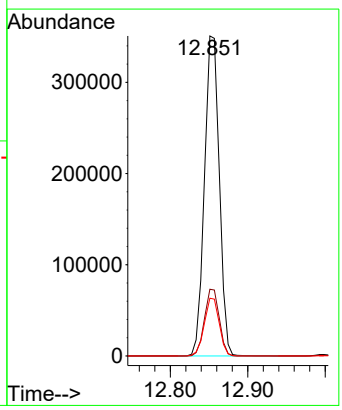
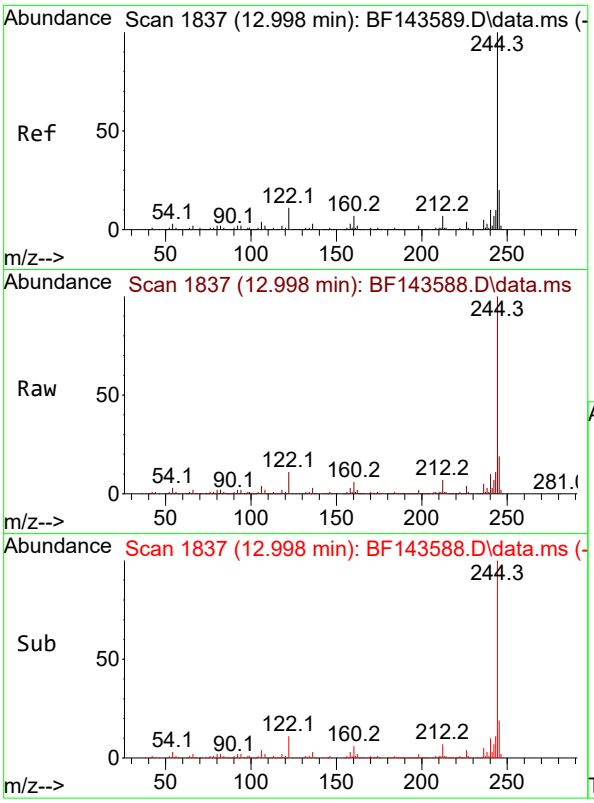


#78
Pyrene
Concen: 21.629 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:202 Resp: 466310

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.4
203	18.0	14.2	21.4

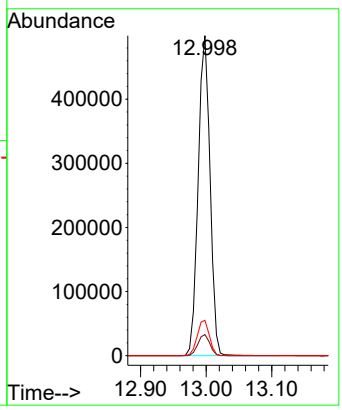




#79
Terphenyl-d14
Concen: 43.819 ng
RT: 12.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:244 Resp: 62906

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.5	8.3
122	11.0	8.8	13.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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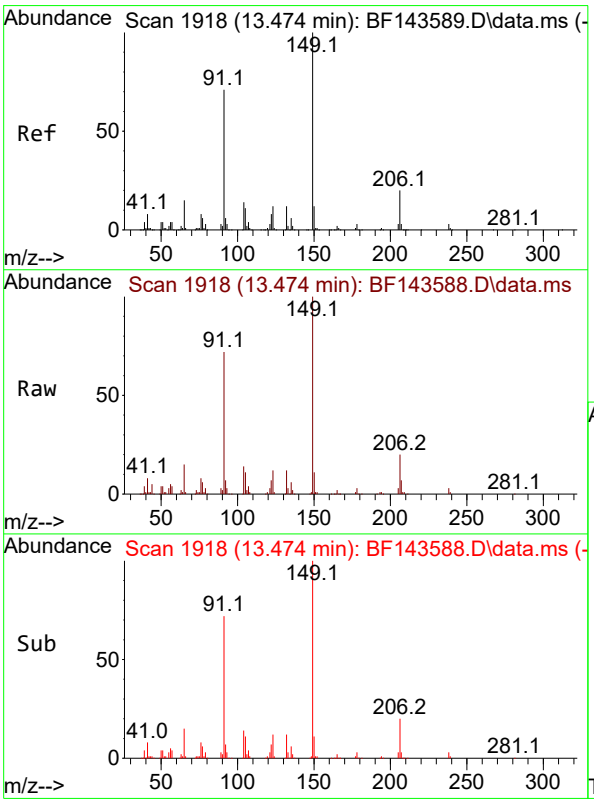
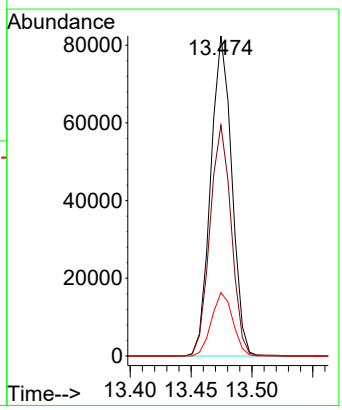
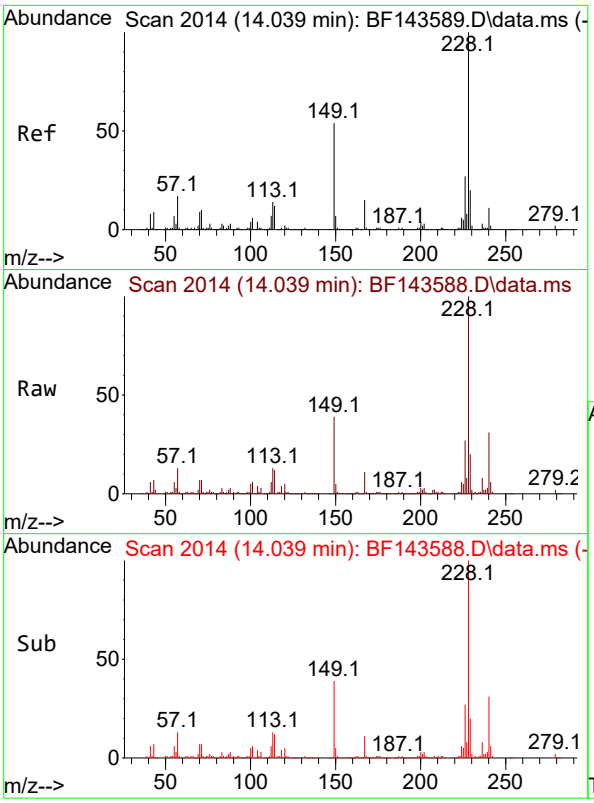


#80
Butylbenzylphthalate
Concen: 18.739 ng
RT: 13.474 min Scan# 1918
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:149 Resp: 99354

Ion	Ratio	Lower	Upper
149	100		
91	72.1	56.8	85.2
206	19.8	16.2	24.2





#81
Benzo(a)anthracene
Concen: 20.471 ng
RT: 14.039 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 33178

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.8	32.8
229	19.5	16.1	24.1

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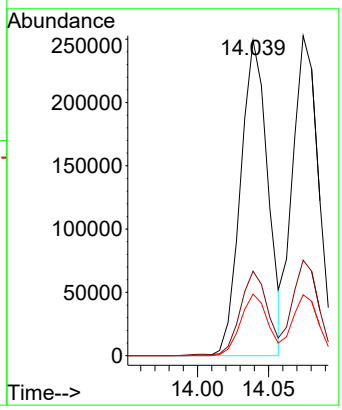
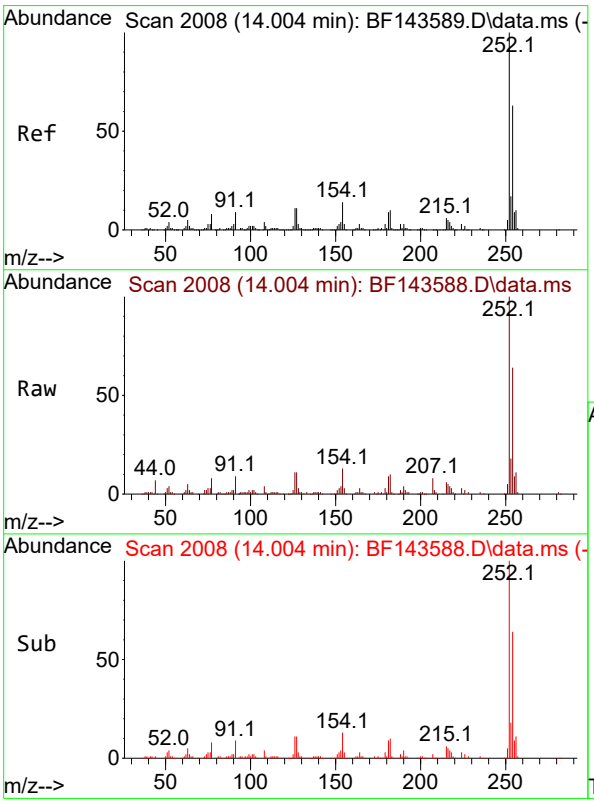
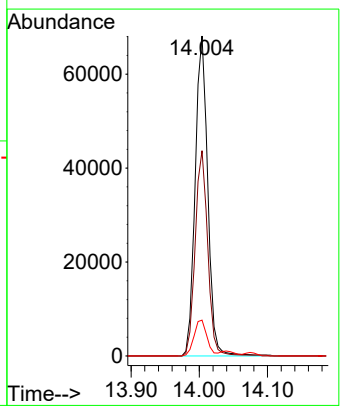


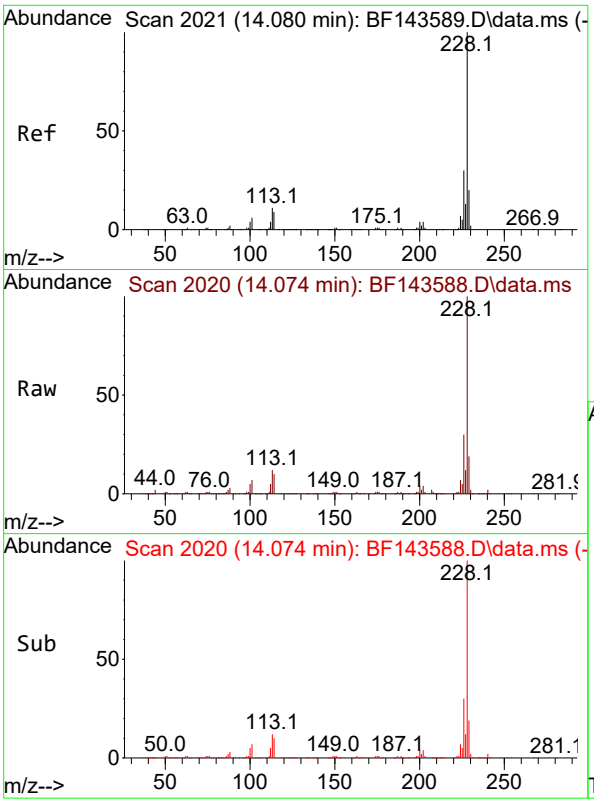


#82
3,3'-Dichlorobenzidine
Concen: 20.100 ng
RT: 14.004 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:252 Resp: 87340

Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.2	75.2
126	11.2	9.1	13.7

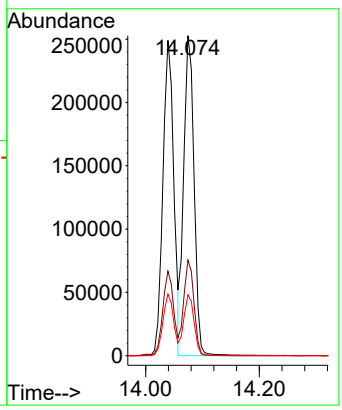




#83
Chrysene
Concen: 21.209 ng
RT: 14.074 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:228 Resp: 32034

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.2
229	19.1	15.8	23.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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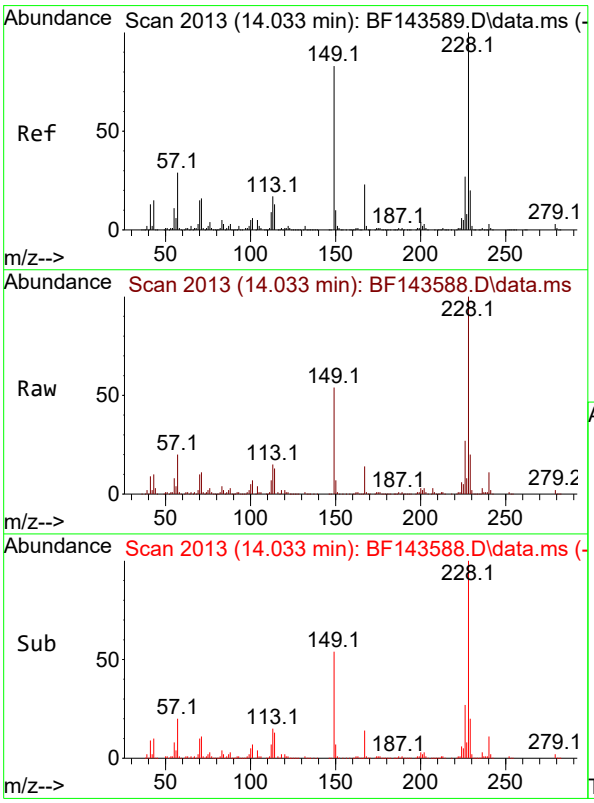
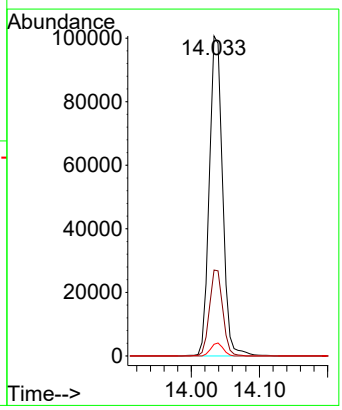
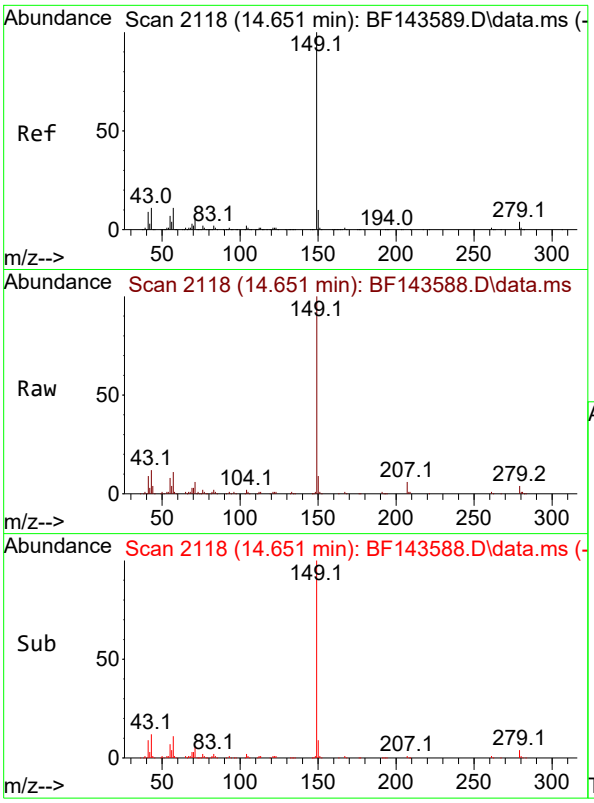


#84
Bis(2-ethylhexyl)phthalate
Concen: 19.370 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:149 Resp: 136406

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.8	32.8
279	3.6	2.9	4.3





#85
Di-n-octyl phthalate
Concen: 18.941 ng
RT: 14.651 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:149 Resp: 21645

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	12.3	9.5	14.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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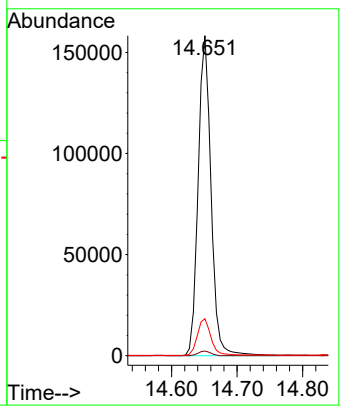
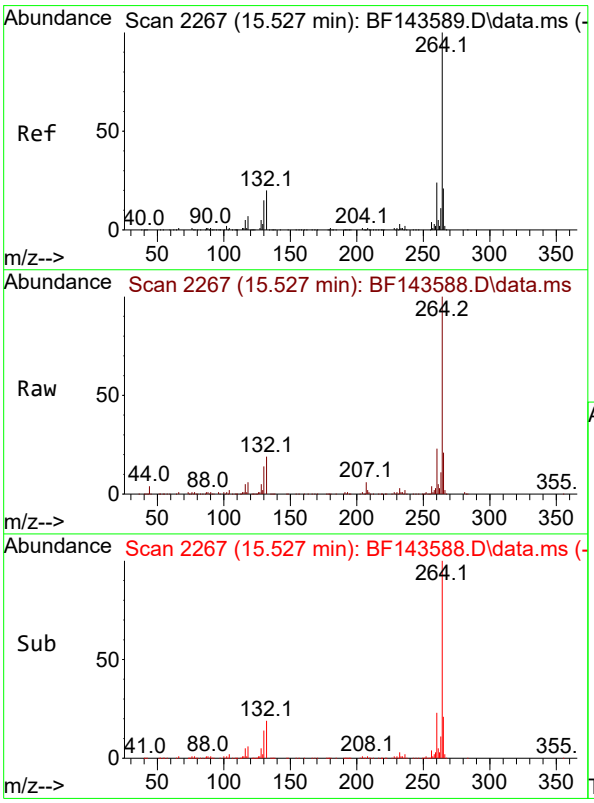
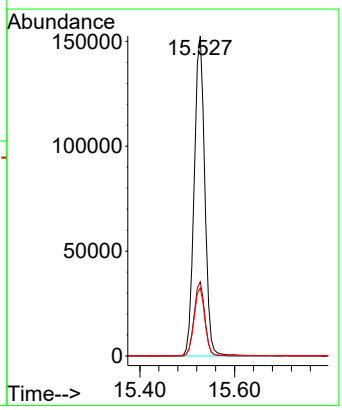


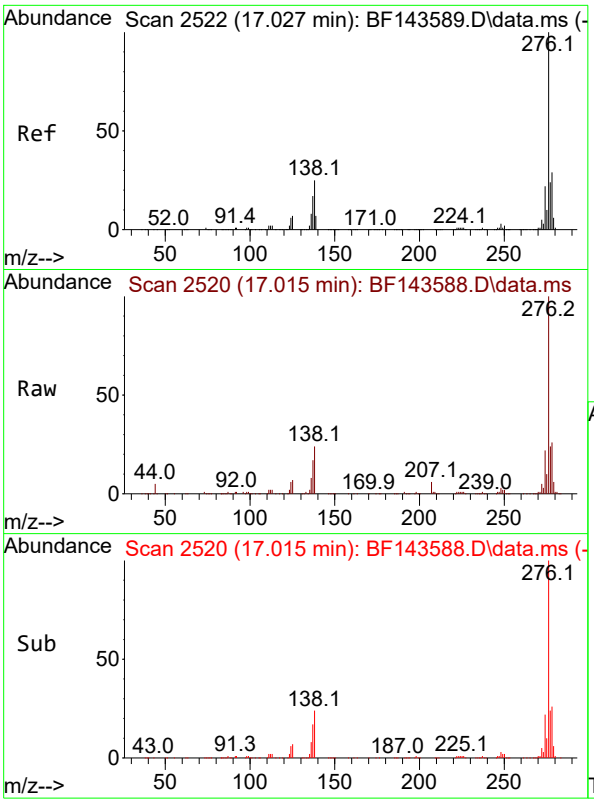


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:264 Resp: 236871

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	21.3	17.0	25.4

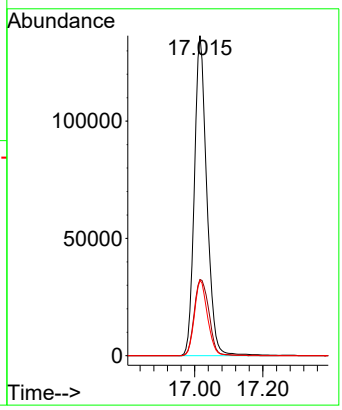




#87
Indeno(1,2,3-cd)pyrene
Concen: 21.482 ng
RT: 17.015 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:276 Resp: 34619

Ion	Ratio	Lower	Upper
276	100		
138	28.0	22.3	33.5
277	24.8	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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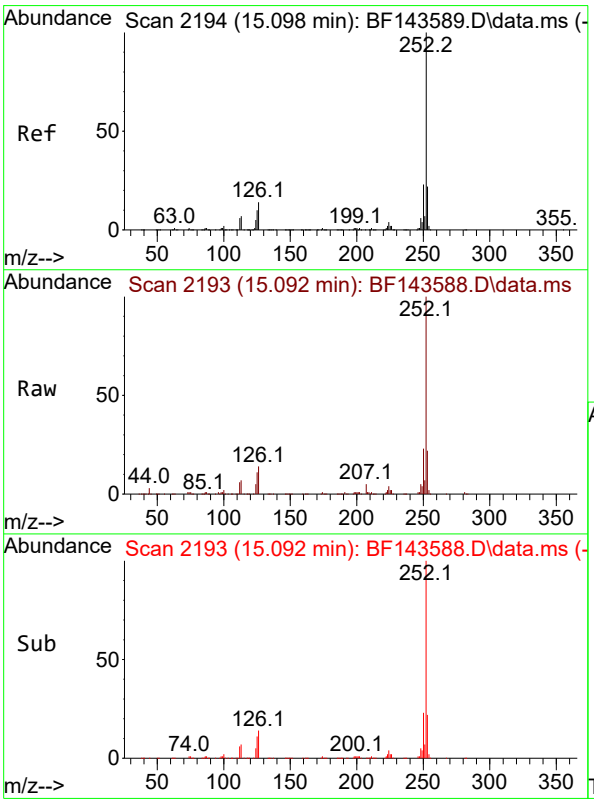
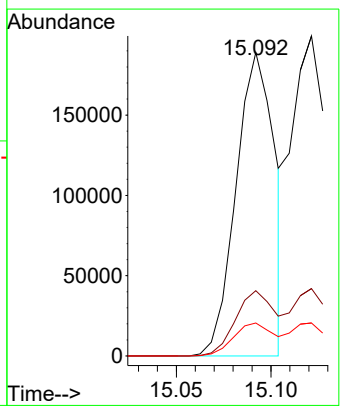
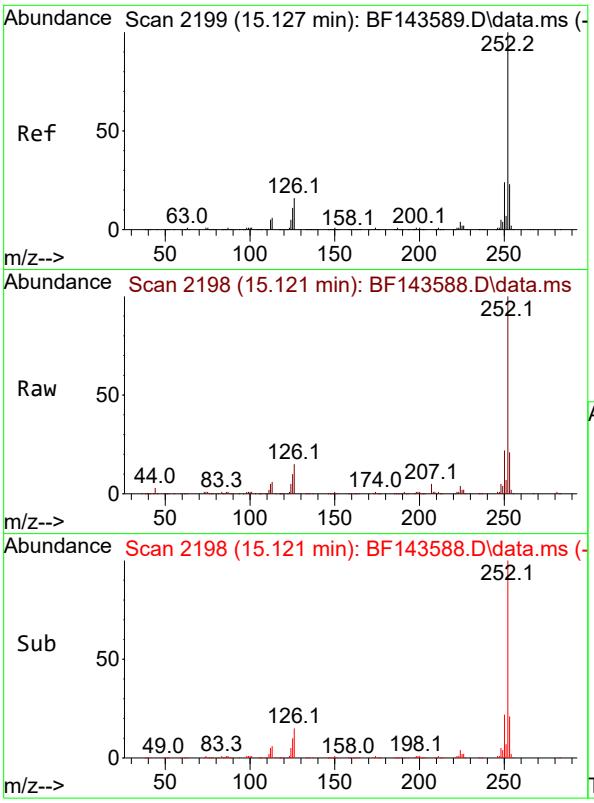


#88
Benzo(b)fluoranthene
Concen: 19.789 ng
RT: 15.092 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:252 Resp: 267822

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	10.9	8.2	12.2

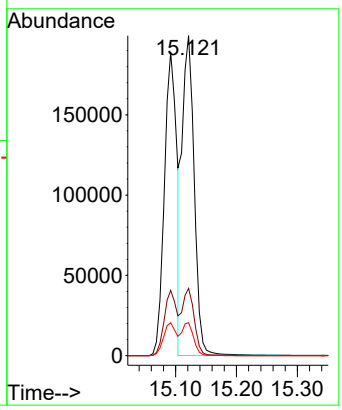




#89
Benzo(k)fluoranthene
Concen: 21.807 ng
RT: 15.121 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:252 Resp: 27595

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.5	26.3
125	10.3	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
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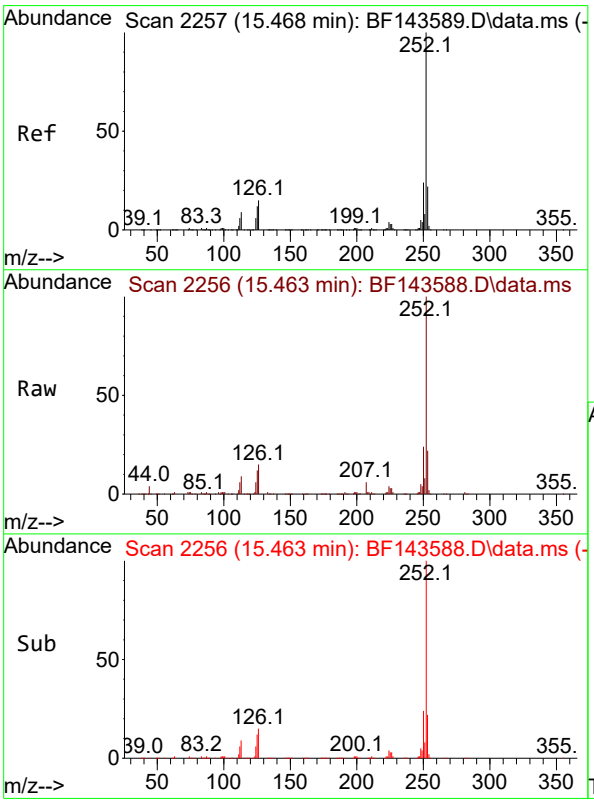
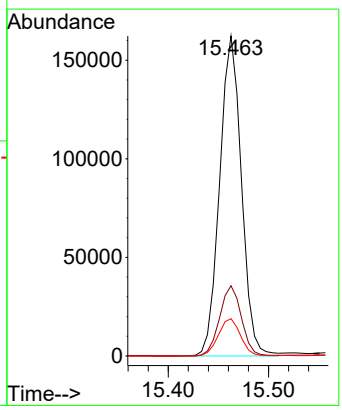
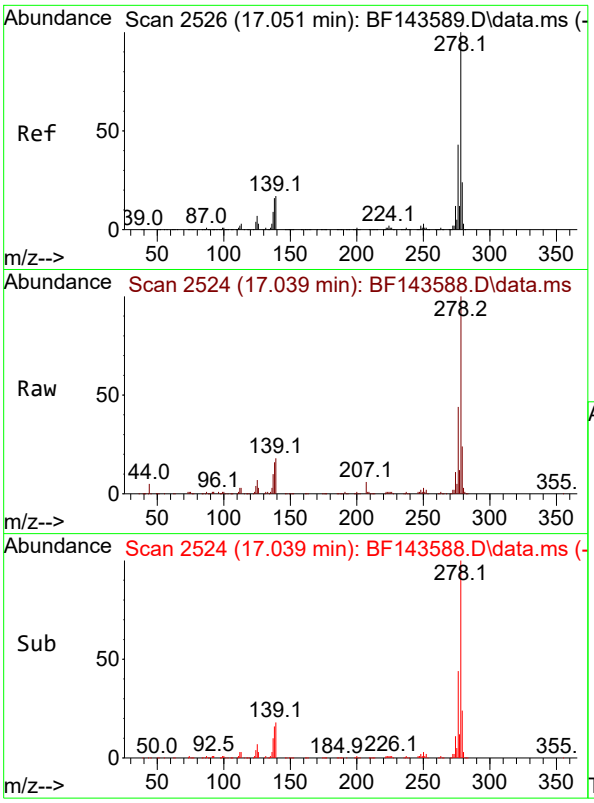


#90
Benzo(a)pyrene
Concen: 20.491 ng
RT: 15.463 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:252 Resp: 245034

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	11.6	9.2	13.8

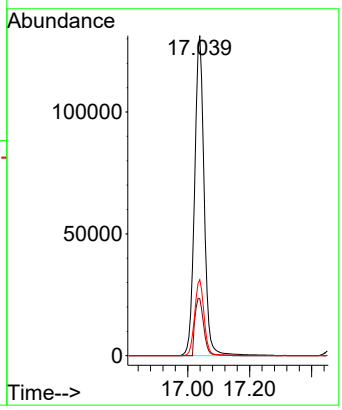




#91
Dibenzo(a,h)anthracene
Concen: 21.382 ng
RT: 17.039 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:278 Resp: 28202

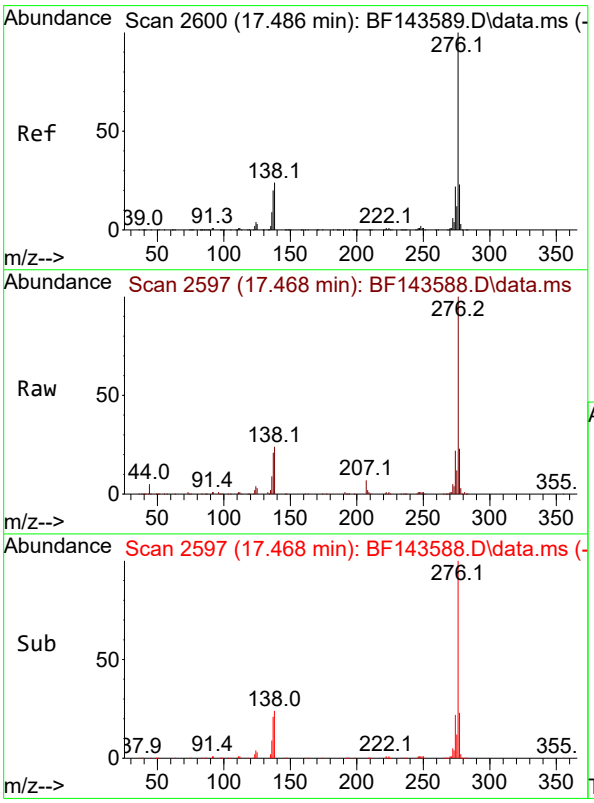
Ion	Ratio	Lower	Upper
278	100		
139	17.8	13.8	20.8
279	23.8	19.4	29.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

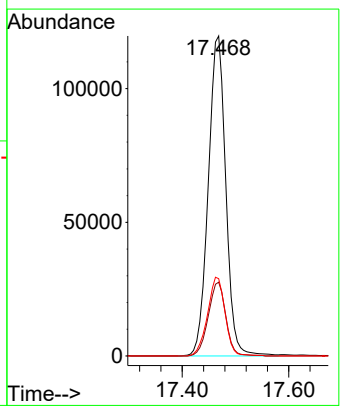
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



#92
Benzo(g,h,i)perylene
Concen: 20.926 ng
RT: 17.468 min Scan# 2597
Delta R.T. -0.017 min
Lab File: BF143588.D
Acq: 26 Aug 2025 10:37

Tgt Ion:276 Resp: 273261

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	27.8
138	24.2	19.1	28.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143589.D
Acq On : 26 Aug 2025 11:06
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 26 16:13:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	157333	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	591271	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	318528	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	479444	20.000	ng	0.00
76) Chrysene-d12	14.051	240	273832	20.000	ng	0.00
86) Perylene-d12	15.527	264	334519	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	724943	78.422	ng	0.00
7) Phenol-d6	6.510	99	894793	78.152	ng	0.00
23) Nitrobenzene-d5	7.457	82	692865	83.669	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	205843	82.636	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1426761	76.584	ng	0.00
79) Terphenyl-d14	12.998	244	1143550	74.939	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	179595	39.712	ng	100
3) Pyridine	3.440	79	473218	41.671	ng	100
4) n-Nitrosodimethylamine	3.393	42	218791	40.488	ng	100
6) Aniline	6.557	93	623194	38.989	ng	100
8) 2-Chlorophenol	6.675	128	389729	39.849	ng	100
9) Benzaldehyde	6.445	77	380288	44.142	ng	100
10) Phenol	6.528	94	498340m	38.807	ng	
11) bis(2-Chloroethyl)ether	6.628	93	381086	38.728	ng	100
12) 1,3-Dichlorobenzene	6.834	146	433636	38.600	ng	100
13) 1,4-Dichlorobenzene	6.910	146	440618	38.897	ng	100
14) 1,2-Dichlorobenzene	7.063	146	412999	38.437	ng	100
15) Benzyl Alcohol	7.028	79	342223	39.883	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	699533	38.514	ng	100
17) 2-Methylphenol	7.133	107	324534	39.088	ng	100
18) Hexachloroethane	7.410	117	144818	40.234	ng	100
19) n-Nitroso-di-n-propyla...	7.310	70	275538	37.988	ng	100
20) 3+4-Methylphenols	7.292	107	405303	39.746	ng	100
22) Acetophenone	7.304	105	516387	38.780	ng	100
24) Nitrobenzene	7.475	77	389907	43.918	ng	100
25) Isophorone	7.716	82	762668	39.355	ng	100
26) 2-Nitrophenol	7.792	139	135383	39.642	ng	100
27) 2,4-Dimethylphenol	7.822	122	337446	40.021	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	455240	38.827	ng	100
29) 2,4-Dichlorophenol	8.028	162	335894	41.347	ng	100
30) 1,2,4-Trichlorobenzene	8.116	180	336080	39.622	ng	100
31) Naphthalene	8.198	128	1109088	38.824	ng	100
32) Benzoic acid	7.922	122	148491	37.681	ng	100
33) 4-Chloroaniline	8.239	127	399603	39.595	ng	100
34) Hexachlorobutadiene	8.316	225	209059	39.114	ng	100
35) Caprolactam	8.616	113	92543	40.097	ng	100
36) 4-Chloro-3-methylphenol	8.716	107	340489	40.089	ng	100
37) 2-Methylnaphthalene	8.886	142	727785	38.577	ng	100
38) 1-Methylnaphthalene	8.986	142	708381	38.906	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	324978	39.224	ng	100
41) Hexachlorocyclopentadiene	9.039	237	167983	41.214	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	238330	43.532	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143589.D
Acq On : 26 Aug 2025 11:06
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

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

Quant Time: Aug 26 16:13:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	224880	40.650	ng	100
46) 1,1'-Biphenyl	9.351	154	865373	39.154	ng	100
47) 2-Chloronaphthalene	9.375	162	691742	39.621	ng	100
48) 2-Nitroaniline	9.469	65	183005	38.659	ng	100
49) Acenaphthylene	9.792	152	992186	39.058	ng	100
50) Dimethylphthalate	9.645	163	764116	39.001	ng	100
51) 2,6-Dinitrotoluene	9.710	165	120098	37.641	ng	100
52) Acenaphthene	9.963	154	646203	38.835	ng	100
53) 3-Nitroaniline	9.880	138	148625	39.079	ng	100
54) 2,4-Dinitrophenol	9.980	184	31823	37.216	ng	100
55) Dibenzofuran	10.133	168	936624	38.393	ng	100
56) 4-Nitrophenol	10.022	139	120396	38.632	ng	100
57) 2,4-Dinitrotoluene	10.110	165	156612	37.431	ng	100
58) Fluorene	10.480	166	693445	37.859	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	172339	42.137	ng	100
60) Diethylphthalate	10.351	149	707196	38.516	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	339673	37.919	ng	100
62) 4-Nitroaniline	10.492	138	135114	37.853	ng	100
63) Azobenzene	10.633	77	718876	38.616	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	55347	38.129	ng	100
66) n-Nitrosodiphenylamine	10.586	169	606144	39.747	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	209918	40.478	ng	100
68) Hexachlorobenzene	11.027	284	219878	39.638	ng	100
69) Atrazine	11.116	200	173611	39.604	ng	100
70) Pentachlorophenol	11.216	266	133606	42.157	ng	100
71) Phenanthrene	11.439	178	997324	38.852	ng	100
72) Anthracene	11.492	178	998143	38.584	ng	100
73) Carbazole	11.645	167	855082	38.239	ng	100
74) Di-n-butylphthalate	11.974	149	885338	38.870	ng	100
75) Fluoranthene	12.627	202	859839	36.685	ng	100
77) Benzidine	12.745	184	294704	45.437	ng	100
78) Pyrene	12.857	202	881203	38.452	ng	100
80) Butylbenzylphthalate	13.474	149	249520	39.277	ng	100
81) Benzo(a)anthracene	14.039	228	688271	39.952	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	204431	44.260	ng	100
83) Chrysene	14.080	228	616340	38.389	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	345979	41.731	ng	100
85) Di-n-octyl phthalate	14.651	149	638918	41.800	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	956205	42.014	ng	100
88) Benzo(b)fluoranthene	15.098	252	699249	36.584	ng	100
89) Benzo(k)fluoranthene	15.127	252	709824	39.719	ng	100
90) Benzo(a)pyrene	15.468	252	690197	40.870	ng	100
91) Dibenzo(a,h)anthracene	17.051	278	772126	41.451	ng	100
92) Benzo(g,h,i)perylene	17.486	276	768069	41.649	ng	100

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

ICAL Form

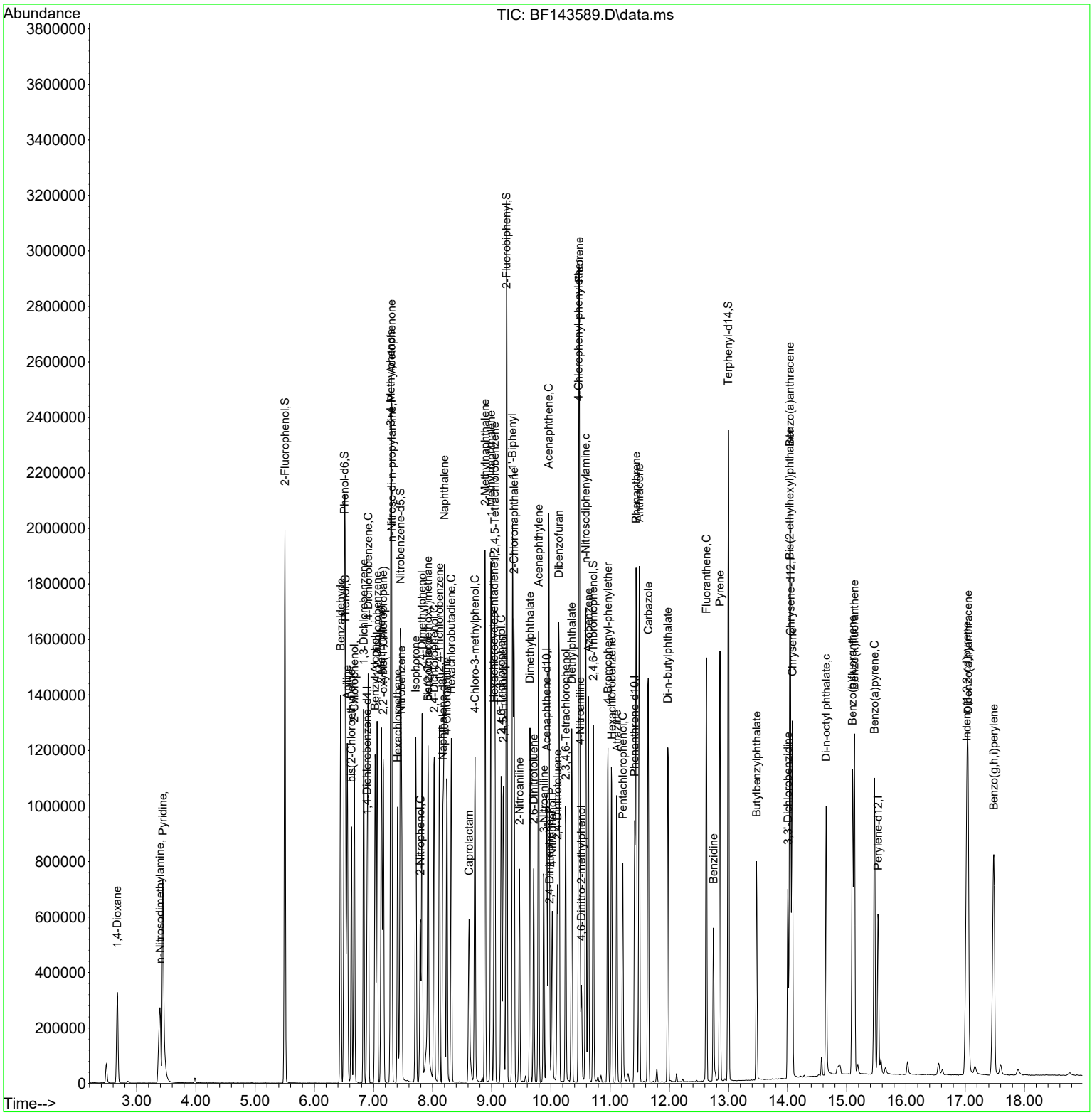
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143589.D
Acq On : 26 Aug 2025 11:06
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

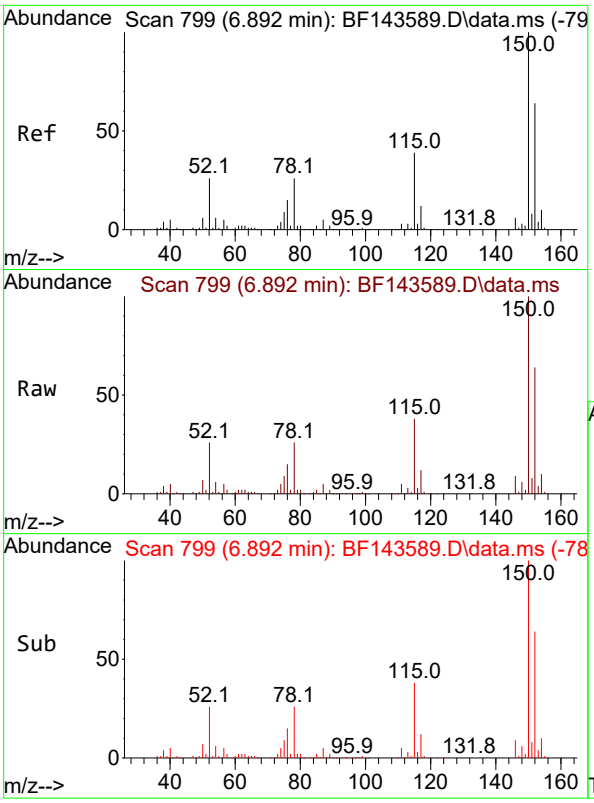
Quant Time: Aug 26 16:13:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

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

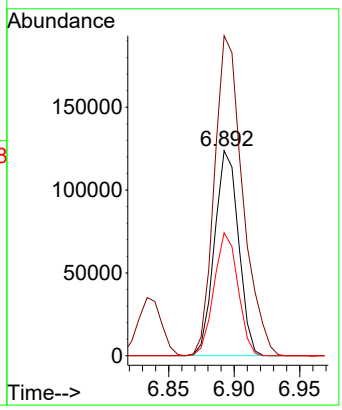




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:152 Resp: 15733

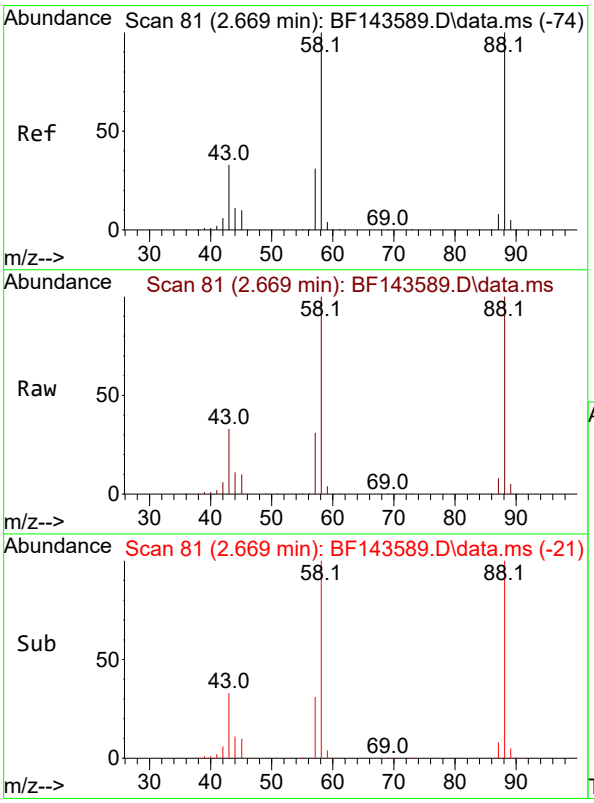
Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.9	187.3
115	60.0	48.0	72.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

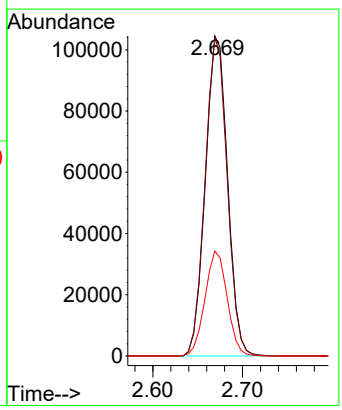
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

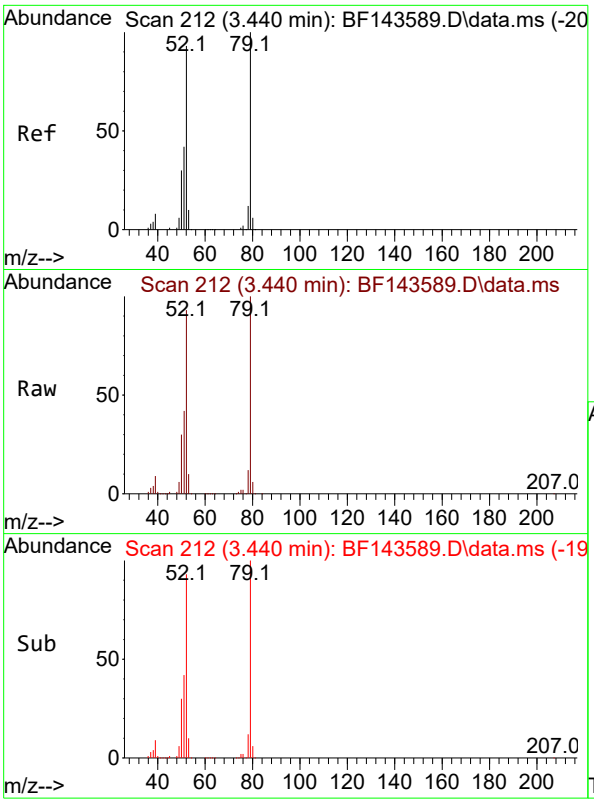


#2
1,4-Dioxane
Concen: 39.712 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion: 88 Resp: 179595

Ion	Ratio	Lower	Upper
88	100		
58	99.0	79.2	118.8
43	32.7	26.2	39.2

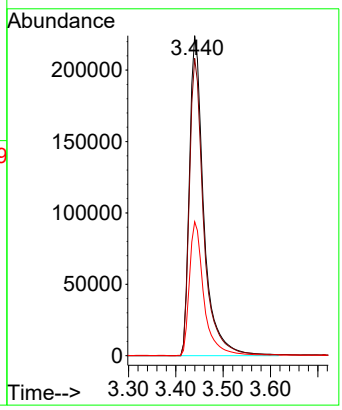




#3
Pyridine
Concen: 41.671 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion: 79 Resp: 47321

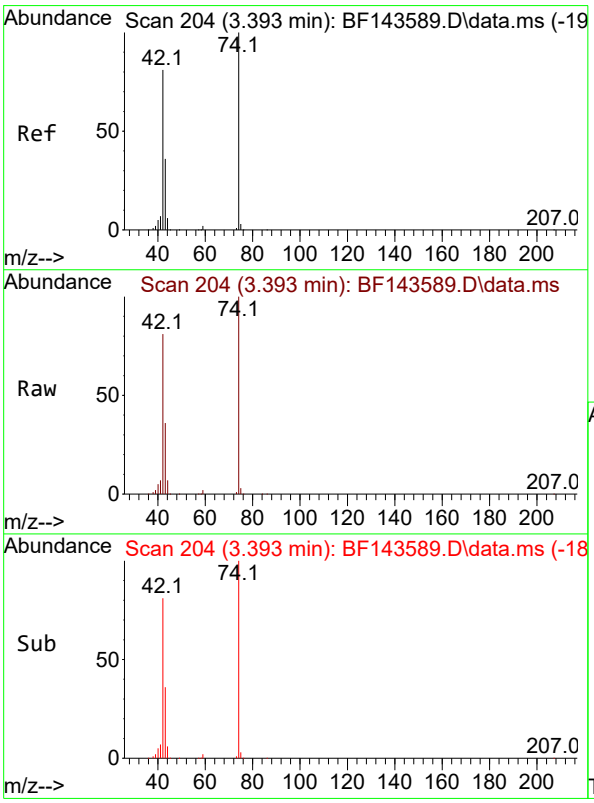
Ion	Ratio	Lower	Upper
79	100		
52	92.9	74.3	111.5
51	41.9	33.5	50.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

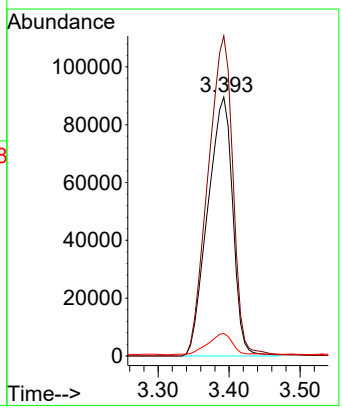
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

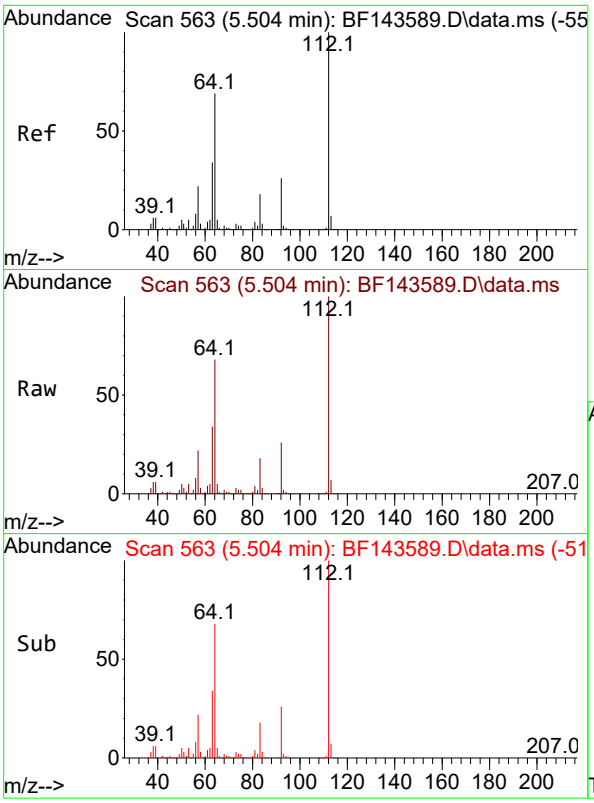


#4
n-Nitrosodimethylamine
Concen: 40.488 ng
RT: 3.393 min Scan# 204
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion: 42 Resp: 218791

Ion	Ratio	Lower	Upper
42	100		
74	123.6	98.9	148.3
44	8.7	7.0	10.4





#5
2-Fluorophenol
Concen: 78.422 ng
RT: 5.504 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

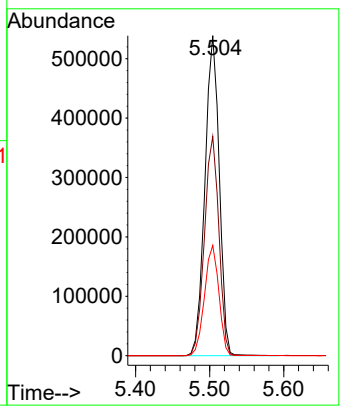
Tgt Ion:112 Resp: 72494

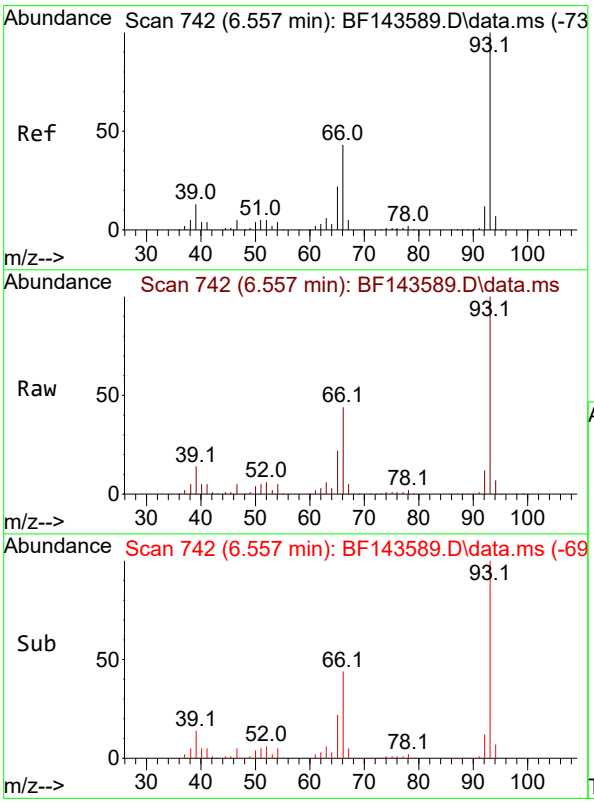
Ion	Ratio	Lower	Upper
112	100		
64	68.5	54.8	82.2
63	34.5	27.6	41.4

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

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

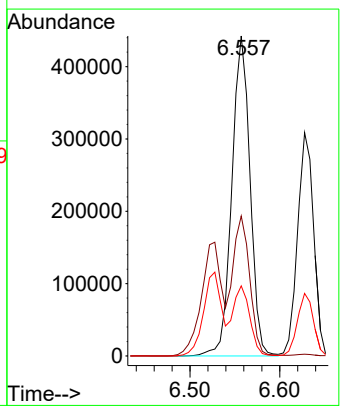


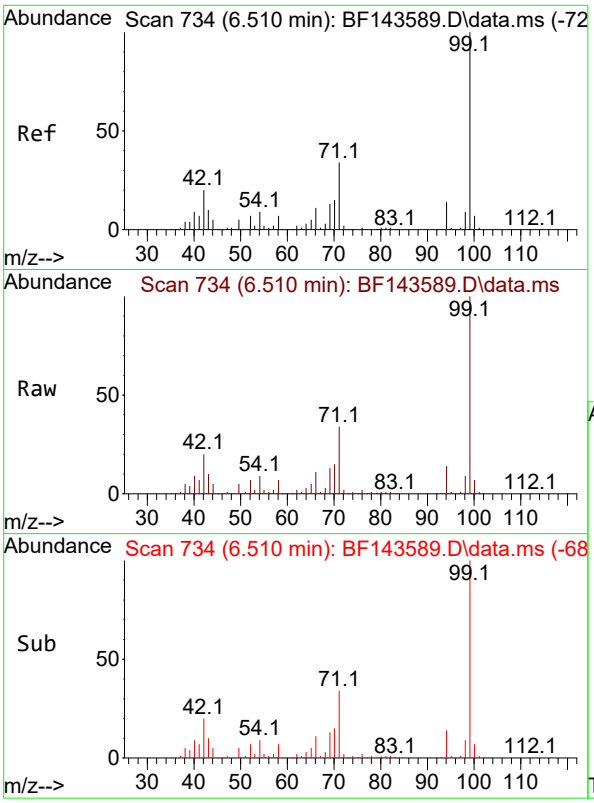


#6
Aniline
Concen: 38.989 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion: 93 Resp: 623194

Ion	Ratio	Lower	Upper
93	100		
66	43.7	35.0	52.4
65	21.9	17.5	26.3

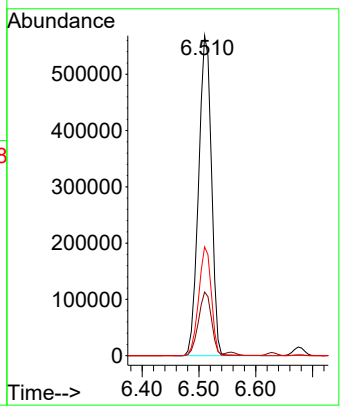




#7
Phenol-d6
Concen: 78.152 ng
RT: 6.510 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion: 99 Resp: 89479

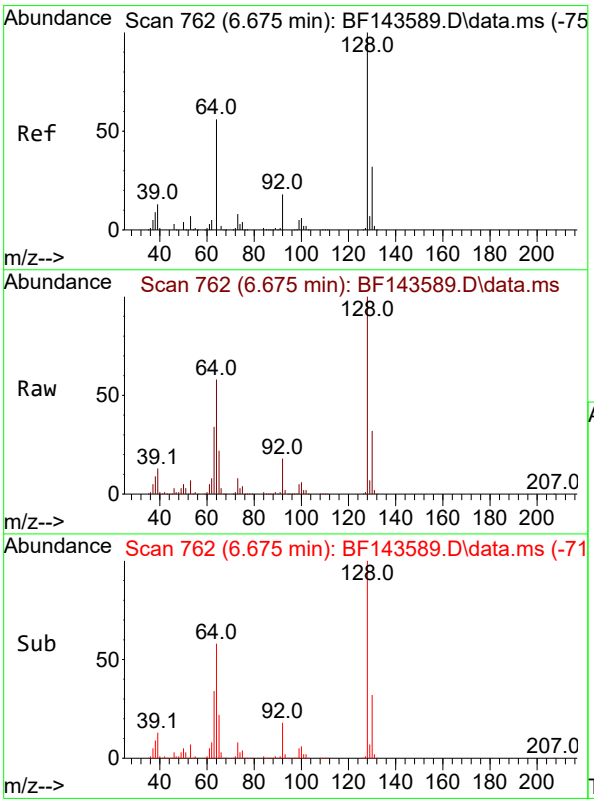
Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.9	23.9
71	34.0	27.2	40.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

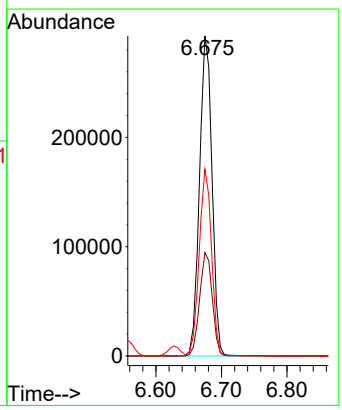
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

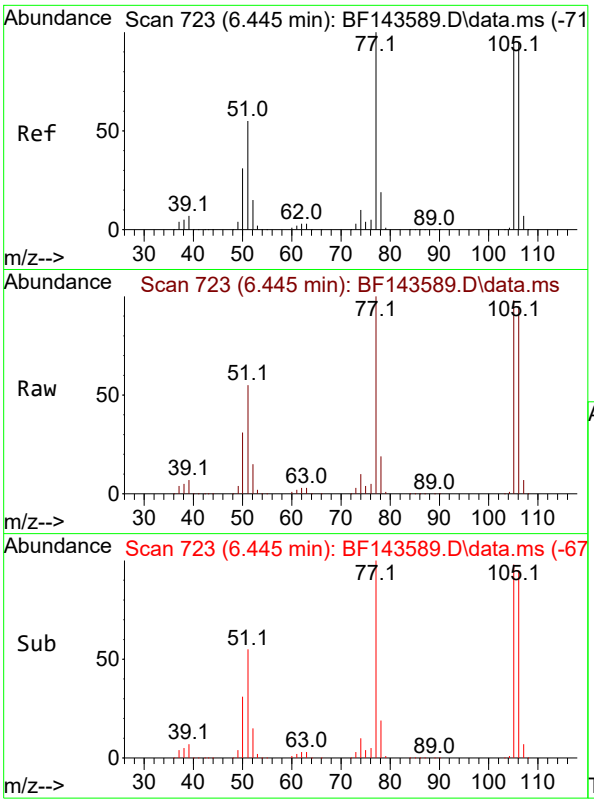


#8
2-Chlorophenol
Concen: 39.849 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:128 Resp: 389729

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.3	52.3
64	58.4	38.4	78.4

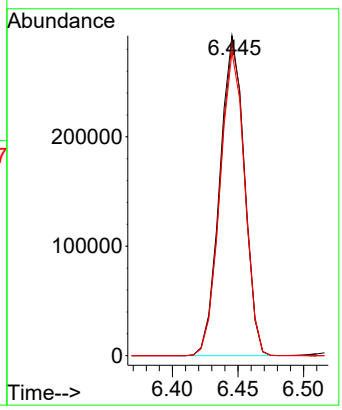




#9
Benzaldehyde
Concen: 44.142 ng
RT: 6.445 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion: 77 Resp: 38028

Ion	Ratio	Lower	Upper
77	100		
105	97.9	77.9	117.9
106	94.9	74.9	114.9



Instrument :
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ClientSampleId :
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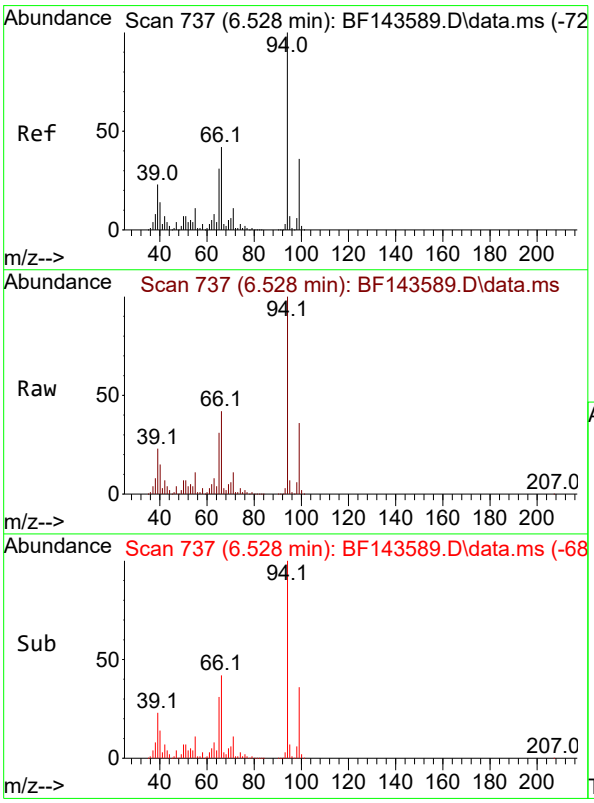
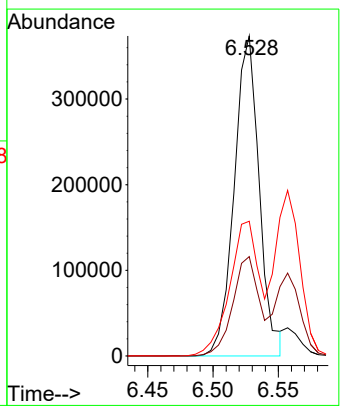
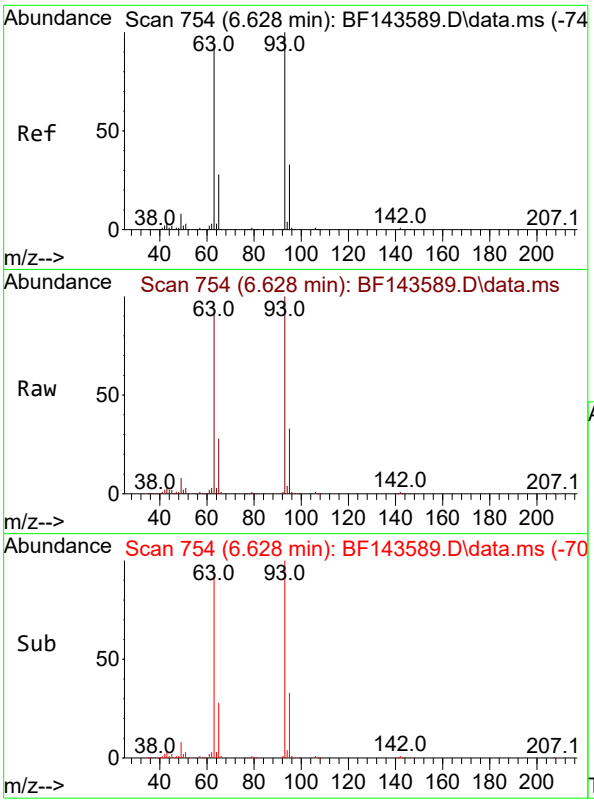


#10
Phenol
Concen: 38.807 ng m
RT: 6.528 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion: 94 Resp: 498340

Ion	Ratio	Lower	Upper
94	100		
65	31.0	11.0	51.0
66	42.1	22.1	62.1

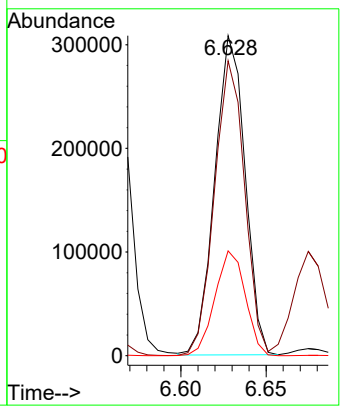




#11
bis(2-Chloroethyl)ether
Concen: 38.728 ng
RT: 6.628 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion: 93 Resp: 38108

Ion	Ratio	Lower	Upper
93	100		
63	92.1	72.1	112.1
95	32.8	12.8	52.8



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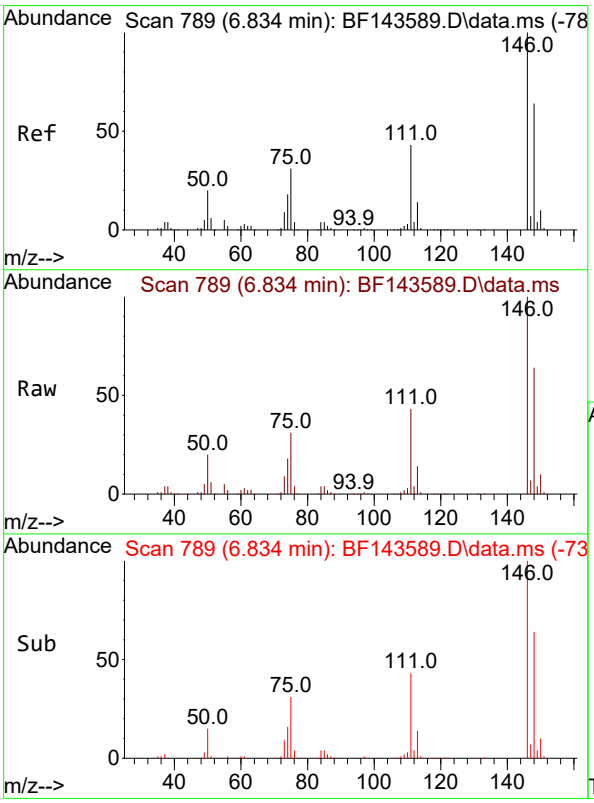
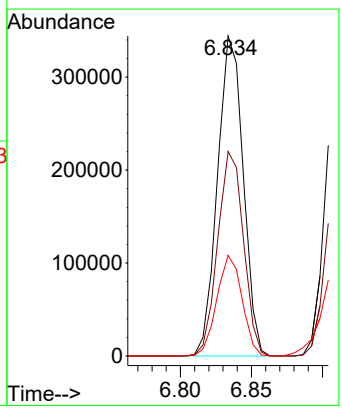
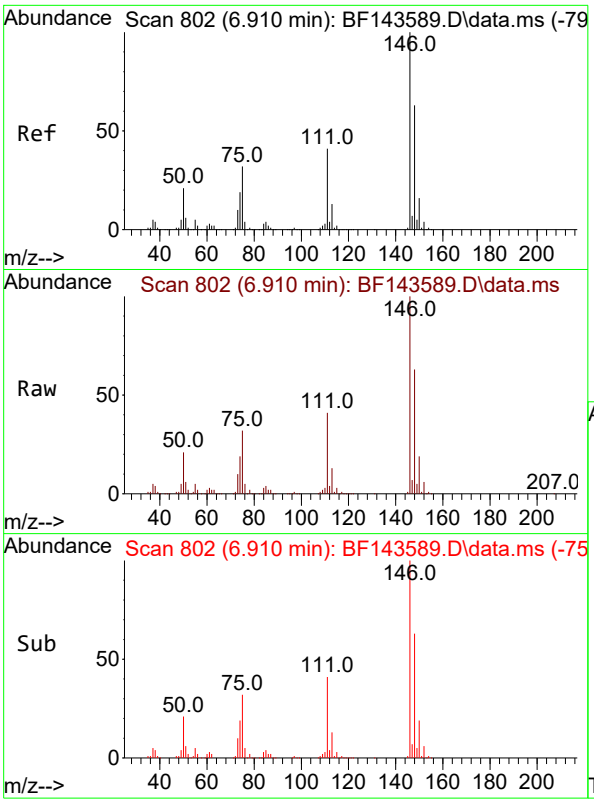


#12
1,3-Dichlorobenzene
Concen: 38.600 ng
RT: 6.834 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:146 Resp: 433636

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
75	31.5	25.2	37.8

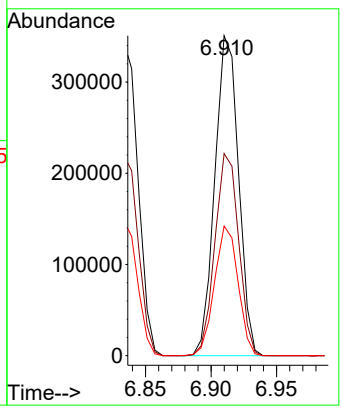




#13
1,4-Dichlorobenzene
Concen: 38.897 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:146 Resp: 44061

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	75.8
111	40.5	32.4	48.6



Instrument :
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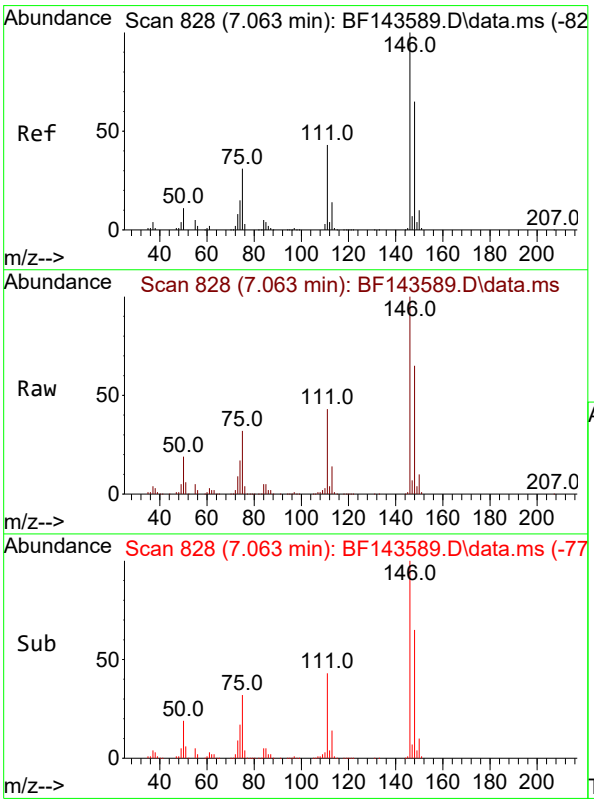
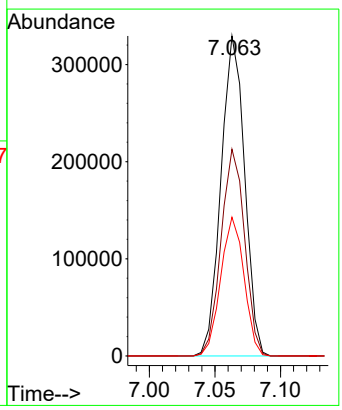
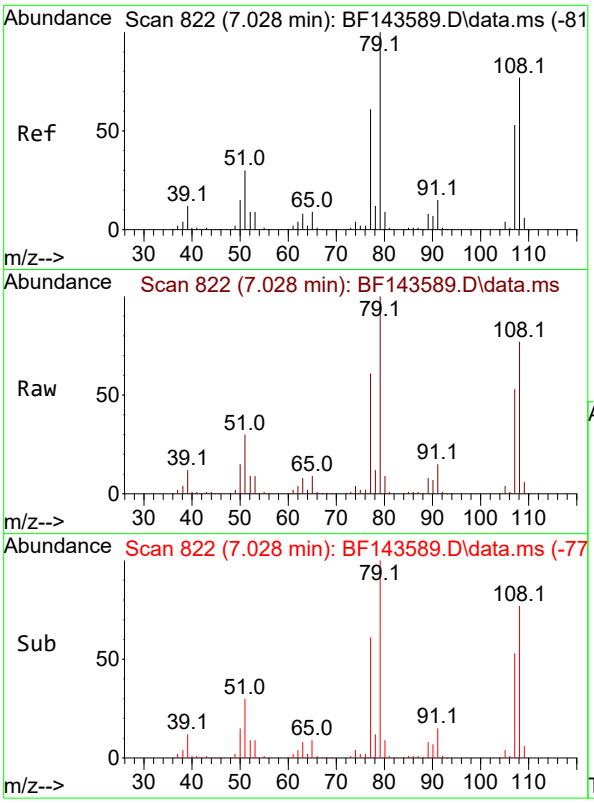


#14
1,2-Dichlorobenzene
Concen: 38.437 ng
RT: 7.063 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:146 Resp: 412999

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.7	77.5
111	43.4	34.7	52.1





#15
Benzyl Alcohol
Concen: 39.883 ng
RT: 7.028 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion: 79 Resp: 34222

Ion	Ratio	Lower	Upper
79	100		
108	76.6	61.3	91.9
77	60.9	48.7	73.1

Instrument :
BNA_F
ClientSampleId :
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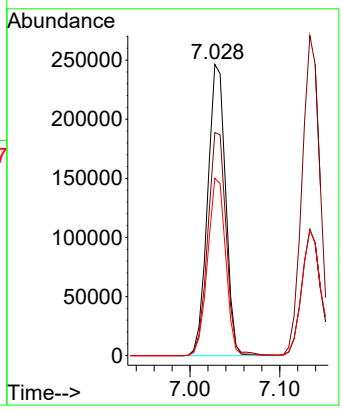
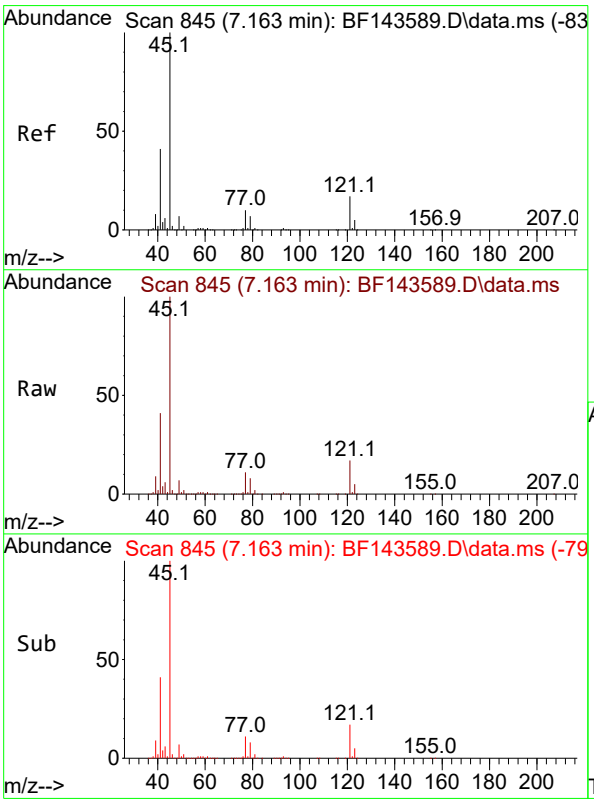
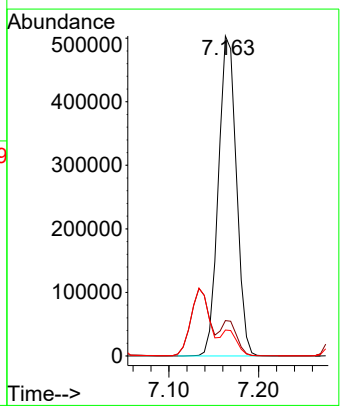


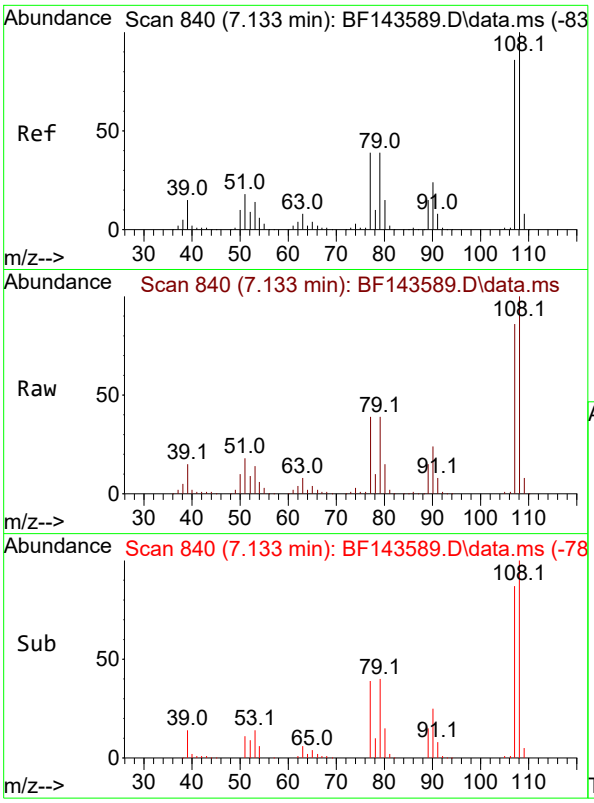


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.514 ng
RT: 7.163 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion: 45 Resp: 699533

Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	31.1
79	8.1	0.0	28.1

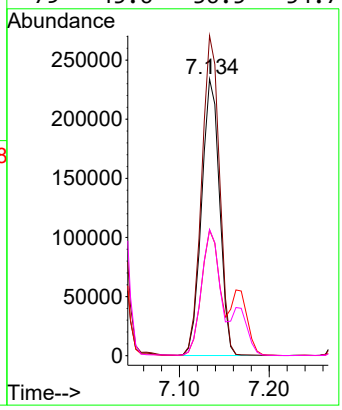




#17
2-Methylphenol
Concen: 39.088 ng
RT: 7.133 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:107 Resp: 32453

Ion	Ratio	Lower	Upper
107	100		
108	115.7	92.6	138.8
77	45.4	36.3	54.5
79	45.6	36.5	54.7



Instrument :
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ClientSampleId :
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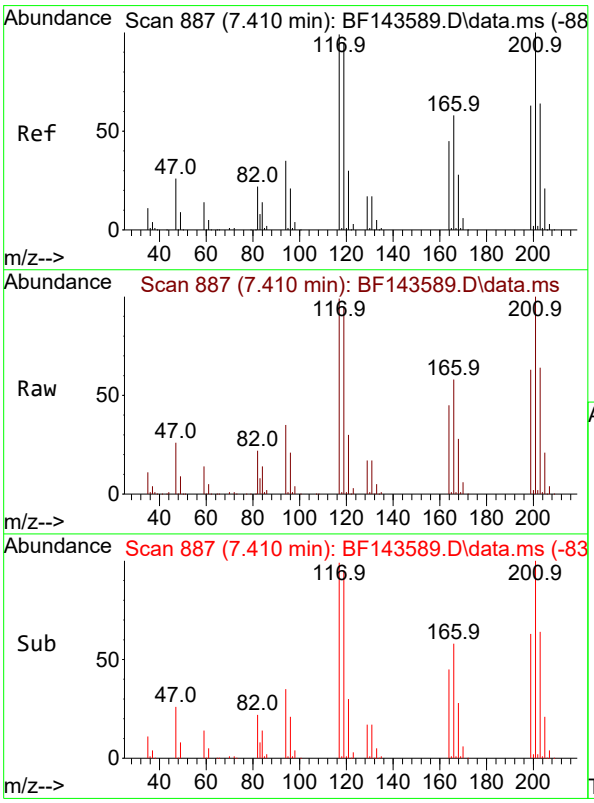
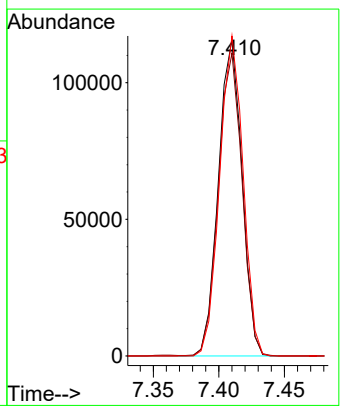
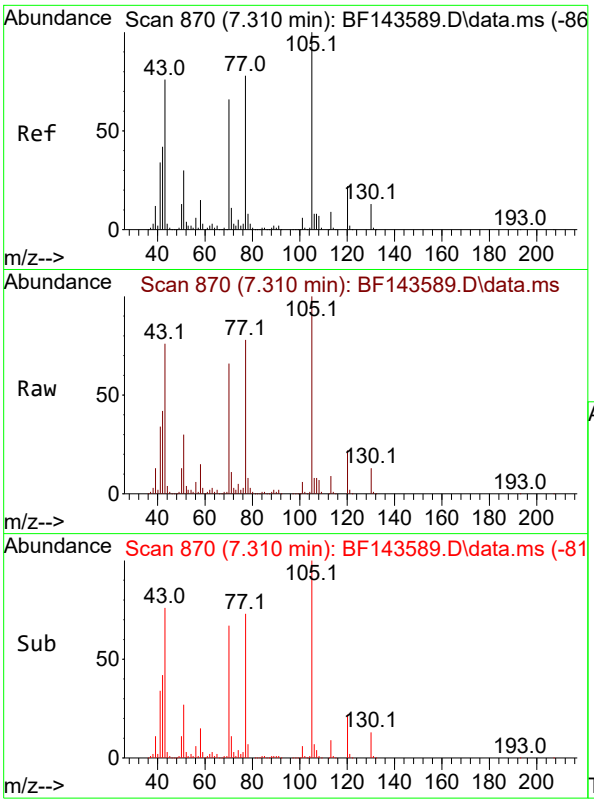


#18
Hexachloroethane
Concen: 40.234 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:117 Resp: 144818

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.6	115.0
201	101.2	81.0	121.4

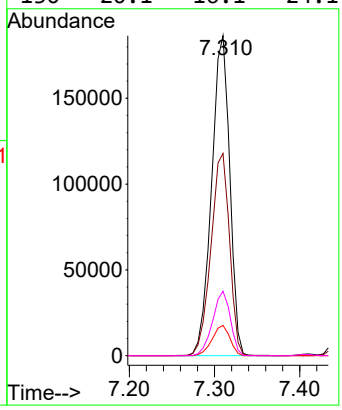




#19
n-Nitroso-di-n-propylamine
Concen: 37.988 ng
RT: 7.310 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion: 70 Resp: 27553

Ion	Ratio	Lower	Upper
70	100		
42	63.2	50.6	75.8
101	9.4	7.5	11.3
130	20.1	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
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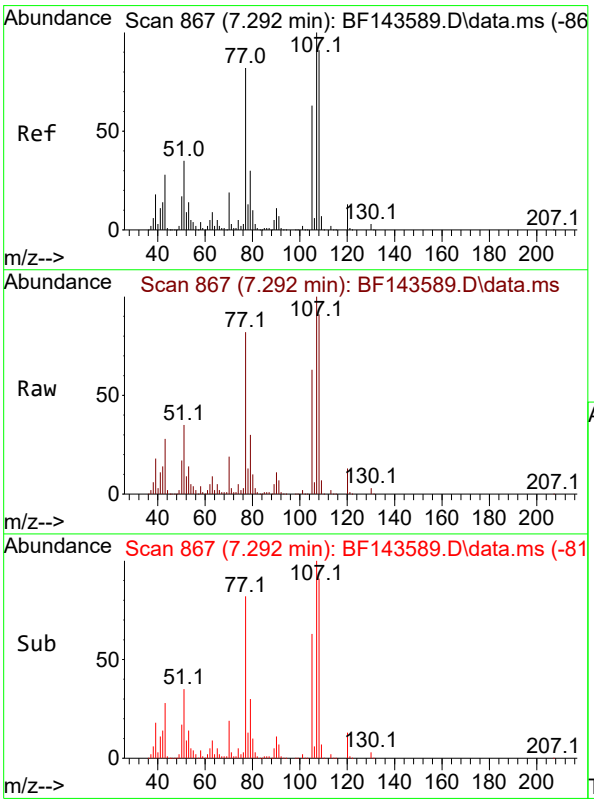
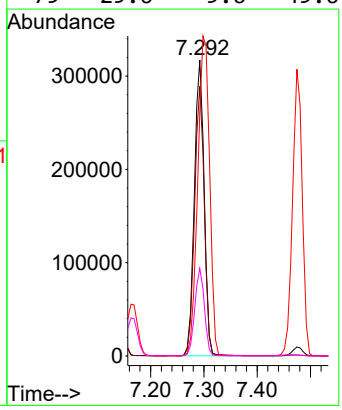
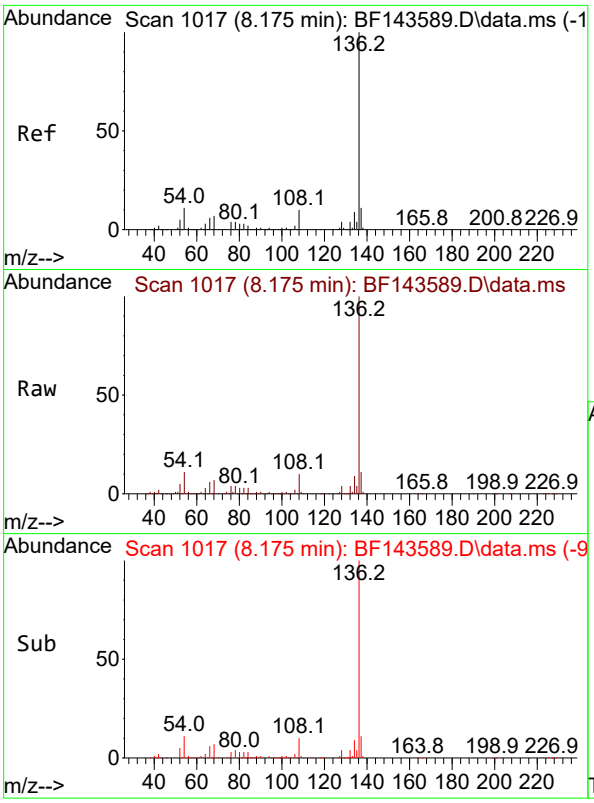


#20
3+4-Methylphenols
Concen: 39.746 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:107 Resp: 405303

Ion	Ratio	Lower	Upper
107	100		
108	91.1	71.1	111.1
77	82.5	62.5	102.5
79	29.6	9.6	49.6

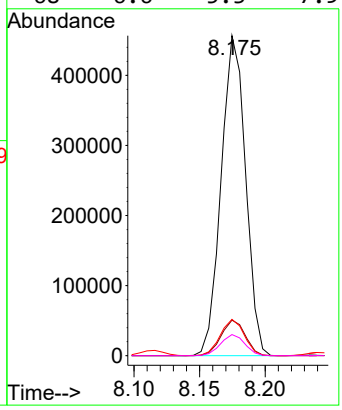




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:136 Resp: 59127

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	11.3	9.0	13.6
68	6.6	5.3	7.9



Instrument :
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ClientSampleId :
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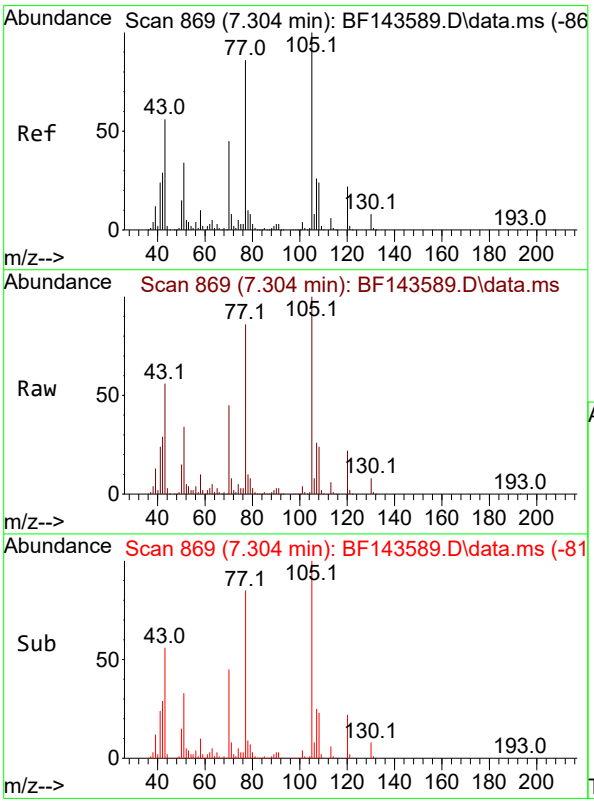
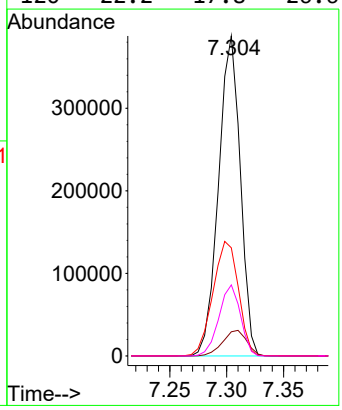
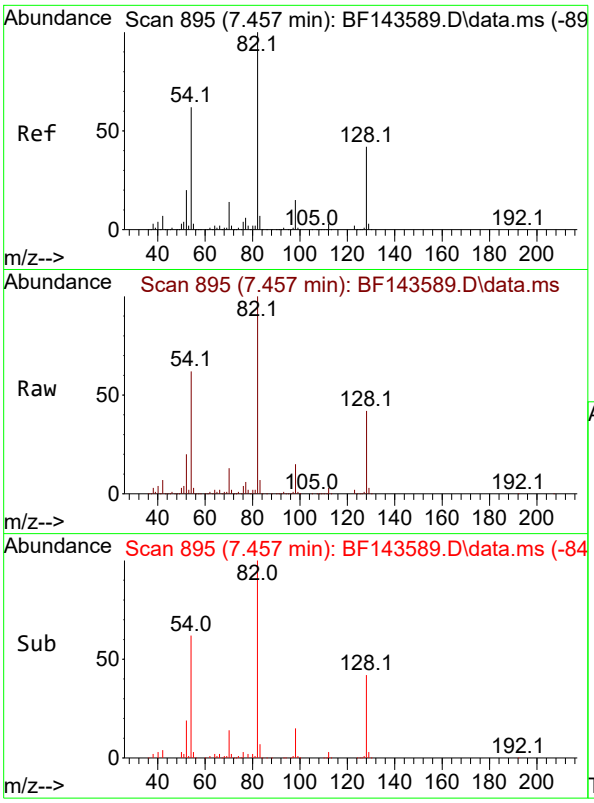


#22
Acetophenone
Concen: 38.780 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:105 Resp: 516387

Ion	Ratio	Lower	Upper
105	100		
71	7.5	6.0	9.0
51	33.8	27.0	40.6
120	22.2	17.8	26.6





#23
Nitrobenzene-d5
Concen: 83.669 ng
RT: 7.457 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion: 82 Resp: 69286

Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.4	50.2
54	61.6	49.3	73.9

Instrument :
BNA_F
ClientSampleId :
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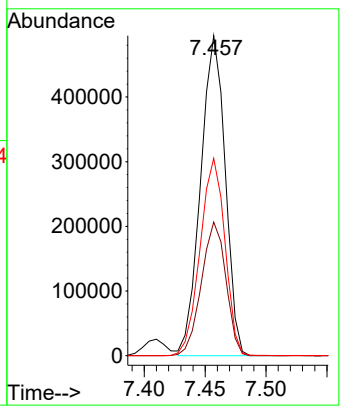
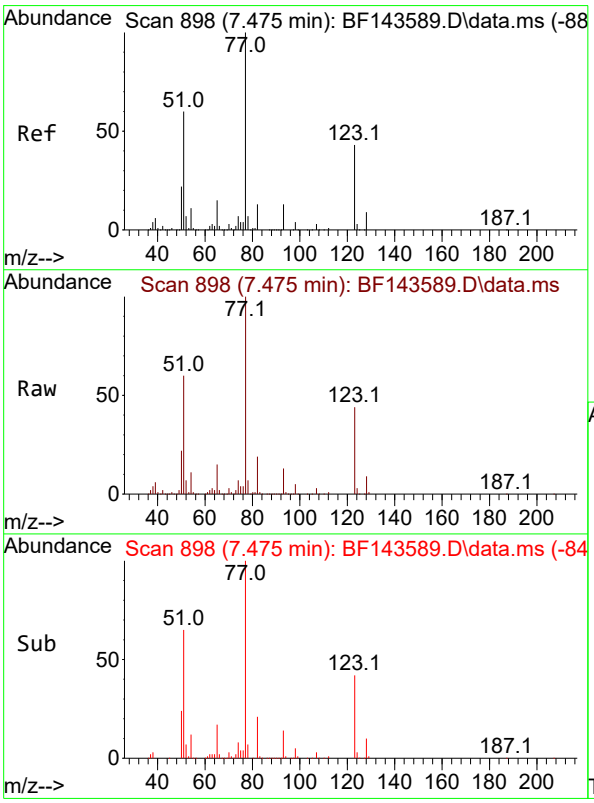
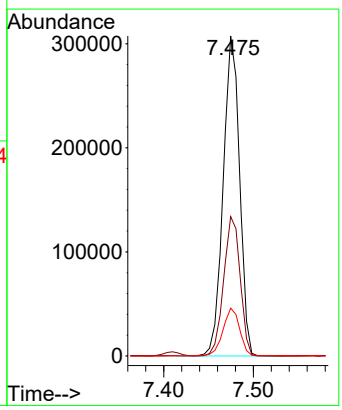


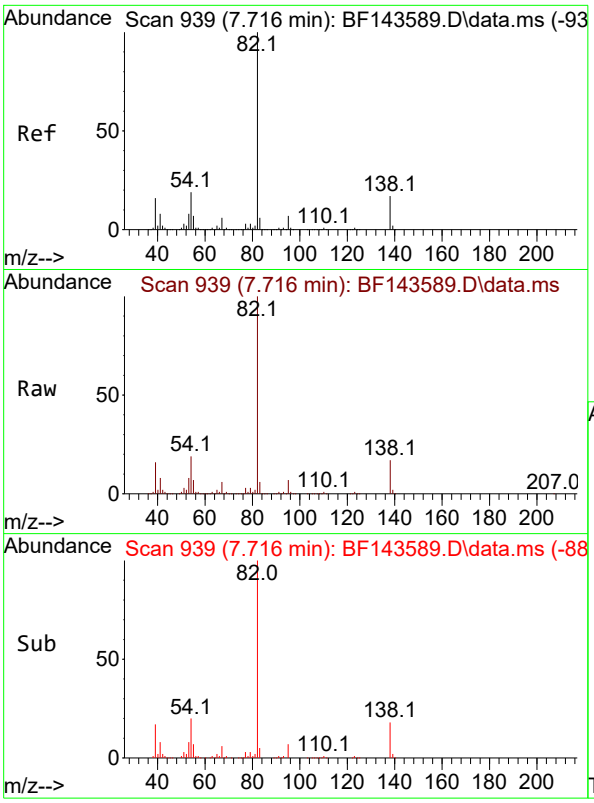


#24
Nitrobenzene
Concen: 43.918 ng
RT: 7.475 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion: 77 Resp: 389907

Ion	Ratio	Lower	Upper
77	100		
123	43.6	34.9	52.3
65	15.0	12.0	18.0





#25
Isophorone
Concen: 39.355 ng
RT: 7.716 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion: 82 Resp: 76266

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.5	8.3
138	17.3	13.8	20.8

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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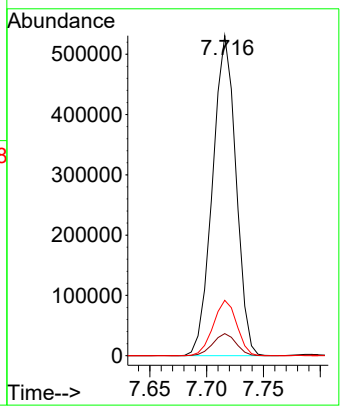
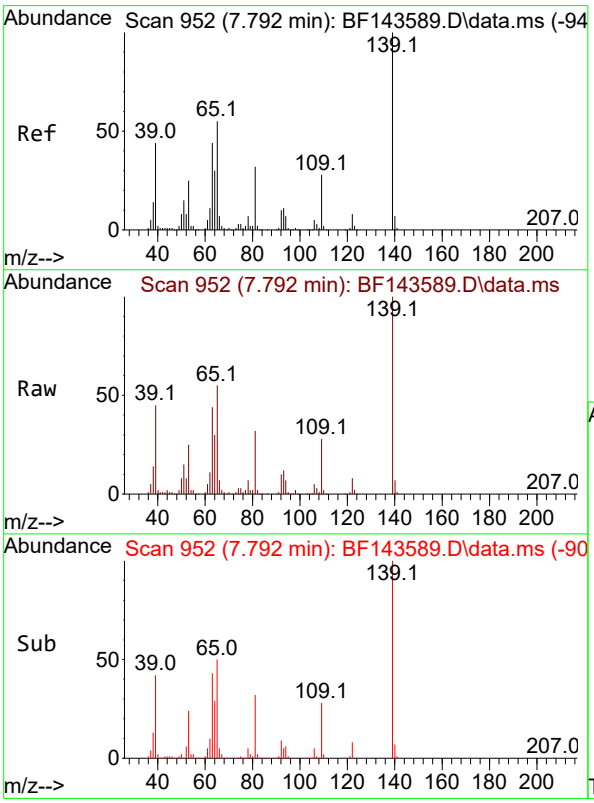
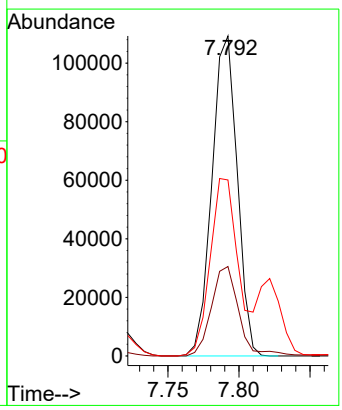


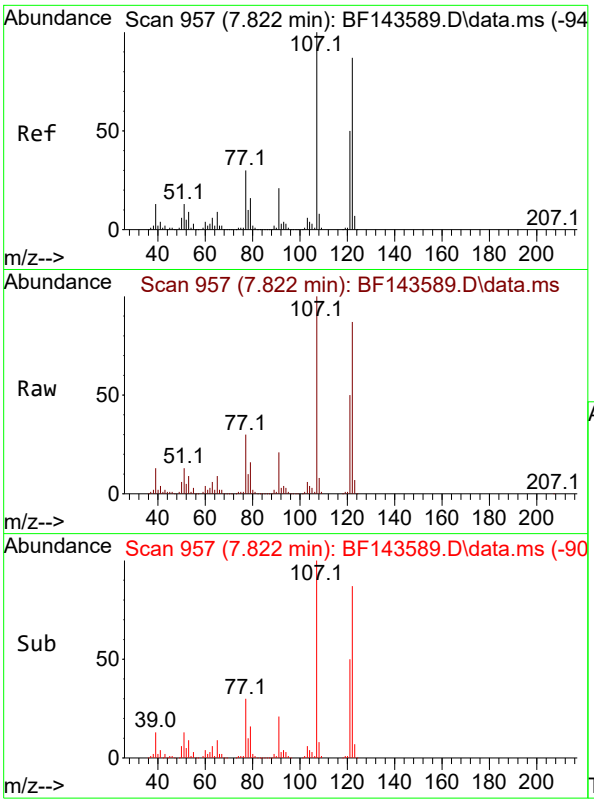


#26
2-Nitrophenol
Concen: 39.642 ng
RT: 7.792 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:139 Resp: 135383

Ion	Ratio	Lower	Upper
139	100		
109	27.9	22.3	33.5
65	55.0	44.0	66.0

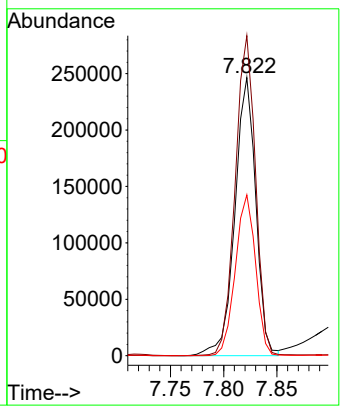




#27
2,4-Dimethylphenol
Concen: 40.021 ng
RT: 7.822 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:122 Resp: 33744

Ion	Ratio	Lower	Upper
122	100		
107	115.1	92.1	138.1
121	57.8	46.2	69.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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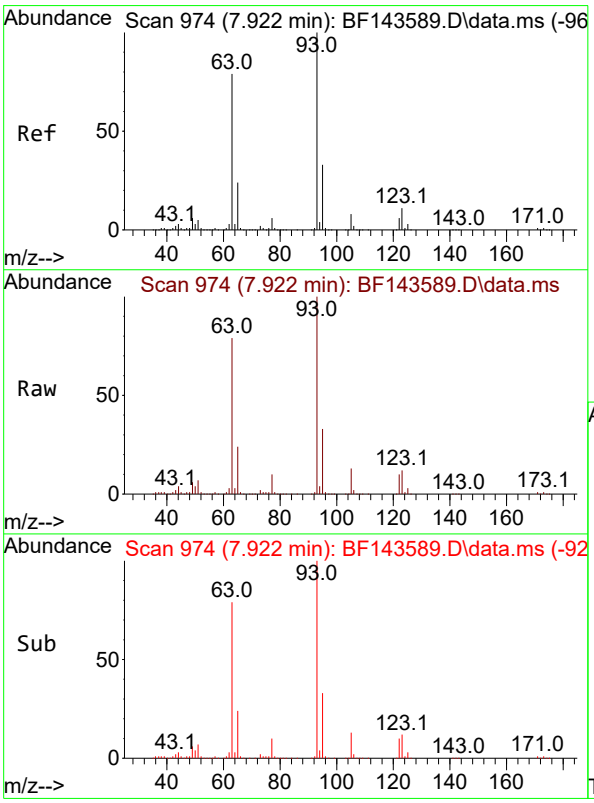
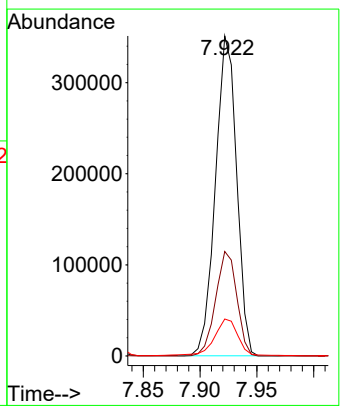
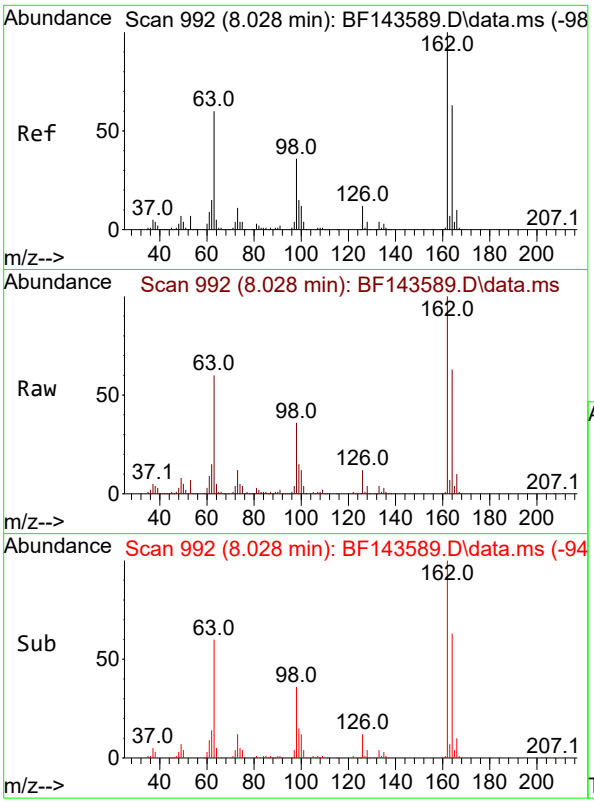


#28
bis(2-Chloroethoxy)methane
Concen: 38.827 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion: 93 Resp: 455240

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.2
123	11.6	9.3	13.9





#29
2,4-Dichlorophenol
Concen: 41.347 ng
RT: 8.028 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:162 Resp: 33589

Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.3	83.3
98	36.1	16.1	56.1

Instrument :
BNA_F
ClientSampleId :
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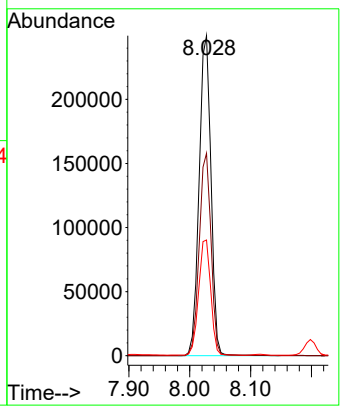
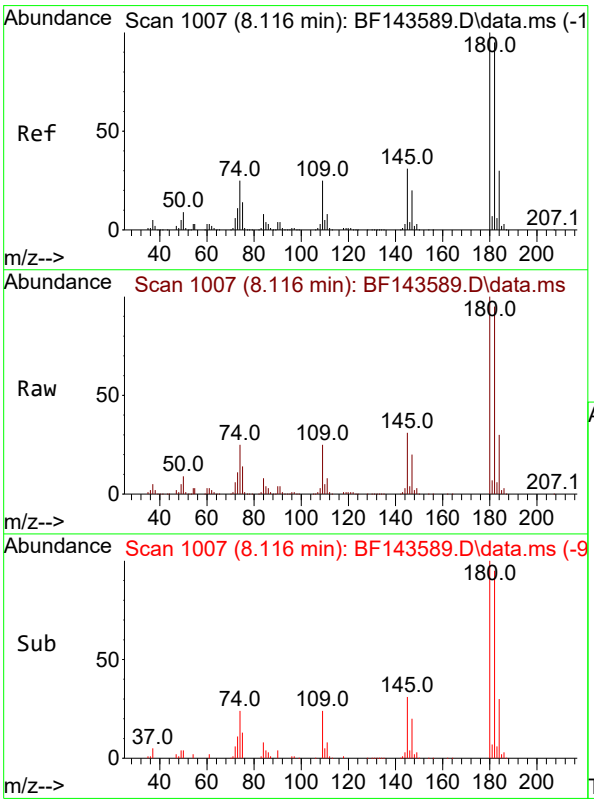
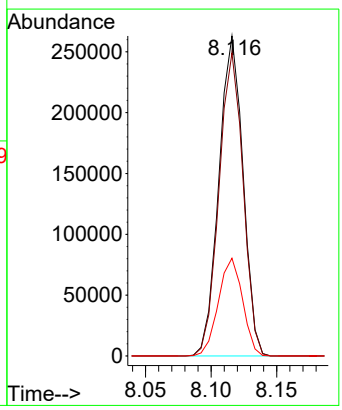


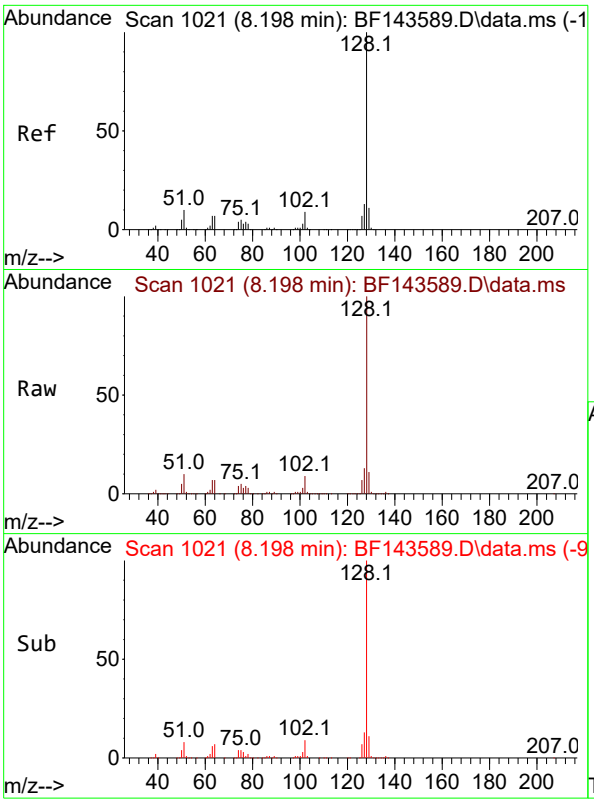


#30
1,2,4-Trichlorobenzene
Concen: 39.622 ng
RT: 8.116 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:180 Resp: 336080

Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.8	113.6
145	30.6	24.5	36.7

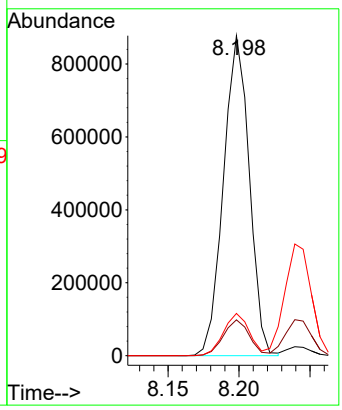




#31
Naphthalene
Concen: 38.824 ng
RT: 8.198 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:128 Resp: 110908

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.2	10.6	15.8



Instrument :
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ClientSampleId :
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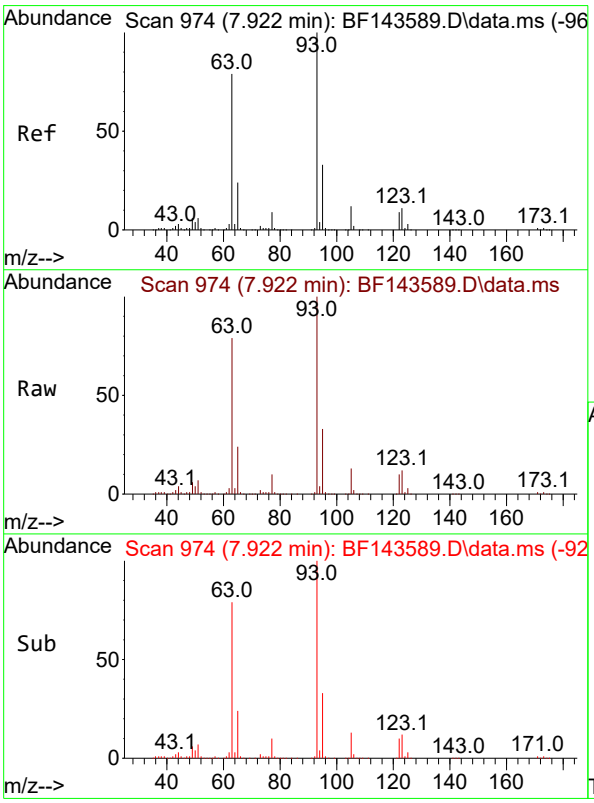
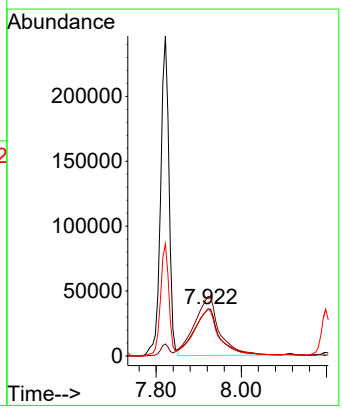
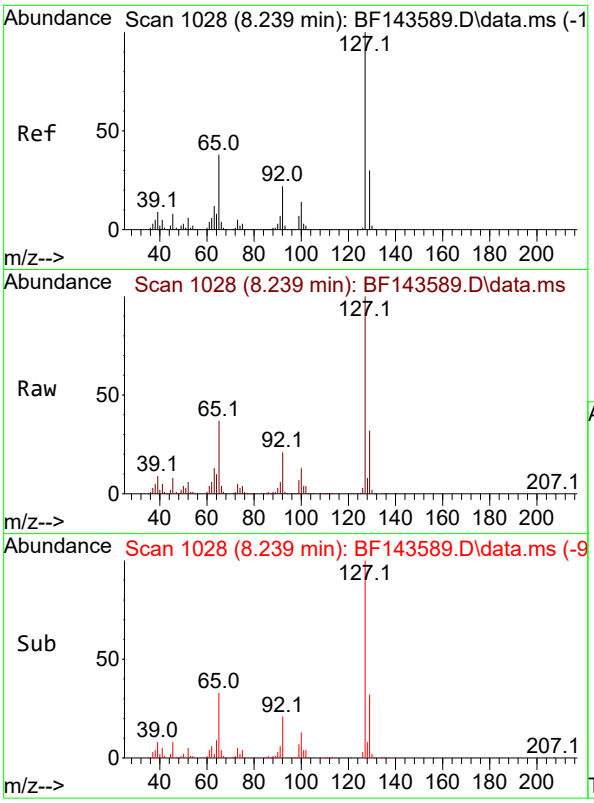


#32
Benzoic acid
Concen: 37.681 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:122 Resp: 148491

Ion	Ratio	Lower	Upper
122	100		
105	126.4	106.4	146.4
77	99.3	79.3	119.3

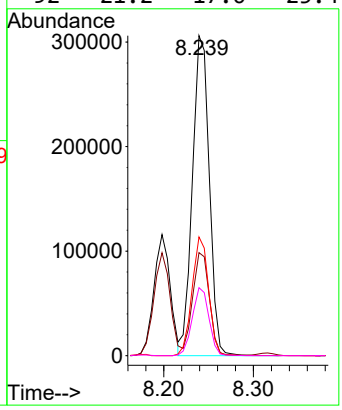




#33
4-Chloroaniline
Concen: 39.595 ng
RT: 8.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:127 Resp: 39960

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.6
65	37.1	29.7	44.5
92	21.2	17.0	25.4



Instrument :
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ClientSampleId :
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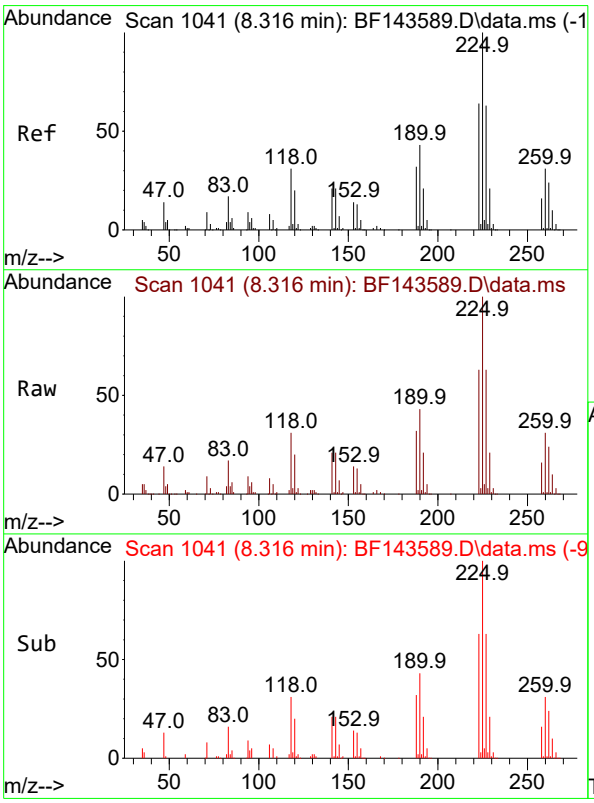
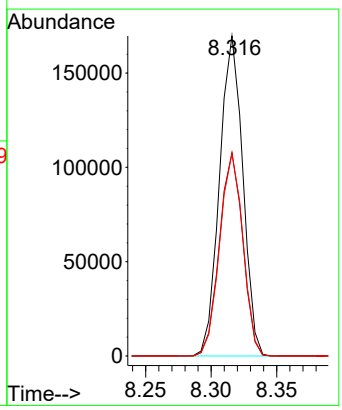
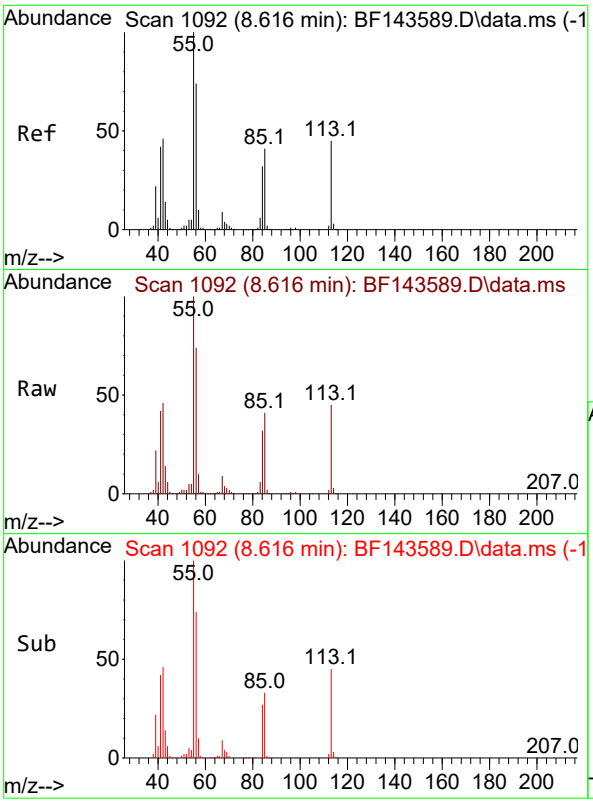


#34
Hexachlorobutadiene
Concen: 39.114 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:225 Resp: 209059

Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.8	76.2
227	63.3	50.6	76.0

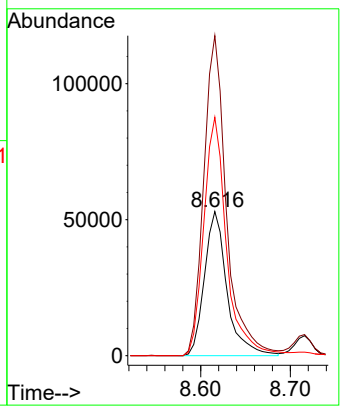




#35
Caprolactam
Concen: 40.097 ng
RT: 8.616 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:113 Resp: 9254

Ion	Ratio	Lower	Upper
113	100		
55	222.1	202.1	242.1
56	165.4	145.4	185.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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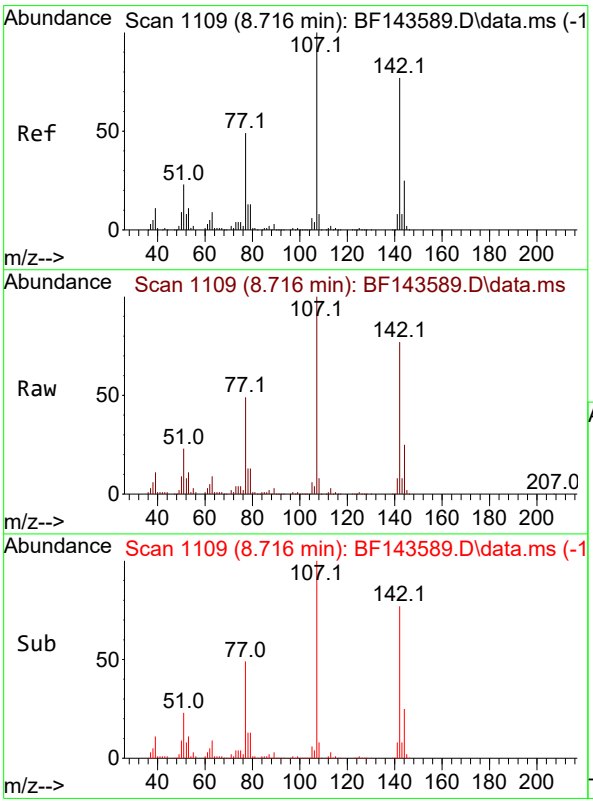
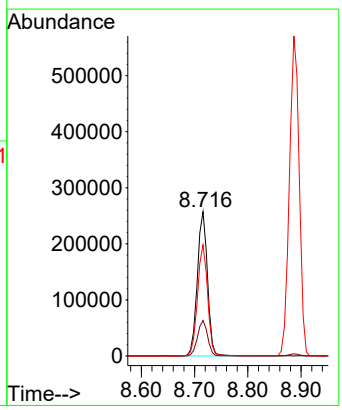
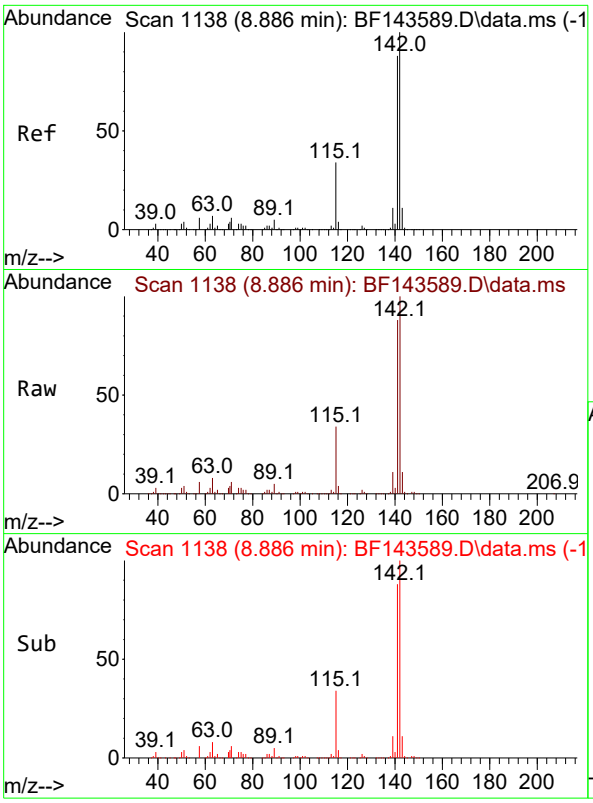


#36
4-Chloro-3-methylphenol
Concen: 40.089 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:107 Resp: 340489

Ion	Ratio	Lower	Upper
107	100		
144	24.7	19.8	29.6
142	77.1	61.7	92.5





#37
2-Methylnaphthalene
Concen: 38.577 ng
RT: 8.886 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:142 Resp: 72778

Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.2	105.4

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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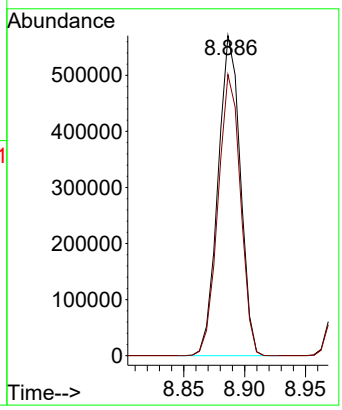
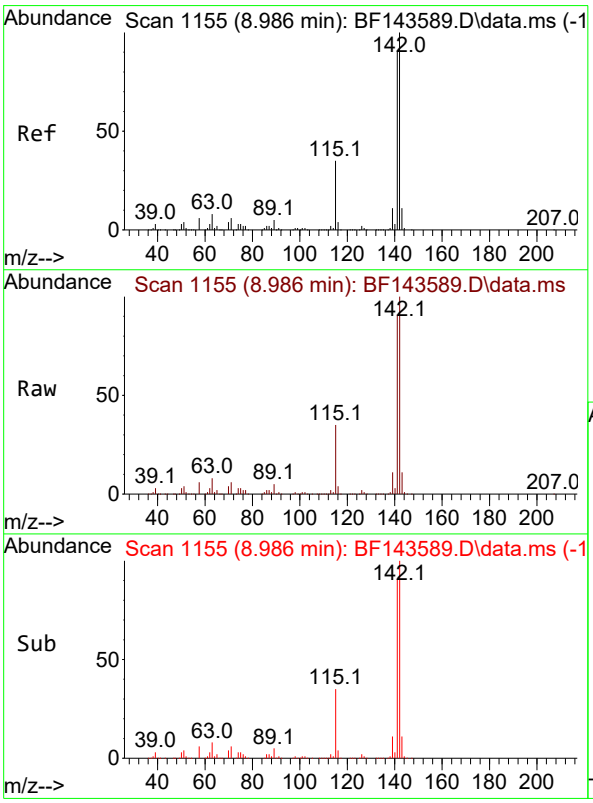
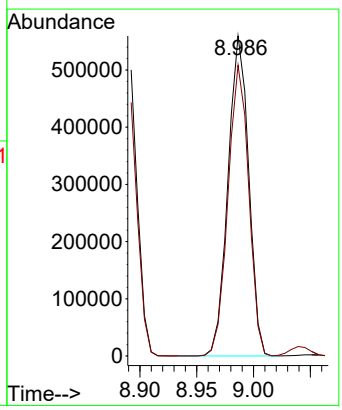


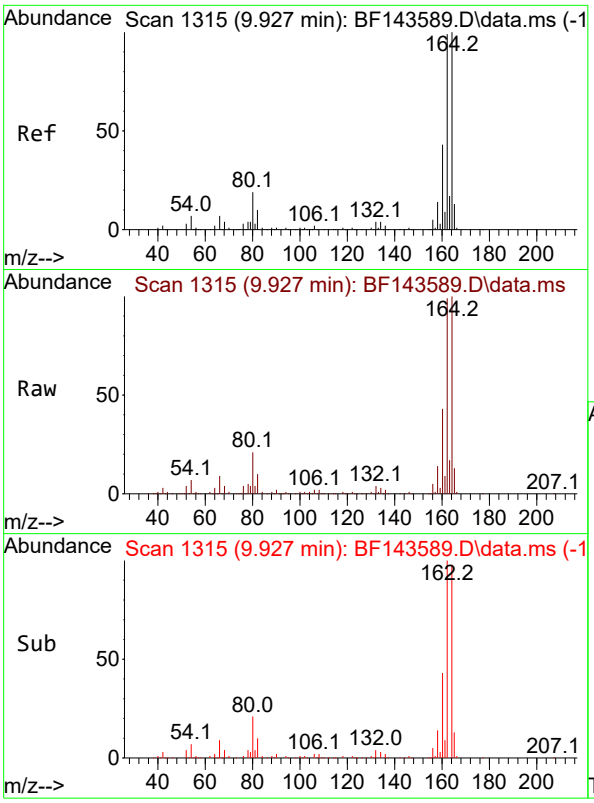


#38
1-Methylnaphthalene
Concen: 38.906 ng
RT: 8.986 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:142 Resp: 708381

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.6	109.0

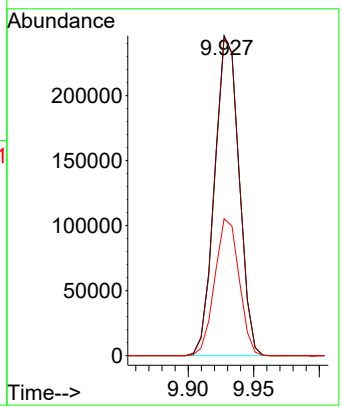




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:164 Resp: 31852

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.5	119.3
160	42.8	34.2	51.4



Instrument :
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ClientSampleId :
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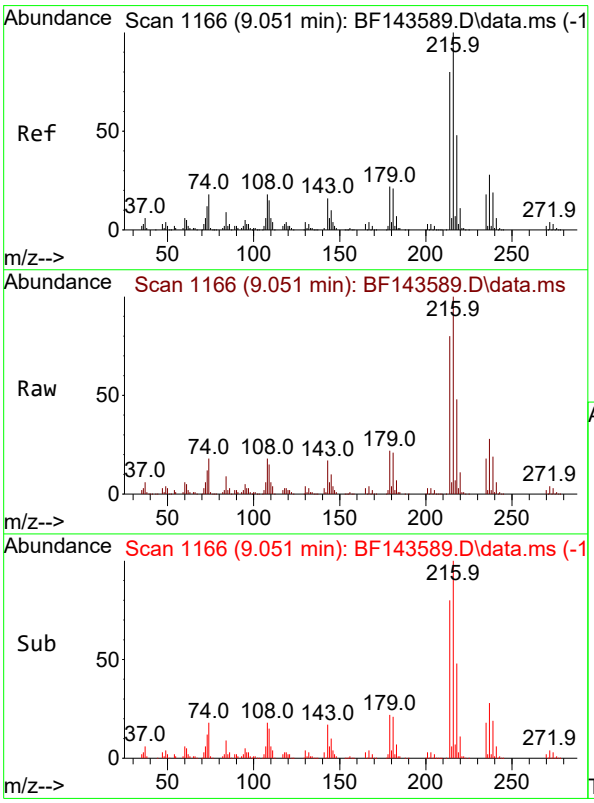
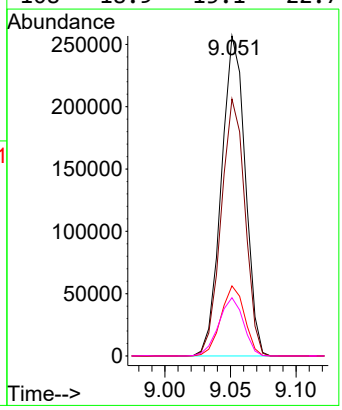
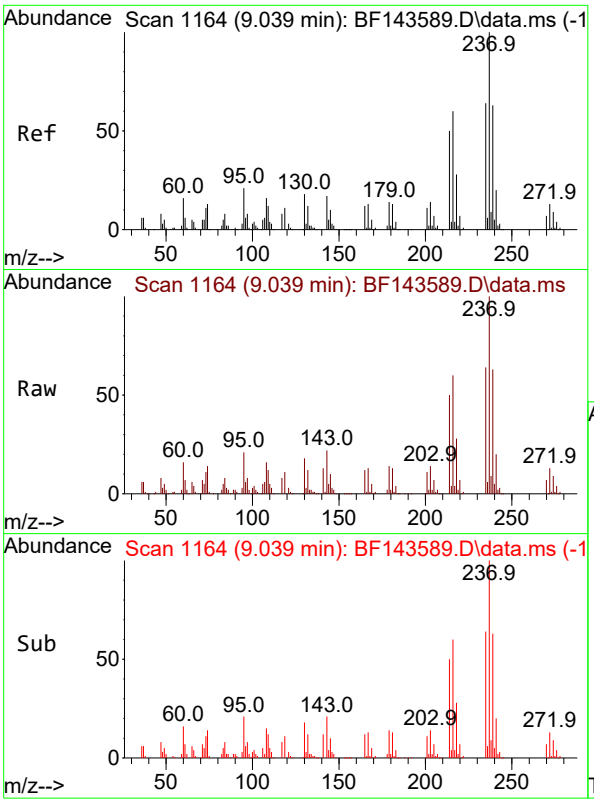


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.224 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:216 Resp: 324978

Ion	Ratio	Lower	Upper
216	100		
214	80.1	64.1	96.1
179	21.7	17.4	26.0
108	18.9	15.1	22.7





#41
Hexachlorocyclopentadiene
Concen: 41.214 ng
RT: 9.039 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 16798

Ion	Ratio	Lower	Upper
237	100		
235	63.8	43.8	83.8
272	12.8	0.0	32.8

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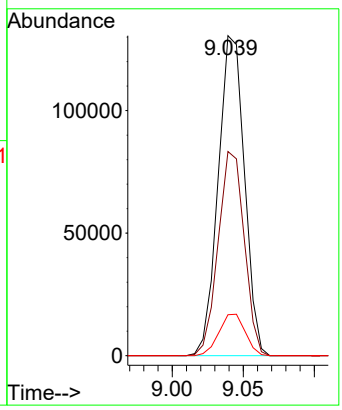
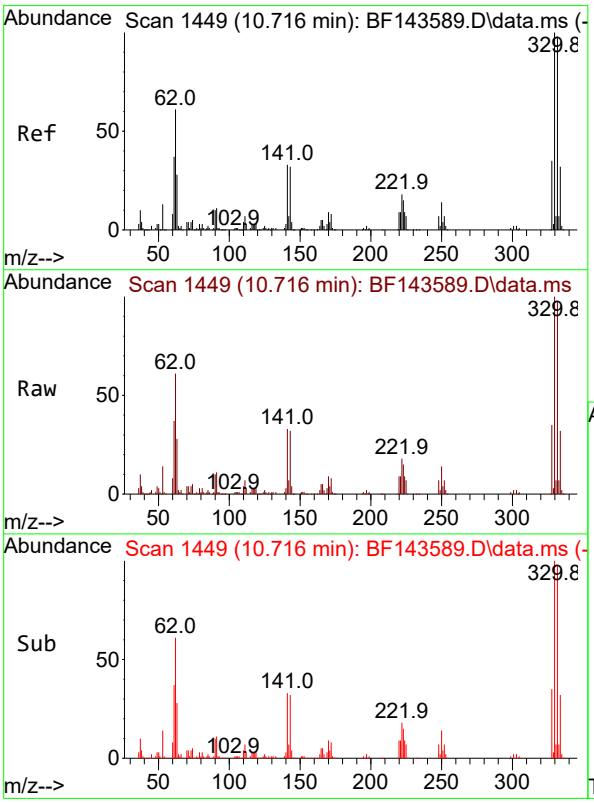
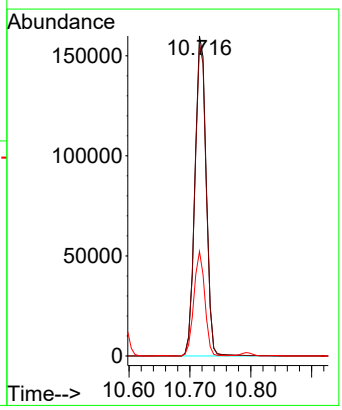


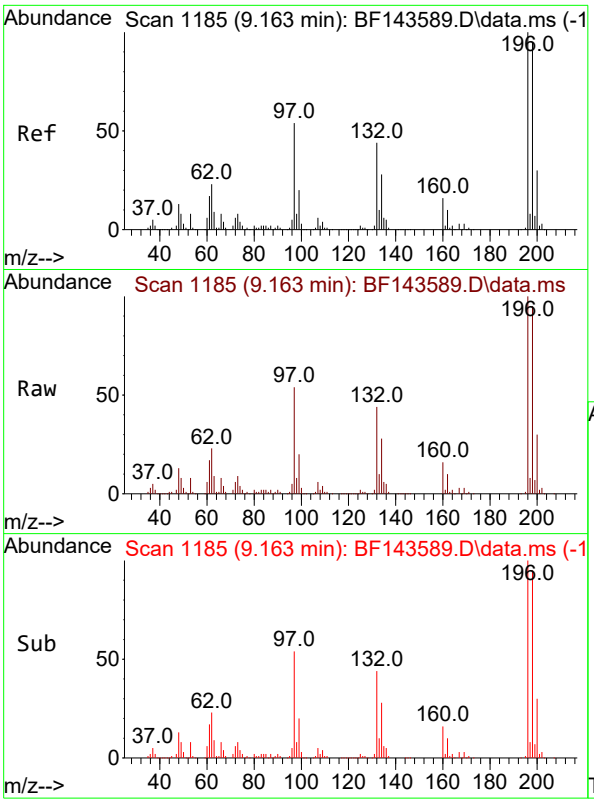


#42
2,4,6-Tribromophenol
Concen: 82.636 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:330 Resp: 205843

Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.2	117.4
141	31.7	25.4	38.0





#43
2,4,6-Trichlorophenol
Concen: 43.532 ng
RT: 9.163 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:196 Resp: 23833

Ion	Ratio	Lower	Upper
196	100		
198	94.7	75.8	113.6
200	30.3	24.2	36.4

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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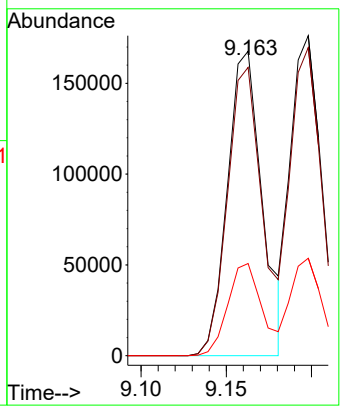
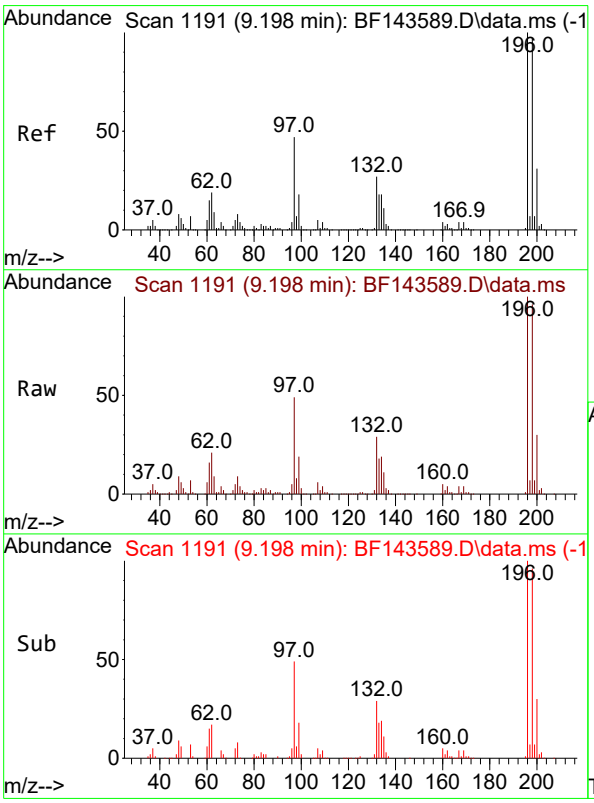
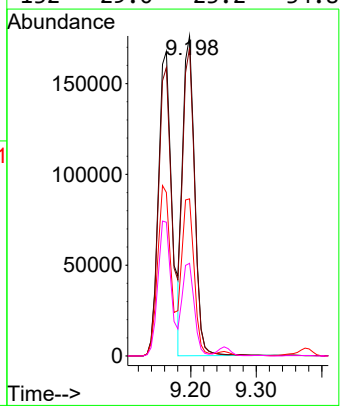


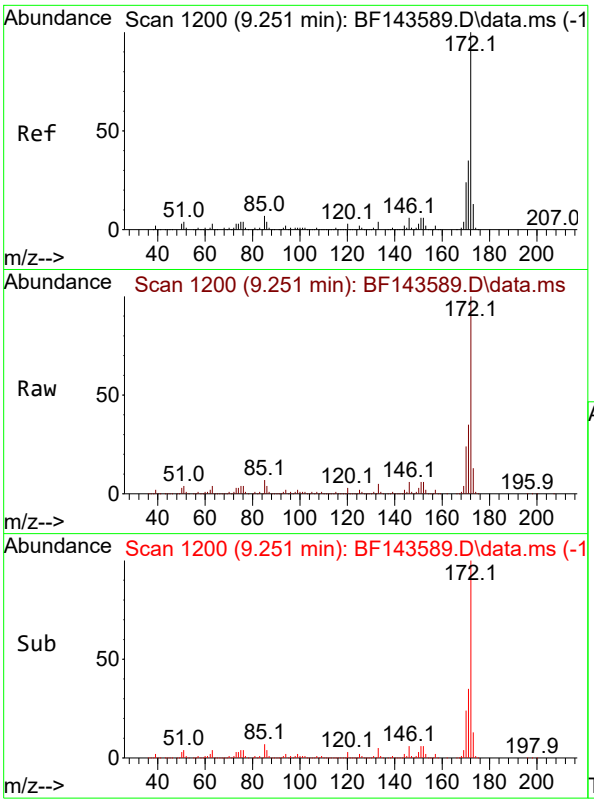


#44
2,4,5-Trichlorophenol
Concen: 40.650 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:196 Resp: 224880

Ion	Ratio	Lower	Upper
196	100		
198	96.3	77.0	115.6
97	49.1	39.3	58.9
132	29.0	23.2	34.8

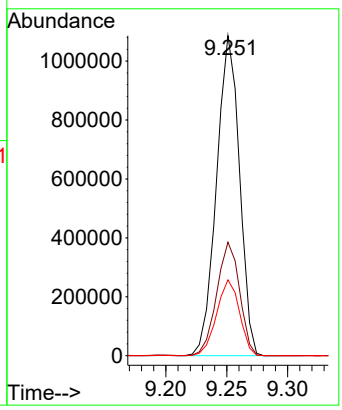




#45
2-Fluorobiphenyl
Concen: 76.584 ng
RT: 9.251 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:172 Resp: 142676

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	23.7	19.0	28.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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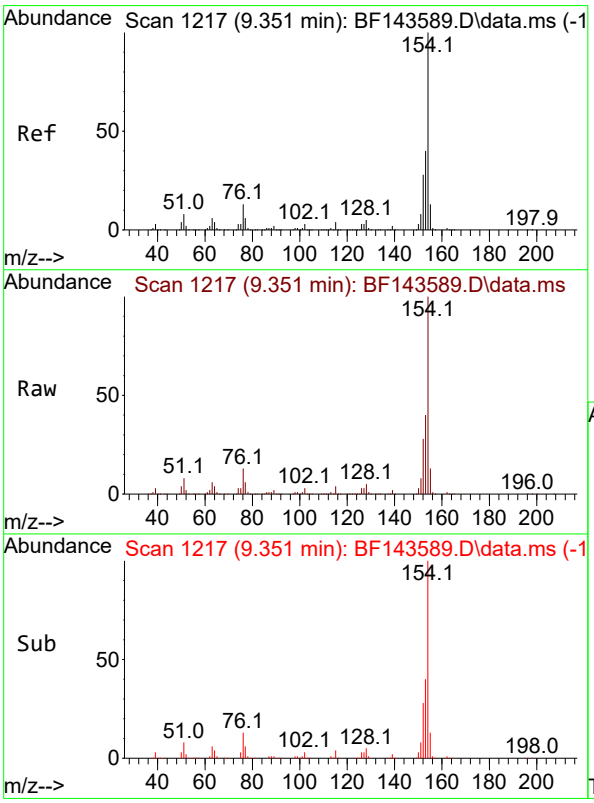
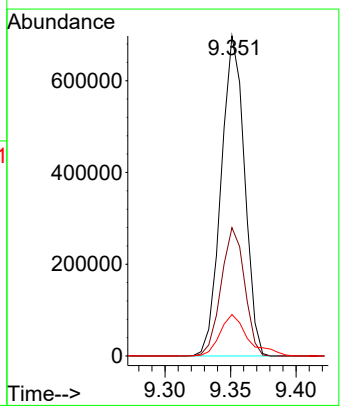
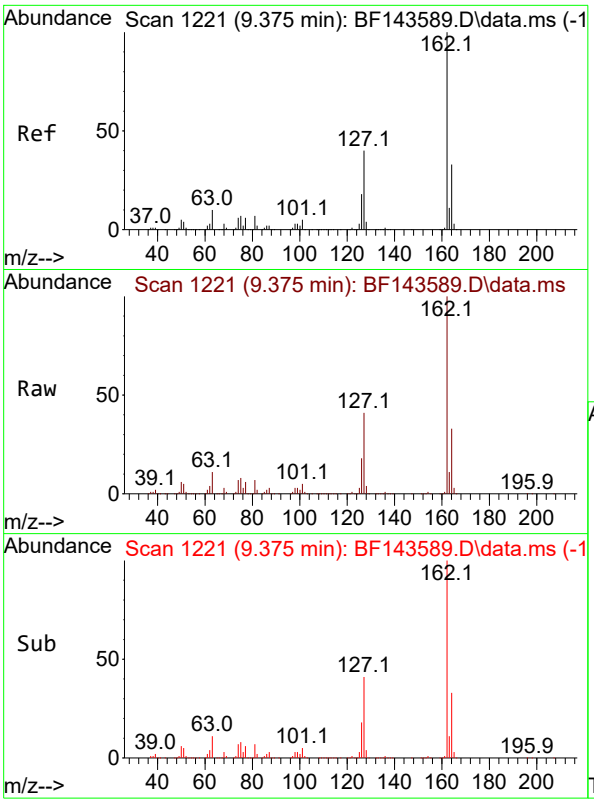


#46
1,1'-Biphenyl
Concen: 39.154 ng
RT: 9.351 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:154 Resp: 865373

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.1	60.1
76	13.0	0.0	33.0

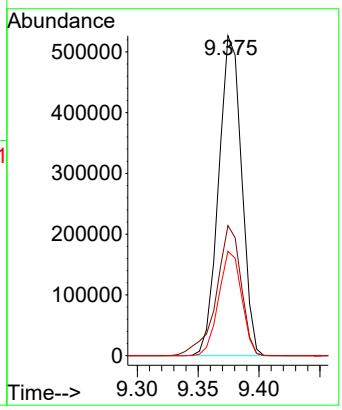




#47
2-Chloronaphthalene
Concen: 39.621 ng
RT: 9.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:162 Resp: 69174

Ion	Ratio	Lower	Upper
162	100		
127	40.7	32.6	48.8
164	32.6	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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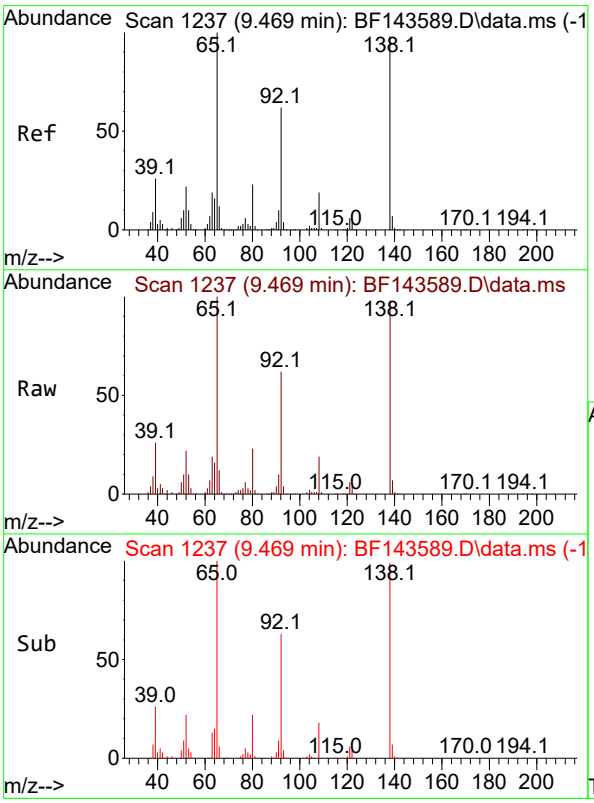
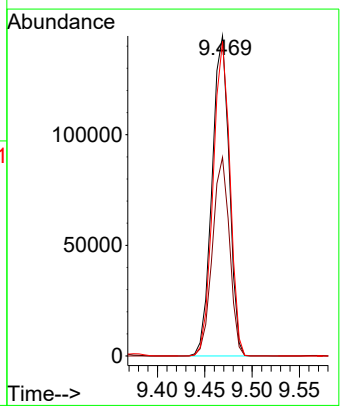
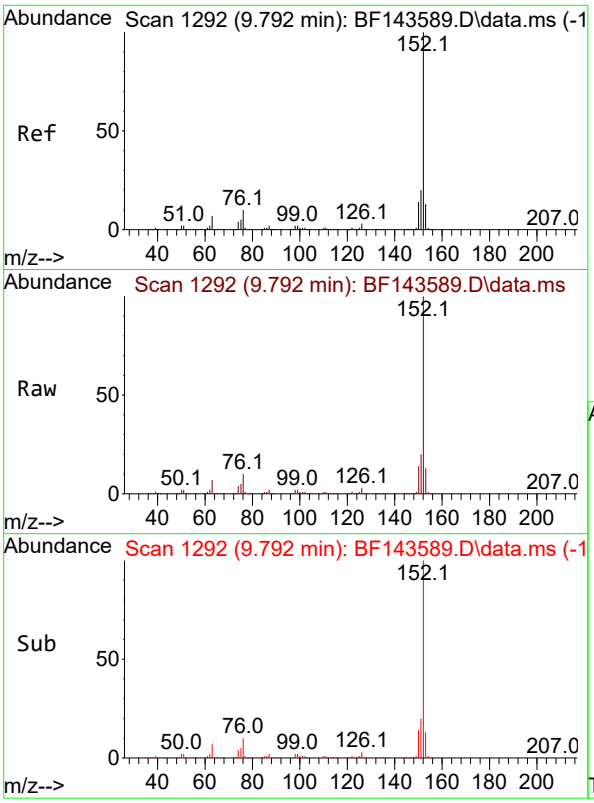


#48
2-Nitroaniline
Concen: 38.659 ng
RT: 9.469 min Scan# 1237
Delta R.T. -0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion: 65 Resp: 183005

Ion	Ratio	Lower	Upper
65	100		
92	62.0	49.6	74.4
138	98.3	78.6	118.0





#49
Acenaphthylene
Concen: 39.058 ng
RT: 9.792 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:152 Resp: 99218

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.2	10.6	15.8

Instrument :
BNA_F
ClientSampleId :
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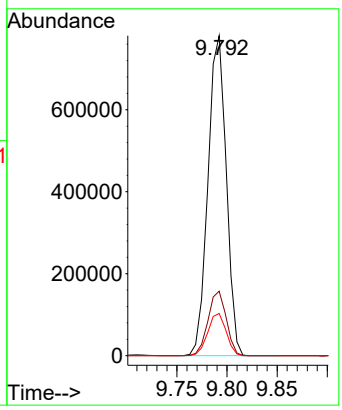
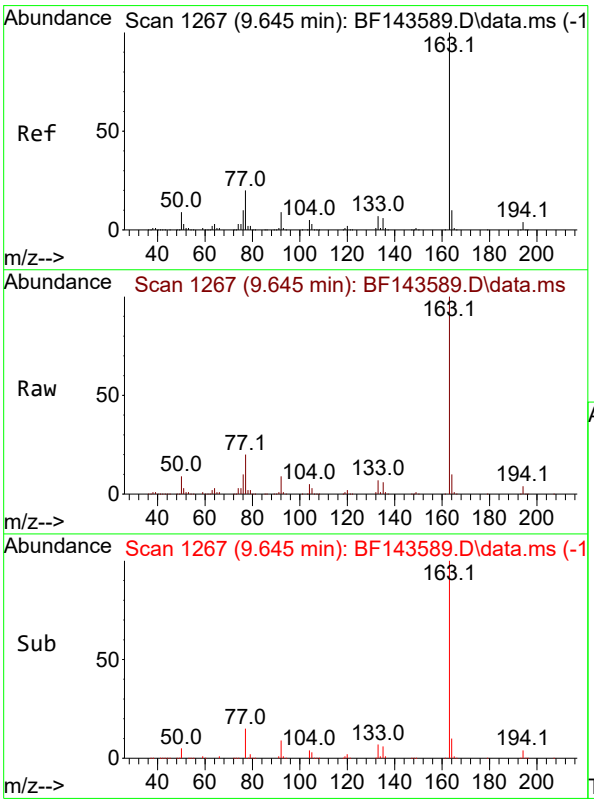
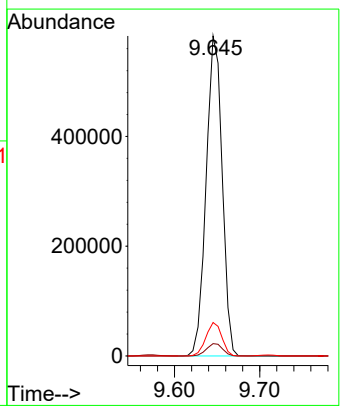


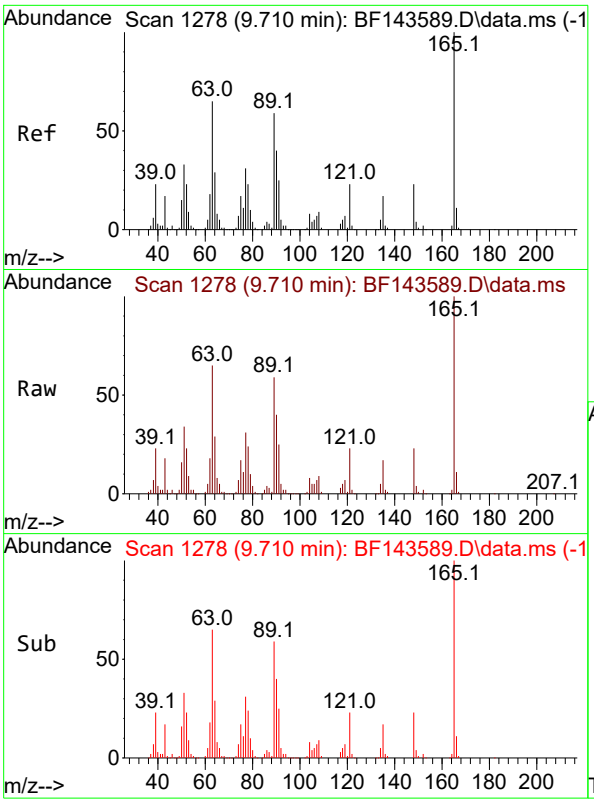


#50
Dimethylphthalate
Concen: 39.001 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:163 Resp: 764116

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.5	8.4	12.6





#51
2,6-Dinitrotoluene
Concen: 37.641 ng
RT: 9.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:165 Resp: 12009

Ion	Ratio	Lower	Upper
165	100		
63	64.7	51.8	77.6
89	59.3	47.4	71.2

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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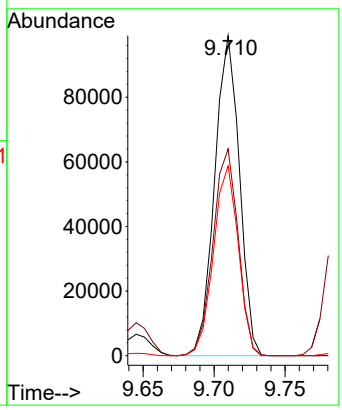
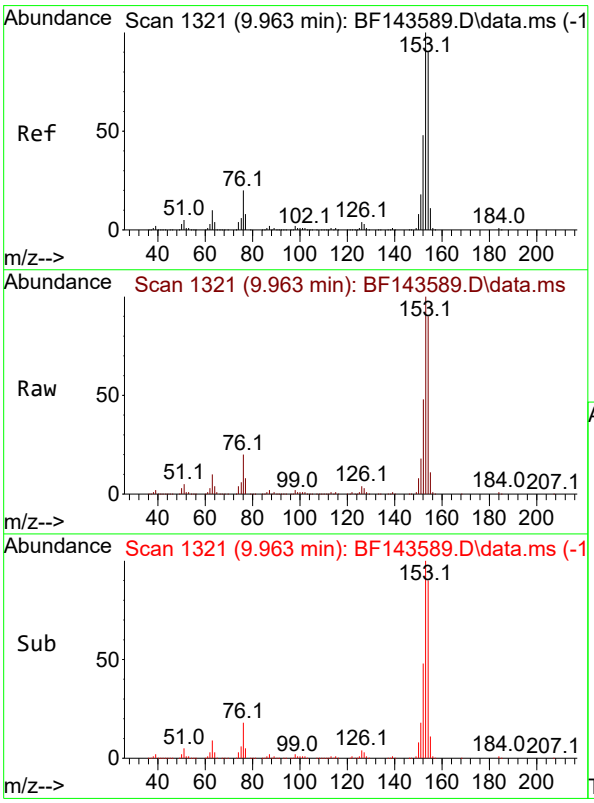
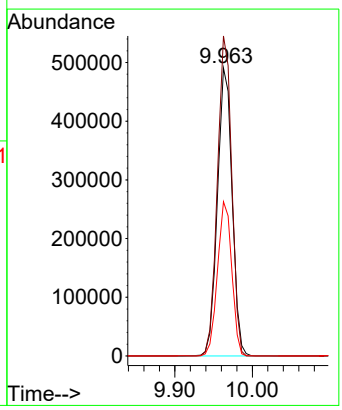


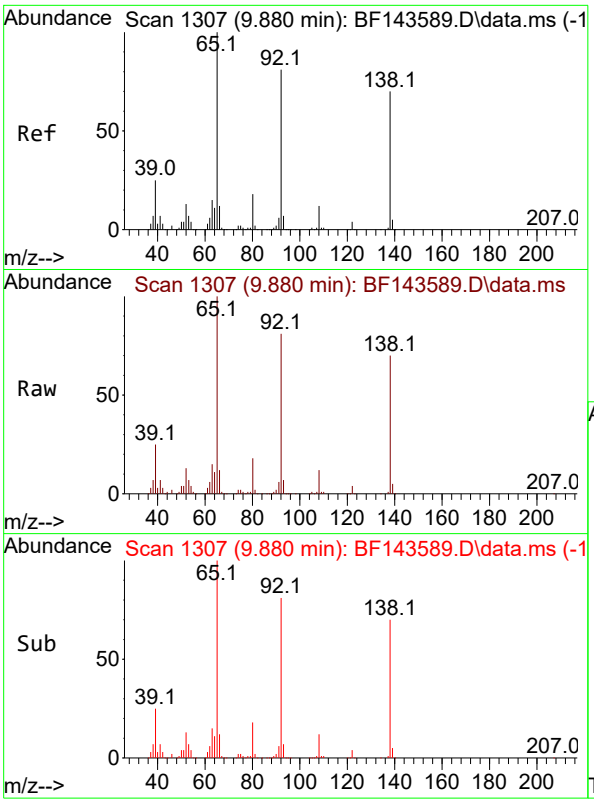


#52
Acenaphthene
Concen: 38.835 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:154 Resp: 646203

Ion	Ratio	Lower	Upper
154	100		
153	111.2	89.0	133.4
152	53.6	42.9	64.3





#53
3-Nitroaniline
Concen: 39.079 ng
RT: 9.880 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:138 Resp: 14862

Ion	Ratio	Lower	Upper
138	100		
108	17.3	13.8	20.8
92	115.8	92.6	139.0

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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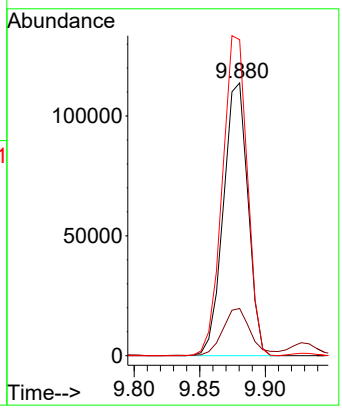
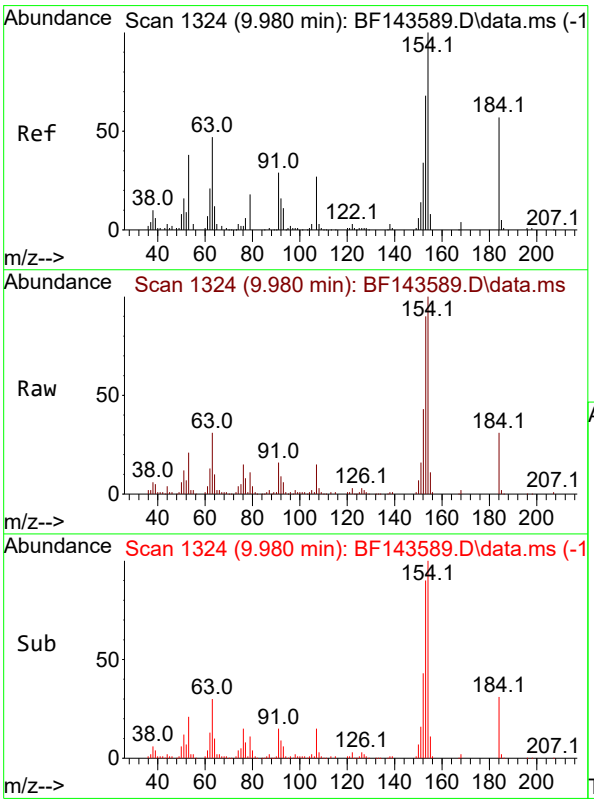
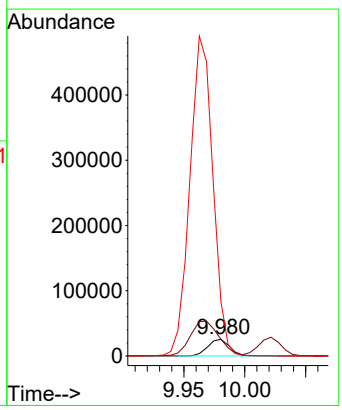


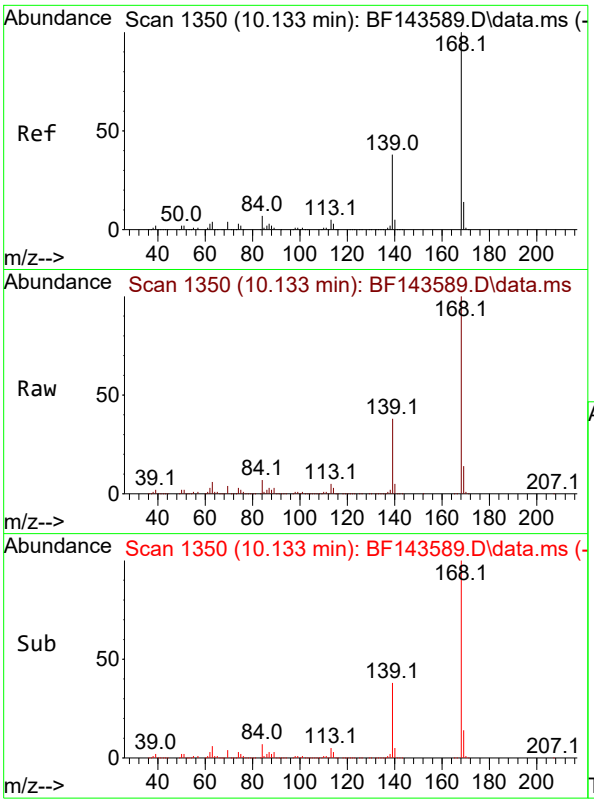


#54
2,4-Dinitrophenol
Concen: 37.216 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:184 Resp: 31823

Ion	Ratio	Lower	Upper
184	100		
63	101.1	80.9	121.3
154	327.5	262.0	393.0

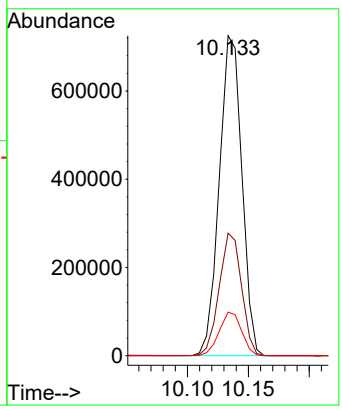




#55
Dibenzofuran
Concen: 38.393 ng
RT: 10.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:168 Resp: 93662

Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.6	46.0
169	13.6	10.9	16.3



Instrument :
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ClientSampleId :
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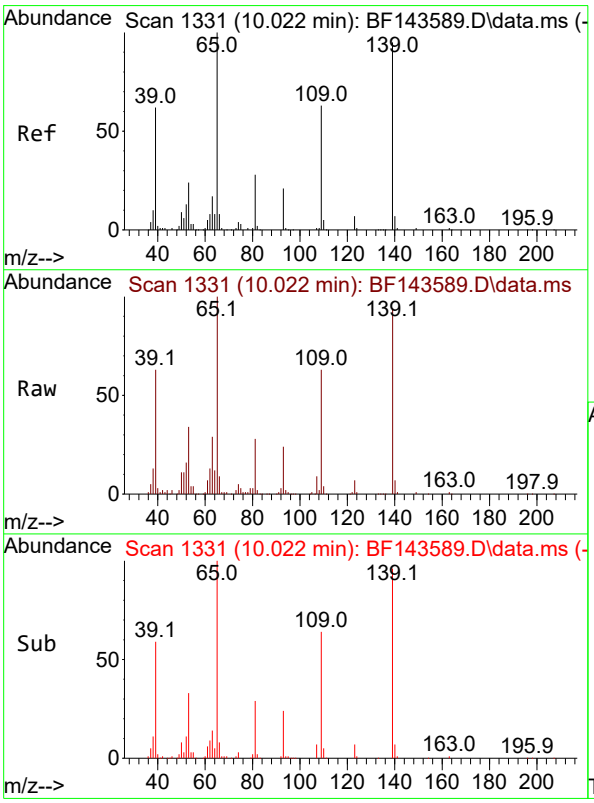
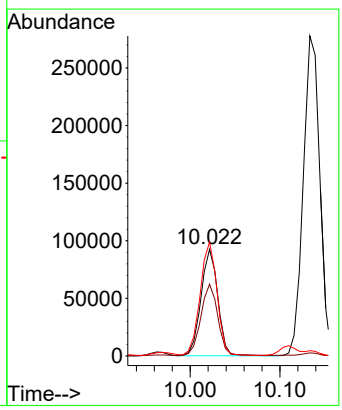
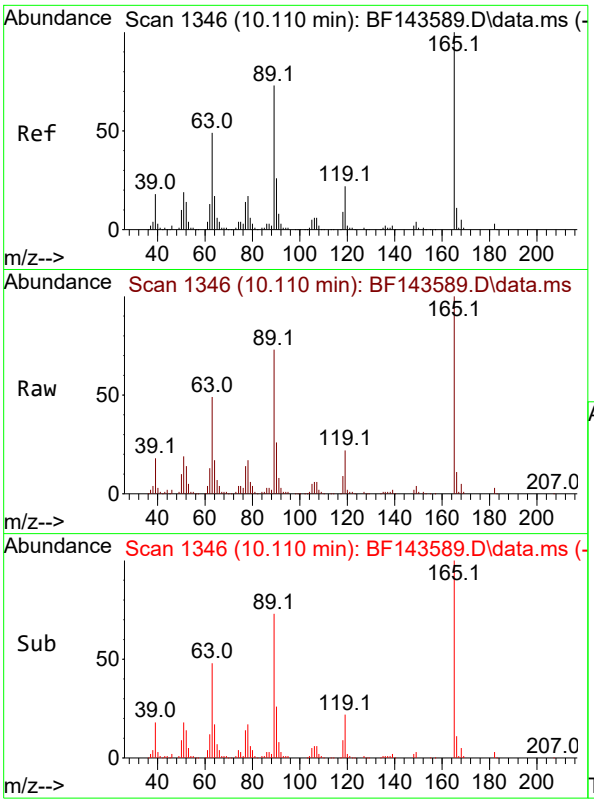


#56
4-Nitrophenol
Concen: 38.632 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:139 Resp: 120396

Ion	Ratio	Lower	Upper
139	100		
109	67.3	47.3	87.3
65	106.8	86.8	126.8

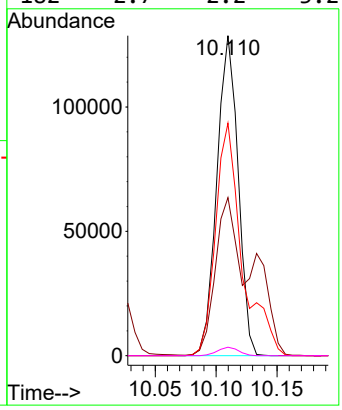




#57
2,4-Dinitrotoluene
Concen: 37.431 ng
RT: 10.110 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:165 Resp: 15661

Ion	Ratio	Lower	Upper
165	100		
63	49.4	39.5	59.3
89	72.6	58.1	87.1
182	2.7	2.2	3.2



Instrument :
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ClientSampleId :
SSTDICCC040

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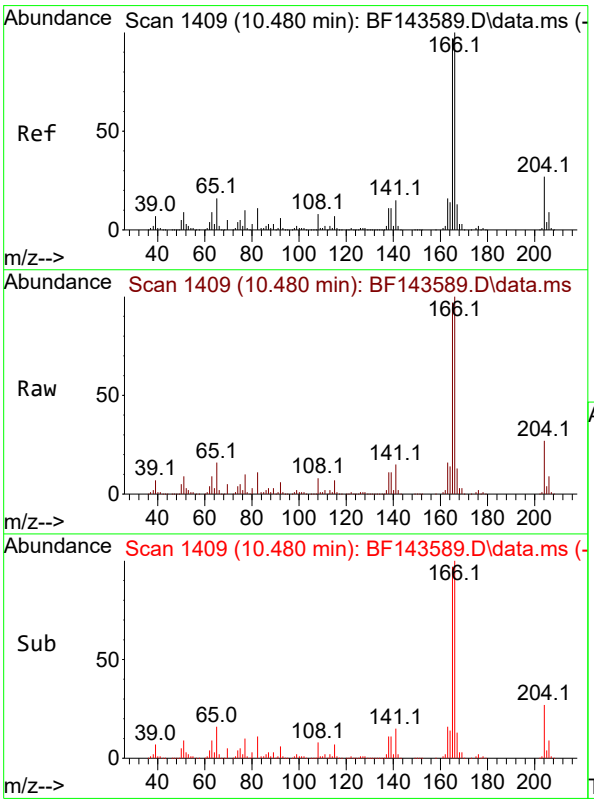
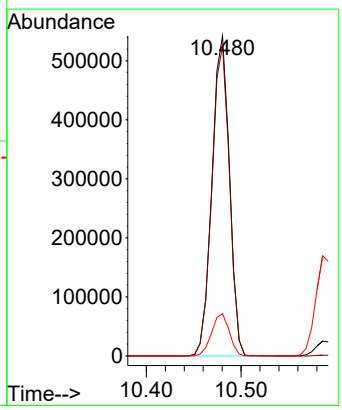
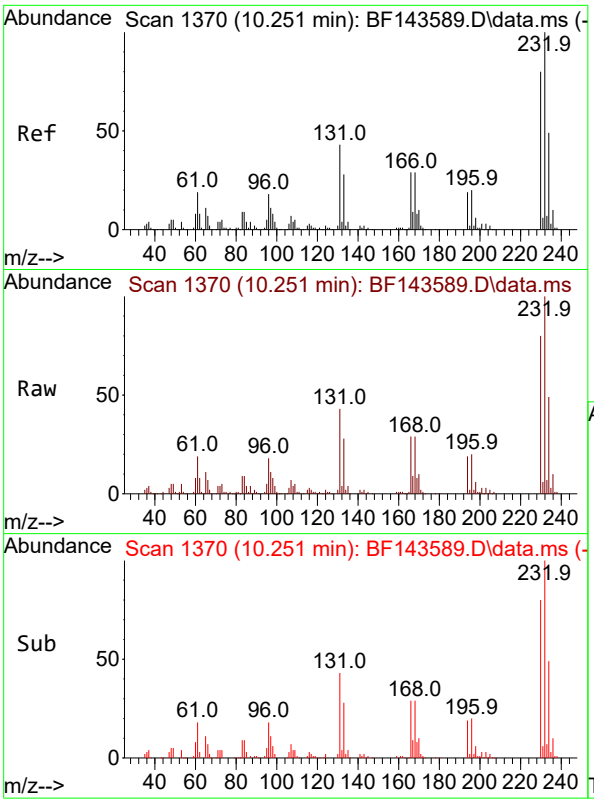


#58
Fluorene
Concen: 37.859 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:166 Resp: 693445

Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.7	116.5
167	13.2	10.6	15.8

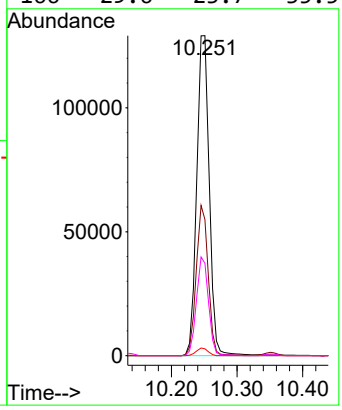




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.137 ng
RT: 10.251 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:232 Resp: 17233

Ion	Ratio	Lower	Upper
232	100		
131	44.9	35.9	53.9
130	2.3	1.8	2.8
166	29.6	23.7	35.5



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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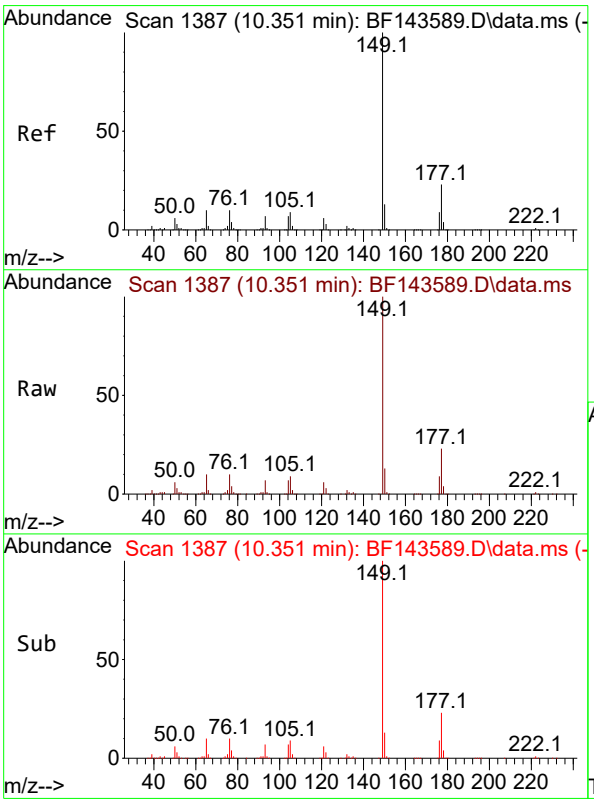
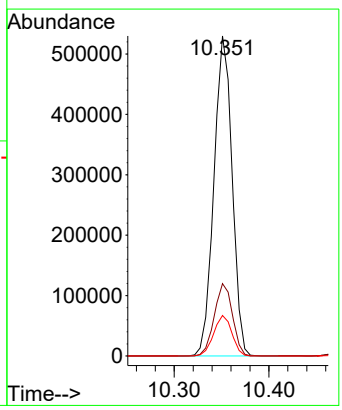
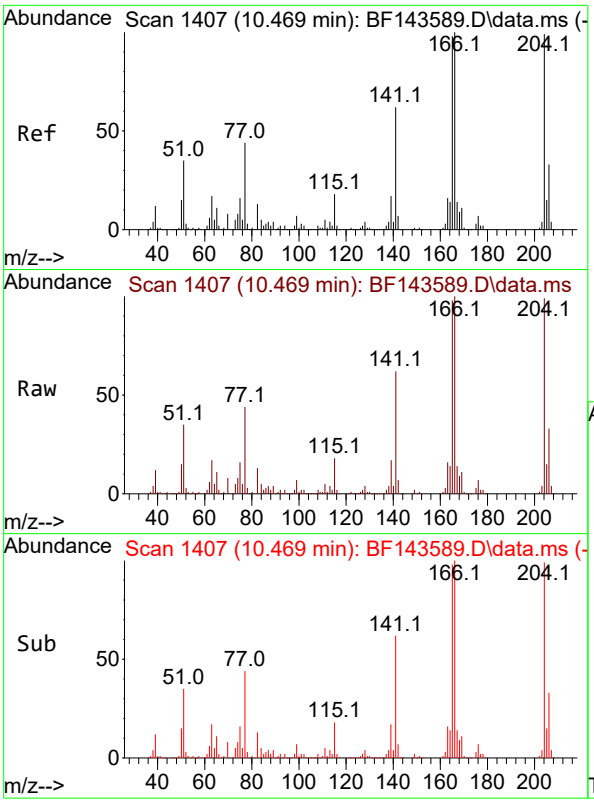


#60
Diethylphthalate
Concen: 38.516 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:149 Resp: 707196

Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.1	27.1
150	12.6	10.1	15.1





#61
4-Chlorophenyl-phenylether
Concen: 37.919 ng
RT: 10.469 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 33967

Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.0	40.6
141	62.7	50.2	75.2

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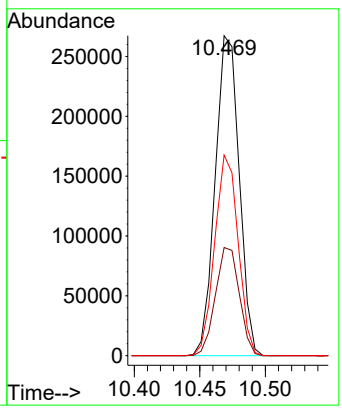
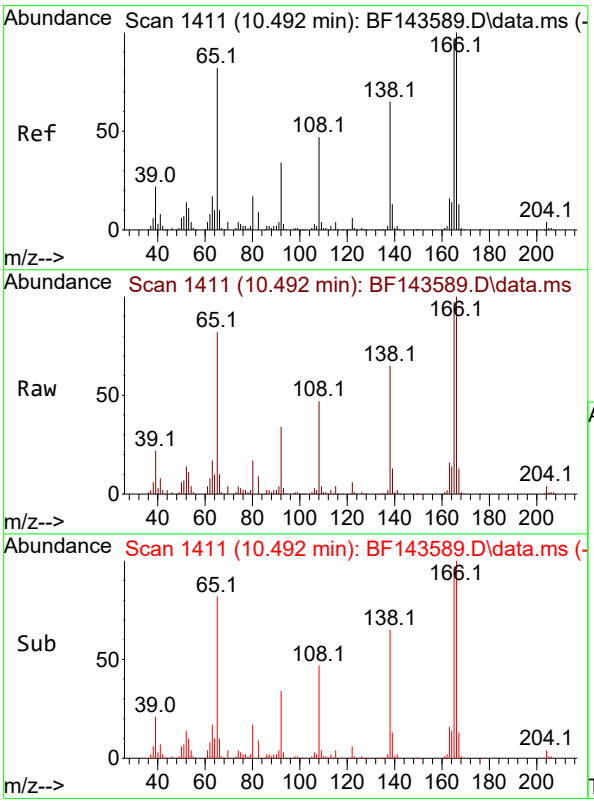
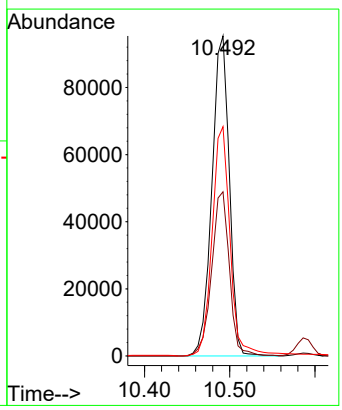


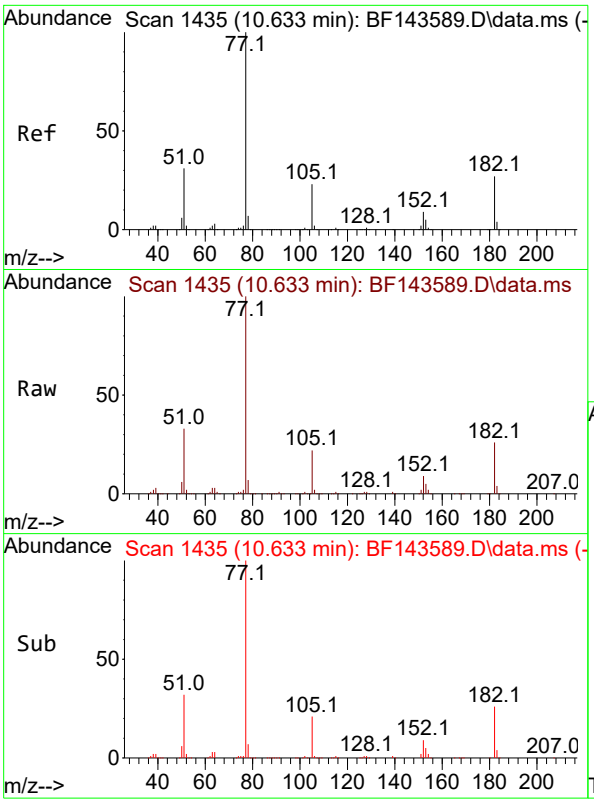


#62
4-Nitroaniline
Concen: 37.853 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:138 Resp: 135114

Ion	Ratio	Lower	Upper
138	100		
92	51.3	31.3	71.3
108	71.6	51.6	91.6

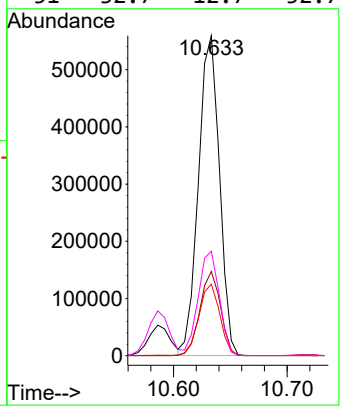




#63
Azobenzene
Concen: 38.616 ng
RT: 10.633 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion: 77 Resp: 71887

Ion	Ratio	Lower	Upper
77	100		
182	26.3	6.3	46.3
105	22.4	2.4	42.4
51	32.7	12.7	52.7



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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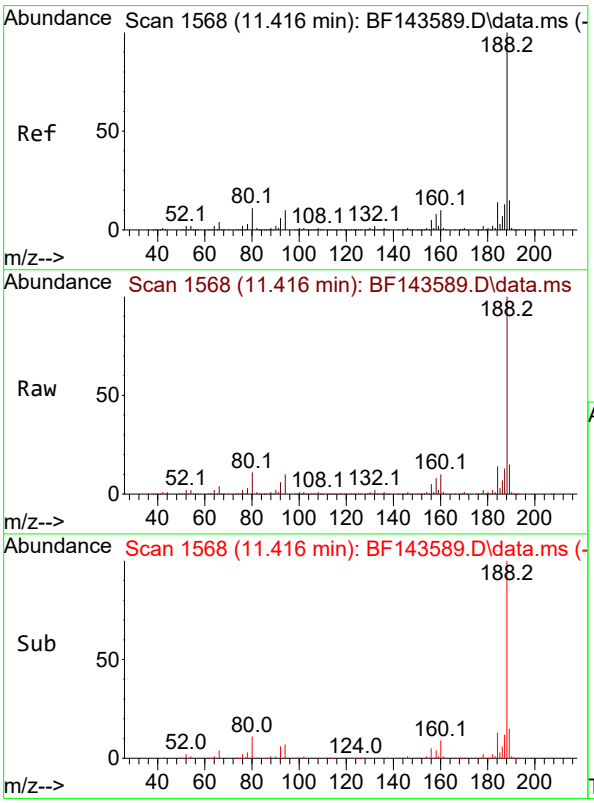
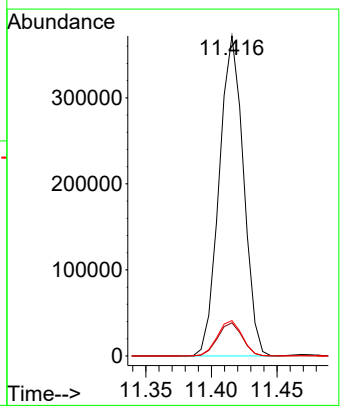
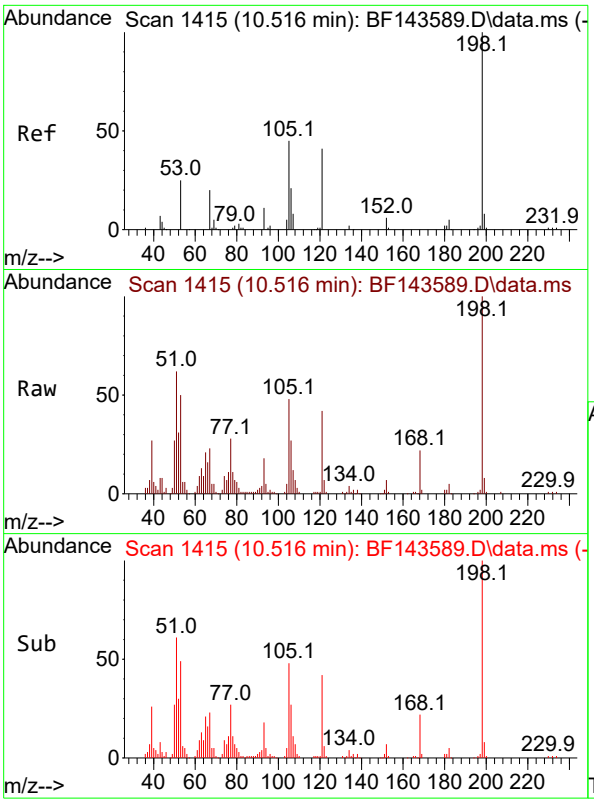


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:188 Resp: 479444

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.4
80	11.1	8.9	13.3

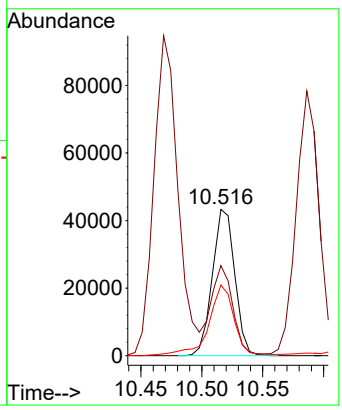




#65
4,6-Dinitro-2-methylphenol
Concen: 38.129 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:198 Resp: 5534

Ion	Ratio	Lower	Upper
198	100		
51	61.5	41.5	81.5
105	48.2	28.2	68.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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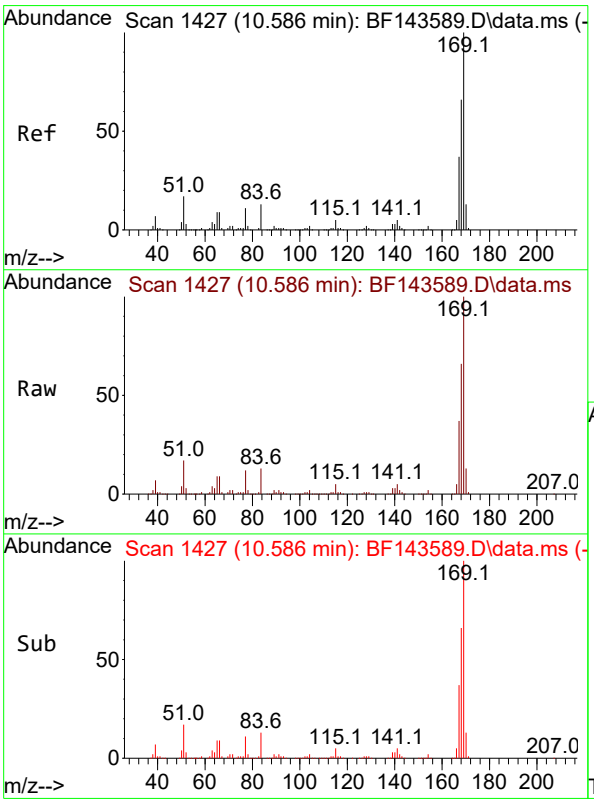
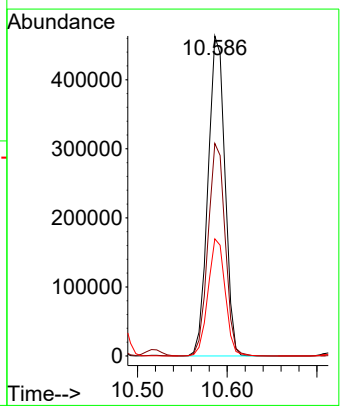
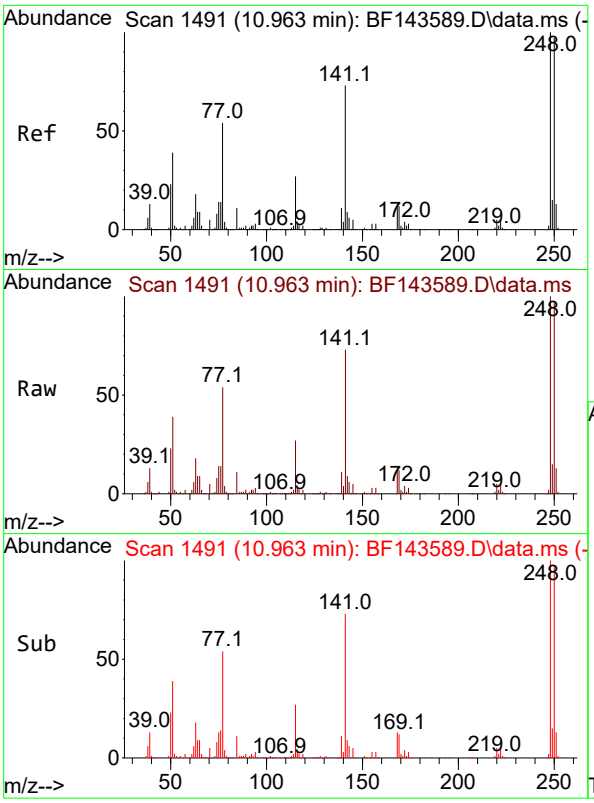


#66
n-Nitrosodiphenylamine
Concen: 39.747 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:169 Resp: 606144

Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.1	79.7
167	36.6	29.3	43.9





#67
4-Bromophenyl-phenylether
Concen: 40.478 ng
RT: 10.963 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 20991

Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.8	116.6
141	73.1	58.5	87.7

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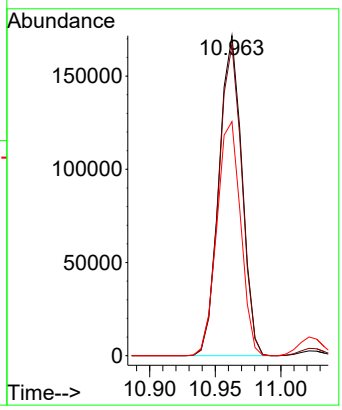
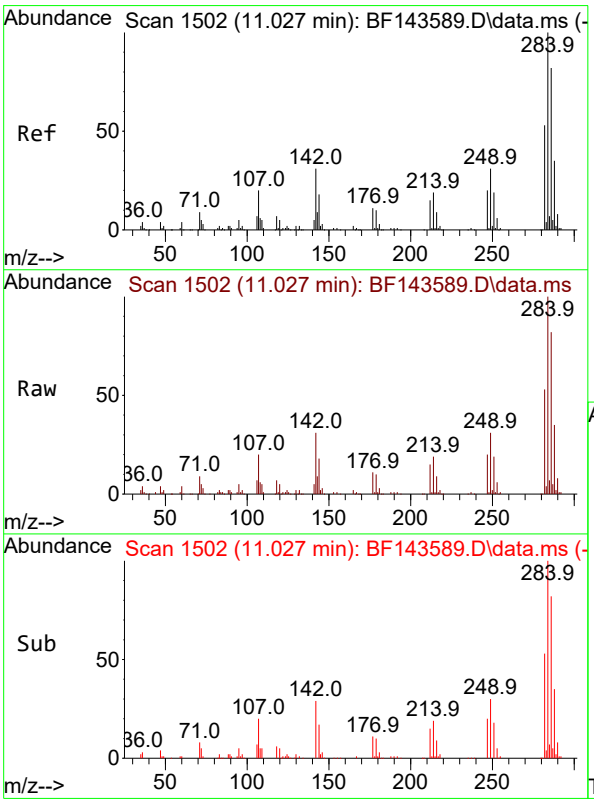
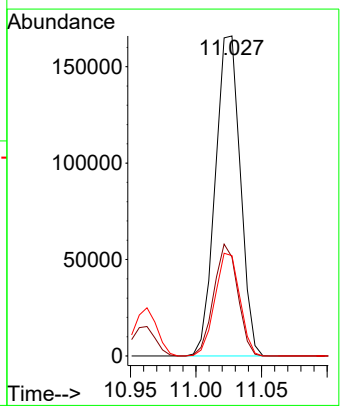


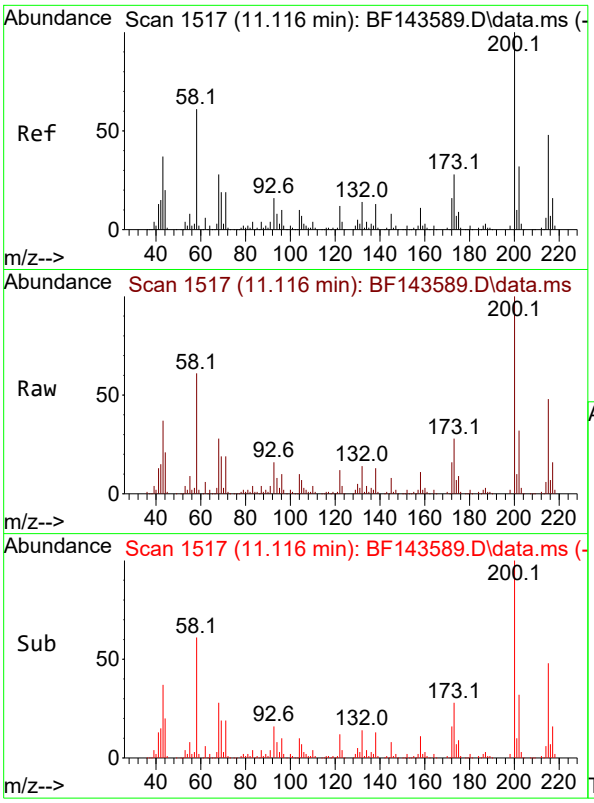


#68
Hexachlorobenzene
Concen: 39.638 ng
RT: 11.027 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:284 Resp: 219878

Ion	Ratio	Lower	Upper
284	100		
142	30.9	24.7	37.1
249	31.3	25.0	37.6





#69
Atrazine
Concen: 39.604 ng
RT: 11.116 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 17361

Ion	Ratio	Lower	Upper
200	100		
173	27.6	7.6	47.6
215	48.3	28.3	68.3

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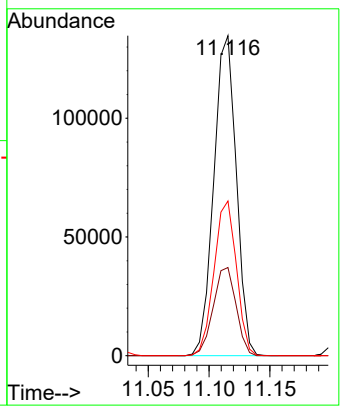
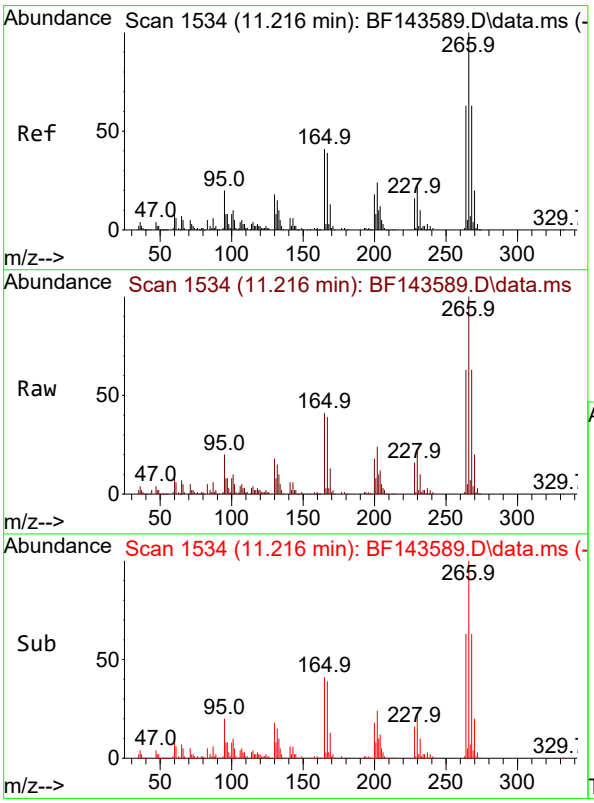
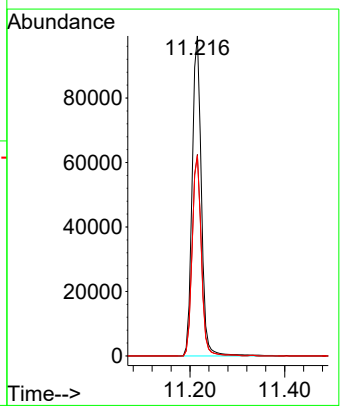


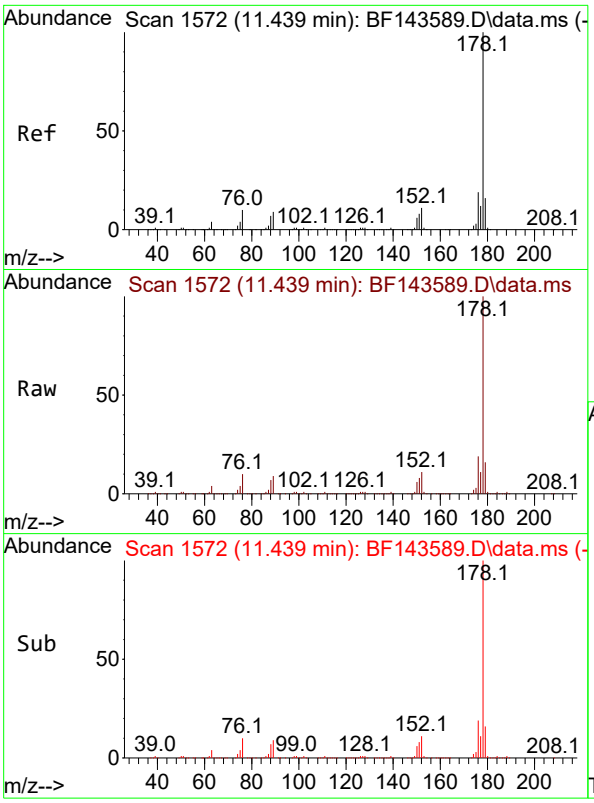


#70
Pentachlorophenol
Concen: 42.157 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:266 Resp: 133606

Ion	Ratio	Lower	Upper
266	100		
268	63.0	50.4	75.6
264	62.6	50.1	75.1

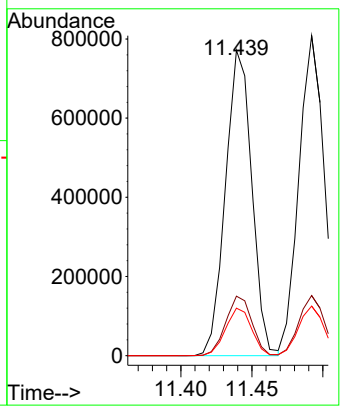




#71
Phenanthrene
Concen: 38.852 ng
RT: 11.439 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:178 Resp: 99732

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.6	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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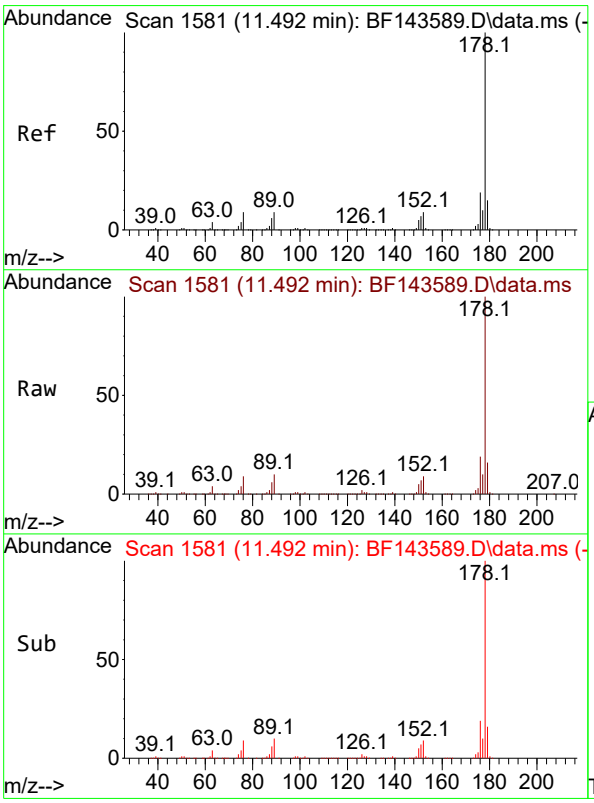
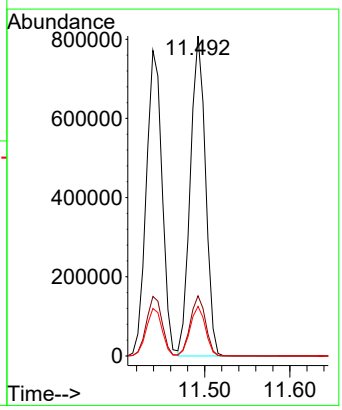
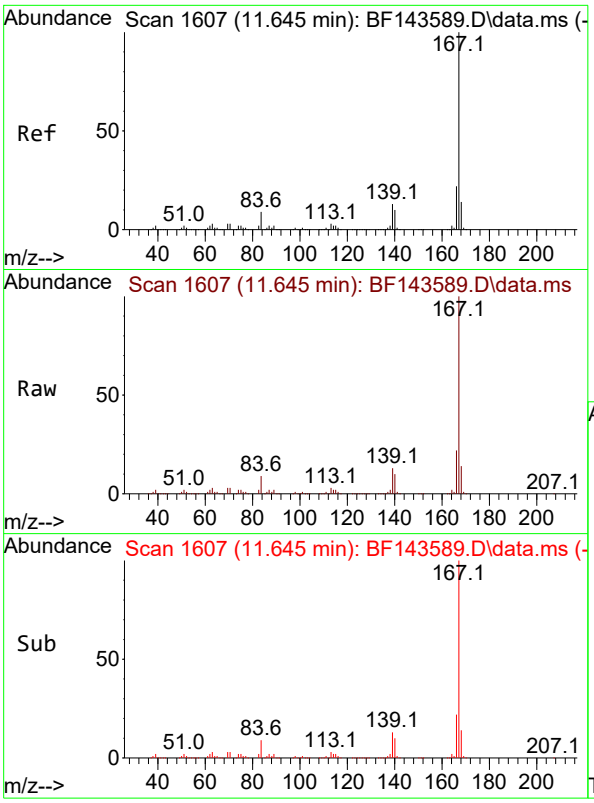


#72
Anthracene
Concen: 38.584 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:178 Resp: 998143

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.5	12.4	18.6

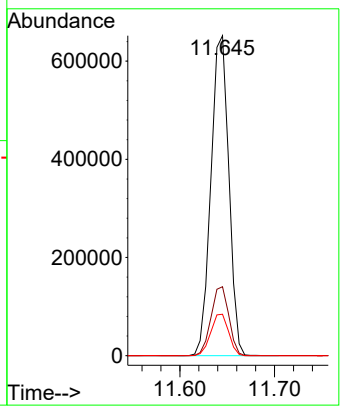




#73
Carbazole
Concen: 38.239 ng
RT: 11.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:167 Resp: 85508

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.3	25.9
139	13.0	10.4	15.6



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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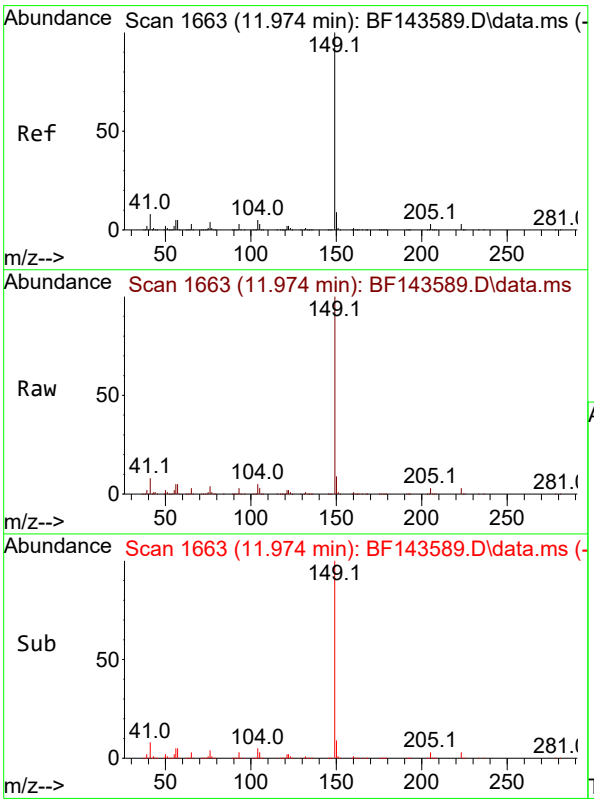
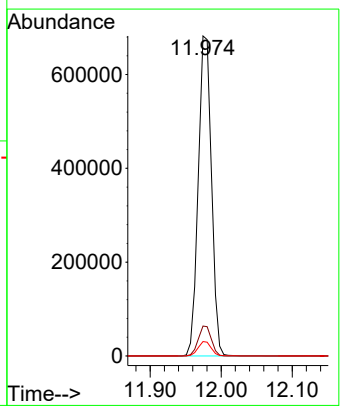
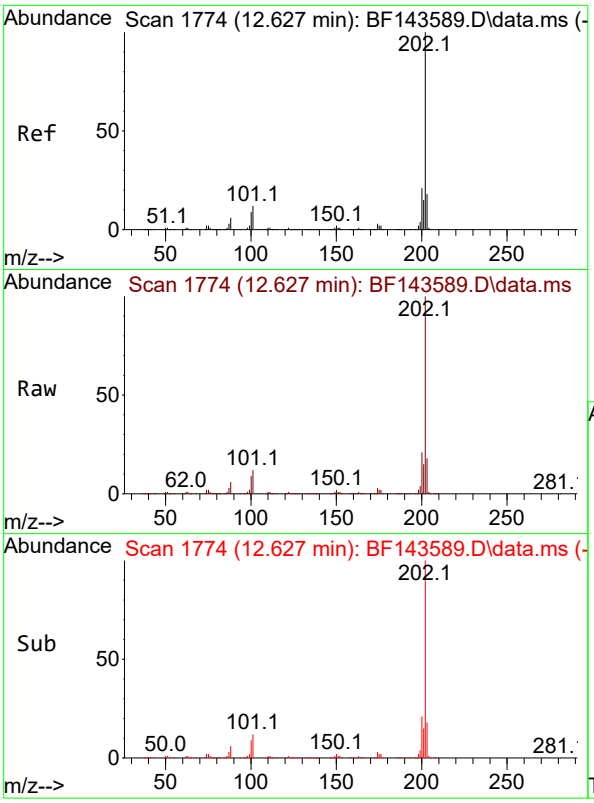


#74
Di-n-butylphthalate
Concen: 38.870 ng
RT: 11.974 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:149 Resp: 885338

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.5	3.6	5.4

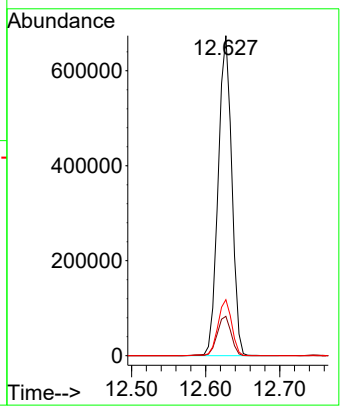




#75
Fluoranthene
Concen: 36.685 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:202 Resp: 85983

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.3
203	17.5	0.0	37.5



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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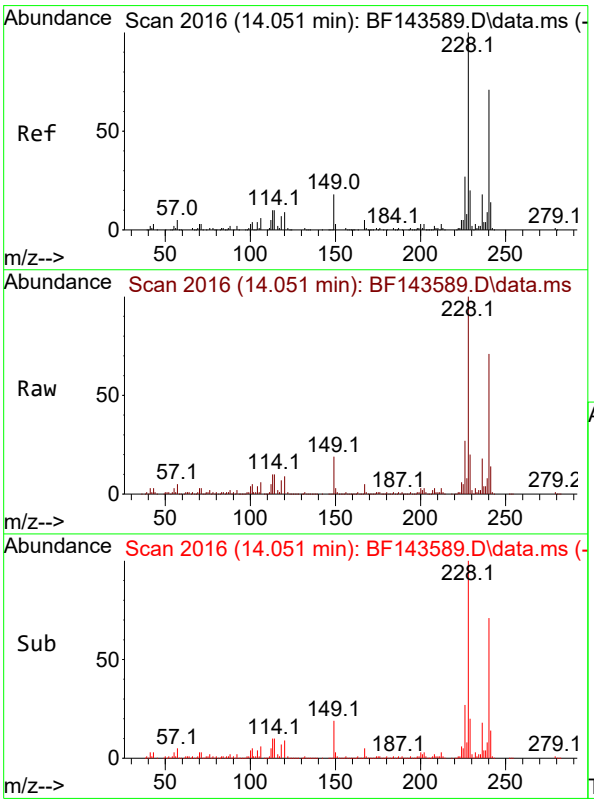
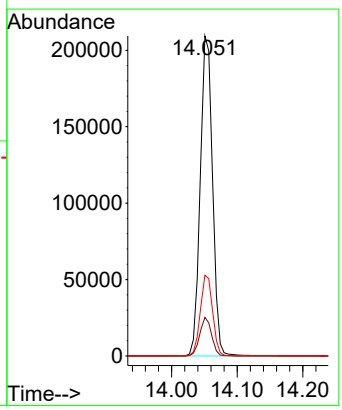
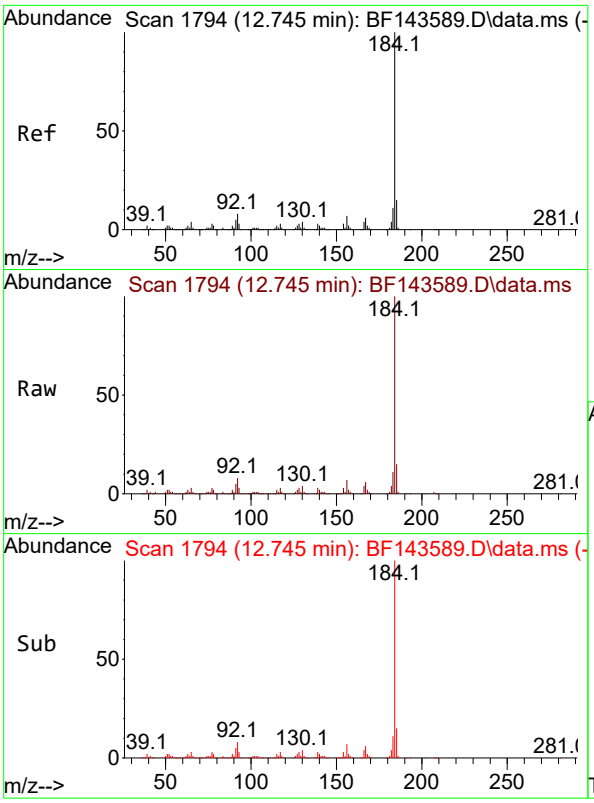


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:240 Resp: 273832

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.6	14.4
236	25.2	20.2	30.2

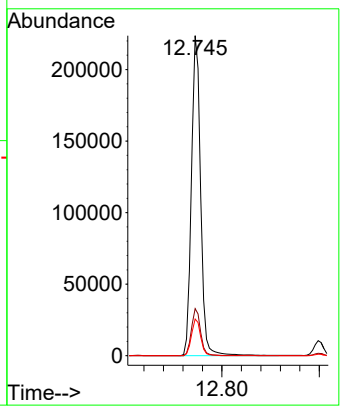




#77
Benzidine
Concen: 45.437 ng
RT: 12.745 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:184 Resp: 29470

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.8	17.6
183	11.4	9.1	13.7



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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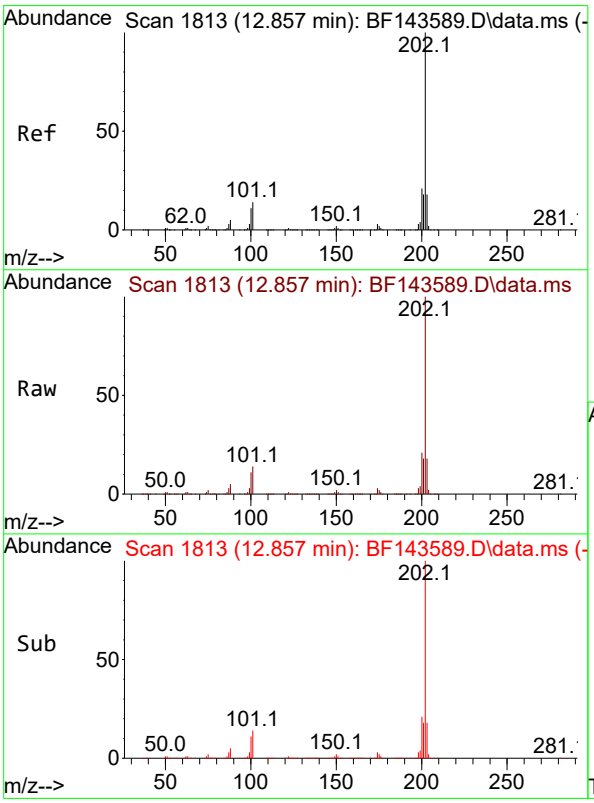
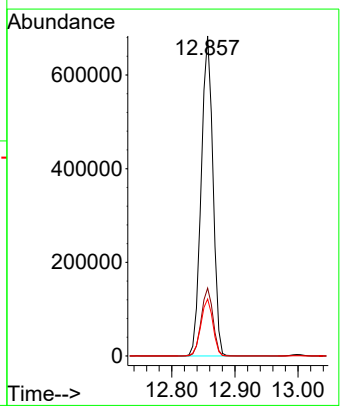
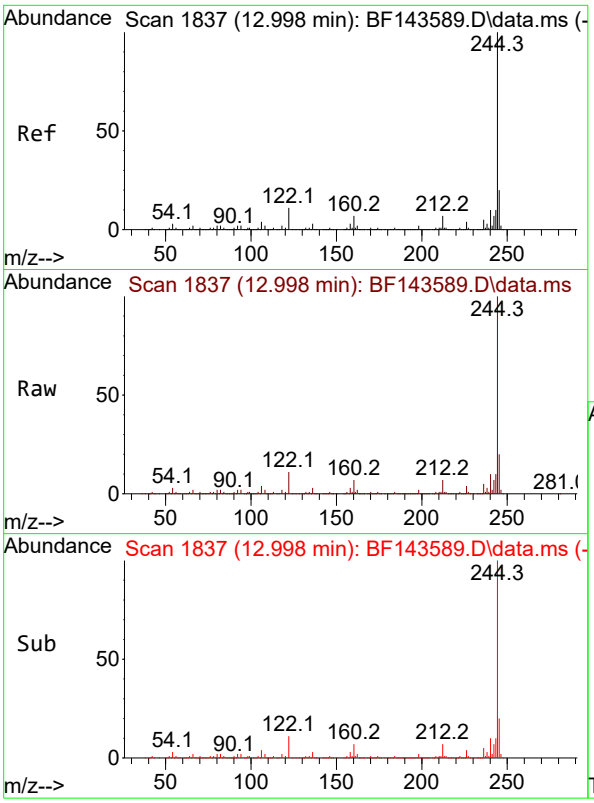


#78
Pyrene
Concen: 38.452 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:202 Resp: 881203

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.8	14.2	21.4

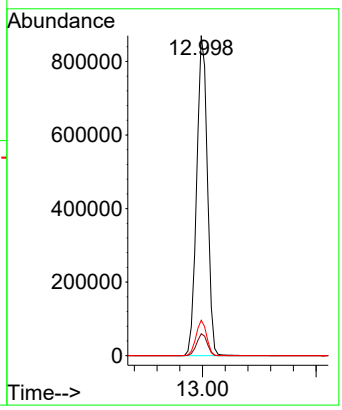




#79
Terphenyl-d14
Concen: 74.939 ng
RT: 12.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:244 Resp: 114355

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	11.0	8.8	13.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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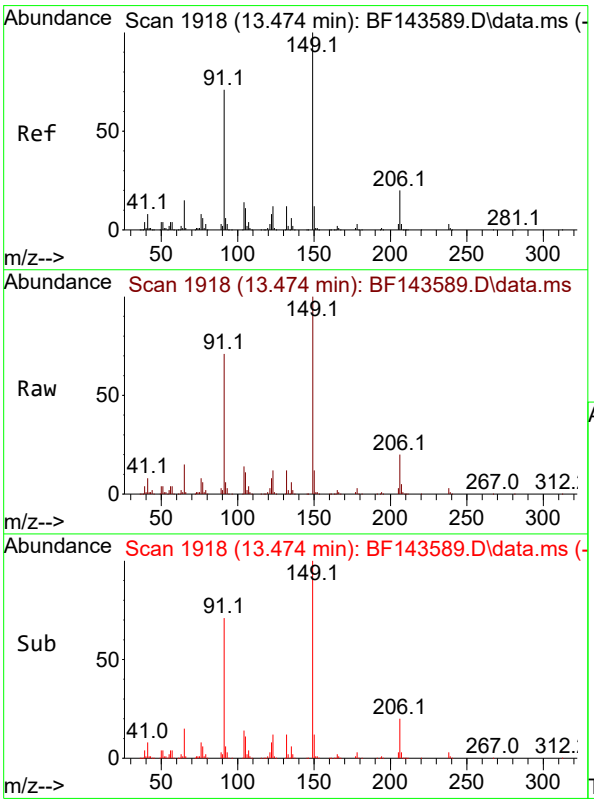
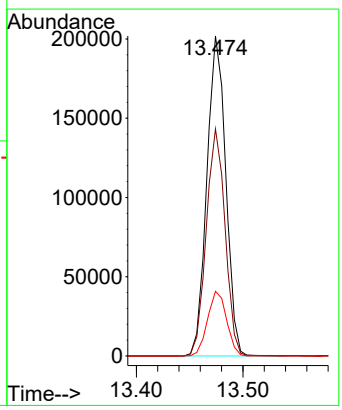
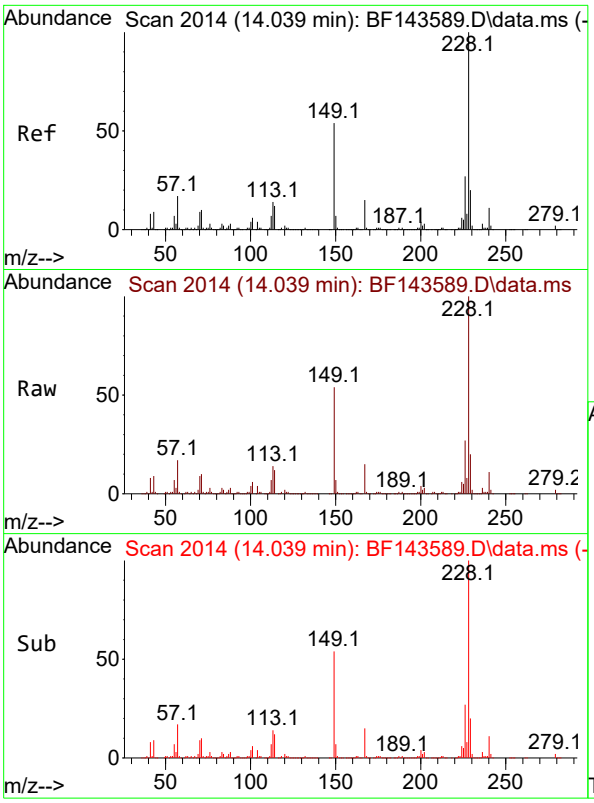


#80
Butylbenzylphthalate
Concen: 39.277 ng
RT: 13.474 min Scan# 1918
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:149 Resp: 249520

Ion	Ratio	Lower	Upper
149	100		
91	71.0	56.8	85.2
206	20.2	16.2	24.2

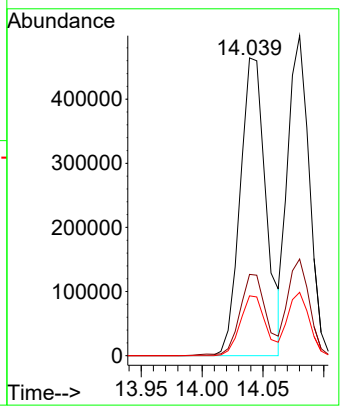




#81
Benzo(a)anthracene
Concen: 39.952 ng
RT: 14.039 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:228 Resp: 68827

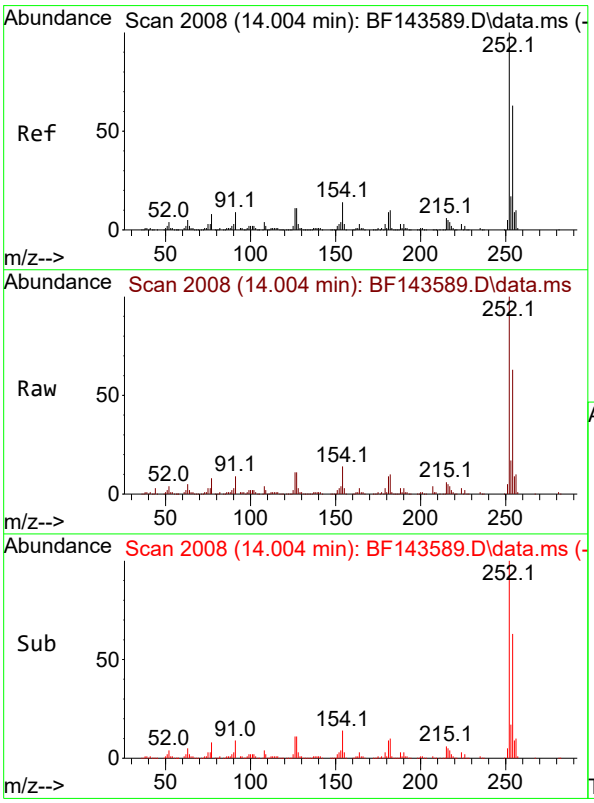
Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	20.1	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

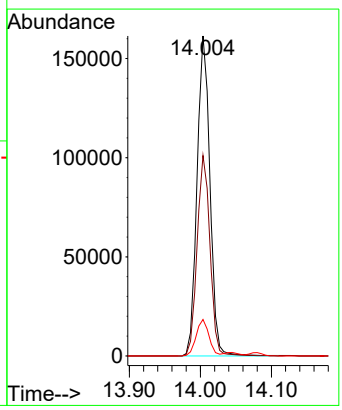
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

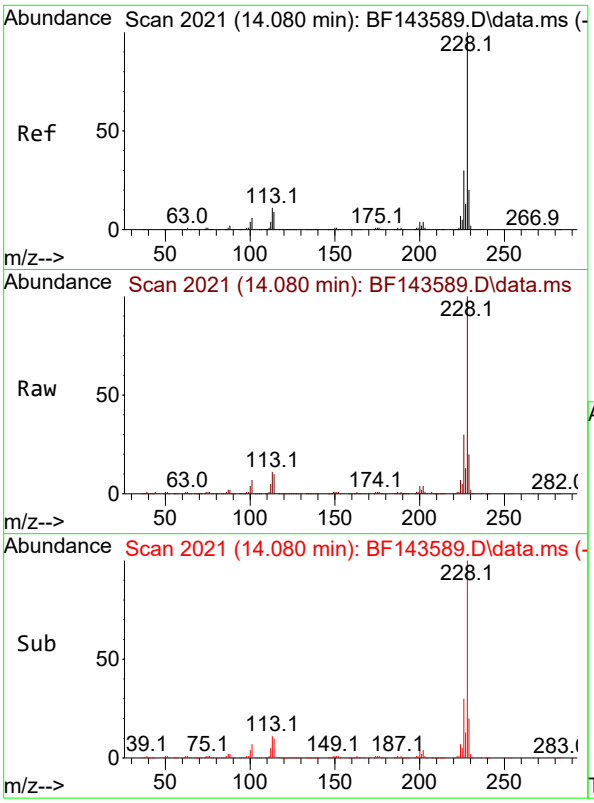


#82
3,3'-Dichlorobenzidine
Concen: 44.260 ng
RT: 14.004 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:252 Resp: 204431

Ion	Ratio	Lower	Upper
252	100		
254	62.7	50.2	75.2
126	11.4	9.1	13.7

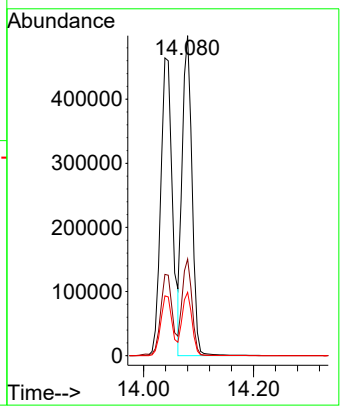




#83
Chrysene
Concen: 38.389 ng
RT: 14.080 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:228 Resp: 61634

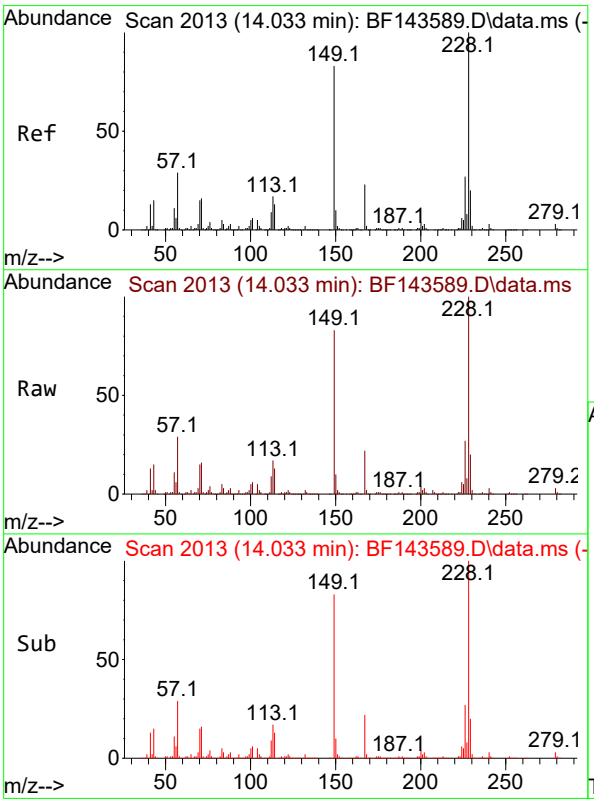
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	19.8	15.8	23.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

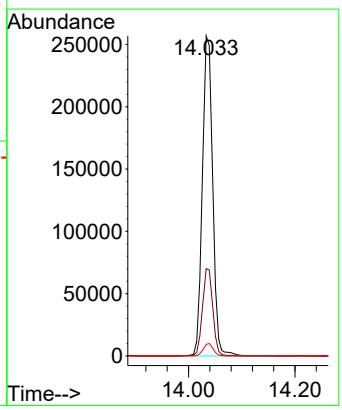
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

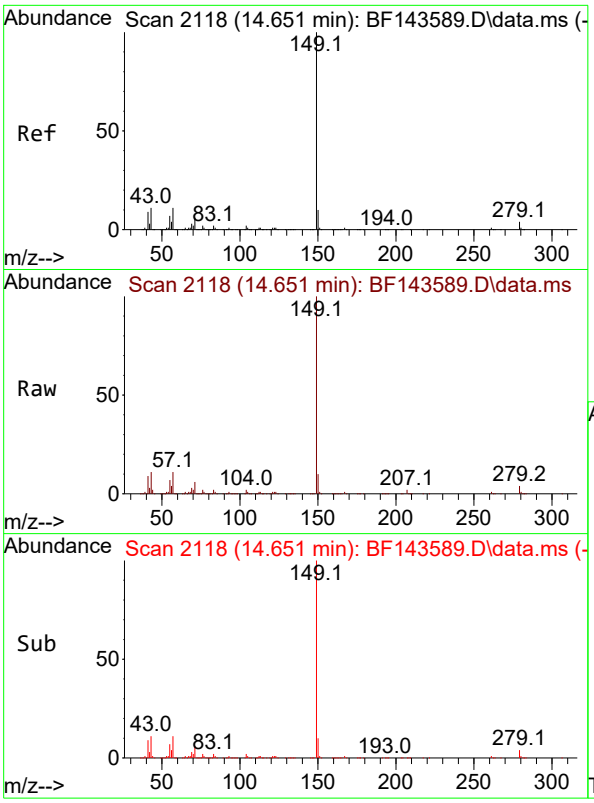


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.731 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:149 Resp: 345979

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.8	32.8
279	3.6	2.9	4.3

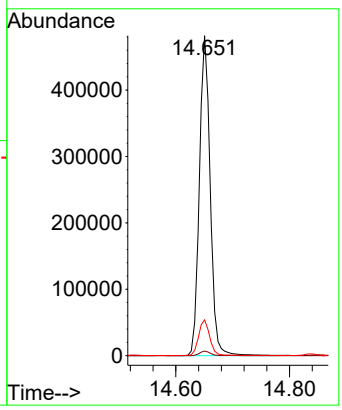




#85
Di-n-octyl phthalate
Concen: 41.800 ng
RT: 14.651 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:149 Resp: 63891

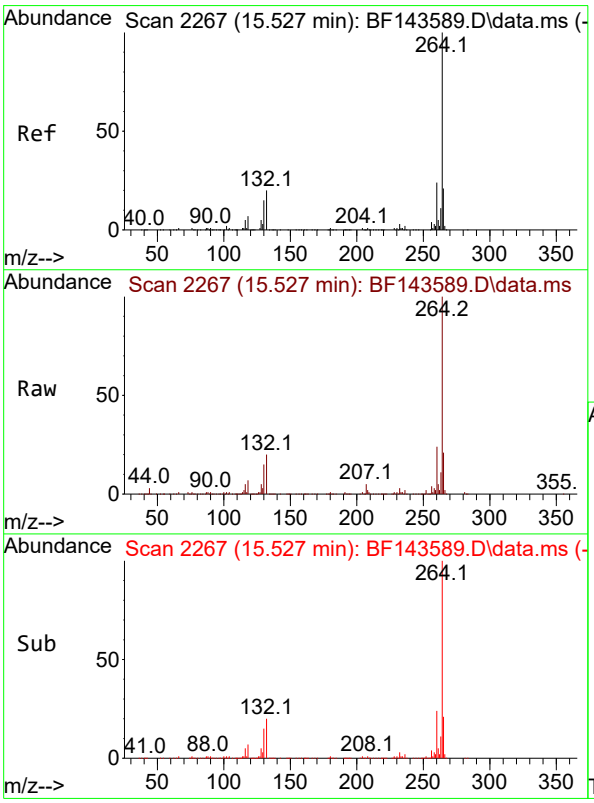
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.9	9.5	14.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

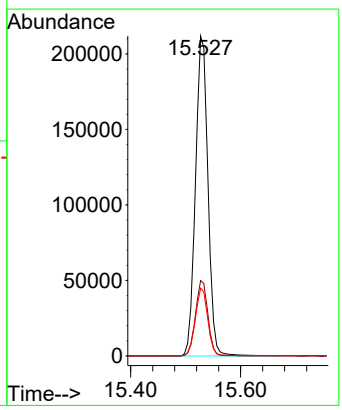
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

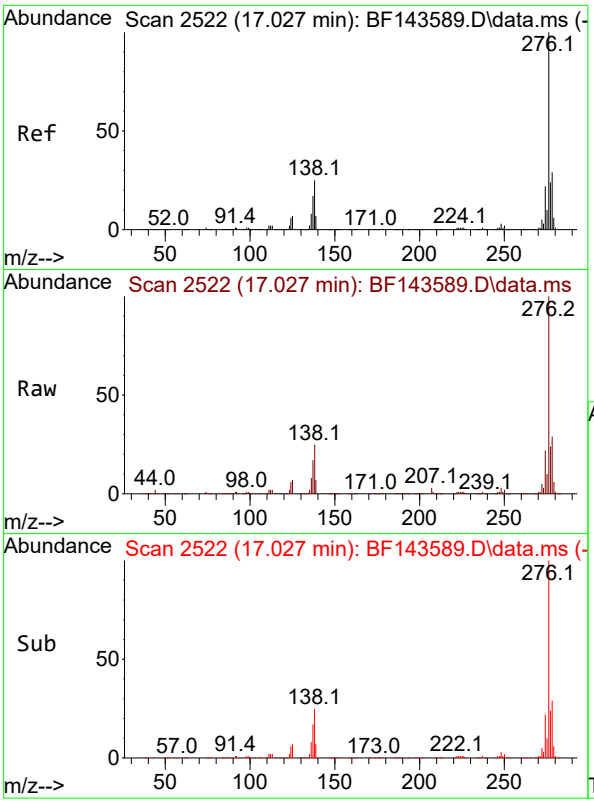


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:264 Resp: 334519

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.2	17.0	25.4

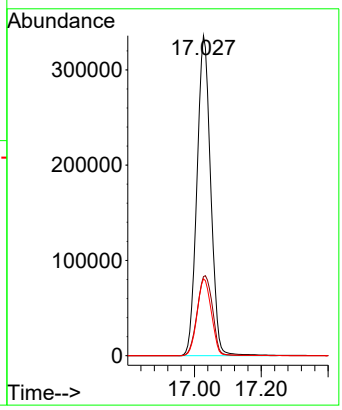




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.014 ng
RT: 17.027 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:276 Resp: 95620

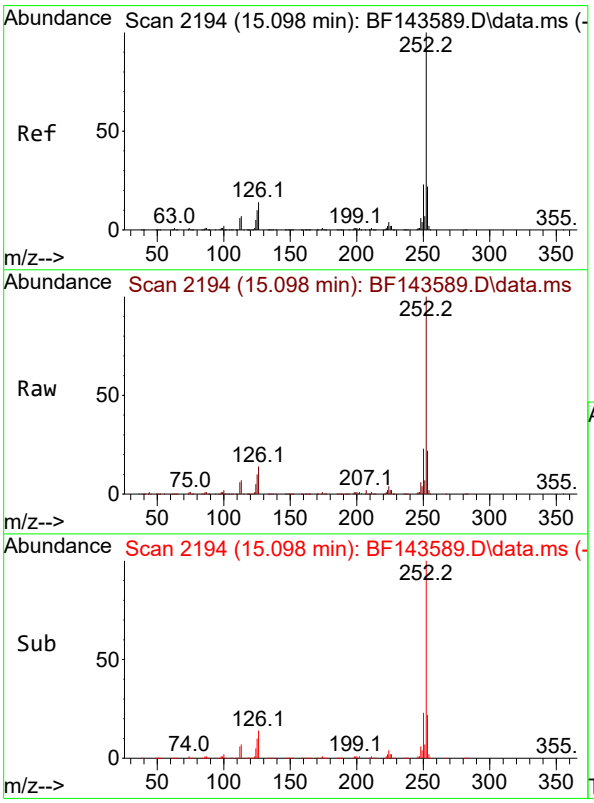
Ion	Ratio	Lower	Upper
276	100		
138	27.9	22.3	33.5
277	25.0	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

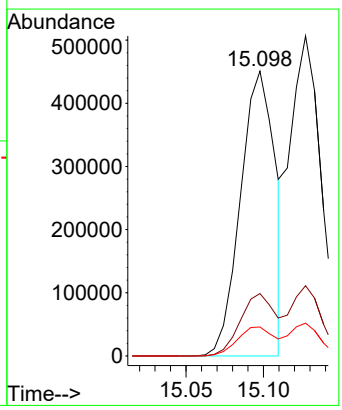
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

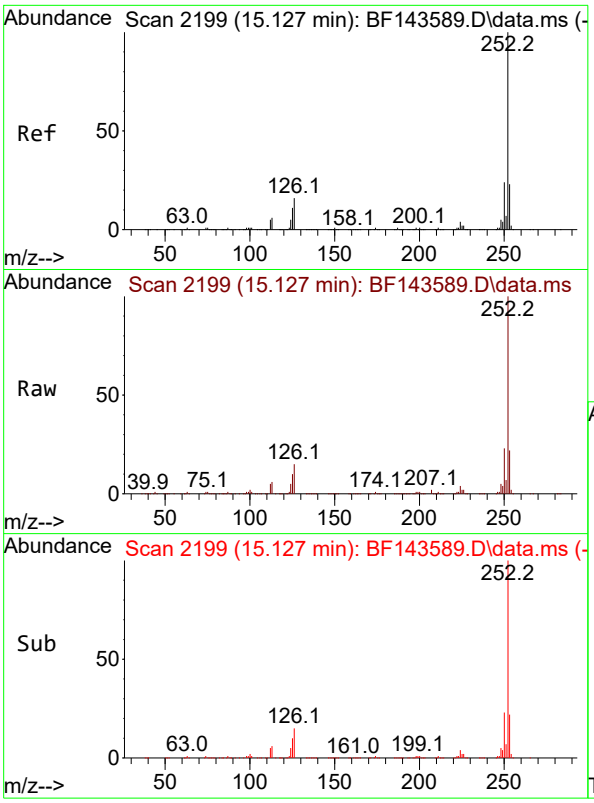


#88
Benzo(b)fluoranthene
Concen: 36.584 ng
RT: 15.098 min Scan# 2194
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:252 Resp: 699249

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.2	8.2	12.2

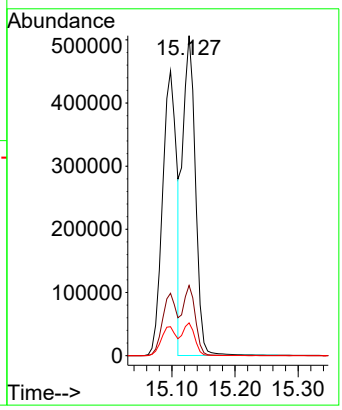




#89
Benzo(k)fluoranthene
Concen: 39.719 ng
RT: 15.127 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:252 Resp: 70982

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.3	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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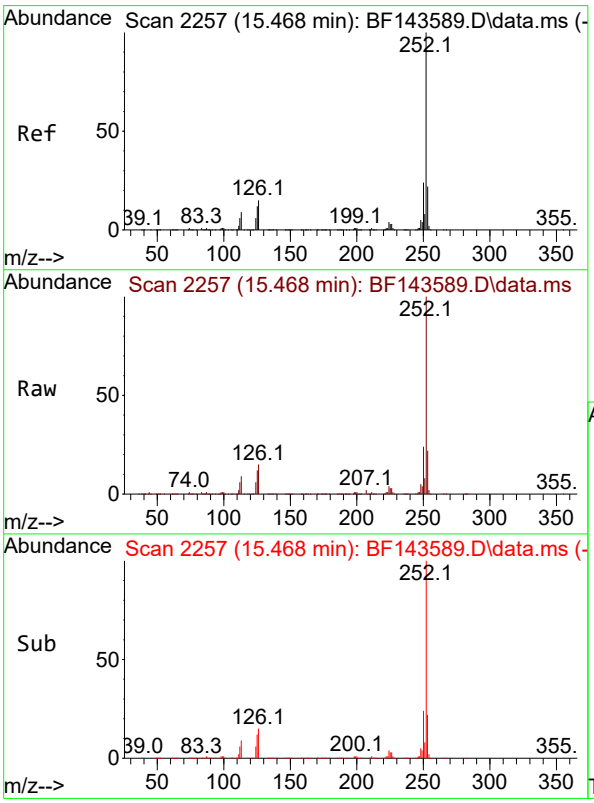
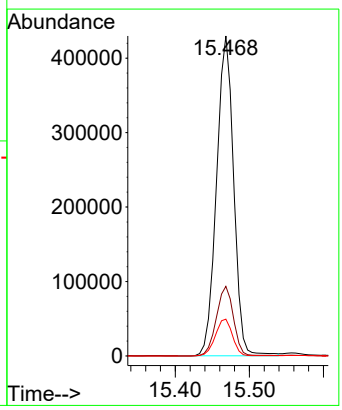
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

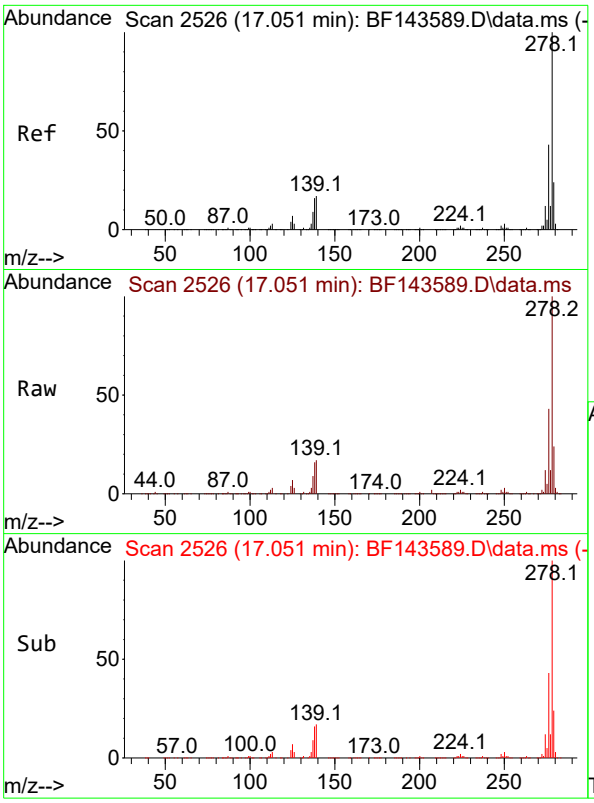


#90
Benzo(a)pyrene
Concen: 40.870 ng
RT: 15.468 min Scan# 2257
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:252 Resp: 690197

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	11.5	9.2	13.8





#91
Dibenzo(a,h)anthracene
Concen: 41.451 ng
RT: 17.051 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

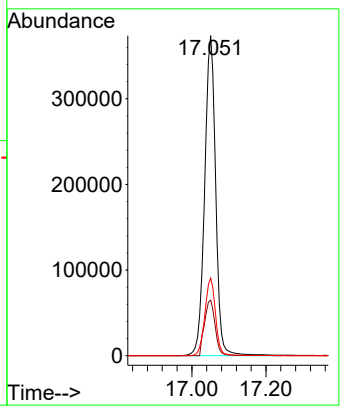
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

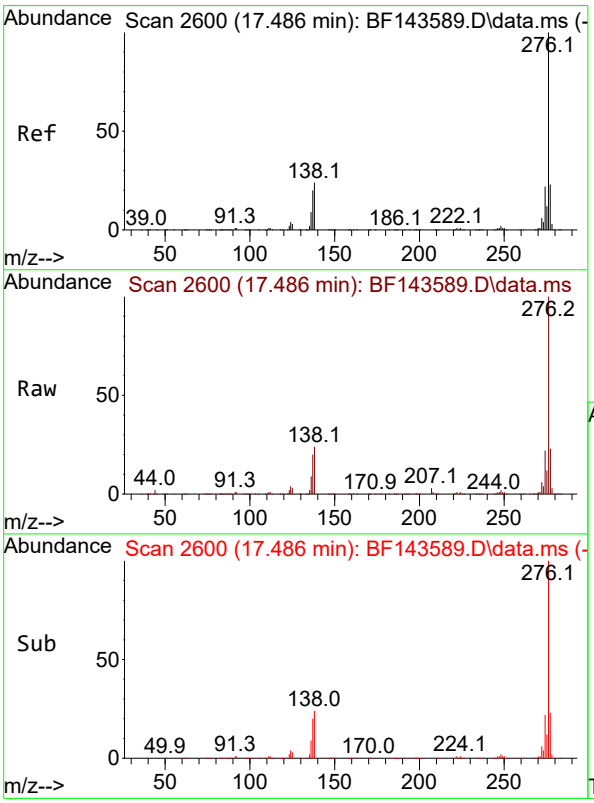
Tgt Ion:278 Resp: 77212

Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.8	20.8
279	24.2	19.4	29.0

Manual Integrations
APPROVED

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

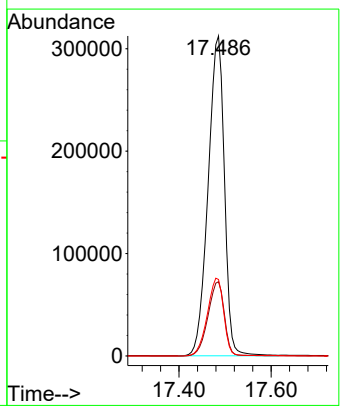




#92
Benzo(g,h,i)perylene
Concen: 41.649 ng
RT: 17.486 min Scan# 2600
Delta R.T. 0.000 min
Lab File: BF143589.D
Acq: 26 Aug 2025 11:06

Tgt Ion:276 Resp: 768069

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	27.8
138	23.9	19.1	28.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143590.D
Acq On : 26 Aug 2025 11:35
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 26 16:14:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	160488	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	606898	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	327641	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	505352	20.000	ng		0.00
76) Chrysene-d12	14.057	240	266551	20.000	ng		0.00
86) Perylene-d12	15.527	264	332150	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	893867	94.795	ng		0.00
7) Phenol-d6	6.516	99	1101697	94.331	ng		0.00
23) Nitrobenzene-d5	7.457	82	909639	107.018	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	266314	103.939	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1705535	89.002	ng		0.00
79) Terphenyl-d14	13.004	244	1439694	96.924	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	218885	47.449	ng		99
3) Pyridine	3.440	79	598037	51.627	ng		99
4) n-Nitrosodimethylamine	3.399	42	276710	50.200	ng		100
6) Aniline	6.557	93	790445	48.480	ng		100
8) 2-Chlorophenol	6.675	128	484279	48.543	ng		100
9) Benzaldehyde	6.445	77	405832	46.181	ng		99
10) Phenol	6.528	94	625089m	47.720	ng		
11) bis(2-Chloroethyl)ether	6.634	93	464124	46.240	ng		100
12) 1,3-Dichlorobenzene	6.834	146	537267	46.884	ng		99
13) 1,4-Dichlorobenzene	6.910	146	533010	46.128	ng		99
14) 1,2-Dichlorobenzene	7.063	146	513749	46.873	ng		99
15) Benzyl Alcohol	7.034	79	431070	49.249	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	850661	45.913	ng		98
17) 2-Methylphenol	7.140	107	408163	48.195	ng		100
18) Hexachloroethane	7.410	117	180037	49.036	ng		99
19) n-Nitroso-di-n-propyla...	7.316	70	345157	46.651	ng		99
20) 3+4-Methylphenols	7.298	107	492496	47.347	ng	#	88
22) Acetophenone	7.304	105	634514	46.424	ng	#	96
24) Nitrobenzene	7.481	77	498416	54.694	ng		98
25) Isophorone	7.722	82	952543	47.887	ng		99
26) 2-Nitrophenol	7.792	139	196734	51.520	ng		99
27) 2,4-Dimethylphenol	7.822	122	428136	49.469	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	571397	47.480	ng		100
29) 2,4-Dichlorophenol	8.028	162	414083	49.659	ng		98
30) 1,2,4-Trichlorobenzene	8.116	180	417445	47.948	ng		100
31) Naphthalene	8.198	128	1364825	46.546	ng		100
32) Benzoic acid	7.940	122	227931	50.621	ng		98
33) 4-Chloroaniline	8.245	127	492740	47.567	ng		99
34) Hexachlorobutadiene	8.316	225	259975	47.388	ng		100
35) Caprolactam	8.628	113	119937	50.629	ng		99
36) 4-Chloro-3-methylphenol	8.716	107	429718	49.292	ng		98
37) 2-Methylnaphthalene	8.887	142	889148	45.917	ng		100
38) 1-Methylnaphthalene	8.986	142	858840	45.955	ng		100
40) 1,2,4,5-Tetrachloroben...	9.051	216	407732	47.844	ng		98
41) Hexachlorocyclopentadiene	9.039	237	223212	53.241	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	294037	52.214	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143590.D
Acq On : 26 Aug 2025 11:35
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 26 16:14:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	291380	51.205	ng	99
46) 1,1'-Biphenyl	9.351	154	1050153	46.193	ng	99
47) 2-Chloronaphthalene	9.381	162	847842	47.211	ng	99
48) 2-Nitroaniline	9.469	65	251847	50.267	ng	99
49) Acenaphthylene	9.792	152	1219532	46.673	ng	100
50) Dimethylphthalate	9.651	163	966360	47.951	ng	99
51) 2,6-Dinitrotoluene	9.710	165	170353	50.095	ng	99
52) Acenaphthene	9.963	154	793413	46.356	ng	99
53) 3-Nitroaniline	9.881	138	201198	50.142	ng	99
54) 2,4-Dinitrophenol	9.981	184	53928	51.178	ng	89
55) Dibenzofuran	10.139	168	1167014	46.506	ng	98
56) 4-Nitrophenol	10.028	139	164759	49.650	ng	100
57) 2,4-Dinitrotoluene	10.110	165	226076	50.572	ng	99
58) Fluorene	10.481	166	847912	45.004	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	226907	53.935	ng	99
60) Diethylphthalate	10.351	149	898948	47.598	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	421624	45.758	ng	97
62) 4-Nitroaniline	10.492	138	187927	50.005	ng	99
63) Azobenzene	10.633	77	910084	47.527	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	89281	51.344	ng	97
66) n-Nitrosodiphenylamine	10.592	169	755634	47.009	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	262828	48.083	ng	99
68) Hexachlorobenzene	11.028	284	277692	47.494	ng	99
69) Atrazine	11.116	200	230238	49.829	ng	100
70) Pentachlorophenol	11.216	266	177401	53.106	ng	99
71) Phenanthrene	11.439	178	1257113	46.461	ng	100
72) Anthracene	11.492	178	1260551	46.229	ng	100
73) Carbazole	11.645	167	1080574	45.845	ng	100
74) Di-n-butylphthalate	11.980	149	1168015	48.652	ng	100
75) Fluoranthene	12.627	202	1088814	44.072	ng	99
77) Benzidine	12.745	184	237573	37.629	ng	100
78) Pyrene	12.857	202	1124413	50.405	ng	100
80) Butylbenzylphthalate	13.474	149	303475	48.160	ng	99
81) Benzo(a)anthracene	14.045	228	810442	48.328	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	226287	50.330	ng	98
83) Chrysene	14.080	228	752062	48.122	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	386823	47.451	ng	99
85) Di-n-octyl phthalate	14.651	149	751428	49.140	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	1163383	51.481	ng	99
88) Benzo(b)fluoranthene	15.098	252	836795	44.093	ng	100
89) Benzo(k)fluoranthene	15.127	252	853238	48.085	ng	100
90) Benzo(a)pyrene	15.468	252	820860	48.954	ng	100
91) Dibenzo(a,h)anthracene	17.057	278	935510	50.581	ng	100
92) Benzo(g,h,i)perylene	17.492	276	953242	52.059	ng	99

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

ICAL Form

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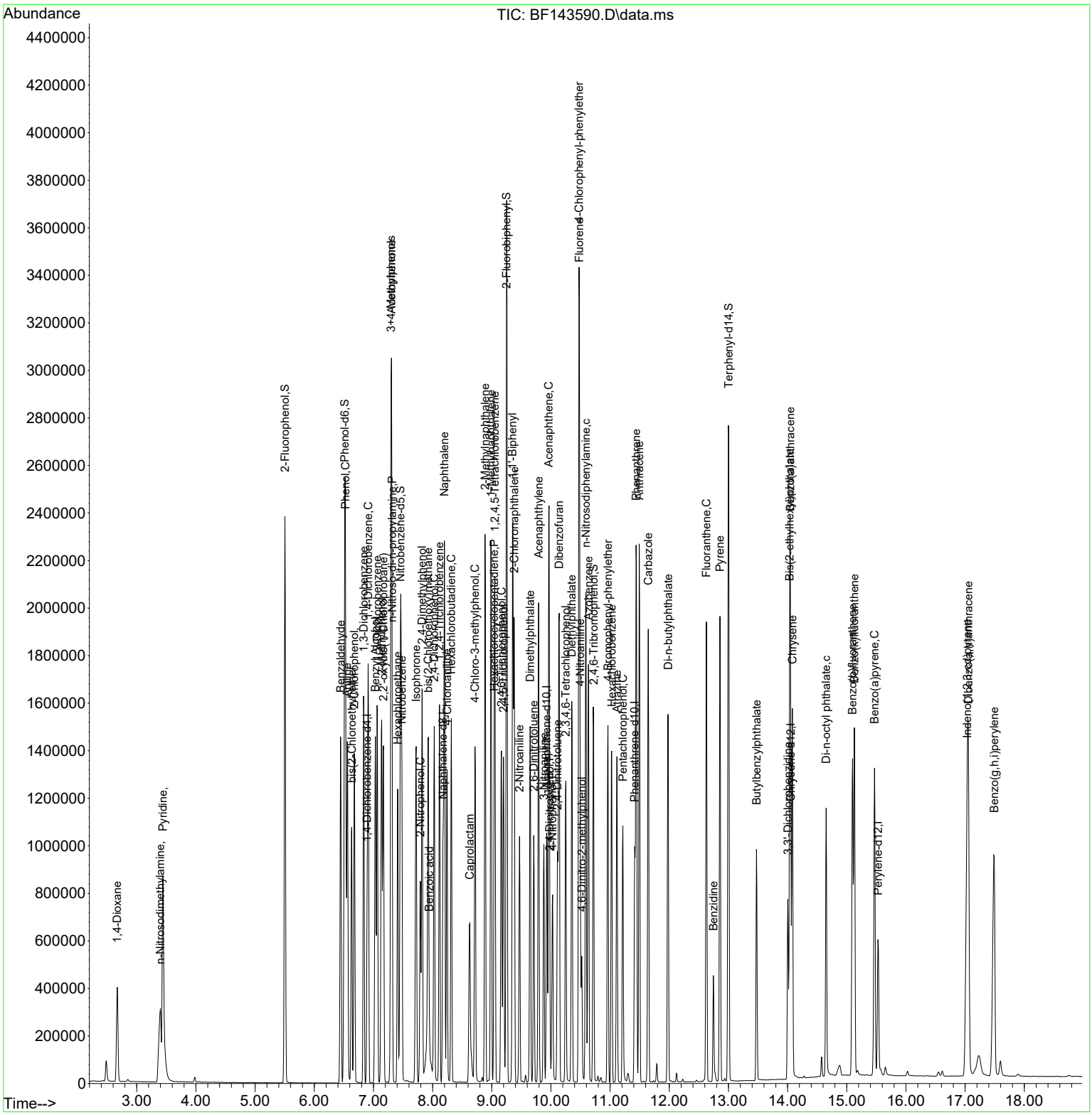
Data File : BF143590.D
Acq On : 26 Aug 2025 11:35
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

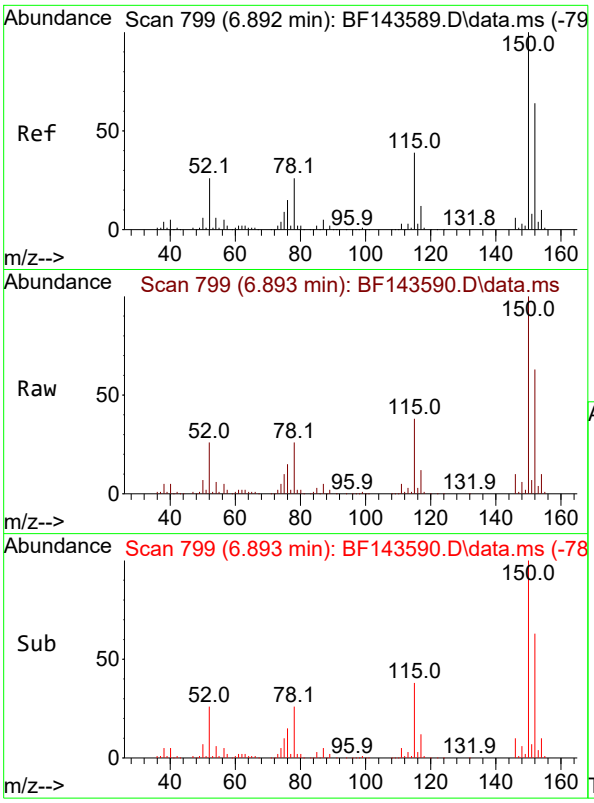
Quant Time: Aug 26 16:14:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

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

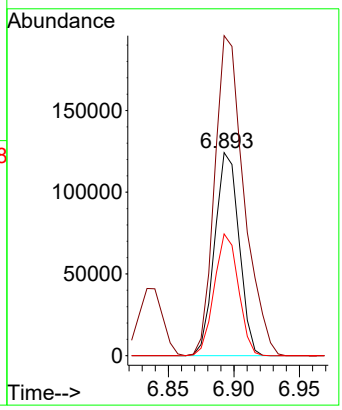




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 7
Delta R.T. 0.001 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:152 Resp: 16048

Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.9	187.3
115	60.0	48.0	72.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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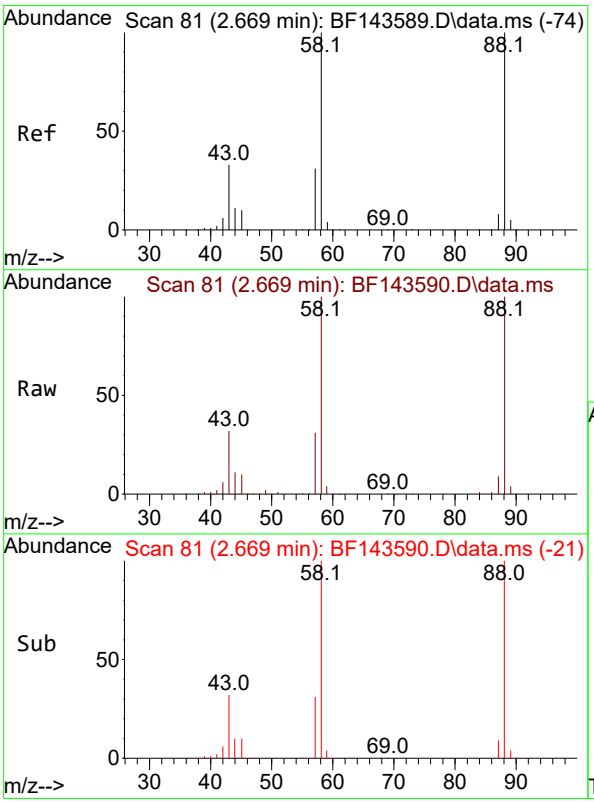
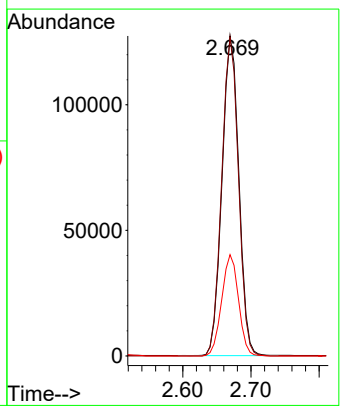
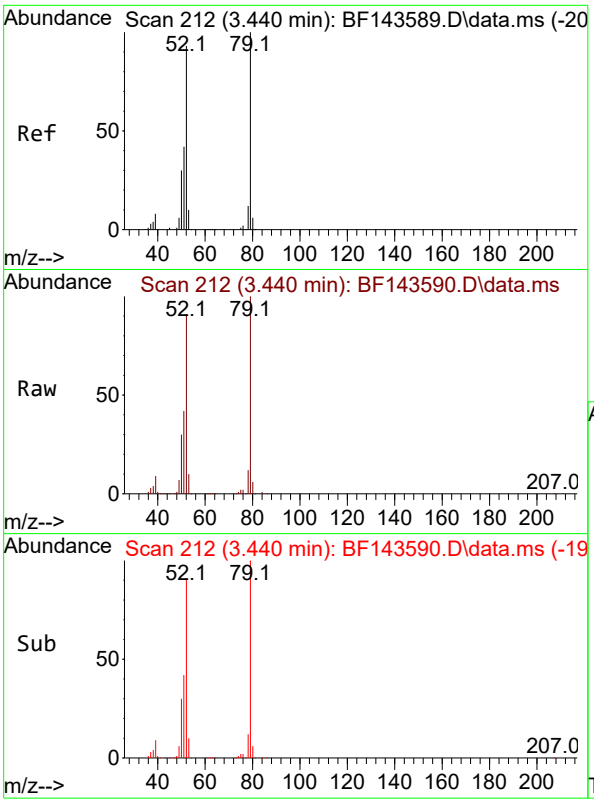


#2
1,4-Dioxane
Concen: 47.449 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion: 88 Resp: 218885

Ion	Ratio	Lower	Upper
88	100		
58	99.3	79.2	118.8
43	31.6	26.2	39.2

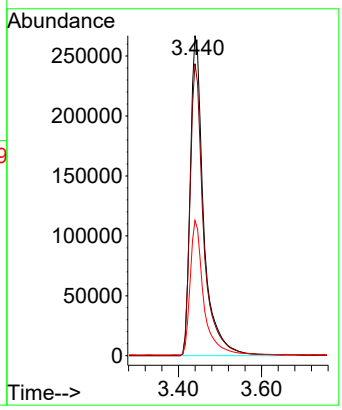




#3
Pyridine
Concen: 51.627 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion: 79 Resp: 59803

Ion	Ratio	Lower	Upper
79	100		
52	91.2	74.3	111.5
51	42.3	33.5	50.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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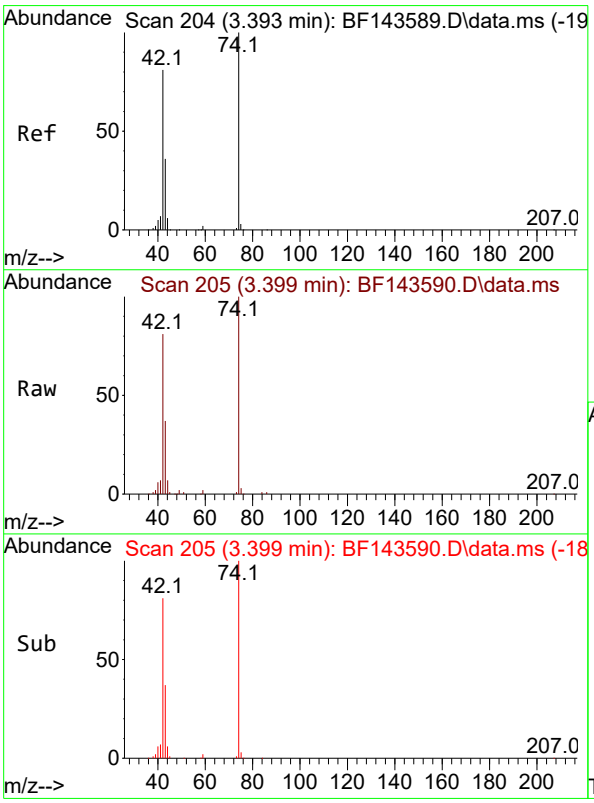
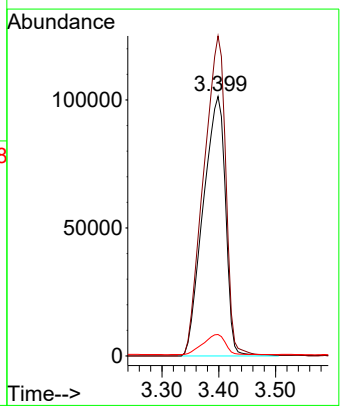
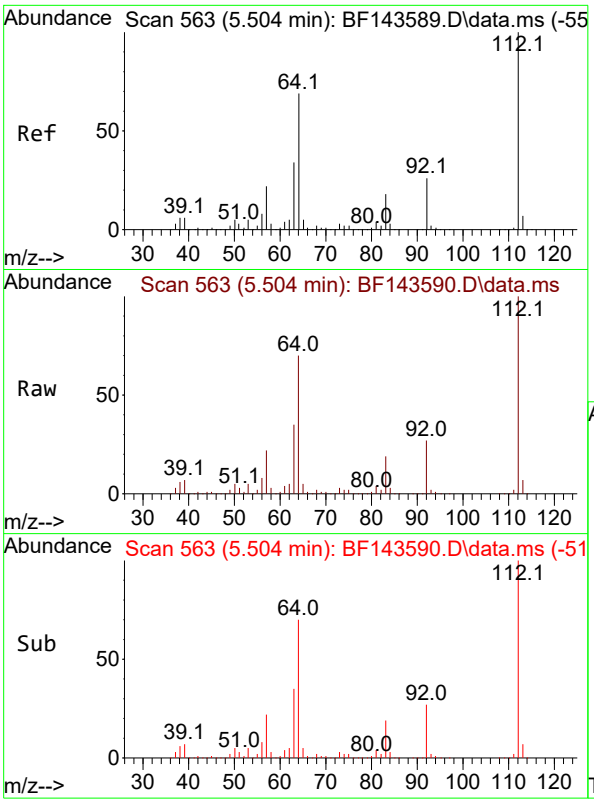


#4
n-Nitrosodimethylamine
Concen: 50.200 ng
RT: 3.399 min Scan# 205
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion: 42 Resp: 276710

Ion	Ratio	Lower	Upper
42	100		
74	123.3	98.9	148.3
44	8.2	7.0	10.4

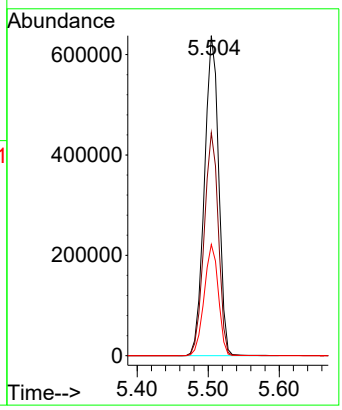




#5
2-Fluorophenol
Concen: 94.795 ng
RT: 5.504 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:112 Resp: 89386

Ion	Ratio	Lower	Upper
112	100		
64	69.7	54.8	82.2
63	34.8	27.6	41.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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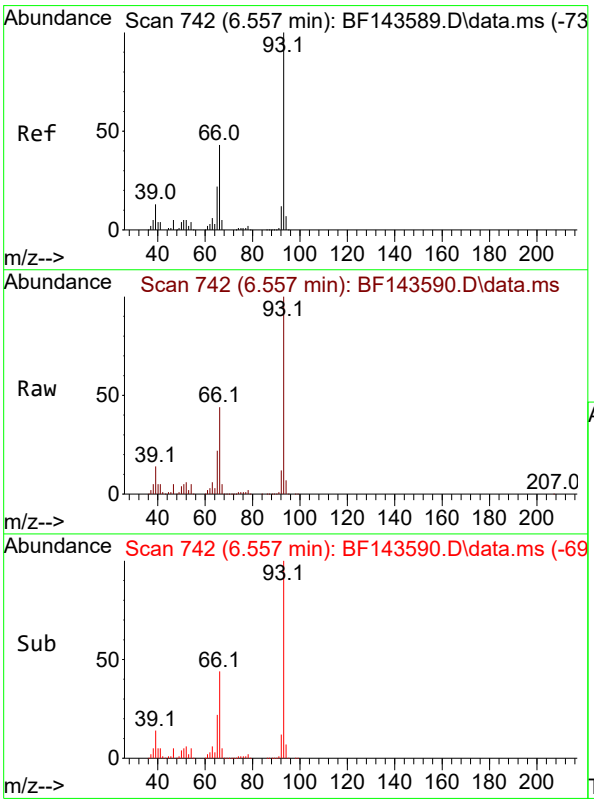
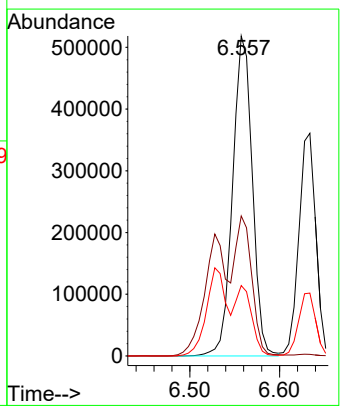
Supervised By :Jagrut Upadhyay 08/27/2025

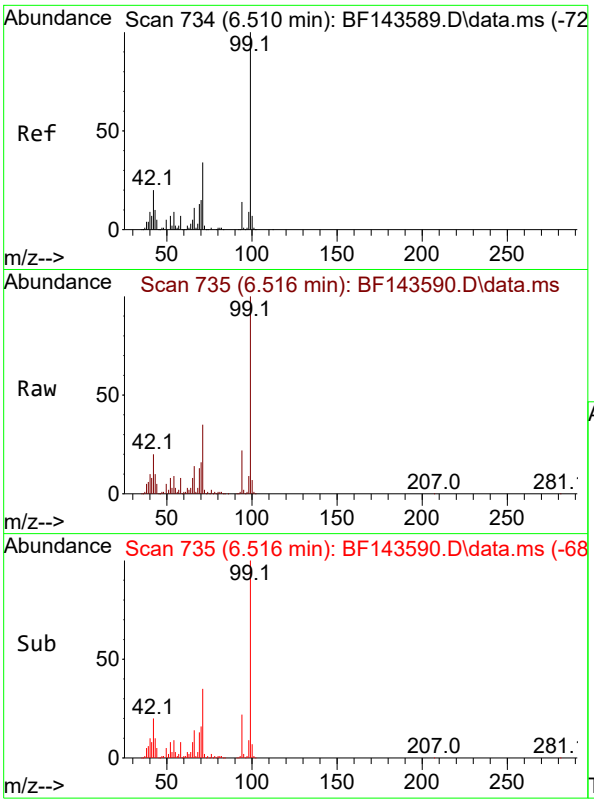


#6
Aniline
Concen: 48.480 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion: 93 Resp: 790445

Ion	Ratio	Lower	Upper
93	100		
66	43.8	35.0	52.4
65	22.0	17.5	26.3

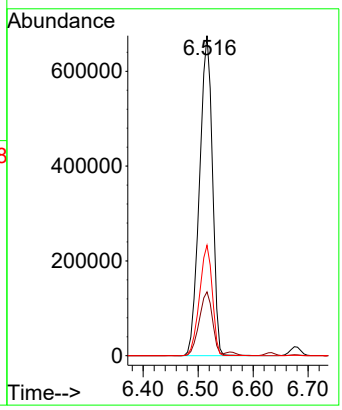




#7
Phenol-d6
Concen: 94.331 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion: 99 Resp: 110169

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.9	23.9
71	34.5	27.2	40.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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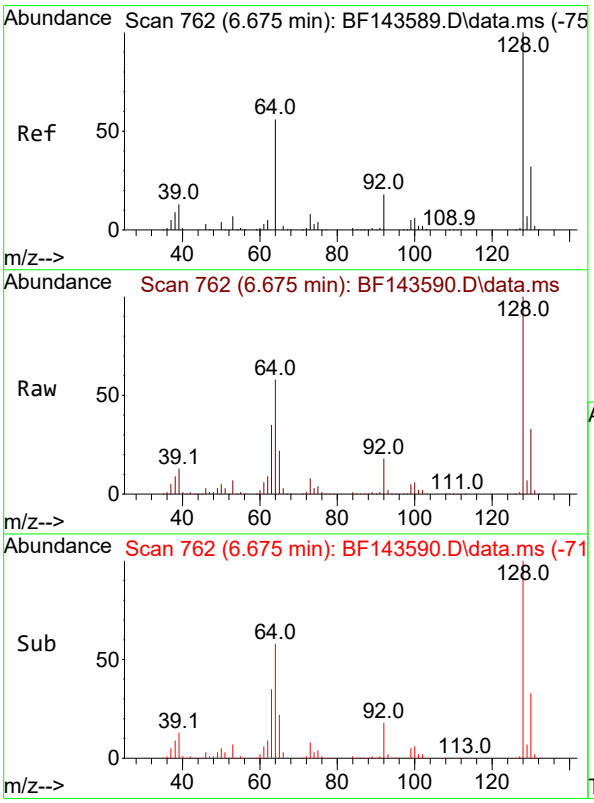
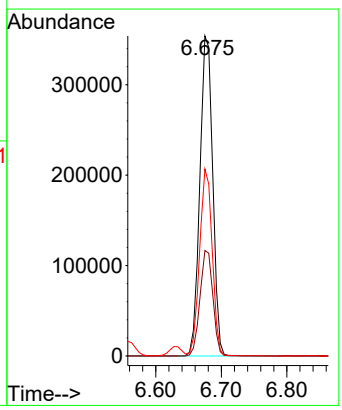
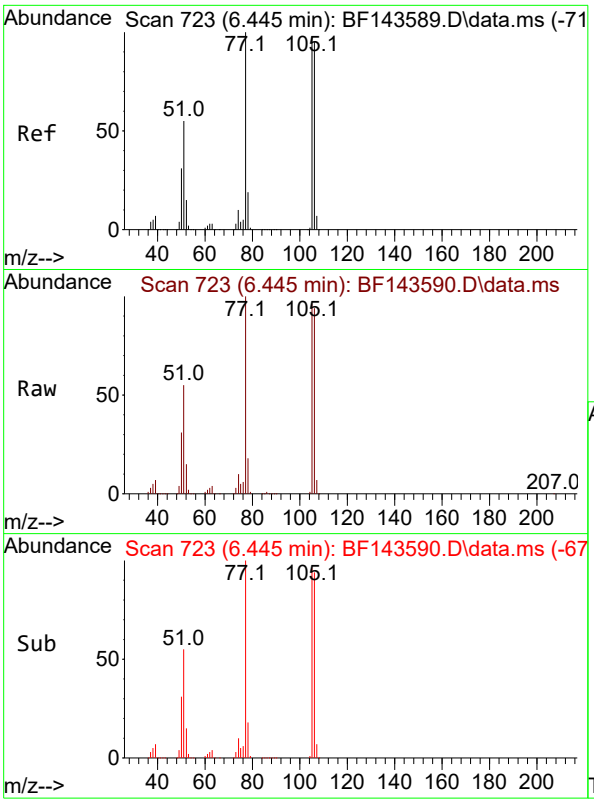


#8
2-Chlorophenol
Concen: 48.543 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:128 Resp: 484279

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.3	52.3
64	58.4	38.4	78.4

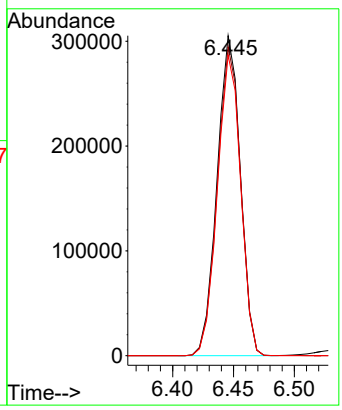




#9
Benzaldehyde
Concen: 46.181 ng
RT: 6.445 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion: 77 Resp: 40583

Ion	Ratio	Lower	Upper
77	100		
105	96.5	77.9	117.9
106	93.9	74.9	114.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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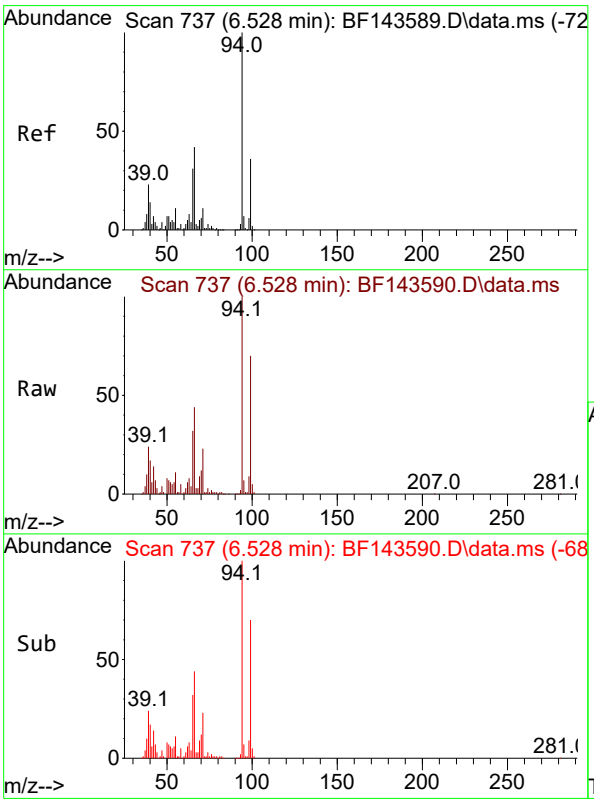
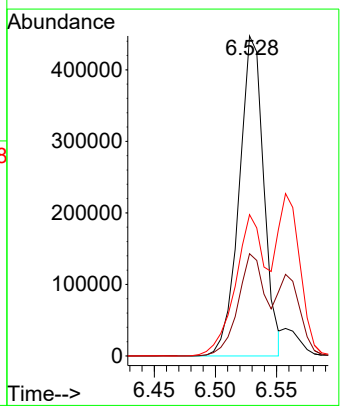
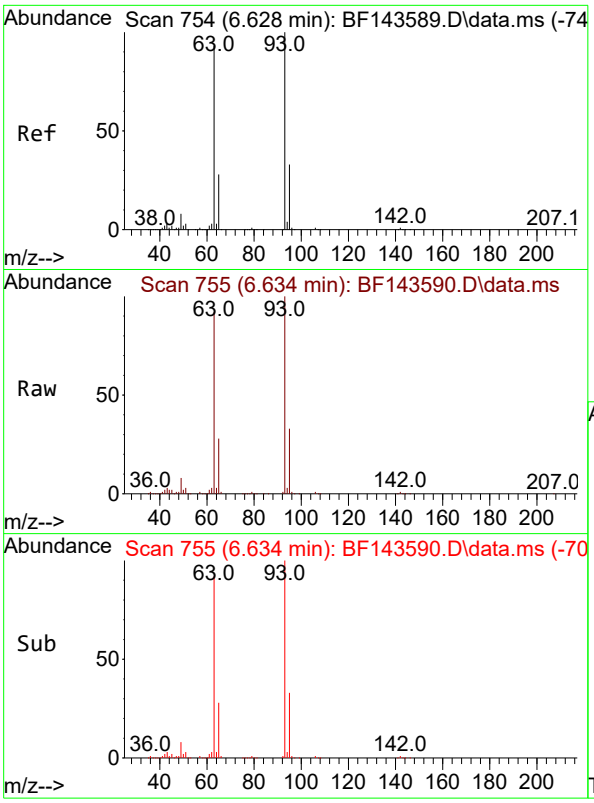


#10
Phenol
Concen: 47.720 ng m
RT: 6.528 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion: 94 Resp: 625089

Ion	Ratio	Lower	Upper
94	100		
65	32.0	11.0	51.0
66	44.2	22.1	62.1

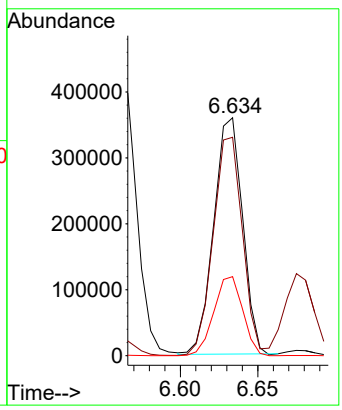




#11
bis(2-Chloroethyl)ether
Concen: 46.240 ng
RT: 6.634 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion: 93 Resp: 46412

Ion	Ratio	Lower	Upper
93	100		
63	91.8	72.1	112.1
95	33.3	12.8	52.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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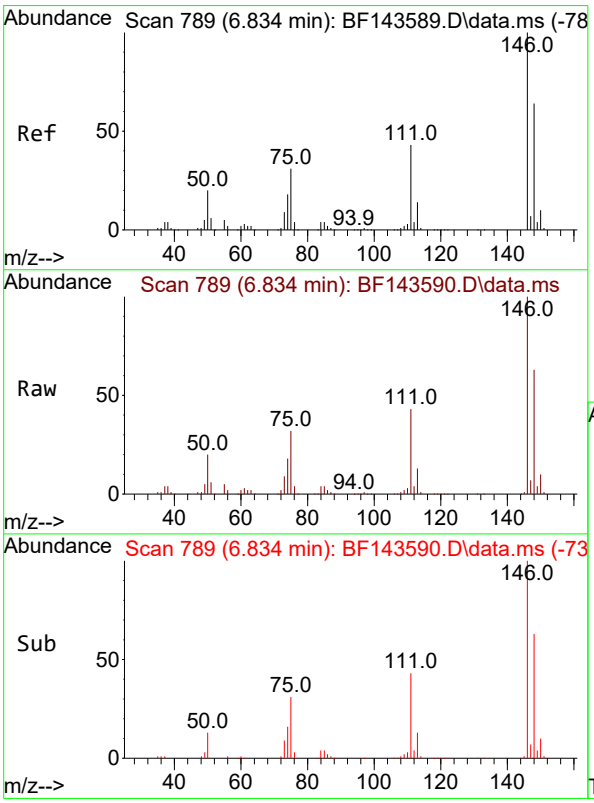
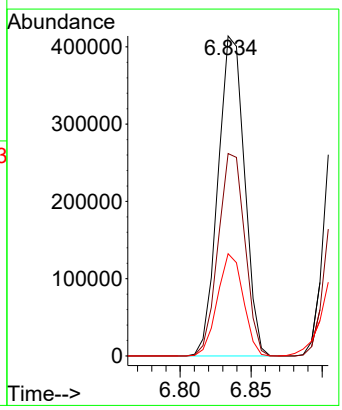
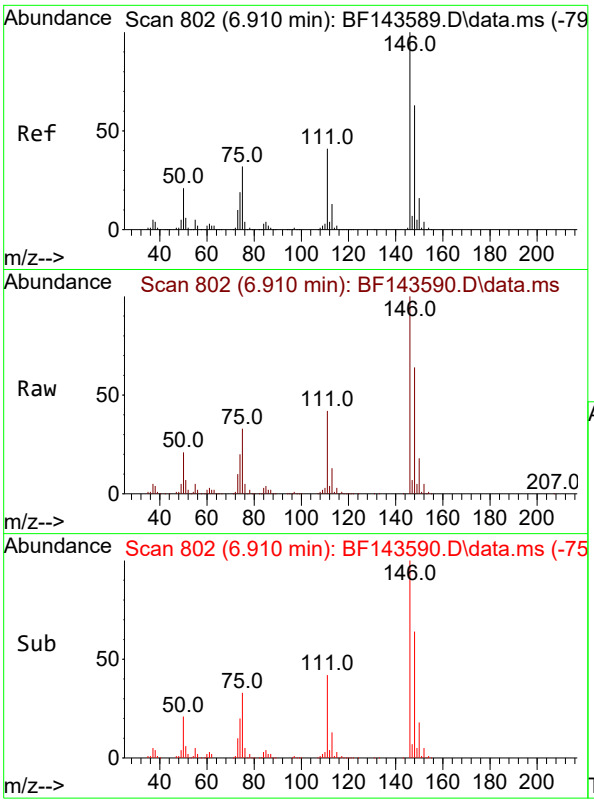


#12
1,3-Dichlorobenzene
Concen: 46.884 ng
RT: 6.834 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:146 Resp: 537267

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.1	76.7
75	32.0	25.2	37.8





#13
1,4-Dichlorobenzene
Concen: 46.128 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:146 Resp: 53301

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	75.8
111	41.7	32.4	48.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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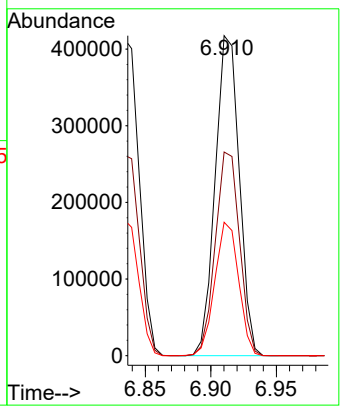
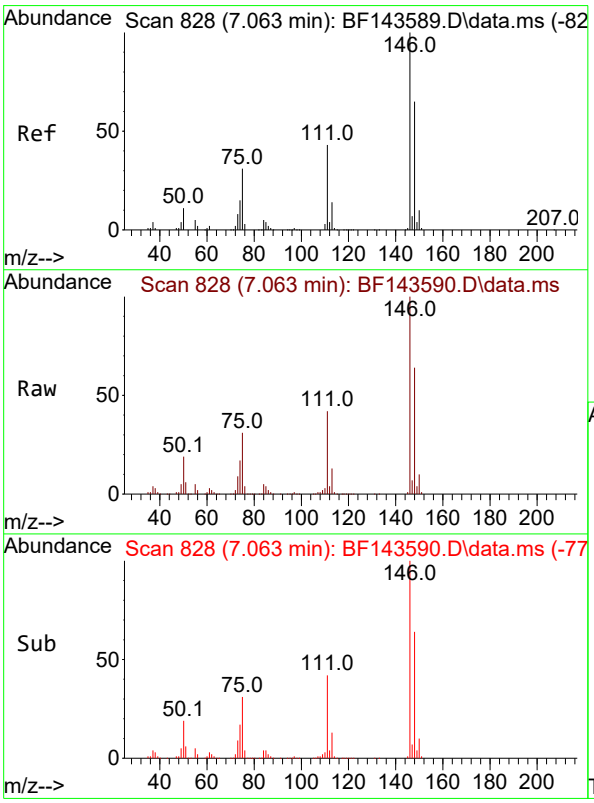
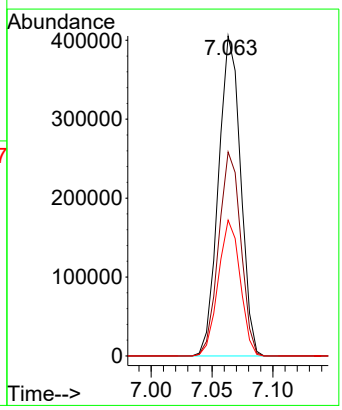


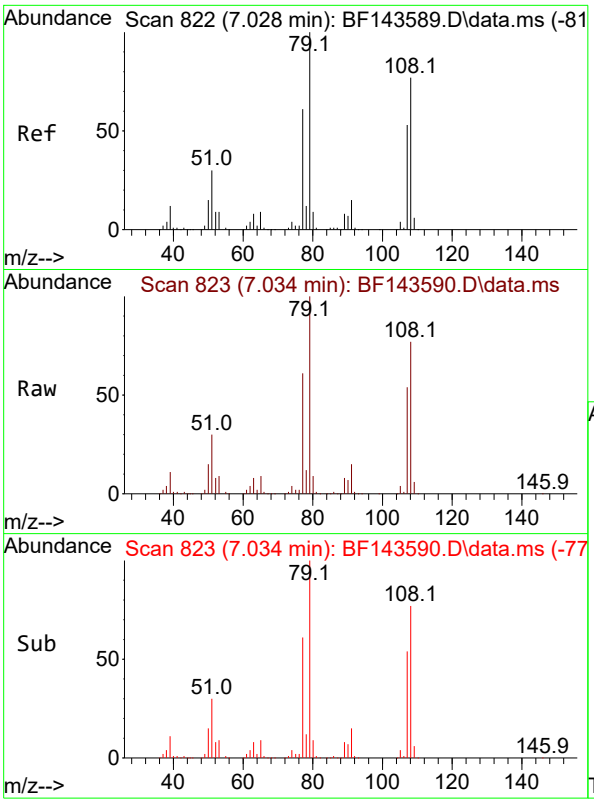


#14
1,2-Dichlorobenzene
Concen: 46.873 ng
RT: 7.063 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:146 Resp: 513749

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.7	77.5
111	42.5	34.7	52.1





#15
Benzyl Alcohol
Concen: 49.249 ng
RT: 7.034 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion: 79 Resp: 43107

Ion	Ratio	Lower	Upper
79	100		
108	76.6	61.3	91.9
77	60.6	48.7	73.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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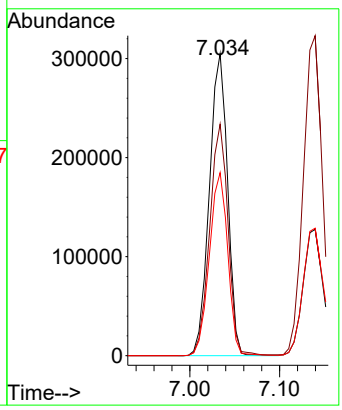
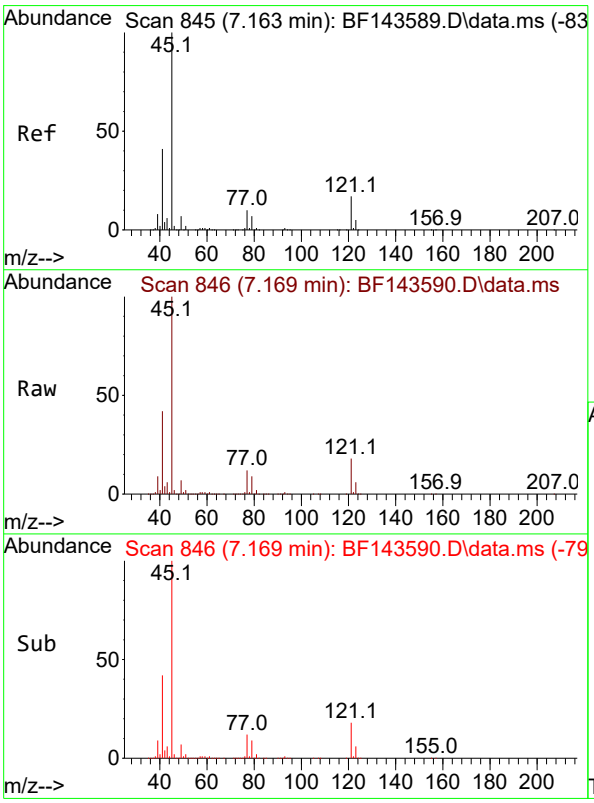
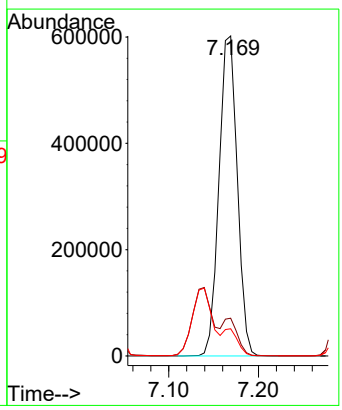


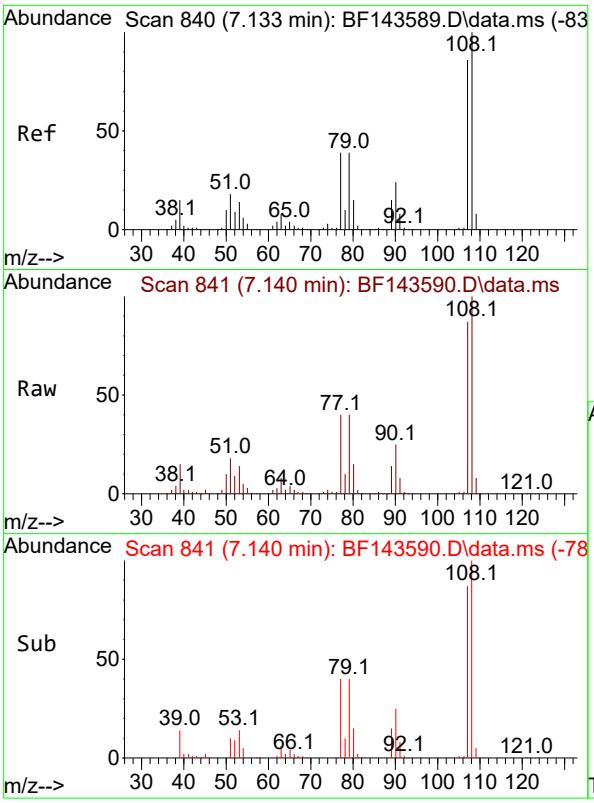


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.913 ng
RT: 7.169 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion: 45 Resp: 850661

Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	31.1
79	8.5	0.0	28.1

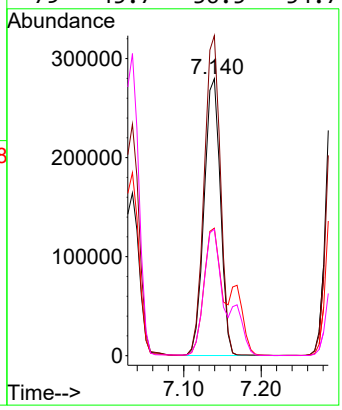




#17
2-Methylphenol
Concen: 48.195 ng
RT: 7.140 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:107 Resp: 40816

Ion	Ratio	Lower	Upper
107	100		
108	115.6	92.6	138.8
77	46.0	36.3	54.5
79	45.7	36.5	54.7



Instrument :
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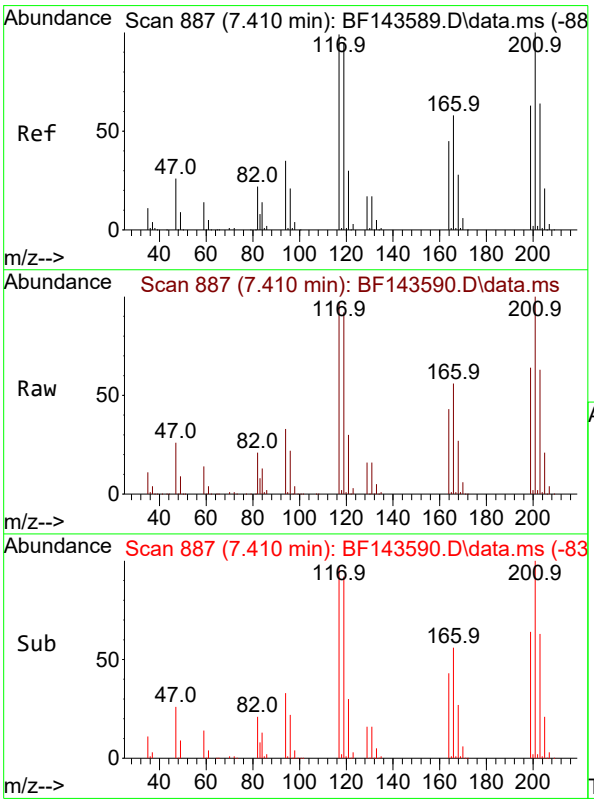
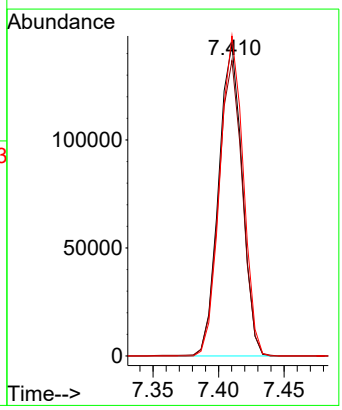
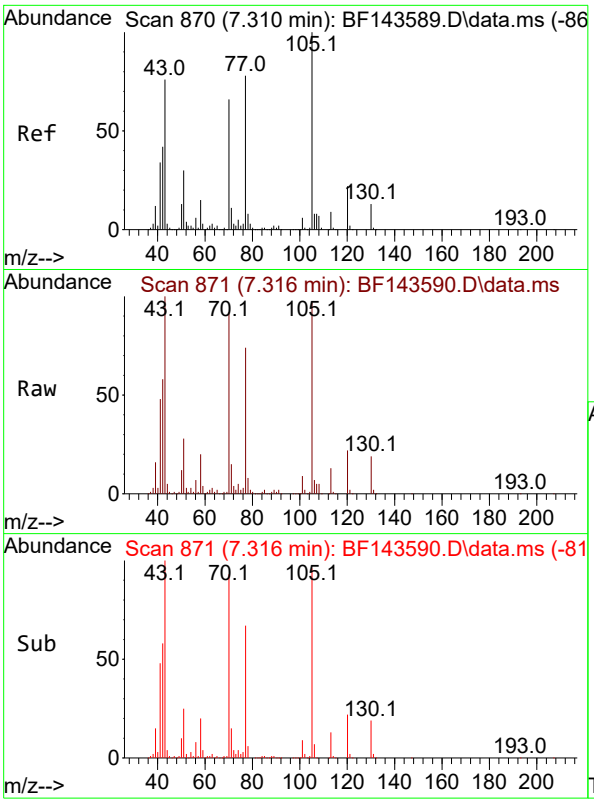


#18
Hexachloroethane
Concen: 49.036 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:117 Resp: 180037

Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.6	115.0
201	102.7	81.0	121.4

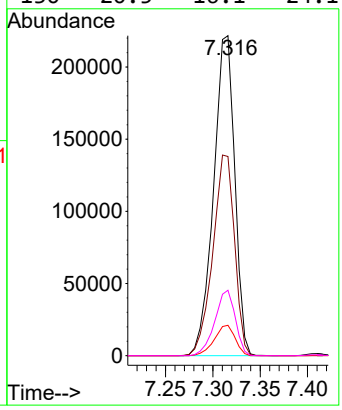




#19
n-Nitroso-di-n-propylamine
Concen: 46.651 ng
RT: 7.316 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion: 70 Resp: 34515

Ion	Ratio	Lower	Upper
70	100		
42	62.3	50.6	75.8
101	9.5	7.5	11.3
130	20.5	16.1	24.1



Instrument :
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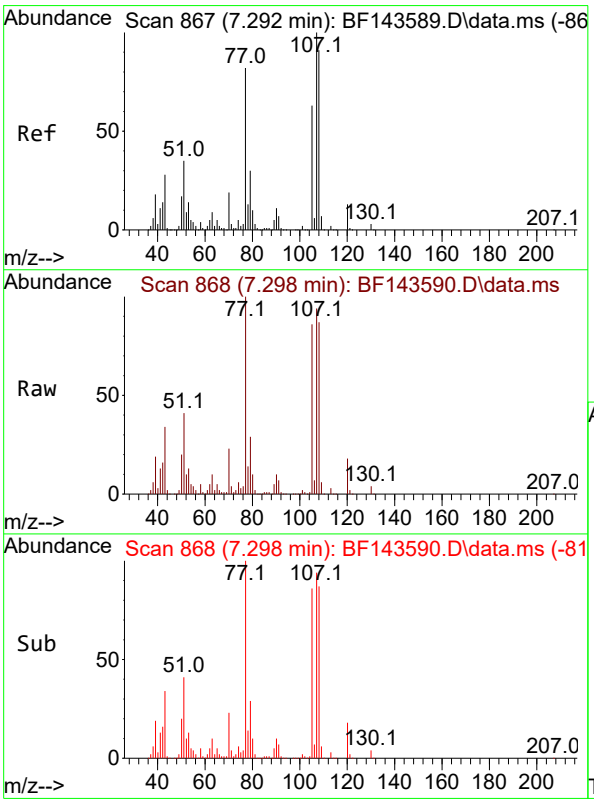
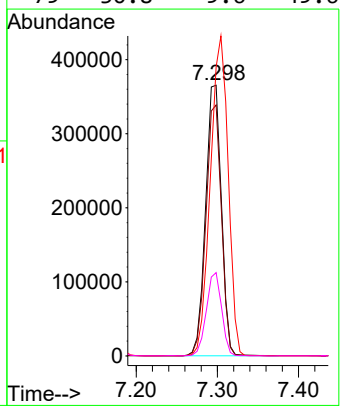
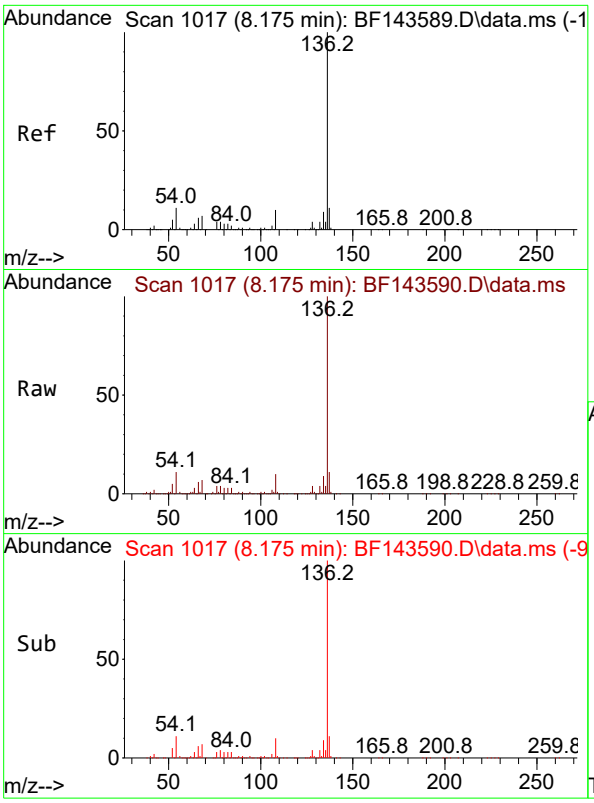


#20
3+4-Methylphenols
Concen: 47.347 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:107 Resp: 492496

Ion	Ratio	Lower	Upper
107	100		
108	92.8	71.1	111.1
77	106.7	62.5	102.5#
79	30.8	9.6	49.6

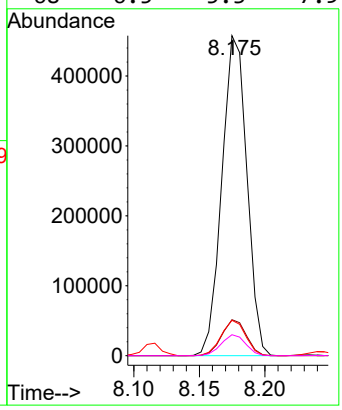




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:136 Resp: 60689

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	11.0	9.0	13.6
68	6.5	5.3	7.9



Instrument :
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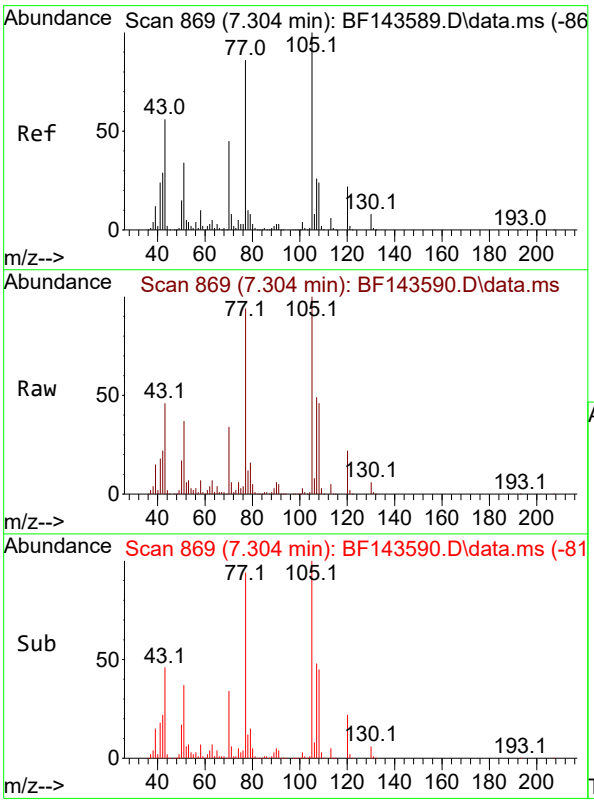
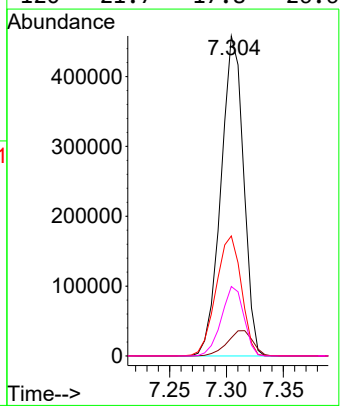
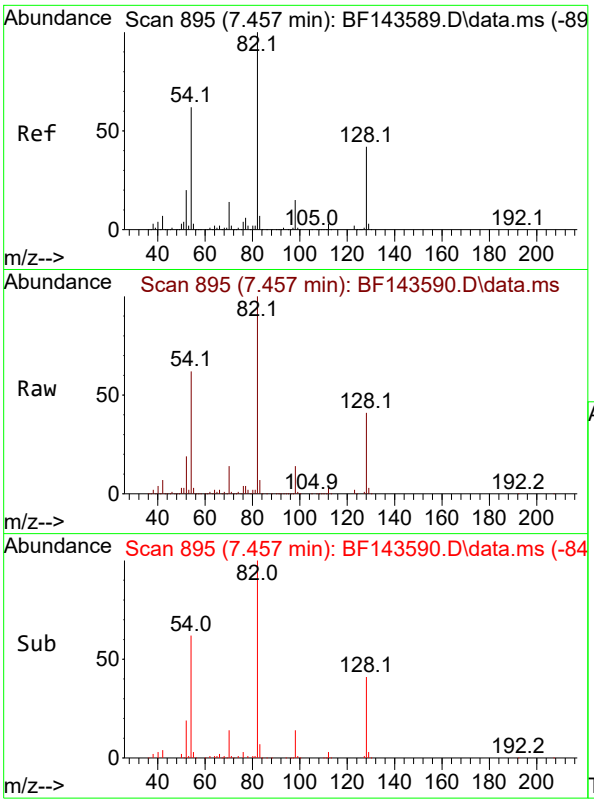


#22
Acetophenone
Concen: 46.424 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:105 Resp: 634514

Ion	Ratio	Lower	Upper
105	100		
71	5.7	6.0	9.0#
51	37.5	27.0	40.6
120	21.7	17.8	26.6





#23
Nitrobenzene-d5
Concen: 107.018 ng
RT: 7.457 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion: 82 Resp: 90963

Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.4	50.2
54	62.0	49.3	73.9

Instrument :
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ClientSampleId :
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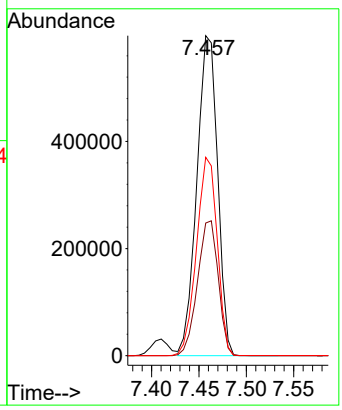
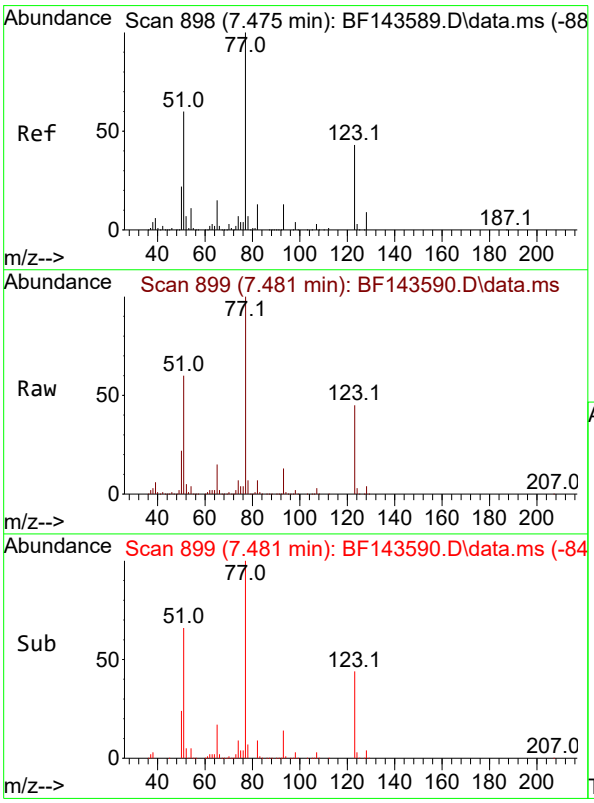
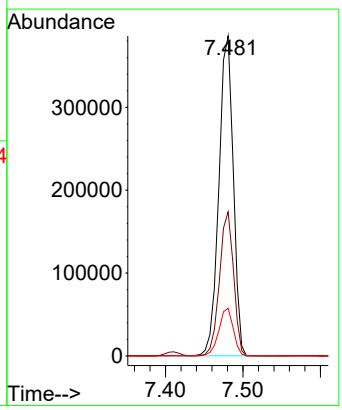


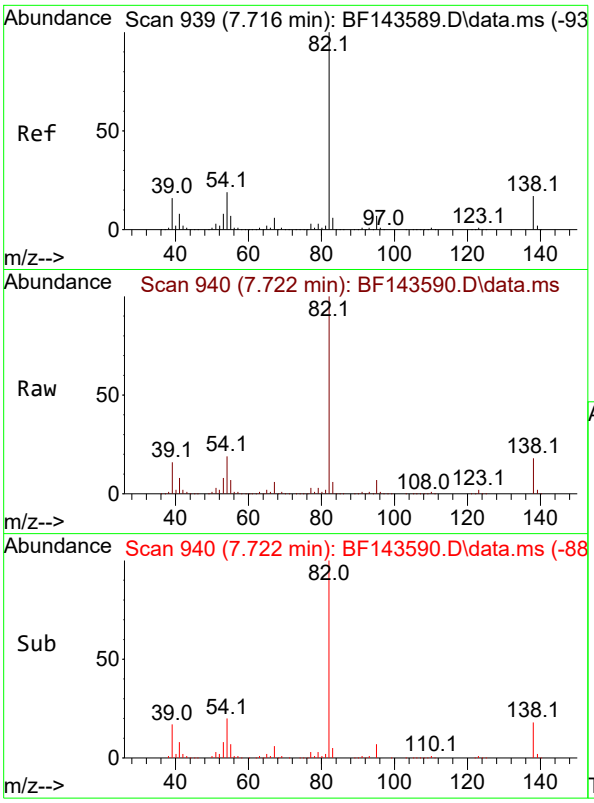


#24
Nitrobenzene
Concen: 54.694 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion: 77 Resp: 498416

Ion	Ratio	Lower	Upper
77	100		
123	45.0	34.9	52.3
65	14.9	12.0	18.0

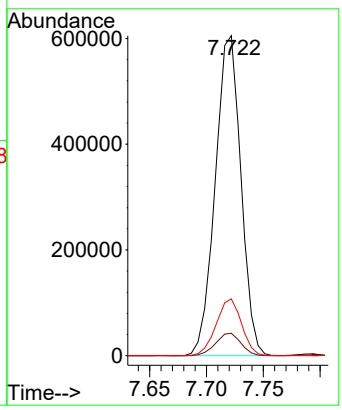




#25
Isophorone
Concen: 47.887 ng
RT: 7.722 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion: 82 Resp: 95254

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.5	8.3
138	17.8	13.8	20.8



Instrument :
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ClientSampleId :
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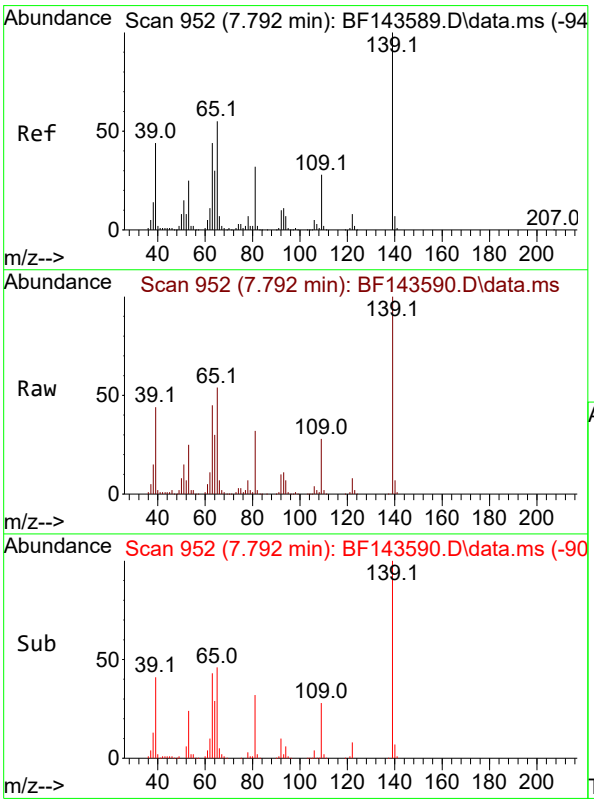
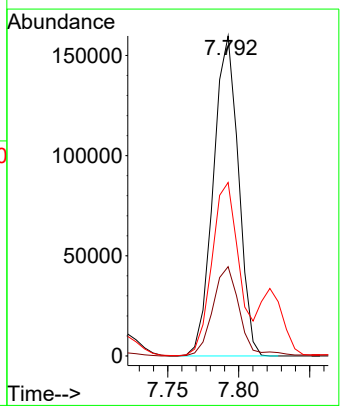
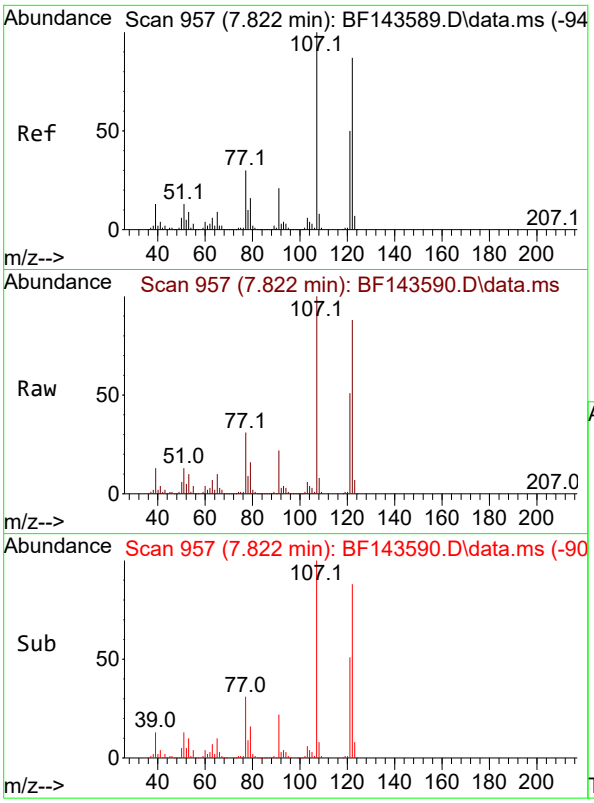


#26
2-Nitrophenol
Concen: 51.520 ng
RT: 7.792 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:139 Resp: 196734

Ion	Ratio	Lower	Upper
139	100		
109	27.9	22.3	33.5
65	54.2	44.0	66.0

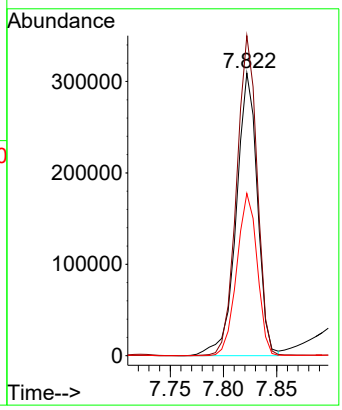




#27
2,4-Dimethylphenol
Concen: 49.469 ng
RT: 7.822 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:122 Resp: 42813

Ion	Ratio	Lower	Upper
122	100		
107	113.2	92.1	138.1
121	57.4	46.2	69.4



Instrument :
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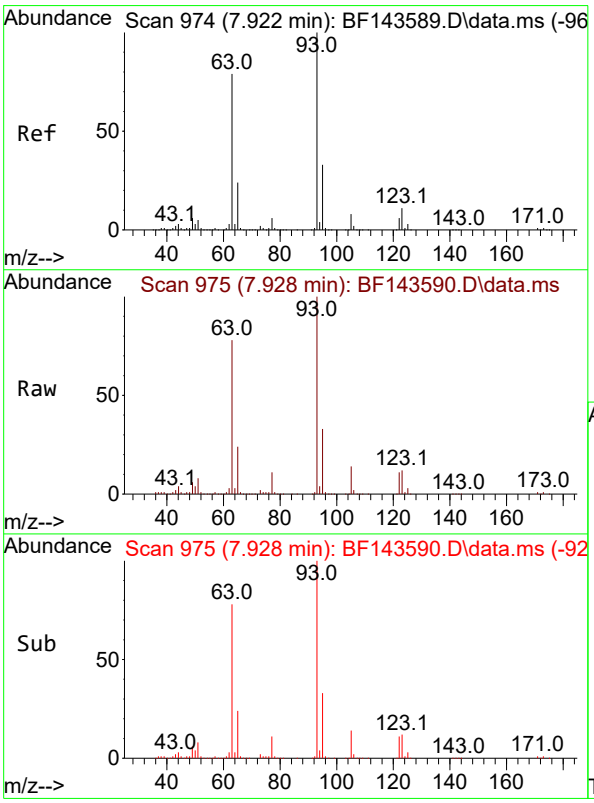
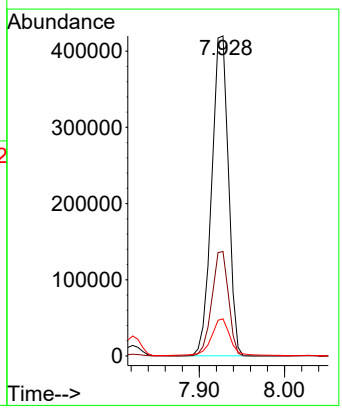
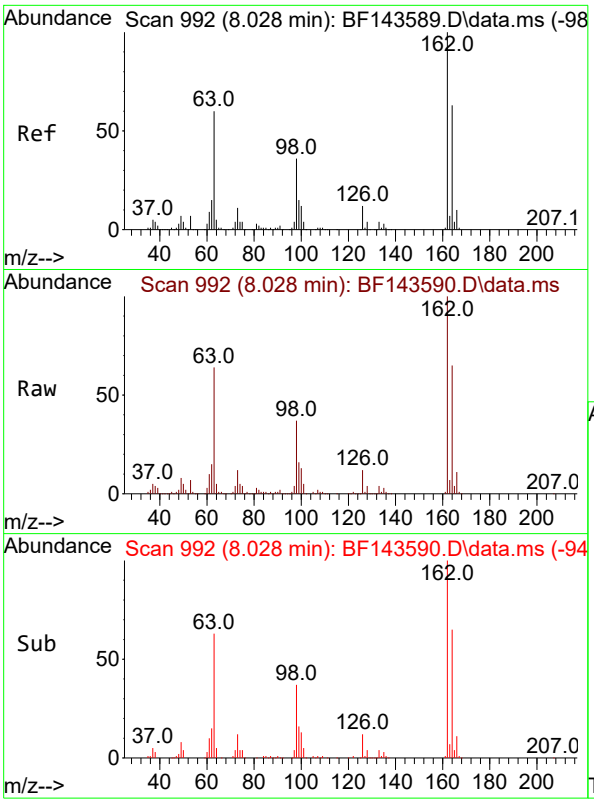


#28
bis(2-Chloroethoxy)methane
Concen: 47.480 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion: 93 Resp: 571397

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.2
123	11.6	9.3	13.9





#29
2,4-Dichlorophenol
Concen: 49.659 ng
RT: 8.028 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:162 Resp: 41408

Ion	Ratio	Lower	Upper
162	100		
164	64.6	43.3	83.3
98	37.0	16.1	56.1

Instrument :
BNA_F
ClientSampleId :
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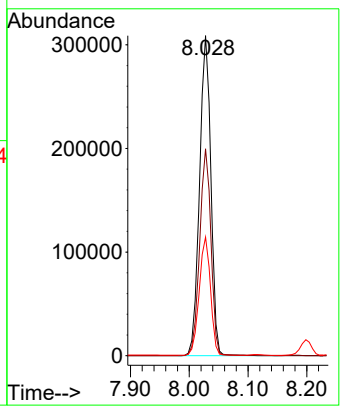
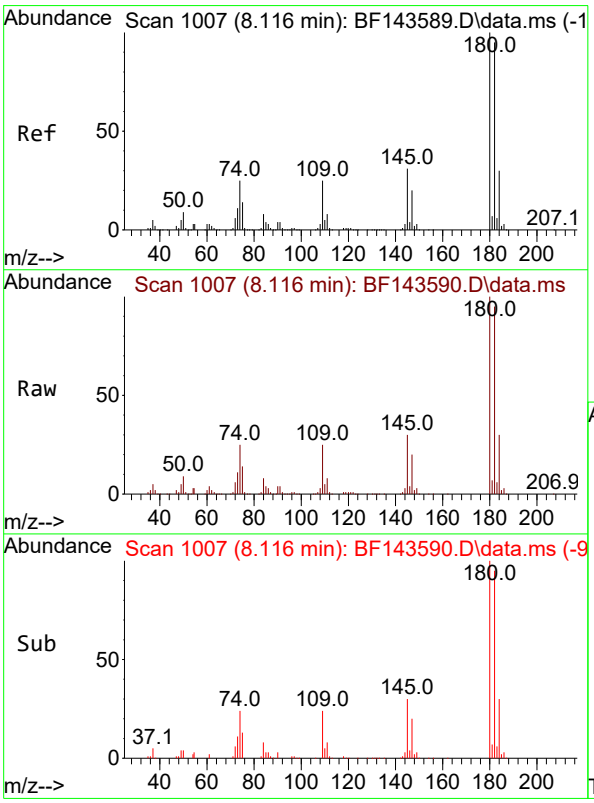
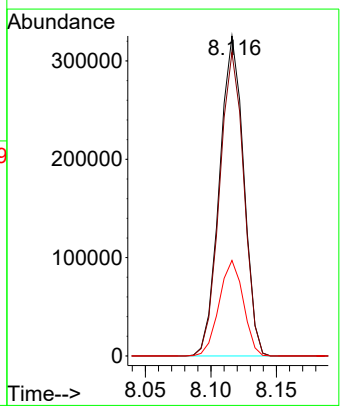


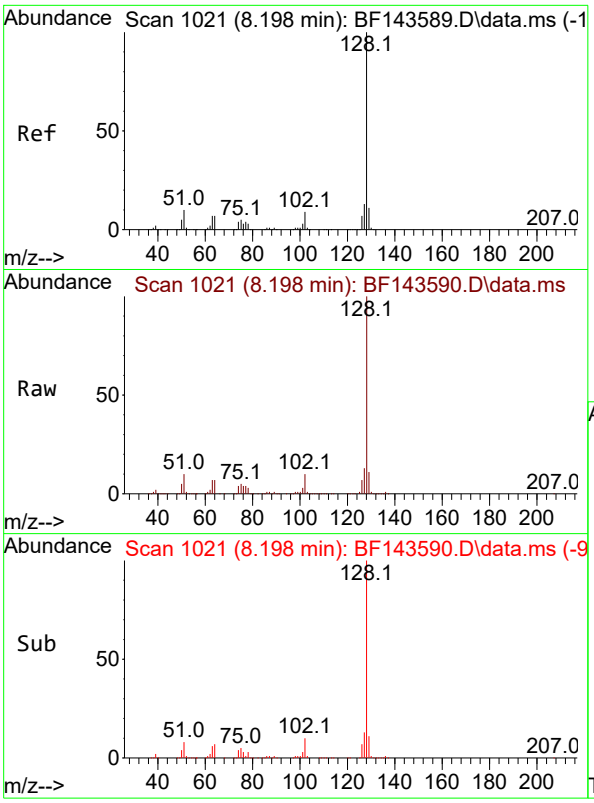


#30
1,2,4-Trichlorobenzene
Concen: 47.948 ng
RT: 8.116 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:180 Resp: 417445

Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.8	113.6
145	29.9	24.5	36.7

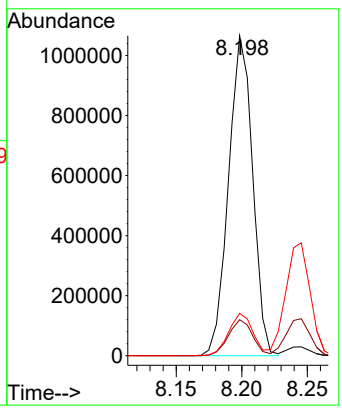




#31
Naphthalene
Concen: 46.546 ng
RT: 8.198 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:128 Resp: 136482

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.3	10.6	15.8



Instrument :
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ClientSampleId :
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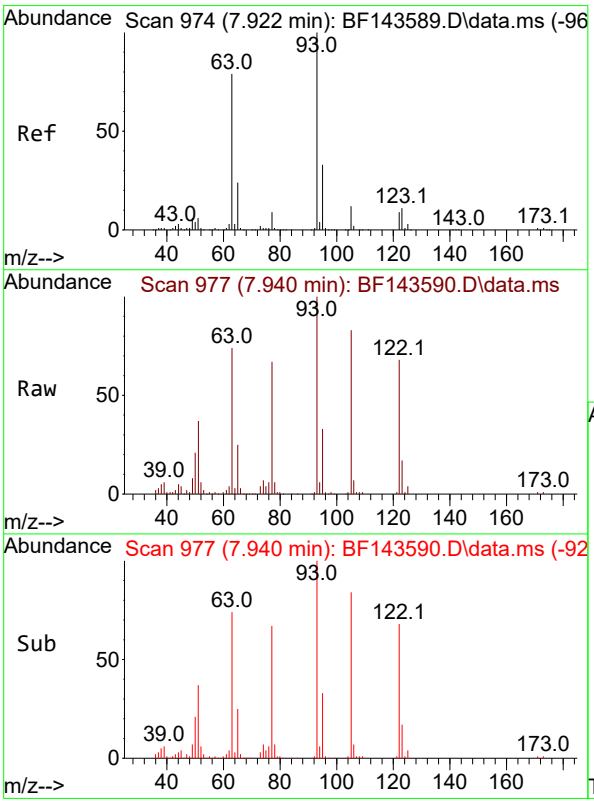
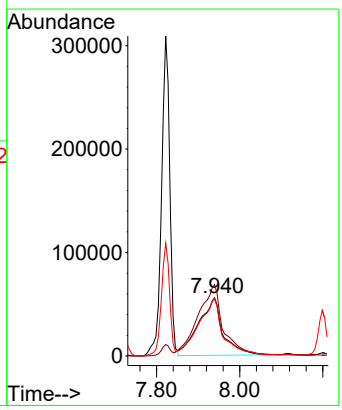
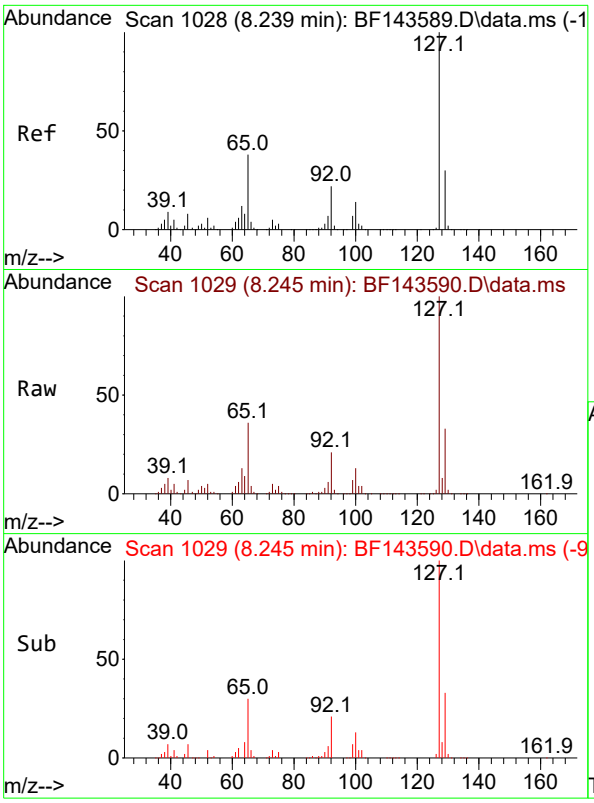


#32
Benzoic acid
Concen: 50.621 ng
RT: 7.940 min Scan# 977
Delta R.T. 0.018 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:122 Resp: 227931

Ion	Ratio	Lower	Upper
122	100		
105	122.6	106.4	146.4
77	98.2	79.3	119.3

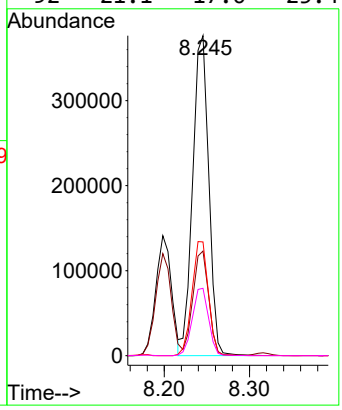




#33
4-Chloroaniline
Concen: 47.567 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:127 Resp: 49274

Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.6
65	35.5	29.7	44.5
92	21.1	17.0	25.4



Instrument :
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ClientSampleId :
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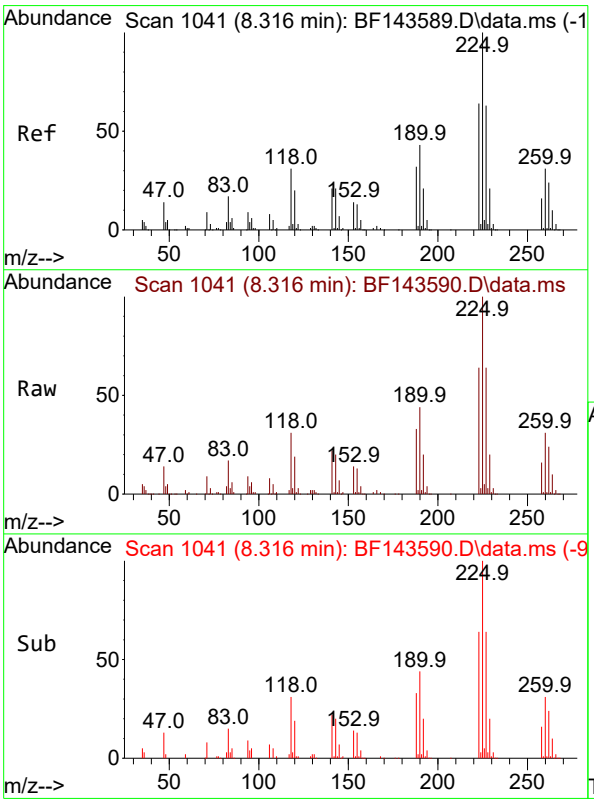
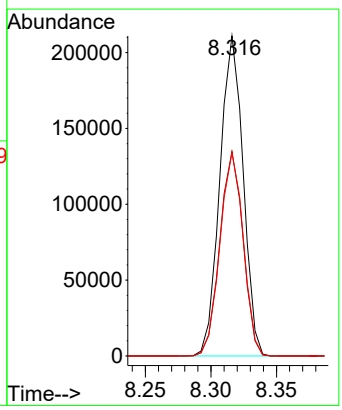
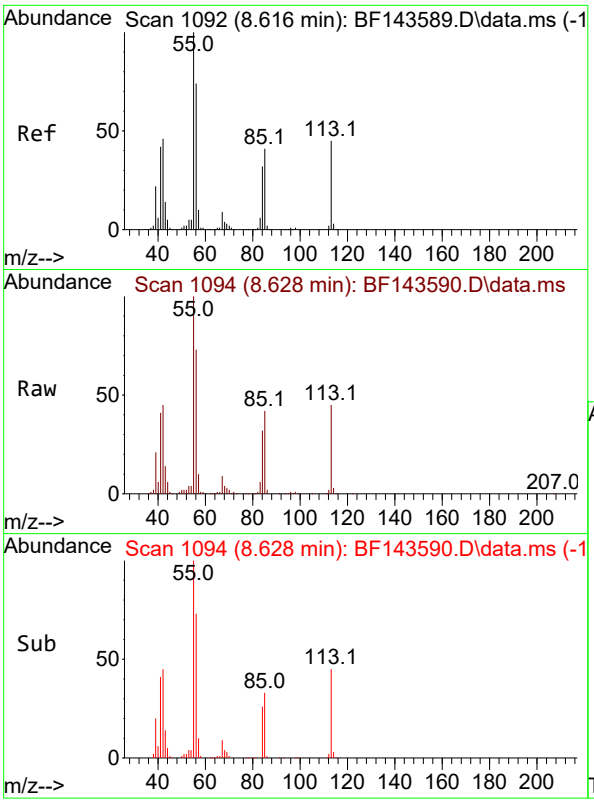


#34
Hexachlorobutadiene
Concen: 47.388 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:225 Resp: 259975

Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.8	76.2
227	63.6	50.6	76.0

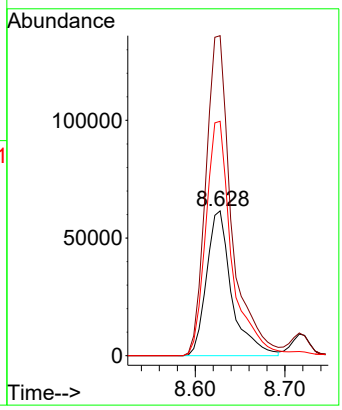




#35
Caprolactam
Concen: 50.629 ng
RT: 8.628 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:113 Resp: 11993

Ion	Ratio	Lower	Upper
113	100		
55	221.0	202.1	242.1
56	161.9	145.4	185.4



Instrument :
BNA_F
ClientSampleId :
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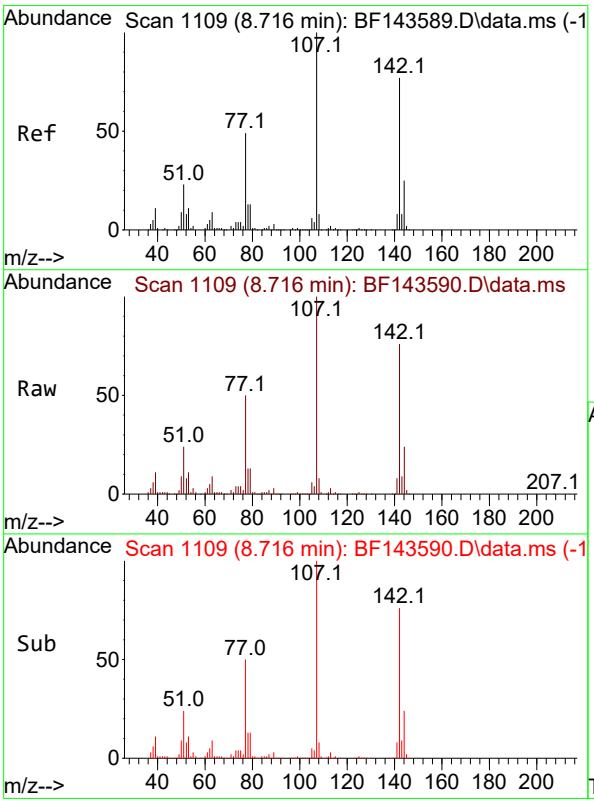
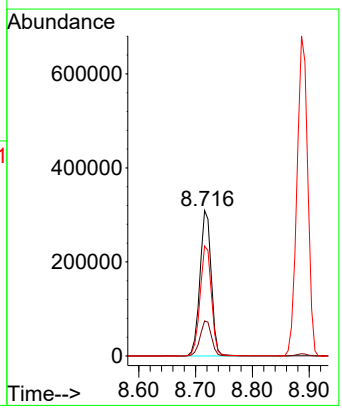
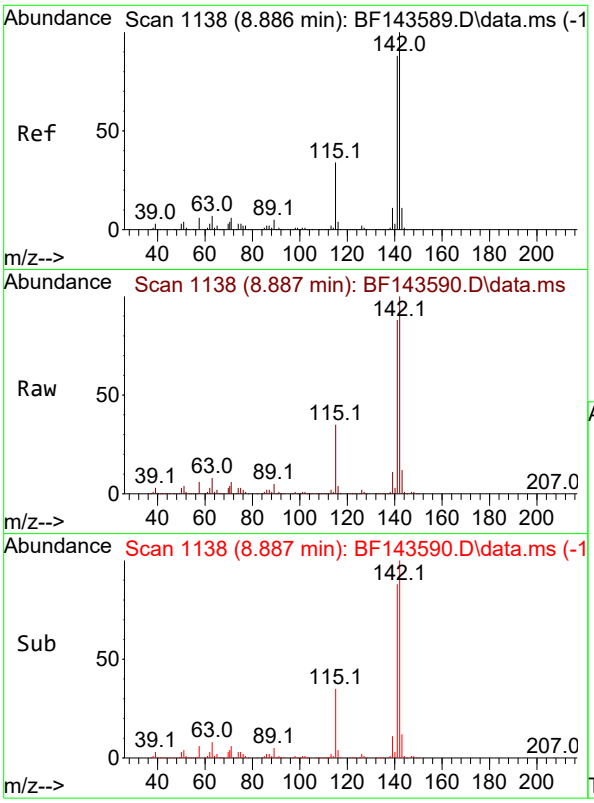


#36
4-Chloro-3-methylphenol
Concen: 49.292 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:107 Resp: 429718

Ion	Ratio	Lower	Upper
107	100		
144	24.1	19.8	29.6
142	75.6	61.7	92.5





#37
2-Methylnaphthalene
Concen: 45.917 ng
RT: 8.887 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:142 Resp: 88914

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.2	105.4

Instrument :
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ClientSampleId :
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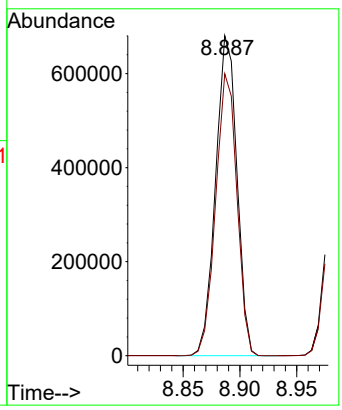
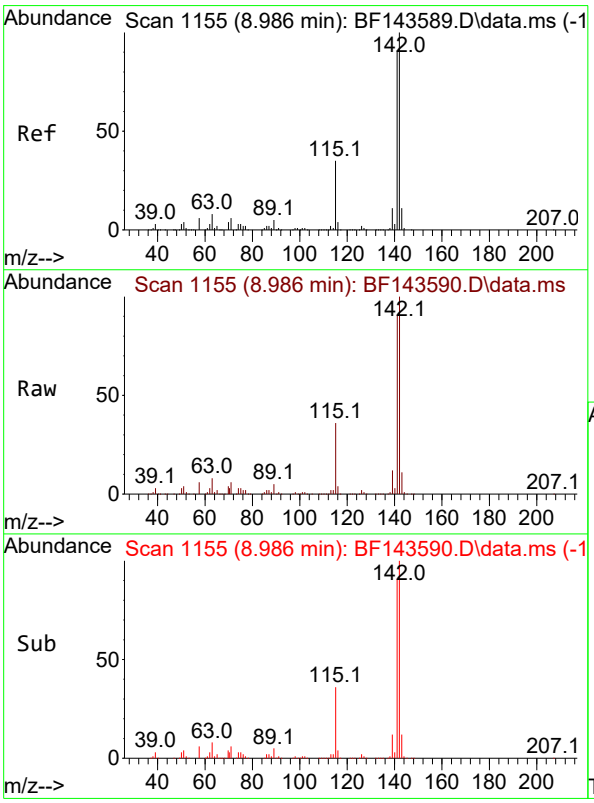
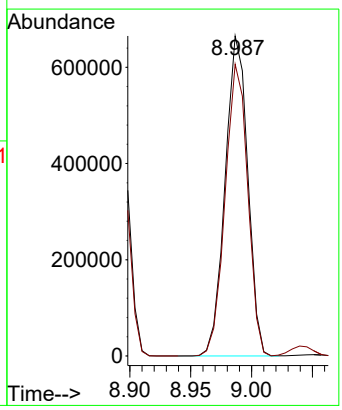


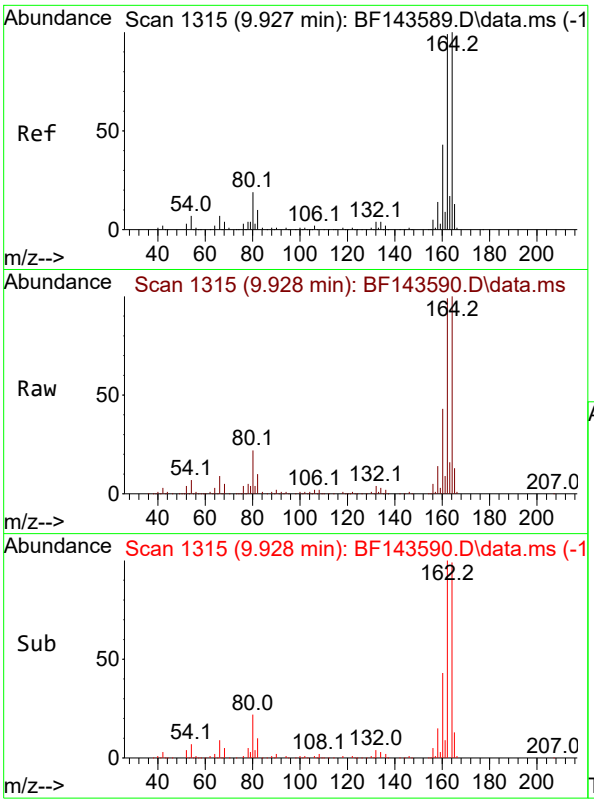


#38
1-Methylnaphthalene
Concen: 45.955 ng
RT: 8.986 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:142 Resp: 858840

Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.6	109.0

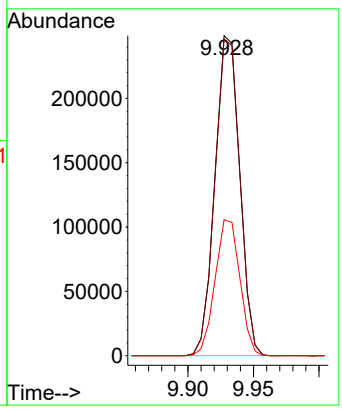




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1
Delta R.T. 0.001 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:164 Resp: 32764

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.5	119.3
160	42.5	34.2	51.4



Instrument :
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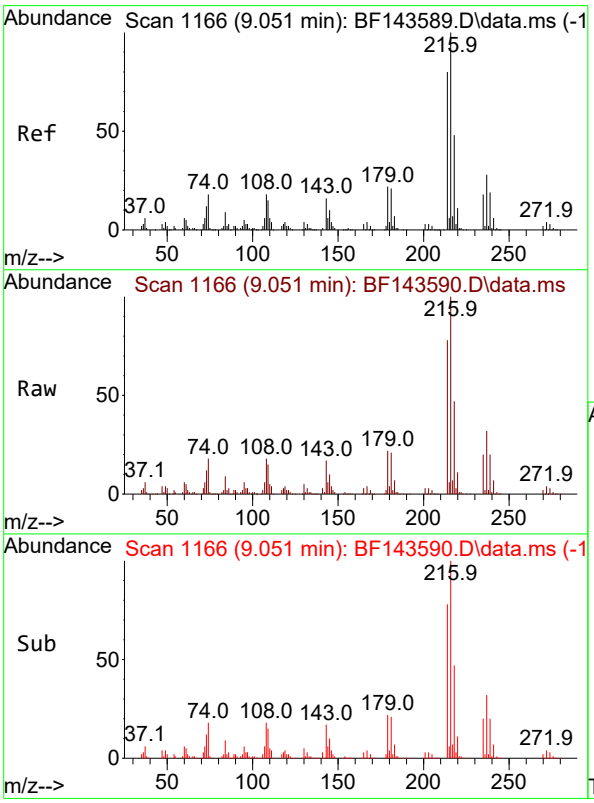
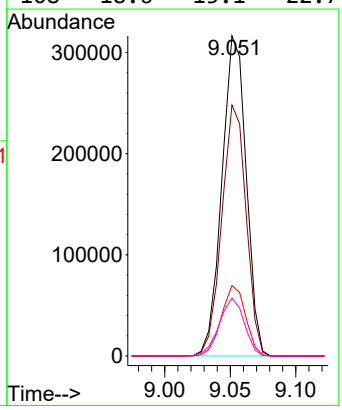
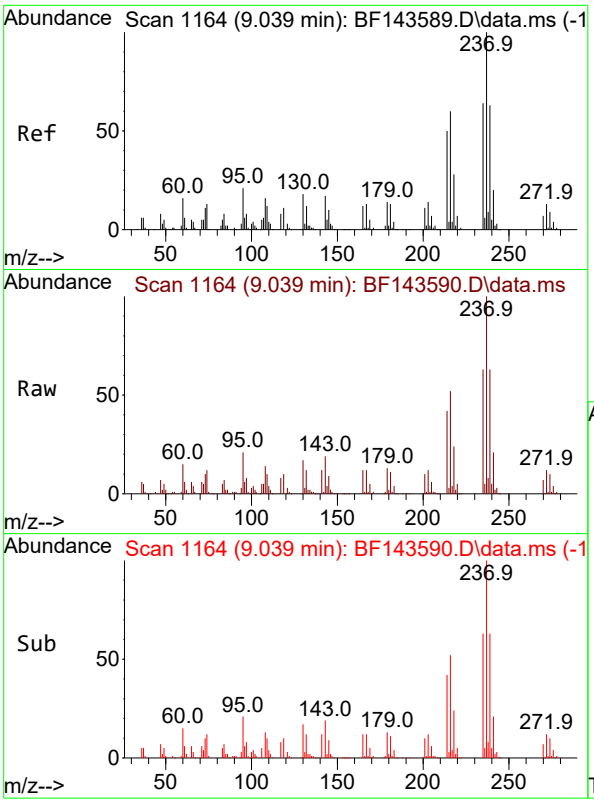


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.844 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:216 Resp: 407732

Ion	Ratio	Lower	Upper
216	100		
214	78.2	64.1	96.1
179	21.9	17.4	26.0
108	18.6	15.1	22.7





#41
Hexachlorocyclopentadiene
Concen: 53.241 ng
RT: 9.039 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:237 Resp: 22321

Ion	Ratio	Lower	Upper
237	100		
235	62.9	43.8	83.8
272	12.3	0.0	32.8

Instrument :
BNA_F
ClientSampleId :
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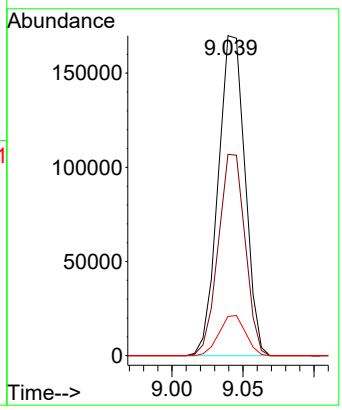
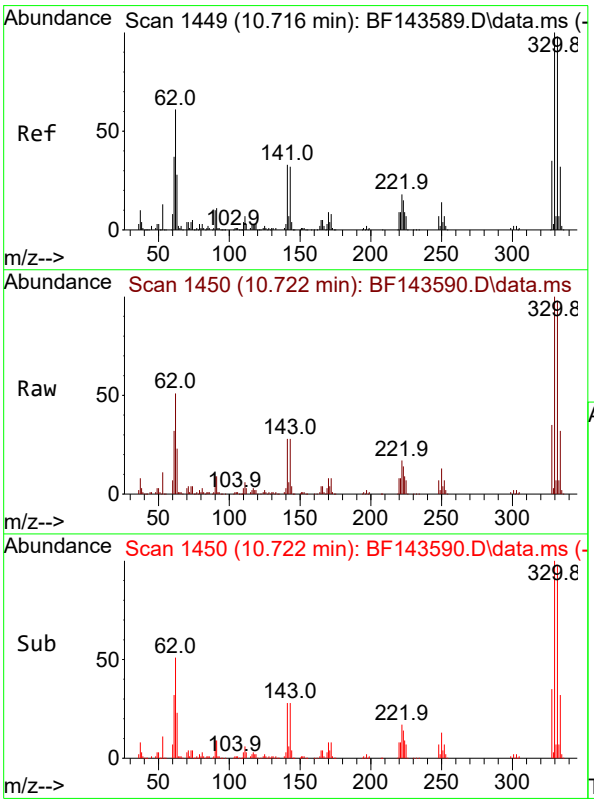
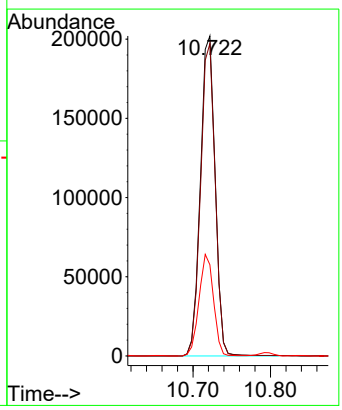


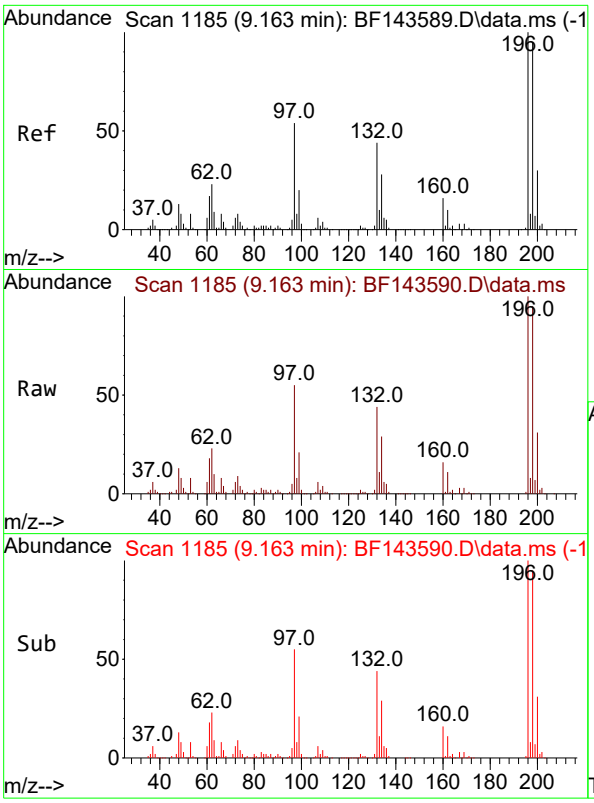


#42
2,4,6-Tribromophenol
Concen: 103.939 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:330 Resp: 266314

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.2	117.4
141	31.3	25.4	38.0

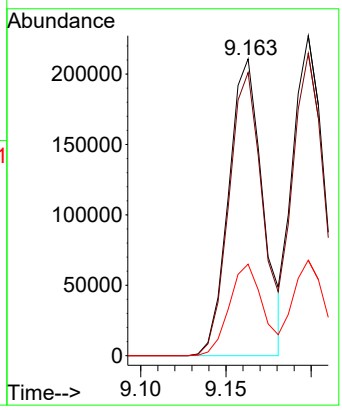




#43
2,4,6-Trichlorophenol
Concen: 52.214 ng
RT: 9.163 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:196 Resp: 29403

Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.8	113.6
200	30.9	24.2	36.4



Instrument :
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ClientSampleId :
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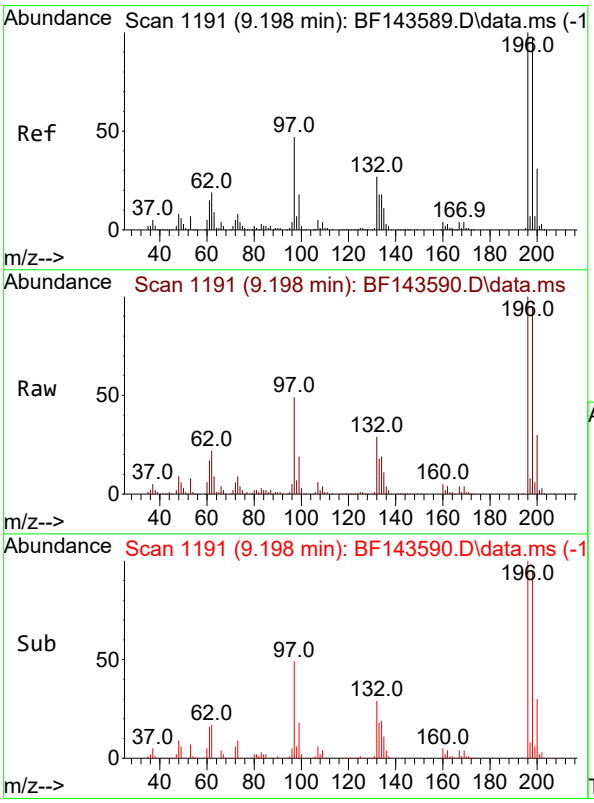
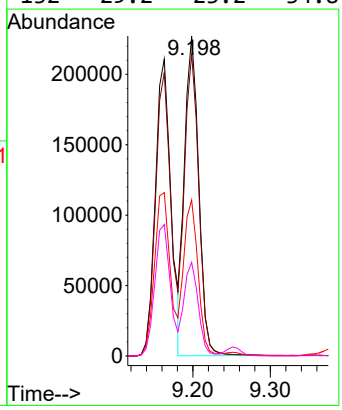
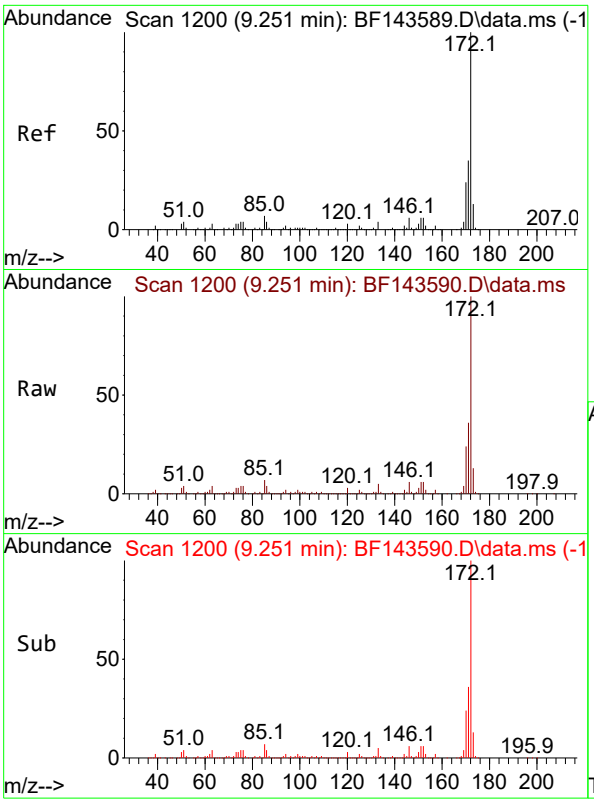


#44
2,4,5-Trichlorophenol
Concen: 51.205 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:196 Resp: 291380

Ion	Ratio	Lower	Upper
196	100		
198	94.5	77.0	115.6
97	48.7	39.3	58.9
132	29.2	23.2	34.8





#45
2-Fluorobiphenyl
Concen: 89.002 ng
RT: 9.251 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:172 Resp: 170553

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.3	42.5
170	23.8	19.0	28.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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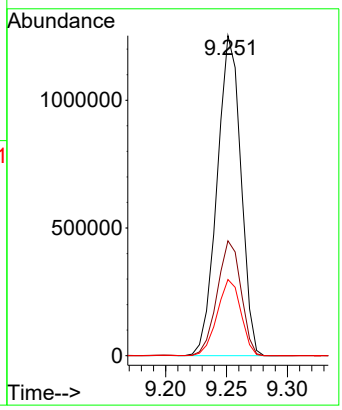
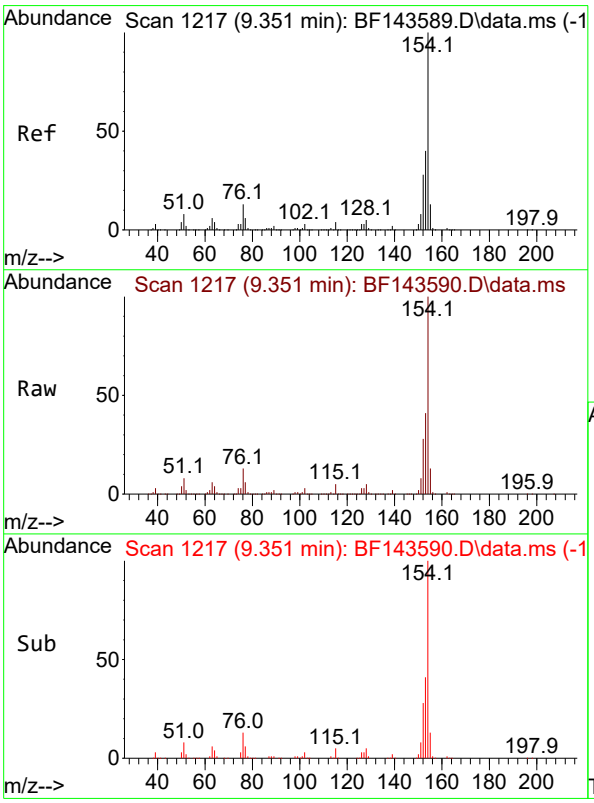
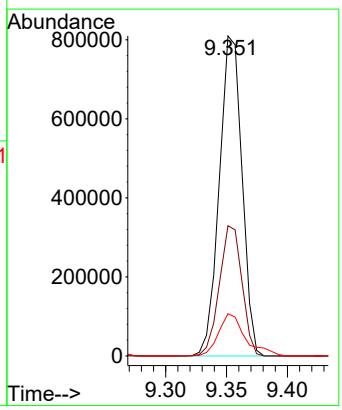


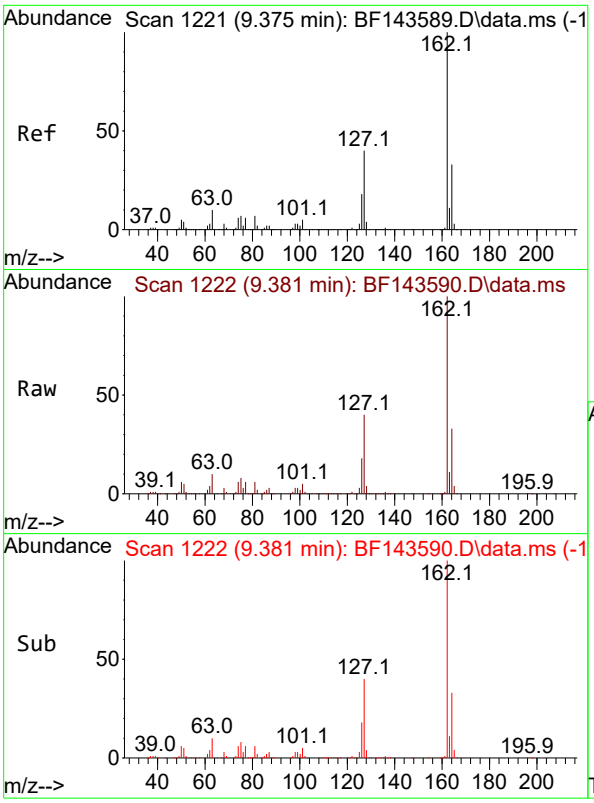


#46
1,1'-Biphenyl
Concen: 46.193 ng
RT: 9.351 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:154 Resp: 1050153

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.1	60.1
76	13.2	0.0	33.0

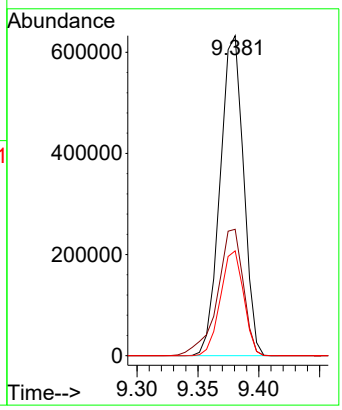




#47
2-Chloronaphthalene
Concen: 47.211 ng
RT: 9.381 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:162 Resp: 84784

Ion	Ratio	Lower	Upper
162	100		
127	39.5	32.6	48.8
164	32.7	26.1	39.1



Instrument :
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ClientSampleId :
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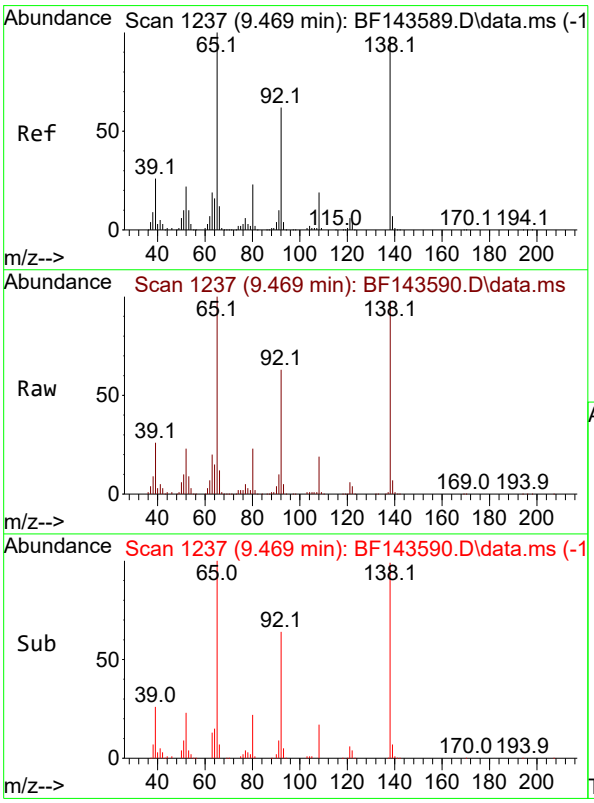
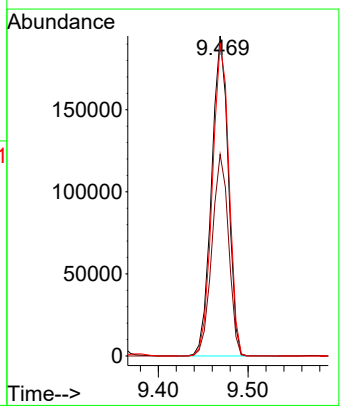
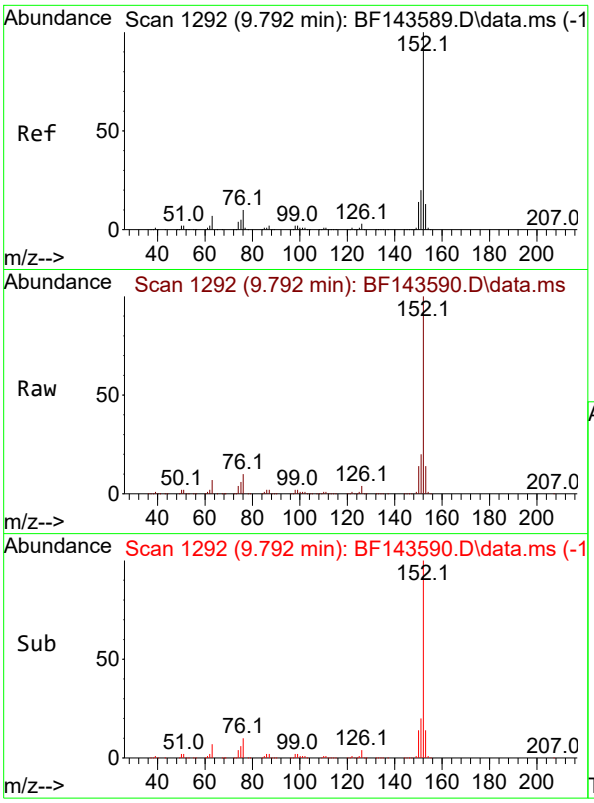


#48
2-Nitroaniline
Concen: 50.267 ng
RT: 9.469 min Scan# 1237
Delta R.T. -0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion: 65 Resp: 251847

Ion	Ratio	Lower	Upper
65	100		
92	63.0	49.6	74.4
138	97.8	78.6	118.0

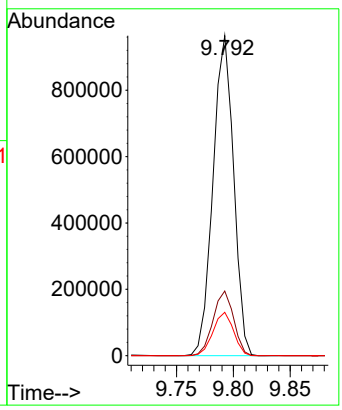




#49
Acenaphthylene
Concen: 46.673 ng
RT: 9.792 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:152 Resp: 121953

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.5	10.6	15.8



Instrument :
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ClientSampleId :
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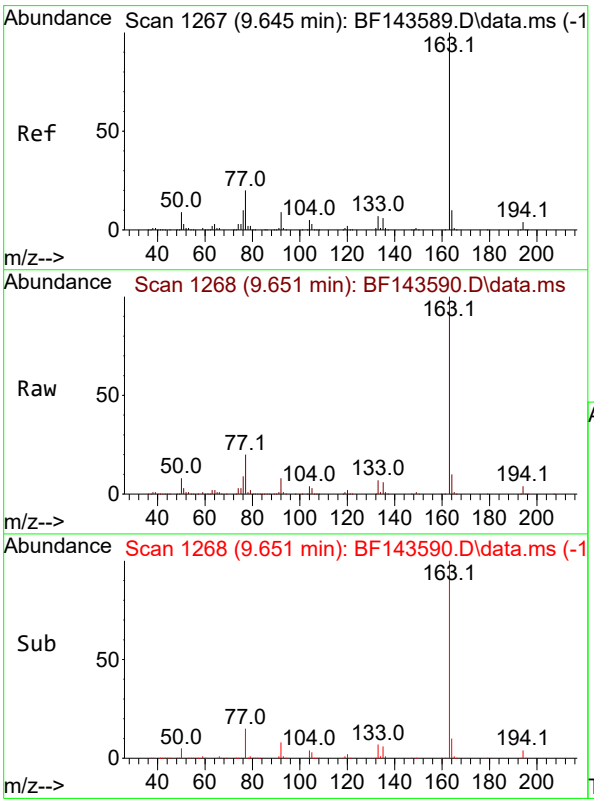
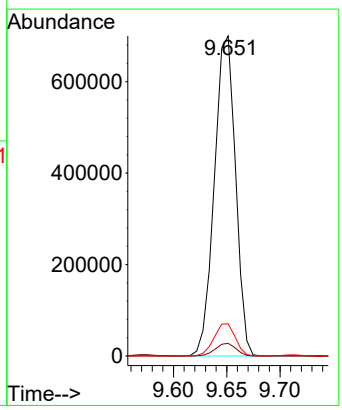
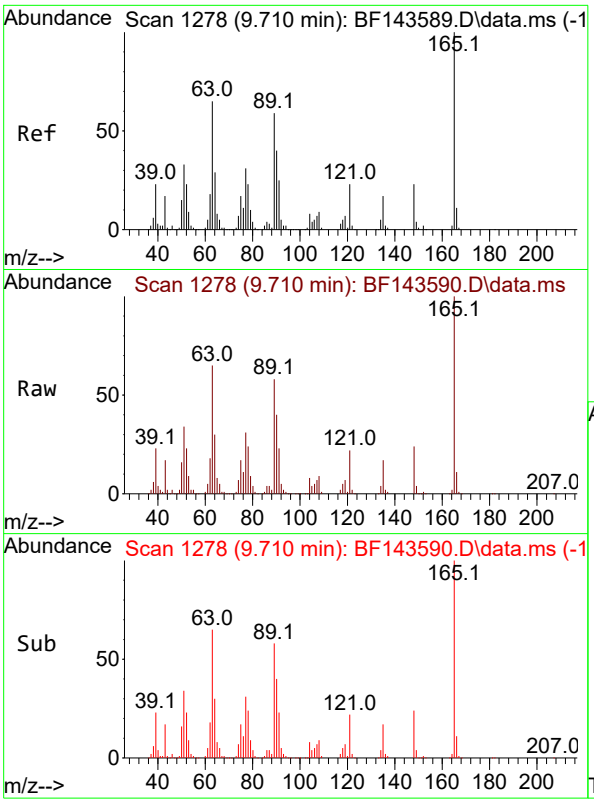


#50
Dimethylphthalate
Concen: 47.951 ng
RT: 9.651 min Scan# 1268
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:163 Resp: 966360

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.1	8.4	12.6





#51
2,6-Dinitrotoluene
Concen: 50.095 ng
RT: 9.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:165 Resp: 17035

Ion	Ratio	Lower	Upper
165	100		
63	64.6	51.8	77.6
89	58.1	47.4	71.2

Instrument :
BNA_F
ClientSampleId :
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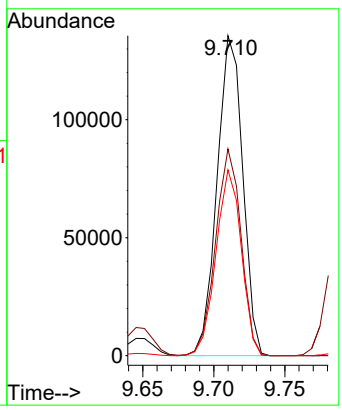
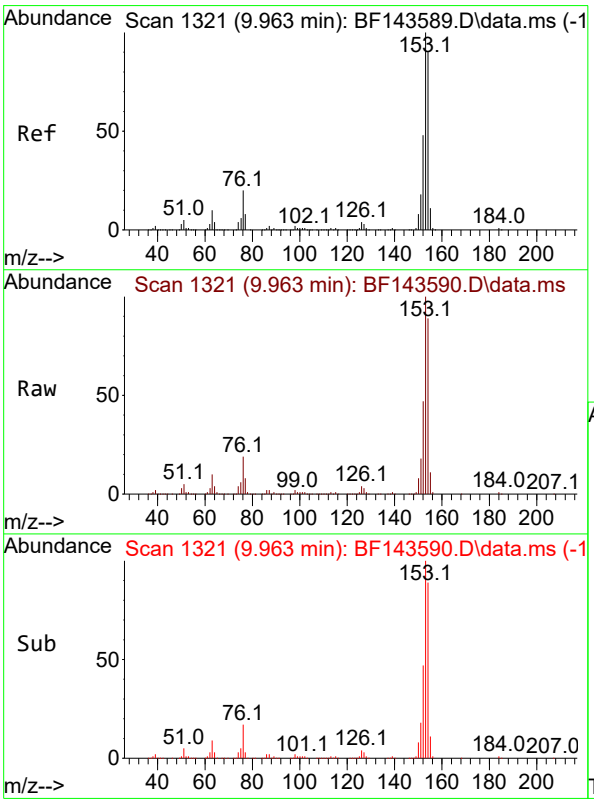
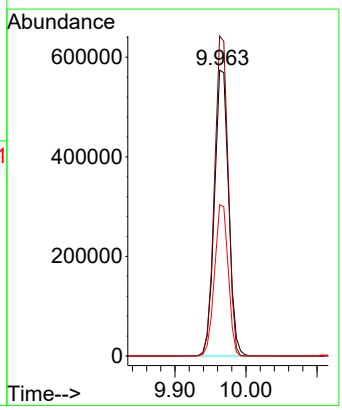


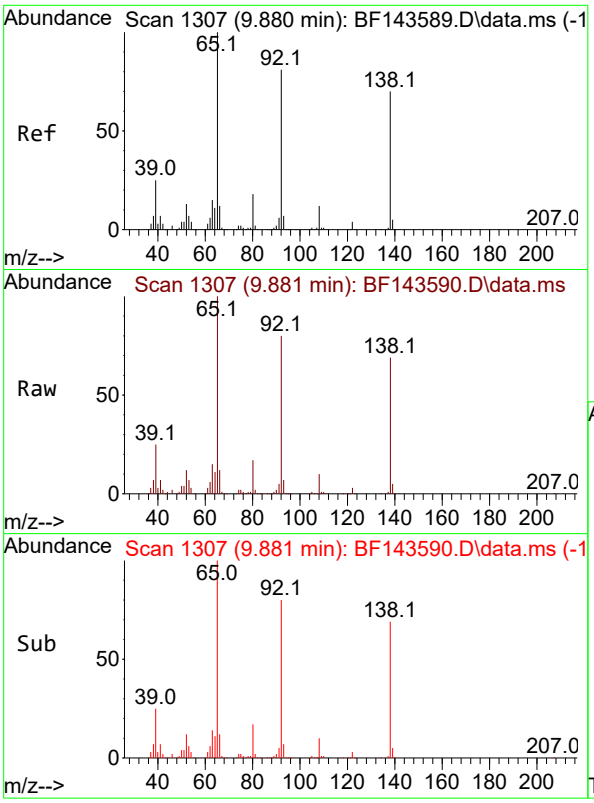


#52
Acenaphthene
Concen: 46.356 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:154 Resp: 793413

Ion	Ratio	Lower	Upper
154	100		
153	112.0	89.0	133.4
152	52.9	42.9	64.3





#53
3-Nitroaniline
Concen: 50.142 ng
RT: 9.881 min Scan# 1
Delta R.T. 0.001 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:138 Resp: 20119

Ion	Ratio	Lower	Upper
138	100		
108	14.4	13.8	20.8
92	116.0	92.6	139.0

Instrument :
BNA_F
ClientSampleId :
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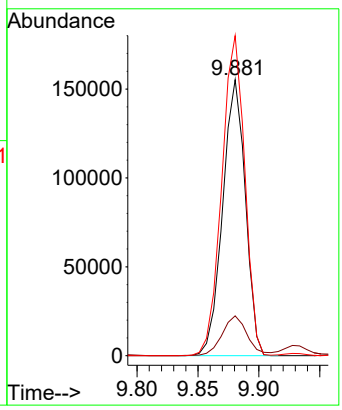
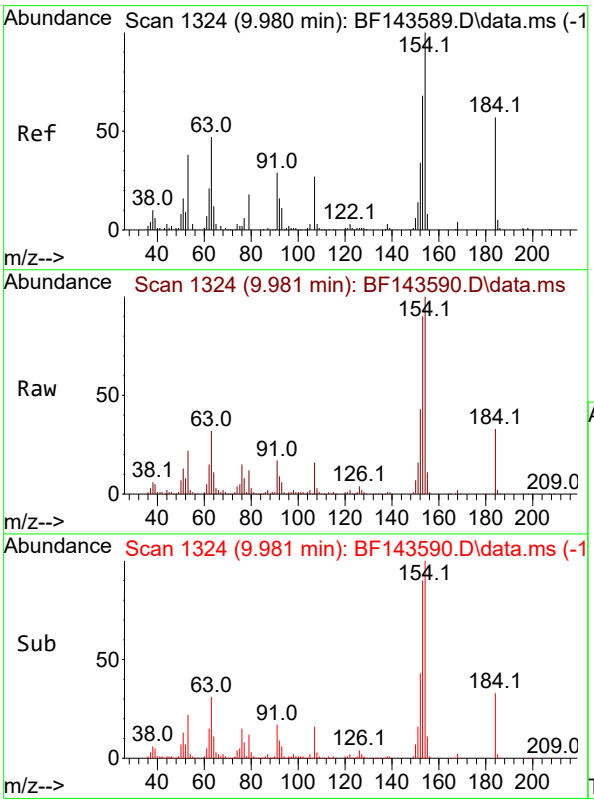
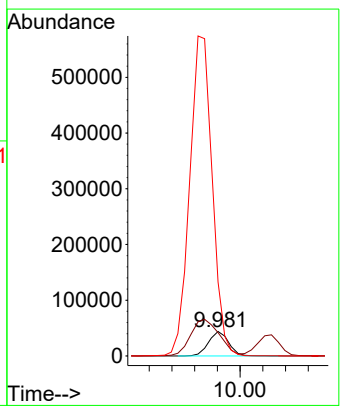


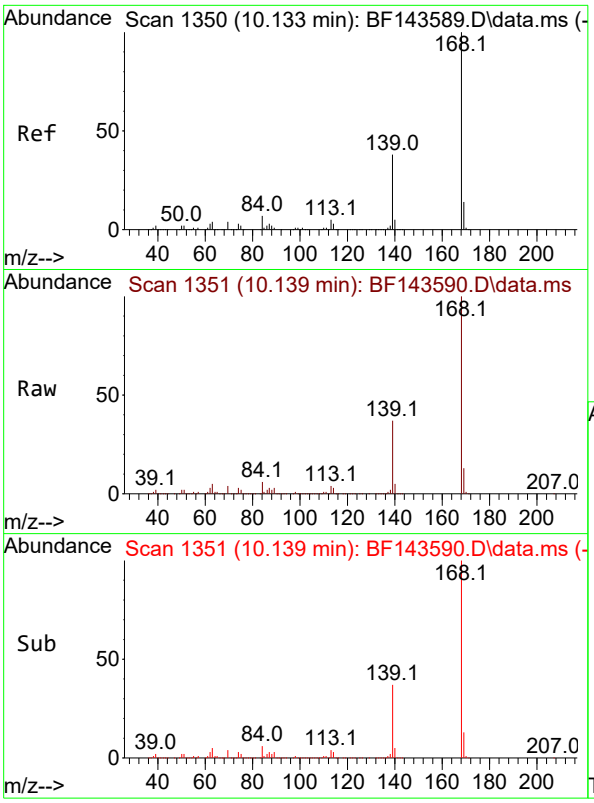


#54
2,4-Dinitrophenol
Concen: 51.178 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:184 Resp: 53928

Ion	Ratio	Lower	Upper
184	100		
63	95.2	80.9	121.3
154	302.1	262.0	393.0

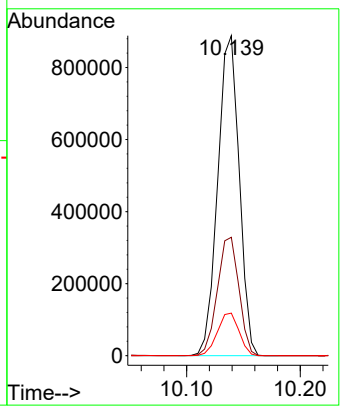




#55
Dibenzofuran
Concen: 46.506 ng
RT: 10.139 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:168 Resp: 116701

Ion	Ratio	Lower	Upper
168	100		
139	37.0	30.6	46.0
169	13.3	10.9	16.3



Instrument :
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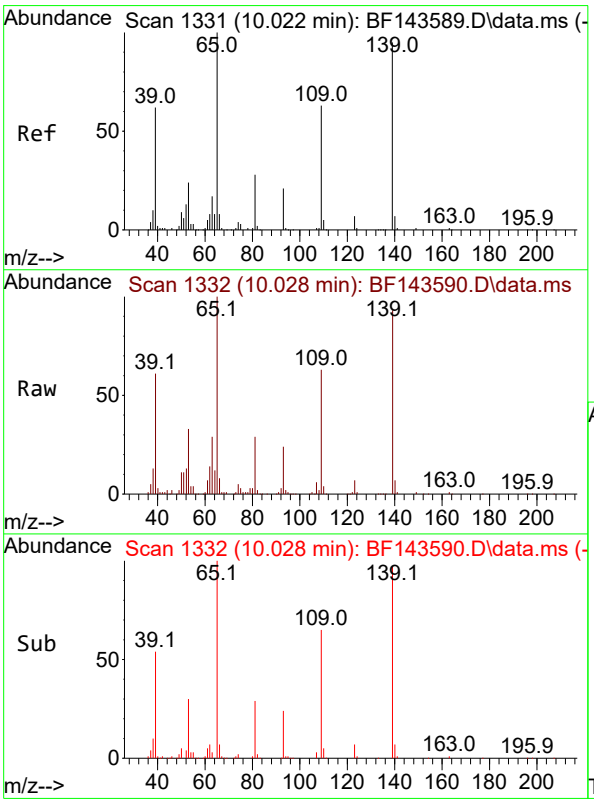
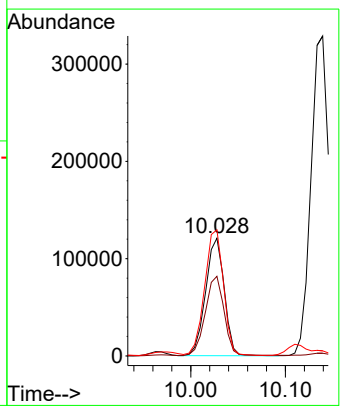
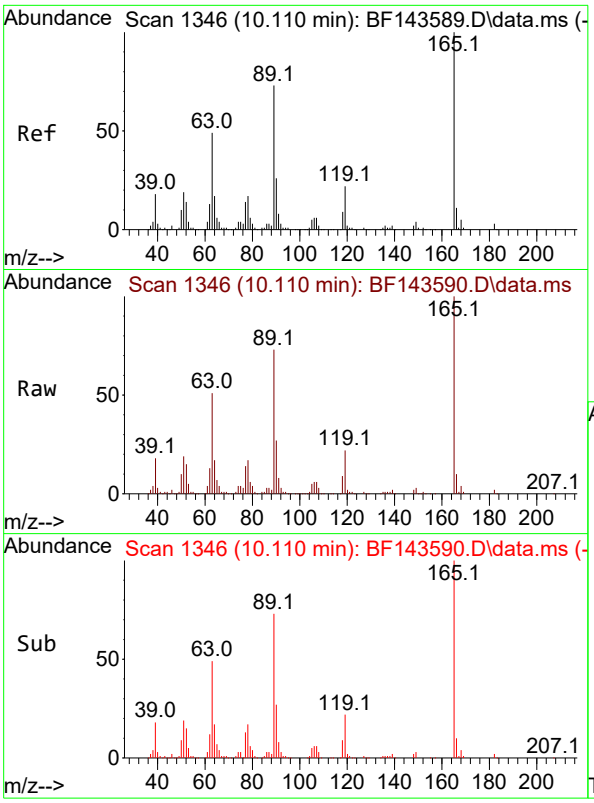


#56
4-Nitrophenol
Concen: 49.650 ng
RT: 10.028 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:139 Resp: 164759

Ion	Ratio	Lower	Upper
139	100		
109	67.6	47.3	87.3
65	107.0	86.8	126.8

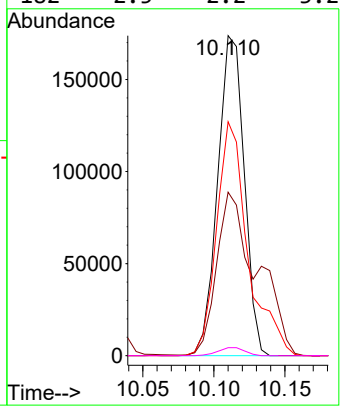




#57
2,4-Dinitrotoluene
Concen: 50.572 ng
RT: 10.110 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:165 Resp: 22607

Ion	Ratio	Lower	Upper
165	100		
63	51.1	39.5	59.3
89	73.1	58.1	87.1
182	2.5	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
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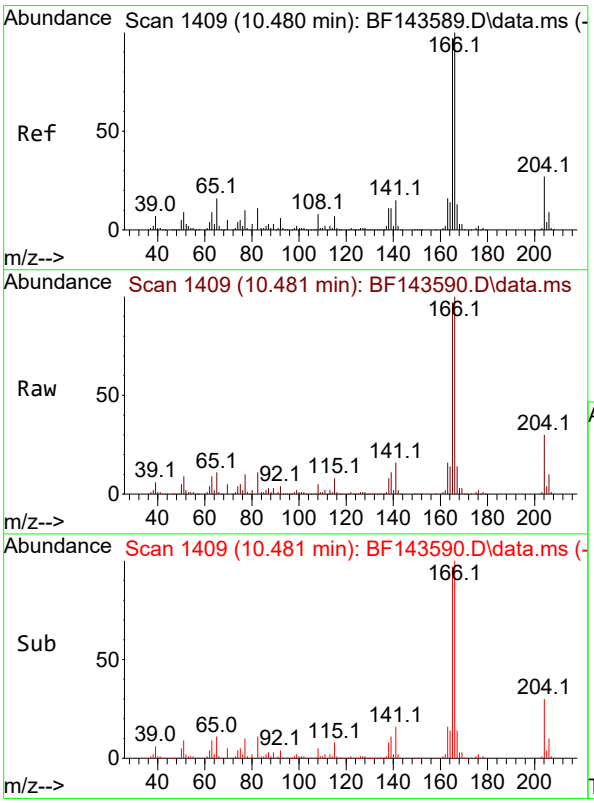
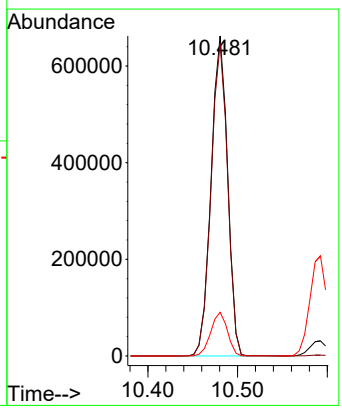
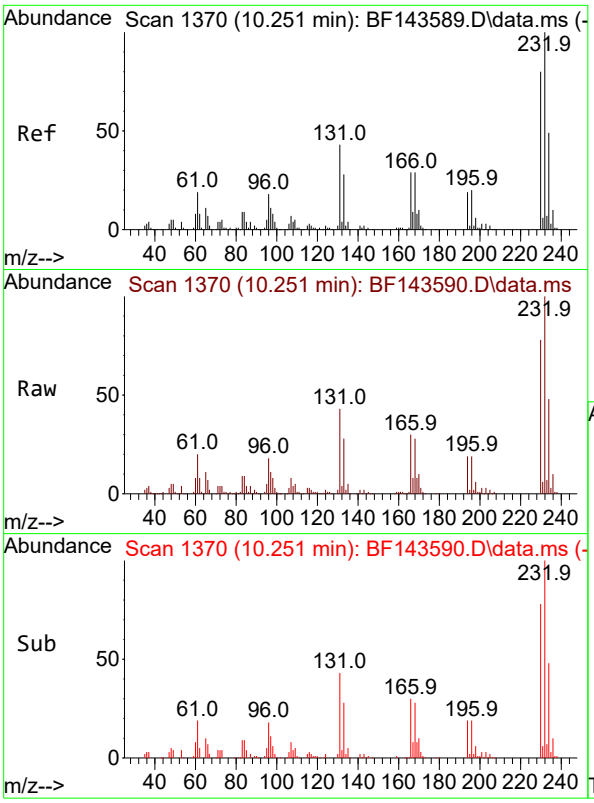


#58
Fluorene
Concen: 45.004 ng
RT: 10.481 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:166 Resp: 847912

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.7	116.5
167	13.6	10.6	15.8

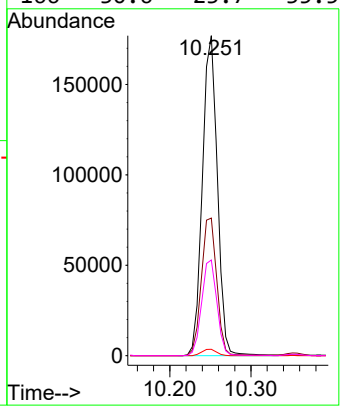




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.935 ng
RT: 10.251 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:232 Resp: 22690

Ion	Ratio	Lower	Upper
232	100		
131	44.3	35.9	53.9
130	2.0	1.8	2.8
166	30.6	23.7	35.5



Instrument :
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ClientSampleId :
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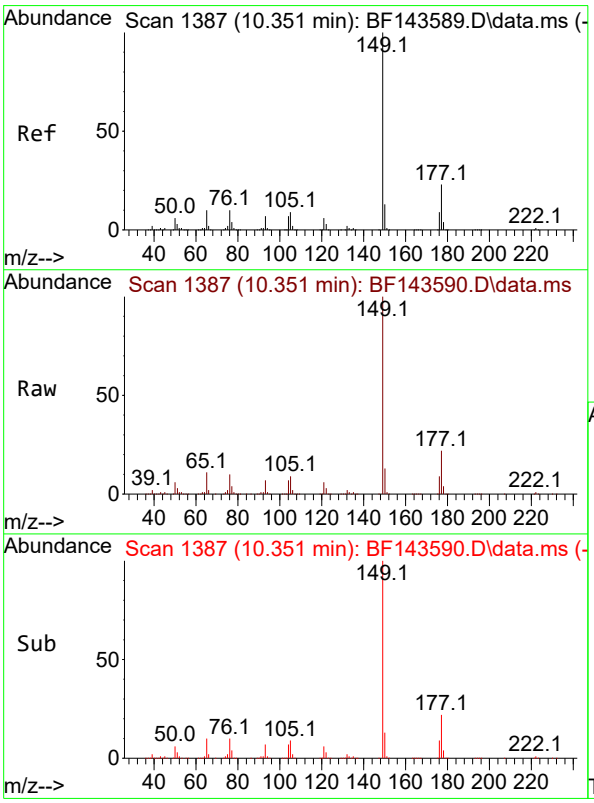
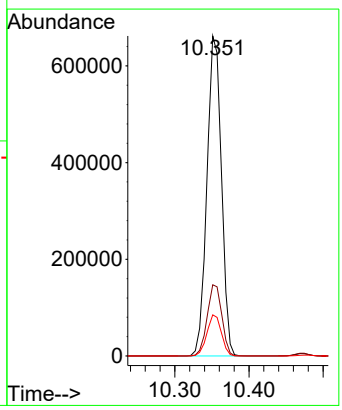
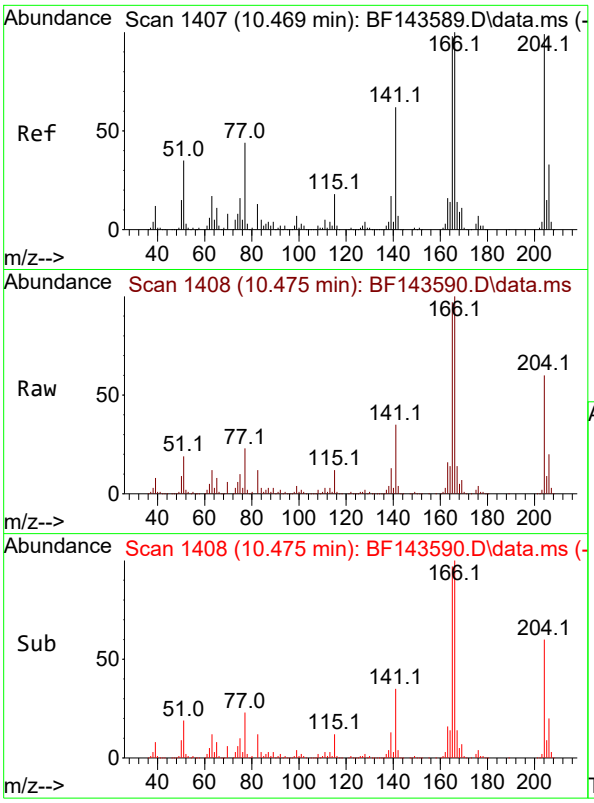


#60
Diethylphthalate
Concen: 47.598 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:149 Resp: 898948

Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.1	27.1
150	12.8	10.1	15.1





#61
4-Chlorophenyl-phenylether
Concen: 45.758 ng
RT: 10.475 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 42162

Ion	Ratio	Lower	Upper
204	100		
206	33.5	27.0	40.6
141	58.9	50.2	75.2

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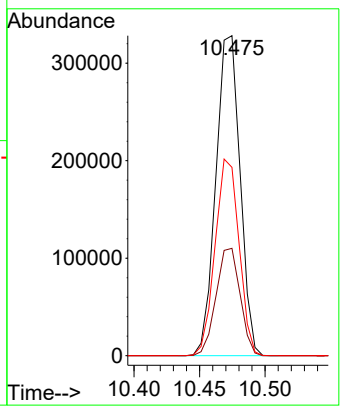
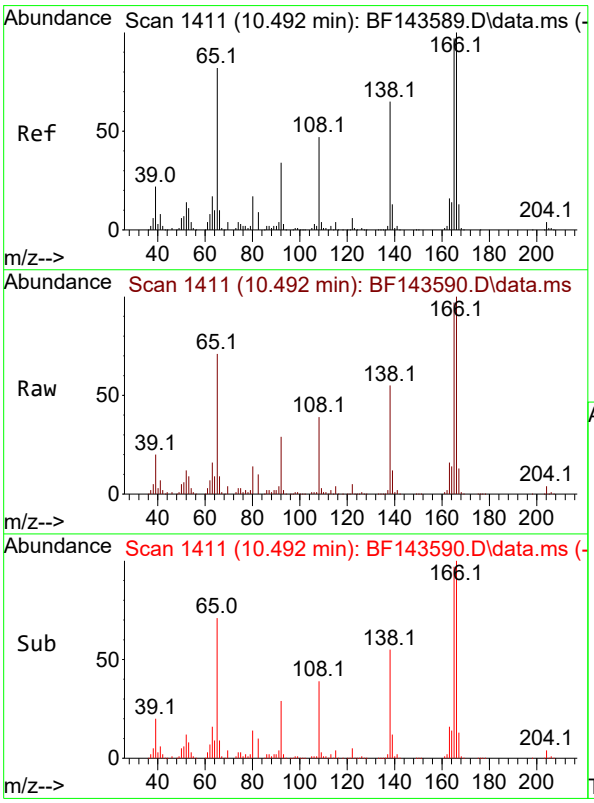
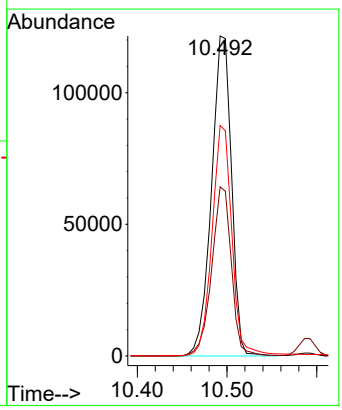


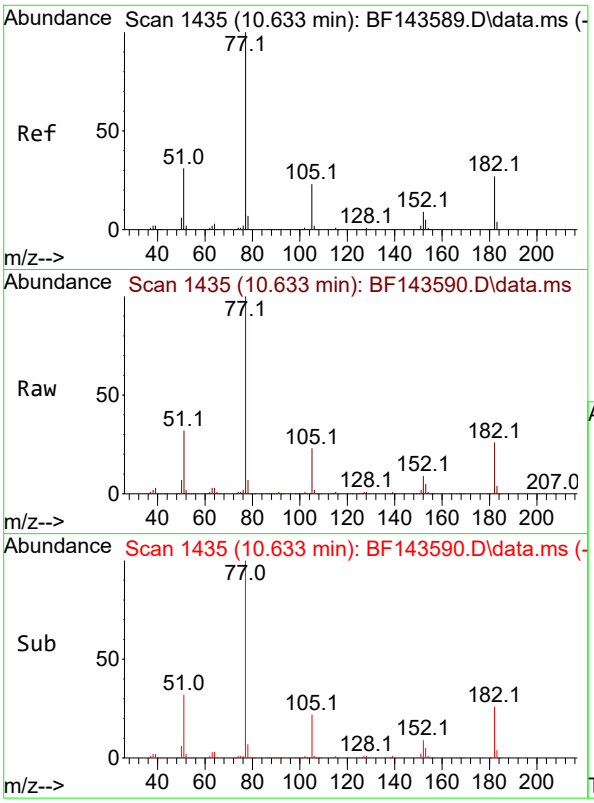


#62
4-Nitroaniline
Concen: 50.005 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:138 Resp: 187927

Ion	Ratio	Lower	Upper
138	100		
92	52.8	31.3	71.3
108	72.0	51.6	91.6

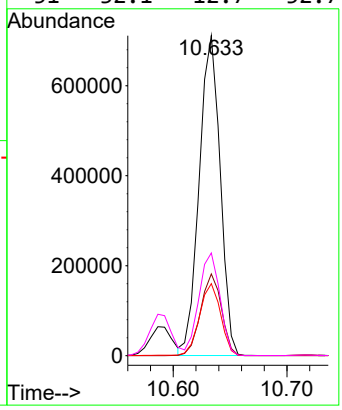




#63
Azobenzene
Concen: 47.527 ng
RT: 10.633 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion: 77 Resp: 91008

Ion	Ratio	Lower	Upper
77	100		
182	25.5	6.3	46.3
105	22.5	2.4	42.4
51	32.1	12.7	52.7



Instrument :
BNA_F
ClientSampleId :
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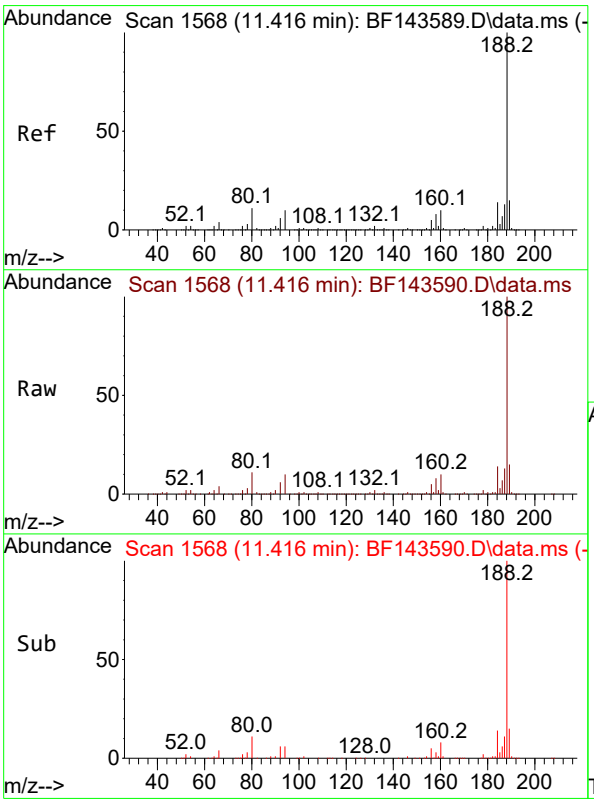
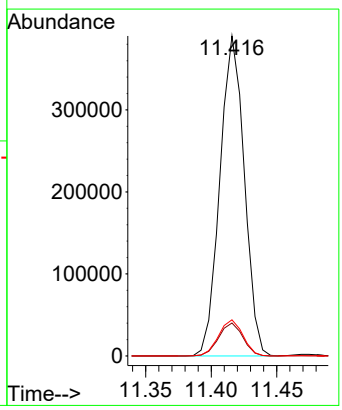
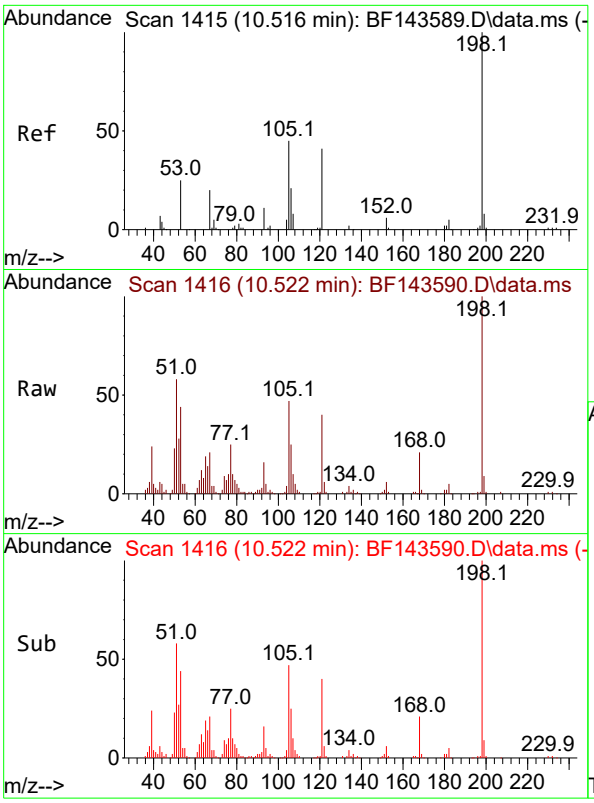


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:188 Resp: 505352

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.4
80	11.3	8.9	13.3





#65
4,6-Dinitro-2-methylphenol
Concen: 51.344 ng
RT: 10.522 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 8928

Ion	Ratio	Lower	Upper
198	100		
51	58.0	41.5	81.5
105	47.3	28.2	68.2

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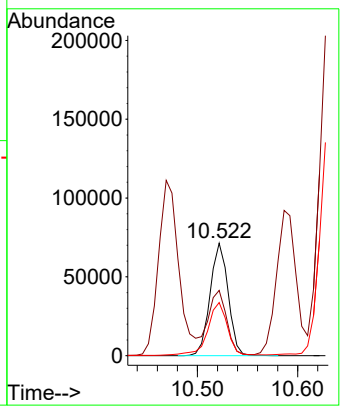
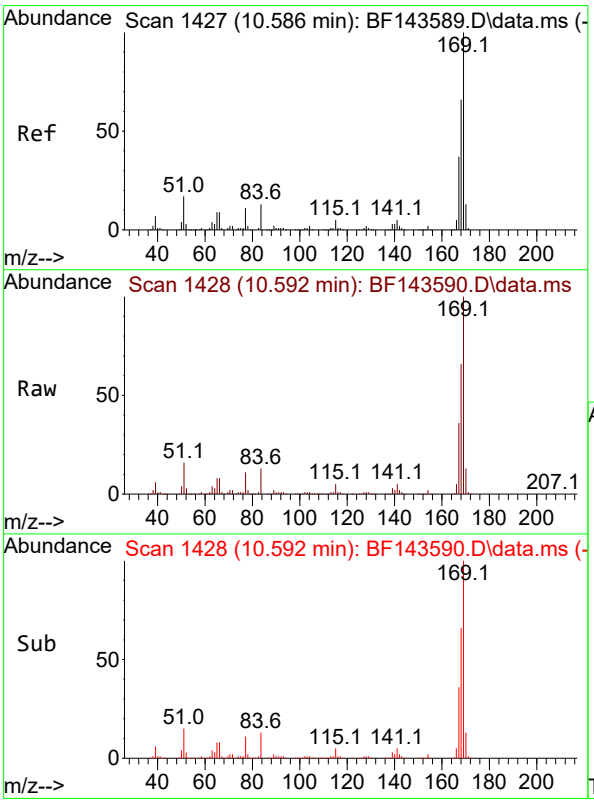
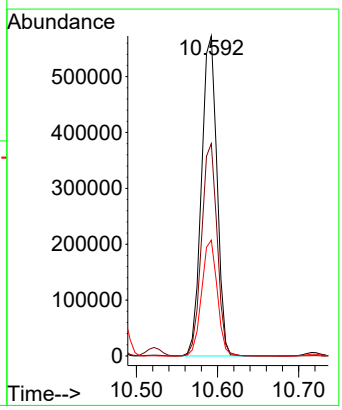


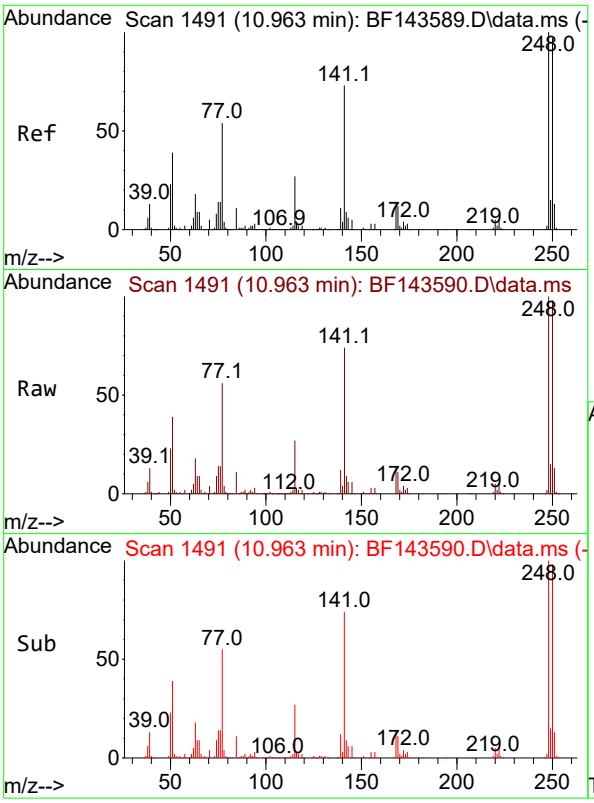


#66
n-Nitrosodiphenylamine
Concen: 47.009 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:169 Resp: 755634

Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.1	79.7
167	36.2	29.3	43.9

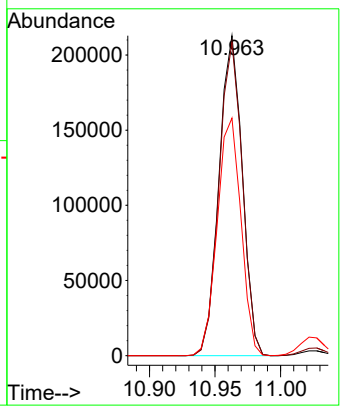




#67
4-Bromophenyl-phenylether
Concen: 48.083 ng
RT: 10.963 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:248 Resp: 26282

Ion	Ratio	Lower	Upper
248	100		
250	97.9	77.8	116.6
141	74.3	58.5	87.7



Instrument :
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ClientSampleId :
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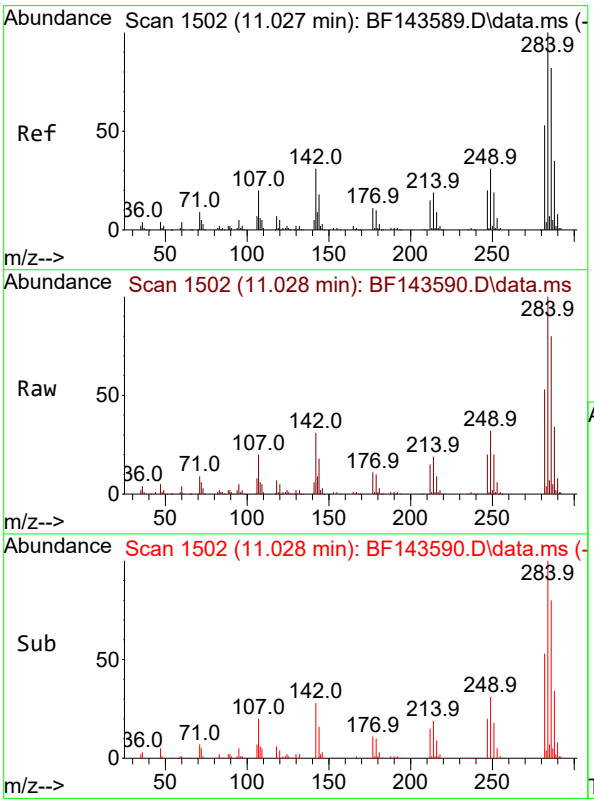
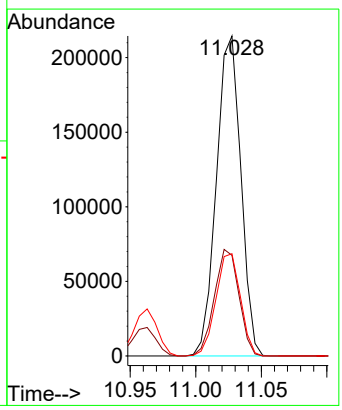
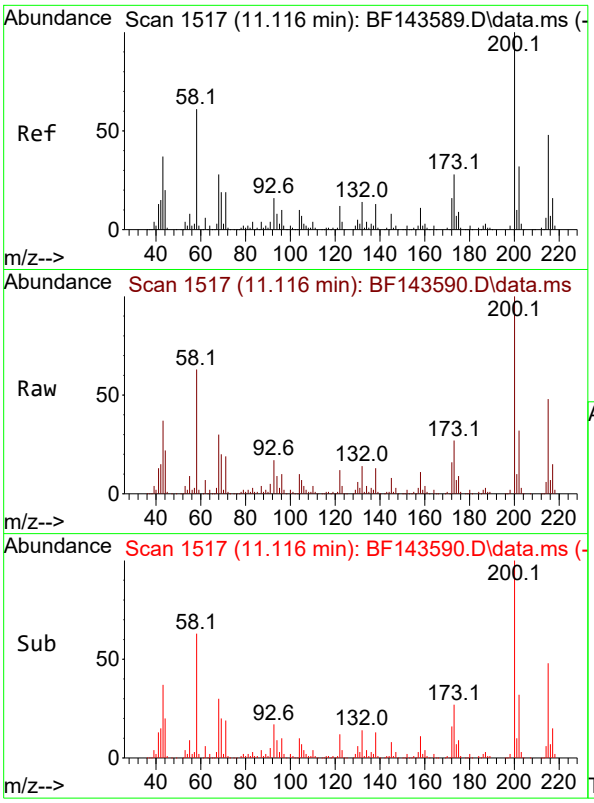


#68
Hexachlorobenzene
Concen: 47.494 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.001 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:284 Resp: 277692

Ion	Ratio	Lower	Upper
284	100		
142	31.5	24.7	37.1
249	32.0	25.0	37.6

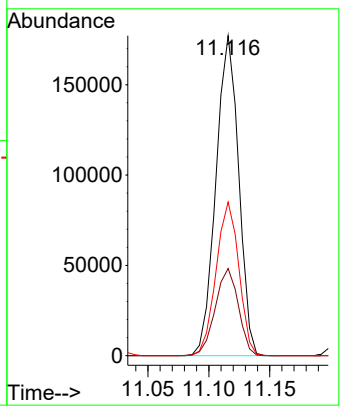




#69
Atrazine
Concen: 49.829 ng
RT: 11.116 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:200 Resp: 23023

Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.6	47.6
215	48.0	28.3	68.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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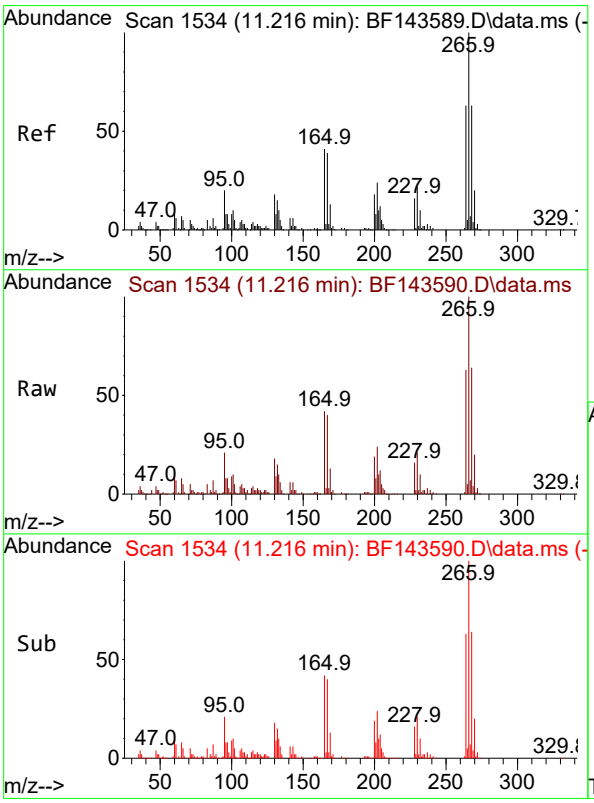
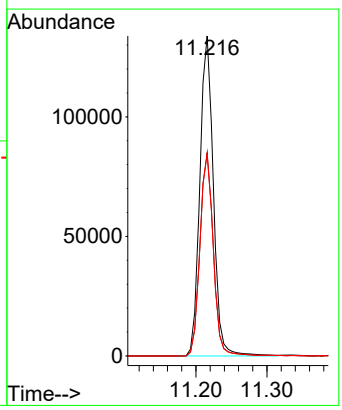
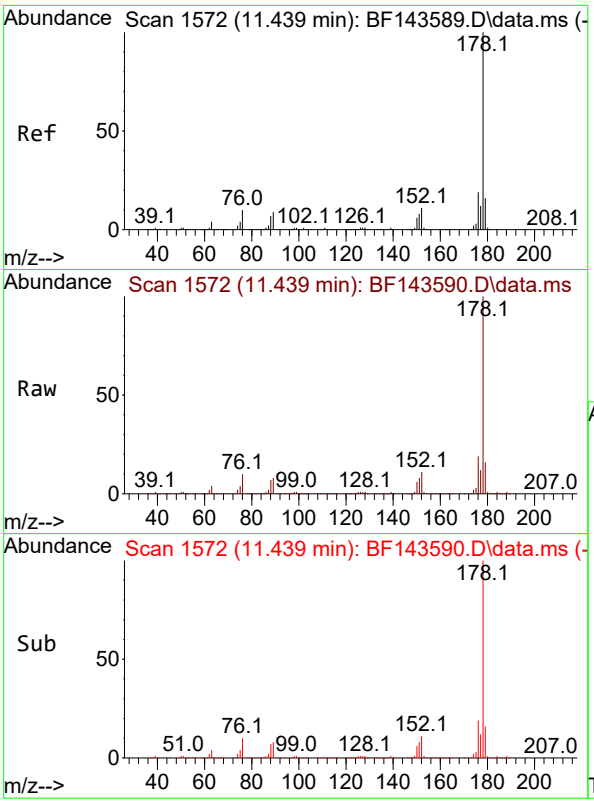


#70
Pentachlorophenol
Concen: 53.106 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:266 Resp: 177401

Ion	Ratio	Lower	Upper
266	100		
268	63.5	50.4	75.6
264	63.1	50.1	75.1

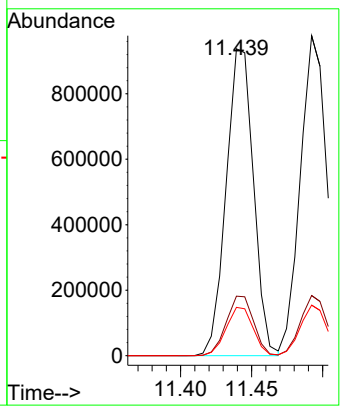




#71
Phenanthrene
Concen: 46.461 ng
RT: 11.439 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:178 Resp: 125711

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.7	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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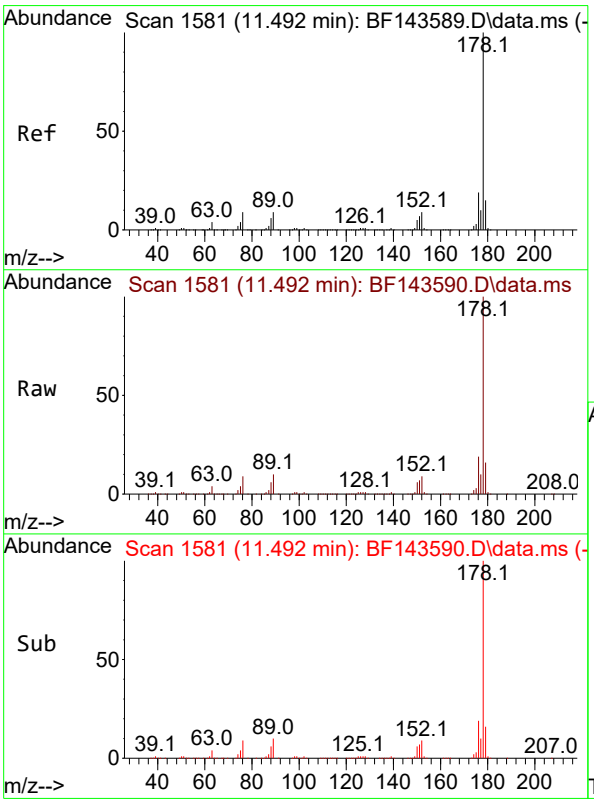
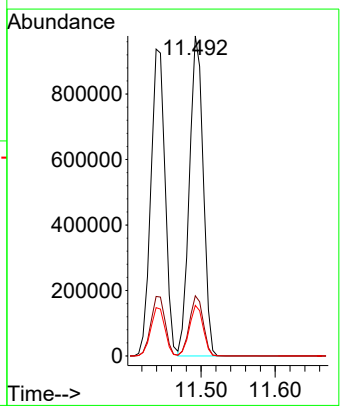
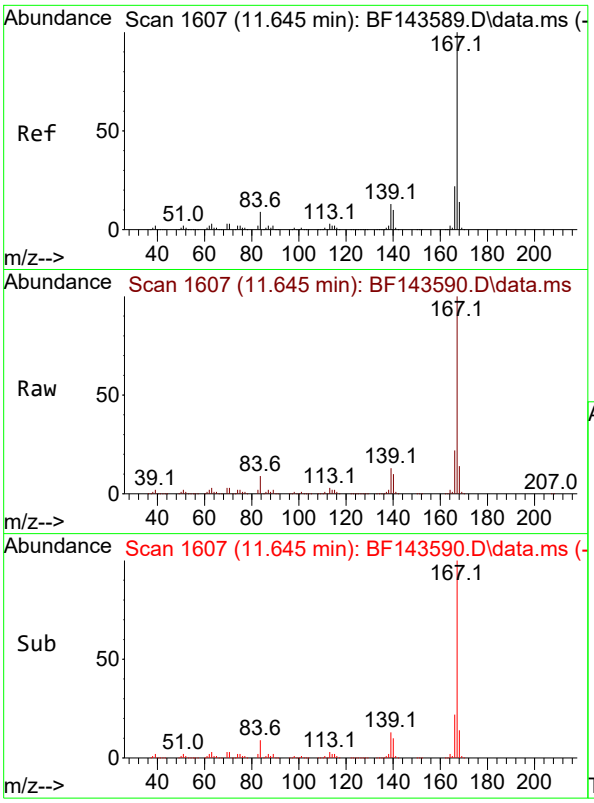


#72
Anthracene
Concen: 46.229 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:178 Resp: 1260551

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.8	12.4	18.6

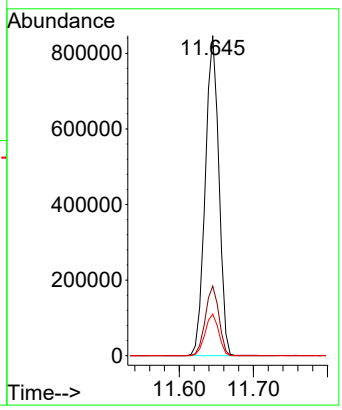




#73
Carbazole
Concen: 45.845 ng
RT: 11.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:167 Resp: 108057

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.3	25.9
139	13.0	10.4	15.6



Instrument :
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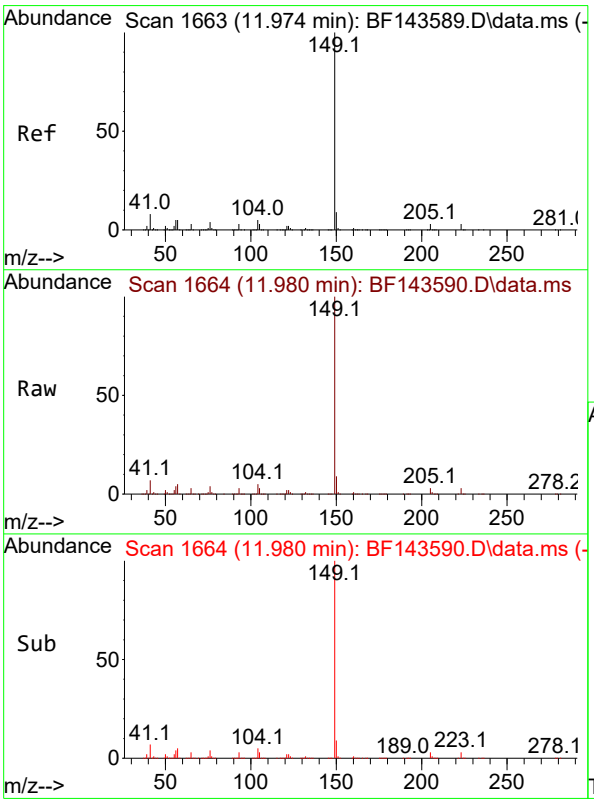
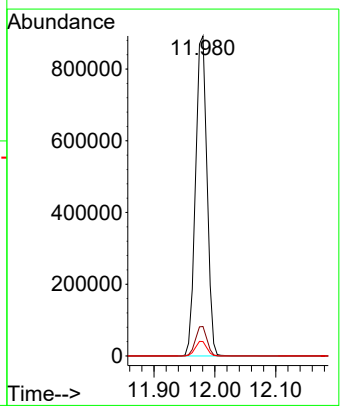
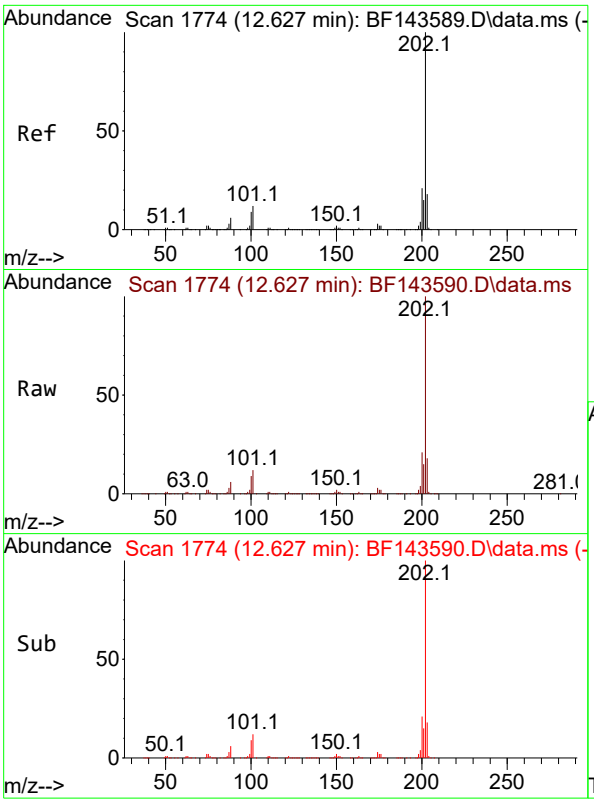


#74
Di-n-butylphthalate
Concen: 48.652 ng
RT: 11.980 min Scan# 1664
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:149 Resp: 1168015

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.5	3.6	5.4

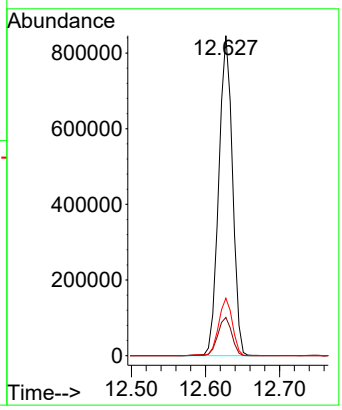




#75
Fluoranthene
Concen: 44.072 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:202 Resp: 108881

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.3
203	18.0	0.0	37.5



Instrument :
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SSTDICC050

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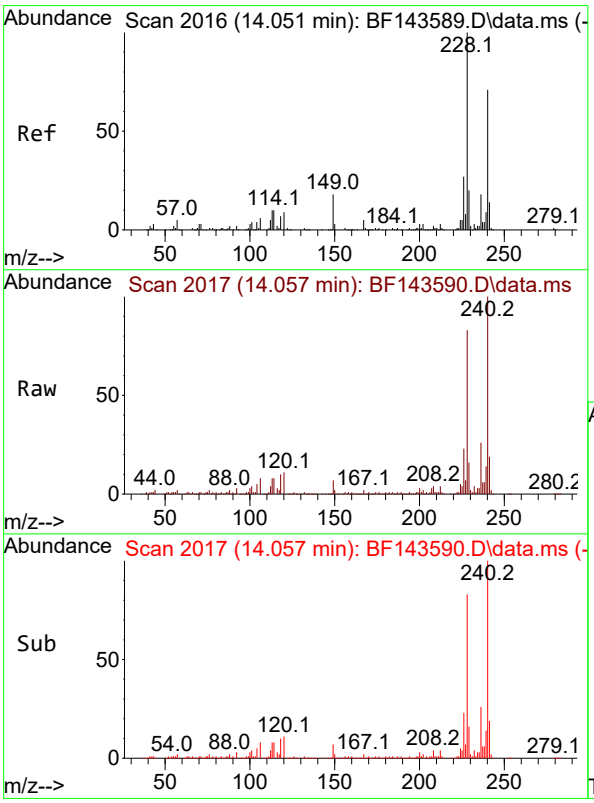
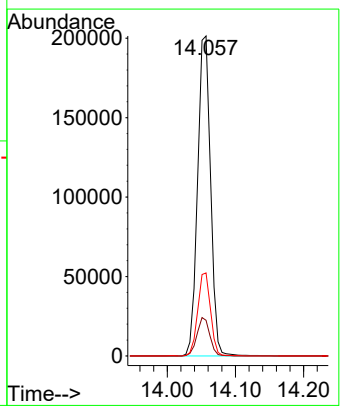
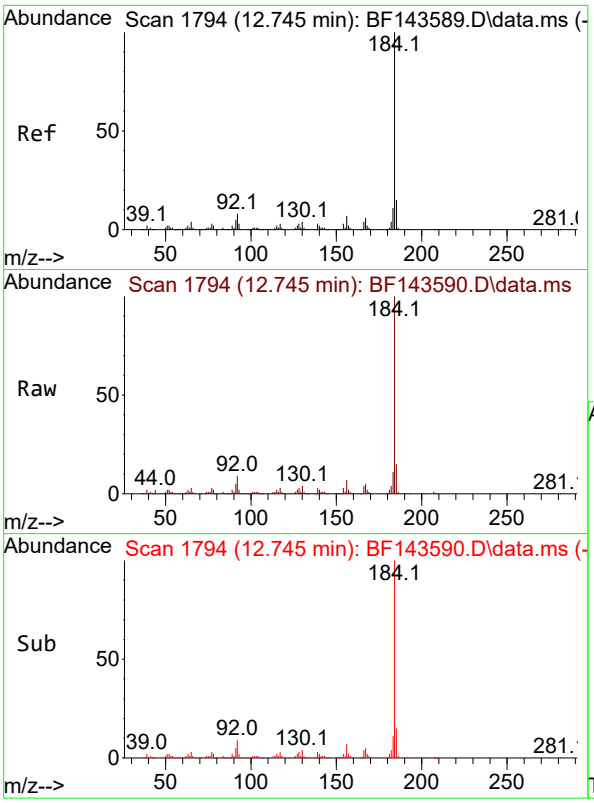


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:240 Resp: 266551

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.6	14.4
236	26.0	20.2	30.2

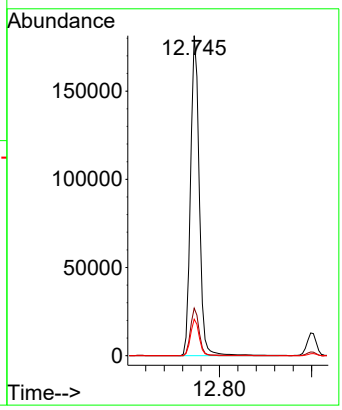




#77
Benzidine
Concen: 37.629 ng
RT: 12.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:184 Resp: 23757

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.8	17.6
183	11.4	9.1	13.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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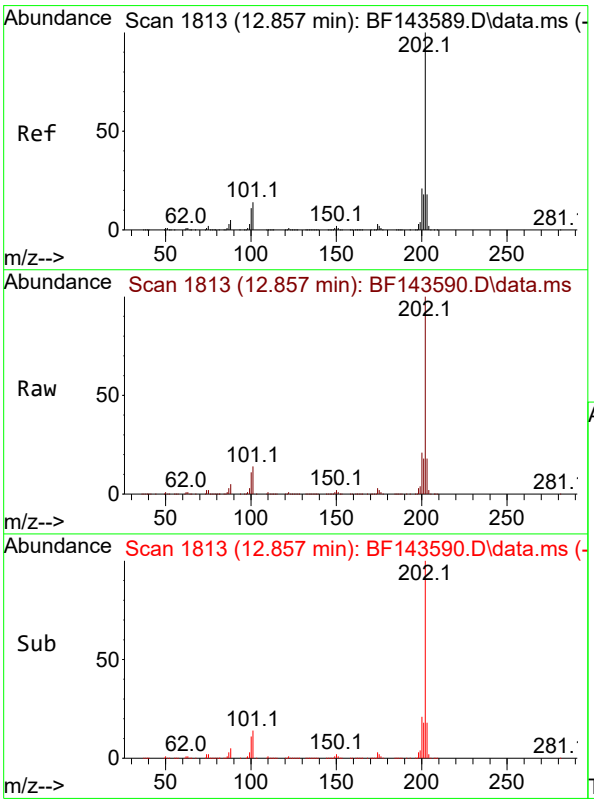
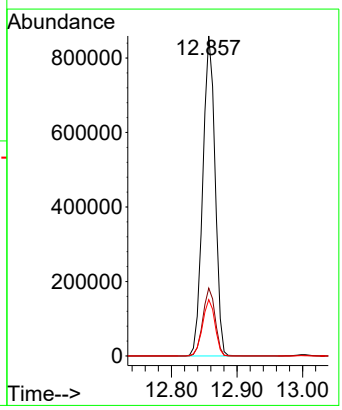
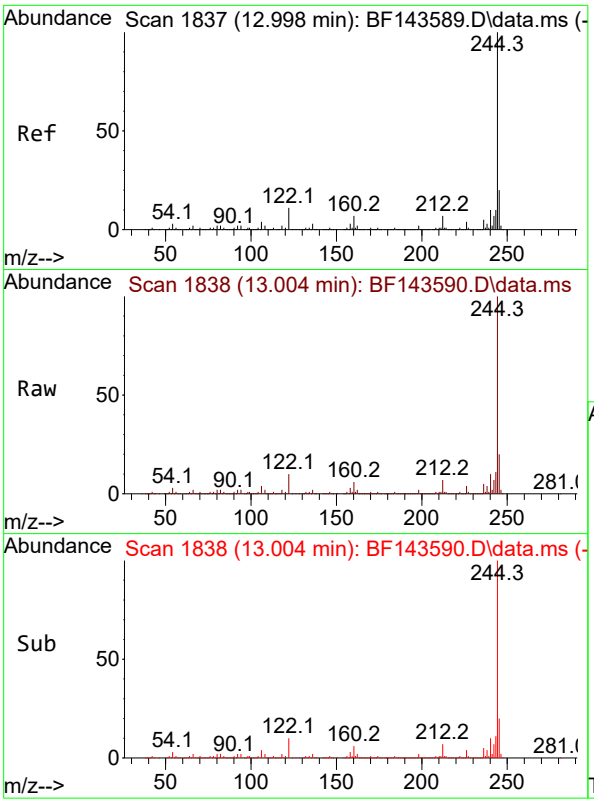


#78
Pyrene
Concen: 50.405 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:202 Resp: 1124413

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.6	14.2	21.4

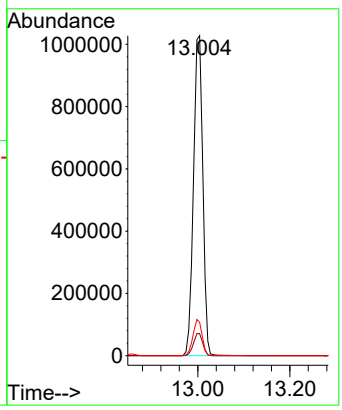




#79
Terphenyl-d14
Concen: 96.924 ng
RT: 13.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:244 Resp: 143969

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	10.4	8.8	13.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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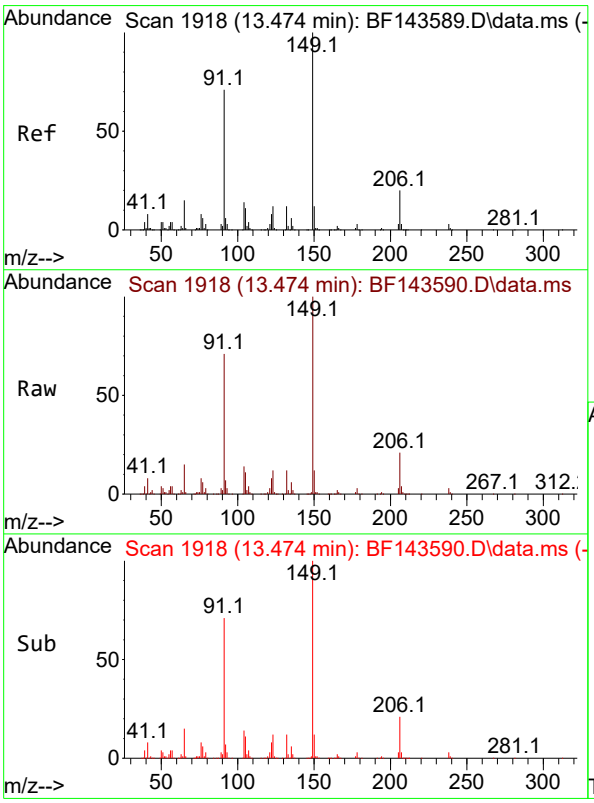
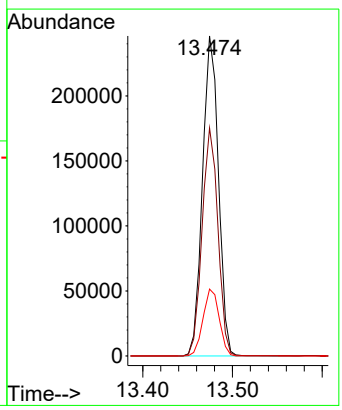
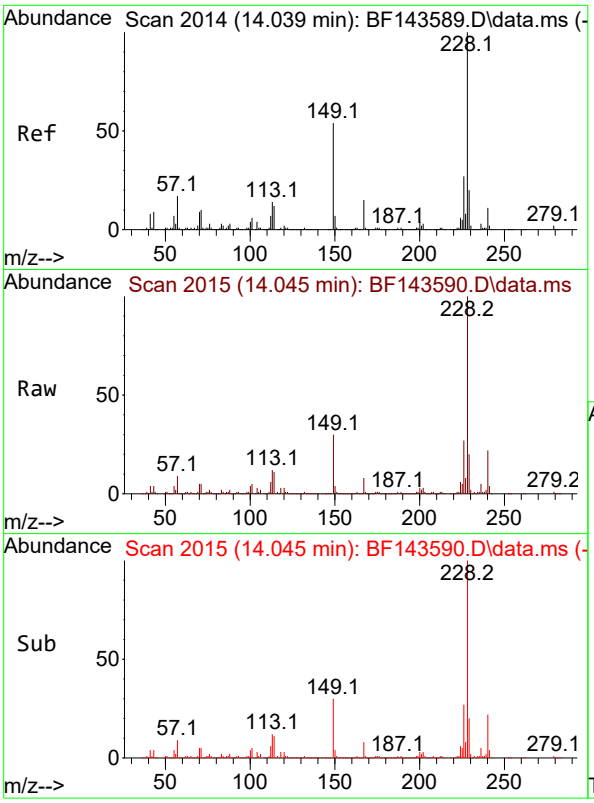


#80
Butylbenzylphthalate
Concen: 48.160 ng
RT: 13.474 min Scan# 1918
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:149 Resp: 303475

Ion	Ratio	Lower	Upper
149	100		
91	71.3	56.8	85.2
206	20.9	16.2	24.2





#81
Benzo(a)anthracene
Concen: 48.328 ng
RT: 14.045 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:228 Resp: 81044

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.8
229	19.8	16.1	24.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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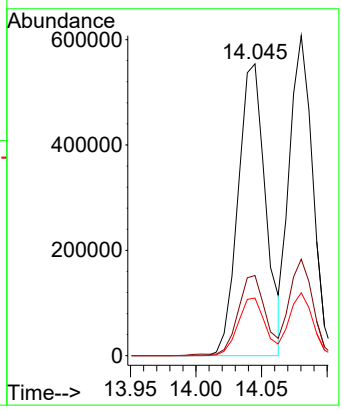
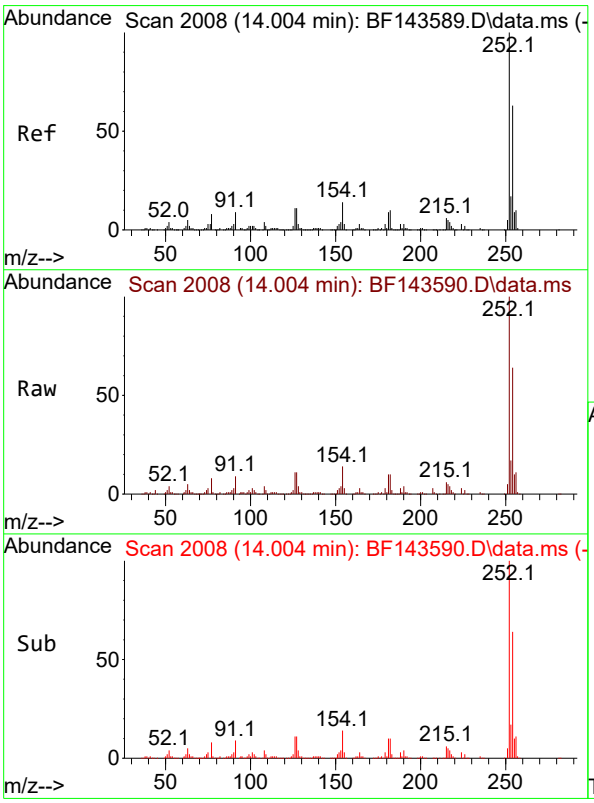
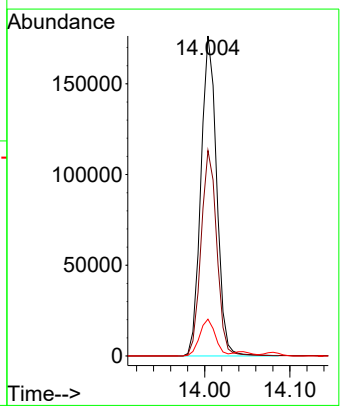


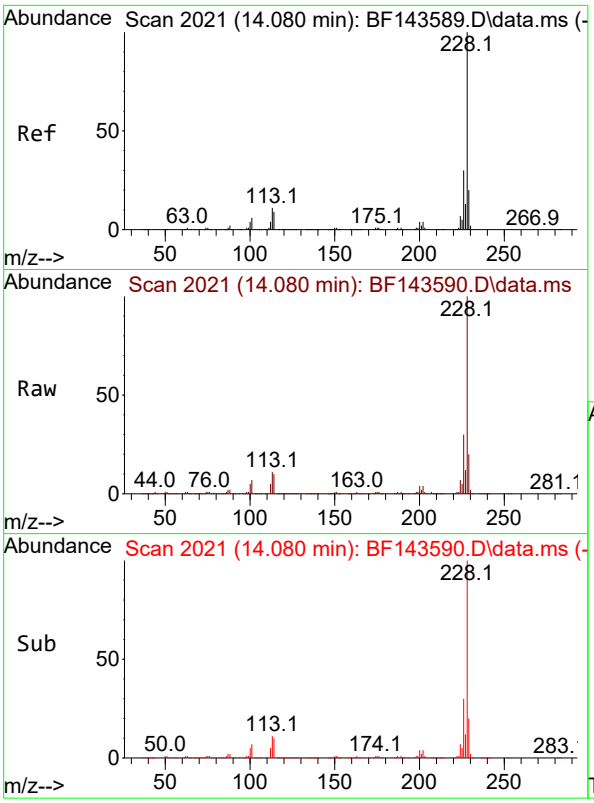


#82
3,3'-Dichlorobenzidine
Concen: 50.330 ng
RT: 14.004 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:252 Resp: 226287

Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.2	75.2
126	11.5	9.1	13.7

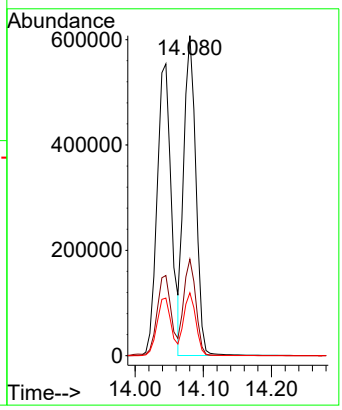




#83
Chrysene
Concen: 48.122 ng
RT: 14.080 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:228 Resp: 75206

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	19.6	15.8	23.8



Instrument :
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ClientSampleId :
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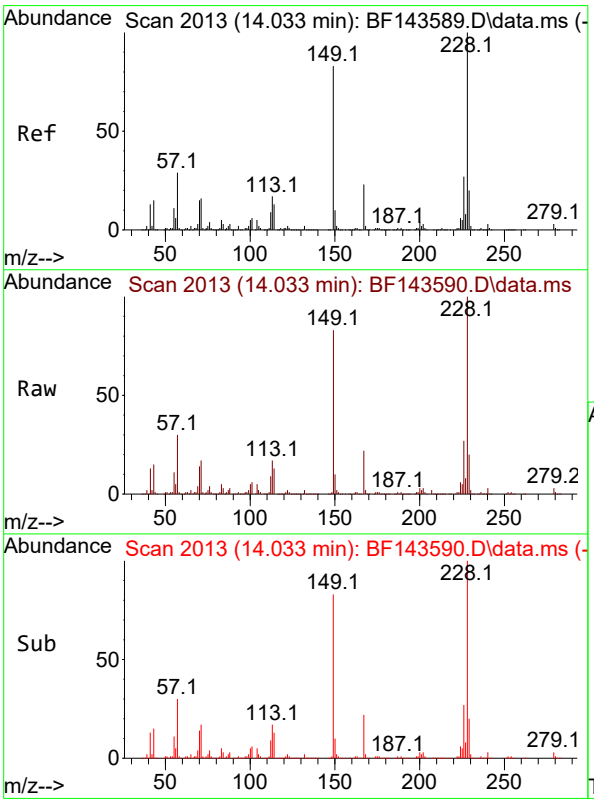
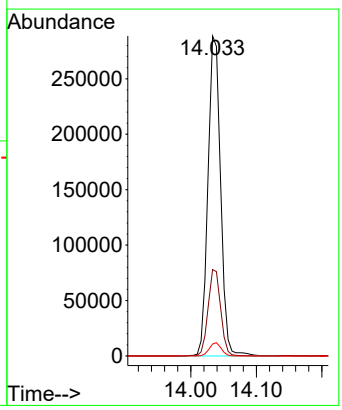
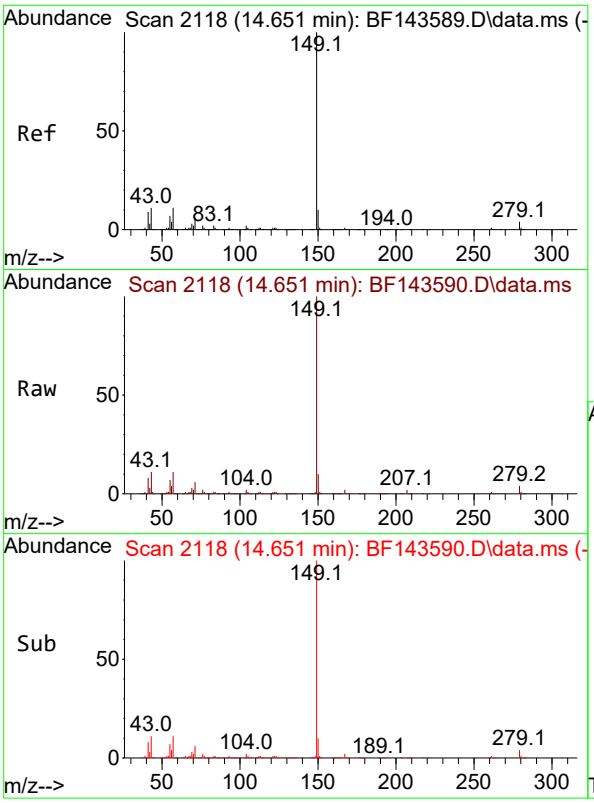


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.451 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:149 Resp: 386823

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.8	32.8
279	3.8	2.9	4.3

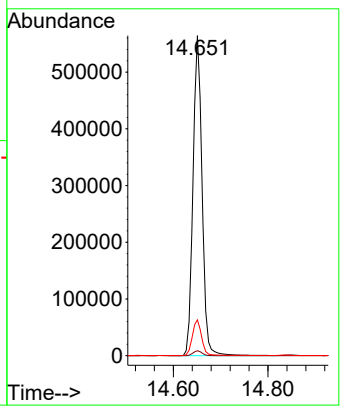




#85
Di-n-octyl phthalate
Concen: 49.140 ng
RT: 14.651 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:149 Resp: 75142

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.6	9.5	14.3



Instrument :
BNA_F
ClientSampleId :
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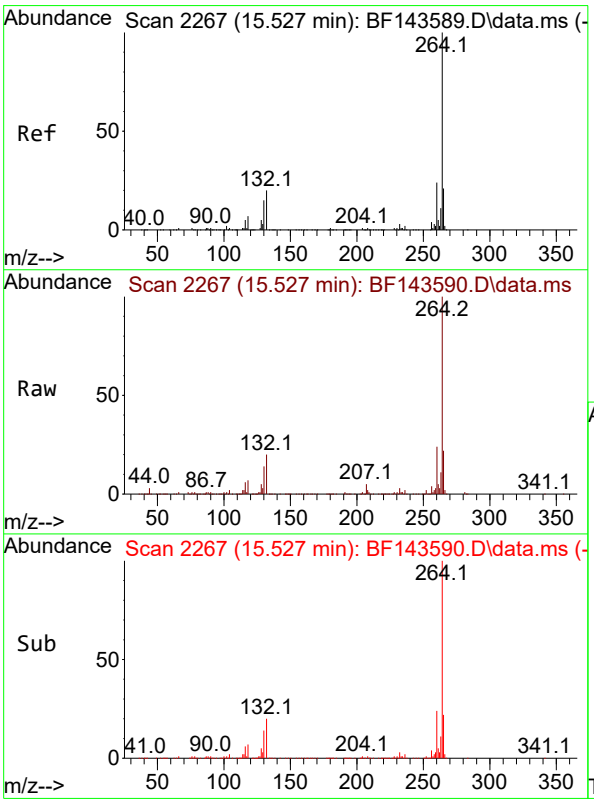
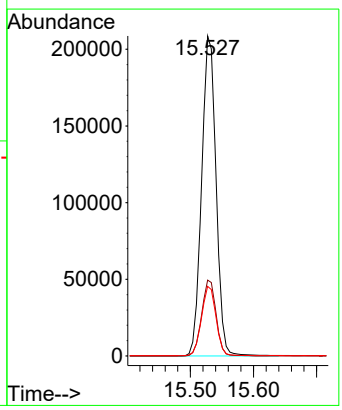
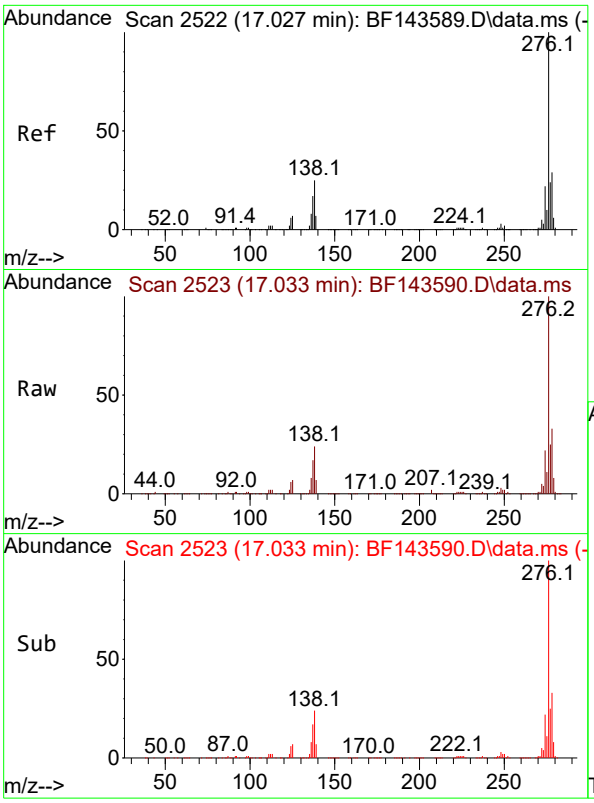


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:264 Resp: 332150

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.8	17.0	25.4

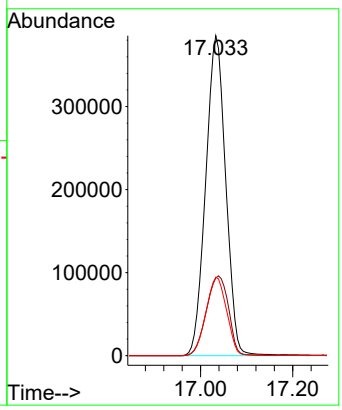




#87
Indeno(1,2,3-cd)pyrene
Concen: 51.481 ng
RT: 17.033 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:276 Resp: 116338

Ion	Ratio	Lower	Upper
276	100		
138	27.6	22.3	33.5
277	25.4	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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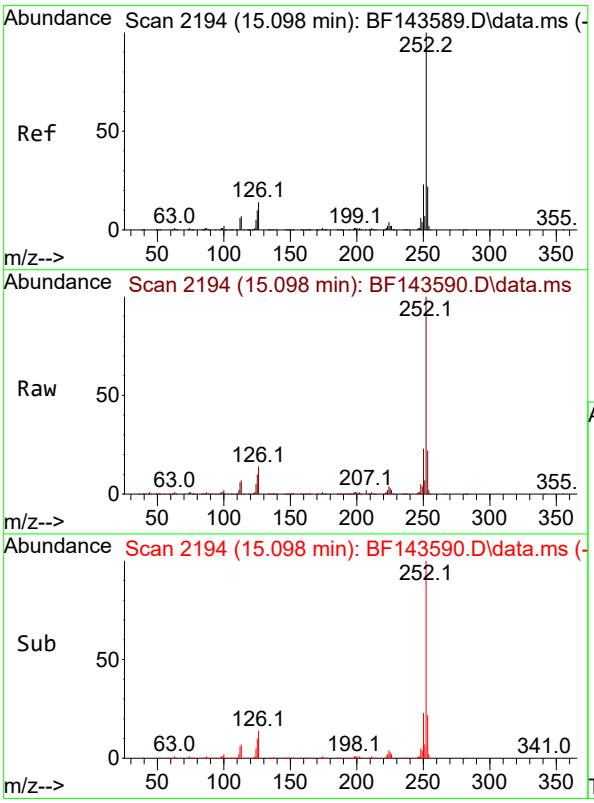
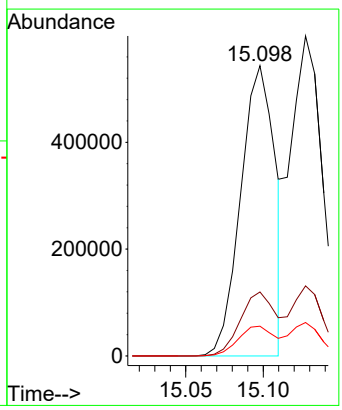
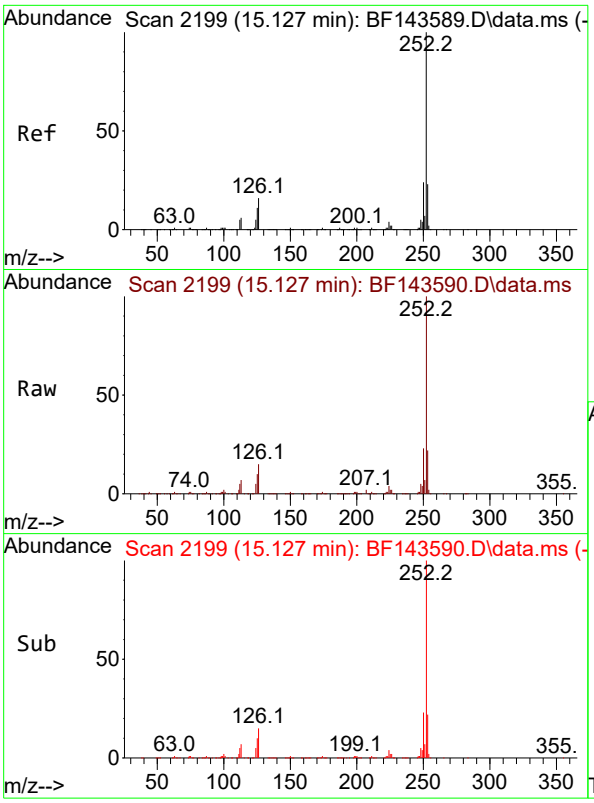


#88
Benzo(b)fluoranthene
Concen: 44.093 ng
RT: 15.098 min Scan# 2194
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:252 Resp: 836795

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.3	8.2	12.2

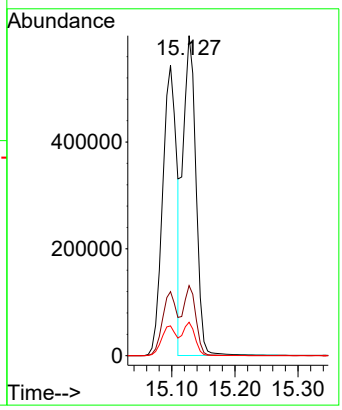




#89
Benzo(k)fluoranthene
Concen: 48.085 ng
RT: 15.127 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:252 Resp: 85323

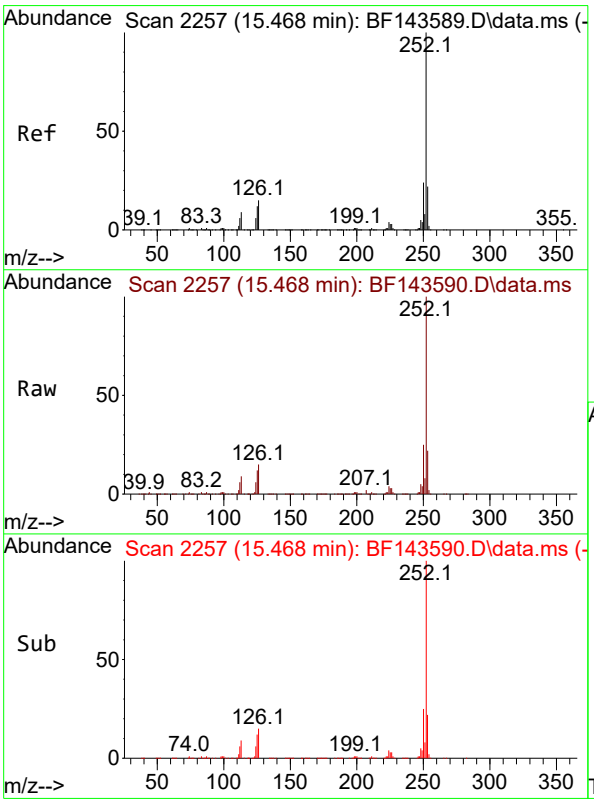
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.4	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

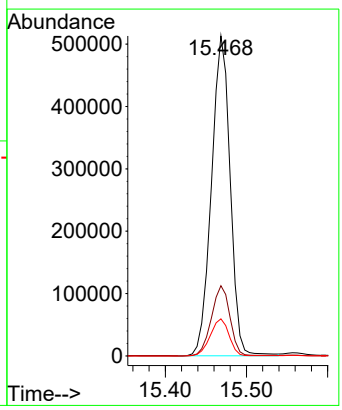
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

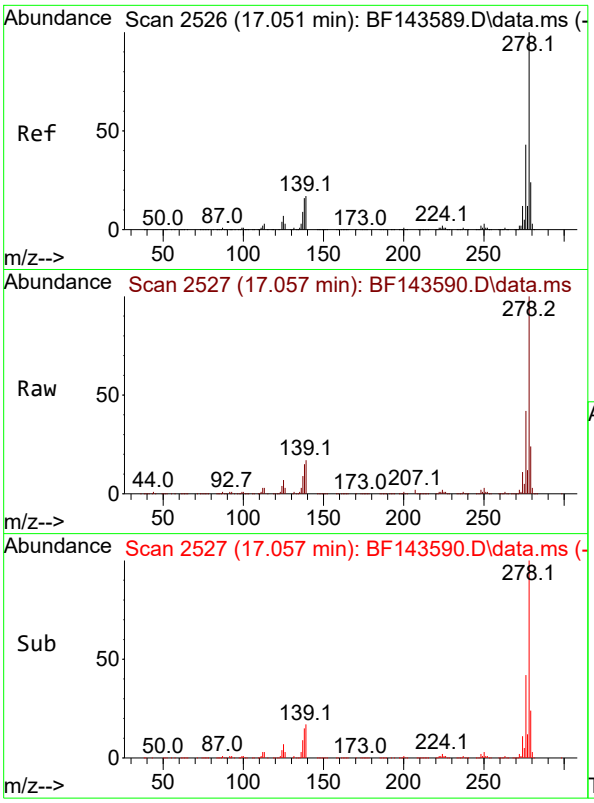


#90
Benzo(a)pyrene
Concen: 48.954 ng
RT: 15.468 min Scan# 2257
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:252 Resp: 820860

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	11.6	9.2	13.8





#91
Dibenzo(a,h)anthracene
Concen: 50.581 ng
RT: 17.057 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

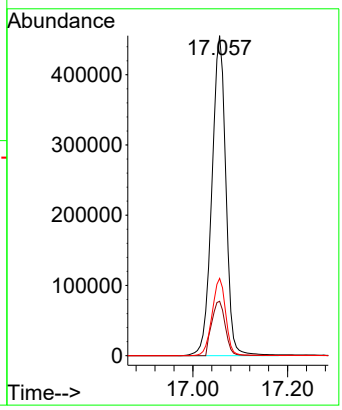
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

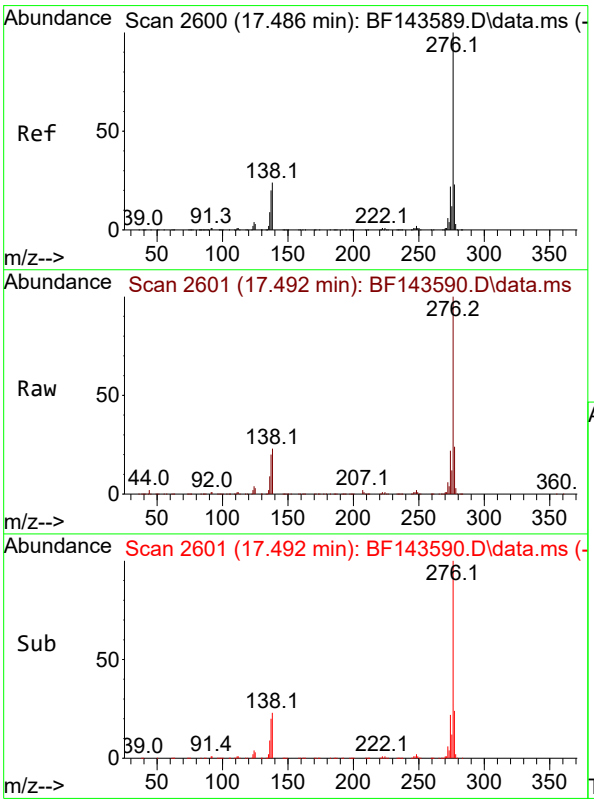
Tgt Ion:278 Resp: 93551

Ion	Ratio	Lower	Upper
278	100		
139	17.0	13.8	20.8
279	24.1	19.4	29.0

Manual Integrations
APPROVED

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

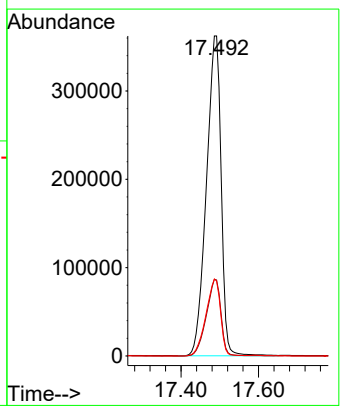




#92
Benzo(g,h,i)perylene
Concen: 52.059 ng
RT: 17.492 min Scan# 2601
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:276 Resp: 953242

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	27.8
138	23.4	19.1	28.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143591.D
Acq On : 26 Aug 2025 12:03
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 26 16:15:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	137780	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	532486	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	295079	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	460122	20.000	ng		0.00
76) Chrysene-d12	14.057	240	261773	20.000	ng		0.00
86) Perylene-d12	15.533	264	292887	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	951696	117.562	ng		0.00
7) Phenol-d6	6.516	99	1176794	117.368	ng		0.00
23) Nitrobenzene-d5	7.463	82	1006620	134.977	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	301082	130.476	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1869545	108.326	ng		0.00
79) Terphenyl-d14	13.004	244	1653509	113.350	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	235765	59.531	ng		99
3) Pyridine	3.446	79	636556	64.009	ng		98
4) n-Nitrosodimethylamine	3.404	42	290453	61.378	ng		99
6) Aniline	6.563	93	846590	60.482	ng		99
8) 2-Chlorophenol	6.681	128	520372	60.758	ng		98
9) Benzaldehyde	6.445	77	480470	63.686	ng		98
10) Phenol	6.534	94	668560m	59.450	ng		
11) bis(2-Chloroethyl)ether	6.634	93	505924	58.711	ng		99
12) 1,3-Dichlorobenzene	6.839	146	569083	57.846	ng		99
13) 1,4-Dichlorobenzene	6.916	146	573603	57.823	ng		99
14) 1,2-Dichlorobenzene	7.063	146	549053	58.351	ng		99
15) Benzyl Alcohol	7.034	79	461530	61.420	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	916500	57.620	ng		99
17) 2-Methylphenol	7.139	107	437813	60.216	ng		99
18) Hexachloroethane	7.410	117	194548	61.721	ng		99
19) n-Nitroso-di-n-propyla...	7.316	70	380716	59.938	ng		99
20) 3+4-Methylphenols	7.298	107	524073	58.687	ng		92
22) Acetophenone	7.304	105	675596	56.337	ng	#	93
24) Nitrobenzene	7.481	77	545670	68.247	ng		99
25) Isophorone	7.722	82	1044718	59.861	ng		100
26) 2-Nitrophenol	7.792	139	226541	63.010	ng		99
27) 2,4-Dimethylphenol	7.822	122	457303	60.223	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	617374	58.469	ng		100
29) 2,4-Dichlorophenol	8.028	162	453781	62.025	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	448549	58.720	ng		100
31) Naphthalene	8.198	128	1451599	56.423	ng		100
32) Benzoic acid	7.945	122	274628	64.060	ng		97
33) 4-Chloroaniline	8.245	127	521421	57.369	ng		98
34) Hexachlorobutadiene	8.316	225	279068	57.977	ng		100
35) Caprolactam	8.633	113	132920	63.950	ng		98
36) 4-Chloro-3-methylphenol	8.722	107	472718	61.802	ng		99
37) 2-Methylnaphthalene	8.886	142	966245	56.871	ng		98
38) 1-Methylnaphthalene	8.986	142	930962	56.776	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	434888	56.661	ng		99
41) Hexachlorocyclopentadiene	9.045	237	246889	65.387	ng		98
43) 2,4,6-Trichlorophenol	9.163	196	321966	63.482	ng		100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143591.D
Acq On : 26 Aug 2025 12:03
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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

Quant Time: Aug 26 16:15:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	325359	63.486	ng		99
46) 1,1'-Biphenyl	9.357	154	1139538	55.656	ng		99
47) 2-Chloronaphthalene	9.380	162	917192	56.708	ng		99
48) 2-Nitroaniline	9.469	65	290200	63.110	ng		98
49) Acenaphthylene	9.792	152	1337587	56.840	ng		100
50) Dimethylphthalate	9.651	163	1065705	58.716	ng		100
51) 2,6-Dinitrotoluene	9.716	165	199989	63.848	ng		94
52) Acenaphthene	9.969	154	877939	56.955	ng		99
53) 3-Nitroaniline	9.880	138	231736	62.988	ng	#	99
54) 2,4-Dinitrophenol	9.980	184	68520	63.601	ng		97
55) Dibenzofuran	10.139	168	1284512	56.837	ng		100
56) 4-Nitrophenol	10.027	139	192769	62.919	ng		98
57) 2,4-Dinitrotoluene	10.116	165	260649	63.380	ng		98
58) Fluorene	10.480	166	934500	55.074	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	254290	67.114	ng		99
60) Diethylphthalate	10.357	149	1015342	59.694	ng		100
61) 4-Chlorophenyl-phenyle...	10.475	204	465155	56.053	ng		97
62) 4-Nitroaniline	10.498	138	216075	62.913	ng		100
63) Azobenzene	10.633	77	996600	57.788	ng		99
65) 4,6-Dinitro-2-methylph...	10.522	198	109742	63.420	ng		98
66) n-Nitrosodiphenylamine	10.592	169	842397	57.558	ng		100
67) 4-Bromophenyl-phenylether	10.963	248	291665	58.603	ng		97
68) Hexachlorobenzene	11.027	284	311387	58.492	ng		99
69) Atrazine	11.116	200	260523	61.926	ng		99
70) Pentachlorophenol	11.216	266	200425	65.896	ng		100
71) Phenanthrene	11.445	178	1372211	55.700	ng		100
72) Anthracene	11.492	178	1386506	55.847	ng		99
73) Carbazole	11.645	167	1194384	55.655	ng		99
74) Di-n-butylphthalate	11.980	149	1336721	61.153	ng		100
75) Fluoranthene	12.627	202	1243512	55.282	ng		100
77) Benzidine	12.745	184	174059	28.072	ng		100
78) Pyrene	12.857	202	1266940	57.831	ng		100
80) Butylbenzylphthalate	13.474	149	402596	63.769	ng		99
81) Benzo(a)anthracene	14.045	228	957974	58.169	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	262549	59.461	ng		99
83) Chrysene	14.080	228	917582	59.784	ng		100
84) Bis(2-ethylhexyl)phtha...	14.039	149	500152	61.448	ng		99
85) Di-n-octyl phthalate	14.651	149	925529	59.879	ng		98
87) Indeno(1,2,3-cd)pyrene	17.033	276	1256650	63.063	ng		99
88) Benzo(b)fluoranthene	15.098	252	1040364	62.168	ng		100
89) Benzo(k)fluoranthene	15.127	252	863077	55.159	ng		100
90) Benzo(a)pyrene	15.468	252	904702	61.188	ng		99
91) Dibenzo(a,h)anthracene	17.056	278	1021635	62.642	ng		100
92) Benzo(g,h,i)perylene	17.492	276	1016575	62.960	ng		99

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

ICAL Form

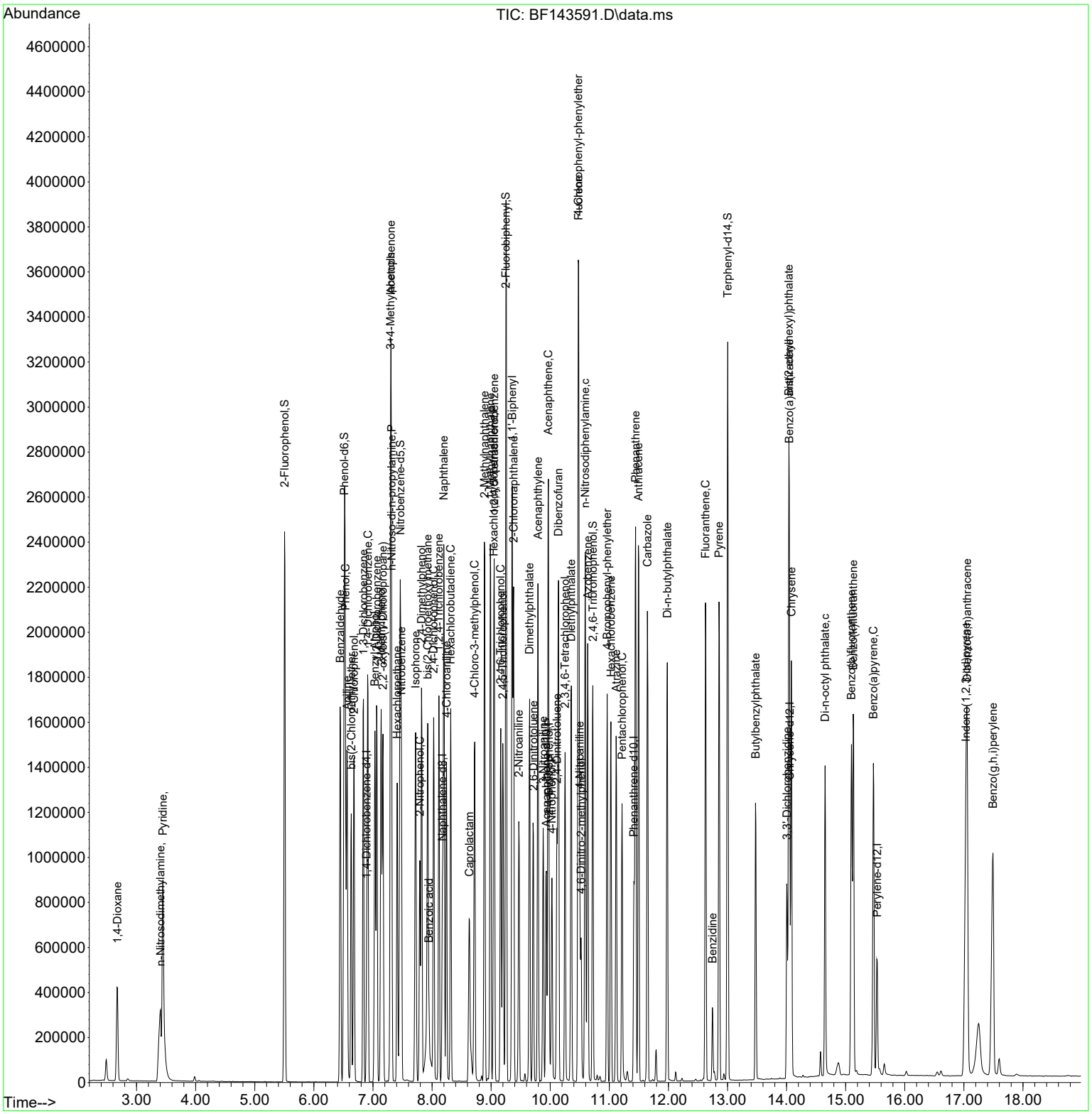
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143591.D
Acq On : 26 Aug 2025 12:03
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

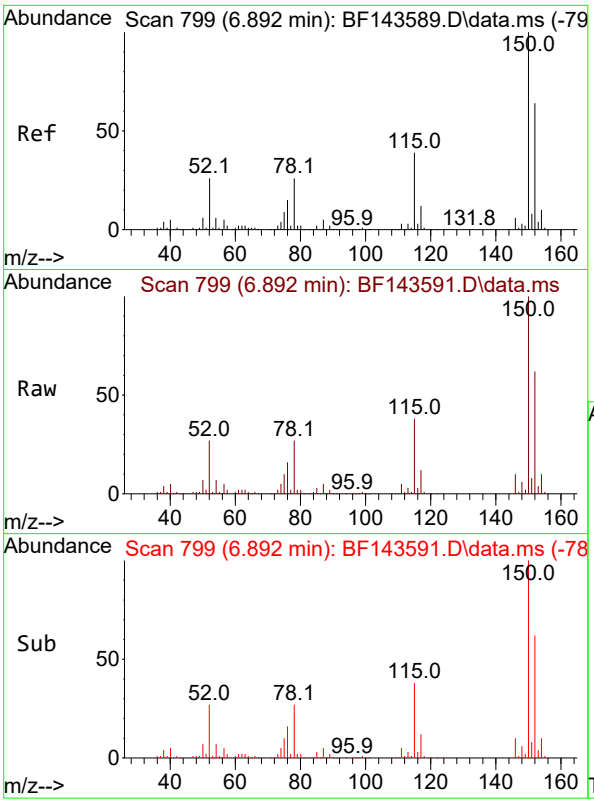
Quant Time: Aug 26 16:15:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

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

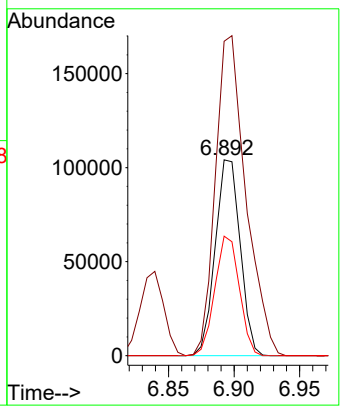




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:152 Resp: 13778

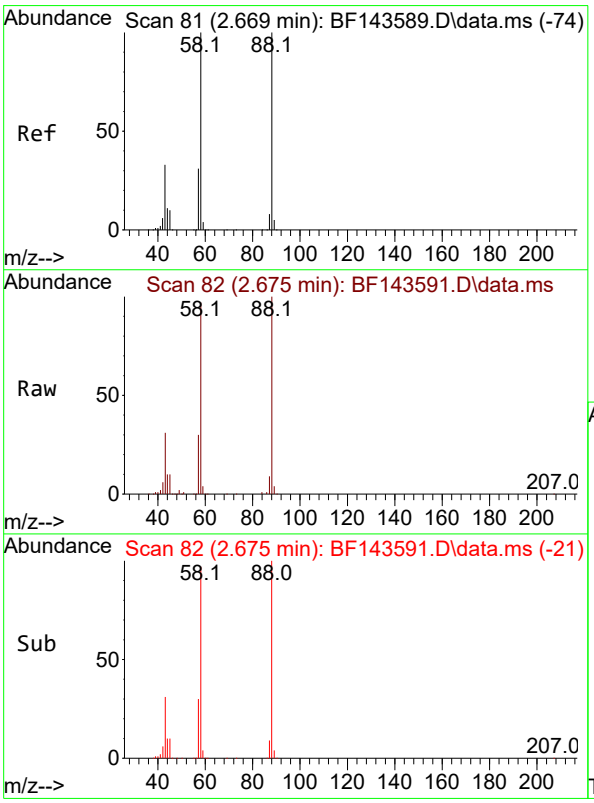
Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.9	187.3
115	61.0	48.0	72.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

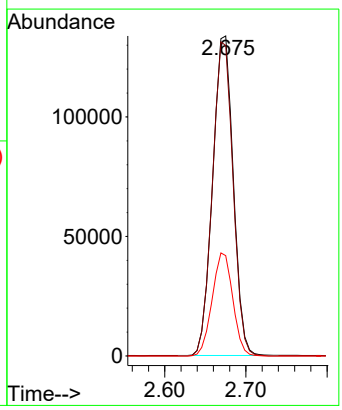
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

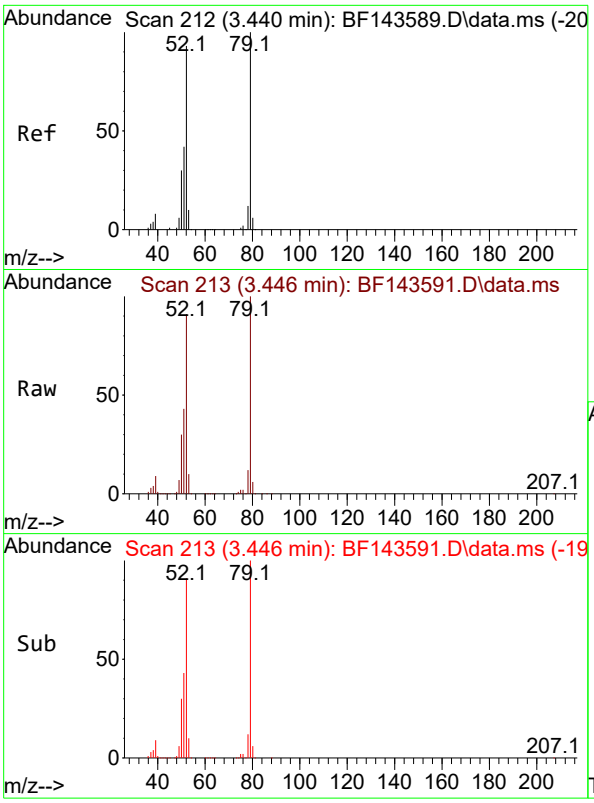


#2
1,4-Dioxane
Concen: 59.531 ng
RT: 2.675 min Scan# 82
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion: 88 Resp: 235765

Ion	Ratio	Lower	Upper
88	100		
58	98.3	79.2	118.8
43	32.2	26.2	39.2

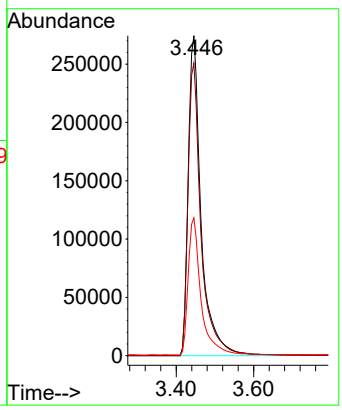




#3
Pyridine
Concen: 64.009 ng
RT: 3.446 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion: 79 Resp: 63655

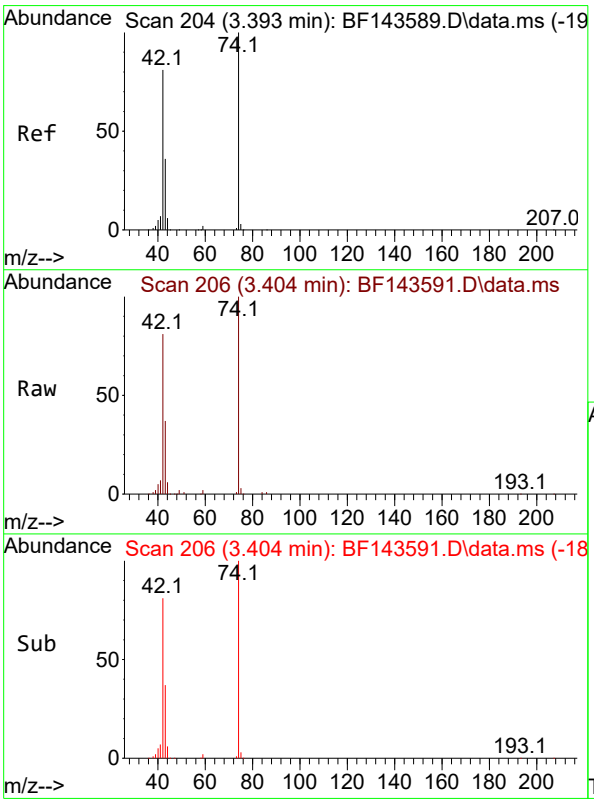
Ion	Ratio	Lower	Upper
79	100		
52	91.4	74.3	111.5
51	43.0	33.5	50.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

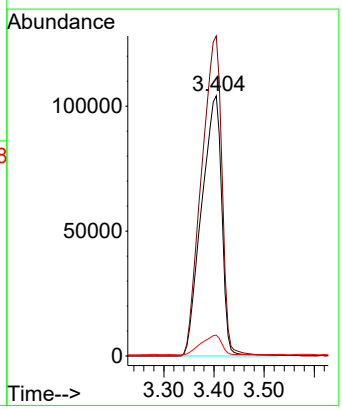
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

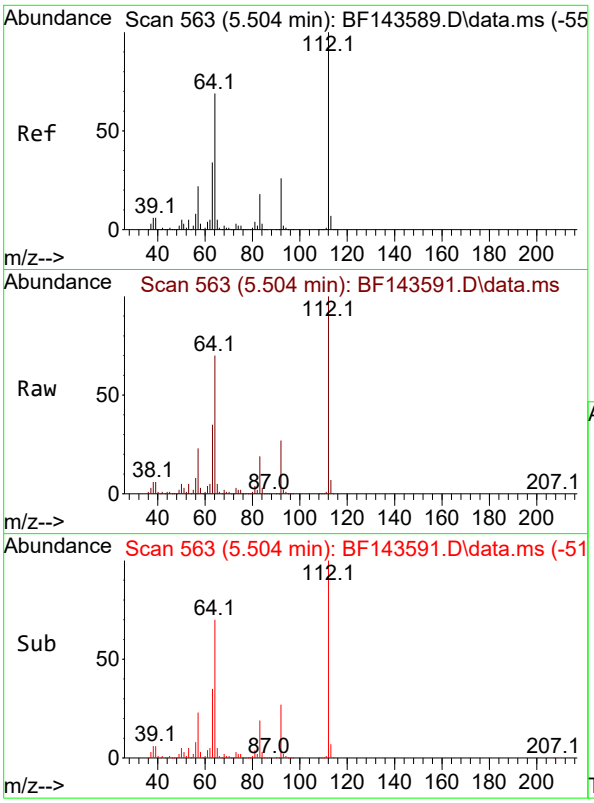


#4
n-Nitrosodimethylamine
Concen: 61.378 ng
RT: 3.404 min Scan# 206
Delta R.T. 0.012 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion: 42 Resp: 290453

Ion	Ratio	Lower	Upper
42	100		
74	123.0	98.9	148.3
44	8.0	7.0	10.4





#5
2-Fluorophenol
Concen: 117.562 ng
RT: 5.504 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

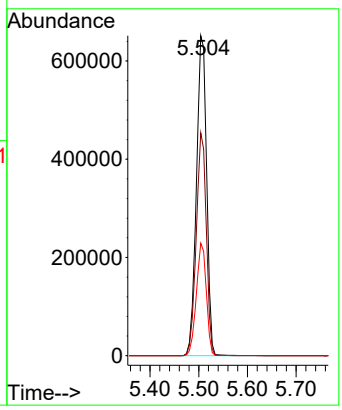
Tgt Ion:112 Resp: 95169

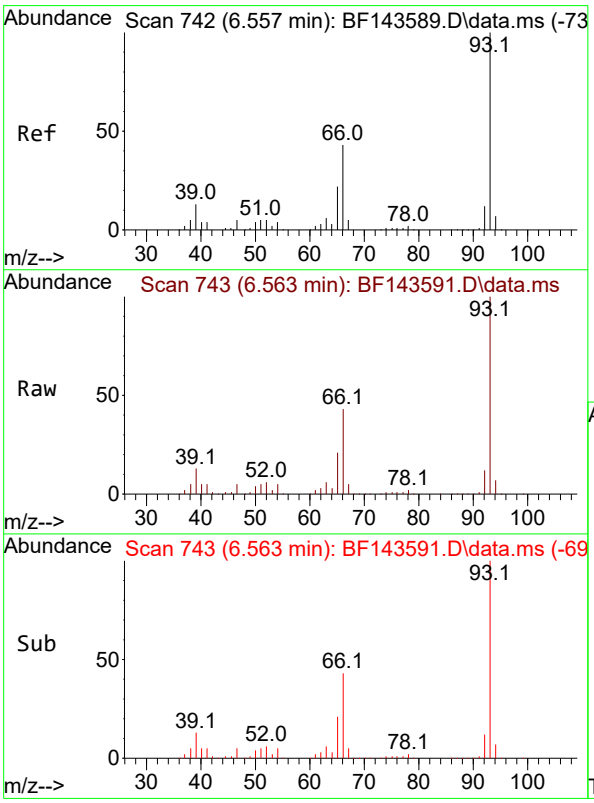
Ion	Ratio	Lower	Upper
112	100		
64	69.6	54.8	82.2
63	35.2	27.6	41.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

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

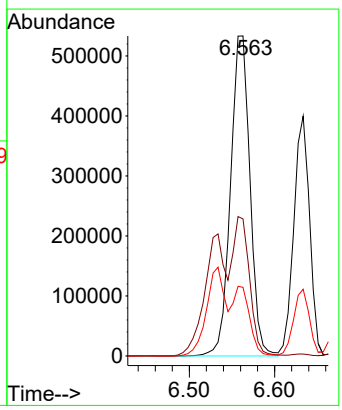


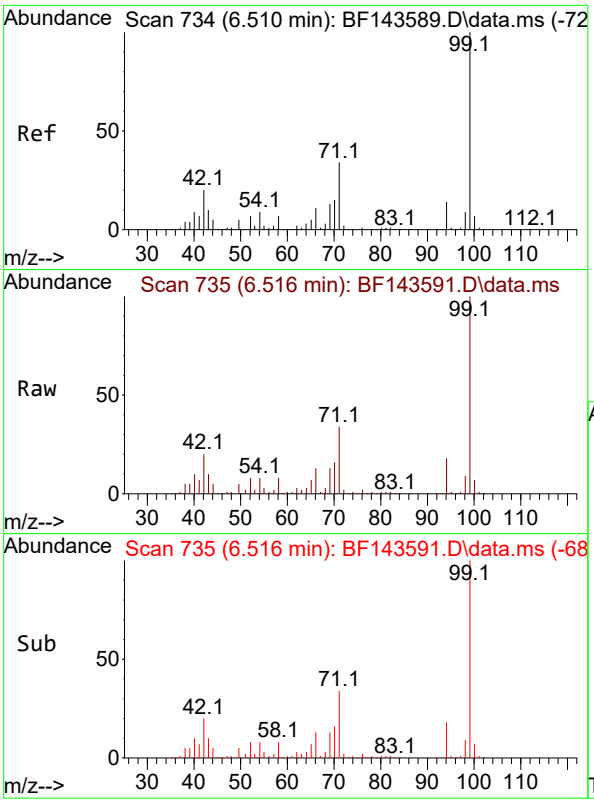


#6
Aniline
Concen: 60.482 ng
RT: 6.563 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion: 93 Resp: 846590

Ion	Ratio	Lower	Upper
93	100		
66	42.9	35.0	52.4
65	21.4	17.5	26.3

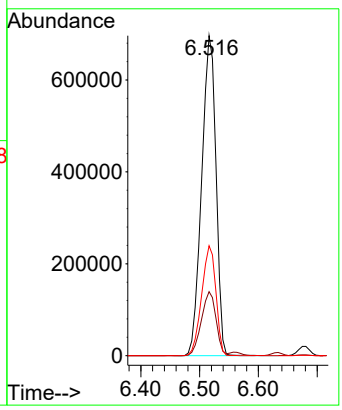




#7
Phenol-d6
Concen: 117.368 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion: 99 Resp: 117679

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.9	23.9
71	34.3	27.2	40.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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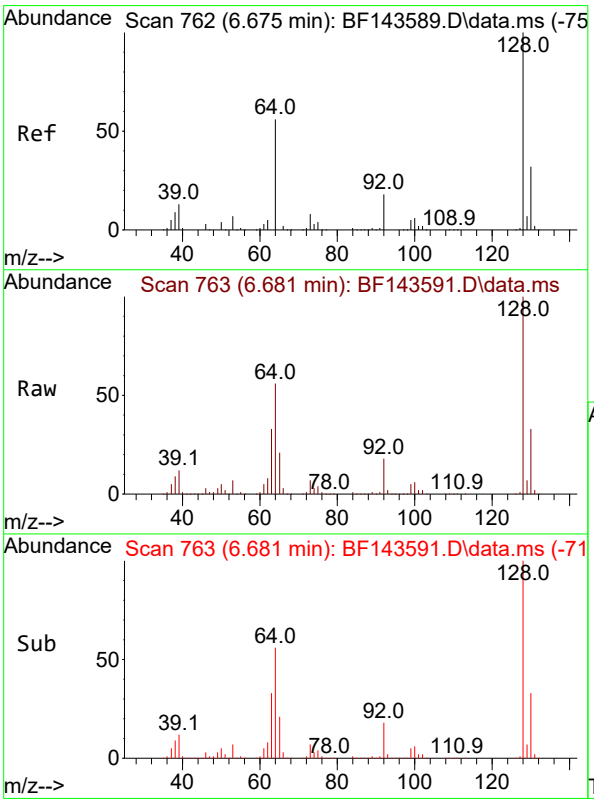
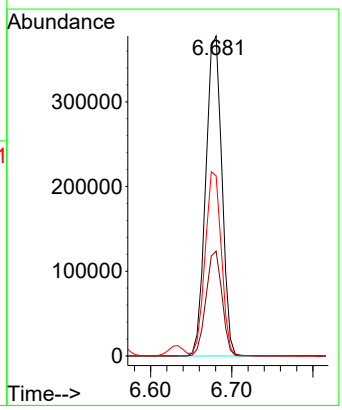
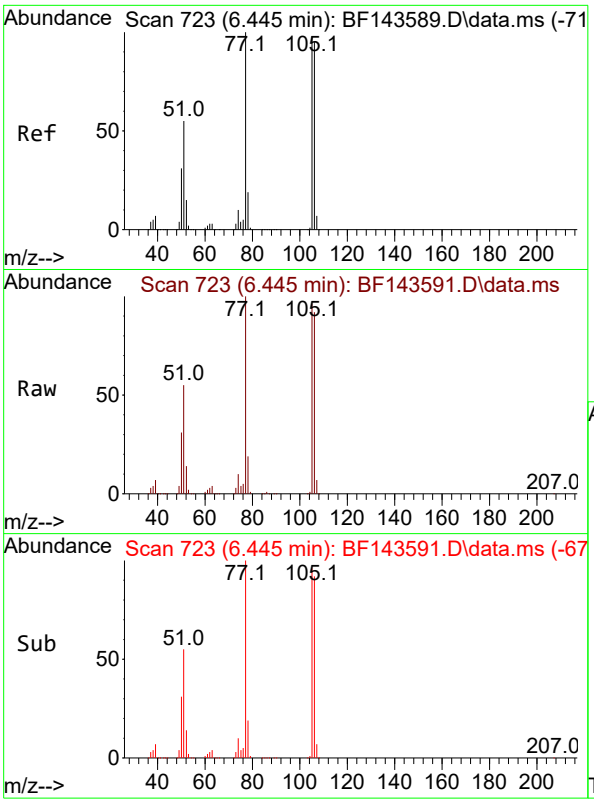


#8
2-Chlorophenol
Concen: 60.758 ng
RT: 6.681 min Scan# 763
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:128 Resp: 520372

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.3	52.3
64	56.3	38.4	78.4

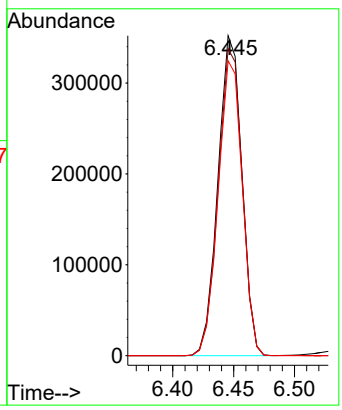




#9
Benzaldehyde
Concen: 63.686 ng
RT: 6.445 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion: 77 Resp: 48047

Ion	Ratio	Lower	Upper
77	100		
105	96.0	77.9	117.9
106	92.2	74.9	114.9



Instrument :
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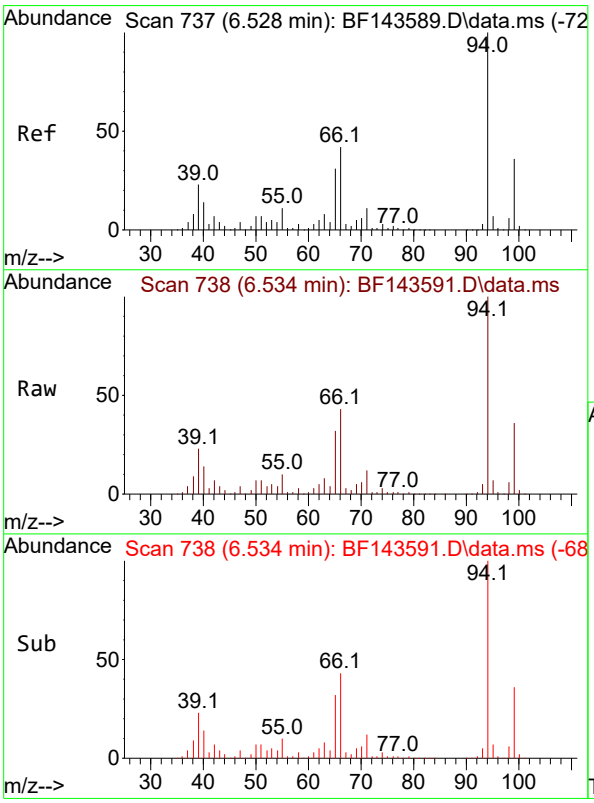
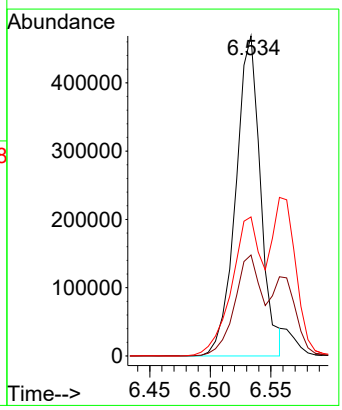
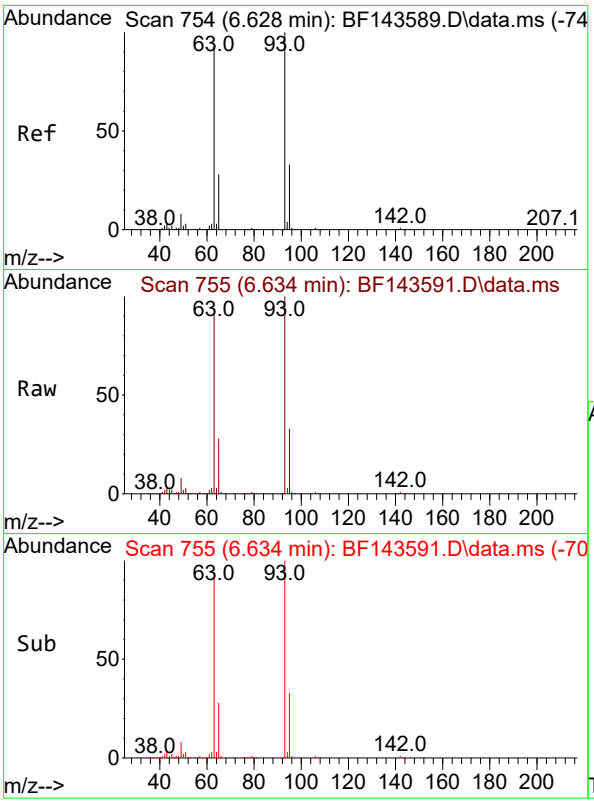


#10
Phenol
Concen: 59.450 ng m
RT: 6.534 min Scan# 738
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion: 94 Resp: 668560

Ion	Ratio	Lower	Upper
94	100		
65	31.6	11.0	51.0
66	43.4	22.1	62.1

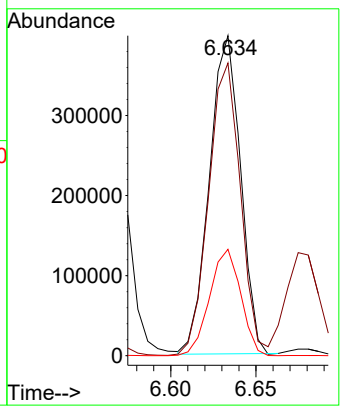




#11
bis(2-Chloroethyl)ether
Concen: 58.711 ng
RT: 6.634 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion: 93 Resp: 50592

Ion	Ratio	Lower	Upper
93	100		
63	91.4	72.1	112.1
95	33.2	12.8	52.8



Instrument :
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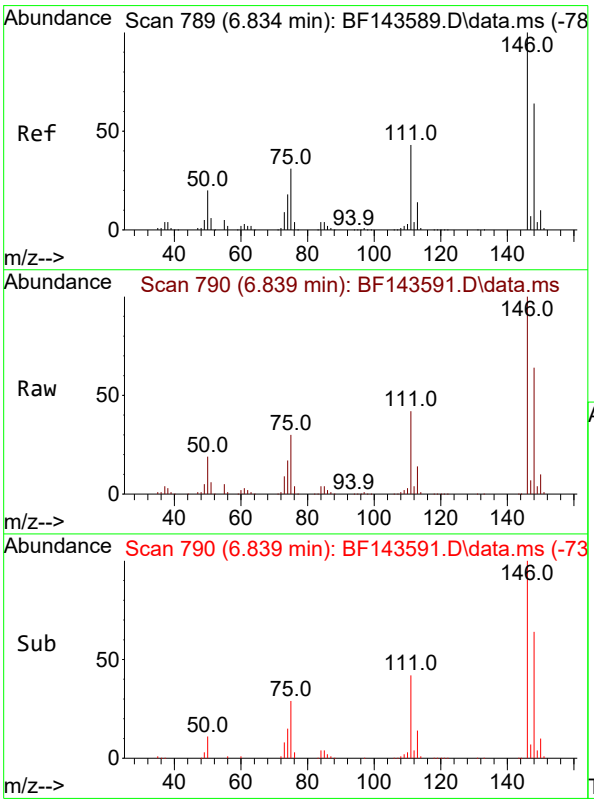
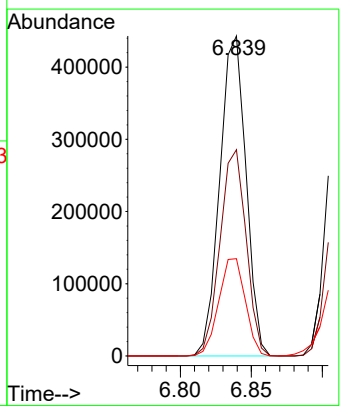
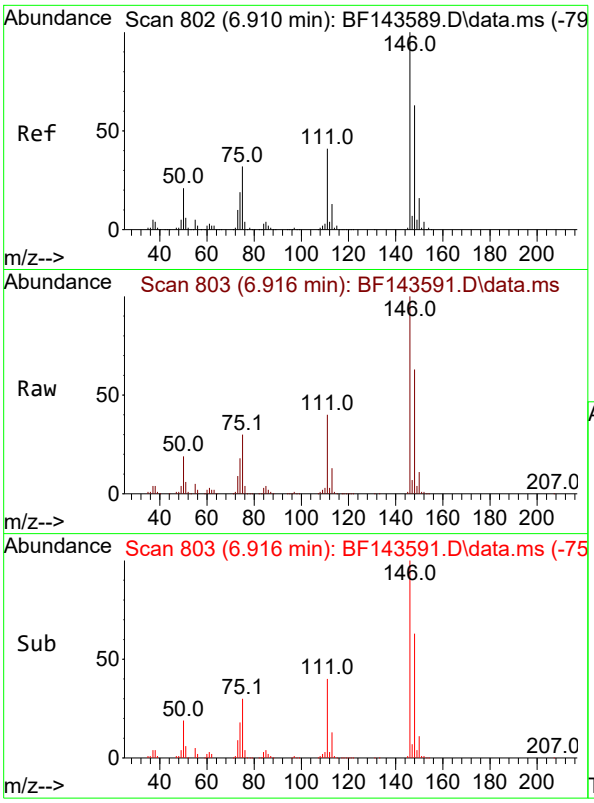


#12
1,3-Dichlorobenzene
Concen: 57.846 ng
RT: 6.839 min Scan# 790
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:146 Resp: 569083

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.1	76.7
75	30.4	25.2	37.8

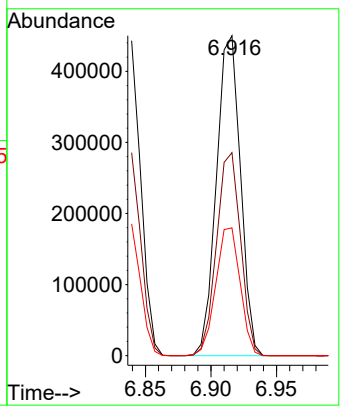




#13
1,4-Dichlorobenzene
Concen: 57.823 ng
RT: 6.916 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:146 Resp: 57360

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
111	39.9	32.4	48.6



Instrument :
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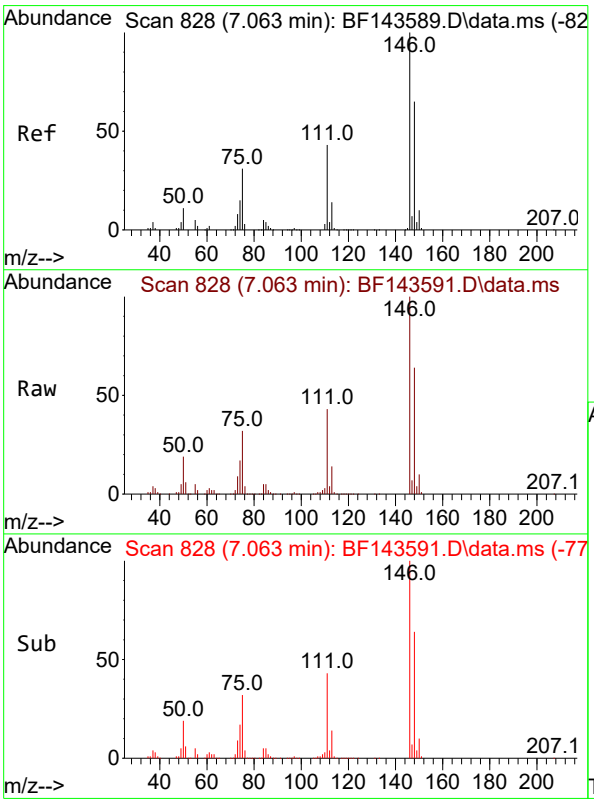
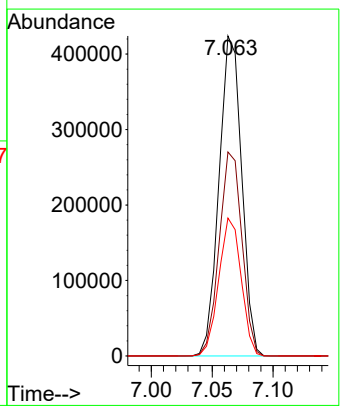
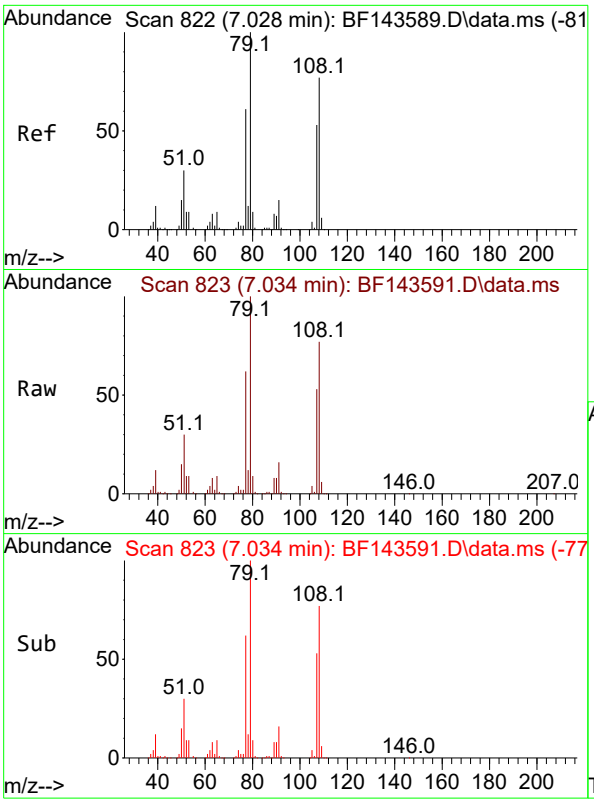


#14
1,2-Dichlorobenzene
Concen: 58.351 ng
RT: 7.063 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:146 Resp: 549053

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.7	77.5
111	43.1	34.7	52.1

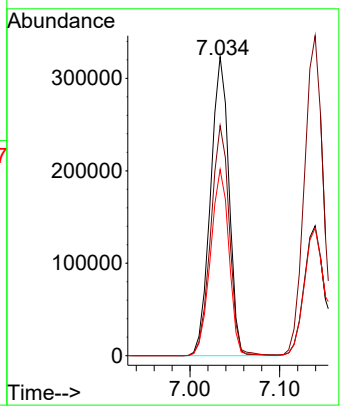




#15
Benzyl Alcohol
Concen: 61.420 ng
RT: 7.034 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion: 79 Resp: 46153

Ion	Ratio	Lower	Upper
79	100		
108	76.9	61.3	91.9
77	62.2	48.7	73.1



Instrument :
BNA_F
ClientSampleId :
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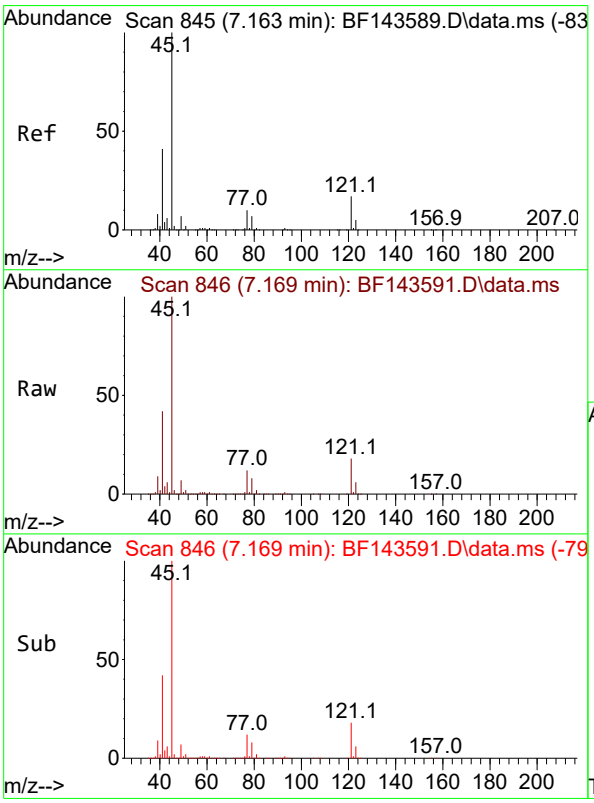
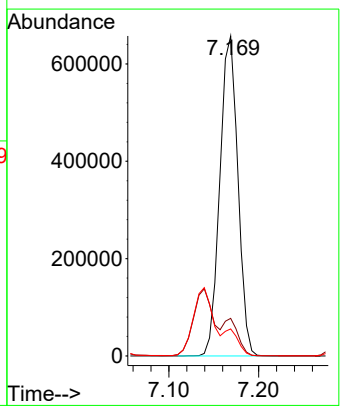
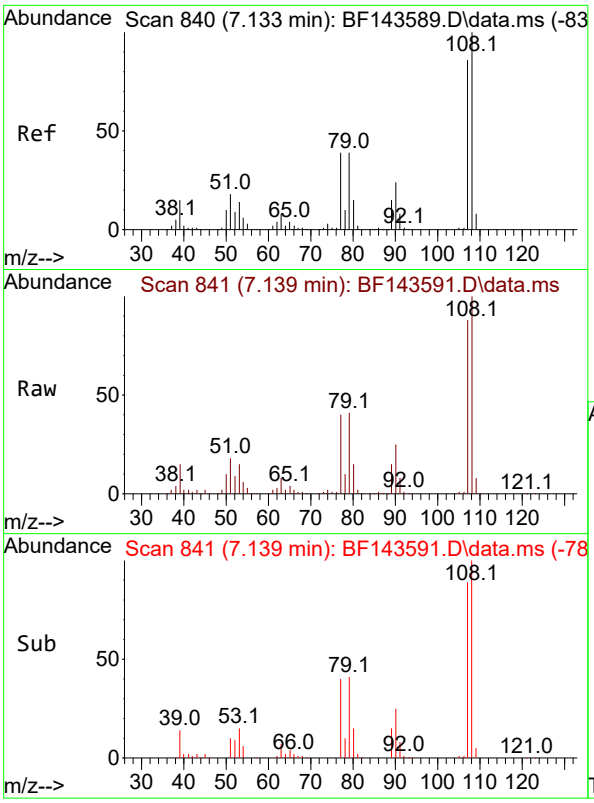


#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.620 ng
RT: 7.169 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion: 45 Resp: 916500

Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	31.1
79	8.4	0.0	28.1

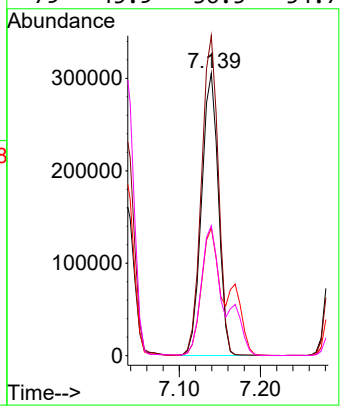




#17
2-Methylphenol
Concen: 60.216 ng
RT: 7.139 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:107 Resp: 43781

Ion	Ratio	Lower	Upper
107	100		
108	113.2	92.6	138.8
77	45.2	36.3	54.5
79	45.9	36.5	54.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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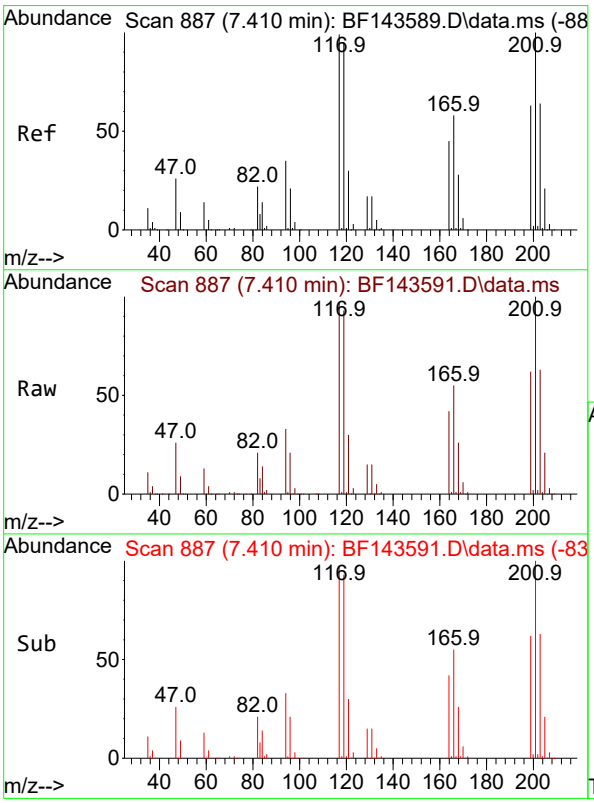
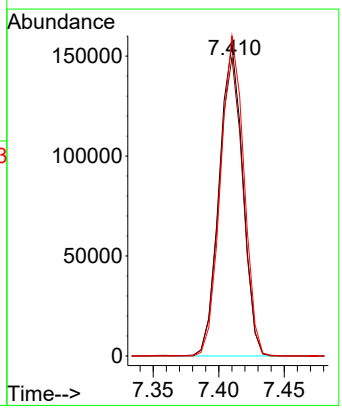
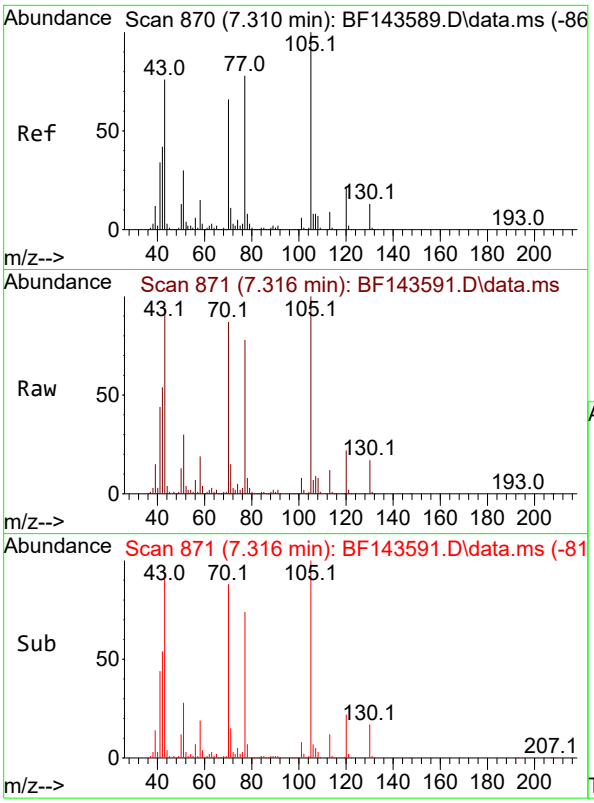


#18
Hexachloroethane
Concen: 61.721 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:117 Resp: 194548

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.6	115.0
201	102.8	81.0	121.4

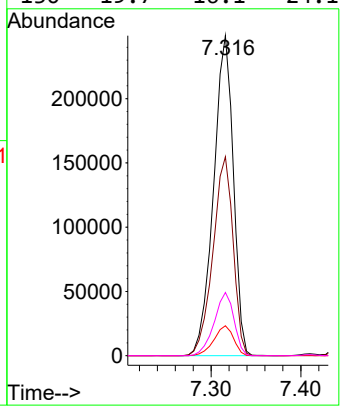




#19
n-Nitroso-di-n-propylamine
Concen: 59.938 ng
RT: 7.316 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion: 70 Resp: 38071

Ion	Ratio	Lower	Upper
70	100		
42	62.1	50.6	75.8
101	9.4	7.5	11.3
130	19.7	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
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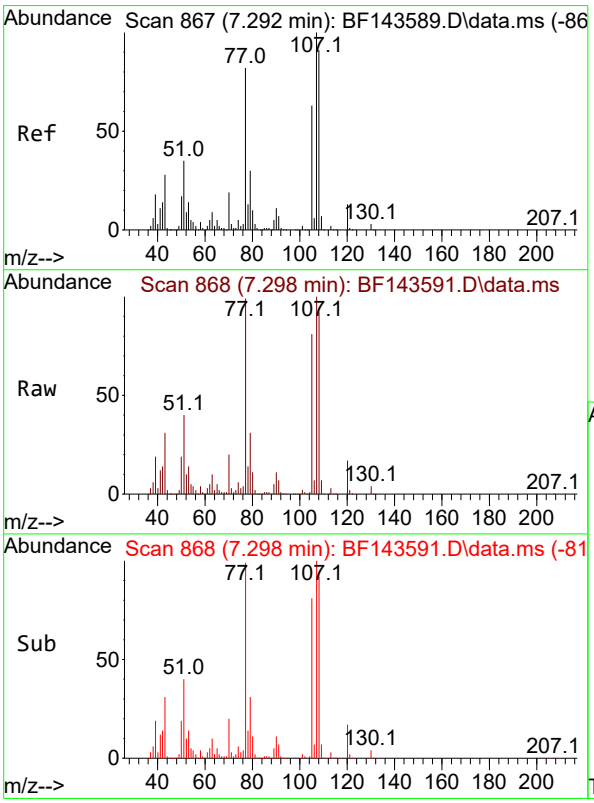
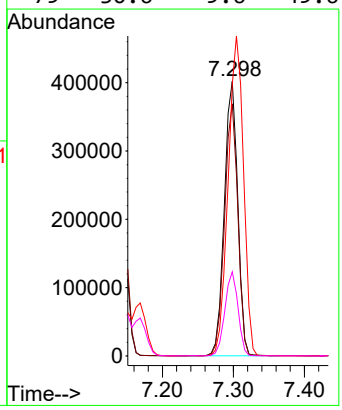
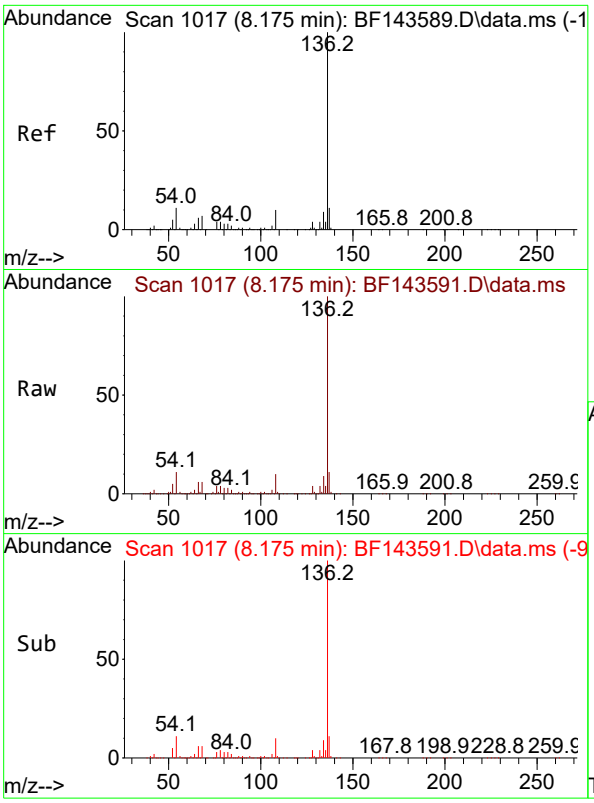


#20
3+4-Methylphenols
Concen: 58.687 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:107 Resp: 524073

Ion	Ratio	Lower	Upper
107	100		
108	91.8	71.1	111.1
77	98.7	62.5	102.5
79	30.6	9.6	49.6

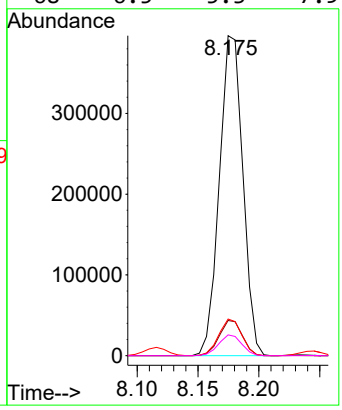




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:136 Resp: 53248(

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	11.5	9.0	13.6
68	6.5	5.3	7.9



Instrument :
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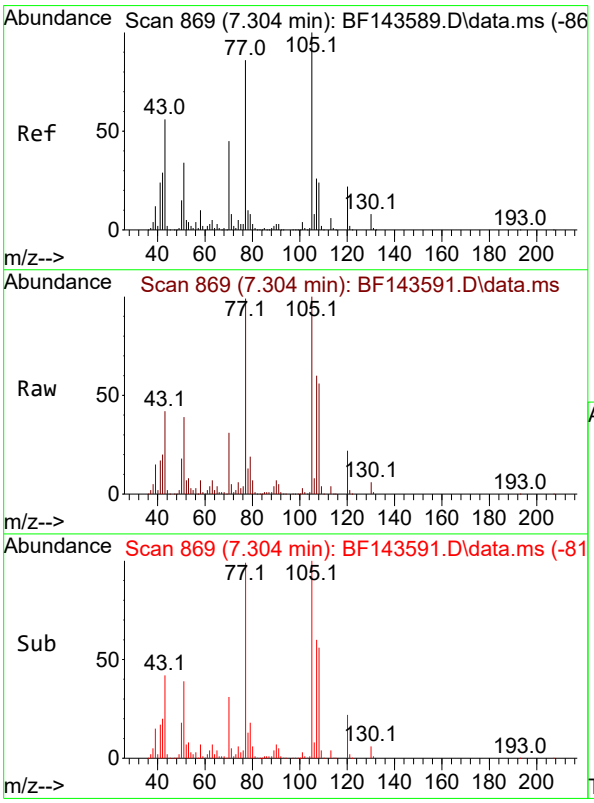
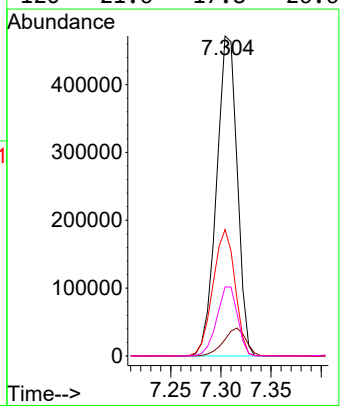
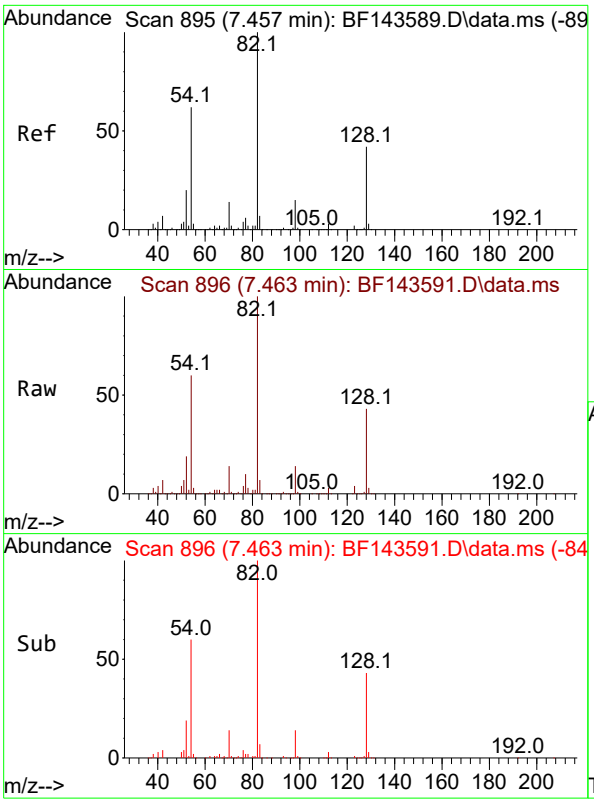


#22
Acetophenone
Concen: 56.337 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:105 Resp: 675596

Ion	Ratio	Lower	Upper
105	100		
71	5.2	6.0	9.0#
51	39.5	27.0	40.6
120	21.6	17.8	26.6

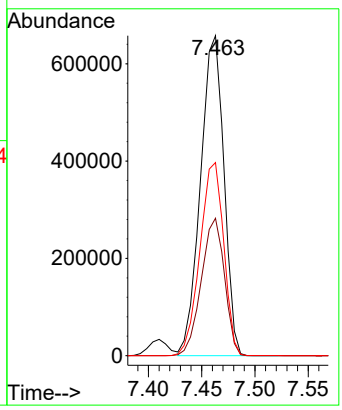




#23
Nitrobenzene-d5
Concen: 134.977 ng
RT: 7.463 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion: 82 Resp: 100662

Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.4	50.2
54	60.4	49.3	73.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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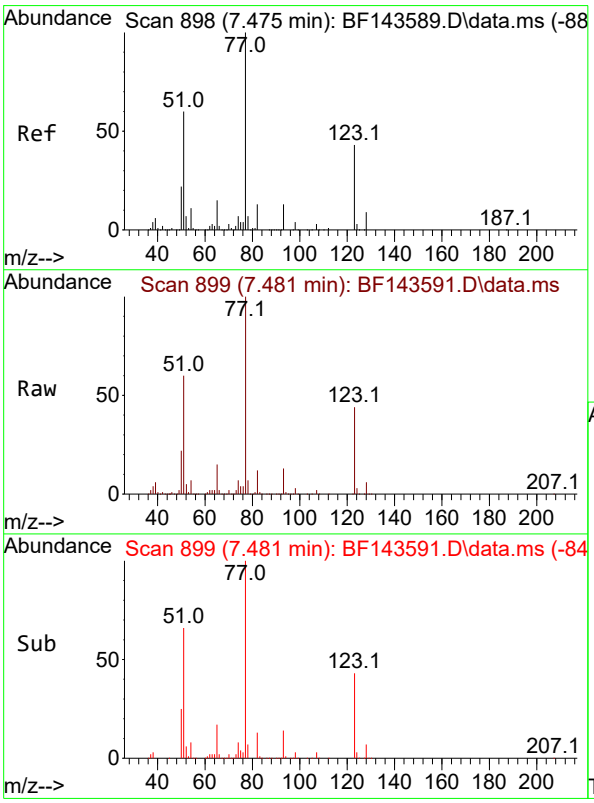
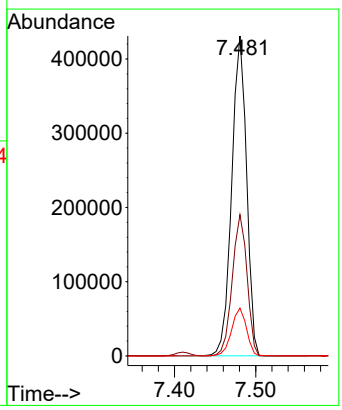
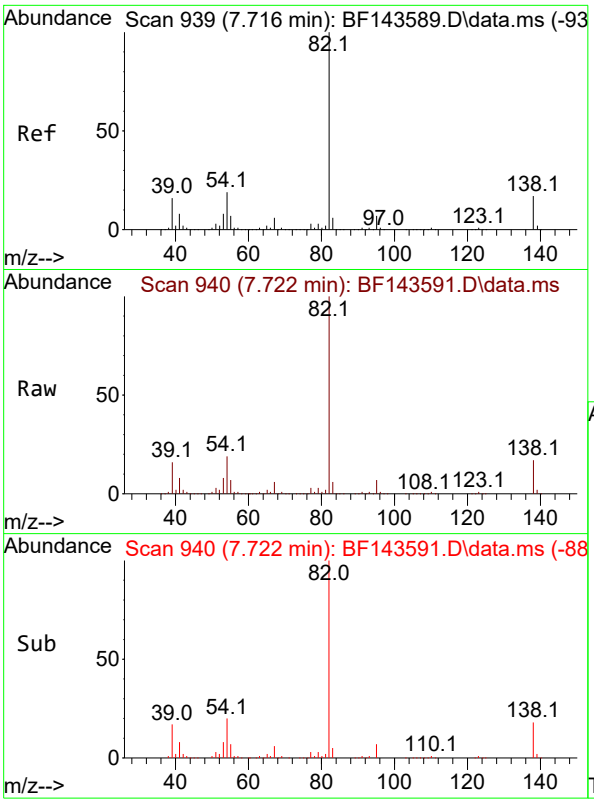


#24
Nitrobenzene
Concen: 68.247 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion: 77 Resp: 545670

Ion	Ratio	Lower	Upper
77	100		
123	44.2	34.9	52.3
65	14.9	12.0	18.0

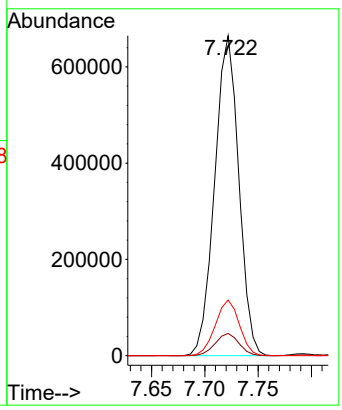




#25
Isophorone
Concen: 59.861 ng
RT: 7.722 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion: 82 Resp: 104471

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.5	8.3
138	17.4	13.8	20.8



Instrument :
BNA_F
ClientSampleId :
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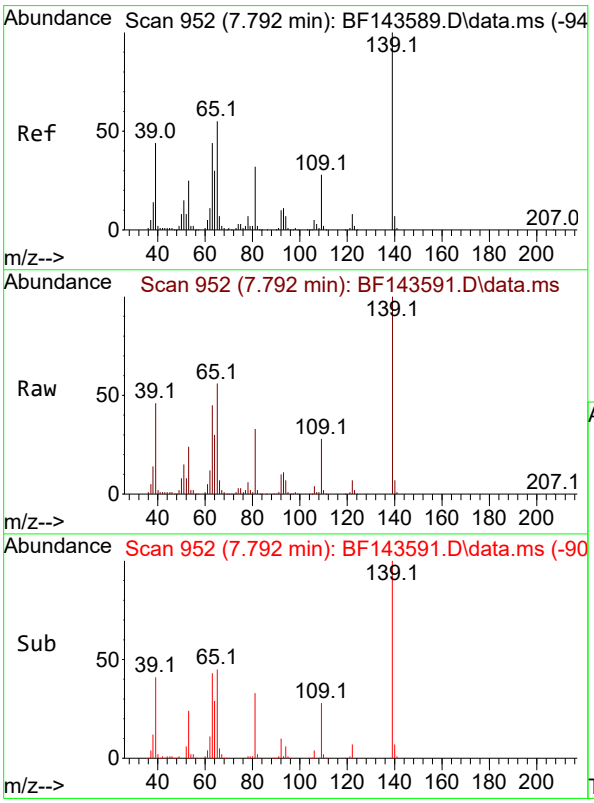
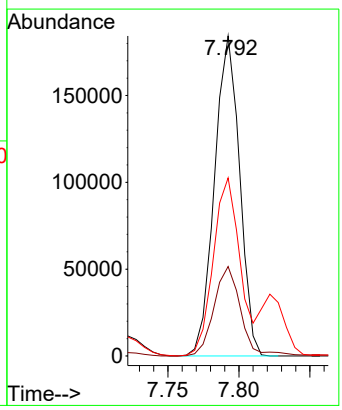
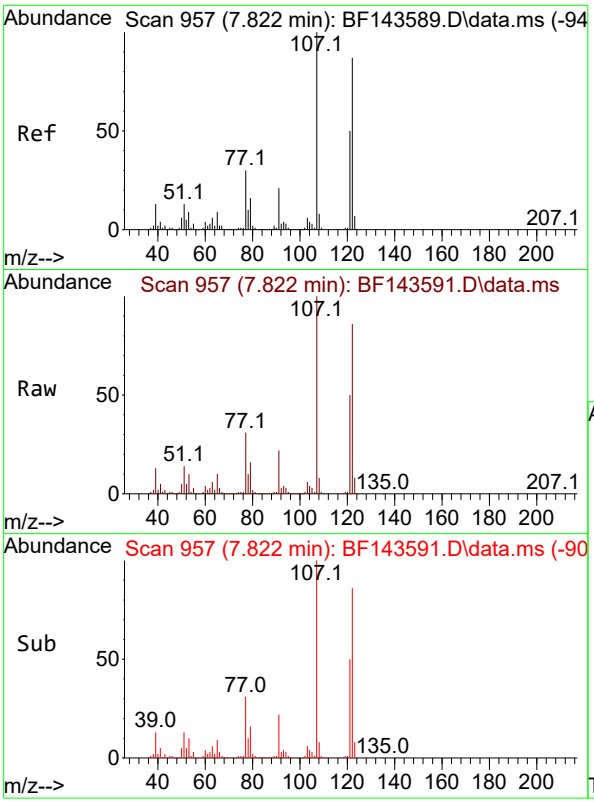


#26
2-Nitrophenol
Concen: 63.010 ng
RT: 7.792 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:139 Resp: 226541

Ion	Ratio	Lower	Upper
139	100		
109	28.0	22.3	33.5
65	55.7	44.0	66.0

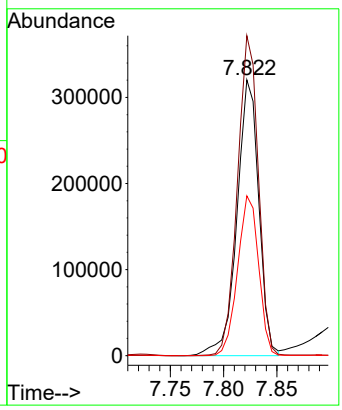




#27
2,4-Dimethylphenol
Concen: 60.223 ng
RT: 7.822 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:122 Resp: 45730

Ion	Ratio	Lower	Upper
122	100		
107	116.0	92.1	138.1
121	58.0	46.2	69.4



Instrument :
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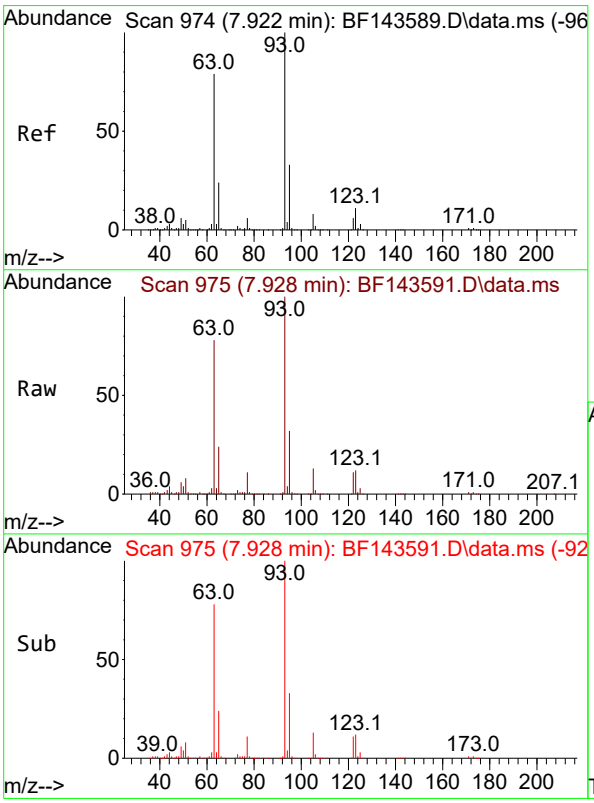
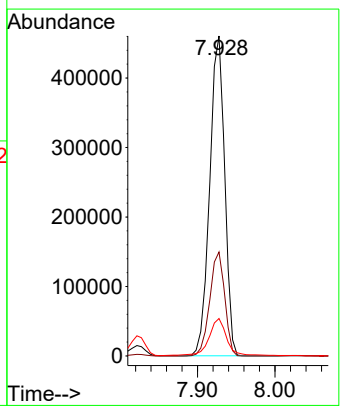
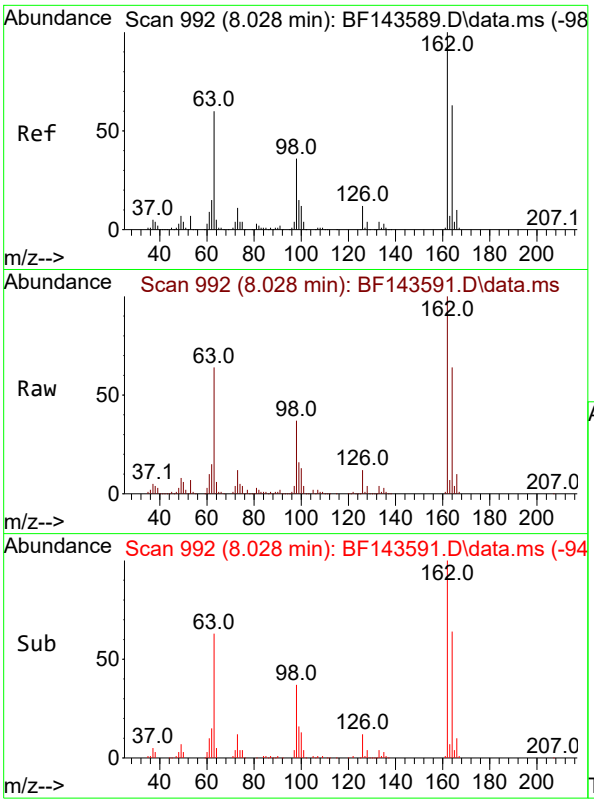


#28
bis(2-Chloroethoxy)methane
Concen: 58.469 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion: 93 Resp: 617374

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.2
123	11.7	9.3	13.9





#29
2,4-Dichlorophenol
Concen: 62.025 ng
RT: 8.028 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:162 Resp: 45378

Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.3	83.3
98	37.0	16.1	56.1

Instrument :
BNA_F
ClientSampleId :
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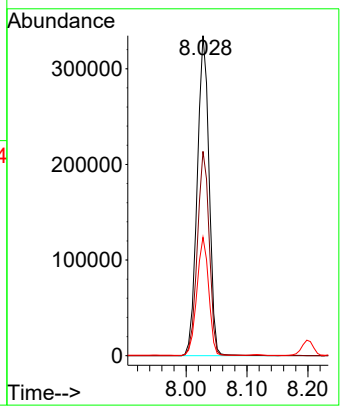
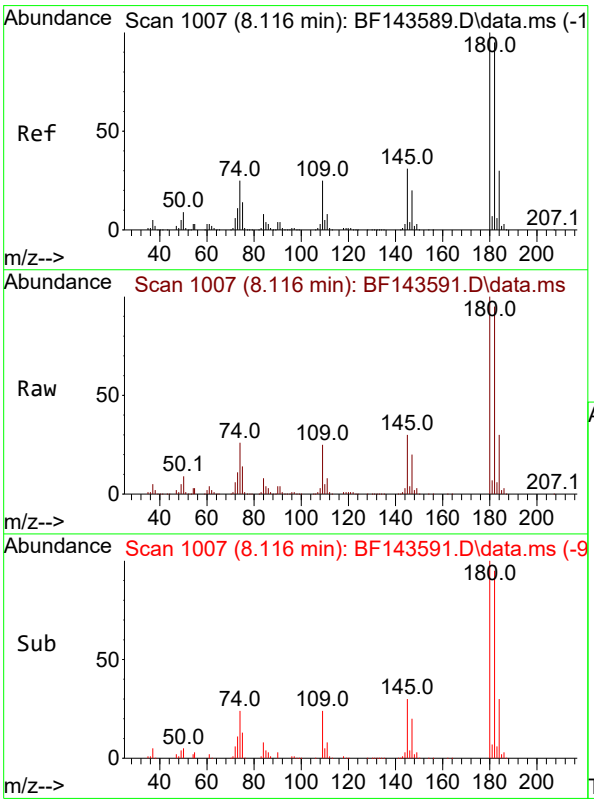
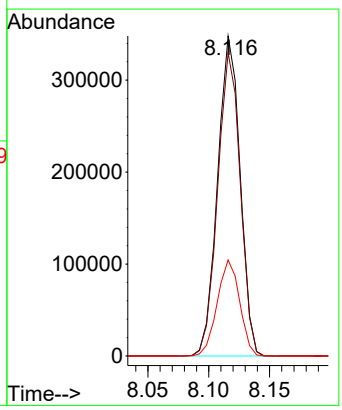


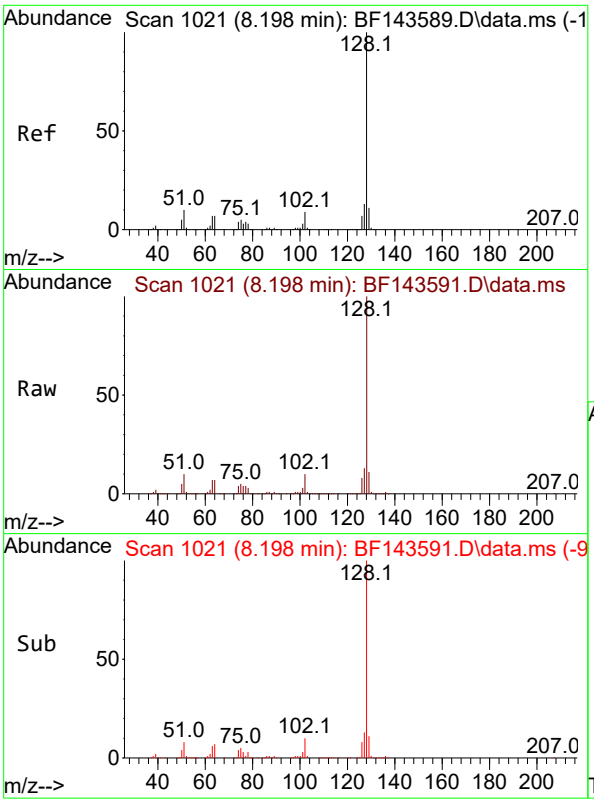


#30
1,2,4-Trichlorobenzene
Concen: 58.720 ng
RT: 8.116 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:180 Resp: 448549

Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.8	113.6
145	30.0	24.5	36.7

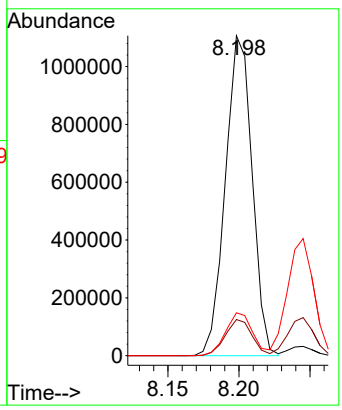




#31
Naphthalene
Concen: 56.423 ng
RT: 8.198 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:128 Resp: 145159

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.4	10.6	15.8



Instrument :
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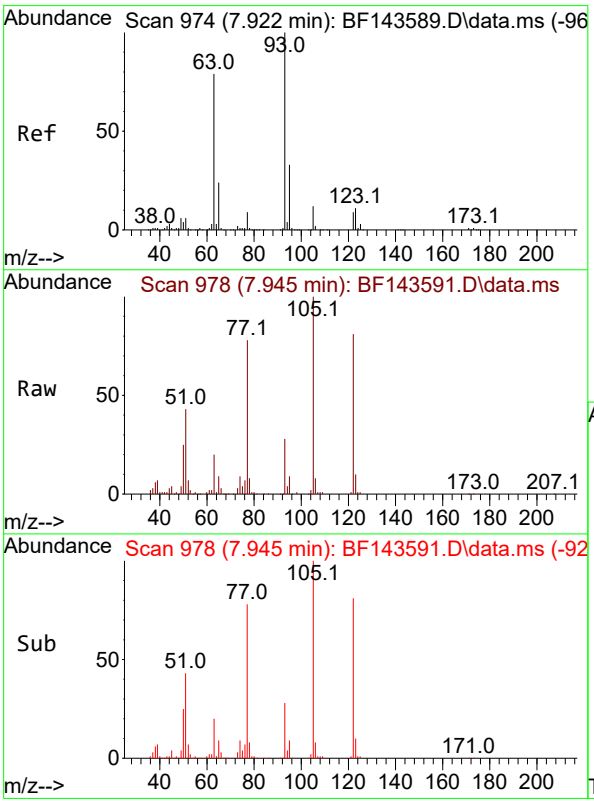
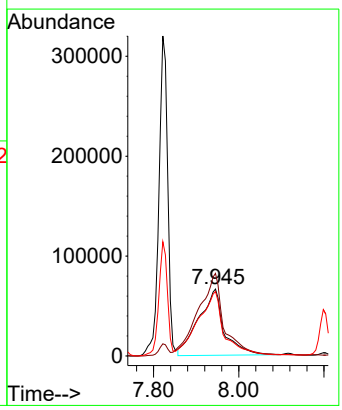
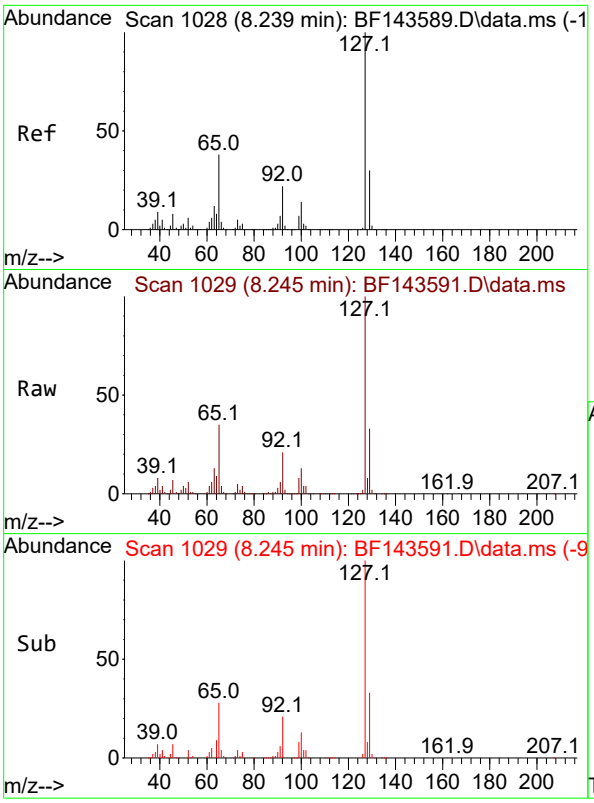


#32
Benzoic acid
Concen: 64.060 ng
RT: 7.945 min Scan# 978
Delta R.T. 0.023 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:122 Resp: 274628

Ion	Ratio	Lower	Upper
122	100		
105	123.5	106.4	146.4
77	96.3	79.3	119.3

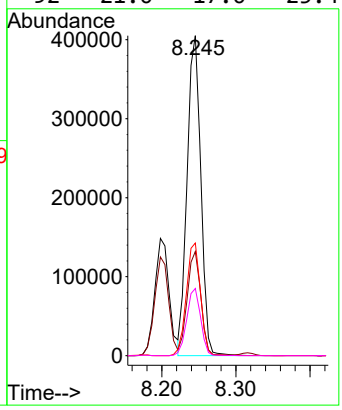




#33
4-Chloroaniline
Concen: 57.369 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:127 Resp: 52142

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.6
65	35.2	29.7	44.5
92	21.0	17.0	25.4



Instrument :
BNA_F
ClientSampleId :
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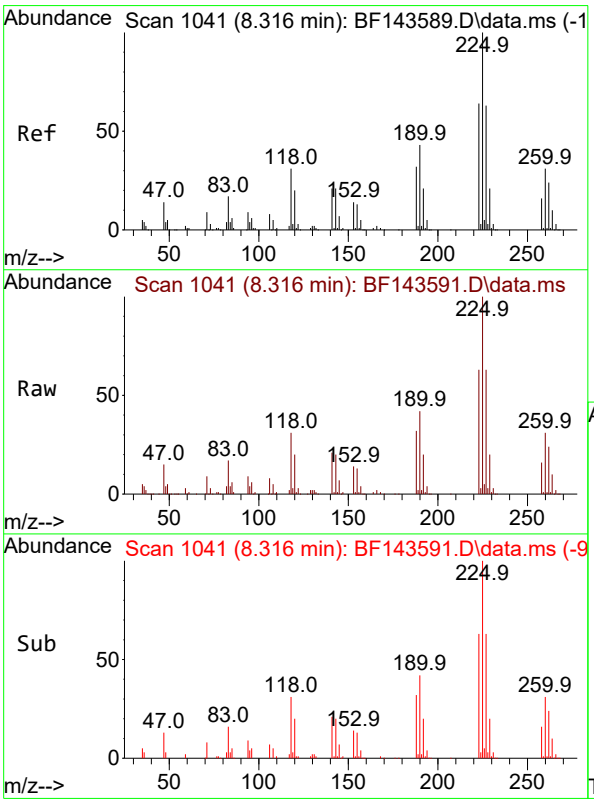
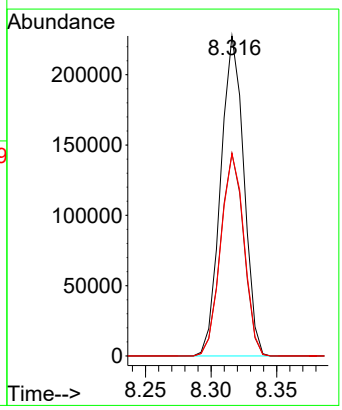
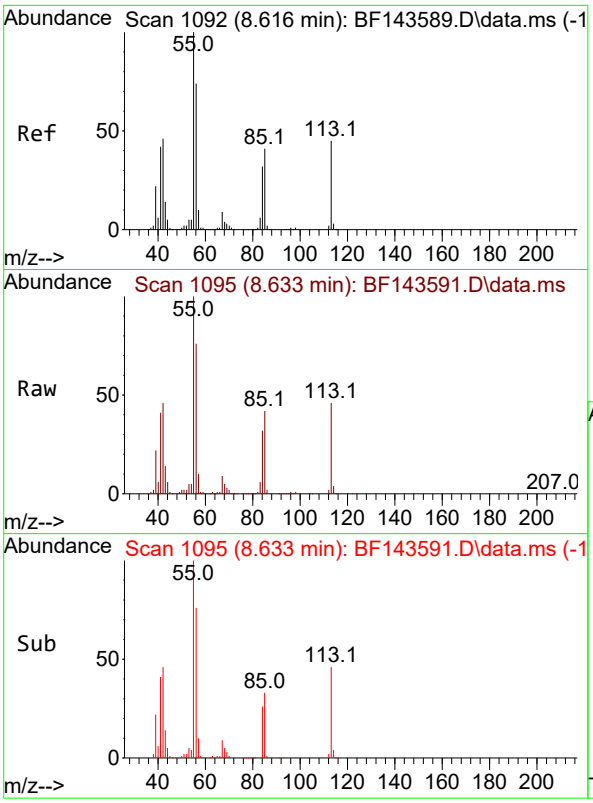


#34
Hexachlorobutadiene
Concen: 57.977 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:225 Resp: 279068

Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.8	76.2
227	63.2	50.6	76.0

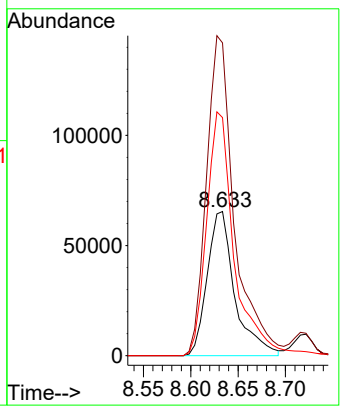




#35
Caprolactam
Concen: 63.950 ng
RT: 8.633 min Scan# 1
Delta R.T. 0.018 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:113 Resp: 13292

Ion	Ratio	Lower	Upper
113	100		
55	216.9	202.1	242.1
56	165.0	145.4	185.4



Instrument :
BNA_F
ClientSampleId :
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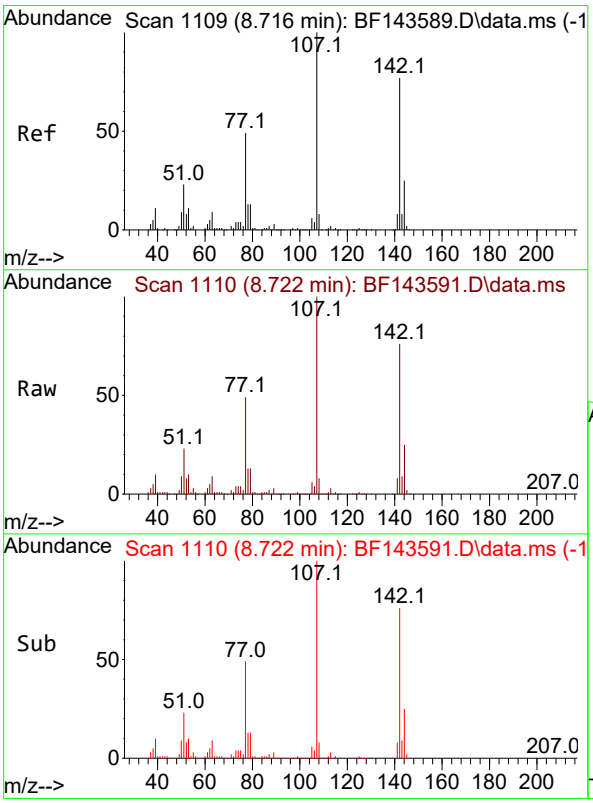
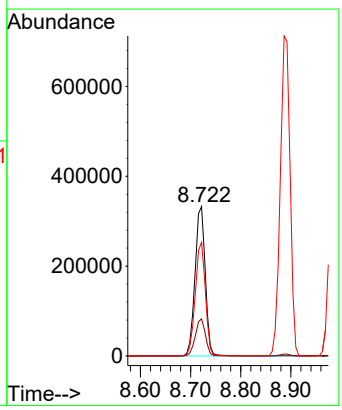
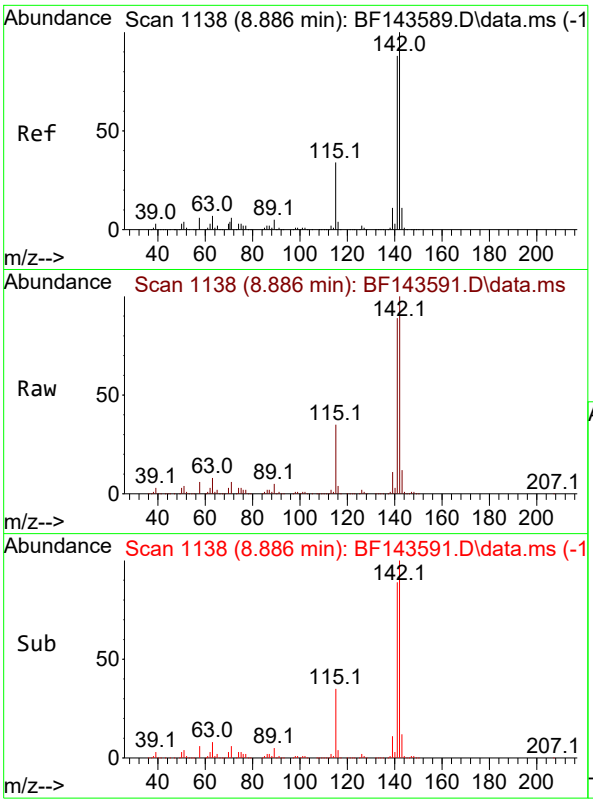


#36
4-Chloro-3-methylphenol
Concen: 61.802 ng
RT: 8.722 min Scan# 1110
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:107 Resp: 472718

Ion	Ratio	Lower	Upper
107	100		
144	24.9	19.8	29.6
142	76.2	61.7	92.5





#37
2-Methylnaphthalene
Concen: 56.871 ng
RT: 8.886 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:142 Resp: 96624

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.2	105.4

Instrument :
BNA_F
ClientSampleId :
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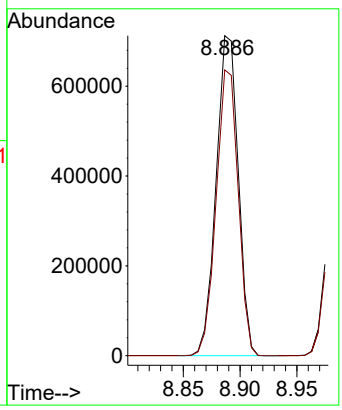
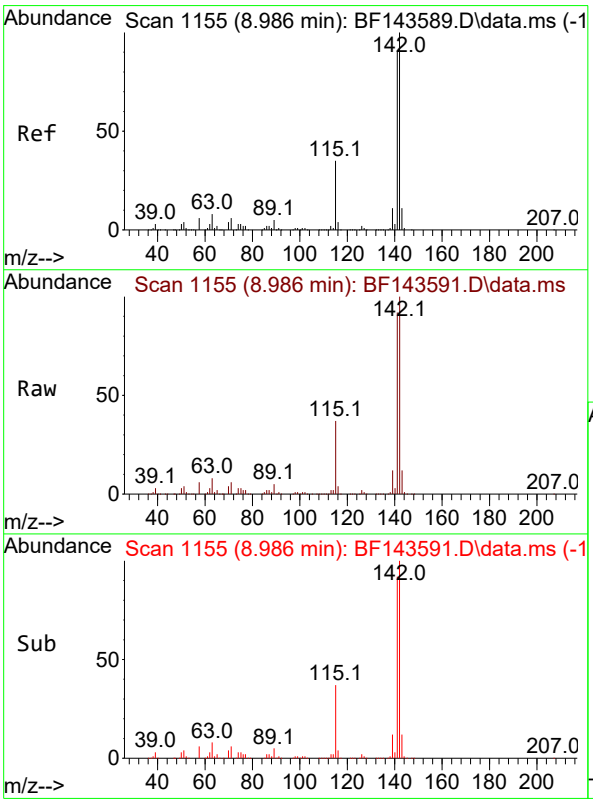
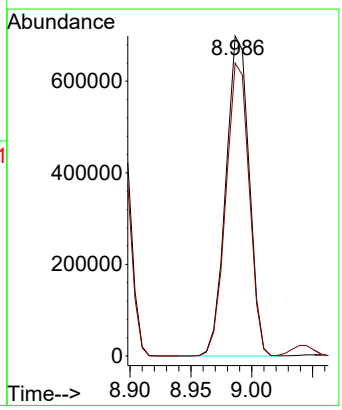


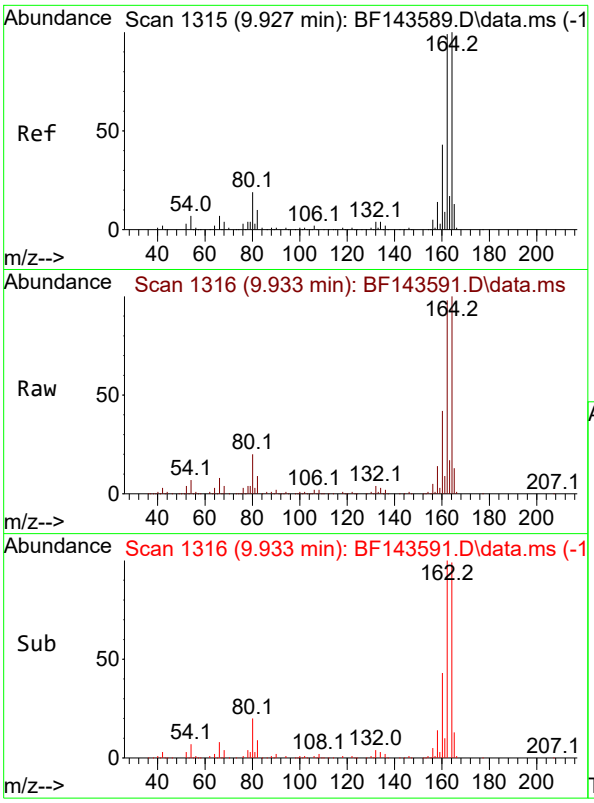


#38
1-Methylnaphthalene
Concen: 56.776 ng
RT: 8.986 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:142 Resp: 930962

Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.6	109.0

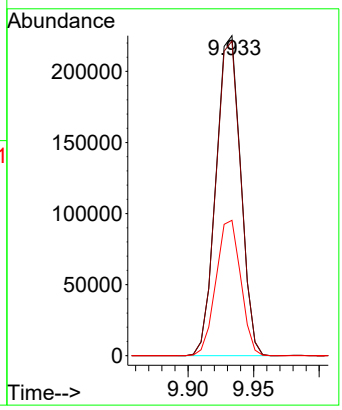




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:164 Resp: 29507

Ion	Ratio	Lower	Upper
164	100		
162	98.3	79.5	119.3
160	42.3	34.2	51.4



Instrument :
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ClientSampleId :
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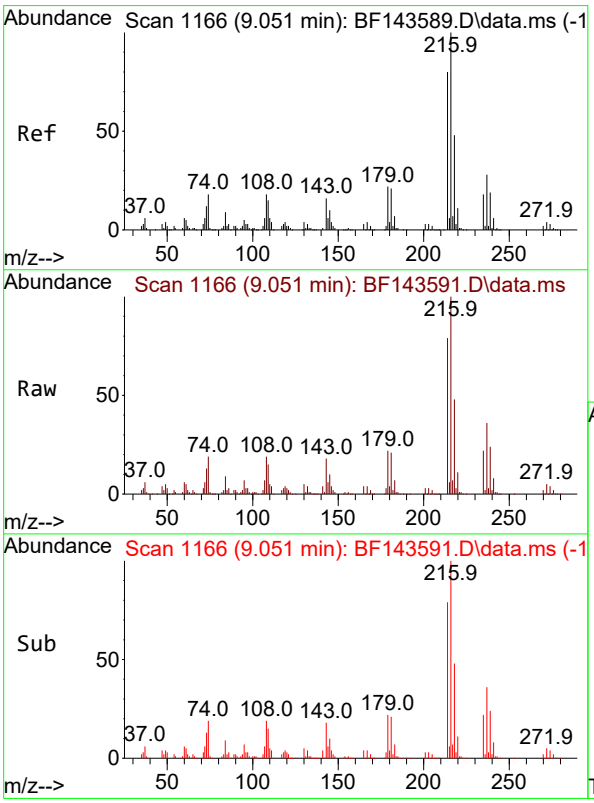
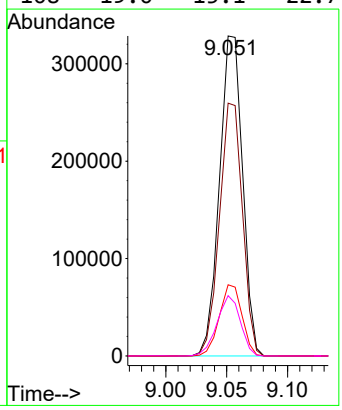
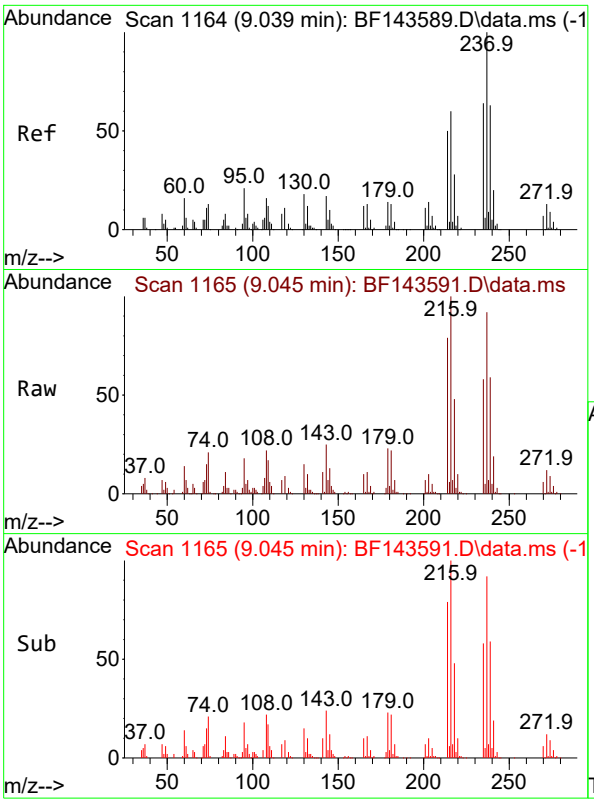


#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.661 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:216 Resp: 434888

Ion	Ratio	Lower	Upper
216	100		
214	78.5	64.1	96.1
179	21.8	17.4	26.0
108	19.0	15.1	22.7

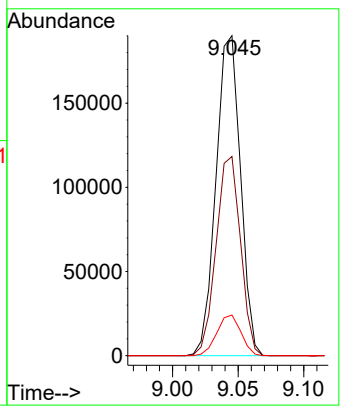




#41
Hexachlorocyclopentadiene
Concen: 65.387 ng
RT: 9.045 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:237 Resp: 24688

Ion	Ratio	Lower	Upper
237	100		
235	62.2	43.8	83.8
272	12.7	0.0	32.8



Instrument :
BNA_F
ClientSampleId :
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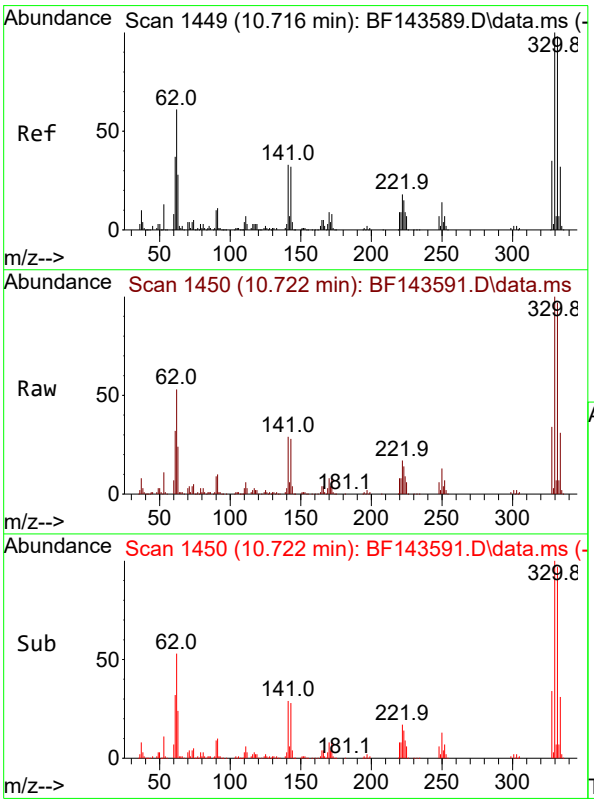
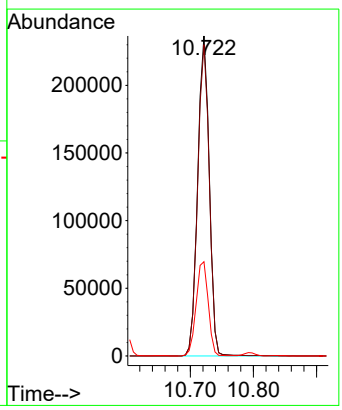
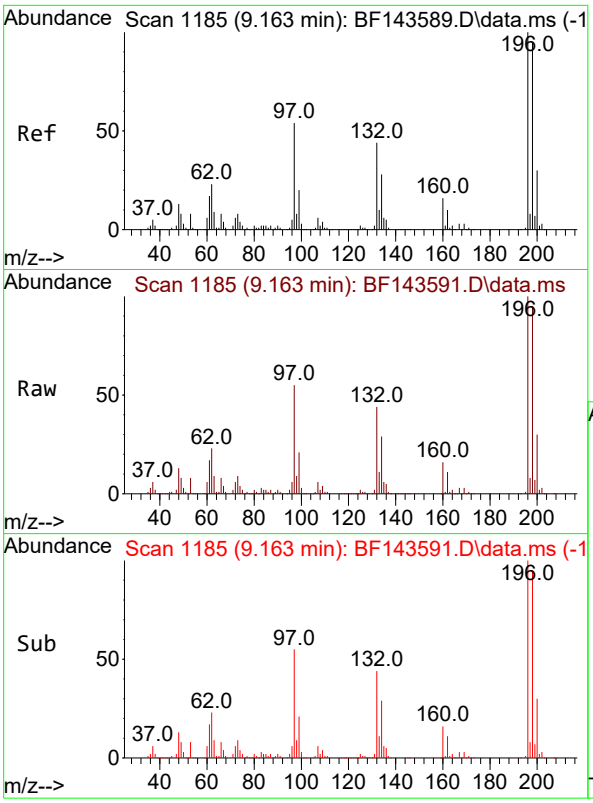


#42
2,4,6-Tribromophenol
Concen: 130.476 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:330 Resp: 301082

Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.2	117.4
141	30.8	25.4	38.0

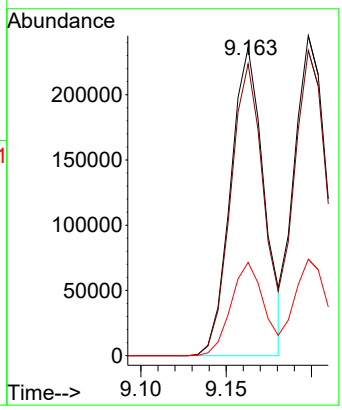




#43
2,4,6-Trichlorophenol
Concen: 63.482 ng
RT: 9.163 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:196 Resp: 32196

Ion	Ratio	Lower	Upper
196	100		
198	94.7	75.8	113.6
200	30.3	24.2	36.4



Instrument :
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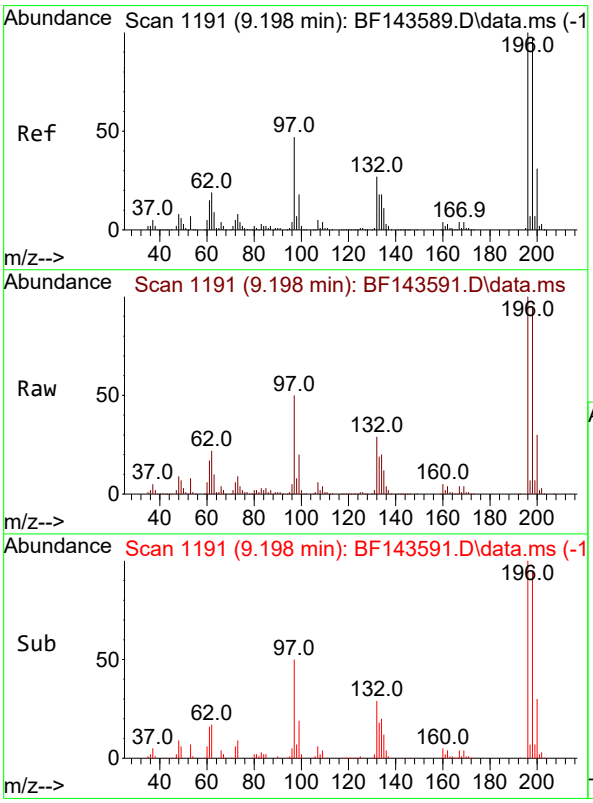
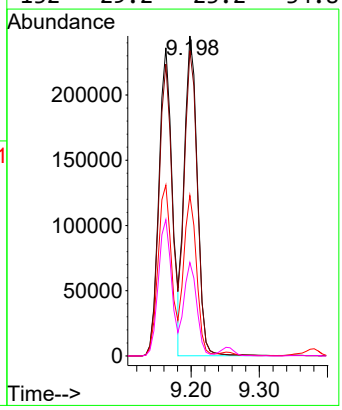
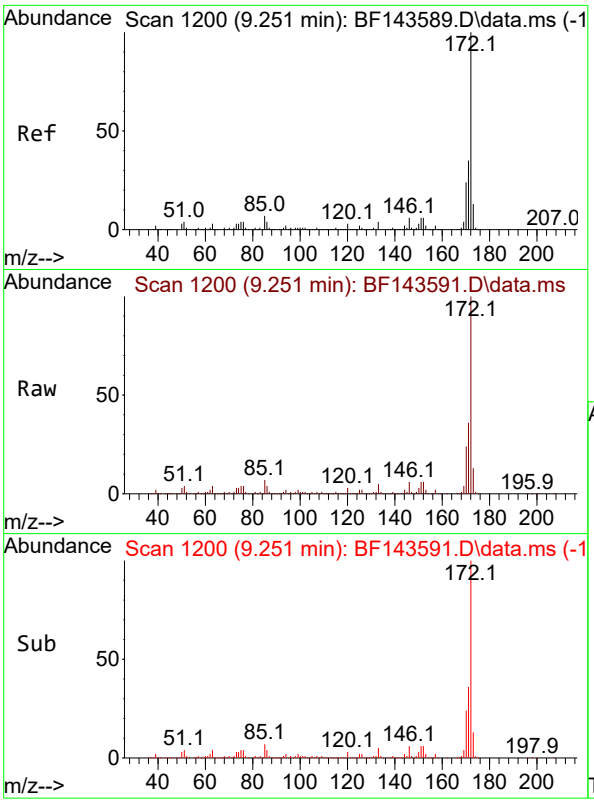


#44
2,4,5-Trichlorophenol
Concen: 63.486 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:196 Resp: 325359

Ion	Ratio	Lower	Upper
196	100		
198	95.4	77.0	115.6
97	50.1	39.3	58.9
132	29.2	23.2	34.8

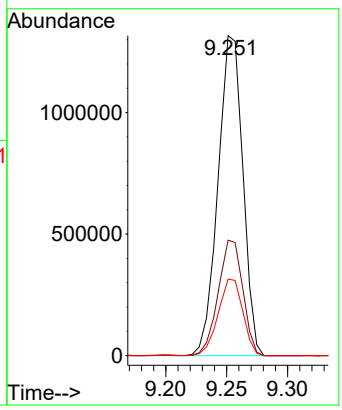




#45
2-Fluorobiphenyl
Concen: 108.326 ng
RT: 9.251 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:172 Resp: 186954

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.3	42.5
170	23.9	19.0	28.4



Instrument :
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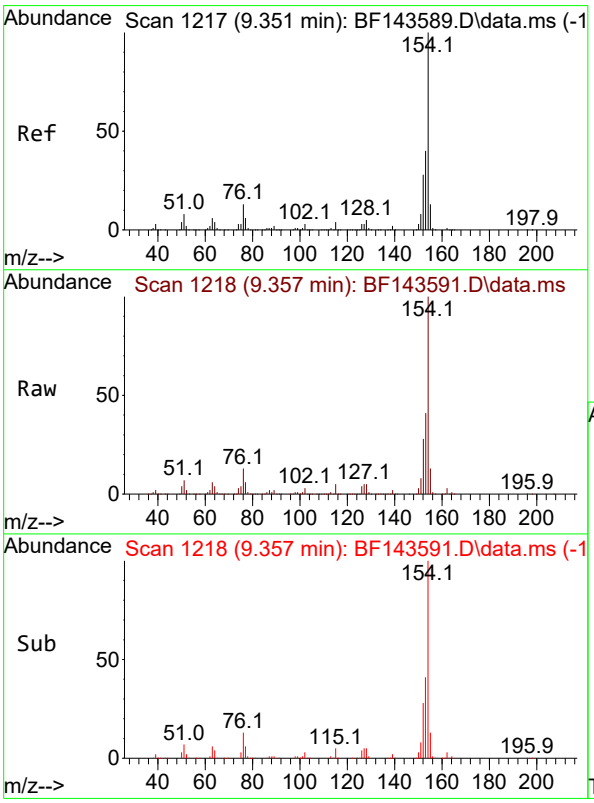
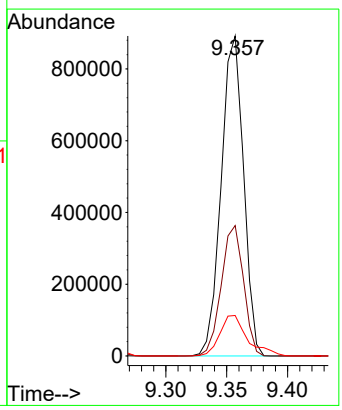
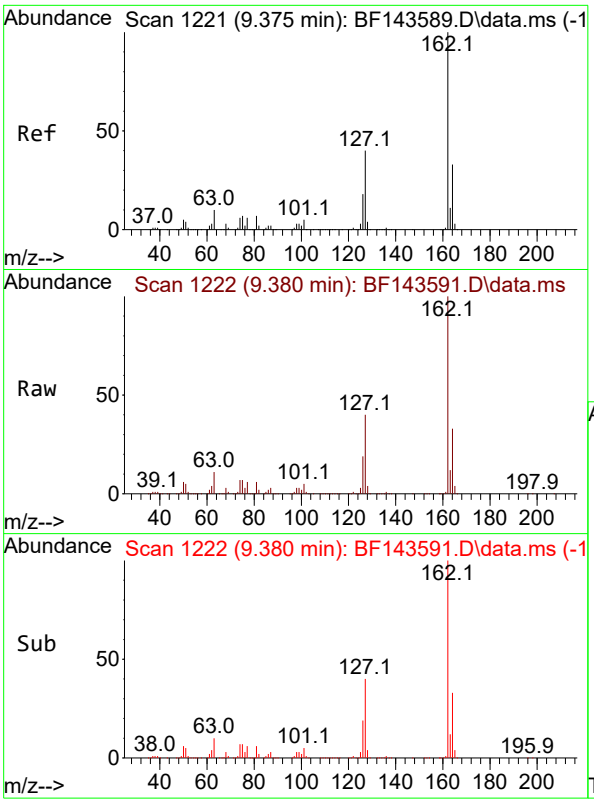


#46
1,1'-Biphenyl
Concen: 55.656 ng
RT: 9.357 min Scan# 1218
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:154 Resp: 1139538

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.1	60.1
76	12.7	0.0	33.0

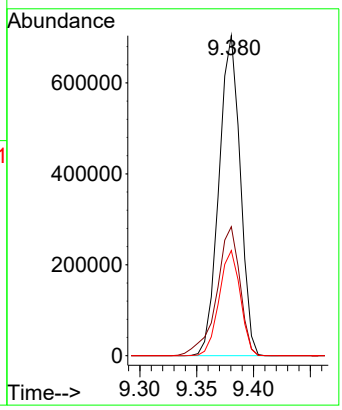




#47
2-Chloronaphthalene
Concen: 56.708 ng
RT: 9.380 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:162 Resp: 91719

Ion	Ratio	Lower	Upper
162	100		
127	40.3	32.6	48.8
164	32.9	26.1	39.1



Instrument :
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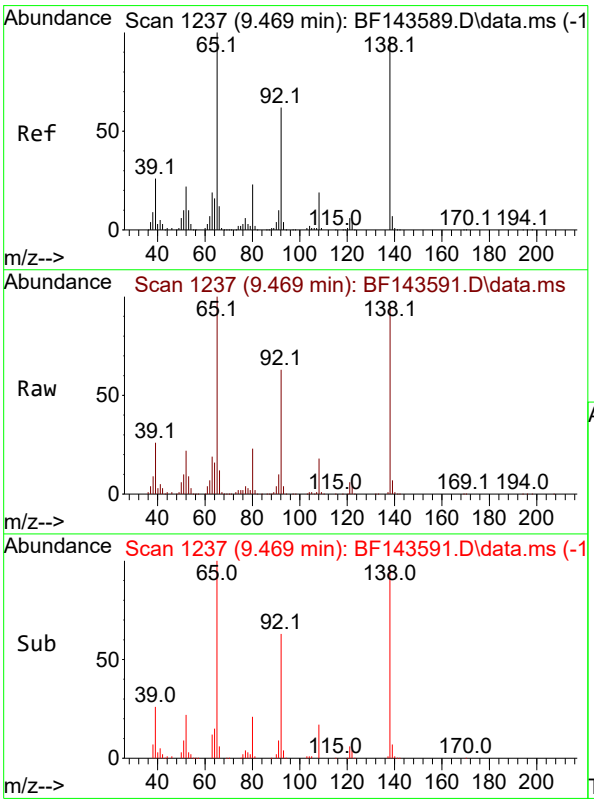
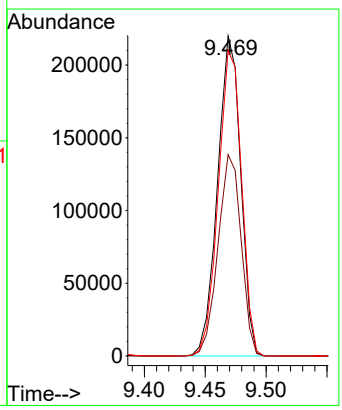
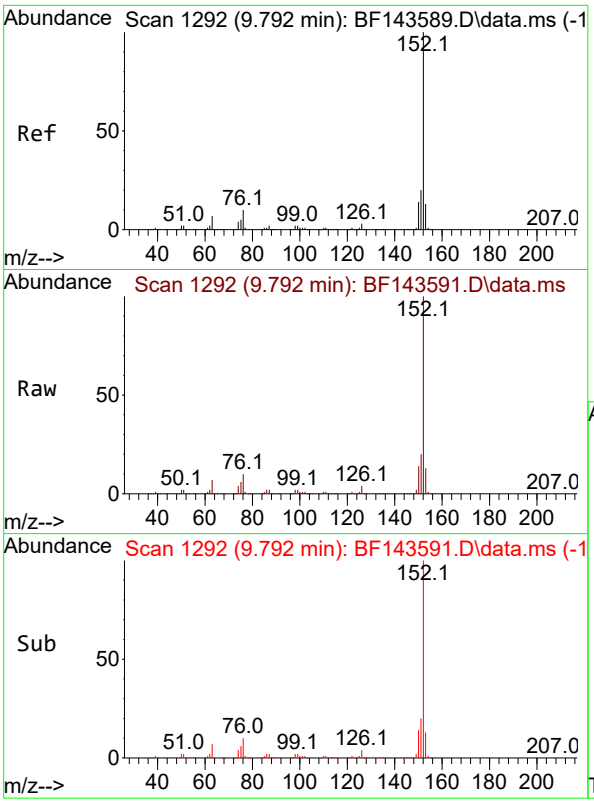


#48
2-Nitroaniline
Concen: 63.110 ng
RT: 9.469 min Scan# 1237
Delta R.T. -0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion: 65 Resp: 290200

Ion	Ratio	Lower	Upper
65	100		
92	62.9	49.6	74.4
138	95.5	78.6	118.0

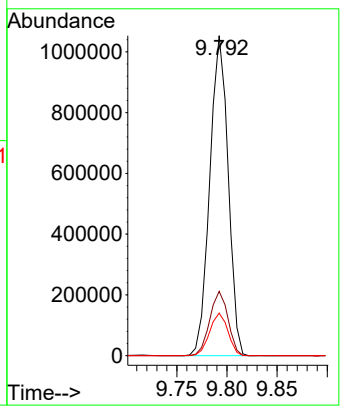




#49
Acenaphthylene
Concen: 56.840 ng
RT: 9.792 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:152 Resp: 133758

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.3	10.6	15.8



Instrument :
BNA_F
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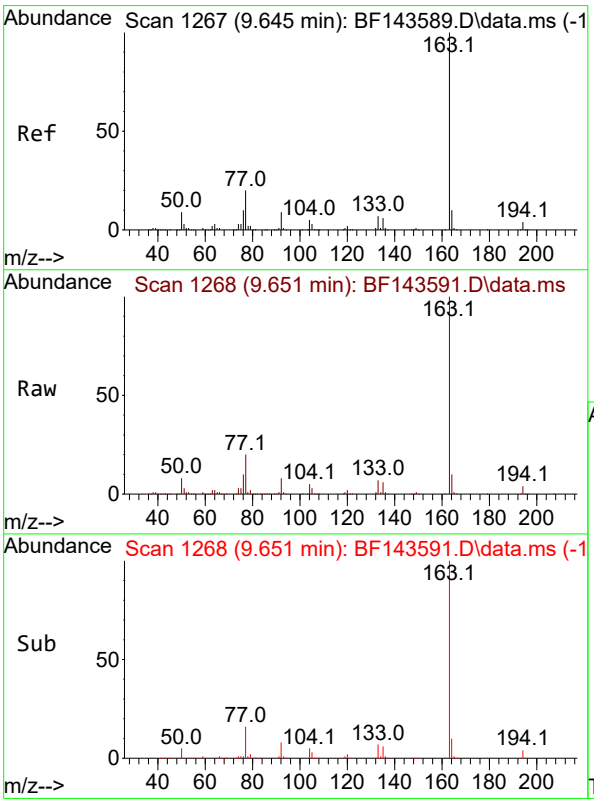
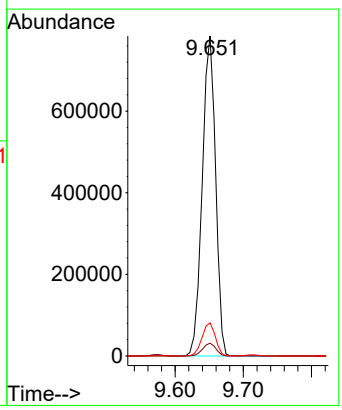
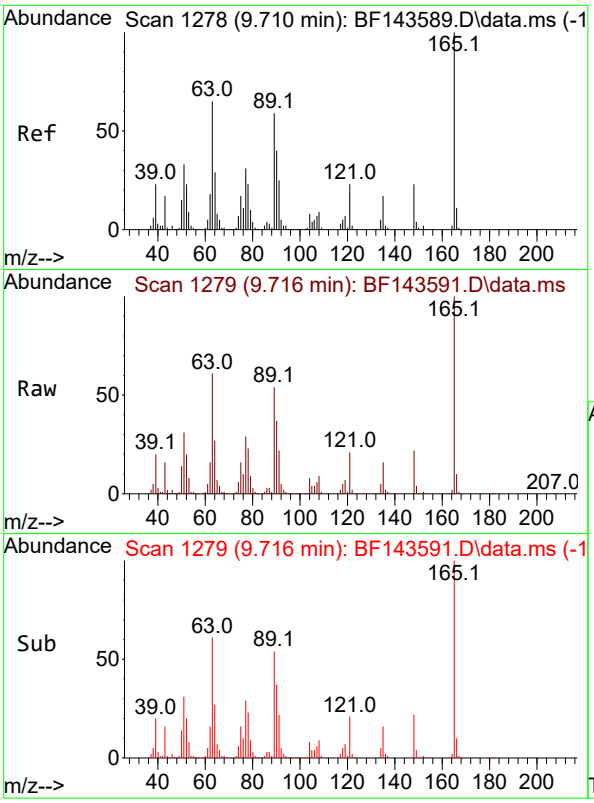


#50
Dimethylphthalate
Concen: 58.716 ng
RT: 9.651 min Scan# 1268
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:163 Resp: 1065705

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.3	8.4	12.6





#51
2,6-Dinitrotoluene
Concen: 63.848 ng
RT: 9.716 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:165 Resp: 19998

Ion	Ratio	Lower	Upper
165	100		
63	60.6	51.8	77.6
89	53.9	47.4	71.2

Instrument :
BNA_F
ClientSampleId :
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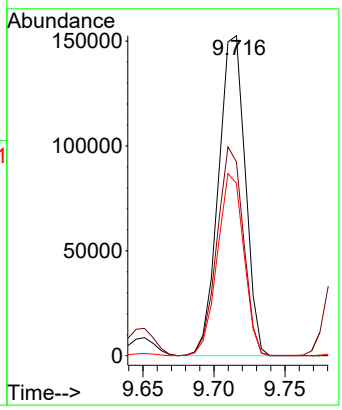
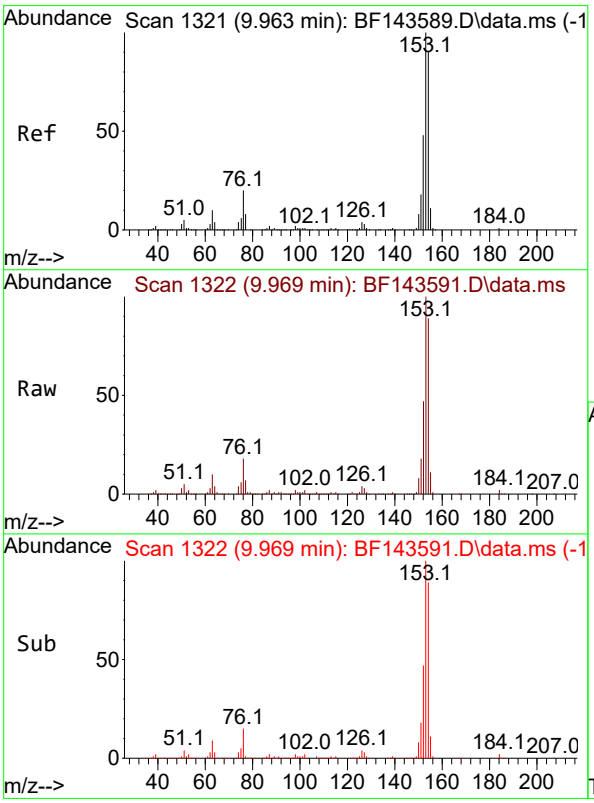
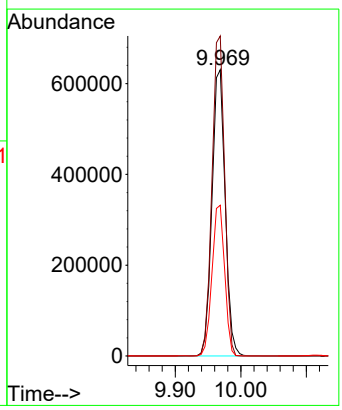


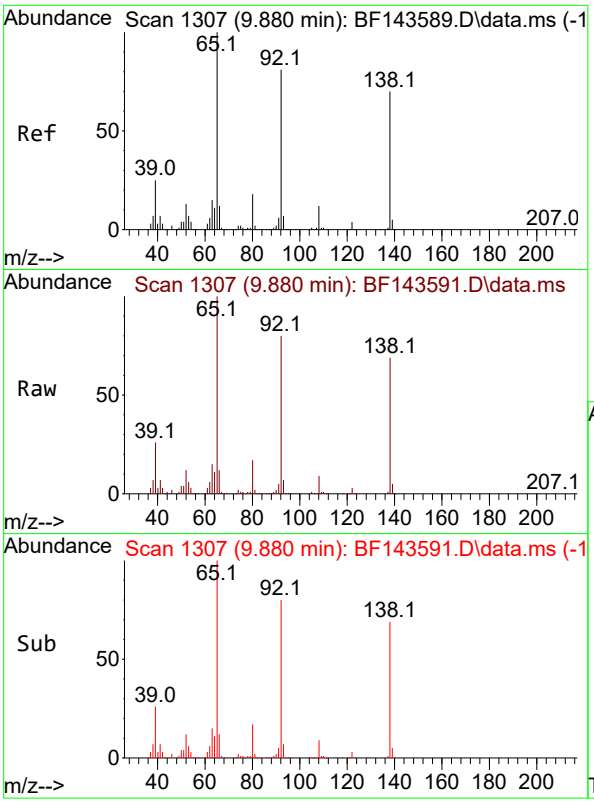


#52
Acenaphthene
Concen: 56.955 ng
RT: 9.969 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:154 Resp: 877939

Ion	Ratio	Lower	Upper
154	100		
153	111.8	89.0	133.4
152	52.6	42.9	64.3

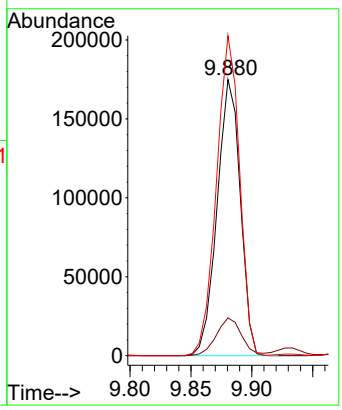




#53
3-Nitroaniline
Concen: 62.988 ng
RT: 9.880 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:138 Resp: 23173

Ion	Ratio	Lower	Upper
138	100		
108	13.7	13.8	20.8
92	115.9	92.6	139.0



Instrument :
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ClientSampleId :
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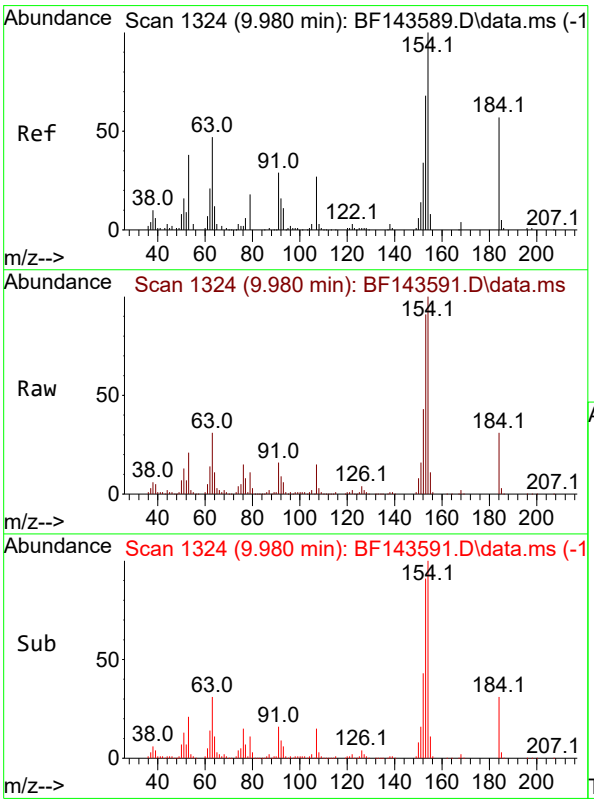
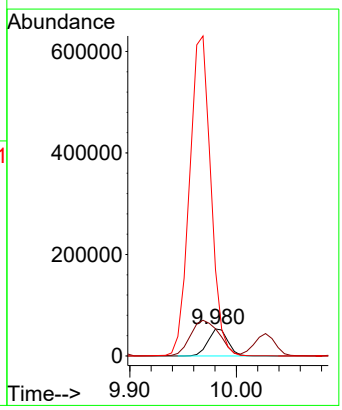
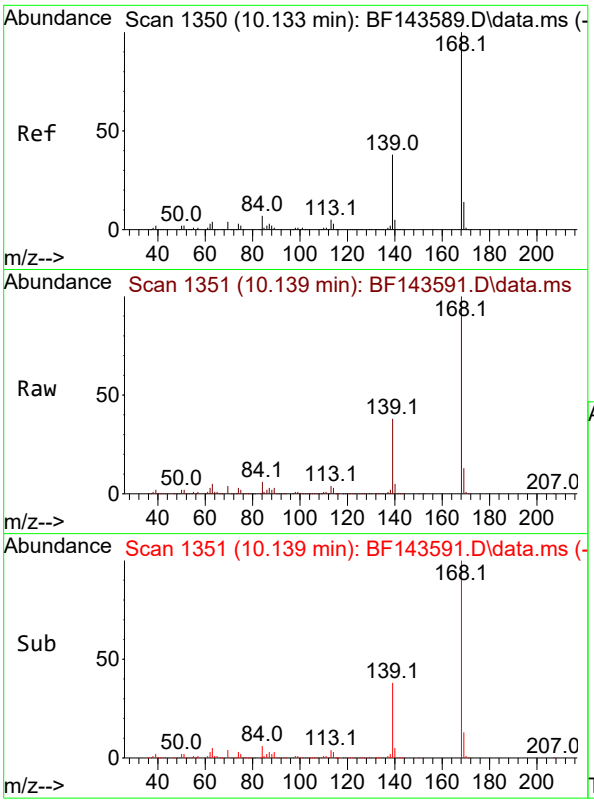


#54
2,4-Dinitrophenol
Concen: 63.601 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:184 Resp: 68520

Ion	Ratio	Lower	Upper
184	100		
63	100.3	80.9	121.3
154	319.5	262.0	393.0

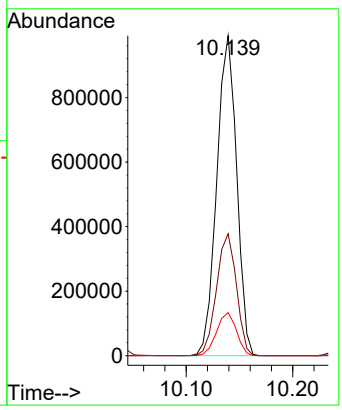




#55
Dibenzofuran
Concen: 56.837 ng
RT: 10.139 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:168 Resp: 128451

Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.6	46.0
169	13.4	10.9	16.3



Instrument :
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ClientSampleId :
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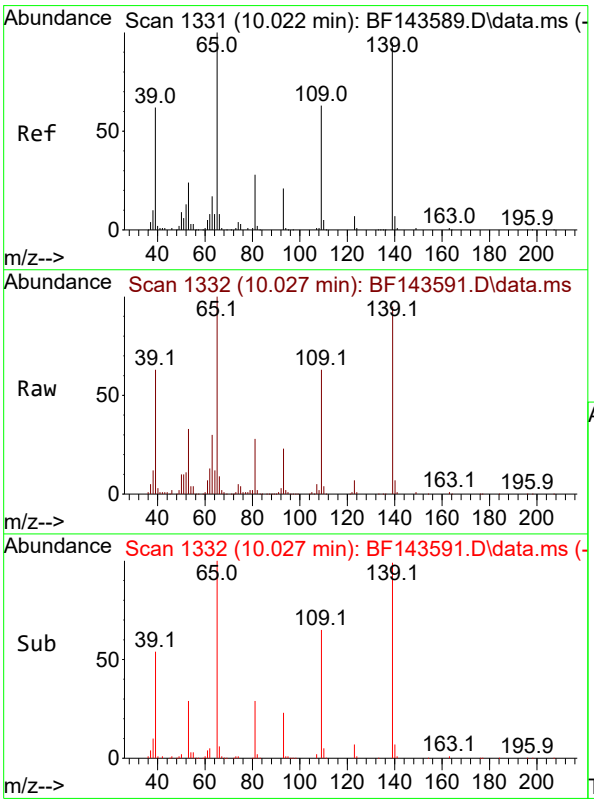
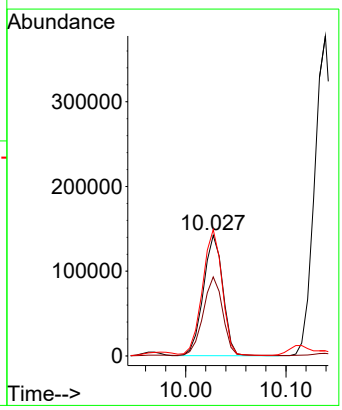
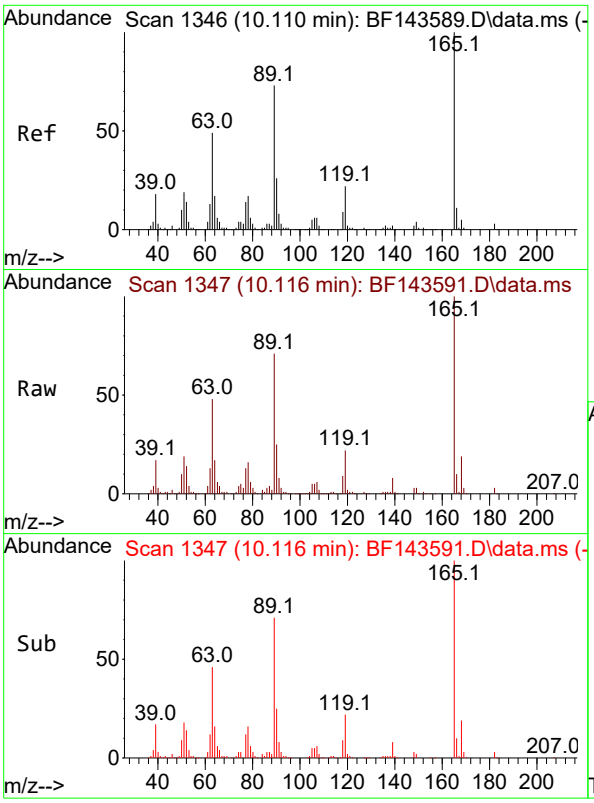


#56
4-Nitrophenol
Concen: 62.919 ng
RT: 10.027 min Scan# 1332
Delta R.T. 0.005 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:139 Resp: 192769

Ion	Ratio	Lower	Upper
139	100		
109	65.5	47.3	87.3
65	104.8	86.8	126.8

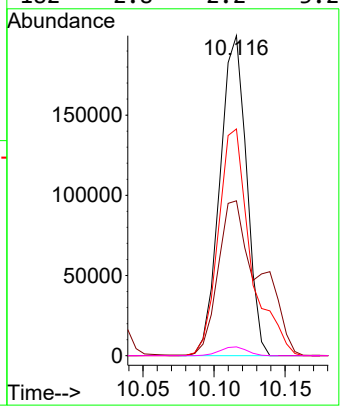




#57
2,4-Dinitrotoluene
Concen: 63.380 ng
RT: 10.116 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:165 Resp: 26064

Ion	Ratio	Lower	Upper
165	100		
63	48.4	39.5	59.3
89	70.8	58.1	87.1
182	2.8	2.2	3.2



Instrument :
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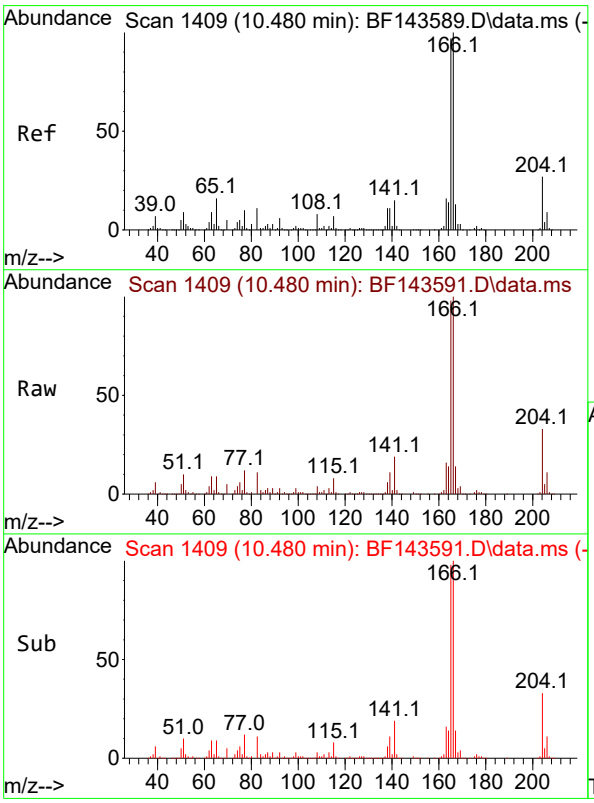
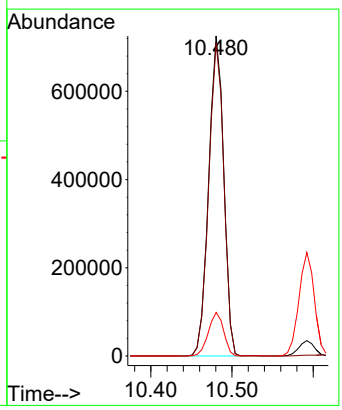
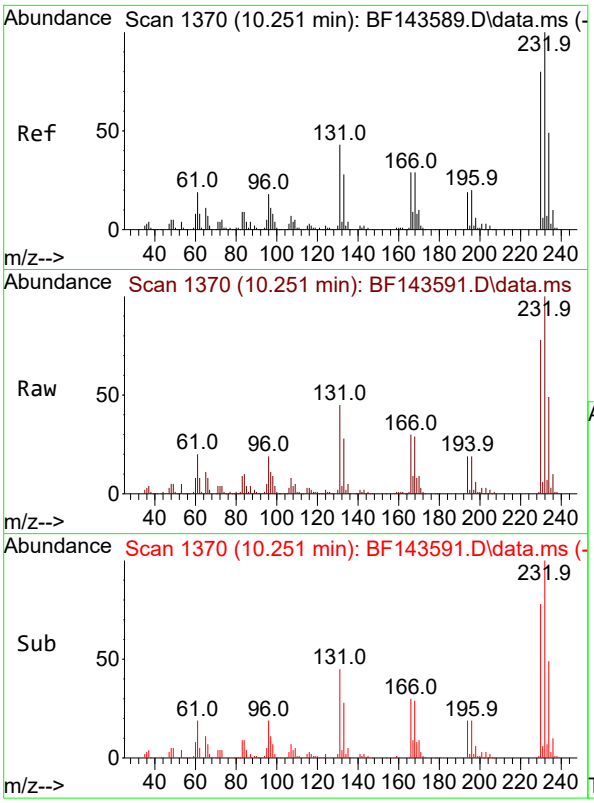


#58
Fluorene
Concen: 55.074 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:166 Resp: 934500

Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.7	116.5
167	13.6	10.6	15.8

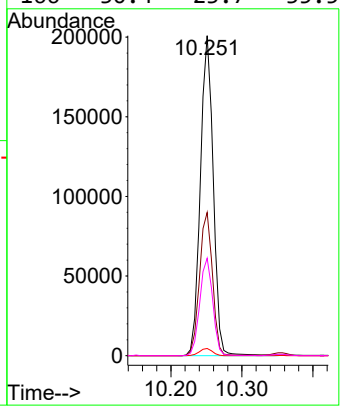




#59
2,3,4,6-Tetrachlorophenol
Concen: 67.114 ng
RT: 10.251 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:232 Resp: 25429

Ion	Ratio	Lower	Upper
232	100		
131	45.0	35.9	53.9
130	2.3	1.8	2.8
166	30.4	23.7	35.5



Instrument :
BNA_F
ClientSampleId :
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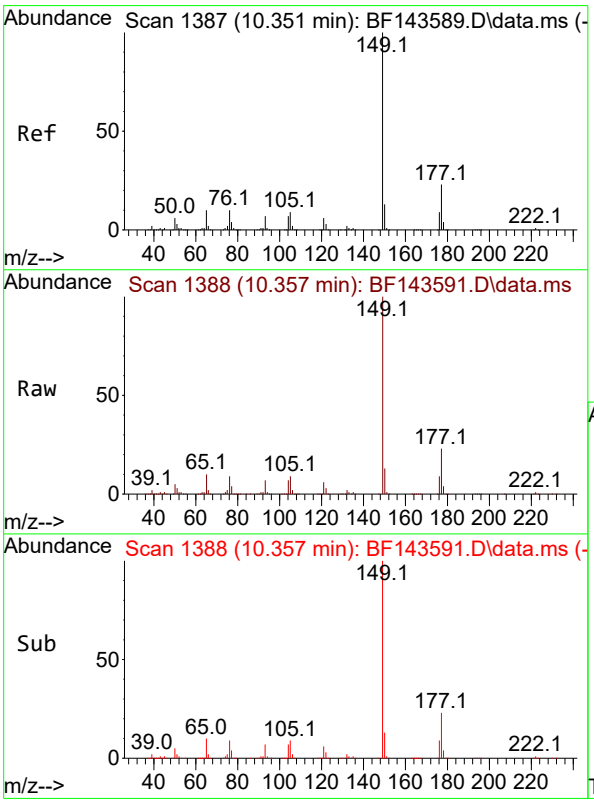
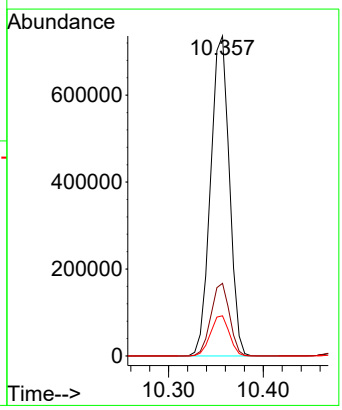
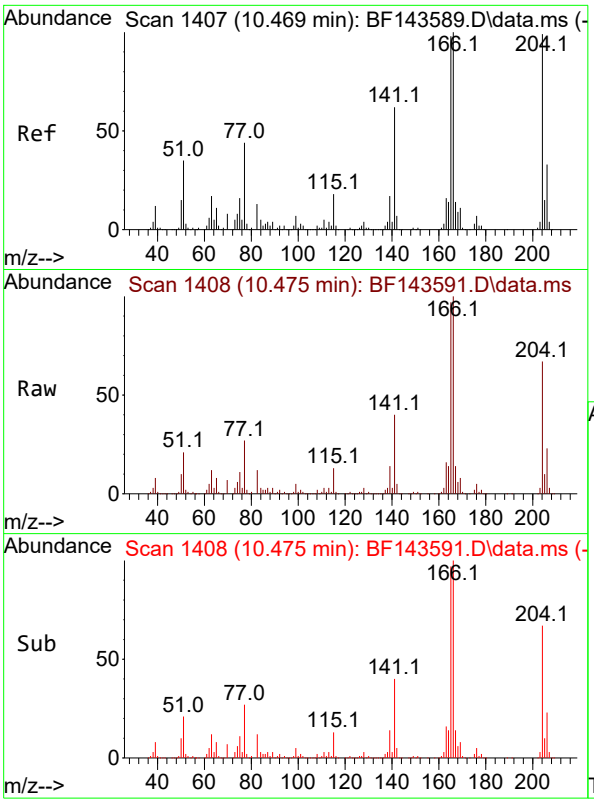


#60
Diethylphthalate
Concen: 59.694 ng
RT: 10.357 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:149 Resp: 1015342

Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.1	27.1
150	12.5	10.1	15.1

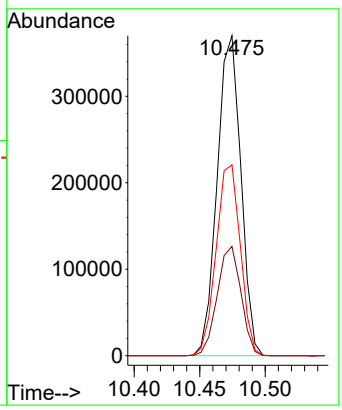




#61
4-Chlorophenyl-phenylether
Concen: 56.053 ng
RT: 10.475 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:204 Resp: 46515

Ion	Ratio	Lower	Upper
204	100		
206	34.1	27.0	40.6
141	59.7	50.2	75.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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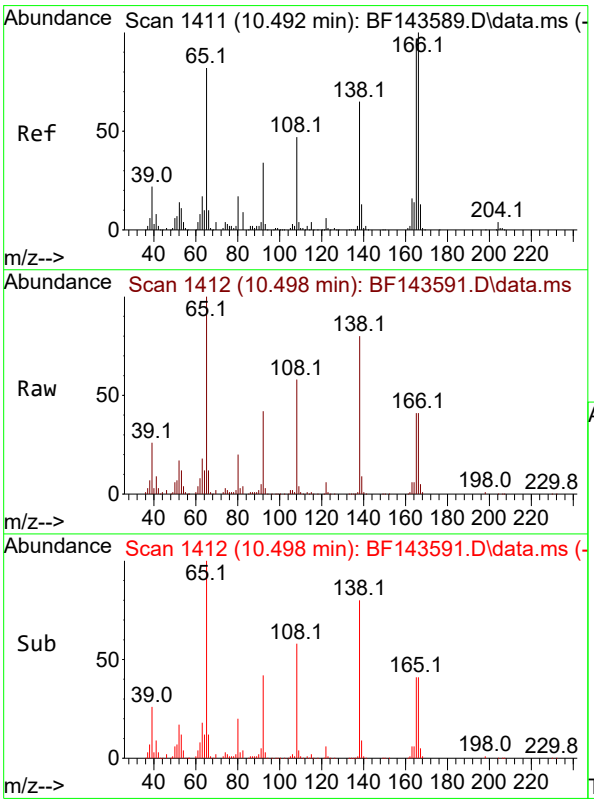
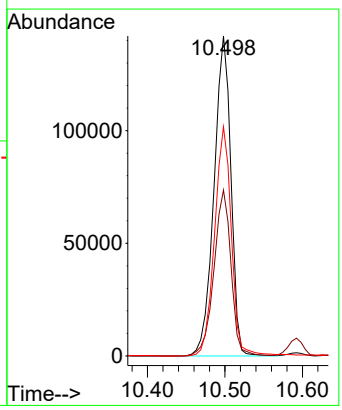
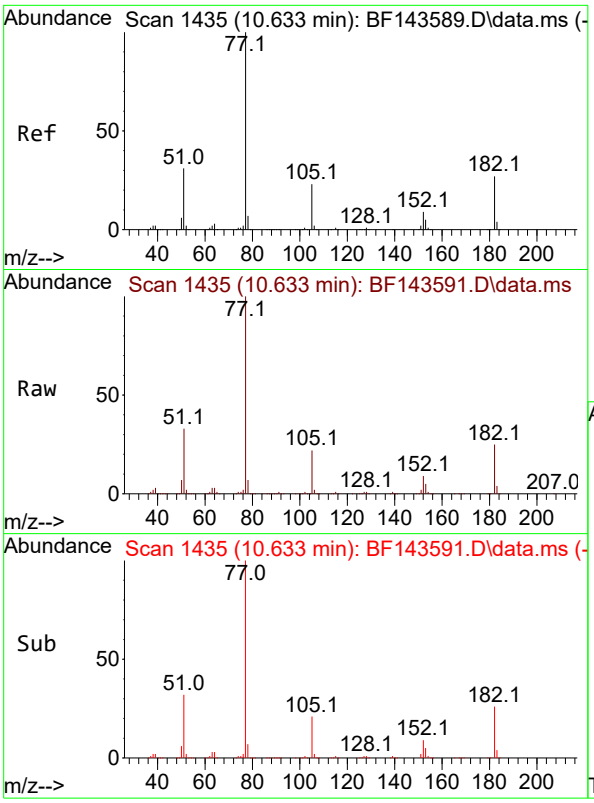


#62
4-Nitroaniline
Concen: 62.913 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:138 Resp: 216075

Ion	Ratio	Lower	Upper
138	100		
92	51.9	31.3	71.3
108	71.6	51.6	91.6

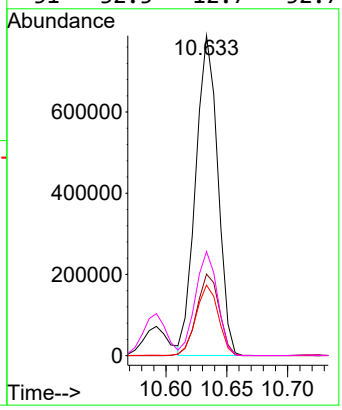




#63
Azobenzene
Concen: 57.788 ng
RT: 10.633 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion: 77 Resp: 99660

Ion	Ratio	Lower	Upper
77	100		
182	25.5	6.3	46.3
105	22.1	2.4	42.4
51	32.5	12.7	52.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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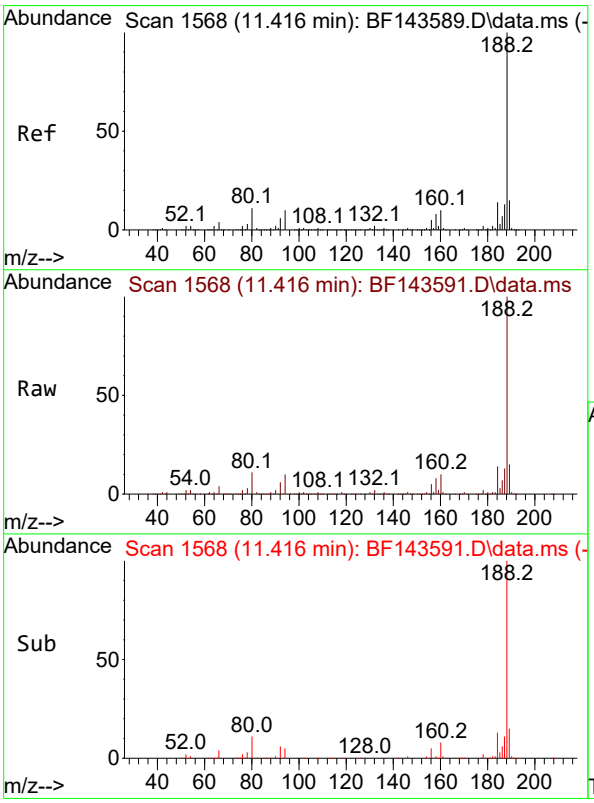
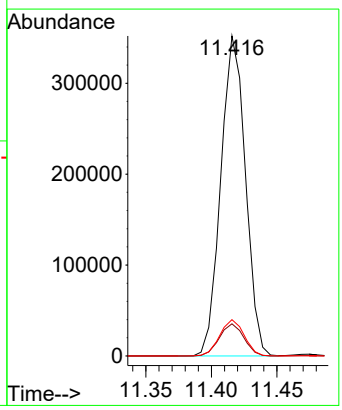
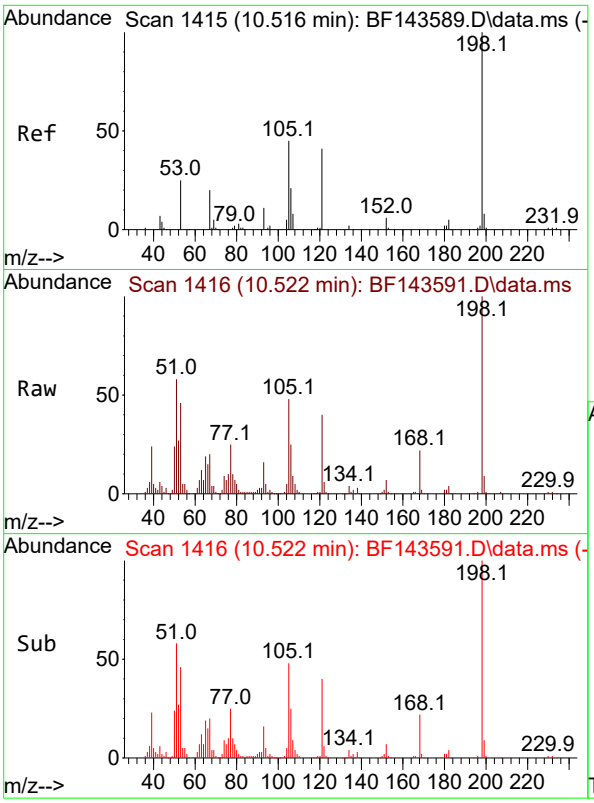


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:188 Resp: 460122

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.2	12.4
80	11.4	8.9	13.3

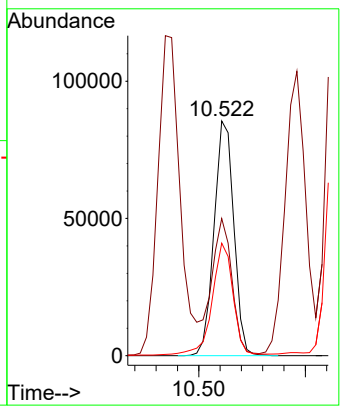




#65
4,6-Dinitro-2-methylphenol
Concen: 63.420 ng
RT: 10.522 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:198 Resp: 10974

Ion	Ratio	Lower	Upper
198	100		
51	58.4	41.5	81.5
105	47.9	28.2	68.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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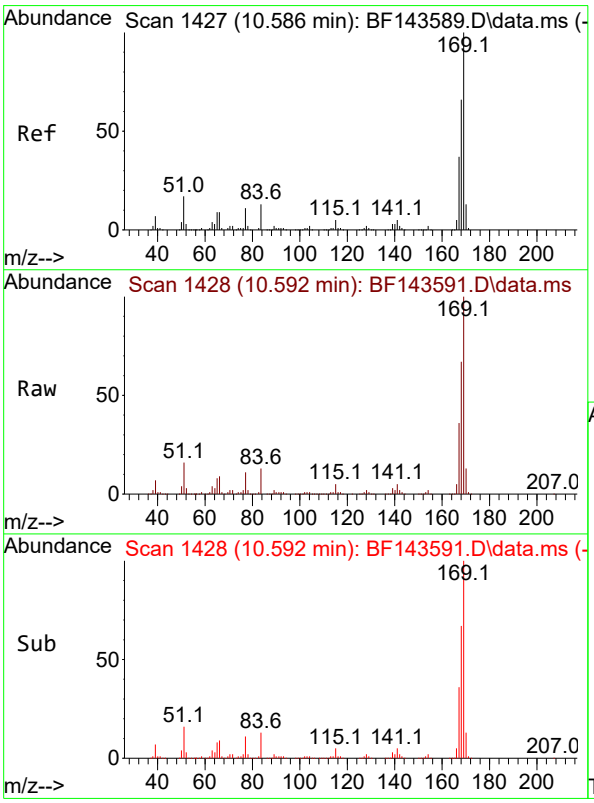
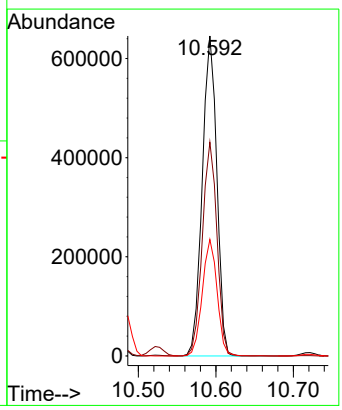
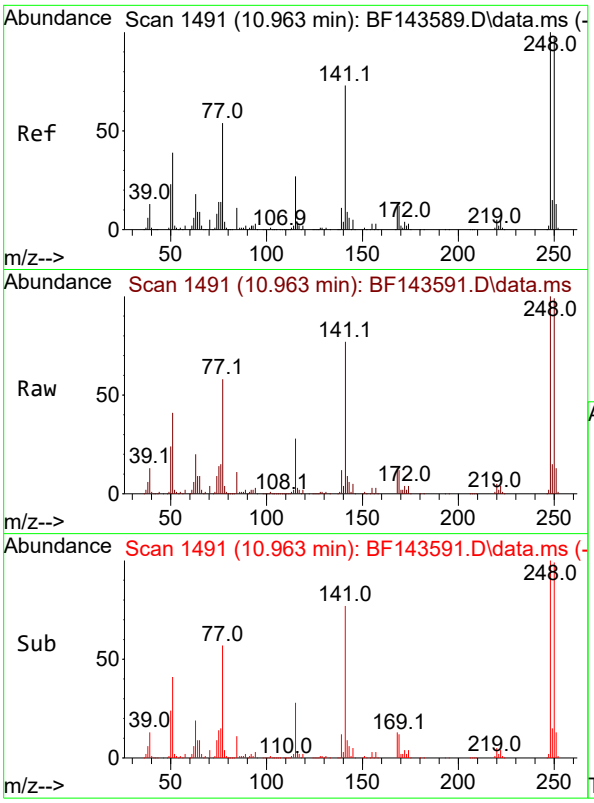


#66
n-Nitrosodiphenylamine
Concen: 57.558 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:169 Resp: 842397

Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.1	79.7
167	36.4	29.3	43.9





#67
4-Bromophenyl-phenylether
Concen: 58.603 ng
RT: 10.963 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 29166

Ion	Ratio	Lower	Upper
248	100		
250	98.8	77.8	116.6
141	77.4	58.5	87.7

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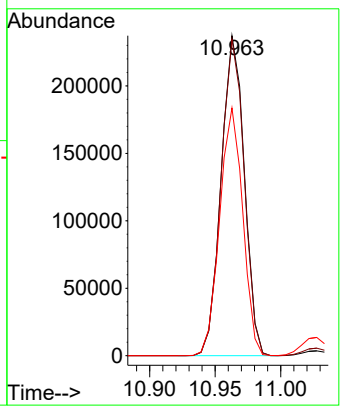
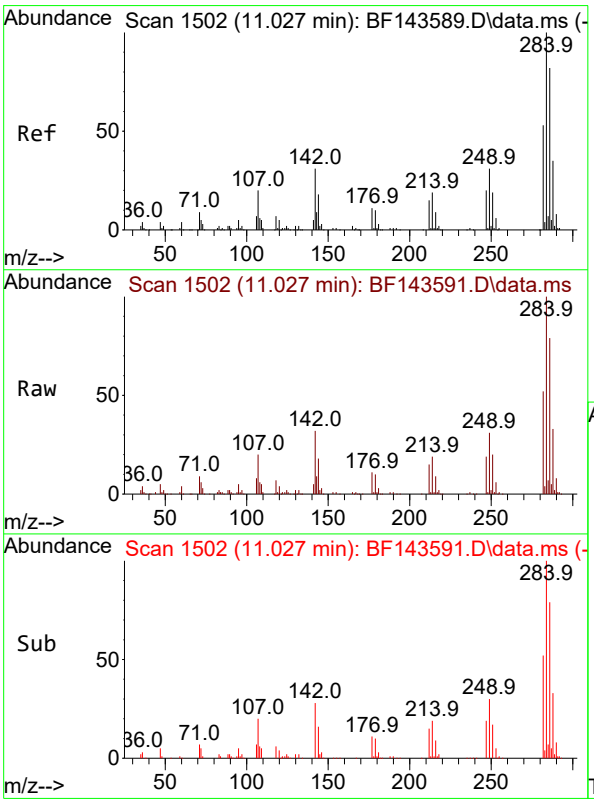
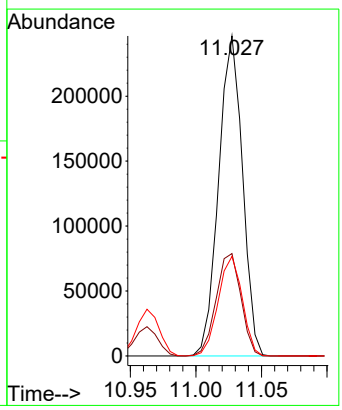


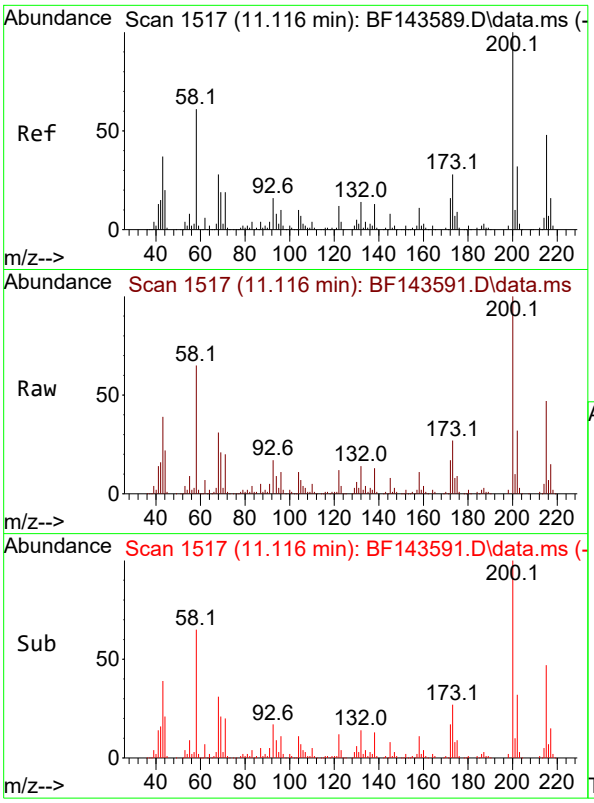


#68
Hexachlorobenzene
Concen: 58.492 ng
RT: 11.027 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:284 Resp: 311387

Ion	Ratio	Lower	Upper
284	100		
142	32.0	24.7	37.1
249	31.1	25.0	37.6

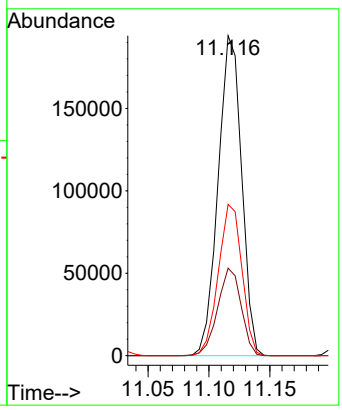




#69
Atrazine
Concen: 61.926 ng
RT: 11.116 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:200 Resp: 26052

Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.6	47.6
215	47.3	28.3	68.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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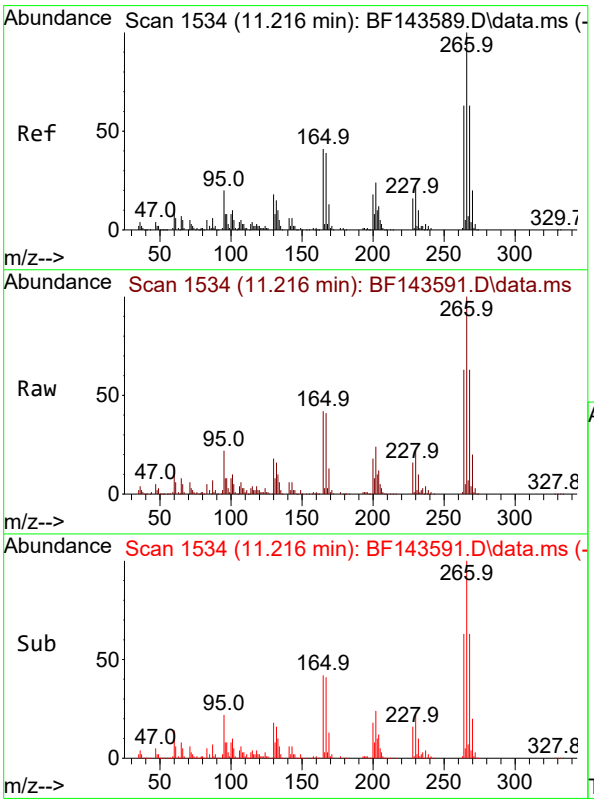
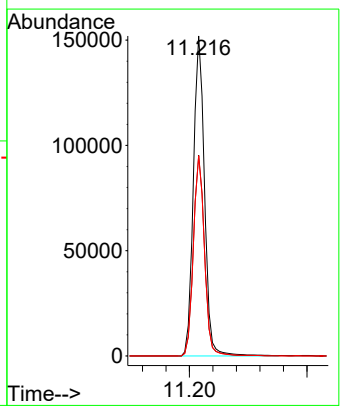
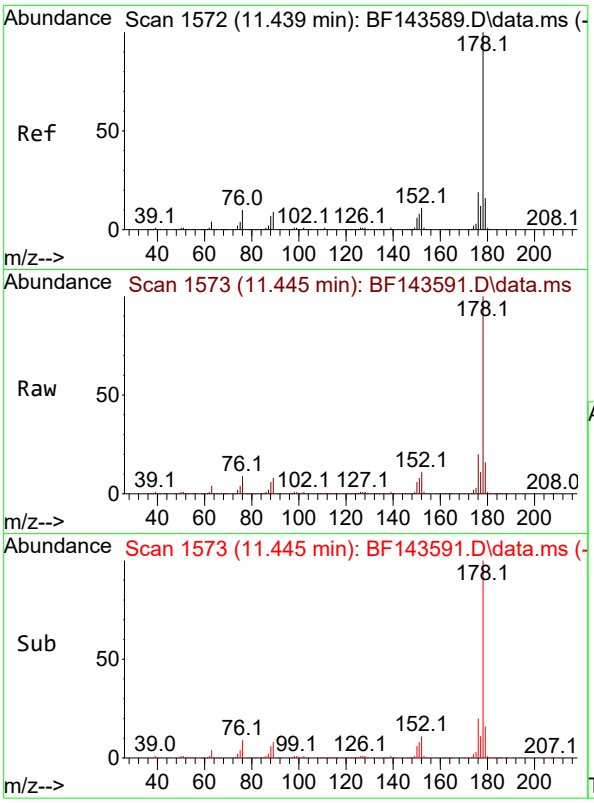


#70
Pentachlorophenol
Concen: 65.896 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:266 Resp: 200425

Ion	Ratio	Lower	Upper
266	100		
268	62.8	50.4	75.6
264	62.5	50.1	75.1

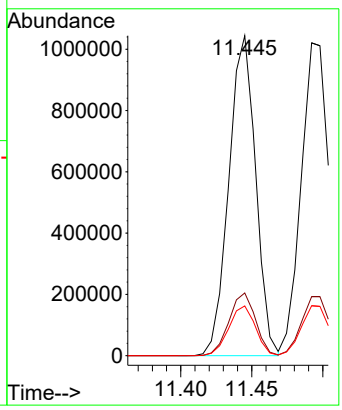




#71
Phenanthrene
Concen: 55.700 ng
RT: 11.445 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:178 Resp: 137221

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.6	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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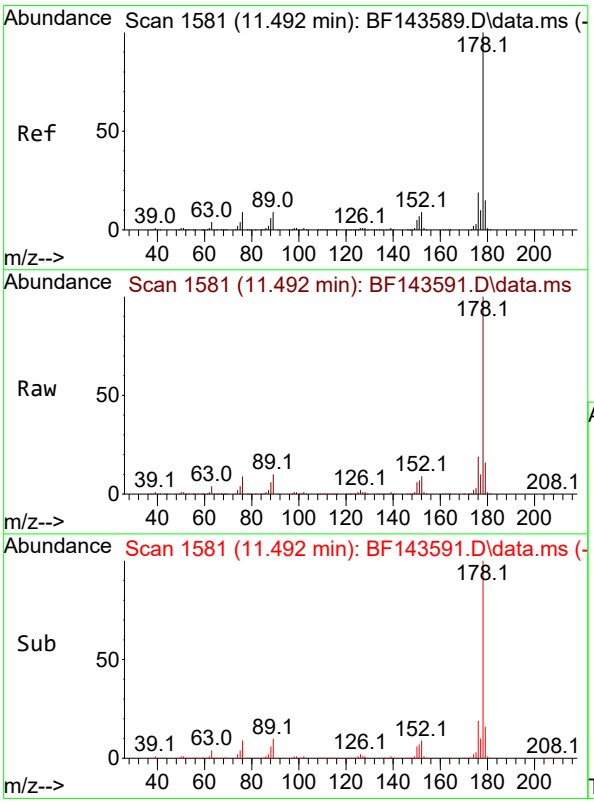
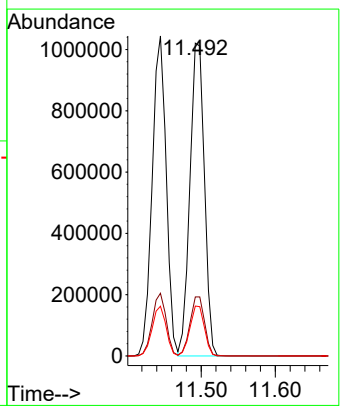
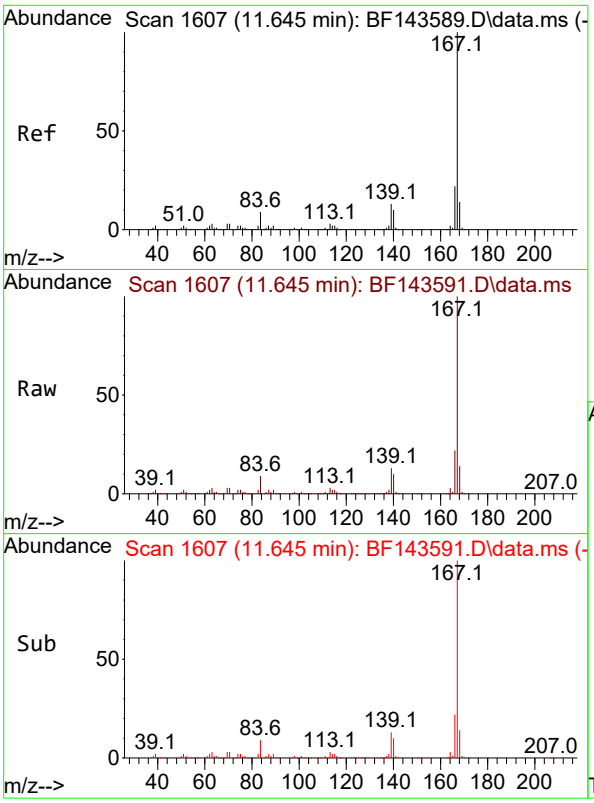


#72
Anthracene
Concen: 55.847 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:178 Resp: 1386506

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	16.0	12.4	18.6

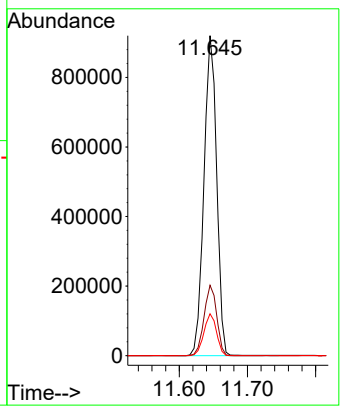




#73
Carbazole
Concen: 55.655 ng
RT: 11.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:167 Resp: 119438

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.3	25.9
139	13.1	10.4	15.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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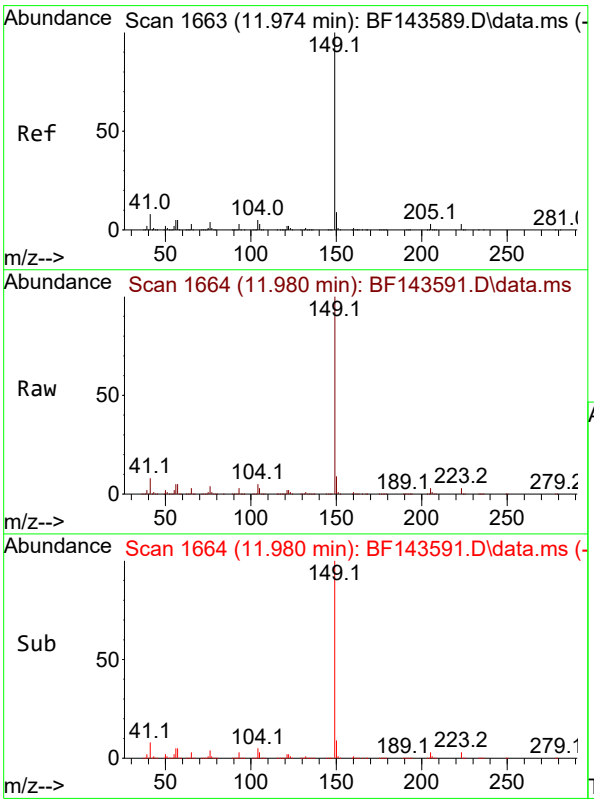
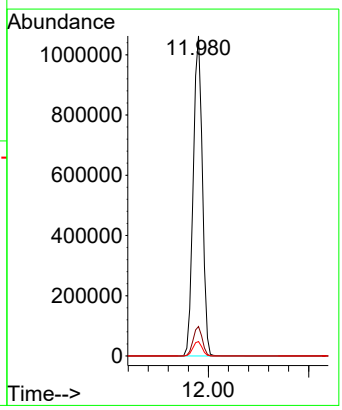
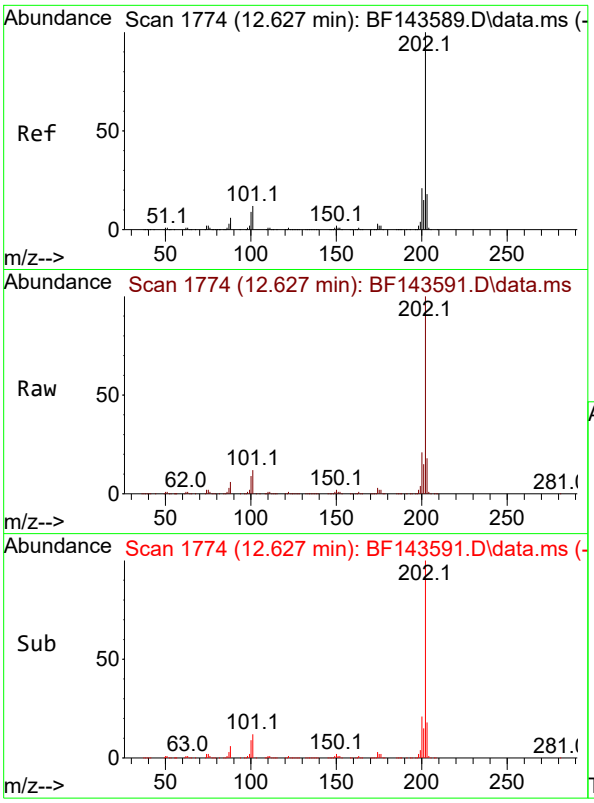


#74
Di-n-butylphthalate
Concen: 61.153 ng
RT: 11.980 min Scan# 1664
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:149 Resp: 1336721

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.5	3.6	5.4





#75
Fluoranthene
Concen: 55.282 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:202 Resp: 124351

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.3
203	17.6	0.0	37.5

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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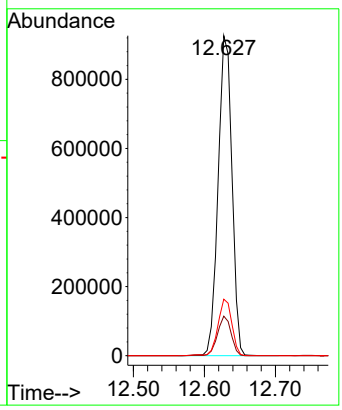
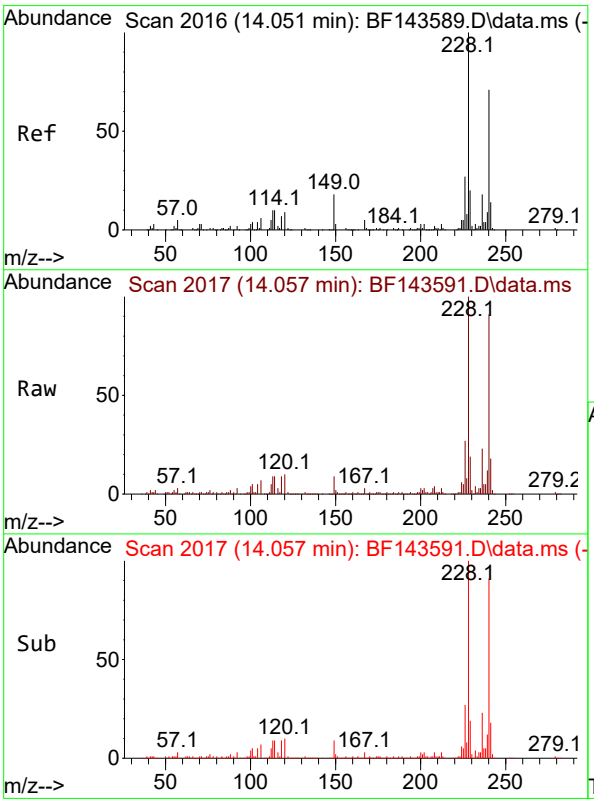
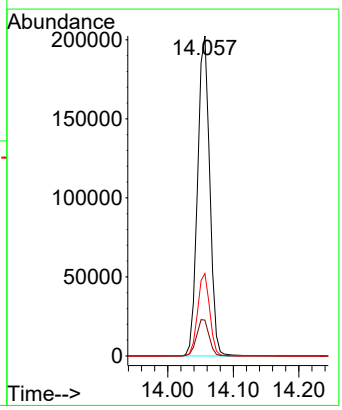


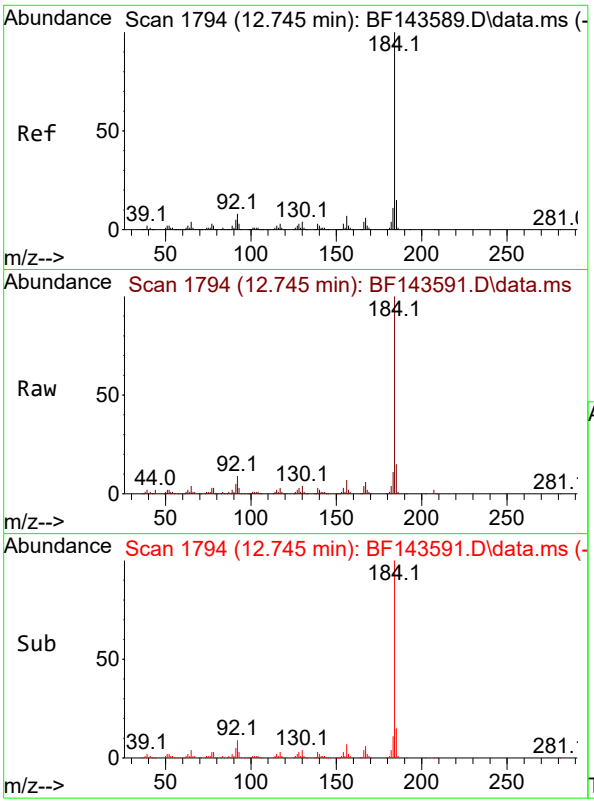


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:240 Resp: 261773

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.6	14.4
236	25.7	20.2	30.2

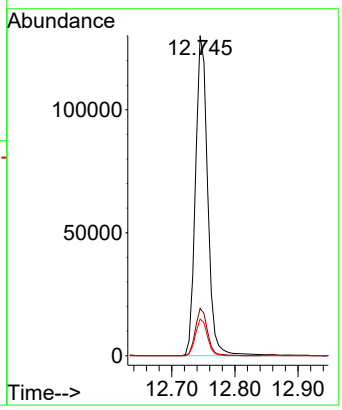




#77
Benzidine
Concen: 28.072 ng
RT: 12.745 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:184 Resp: 17405

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.8	17.6
183	11.5	9.1	13.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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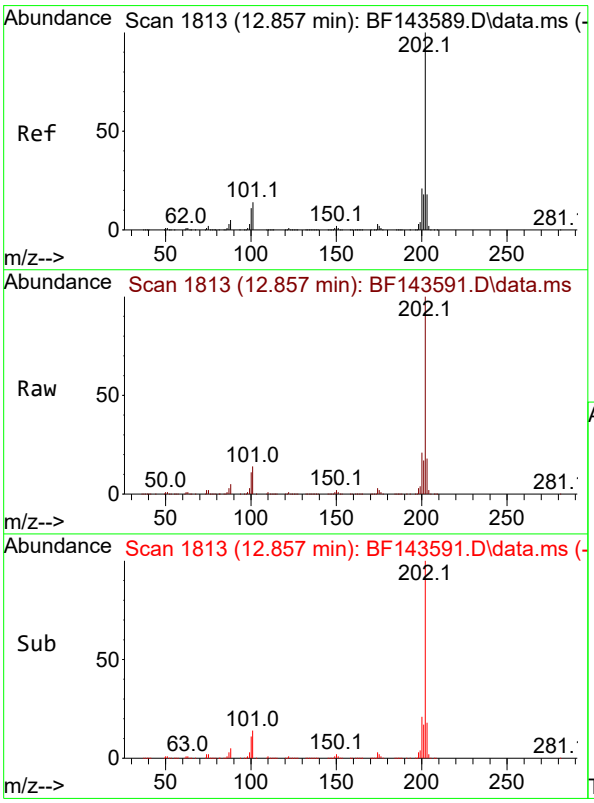
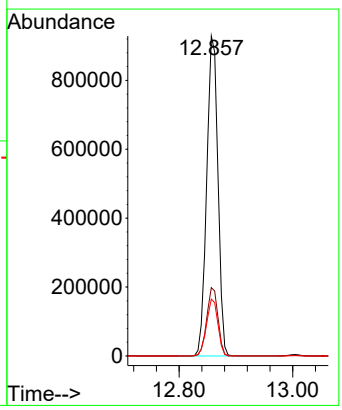
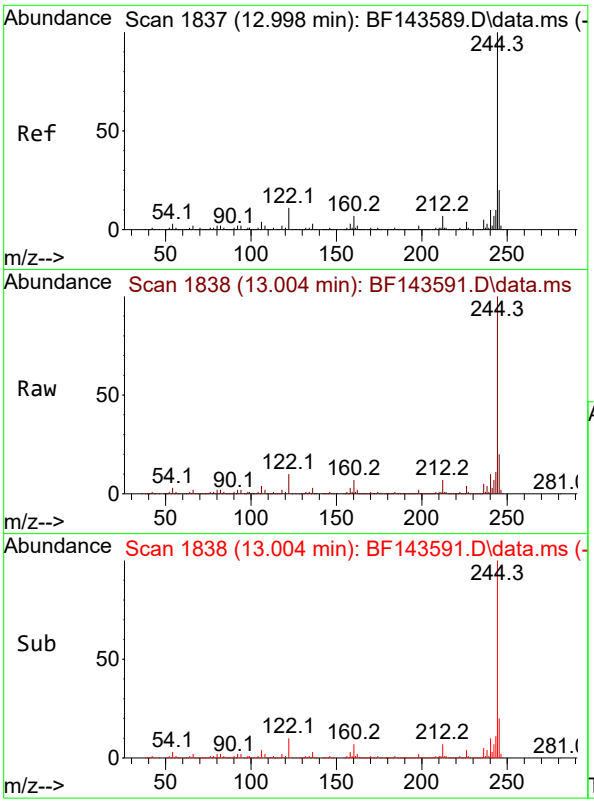


#78
Pyrene
Concen: 57.831 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:202 Resp: 1266940

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	17.7	14.2	21.4

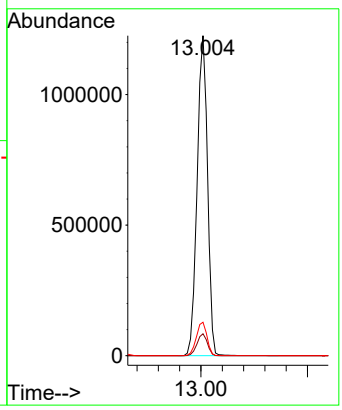




#79
Terphenyl-d14
Concen: 113.350 ng
RT: 13.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:244 Resp: 165350

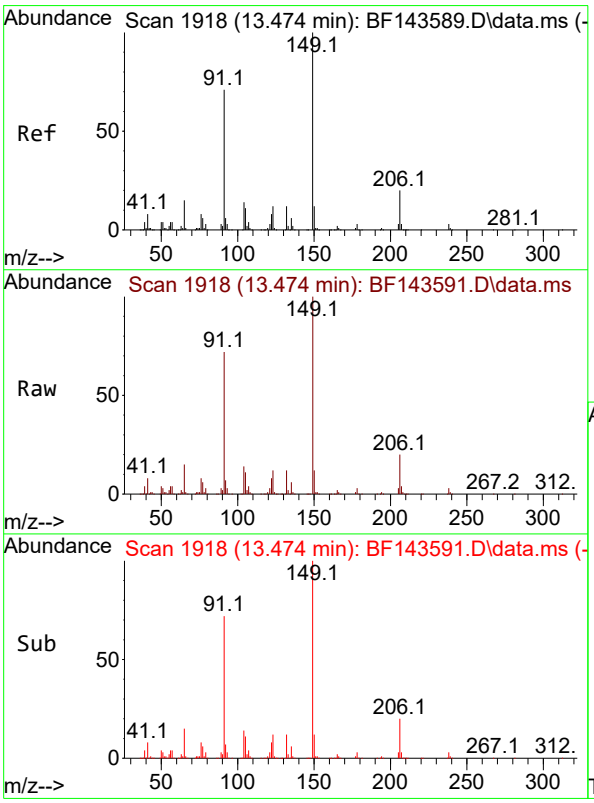
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	10.4	8.8	13.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

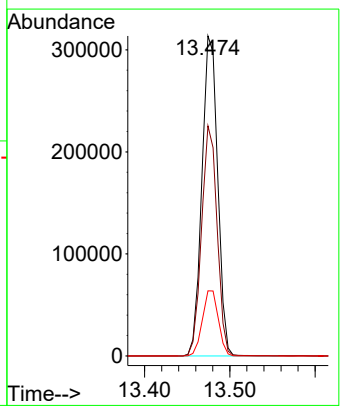
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

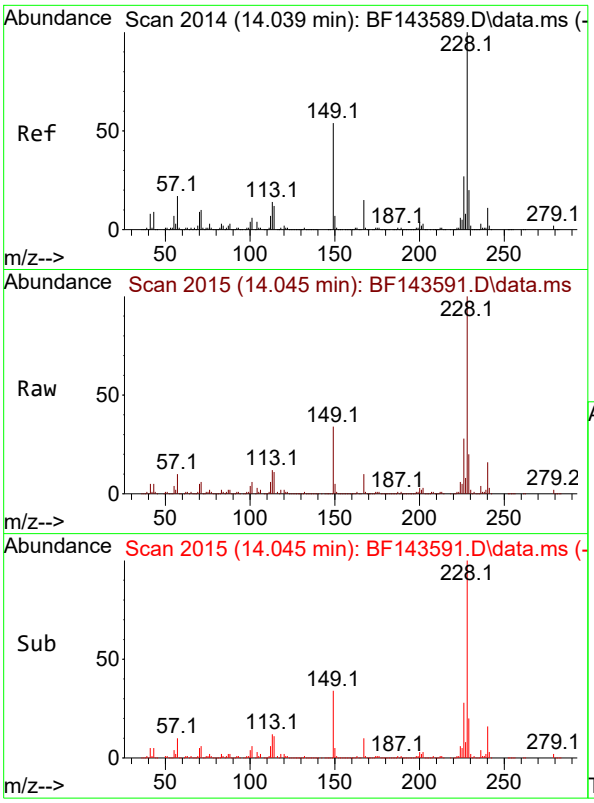


#80
Butylbenzylphthalate
Concen: 63.769 ng
RT: 13.474 min Scan# 1918
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:149 Resp: 402596

Ion	Ratio	Lower	Upper
149	100		
91	71.9	56.8	85.2
206	20.3	16.2	24.2

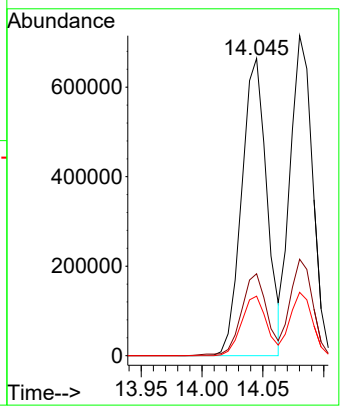




#81
Benzo(a)anthracene
Concen: 58.169 ng
RT: 14.045 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:228 Resp: 95797

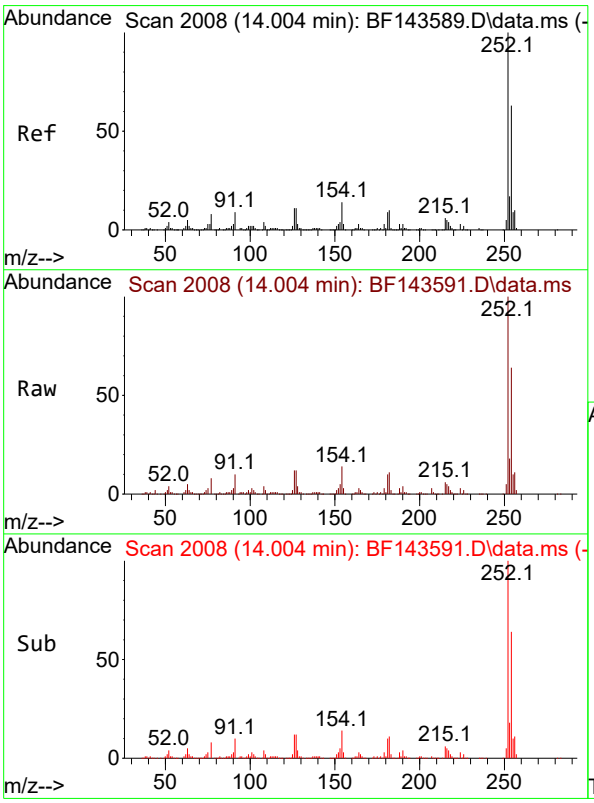
Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.8
229	20.0	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

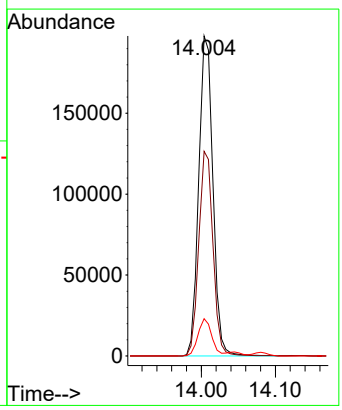
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

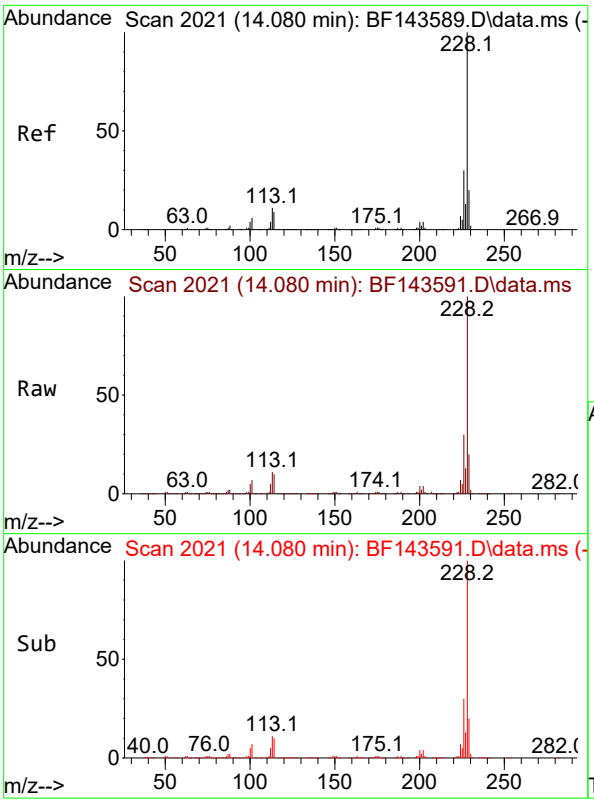


#82
3,3'-Dichlorobenzidine
Concen: 59.461 ng
RT: 14.004 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:252 Resp: 262549

Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.2	75.2
126	11.7	9.1	13.7





#83
Chrysene
Concen: 59.784 ng
RT: 14.080 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:228 Resp: 91758

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	19.8	15.8	23.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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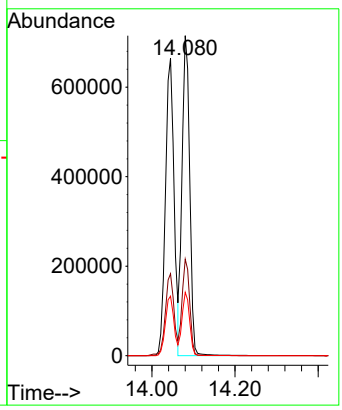
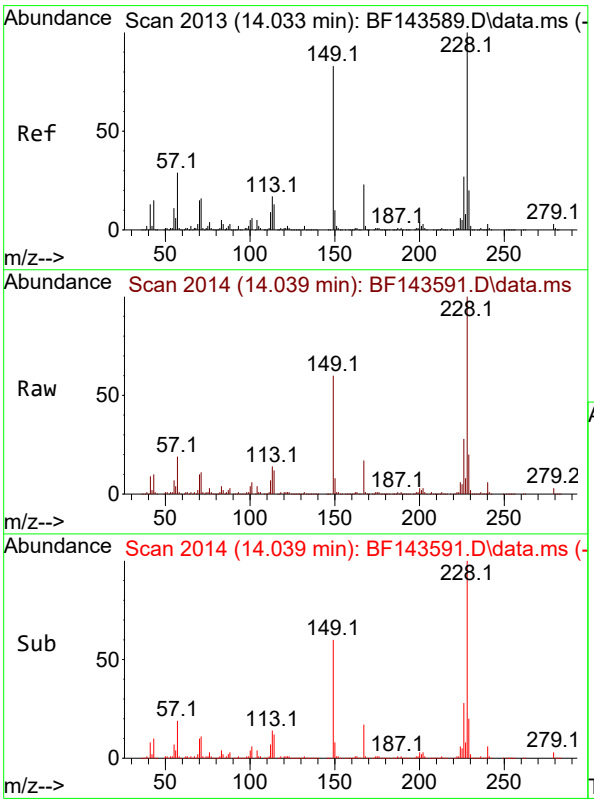
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

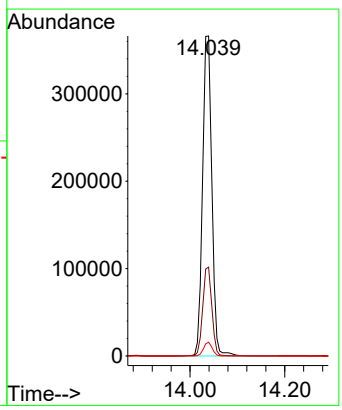


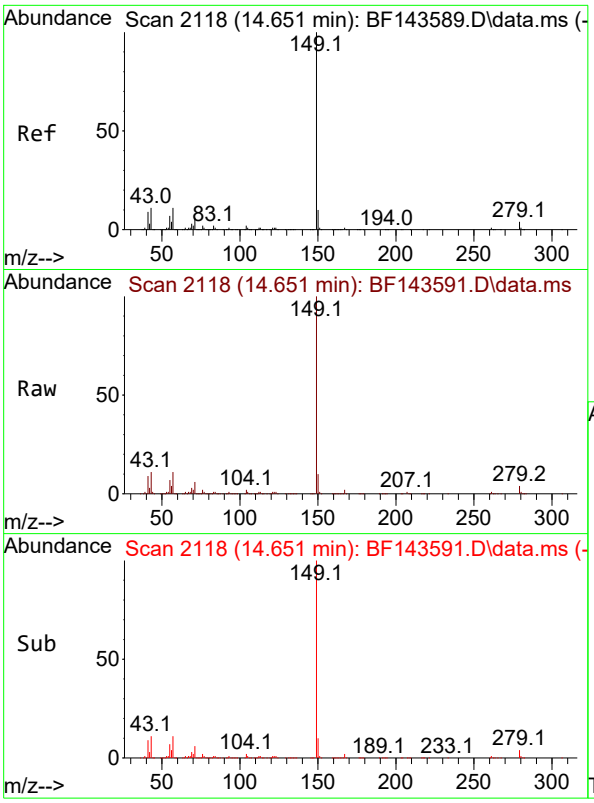


#84
Bis(2-ethylhexyl)phthalate
Concen: 61.448 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:149 Resp: 500152

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.8	32.8
279	4.3	2.9	4.3

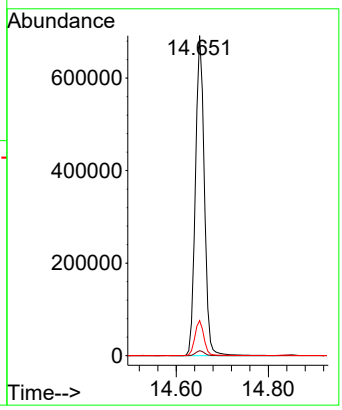




#85
Di-n-octyl phthalate
Concen: 59.879 ng
RT: 14.651 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:149 Resp: 92552

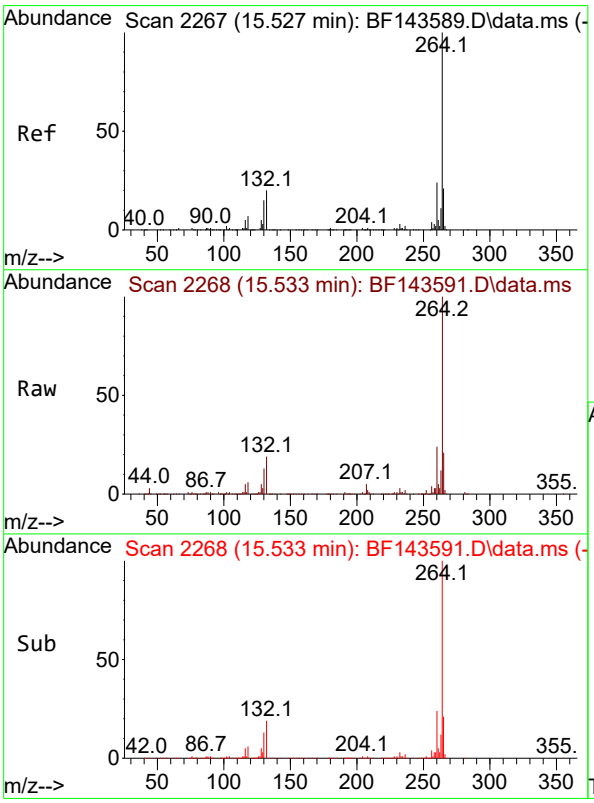
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.1	9.5	14.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

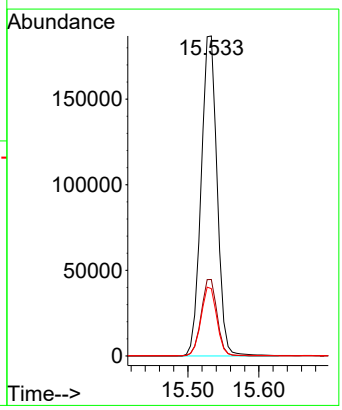
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

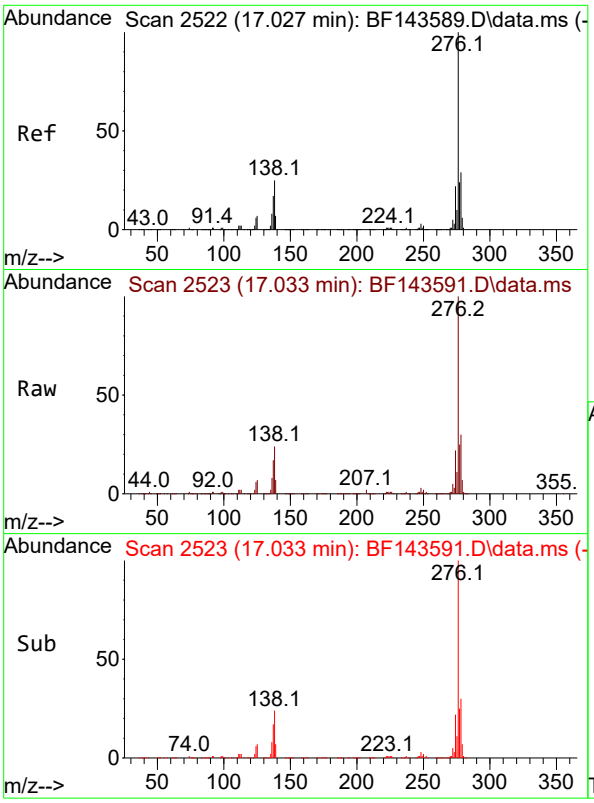


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:264 Resp: 292887

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	21.1	17.0	25.4

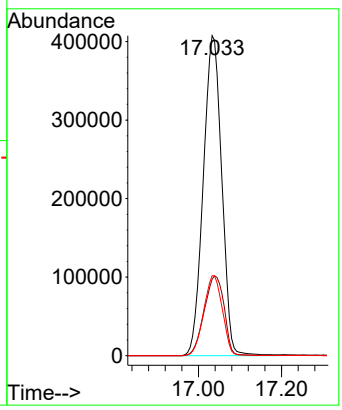




#87
Indeno(1,2,3-cd)pyrene
Concen: 63.063 ng
RT: 17.033 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:276 Resp: 125665

Ion	Ratio	Lower	Upper
276	100		
138	26.9	22.3	33.5
277	25.3	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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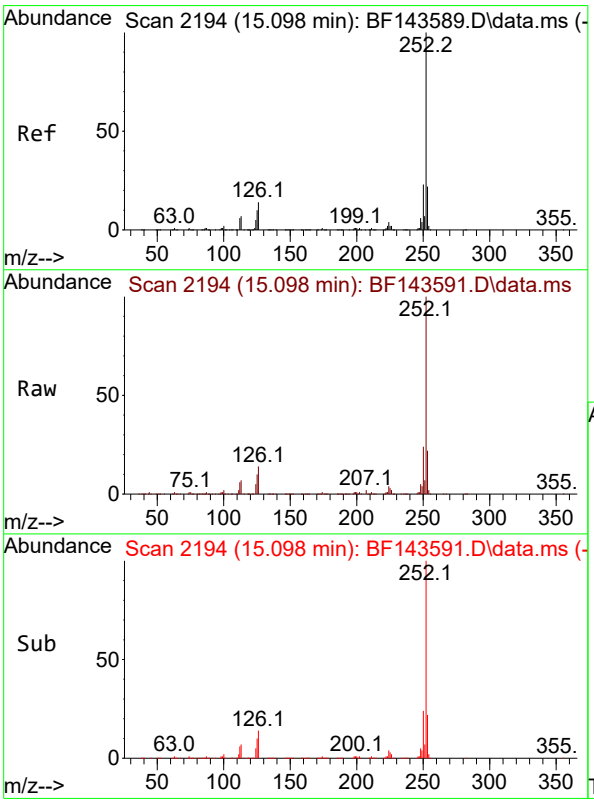
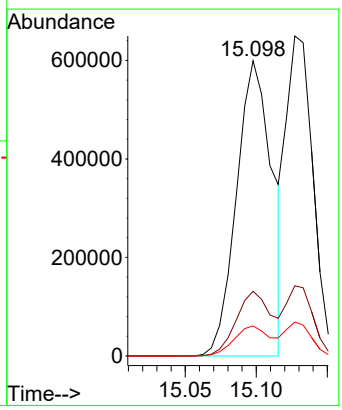
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

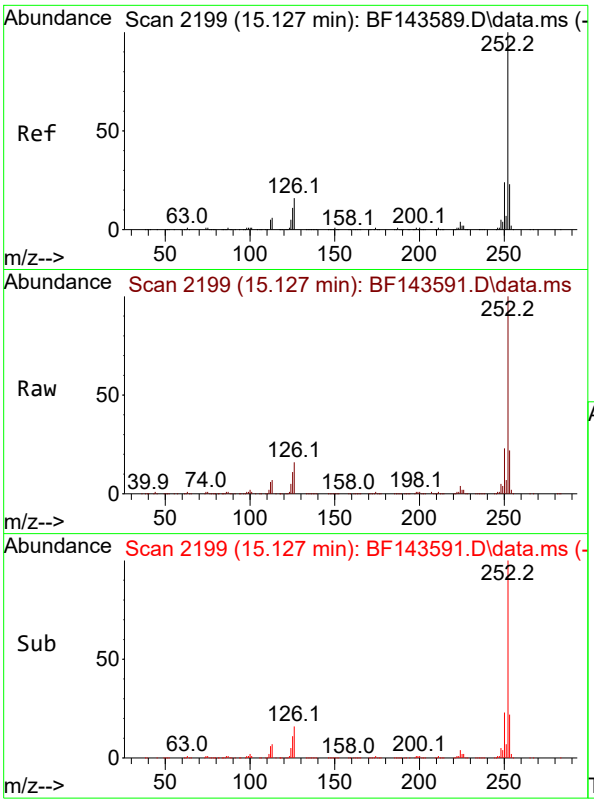


#88
Benzo(b)fluoranthene
Concen: 62.168 ng
RT: 15.098 min Scan# 2194
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:252 Resp: 1040364

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.2	8.2	12.2

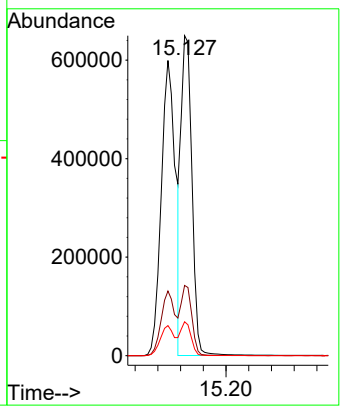




#89
Benzo(k)fluoranthene
Concen: 55.159 ng
RT: 15.127 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:252 Resp: 86307

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.6	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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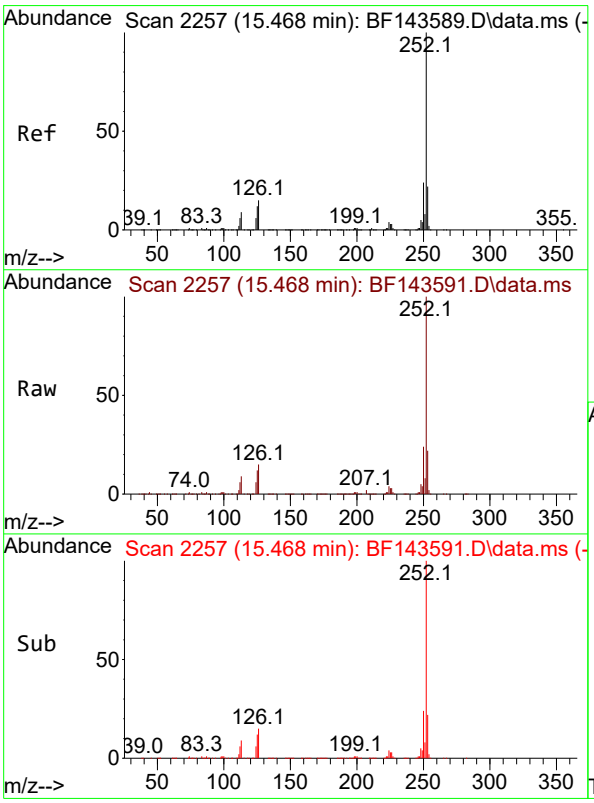
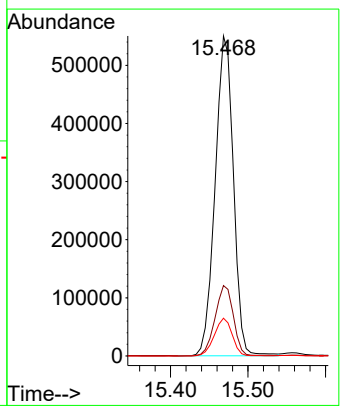
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

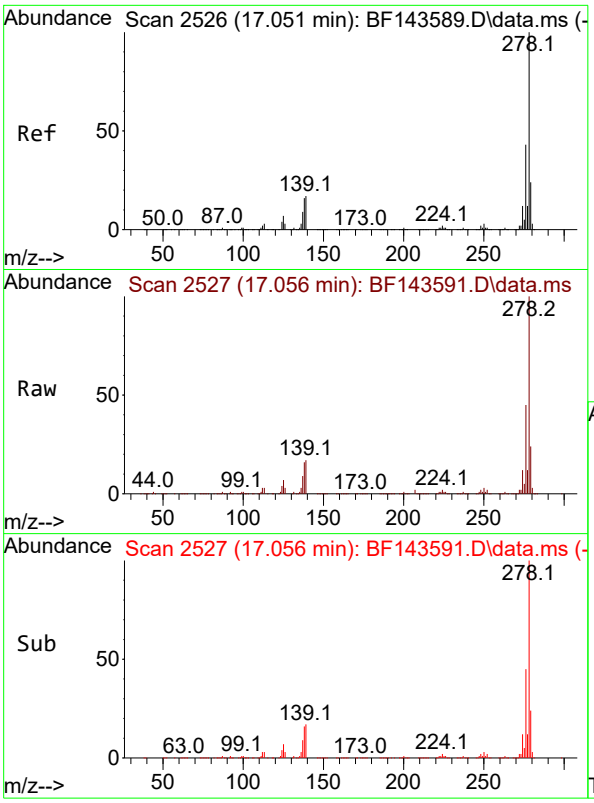


#90
Benzo(a)pyrene
Concen: 61.188 ng
RT: 15.468 min Scan# 2257
Delta R.T. 0.000 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:252 Resp: 904702

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	11.8	9.2	13.8

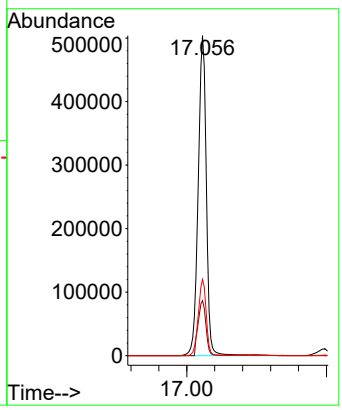




#91
Dibenzo(a,h)anthracene
Concen: 62.642 ng
RT: 17.056 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:278 Resp: 102163

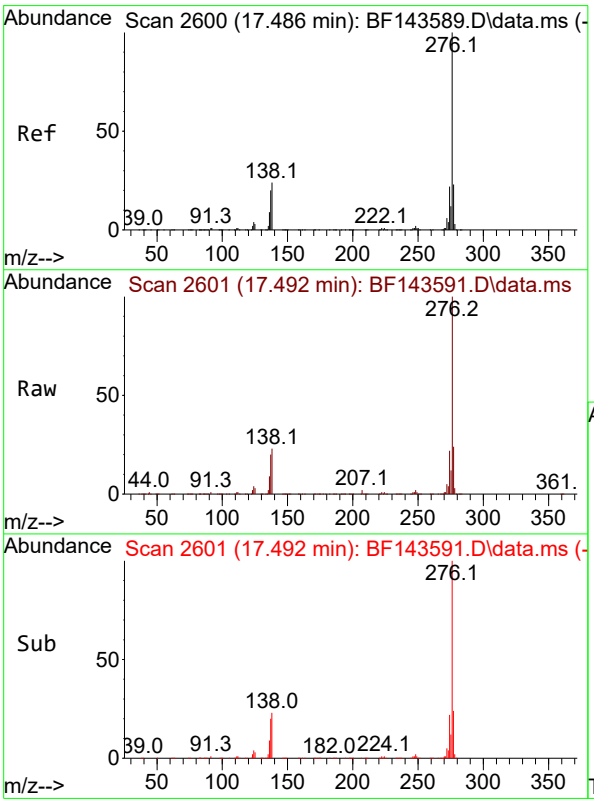
Ion	Ratio	Lower	Upper
278	100		
139	17.2	13.8	20.8
279	23.9	19.4	29.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

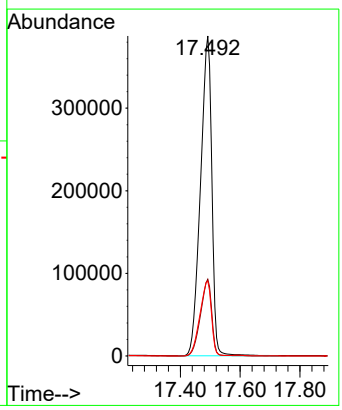
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



#92
Benzo(g,h,i)perylene
Concen: 62.960 ng
RT: 17.492 min Scan# 2601
Delta R.T. 0.006 min
Lab File: BF143591.D
Acq: 26 Aug 2025 12:03

Tgt Ion:276 Resp: 1016575

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	27.8
138	23.4	19.1	28.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143592.D
Acq On : 26 Aug 2025 12:32
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 26 16:16:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	118333	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	451335	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	244563	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	369283	20.000	ng	0.00
76) Chrysene-d12	14.057	240	207669	20.000	ng	0.00
86) Perylene-d12	15.533	264	261116	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1039882	149.566	ng	0.00
7) Phenol-d6	6.516	99	1274273	147.976	ng	0.00
23) Nitrobenzene-d5	7.463	82	1107689	175.236	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	317703	166.117	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1958863	136.946	ng	0.00
79) Terphenyl-d14	13.004	244	1647677	142.377	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	265352	78.013	ng	98
3) Pyridine	3.440	79	703637	82.382	ng	99
4) n-Nitrosodimethylamine	3.405	42	322774	79.417	ng	99
6) Aniline	6.563	93	909292	75.637	ng	100
8) 2-Chlorophenol	6.681	128	565436	76.869	ng	97
10) Phenol	6.534	94	727271m	75.299	ng	
11) bis(2-Chloroethyl)ether	6.634	93	548310	74.087	ng	99
12) 1,3-Dichlorobenzene	6.840	146	614602	72.739	ng	98
13) 1,4-Dichlorobenzene	6.916	146	613284	71.983	ng	99
14) 1,2-Dichlorobenzene	7.063	146	599205	74.146	ng	98
15) Benzyl Alcohol	7.034	79	500093	77.489	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	970380	71.033	ng	98
17) 2-Methylphenol	7.140	107	473196	75.778	ng	99
18) Hexachloroethane	7.410	117	206550	76.298	ng	97
19) n-Nitroso-di-n-propyla...	7.316	70	408301	74.845	ng	98
20) 3+4-Methylphenols	7.298	107	565511	73.735	ng	96
22) Acetophenone	7.310	105	720367	70.872	ng	99
24) Nitrobenzene	7.481	77	596889	88.076	ng	99
25) Isophorone	7.722	82	1125213	76.066	ng	100
26) 2-Nitrophenol	7.792	139	256434	77.706	ng	99
27) 2,4-Dimethylphenol	7.822	122	494480	76.828	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	655211	73.209	ng	100
29) 2,4-Dichlorophenol	8.028	162	484857	78.188	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	474389	73.269	ng	99
31) Naphthalene	8.198	128	1552362	71.189	ng	100
32) Benzoic acid	7.945	122	303371	77.933	ng	97
33) 4-Chloroaniline	8.245	127	569536	73.930	ng	99
34) Hexachlorobutadiene	8.316	225	298282	73.111	ng	99
35) Caprolactam	8.634	113	141333	80.224	ng	99
36) 4-Chloro-3-methylphenol	8.722	107	502609	77.525	ng	99
37) 2-Methylnaphthalene	8.892	142	1019745	70.812	ng	100
38) 1-Methylnaphthalene	8.992	142	989412	71.190	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	459753	72.274	ng	100
41) Hexachlorocyclopentadiene	9.045	237	264562	84.541	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	340126	80.915	ng	99
44) 2,4,5-Trichlorophenol	9.198	196	349731	82.338	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143592.D
Acq On : 26 Aug 2025 12:32
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

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

Quant Time: Aug 26 16:16:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.357	154	1198951	70.653	ng		99
47) 2-Chloronaphthalene	9.381	162	981816	73.243	ng		100
48) 2-Nitroaniline	9.469	65	311379	80.435	ng		98
49) Acenaphthylene	9.792	152	1419464	72.778	ng		99
50) Dimethylphthalate	9.651	163	1122261	74.604	ng		100
51) 2,6-Dinitrotoluene	9.716	165	214146	81.094	ng		95
52) Acenaphthene	9.969	154	931901	72.943	ng		99
53) 3-Nitroaniline	9.881	138	245946	79.514	ng	#	97
54) 2,4-Dinitrophenol	9.981	184	79141	78.176	ng		89
55) Dibenzofuran	10.139	168	1349245	72.033	ng		99
56) 4-Nitrophenol	10.028	139	204329	78.994	ng		99
57) 2,4-Dinitrotoluene	10.116	165	282664	81.433	ng		98
58) Fluorene	10.481	166	980602	69.728	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	269270	85.747	ng		99
60) Diethylphthalate	10.357	149	1045037	74.130	ng		100
61) 4-Chlorophenyl-phenyle...	10.475	204	478559	69.580	ng		98
62) 4-Nitroaniline	10.498	138	231921	80.486	ng		99
63) Azobenzene	10.633	77	1034753	72.394	ng		99
65) 4,6-Dinitro-2-methylph...	10.528	198	118332	77.966	ng		92
66) n-Nitrosodiphenylamine	10.592	169	875528	74.537	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	304258	76.172	ng		98
68) Hexachlorobenzene	11.028	284	320040	74.906	ng		98
69) Atrazine	11.116	200	260979	77.295	ng		99
70) Pentachlorophenol	11.216	266	208704	85.497	ng		99
71) Phenanthrene	11.445	178	1410689	71.348	ng		100
72) Anthracene	11.498	178	1431840	71.860	ng		100
73) Carbazole	11.645	167	1225872	71.173	ng		100
74) Di-n-butylphthalate	11.980	149	1318949	75.182	ng		100
75) Fluoranthene	12.627	202	1244385	68.929	ng		100
77) Benzidine	12.745	184	327388	66.557	ng		100
78) Pyrene	12.857	202	1251841	72.028	ng		100
80) Butylbenzylphthalate	13.474	149	407071	80.269	ng		100
81) Benzo(a)anthracene	14.045	228	984835	75.379	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	304862	87.032	ng		98
83) Chrysene	14.080	228	937556	77.000	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	525278	80.299	ng		99
85) Di-n-octyl phthalate	14.651	149	1016224	79.961	ng		98
87) Indeno(1,2,3-cd)pyrene	17.039	276	1419838	79.922	ng		99
88) Benzo(b)fluoranthene	15.098	252	1116909	74.863	ng		99
89) Benzo(k)fluoranthene	15.133	252	988639	70.872	ng		100
90) Benzo(a)pyrene	15.474	252	1025759	77.816	ng		99
91) Dibenzo(a,h)anthracene	17.062	278	1136990	78.197	ng		99
92) Benzo(g,h,i)perylene	17.498	276	1154891	80.229	ng		99

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

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143592.D
Acq On : 26 Aug 2025 12:32
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 26 16:16:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Instrument :
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ClientSampleId :
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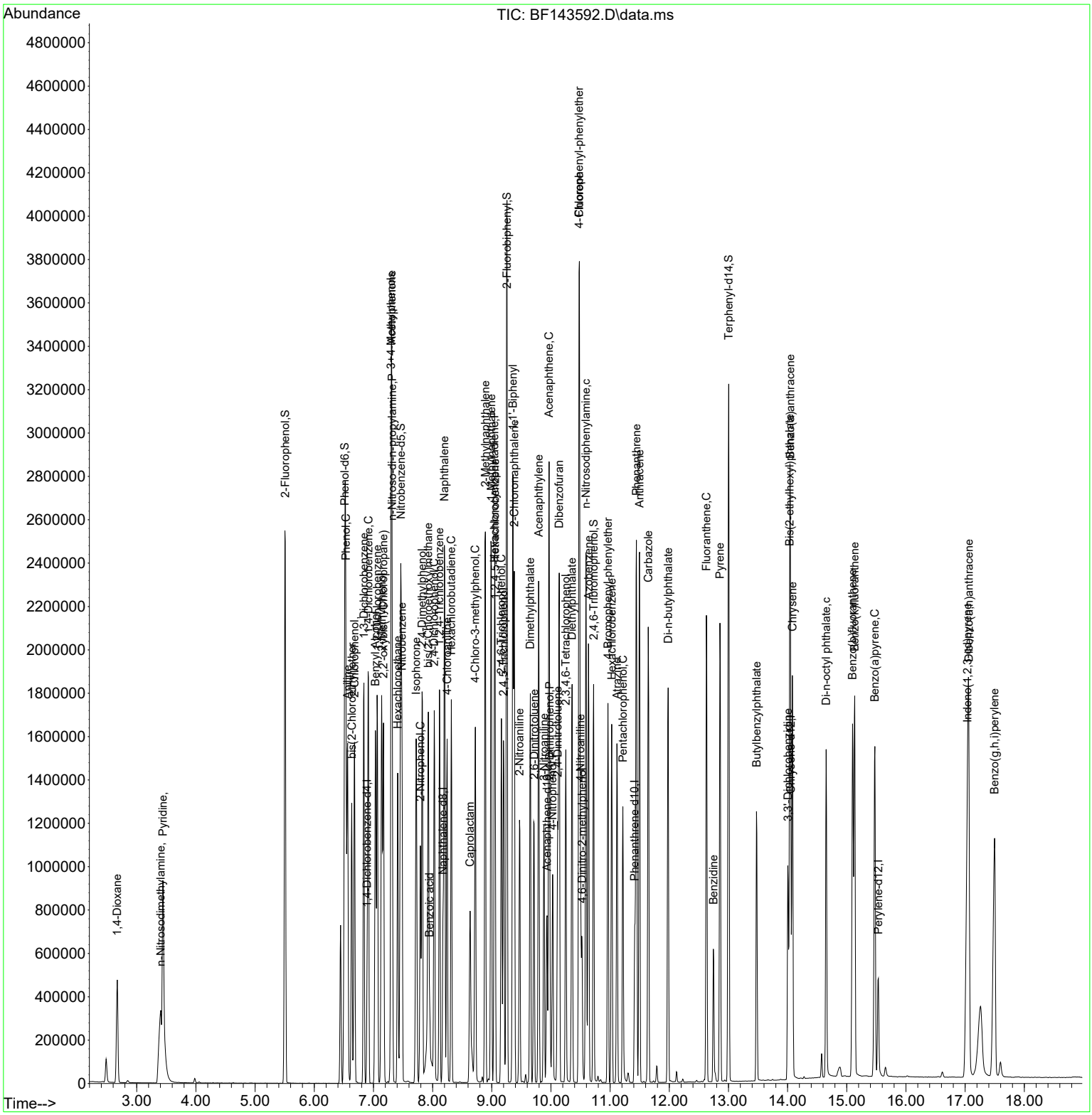
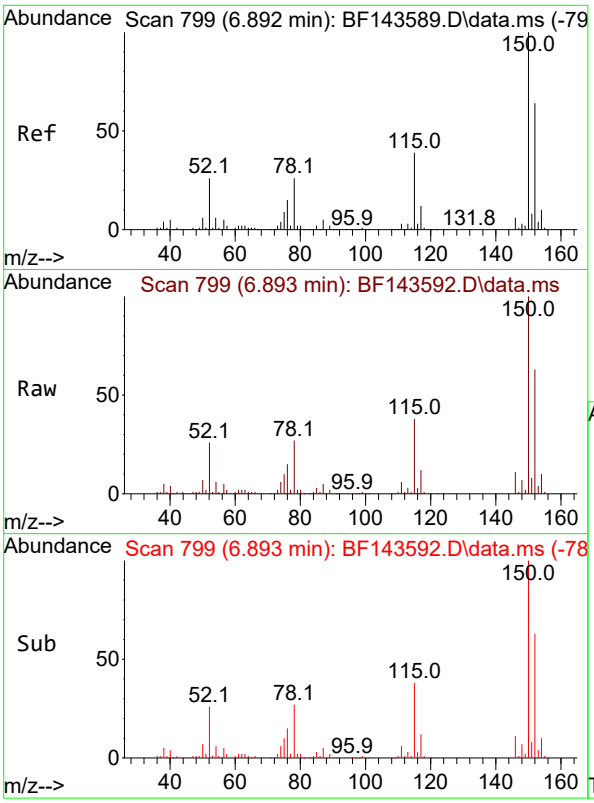
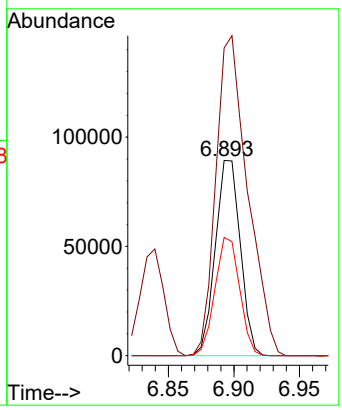




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 7
Delta R.T. 0.001 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:152 Resp: 11833

Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.9	187.3
115	60.5	48.0	72.0



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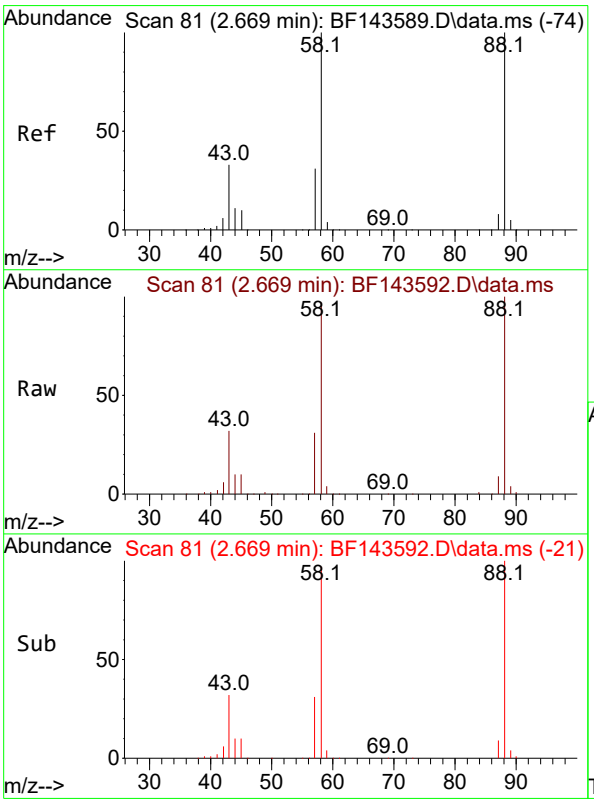
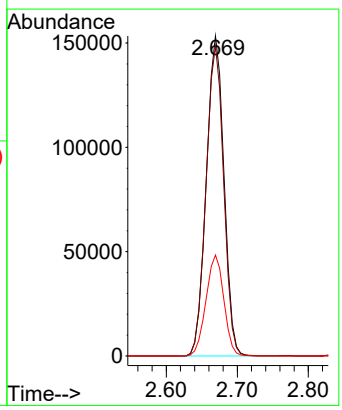
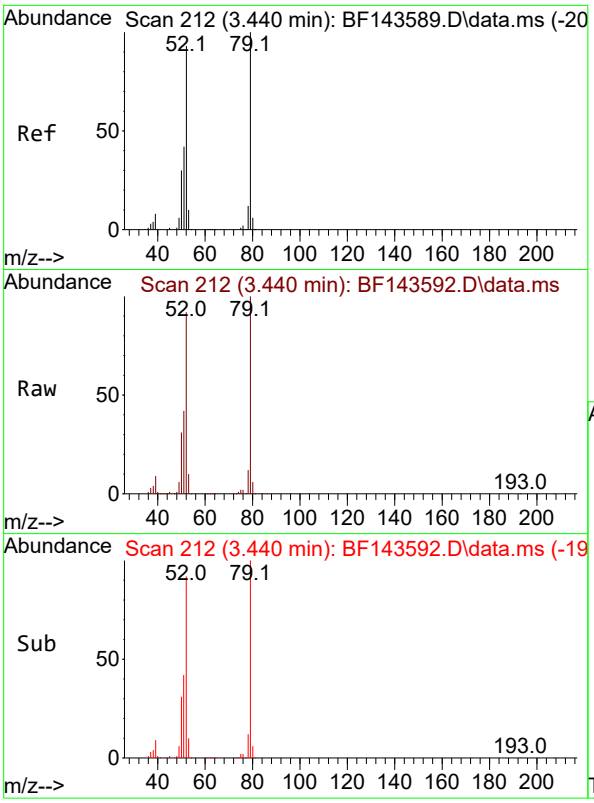


#2
1,4-Dioxane
Concen: 78.013 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion: 88 Resp: 265352

Ion	Ratio	Lower	Upper
88	100		
58	96.5	79.2	118.8
43	31.8	26.2	39.2

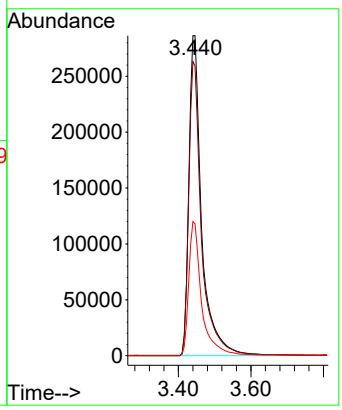




#3
Pyridine
Concen: 82.382 ng
RT: 3.440 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion: 79 Resp: 70363

Ion	Ratio	Lower	Upper
79	100		
52	91.9	74.3	111.5
51	41.9	33.5	50.3



Instrument :
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ClientSampleId :
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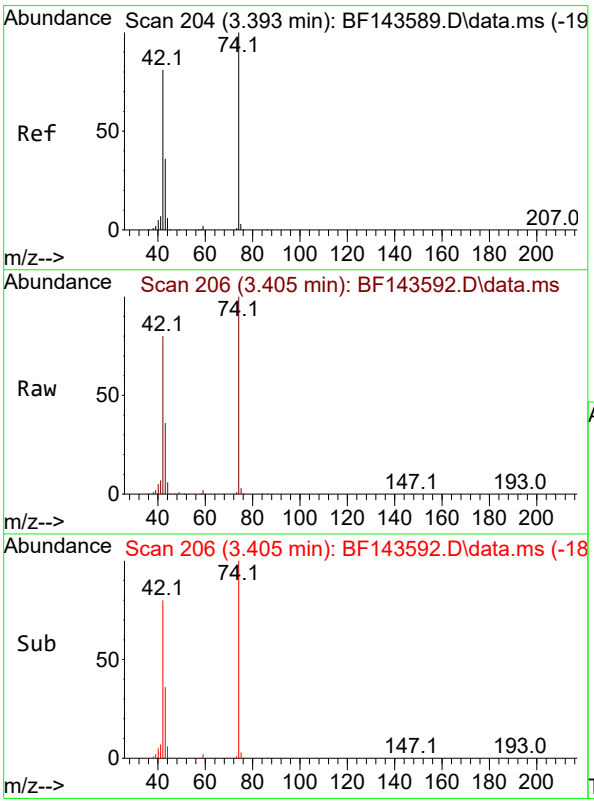
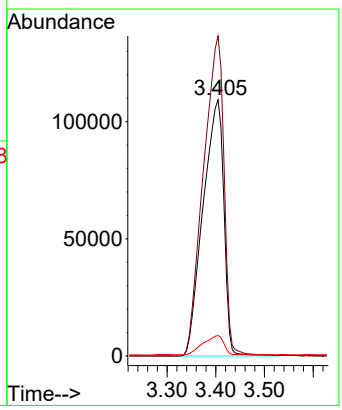
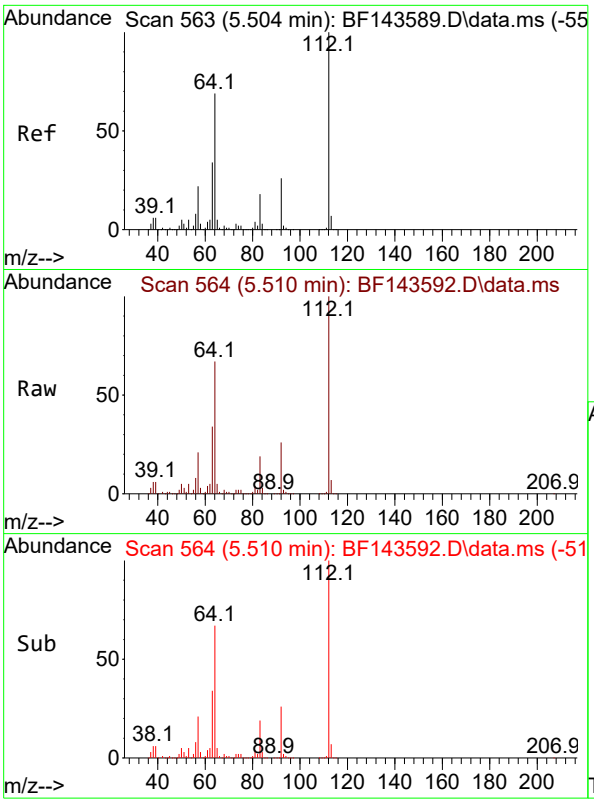


#4
n-Nitrosodimethylamine
Concen: 79.417 ng
RT: 3.405 min Scan# 206
Delta R.T. 0.012 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion: 42 Resp: 322774

Ion	Ratio	Lower	Upper
42	100		
74	124.9	98.9	148.3
44	8.0	7.0	10.4





#5
2-Fluorophenol
Concen: 149.566 ng
RT: 5.510 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:112 Resp: 103988

Ion	Ratio	Lower	Upper
112	100		
64	67.1	54.8	82.2
63	33.7	27.6	41.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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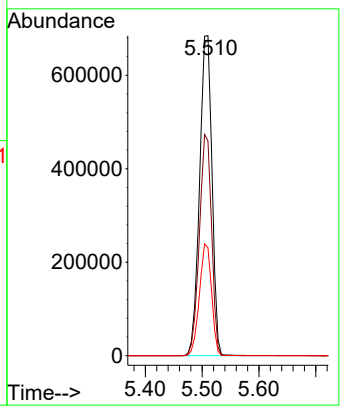
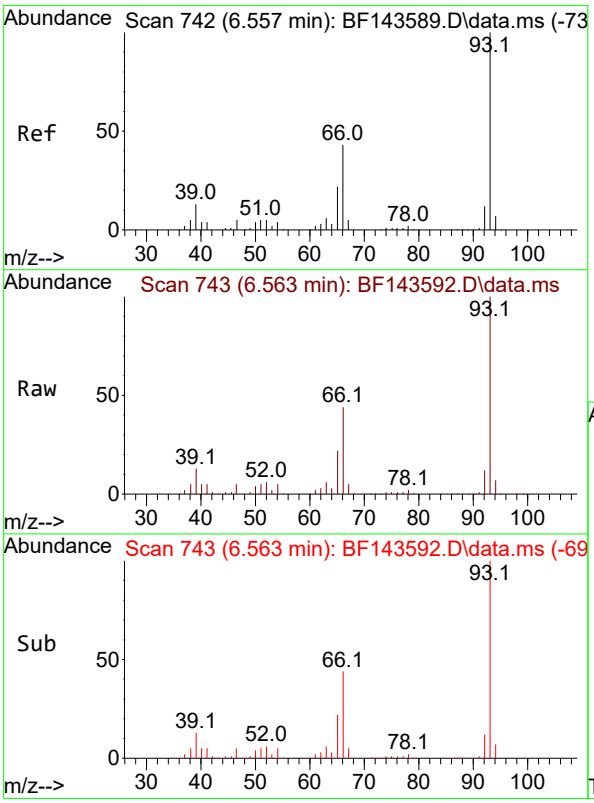
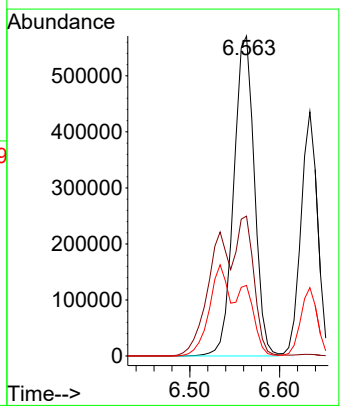


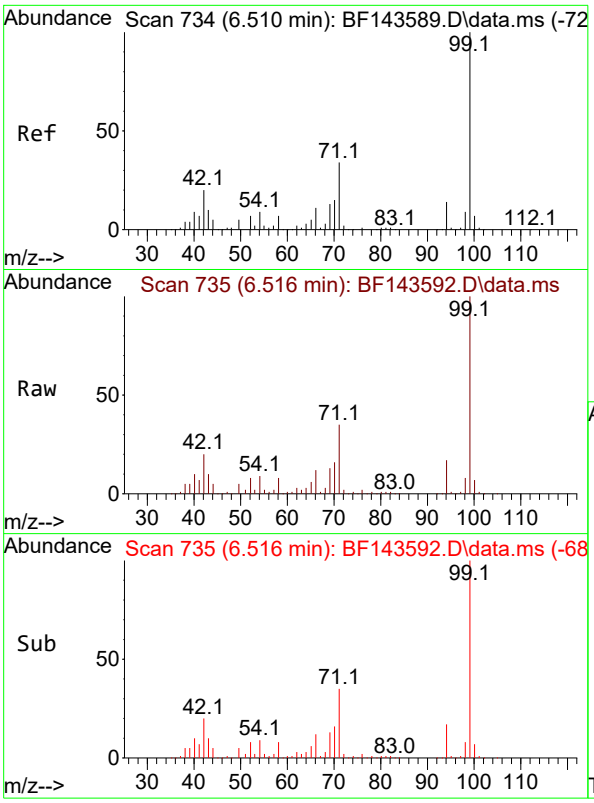


#6
Aniline
Concen: 75.637 ng
RT: 6.563 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion: 93 Resp: 909292

Ion	Ratio	Lower	Upper
93	100		
66	43.7	35.0	52.4
65	22.1	17.5	26.3

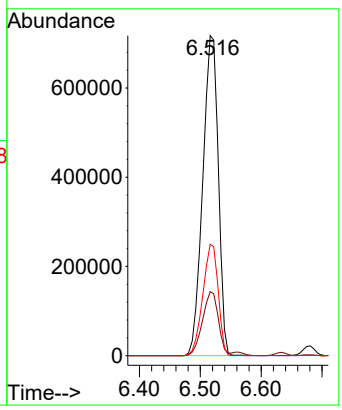




#7
Phenol-d6
Concen: 147.976 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion: 99 Resp: 127427

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.9	23.9
71	34.8	27.2	40.8



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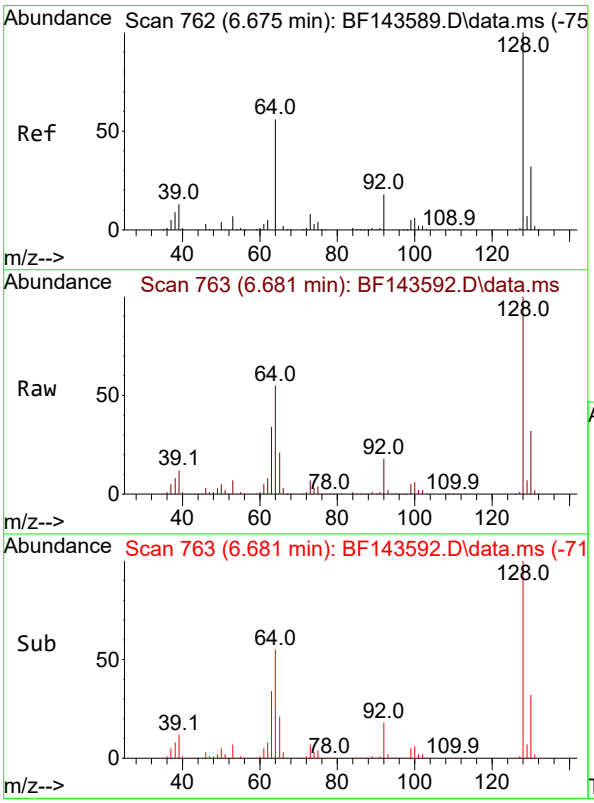
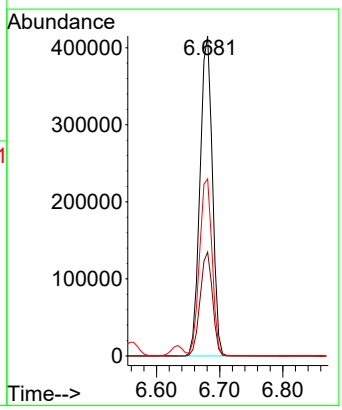
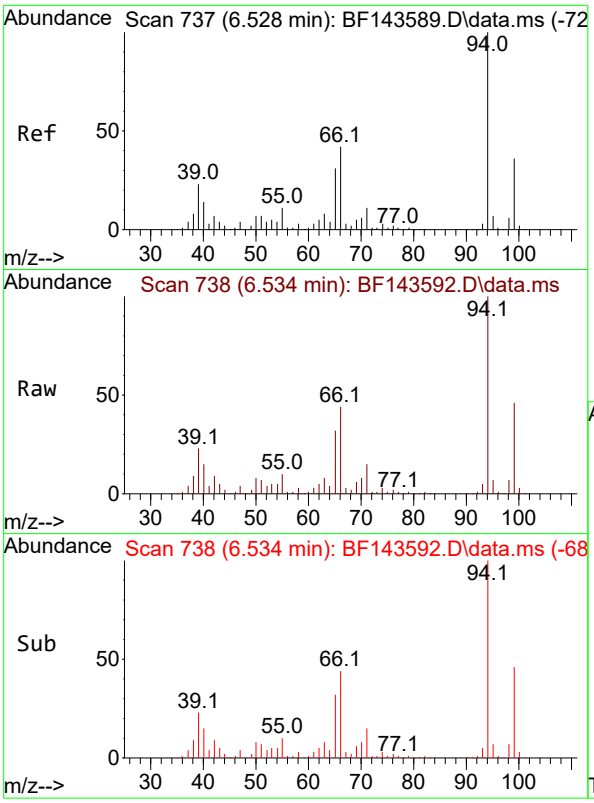


#8
2-Chlorophenol
Concen: 76.869 ng
RT: 6.681 min Scan# 763
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:128 Resp: 565436

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.3	52.3
64	55.3	38.4	78.4

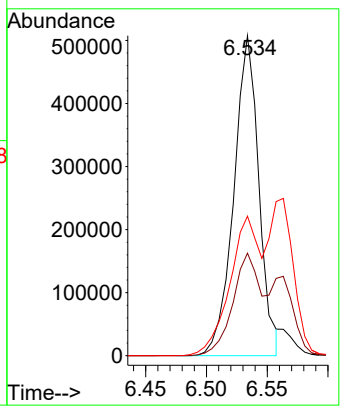




#10
Phenol
Concen: 75.299 ng m
RT: 6.534 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion: 94 Resp: 72727

Ion	Ratio	Lower	Upper
94	100		
65	32.1	11.0	51.0
66	43.6	22.1	62.1



Instrument :
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ClientSampleId :
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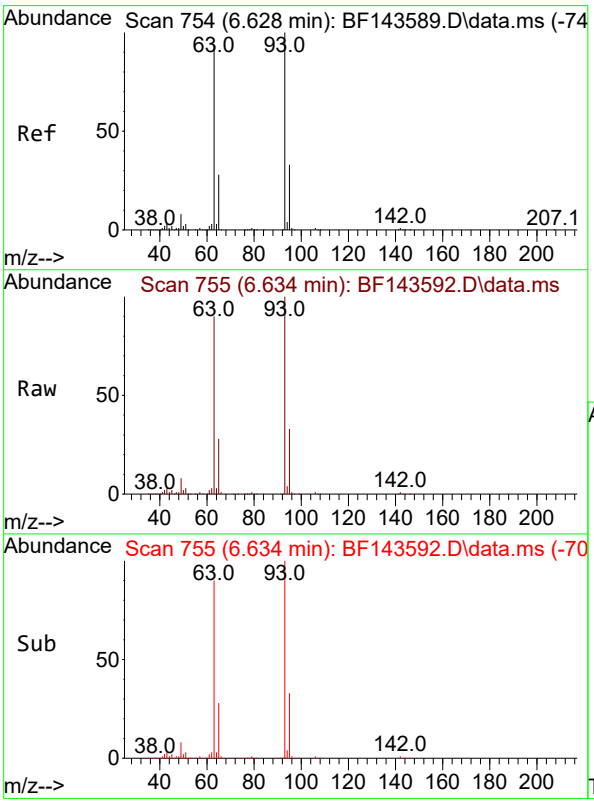
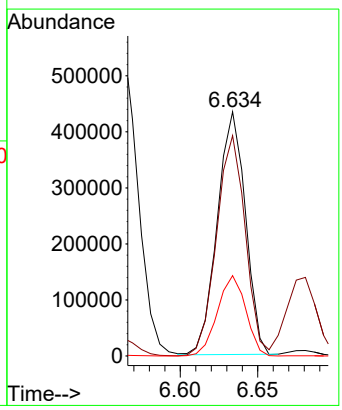
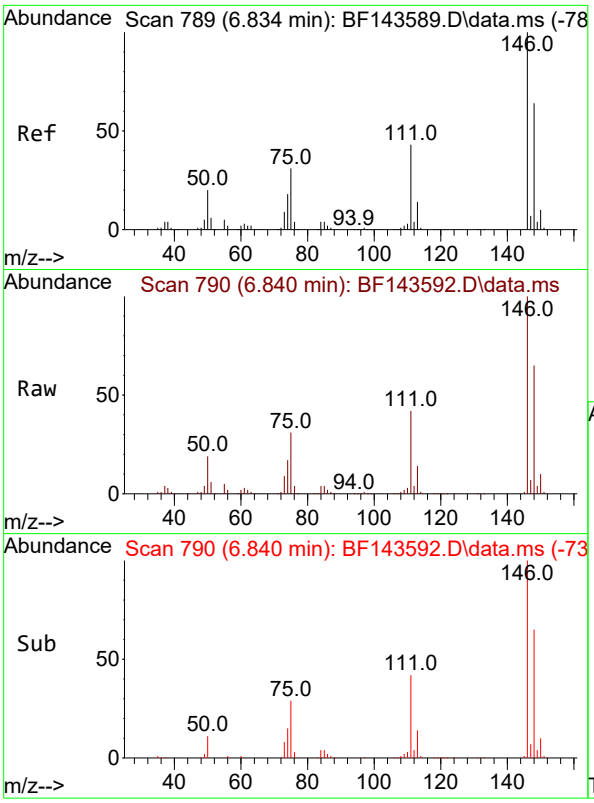


#11
bis(2-Chloroethyl)ether
Concen: 74.087 ng
RT: 6.634 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion: 93 Resp: 548310

Ion	Ratio	Lower	Upper
93	100		
63	90.2	72.1	112.1
95	32.9	12.8	52.8





#12
1,3-Dichlorobenzene
Concen: 72.739 ng
RT: 6.840 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:146 Resp: 61460

Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.1	76.7
75	30.6	25.2	37.8

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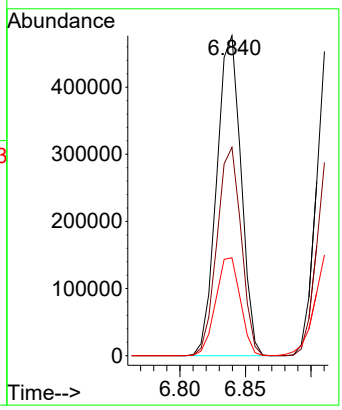
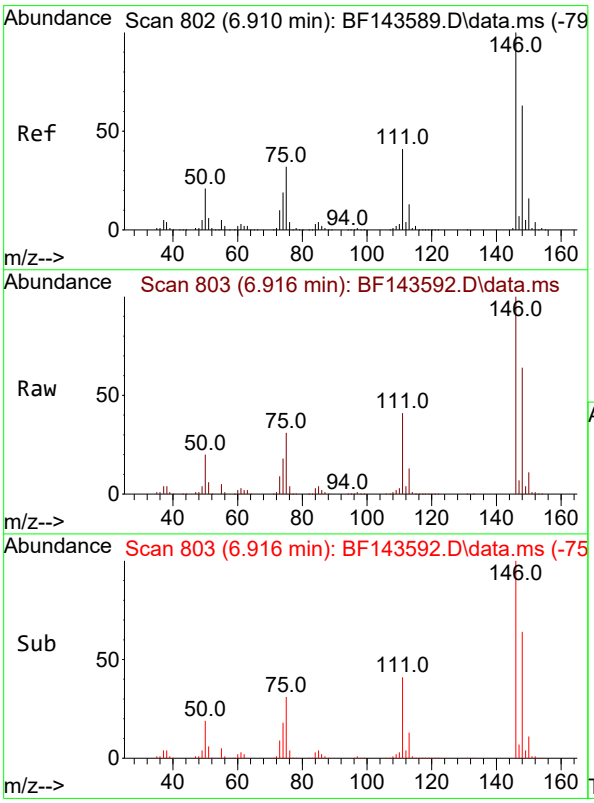
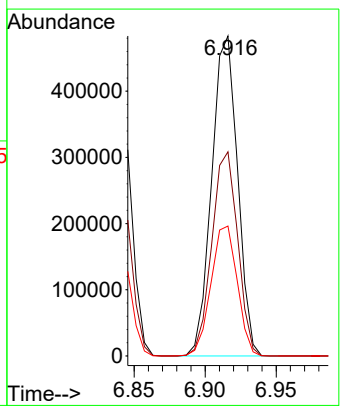


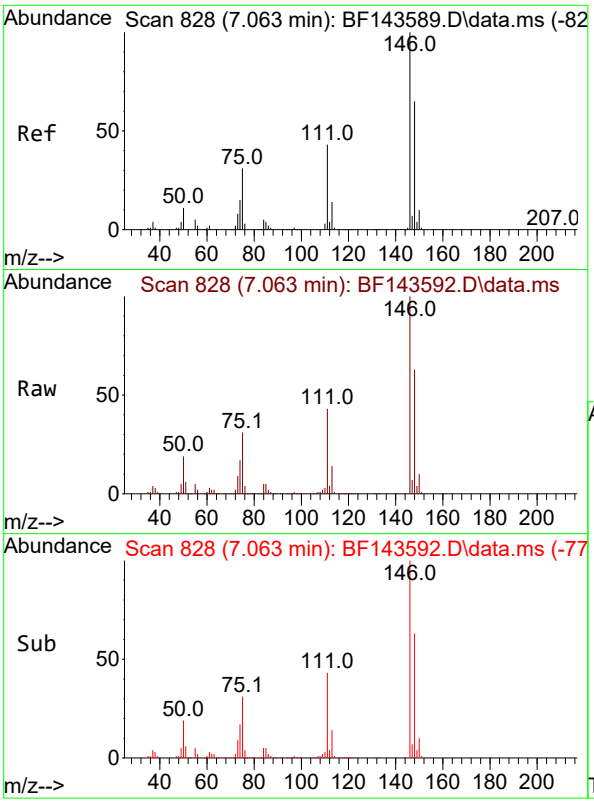


#13
1,4-Dichlorobenzene
Concen: 71.983 ng
RT: 6.916 min Scan# 803
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:146 Resp: 613284

Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
111	40.6	32.4	48.6

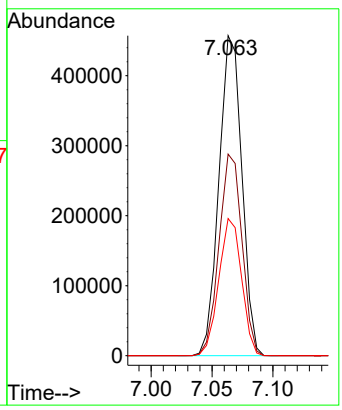




#14
1,2-Dichlorobenzene
Concen: 74.146 ng
RT: 7.063 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:146 Resp: 59920

Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.7	77.5
111	42.8	34.7	52.1



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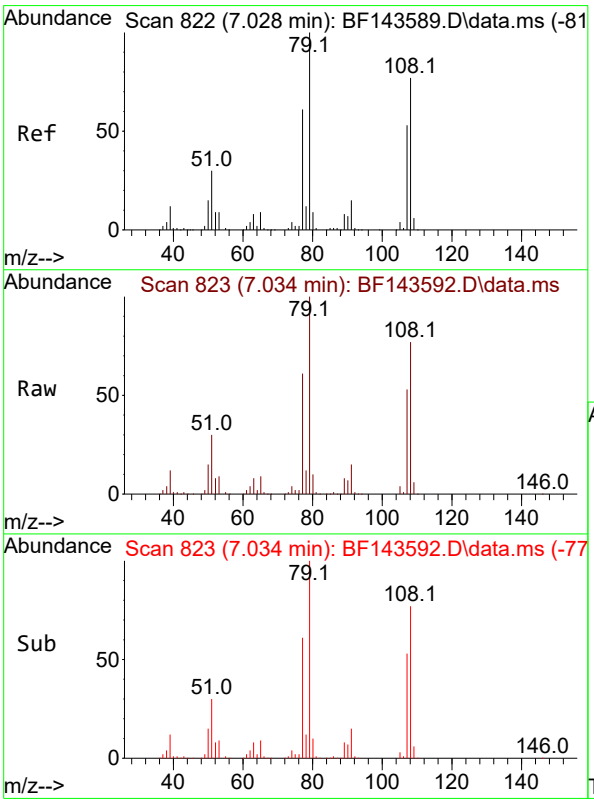
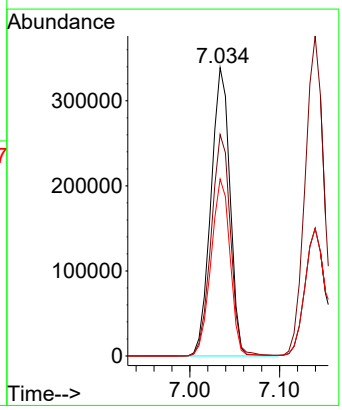
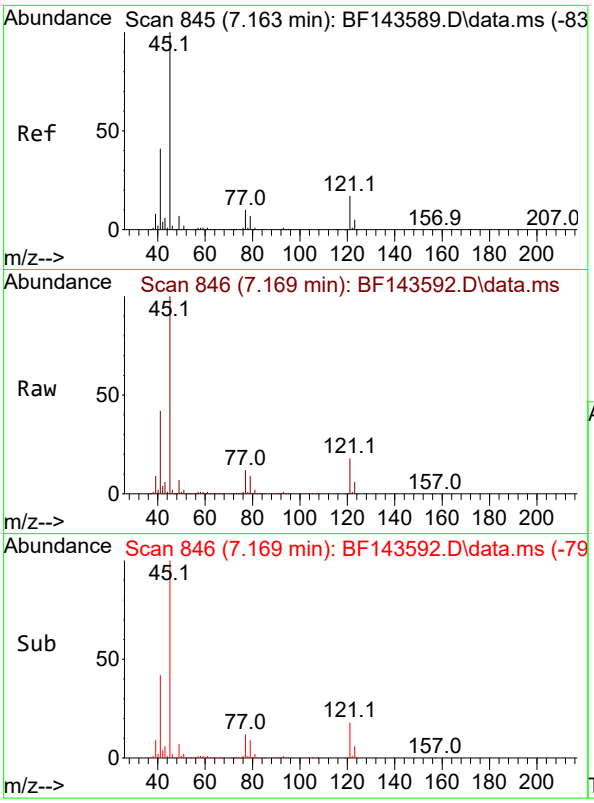


#15
Benzyl Alcohol
Concen: 77.489 ng
RT: 7.034 min Scan# 823
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion: 79 Resp: 500093

Ion	Ratio	Lower	Upper
79	100		
108	76.8	61.3	91.9
77	61.4	48.7	73.1





#16
2,2'-oxybis(1-Chloropropane)
Concen: 71.033 ng
RT: 7.169 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion: 45 Resp: 97038

Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	31.1
79	8.8	0.0	28.1

Instrument :
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ClientSampleId :
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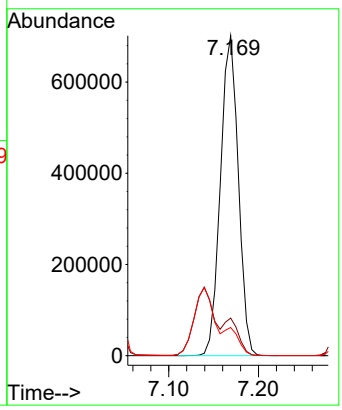
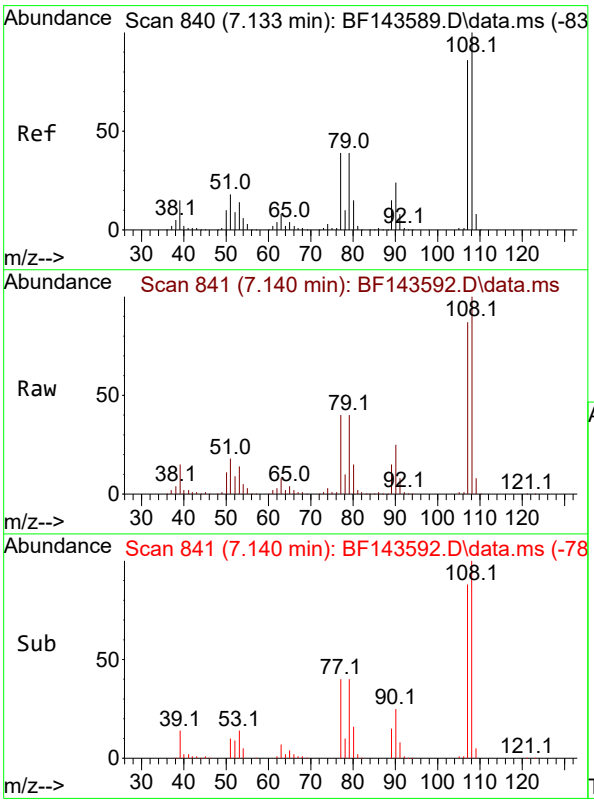
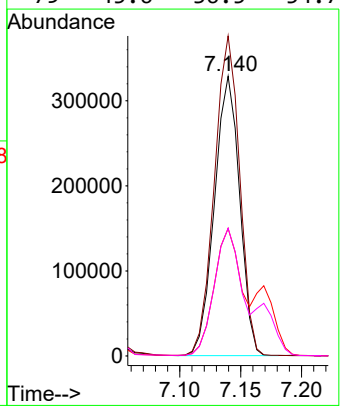


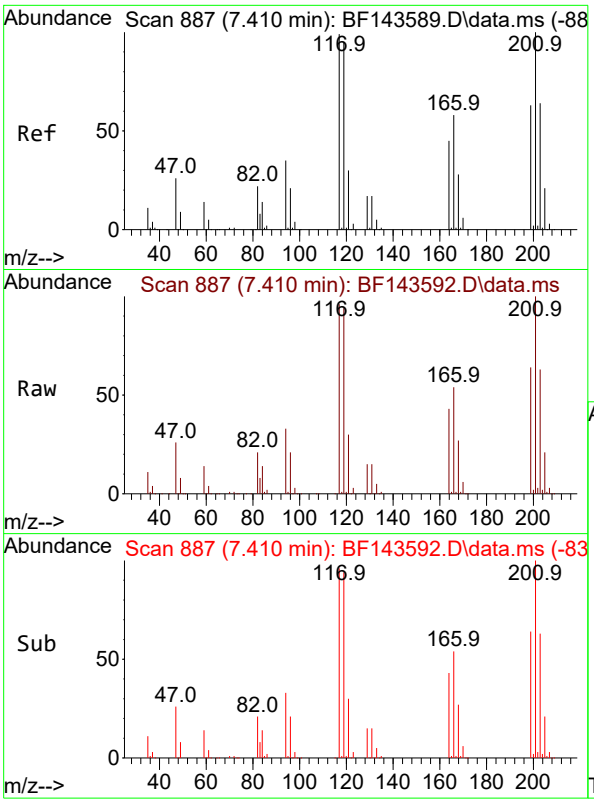


#17
2-Methylphenol
Concen: 75.778 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:107 Resp: 473196

Ion	Ratio	Lower	Upper
107	100		
108	114.4	92.6	138.8
77	45.6	36.3	54.5
79	45.6	36.5	54.7

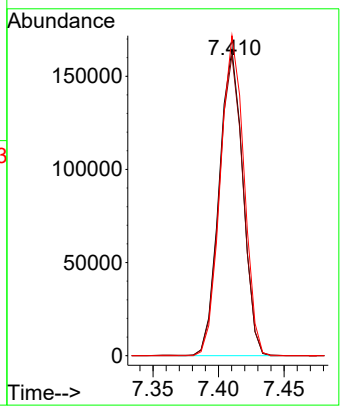




#18
Hexachloroethane
Concen: 76.298 ng
RT: 7.410 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:117 Resp: 20655

Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.6	115.0
201	104.4	81.0	121.4



Instrument :
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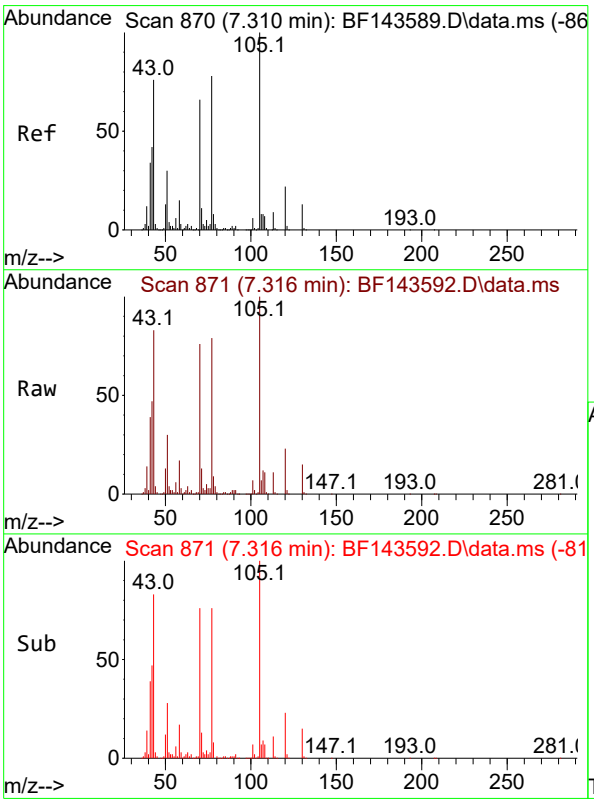
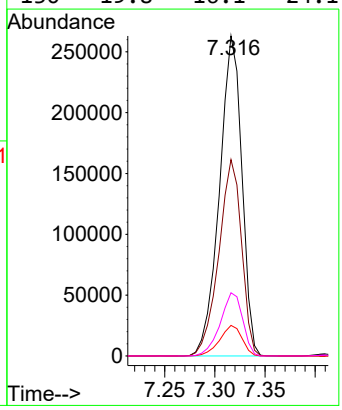
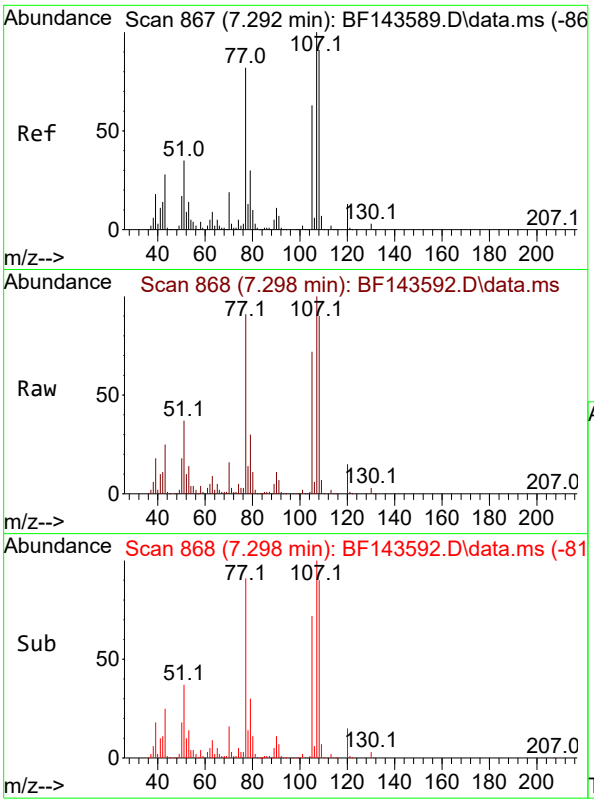


#19
n-Nitroso-di-n-propylamine
Concen: 74.845 ng
RT: 7.316 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion: 70 Resp: 408301

Ion	Ratio	Lower	Upper
70	100		
42	61.3	50.6	75.8
101	9.5	7.5	11.3
130	19.8	16.1	24.1

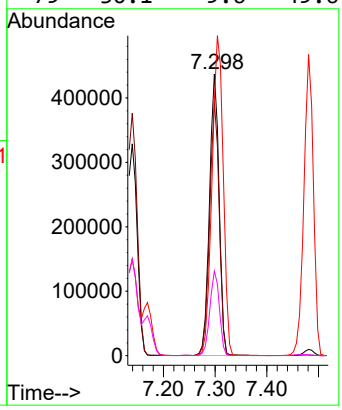




#20
3+4-Methylphenols
Concen: 73.735 ng
RT: 7.298 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:107 Resp: 56551

Ion	Ratio	Lower	Upper
107	100		
108	90.2	71.1	111.1
77	90.6	62.5	102.5
79	30.1	9.6	49.6



Instrument :
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ClientSampleId :
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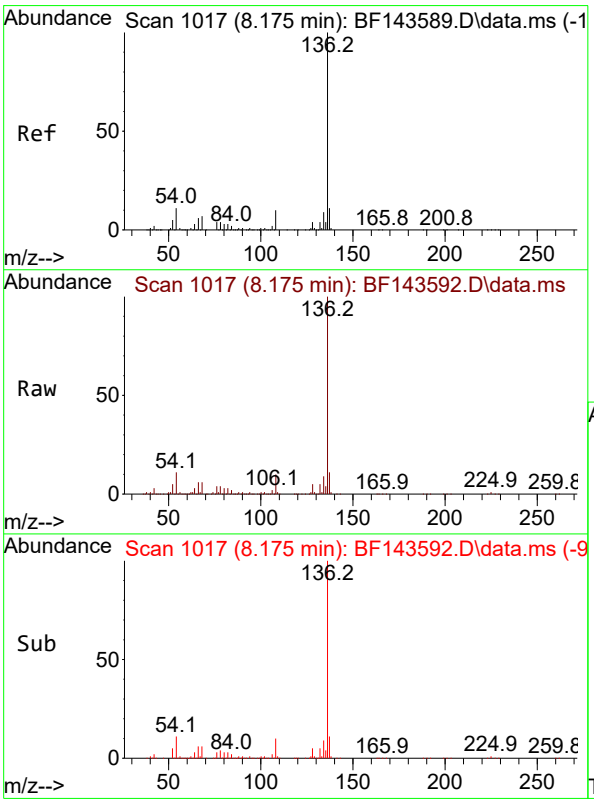
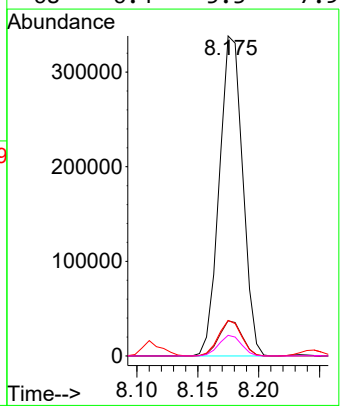
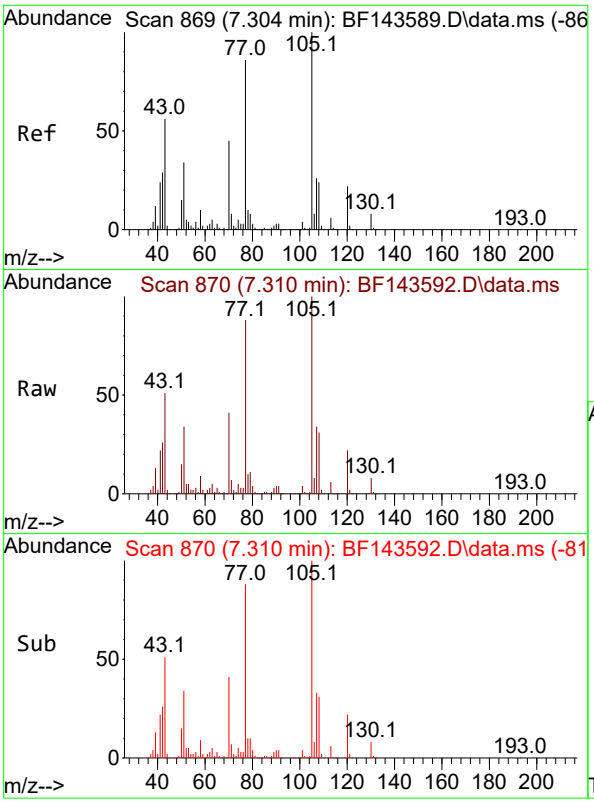


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:136 Resp: 451335

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	11.1	9.0	13.6
68	6.4	5.3	7.9

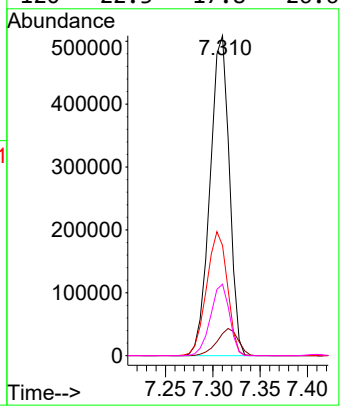




#22
Acetophenone
Concen: 70.872 ng
RT: 7.310 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:105 Resp: 72036

Ion	Ratio	Lower	Upper
105	100		
71	6.9	6.0	9.0
51	34.4	27.0	40.6
120	22.3	17.8	26.6



Instrument :
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ClientSampleId :
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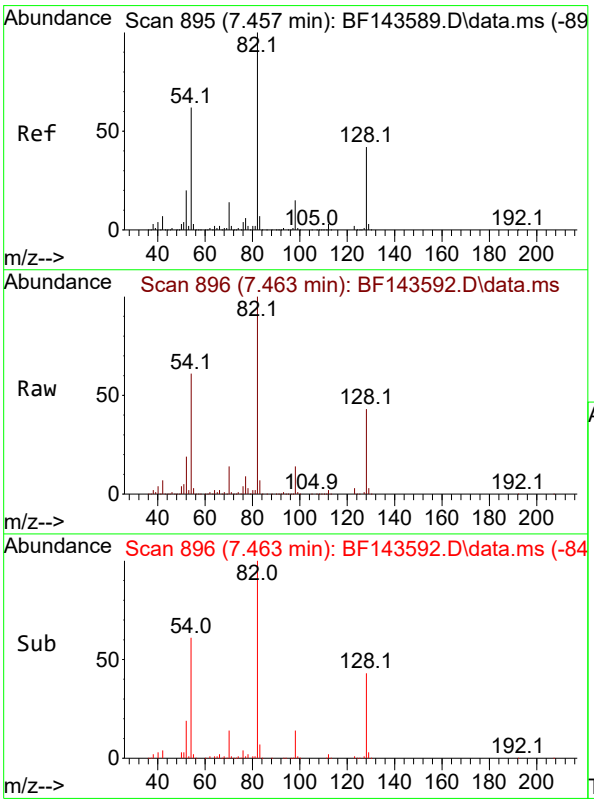
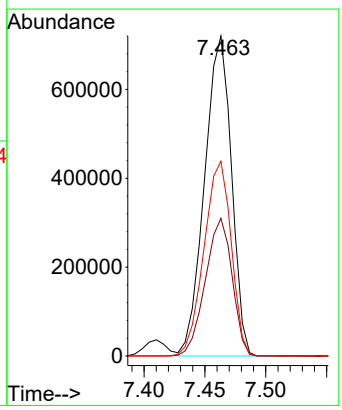
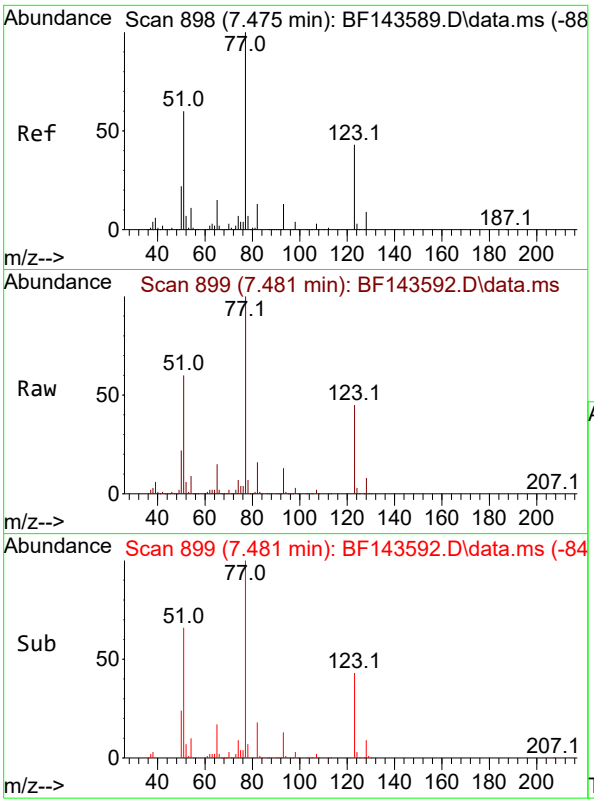


#23
Nitrobenzene-d5
Concen: 175.236 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion: 82 Resp: 1107689

Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.4	50.2
54	60.9	49.3	73.9





#24
Nitrobenzene
Concen: 88.076 ng
RT: 7.481 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion: 77 Resp: 59688

Ion	Ratio	Lower	Upper
77	100		
123	44.6	34.9	52.3
65	14.8	12.0	18.0

Instrument :
BNA_F
ClientSampleId :
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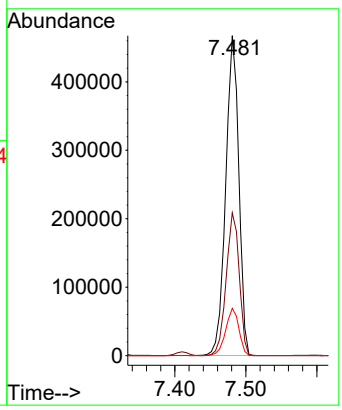
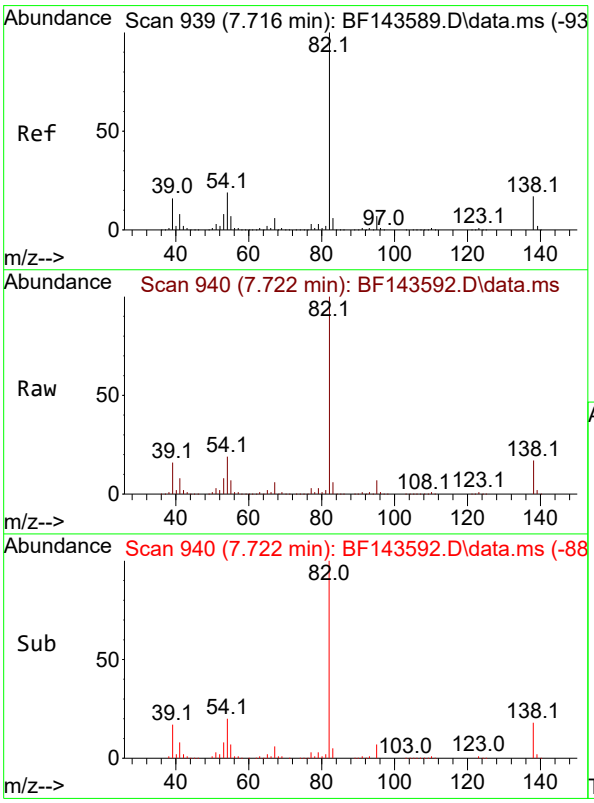
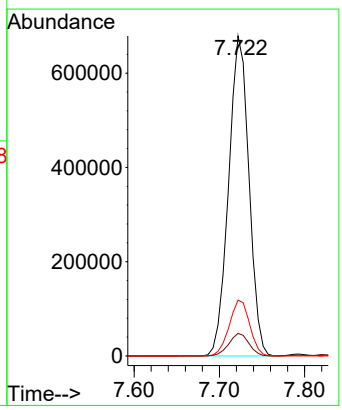


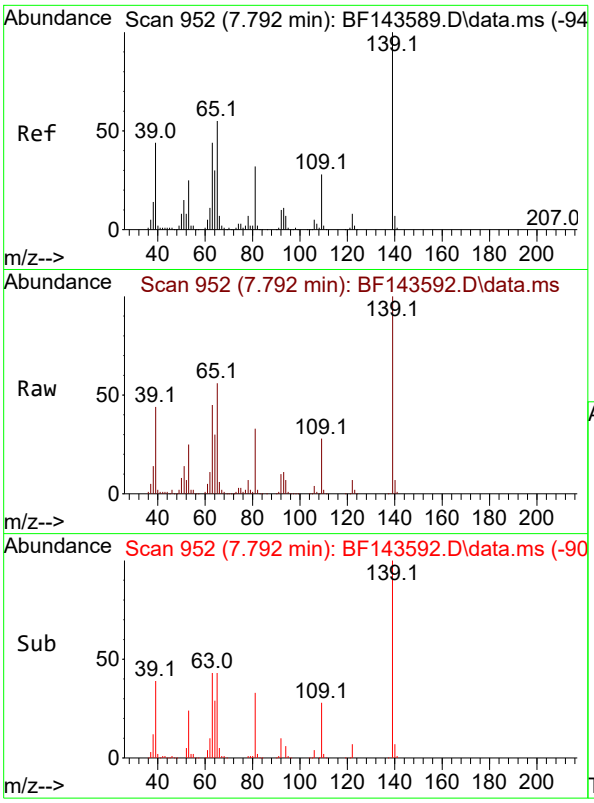


#25
Isophorone
Concen: 76.066 ng
RT: 7.722 min Scan# 940
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion: 82 Resp: 1125213

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.5	8.3
138	17.5	13.8	20.8

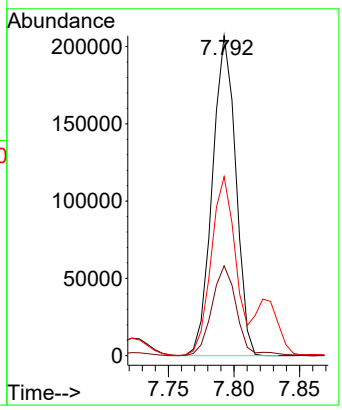




#26
2-Nitrophenol
Concen: 77.706 ng
RT: 7.792 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:139 Resp: 25643

Ion	Ratio	Lower	Upper
139	100		
109	28.1	22.3	33.5
65	55.9	44.0	66.0



Instrument :
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ClientSampleId :
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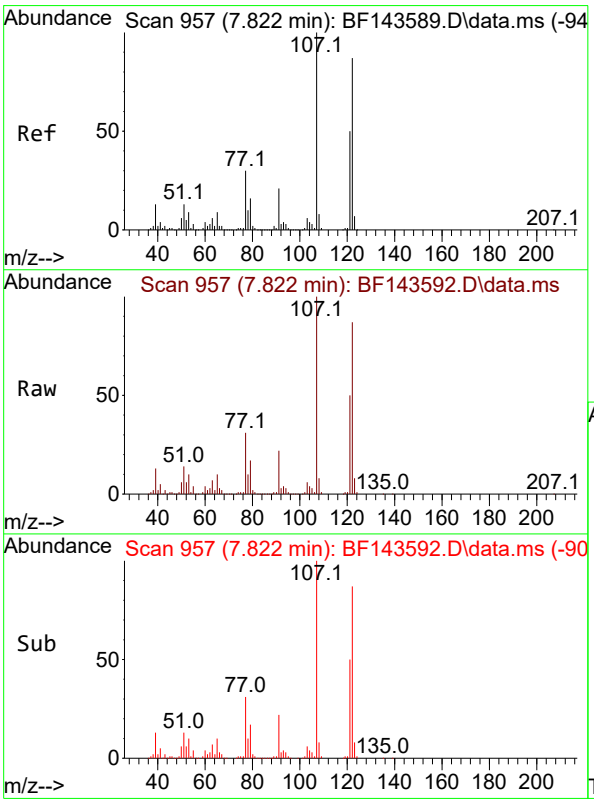
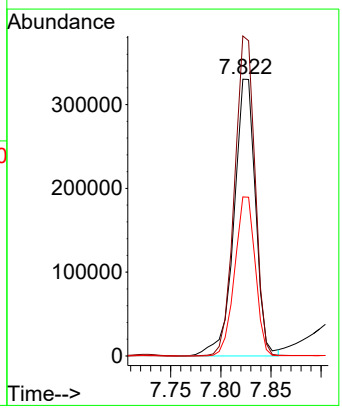
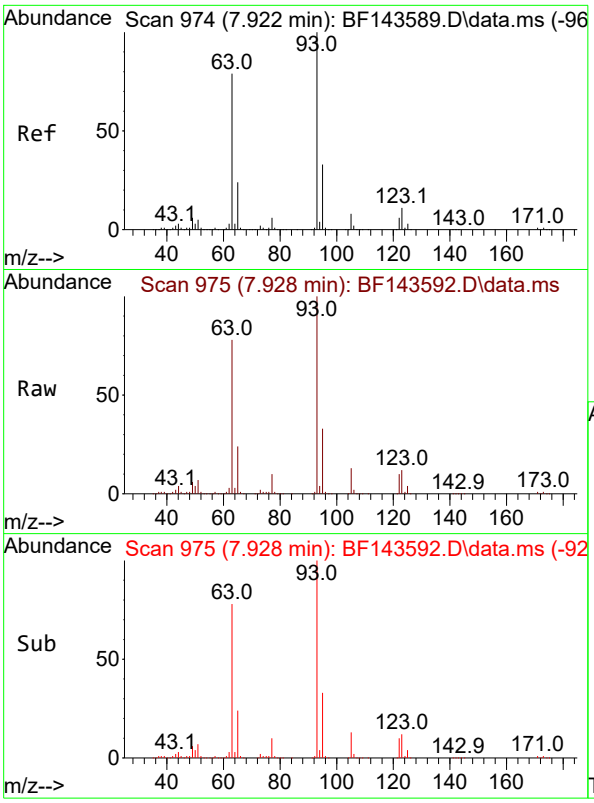


#27
2,4-Dimethylphenol
Concen: 76.828 ng
RT: 7.822 min Scan# 957
Delta R.T. 0.000 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:122 Resp: 494480

Ion	Ratio	Lower	Upper
122	100		
107	115.6	92.1	138.1
121	57.5	46.2	69.4

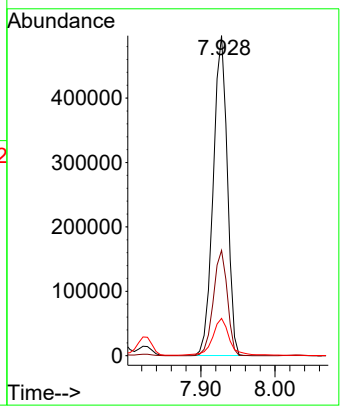




#28
bis(2-Chloroethoxy)methane
Concen: 73.209 ng
RT: 7.928 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion: 93 Resp: 65521

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.2
123	11.7	9.3	13.9



Instrument :
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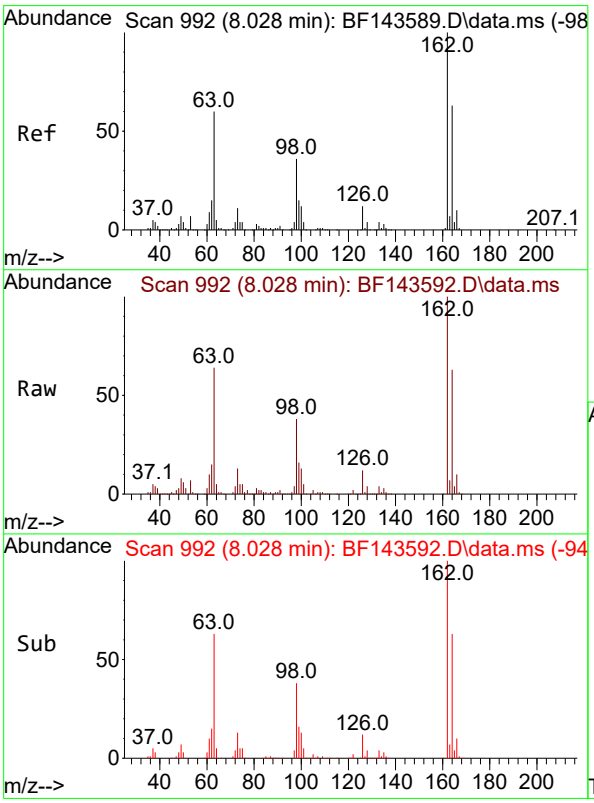
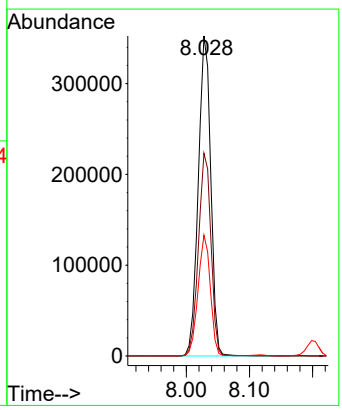
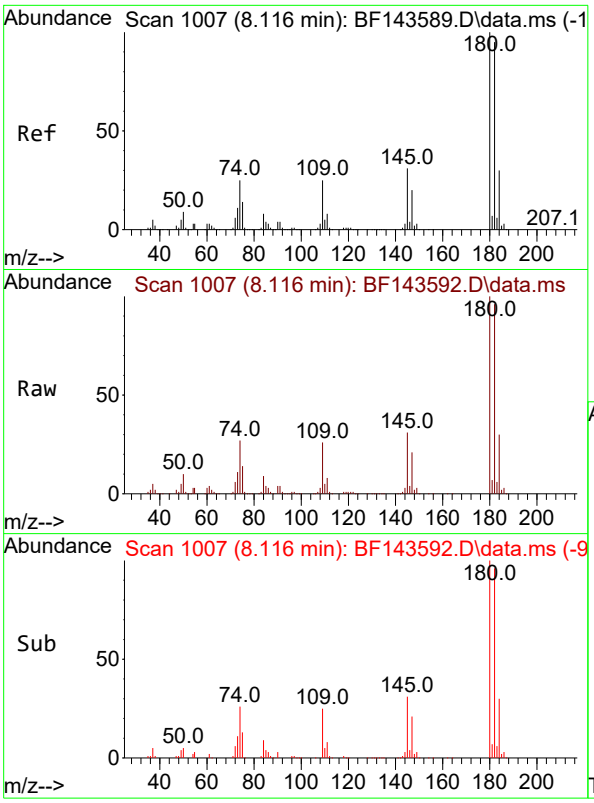


#29
2,4-Dichlorophenol
Concen: 78.188 ng
RT: 8.028 min Scan# 992
Delta R.T. 0.000 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:162 Resp: 484857

Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.3	83.3
98	37.7	16.1	56.1





#30
1,2,4-Trichlorobenzene
Concen: 73.269 ng
RT: 8.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:180 Resp: 474389

Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.8	113.6
145	30.7	24.5	36.7

Instrument :
BNA_F
ClientSampleId :
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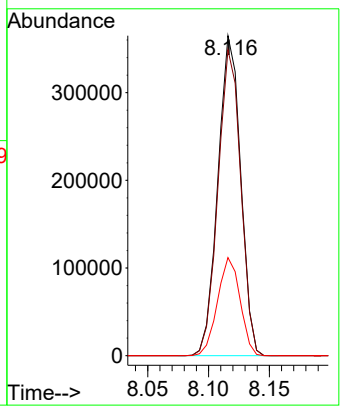
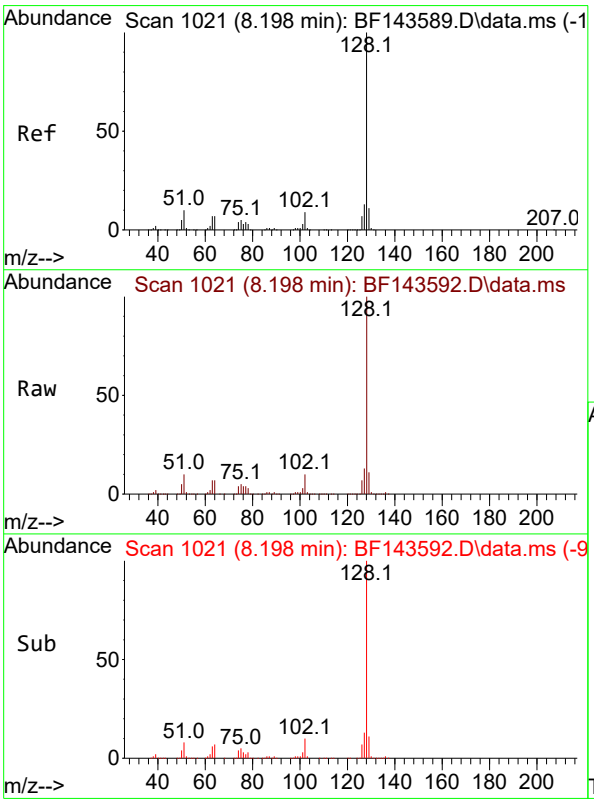
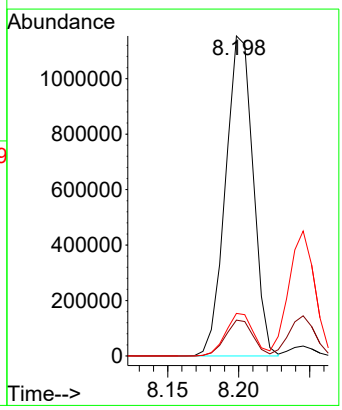


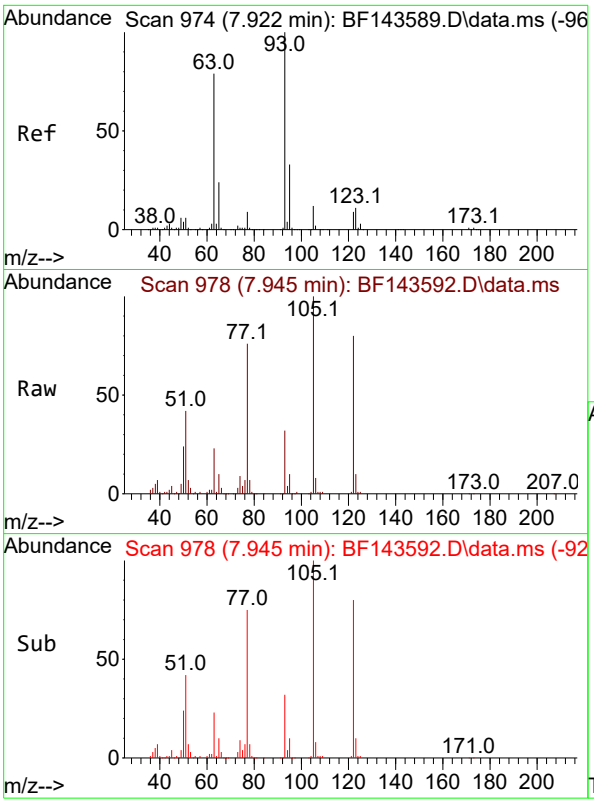


#31
Naphthalene
Concen: 71.189 ng
RT: 8.198 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:128 Resp: 1552362

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.3	10.6	15.8

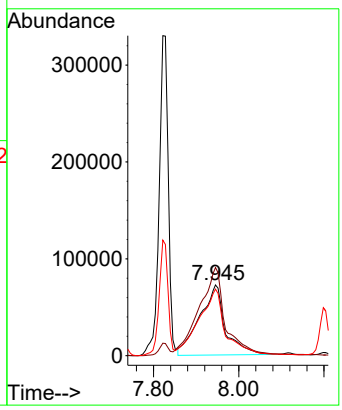




#32
Benzoic acid
Concen: 77.933 ng
RT: 7.945 min Scan# 9
Delta R.T. 0.023 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:122 Resp: 30337

Ion	Ratio	Lower	Upper
122	100		
105	124.7	106.4	146.4
77	94.2	79.3	119.3



Instrument :
BNA_F
ClientSampleId :
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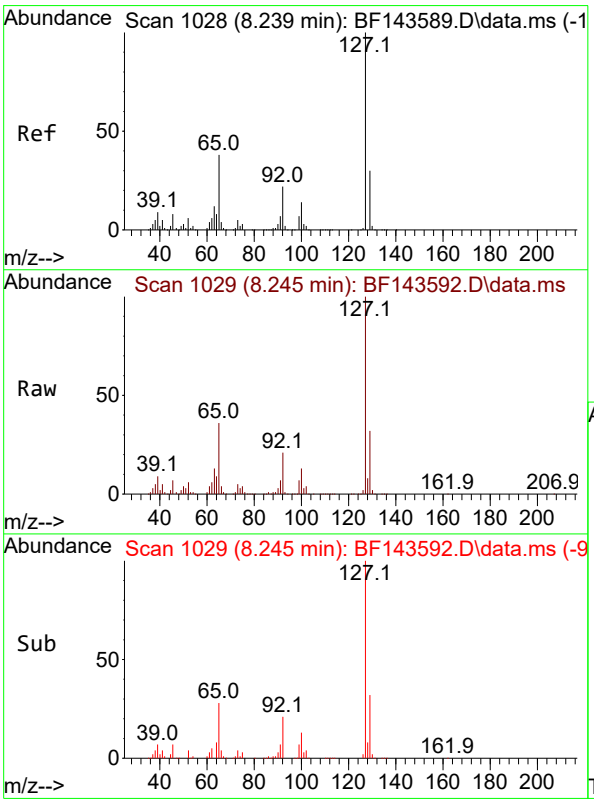
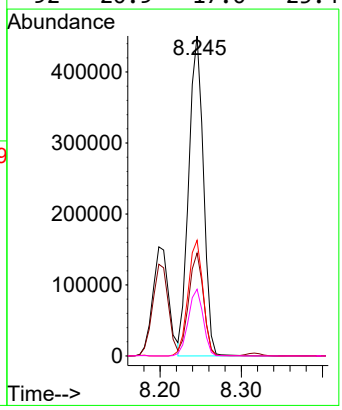
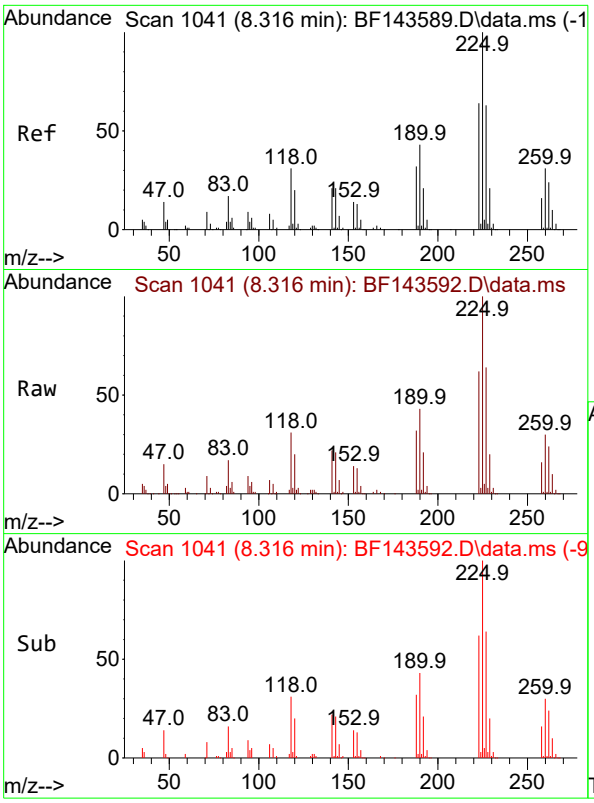


#33
4-Chloroaniline
Concen: 73.930 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:127 Resp: 569536

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.6
65	36.2	29.7	44.5
92	20.9	17.0	25.4





#34
Hexachlorobutadiene
Concen: 73.111 ng
RT: 8.316 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:225 Resp: 29828

Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.8	76.2
227	64.1	50.6	76.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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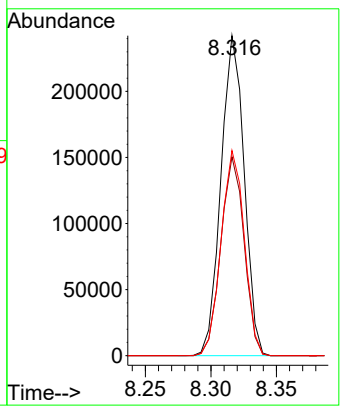
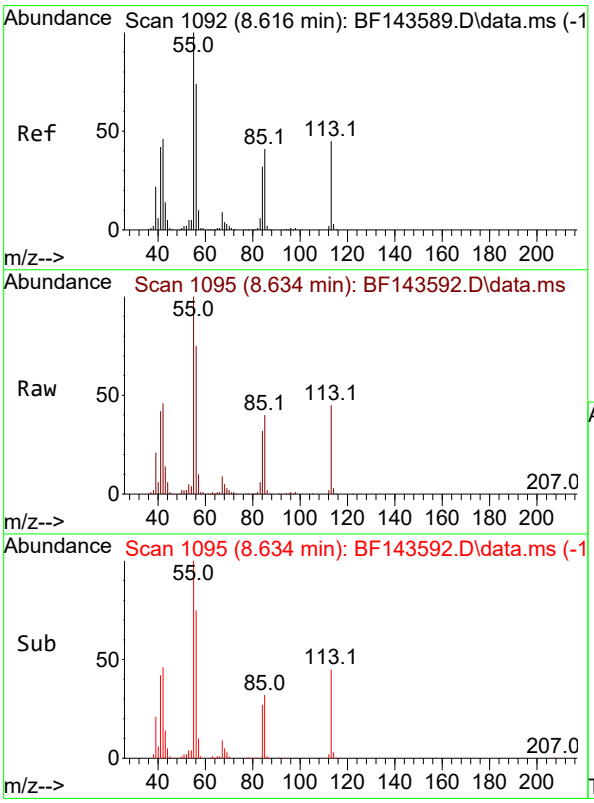
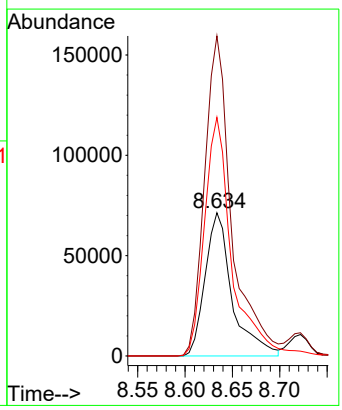


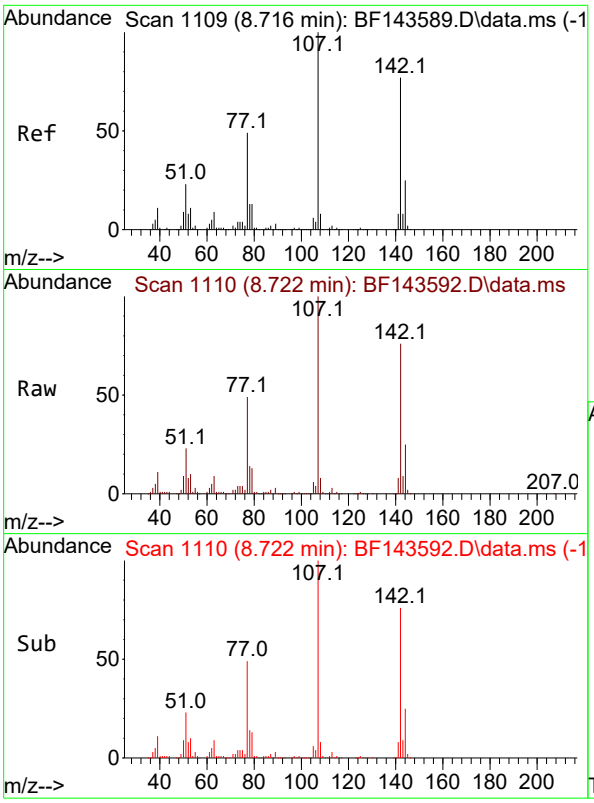


#35
Caprolactam
Concen: 80.224 ng
RT: 8.634 min Scan# 1095
Delta R.T. 0.018 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:113 Resp: 141333

Ion	Ratio	Lower	Upper
113	100		
55	223.4	202.1	242.1
56	166.5	145.4	185.4





#36
4-Chloro-3-methylphenol
Concen: 77.525 ng
RT: 8.722 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:107 Resp: 502609

Ion	Ratio	Lower	Upper
107	100		
144	24.6	19.8	29.6
142	76.0	61.7	92.5

Instrument :
BNA_F
ClientSampleId :
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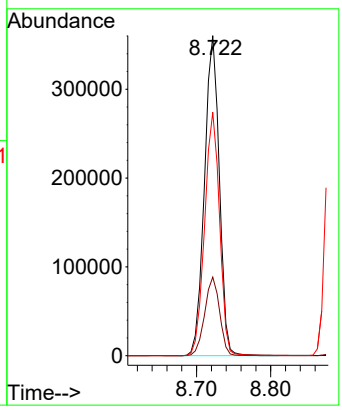
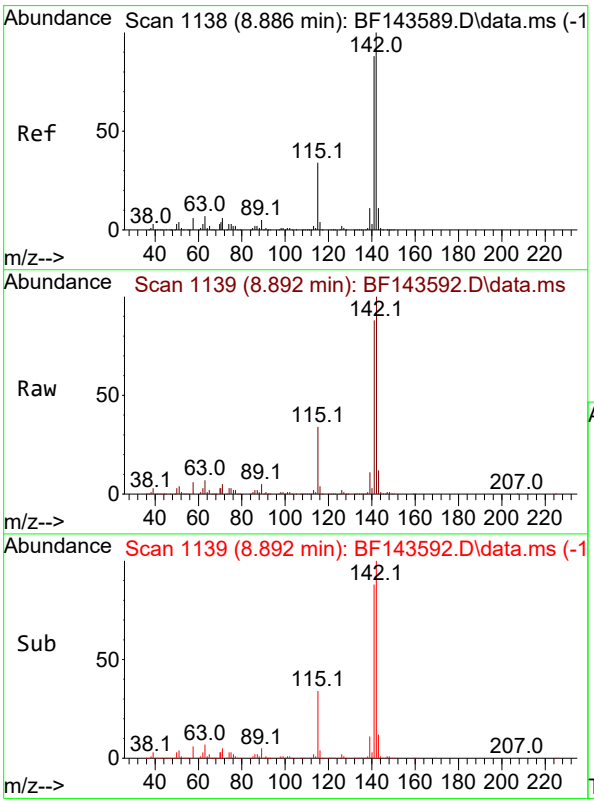
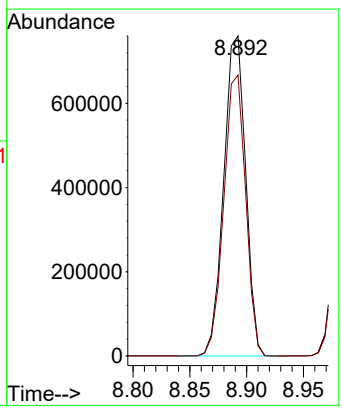


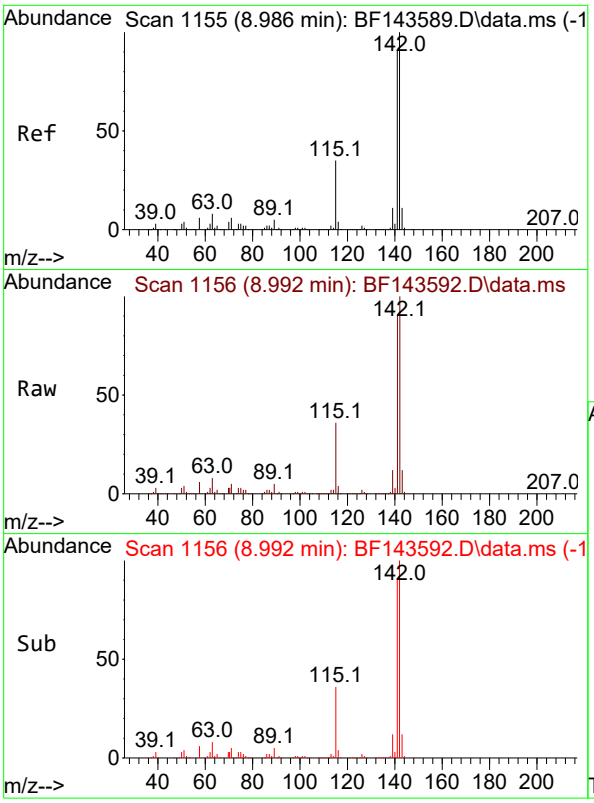


#37
2-Methylnaphthalene
Concen: 70.812 ng
RT: 8.892 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:142 Resp: 1019745

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.2	105.4

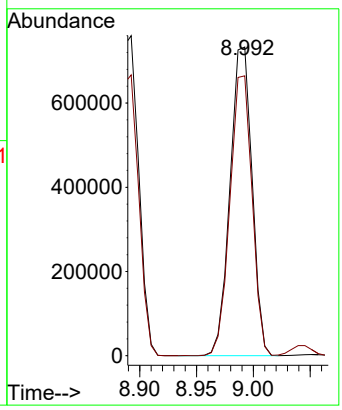




#38
1-Methylnaphthalene
Concen: 71.190 ng
RT: 8.992 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:142 Resp: 98941

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.6	109.0



Instrument :
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ClientSampleId :
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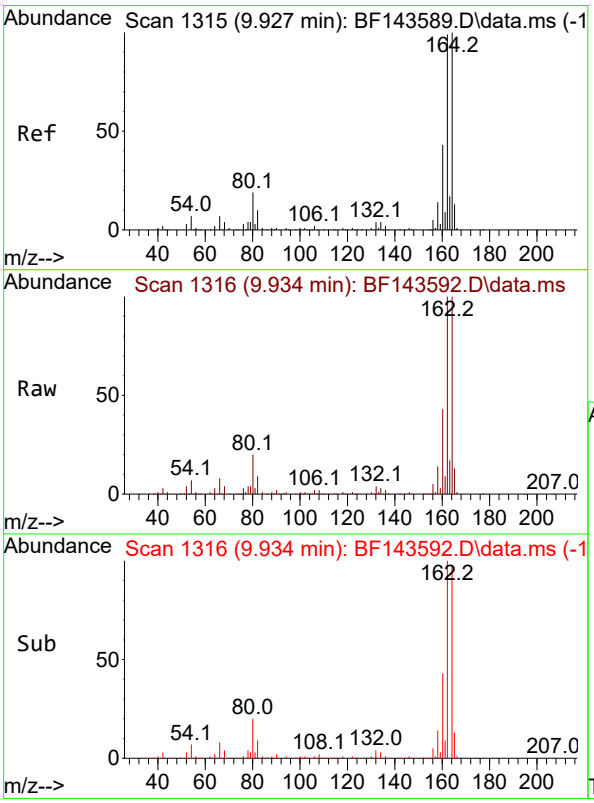
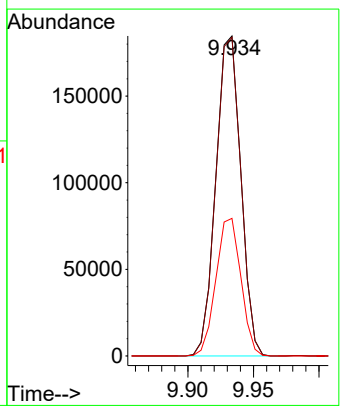
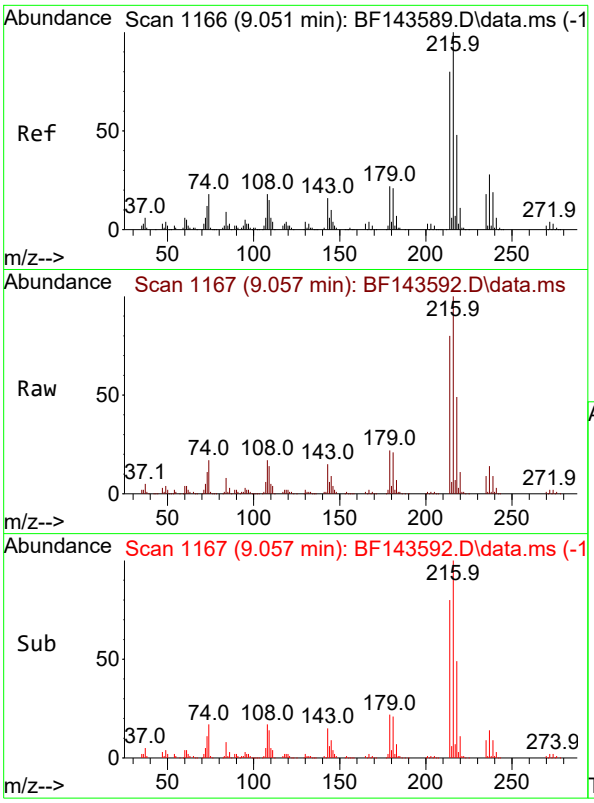


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1316
Delta R.T. 0.007 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:164 Resp: 244563

Ion	Ratio	Lower	Upper
164	100		
162	99.6	79.5	119.3
160	43.0	34.2	51.4

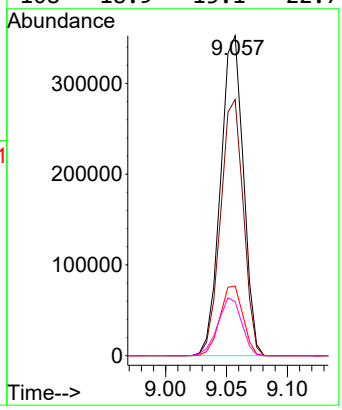




#40
1,2,4,5-Tetrachlorobenzene
Concen: 72.274 ng
RT: 9.057 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:216 Resp: 45975

Ion	Ratio	Lower	Upper
216	100		
214	79.9	64.1	96.1
179	22.0	17.4	26.0
108	18.9	15.1	22.7



Instrument :
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ClientSampleId :
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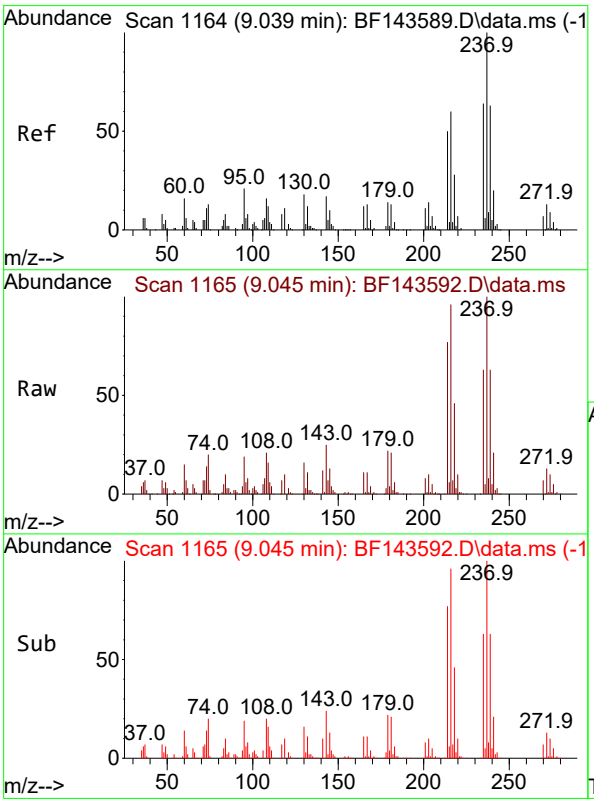
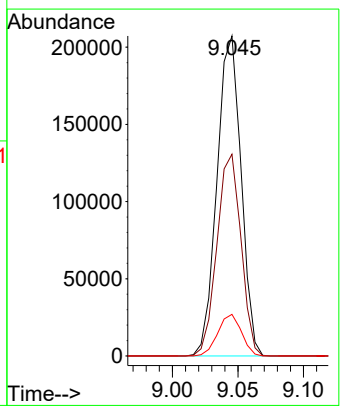
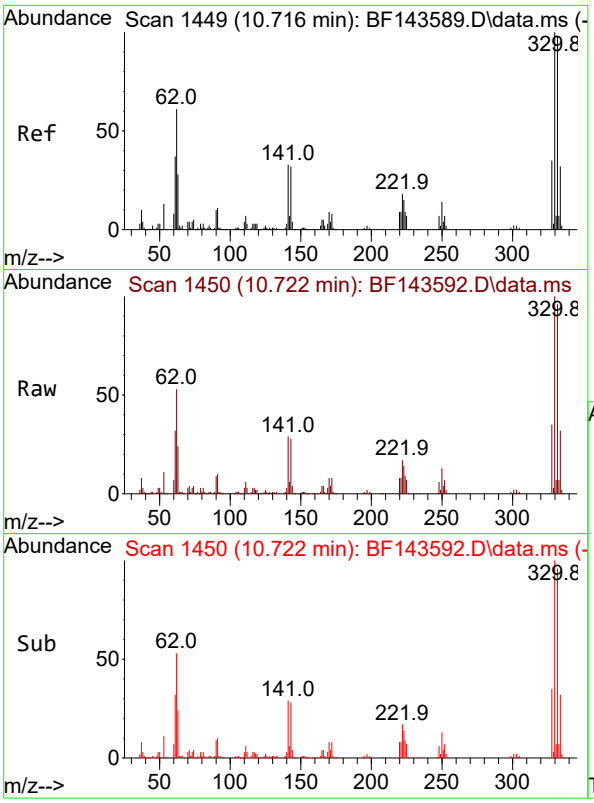


#41
Hexachlorocyclopentadiene
Concen: 84.541 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:237 Resp: 264562

Ion	Ratio	Lower	Upper
237	100		
235	63.1	43.8	83.8
272	13.0	0.0	32.8

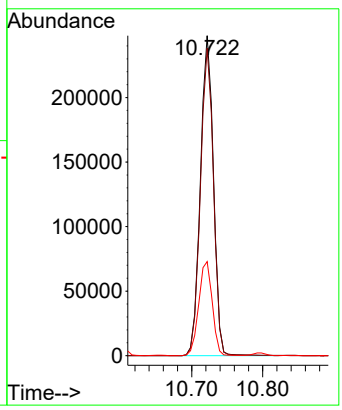




#42
2,4,6-Tribromophenol
Concen: 166.117 ng
RT: 10.722 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:330 Resp: 31770

Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.2	117.4
141	30.4	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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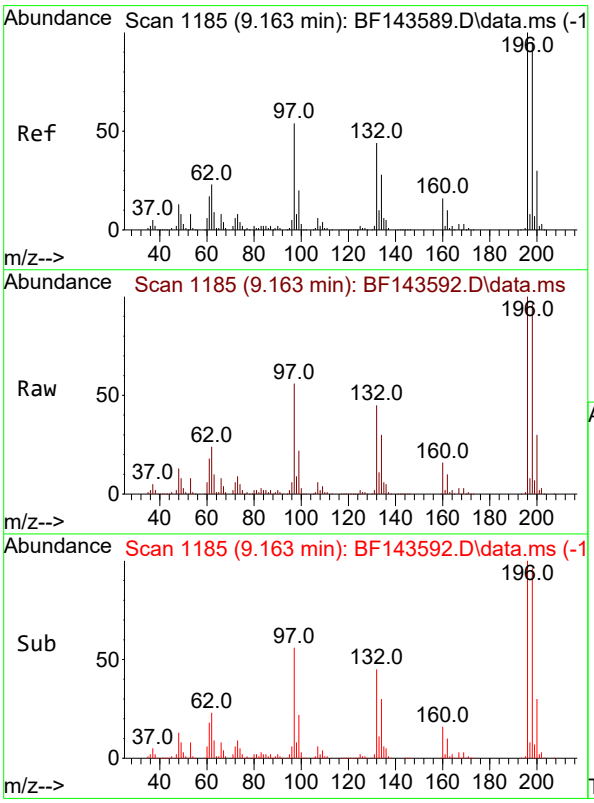
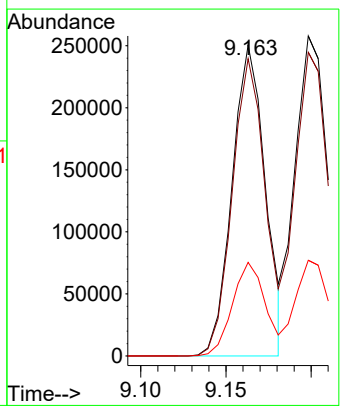
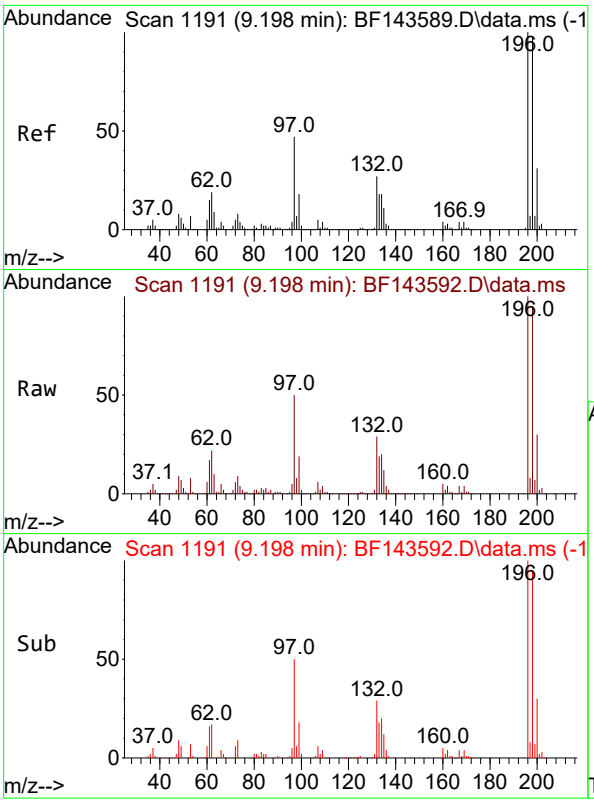


#43
2,4,6-Trichlorophenol
Concen: 80.915 ng
RT: 9.163 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:196 Resp: 340126

Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.8	113.6
200	30.1	24.2	36.4

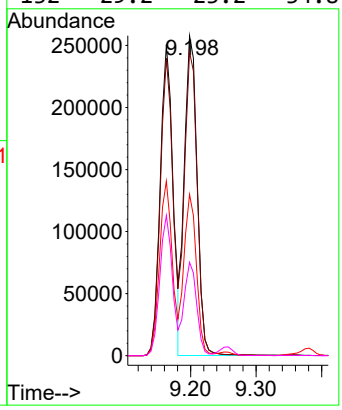




#44
2,4,5-Trichlorophenol
Concen: 82.338 ng
RT: 9.198 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:196 Resp: 34973

Ion	Ratio	Lower	Upper
196	100		
198	94.9	77.0	115.6
97	50.4	39.3	58.9
132	29.2	23.2	34.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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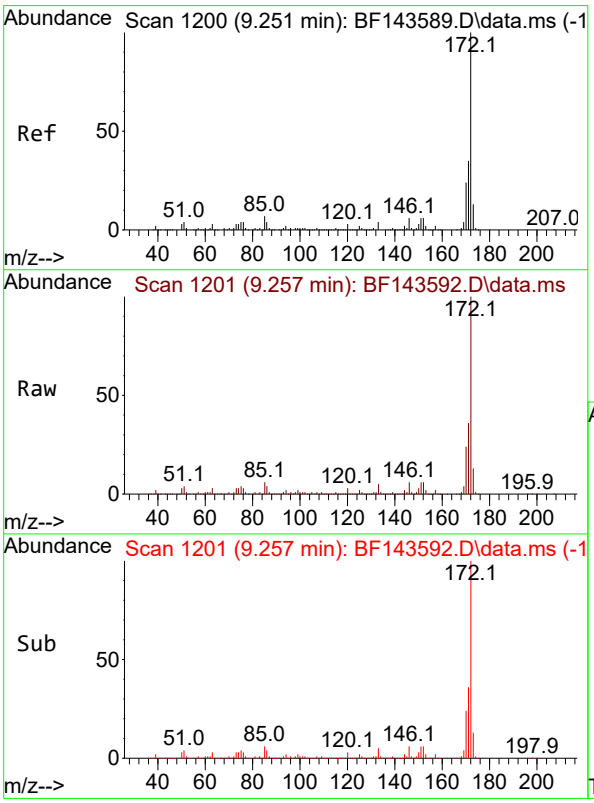
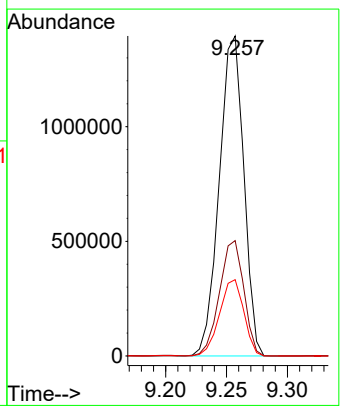
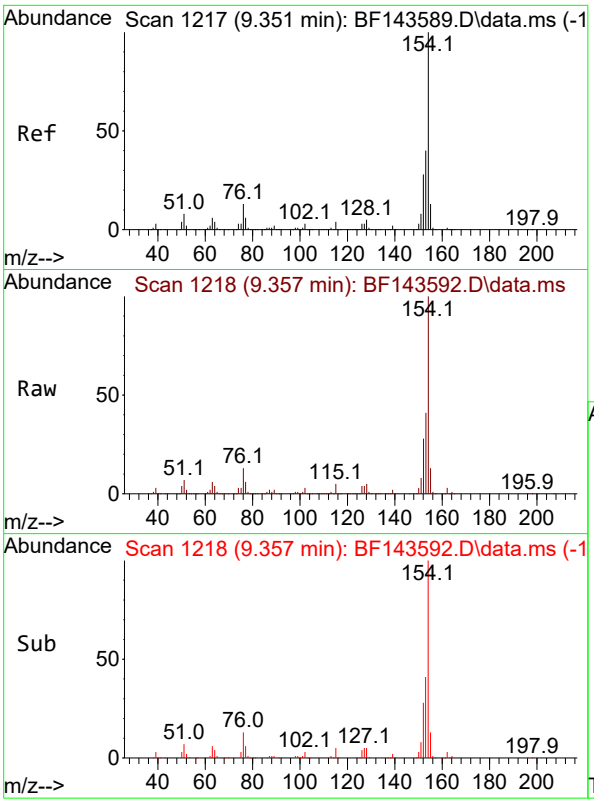


#45
2-Fluorobiphenyl
Concen: 136.946 ng
RT: 9.257 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:172 Resp: 1958863

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.3	42.5
170	23.9	19.0	28.4

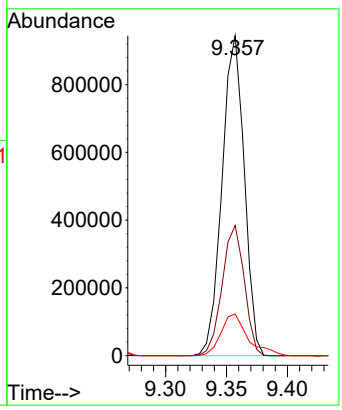




#46
1,1'-Biphenyl
Concen: 70.653 ng
RT: 9.357 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:154 Resp: 119895

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.1	60.1
76	13.0	0.0	33.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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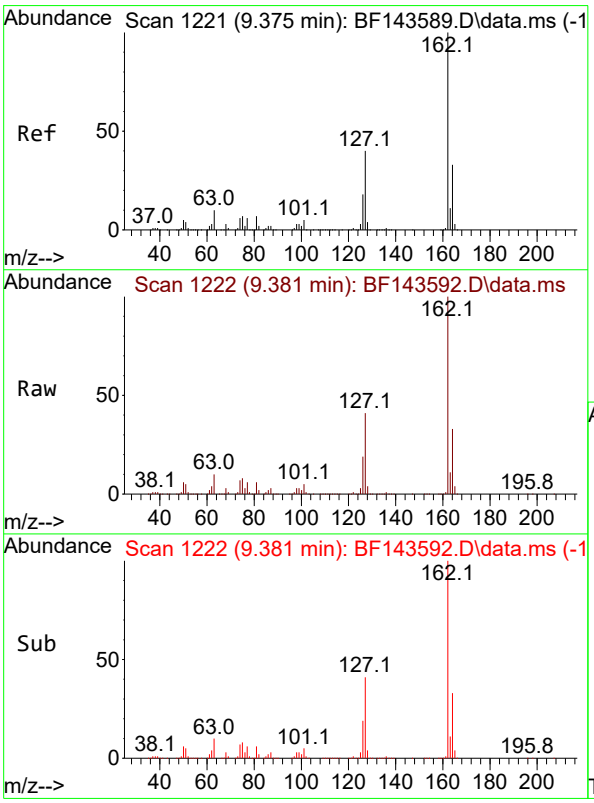
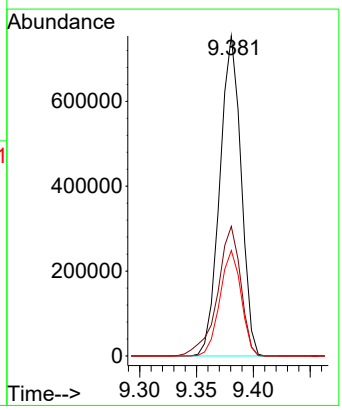
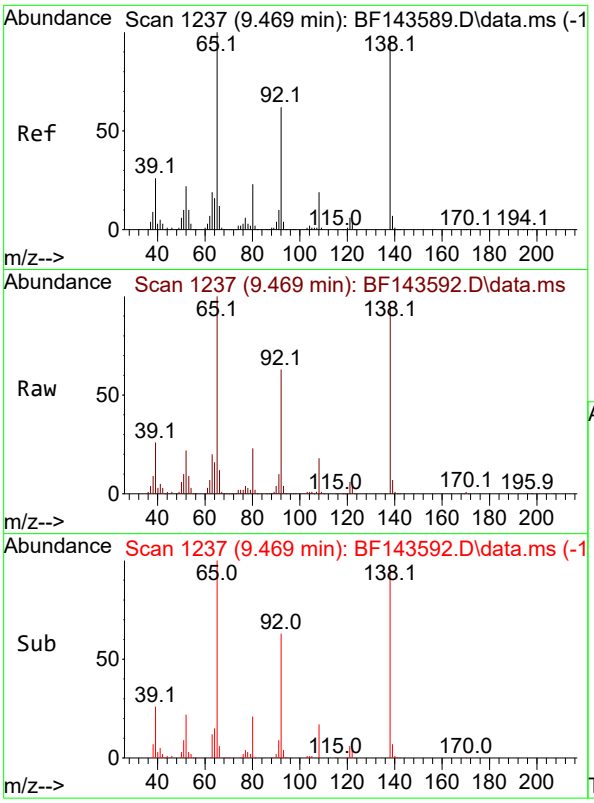


#47
2-Chloronaphthalene
Concen: 73.243 ng
RT: 9.381 min Scan# 1222
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:162 Resp: 981816

Ion	Ratio	Lower	Upper
162	100		
127	40.5	32.6	48.8
164	33.0	26.1	39.1





#48
2-Nitroaniline
Concen: 80.435 ng
RT: 9.469 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion: 65 Resp: 31137

Ion	Ratio	Lower	Upper
65	100		
92	62.9	49.6	74.4
138	95.1	78.6	118.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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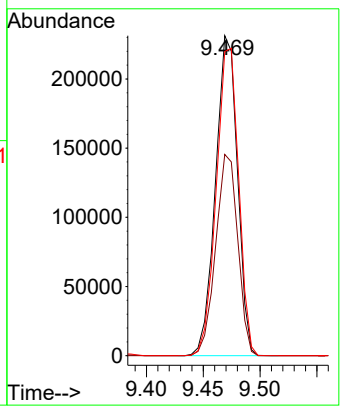
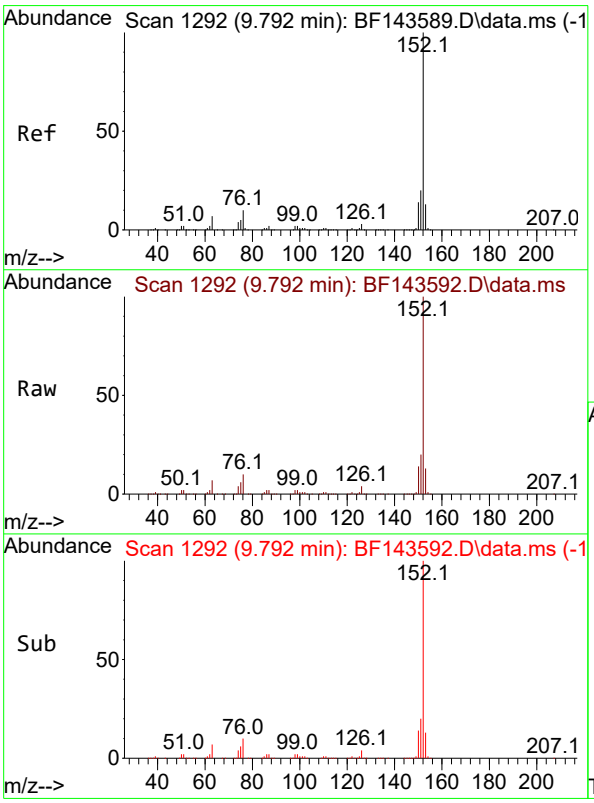
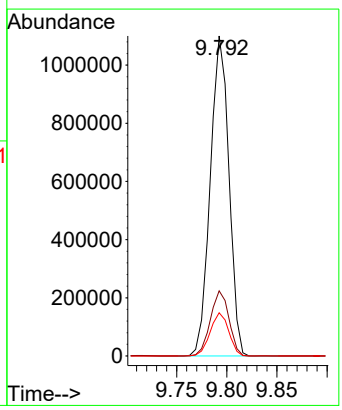


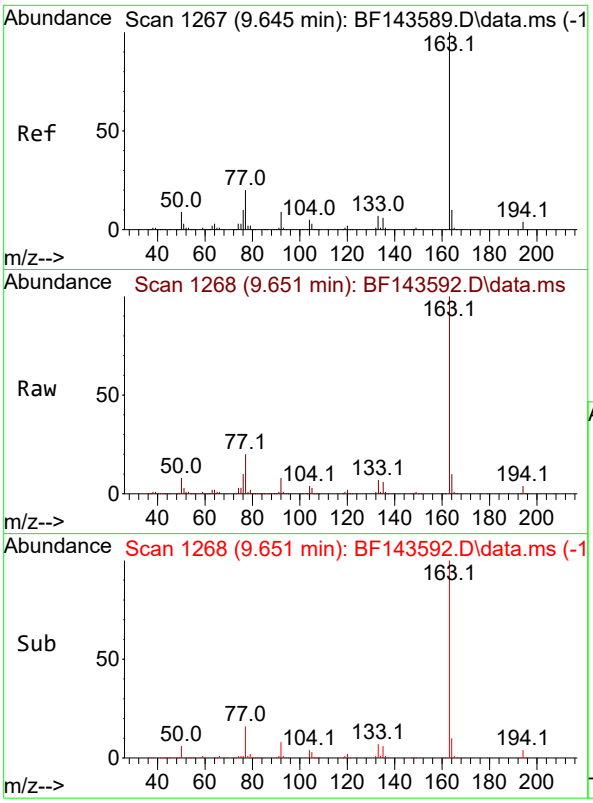


#49
Acenaphthylene
Concen: 72.778 ng
RT: 9.792 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:152 Resp: 1419464

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	13.5	10.6	15.8





#50
Dimethylphthalate
Concen: 74.604 ng
RT: 9.651 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:163 Resp: 112226

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.3	8.4	12.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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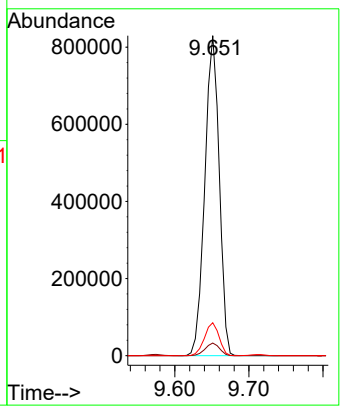
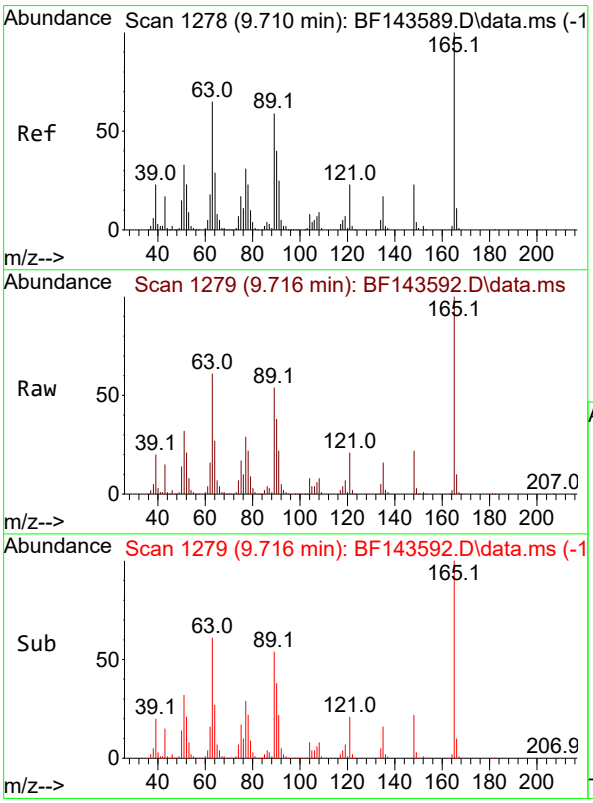
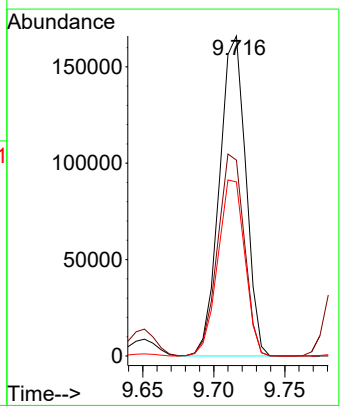


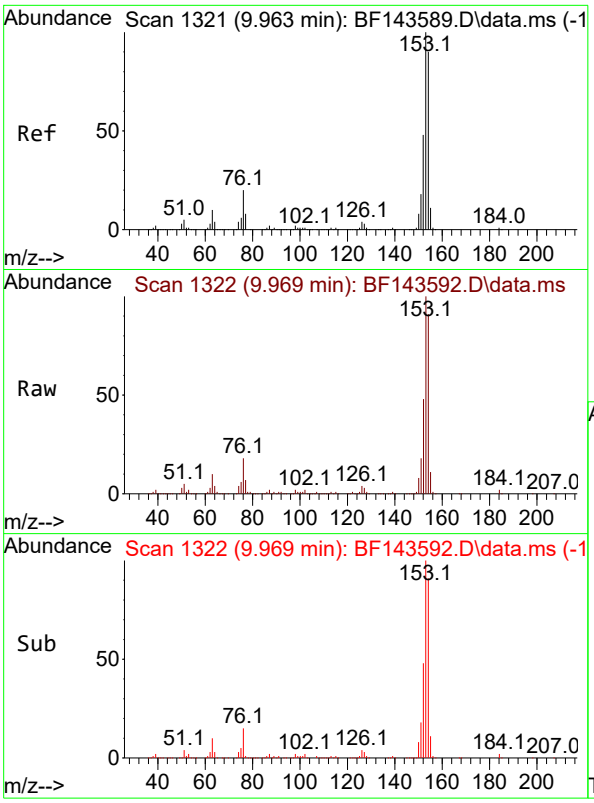


#51
2,6-Dinitrotoluene
Concen: 81.094 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:165 Resp: 214146

Ion	Ratio	Lower	Upper
165	100		
63	61.2	51.8	77.6
89	54.4	47.4	71.2

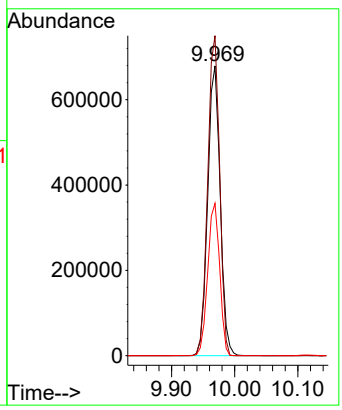




#52
Acenaphthene
Concen: 72.943 ng
RT: 9.969 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:154 Resp: 93190

Ion	Ratio	Lower	Upper
154	100		
153	110.4	89.0	133.4
152	52.6	42.9	64.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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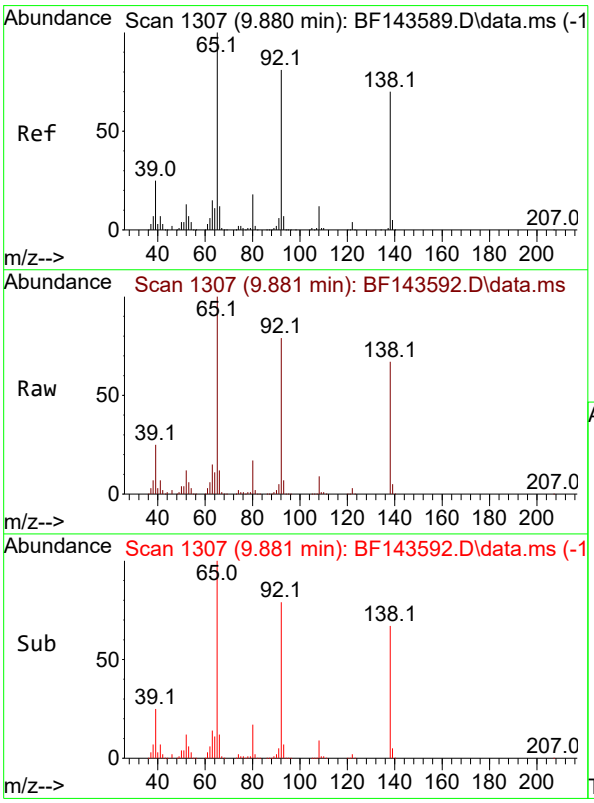
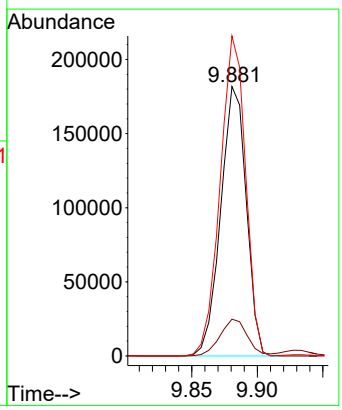
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

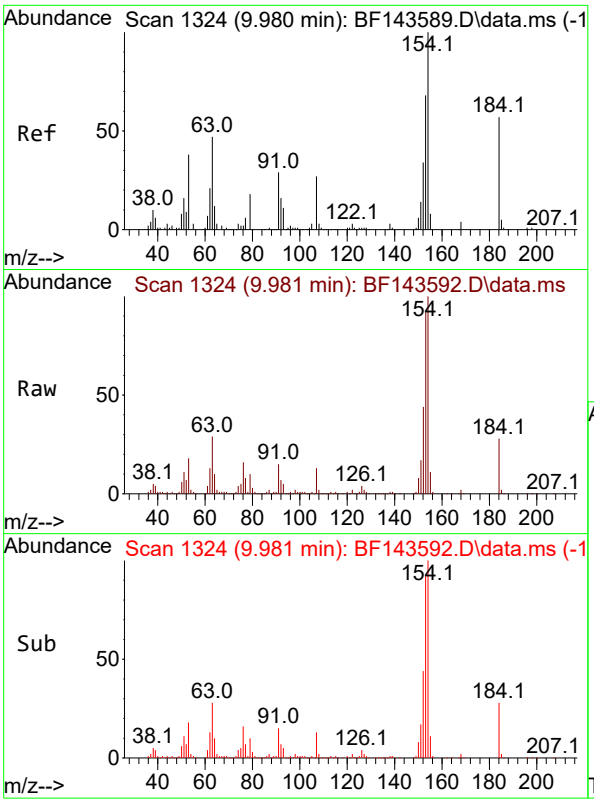


#53
3-Nitroaniline
Concen: 79.514 ng
RT: 9.881 min Scan# 1307
Delta R.T. 0.001 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:138 Resp: 245946

Ion	Ratio	Lower	Upper
138	100		
108	13.7	13.8	20.8#
92	118.8	92.6	139.0





#54
2,4-Dinitrophenol
Concen: 78.176 ng
RT: 9.981 min Scan# 1
Delta R.T. 0.001 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:184 Resp: 7914

Ion	Ratio	Lower	Upper
184	100		
63	101.8	80.9	121.3
154	355.6	262.0	393.0

Instrument :
BNA_F
ClientSampleId :
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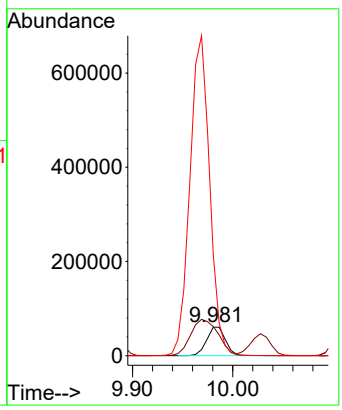
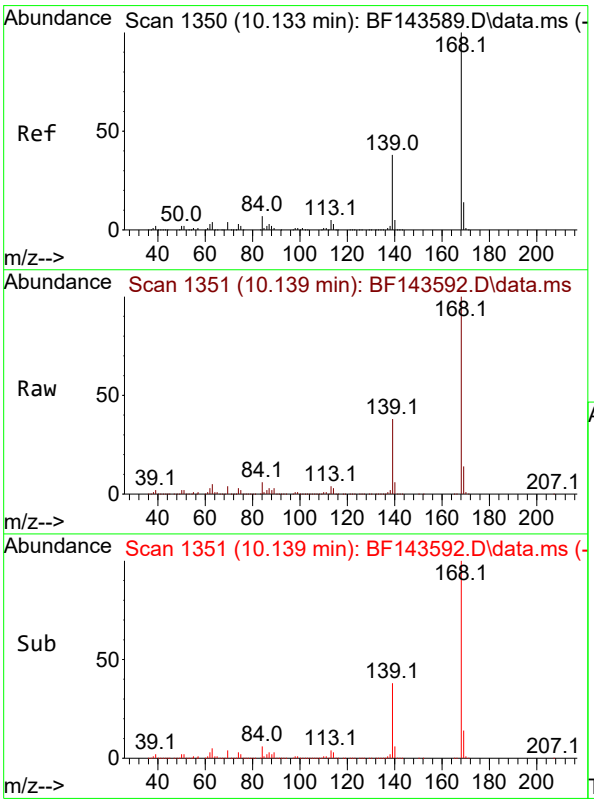
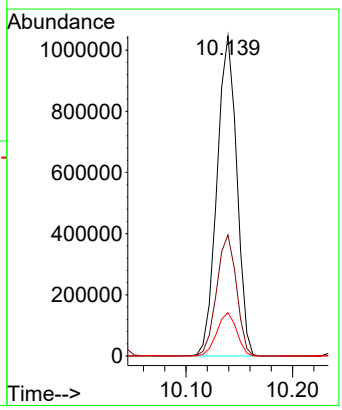


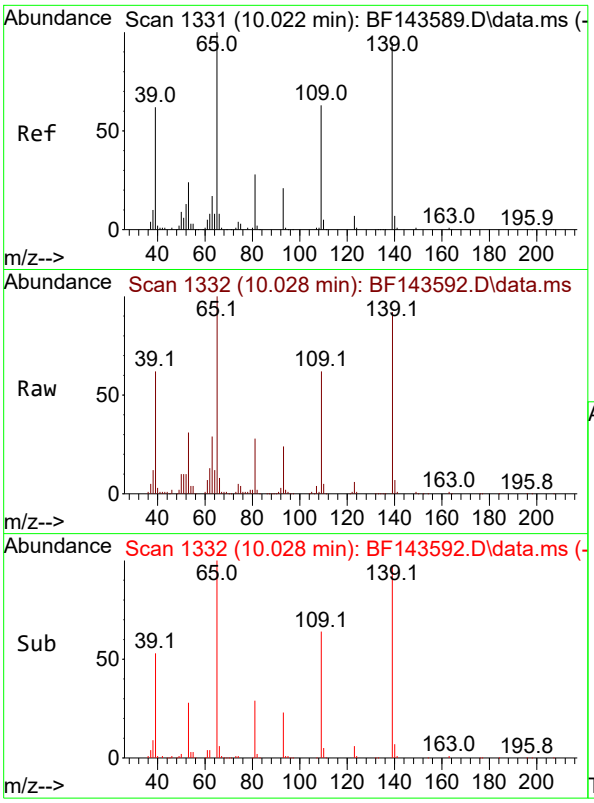


#55
Dibenzofuran
Concen: 72.033 ng
RT: 10.139 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:168 Resp: 1349245

Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.6	46.0
169	13.5	10.9	16.3

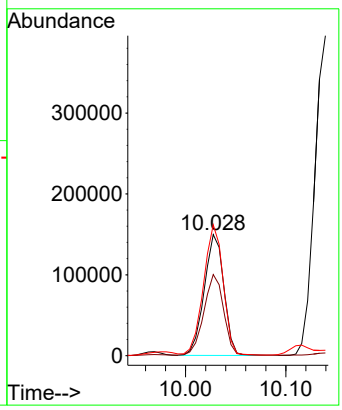




#56
4-Nitrophenol
Concen: 78.994 ng
RT: 10.028 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:139 Resp: 20432

Ion	Ratio	Lower	Upper
139	100		
109	67.0	47.3	87.3
65	108.2	86.8	126.8



Instrument :
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ClientSampleId :
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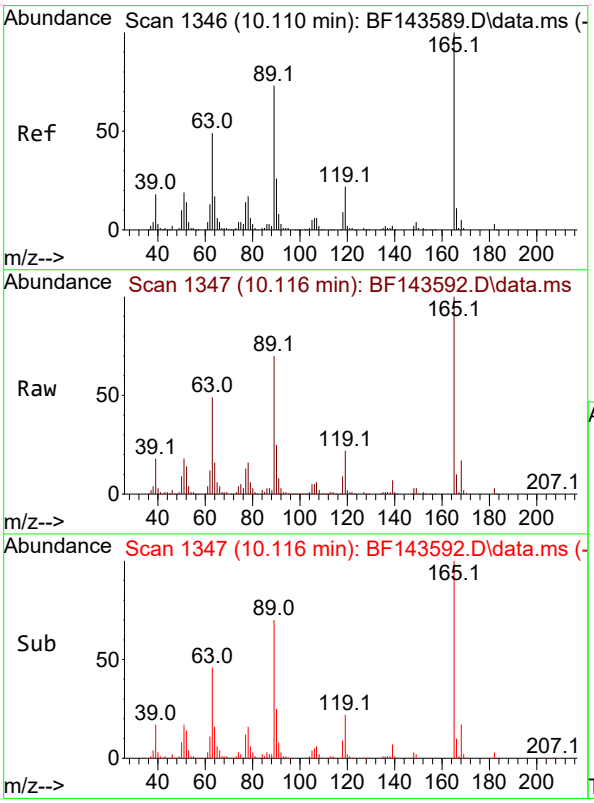
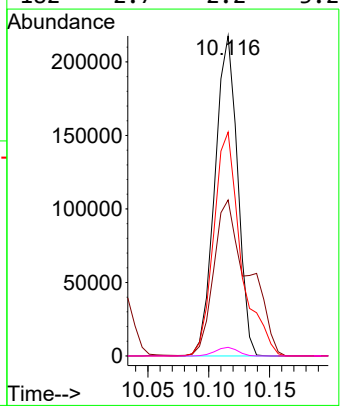
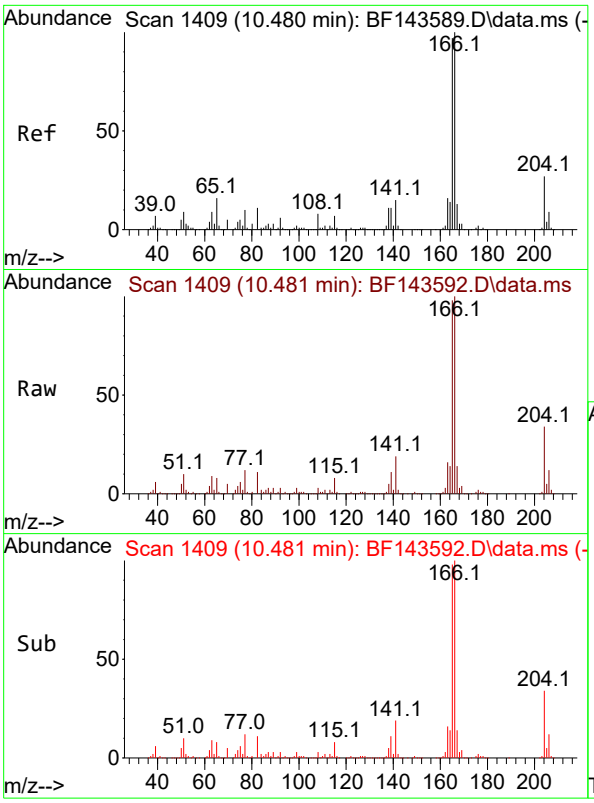


#57
2,4-Dinitrotoluene
Concen: 81.433 ng
RT: 10.116 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:165 Resp: 282664

Ion	Ratio	Lower	Upper
165	100		
63	48.7	39.5	59.3
89	70.0	58.1	87.1
182	2.7	2.2	3.2

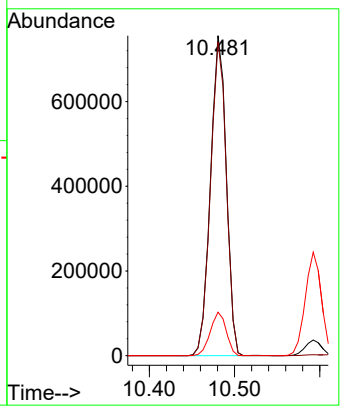




#58
Fluorene
Concen: 69.728 ng
RT: 10.481 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:166 Resp: 98060

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.7	116.5
167	13.6	10.6	15.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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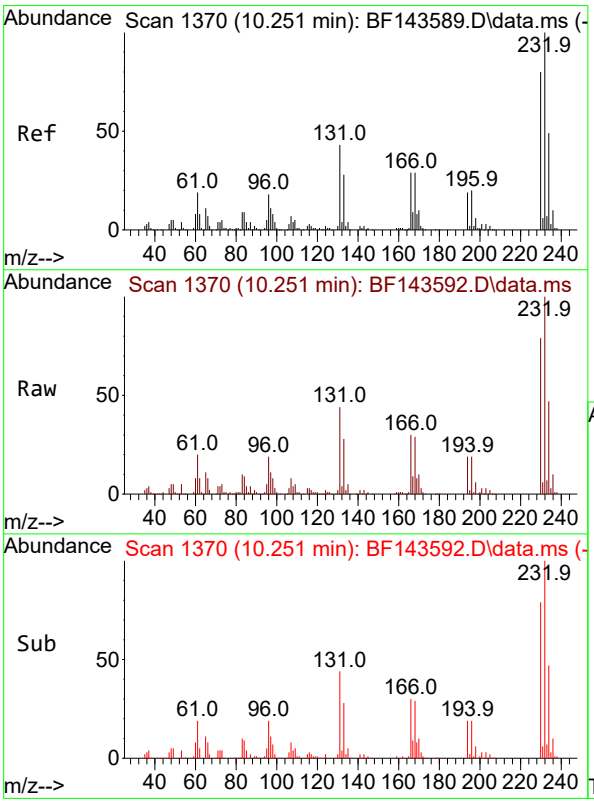
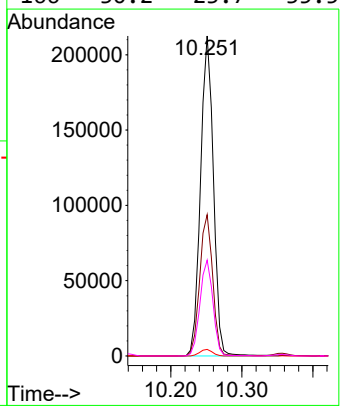
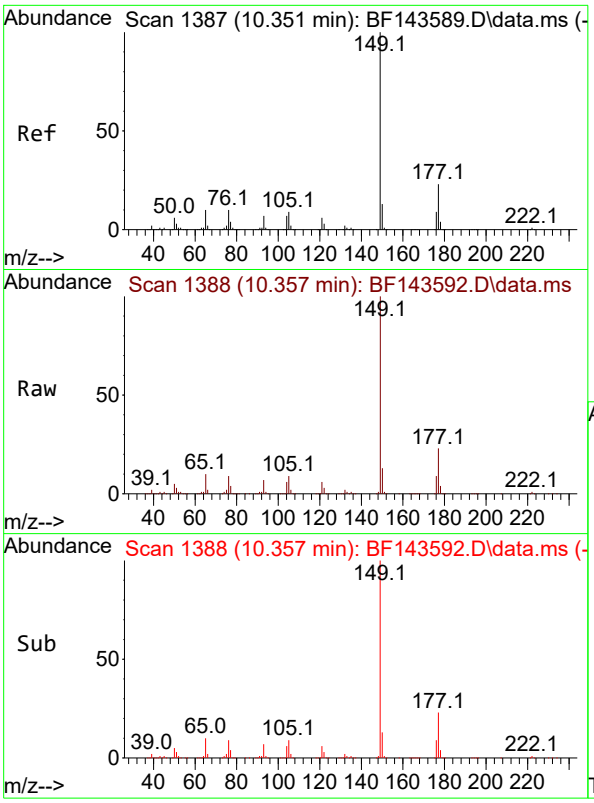


#59
2,3,4,6-Tetrachlorophenol
Concen: 85.747 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:232 Resp: 269270

Ion	Ratio	Lower	Upper
232	100		
131	44.5	35.9	53.9
130	2.0	1.8	2.8
166	30.2	23.7	35.5

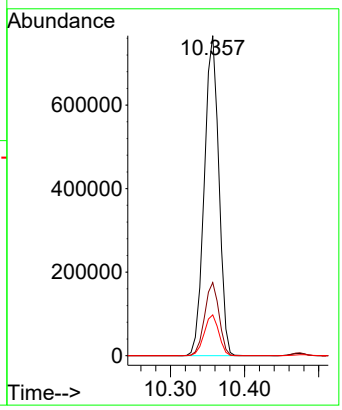




#60
Diethylphthalate
Concen: 74.130 ng
RT: 10.357 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:149 Resp: 104503

Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.1	27.1
150	12.8	10.1	15.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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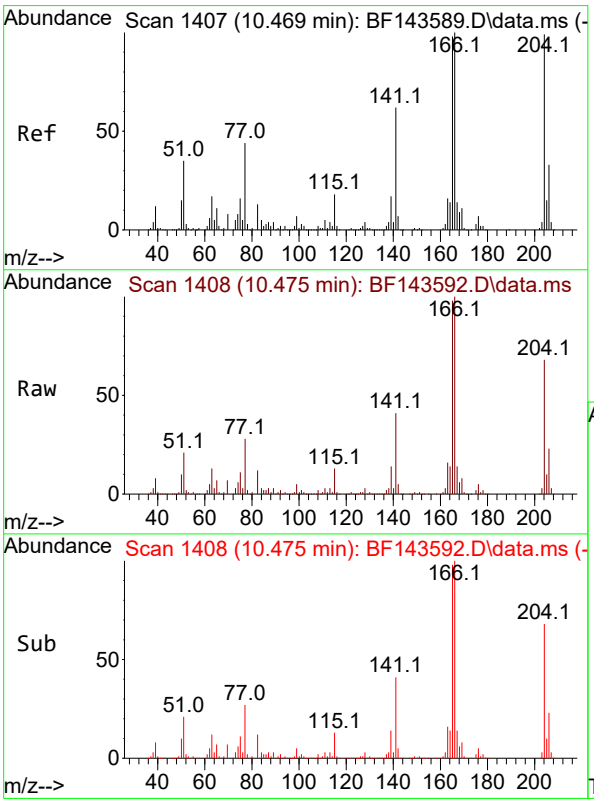
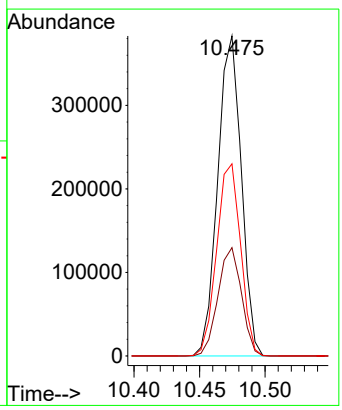
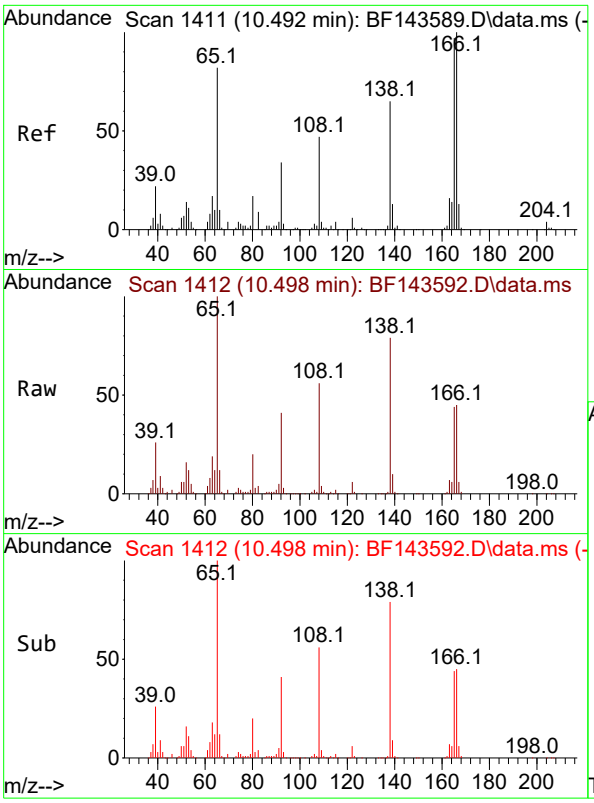


#61
4-Chlorophenyl-phenylether
Concen: 69.580 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:204 Resp: 478559

Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.0	40.6
141	60.1	50.2	75.2





#62
4-Nitroaniline
Concen: 80.486 ng
RT: 10.498 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:138 Resp: 23192

Ion	Ratio	Lower	Upper
138	100		
92	51.8	31.3	71.3
108	70.5	51.6	91.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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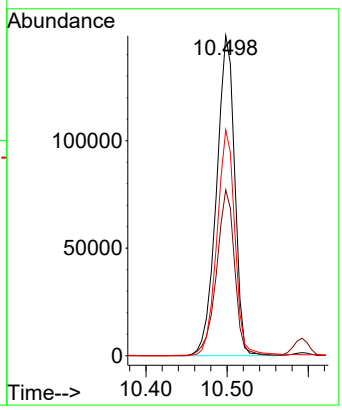
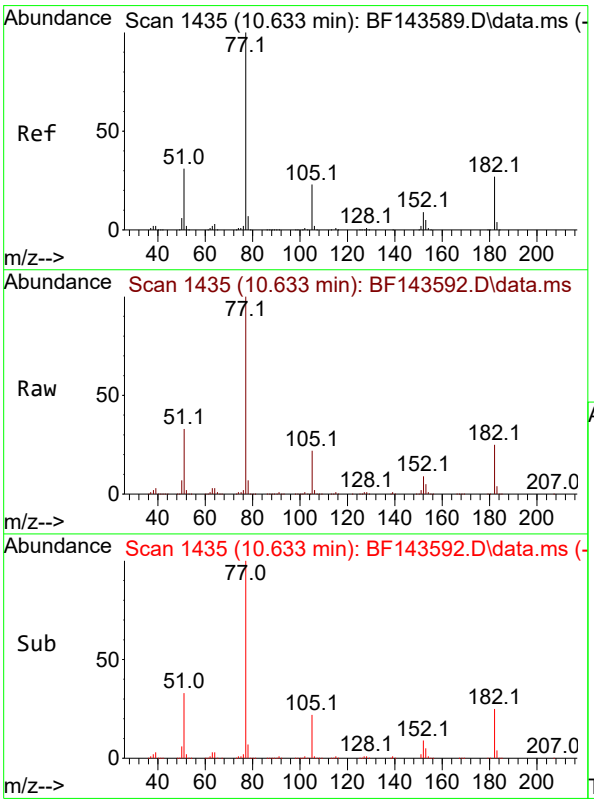
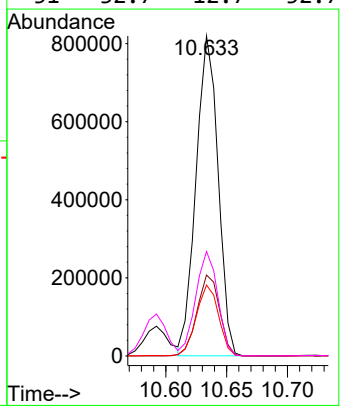


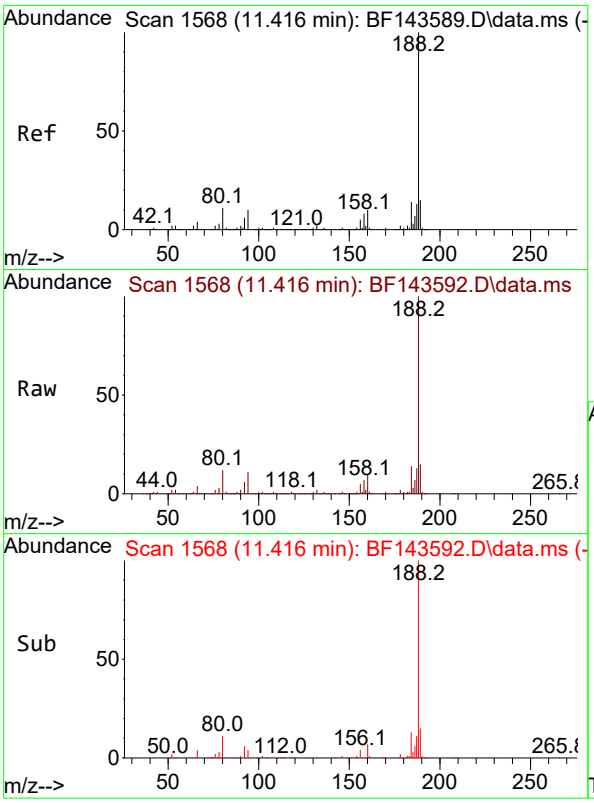


#63
Azobenzene
Concen: 72.394 ng
RT: 10.633 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion: 77 Resp: 1034753

Ion	Ratio	Lower	Upper
77	100		
182	25.3	6.3	46.3
105	22.2	2.4	42.4
51	32.7	12.7	52.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:188 Resp: 36928

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.2	12.4
80	11.6	8.9	13.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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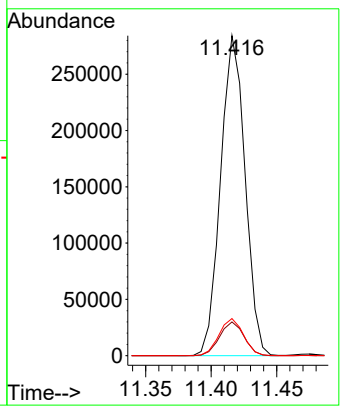
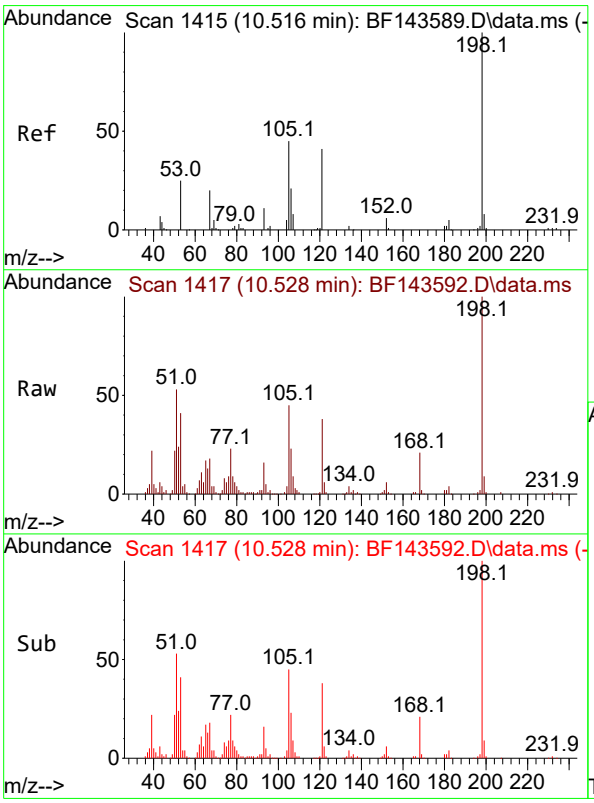
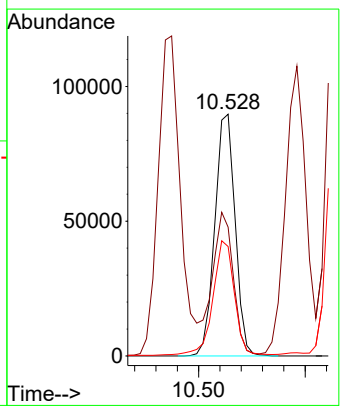


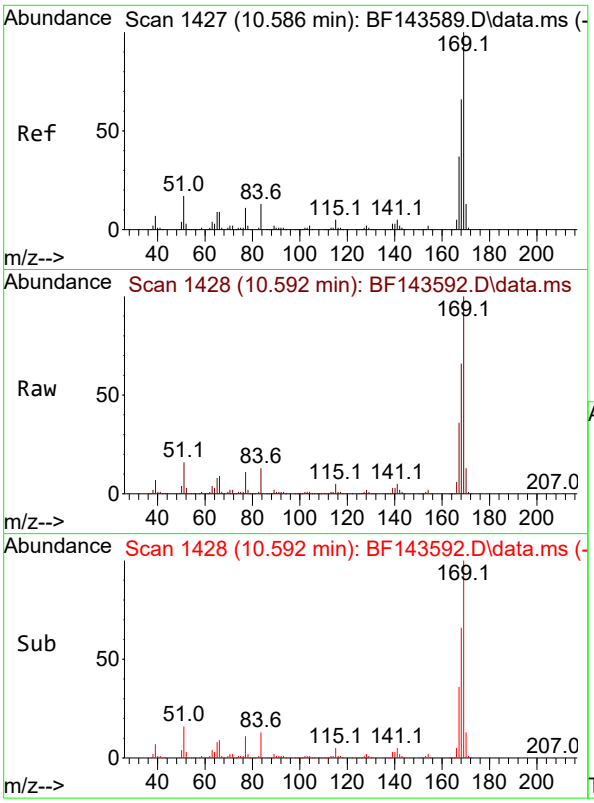


#65
4,6-Dinitro-2-methylphenol
Concen: 77.966 ng
RT: 10.528 min Scan# 1417
Delta R.T. 0.012 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:198 Resp: 118332

Ion	Ratio	Lower	Upper
198	100		
51	53.3	41.5	81.5
105	45.3	28.2	68.2





#66
n-Nitrosodiphenylamine
Concen: 74.537 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:169 Resp: 87552

Ion	Ratio	Lower	Upper
169	100		
168	65.7	53.1	79.7
167	36.3	29.3	43.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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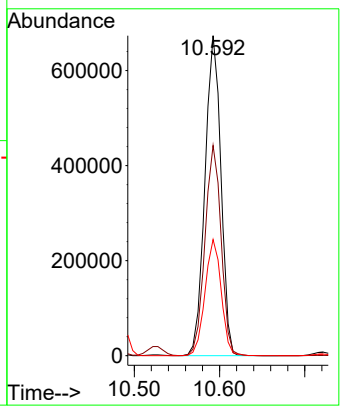
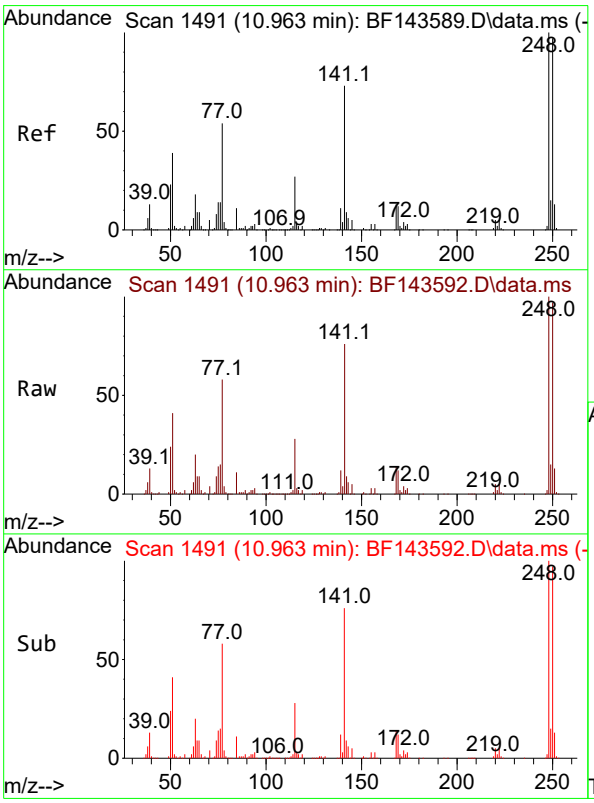
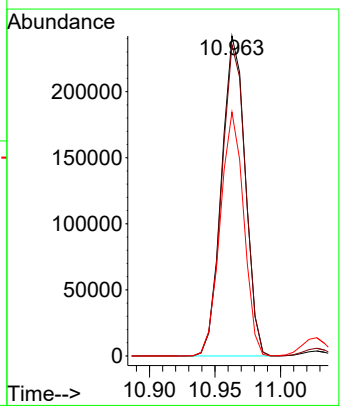


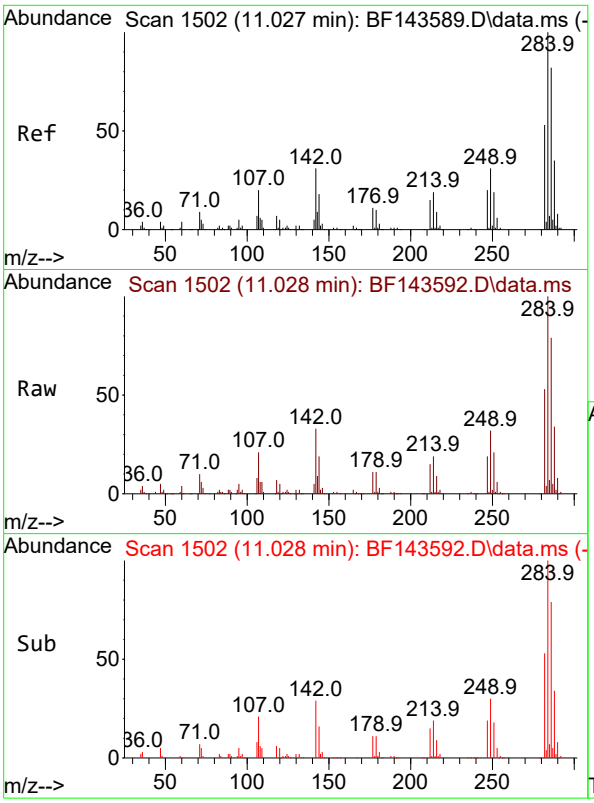


#67
4-Bromophenyl-phenylether
Concen: 76.172 ng
RT: 10.963 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:248 Resp: 304258

Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.8	116.6
141	76.2	58.5	87.7

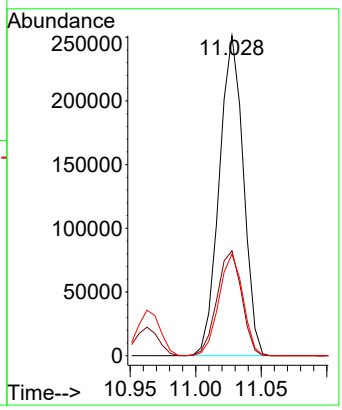




#68
Hexachlorobenzene
Concen: 74.906 ng
RT: 11.028 min Scan# 1
Delta R.T. 0.001 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:284 Resp: 32004

Ion	Ratio	Lower	Upper
284	100		
142	32.8	24.7	37.1
249	31.8	25.0	37.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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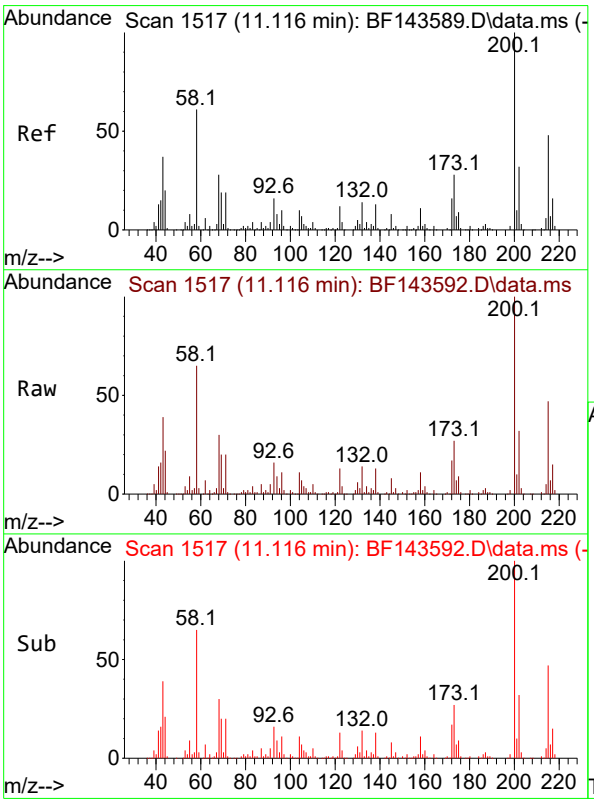
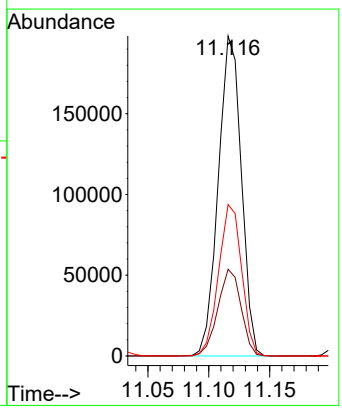
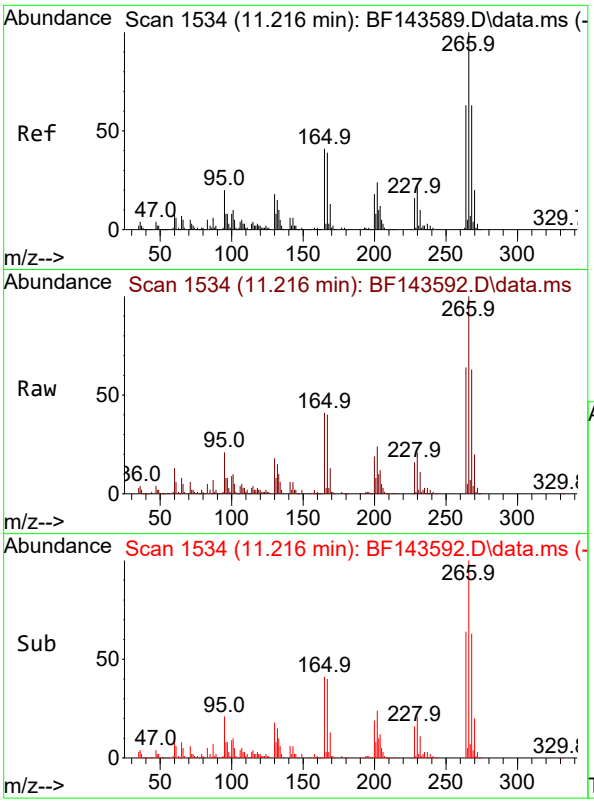


#69
Atrazine
Concen: 77.295 ng
RT: 11.116 min Scan# 1517
Delta R.T. -0.000 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:200 Resp: 260979

Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.6	47.6
215	47.3	28.3	68.3





#70
Pentachlorophenol
Concen: 85.497 ng
RT: 11.216 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:266 Resp: 20870

Ion	Ratio	Lower	Upper
266	100		
268	63.3	50.4	75.6
264	63.7	50.1	75.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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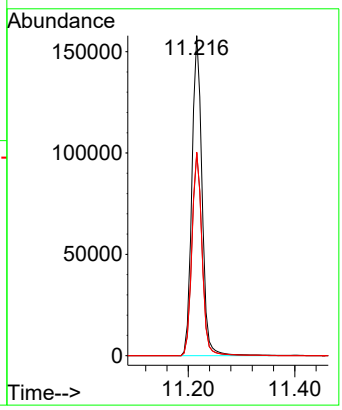
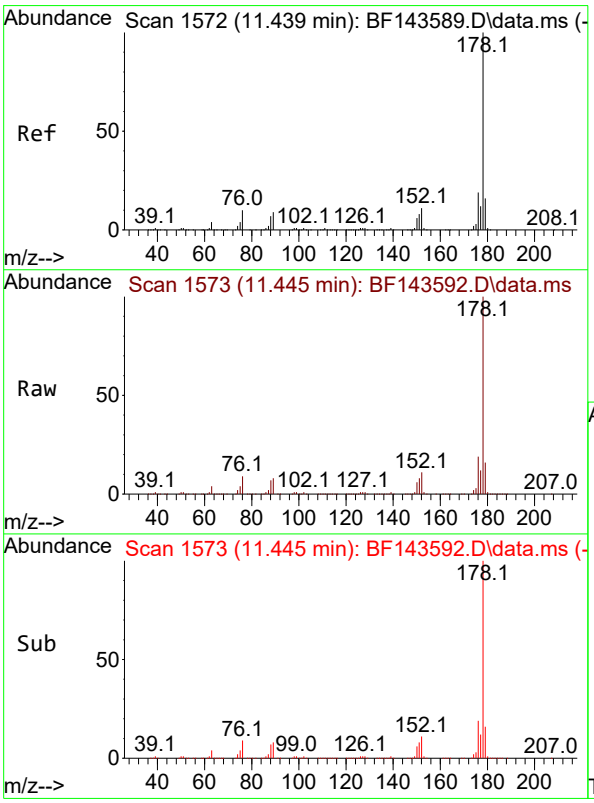
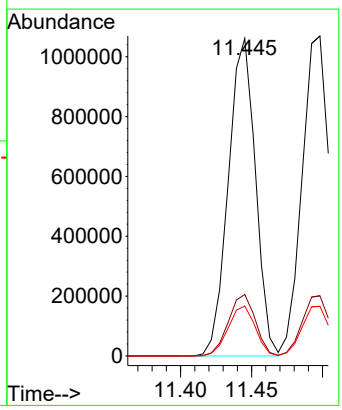


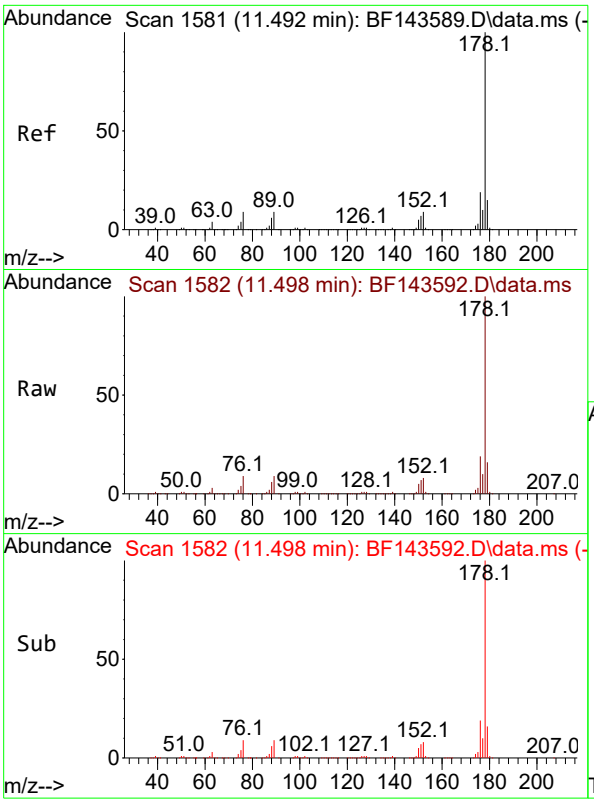


#71
Phenanthrene
Concen: 71.348 ng
RT: 11.445 min Scan# 1573
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:178 Resp: 1410689

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.7	12.5	18.7

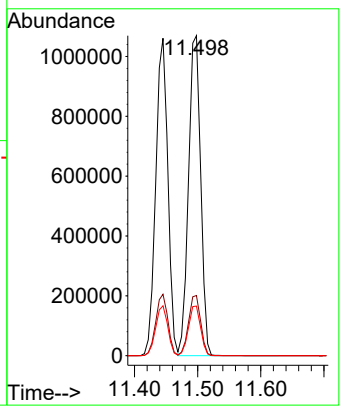




#72
Anthracene
Concen: 71.860 ng
RT: 11.498 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:178 Resp: 143184

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.5	12.4	18.6



Instrument :
BNA_F
ClientSampleId :
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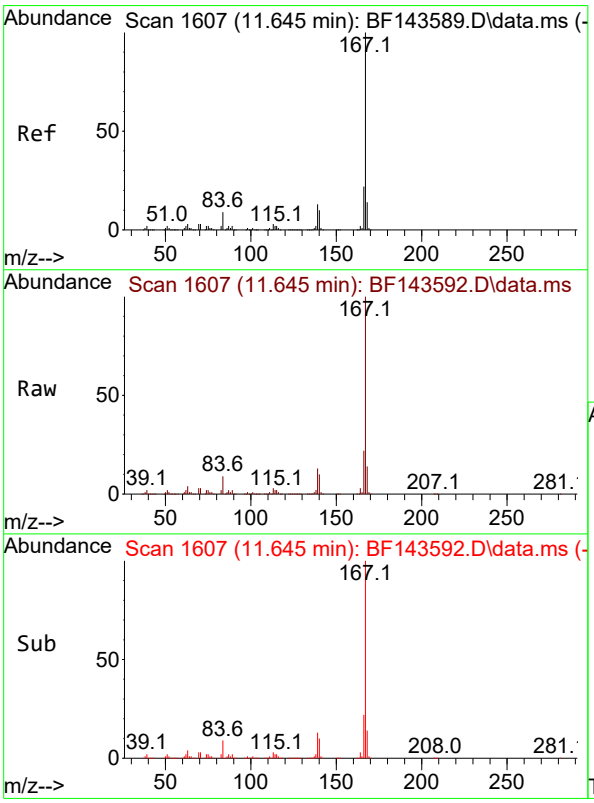
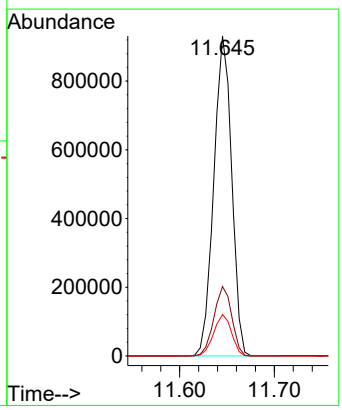
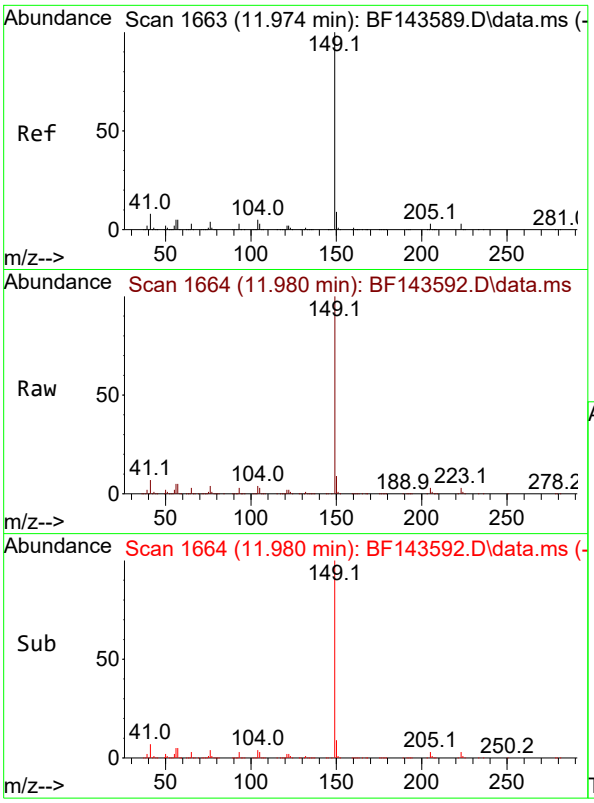


#73
Carbazole
Concen: 71.173 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:167 Resp: 1225872

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.3	25.9
139	12.9	10.4	15.6





#74
Di-n-butylphthalate
Concen: 75.182 ng
RT: 11.980 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 131894

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	4.4	3.6	5.4

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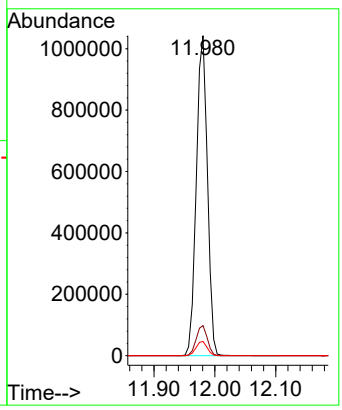
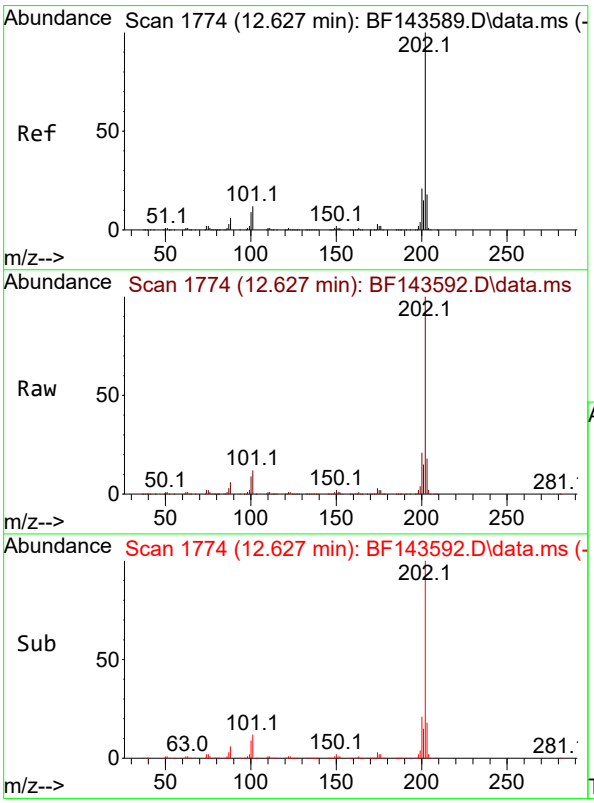
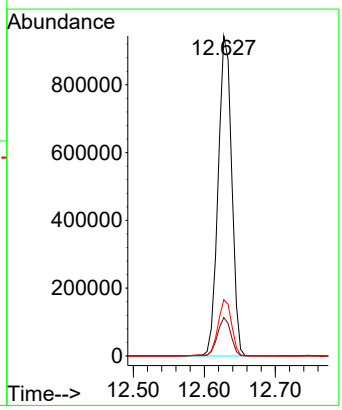


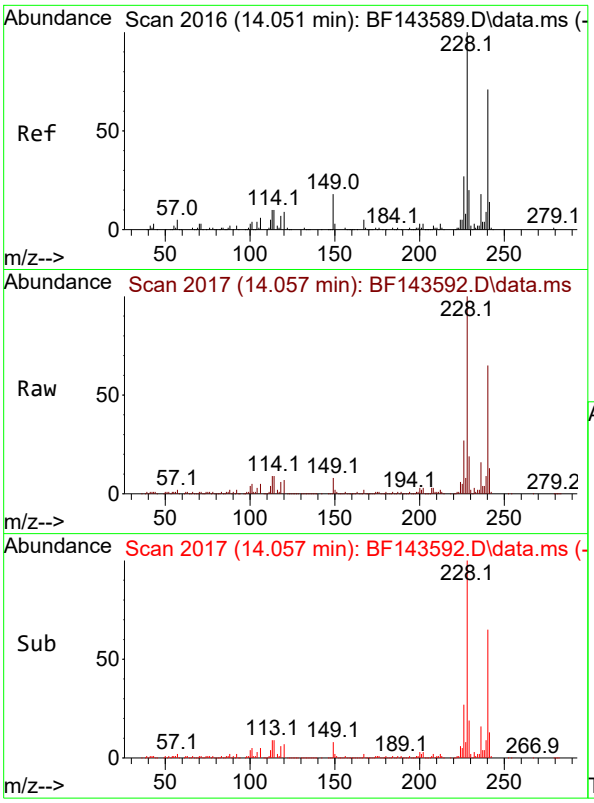


#75
Fluoranthene
Concen: 68.929 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:202 Resp: 1244385

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.3
203	17.6	0.0	37.5

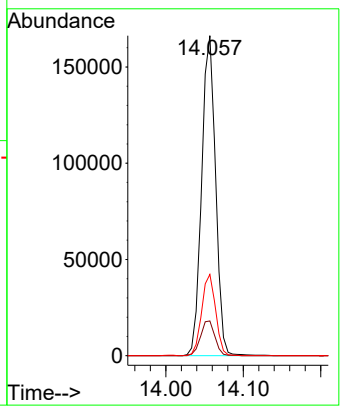




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:240 Resp: 20766

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.6	14.4
236	25.4	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
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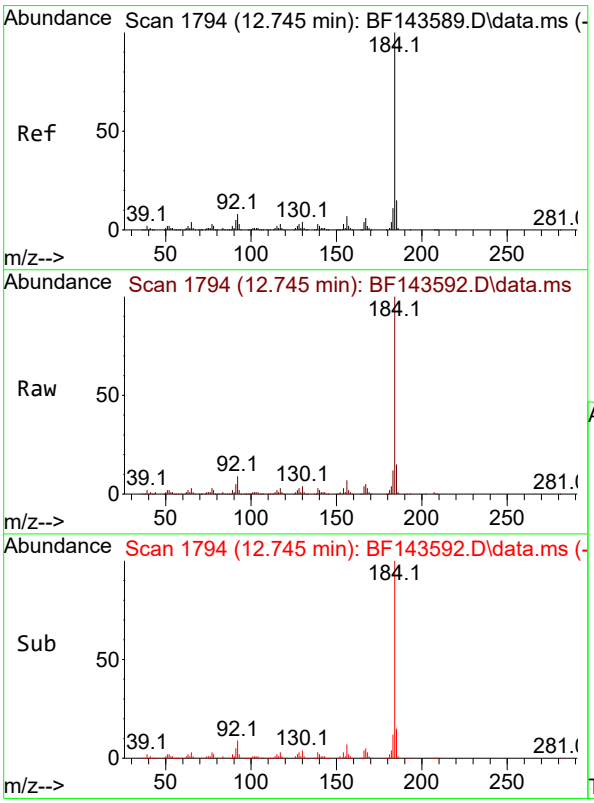
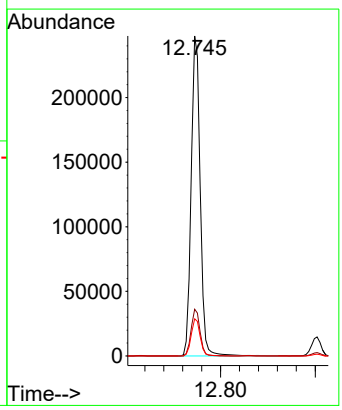
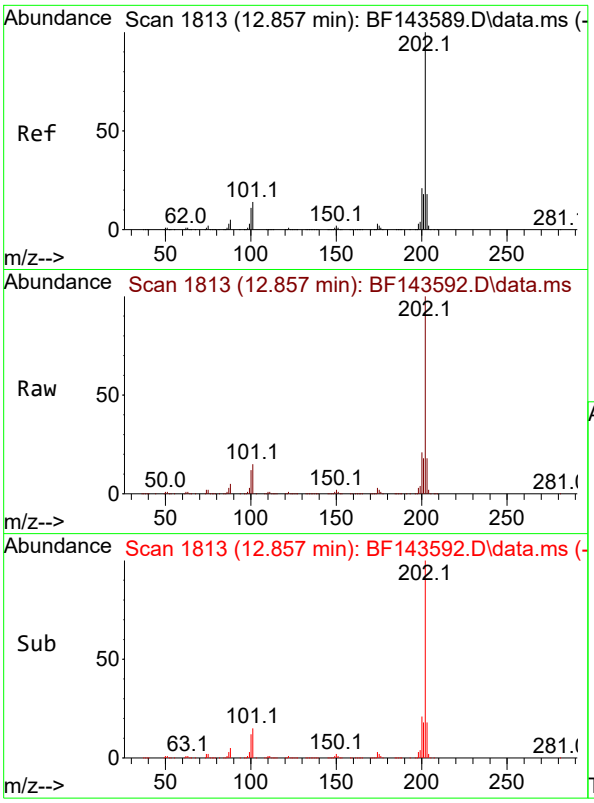


#77
Benzidine
Concen: 66.557 ng
RT: 12.745 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:184 Resp: 327388

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.8	17.6
183	11.6	9.1	13.7

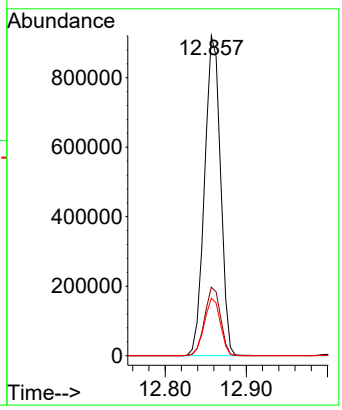




#78
Pyrene
Concen: 72.028 ng
RT: 12.857 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:202 Resp: 125184

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.4
203	18.0	14.2	21.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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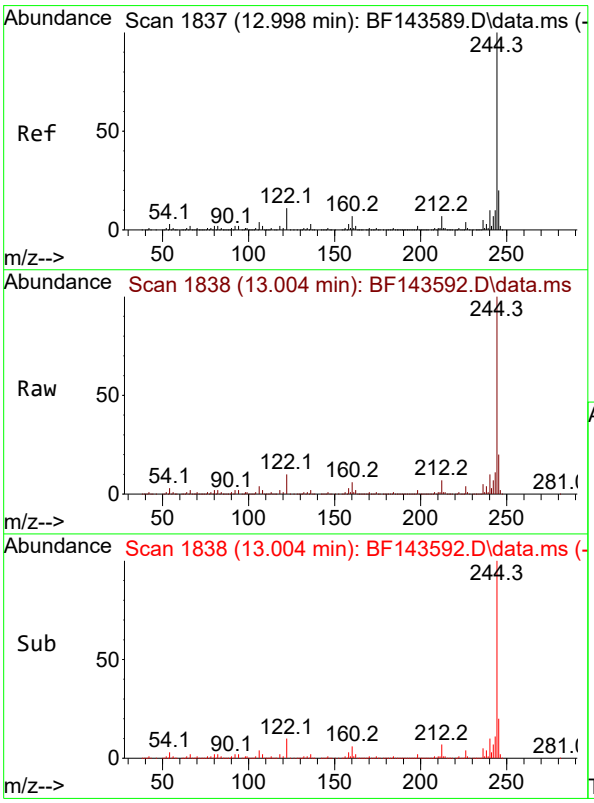
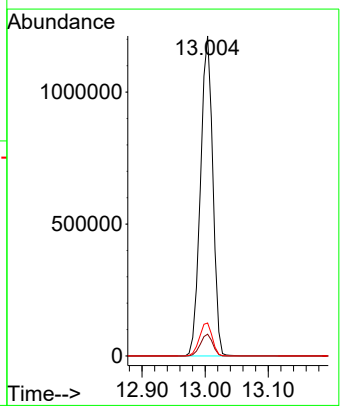
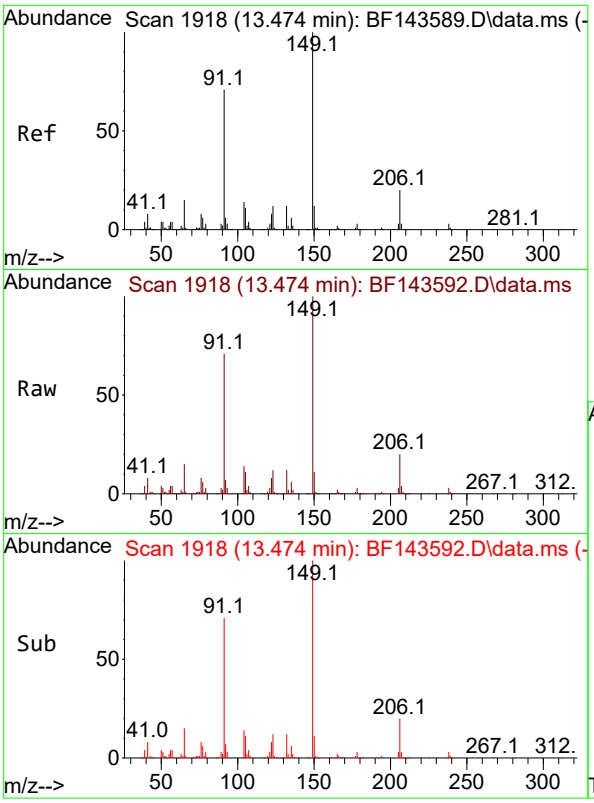


#79
Terphenyl-d14
Concen: 142.377 ng
RT: 13.004 min Scan# 1838
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:244 Resp: 1647677

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	10.3	8.8	13.2

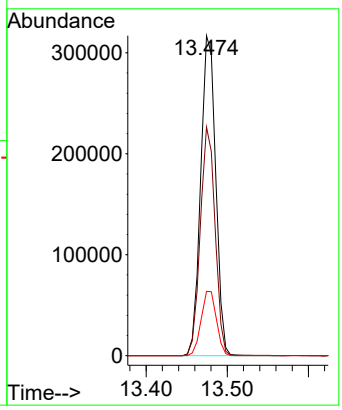




#80
Butylbenzylphthalate
Concen: 80.269 ng
RT: 13.474 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:149 Resp: 40707

Ion	Ratio	Lower	Upper
149	100		
91	71.5	56.8	85.2
206	20.1	16.2	24.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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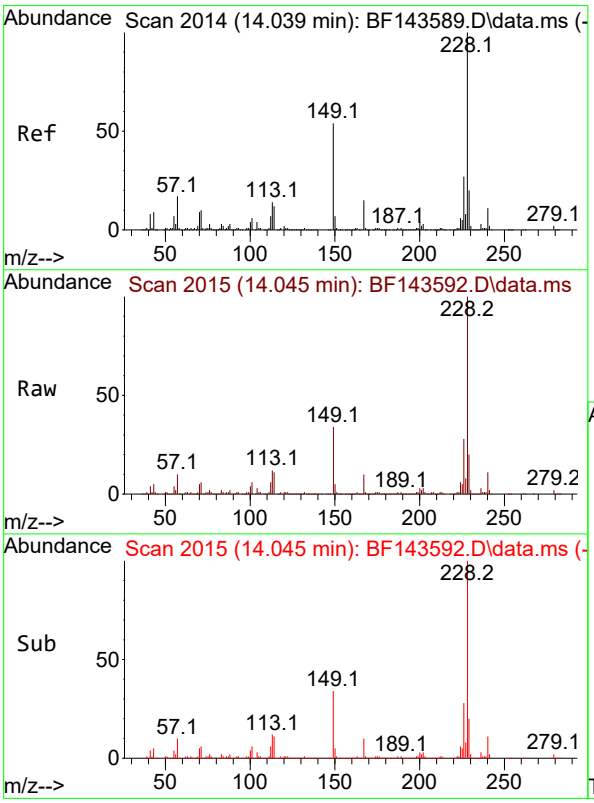
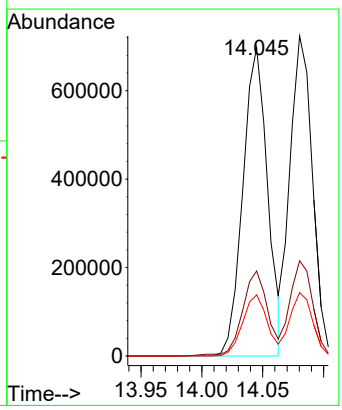
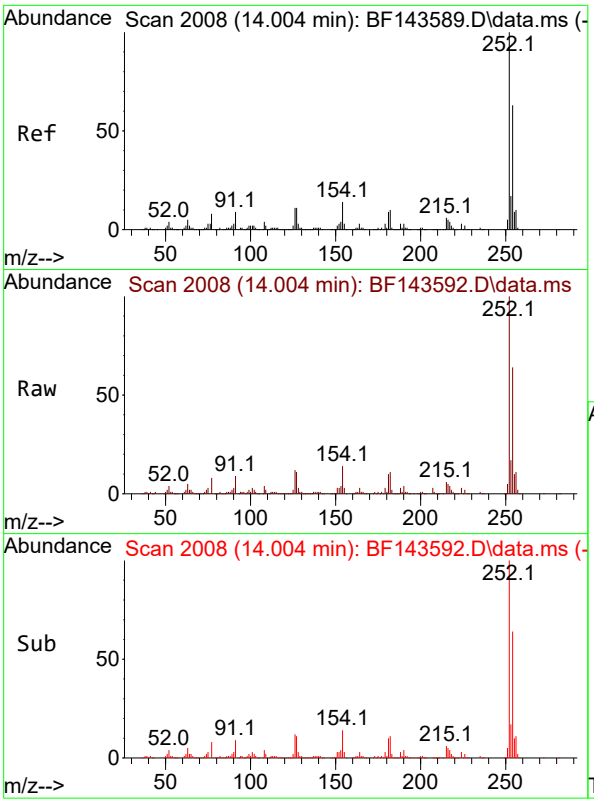


#81
Benzo(a)anthracene
Concen: 75.379 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:228 Resp: 984835

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.8
229	19.8	16.1	24.1





#82
3,3'-Dichlorobenzidine
Concen: 87.032 ng
RT: 14.004 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:252 Resp: 30486

Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.2	75.2
126	11.7	9.1	13.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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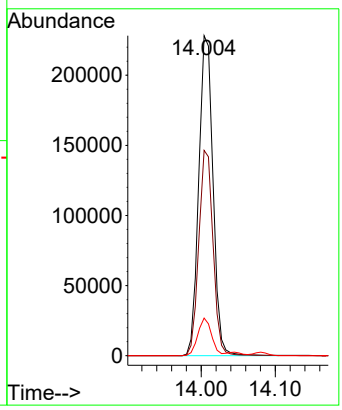
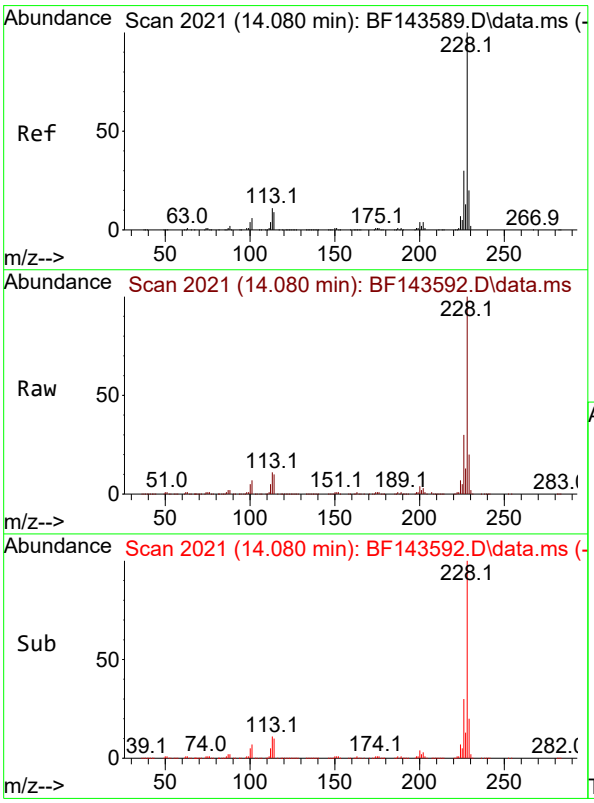
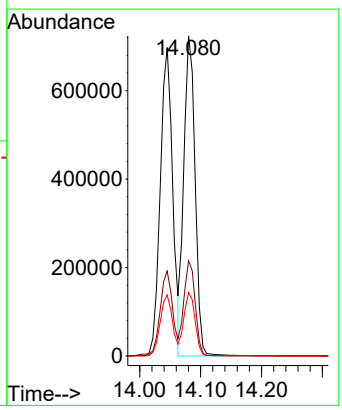


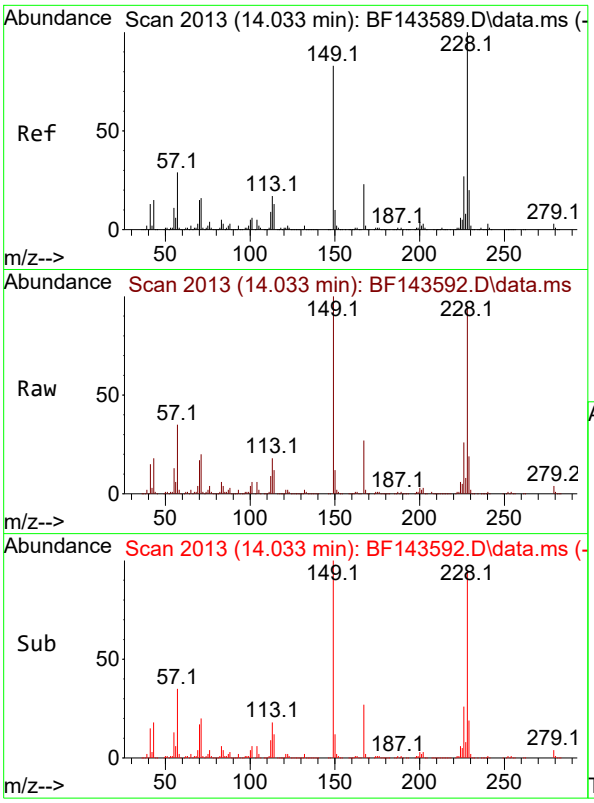


#83
Chrysene
Concen: 77.000 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:228 Resp: 937556

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.2
229	19.8	15.8	23.8





#84
Bis(2-ethylhexyl)phthalate
Concen: 80.299 ng
RT: 14.033 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:149 Resp: 52527

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.8	32.8
279	3.8	2.9	4.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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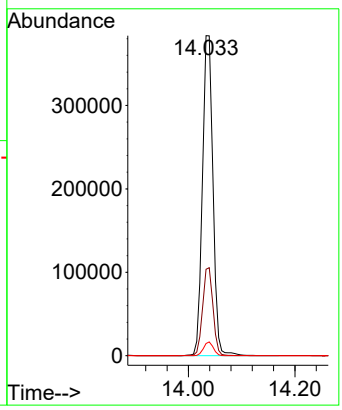
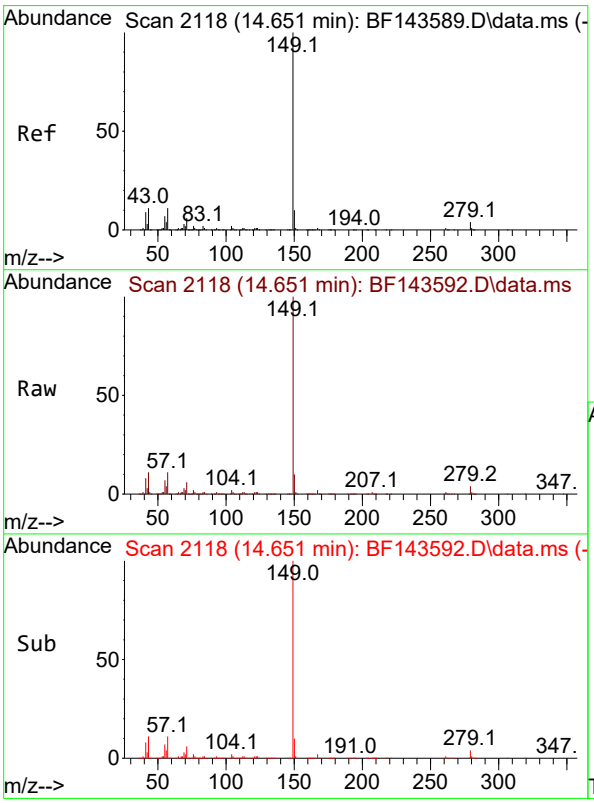
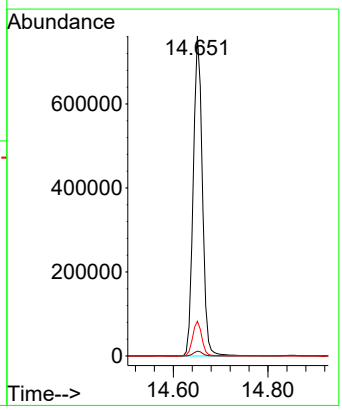


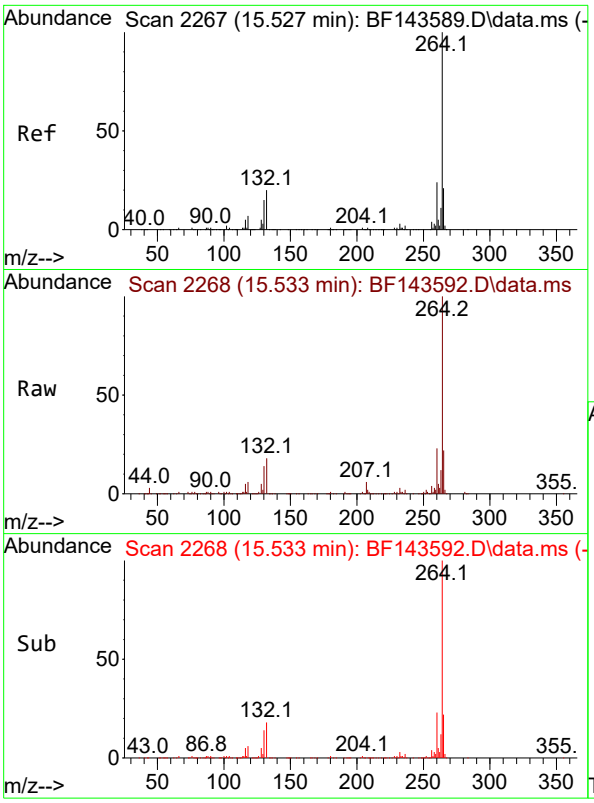


#85
Di-n-octyl phthalate
Concen: 79.961 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:149 Resp: 1016224

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.0	9.5	14.3

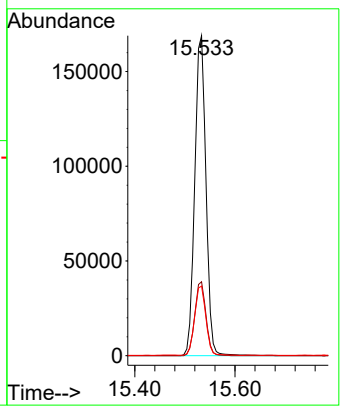




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:264 Resp: 26111

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.9	28.3
265	21.8	17.0	25.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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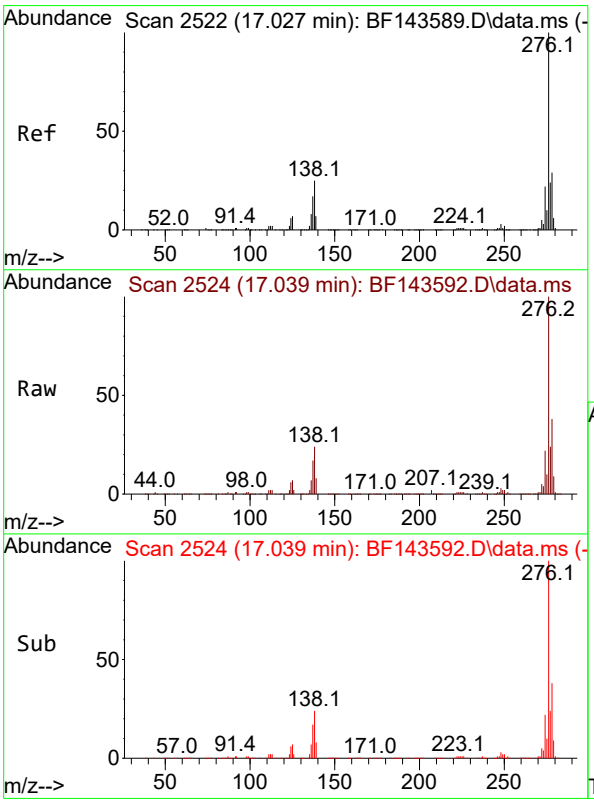
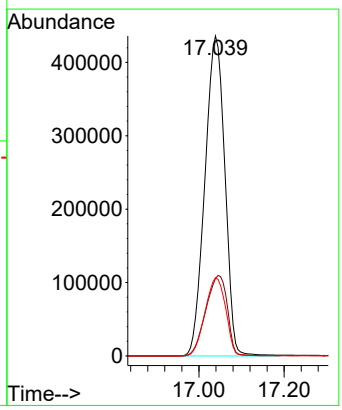
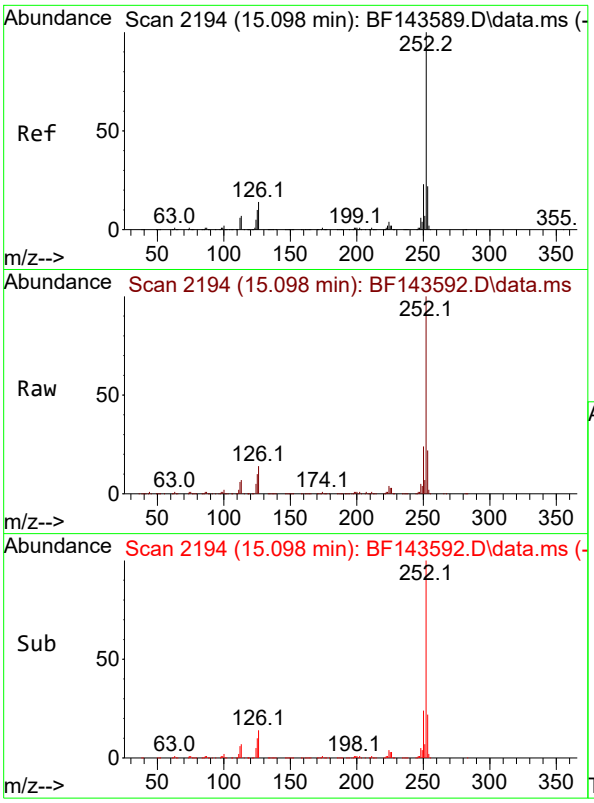


#87
Indeno(1,2,3-cd)pyrene
Concen: 79.922 ng
RT: 17.039 min Scan# 2524
Delta R.T. 0.012 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:276 Resp: 1419838

Ion	Ratio	Lower	Upper
276	100		
138	27.1	22.3	33.5
277	25.3	20.0	30.0

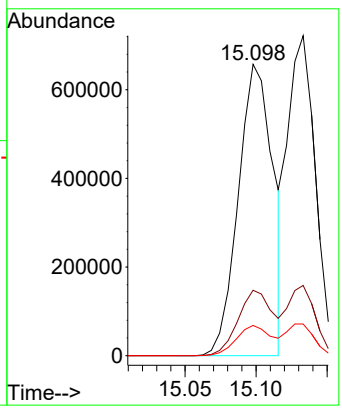




#88
Benzo(b)fluoranthene
Concen: 74.863 ng
RT: 15.098 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:252 Resp: 111690

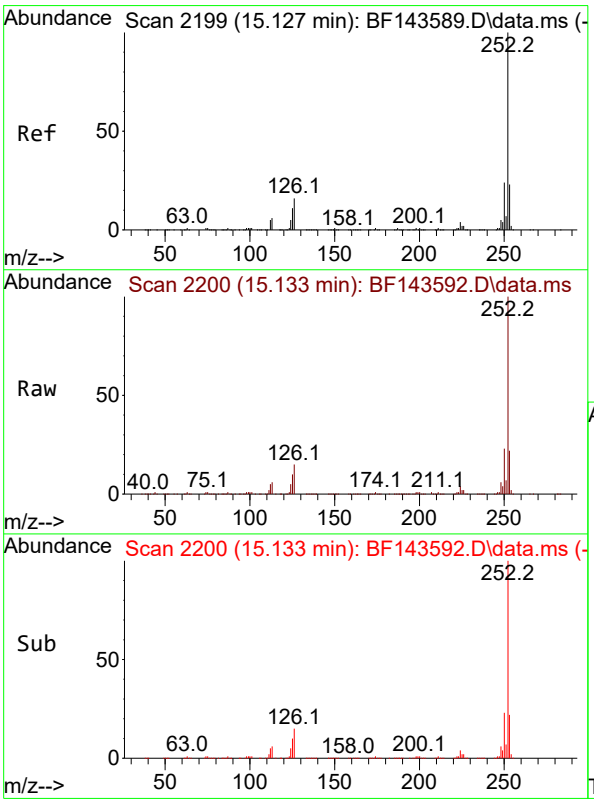
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	10.4	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

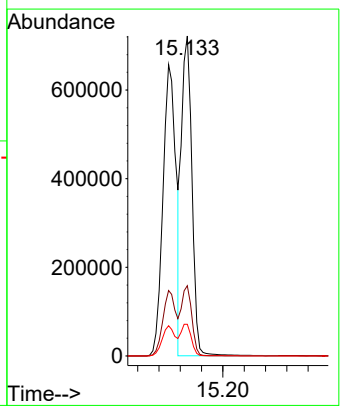
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

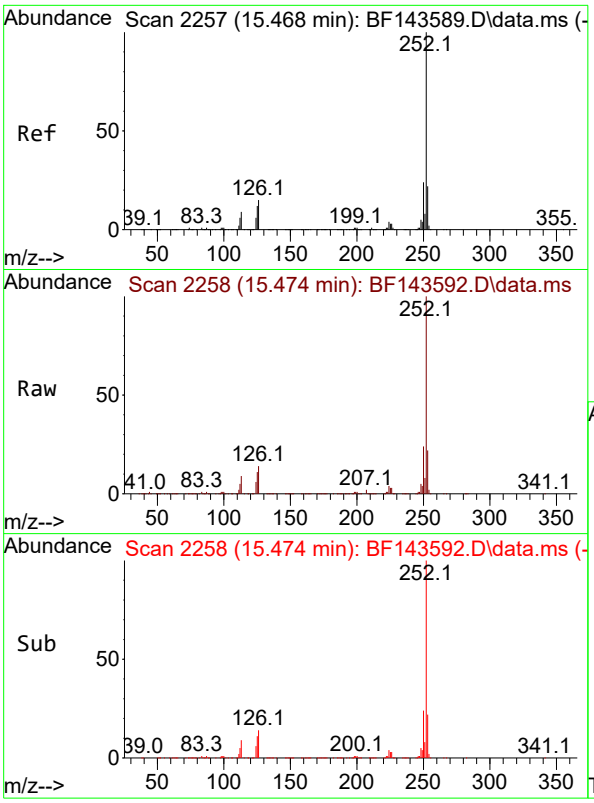


#89
Benzo(k)fluoranthene
Concen: 70.872 ng
RT: 15.133 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:252 Resp: 988639

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.9	8.2	12.4

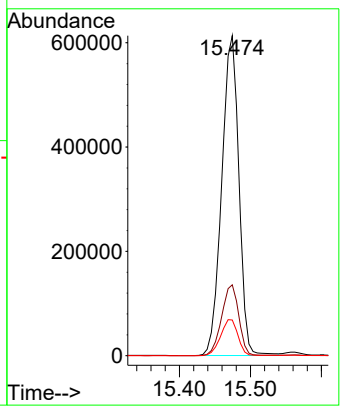




#90
Benzo(a)pyrene
Concen: 77.816 ng
RT: 15.474 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:252 Resp: 102575

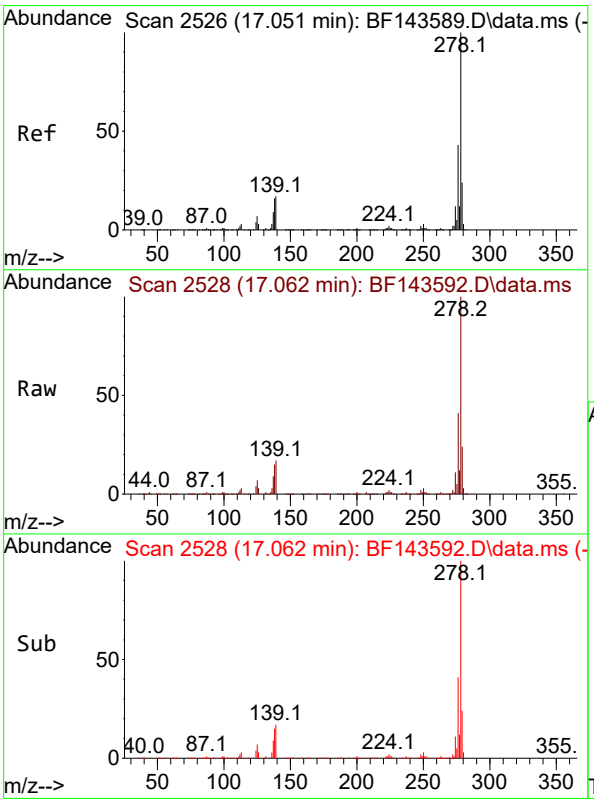
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	11.1	9.2	13.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

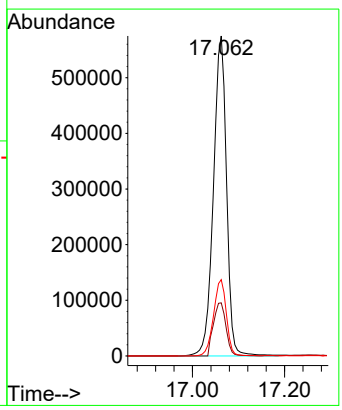
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

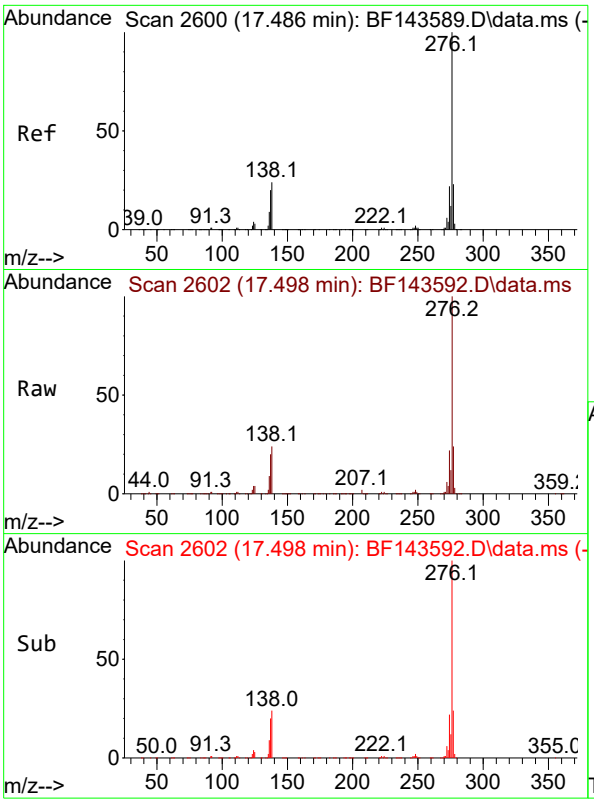


#91
Dibenzo(a,h)anthracene
Concen: 78.197 ng
RT: 17.062 min Scan# 2528
Delta R.T. 0.012 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:278 Resp: 1136990

Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.8	20.8
279	23.8	19.4	29.0

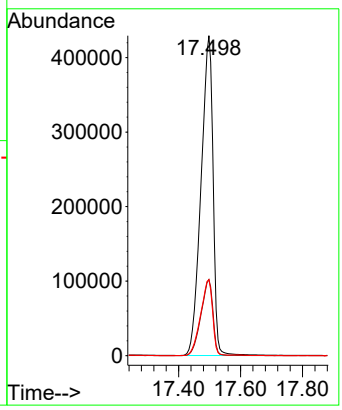




#92
Benzo(g,h,i)perylene
Concen: 80.229 ng
RT: 17.498 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143592.D
Acq: 26 Aug 2025 12:32

Tgt Ion:276 Resp: 115489

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	27.8
138	23.8	19.1	28.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

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

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143593.D
Acq On : 26 Aug 2025 15:40
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 26 16:38:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF082625

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	157712	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	601114	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	327150	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	506960	20.000	ng	0.00
76) Chrysene-d12	14.051	240	276317	20.000	ng	0.00
86) Perylene-d12	15.527	264	321846	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	704424	76.019	ng	0.00
7) Phenol-d6	6.510	99	876773	76.394	ng	0.00
23) Nitrobenzene-d5	7.457	82	762282	90.545	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	222418	86.937	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1405536	73.456	ng	0.00
79) Terphenyl-d14	12.998	244	1203079	78.131	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	168044	37.069	ng	98
3) Pyridine	3.440	79	459615	40.375	ng	99
4) n-Nitrosodimethylamine	3.393	42	205702	37.975	ng	98
6) Aniline	6.557	93	609762	38.057	ng	99
8) 2-Chlorophenol	6.675	128	383878	39.156	ng	98
9) Benzaldehyde	6.445	77	367411	42.545	ng	99
10) Phenol	6.528	94	481885m	37.436	ng	
11) bis(2-Chloroethyl)ether	6.628	93	373323	37.848	ng	98
12) 1,3-Dichlorobenzene	6.833	146	426428	37.867	ng	98
13) 1,4-Dichlorobenzene	6.910	146	418786	36.881	ng	99
14) 1,2-Dichlorobenzene	7.063	146	404850	37.588	ng	99
15) Benzyl Alcohol	7.028	79	340258	39.558	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	651543	35.785	ng	98
17) 2-Methylphenol	7.133	107	319640	38.406	ng	99
18) Hexachloroethane	7.410	117	142953	39.621	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	272967	37.543	ng	97
20) 3+4-Methylphenols	7.292	107	401106	39.240	ng	98
22) Acetophenone	7.304	105	497165	36.725	ng	99
24) Nitrobenzene	7.475	77	406914	45.083	ng	98
25) Isophorone	7.716	82	752913	38.216	ng	99
26) 2-Nitrophenol	7.786	139	179721	48.492	ng	98
27) 2,4-Dimethylphenol	7.822	122	333584	38.915	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	445985	37.415	ng	100
29) 2,4-Dichlorophenol	8.028	162	331155	40.096	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	328582	38.104	ng	100
31) Naphthalene	8.198	128	1086358	37.406	ng	100
32) Benzoic acid	7.922	122	206022	47.270	ng	99
33) 4-Chloroaniline	8.239	127	397839	38.775	ng	99
34) Hexachlorobutadiene	8.316	225	207506	38.188	ng	99
35) Caprolactam	8.616	113	96855	41.278	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	338996	39.260	ng	99
37) 2-Methylnaphthalene	8.886	142	714074	37.231	ng	98
38) 1-Methylnaphthalene	8.986	142	698764	37.750	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	324187	38.097	ng	100
41) Hexachlorocyclopentadiene	9.039	237	178267	42.585	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	226115	40.213	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143593.D
Acq On : 26 Aug 2025 15:40
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082625

Quant Time: Aug 26 16:38:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	240561	42.338	ng		99
46) 1,1'-Biphenyl	9.351	154	853194	37.586	ng		100
47) 2-Chloronaphthalene	9.375	162	680043	37.924	ng		99
48) 2-Nitroaniline	9.469	65	213739	43.371	ng		97
49) Acenaphthylene	9.792	152	981552	37.621	ng		100
50) Dimethylphthalate	9.645	163	769901	38.260	ng		99
51) 2,6-Dinitrotoluene	9.710	165	149488	44.605	ng		95
52) Acenaphthene	9.963	154	658449	38.529	ng		99
53) 3-Nitroaniline	9.880	138	170796	43.240	ng	#	97
54) 2,4-Dinitrophenol	9.980	184	53959	51.246	ng	#	42
55) Dibenzofuran	10.133	168	934002	37.276	ng		100
56) 4-Nitrophenol	10.022	139	142962	43.838	ng		97
57) 2,4-Dinitrotoluene	10.110	165	199246	45.207	ng		97
58) Fluorene	10.480	166	687711	36.556	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	185382	44.131	ng		99
60) Diethylphthalate	10.351	149	715330	37.933	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	339548	36.906	ng		99
62) 4-Nitroaniline	10.492	138	161334	43.463	ng		96
63) Azobenzene	10.633	77	718182	37.562	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	84325	49.211	ng		96
66) n-Nitrosodiphenylamine	10.586	169	613478	38.044	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	211109	38.499	ng		99
68) Hexachlorobenzene	11.021	284	223302	38.071	ng		96
69) Atrazine	11.116	200	182262	39.321	ng		99
70) Pentachlorophenol	11.216	266	144141	43.012	ng		99
71) Phenanthrene	11.439	178	1004644	37.012	ng		100
72) Anthracene	11.492	178	1025365	37.485	ng		100
73) Carbazole	11.645	167	889140	37.604	ng		100
74) Di-n-butylphthalate	11.974	149	949301	39.416	ng		100
75) Fluoranthene	12.627	202	915700	36.948	ng		99
77) Benzidine	12.745	184	281785	44.295	ng		99
78) Pyrene	12.857	202	916578	39.636	ng		100
80) Butylbenzylphthalate	13.474	149	258180	40.181	ng		98
81) Benzo(a)anthracene	14.039	228	638066	36.704	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	196224	42.101	ng		99
83) Chrysene	14.080	228	628897	38.818	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	327160	39.310	ng		99
85) Di-n-octyl phthalate	14.651	149	610648	39.930	ng		98
87) Indeno(1,2,3-cd)pyrene	17.027	276	884839	40.409	ng		99
88) Benzo(b)fluoranthene	15.092	252	677056	36.818	ng		99
89) Benzo(k)fluoranthene	15.127	252	613528	35.683	ng		100
90) Benzo(a)pyrene	15.468	252	627013	38.591	ng		99
91) Dibenzo(a,h)anthracene	17.045	278	719681	40.157	ng		99
92) Benzo(g,h,i)perylene	17.480	276	716895	40.405	ng		100

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

ICAL Form

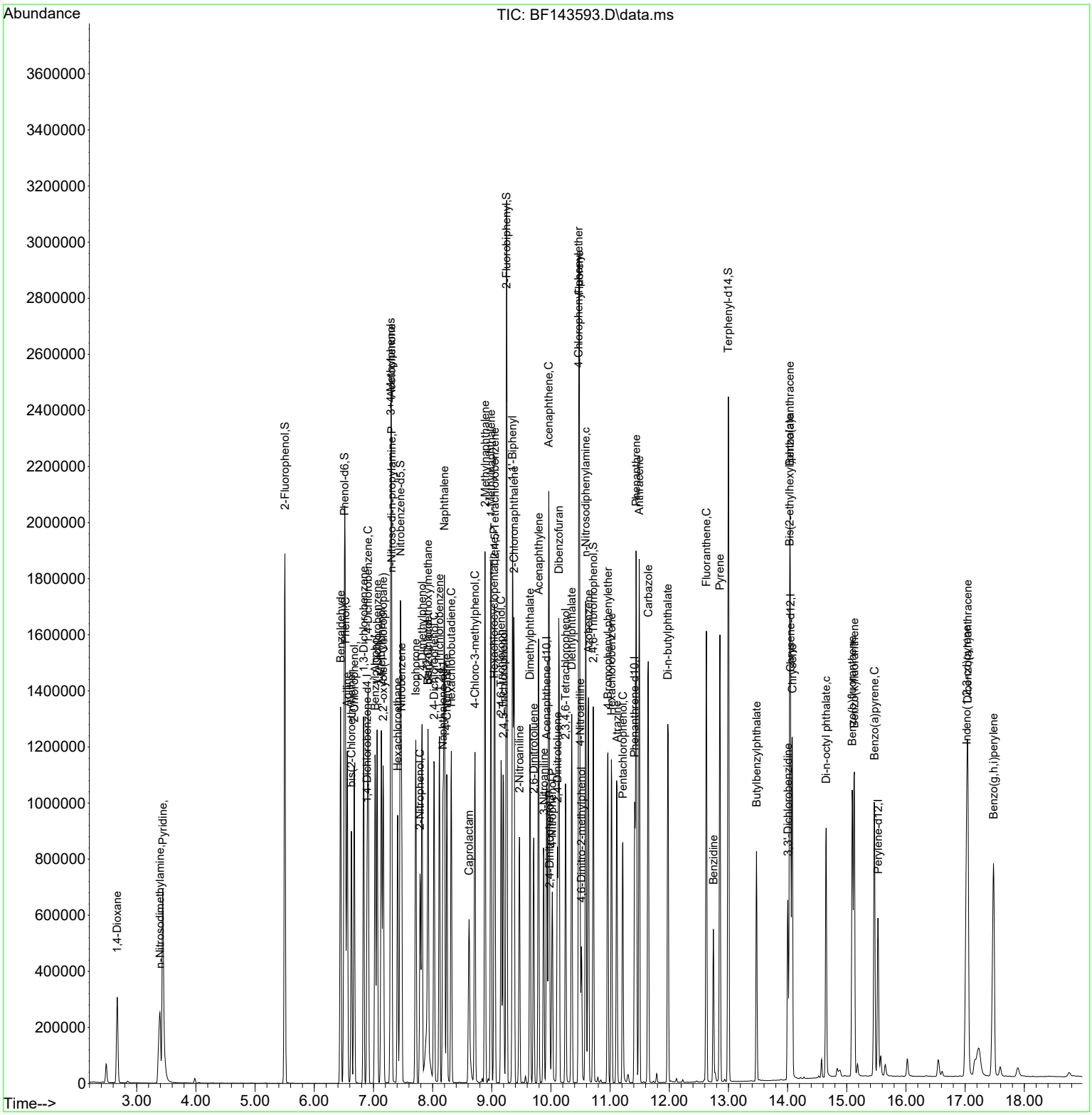
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143593.D
Acq On : 26 Aug 2025 15:40
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

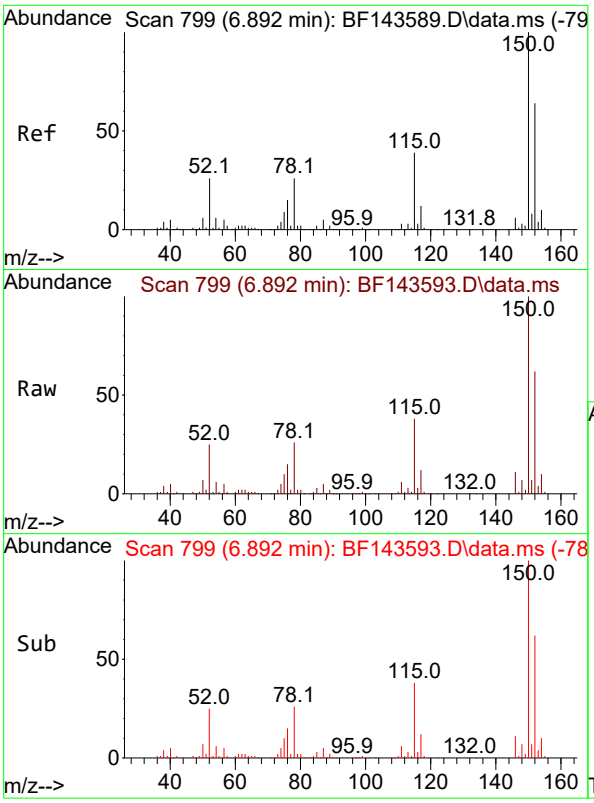
Quant Time: Aug 26 16:38:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF082625

Manual Integrations APPROVED

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

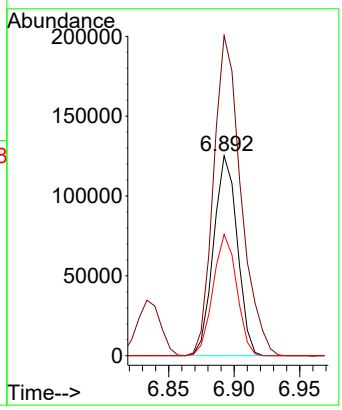




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:152 Resp: 15771

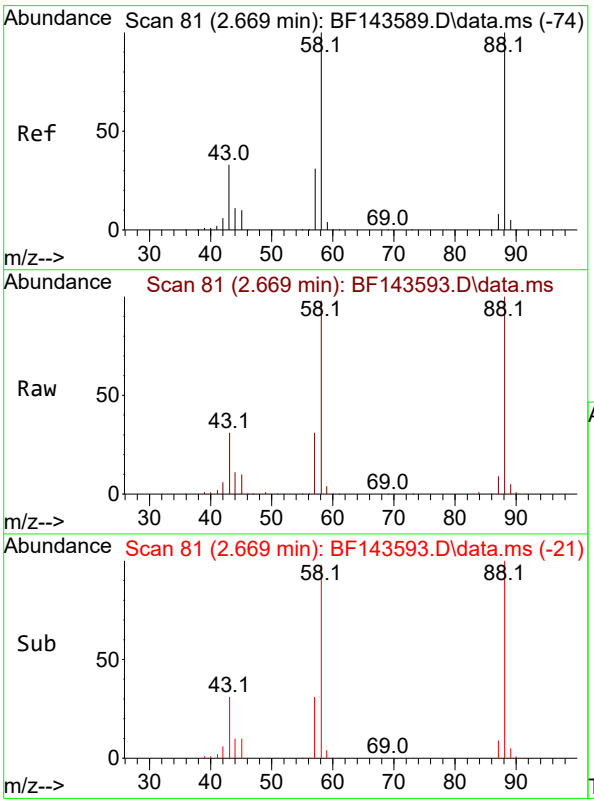
Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.9	187.3
115	60.7	48.0	72.0



Instrument :
BNA_F
ClientSampleId :
ICVBF082625

Manual Integrations
APPROVED

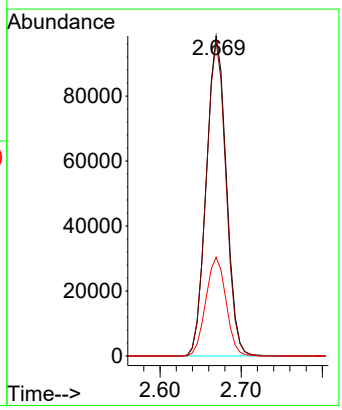
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

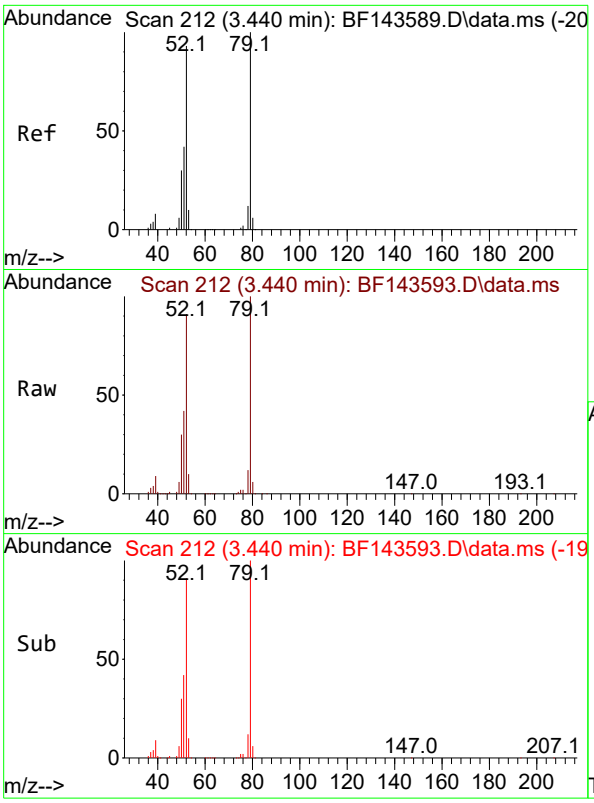


#2
1,4-Dioxane
Concen: 37.069 ng
RT: 2.669 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion: 88 Resp: 168044

Ion	Ratio	Lower	Upper
88	100		
58	97.6	79.2	118.8
43	31.2	26.2	39.2

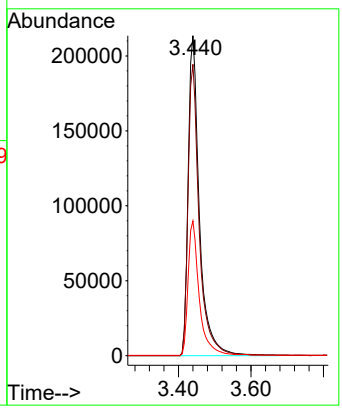




#3
Pyridine
Concen: 40.375 ng
RT: 3.440 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion: 79 Resp: 45961

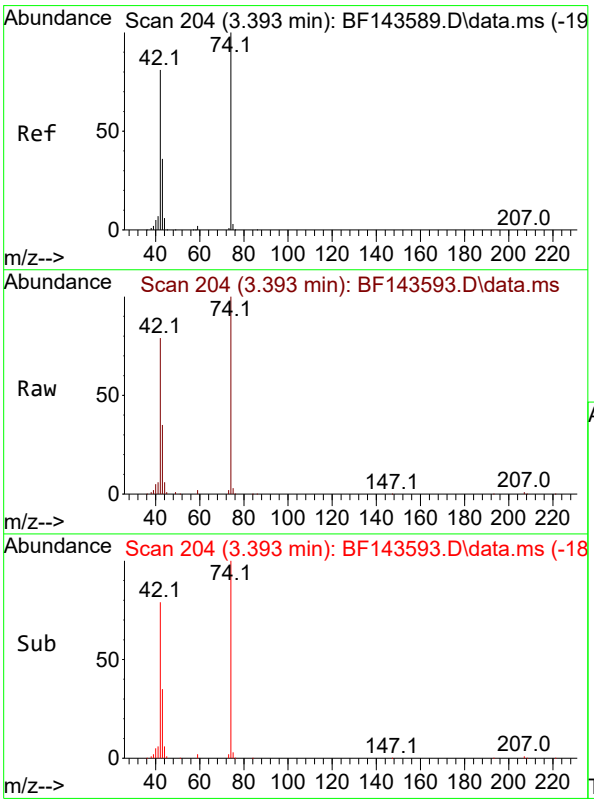
Ion	Ratio	Lower	Upper
79	100		
52	91.0	74.3	111.5
51	42.1	33.5	50.3



Instrument :
BNA_F
ClientSampleId :
ICVBF082625

Manual Integrations
APPROVED

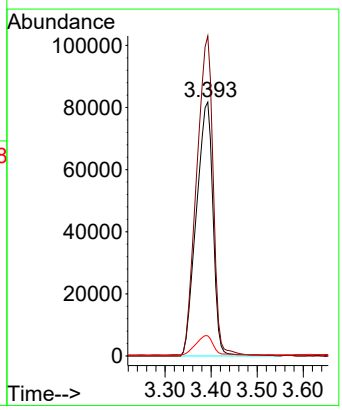
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

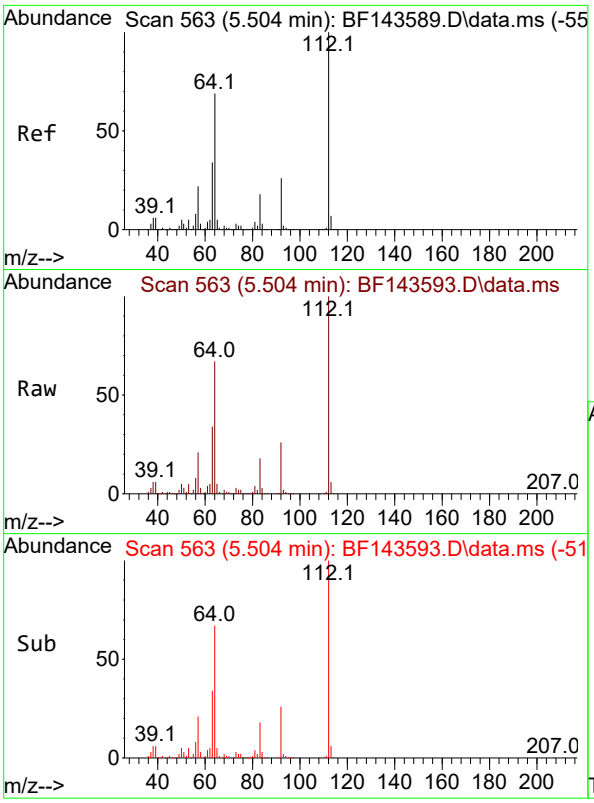


#4
n-Nitrosodimethylamine
Concen: 37.975 ng
RT: 3.393 min Scan# 204
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion: 42 Resp: 205702

Ion	Ratio	Lower	Upper
42	100		
74	126.0	98.9	148.3
44	8.0	7.0	10.4

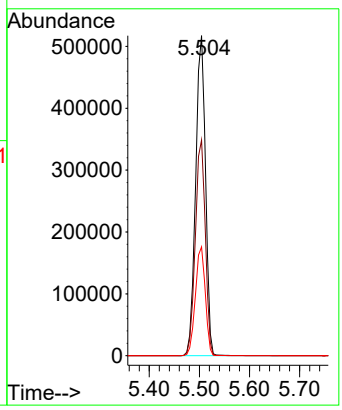




#5
2-Fluorophenol
Concen: 76.019 ng
RT: 5.504 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:112 Resp: 70442

Ion	Ratio	Lower	Upper
112	100		
64	67.4	54.8	82.2
63	34.0	27.6	41.4



Instrument :
BNA_F
ClientSampleId :
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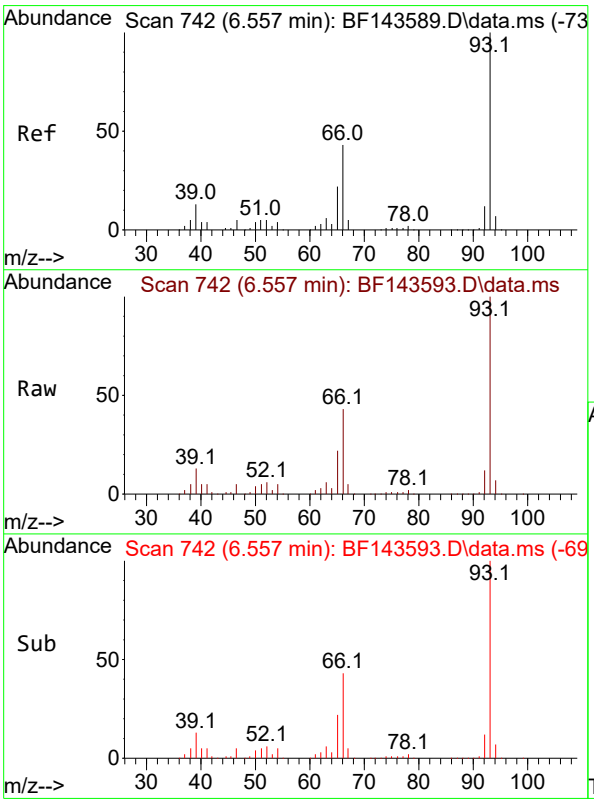
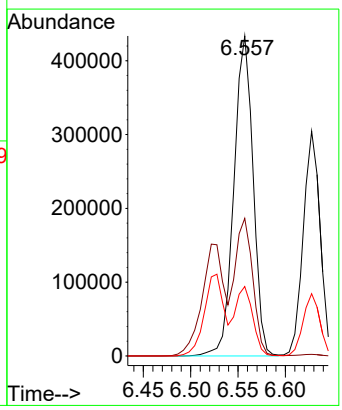
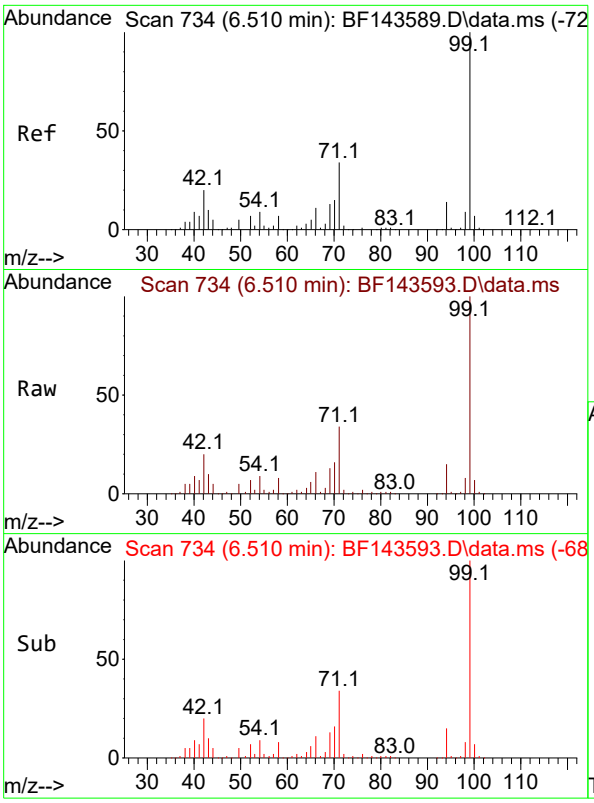


#6
Aniline
Concen: 38.057 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion: 93 Resp: 609762

Ion	Ratio	Lower	Upper
93	100		
66	43.0	35.0	52.4
65	21.7	17.5	26.3

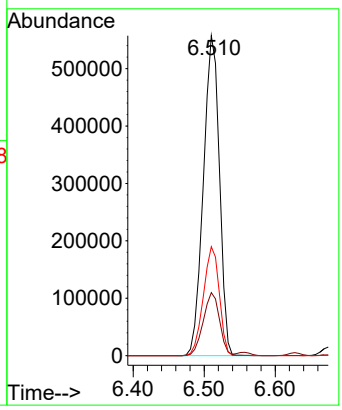




#7
Phenol-d6
Concen: 76.394 ng
RT: 6.510 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion: 99 Resp: 87677

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.9	23.9
71	34.1	27.2	40.8



Instrument :
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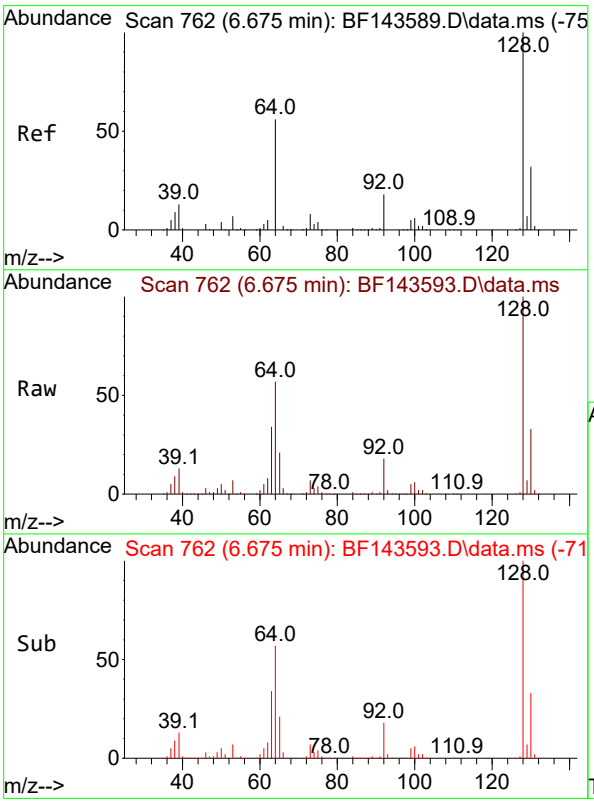
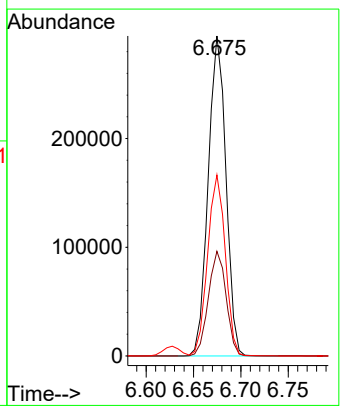
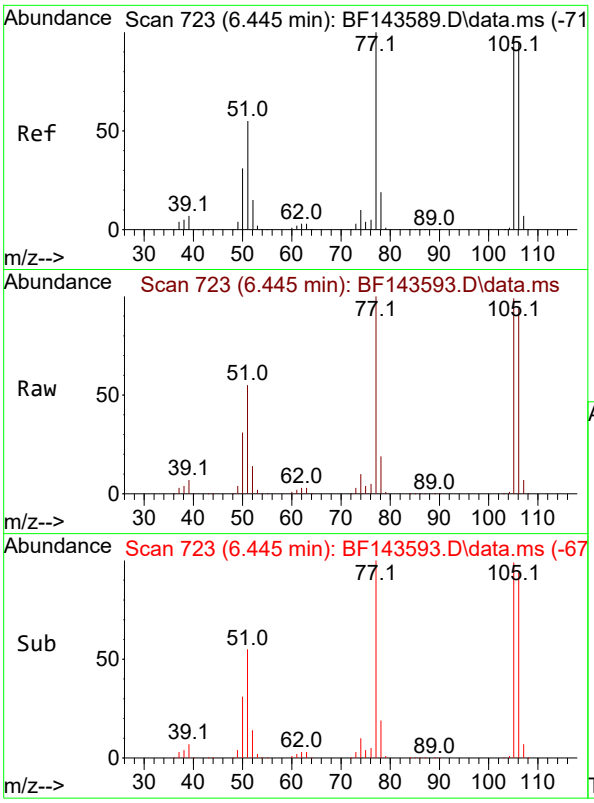


#8
2-Chlorophenol
Concen: 39.156 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:128 Resp: 383878

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.3	52.3
64	56.5	38.4	78.4

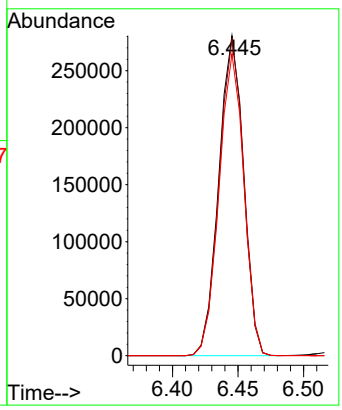




#9
Benzaldehyde
Concen: 42.545 ng
RT: 6.445 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion: 77 Resp: 36741

Ion	Ratio	Lower	Upper
77	100		
105	98.8	77.9	117.9
106	94.3	74.9	114.9



Instrument :
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ClientSampleId :
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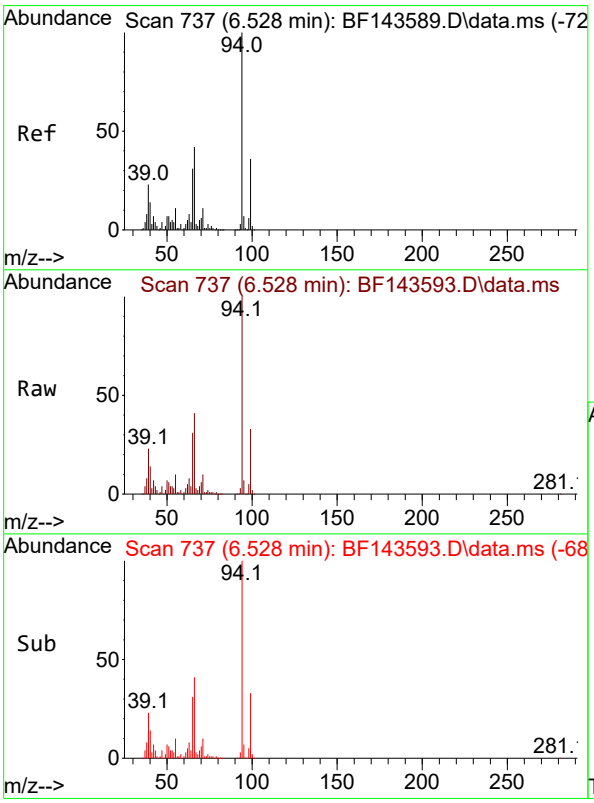
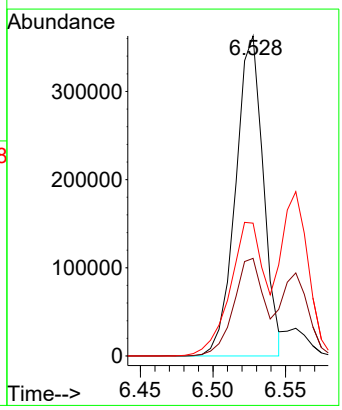
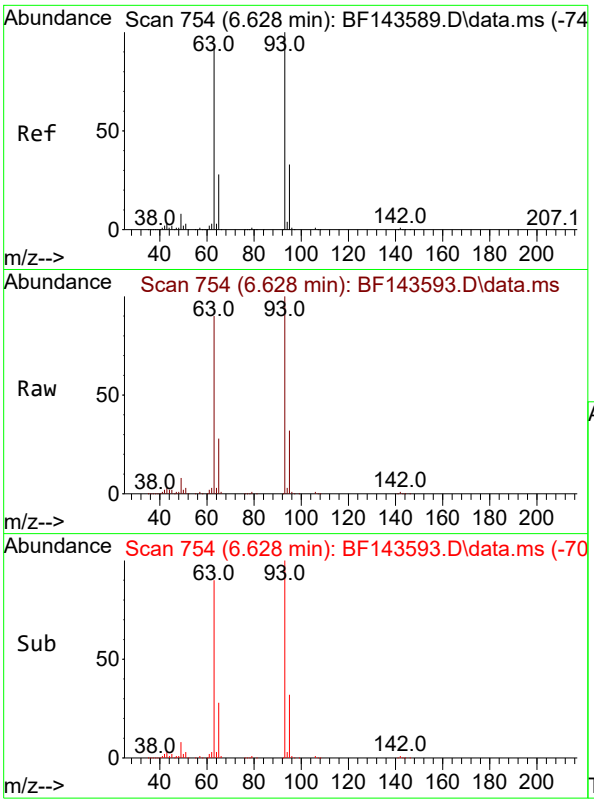


#10
Phenol
Concen: 37.436 ng m
RT: 6.528 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion: 94 Resp: 481885

Ion	Ratio	Lower	Upper
94	100		
65	30.5	11.0	51.0
66	41.5	22.1	62.1

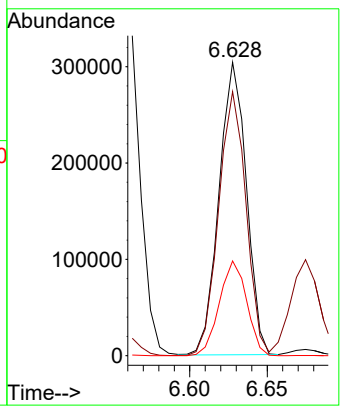




#11
bis(2-Chloroethyl)ether
Concen: 37.848 ng
RT: 6.628 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion: 93 Resp: 37332

Ion	Ratio	Lower	Upper
93	100		
63	90.0	72.1	112.1
95	32.3	12.8	52.8



Instrument :
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ClientSampleId :
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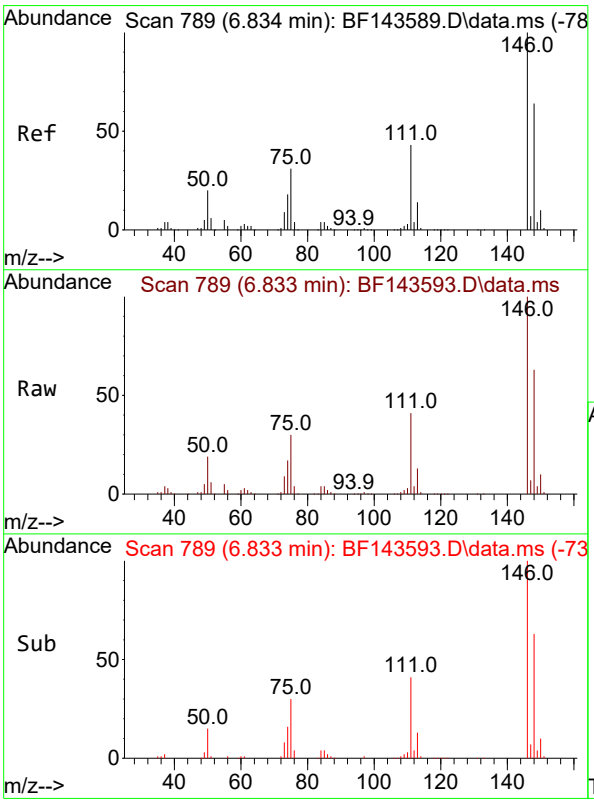
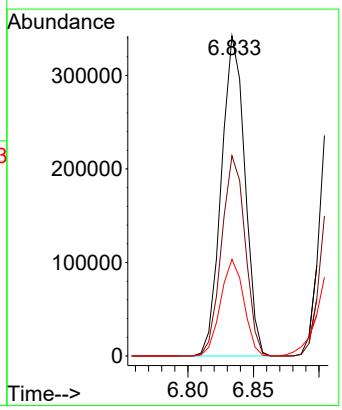
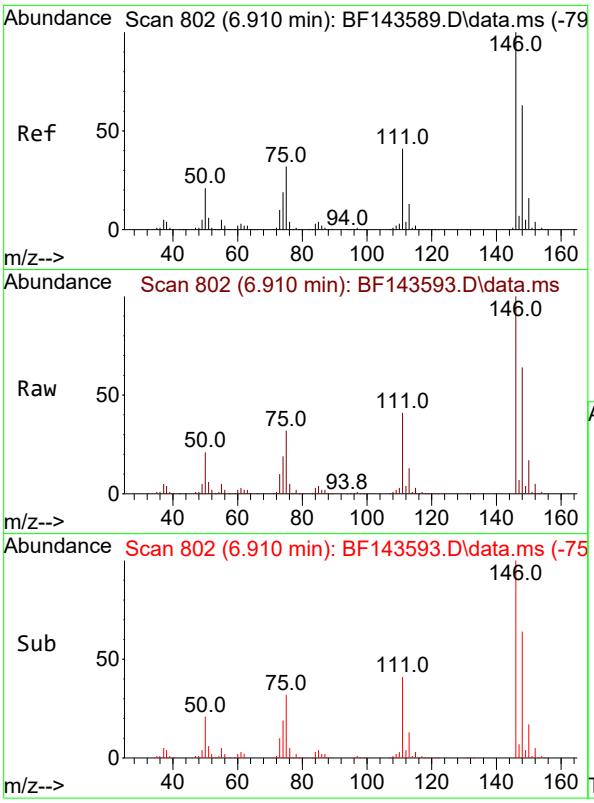


#12
1,3-Dichlorobenzene
Concen: 37.867 ng
RT: 6.833 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:146 Resp: 426428

Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.1	76.7
75	30.2	25.2	37.8

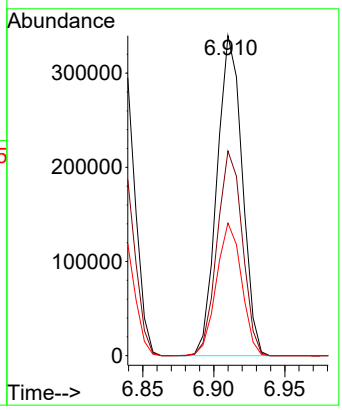




#13
1,4-Dichlorobenzene
Concen: 36.881 ng
RT: 6.910 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:146 Resp: 41878

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	75.8
111	41.5	32.4	48.6



Instrument :
BNA_F
ClientSampleId :
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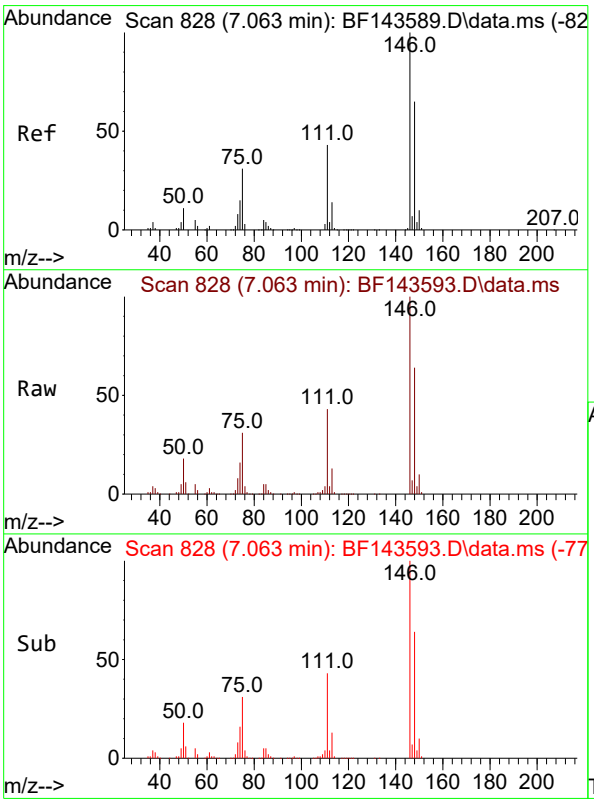
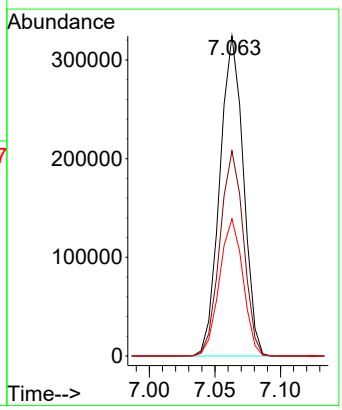
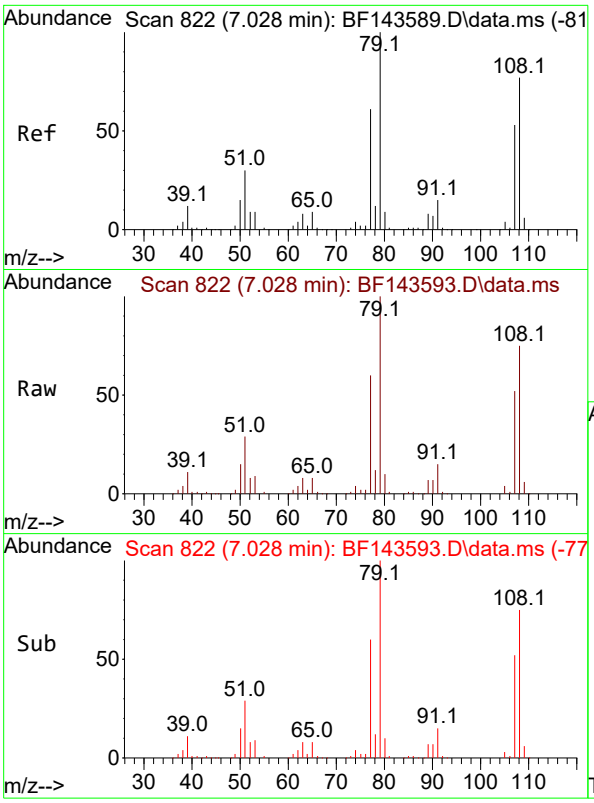


#14
1,2-Dichlorobenzene
Concen: 37.588 ng
RT: 7.063 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:146 Resp: 404850

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.7	77.5
111	42.8	34.7	52.1





#15
Benzyl Alcohol
Concen: 39.558 ng
RT: 7.028 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion: 79 Resp: 34025

Ion	Ratio	Lower	Upper
79	100		
108	75.5	61.3	91.9
77	60.3	48.7	73.1

Instrument :
BNA_F
ClientSampleId :
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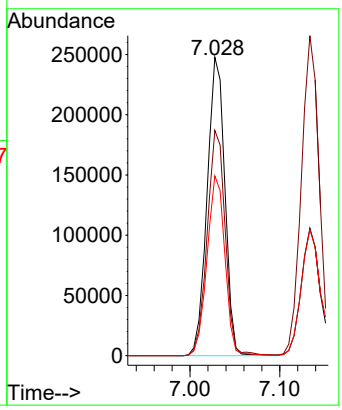
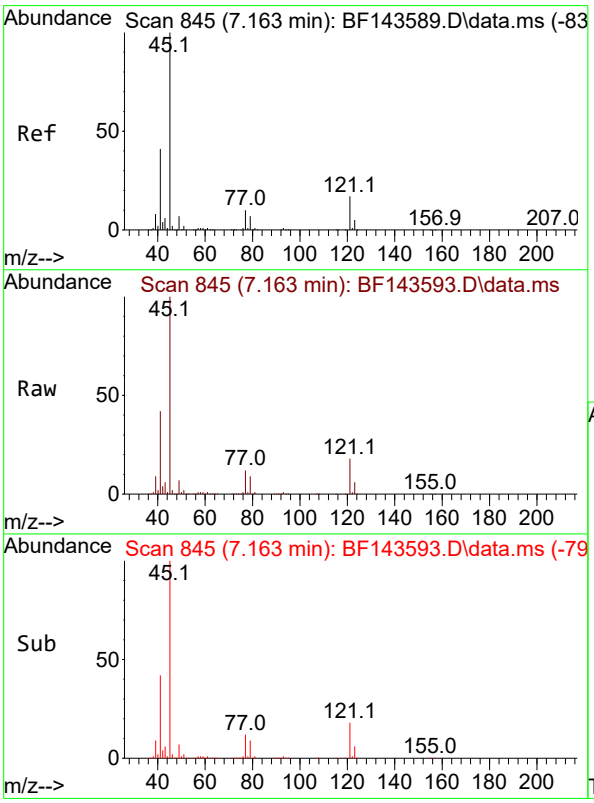
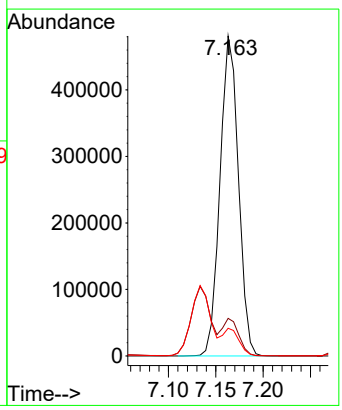


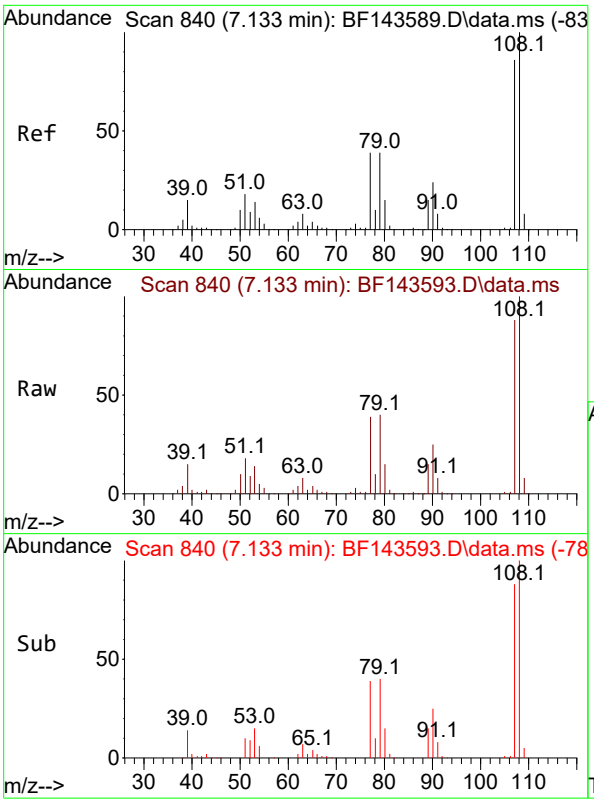


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.785 ng
RT: 7.163 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion: 45 Resp: 651543

Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	31.1
79	8.6	0.0	28.1

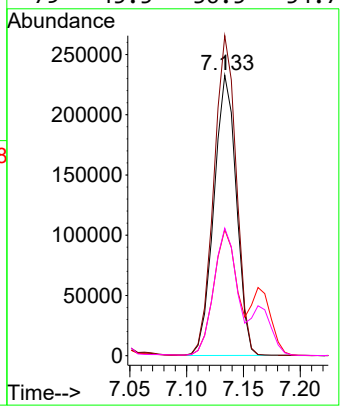




#17
2-Methylphenol
Concen: 38.406 ng
RT: 7.133 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:107 Resp: 31964

Ion	Ratio	Lower	Upper
107	100		
108	114.1	92.6	138.8
77	45.0	36.3	54.5
79	45.5	36.5	54.7



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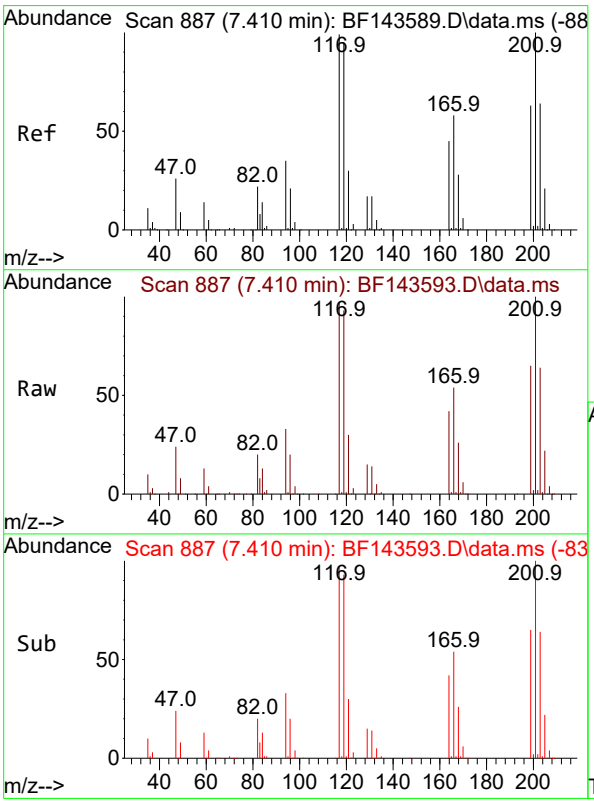
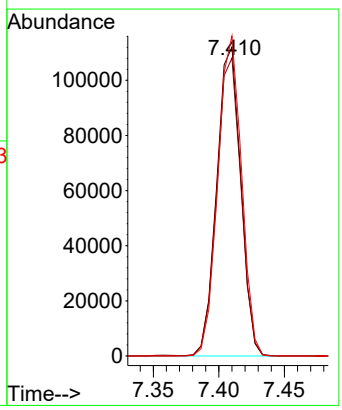
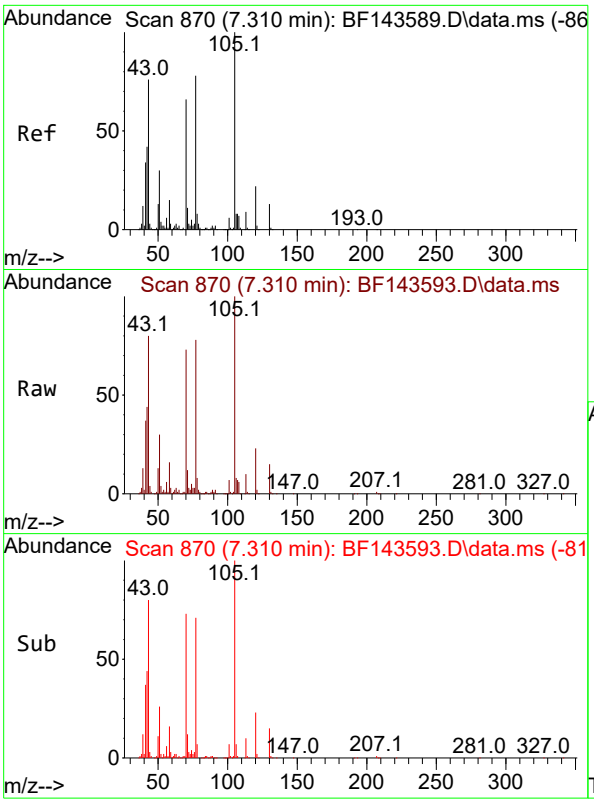


#18
Hexachloroethane
Concen: 39.621 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:117 Resp: 142953

Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.6	115.0
201	103.6	81.0	121.4

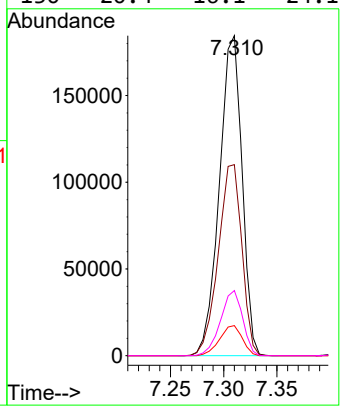




#19
n-Nitroso-di-n-propylamine
Concen: 37.543 ng
RT: 7.310 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion: 70 Resp: 27296

Ion	Ratio	Lower	Upper
70	100		
42	59.7	50.6	75.8
101	9.4	7.5	11.3
130	20.4	16.1	24.1



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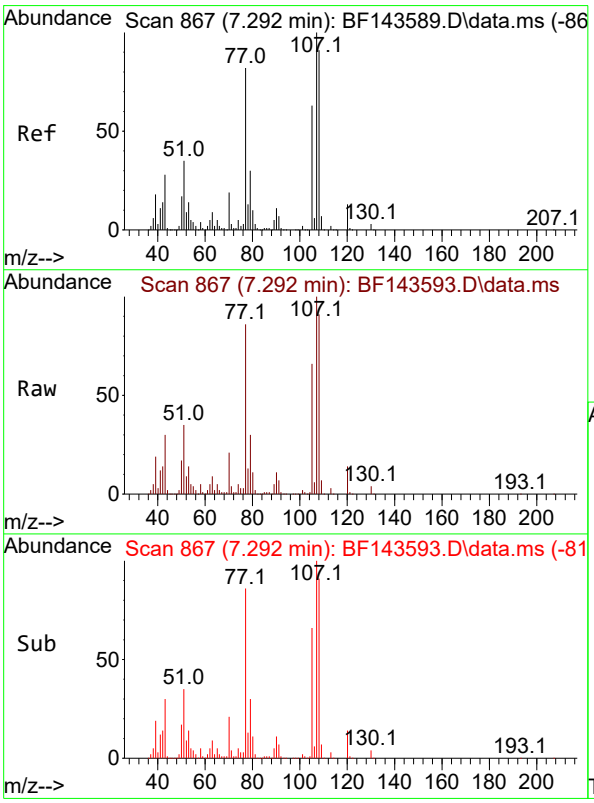
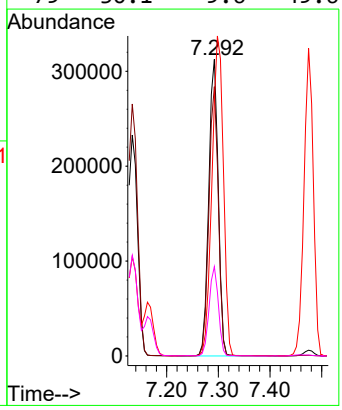
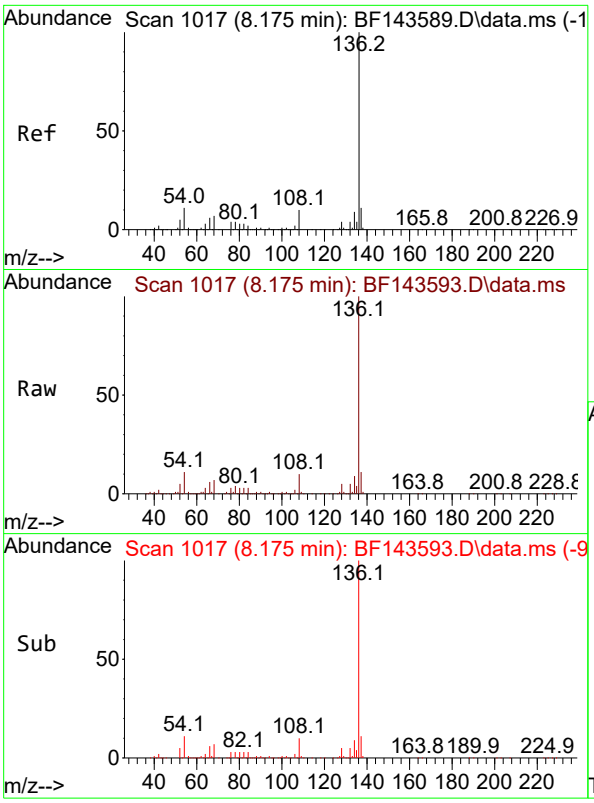


#20
3+4-Methylphenols
Concen: 39.240 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:107 Resp: 401106

Ion	Ratio	Lower	Upper
107	100		
108	90.8	71.1	111.1
77	85.6	62.5	102.5
79	30.1	9.6	49.6

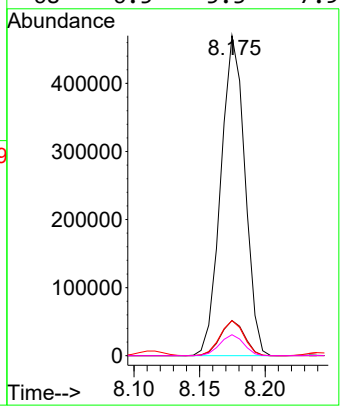




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:136 Resp: 60111

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	11.0	9.0	13.6
68	6.5	5.3	7.9



Instrument :
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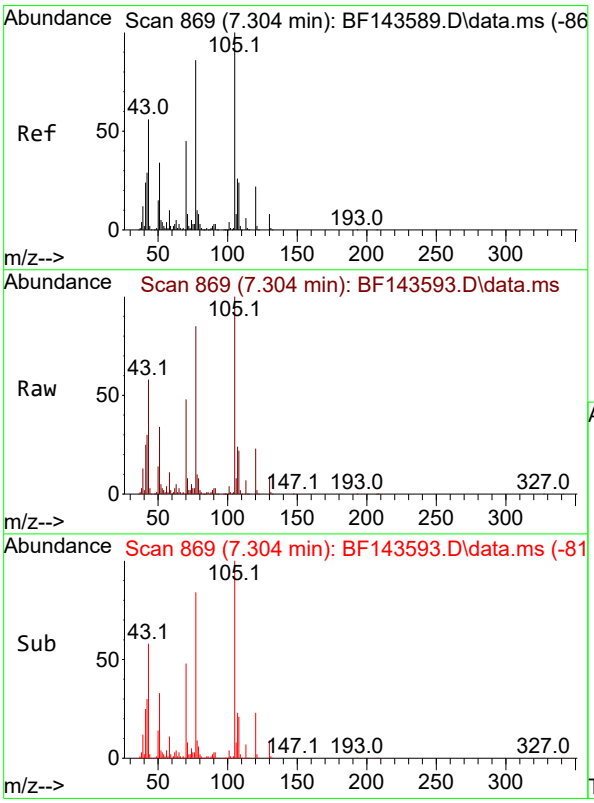
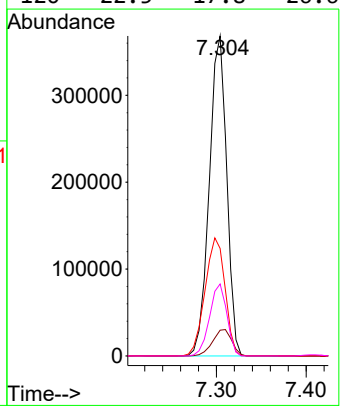
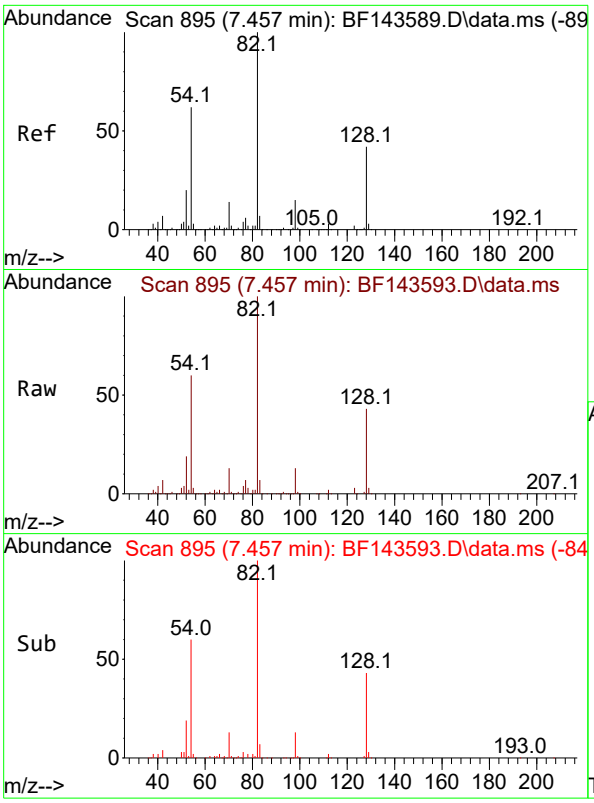


#22
Acetophenone
Concen: 36.725 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:105 Resp: 497165

Ion	Ratio	Lower	Upper
105	100		
71	8.1	6.0	9.0
51	33.6	27.0	40.6
120	22.5	17.8	26.6

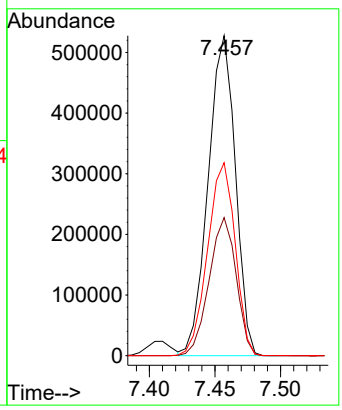




#23
Nitrobenzene-d5
Concen: 90.545 ng
RT: 7.457 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion: 82 Resp: 76228

Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.4	50.2
54	60.3	49.3	73.9



Instrument :
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ClientSampleId :
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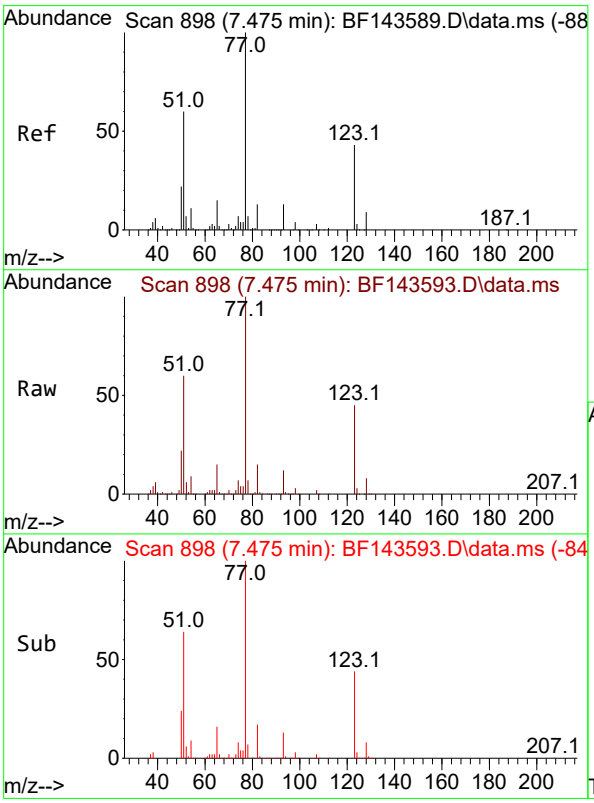
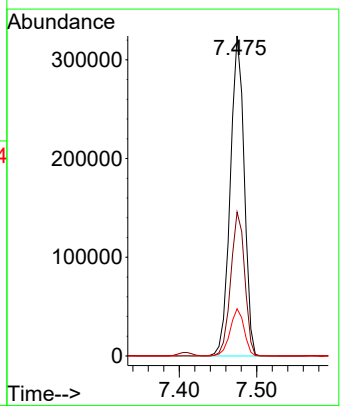
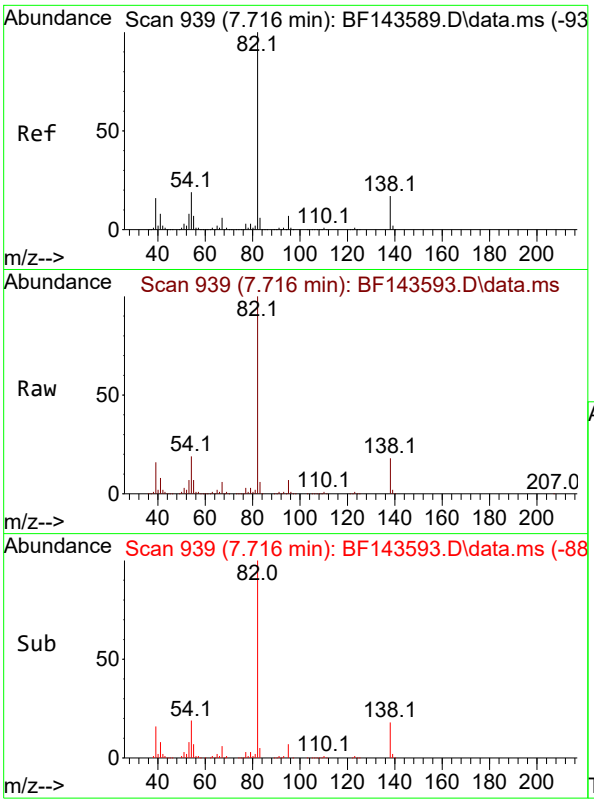


#24
Nitrobenzene
Concen: 45.083 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion: 77 Resp: 406914

Ion	Ratio	Lower	Upper
77	100		
123	45.0	34.9	52.3
65	14.8	12.0	18.0

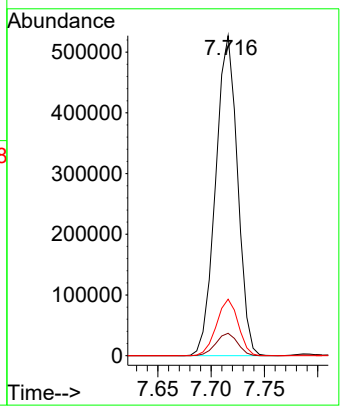




#25
Isophorone
Concen: 38.216 ng
RT: 7.716 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion: 82 Resp: 75291

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.5	8.3
138	17.6	13.8	20.8



Instrument :
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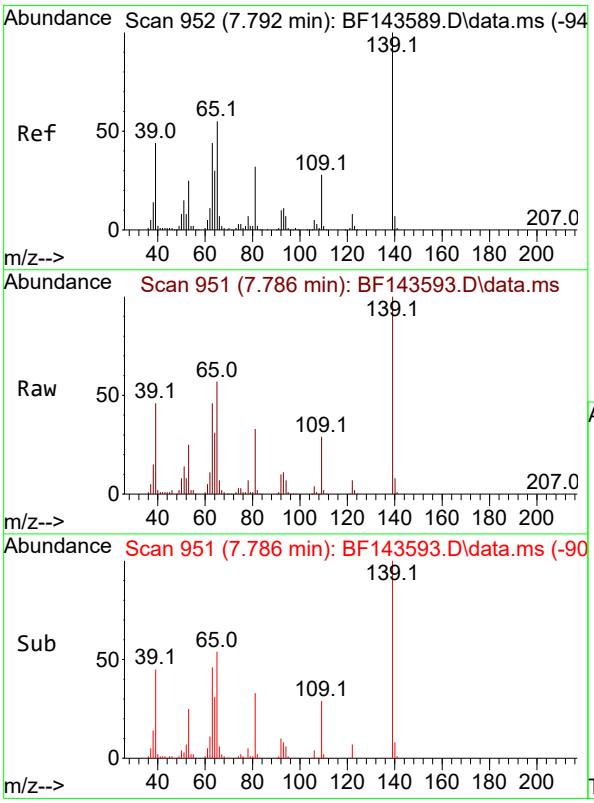
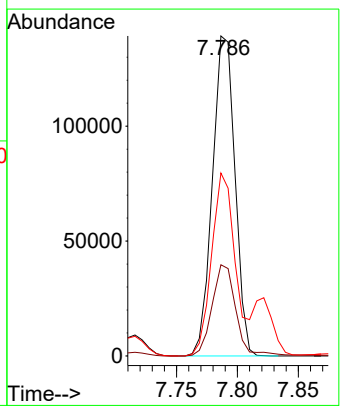
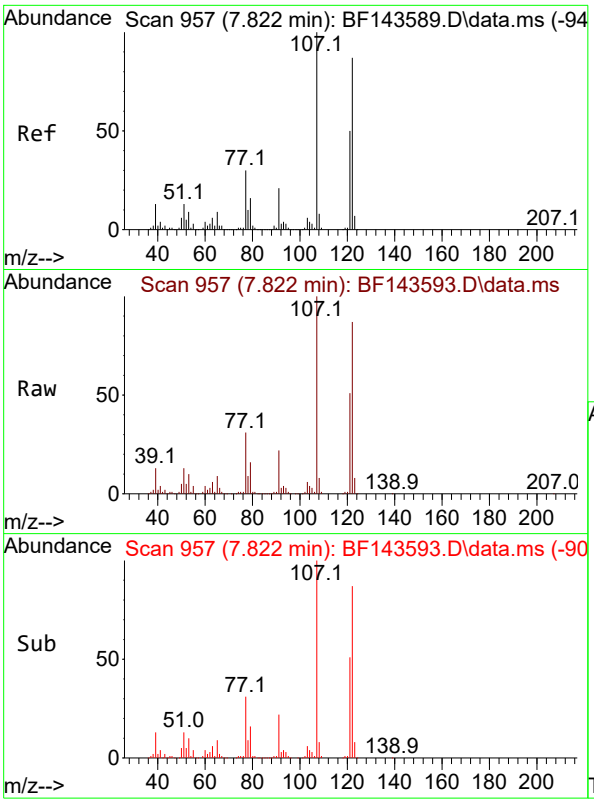


#26
2-Nitrophenol
Concen: 48.492 ng
RT: 7.786 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:139 Resp: 179721

Ion	Ratio	Lower	Upper
139	100		
109	28.5	22.3	33.5
65	57.2	44.0	66.0

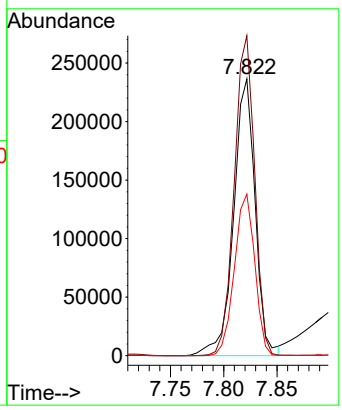




#27
2,4-Dimethylphenol
Concen: 38.915 ng
RT: 7.822 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:122 Resp: 33358

Ion	Ratio	Lower	Upper
122	100		
107	115.6	92.1	138.1
121	58.4	46.2	69.4



Instrument :
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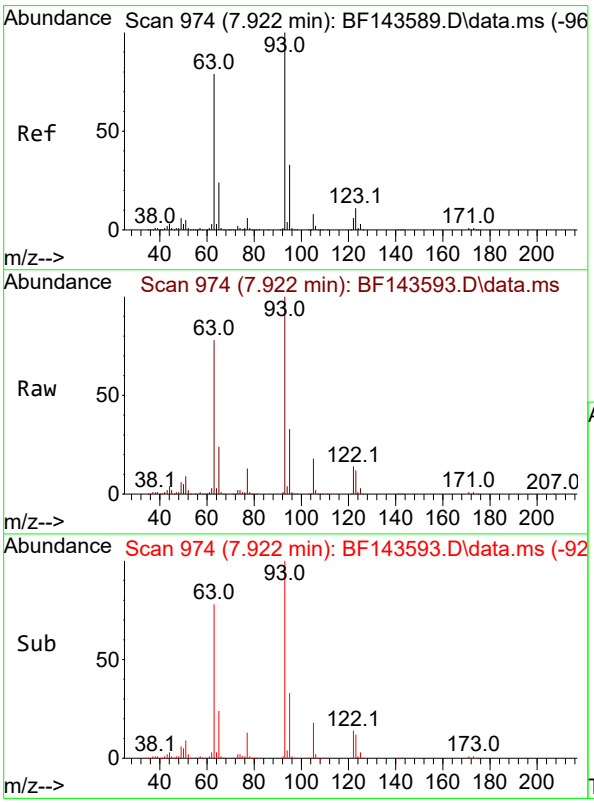
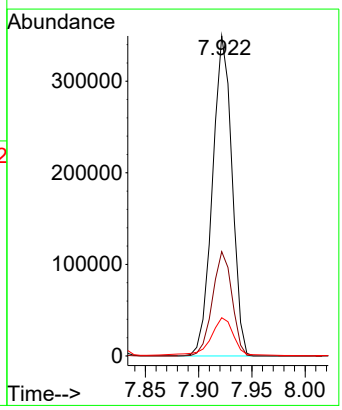
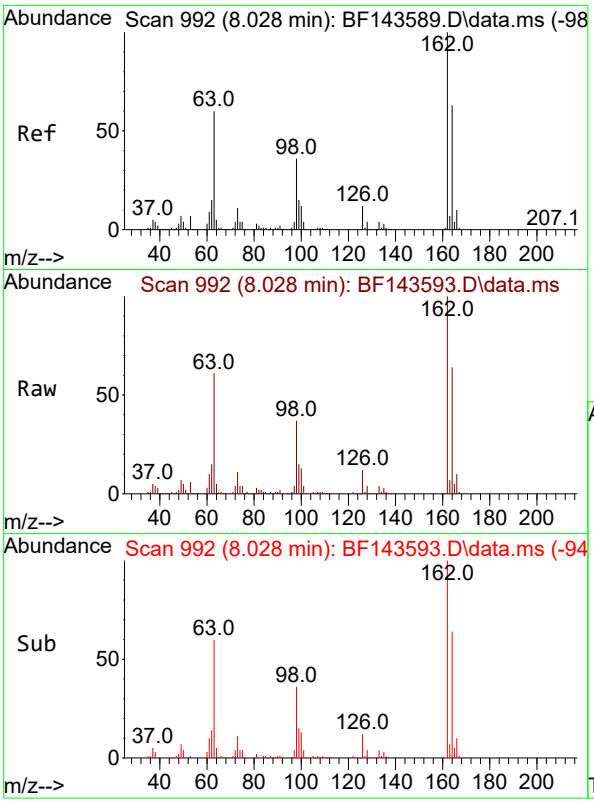


#28
bis(2-Chloroethoxy)methane
Concen: 37.415 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion: 93 Resp: 445985

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.2
123	12.0	9.3	13.9

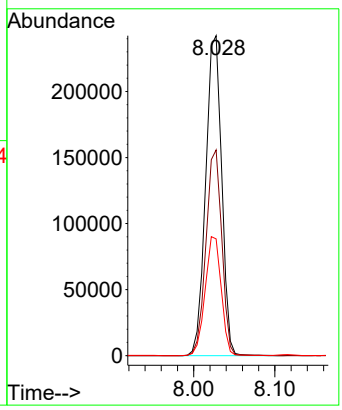




#29
2,4-Dichlorophenol
Concen: 40.096 ng
RT: 8.028 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:162 Resp: 33115

Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.3	83.3
98	36.5	16.1	56.1



Instrument :
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ClientSampleId :
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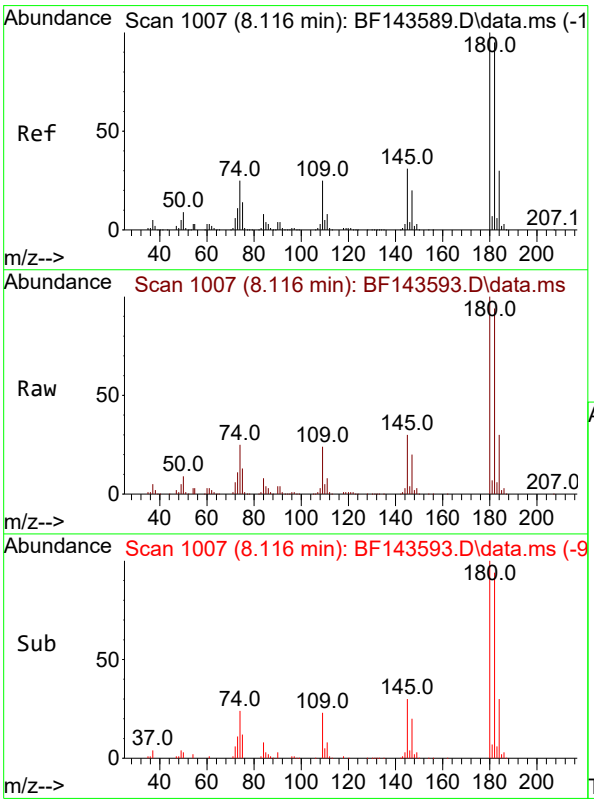
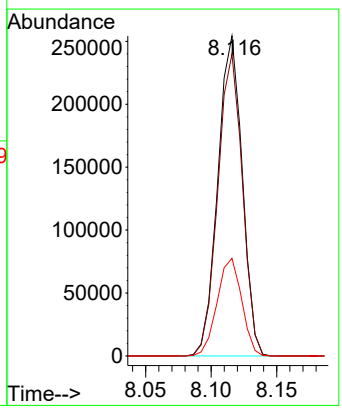
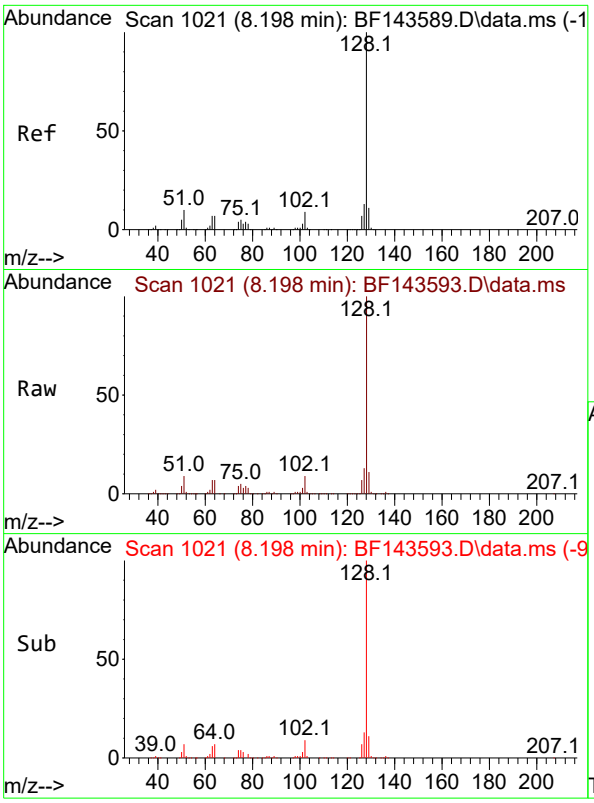


#30
1,2,4-Trichlorobenzene
Concen: 38.104 ng
RT: 8.116 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:180 Resp: 328582

Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.8	113.6
145	30.5	24.5	36.7

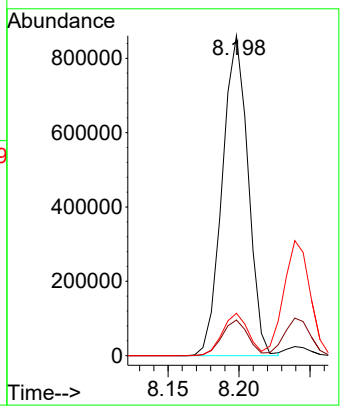




#31
Naphthalene
Concen: 37.406 ng
RT: 8.198 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:128 Resp: 108635

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.2	10.6	15.8



Instrument :
BNA_F
ClientSampleId :
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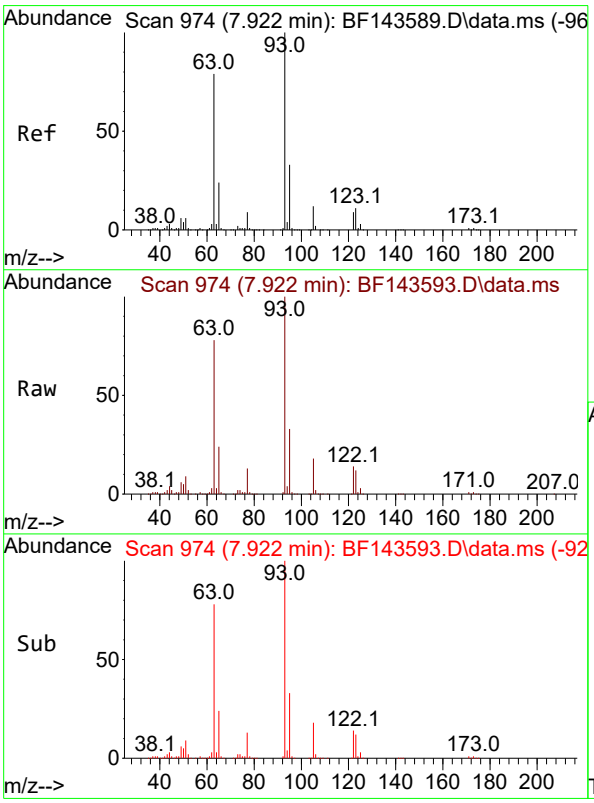
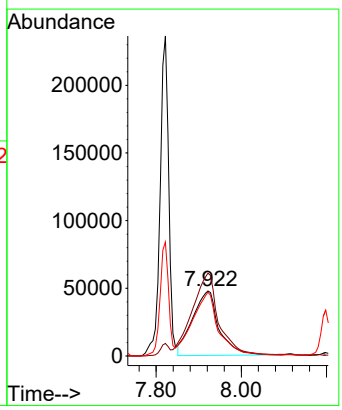
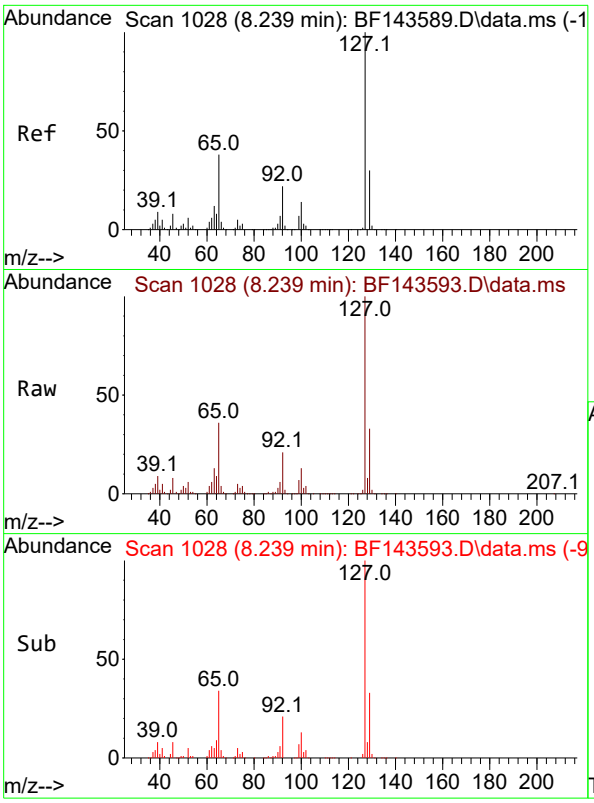


#32
Benzoic acid
Concen: 47.270 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:122 Resp: 206022

Ion	Ratio	Lower	Upper
122	100		
105	127.2	106.4	146.4
77	97.9	79.3	119.3

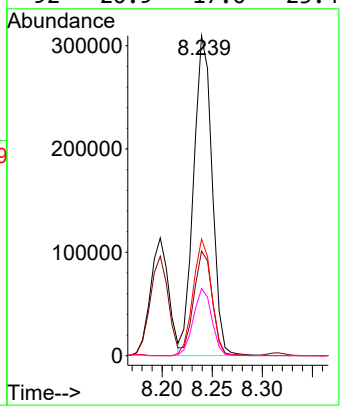




#33
4-Chloroaniline
Concen: 38.775 ng
RT: 8.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:127 Resp: 39783

Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.6
65	36.4	29.7	44.5
92	20.9	17.0	25.4



Instrument :
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ClientSampleId :
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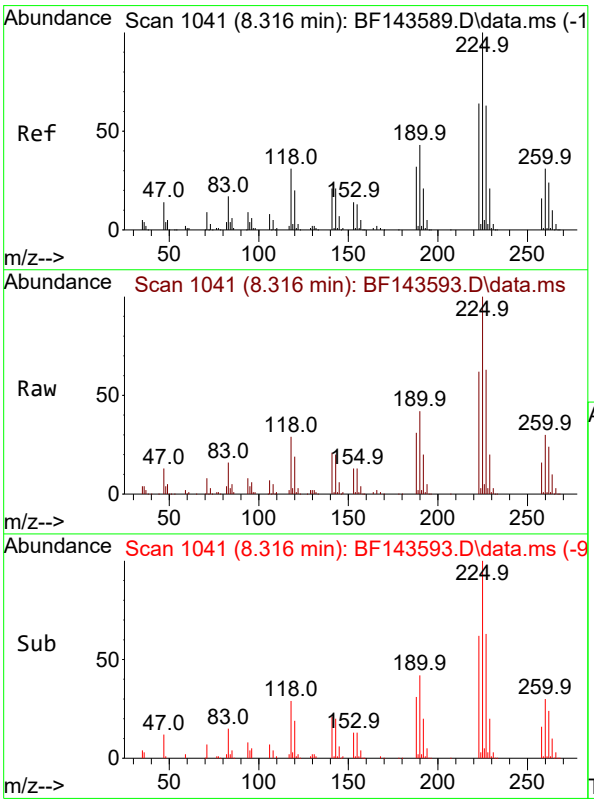
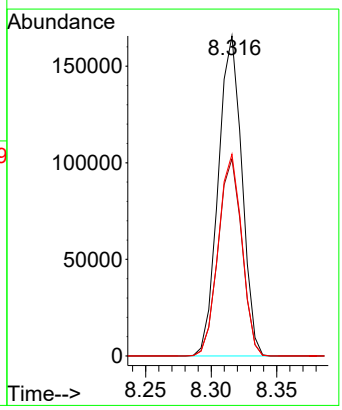
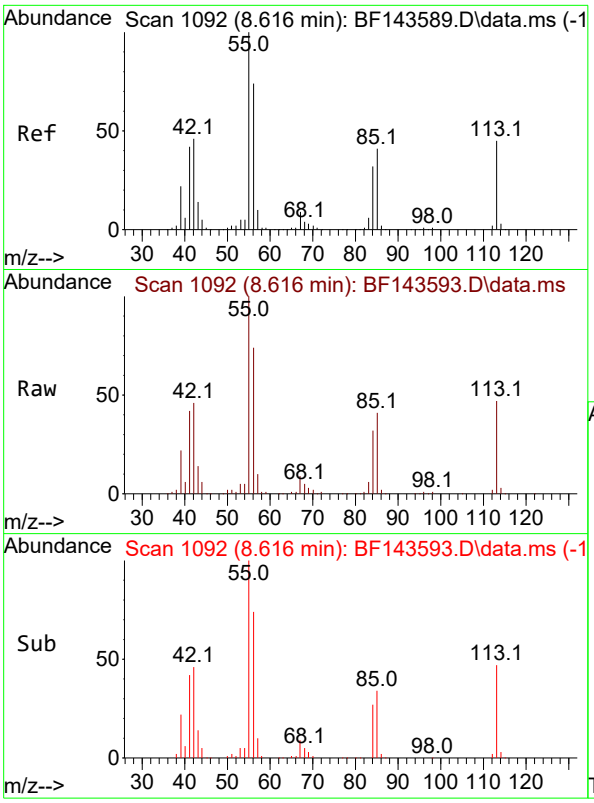


#34
Hexachlorobutadiene
Concen: 38.188 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:225 Resp: 207506

Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.8	76.2
227	63.1	50.6	76.0

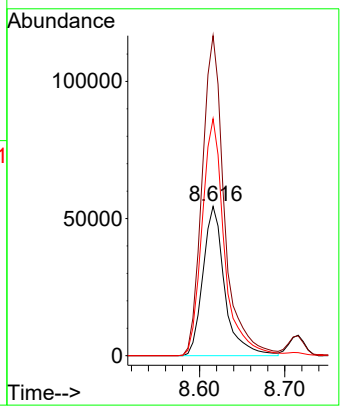




#35
Caprolactam
Concen: 41.278 ng
RT: 8.616 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:113 Resp: 9685

Ion	Ratio	Lower	Upper
113	100		
55	214.3	202.1	242.1
56	158.7	145.4	185.4



Instrument :
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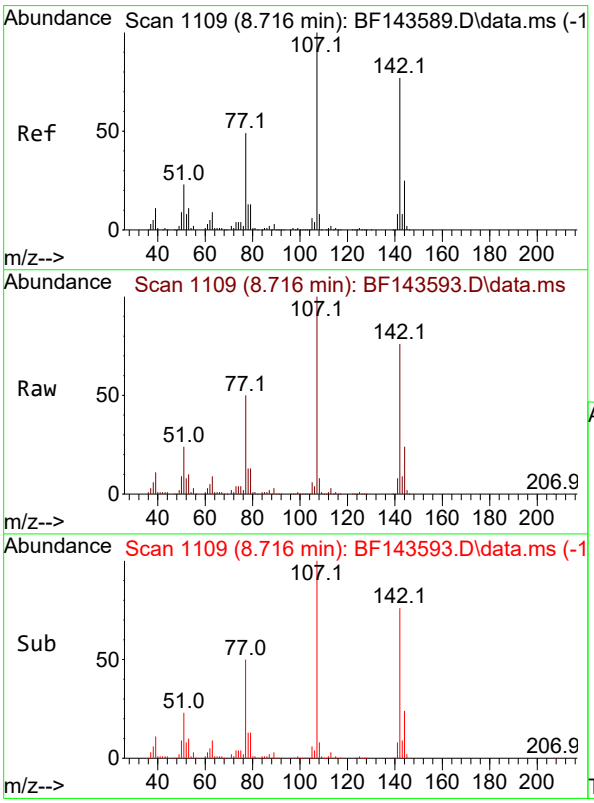
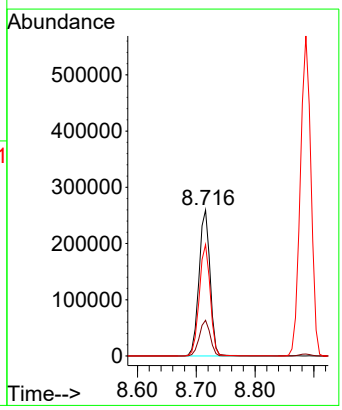
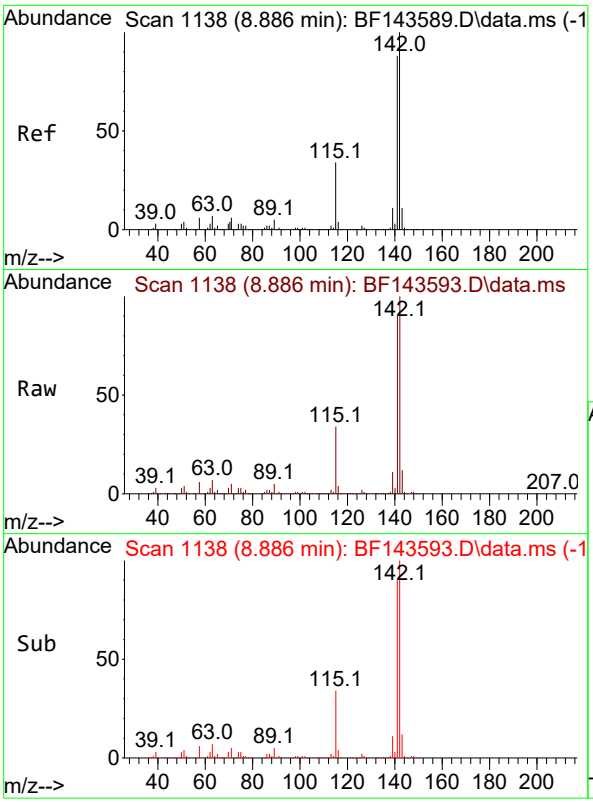


#36
4-Chloro-3-methylphenol
Concen: 39.260 ng
RT: 8.716 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:107 Resp: 338996

Ion	Ratio	Lower	Upper
107	100		
144	24.4	19.8	29.6
142	76.4	61.7	92.5





#37
2-Methylnaphthalene
Concen: 37.231 ng
RT: 8.886 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:142 Resp: 71407

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.2	105.4

Instrument :
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ClientSampleId :
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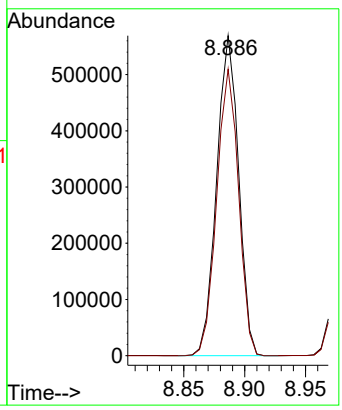
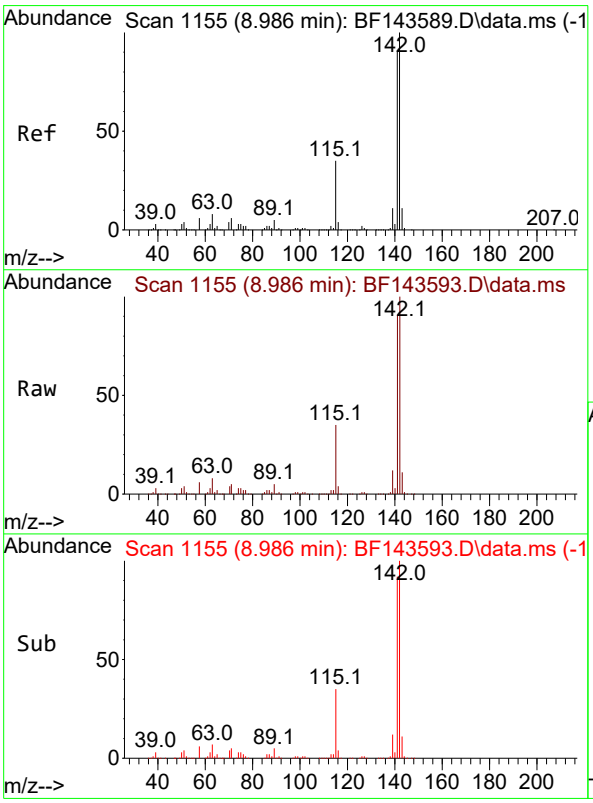
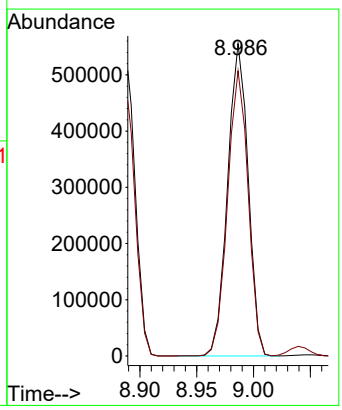


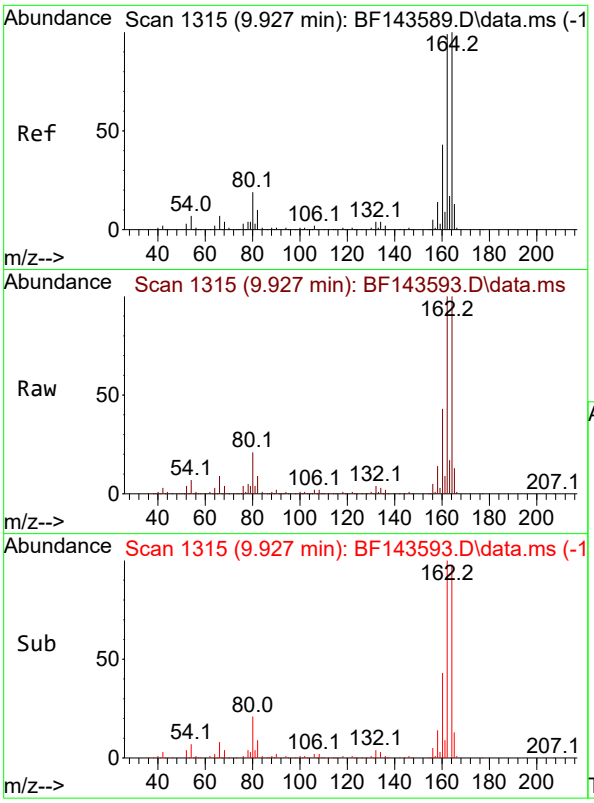


#38
1-Methylnaphthalene
Concen: 37.750 ng
RT: 8.986 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:142 Resp: 698764

Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.6	109.0

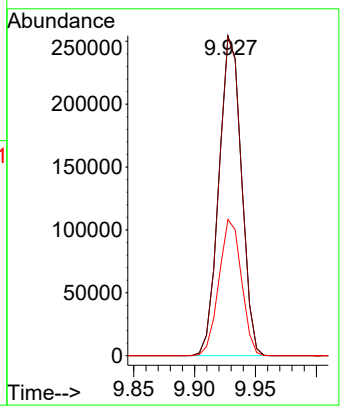




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:164 Resp: 32715

Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.5	119.3
160	42.5	34.2	51.4



Instrument :
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ClientSampleId :
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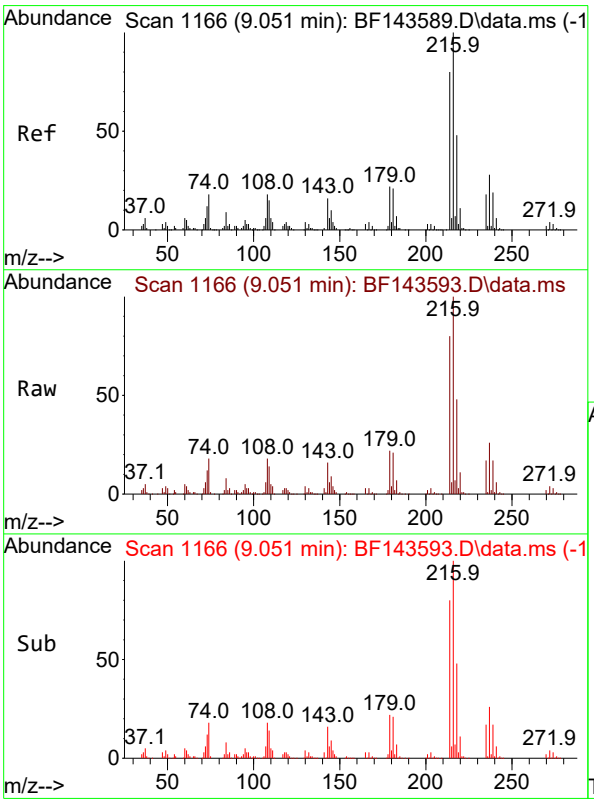
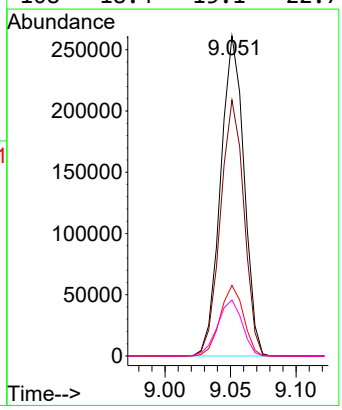
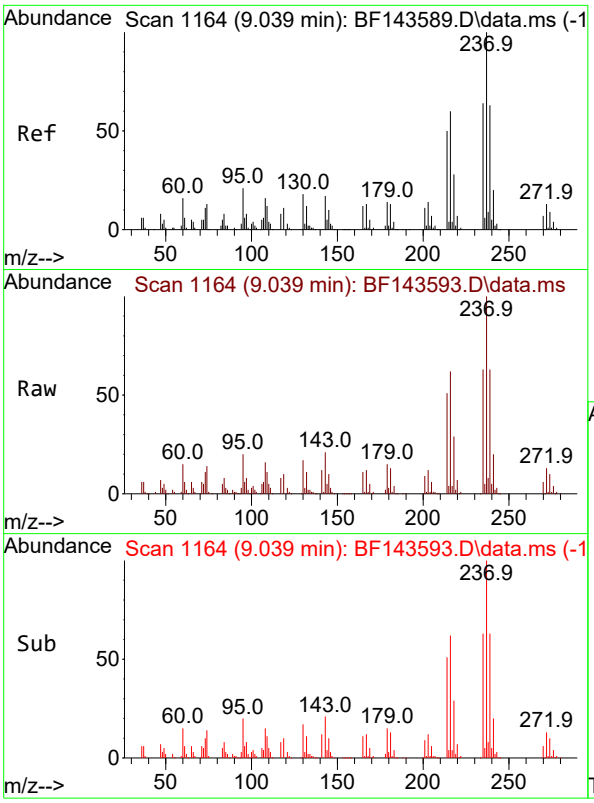


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.097 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:216 Resp: 324187

Ion	Ratio	Lower	Upper
216	100		
214	80.1	64.1	96.1
179	21.9	17.4	26.0
108	18.4	15.1	22.7

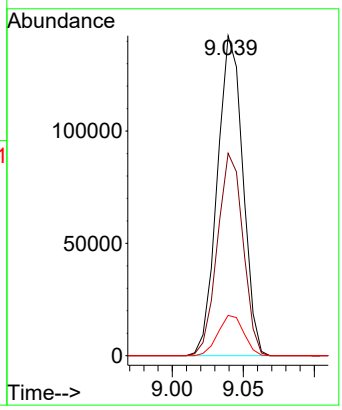




#41
Hexachlorocyclopentadiene
Concen: 42.585 ng
RT: 9.039 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:237 Resp: 17826

Ion	Ratio	Lower	Upper
237	100		
235	63.3	43.8	83.8
272	12.6	0.0	32.8



Instrument :
BNA_F
ClientSampleId :
ICVBF082625

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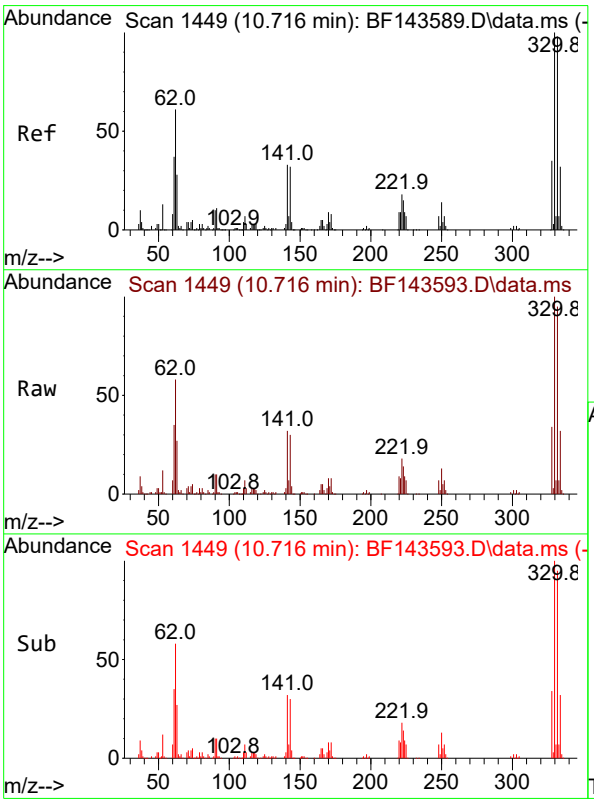
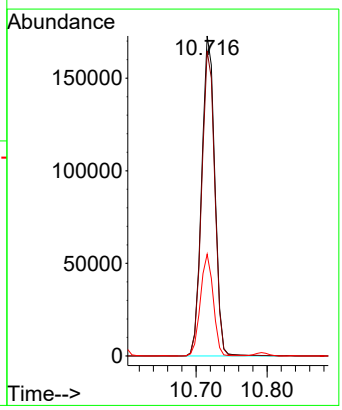
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

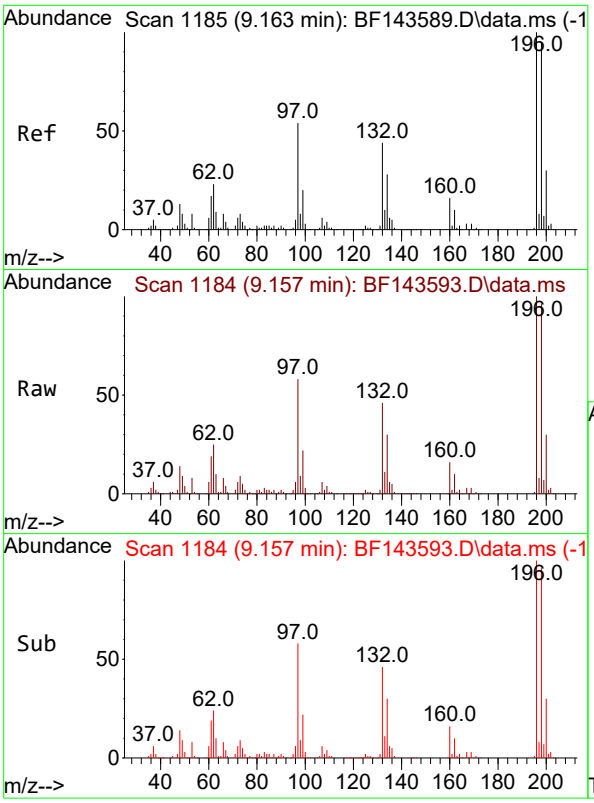


#42
2,4,6-Tribromophenol
Concen: 86.937 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:330 Resp: 222418

Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.2	117.4
141	31.2	25.4	38.0

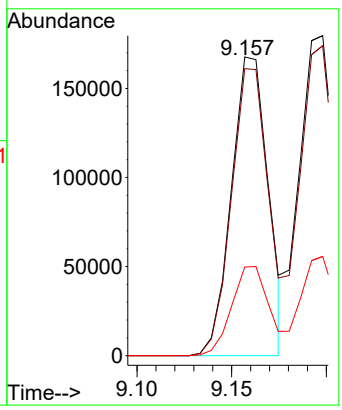




#43
2,4,6-Trichlorophenol
Concen: 40.213 ng
RT: 9.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:196 Resp: 22611

Ion	Ratio	Lower	Upper
196	100		
198	96.1	75.8	113.6
200	29.7	24.2	36.4



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ClientSampleId :
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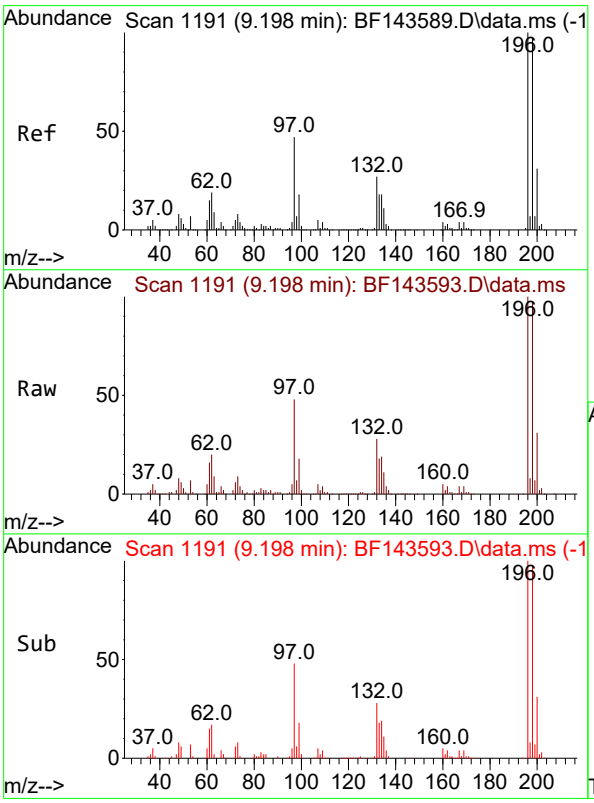
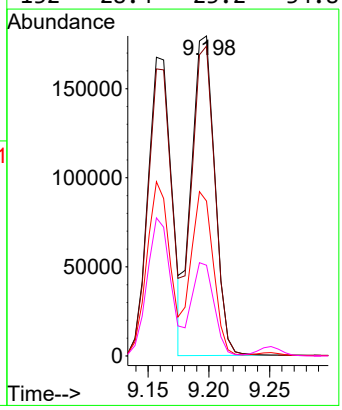
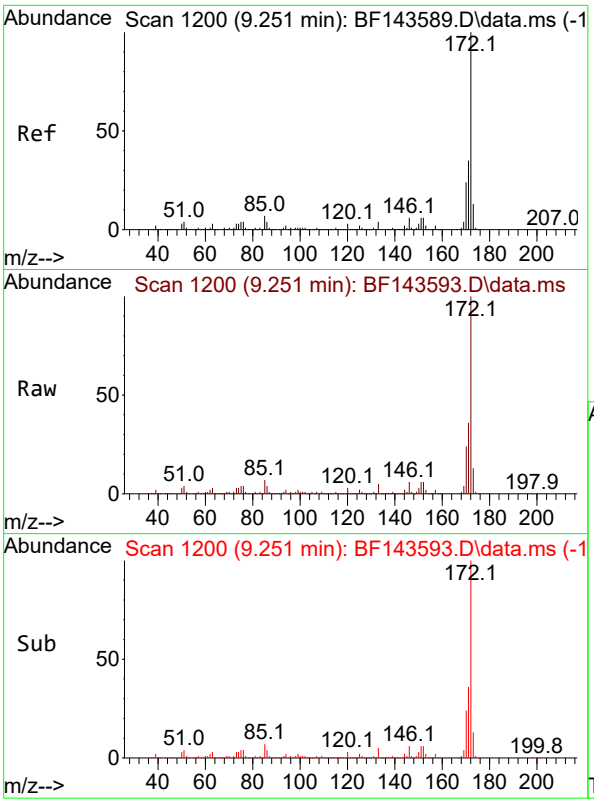


#44
2,4,5-Trichlorophenol
Concen: 42.338 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:196 Resp: 240561

Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.0	115.6
97	48.4	39.3	58.9
132	28.4	23.2	34.8

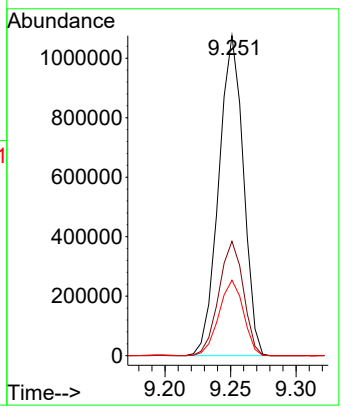




#45
2-Fluorobiphenyl
Concen: 73.456 ng
RT: 9.251 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:172 Resp: 140553

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.3	42.5
170	23.6	19.0	28.4



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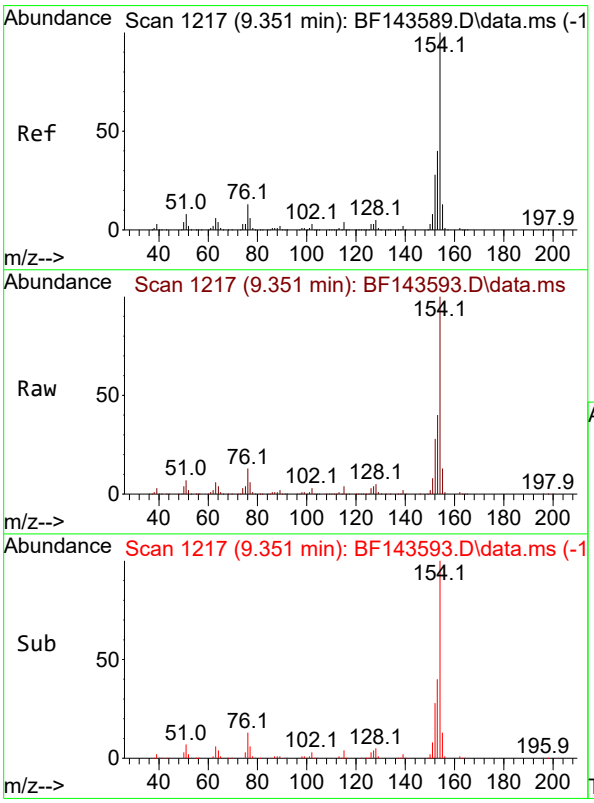
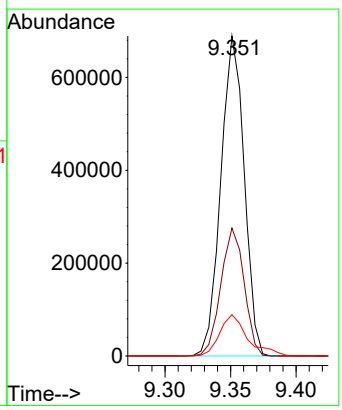
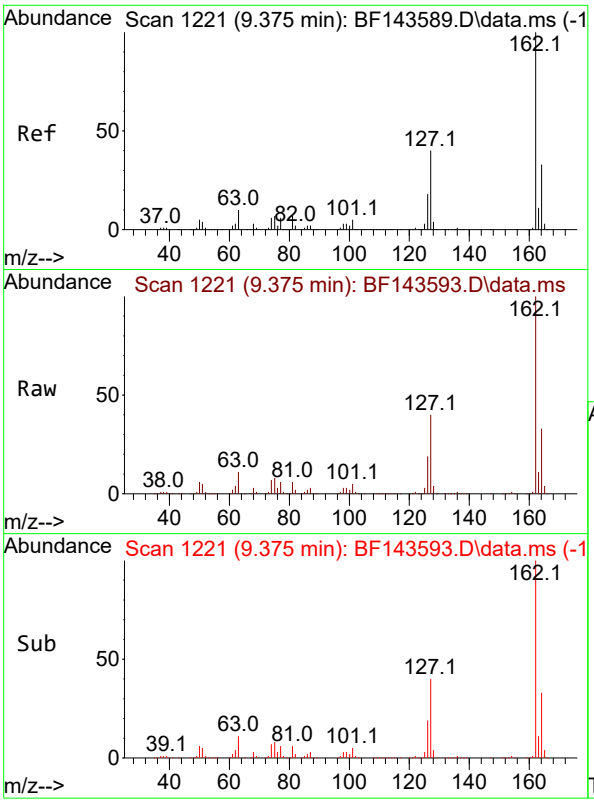


#46
1,1'-Biphenyl
Concen: 37.586 ng
RT: 9.351 min Scan# 1217
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:154 Resp: 853194

Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.1	60.1
76	12.9	0.0	33.0

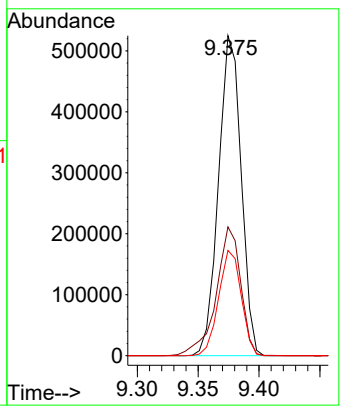




#47
2-Chloronaphthalene
Concen: 37.924 ng
RT: 9.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:162 Resp: 68004

Ion	Ratio	Lower	Upper
162	100		
127	40.2	32.6	48.8
164	32.9	26.1	39.1



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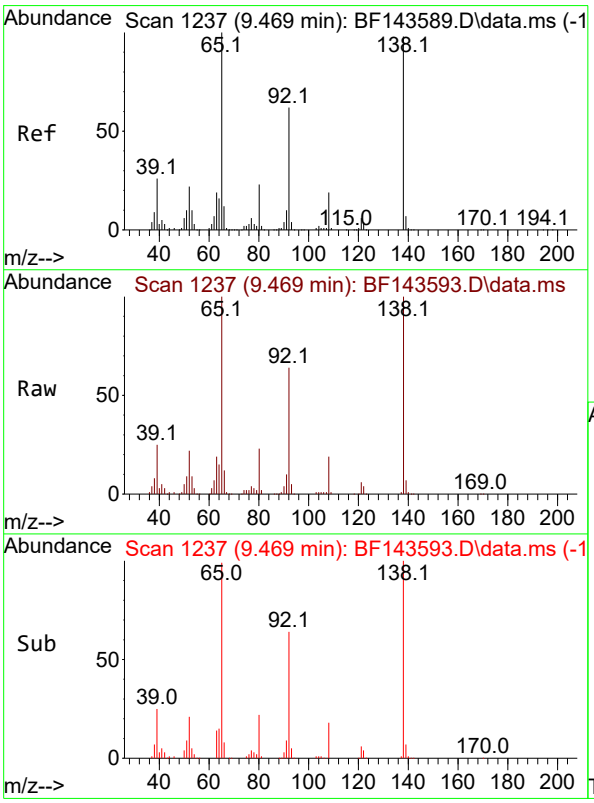
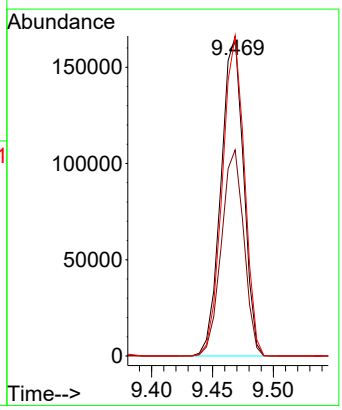
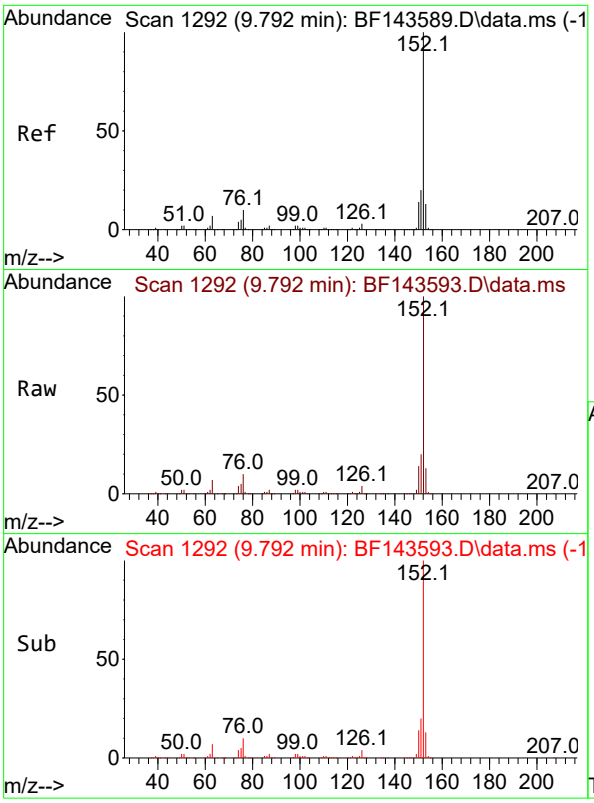


#48
2-Nitroaniline
Concen: 43.371 ng
RT: 9.469 min Scan# 1237
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion: 65 Resp: 213739

Ion	Ratio	Lower	Upper
65	100		
92	64.6	49.6	74.4
138	100.3	78.6	118.0





#49
Acenaphthylene
Concen: 37.621 ng
RT: 9.792 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:152 Resp: 98155

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.1	10.6	15.8

Instrument :
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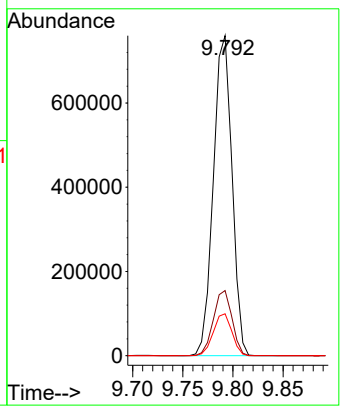
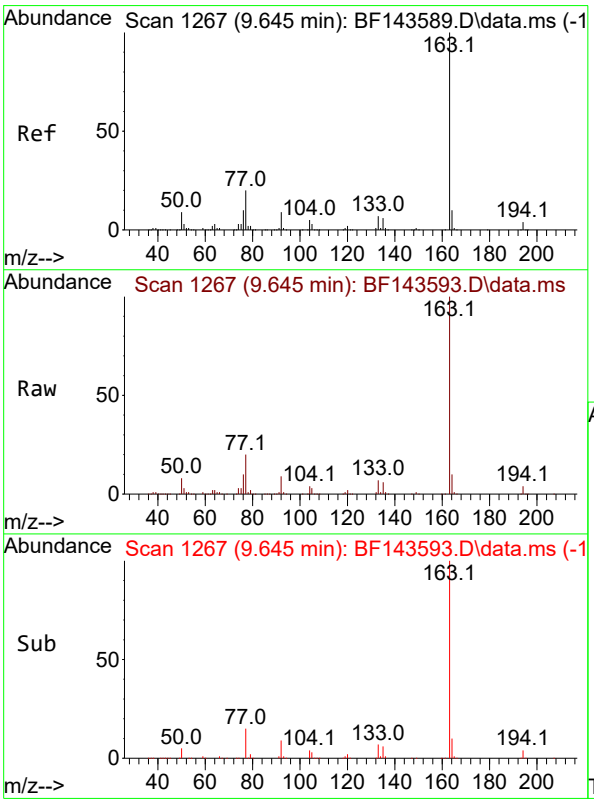
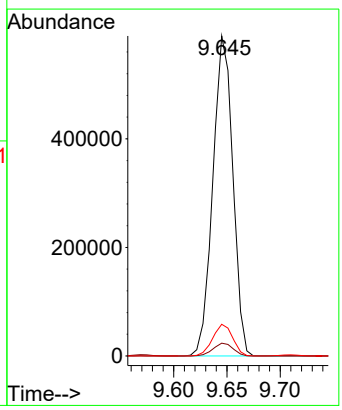


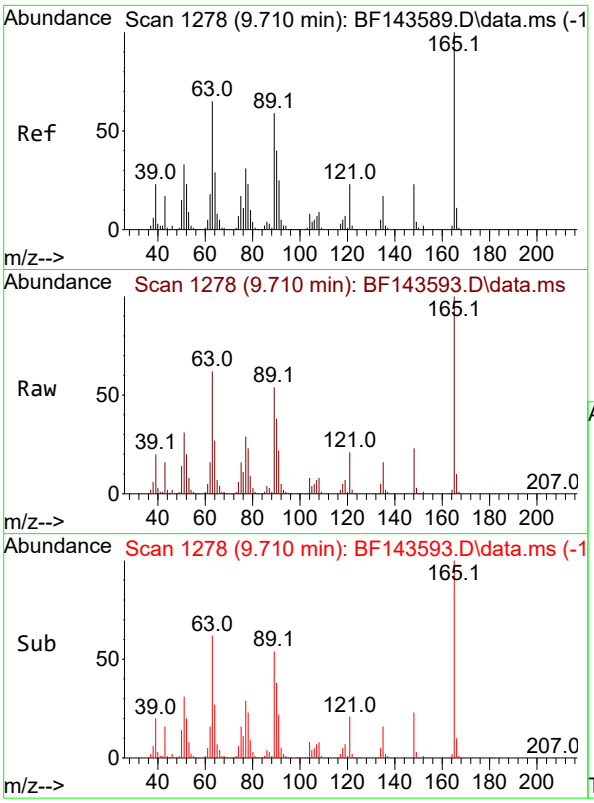


#50
Dimethylphthalate
Concen: 38.260 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:163 Resp: 769901

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	9.9	8.4	12.6





#51
2,6-Dinitrotoluene
Concen: 44.605 ng
RT: 9.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:165 Resp: 14948

Ion	Ratio	Lower	Upper
165	100		
63	61.8	51.8	77.6
89	54.2	47.4	71.2

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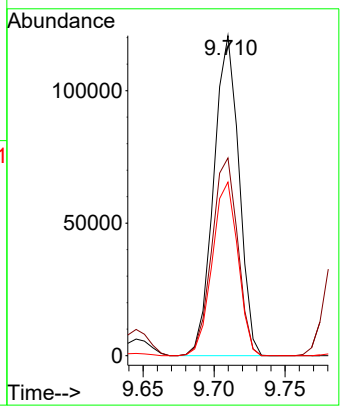
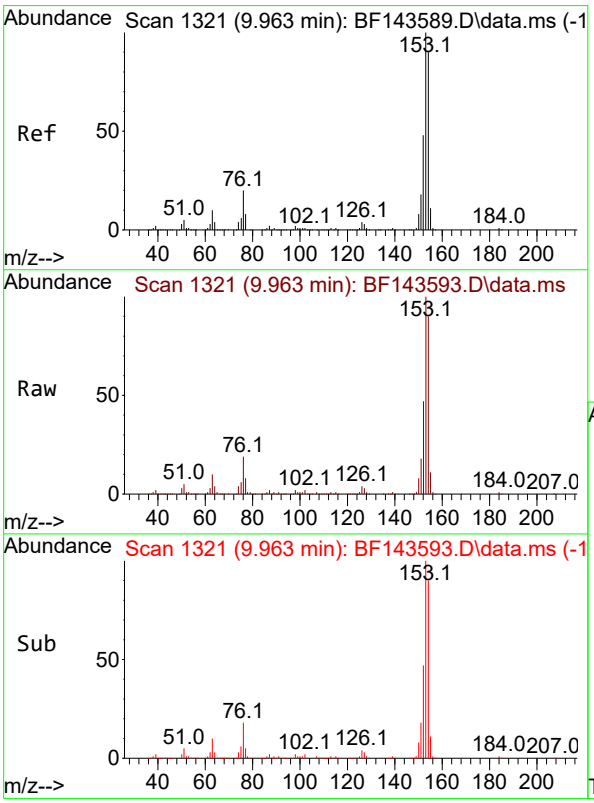
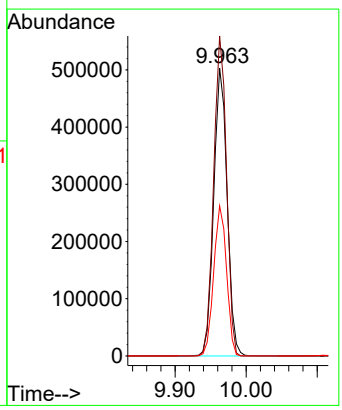


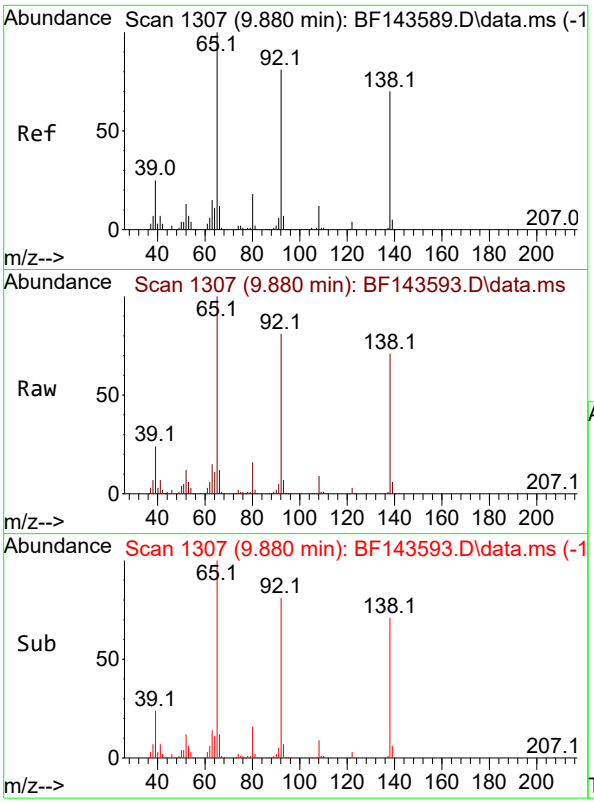


#52
Acenaphthene
Concen: 38.529 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:154 Resp: 658449

Ion	Ratio	Lower	Upper
154	100		
153	111.2	89.0	133.4
152	52.1	42.9	64.3

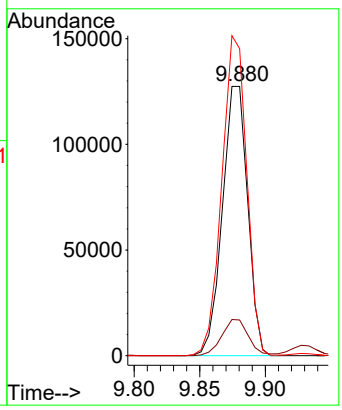




#53
3-Nitroaniline
Concen: 43.240 ng
RT: 9.880 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:138 Resp: 17079

Ion	Ratio	Lower	Upper
138	100		
108	13.2	13.8	20.8#
92	114.0	92.6	139.0



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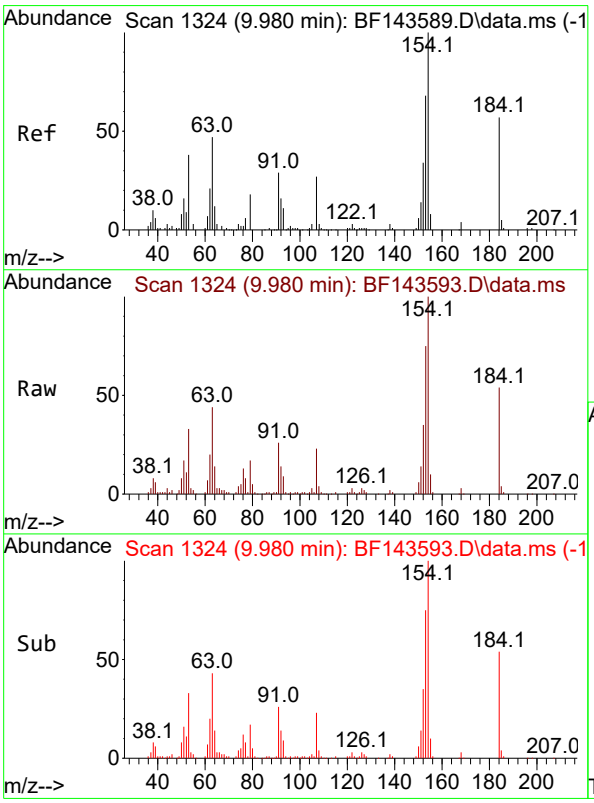
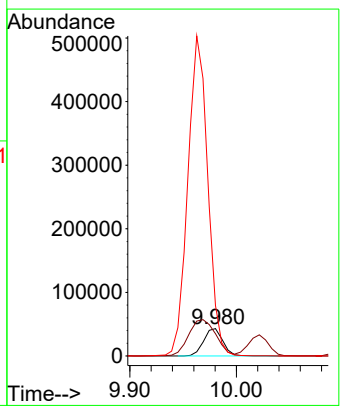
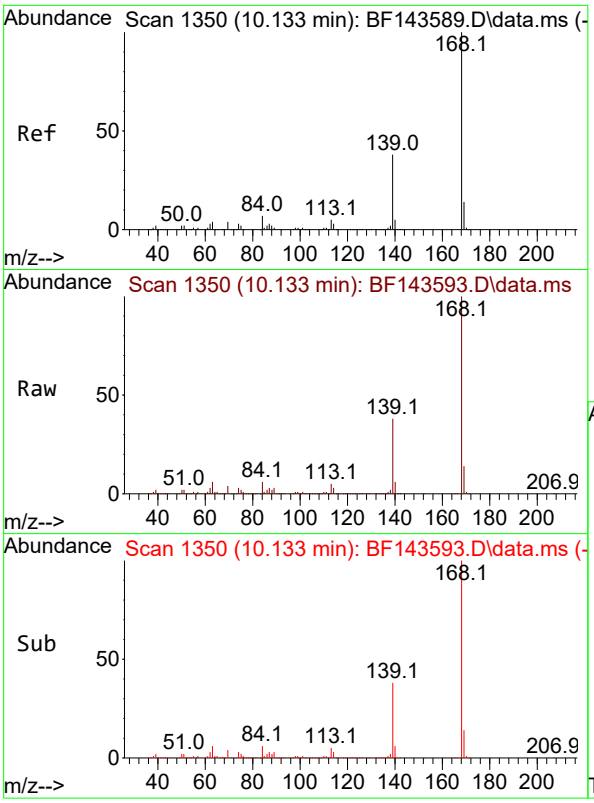


#54
2,4-Dinitrophenol
Concen: 51.246 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:184 Resp: 53959

Ion	Ratio	Lower	Upper
184	100		
63	80.8	80.9	121.3#
154	183.8	262.0	393.0#

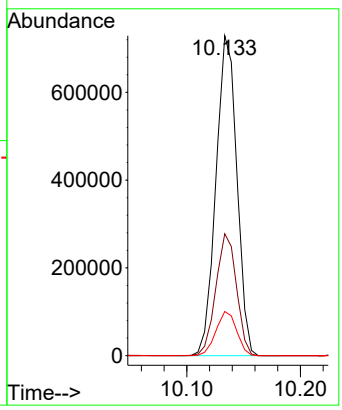




#55
Dibenzofuran
Concen: 37.276 ng
RT: 10.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:168 Resp: 93400

Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.6	46.0
169	13.8	10.9	16.3



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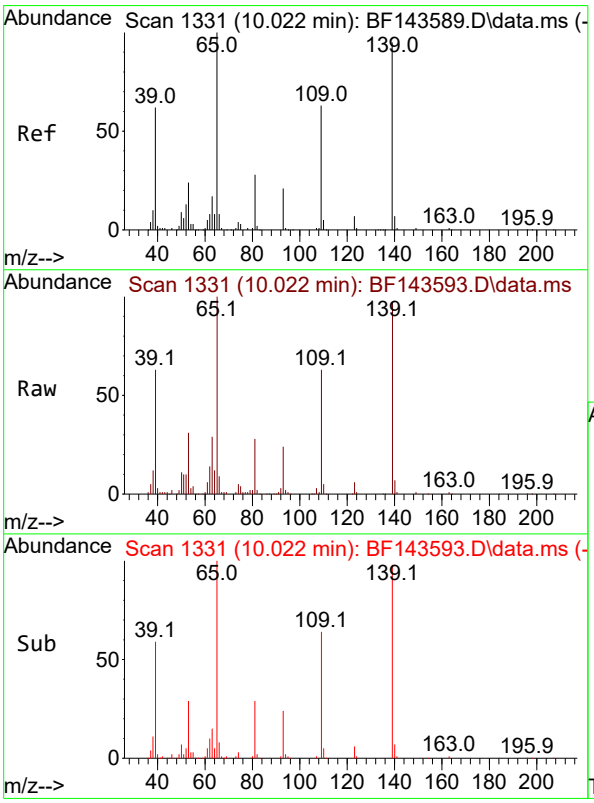
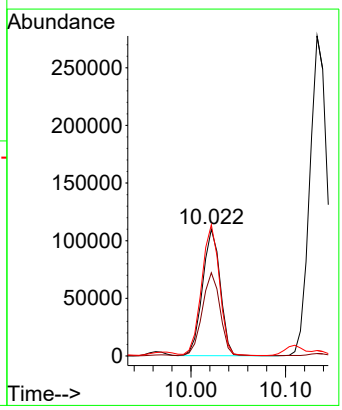
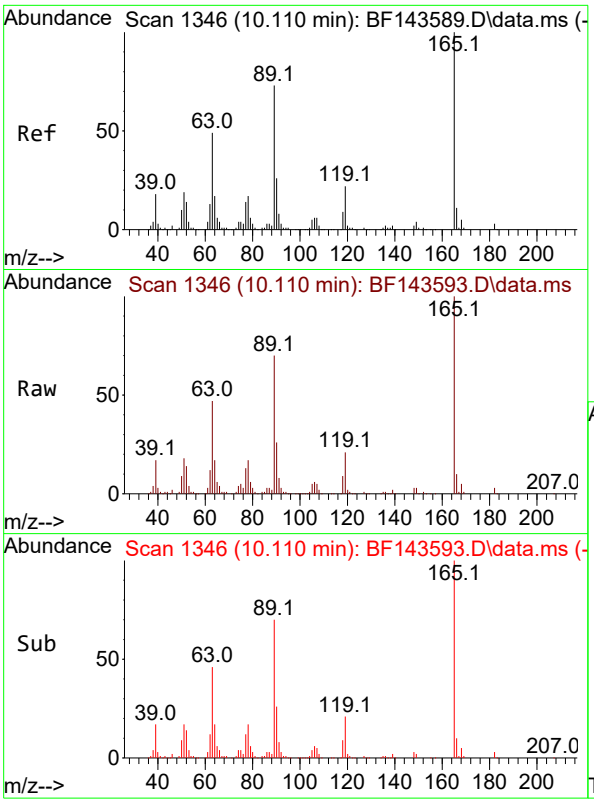


#56
4-Nitrophenol
Concen: 43.838 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:139 Resp: 142962

Ion	Ratio	Lower	Upper
139	100		
109	65.7	47.3	87.3
65	103.5	86.8	126.8

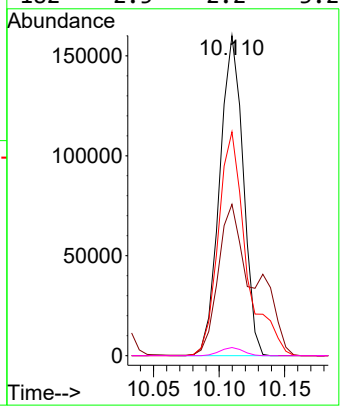




#57
2,4-Dinitrotoluene
Concen: 45.207 ng
RT: 10.110 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:165 Resp: 19924

Ion	Ratio	Lower	Upper
165	100		
63	47.3	39.5	59.3
89	69.9	58.1	87.1
182	2.5	2.2	3.2



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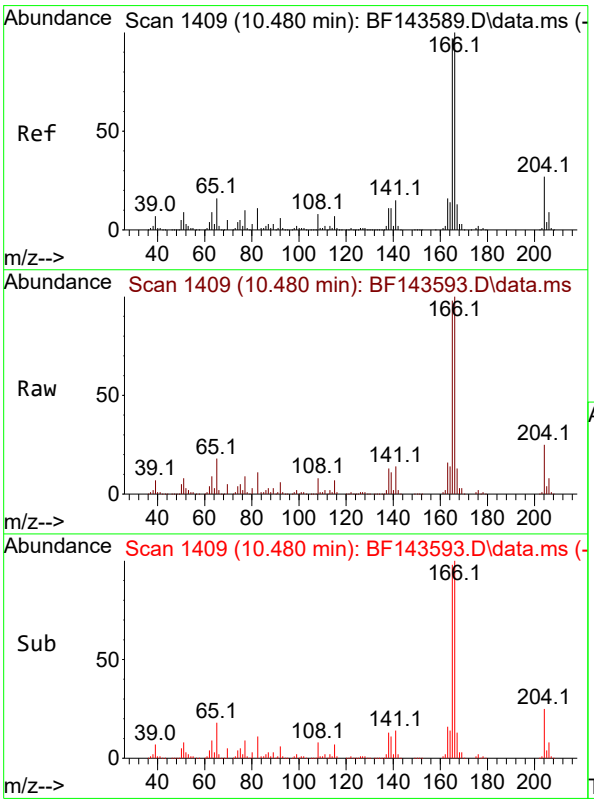
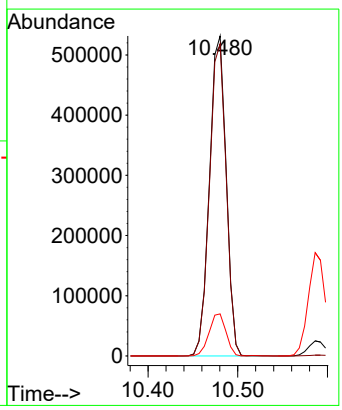
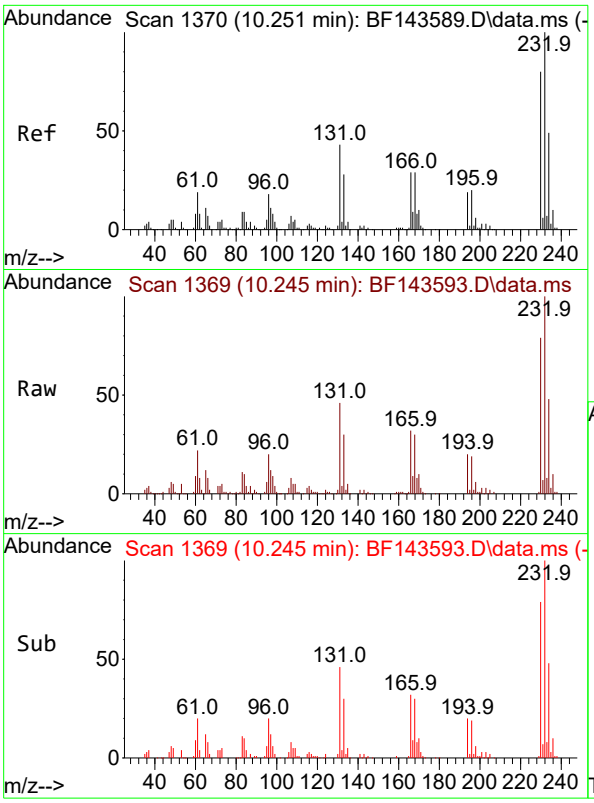


#58
Fluorene
Concen: 36.556 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:166 Resp: 687711

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.7	116.5
167	13.1	10.6	15.8

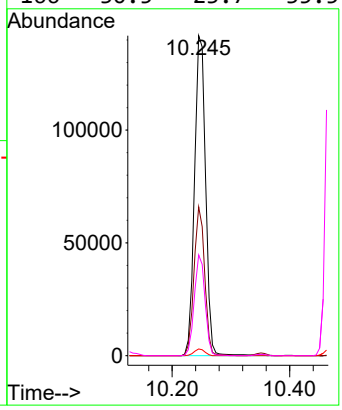




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.131 ng
RT: 10.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:232 Resp: 18538

Ion	Ratio	Lower	Upper
232	100		
131	44.9	35.9	53.9
130	2.0	1.8	2.8
166	30.5	23.7	35.5



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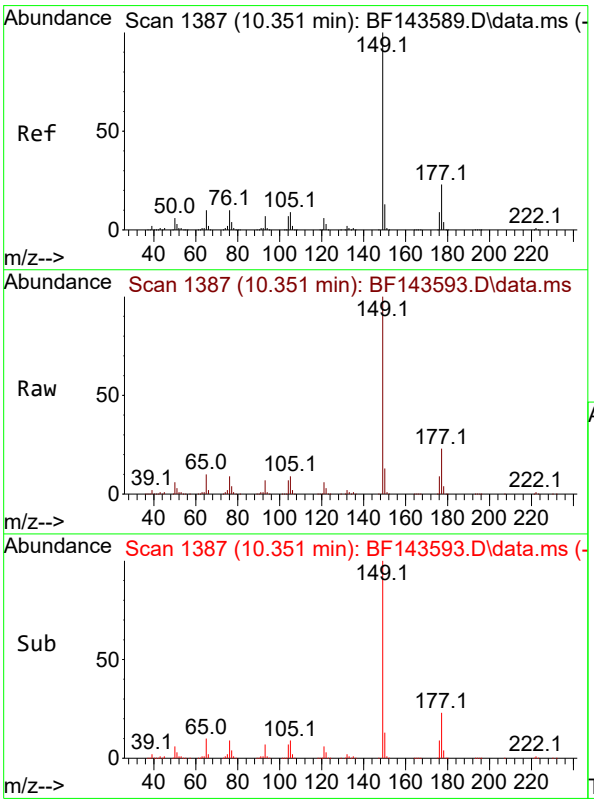
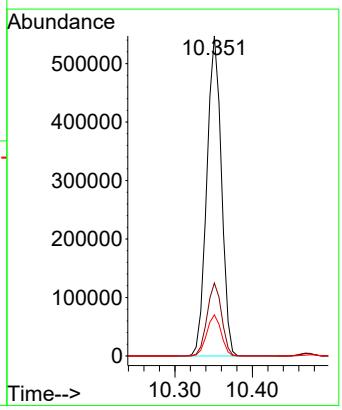
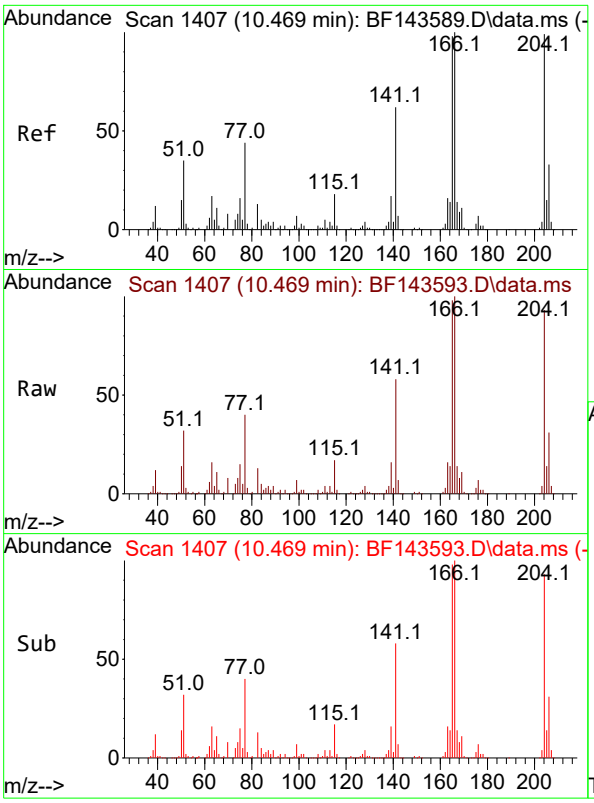


#60
Diethylphthalate
Concen: 37.933 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:149 Resp: 715330

Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.1	27.1
150	12.8	10.1	15.1

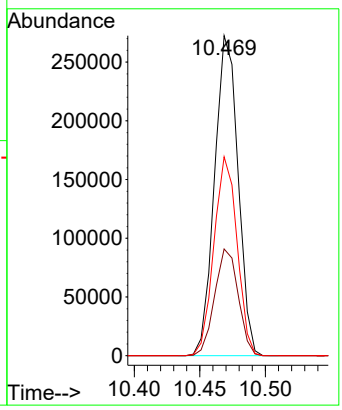




#61
4-Chlorophenyl-phenylether
Concen: 36.906 ng
RT: 10.469 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:204 Resp: 33954

Ion	Ratio	Lower	Upper
204	100		
206	33.4	27.0	40.6
141	62.1	50.2	75.2



Instrument :
BNA_F
ClientSampleId :
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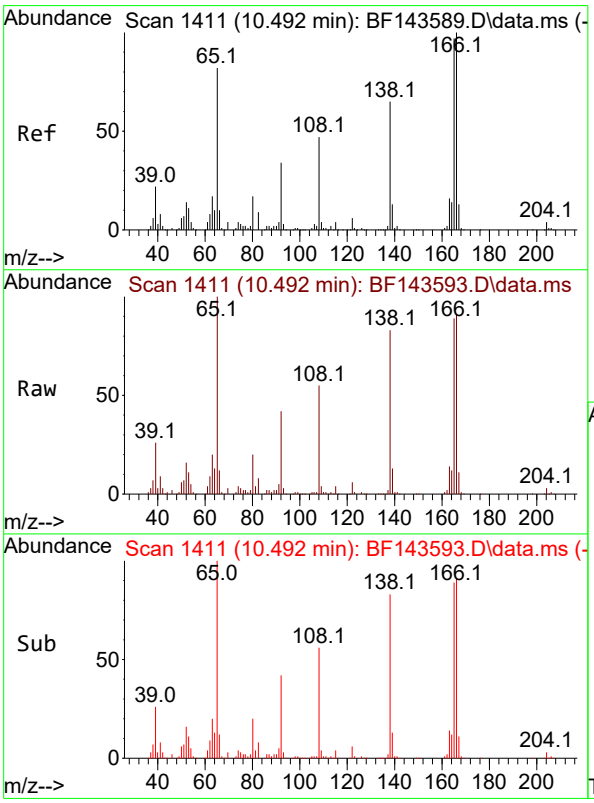
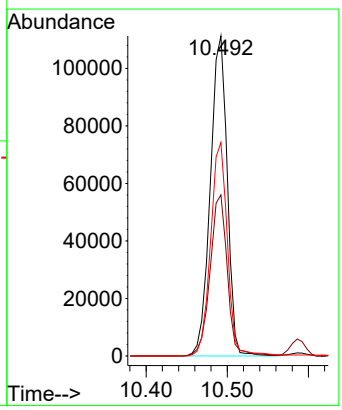
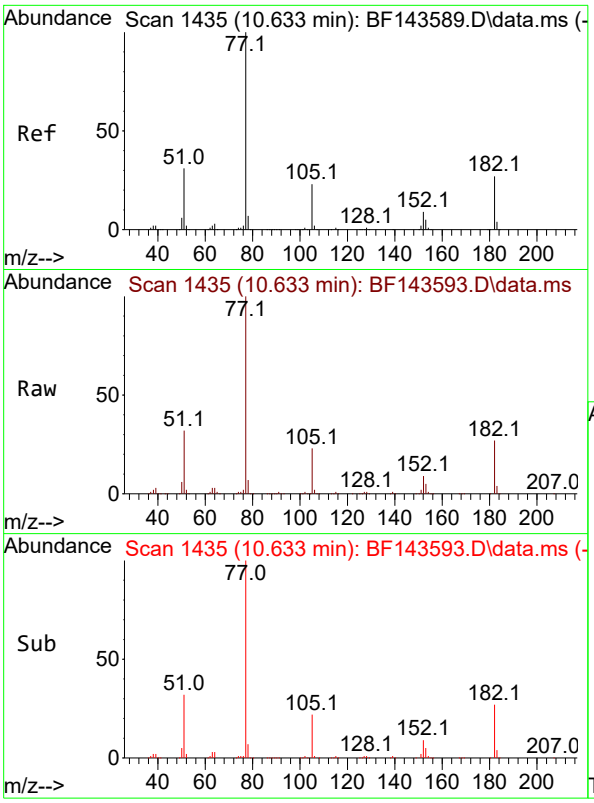


#62
4-Nitroaniline
Concen: 43.463 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:138 Resp: 161334

Ion	Ratio	Lower	Upper
138	100		
92	50.4	31.3	71.3
108	66.7	51.6	91.6

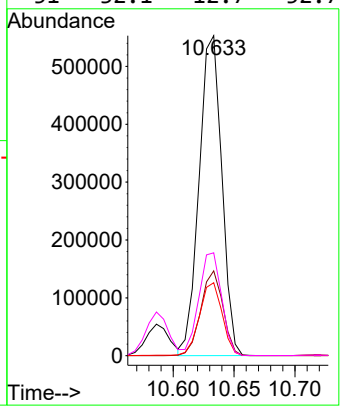




#63
Azobenzene
Concen: 37.562 ng
RT: 10.633 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion: 77 Resp: 71818

Ion	Ratio	Lower	Upper
77	100		
182	26.5	6.3	46.3
105	22.8	2.4	42.4
51	32.1	12.7	52.7



Instrument :
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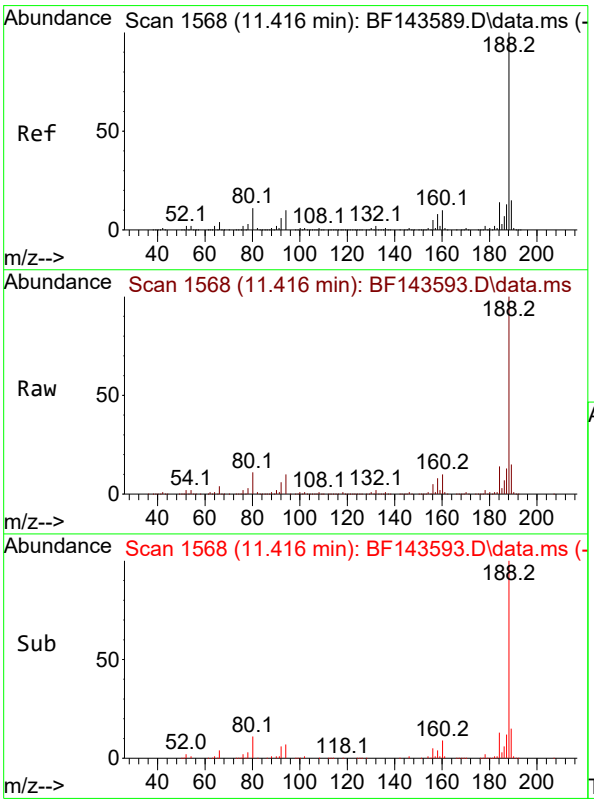
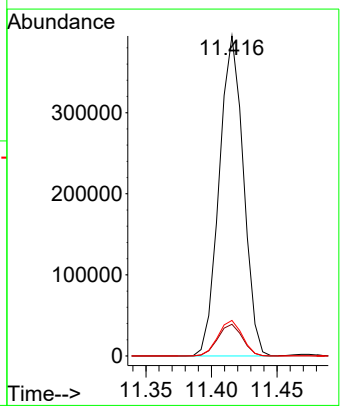
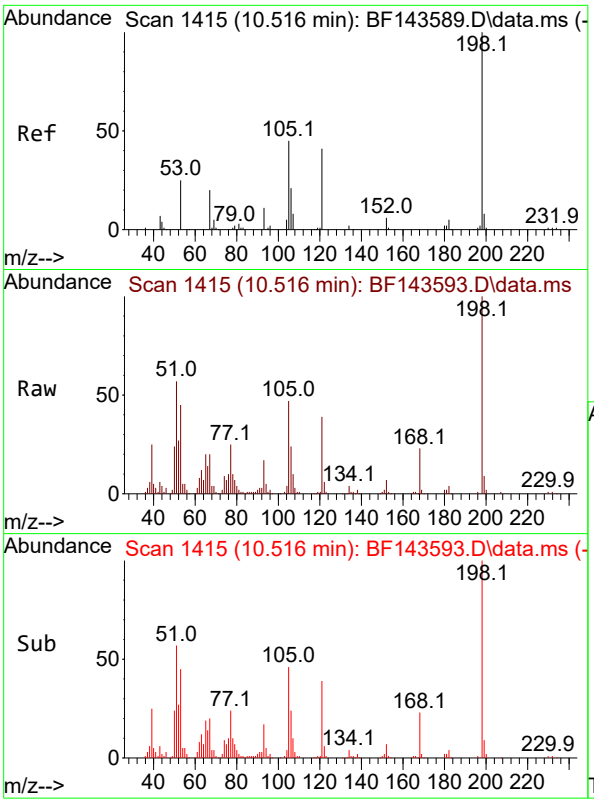


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:188 Resp: 506960

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.2	12.4
80	11.1	8.9	13.3

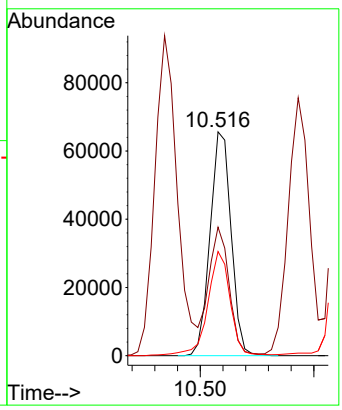




#65
4,6-Dinitro-2-methylphenol
Concen: 49.211 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:198 Resp: 8432

Ion	Ratio	Lower	Upper
198	100		
51	57.4	41.5	81.5
105	46.5	28.2	68.2



Instrument :
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ClientSampleId :
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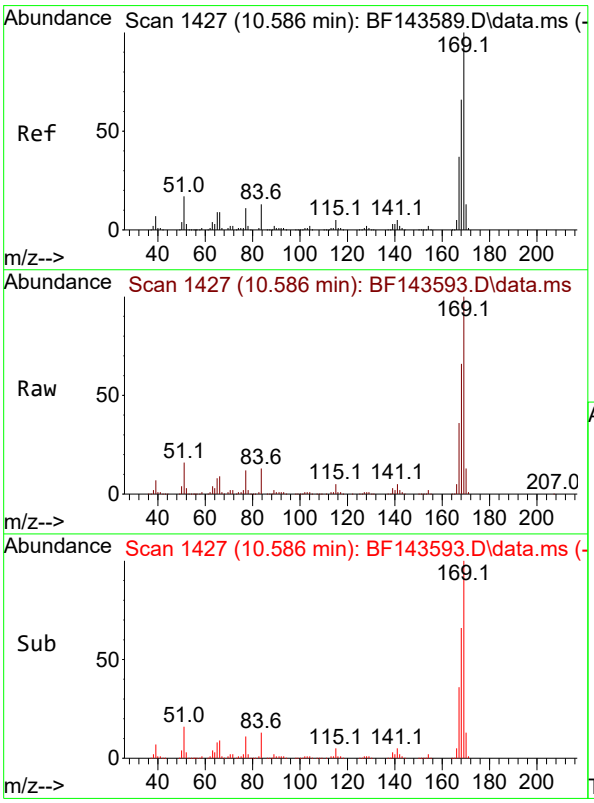
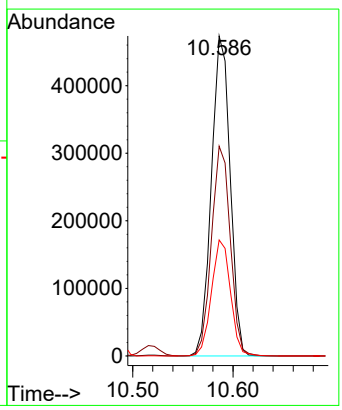
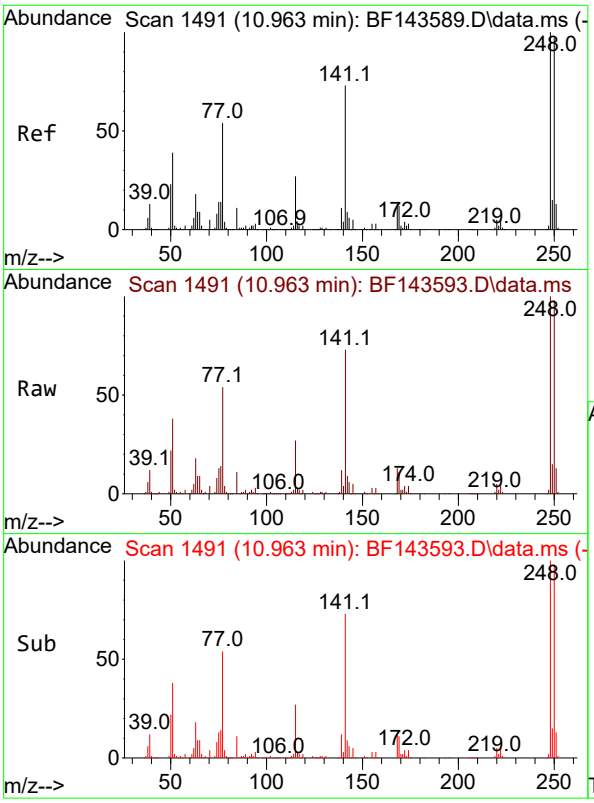


#66
n-Nitrosodiphenylamine
Concen: 38.044 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:169 Resp: 613478

Ion	Ratio	Lower	Upper
169	100		
168	65.6	53.1	79.7
167	36.2	29.3	43.9

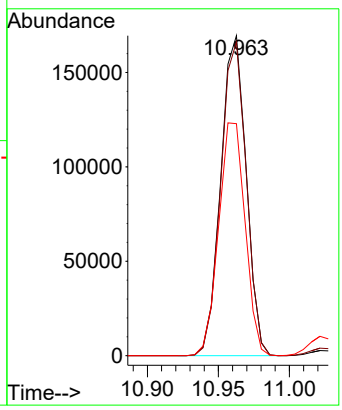




#67
4-Bromophenyl-phenylether
Concen: 38.499 ng
RT: 10.963 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:248 Resp: 211109

Ion	Ratio	Lower	Upper
248	100		
250	98.1	77.8	116.6
141	72.5	58.5	87.7



Instrument :
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ClientSampleId :
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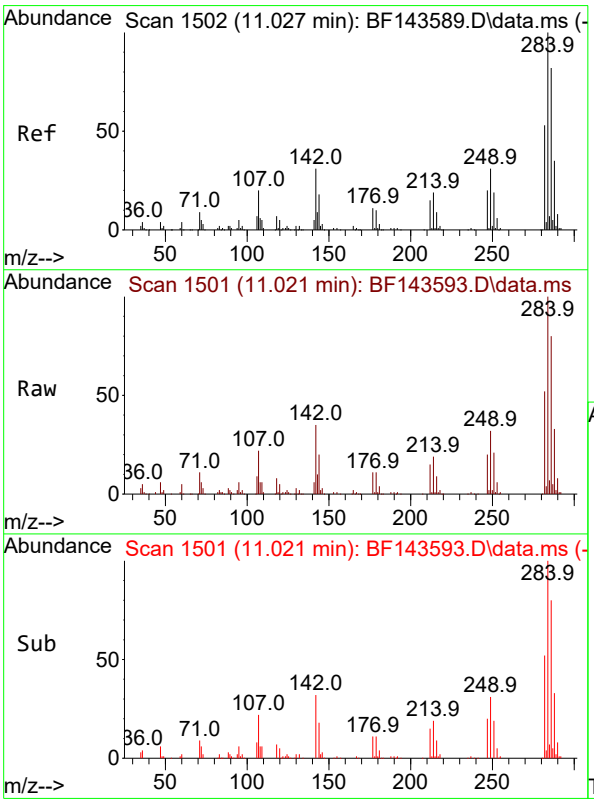
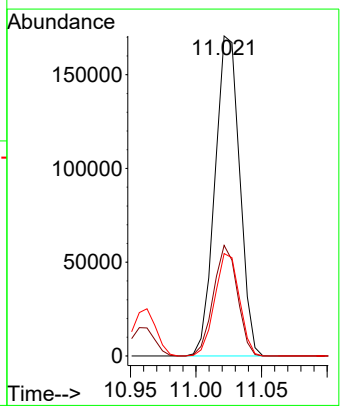
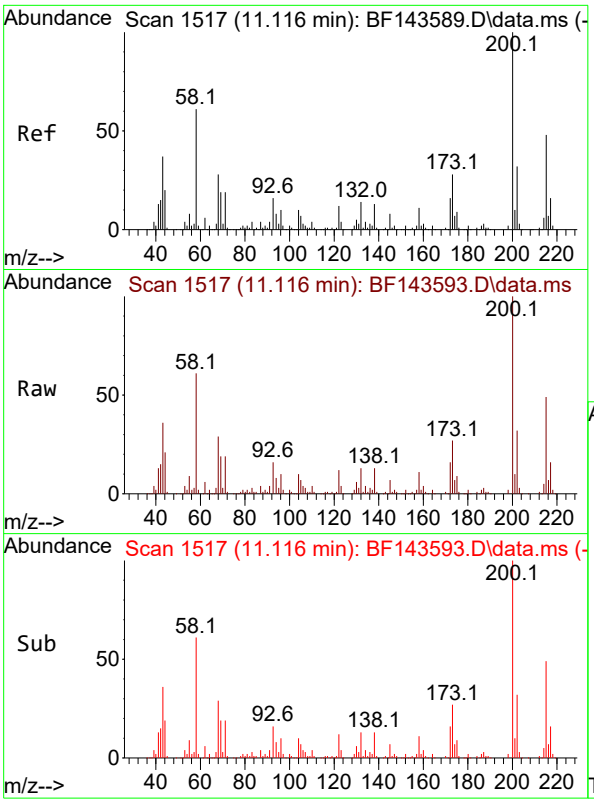


#68
Hexachlorobenzene
Concen: 38.071 ng
RT: 11.021 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:284 Resp: 223302

Ion	Ratio	Lower	Upper
284	100		
142	34.5	24.7	37.1
249	32.0	25.0	37.6

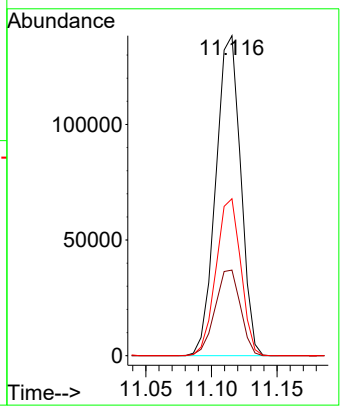




#69
Atrazine
Concen: 39.321 ng
RT: 11.116 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:200 Resp: 18226

Ion	Ratio	Lower	Upper
200	100		
173	26.8	7.6	47.6
215	49.0	28.3	68.3



Instrument :
BNA_F
ClientSampleId :
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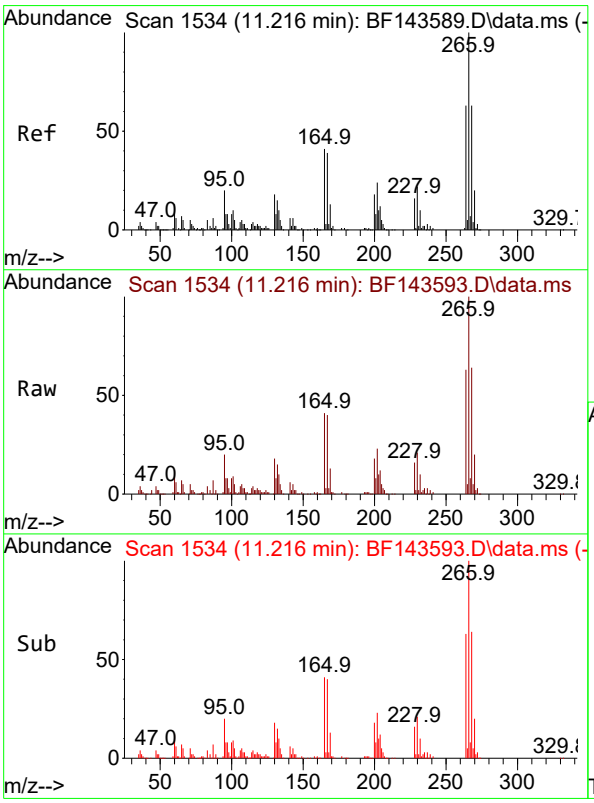
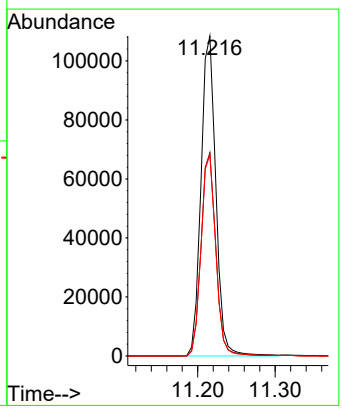
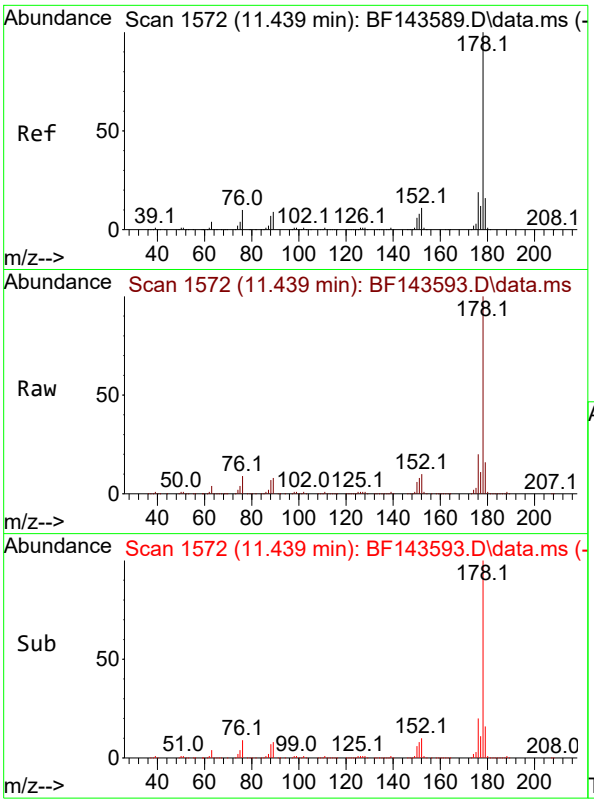


#70
Pentachlorophenol
Concen: 43.012 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:266 Resp: 144141

Ion	Ratio	Lower	Upper
266	100		
268	63.6	50.4	75.6
264	62.9	50.1	75.1

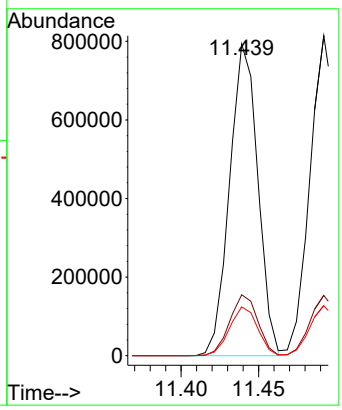




#71
Phenanthrene
Concen: 37.012 ng
RT: 11.439 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:178 Resp: 100464

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.6	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
ICVBF082625

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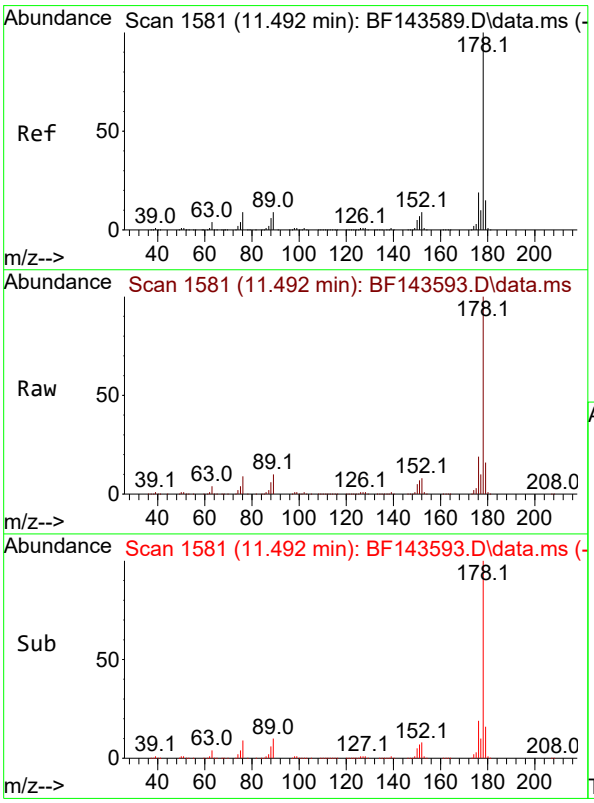
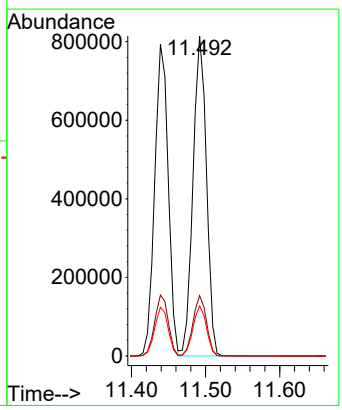
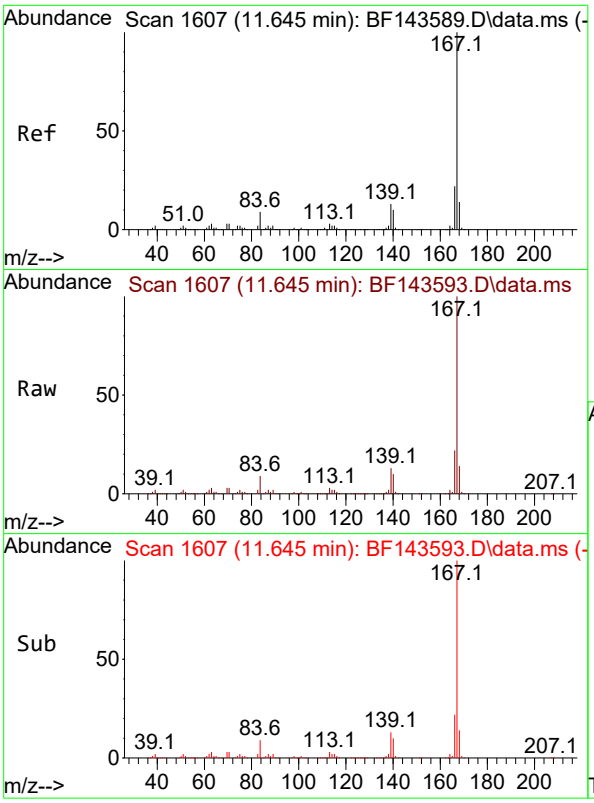


#72
Anthracene
Concen: 37.485 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:178 Resp: 1025365

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.6	12.4	18.6

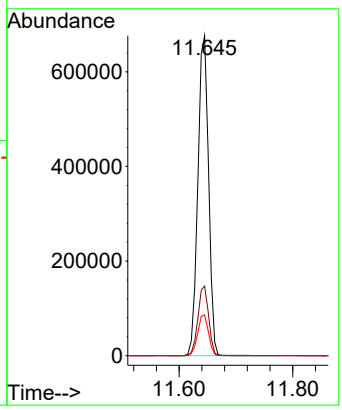




#73
Carbazole
Concen: 37.604 ng
RT: 11.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:167 Resp: 88914

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.3	25.9
139	12.8	10.4	15.6



Instrument :
BNA_F
ClientSampleId :
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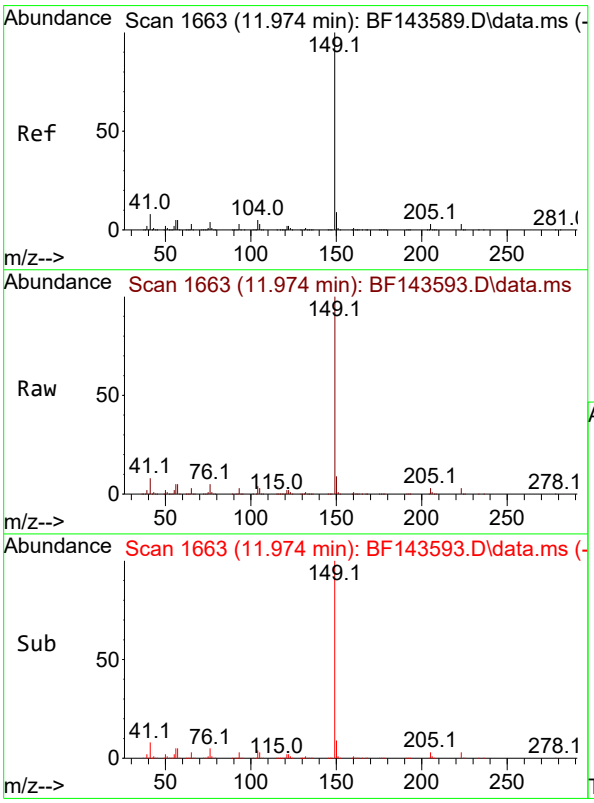
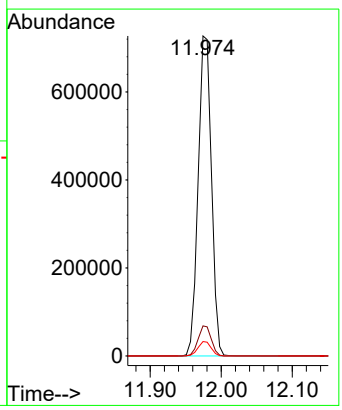
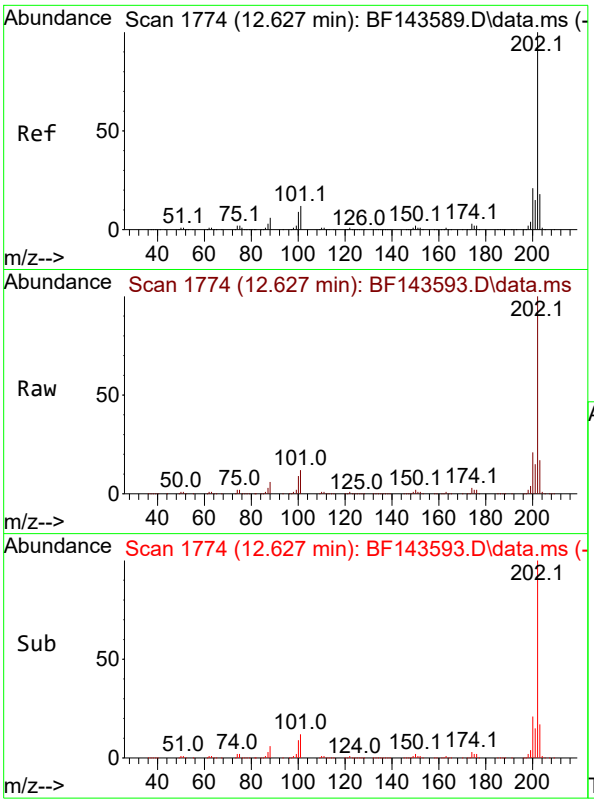


#74
Di-n-butylphthalate
Concen: 39.416 ng
RT: 11.974 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:149 Resp: 949301

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	4.5	3.6	5.4

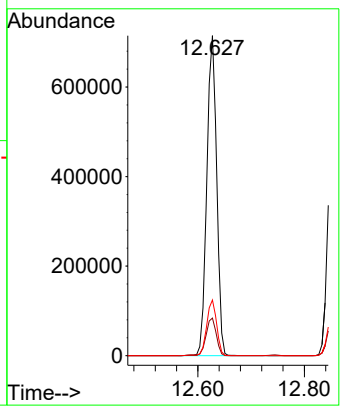




#75
Fluoranthene
Concen: 36.948 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:202 Resp: 91570

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.3
203	17.4	0.0	37.5



Instrument :
BNA_F
ClientSampleId :
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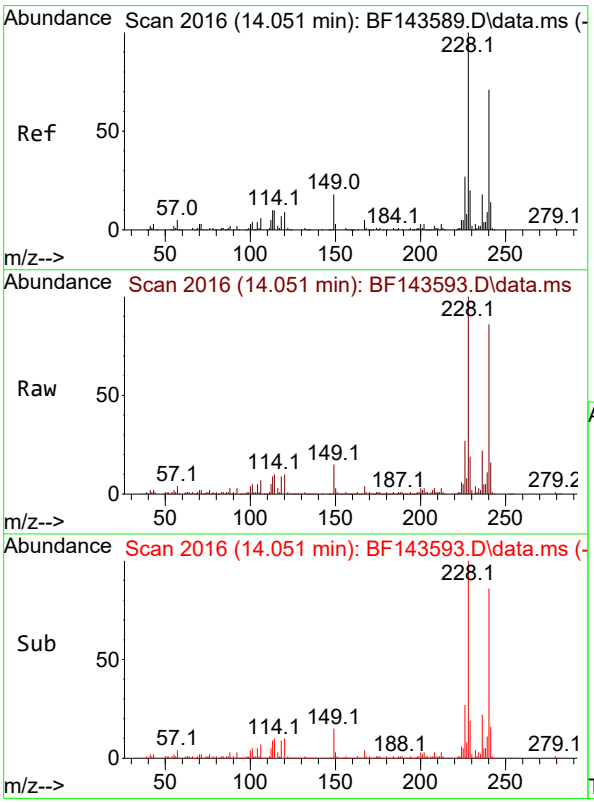
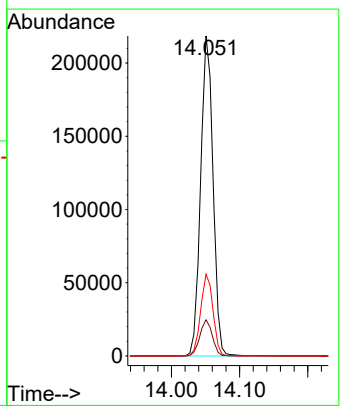
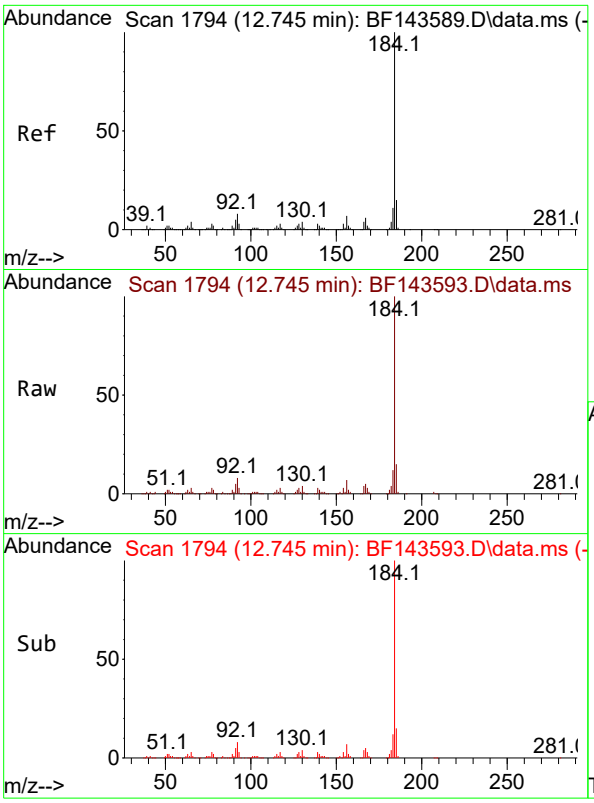


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:240 Resp: 276317

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.6	14.4
236	25.5	20.2	30.2

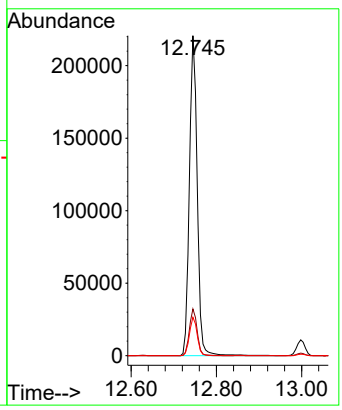




#77
Benzidine
Concen: 44.295 ng
RT: 12.745 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:184 Resp: 28178

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.8	17.6
183	12.0	9.1	13.7



Instrument :
BNA_F
ClientSampleId :
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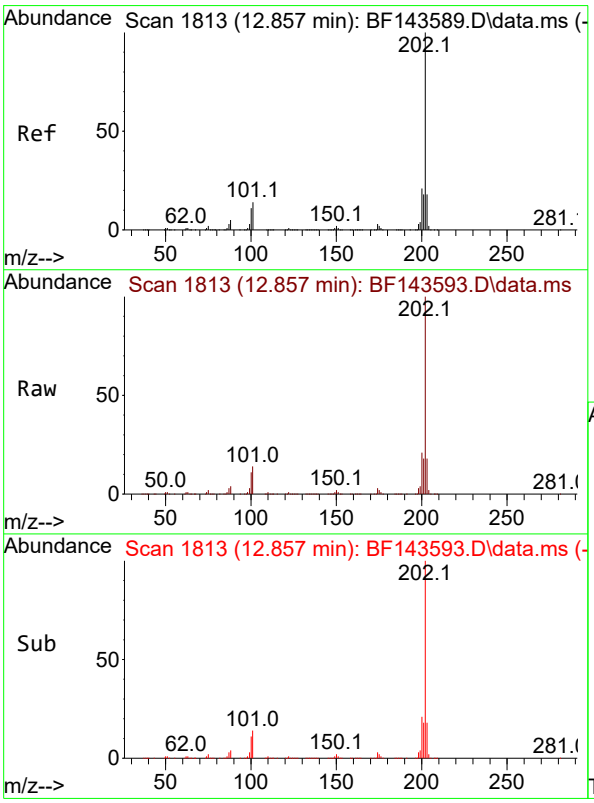
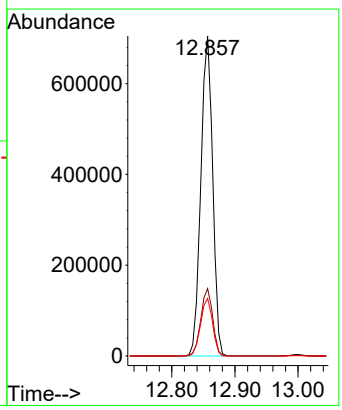
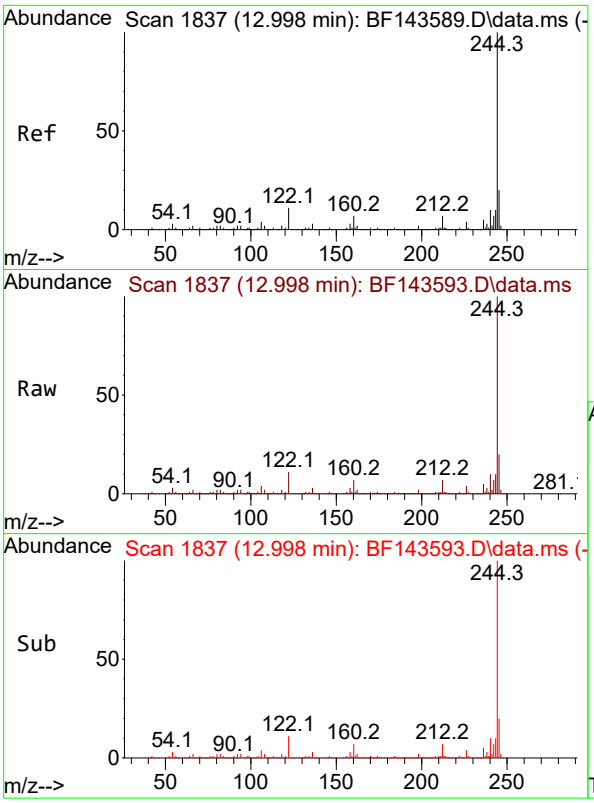


#78
Pyrene
Concen: 39.636 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:202 Resp: 916578

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	17.9	14.2	21.4

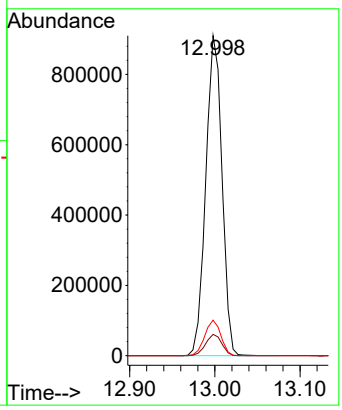




#79
Terphenyl-d14
Concen: 78.131 ng
RT: 12.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:244 Resp: 120307

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	11.1	8.8	13.2



Instrument :
BNA_F
ClientSampleId :
ICVBF082625

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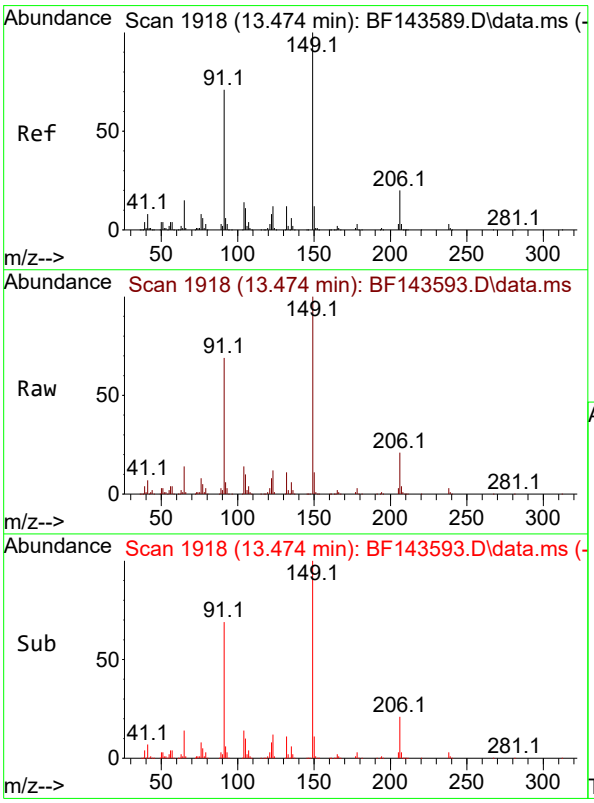
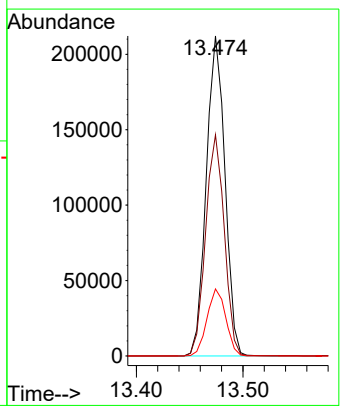
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

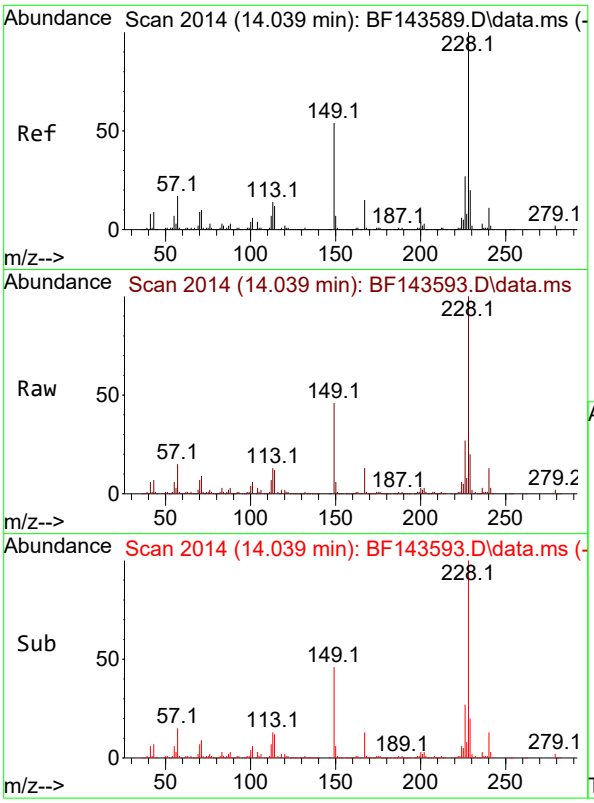


#80
Butylbenzylphthalate
Concen: 40.181 ng
RT: 13.474 min Scan# 1918
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:149 Resp: 258180

Ion	Ratio	Lower	Upper
149	100		
91	69.1	56.8	85.2
206	21.0	16.2	24.2

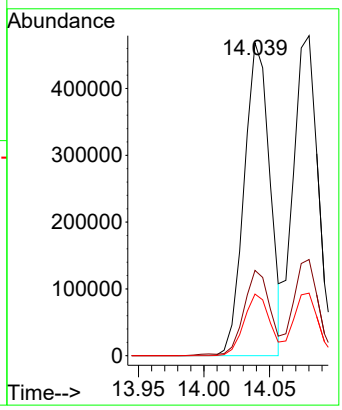




#81
Benzo(a)anthracene
Concen: 36.704 ng
RT: 14.039 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:228 Resp: 63806

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	19.7	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
ICVBF082625

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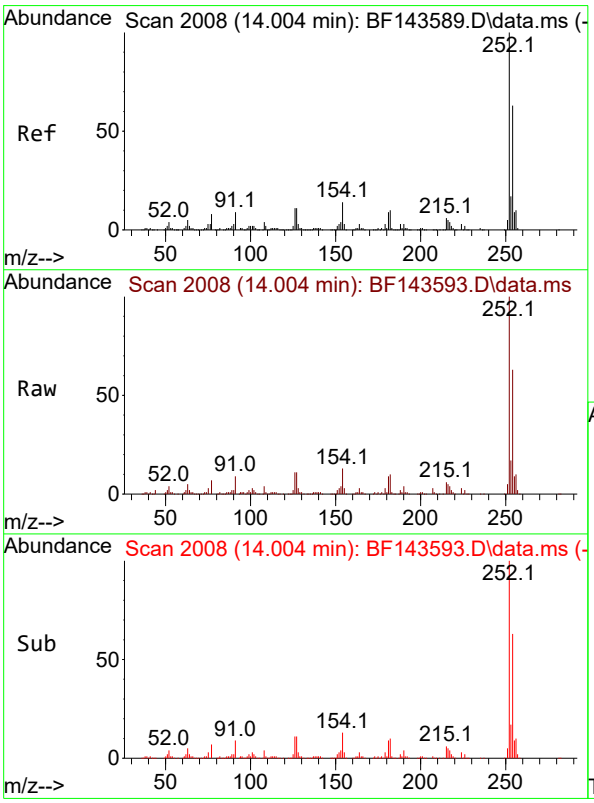
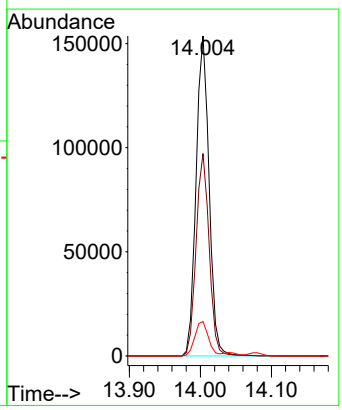
Supervised By :Jagrut Upadhyay 08/27/2025

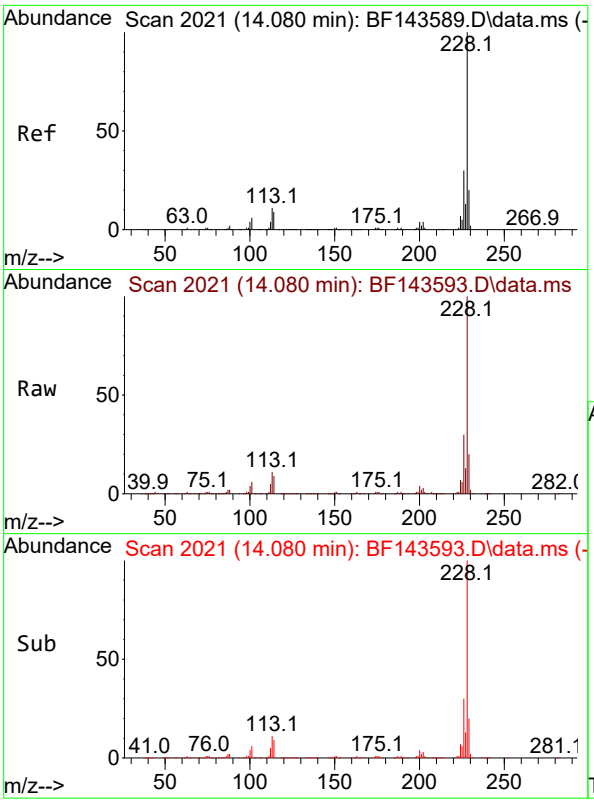


#82
3,3'-Dichlorobenzidine
Concen: 42.101 ng
RT: 14.004 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:252 Resp: 196224

Ion	Ratio	Lower	Upper
252	100		
254	63.3	50.2	75.2
126	10.7	9.1	13.7

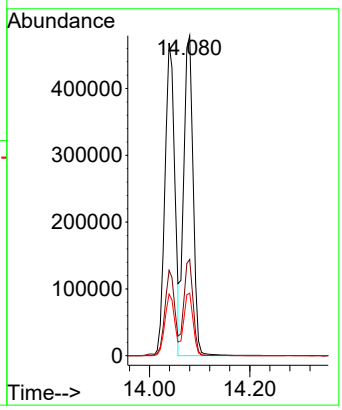




#83
Chrysene
Concen: 38.818 ng
RT: 14.080 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:228 Resp: 62889

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	19.6	15.8	23.8



Instrument :
BNA_F
ClientSampleId :
ICVBF082625

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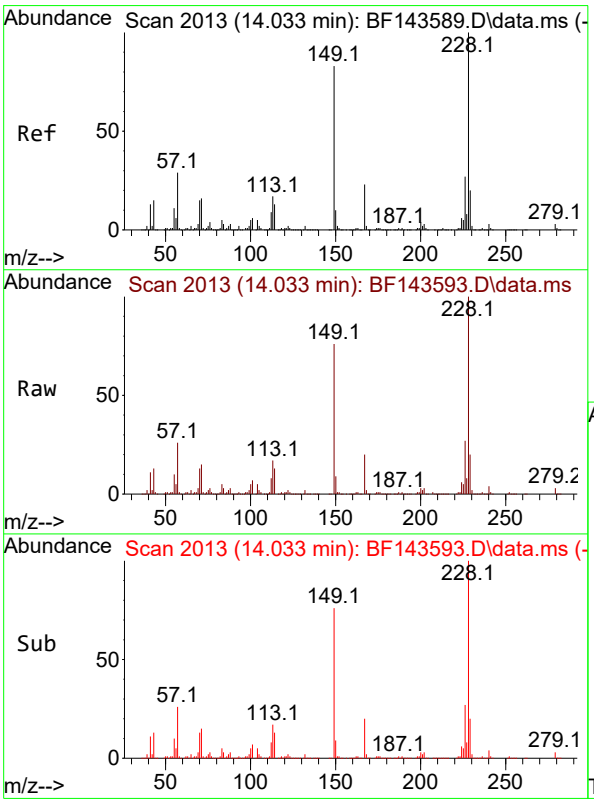
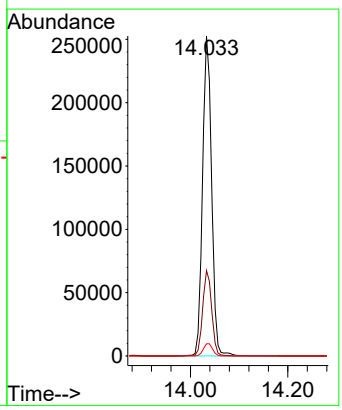
Supervised By :Jagrut Upadhyay 08/27/2025

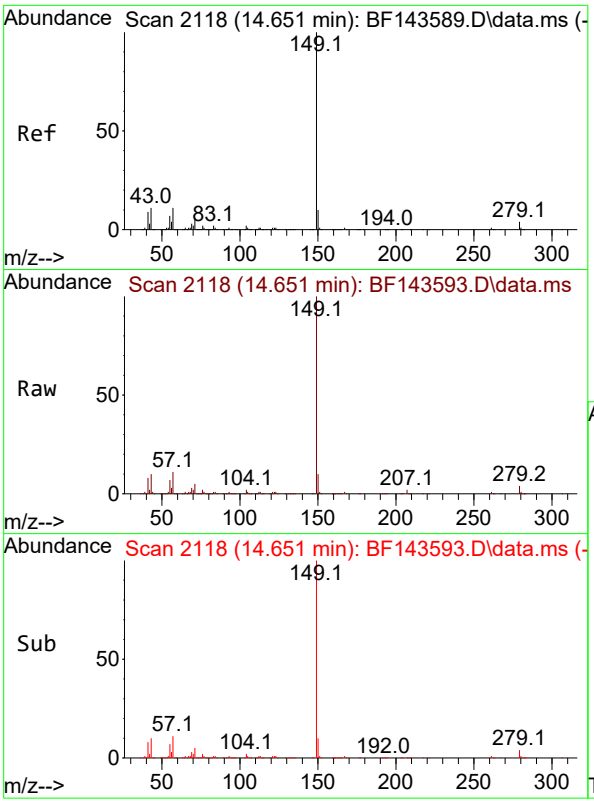


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.310 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:149 Resp: 327160

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.8	32.8
279	3.8	2.9	4.3





#85
Di-n-octyl phthalate
Concen: 39.930 ng
RT: 14.651 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:149 Resp: 61064

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.1	9.5	14.3

Instrument :
BNA_F
ClientSampleId :
ICVBF082625

Manual Integrations
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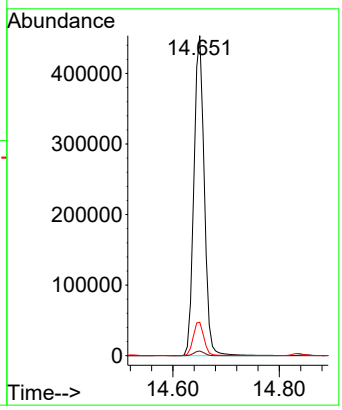
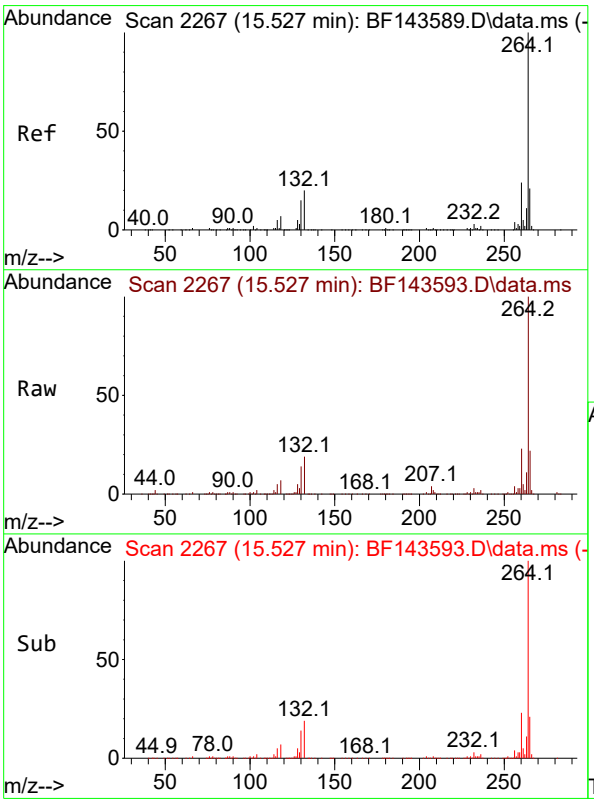
Supervised By :Jagrut Upadhyay 08/27/2025

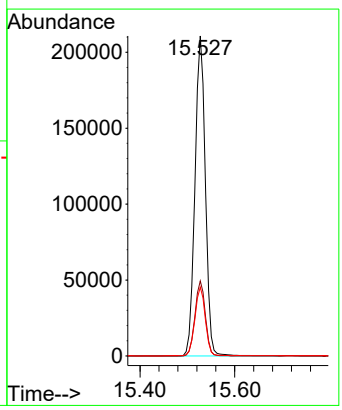


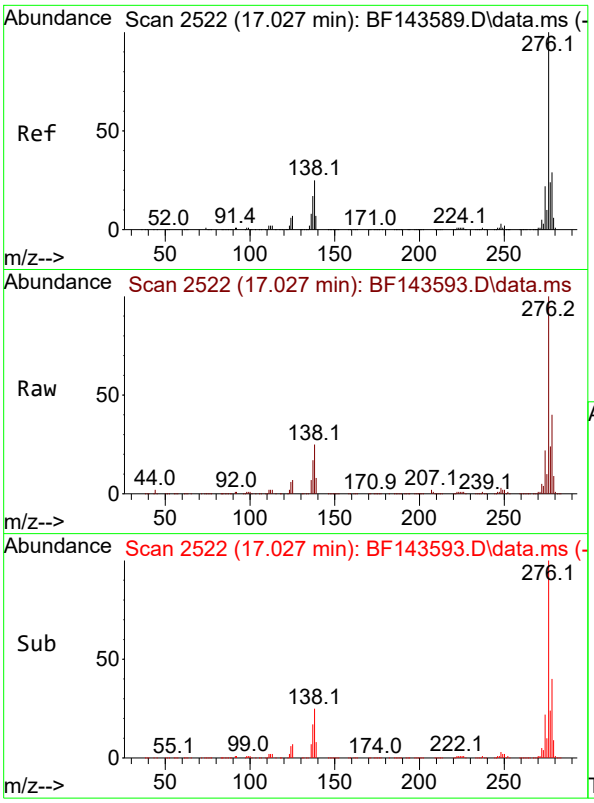


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:264 Resp: 321846

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.5	17.0	25.4

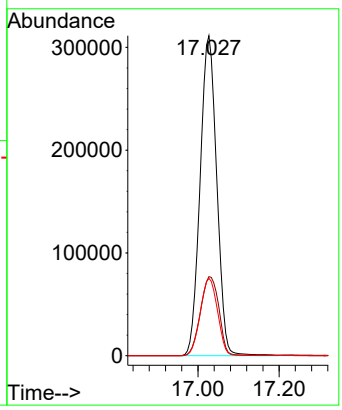




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.409 ng
RT: 17.027 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:276 Resp: 88483

Ion	Ratio	Lower	Upper
276	100		
138	27.3	22.3	33.5
277	25.1	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
ICVBF082625

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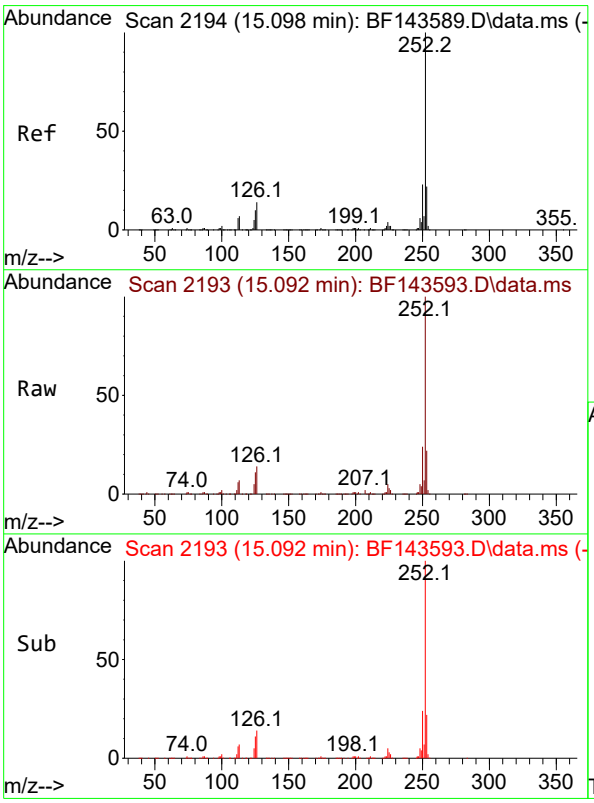
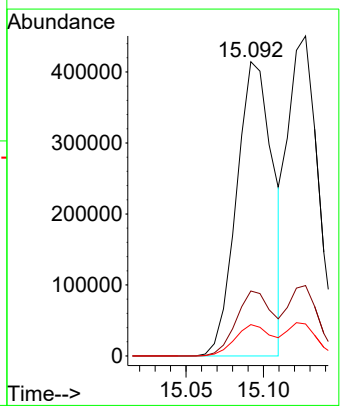
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

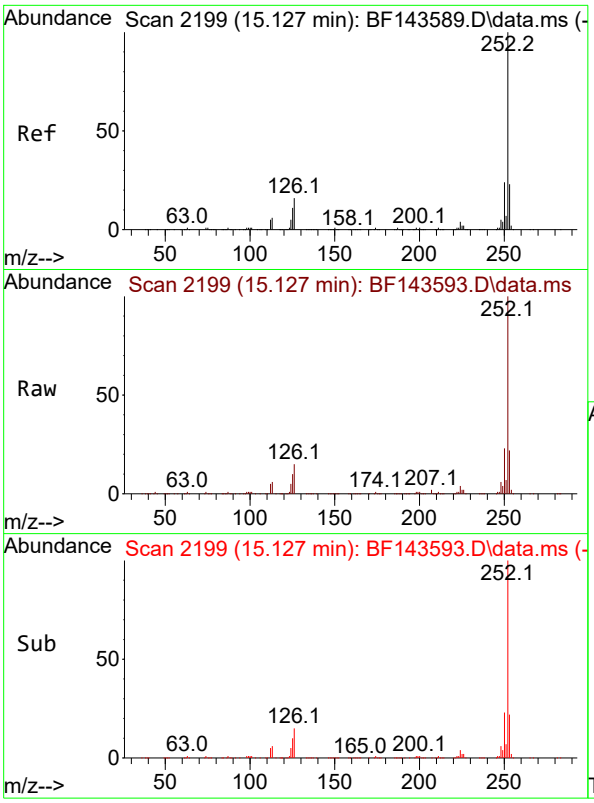


#88
Benzo(b)fluoranthene
Concen: 36.818 ng
RT: 15.092 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:252 Resp: 677056

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.6	8.2	12.2

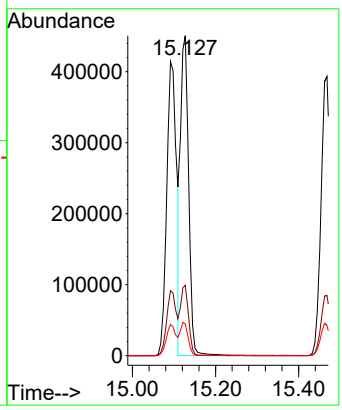




#89
Benzo(k)fluoranthene
Concen: 35.683 ng
RT: 15.127 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:252 Resp: 61352

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	10.0	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
ICVBF082625

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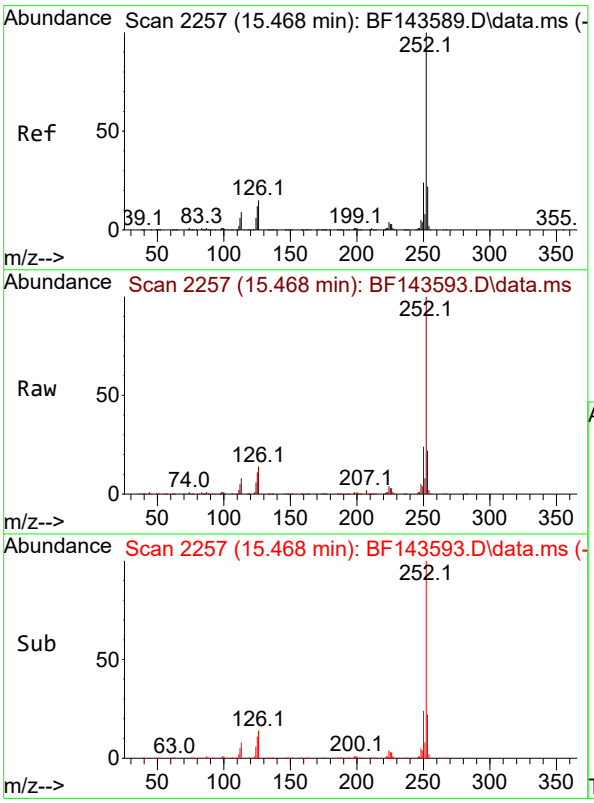
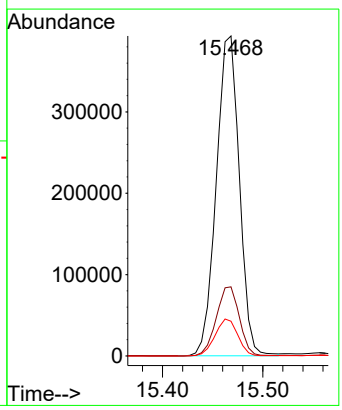
Supervised By :Jagrut Upadhyay 08/27/2025

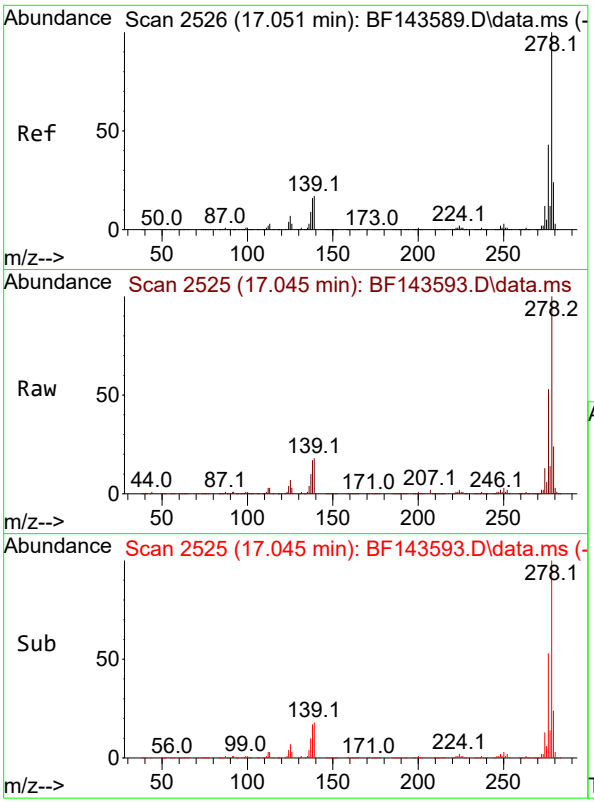


#90
Benzo(a)pyrene
Concen: 38.591 ng
RT: 15.468 min Scan# 2257
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:252 Resp: 627013

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	10.8	9.2	13.8

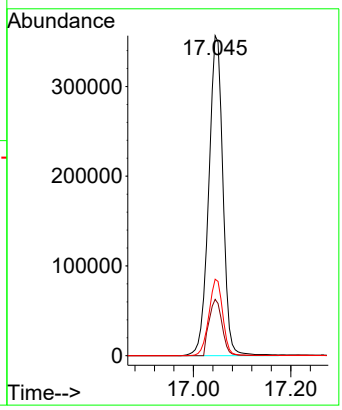




#91
Dibenzo(a,h)anthracene
Concen: 40.157 ng
RT: 17.045 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:278 Resp: 71968

Ion	Ratio	Lower	Upper
278	100		
139	17.6	13.8	20.8
279	23.9	19.4	29.0



Instrument :
BNA_F
ClientSampleId :
ICVBF082625

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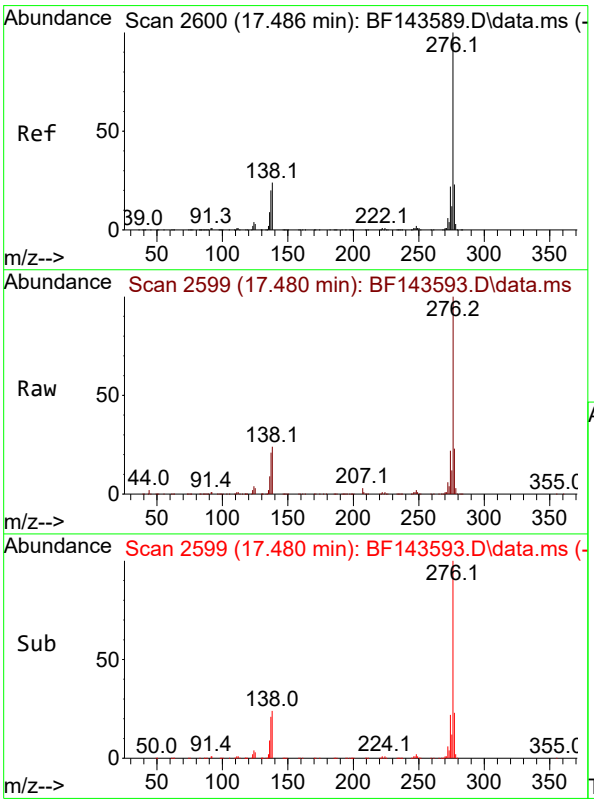
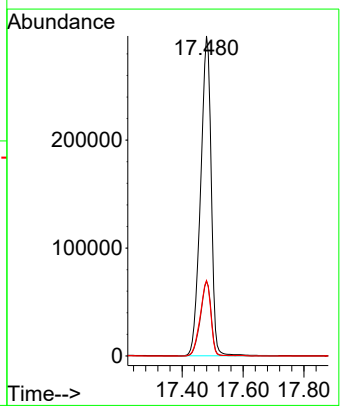
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



#92
Benzo(g,h,i)perylene
Concen: 40.405 ng
RT: 17.480 min Scan# 2599
Delta R.T. -0.006 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:276 Resp: 716895

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	27.8
138	23.6	19.1	28.7



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143593.D
Acq On : 26 Aug 2025 15:40
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082625

Quant Time: Aug 26 16:38:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 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	100	0.00
2		1,4-Dioxane	0.575	0.533	7.3	94	0.00
3		Pyridine	1.444	1.457	-0.9	97	0.00
4		n-Nitrosodimethylamine	0.687	0.652	5.1	94	0.00
5	S	2-Fluorophenol	1.175	1.117	4.9	97	0.00
6		Aniline	2.032	1.933	4.9	98	0.00
7	S	Phenol-d6	1.455	1.390	4.5	98	0.00
8		2-Chlorophenol	1.243	1.217	2.1	98	0.00
9		Benzaldehyde	1.095	1.165	-6.4	97	0.00
10	C	Phenol	1.632	1.528	6.4	97	0.00
11		bis(2-Chloroethyl)ether	1.251	1.184	5.4	98	0.00
12		1,3-Dichlorobenzene	1.428	1.352	5.3	98	0.00
13	C	1,4-Dichlorobenzene	1.440	1.328	7.8	95	0.00
14		1,2-Dichlorobenzene	1.366	1.284	6.0	98	0.00
15		Benzyl Alcohol	1.091	1.079	1.1	99	0.00
16		2,2'-oxybis(1-Chloropropane	2.309	2.066	10.5	93	0.00
17		2-Methylphenol	1.055	1.013	4.0	98	0.00
18		Hexachloroethane	0.458	0.453	1.1	99	0.00
19	P	n-Nitroso-di-n-propylamine	0.922	0.865	6.2	99	0.00
20		3+4-Methylphenols	1.296	1.272	1.9	99	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	102	0.00
22		Acetophenone	0.450	0.414	8.0	96	0.00
23	S	Nitrobenzene-d5	0.280	0.317	-13.2	110	0.00
24		Nitrobenzene	0.300	0.338	-12.7	104	0.00
25		Isophorone	0.656	0.626	4.6	99	0.00
26	C	2-Nitrophenol	0.101	0.149	-47.5#	133	0.00
27		2,4-Dimethylphenol	0.285	0.277	2.8	99	0.00
28		bis(2-Chloroethoxy)methane	0.397	0.371	6.5	98	0.00
29	C	2,4-Dichlorophenol	0.275	0.275	0.0	99	0.00
30		1,2,4-Trichlorobenzene	0.287	0.273	4.9	98	0.00
31		Naphthalene	0.966	0.904	6.4	98	0.00
32		Benzoic acid	0.126	0.171	-35.7#	139	0.00
33		4-Chloroaniline	0.341	0.331	2.9	100	0.00
34	C	Hexachlorobutadiene	0.181	0.173	4.4	99	0.00
35		Caprolactam	0.078	0.081	-3.8	105	0.00
36	C	4-Chloro-3-methylphenol	0.287	0.282	1.7	100	0.00
37		2-Methylnaphthalene	0.638	0.594	6.9	98	0.00
38		1-Methylnaphthalene	0.616	0.581	5.7	99	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	103	0.00
40		1,2,4,5-Tetrachlorobenzene	0.520	0.495	4.8	100	0.00
41	P	Hexachlorocyclopentadiene	0.256	0.272	-6.3	106	0.00
42	S	2,4,6-Tribromophenol	0.156	0.170	-9.0	108	0.00
43	C	2,4,6-Trichlorophenol	0.344	0.346	-0.6	95	0.00
44		2,4,5-Trichlorophenol	0.347	0.368	-6.1	107	0.00
45	S	2-Fluorobiphenyl	1.170	1.074	8.2	99	0.00
46		1,1'-Biphenyl	1.388	1.304	6.1	99	0.00
47		2-Chloronaphthalene	1.096	1.039	5.2	98	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143593.D
Acq On : 26 Aug 2025 15:40
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082625

Quant Time: Aug 26 16:38:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 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	0.247	0.327	-32.4#	117	0.00
49		Acenaphthylene	1.595	1.500	6.0	99	0.00
50		Dimethylphthalate	1.230	1.177	4.3	101	0.00
51		2,6-Dinitrotoluene	0.163	0.228	-39.9#	124	0.00
52	C	Acenaphthene	1.045	1.006	3.7	102	0.00
53		3-Nitroaniline	0.201	0.261	-29.9#	115	0.00
54	P	2,4-Dinitrophenol	0.054	0.082	-51.9#	170#	0.00
55		Dibenzofuran	1.532	1.427	6.9	100	0.00
56	P	4-Nitrophenol	0.182	0.218	-19.8	119	0.00
57		2,4-Dinitrotoluene	0.213	0.305	-43.2#	127	0.00
58		Fluorene	1.150	1.051	8.6	99	0.00
59		2,3,4,6-Tetrachlorophenol	0.257	0.283	-10.1	108	0.00
60		Diethylphthalate	1.153	1.093	5.2	101	0.00
61		4-Chlorophenyl-phenylether	0.562	0.519	7.7	100	0.00
62		4-Nitroaniline	0.196	0.247	-26.0#	119	0.00
63		Azobenzene	1.169	1.098	6.1	100	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	106	0.00
65		4,6-Dinitro-2-methylphenol	0.057	0.083	-45.6#	152#	0.00
66	c	n-Nitrosodiphenylamine	0.636	0.605	4.9	101	0.00
67		4-Bromophenyl-phenylether	0.216	0.208	3.7	101	0.00
68		Hexachlorobenzene	0.231	0.220	4.8	102	0.00
69		Atrazine	0.183	0.180	1.6	105	0.00
70	C	Pentachlorophenol	0.132	0.142	-7.6	108	0.00
71		Phenanthrene	1.071	0.991	7.5	101	0.00
72		Anthracene	1.079	1.011	6.3	103	0.00
73		Carbazole	0.933	0.877	6.0	104	0.00
74		Di-n-butylphthalate	0.950	0.936	1.5	107	0.00
75	C	Fluoranthene	0.978	0.903	7.7	106	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	101	0.00
77		Benzidine	0.460	0.510	-10.9	96	0.00
78		Pyrene	1.674	1.659	0.9	104	0.00
79	S	Terphenyl-d14	1.115	1.088	2.4	105	0.00
80		Butylbenzylphthalate	0.398	0.467	-17.3	103	0.00
81		Benzo(a)anthracene	1.258	1.155	8.2	93	0.00
82		3,3'-Dichlorobenzidine	0.337	0.355	-5.3	96	0.00
83		Chrysene	1.173	1.138	3.0	102	0.00
84		Bis(2-ethylhexyl)phthalate	0.528	0.592	-12.1	95	0.00
85	c	Di-n-octyl phthalate	1.017	1.105	-8.7	96	0.00
86	I	Perylene-d12	1.000	1.000	0.0	96	0.00
87		Indeno(1,2,3-cd)pyrene	1.361	1.375	-1.0	93	0.00
88		Benzo(b)fluoranthene	1.143	1.052	8.0	97	0.00
89		Benzo(k)fluoranthene	1.068	0.953	10.8	86	0.00
90	C	Benzo(a)pyrene	1.010	0.974	3.6	91	0.00
91		Dibenzo(a,h)anthracene	1.114	1.118	-0.4	93	0.00
92		Benzo(g,h,i)perylene	1.103	1.114	-1.0	93	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143593.D
Acq On : 26 Aug 2025 15:40
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082625

Quant Time: Aug 26 16:38:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143593.D
Acq On : 26 Aug 2025 15:40
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082625

Quant Time: Aug 26 16:38:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 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	100	0.00
2		1,4-Dioxane	40.000	37.069	7.3	94	0.00
3		Pyridine	40.000	40.375	-0.9	97	0.00
4		n-Nitrosodimethylamine	40.000	37.975	5.1	94	0.00
5	S	2-Fluorophenol	80.000	76.019	5.0	97	0.00
6		Aniline	40.000	38.057	4.9	98	0.00
7	S	Phenol-d6	80.000	76.394	4.5	98	0.00
8		2-Chlorophenol	40.000	39.156	2.1	98	0.00
9		Benzaldehyde	40.000	42.545	-6.4	97	0.00
10	C	Phenol	40.000	37.436	6.4	97	0.00
11		bis(2-Chloroethyl)ether	40.000	37.848	5.4	98	0.00
12		1,3-Dichlorobenzene	40.000	37.867	5.3	98	0.00
13	C	1,4-Dichlorobenzene	40.000	36.881	7.8	95	0.00
14		1,2-Dichlorobenzene	40.000	37.588	6.0	98	0.00
15		Benzyl Alcohol	40.000	39.558	1.1	99	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	35.785	10.5	93	0.00
17		2-Methylphenol	40.000	38.406	4.0	98	0.00
18		Hexachloroethane	40.000	39.621	0.9	99	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	37.543	6.1	99	0.00
20		3+4-Methylphenols	40.000	39.240	1.9	99	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	102	0.00
22		Acetophenone	40.000	36.725	8.2	96	0.00
23	S	Nitrobenzene-d5	80.000	90.545	-13.2	110	0.00
24		Nitrobenzene	40.000	45.083	-12.7	104	0.00
25		Isophorone	40.000	38.216	4.5	99	0.00
26	C	2-Nitrophenol	40.000	48.492	-21.2#	133	0.00
27		2,4-Dimethylphenol	40.000	38.915	2.7	99	0.00
28		bis(2-Chloroethoxy)methane	40.000	37.415	6.5	98	0.00
29	C	2,4-Dichlorophenol	40.000	40.096	-0.2	99	0.00
30		1,2,4-Trichlorobenzene	40.000	38.104	4.7	98	0.00
31		Naphthalene	40.000	37.406	6.5	98	0.00
32		Benzoic acid	40.000	47.270	-18.2	139	0.00
33		4-Chloroaniline	40.000	38.775	3.1	100	0.00
34	C	Hexachlorobutadiene	40.000	38.188	4.5	99	0.00
35		Caprolactam	40.000	41.278	-3.2	105	0.00
36	C	4-Chloro-3-methylphenol	40.000	39.260	1.9	100	0.00
37		2-Methylnaphthalene	40.000	37.231	6.9	98	0.00
38		1-Methylnaphthalene	40.000	37.750	5.6	99	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	103	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	38.097	4.8	100	0.00
41	P	Hexachlorocyclopentadiene	40.000	42.585	-6.5	106	0.00
42	S	2,4,6-Tribromophenol	80.000	86.937	-8.7	108	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.213	-0.5	95	0.00
44		2,4,5-Trichlorophenol	40.000	42.338	-5.8	107	0.00
45	S	2-Fluorobiphenyl	80.000	73.456	8.2	99	0.00
46		1,1'-Biphenyl	40.000	37.586	6.0	99	0.00
47		2-Chloronaphthalene	40.000	37.924	5.2	98	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143593.D
Acq On : 26 Aug 2025 15:40
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082625

Quant Time: Aug 26 16:38:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 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	43.371	-8.4	117	0.00
49		Acenaphthylene	40.000	37.621	5.9	99	0.00
50		Dimethylphthalate	40.000	38.260	4.4	101	0.00
51		2,6-Dinitrotoluene	40.000	44.605	-11.5	124	0.00
52	C	Acenaphthene	40.000	38.529	3.7	102	0.00
53		3-Nitroaniline	40.000	43.240	-8.1	115	0.00
54	P	2,4-Dinitrophenol	40.000	51.246	-28.1#	170	0.00
55		Dibenzofuran	40.000	37.276	6.8	100	0.00
56	P	4-Nitrophenol	40.000	43.838	-9.6	119	0.00
57		2,4-Dinitrotoluene	40.000	45.207	-13.0	127	0.00
58		Fluorene	40.000	36.556	8.6	99	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	44.131	-10.3	108	0.00
60		Diethylphthalate	40.000	37.933	5.2	101	0.00
61		4-Chlorophenyl-phenylether	40.000	36.906	7.7	100	0.00
62		4-Nitroaniline	40.000	43.463	-8.7	119	0.00
63		Azobenzene	40.000	37.562	6.1	100	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	106	0.00
65		4,6-Dinitro-2-methylphenol	40.000	49.211	-23.0	152	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.044	4.9	101	0.00
67		4-Bromophenyl-phenylether	40.000	38.499	3.8	101	0.00
68		Hexachlorobenzene	40.000	38.071	4.8	102	0.00
69		Atrazine	40.000	39.321	1.7	105	0.00
70	C	Pentachlorophenol	40.000	43.012	-7.5	108	0.00
71		Phenanthrene	40.000	37.012	7.5	101	0.00
72		Anthracene	40.000	37.485	6.3	103	0.00
73		Carbazole	40.000	37.604	6.0	104	0.00
74		Di-n-butylphthalate	40.000	39.416	1.5	107	0.00
75	C	Fluoranthene	40.000	36.948	7.6	106	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	101	0.00
77		Benzidine	40.000	44.295	-10.7	96	0.00
78		Pyrene	40.000	39.636	0.9	104	0.00
79	S	Terphenyl-d14	80.000	78.131	2.3	105	0.00
80		Butylbenzylphthalate	40.000	40.181	-0.5	103	0.00
81		Benzo(a)anthracene	40.000	36.704	8.2	93	0.00
82		3,3'-Dichlorobenzidine	40.000	42.101	-5.3	96	0.00
83		Chrysene	40.000	38.818	3.0	102	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	39.310	1.7	95	0.00
85	c	Di-n-octyl phthalate	40.000	39.930	0.2	96	0.00
86	I	Perylene-d12	20.000	20.000	0.0	96	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	40.409	-1.0	93	0.00
88		Benzo(b)fluoranthene	40.000	36.818	8.0	97	0.00
89		Benzo(k)fluoranthene	40.000	35.683	10.8	86	0.00
90	C	Benzo(a)pyrene	40.000	38.591	3.5	91	0.00
91		Dibenzo(a,h)anthracene	40.000	40.157	-0.4	93	0.00
92		Benzo(g,h,i)perylene	40.000	40.405	-1.0	93	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143593.D
Acq On : 26 Aug 2025 15:40
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082625

Quant Time: Aug 26 16:38:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Raw Data

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: AECO02

Lab Code: ACE SDG No.: Q2924

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: AECO02

Lab Code: ACE SDG No.: Q2924

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: AECO02

Lab Code: ACE SDG No.: Q2924

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

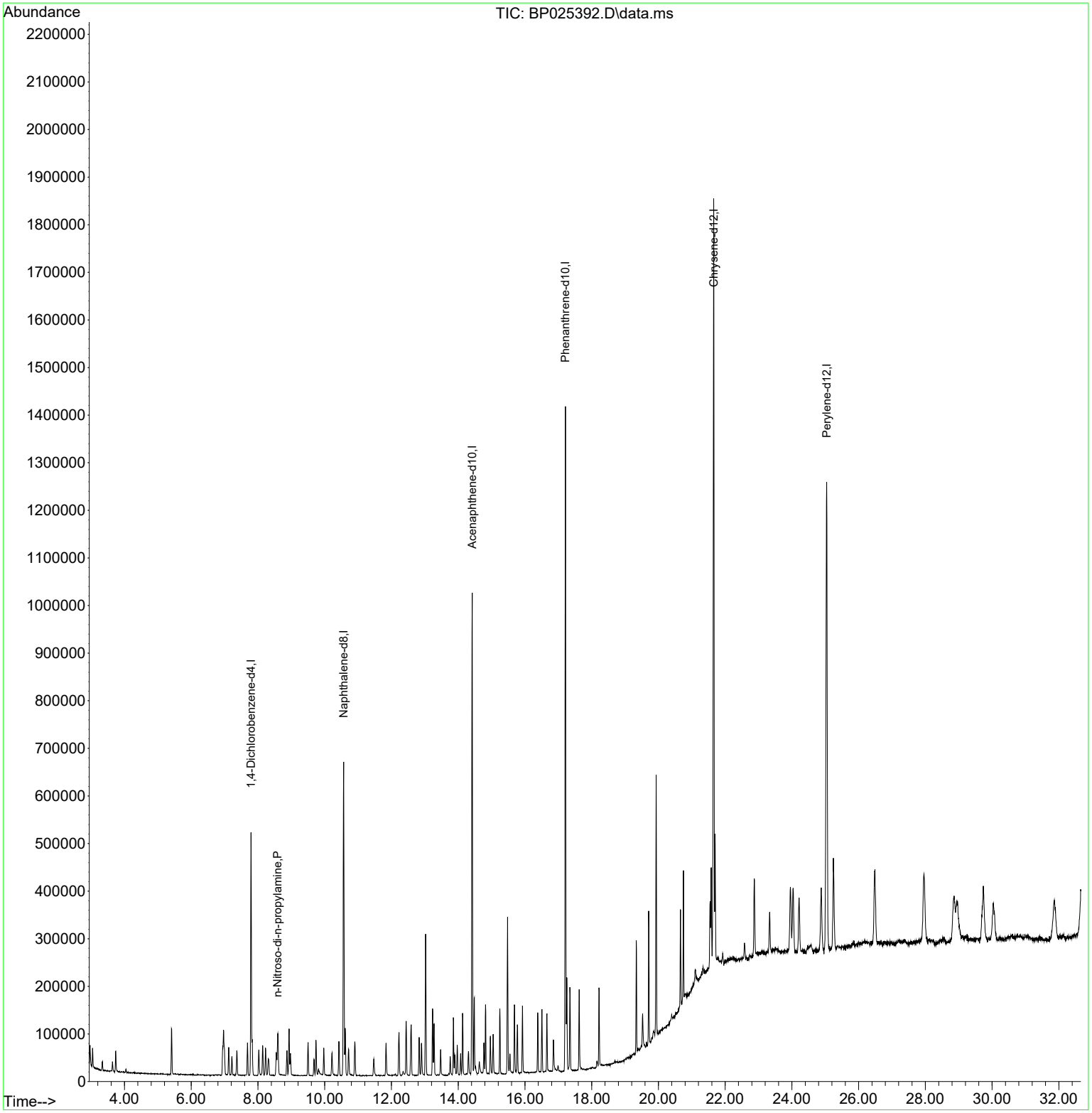
(#) = qualifier out of range (m) = manual integration (+) = signals summed

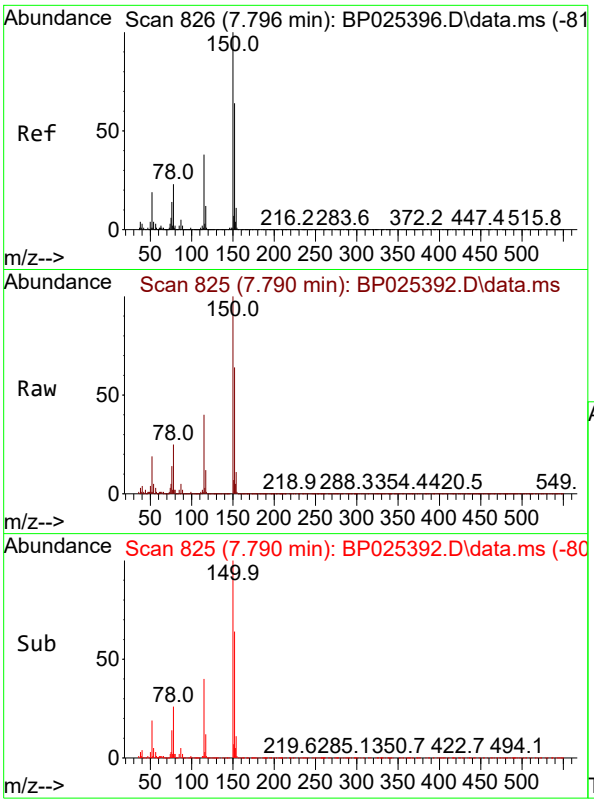
ICAL Form

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



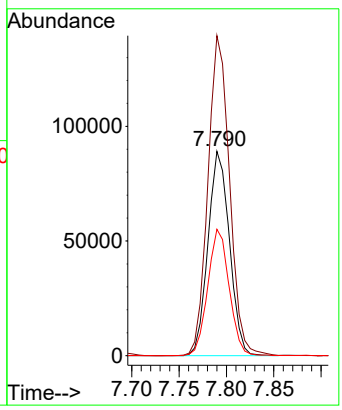


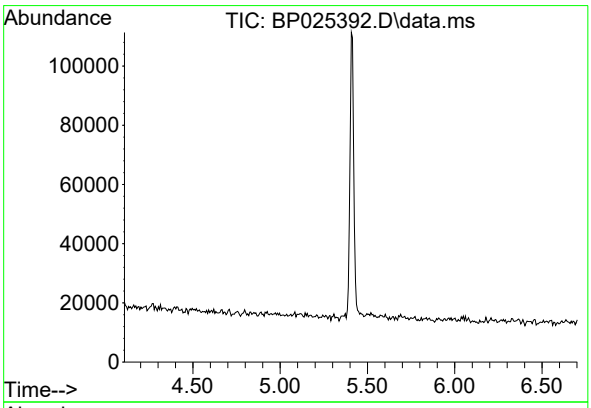
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

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



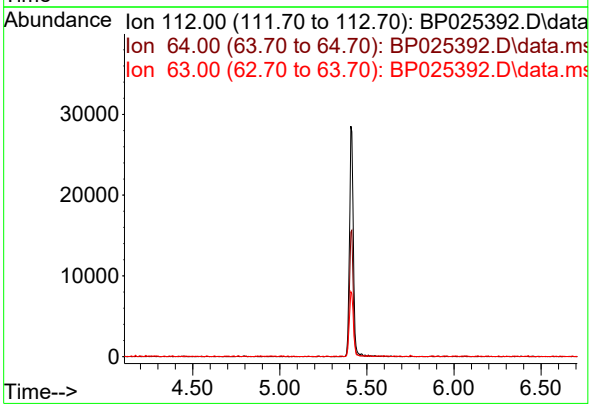


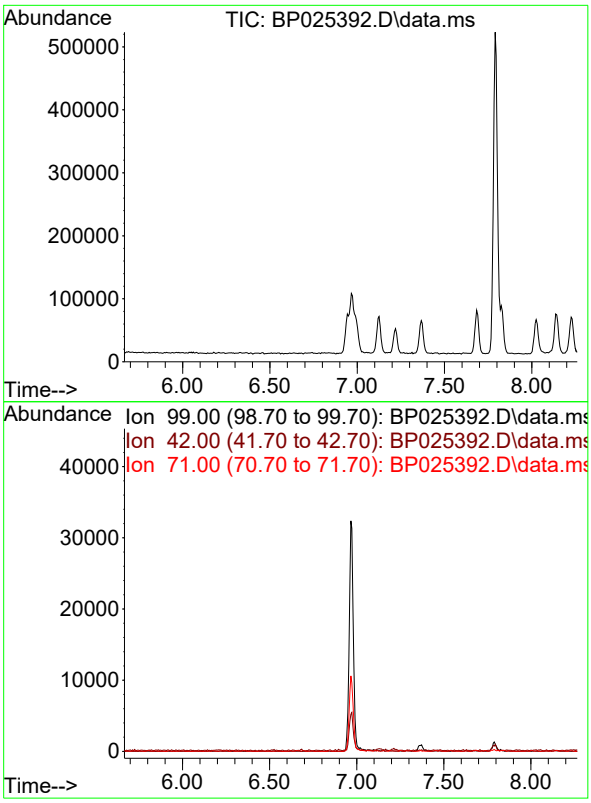
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.41 min

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

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	54.8
63	28.4





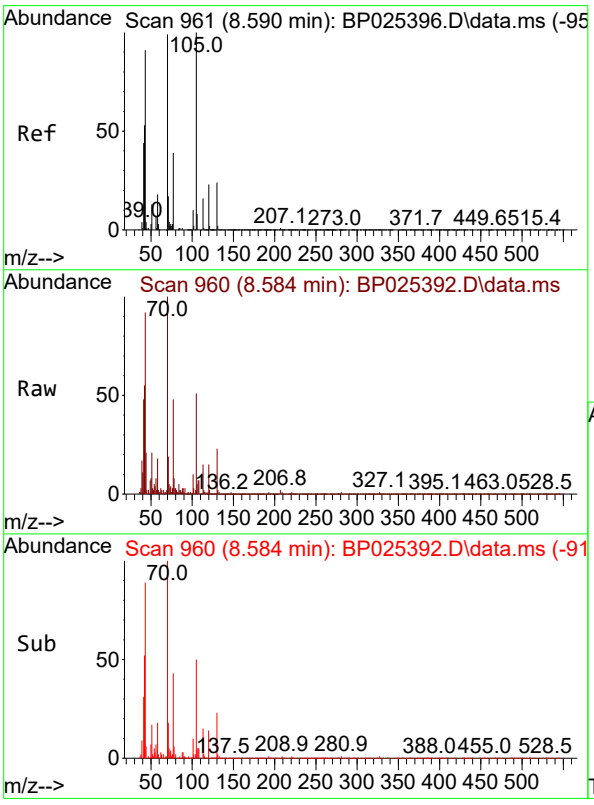
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.97 min

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

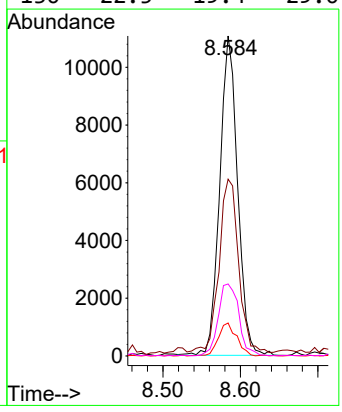
Sig	Exp Ratio
99	100
42	17.1
71	35.3

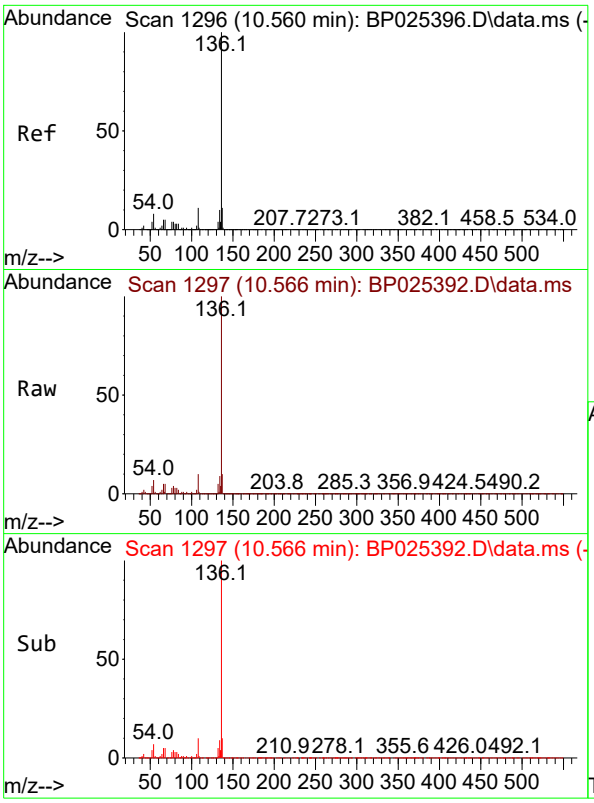


#19
n-Nitroso-di-n-propylamine
Concen: 2.476 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.006 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

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



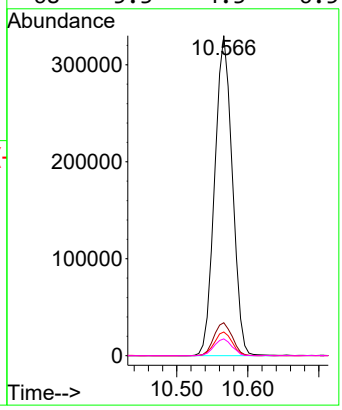


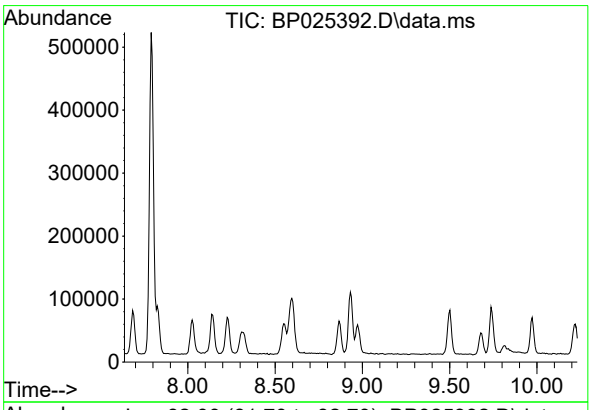
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

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



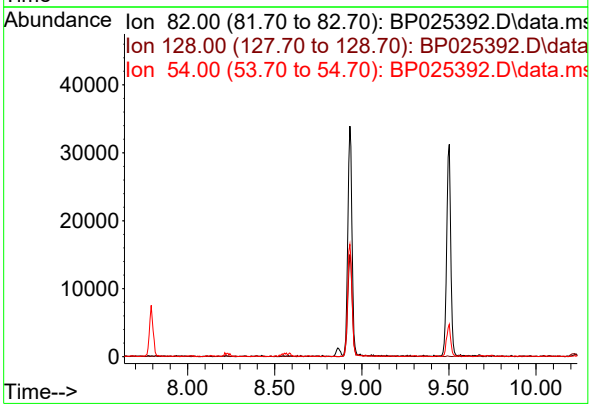


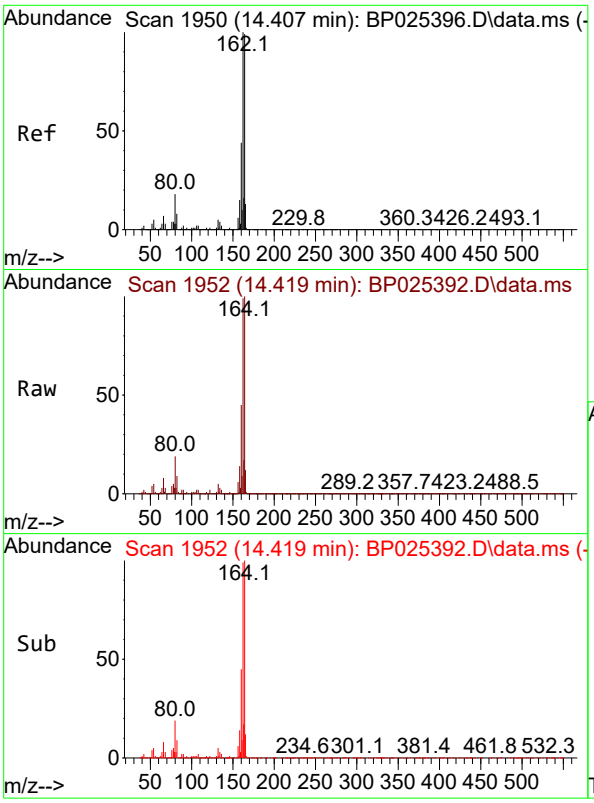
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.94 min

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

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	47.1
54	49.7



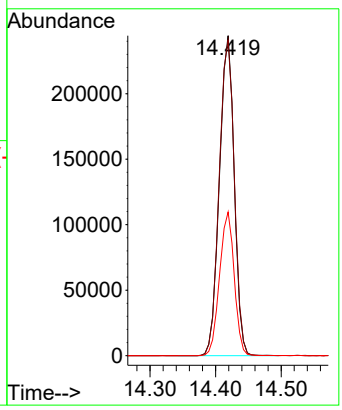


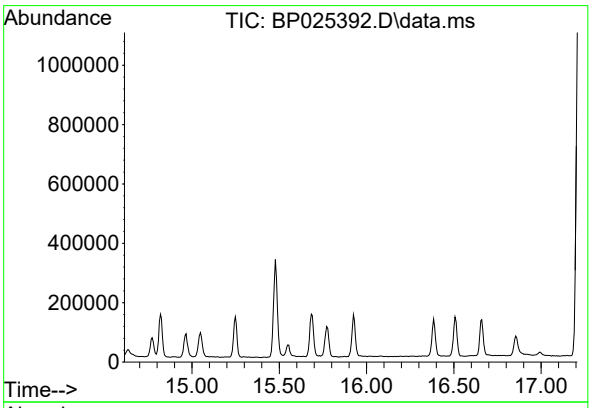
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.419 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

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



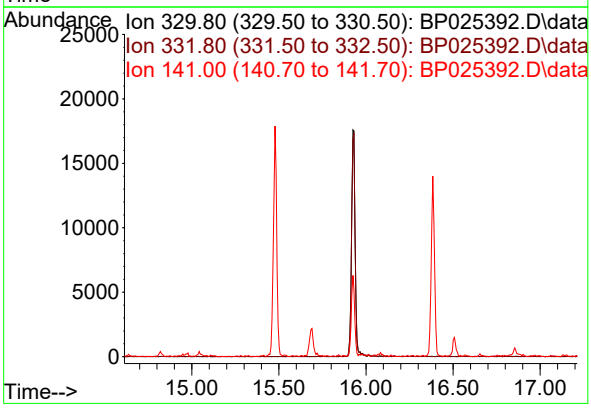


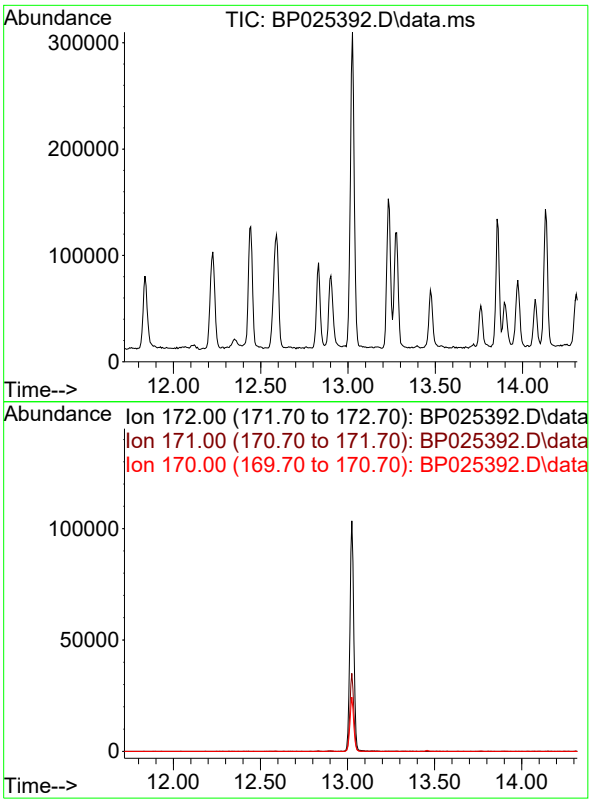
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.91 min

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

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.6
141	33.2





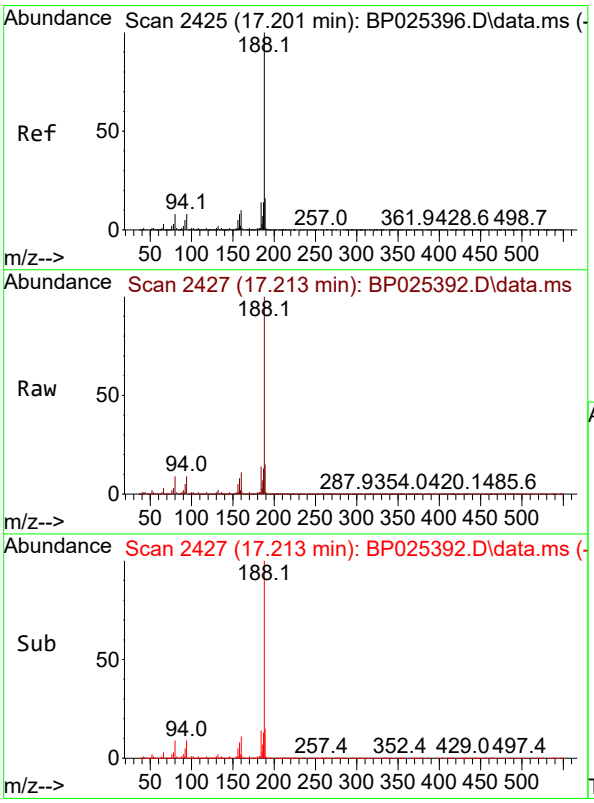
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.02 min

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

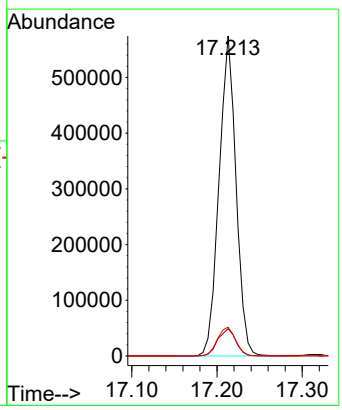
Sig	Exp Ratio
172	100
171	35.1
170	23.3

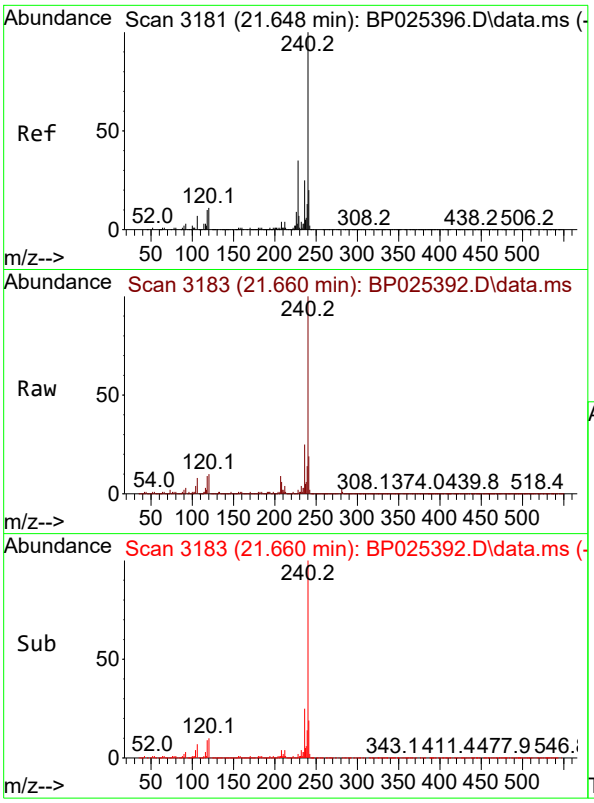


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

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



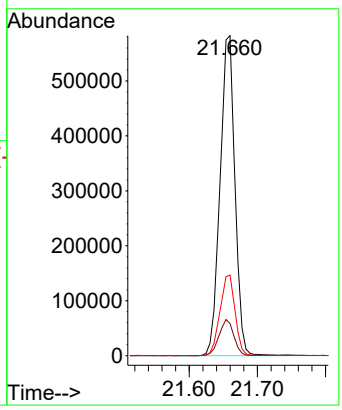


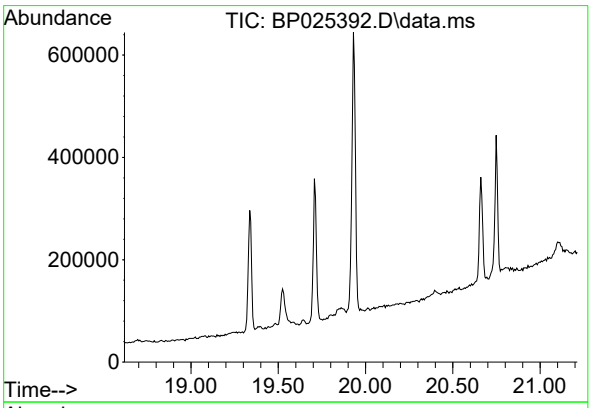
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

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



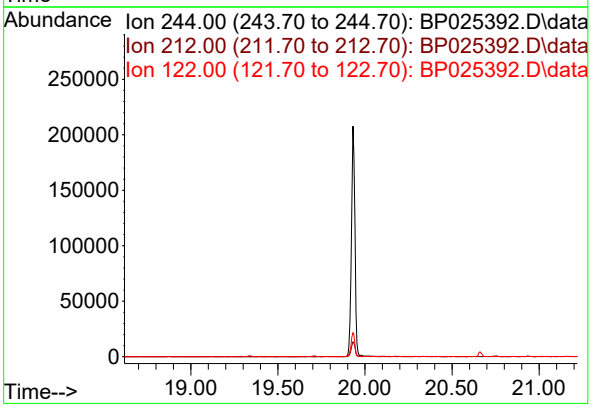


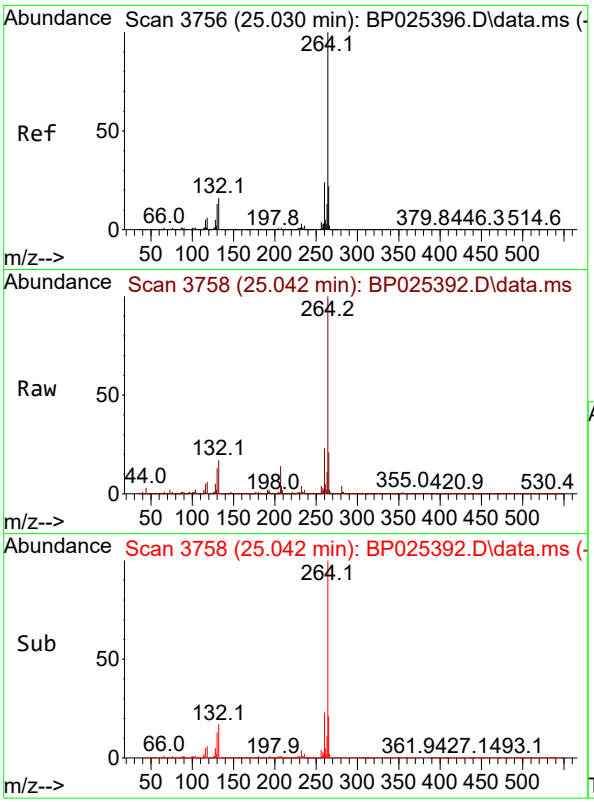
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.92 min

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

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.2
122	9.3



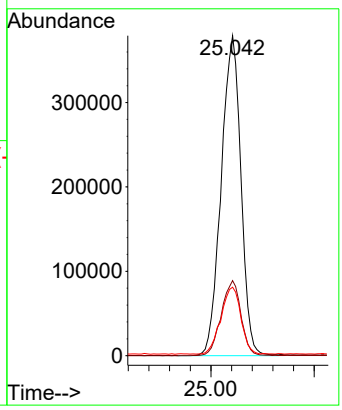


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.042 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

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



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025393.D
Acq On : 14 Aug 2025 13:15
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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

Quant Time: Aug 14 17:52:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	130958	20.000	ng		0.00
21) Naphthalene-d8	10.560	136	551384	20.000	ng		0.00
39) Acenaphthene-d10	14.401	164	392376	20.000	ng		0.00
64) Phenanthrene-d10	17.207	188	816331	20.000	ng		0.00
76) Chrysene-d12	21.654	240	858165	20.000	ng		0.00
86) Perylene-d12	25.036	264	963881	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	80645	10.227	ng		0.00
7) Phenol-d6	6.966	99	97106	9.605	ng		0.00
23) Nitrobenzene-d5	8.931	82	108814	9.983	ng		0.00
42) 2,4,6-Tribromophenol	15.913	330	52188	9.881	ng		0.00
45) 2-Fluorobiphenyl	13.019	172	305742	10.649	ng		0.00
79) Terphenyl-d14	19.925	244	536049	11.428	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	17016	5.509	ng		95
3) Pyridine	3.731	79	47347	5.600	ng		95
6) Aniline	7.119	93	68694	5.043	ng		100
8) 2-Chlorophenol	7.366	128	44217	4.969	ng		98
10) Phenol	6.990	94	52186	4.919	ng		98
11) bis(2-Chloroethyl)ether	7.219	93	41995	5.079	ng		98
12) 1,3-Dichlorobenzene	7.684	146	50146	5.111	ng		96
13) 1,4-Dichlorobenzene	7.825	146	51948	5.180	ng		97
14) 1,2-Dichlorobenzene	8.143	146	50995	5.253	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.313	45	57686	5.208	ng		98
17) 2-Methylphenol	8.225	107	35186	4.776	ng		96
18) Hexachloroethane	8.866	117	18905	5.127	ng		99
19) n-Nitroso-di-n-propyla...	8.584	70	34898	5.205	ng		95
22) Acetophenone	8.602	105	70986	5.134	ng	#	96
24) Nitrobenzene	8.972	77	48234	4.951	ng		99
25) Isophorone	9.496	82	101112	5.242	ng		98
26) 2-Nitrophenol	9.678	139	23020	4.605	ng		95
27) 2,4-Dimethylphenol	9.737	122	41790	4.861	ng		99
28) bis(2-Chloroethoxy)met...	9.972	93	61017	5.233	ng		98
29) 2,4-Dichlorophenol	10.213	162	40336	4.723	ng		94
30) 1,2,4-Trichlorobenzene	10.425	180	49237	5.259	ng		97
31) Naphthalene	10.613	128	147346	5.141	ng		99
33) 4-Chloroaniline	10.713	127	62452	4.933	ng		96
34) Hexachlorobutadiene	10.902	225	30559	5.241	ng		95
36) 4-Chloro-3-methylphenol	11.837	107	50515	5.154	ng		91
37) 2-Methylnaphthalene	12.219	142	98648	5.289	ng		97
38) 1-Methylnaphthalene	12.437	142	107044	5.397	ng		97
40) 1,2,4,5-Tetrachloroben...	12.590	216	56676	5.001	ng		100
43) 2,4,6-Trichlorophenol	12.831	196	36093	4.718	ng		95
44) 2,4,5-Trichlorophenol	12.901	196	40875	4.875	ng		95
46) 1,1'-Biphenyl	13.237	154	146651	5.146	ng		98
47) 2-Chloronaphthalene	13.272	162	113015	5.094	ng		99
48) 2-Nitroaniline	13.466	65	29527	4.568	ng		98
49) Acenaphthylene	14.125	152	187026	5.095	ng		99
50) Dimethylphthalate	13.860	163	153868	5.355	ng		99
51) 2,6-Dinitrotoluene	13.966	165	29088	4.803	ng		94

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025393.D
Acq On : 14 Aug 2025 13:15
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

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

Quant Time: Aug 14 17:52:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.472	154	112730m	5.232	ng	
53) 3-Nitroaniline	14.301	138	31224	4.583	ng	85
55) Dibenzofuran	14.813	168	178494	5.240	ng	99
57) 2,4-Dinitrotoluene	14.760	165	39658	4.590	ng	94
58) Fluorene	15.472	166	147760	5.497	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.037	232	36779	4.968	ng	99
60) Diethylphthalate	15.237	149	158426	5.426	ng	99
61) 4-Chlorophenyl-phenyle...	15.466	204	74636	5.583	ng	99
62) 4-Nitroaniline	15.478	138	33466	4.791	ng	90
63) Azobenzene	15.760	77	128978	5.159	ng	99
66) n-Nitrosodiphenylamine	15.678	169	129805	5.214	ng	97
67) 4-Bromophenyl-phenylether	16.378	248	47579	5.299	ng	98
68) Hexachlorobenzene	16.501	284	53940	5.183	ng	98
69) Atrazine	16.648	200	46750	5.015	ng	96
71) Phenanthrene	17.248	178	237107	5.287	ng	98
72) Anthracene	17.342	178	236938	5.174	ng	99
73) Carbazole	17.619	167	220112	5.103	ng	98
74) Di-n-butylphthalate	18.231	149	274467	5.172	ng	99
75) Fluoranthene	19.336	202	279497	5.225	ng	99
78) Pyrene	19.713	202	299922	5.377	ng	98
80) Butylbenzylphthalate	20.654	149	126321	4.997	ng	99
81) Benzo(a)anthracene	21.636	228	296847	5.245	ng	100
83) Chrysene	21.701	228	277175	5.229	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	194541	5.228	ng	97
87) Indeno(1,2,3-cd)pyrene	28.865	276	350414	4.956	ng	98
88) Benzo(b)fluoranthene	23.960	252	289797	5.099	ng	99
89) Benzo(k)fluoranthene	24.042	252	289556	5.091	ng	98
90) Benzo(a)pyrene	24.877	252	274440	4.960	ng	99
91) Dibenzo(a,h)anthracene	28.942	278	284440	4.924	ng	100
92) Benzo(g,h,i)perylene	30.036	276	279987	4.931	ng	97

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

ICAL Form

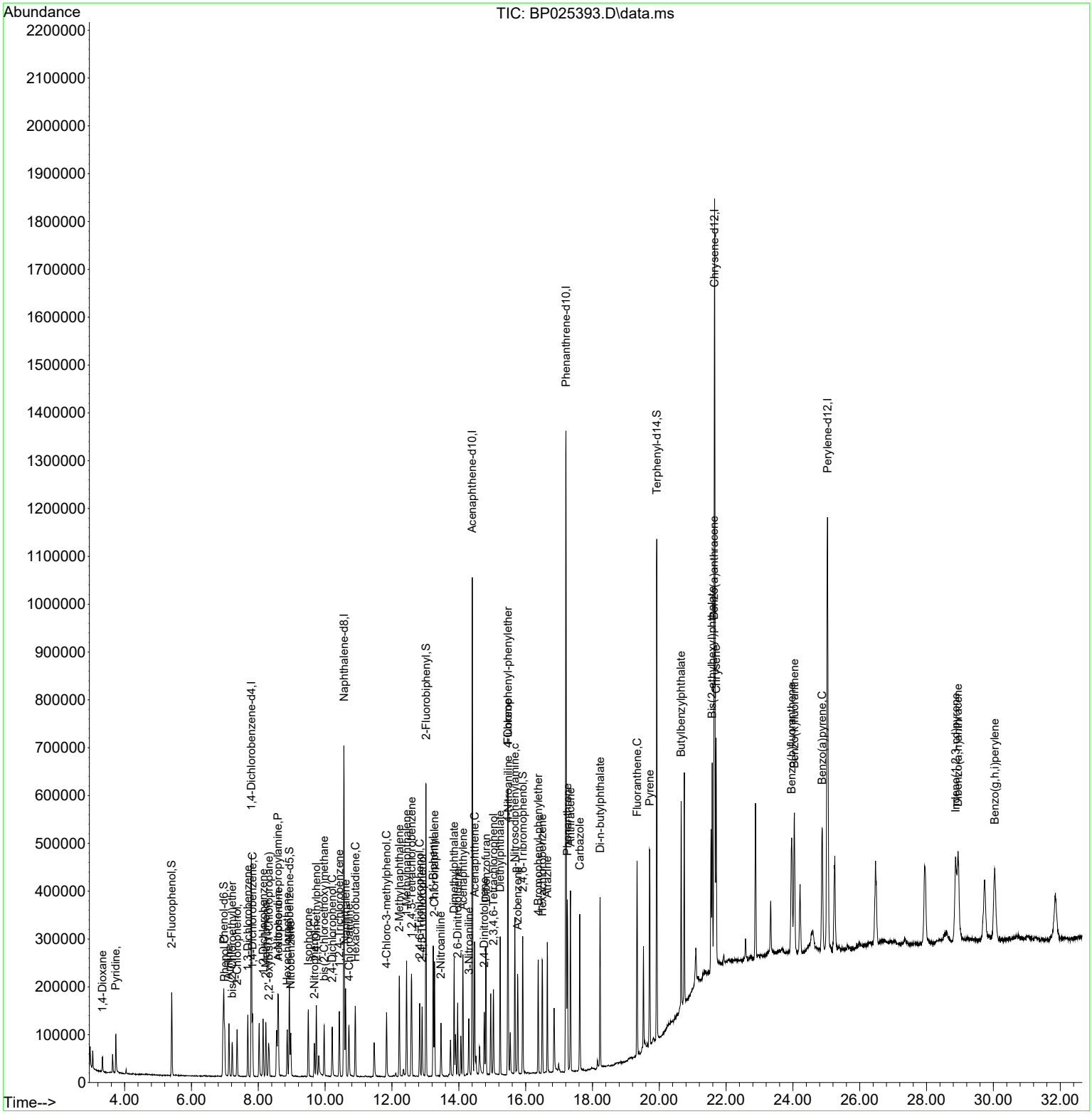
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025393.D
Acq On : 14 Aug 2025 13:15
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

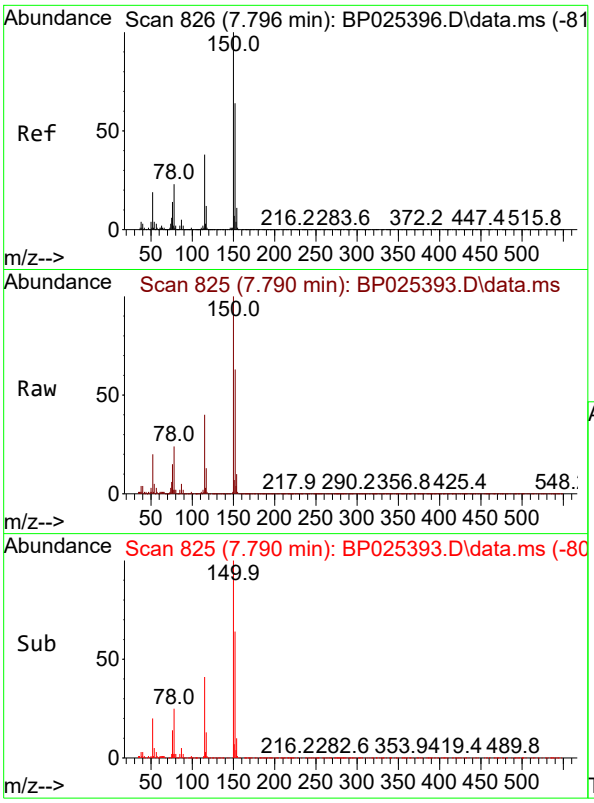
Quant Time: Aug 14 17:52:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

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

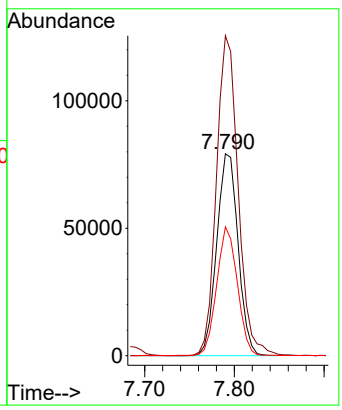




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:152 Resp: 13095

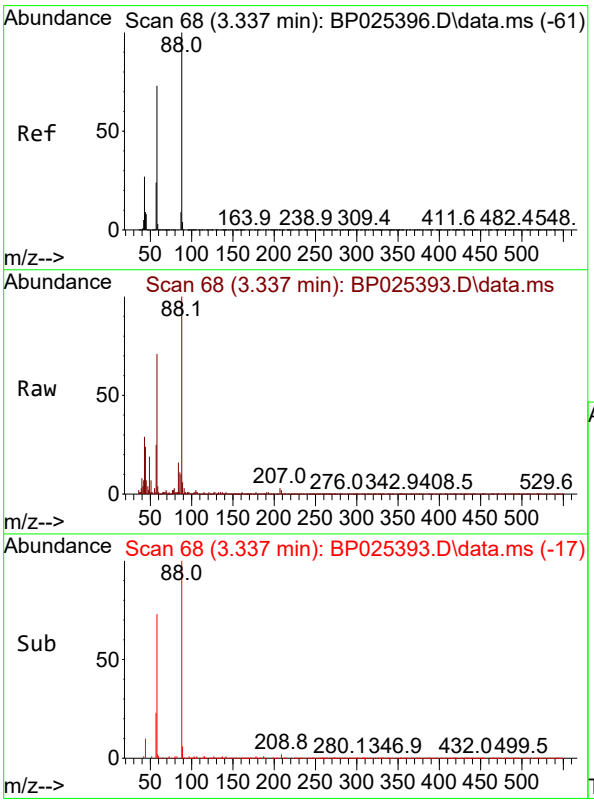
Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.9	188.9
115	63.8	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

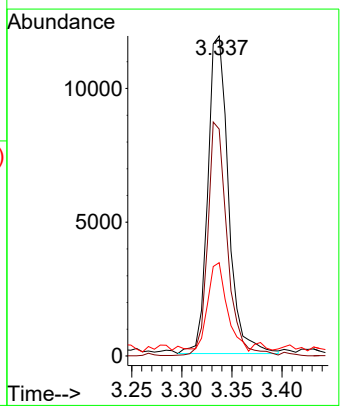
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

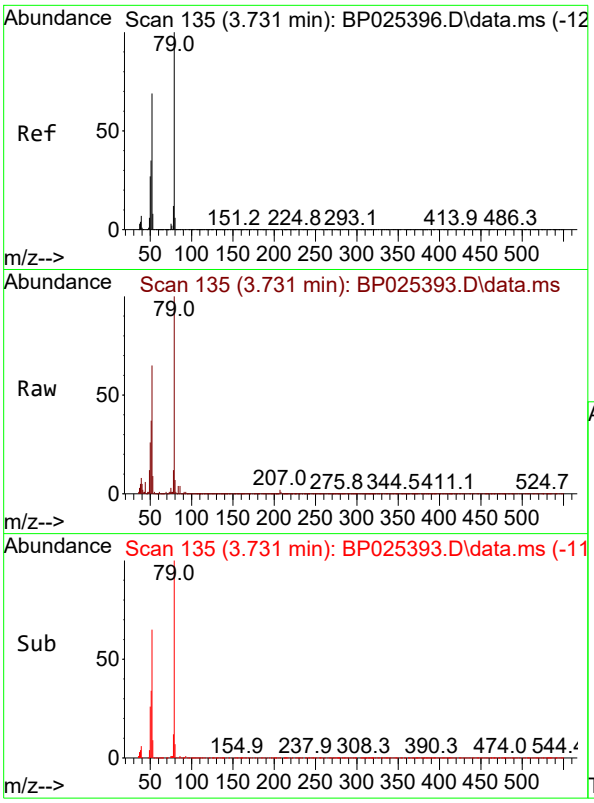


#2
1,4-Dioxane
Concen: 5.509 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 88 Resp: 17016

Ion	Ratio	Lower	Upper
88	100		
58	69.1	59.2	88.8
43	26.1	21.7	32.5

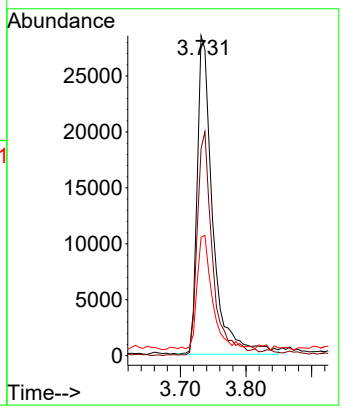




#3
Pyridine
Concen: 5.600 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 79 Resp: 4734

Ion	Ratio	Lower	Upper
79	100		
52	64.7	55.5	83.3
51	37.0	28.3	42.5



Instrument :
BNA_P
ClientSampleId :
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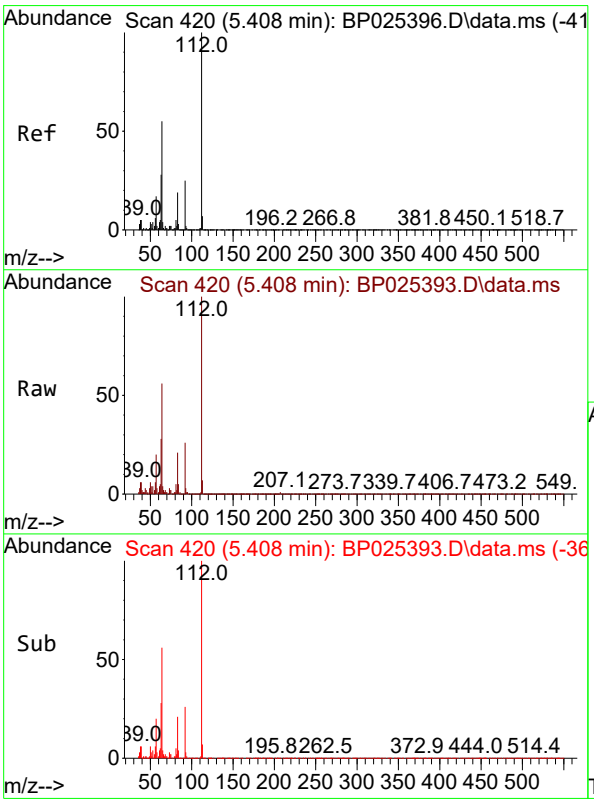
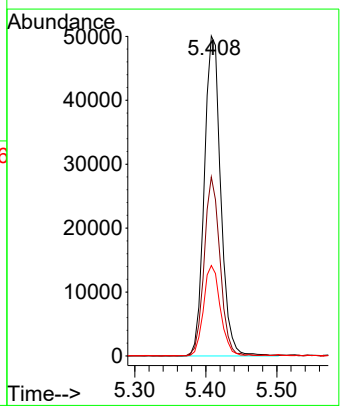
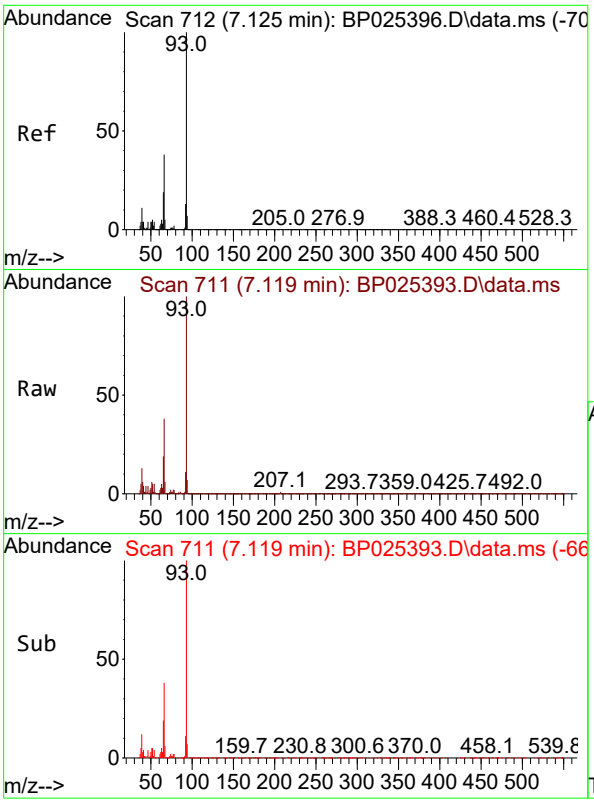


#5
2-Fluorophenol
Concen: 10.227 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

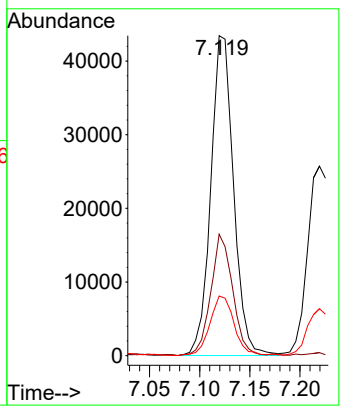




#6
Aniline
Concen: 5.043 ng
RT: 7.119 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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 :
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ClientSampleId :
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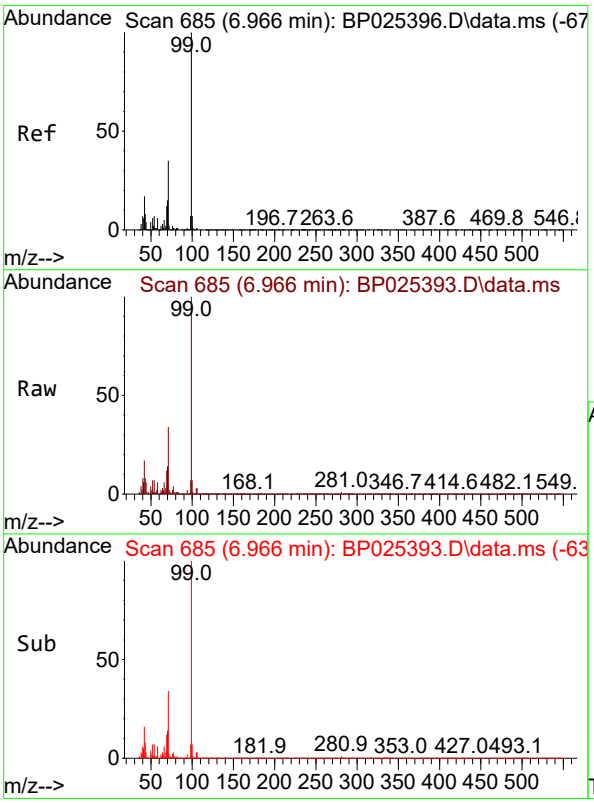
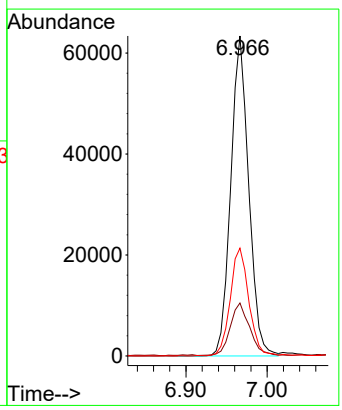
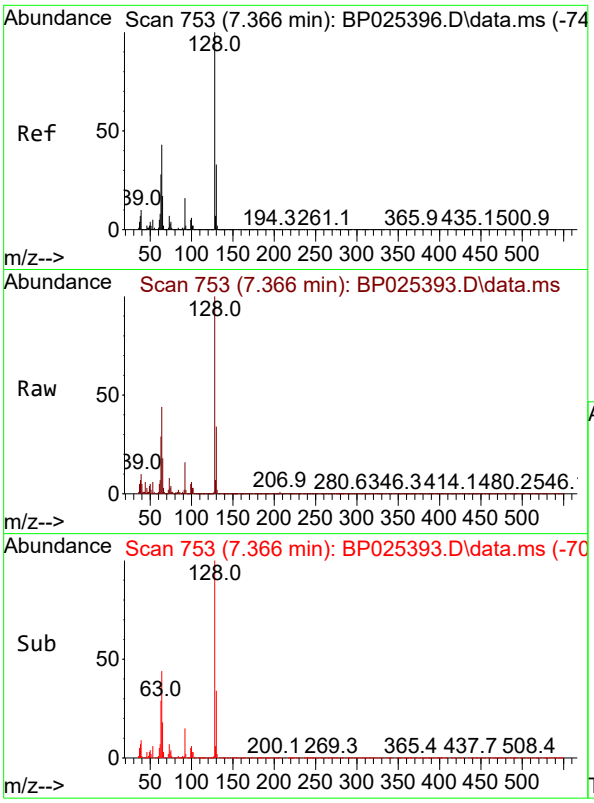


#7
Phenol-d6
Concen: 9.605 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

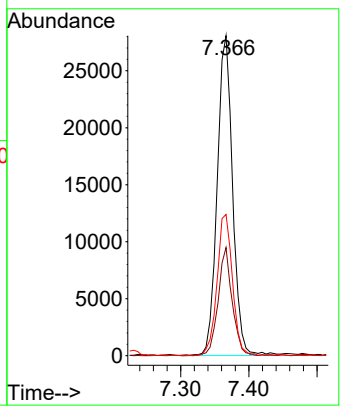




#8
2-Chlorophenol
Concen: 4.969 ng
RT: 7.366 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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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ClientSampleId :
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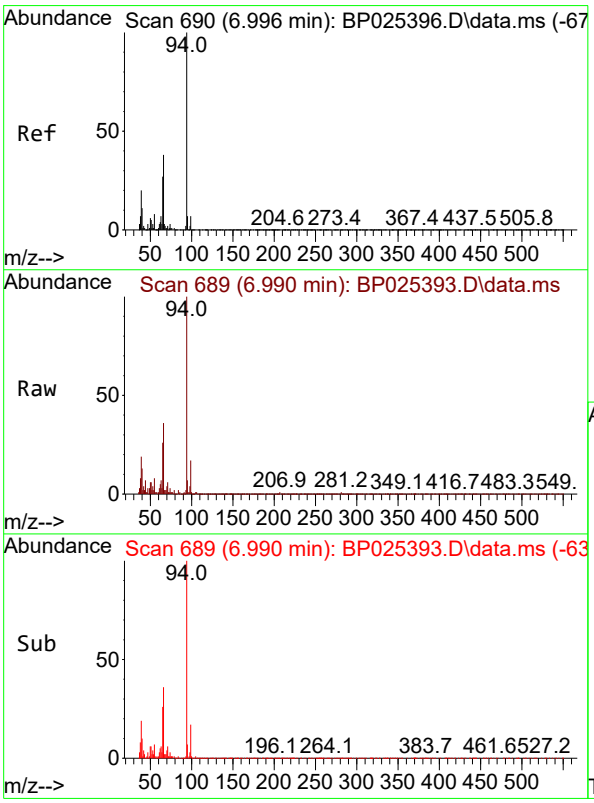
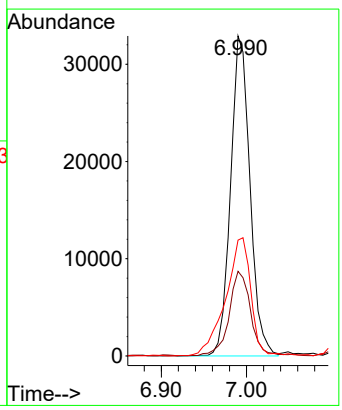
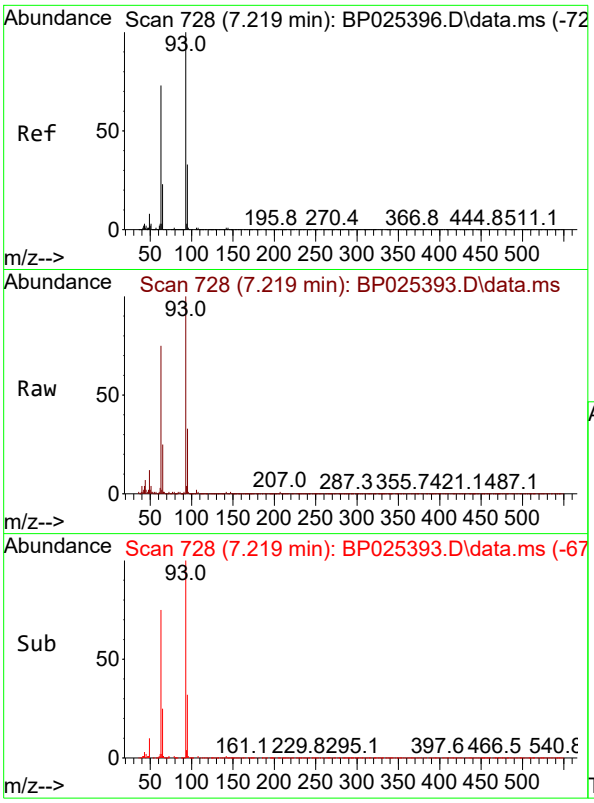


#10
Phenol
Concen: 4.919 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 94 Resp: 52186

Ion	Ratio	Lower	Upper
94	100		
65	26.5	6.8	46.8
66	36.2	18.2	58.2

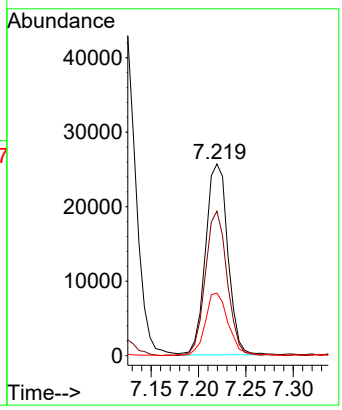




#11
bis(2-Chloroethyl)ether
Concen: 5.079 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 93 Resp: 4199

Ion	Ratio	Lower	Upper
93	100		
63	75.4	52.6	92.6
95	32.6	12.7	52.7



Instrument :
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ClientSampleId :
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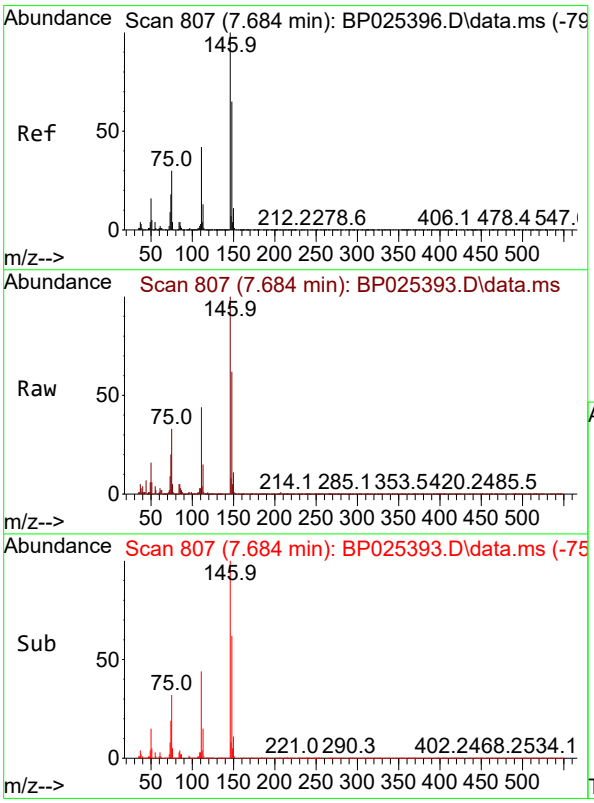
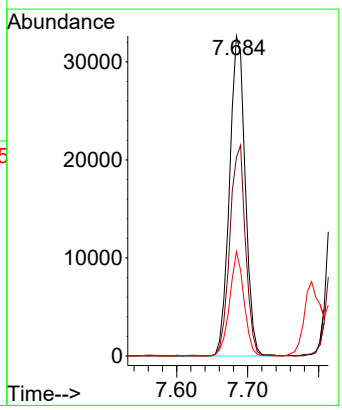
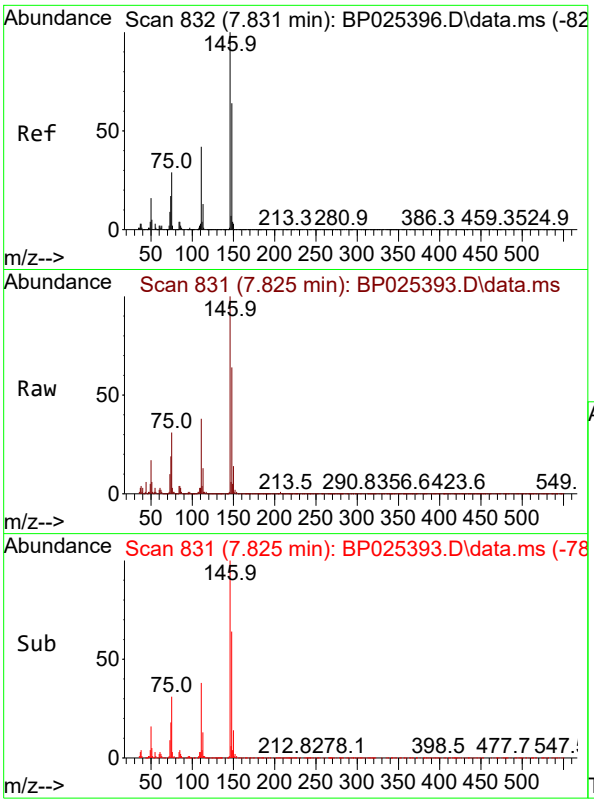


#12
1,3-Dichlorobenzene
Concen: 5.111 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:146 Resp: 50146

Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.9	77.9
75	32.6	23.7	35.5

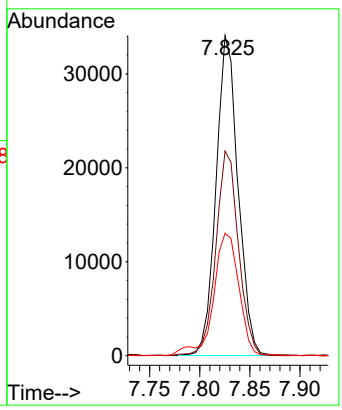




#13
1,4-Dichlorobenzene
Concen: 5.180 ng
RT: 7.825 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:146 Resp: 5194

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.6	77.4
111	38.3	33.4	50.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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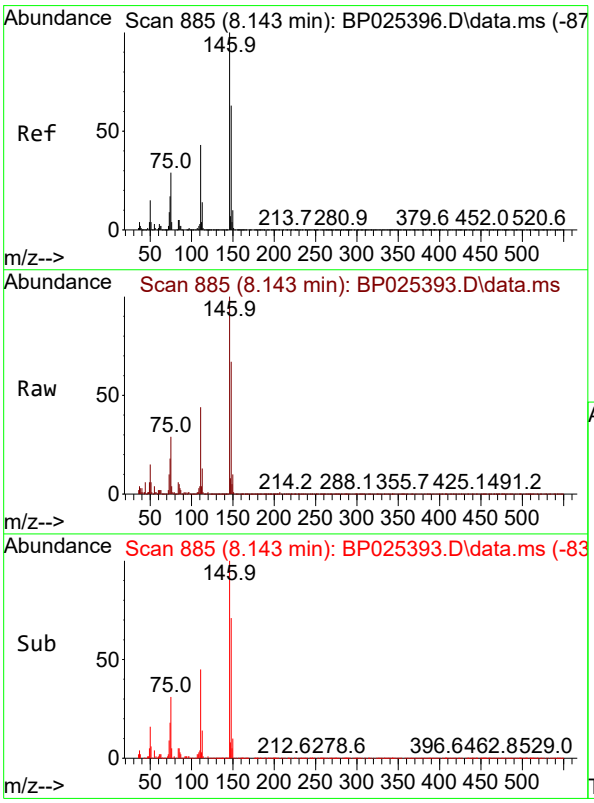
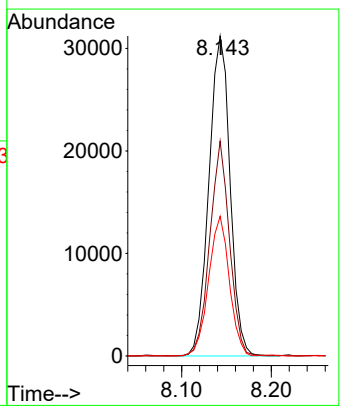
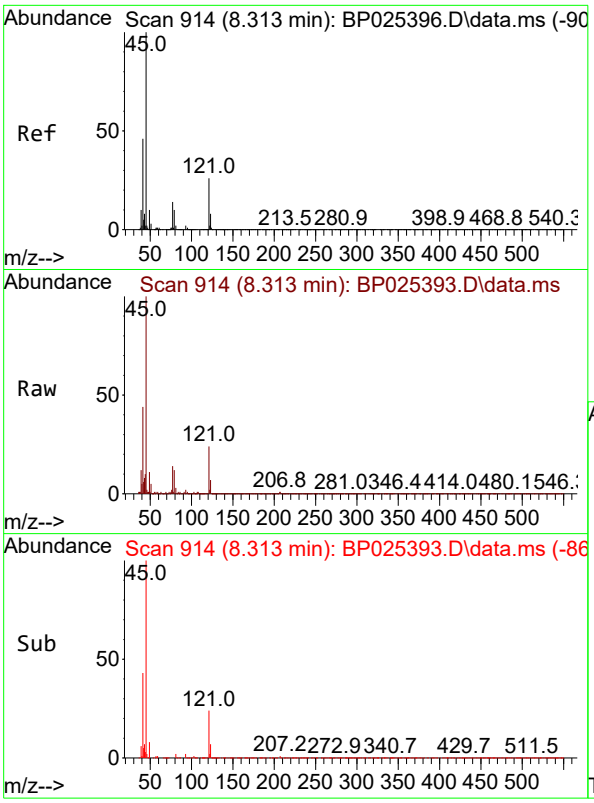


#14
1,2-Dichlorobenzene
Concen: 5.253 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:146 Resp: 50995

Ion	Ratio	Lower	Upper
146	100		
148	67.2	50.4	75.6
111	43.7	34.5	51.7





#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.208 ng
RT: 8.313 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 45 Resp: 5768

Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	35.3
79	12.4	0.0	31.8

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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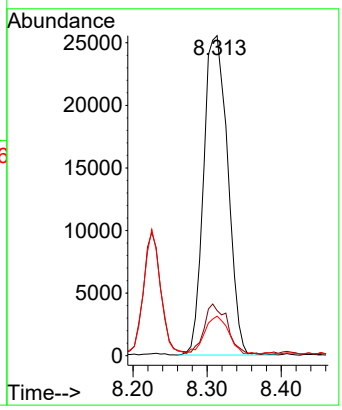
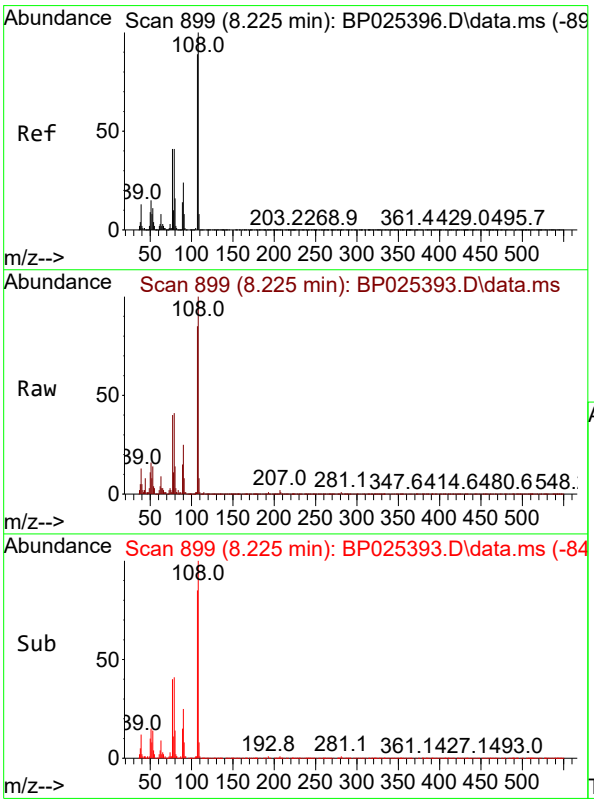
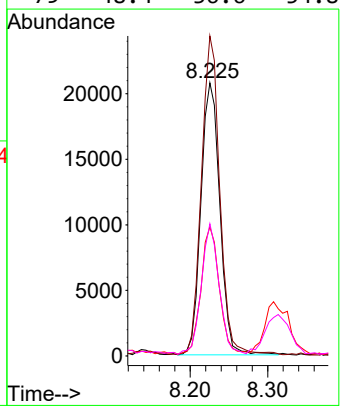


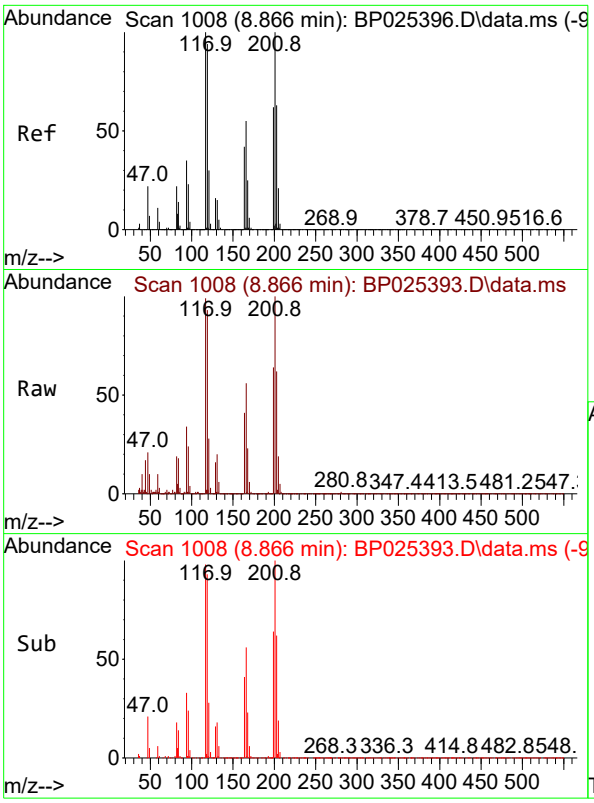


#17
2-Methylphenol
Concen: 4.776 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:107 Resp: 35186

Ion	Ratio	Lower	Upper
107	100		
108	117.2	89.4	134.0
77	47.2	36.3	54.5
79	48.4	36.6	54.8

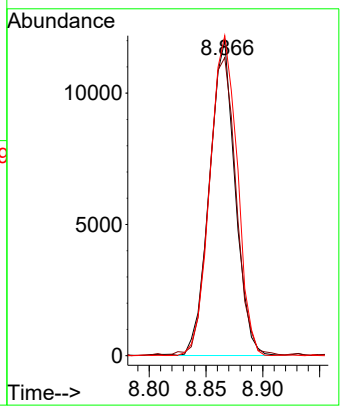




#18
Hexachloroethane
Concen: 5.127 ng
RT: 8.866 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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



Instrument :
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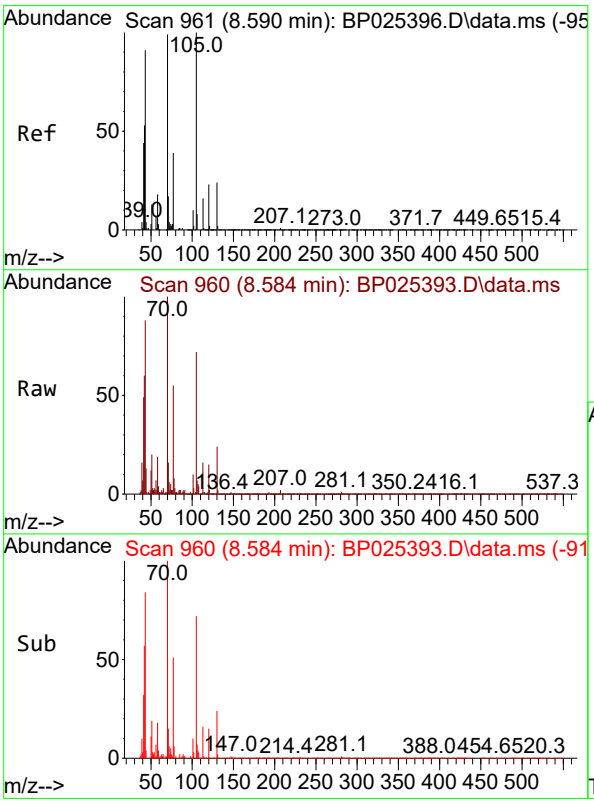
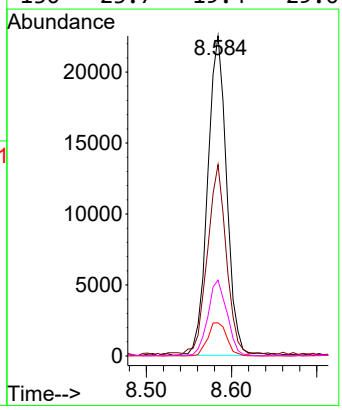
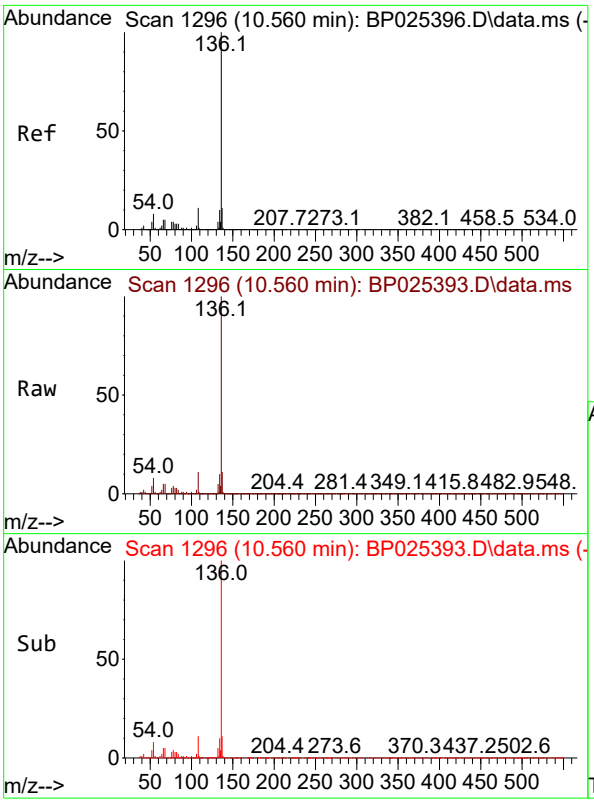


#19
n-Nitroso-di-n-propylamine
Concen: 5.205 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 70 Resp: 34898

Ion	Ratio	Lower	Upper
70	100		
42	59.8	43.8	65.6
101	10.3	8.5	12.7
130	23.7	19.4	29.0

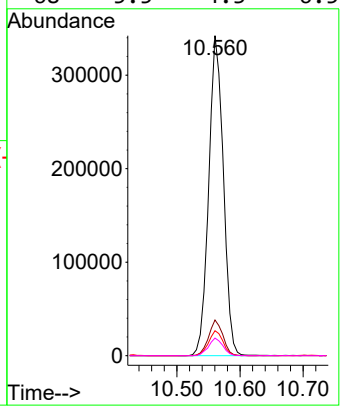




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:136 Resp: 55138

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	7.8	6.0	9.0
68	5.5	4.3	6.5



Instrument :
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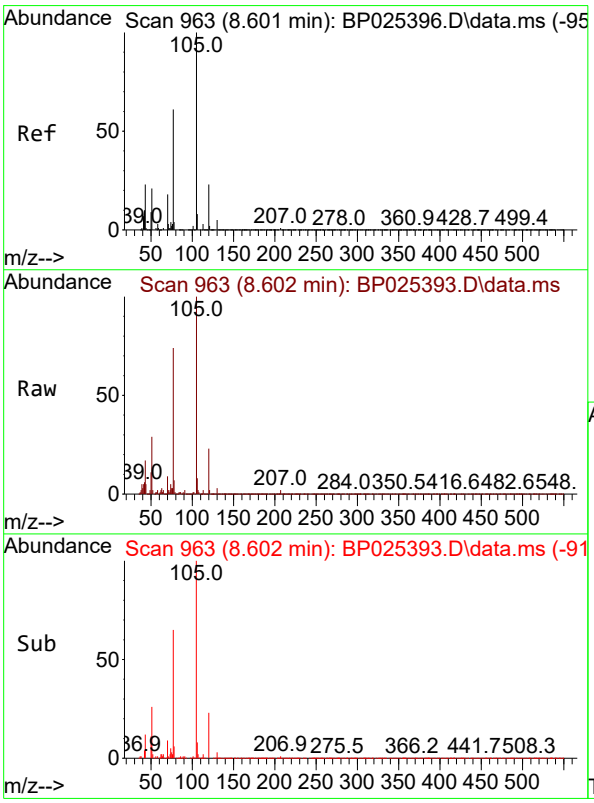
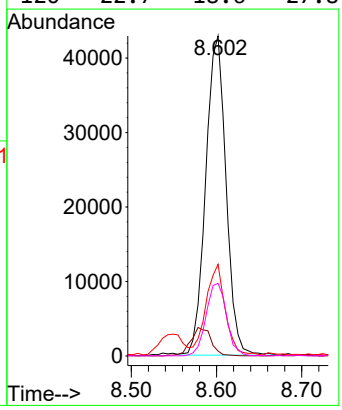
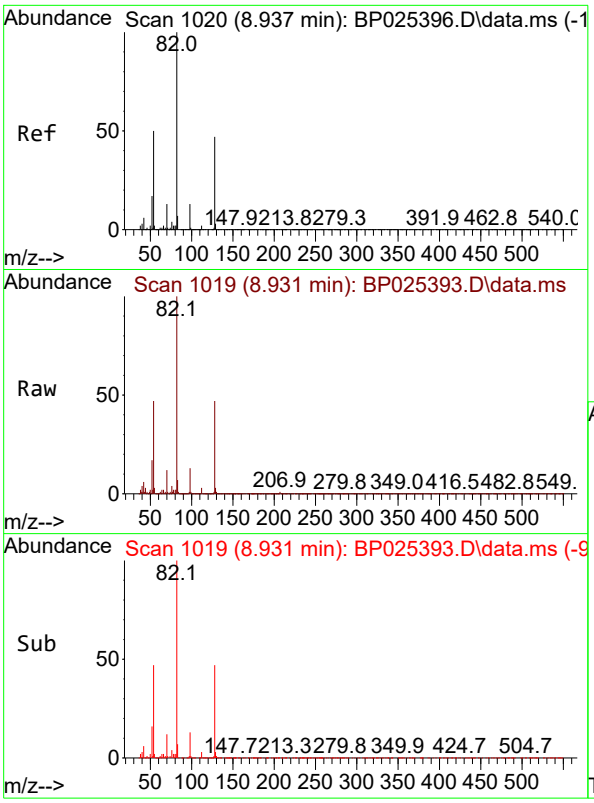


#22
Acetophenone
Concen: 5.134 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:105 Resp: 70986

Ion	Ratio	Lower	Upper
105	100		
71	1.5	2.6	4.0#
51	28.7	20.6	30.8
120	22.7	18.6	27.8

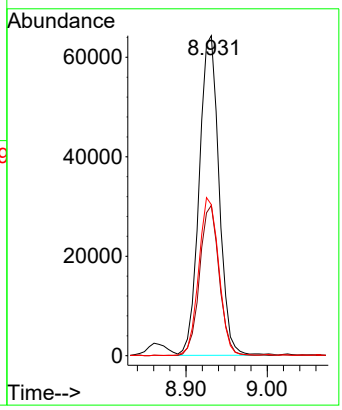




#23
Nitrobenzene-d5
Concen: 9.983 ng
RT: 8.931 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 82 Resp: 10881

Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.7	56.5
54	47.2	39.8	59.6



Instrument :
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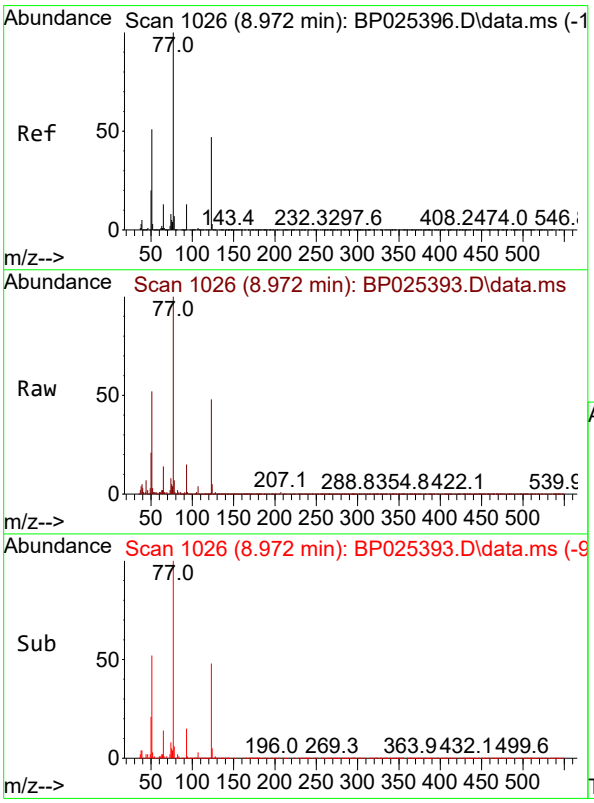
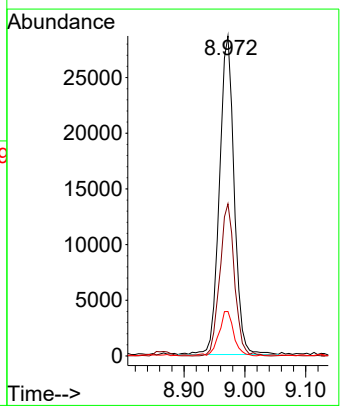
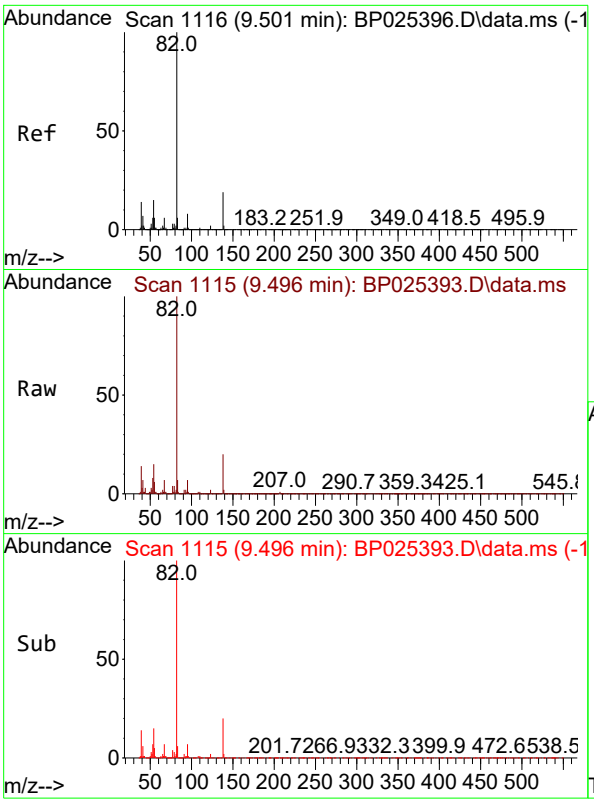


#24
Nitrobenzene
Concen: 4.951 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 77 Resp: 48234

Ion	Ratio	Lower	Upper
77	100		
123	47.6	38.6	58.0
65	13.9	10.6	15.8

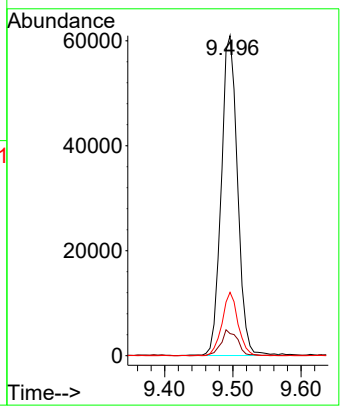




#25
Isophorone
Concen: 5.242 ng
RT: 9.496 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 82 Resp: 10111

Ion	Ratio	Lower	Upper
82	100		
95	6.9	6.4	9.6
138	19.8	15.4	23.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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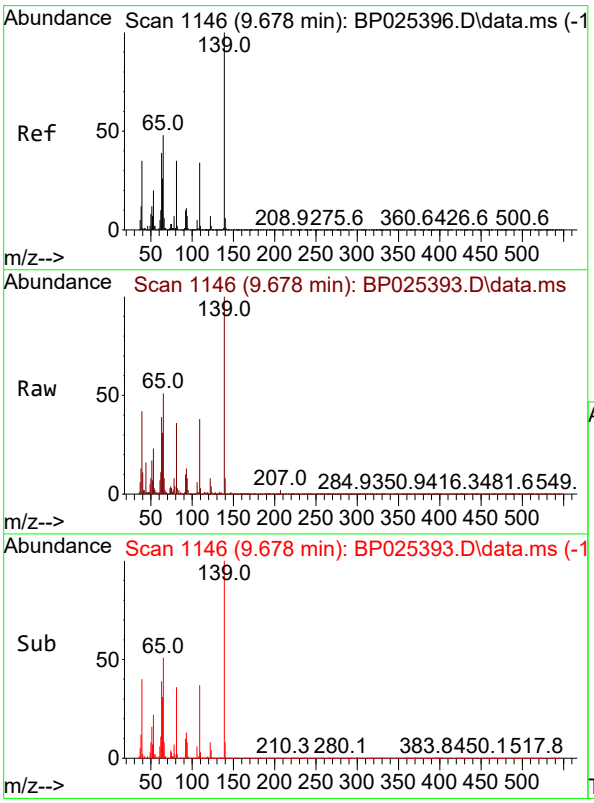
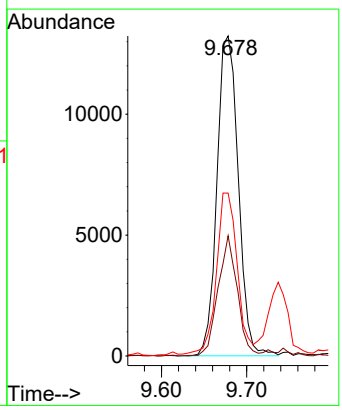
Supervised By :Jagrut Upadhyay 08/15/2025

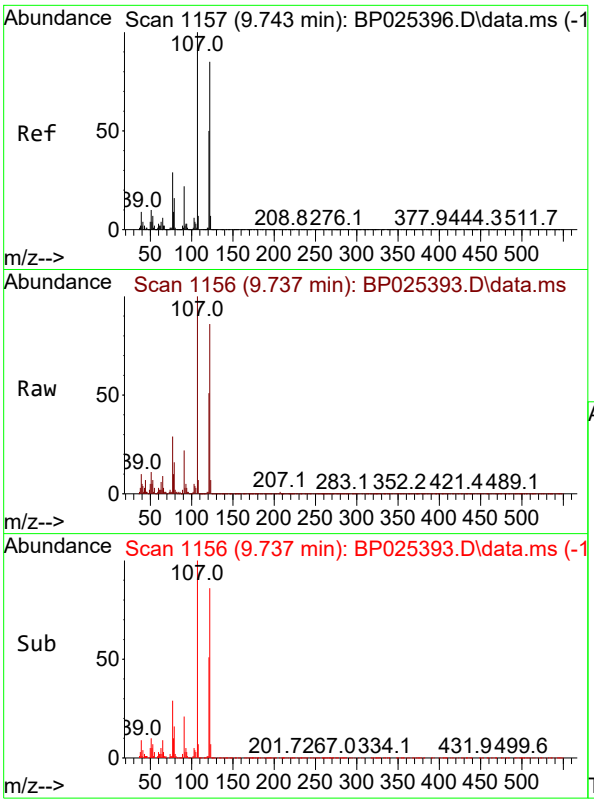


#26
2-Nitrophenol
Concen: 4.605 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

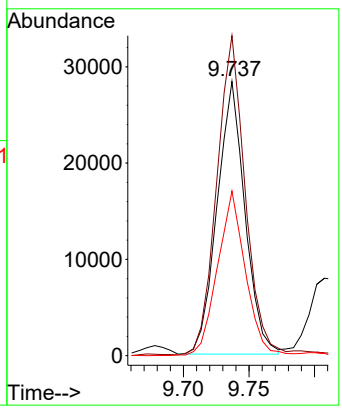




#27
2,4-Dimethylphenol
Concen: 4.861 ng
RT: 9.737 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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 :
BNA_P
ClientSampleId :
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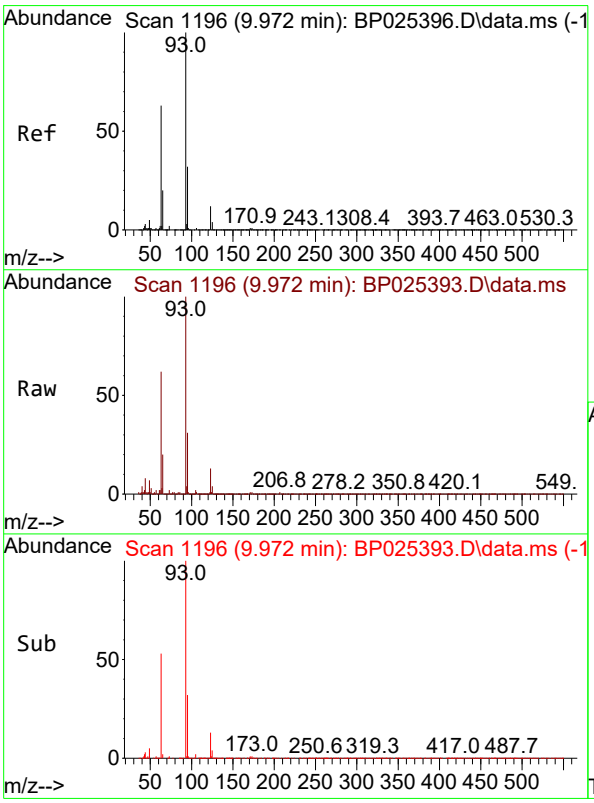
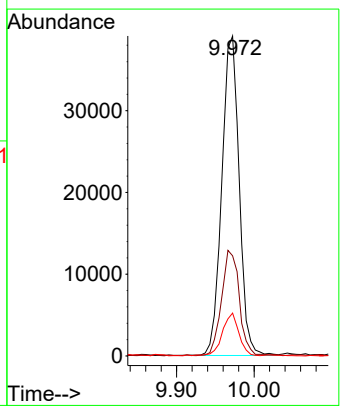
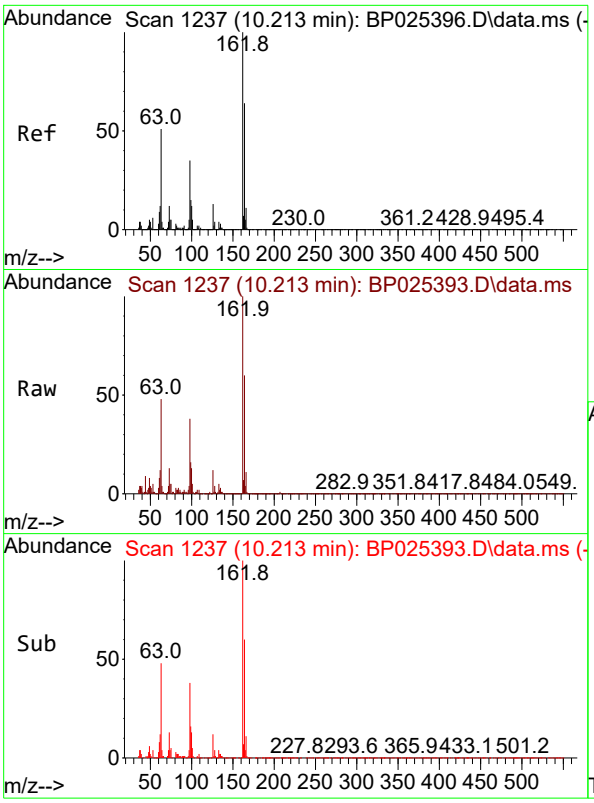


#28
bis(2-Chloroethoxy)methane
Concen: 5.233 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

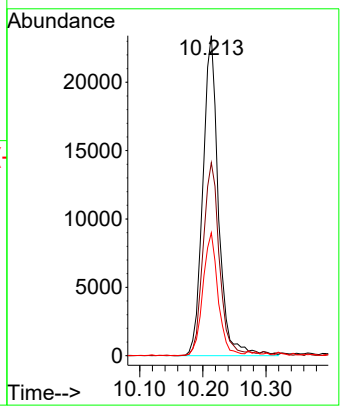




#29
2,4-Dichlorophenol
Concen: 4.723 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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



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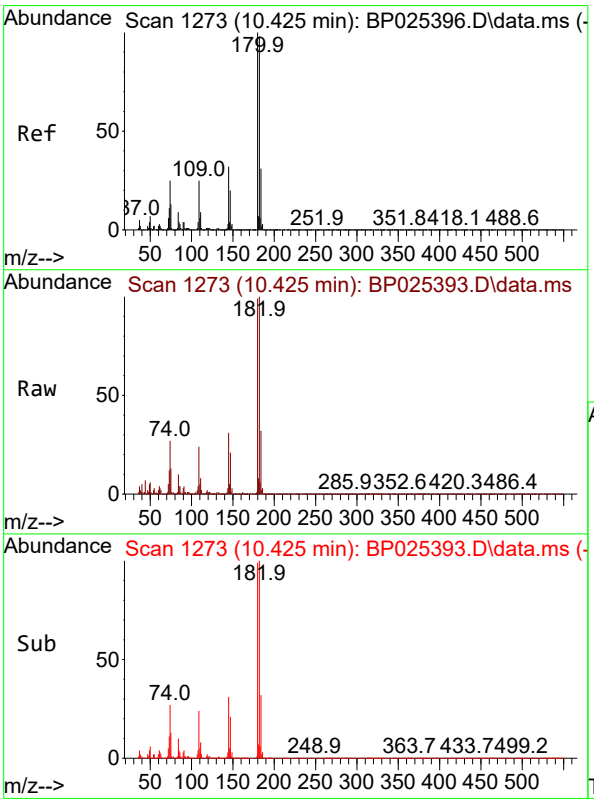
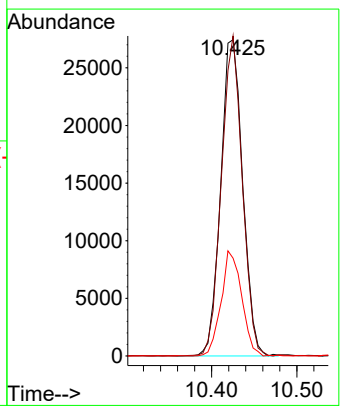
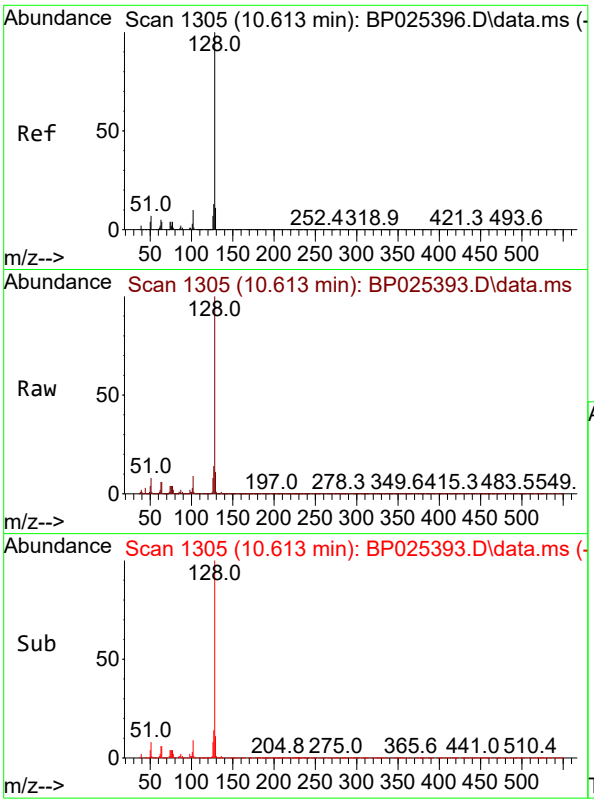


#30
1,2,4-Trichlorobenzene
Concen: 5.259 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

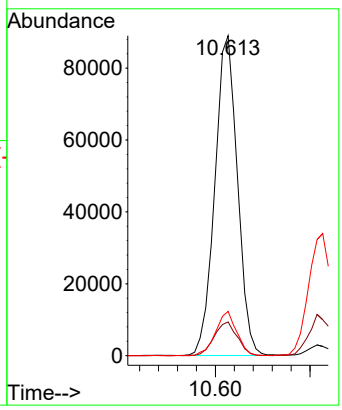




#31
Naphthalene
Concen: 5.141 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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



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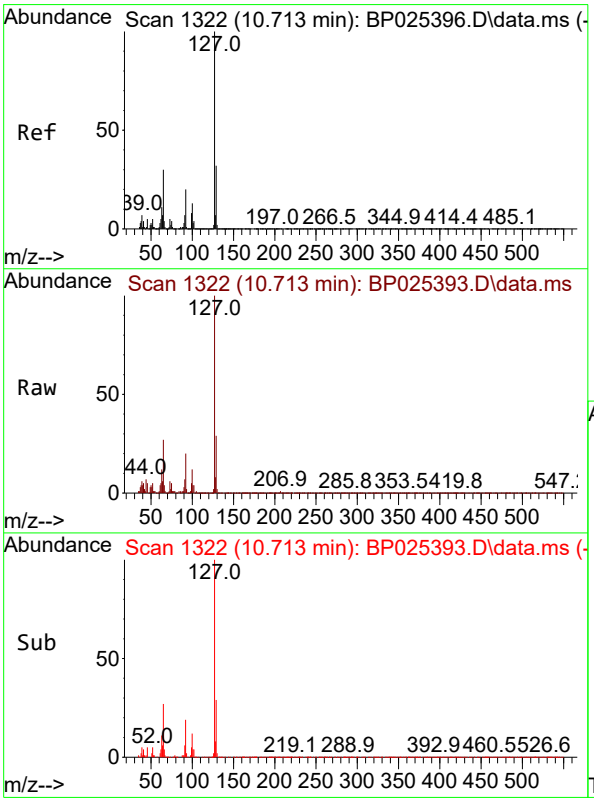
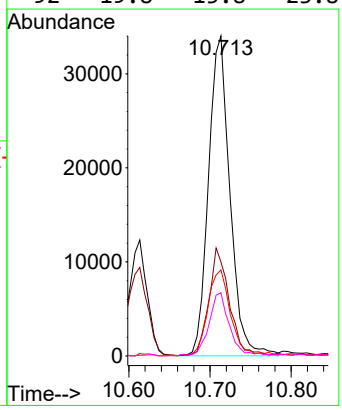
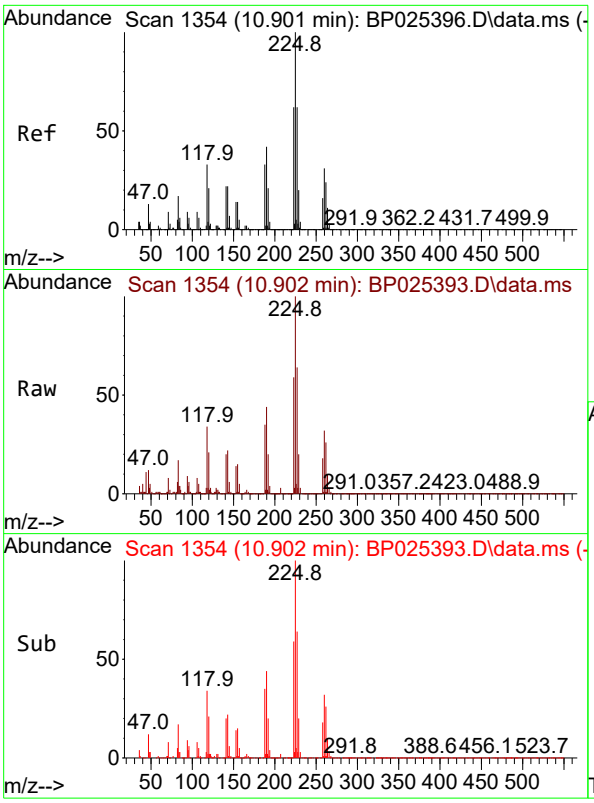


#33
4-Chloroaniline
Concen: 4.933 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

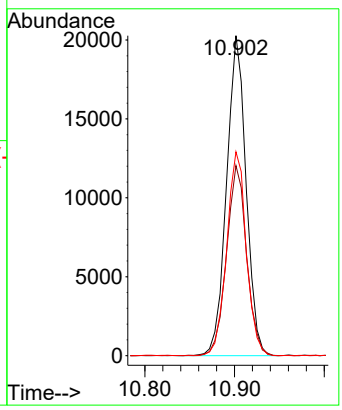




#34
Hexachlorobutadiene
Concen: 5.241 ng
RT: 10.902 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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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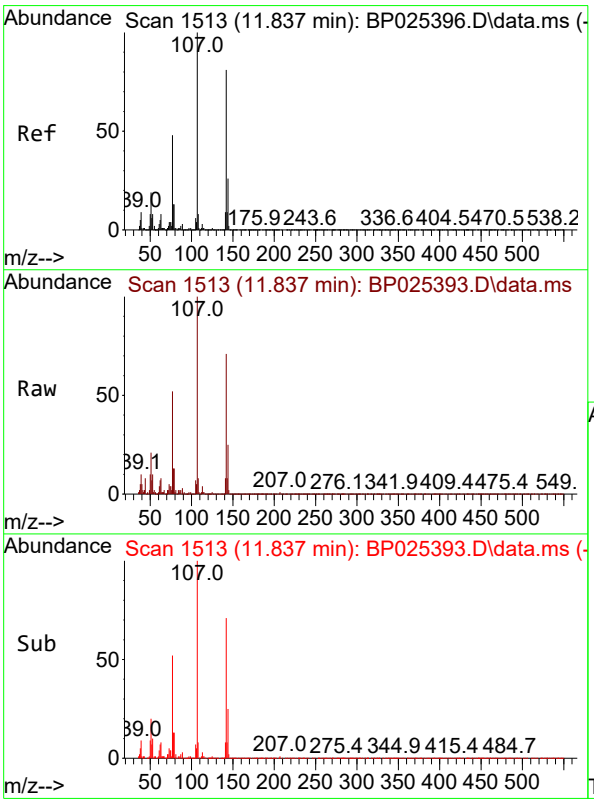
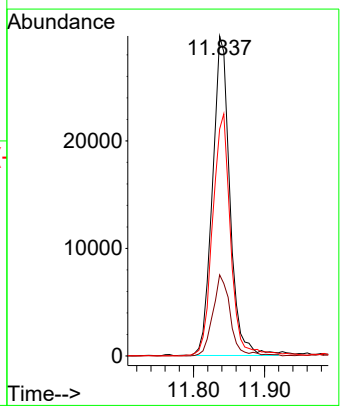
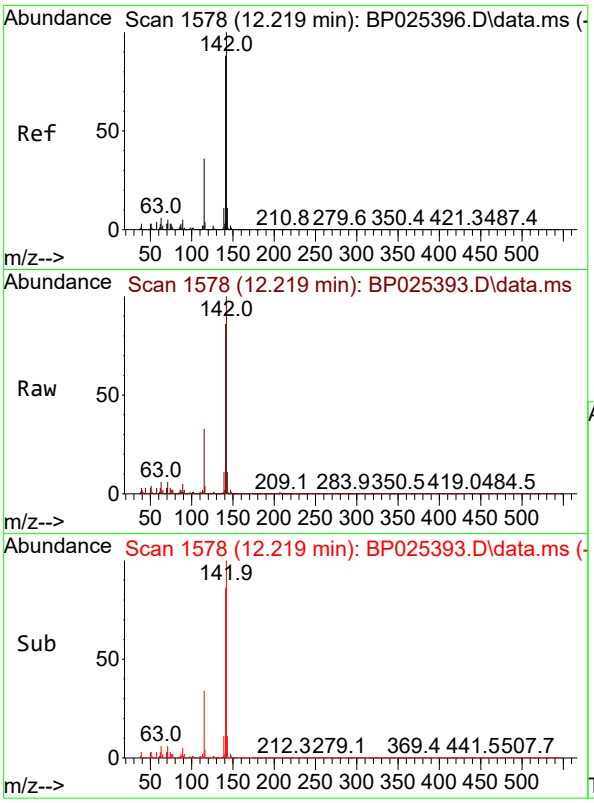


#36
4-Chloro-3-methylphenol
Concen: 5.154 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

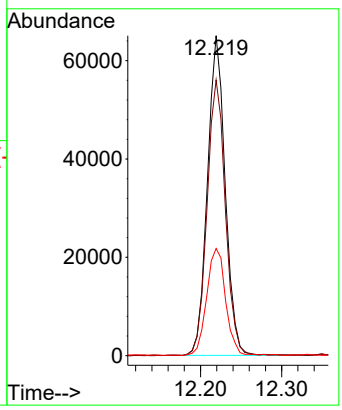




#37
2-Methylnaphthalene
Concen: 5.289 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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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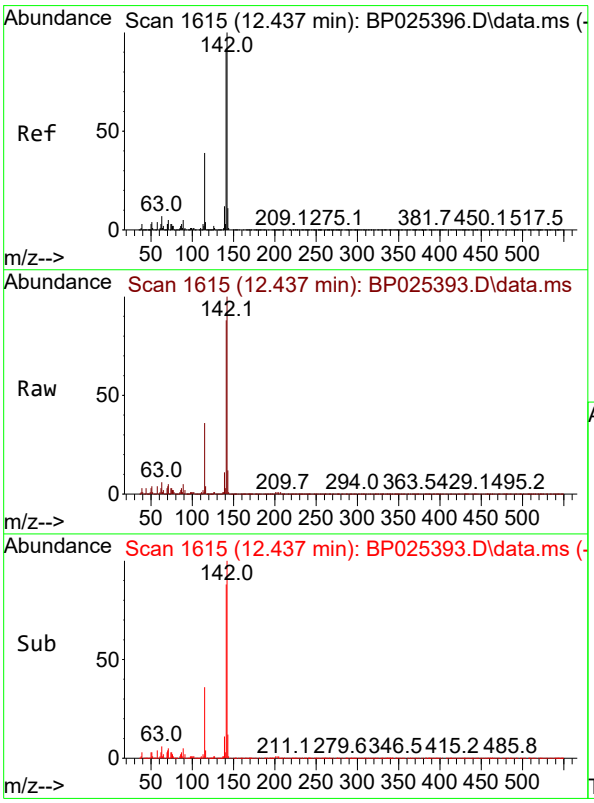
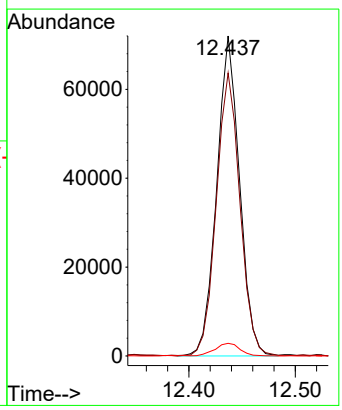
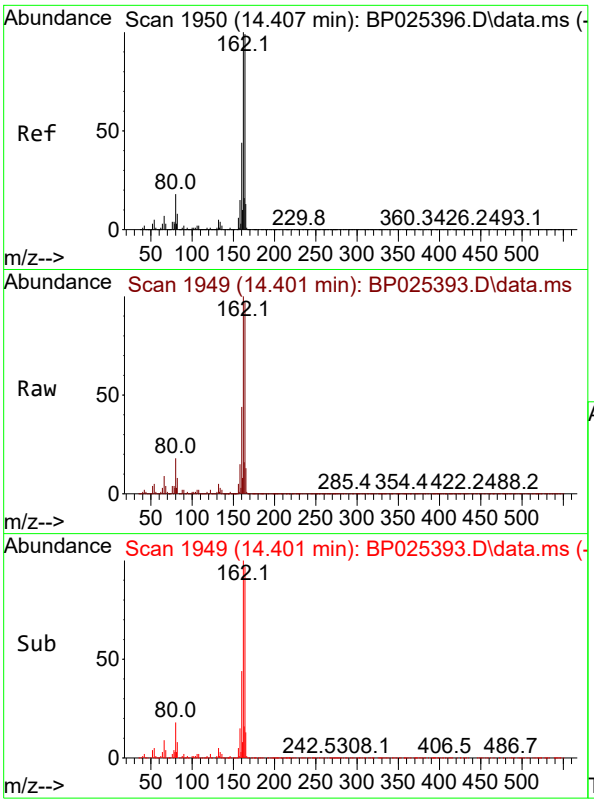


#38
1-Methylnaphthalene
Concen: 5.397 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

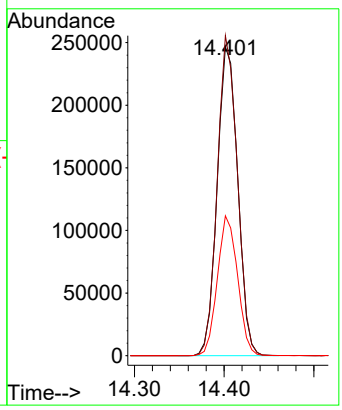




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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 :
BNA_P
ClientSampleId :
SSTDICC005

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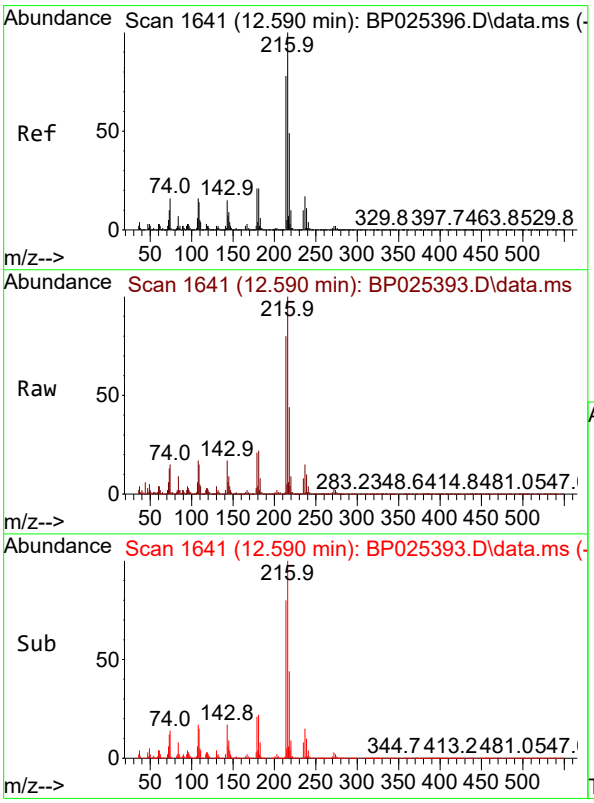
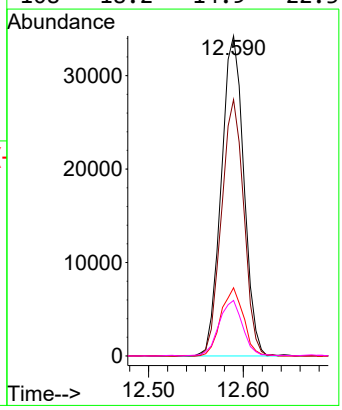
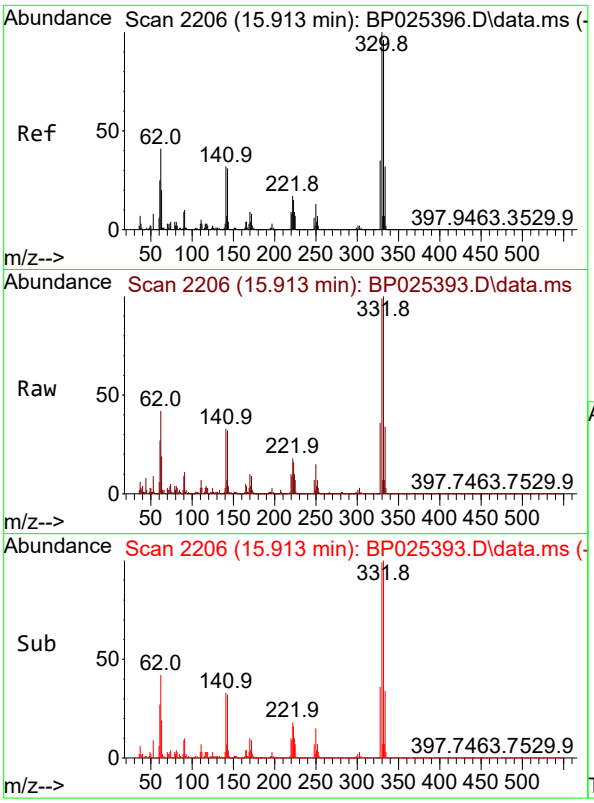


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.001 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

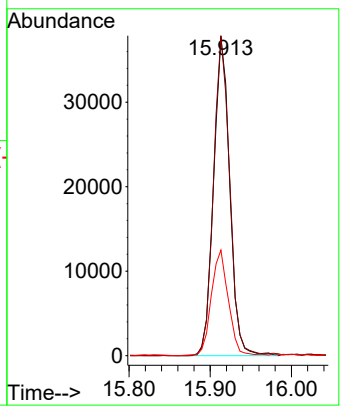




#42
2,4,6-Tribromophenol
Concen: 9.881 ng
RT: 15.913 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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



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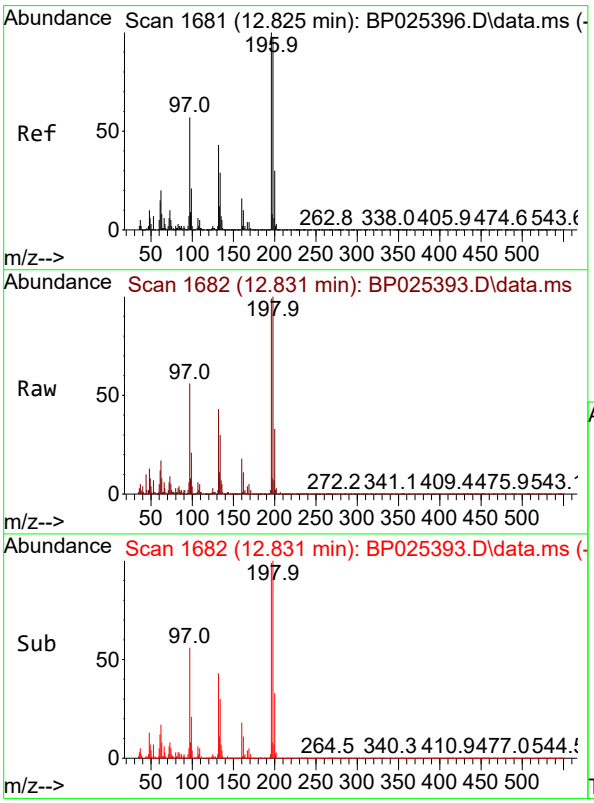
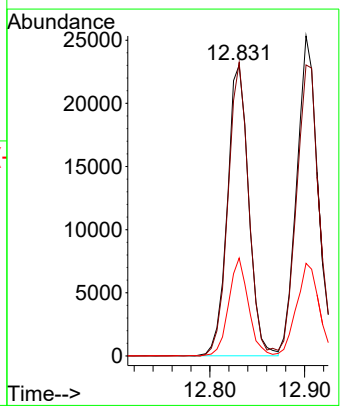
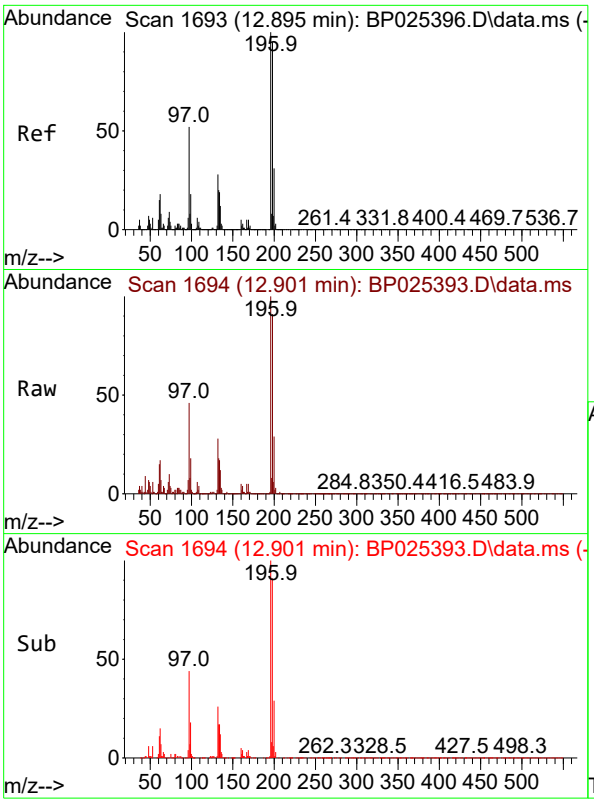


#43
2,4,6-Trichlorophenol
Concen: 4.718 ng
RT: 12.831 min Scan# 1682
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

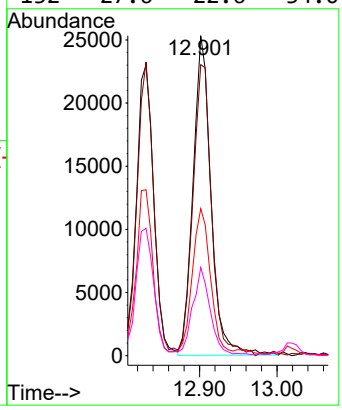




#44
2,4,5-Trichlorophenol
Concen: 4.875 ng
RT: 12.901 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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



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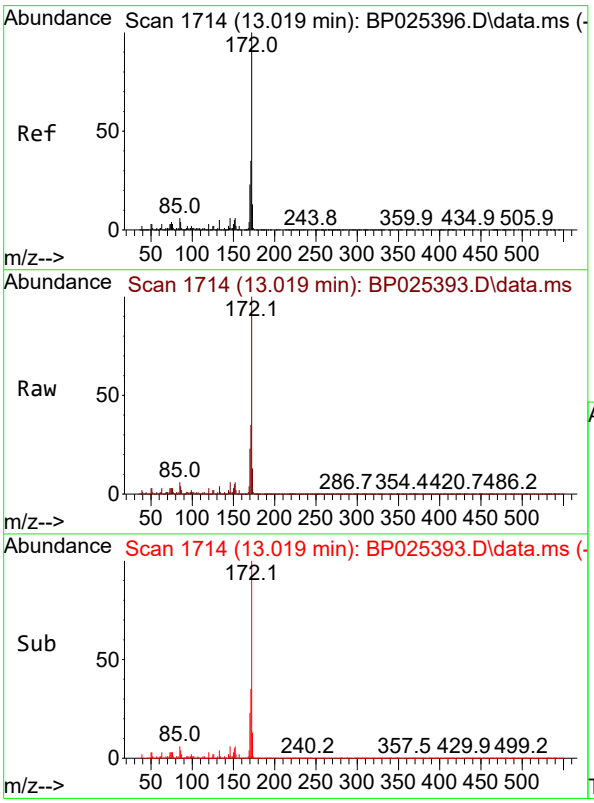
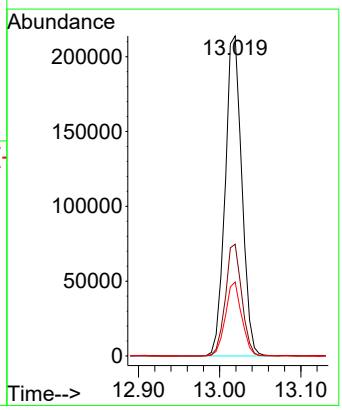
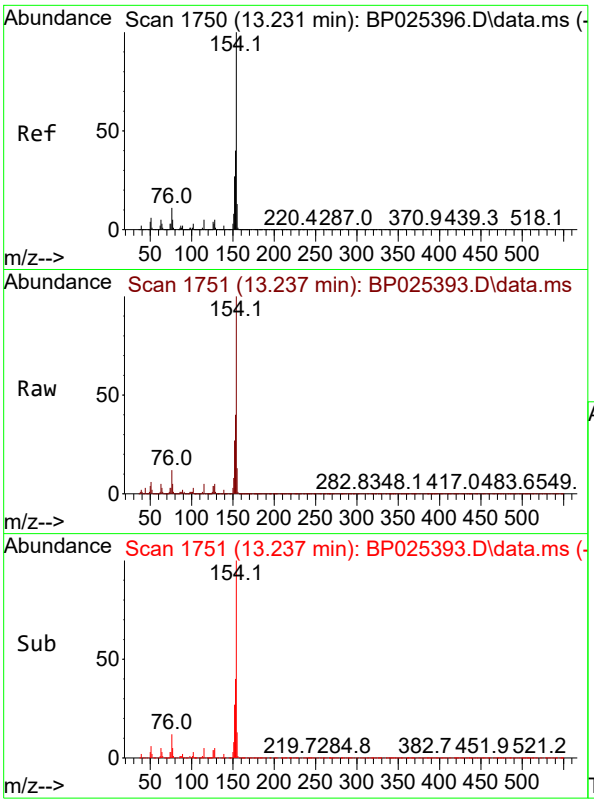


#45
2-Fluorobiphenyl
Concen: 10.649 ng
RT: 13.019 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

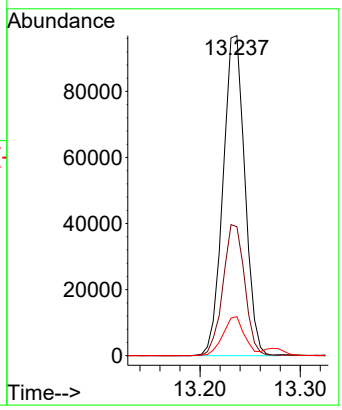




#46
1,1'-Biphenyl
Concen: 5.146 ng
RT: 13.237 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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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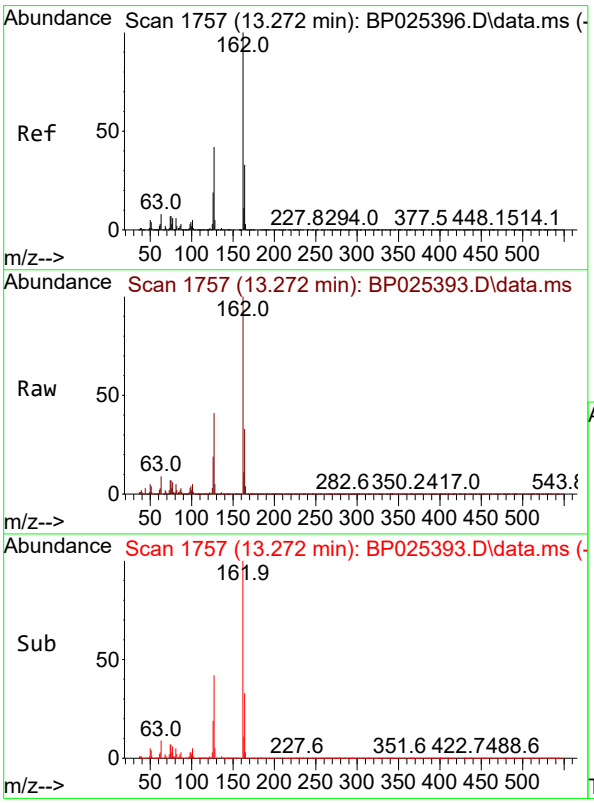
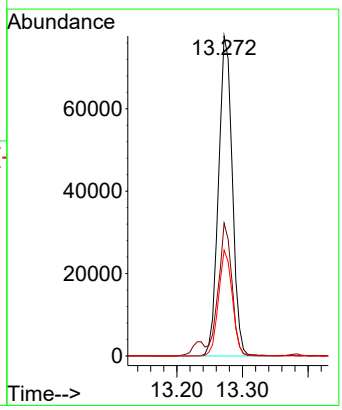
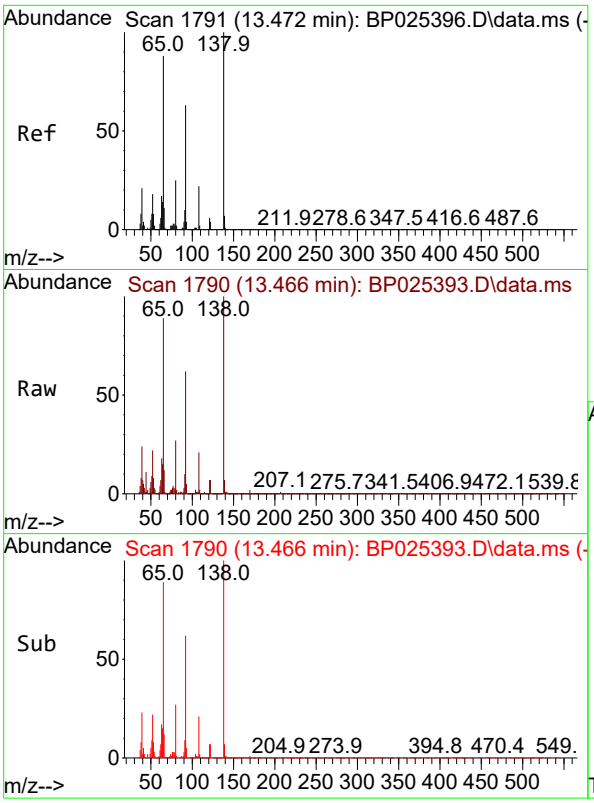


#47
2-Chloronaphthalene
Concen: 5.094 ng
RT: 13.272 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

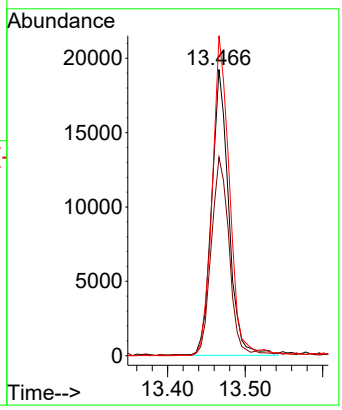




#48
2-Nitroaniline
Concen: 4.568 ng
RT: 13.466 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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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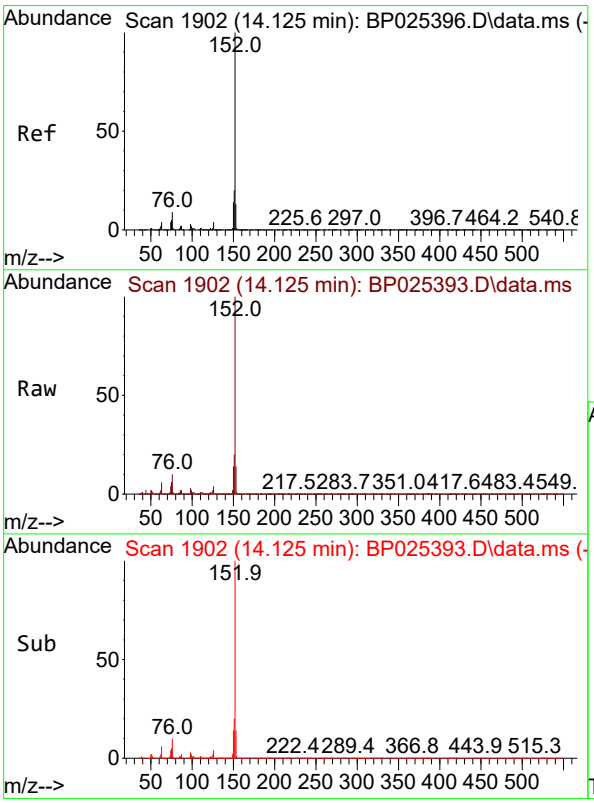
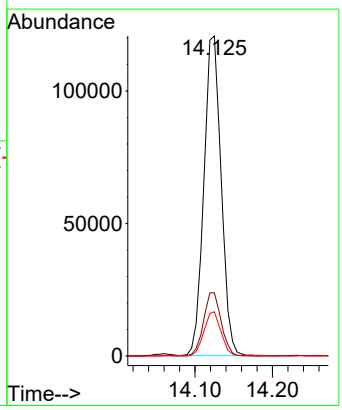
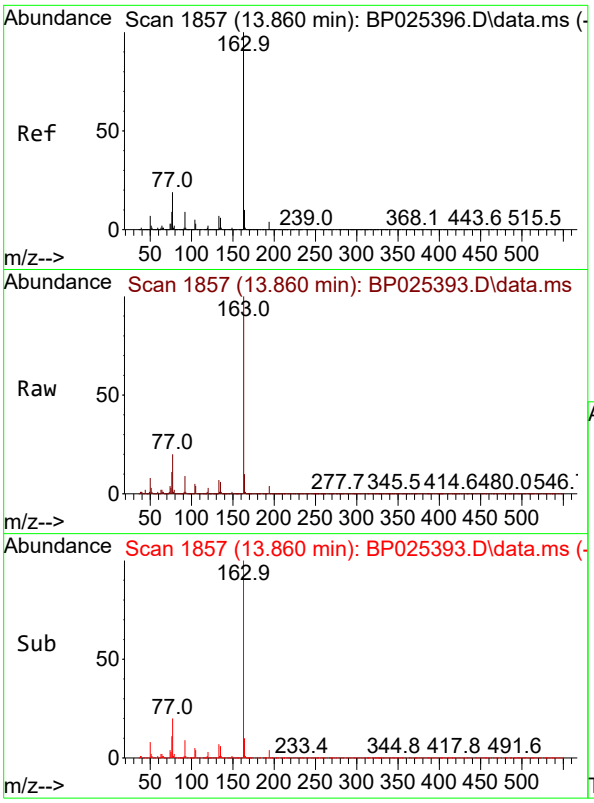


#49
Acenaphthylene
Concen: 5.095 ng
RT: 14.125 min Scan# 1902
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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

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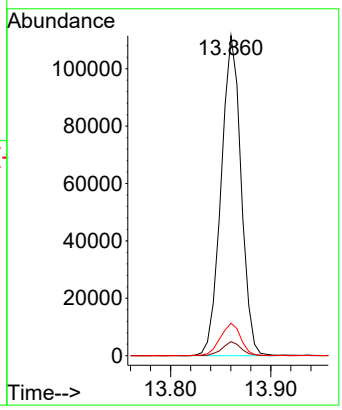
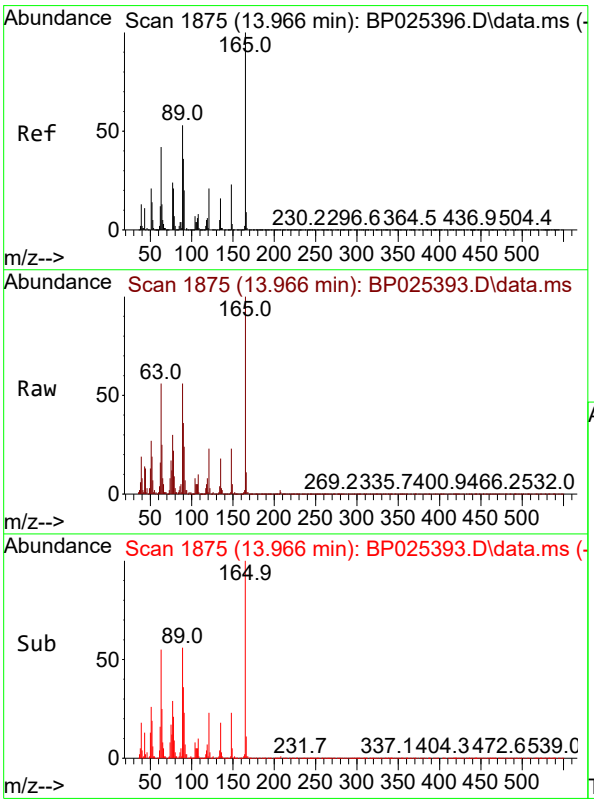
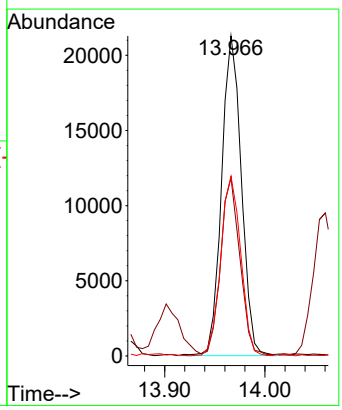


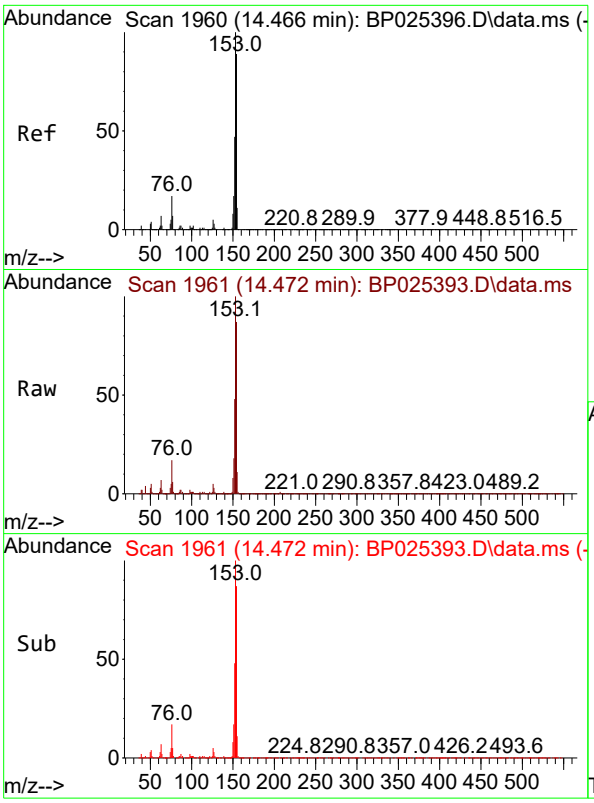


#51
2,6-Dinitrotoluene
Concen: 4.803 ng
RT: 13.966 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:165 Resp: 29088

Ion	Ratio	Lower	Upper
165	100		
63	55.7	40.9	61.3
89	56.2	42.1	63.1

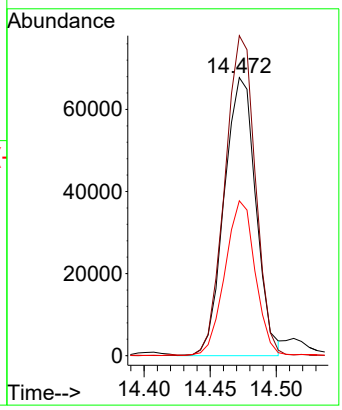




#52
Acenaphthene
Concen: 5.232 ng m
RT: 14.472 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:154 Resp: 11273

Ion	Ratio	Lower	Upper
154	100		
153	115.1	90.2	135.2
152	55.7	42.1	63.1



Instrument :
BNA_P
ClientSampleId :
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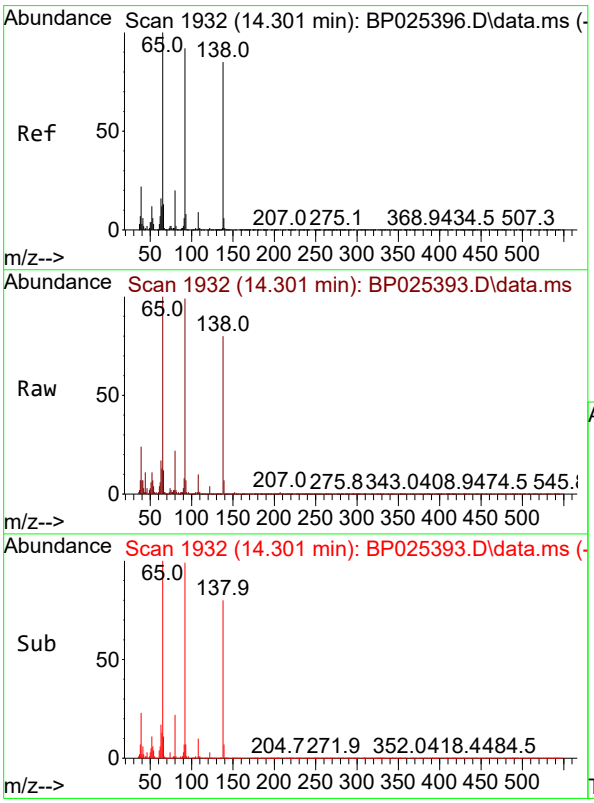
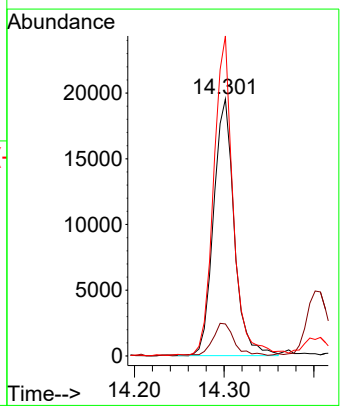
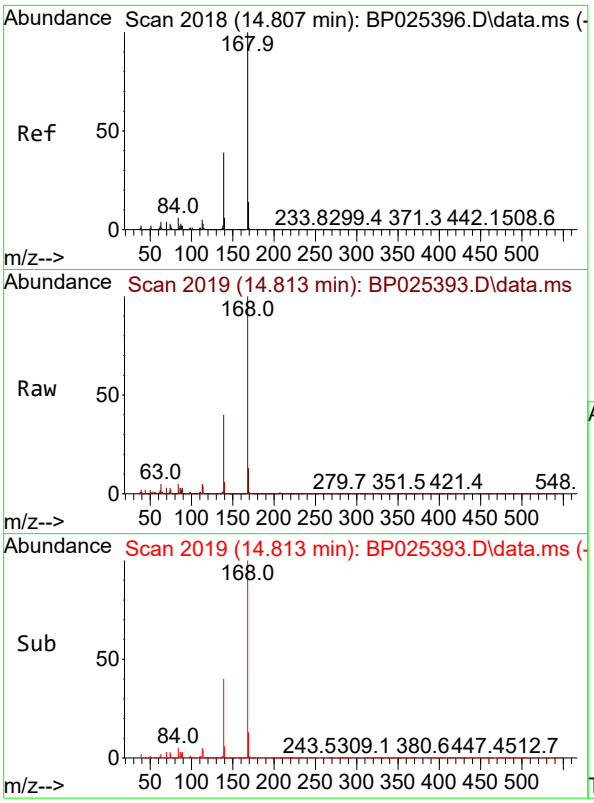


#53
3-Nitroaniline
Concen: 4.583 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:138 Resp: 31224

Ion	Ratio	Lower	Upper
138	100		
108	12.5	8.3	12.5
92	124.5	86.2	129.2

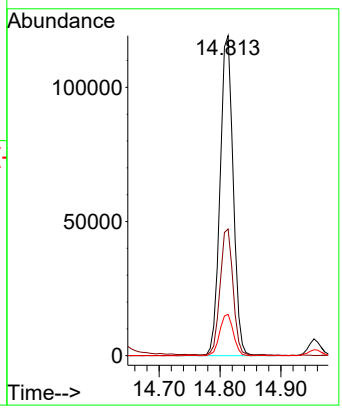




#55
Dibenzofuran
Concen: 5.240 ng
RT: 14.813 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:168 Resp: 17849

Ion	Ratio	Lower	Upper
168	100		
139	39.6	31.5	47.3
169	12.9	10.9	16.3



Instrument :
BNA_P
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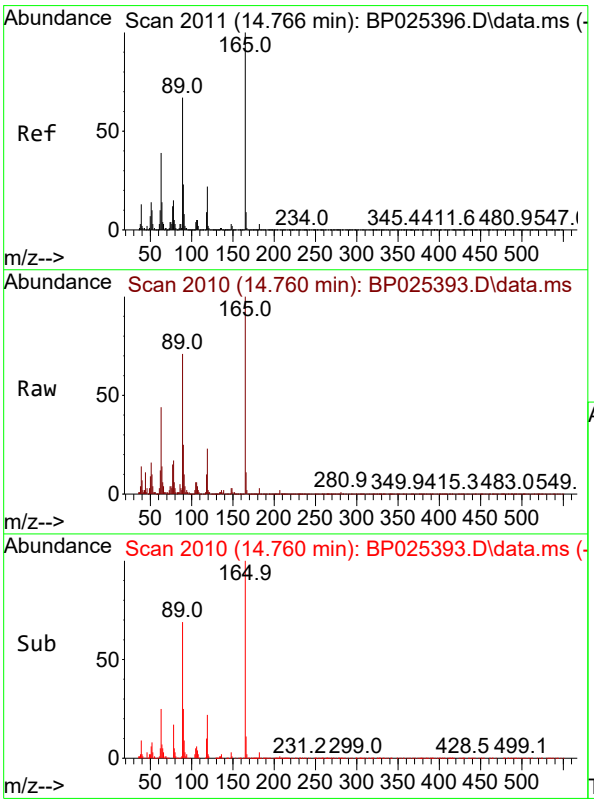
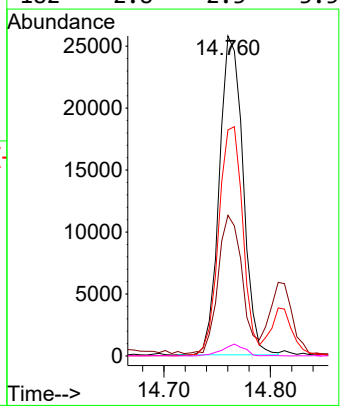
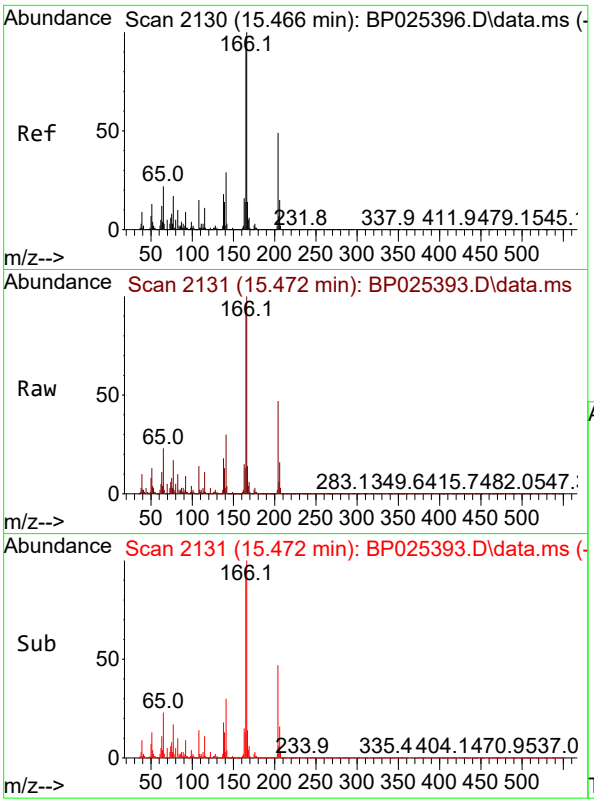


#57
2,4-Dinitrotoluene
Concen: 4.590 ng
RT: 14.760 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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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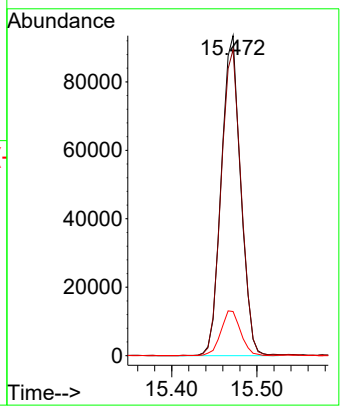
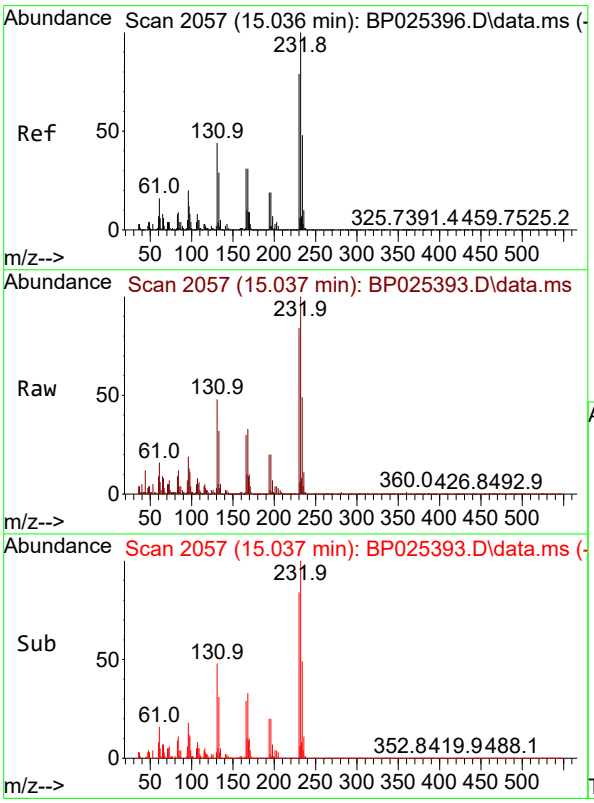
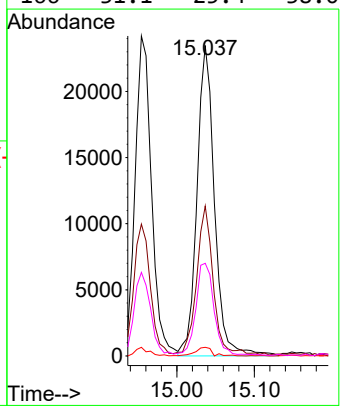


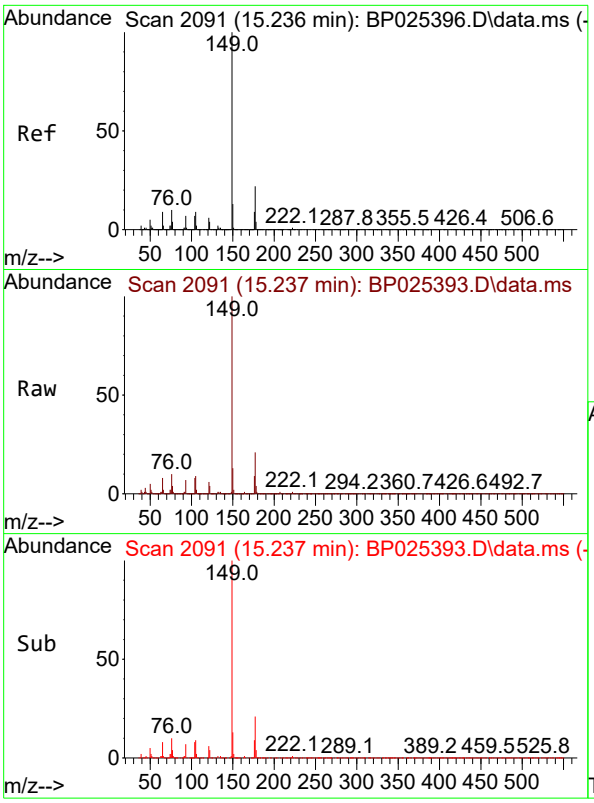


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.968 ng
RT: 15.037 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

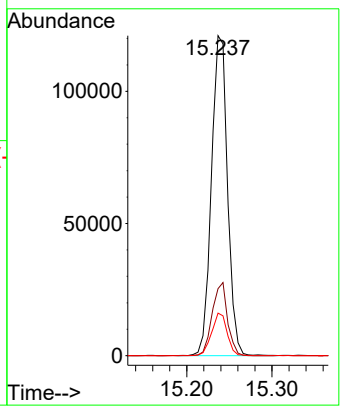




#60
Diethylphthalate
Concen: 5.426 ng
RT: 15.237 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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 :
SSTDICC005

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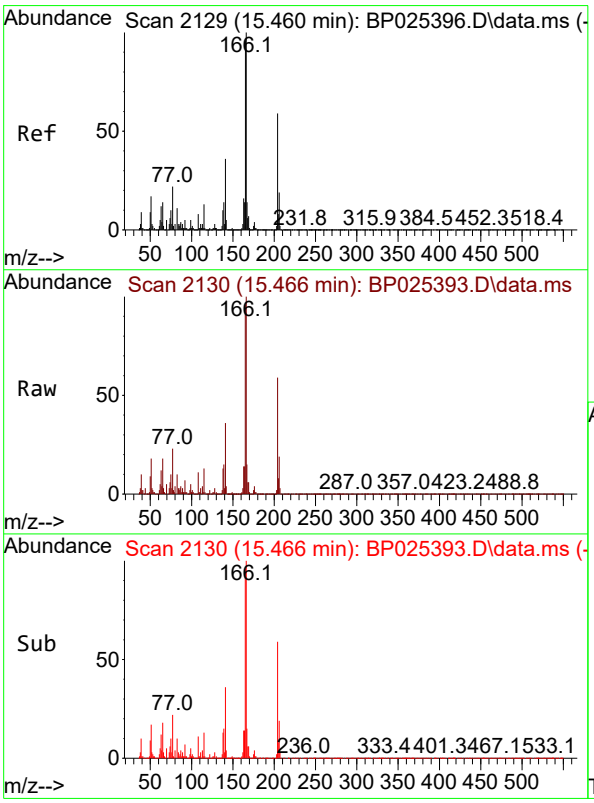
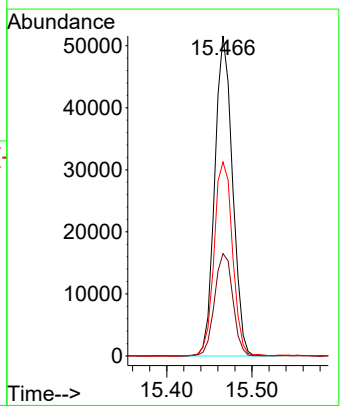
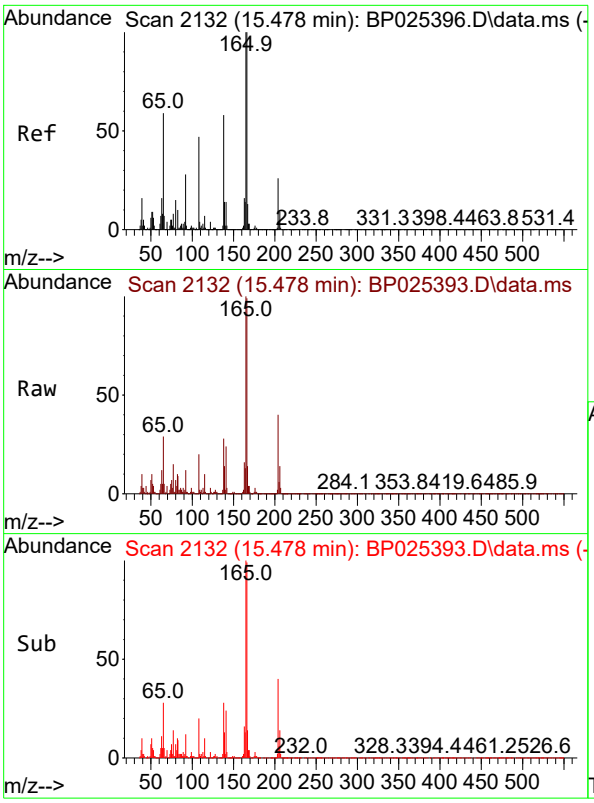


#61
4-Chlorophenyl-phenylether
Concen: 5.583 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:204 Resp: 74636

Ion	Ratio	Lower	Upper
204	100		
206	32.0	25.8	38.8
141	60.6	49.4	74.2

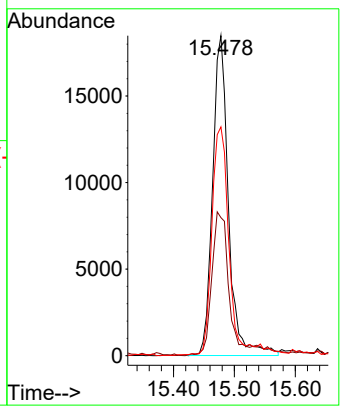




#62
4-Nitroaniline
Concen: 4.791 ng
RT: 15.478 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:138 Resp: 3346

Ion	Ratio	Lower	Upper
138	100		
92	43.2	29.1	69.1
108	71.5	61.5	101.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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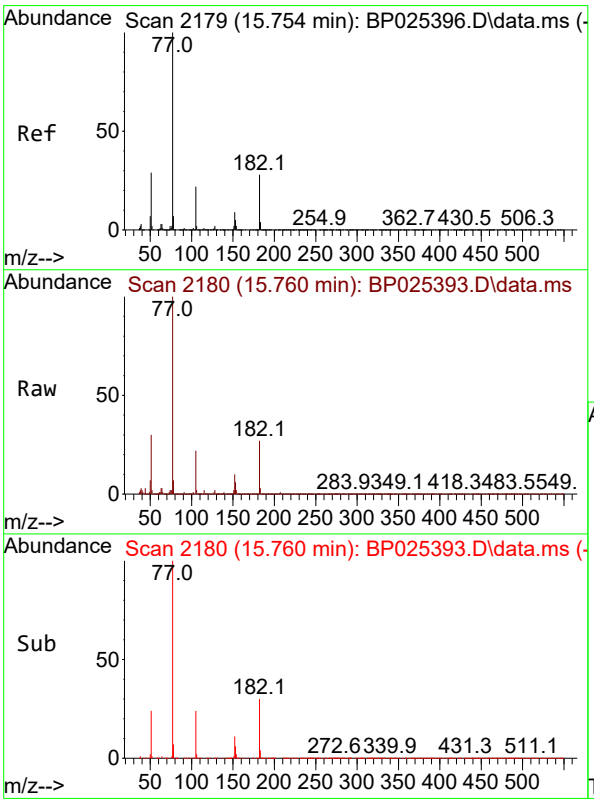
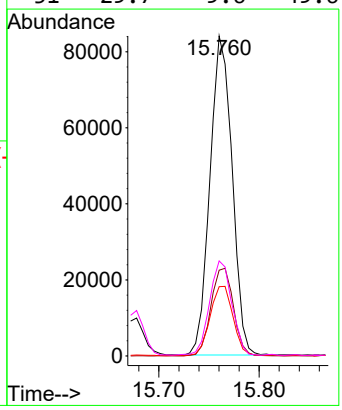
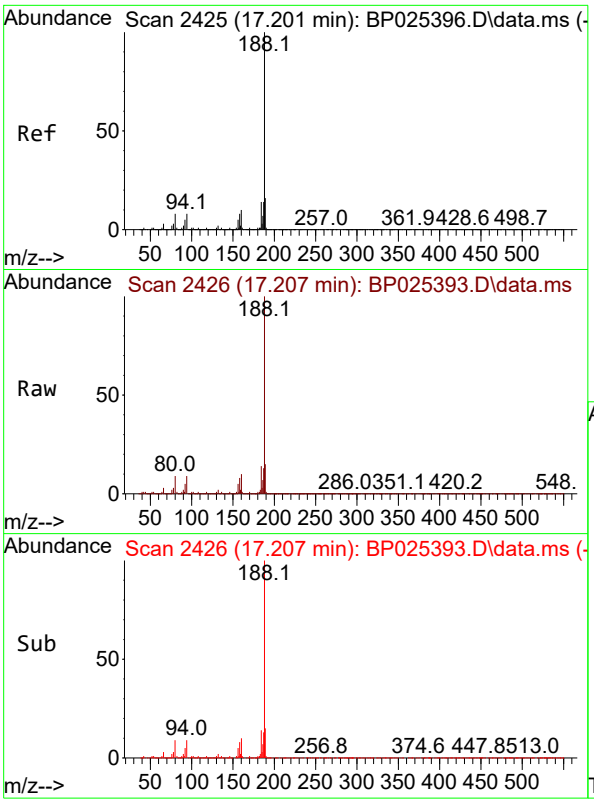


#63
Azobenzene
Concen: 5.159 ng
RT: 15.760 min Scan# 2180
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 77 Resp: 128978

Ion	Ratio	Lower	Upper
77	100		
182	26.8	7.5	47.5
105	21.6	2.1	42.1
51	29.7	9.6	49.6





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

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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

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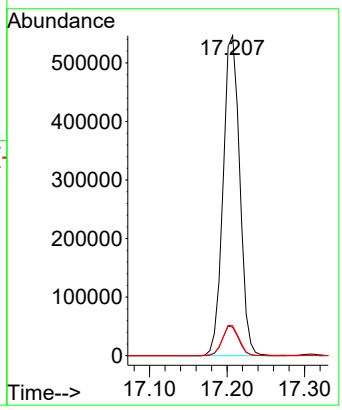
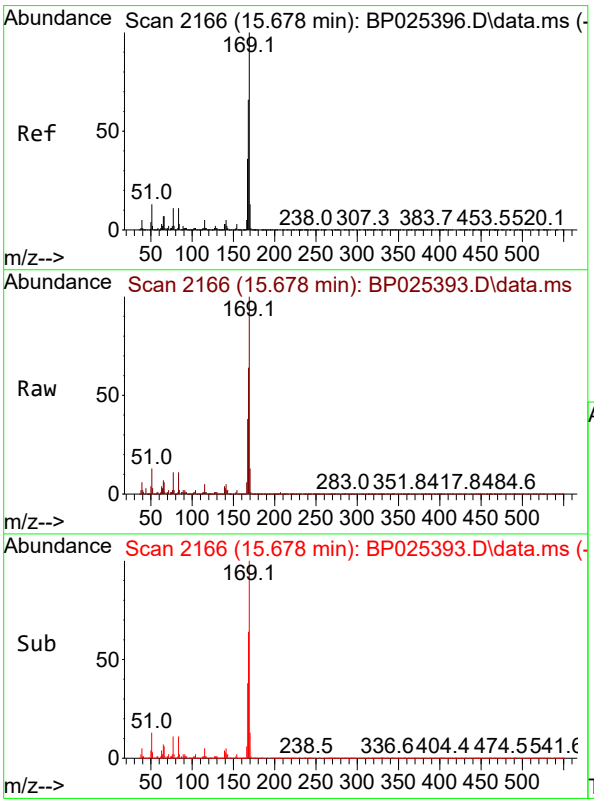
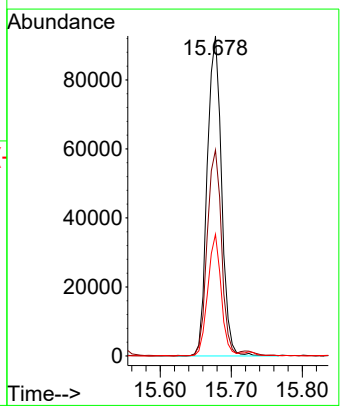


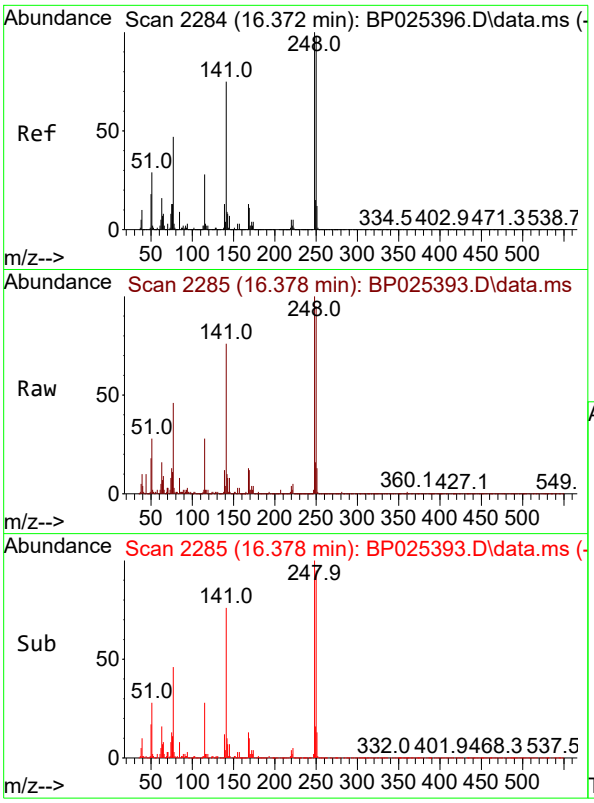


#66
n-Nitrosodiphenylamine
Concen: 5.214 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:169 Resp: 129805

Ion	Ratio	Lower	Upper
169	100		
168	64.3	53.2	79.8
167	38.0	28.7	43.1

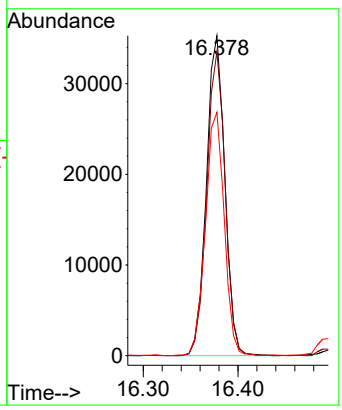




#67
4-Bromophenyl-phenylether
Concen: 5.299 ng
RT: 16.378 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:248 Resp: 4757

Ion	Ratio	Lower	Upper
248	100		
250	95.1	78.2	117.2
141	76.0	59.6	89.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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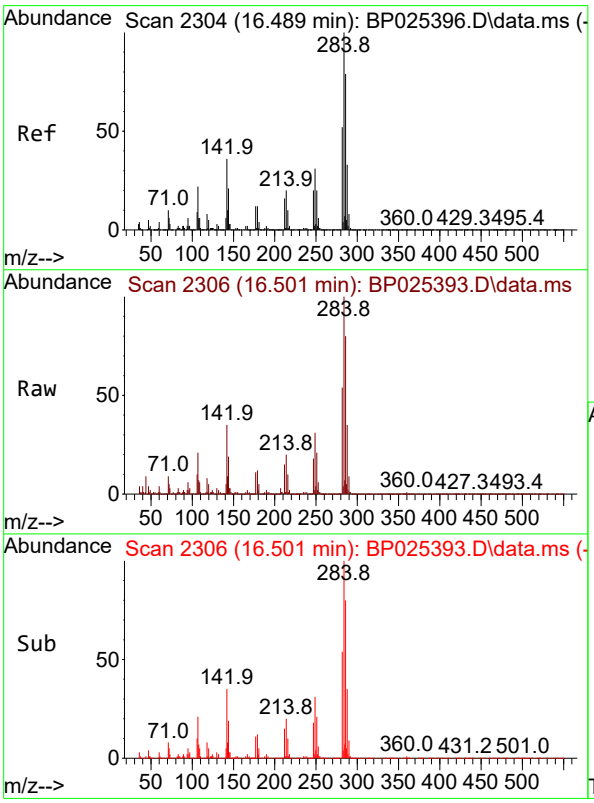
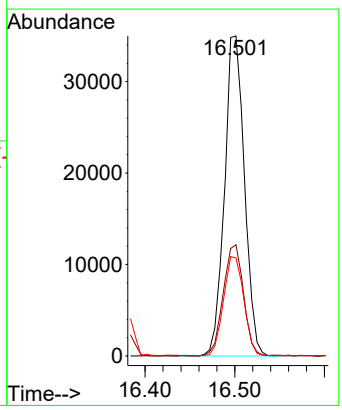
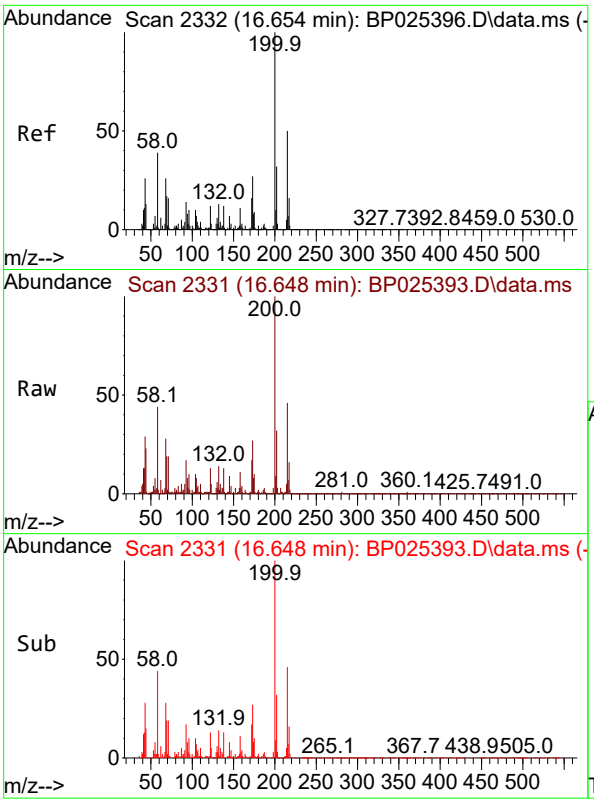


#68
Hexachlorobenzene
Concen: 5.183 ng
RT: 16.501 min Scan# 2306
Delta R.T. 0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:284 Resp: 53940

Ion	Ratio	Lower	Upper
284	100		
142	34.7	29.1	43.7
249	30.6	25.0	37.4

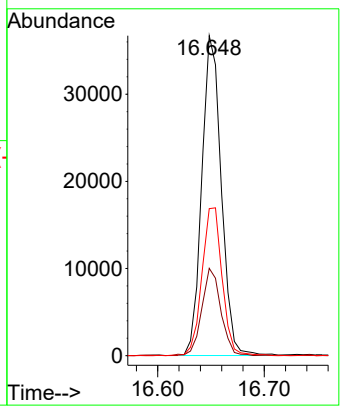




#69
Atrazine
Concen: 5.015 ng
RT: 16.648 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:200 Resp: 4675

Ion	Ratio	Lower	Upper
200	100		
173	27.3	6.7	46.7
215	45.9	29.7	69.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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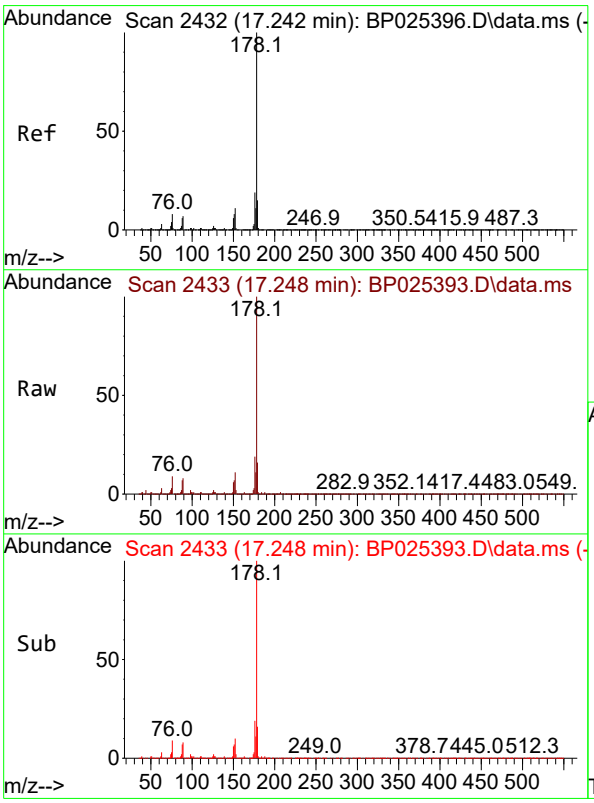
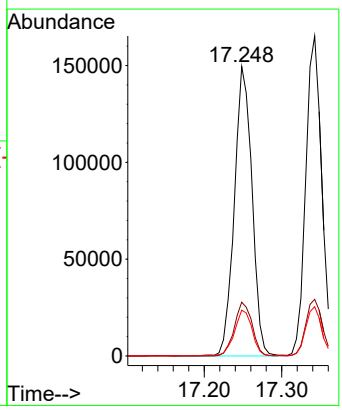
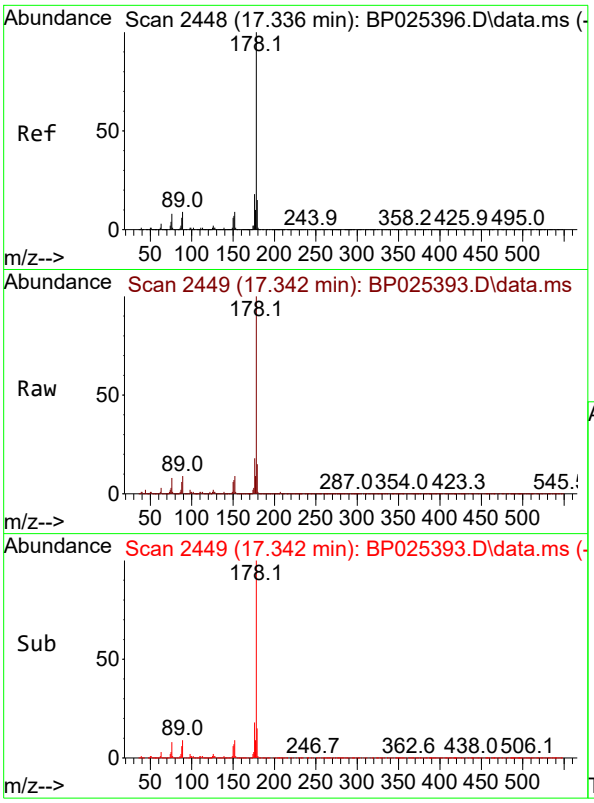


#71
Phenanthrene
Concen: 5.287 ng
RT: 17.248 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

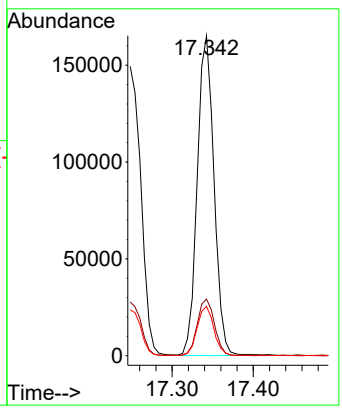




#72
Anthracene
Concen: 5.174 ng
RT: 17.342 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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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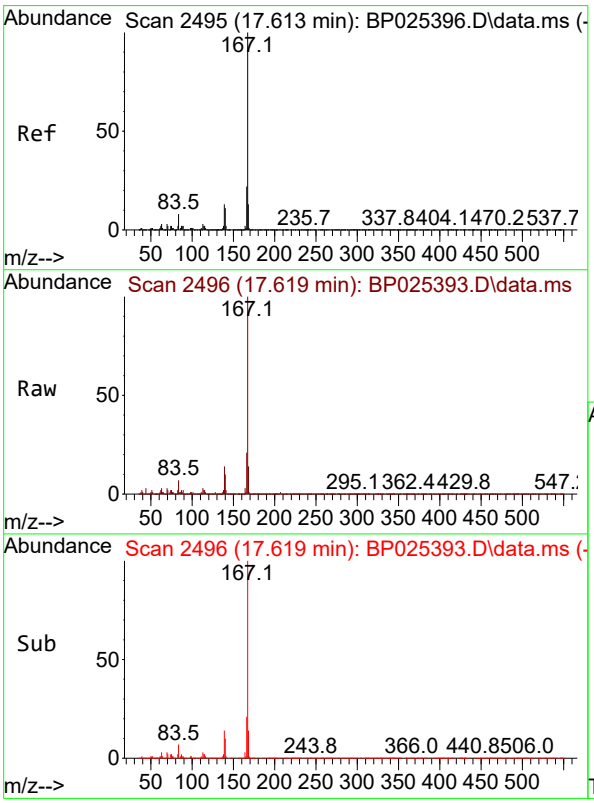
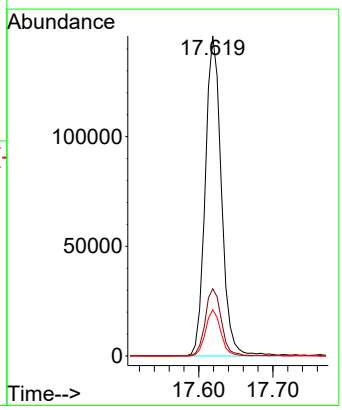
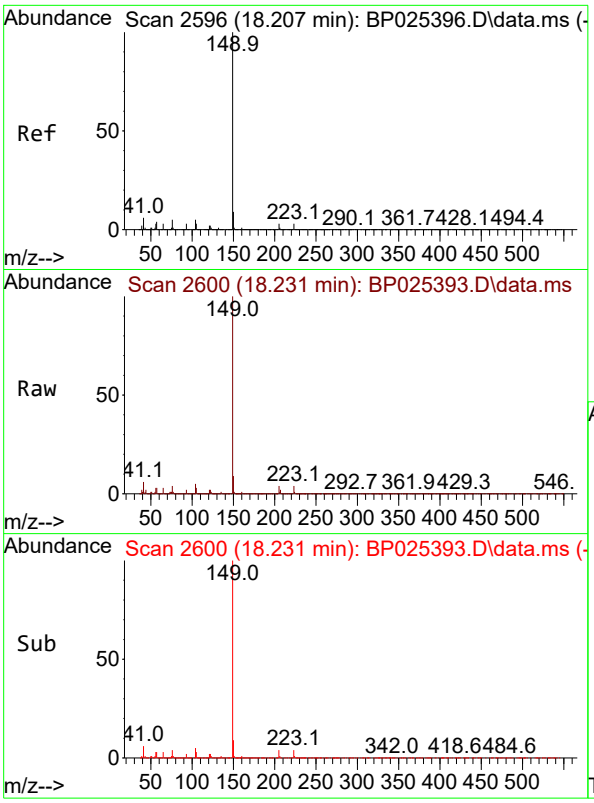


#73
Carbazole
Concen: 5.103 ng
RT: 17.619 min Scan# 2496
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

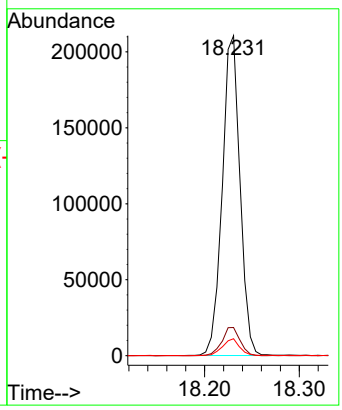




#74
Di-n-butylphthalate
Concen: 5.172 ng
RT: 18.231 min Scan# 2
Delta R.T. 0.024 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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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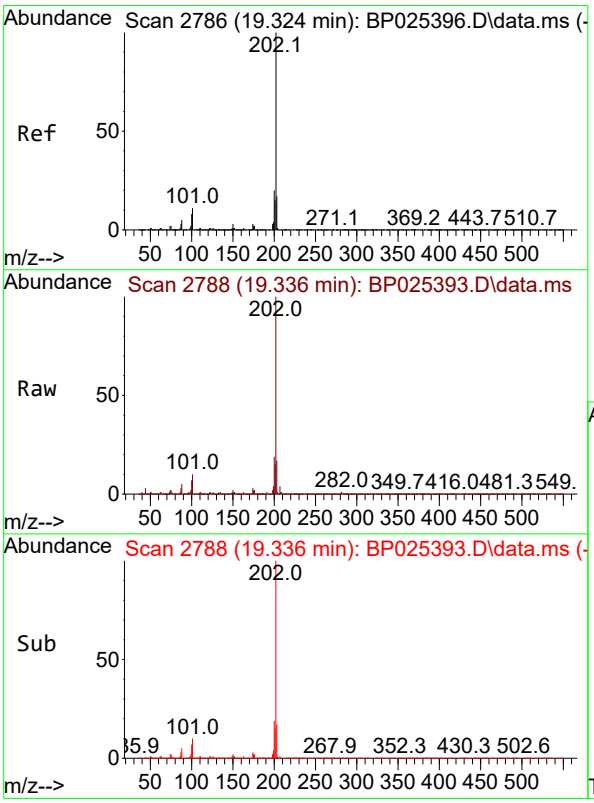
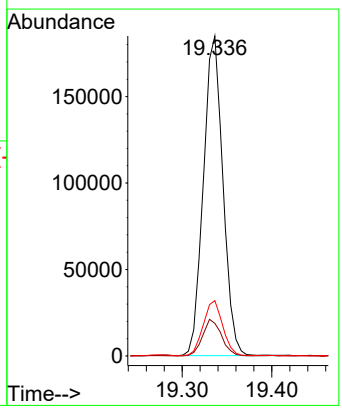
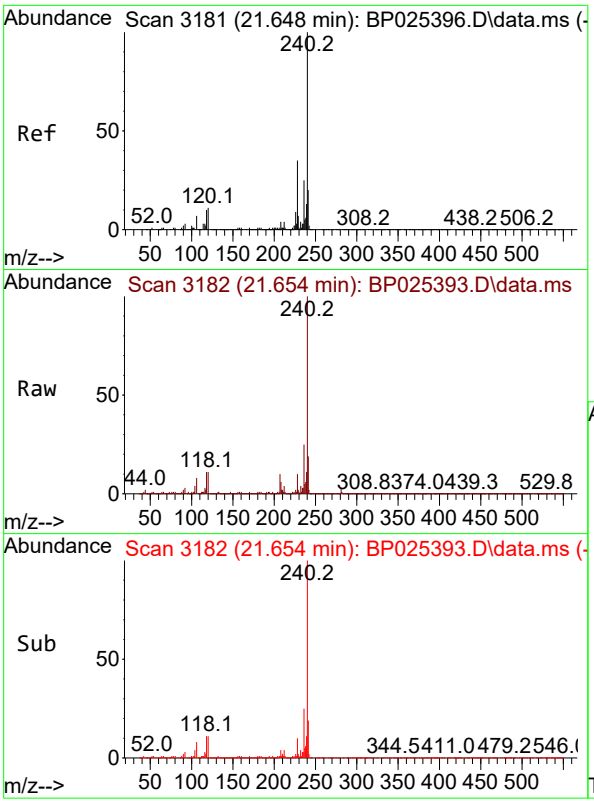


#75
Fluoranthene
Concen: 5.225 ng
RT: 19.336 min Scan# 2788
Delta R.T. 0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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

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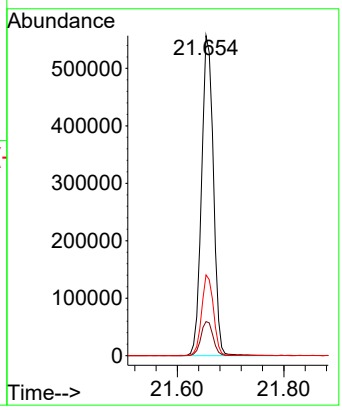
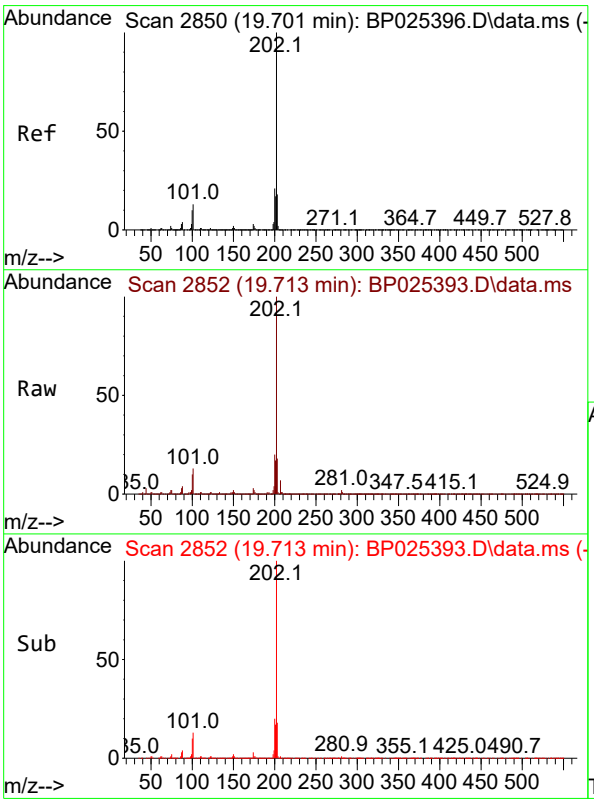
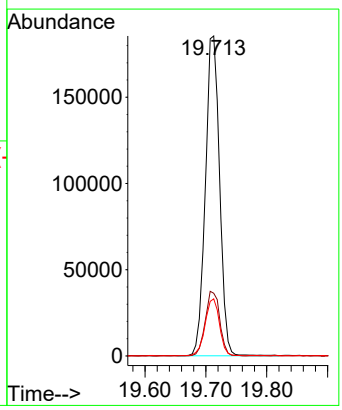


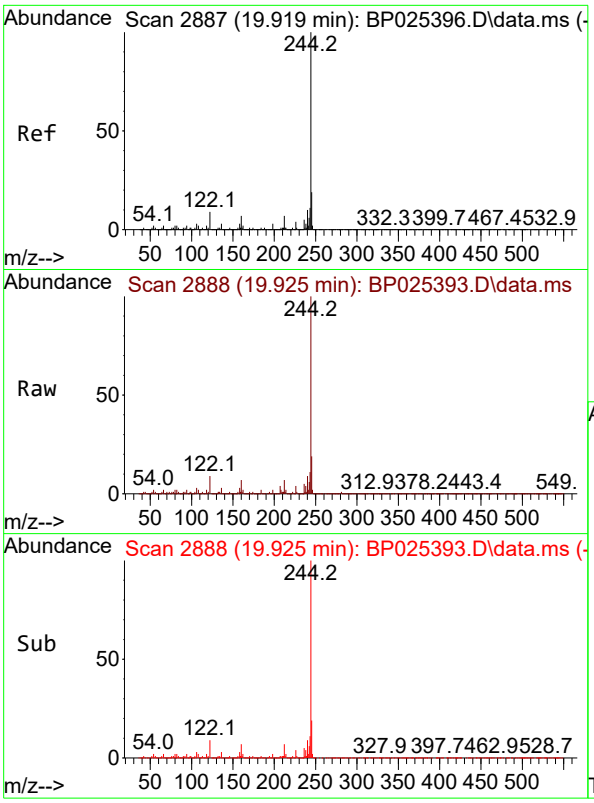


#78
Pyrene
Concen: 5.377 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

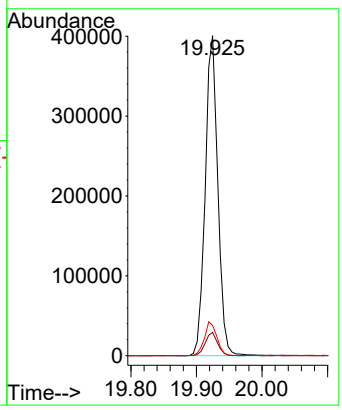




#79
Terphenyl-d14
Concen: 11.428 ng
RT: 19.925 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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 :
SSTDICC005

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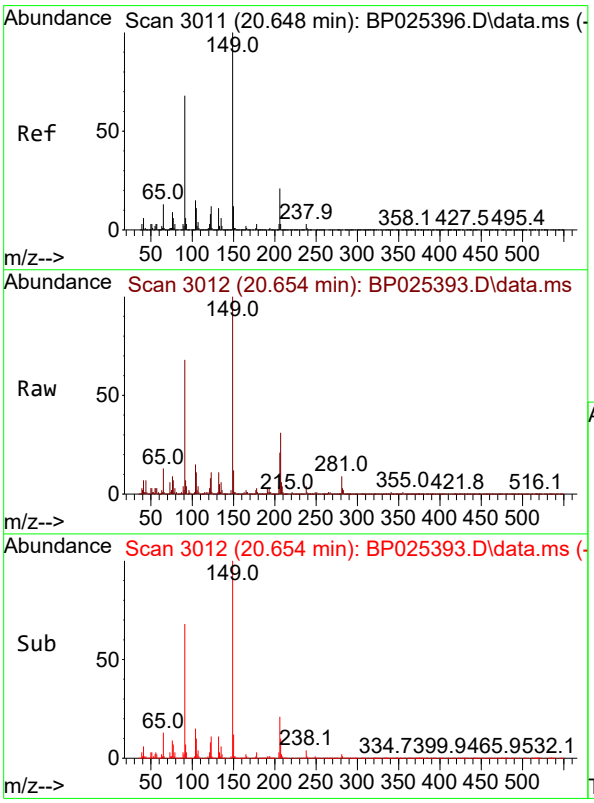
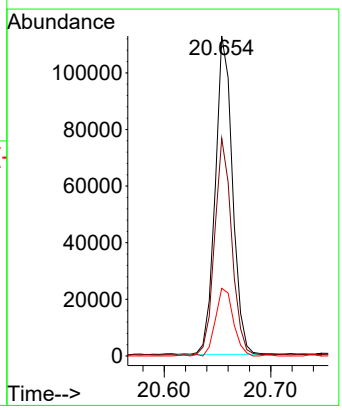
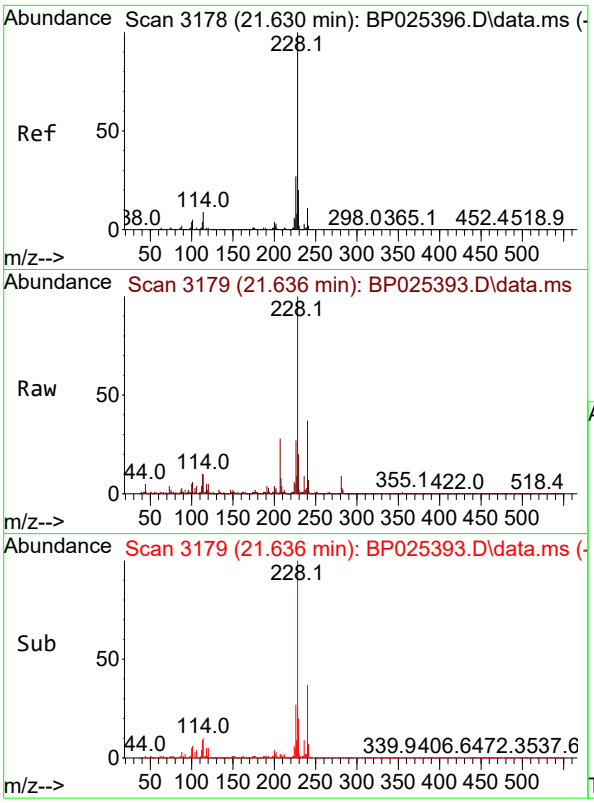


#80
Butylbenzylphthalate
Concen: 4.997 ng
RT: 20.654 min Scan# 3012
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:149 Resp: 126321

Ion	Ratio	Lower	Upper
149	100		
91	68.0	54.2	81.2
206	21.1	16.6	24.8

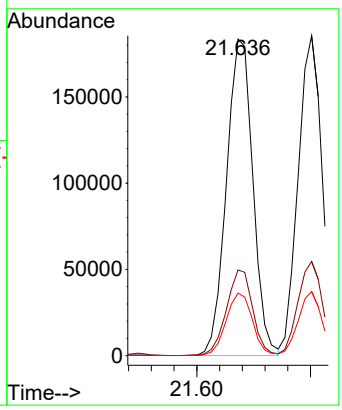




#81
Benzo(a)anthracene
Concen: 5.245 ng
RT: 21.636 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:228 Resp: 29684

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.8	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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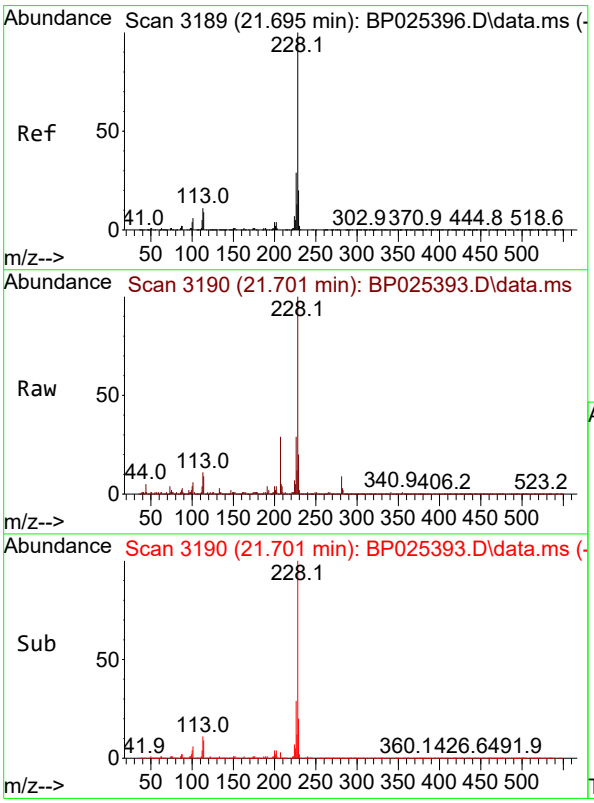
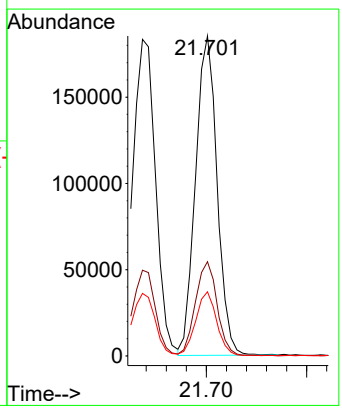
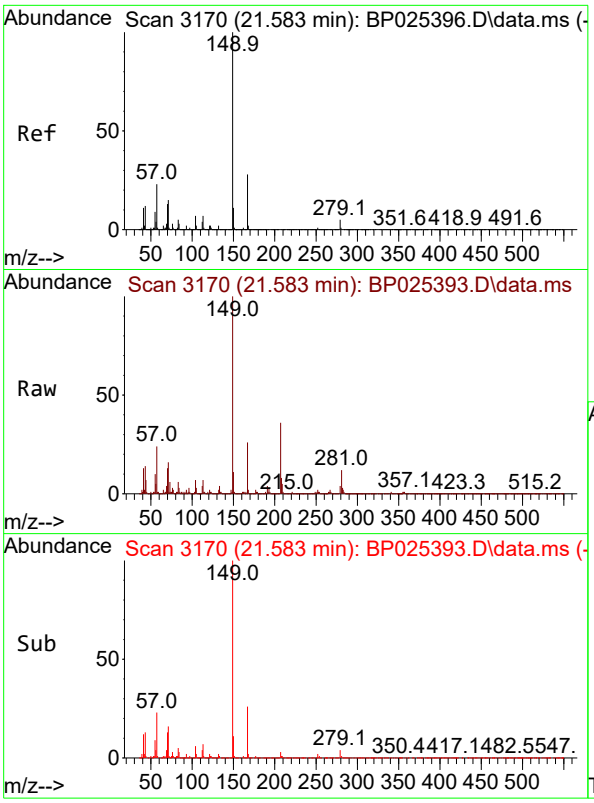


#83
Chrysene
Concen: 5.229 ng
RT: 21.701 min Scan# 3190
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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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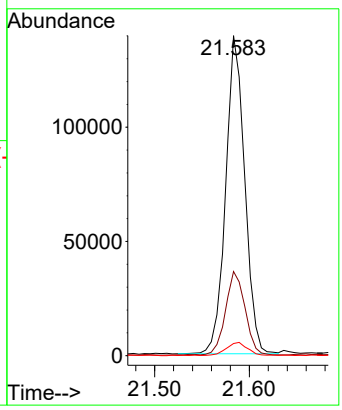
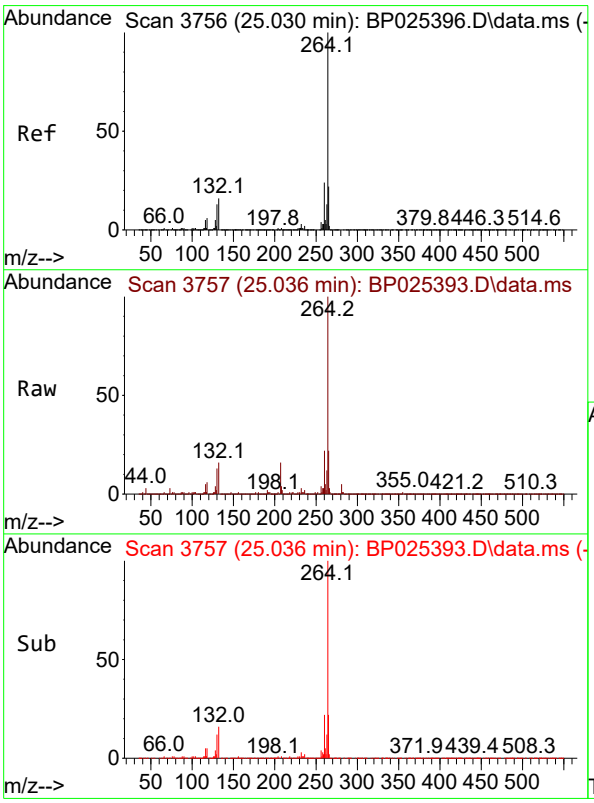
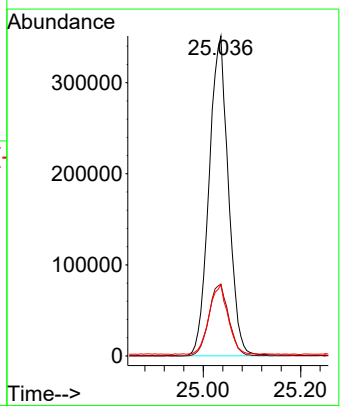


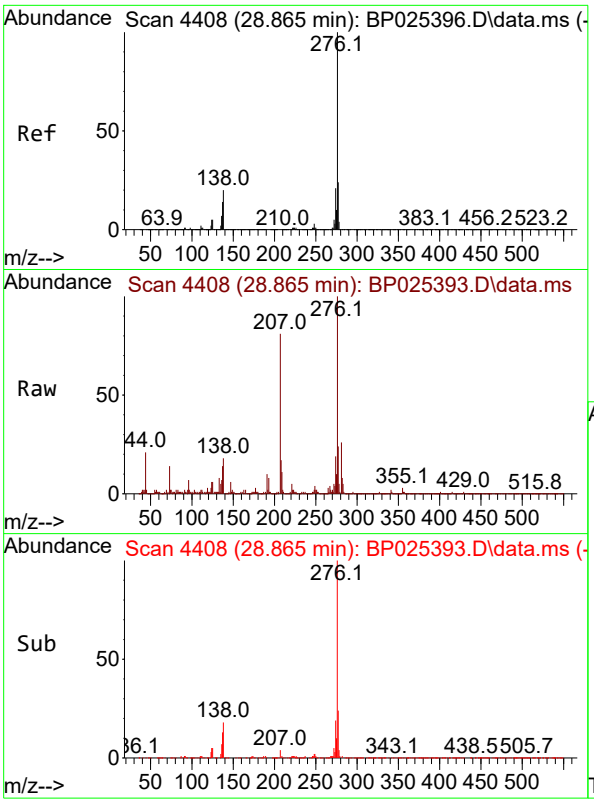


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

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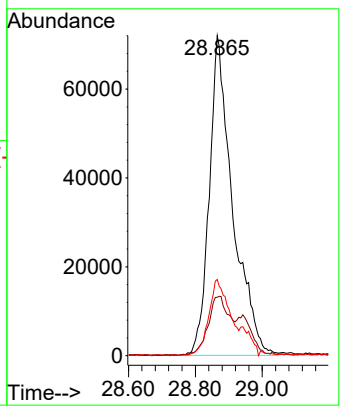
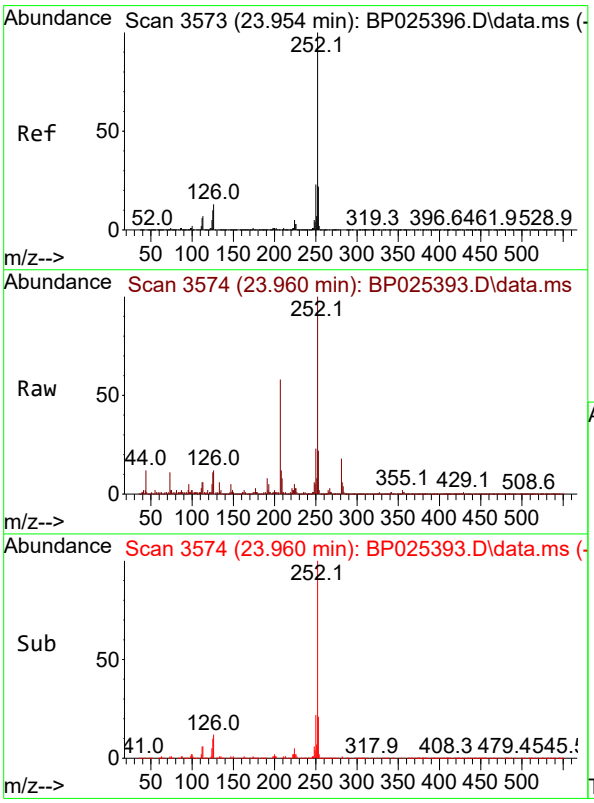
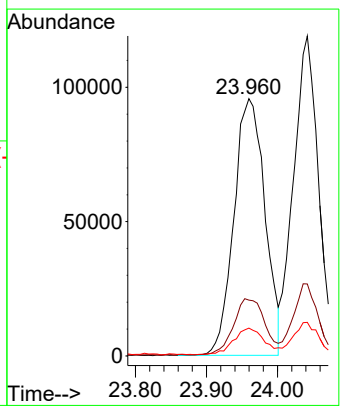


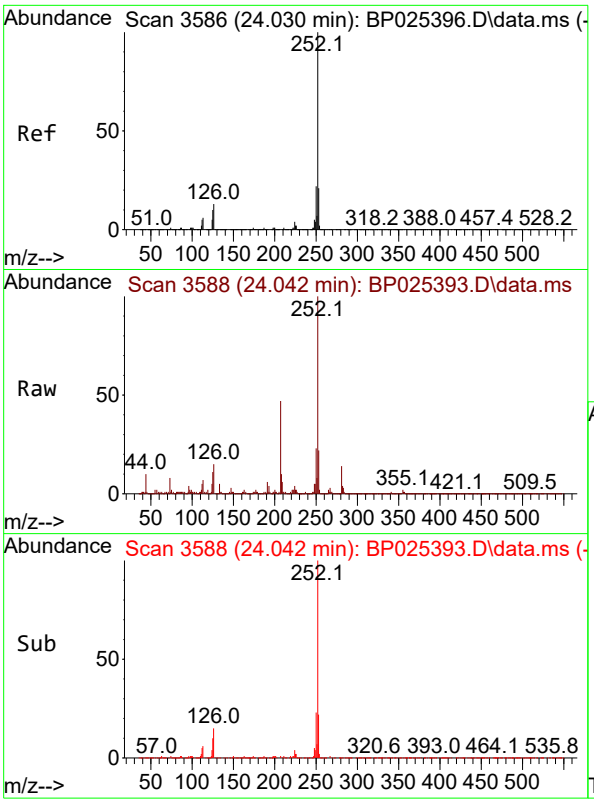


#88
Benzo(b)fluoranthene
Concen: 5.099 ng
RT: 23.960 min Scan# 3574
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:252 Resp: 289797

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	10.8	7.9	11.9

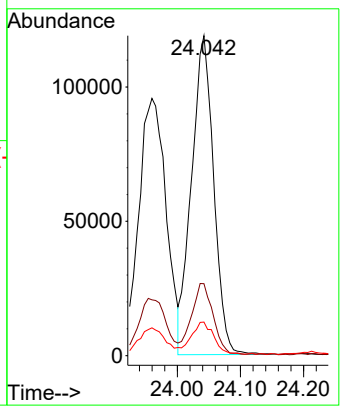




#89
Benzo(k)fluoranthene
Concen: 5.091 ng
RT: 24.042 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:252 Resp: 28955

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



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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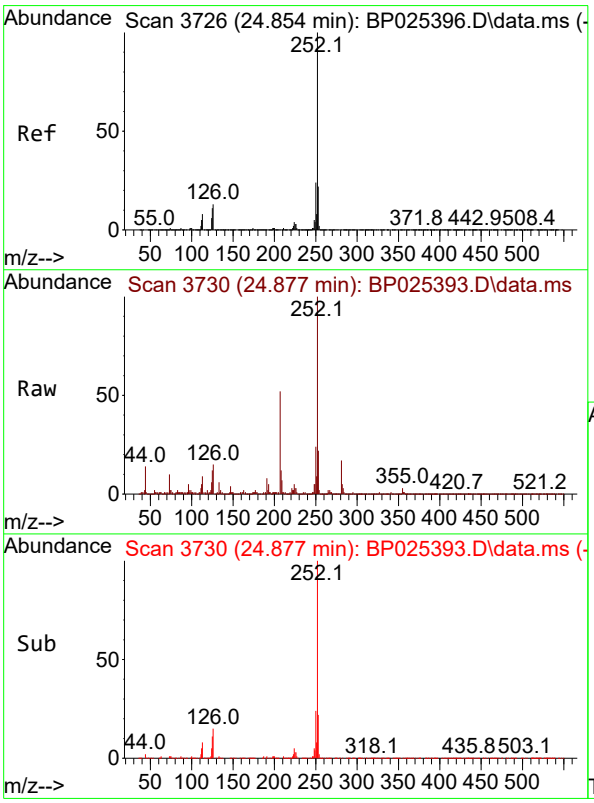
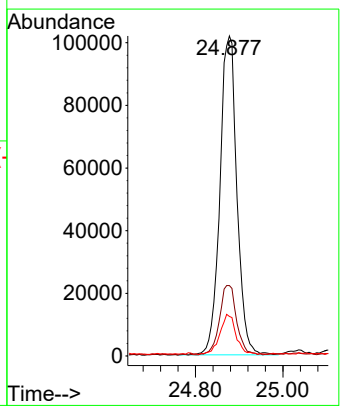
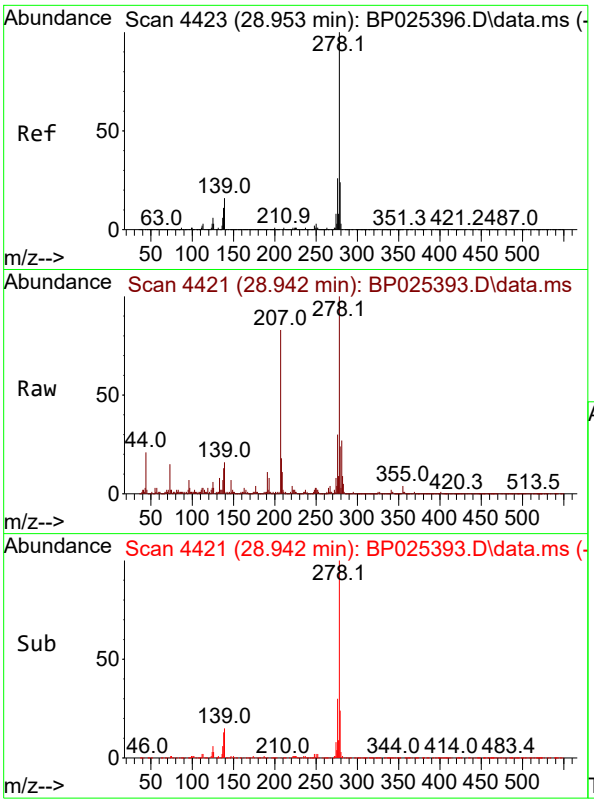


#90
Benzo(a)pyrene
Concen: 4.960 ng
RT: 24.877 min Scan# 3730
Delta R.T. 0.024 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

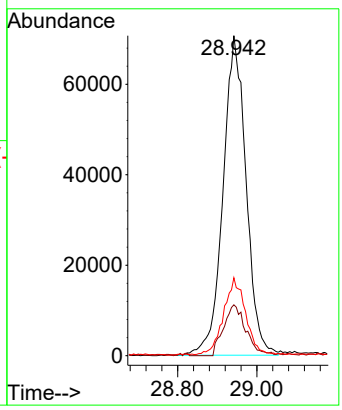




#91
Dibenzo(a,h)anthracene
Concen: 4.924 ng
RT: 28.942 min Scan# 44
Delta R.T. -0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:278 Resp: 28444

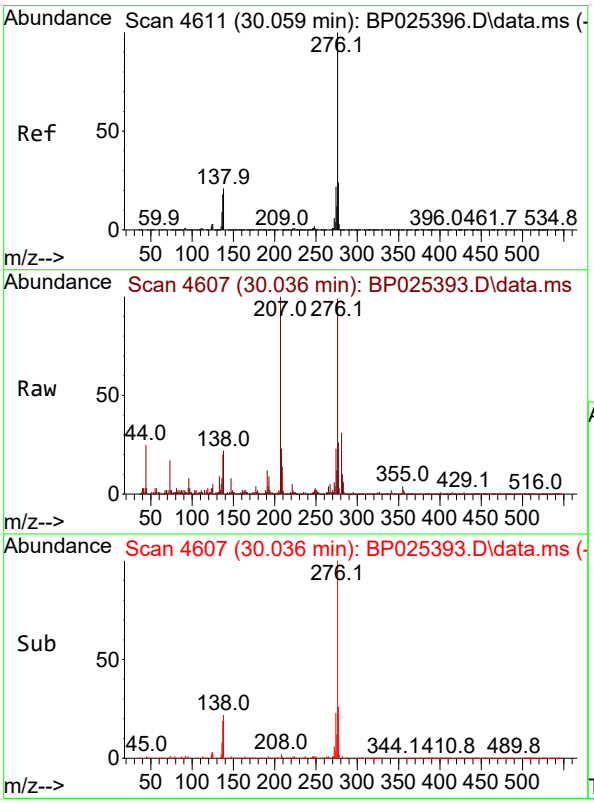
Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.0	19.4
279	24.3	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

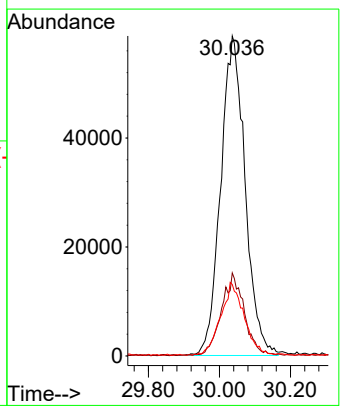
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#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

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)
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

ICAL Form

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	73744	9.006	ng	98
46) 1,1'-Biphenyl	13.237	154	271710	9.763	ng	98
47) 2-Chloronaphthalene	13.272	162	209419	9.666	ng	99
48) 2-Nitroaniline	13.466	65	58630	9.287	ng	97
49) Acenaphthylene	14.119	152	346021	9.652	ng	99
50) Dimethylphthalate	13.860	163	277701	9.896	ng	99
51) 2,6-Dinitrotoluene	13.972	165	54957	9.292	ng	96
52) Acenaphthene	14.472	154	207239m	9.848	ng	
53) 3-Nitroaniline	14.301	138	62991	9.466	ng	93
54) 2,4-Dinitrophenol	14.513	184	21748	6.886	ng	99
55) Dibenzofuran	14.807	168	327734	9.851	ng	100
56) 4-Nitrophenol	14.625	139	48103	8.797	ng	97
57) 2,4-Dinitrotoluene	14.766	165	77950	9.237	ng	100
58) Fluorene	15.472	166	266610	10.156	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.042	232	68931	9.533	ng	99
60) Diethylphthalate	15.242	149	282526	9.909	ng	98
61) 4-Chlorophenyl-phenyle...	15.466	204	131137	10.044	ng	99
62) 4-Nitroaniline	15.478	138	64375	9.437	ng	99
63) Azobenzene	15.766	77	234879	9.620	ng	98
65) 4,6-Dinitro-2-methylph...	15.542	198	37380	7.679	ng	97
66) n-Nitrosodiphenylamine	15.684	169	235344	9.883	ng	100
67) 4-Bromophenyl-phenylether	16.384	248	80373	9.358	ng	98
68) Hexachlorobenzene	16.501	284	98614	9.905	ng	96
69) Atrazine	16.660	200	88240	9.894	ng	98
70) Pentachlorophenol	16.854	266	52539	8.360	ng	97
71) Phenanthrene	17.248	178	429752	10.018	ng	99
72) Anthracene	17.348	178	438953	10.020	ng	100
73) Carbazole	17.619	167	410726	9.954	ng	99
74) Di-n-butylphthalate	18.219	149	490232	9.656	ng	99
75) Fluoranthene	19.330	202	516523	10.094	ng	99
77) Benzidine	19.525	184	276193	9.406	ng	99
78) Pyrene	19.707	202	542670	9.704	ng	100
80) Butylbenzylphthalate	20.660	149	239416	9.446	ng	98
81) Benzo(a)anthracene	21.624	228	560279	9.874	ng	99
82) 3,3'-Dichlorobenzidine	21.554	252	207153	9.686	ng	99
83) Chrysene	21.701	228	522411	9.831	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	355530	9.529	ng	99
85) Di-n-octyl phthalate	22.877	149	594195	9.259	ng	99
87) Indeno(1,2,3-cd)pyrene	28.853	276	678980m	9.438	ng	
88) Benzo(b)fluoranthene	23.954	252	552191	9.549	ng	99
89) Benzo(k)fluoranthene	24.018	252	567080	9.800	ng	98
90) Benzo(a)pyrene	24.854	252	535820	9.519	ng	99
91) Dibenzo(a,h)anthracene	28.959	278	551694	9.387	ng	99
92) Benzo(g,h,i)perylene	30.047	276	548117	9.489	ng	99

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

ICAL Form

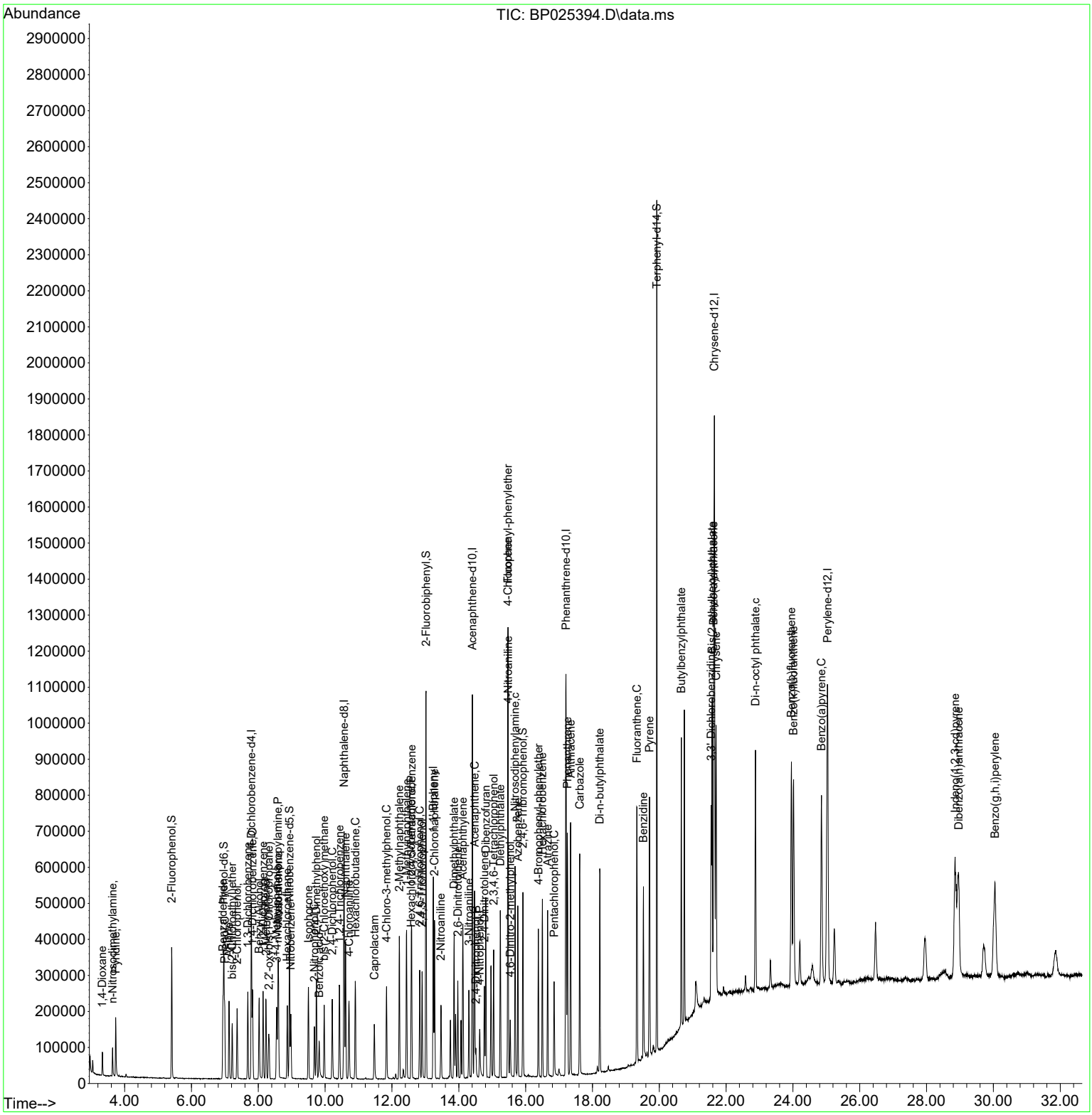
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025394.D
Acq On : 14 Aug 2025 13:56
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

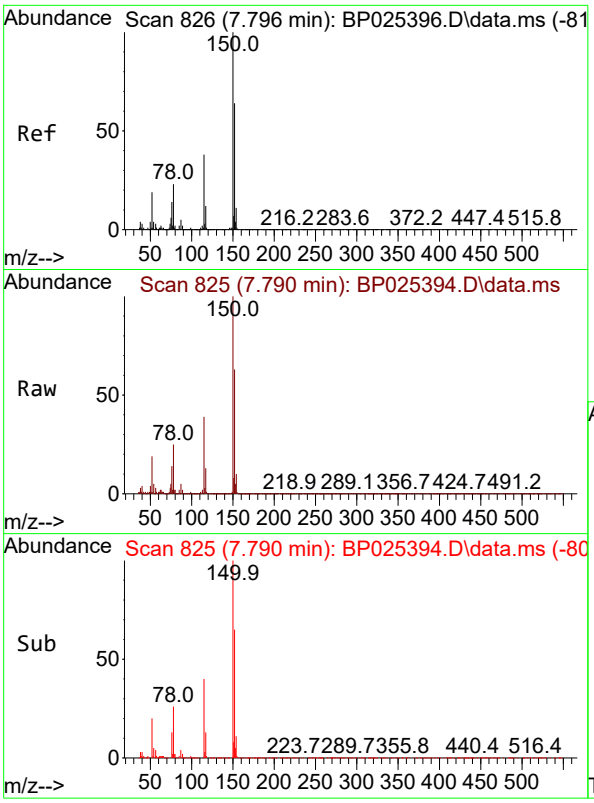
Quant Time: Aug 14 17:53:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

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

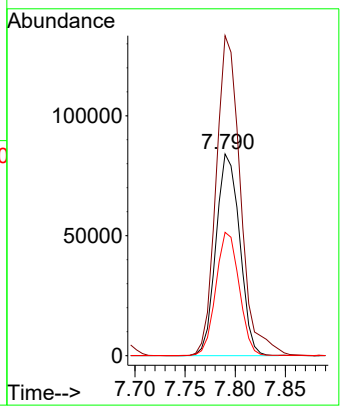




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:152 Resp: 13785

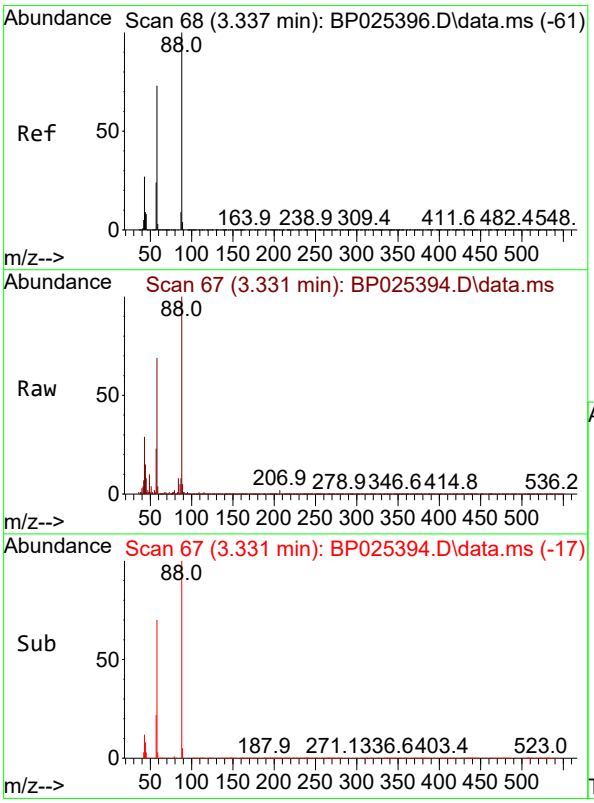
Ion	Ratio	Lower	Upper
152	100		
150	158.6	125.9	188.9
115	61.1	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

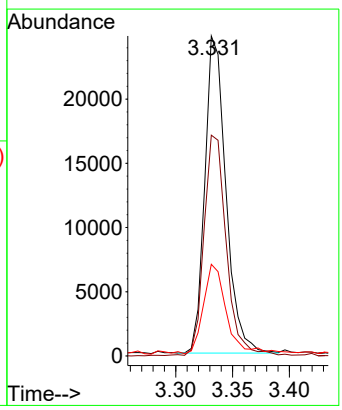
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

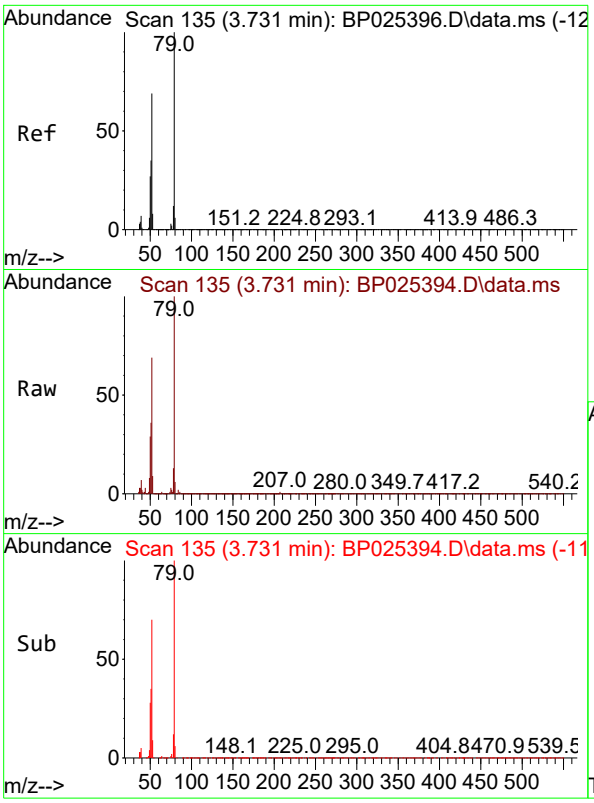


#2
1,4-Dioxane
Concen: 9.826 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 88 Resp: 31948

Ion	Ratio	Lower	Upper
88	100		
58	74.0	59.2	88.8
43	30.8	21.7	32.5

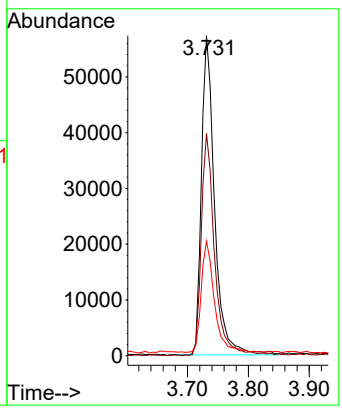




#3
Pyridine
Concen: 9.681 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 79 Resp: 8615

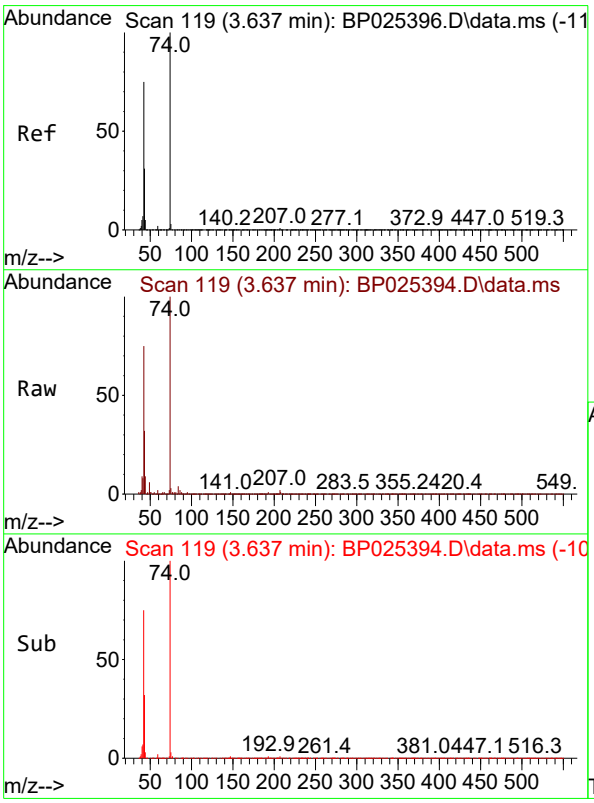
Ion	Ratio	Lower	Upper
79	100		
52	69.4	55.5	83.3
51	35.8	28.3	42.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

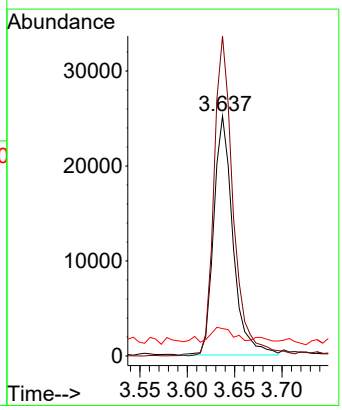
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

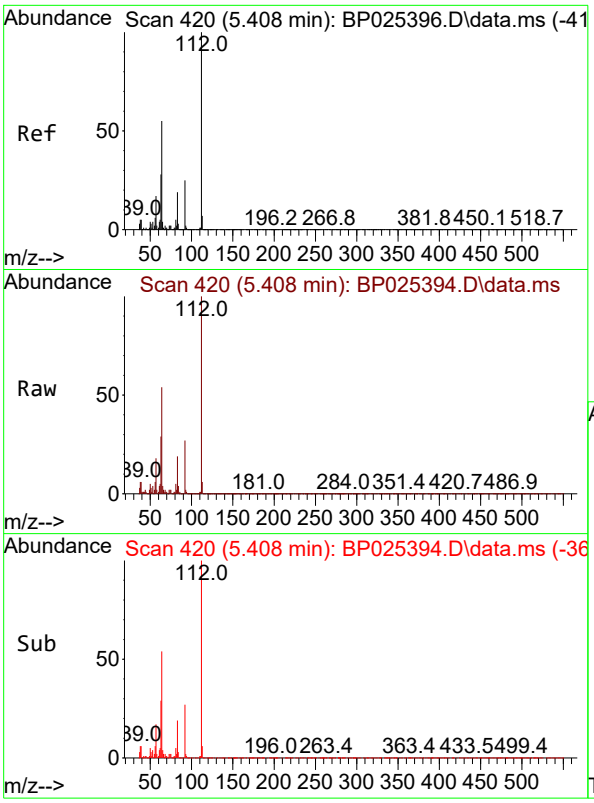


#4
n-Nitrosodimethylamine
Concen: 9.681 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 42 Resp: 35519

Ion	Ratio	Lower	Upper
42	100		
74	133.3	107.0	160.4
44	11.4	6.2	9.4#

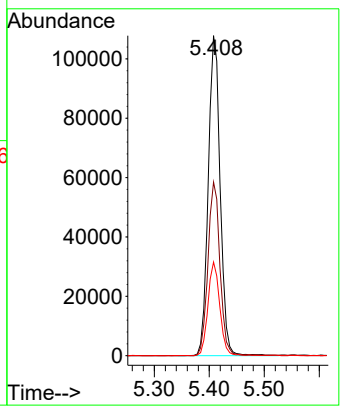




#5
2-Fluorophenol
Concen: 19.551 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:112 Resp: 16228

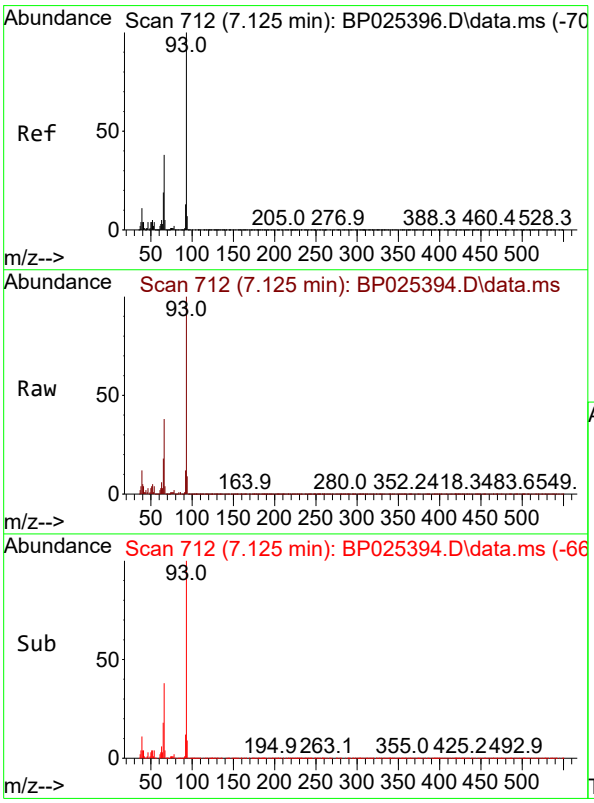
Ion	Ratio	Lower	Upper
112	100		
64	54.3	43.8	65.8
63	29.3	22.7	34.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

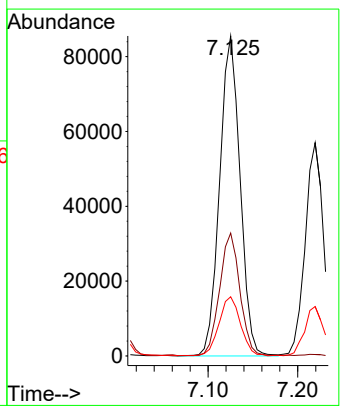
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

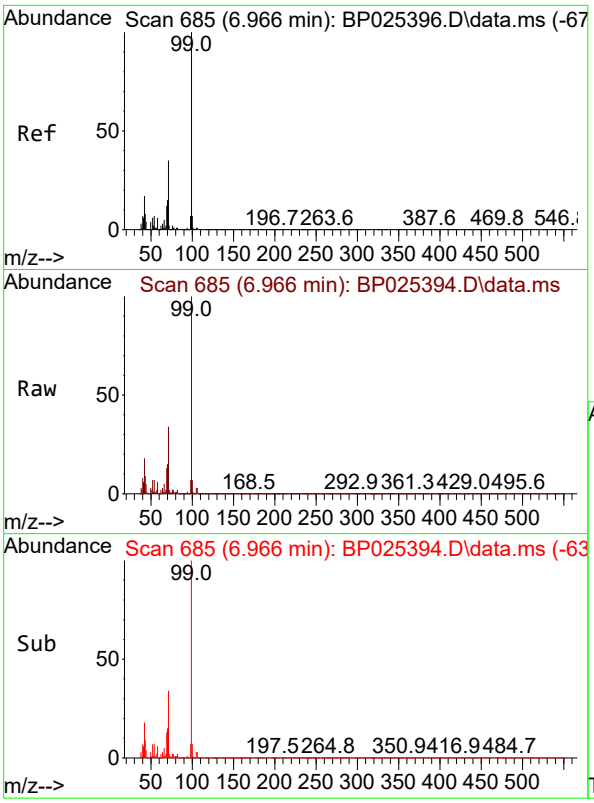


#6
Aniline
Concen: 9.430 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 93 Resp: 135217

Ion	Ratio	Lower	Upper
93	100		
66	38.4	30.4	45.6
65	18.5	15.3	22.9

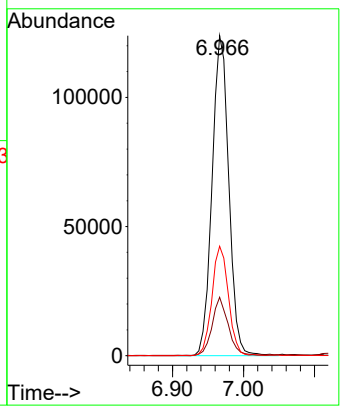




#7
Phenol-d6
Concen: 19.000 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 99 Resp: 20220

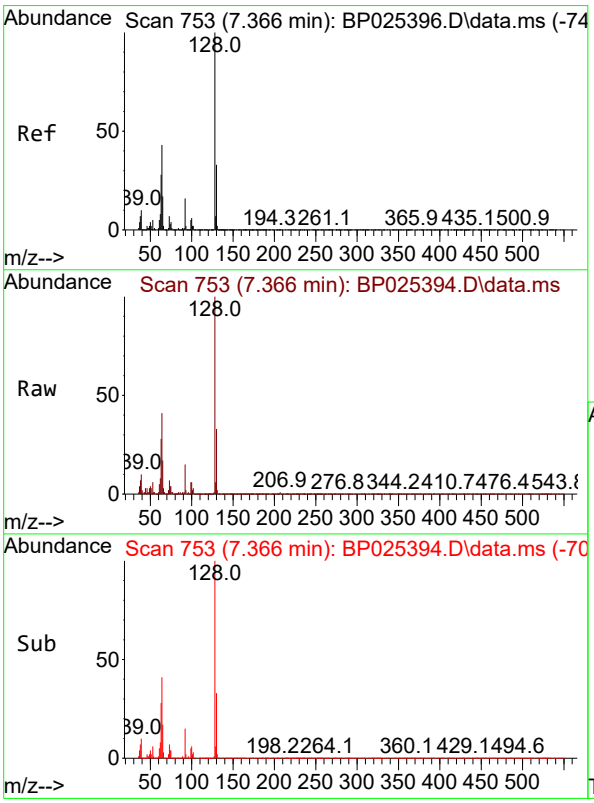
Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.7	20.5
71	34.2	28.2	42.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

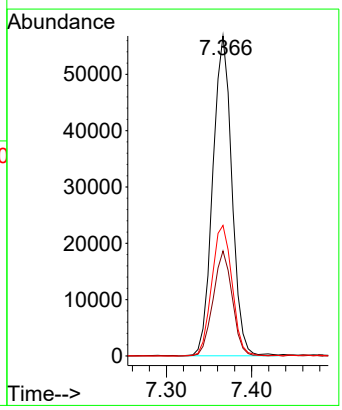
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

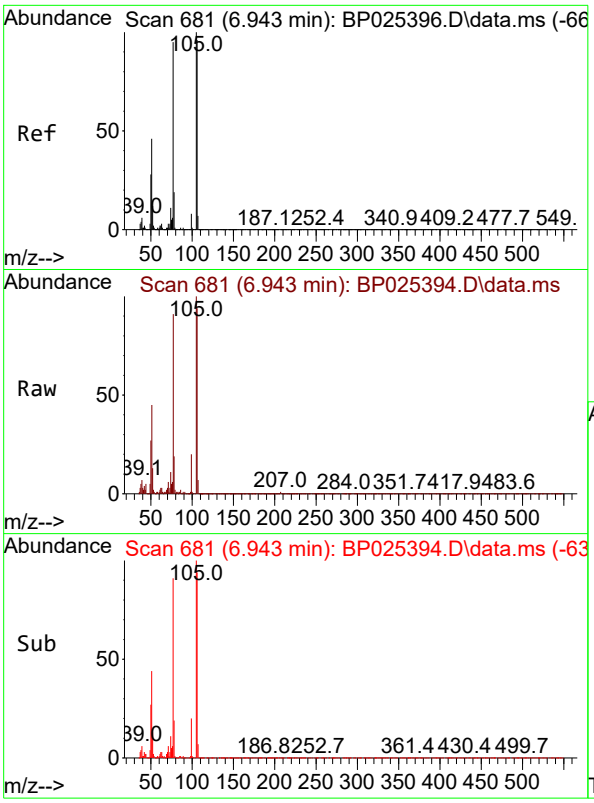


#8
2-Chlorophenol
Concen: 9.439 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:128 Resp: 88413

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.6	52.6
64	40.8	23.4	63.4

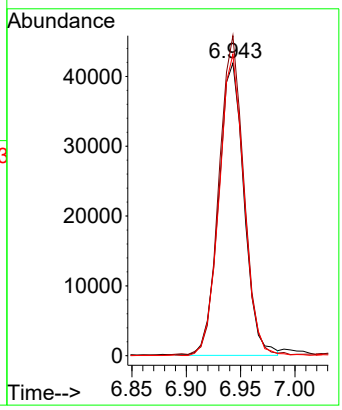




#9
Benzaldehyde
Concen: 9.129 ng m
RT: 6.943 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 77 Resp: 6806

Ion	Ratio	Lower	Upper
77	100		
105	109.4	84.8	124.8
106	103.0	80.5	120.5



Instrument :
BNA_P
ClientSampleId :
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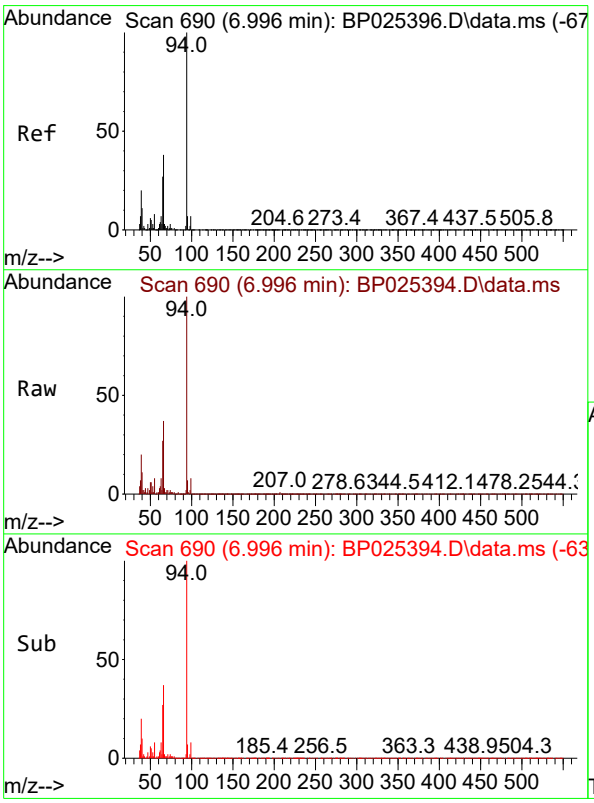
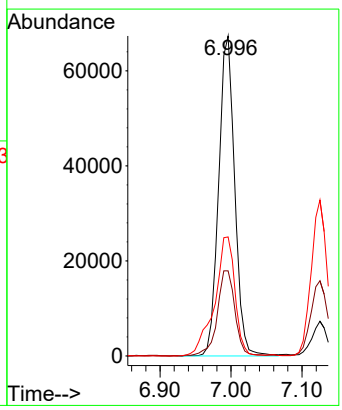
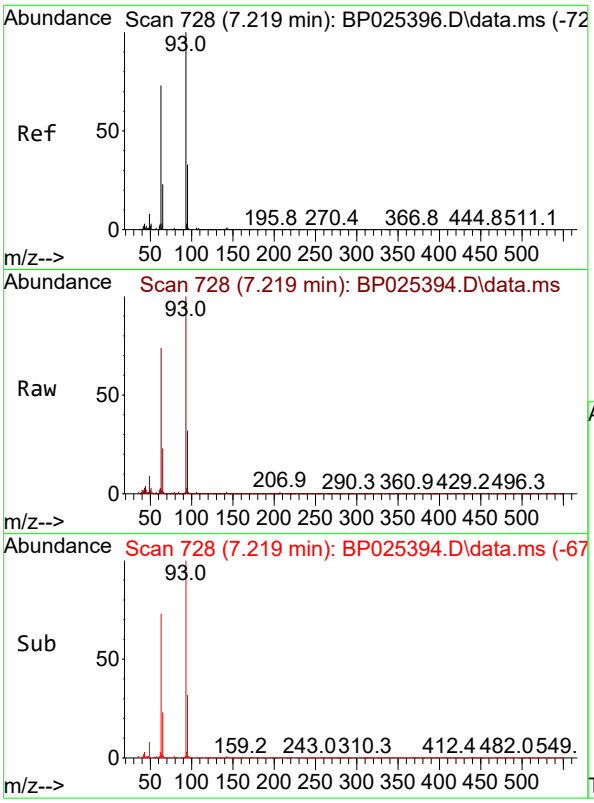


#10
Phenol
Concen: 9.438 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

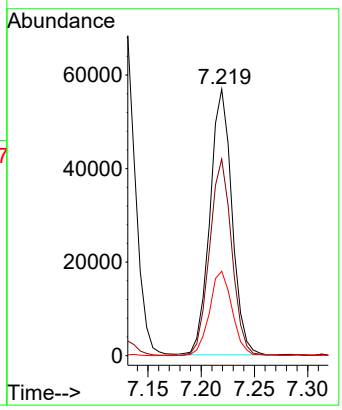




#11
bis(2-Chloroethyl)ether
Concen: 9.368 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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



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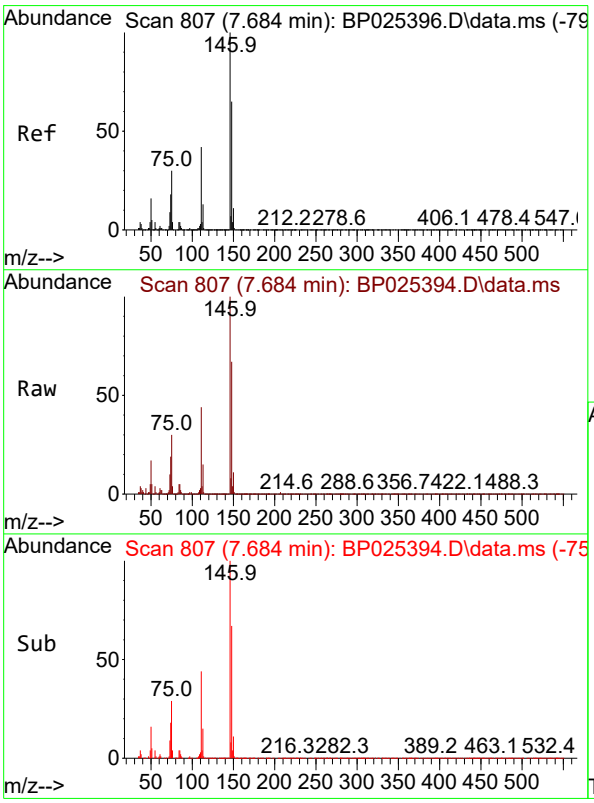
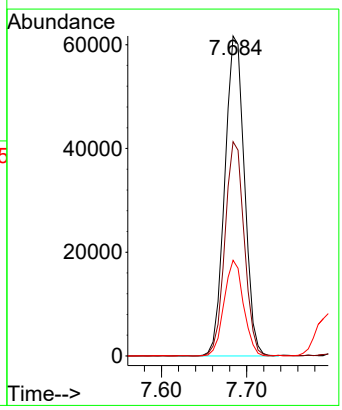
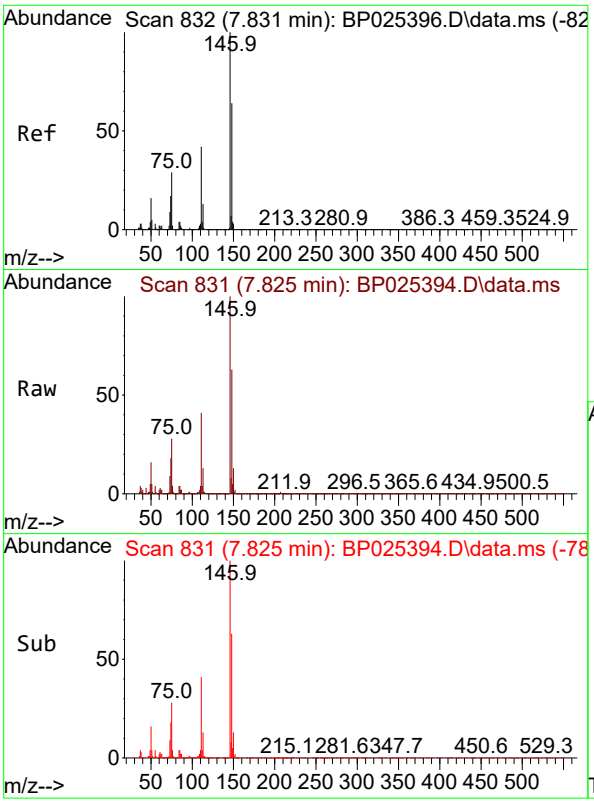


#12
1,3-Dichlorobenzene
Concen: 9.564 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

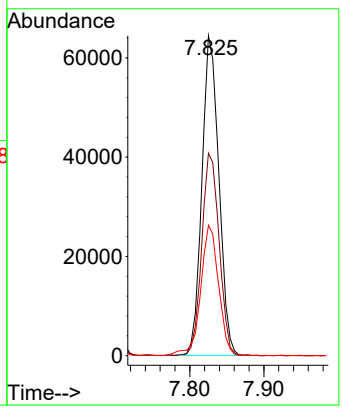




#13
1,4-Dichlorobenzene
Concen: 9.731 ng
RT: 7.825 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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



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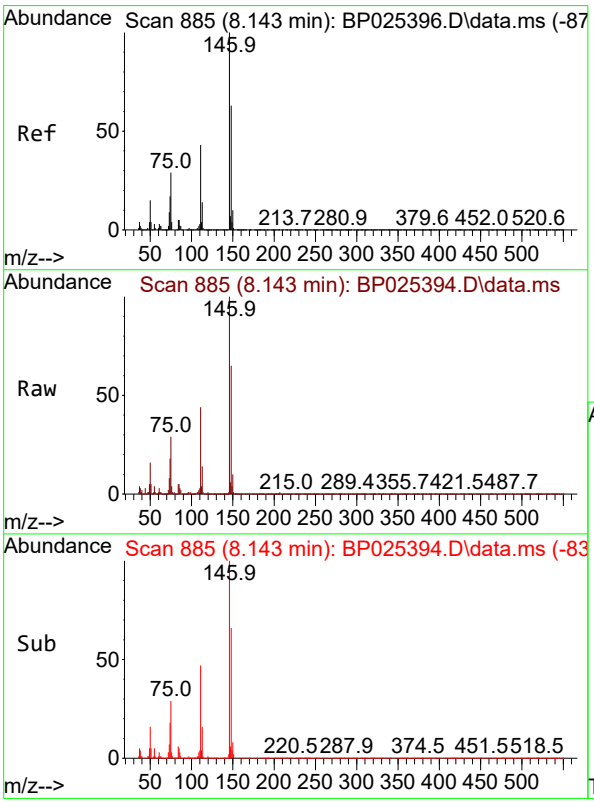
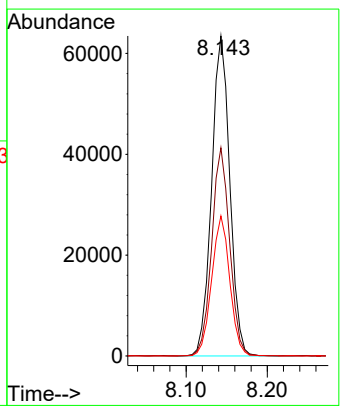
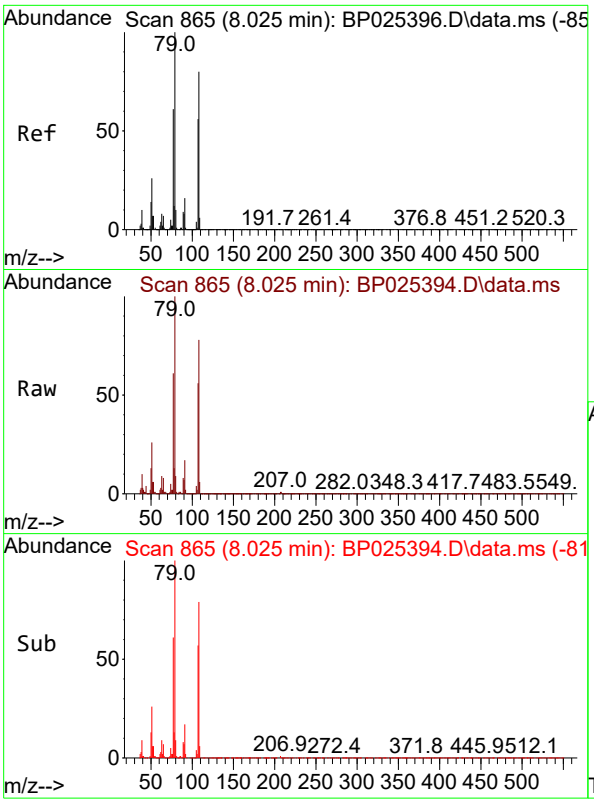


#14
1,2-Dichlorobenzene
Concen: 9.647 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

Instrument :
BNA_P
ClientSampleId :
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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

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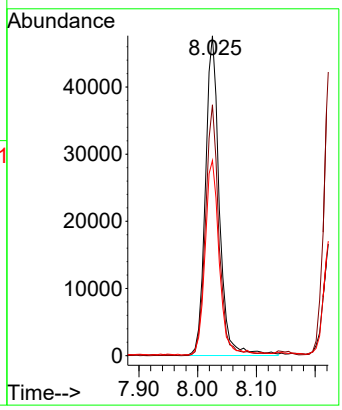
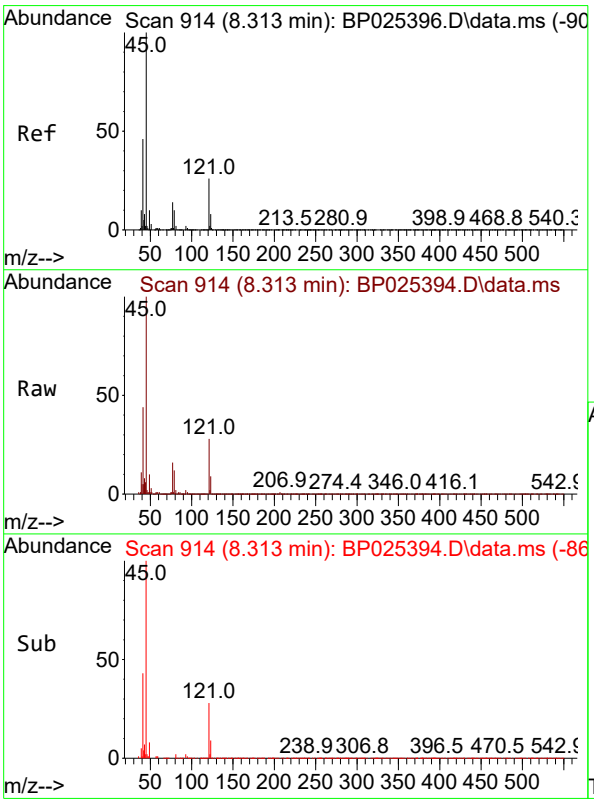
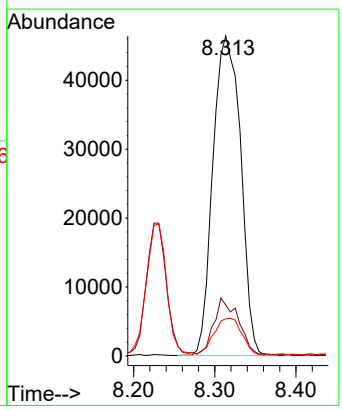


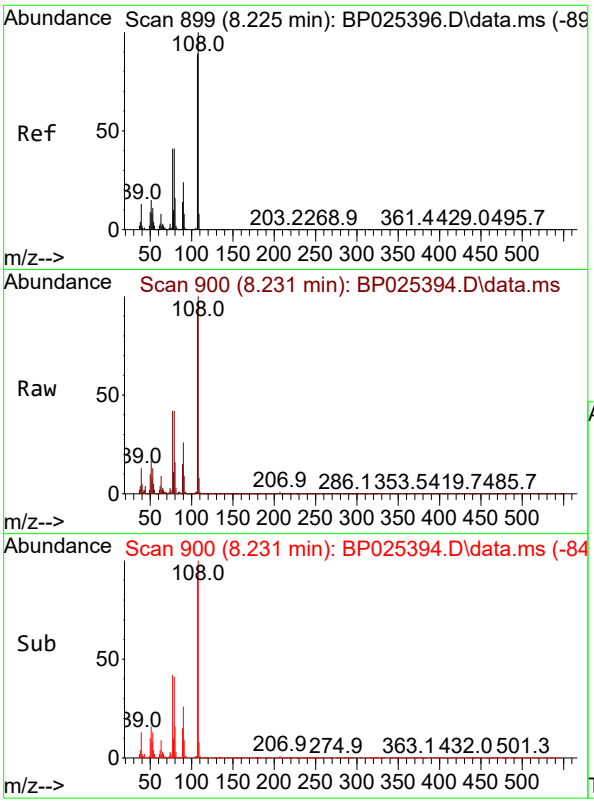


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.412 ng
RT: 8.313 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

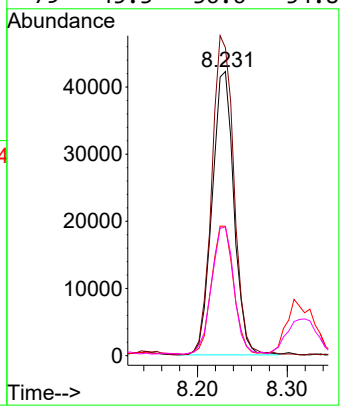




#17
2-Methylphenol
Concen: 9.153 ng
RT: 8.231 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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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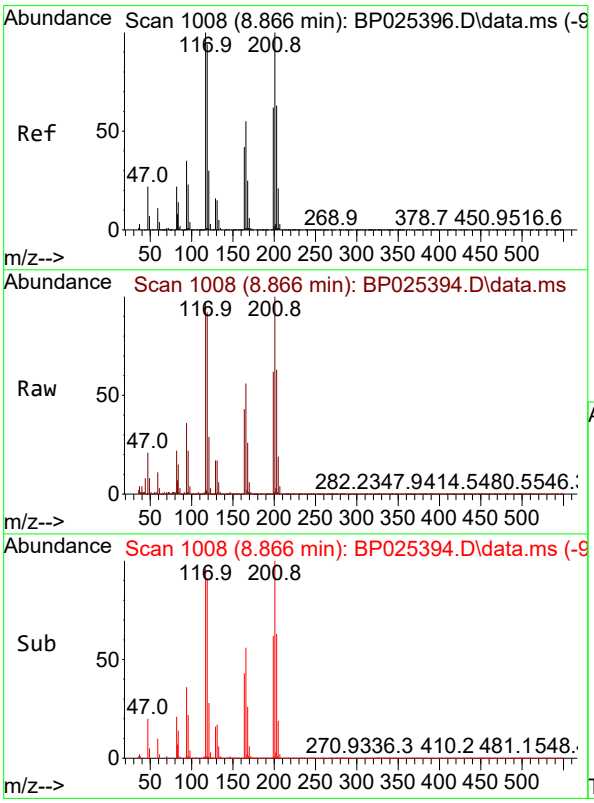
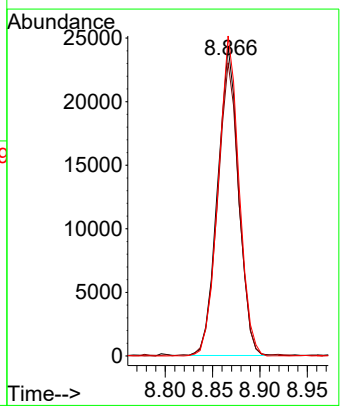
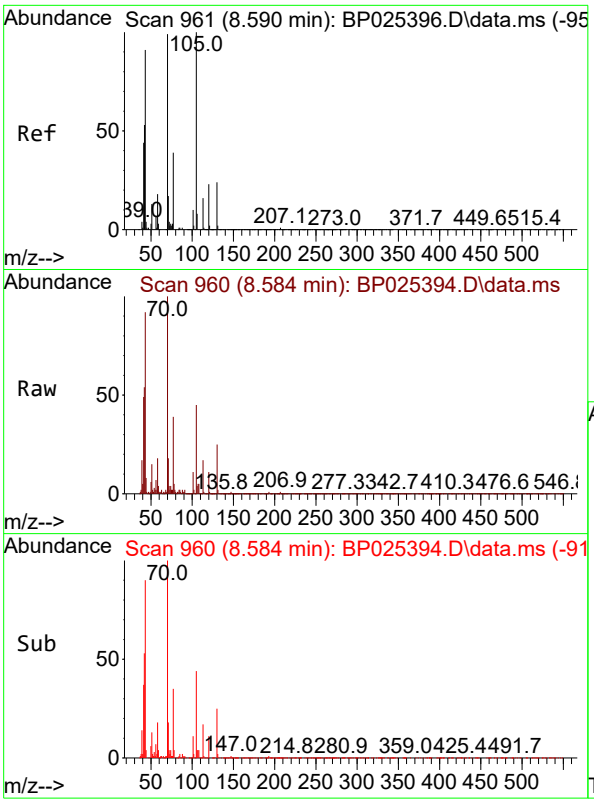


#18
Hexachloroethane
Concen: 9.654 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

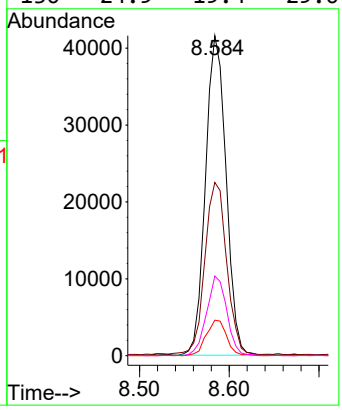




#19
n-Nitroso-di-n-propylamine
Concen: 9.366 ng
RT: 8.584 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
BNA_P
ClientSampleId :
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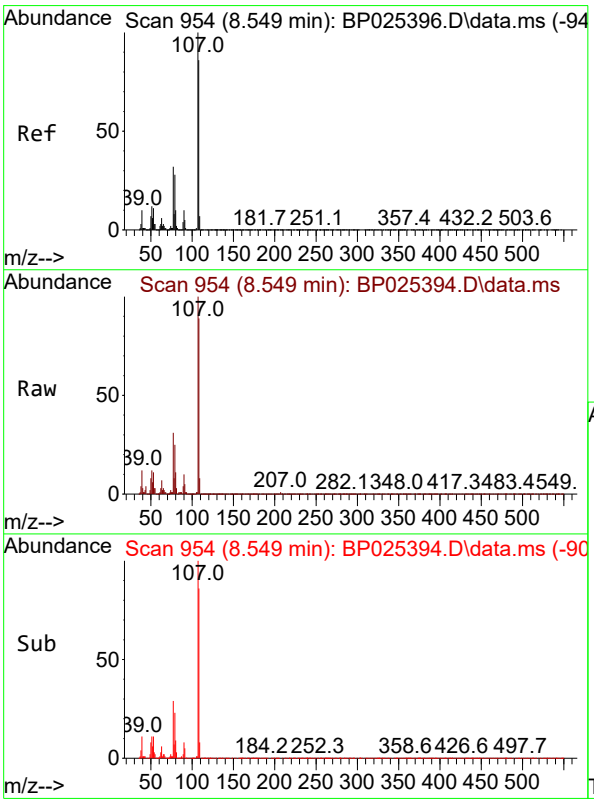
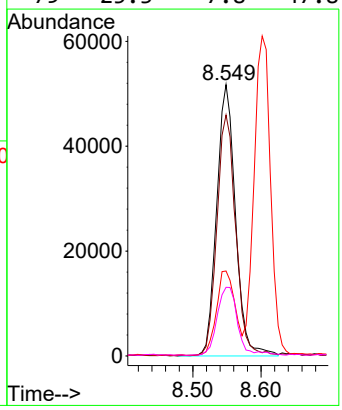
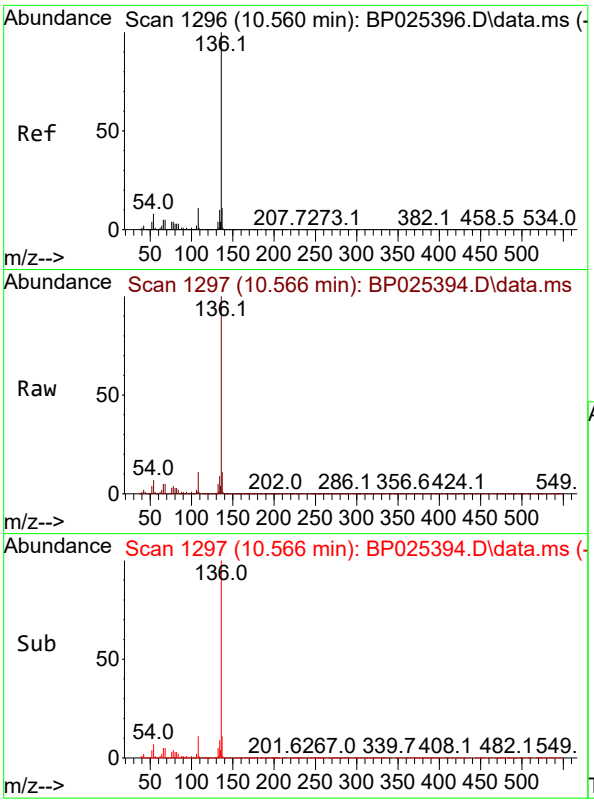


#20
3+4-Methylphenols
Concen: 9.244 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:107 Resp: 99382

Ion	Ratio	Lower	Upper
107	100		
108	88.8	66.3	106.3
77	31.3	12.3	52.3
79	25.3	7.8	47.8

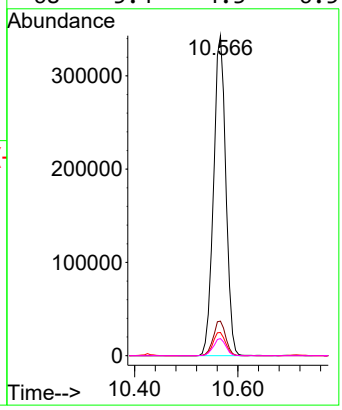




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:136 Resp: 56399

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.3	6.0	9.0
68	5.4	4.3	6.5



Instrument :
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ClientSampleId :
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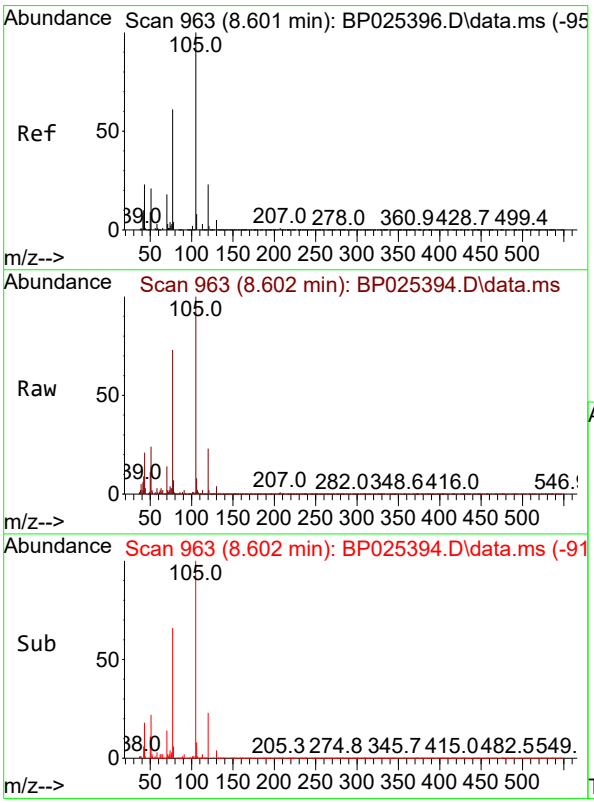
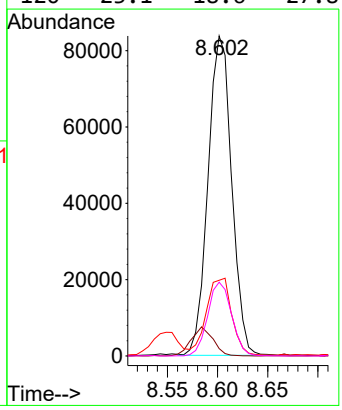
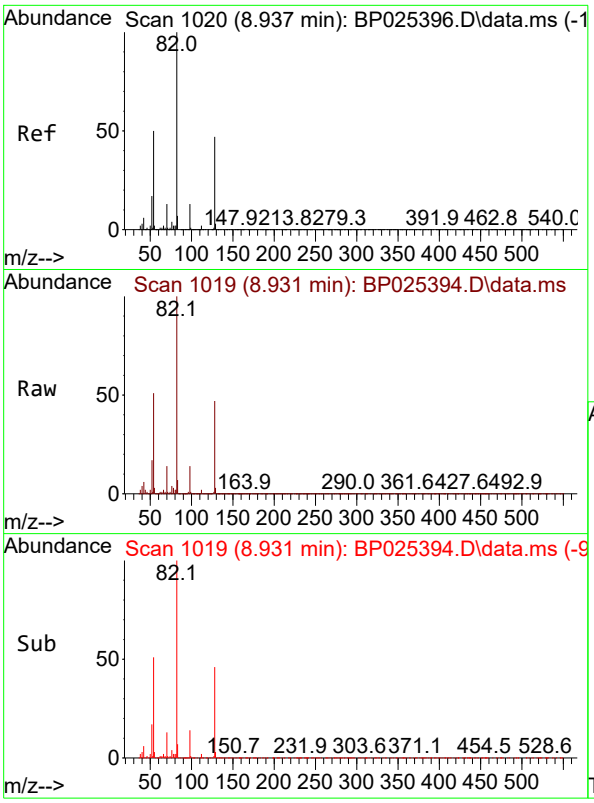


#22
Acetophenone
Concen: 9.712 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:105 Resp: 137361

Ion	Ratio	Lower	Upper
105	100		
71	2.3	2.6	4.0#
51	23.7	20.6	30.8
120	23.1	18.6	27.8

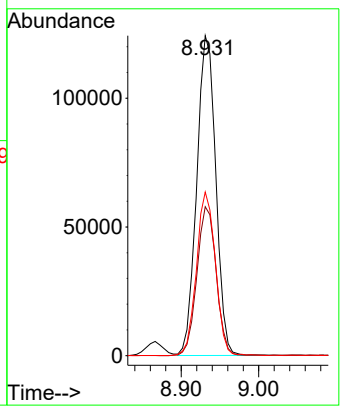




#23
Nitrobenzene-d5
Concen: 19.036 ng
RT: 8.931 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 82 Resp: 21223

Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.7	56.5
54	51.2	39.8	59.6



Instrument :
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ClientSampleId :
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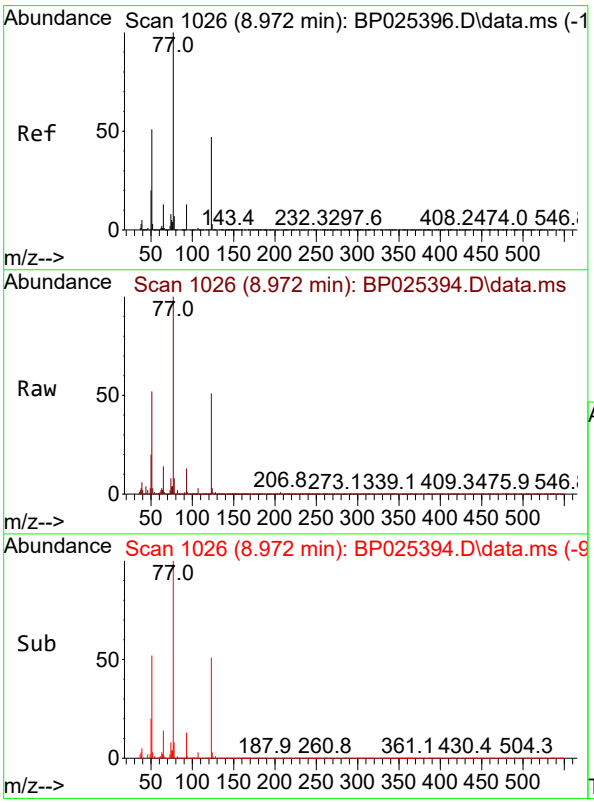
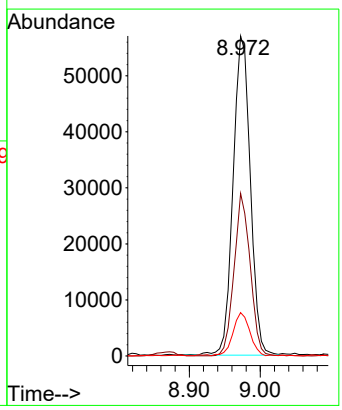
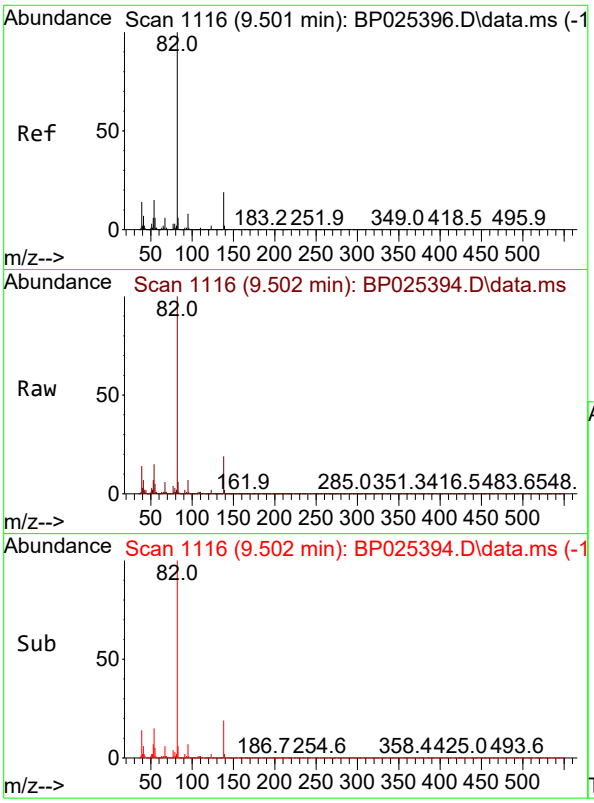


#24
Nitrobenzene
Concen: 9.685 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 77 Resp: 96502

Ion	Ratio	Lower	Upper
77	100		
123	50.8	38.6	58.0
65	13.6	10.6	15.8

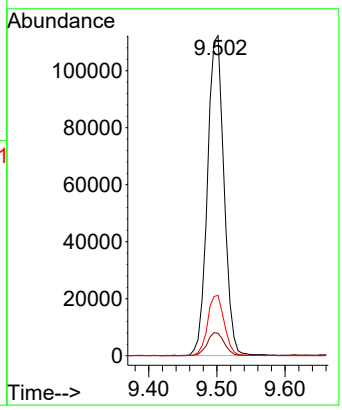




#25
Isophorone
Concen: 9.604 ng
RT: 9.502 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 82 Resp: 18951

Ion	Ratio	Lower	Upper
82	100		
95	7.0	6.4	9.6
138	18.8	15.4	23.0



Instrument :
BNA_P
ClientSampleId :
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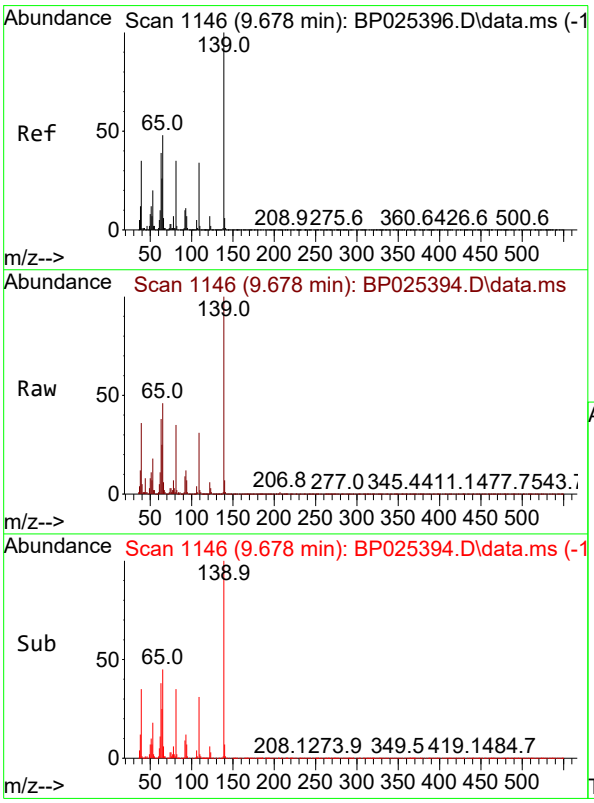
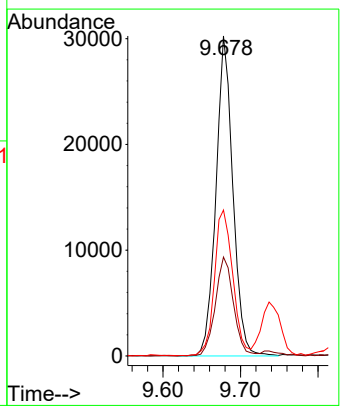
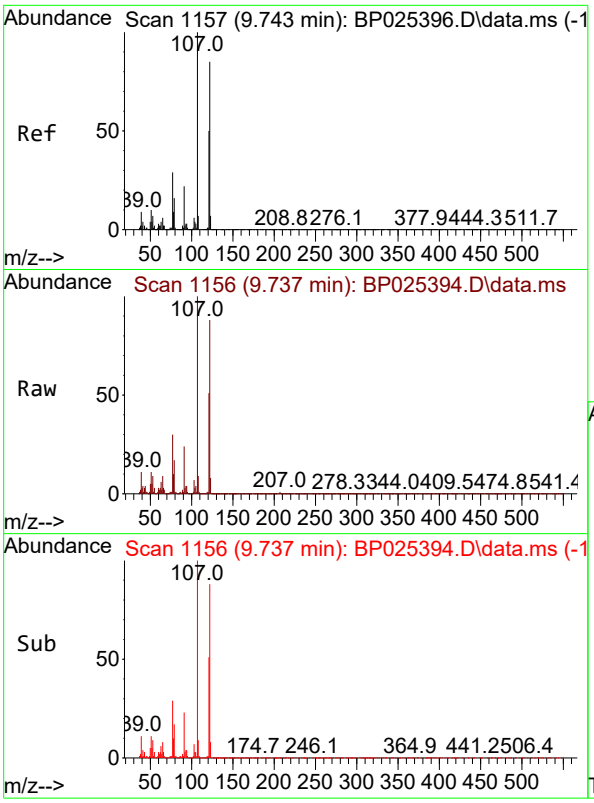


#26
2-Nitrophenol
Concen: 8.968 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:139 Resp: 45860

Ion	Ratio	Lower	Upper
139	100		
109	30.9	26.9	40.3
65	45.6	38.3	57.5

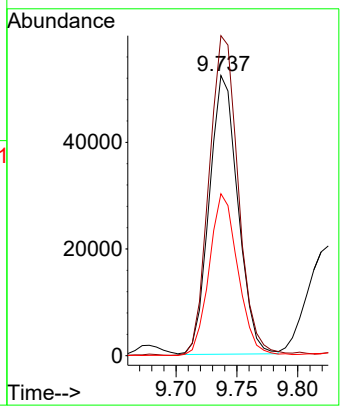




#27
2,4-Dimethylphenol
Concen: 9.718 ng
RT: 9.737 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:122 Resp: 8546

Ion	Ratio	Lower	Upper
122	100		
107	114.2	93.7	140.5
121	57.8	46.6	69.8



Instrument :
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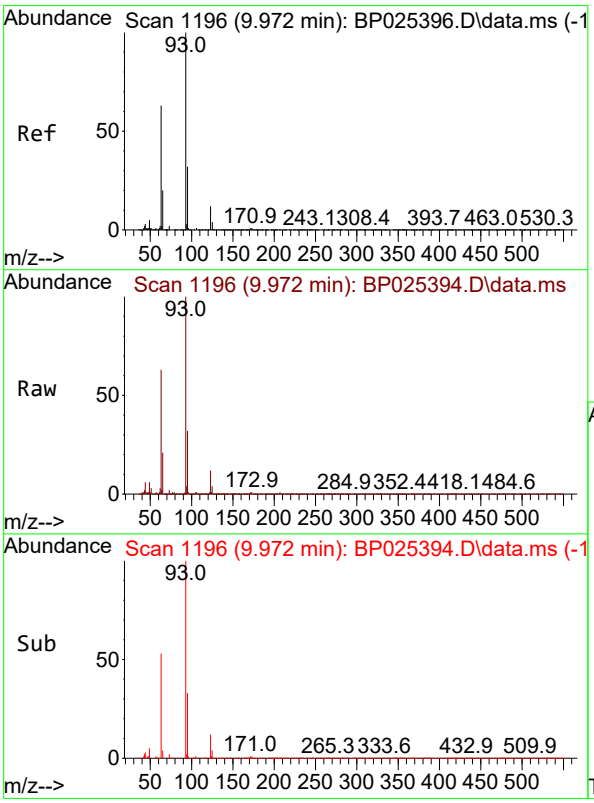
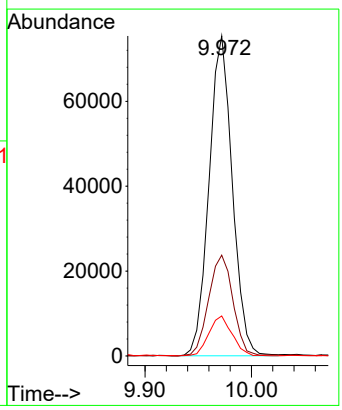
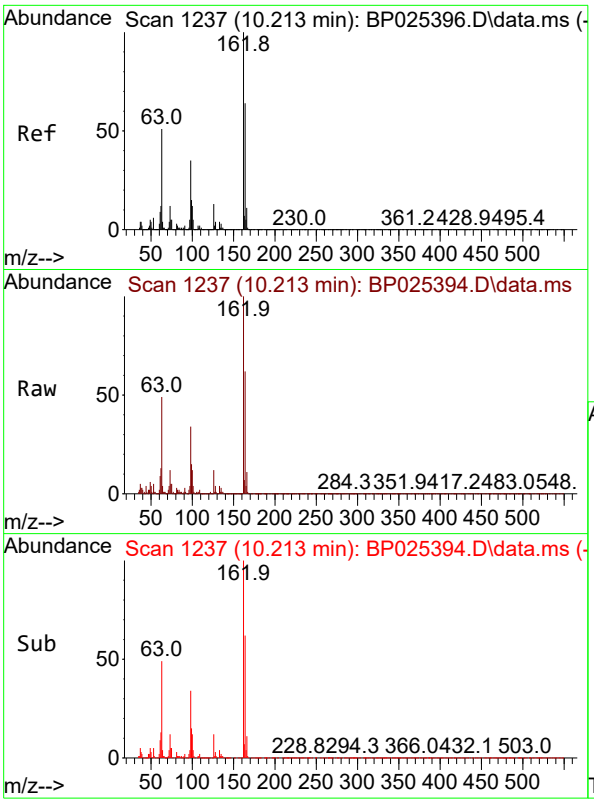


#28
bis(2-Chloroethoxy)methane
Concen: 9.611 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 93 Resp: 114635

Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.4	38.0
123	12.5	9.4	14.0

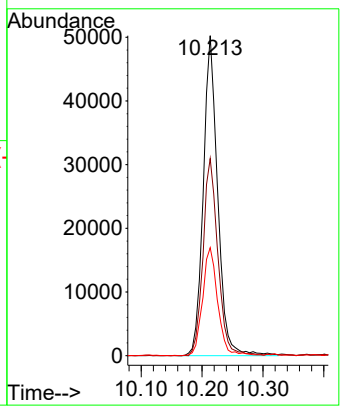




#29
2,4-Dichlorophenol
Concen: 9.464 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:162 Resp: 8267

Ion	Ratio	Lower	Upper
162	100		
164	61.6	44.4	84.4
98	33.8	14.9	54.9



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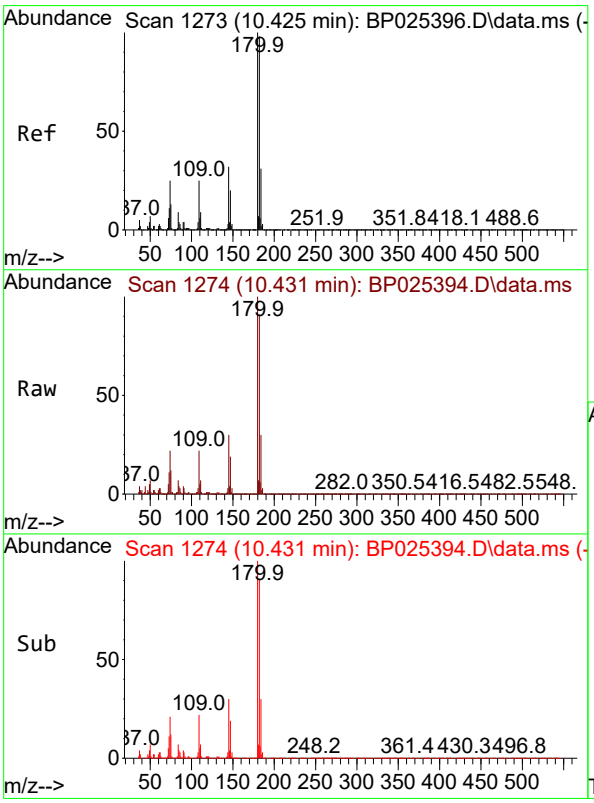
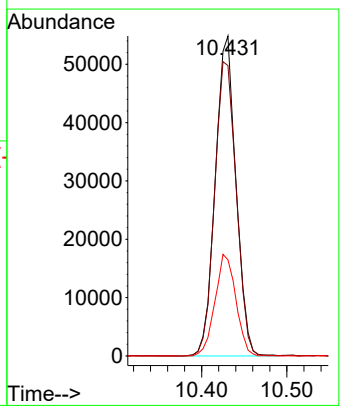
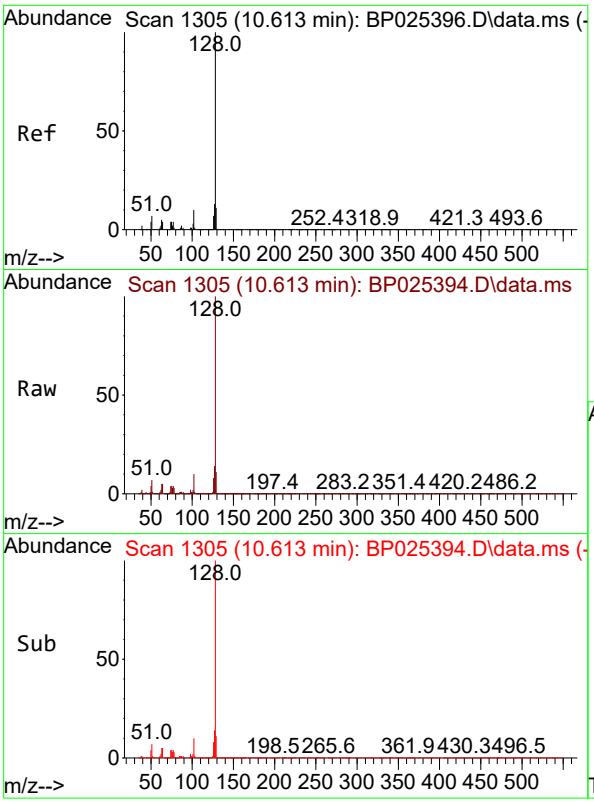


#30
1,2,4-Trichlorobenzene
Concen: 9.676 ng
RT: 10.431 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

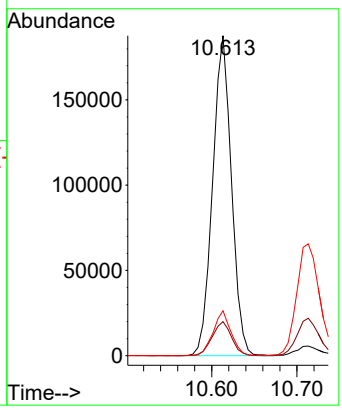




#31
Naphthalene
Concen: 9.816 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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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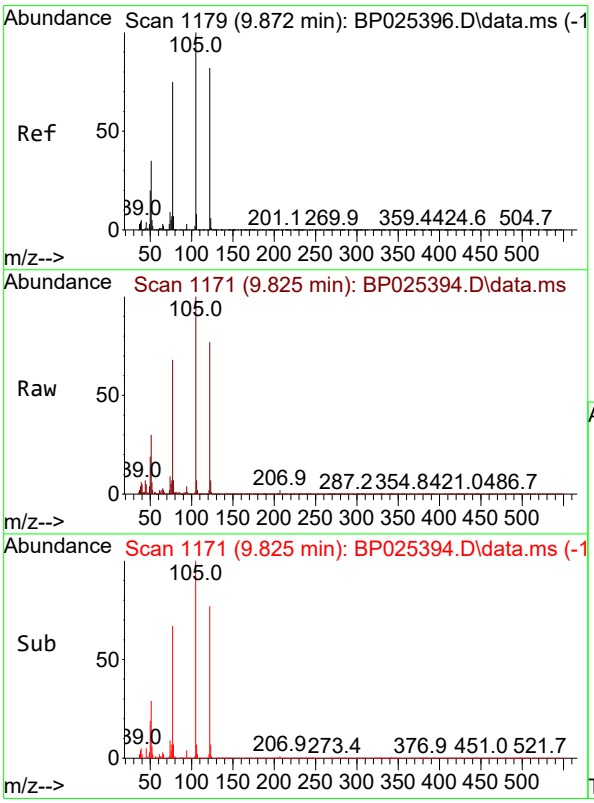
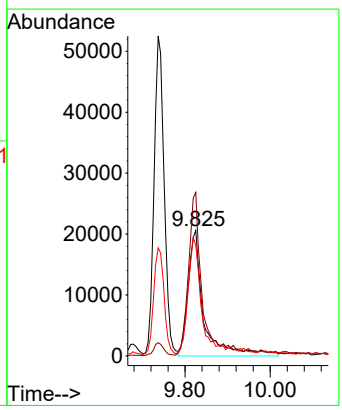
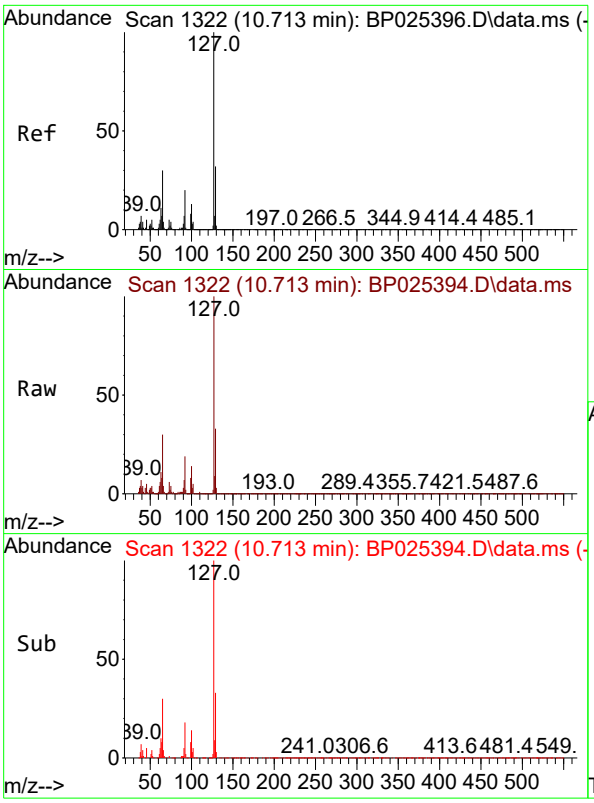


#32
Benzoic acid
Concen: 8.188 ng m
RT: 9.825 min Scan# 1171
Delta R.T. -0.047 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

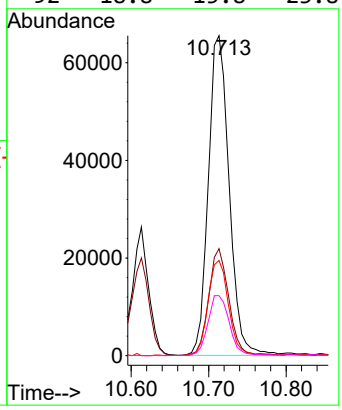




#33
4-Chloroaniline
Concen: 9.472 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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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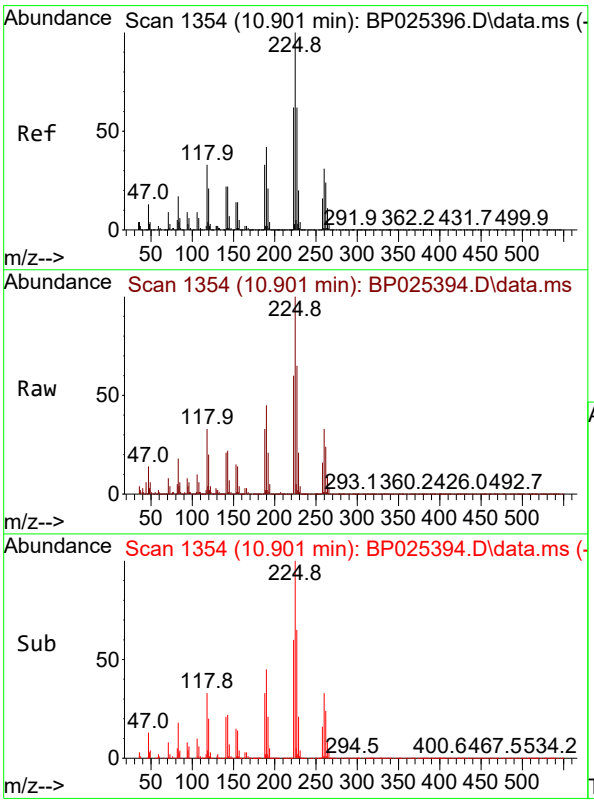
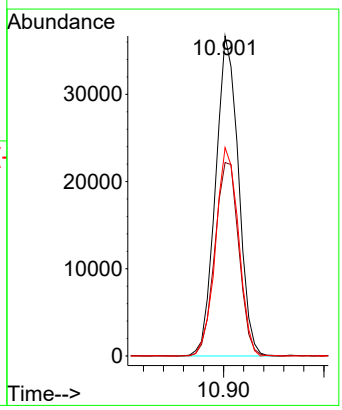
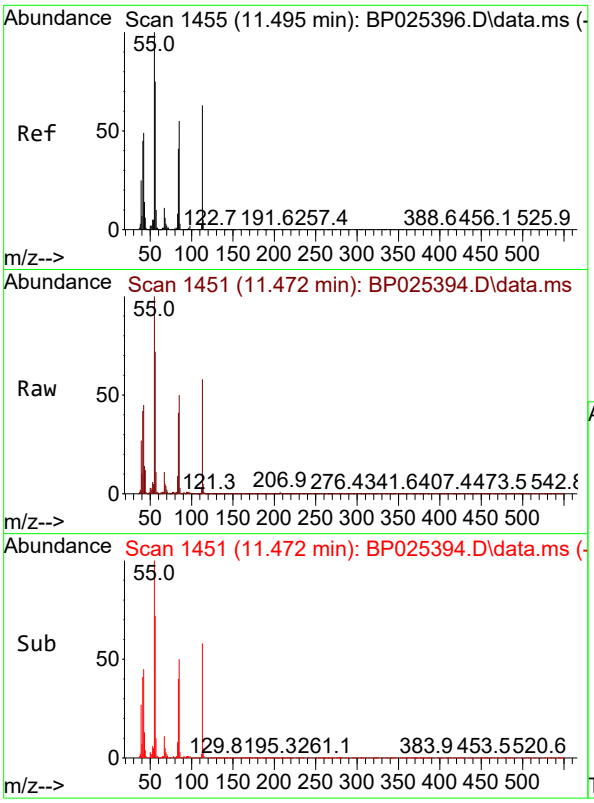


#34
Hexachlorobutadiene
Concen: 9.695 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
BNA_P
ClientSampleId :
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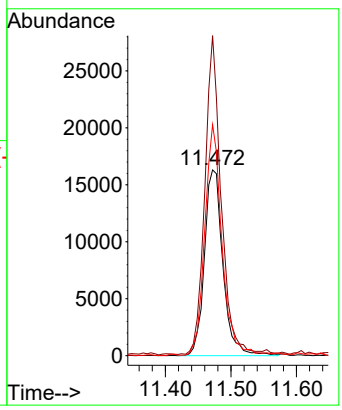
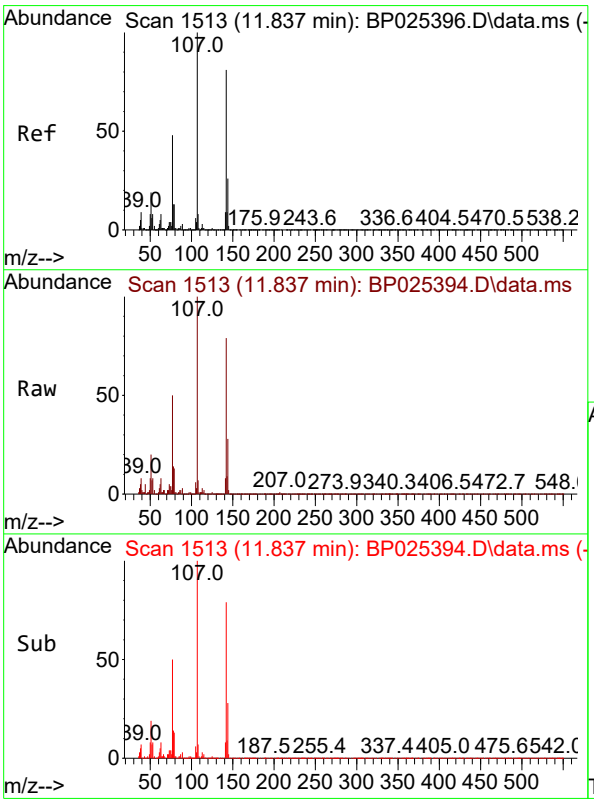
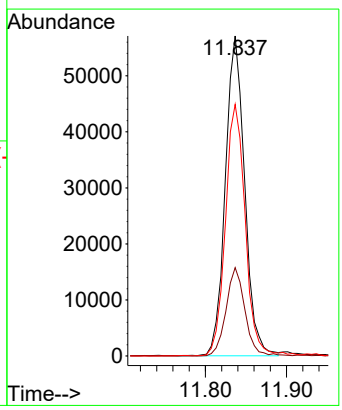


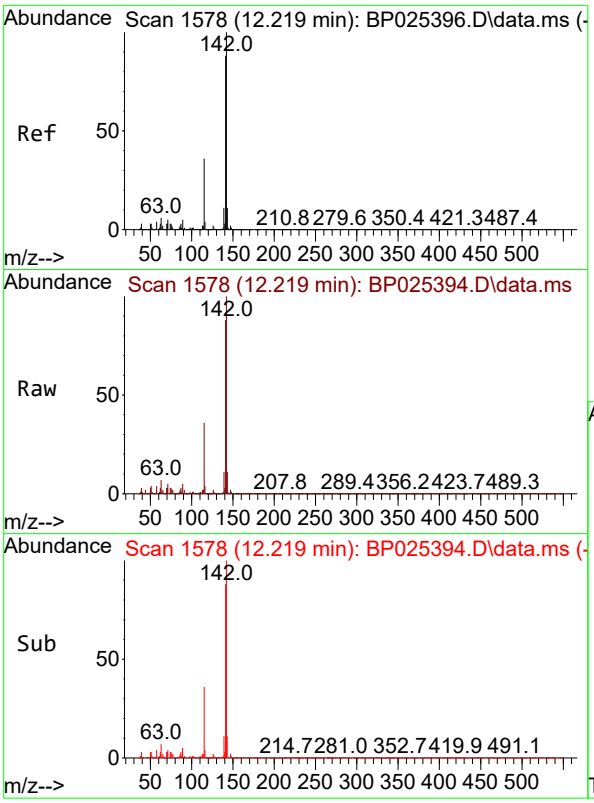


#36
4-Chloro-3-methylphenol
Concen: 9.431 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

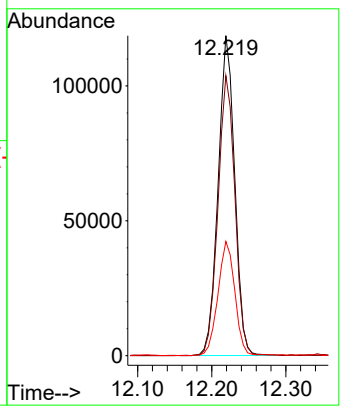




#37
2-Methylnaphthalene
Concen: 9.654 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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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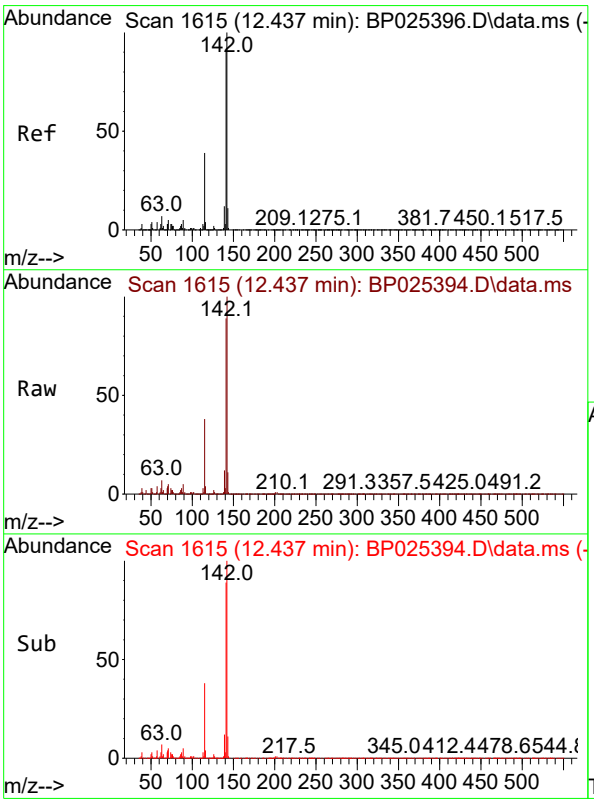
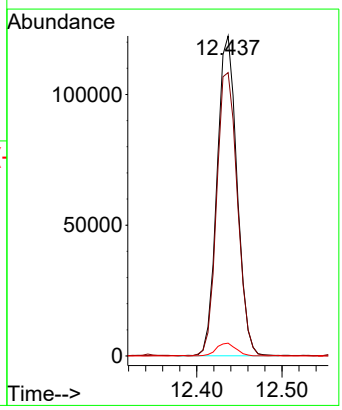
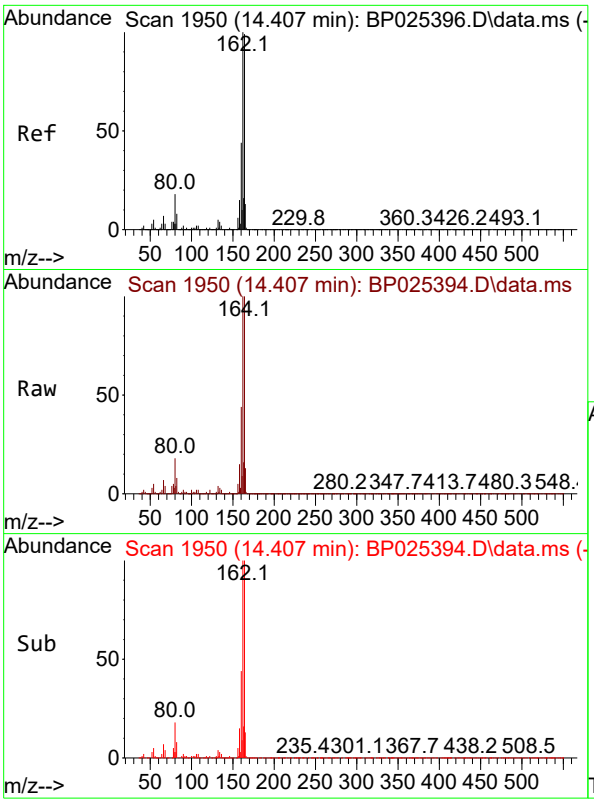


#38
1-Methylnaphthalene
Concen: 9.817 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

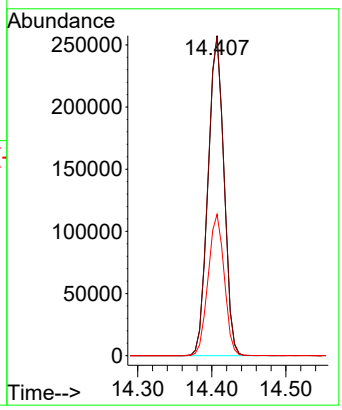




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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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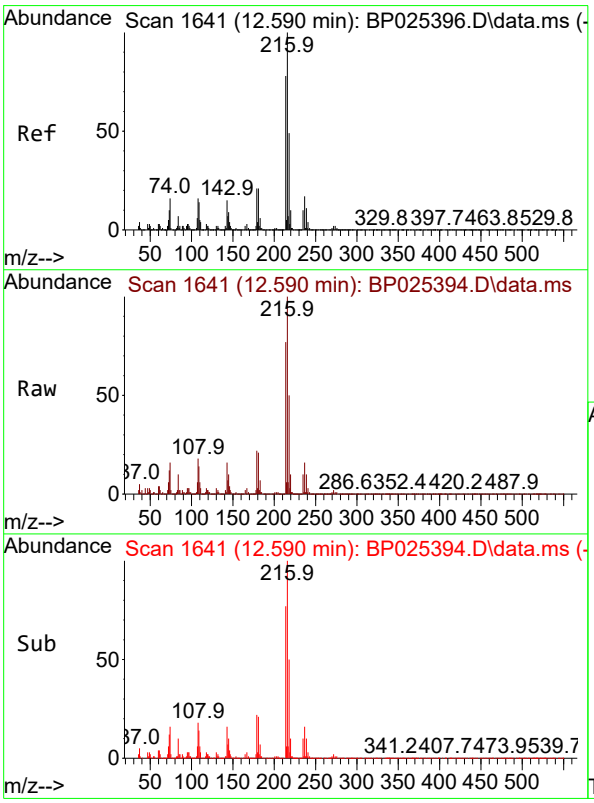
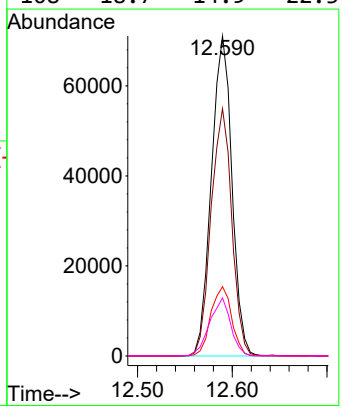
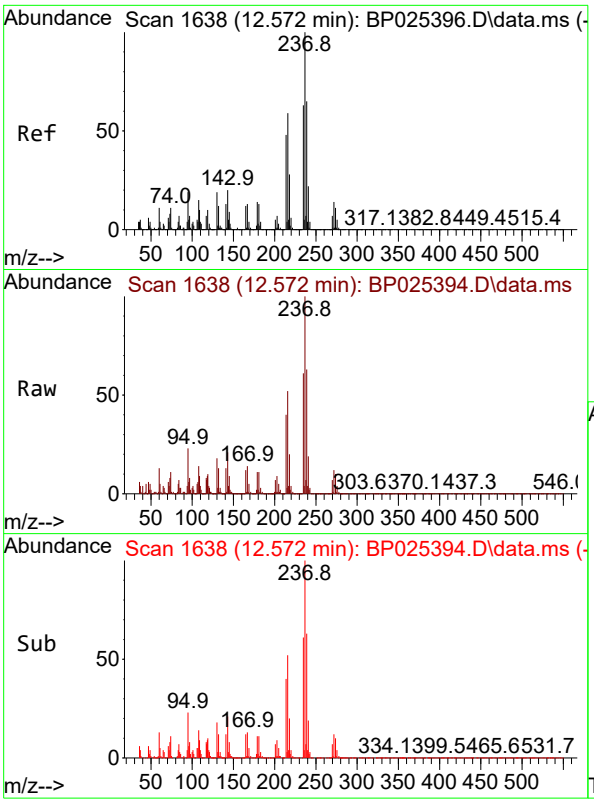


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.678 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

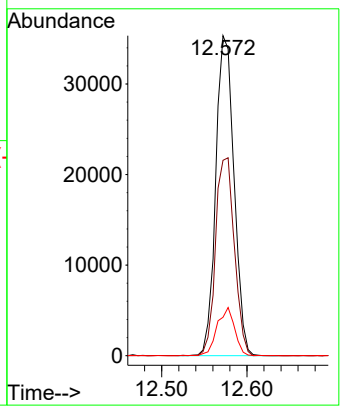




#41
Hexachlorocyclopentadiene
Concen: 7.867 ng
RT: 12.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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



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ClientSampleId :
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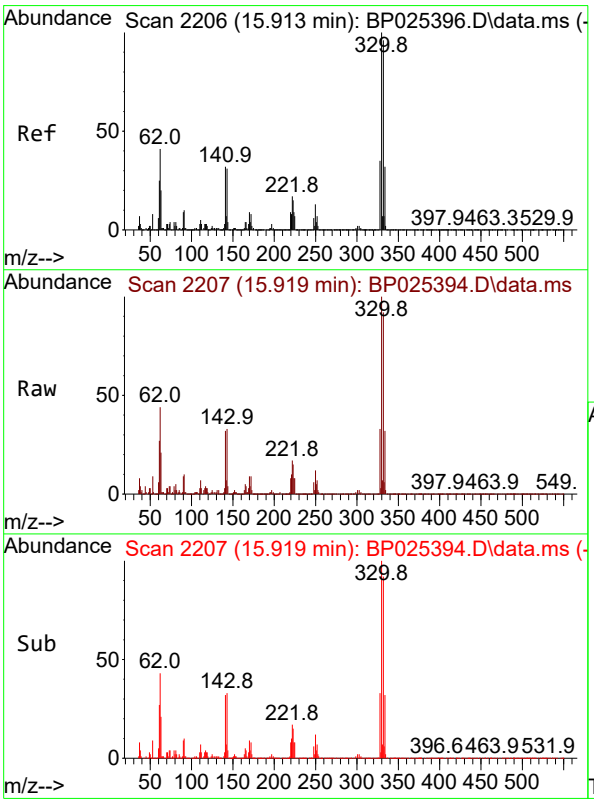
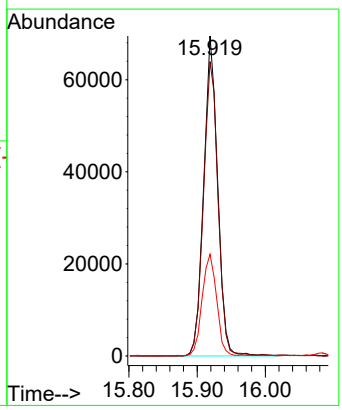
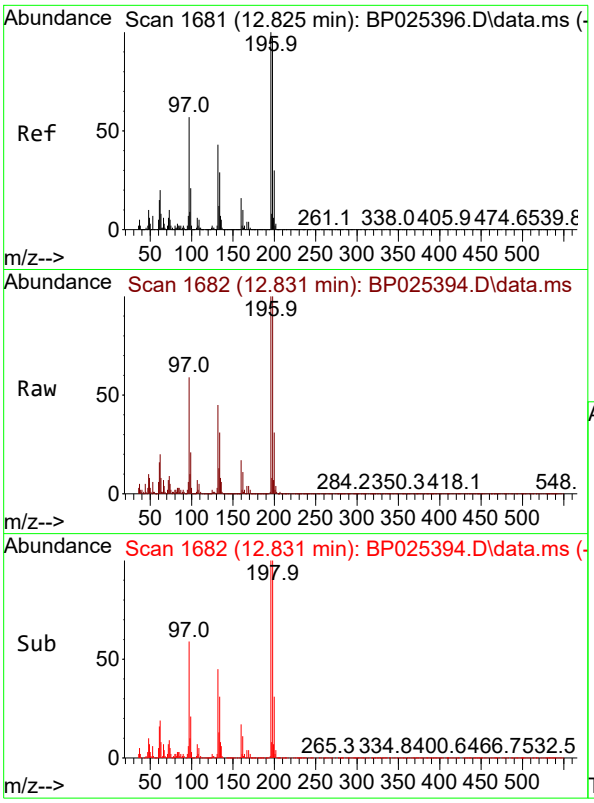


#42
2,4,6-Tribromophenol
Concen: 19.210 ng
RT: 15.919 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:330 Resp: 99083

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.3	115.9
141	33.1	26.6	39.8

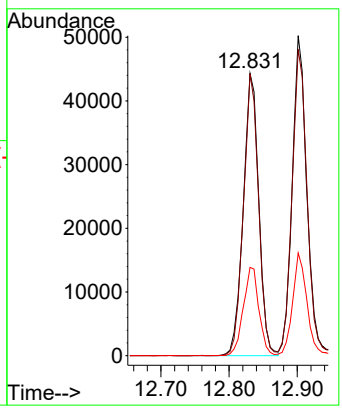




#43
2,4,6-Trichlorophenol
Concen: 9.339 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:196 Resp: 6978

Ion	Ratio	Lower	Upper
196	100		
198	99.9	77.2	115.8
200	31.3	23.9	35.9



Instrument :
BNA_P
ClientSampleId :
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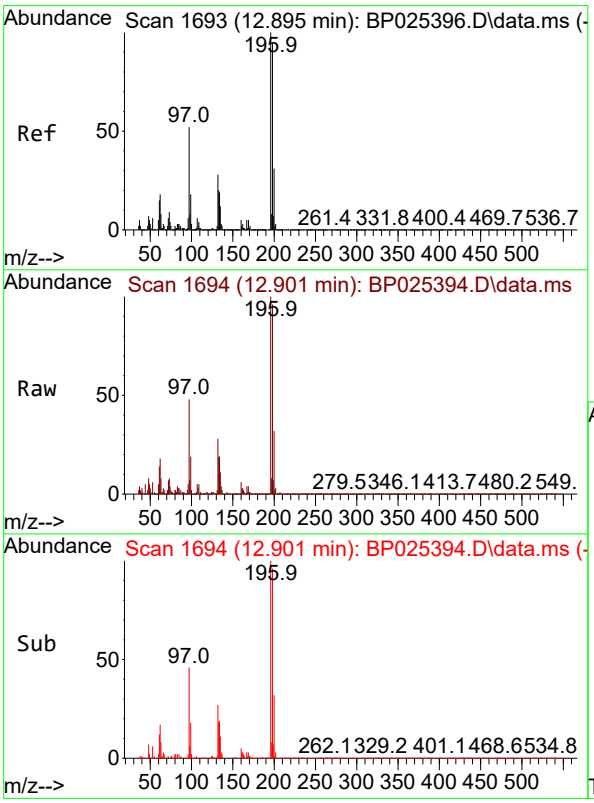
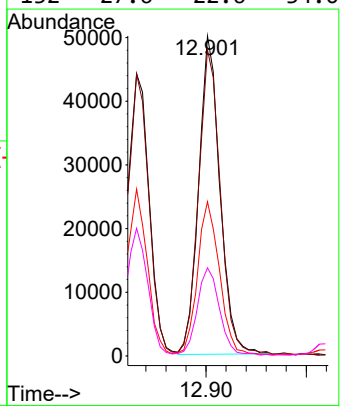
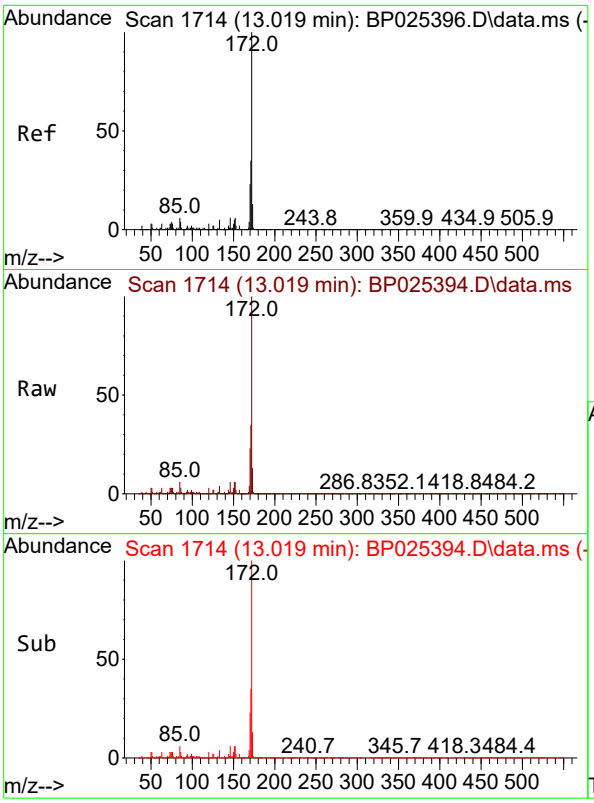


#44
2,4,5-Trichlorophenol
Concen: 9.006 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:196 Resp: 73744

Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.2	114.2
97	48.2	41.2	61.8
132	27.6	22.6	34.0

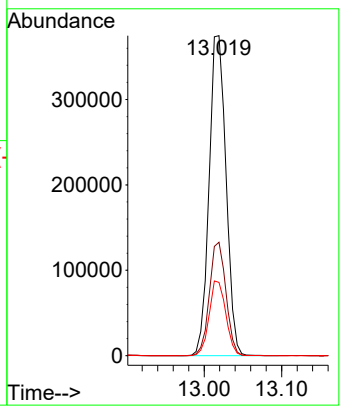




#45
2-Fluorobiphenyl
Concen: 20.271 ng
RT: 13.019 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:172 Resp: 56835

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.1	42.1
170	22.9	18.6	28.0



Instrument :
BNA_P
ClientSampleId :
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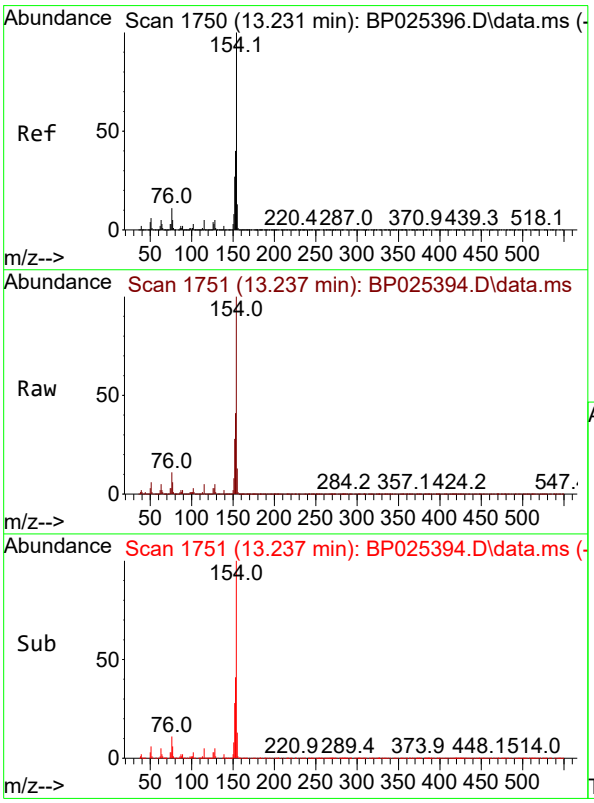
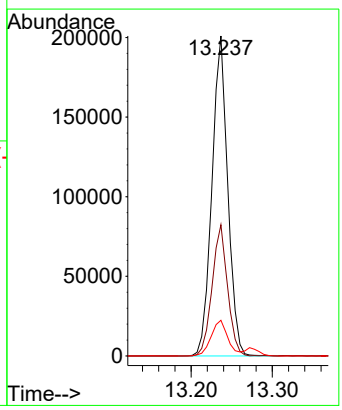
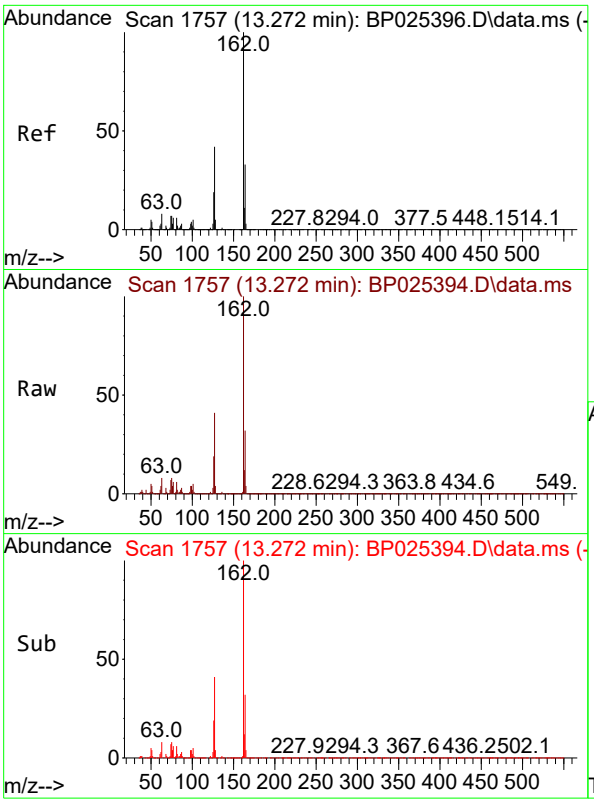


#46
1,1'-Biphenyl
Concen: 9.763 ng
RT: 13.237 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:154 Resp: 271710

Ion	Ratio	Lower	Upper
154	100		
153	41.0	19.5	59.5
76	11.2	0.0	31.1

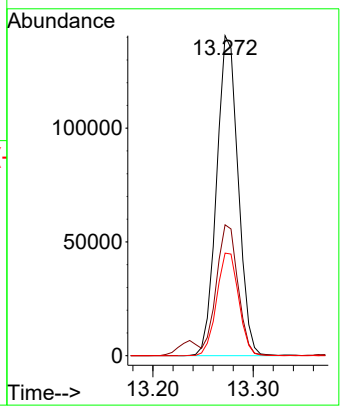




#47
2-Chloronaphthalene
Concen: 9.666 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:162 Resp: 20941

Ion	Ratio	Lower	Upper
162	100		
127	40.9	33.4	50.2
164	32.0	26.2	39.2



Instrument :
BNA_P
ClientSampleId :
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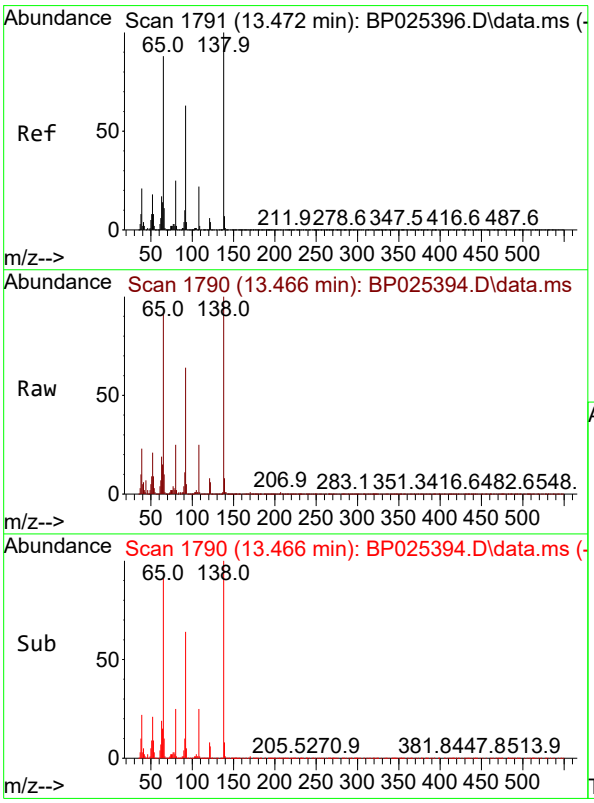
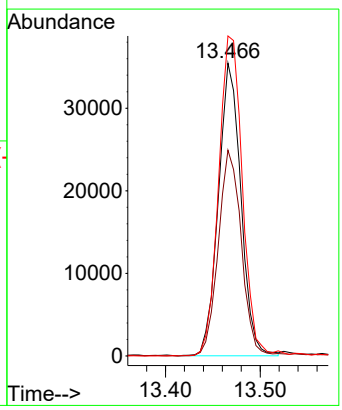
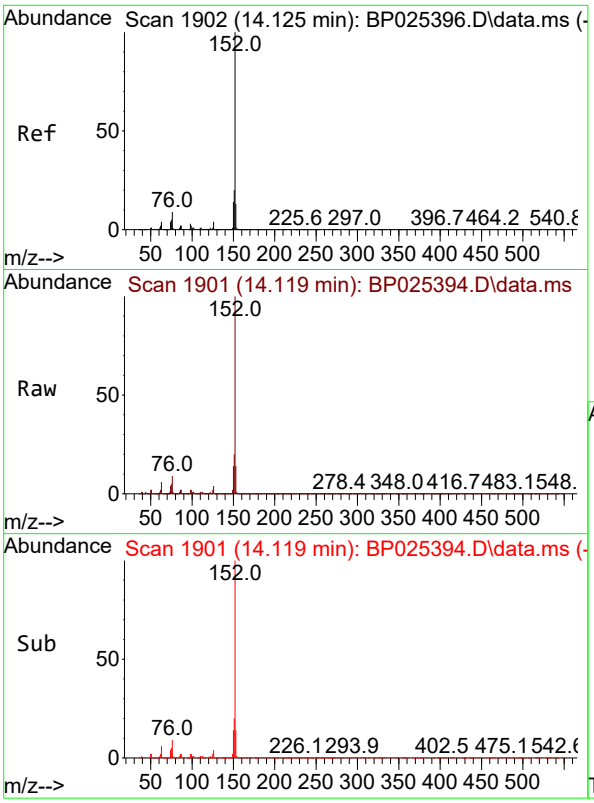


#48
2-Nitroaniline
Concen: 9.287 ng
RT: 13.466 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 65 Resp: 58630

Ion	Ratio	Lower	Upper
65	100		
92	70.3	57.6	86.4
138	109.3	91.0	136.6

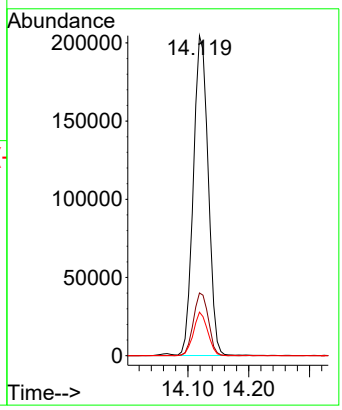




#49
Acenaphthylene
Concen: 9.652 ng
RT: 14.119 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:152 Resp: 34602

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.0	24.0
153	13.6	10.6	15.8



Instrument :
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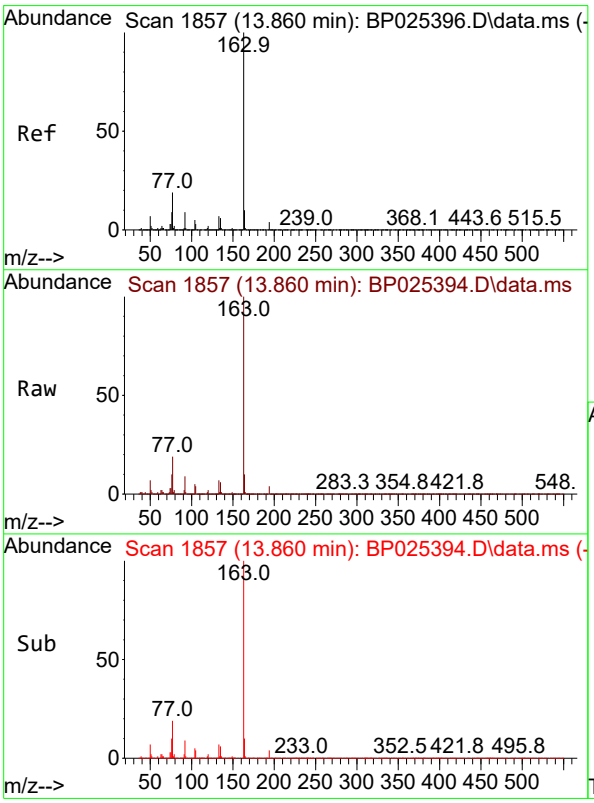
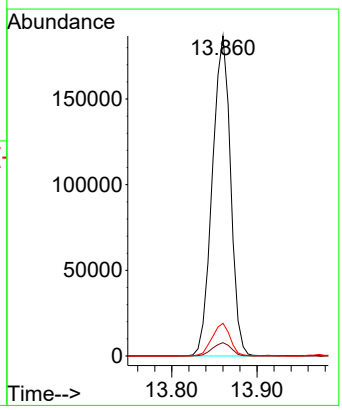
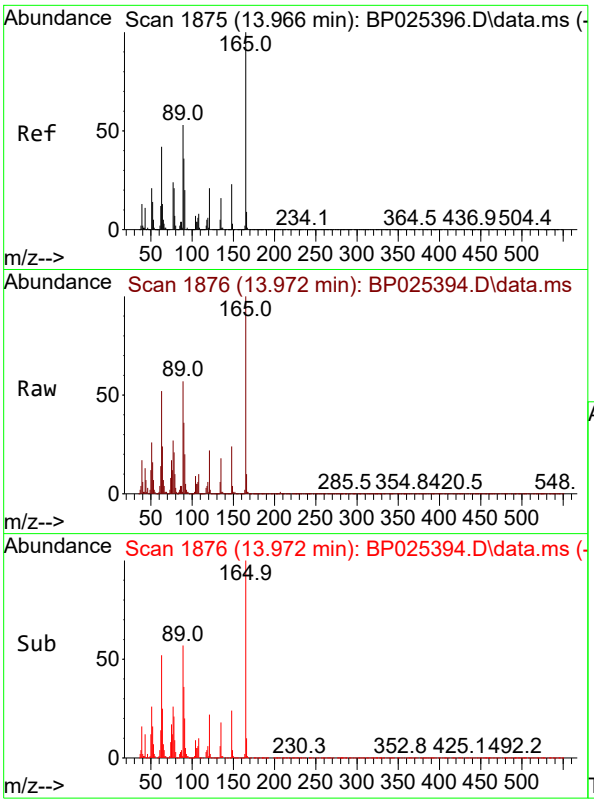


#50
Dimethylphthalate
Concen: 9.896 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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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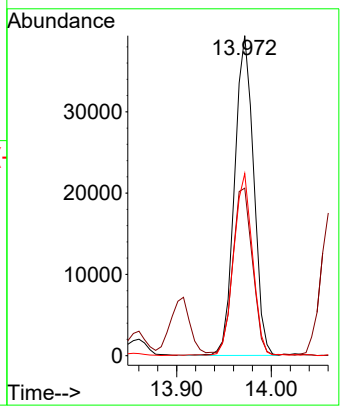
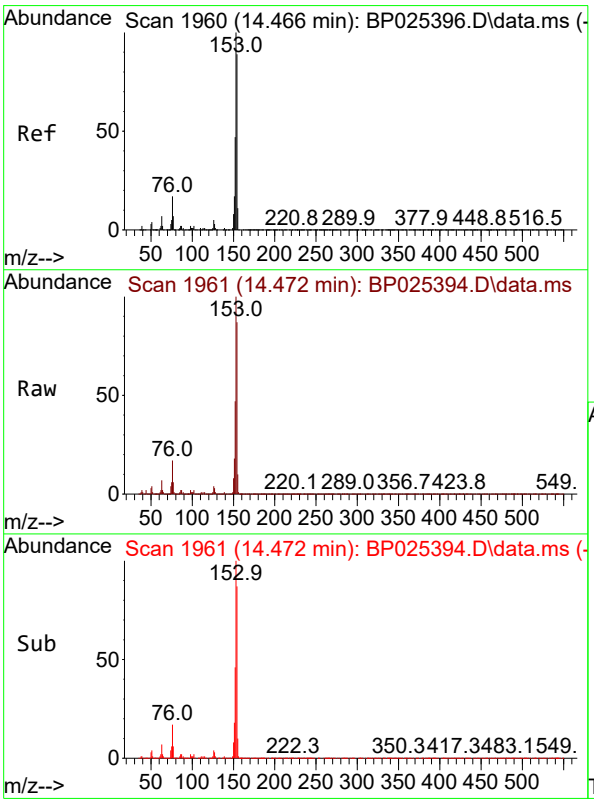
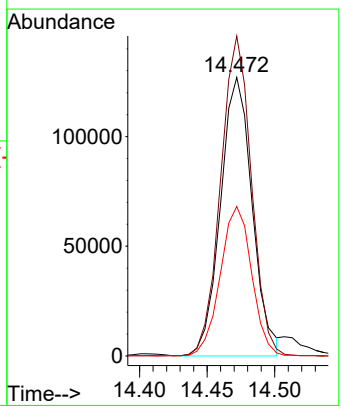


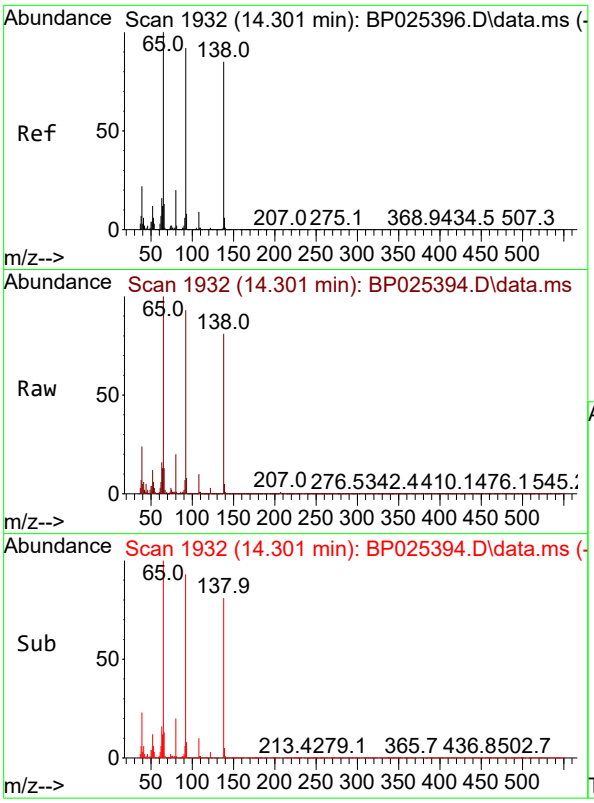


#52
Acenaphthene
Concen: 9.848 ng m
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
BNA_P
ClientSampleId :
SSTDICC010

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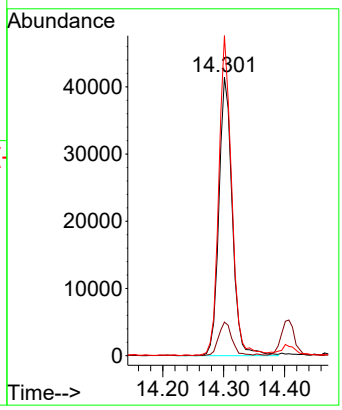
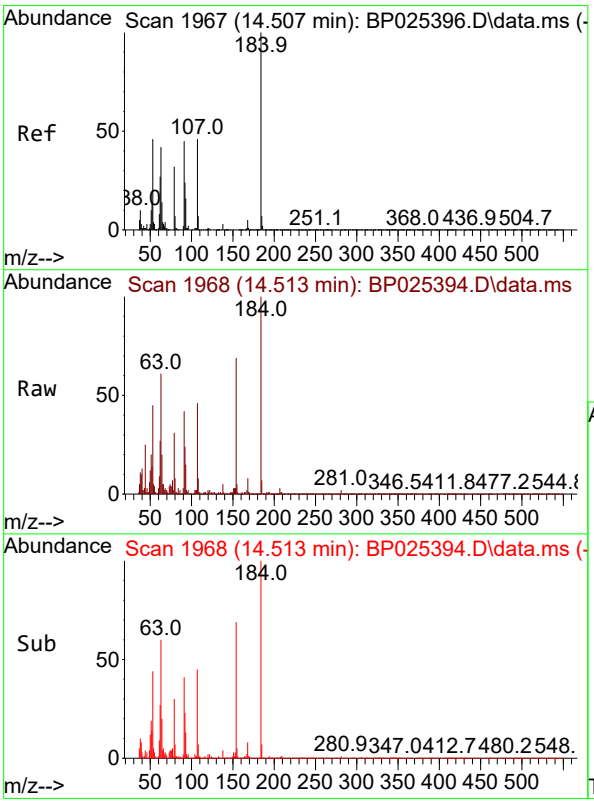
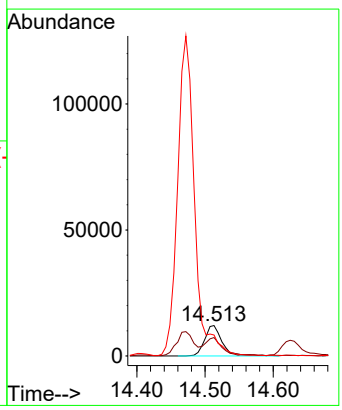


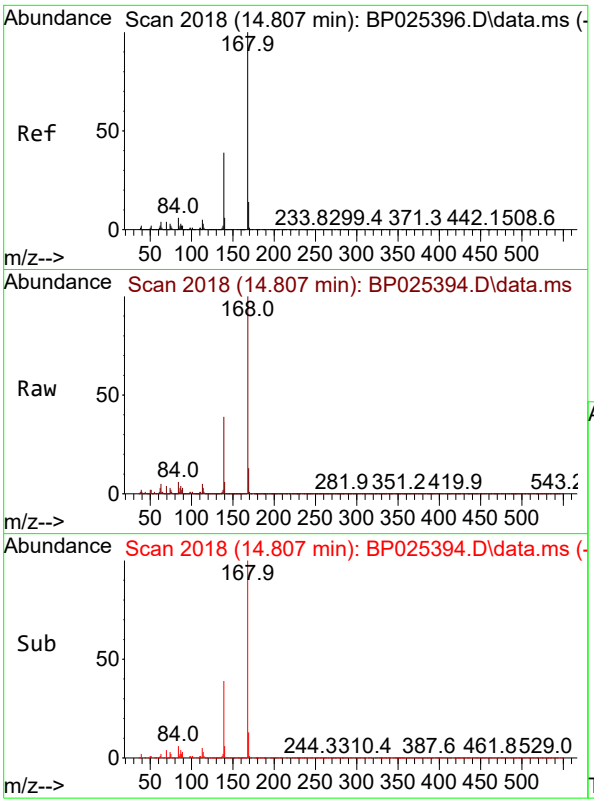


#54
2,4-Dinitrophenol
Concen: 6.886 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

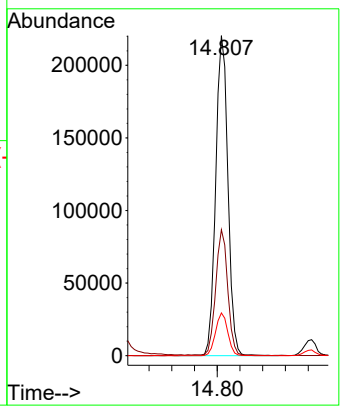




#55
Dibenzofuran
Concen: 9.851 ng
RT: 14.807 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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



Instrument :
BNA_P
ClientSampleId :
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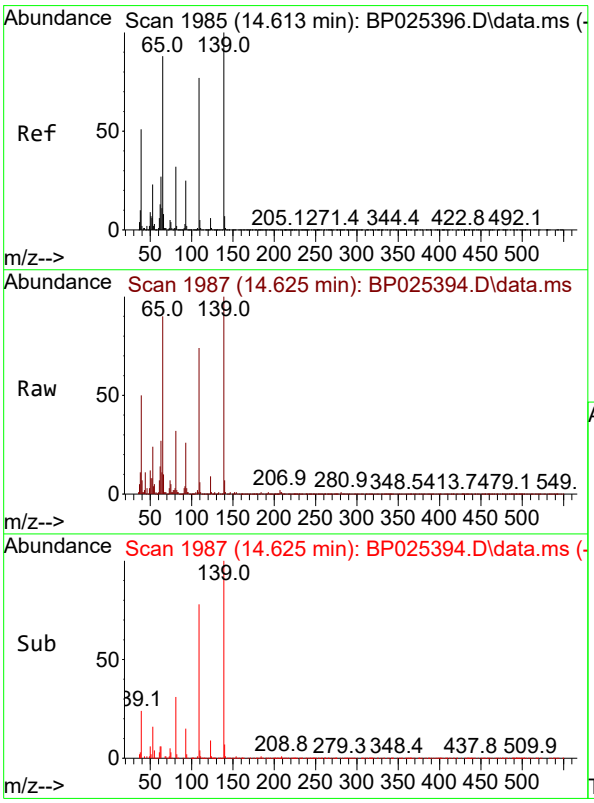
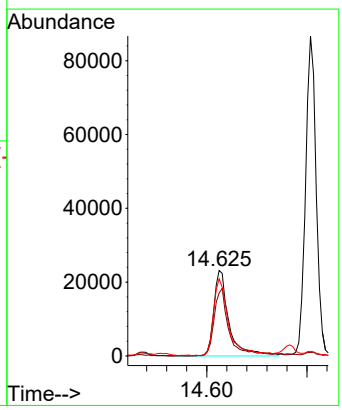
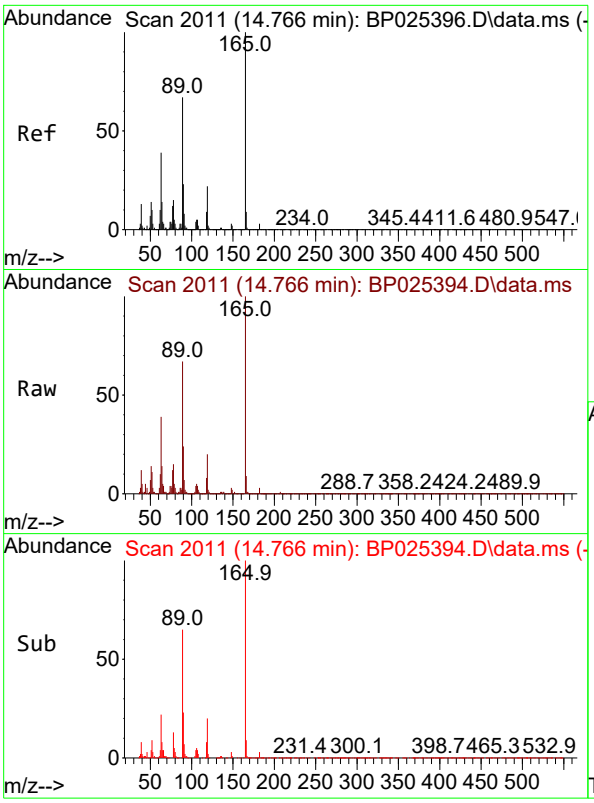


#56
4-Nitrophenol
Concen: 8.797 ng
RT: 14.625 min Scan# 1987
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:139 Resp: 48103

Ion	Ratio	Lower	Upper
139	100		
109	73.8	56.6	96.6
65	90.2	68.2	108.2

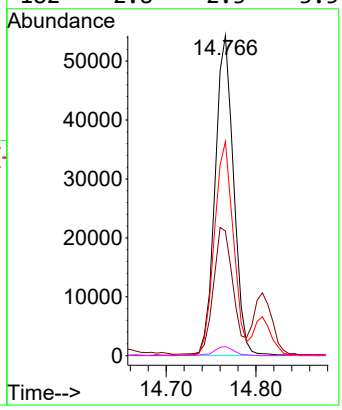




#57
2,4-Dinitrotoluene
Concen: 9.237 ng
RT: 14.766 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:165 Resp: 7795

Ion	Ratio	Lower	Upper
165	100		
63	38.9	31.4	47.2
89	66.9	53.3	79.9
182	2.8	2.3	3.5



Instrument :
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ClientSampleId :
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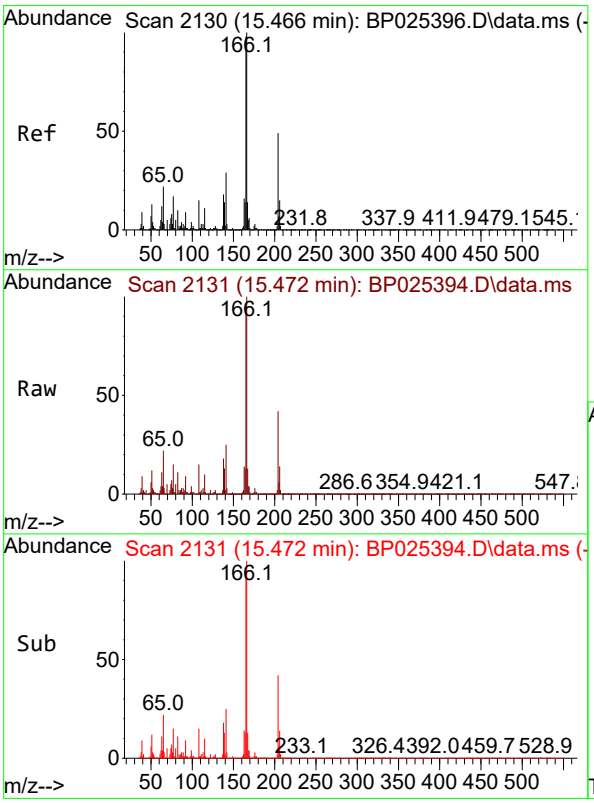
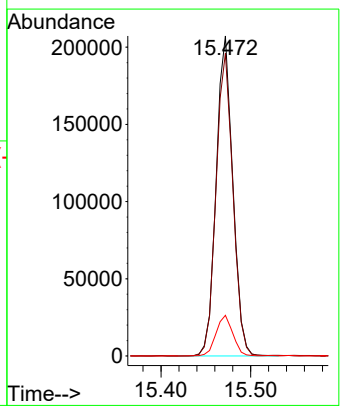
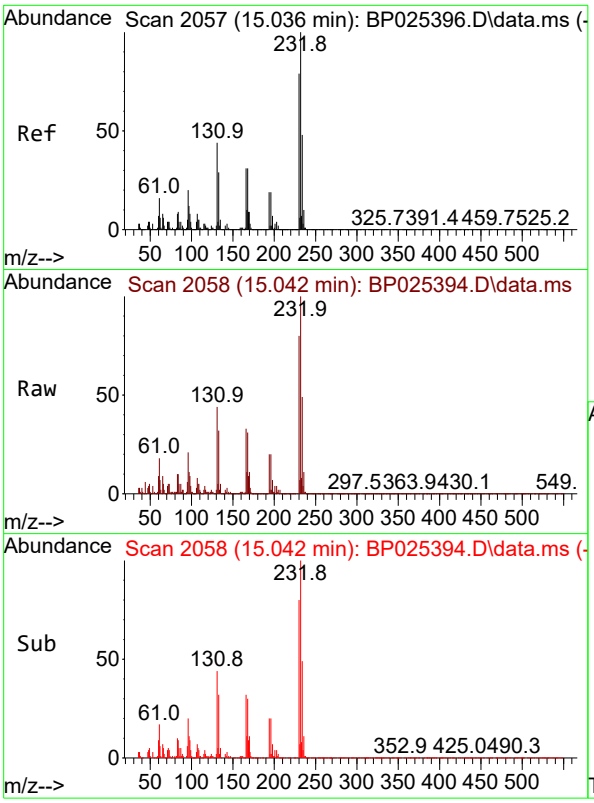


#58
Fluorene
Concen: 10.156 ng
RT: 15.472 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

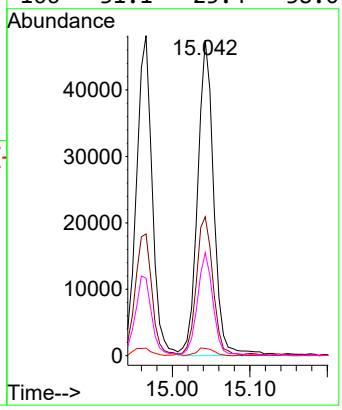




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.533 ng
RT: 15.042 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
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ClientSampleId :
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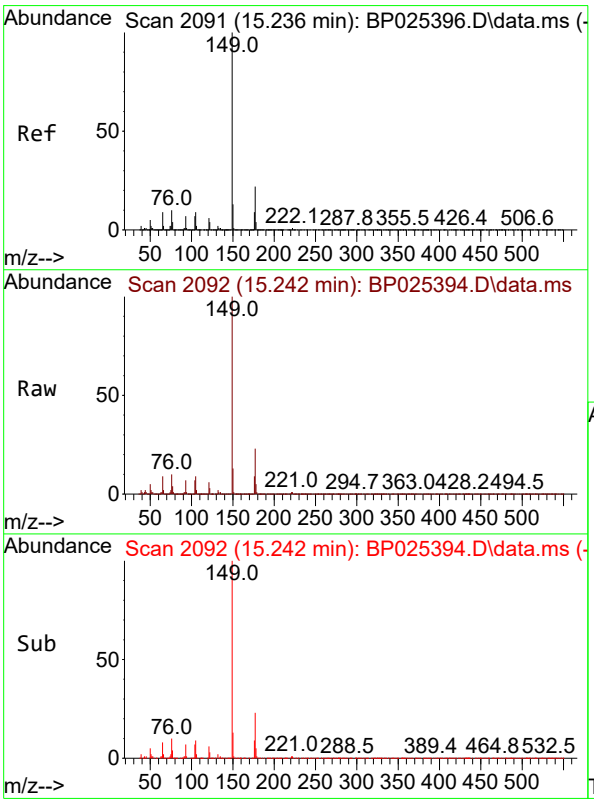
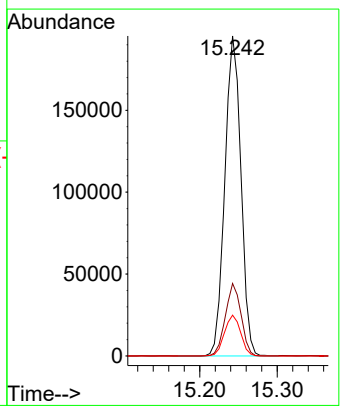
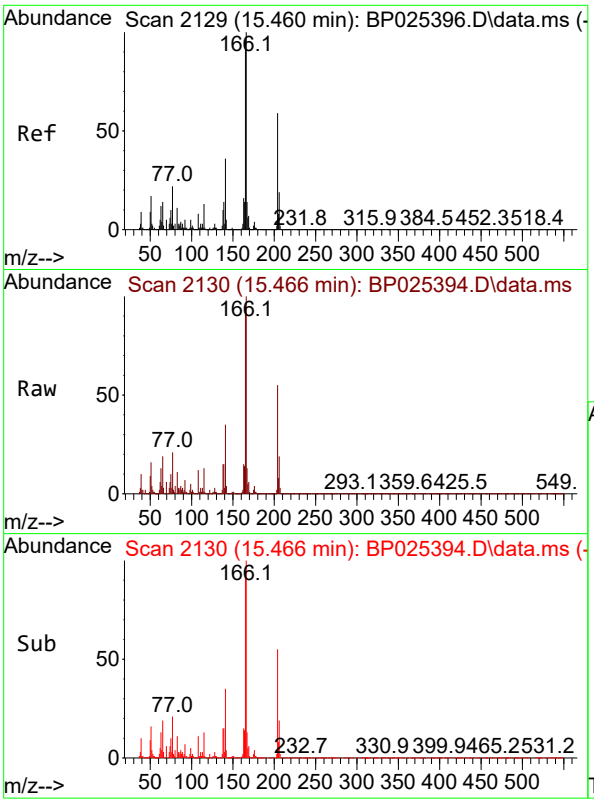


#60
Diethylphthalate
Concen: 9.909 ng
RT: 15.242 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
SSTDICC010

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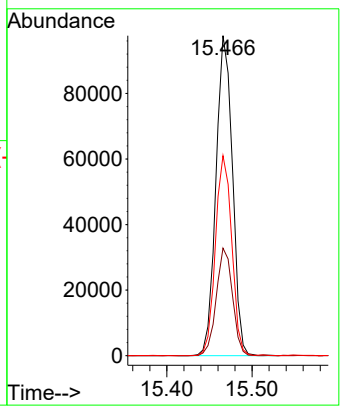
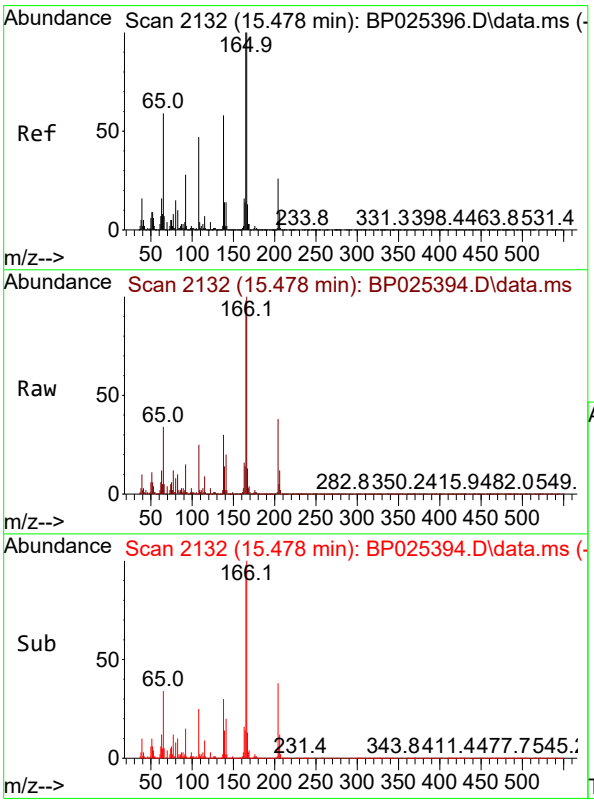
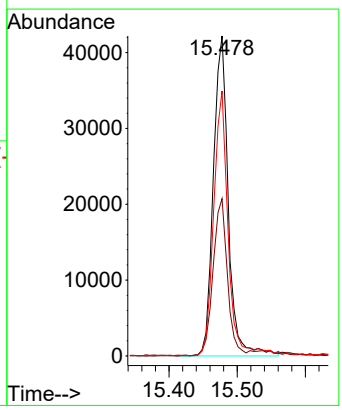


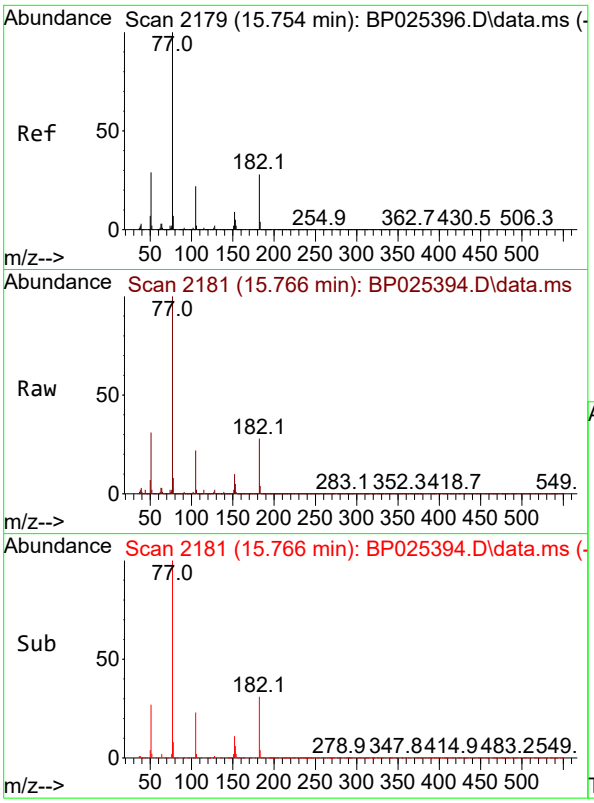


#62
4-Nitroaniline
Concen: 9.437 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:138 Resp: 64375

Ion	Ratio	Lower	Upper
138	100		
92	49.1	29.1	69.1
108	82.8	61.5	101.5

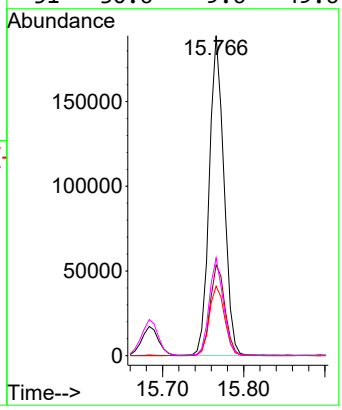




#63
Azobenzene
Concen: 9.620 ng
RT: 15.766 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 77 Resp: 23487

Ion	Ratio	Lower	Upper
77	100		
182	28.3	7.5	47.5
105	21.7	2.1	42.1
51	30.6	9.6	49.6



Instrument :
BNA_P
ClientSampleId :
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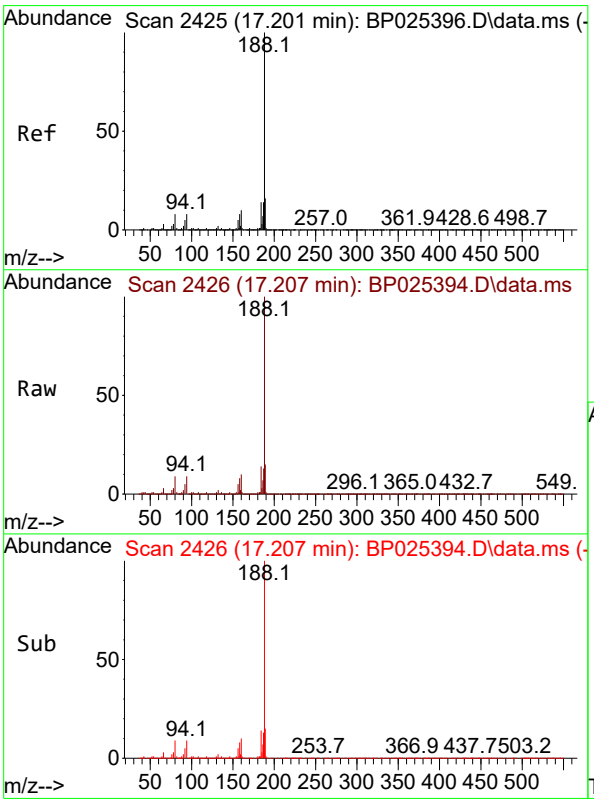
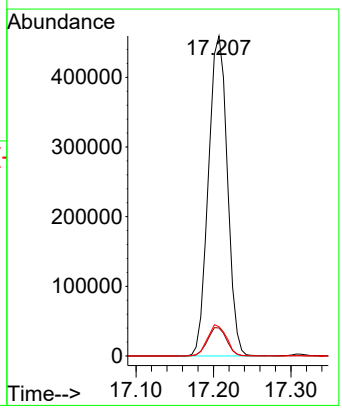
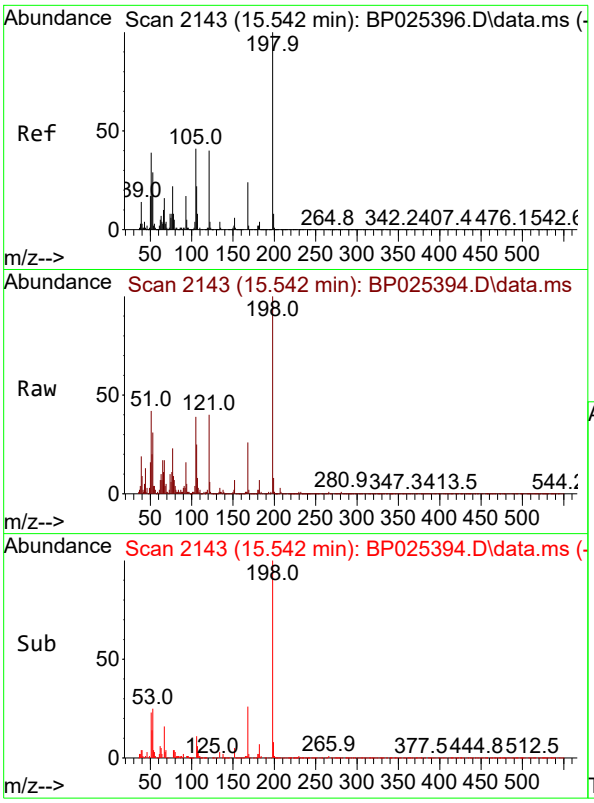


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:188 Resp: 780940

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	9.1	6.7	10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 7.679 ng
RT: 15.542 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:198 Resp: 3738

Ion	Ratio	Lower	Upper
198	100		
51	42.0	19.6	59.6
105	39.4	20.9	60.9

Instrument :
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ClientSampleId :
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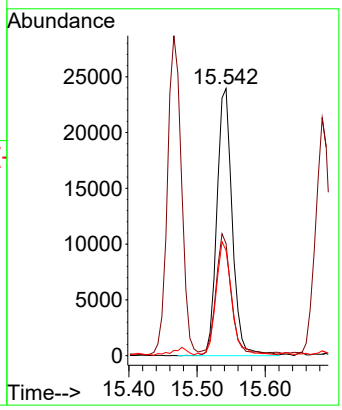
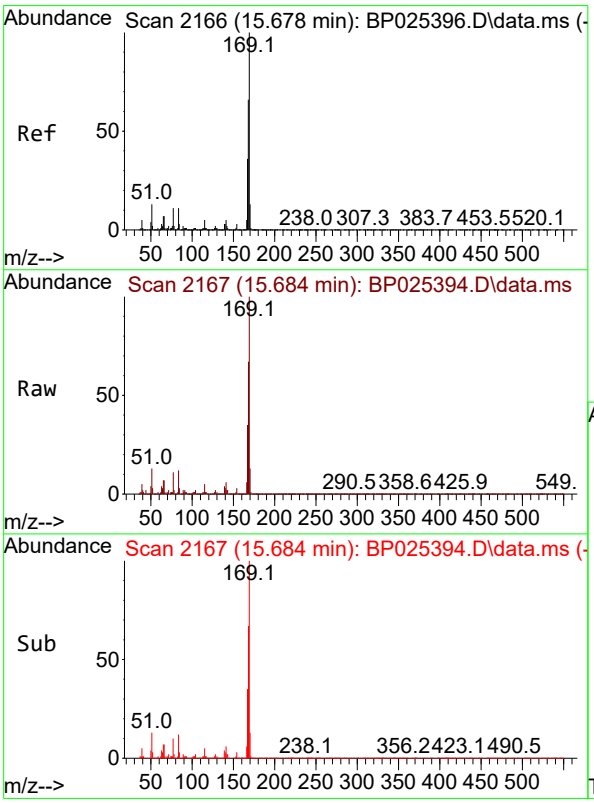
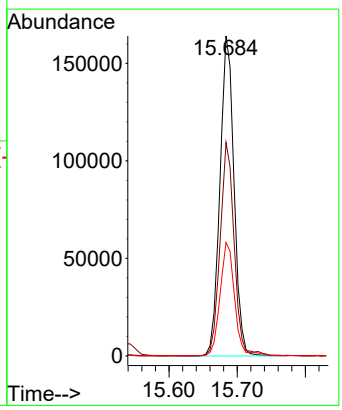


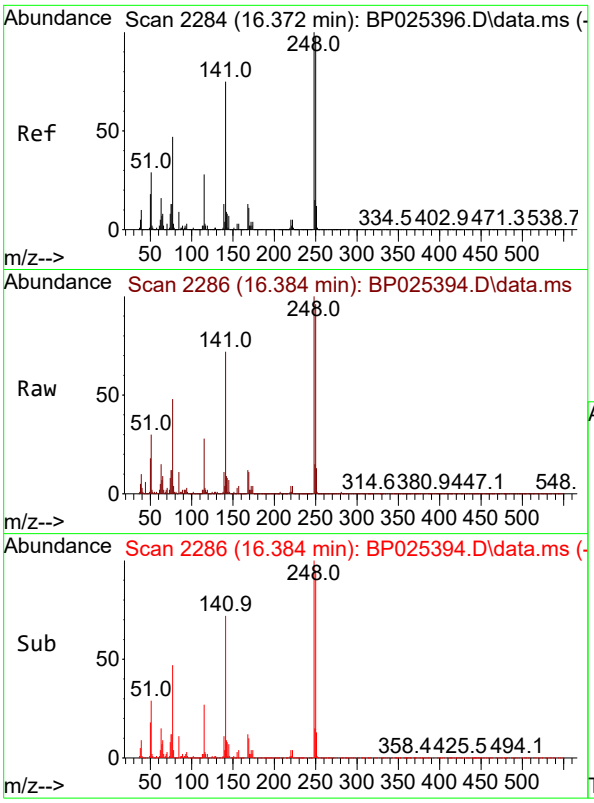


#66
n-Nitrosodiphenylamine
Concen: 9.883 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

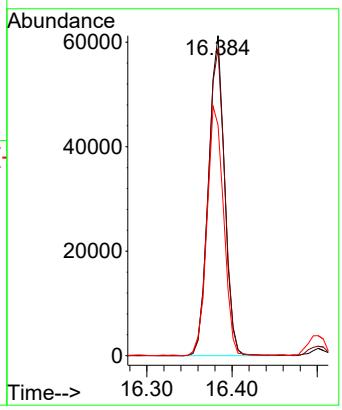




#67
4-Bromophenyl-phenylether
Concen: 9.358 ng
RT: 16.384 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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



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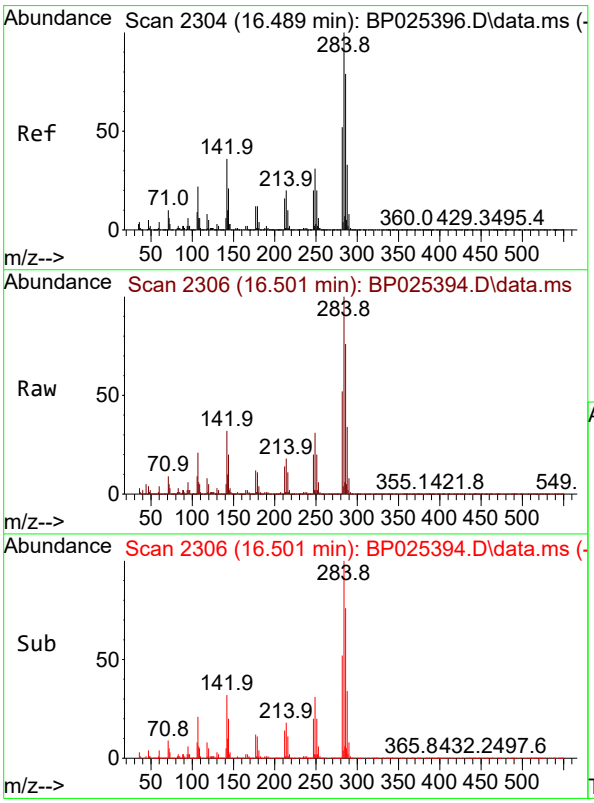
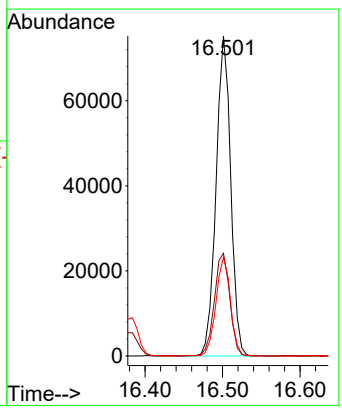
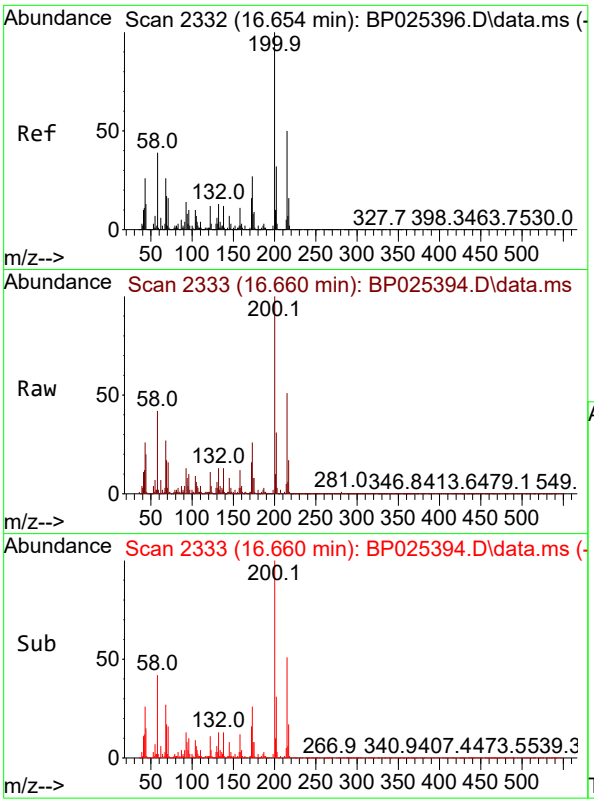


#68
Hexachlorobenzene
Concen: 9.905 ng
RT: 16.501 min Scan# 2306
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:284 Resp: 98614

Ion	Ratio	Lower	Upper
284	100		
142	32.1	29.1	43.7
249	30.8	25.0	37.4

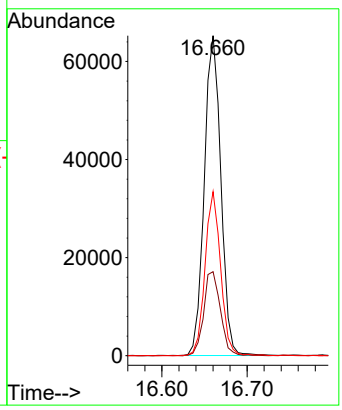




#69
Atrazine
Concen: 9.894 ng
RT: 16.660 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:200 Resp: 8824

Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.7	46.7
215	51.3	29.7	69.7



Instrument :
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ClientSampleId :
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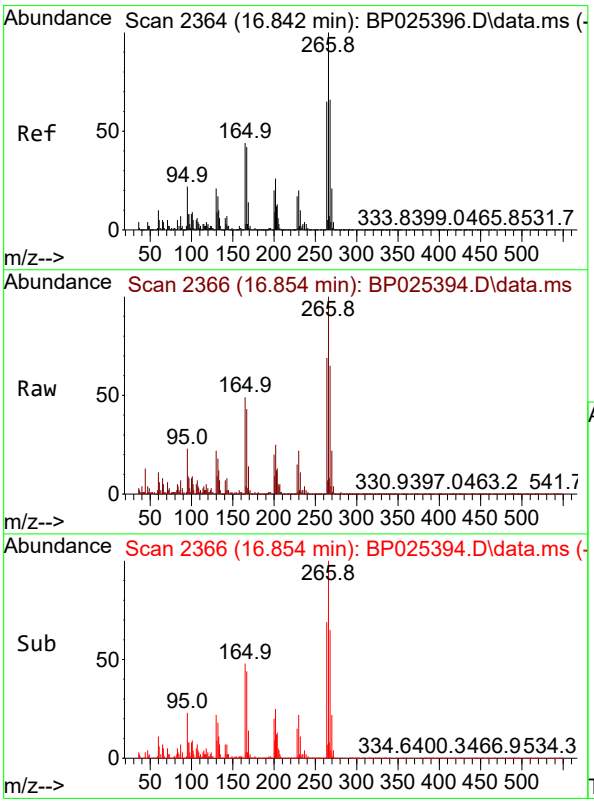
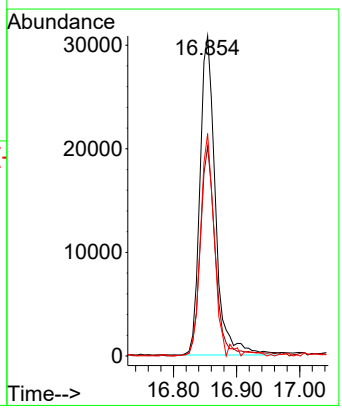
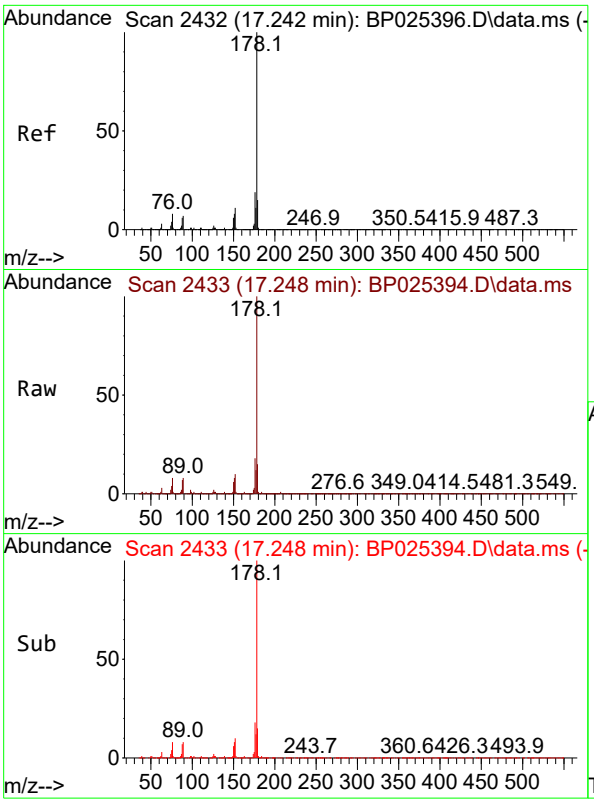


#70
Pentachlorophenol
Concen: 8.360 ng
RT: 16.854 min Scan# 2366
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:266 Resp: 52539

Ion	Ratio	Lower	Upper
266	100		
268	65.4	52.6	79.0
264	69.5	52.0	78.0

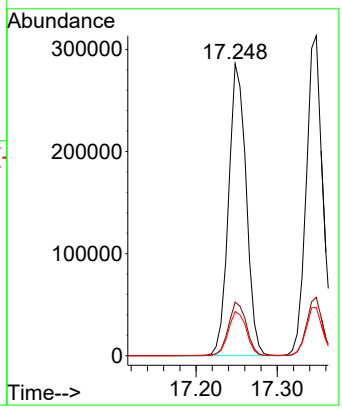




#71
Phenanthrene
Concen: 10.018 ng
RT: 17.248 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:178 Resp: 42975

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.5	23.3
179	15.1	12.2	18.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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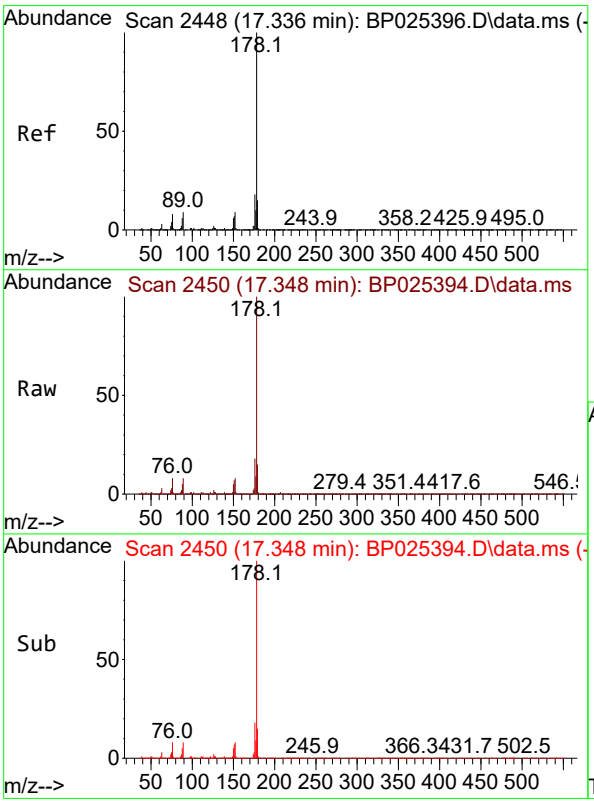
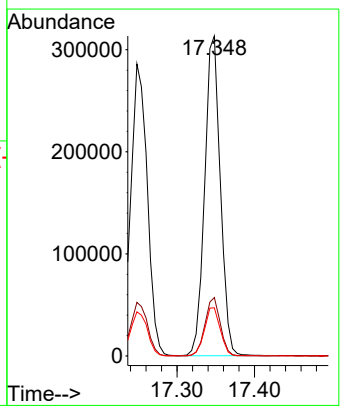
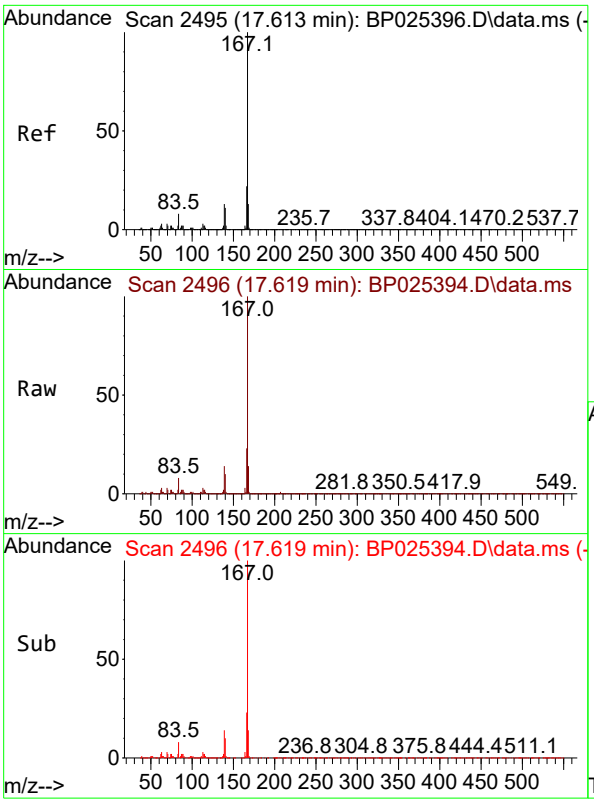


#72
Anthracene
Concen: 10.020 ng
RT: 17.348 min Scan# 2450
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

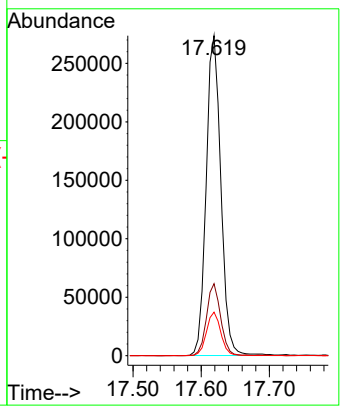




#73
Carbazole
Concen: 9.954 ng
RT: 17.619 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
BNA_P
ClientSampleId :
SSTDICC010

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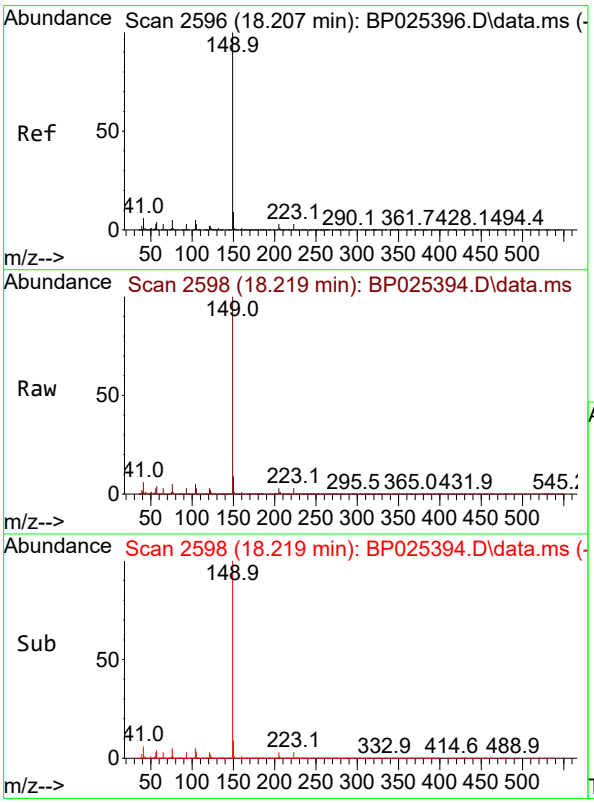
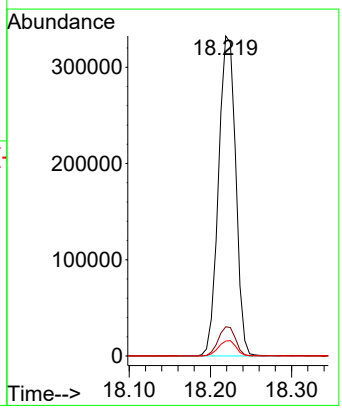
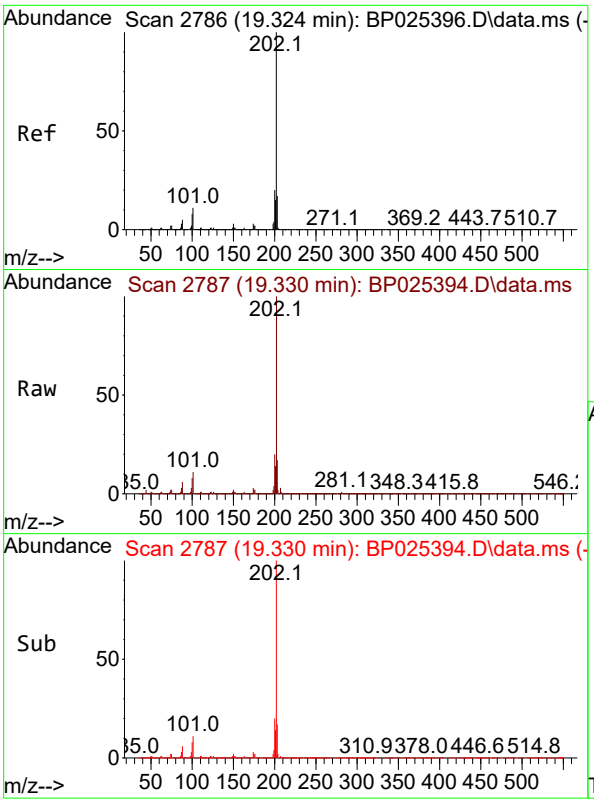


#74
Di-n-butylphthalate
Concen: 9.656 ng
RT: 18.219 min Scan# 2598
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

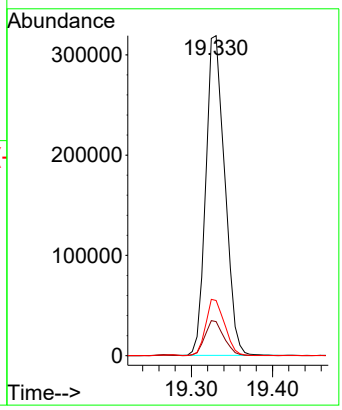




#75
Fluoranthene
Concen: 10.094 ng
RT: 19.330 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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



Instrument :
BNA_P
ClientSampleId :
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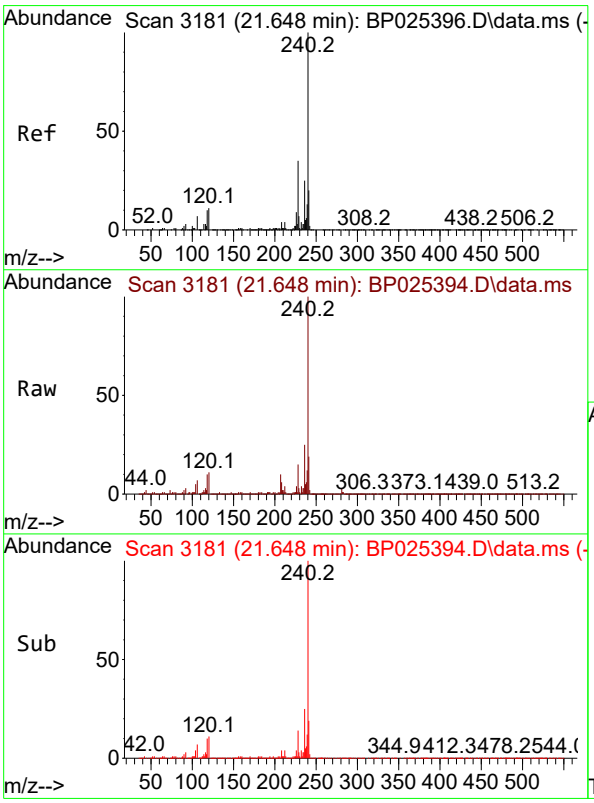
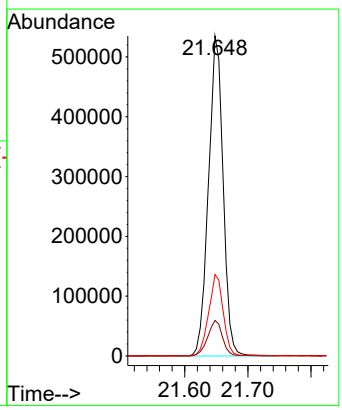
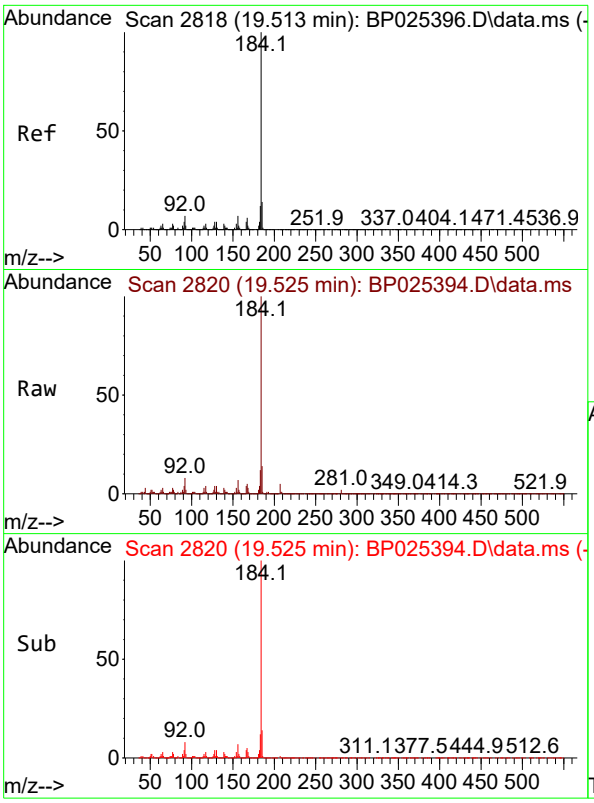


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

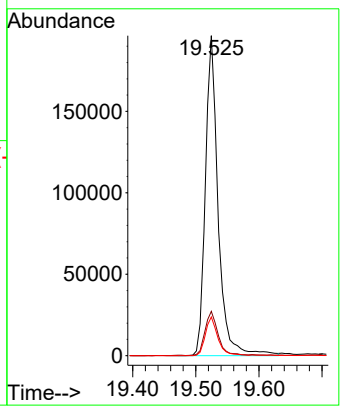




#77
Benzidine
Concen: 9.406 ng
RT: 19.525 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
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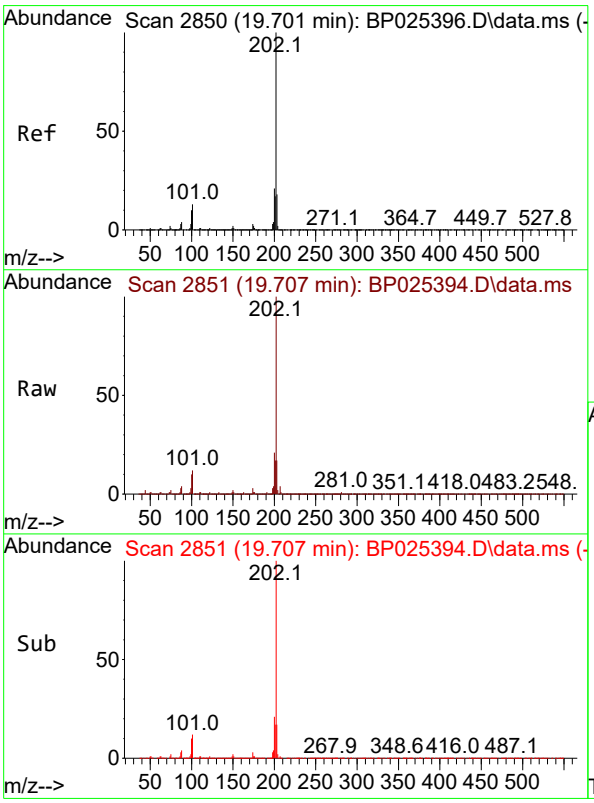
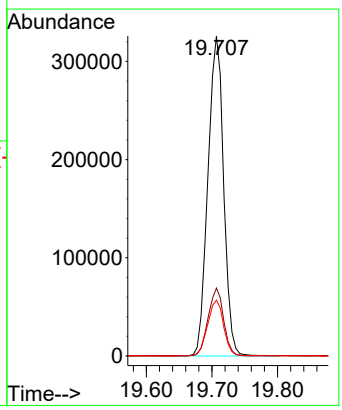
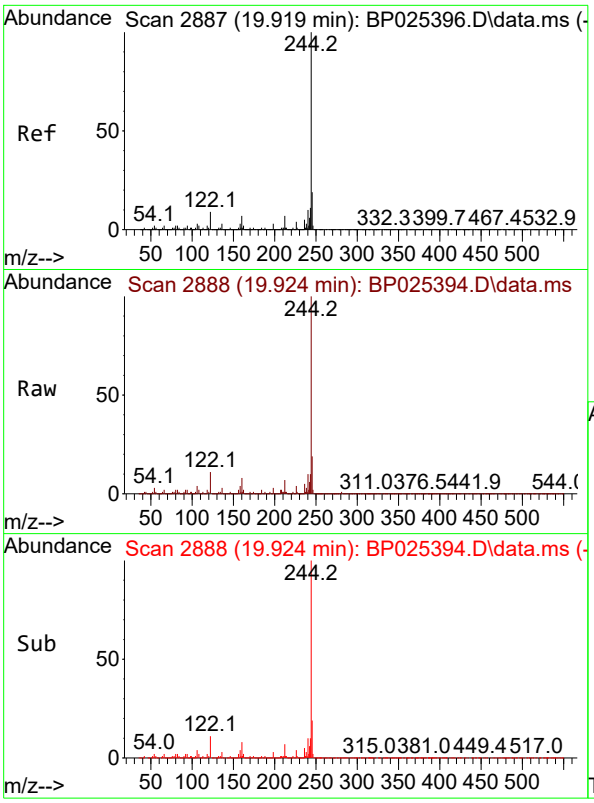


#78
Pyrene
Concen: 9.704 ng
RT: 19.707 min Scan# 2851
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:202 Resp: 542670

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.5	14.2	21.2

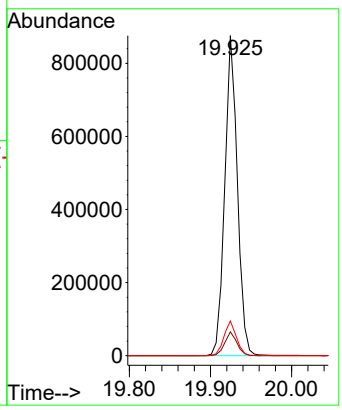




#79
Terphenyl-d14
Concen: 20.125 ng
RT: 19.924 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:244 Resp: 94642

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	10.9	7.4	11.2



Instrument :
BNA_P
ClientSampleId :
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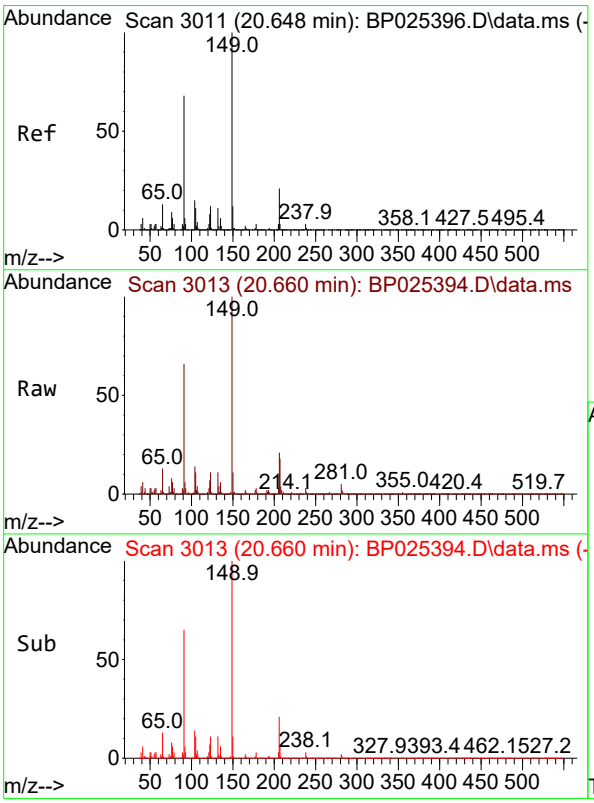
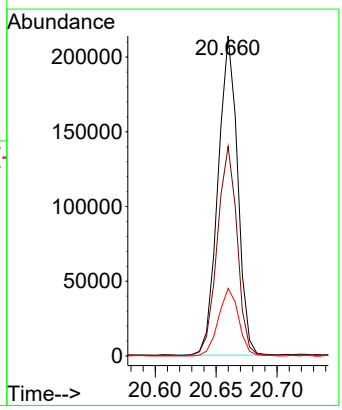
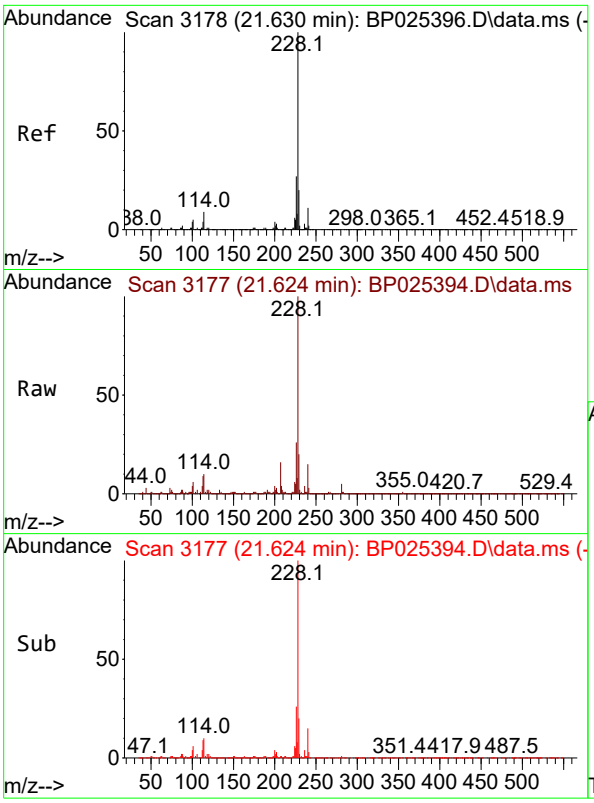


#80
Butylbenzylphthalate
Concen: 9.446 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:149 Resp: 239416

Ion	Ratio	Lower	Upper
149	100		
91	65.5	54.2	81.2
206	21.1	16.6	24.8

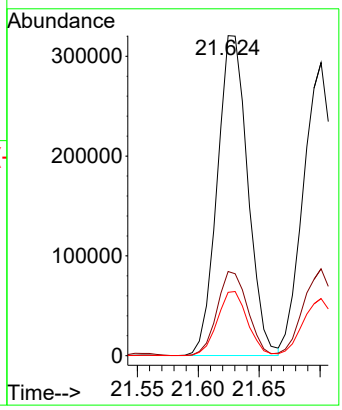




#81
Benzo(a)anthracene
Concen: 9.874 ng
RT: 21.624 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:228 Resp: 56027

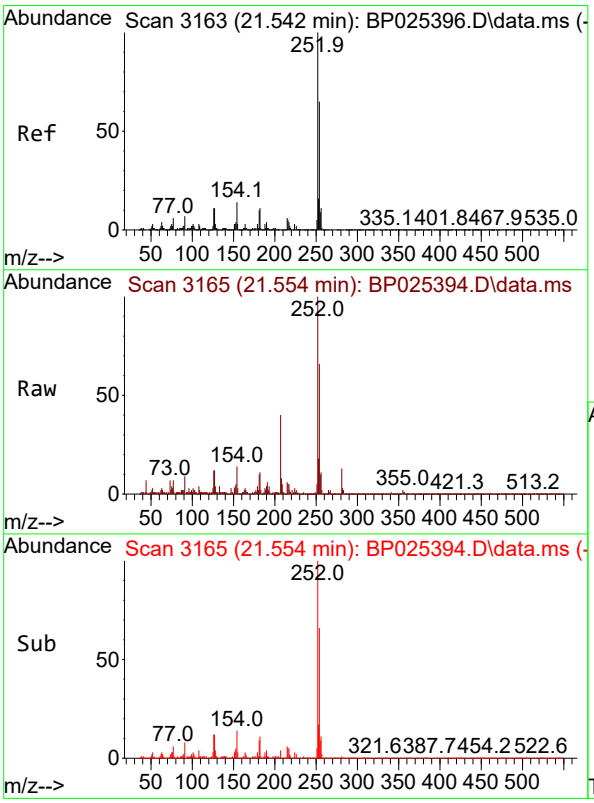
Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.7	32.5
229	19.8	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

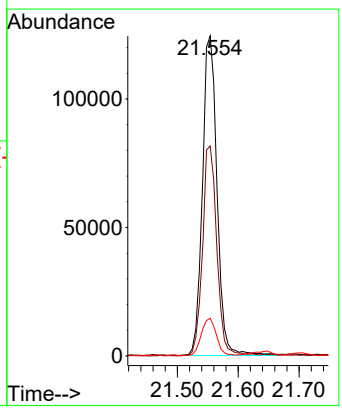
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

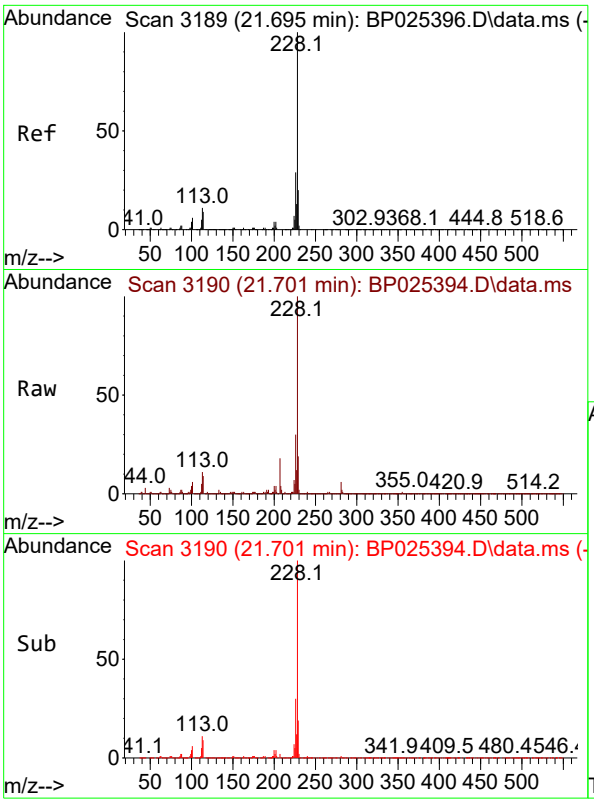


#82
3,3'-Dichlorobenzidine
Concen: 9.686 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

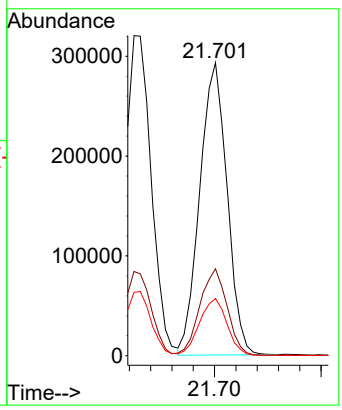




#83
Chrysene
Concen: 9.831 ng
RT: 21.701 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

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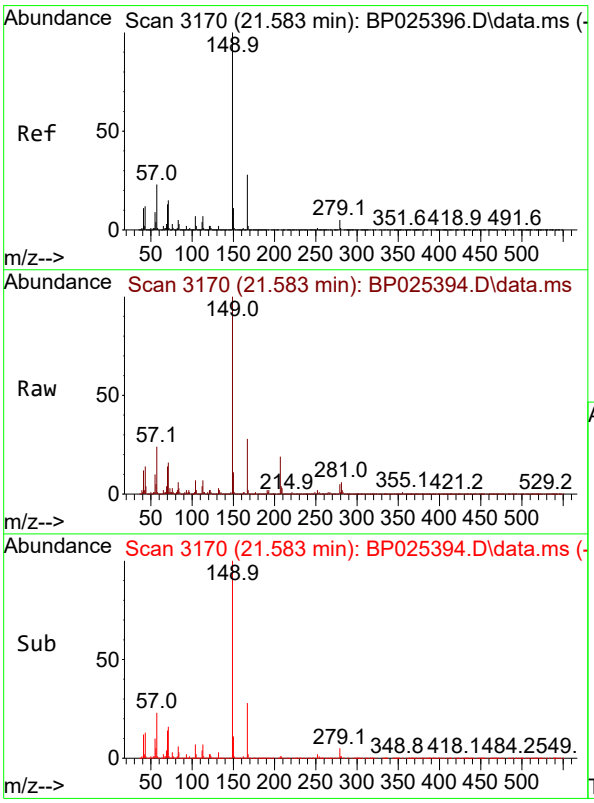
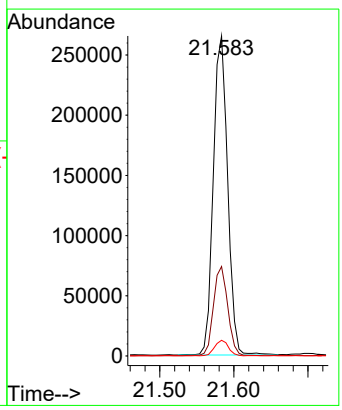
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

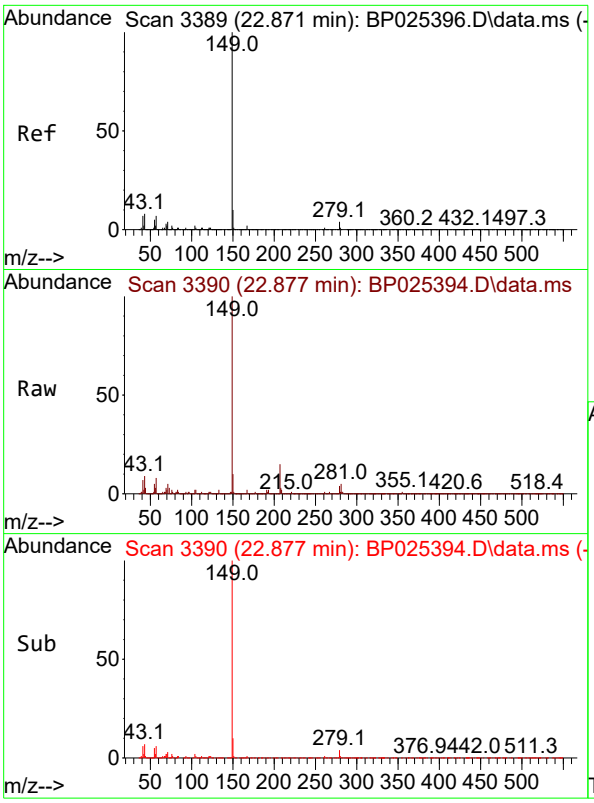


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.529 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

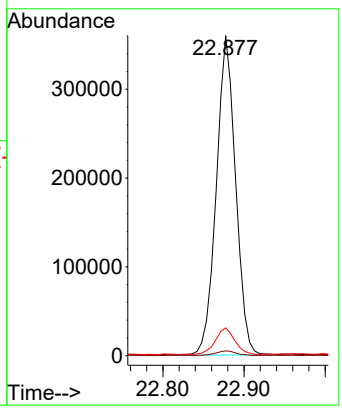




#85
Di-n-octyl phthalate
Concen: 9.259 ng
RT: 22.877 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

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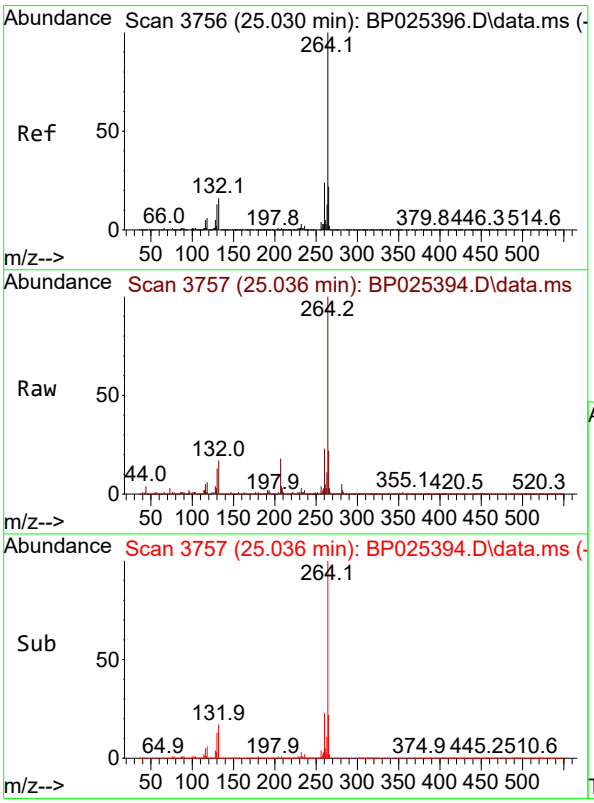
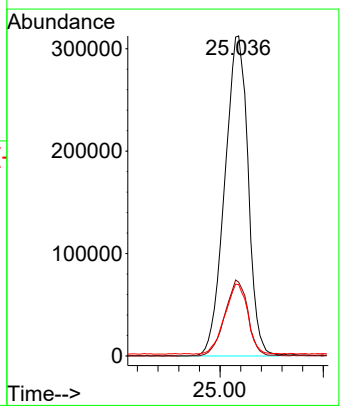
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

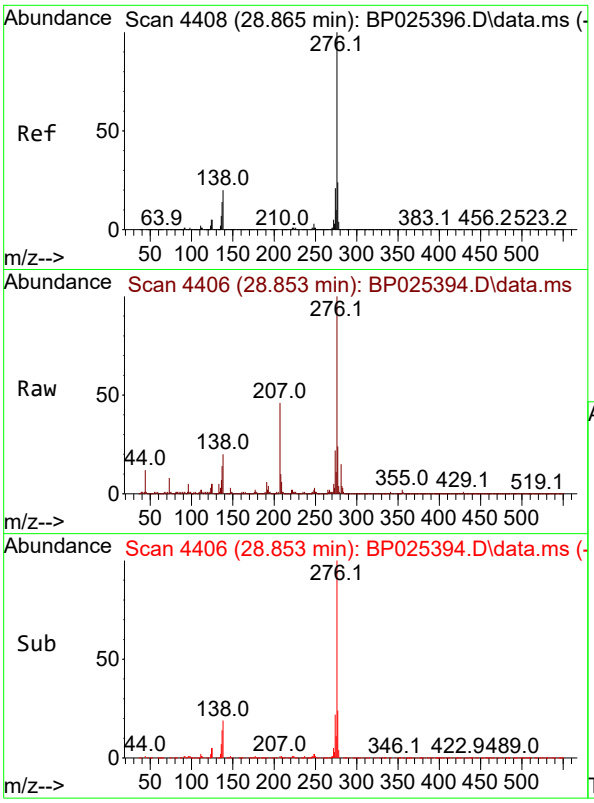


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

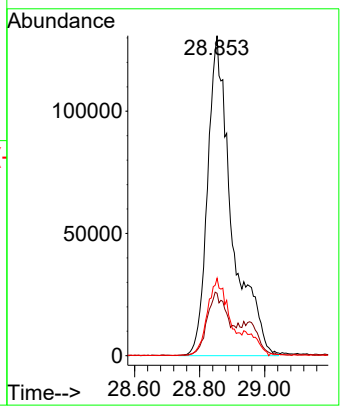




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.438 ng m
RT: 28.853 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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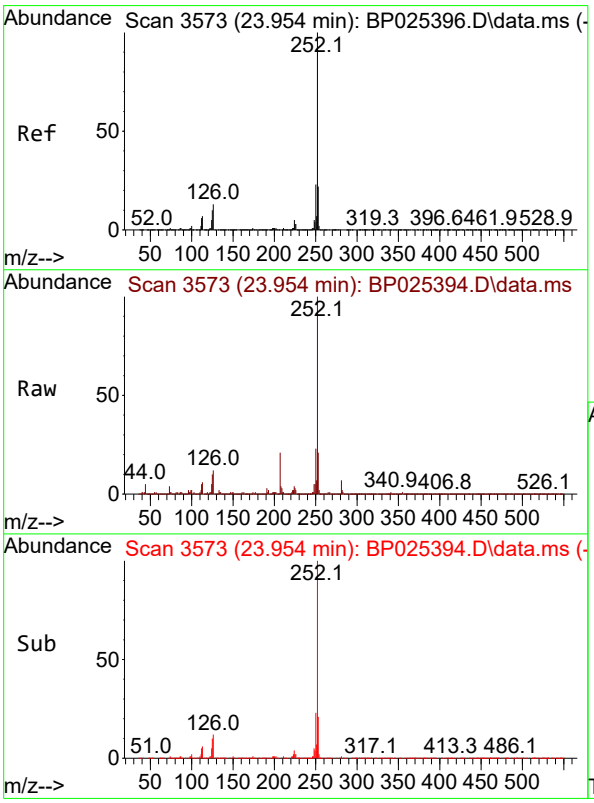
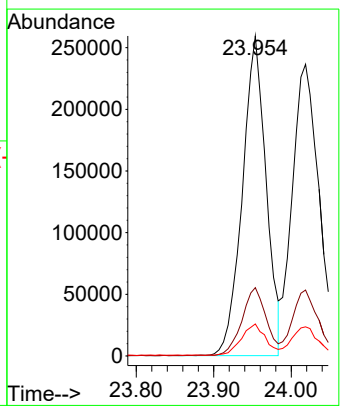
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

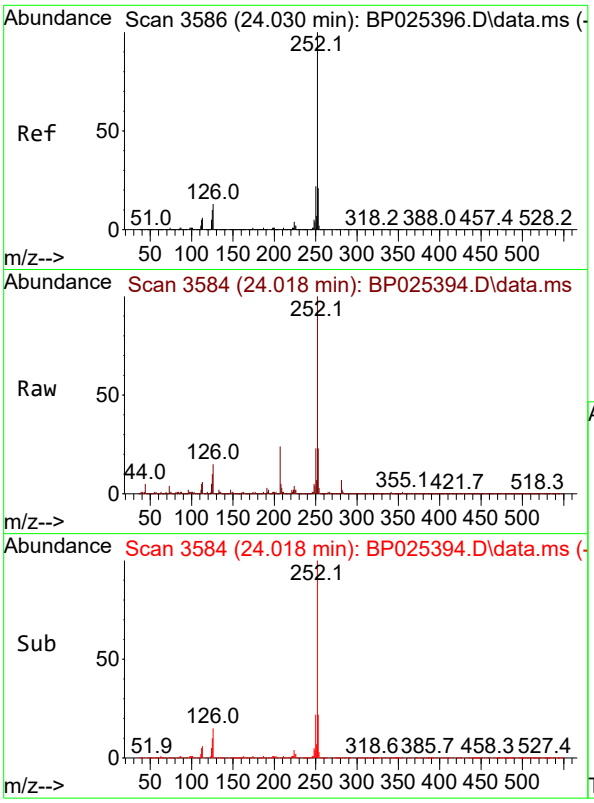


#88
Benzo(b)fluoranthene
Concen: 9.549 ng
RT: 23.954 min Scan# 3573
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

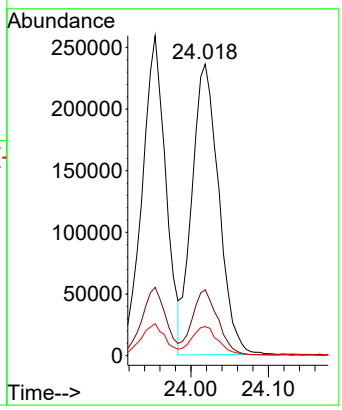




#89
Benzo(k)fluoranthene
Concen: 9.800 ng
RT: 24.018 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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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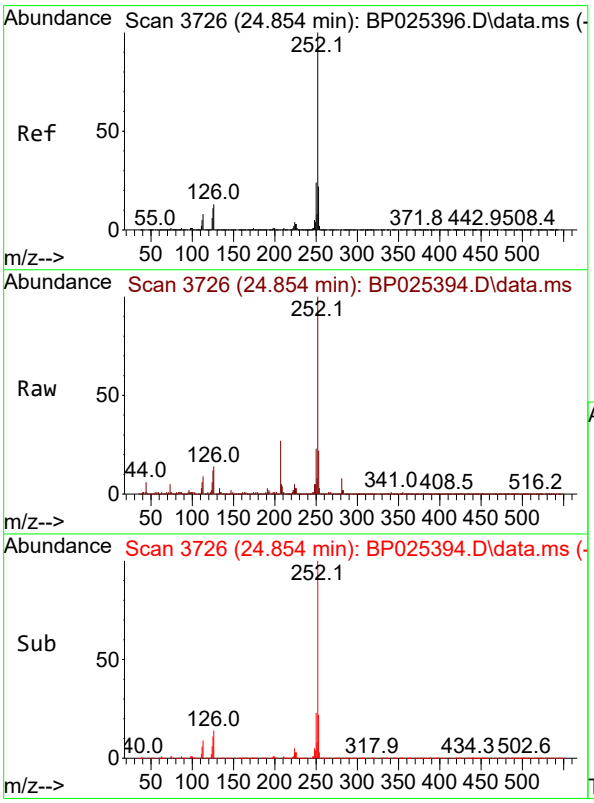
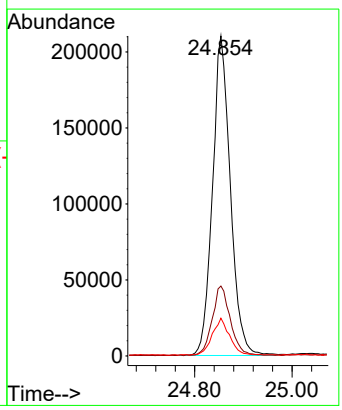
Supervised By :Jagrut Upadhyay 08/15/2025

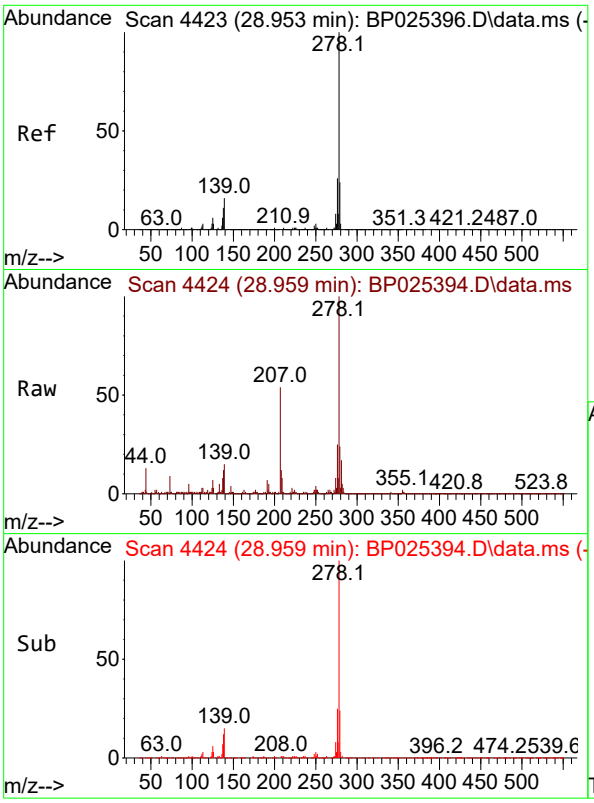


#90
Benzo(a)pyrene
Concen: 9.519 ng
RT: 24.854 min Scan# 3726
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:252 Resp: 535820

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	11.8	8.7	13.1

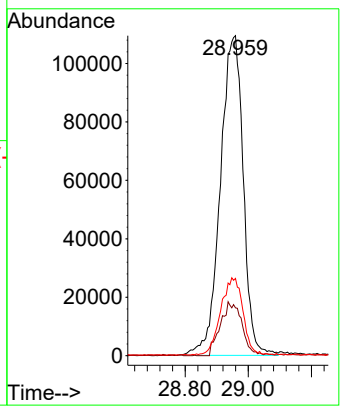




#91
Dibenzo(a,h)anthracene
Concen: 9.387 ng
RT: 28.959 min Scan# 44
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:278 Resp: 55169

Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.0	19.4
279	24.2	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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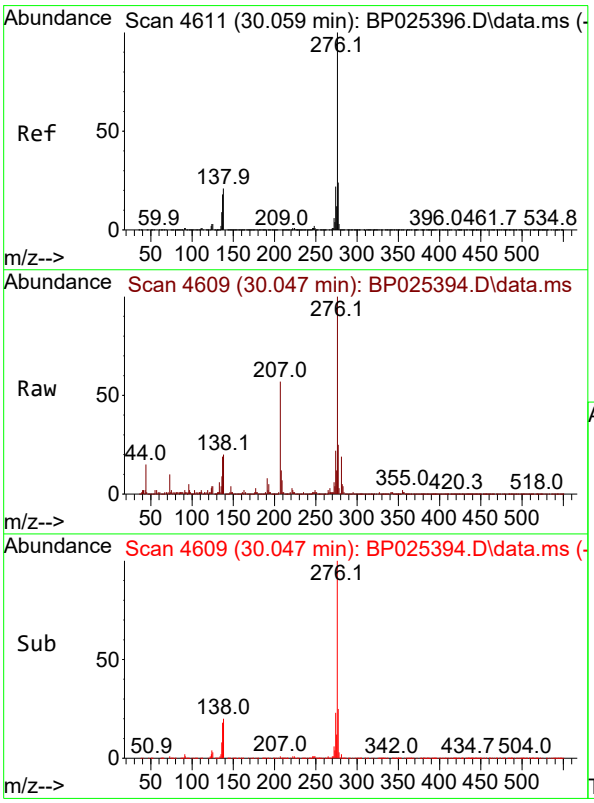
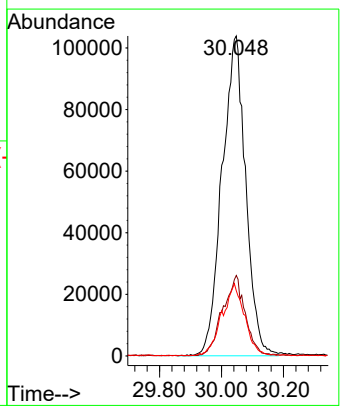
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 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

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

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

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

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

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

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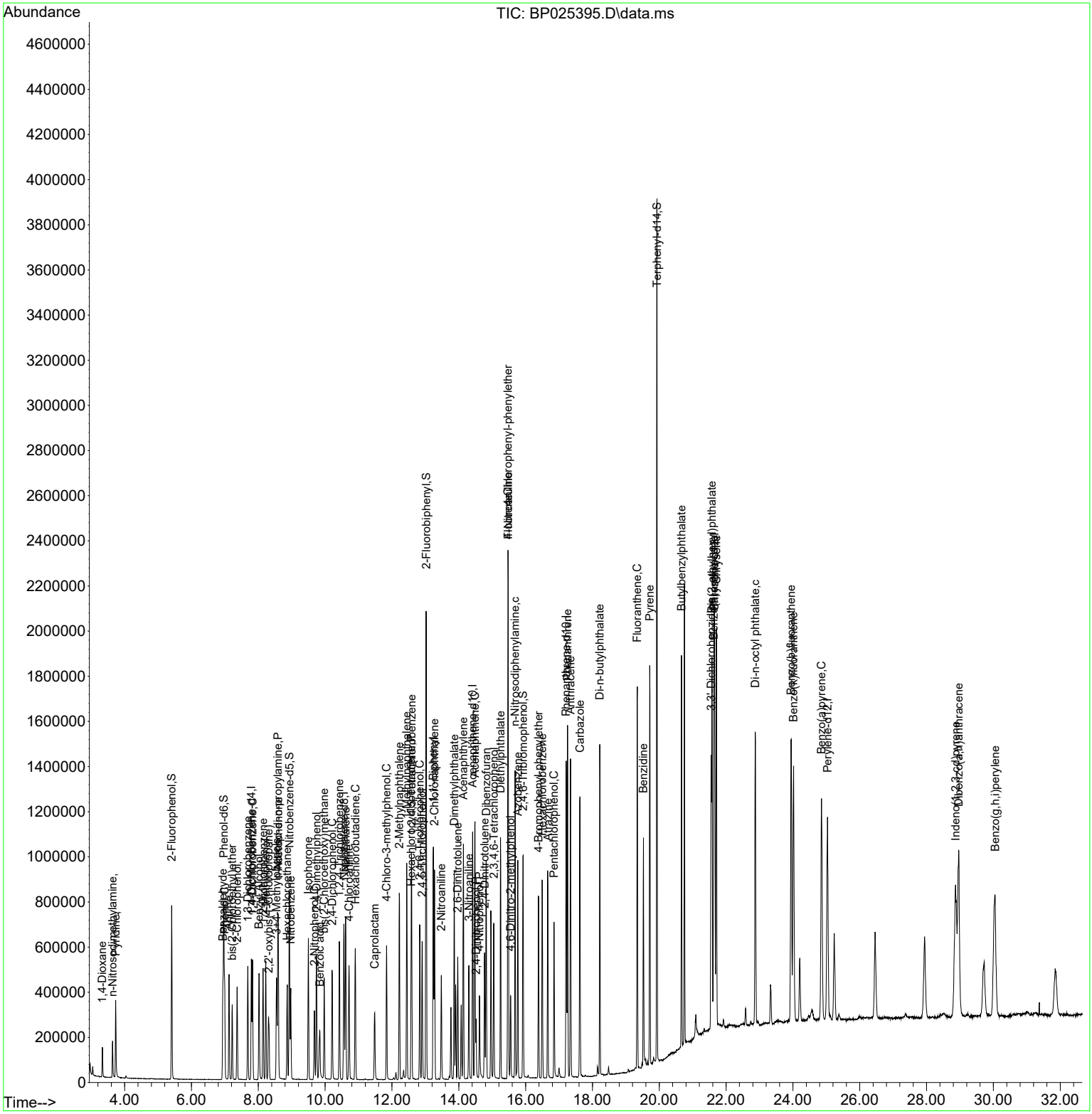
Data File : BP025395.D
Acq On : 14 Aug 2025 14:38
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

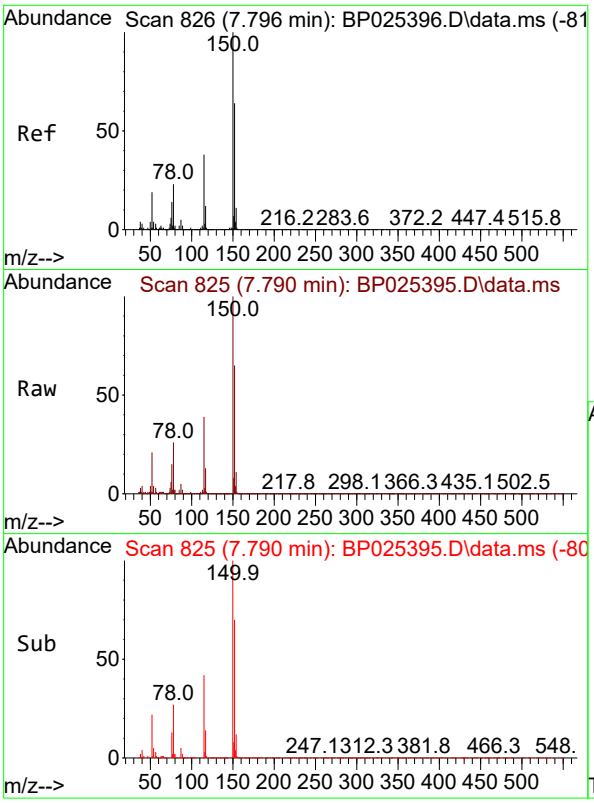
Quant Time: Aug 14 17:54:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

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

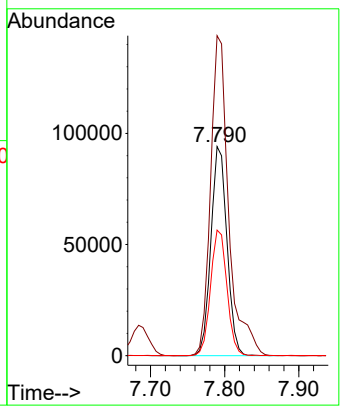




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

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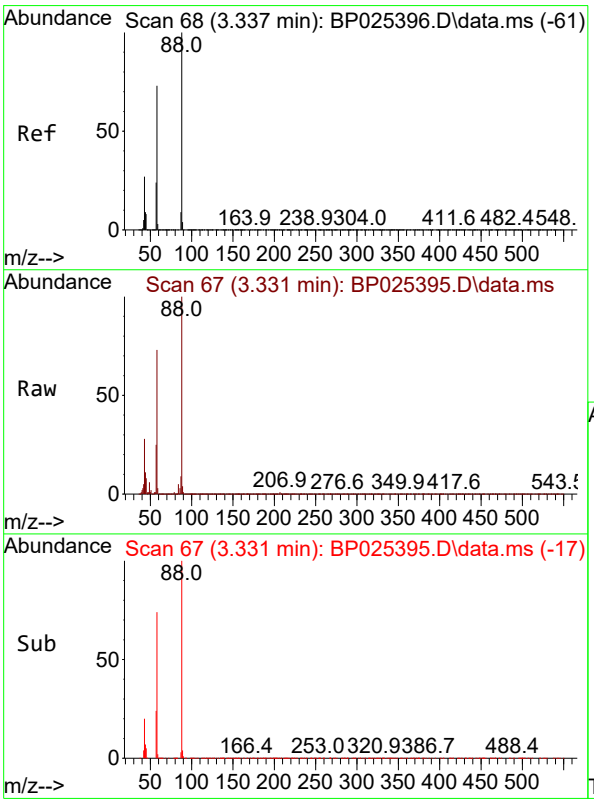
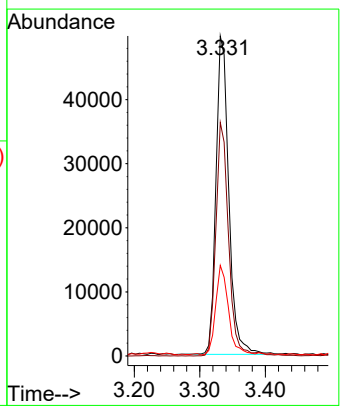
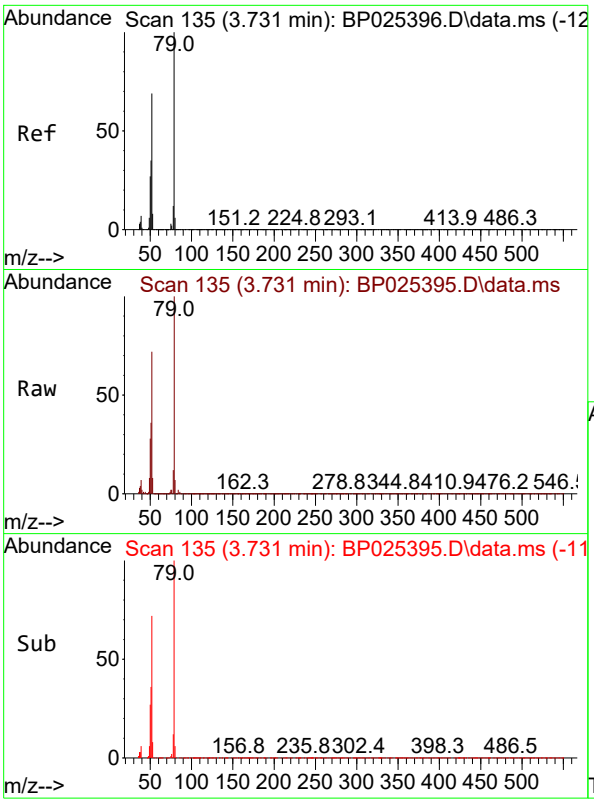


#2
1,4-Dioxane
Concen: 20.126 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

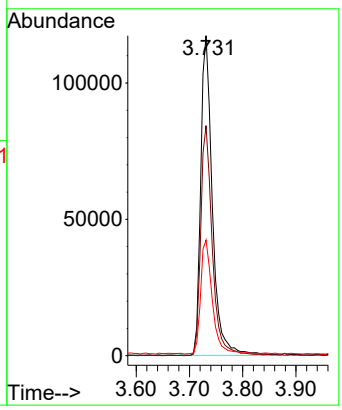




#3
Pyridine
Concen: 19.450 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

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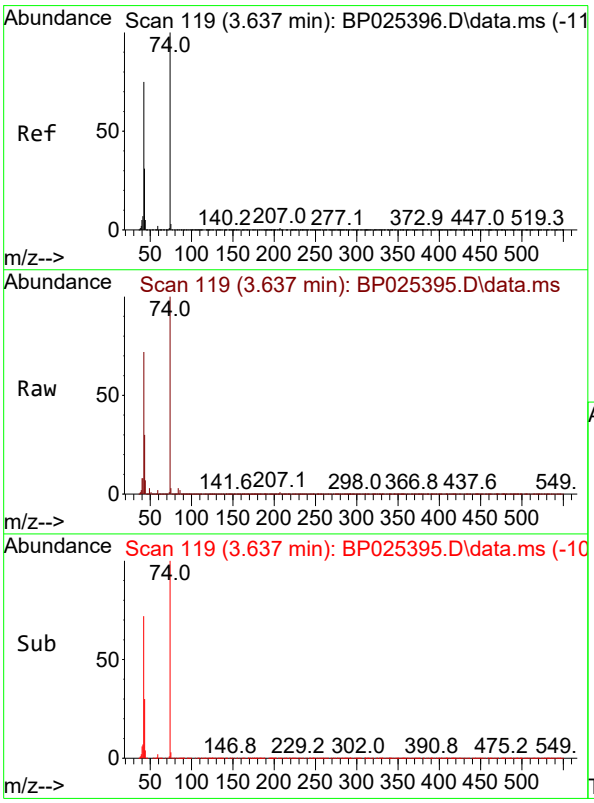
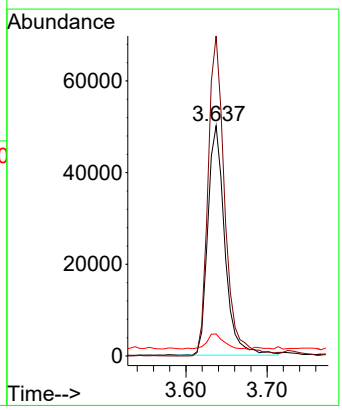
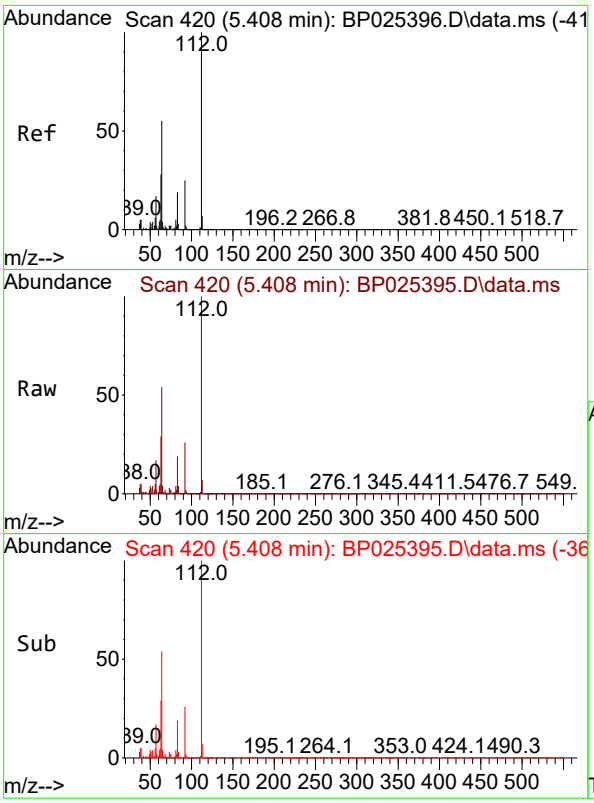


#4
n-Nitrosodimethylamine
Concen: 19.255 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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#

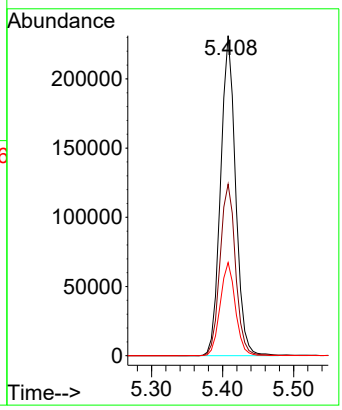




#5
2-Fluorophenol
Concen: 39.674 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

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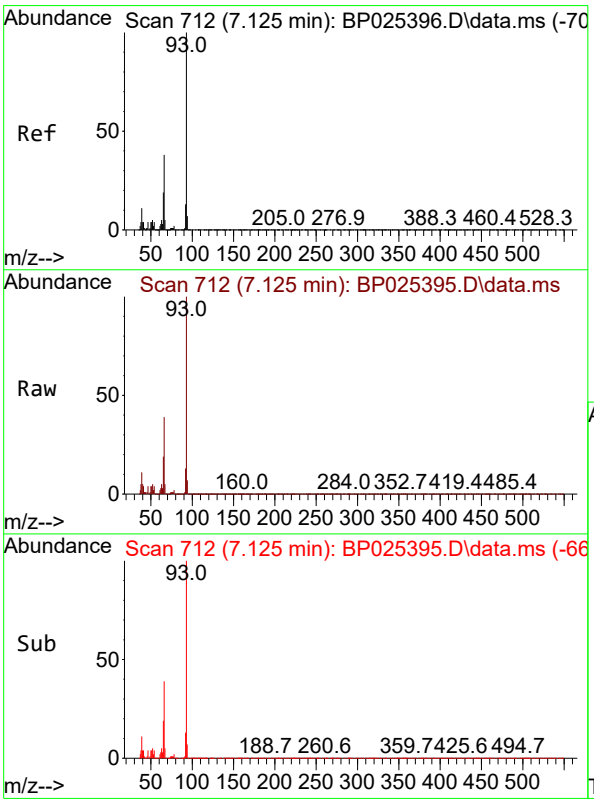
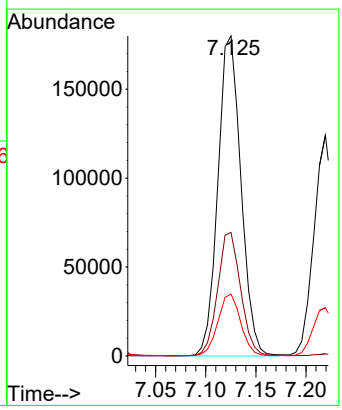
Supervised By :Jagrut Upadhyay 08/15/2025

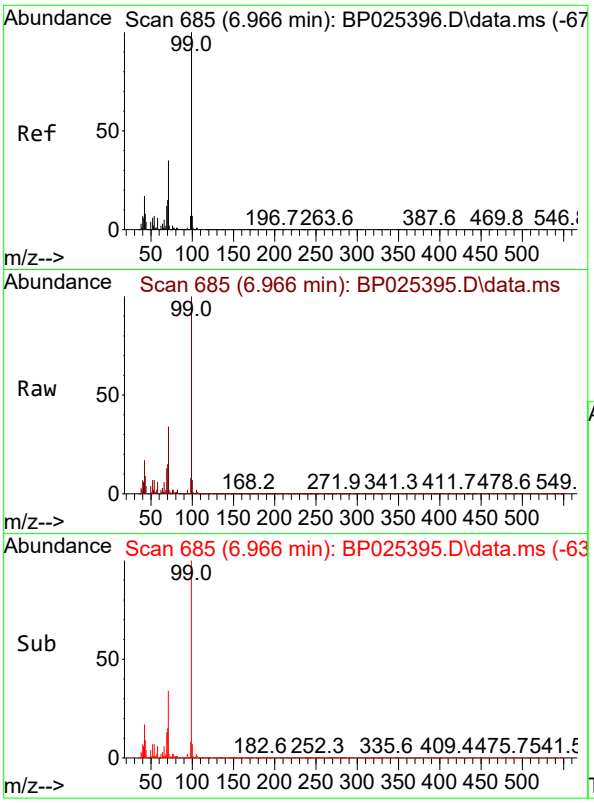


#6
Aniline
Concen: 19.513 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

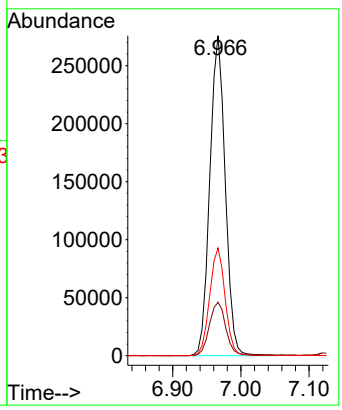




#7
Phenol-d6
Concen: 39.702 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

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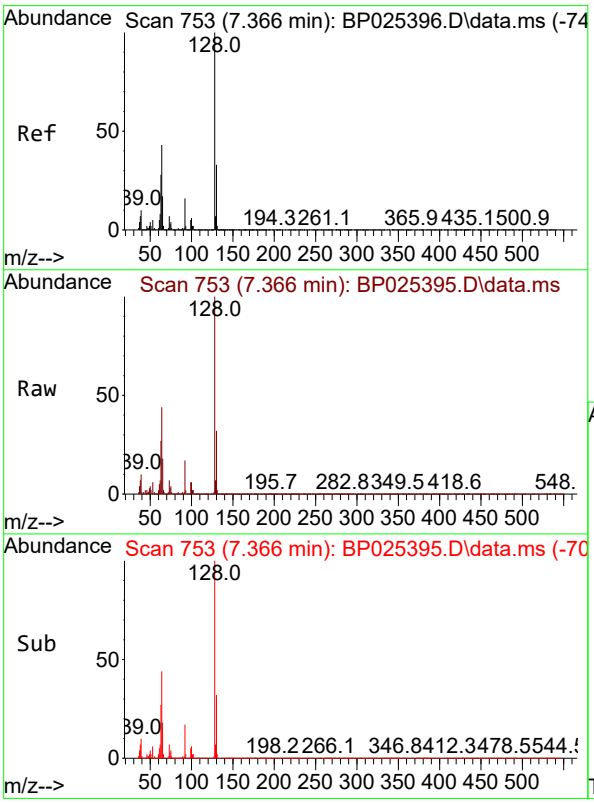
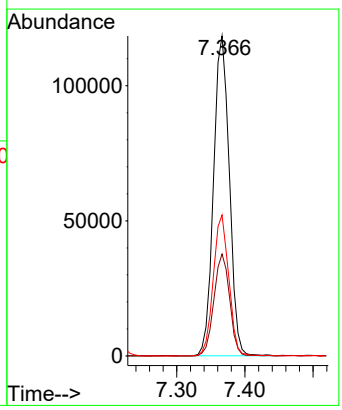
Supervised By :Jagrut Upadhyay 08/15/2025

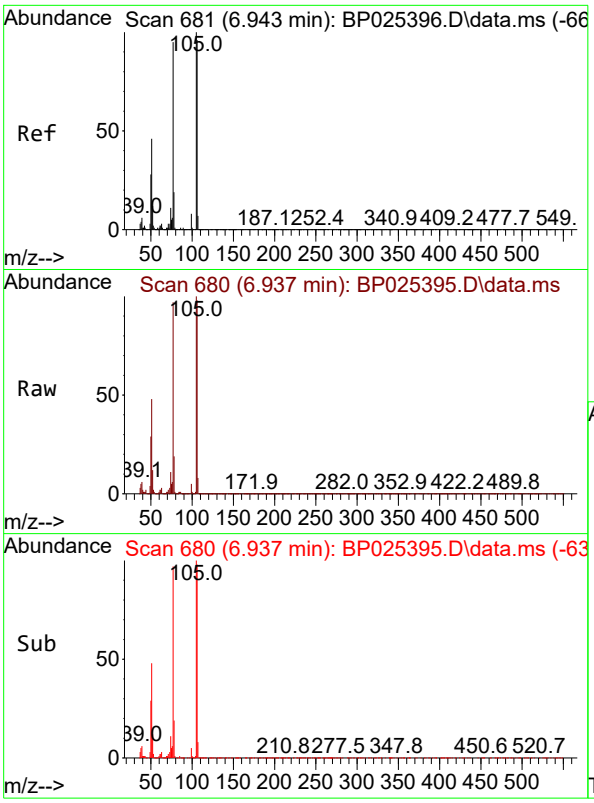


#8
2-Chlorophenol
Concen: 19.819 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

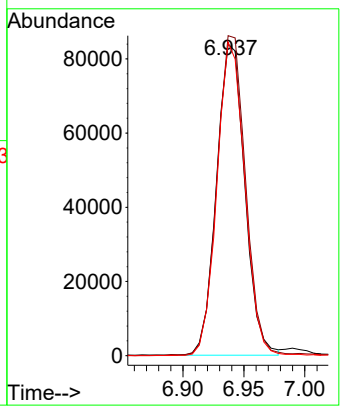




#9
Benzaldehyde
Concen: 17.672 ng
RT: 6.937 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

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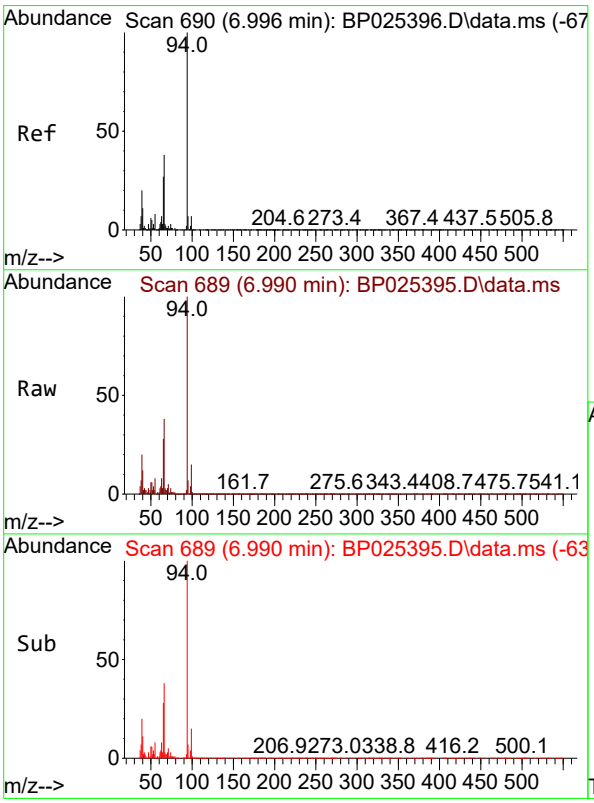
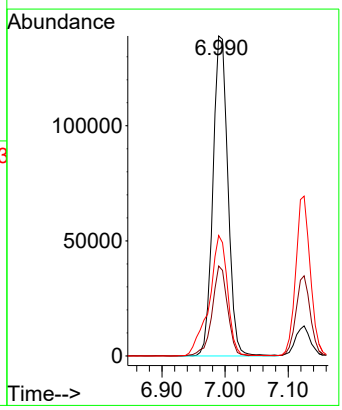
Supervised By :Jagrut Upadhyay 08/15/2025

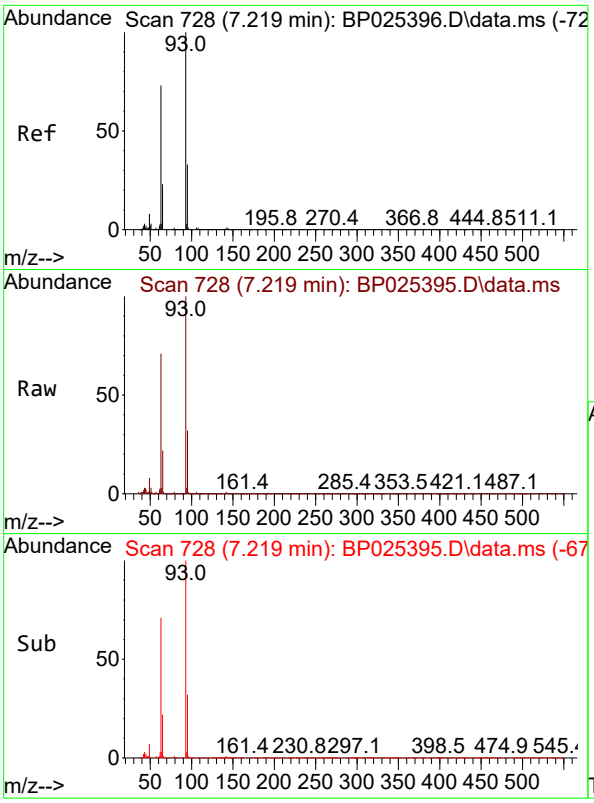


#10
Phenol
Concen: 19.910 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

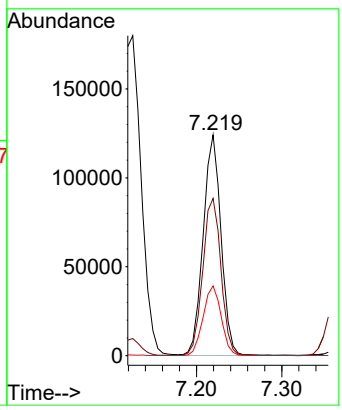




#11
bis(2-Chloroethyl)ether
Concen: 20.159 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

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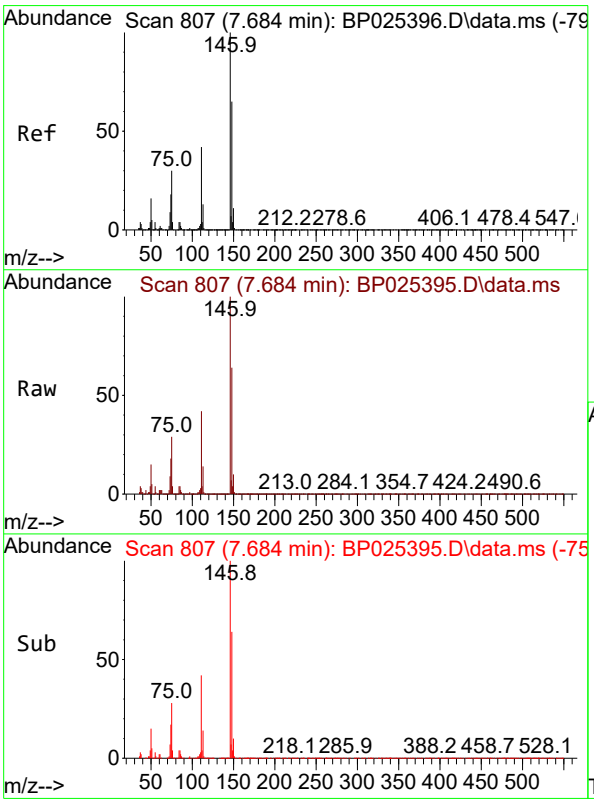
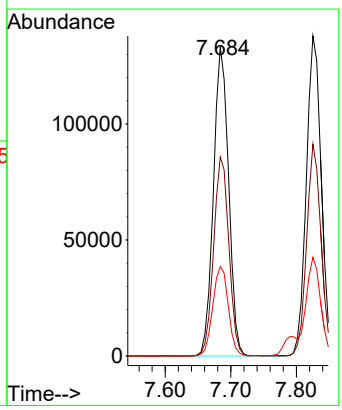
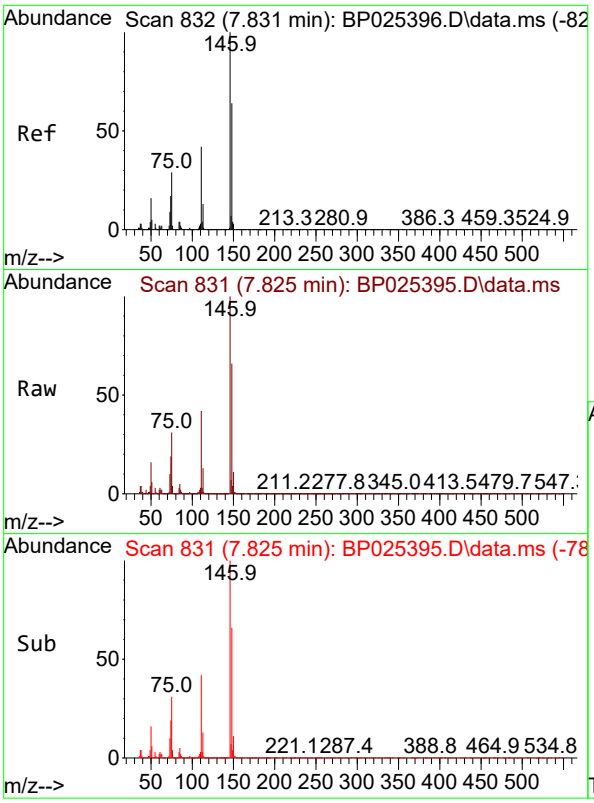


#12
1,3-Dichlorobenzene
Concen: 20.061 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:146 Resp: 213023

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
75	28.9	23.7	35.5

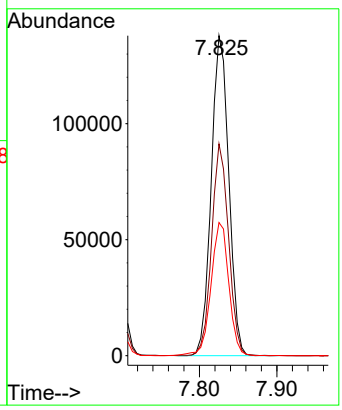




#13
1,4-Dichlorobenzene
Concen: 19.938 ng
RT: 7.825 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:146 Resp: 21640

Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.6	77.4
111	41.6	33.4	50.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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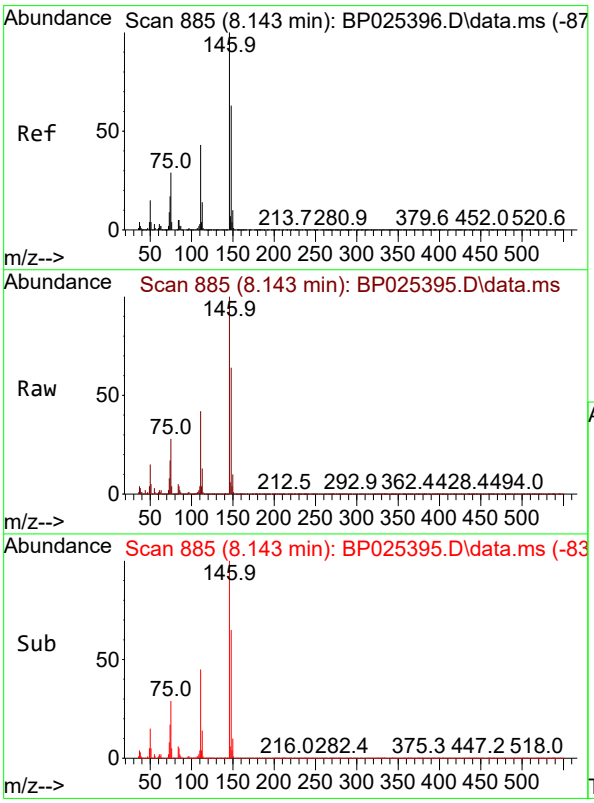
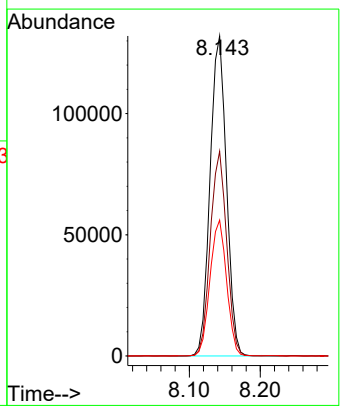
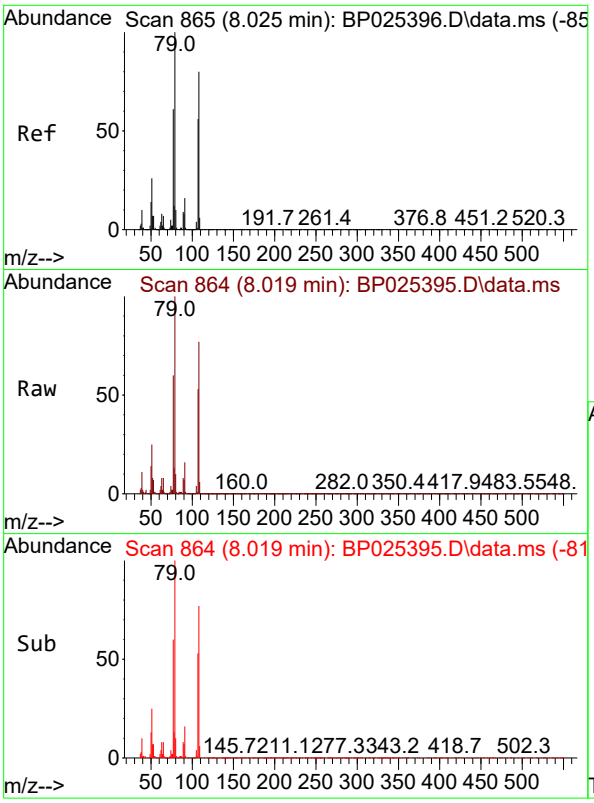


#14
1,2-Dichlorobenzene
Concen: 20.106 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:146 Resp: 211243

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.4	75.6
111	42.4	34.5	51.7





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

Tgt Ion: 79 Resp: 17073

Ion	Ratio	Lower	Upper
79	100		
108	77.1	63.8	95.6
77	60.3	49.0	73.4

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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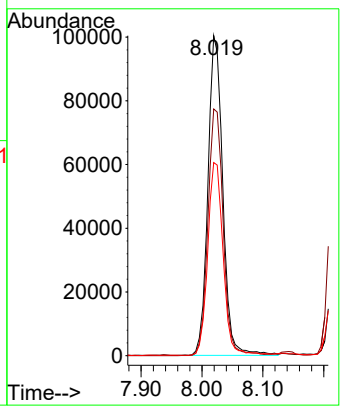
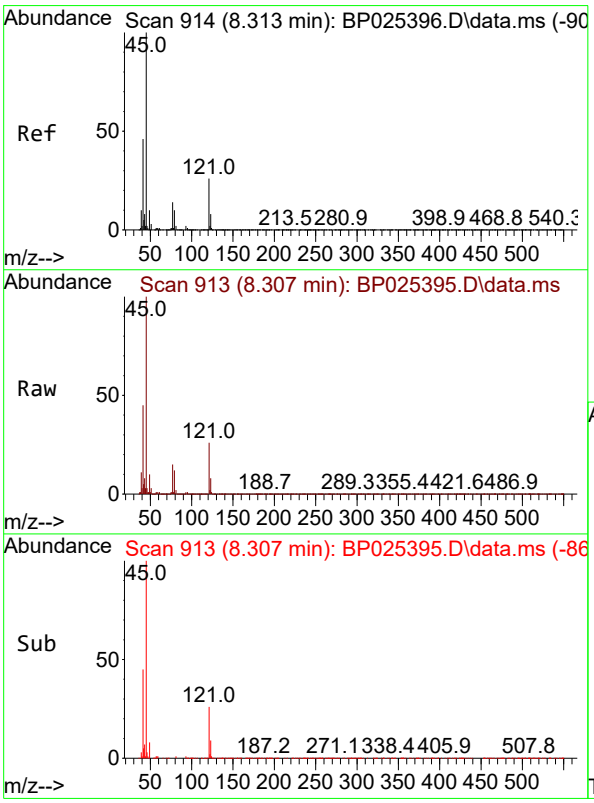
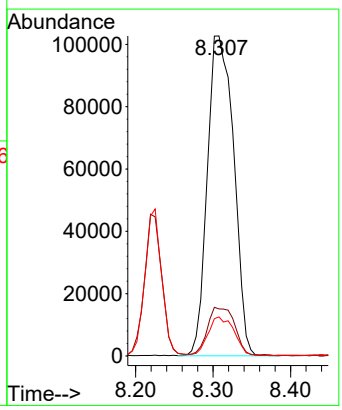


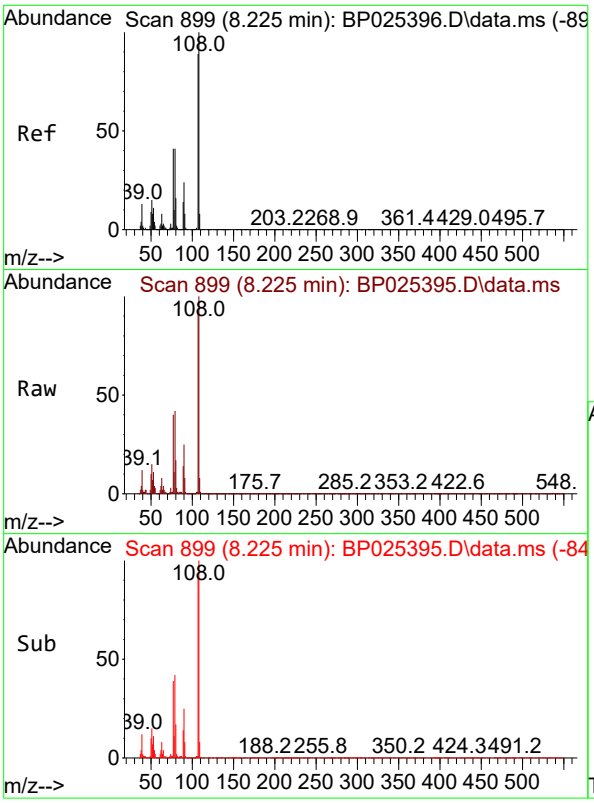


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.240 ng
RT: 8.307 min Scan# 913
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

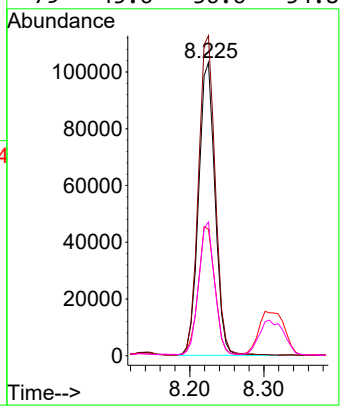




#17
2-Methylphenol
Concen: 19.956 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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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ClientSampleId :
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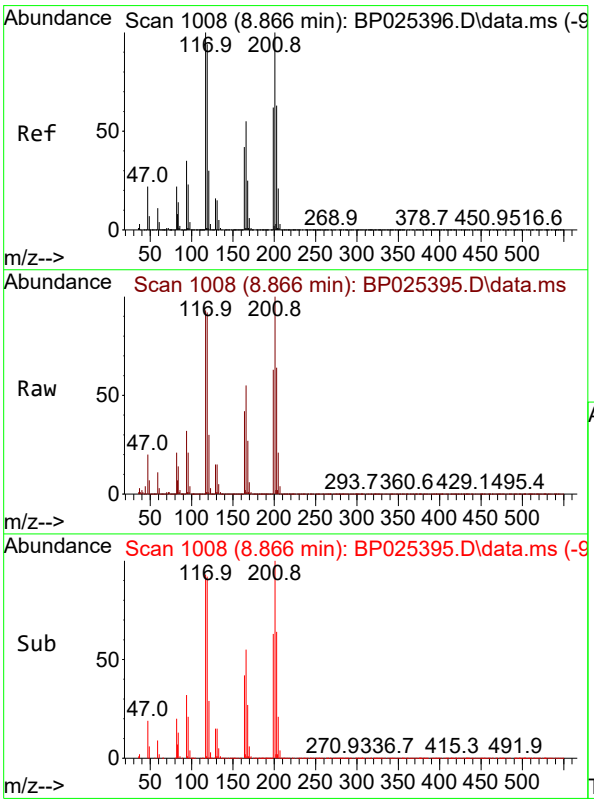
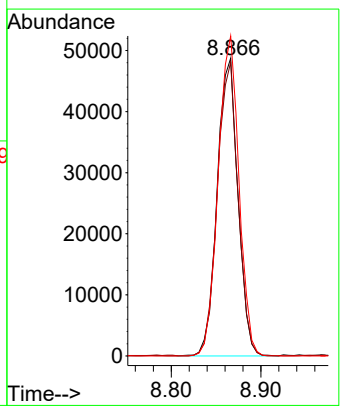
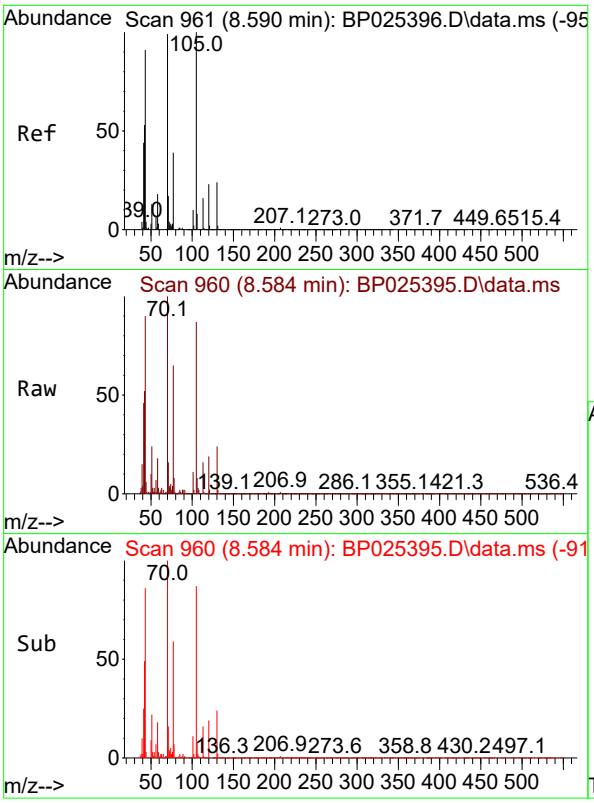


#18
Hexachloroethane
Concen: 19.597 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:117 Resp: 78205

Ion	Ratio	Lower	Upper
117	100		
119	98.8	75.1	112.7
201	107.5	80.1	120.1

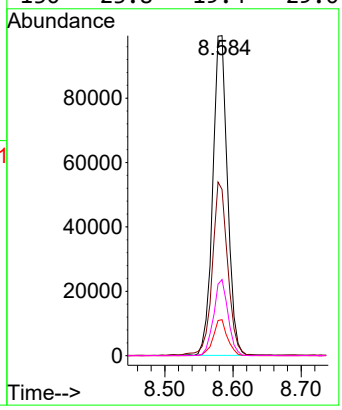




#19
n-Nitroso-di-n-propylamine
Concen: 20.633 ng
RT: 8.584 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 70 Resp: 14971

Ion	Ratio	Lower	Upper
70	100		
42	52.0	43.8	65.6
101	11.3	8.5	12.7
130	23.8	19.4	29.0



Instrument :
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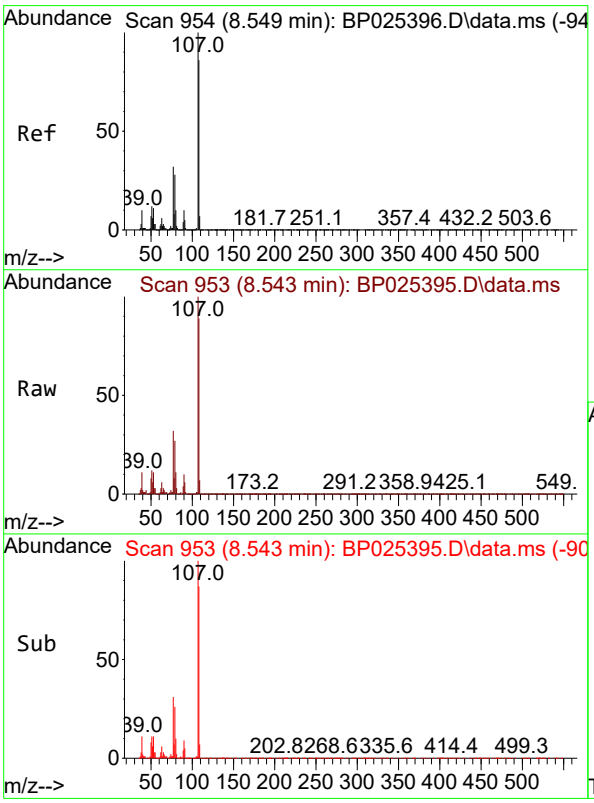
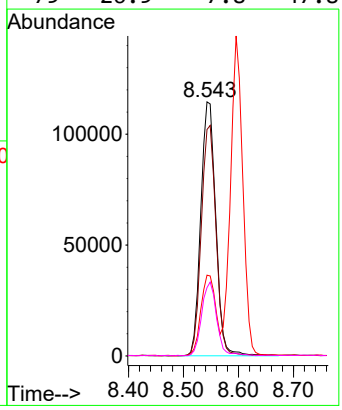
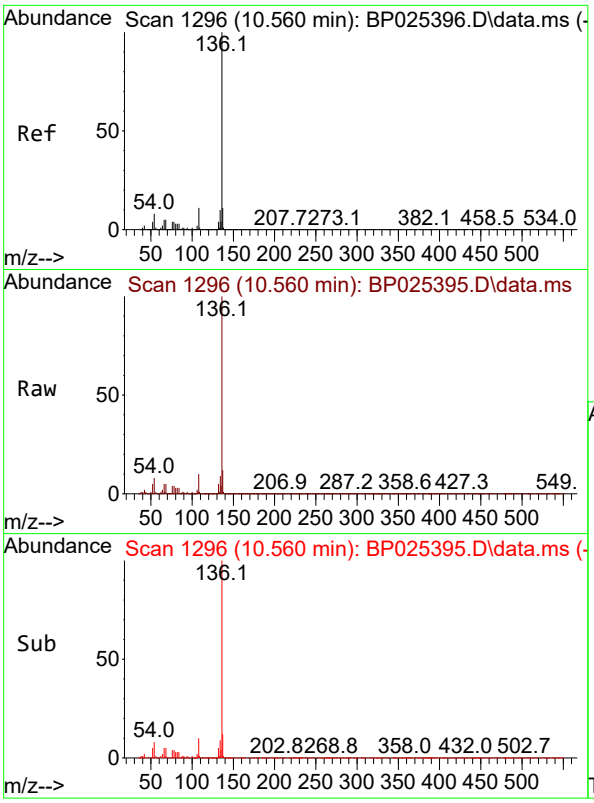


#20
3+4-Methylphenols
Concen: 19.655 ng
RT: 8.543 min Scan# 953
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

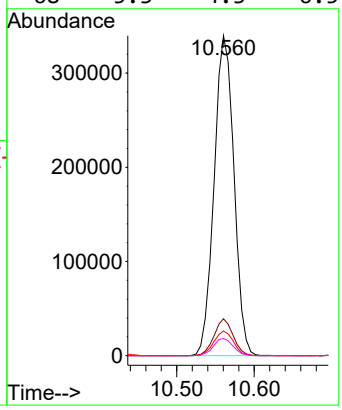




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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



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ClientSampleId :
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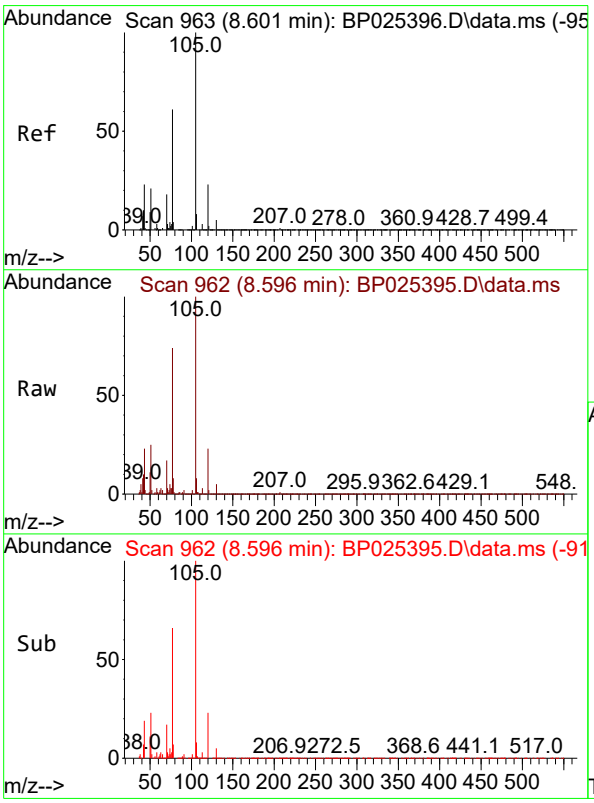
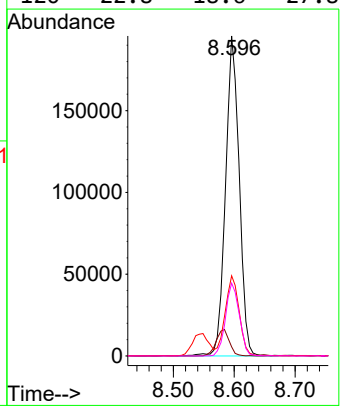
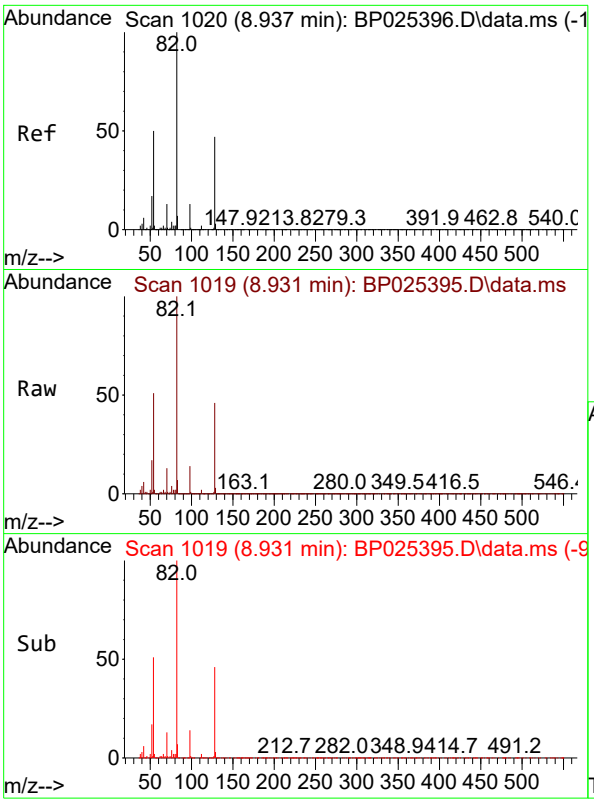


#22
Acetophenone
Concen: 20.196 ng
RT: 8.596 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

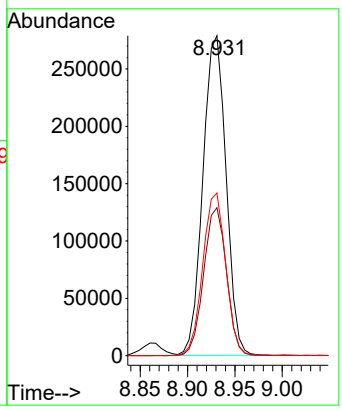




#23
Nitrobenzene-d5
Concen: 39.706 ng
RT: 8.931 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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 :
BNA_P
ClientSampleId :
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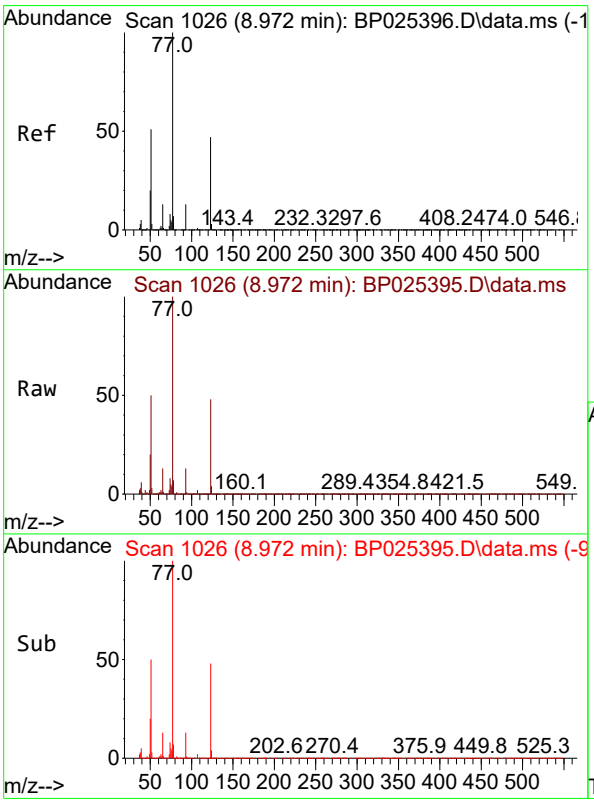
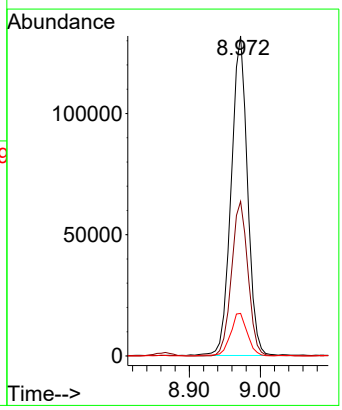
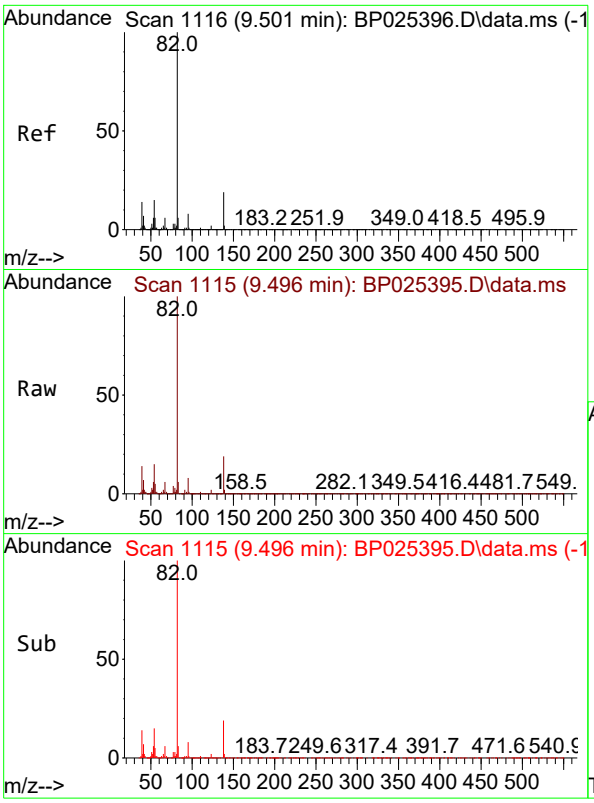


#24
Nitrobenzene
Concen: 19.708 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 77 Resp: 210234

Ion	Ratio	Lower	Upper
77	100		
123	48.3	38.6	58.0
65	13.3	10.6	15.8

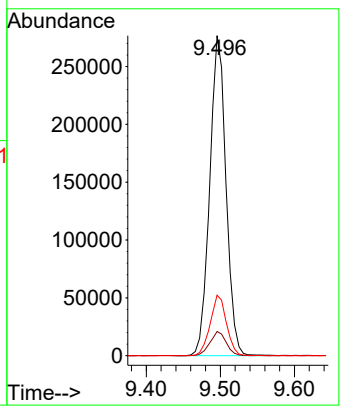




#25
Isophorone
Concen: 19.995 ng
RT: 9.496 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 82 Resp: 42237

Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.4	9.6
138	18.9	15.4	23.0



Instrument :
BNA_P
ClientSampleId :
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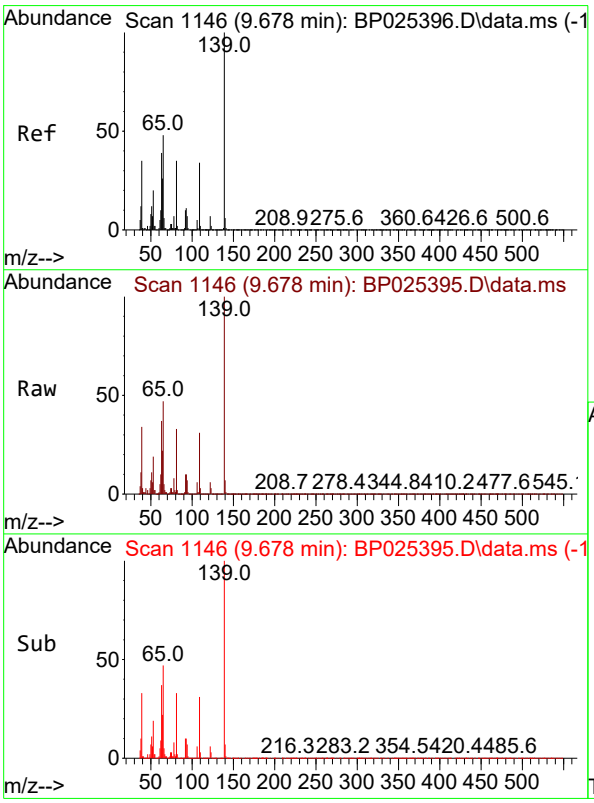
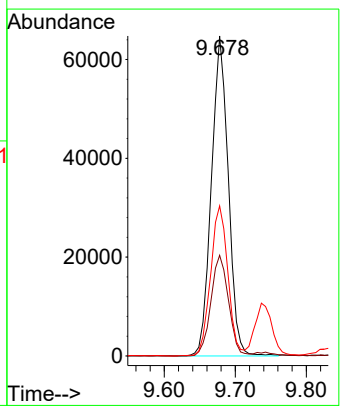
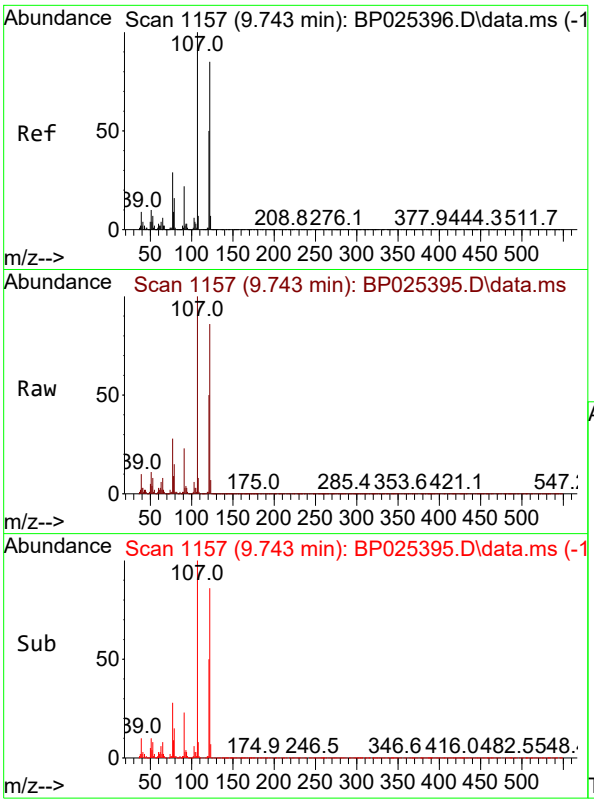


#26
2-Nitrophenol
Concen: 19.509 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:139 Resp: 106805

Ion	Ratio	Lower	Upper
139	100		
109	31.5	26.9	40.3
65	46.9	38.3	57.5

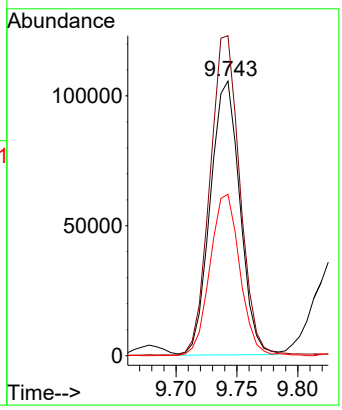




#27
2,4-Dimethylphenol
Concen: 18.963 ng
RT: 9.743 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:122 Resp: 17853

Ion	Ratio	Lower	Upper
122	100		
107	116.5	93.7	140.5
121	58.8	46.6	69.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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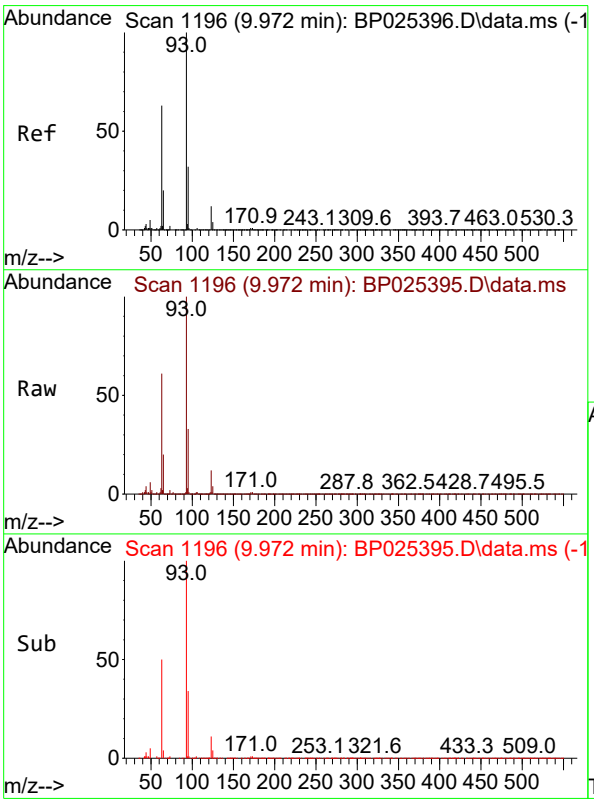
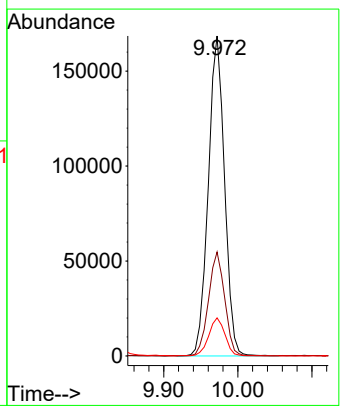
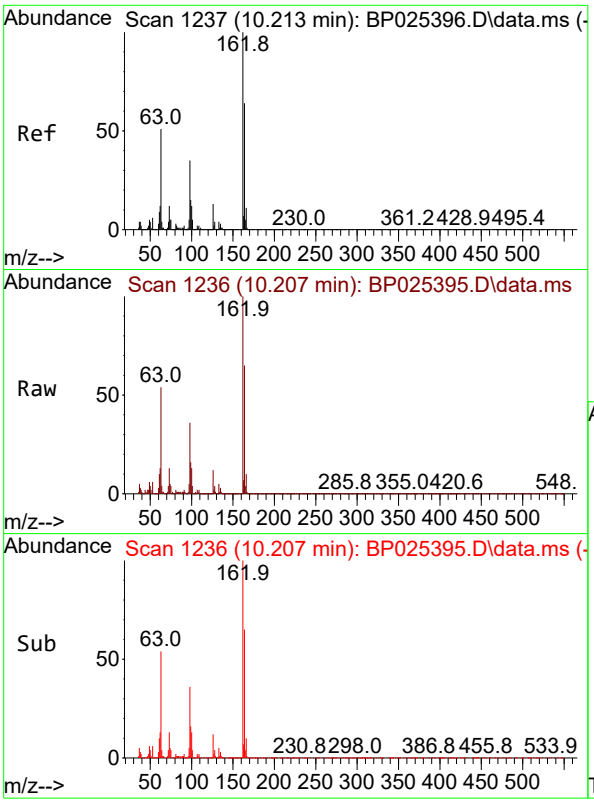


#28
bis(2-Chloroethoxy)methane
Concen: 20.100 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 93 Resp: 256656

Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.4	38.0
123	11.9	9.4	14.0

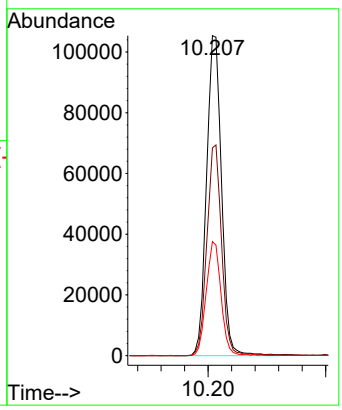




#29
2,4-Dichlorophenol
Concen: 19.896 ng
RT: 10.207 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:162 Resp: 18607

Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.4	84.4
98	35.7	14.9	54.9



Instrument :
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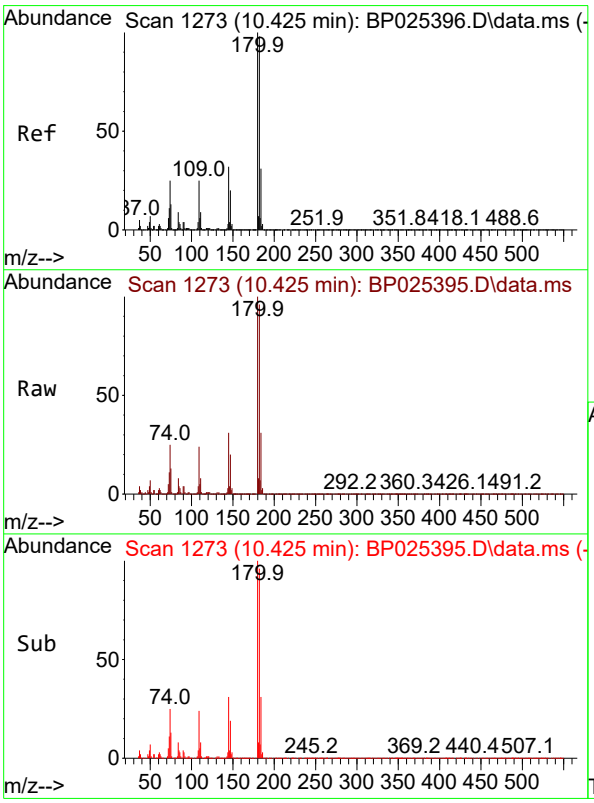
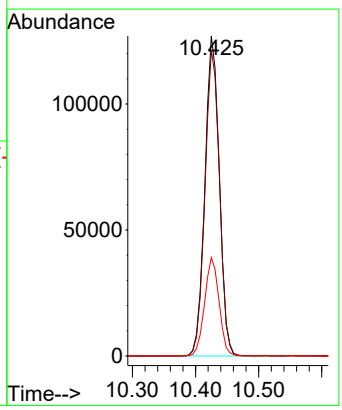
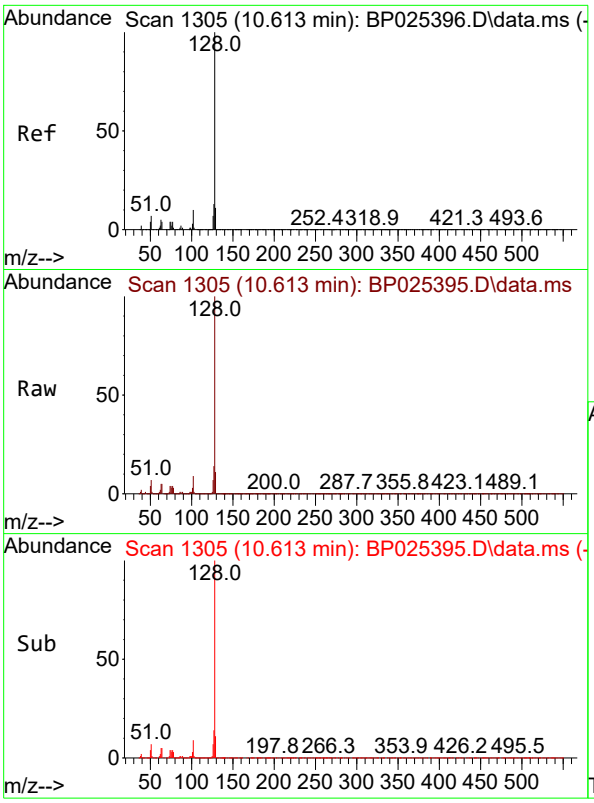


#30
1,2,4-Trichlorobenzene
Concen: 19.702 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:180 Resp: 201995

Ion	Ratio	Lower	Upper
180	100		
182	95.6	78.0	117.0
145	30.7	25.9	38.9





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

Tgt Ion:128 Resp: 625899

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.7	10.7	16.1

Instrument :
BNA_P
ClientSampleId :
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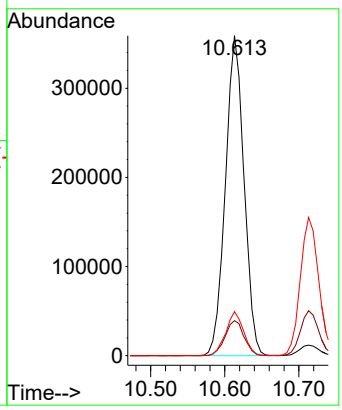
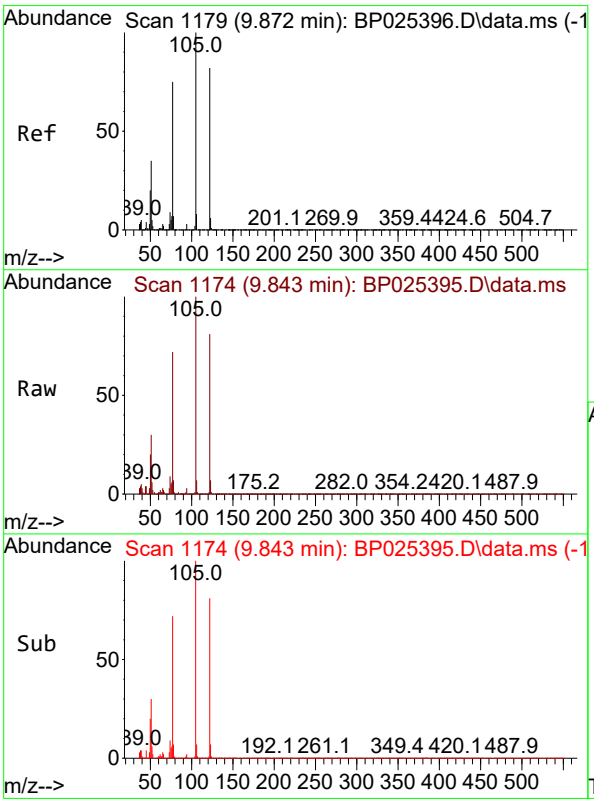
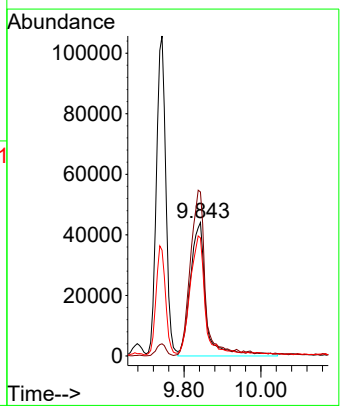


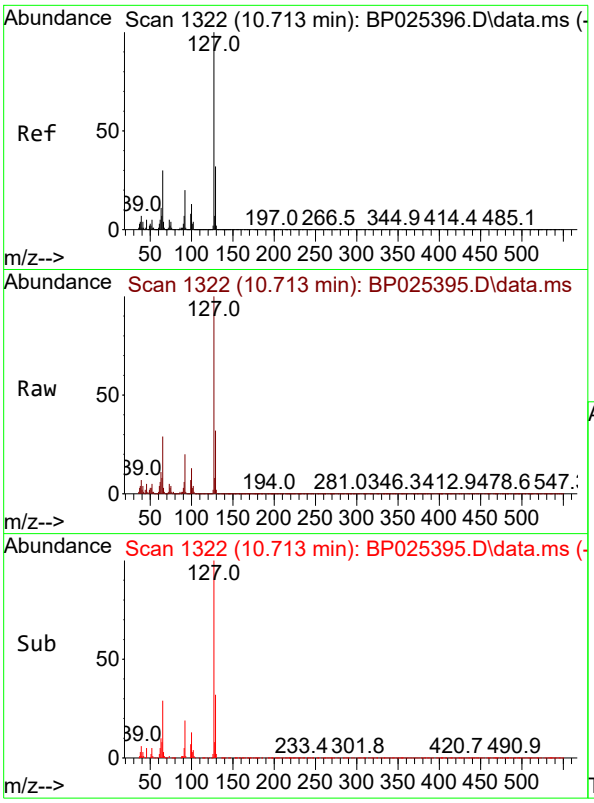


#32
Benzoic acid
Concen: 18.004 ng m
RT: 9.843 min Scan# 1174
Delta R.T. -0.029 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

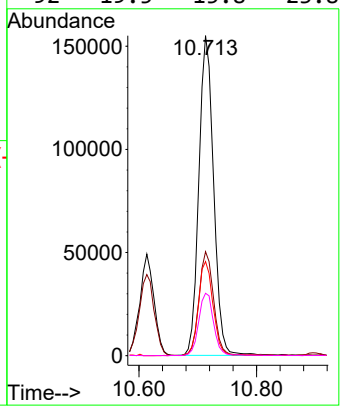




#33
4-Chloroaniline
Concen: 19.489 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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 :
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ClientSampleId :
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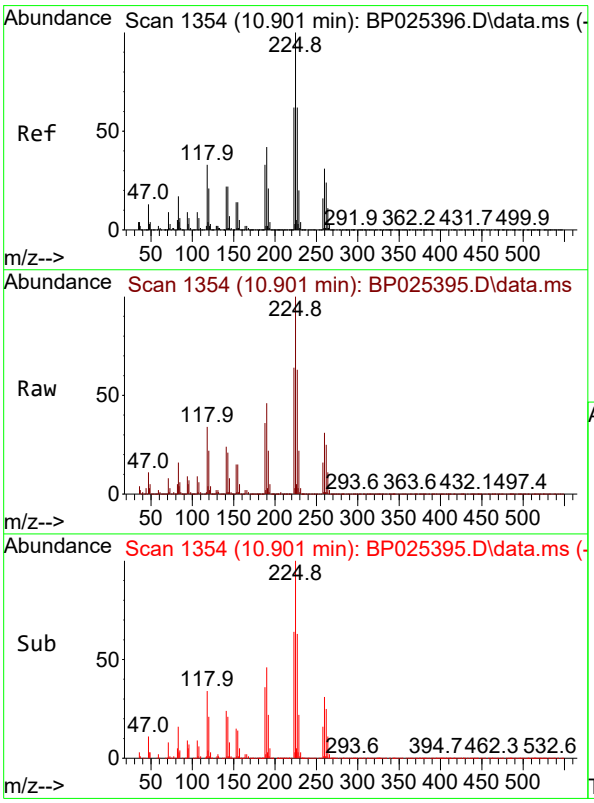
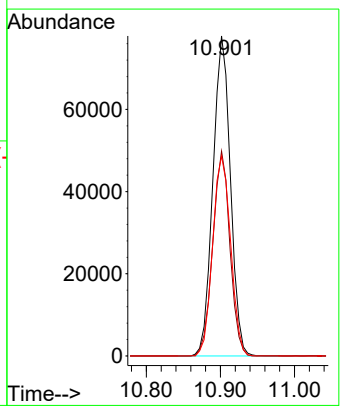
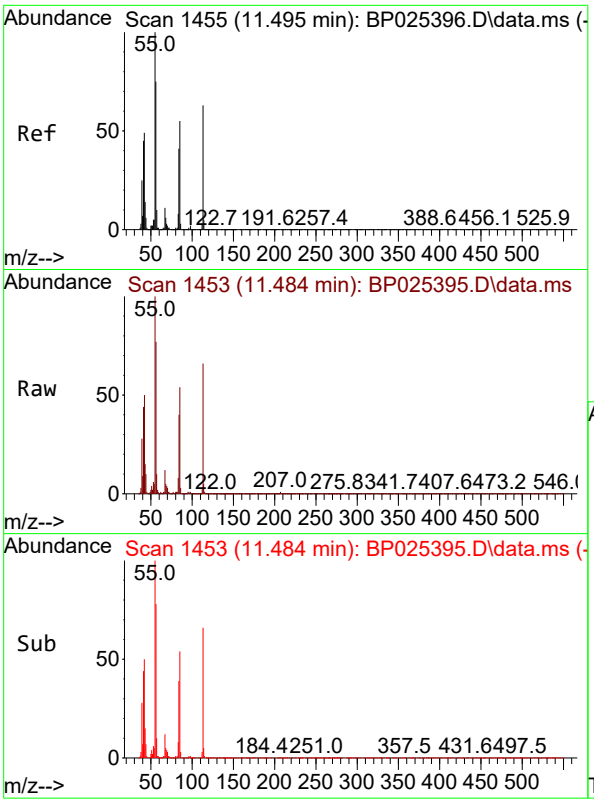


#34
Hexachlorobutadiene
Concen: 19.983 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

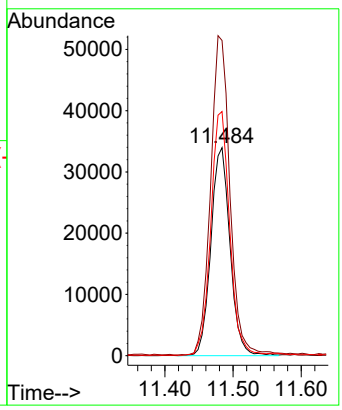




#35
Caprolactam
Concen: 19.294 ng
RT: 11.484 min Scan# 14
Delta R.T. -0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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 :
BNA_P
ClientSampleId :
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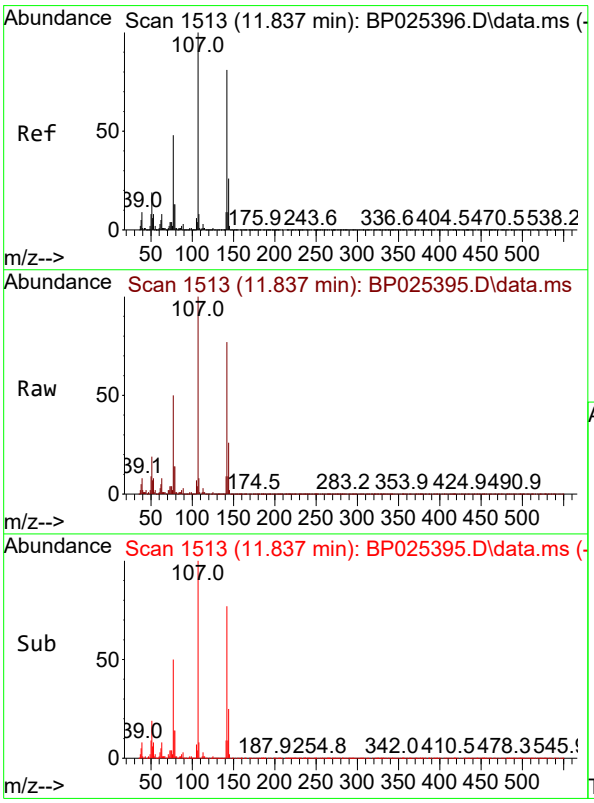
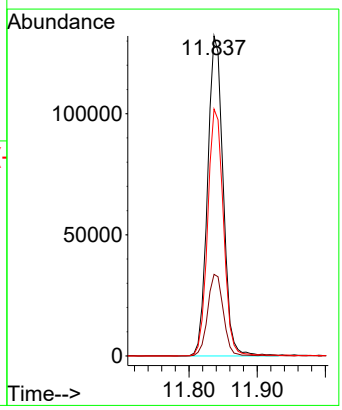
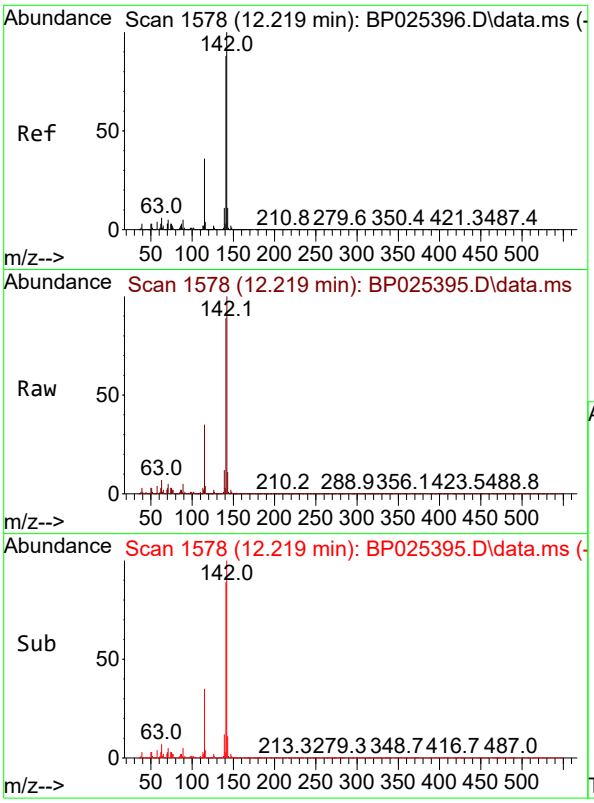


#36
4-Chloro-3-methylphenol
Concen: 19.551 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:107 Resp: 209817

Ion	Ratio	Lower	Upper
107	100		
144	25.5	21.0	31.4
142	77.1	64.6	97.0

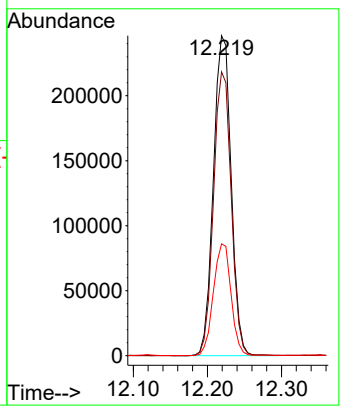




#37
2-Methylnaphthalene
Concen: 20.057 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:142 Resp: 40961

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.3	105.5
115	35.0	28.9	43.3



Instrument :
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ClientSampleId :
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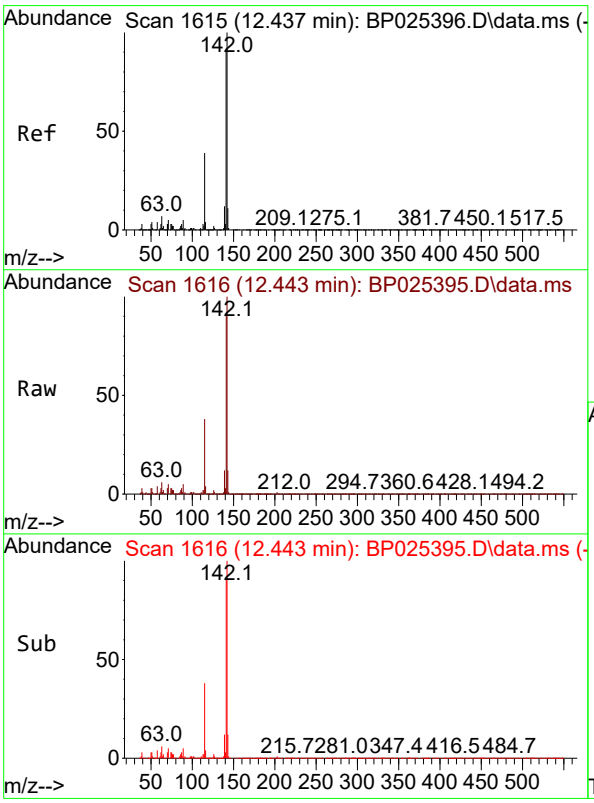
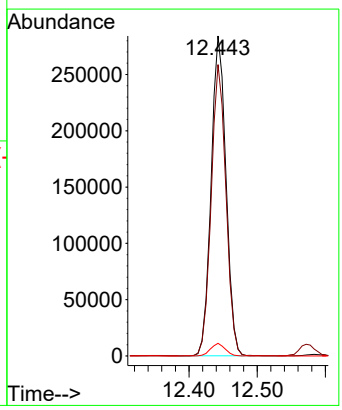
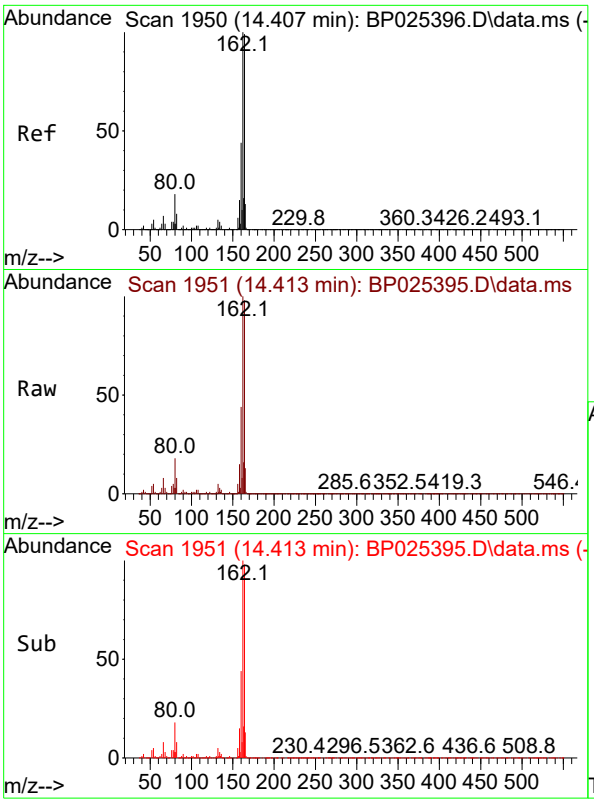


#38
1-Methylnaphthalene
Concen: 19.829 ng
RT: 12.443 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:142 Resp: 430666

Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.1	109.7
116	3.9	3.2	4.8

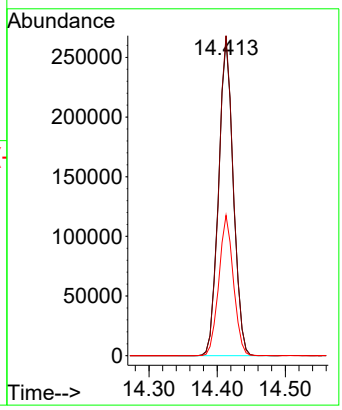




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:164 Resp: 39903

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.0	121.6
160	44.6	35.4	53.2



Instrument :
BNA_P
ClientSampleId :
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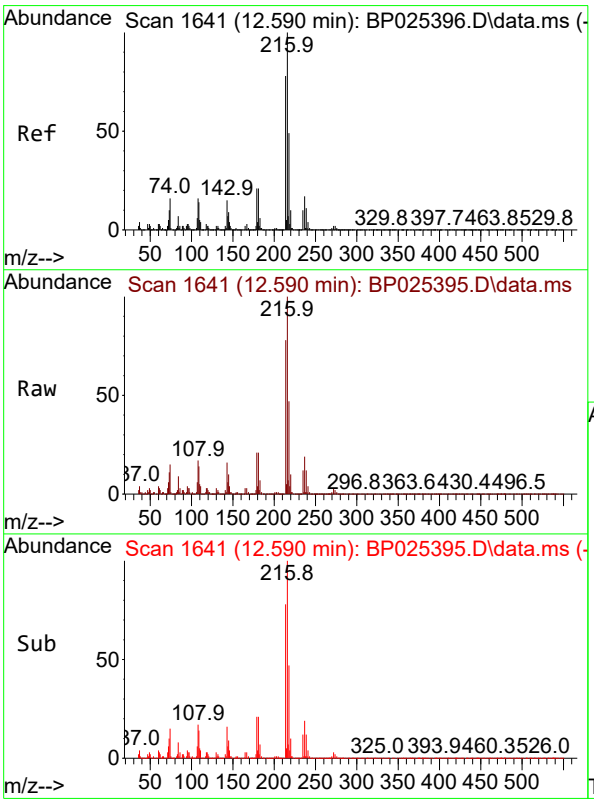
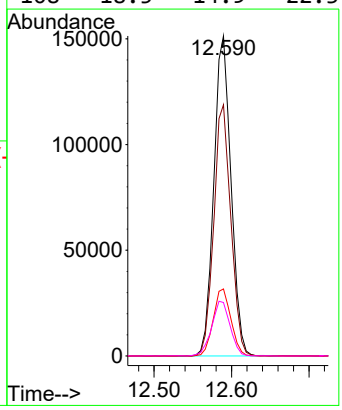
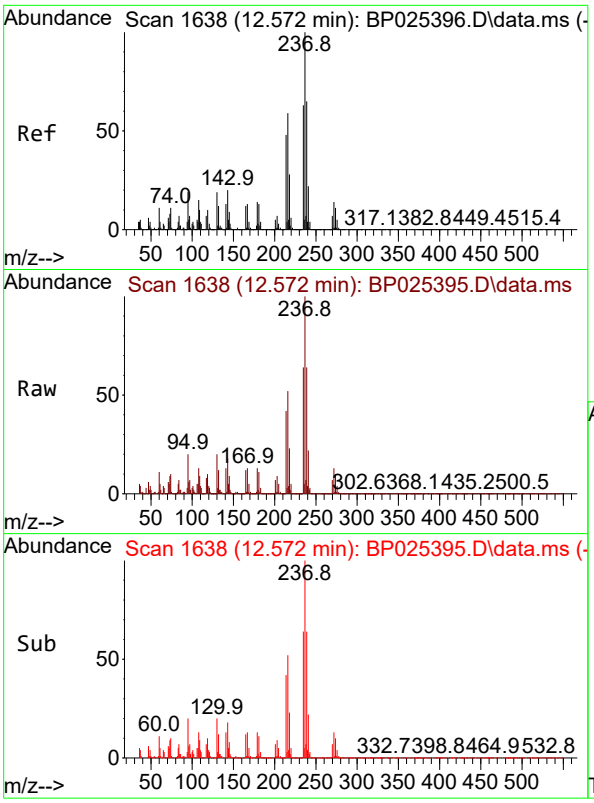


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.263 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:216 Resp: 233523

Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.0	94.4
179	21.6	17.1	25.7
108	18.5	14.9	22.3





#41
Hexachlorocyclopentadiene
Concen: 17.922 ng
RT: 12.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Instrument :
BNA_P
ClientSampleId :
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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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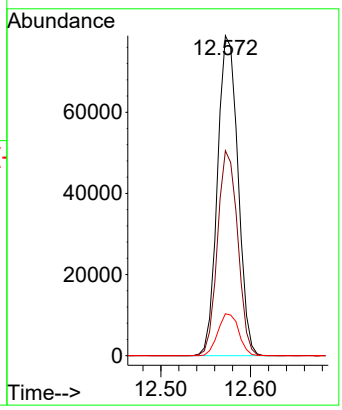
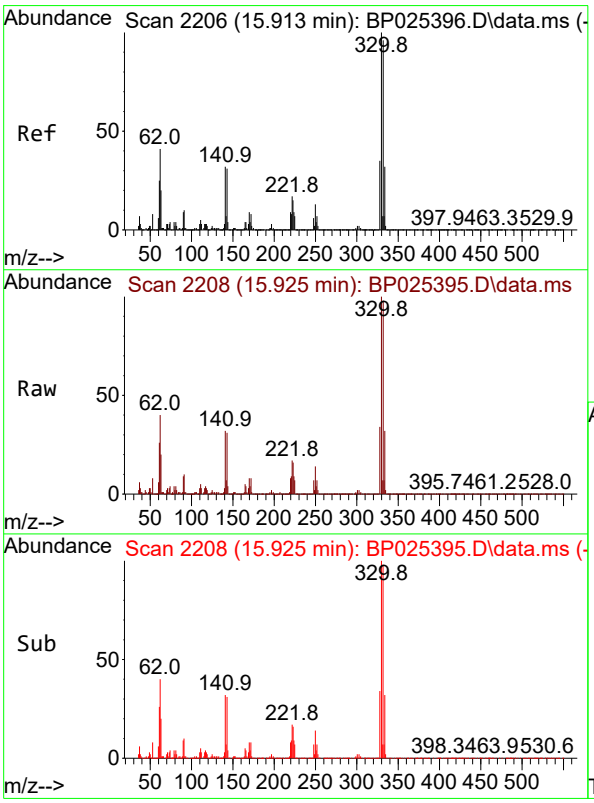
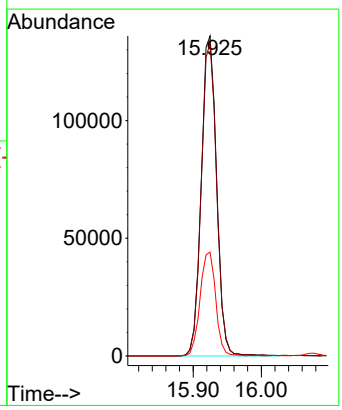


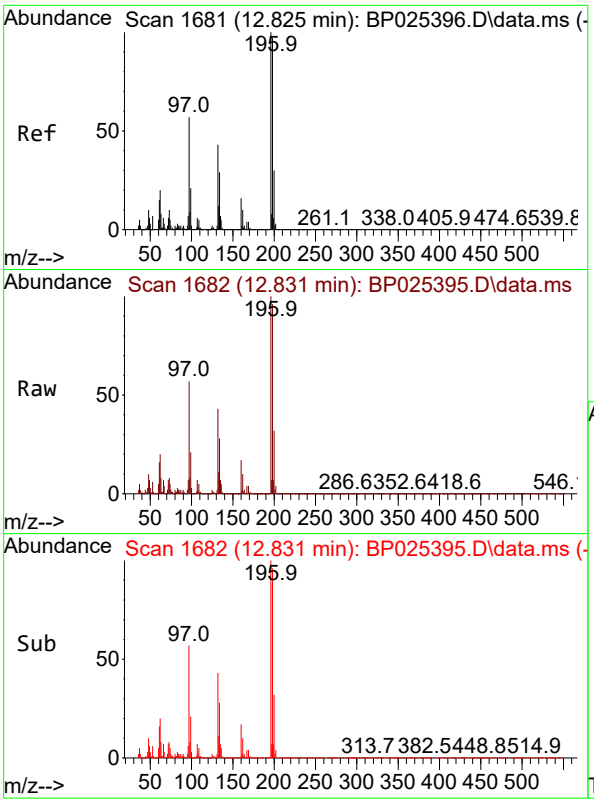


#42
2,4,6-Tribromophenol
Concen: 39.651 ng
RT: 15.925 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

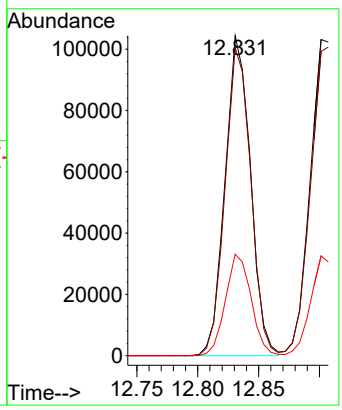




#43
2,4,6-Trichlorophenol
Concen: 19.540 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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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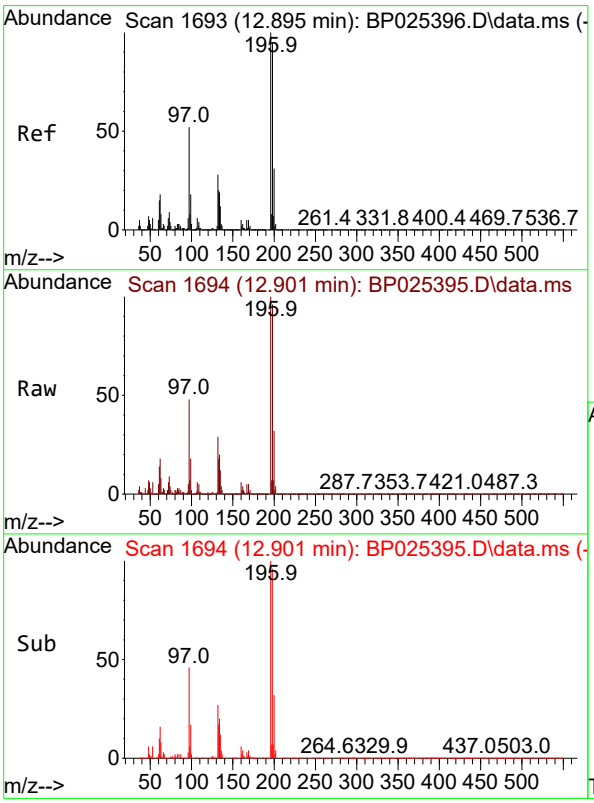
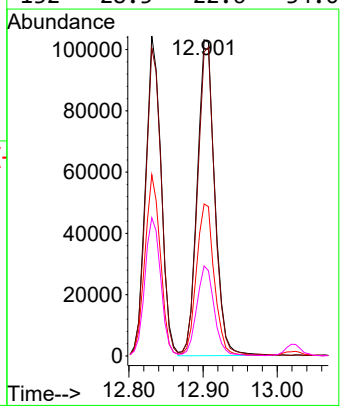
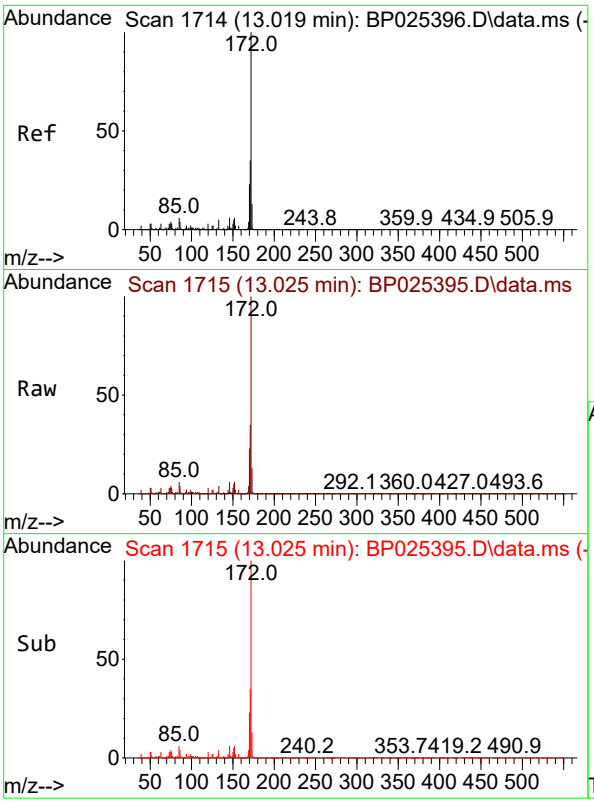


#44
2,4,5-Trichlorophenol
Concen: 19.842 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

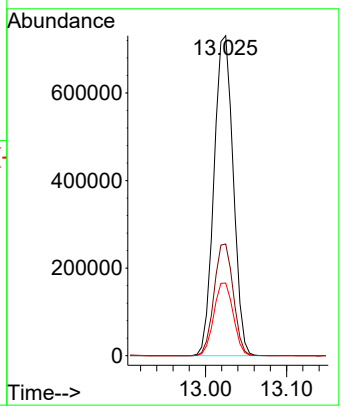




#45
2-Fluorobiphenyl
Concen: 41.205 ng
RT: 13.025 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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 :
SSTDICC020

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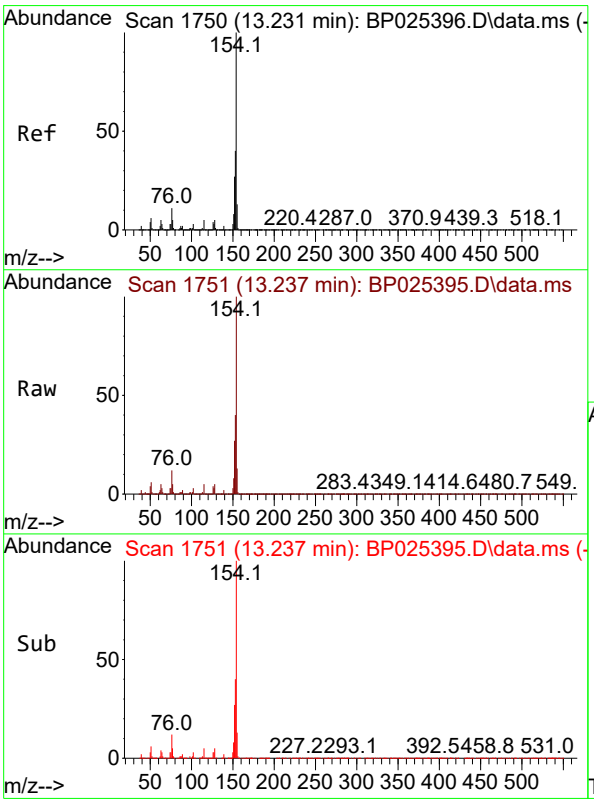
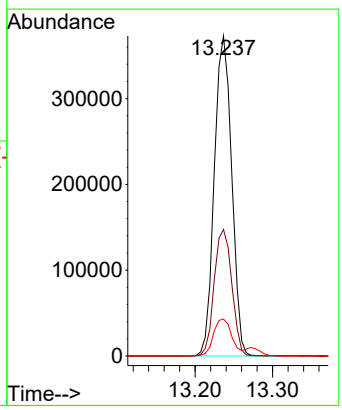
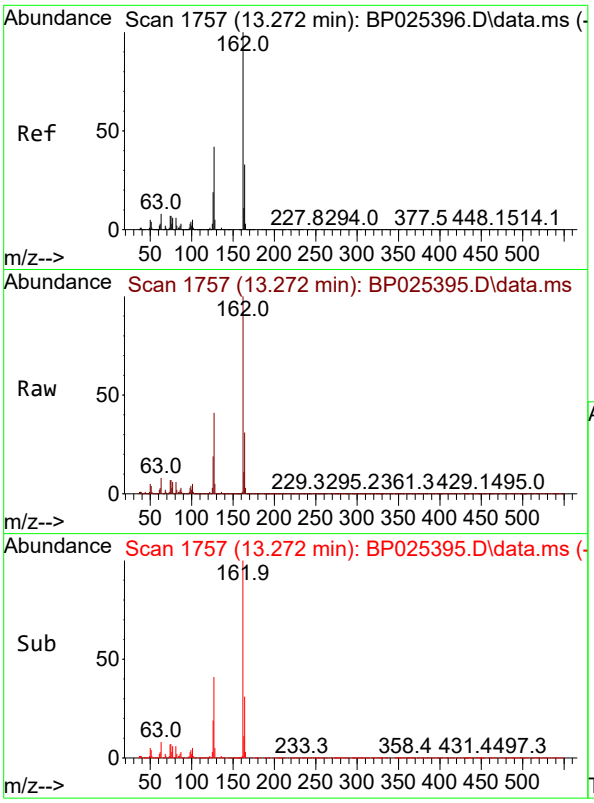


#46
1,1'-Biphenyl
Concen: 20.064 ng
RT: 13.237 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

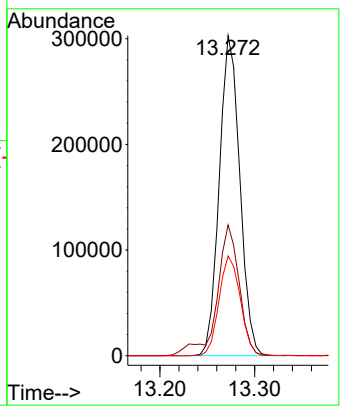




#47
2-Chloronaphthalene
Concen: 20.237 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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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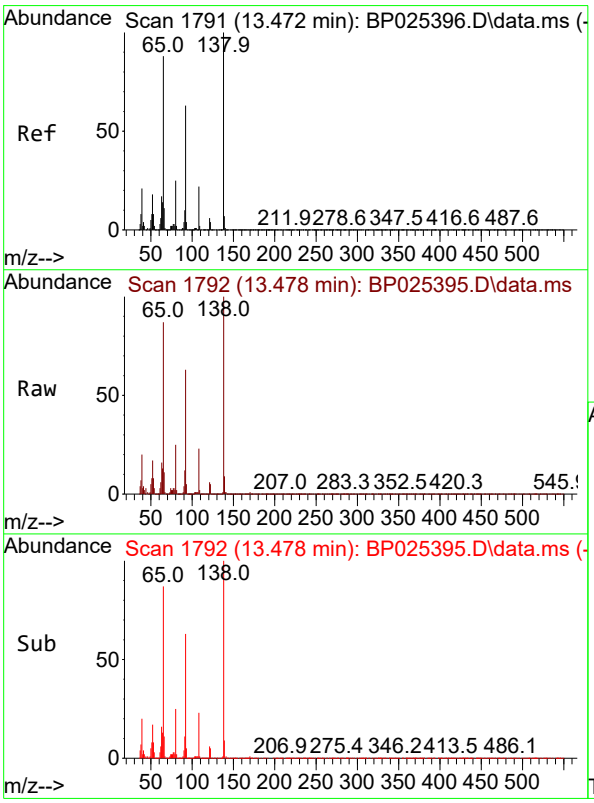
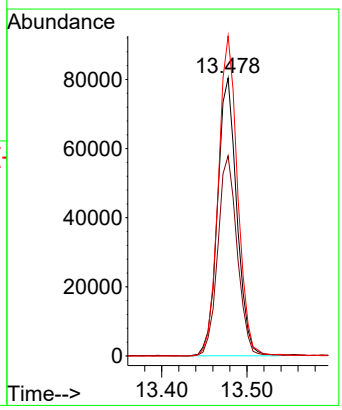
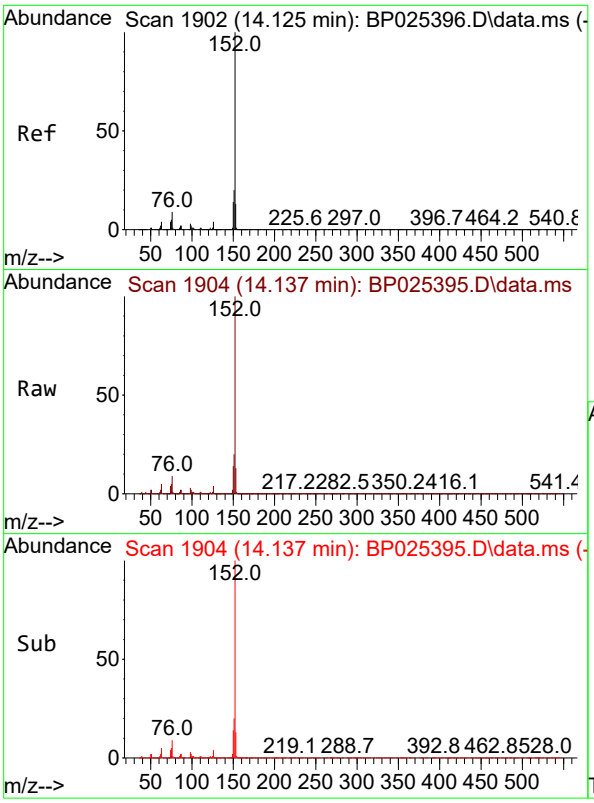


#48
2-Nitroaniline
Concen: 19.233 ng
RT: 13.478 min Scan# 1792
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

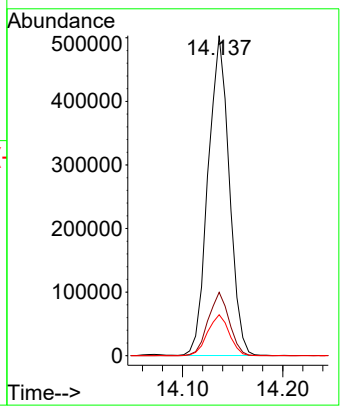




#49
Acenaphthylene
Concen: 19.756 ng
RT: 14.137 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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 :
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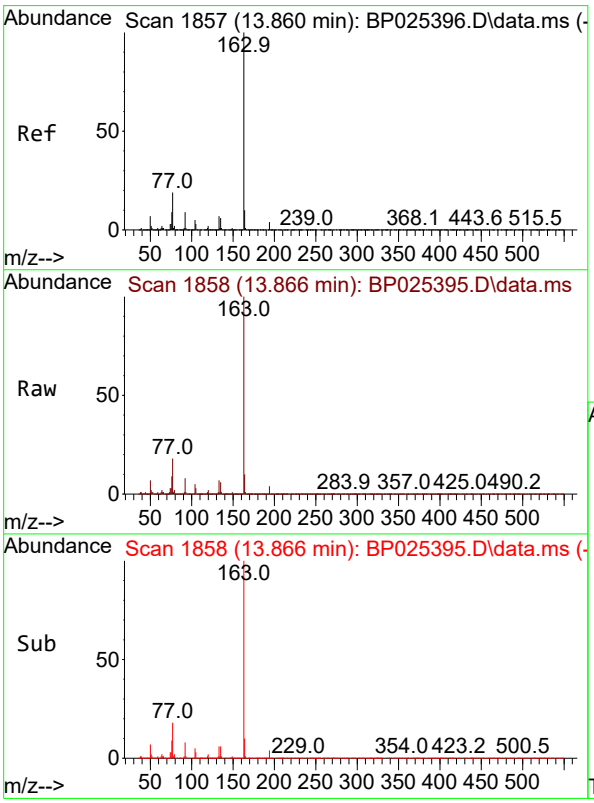
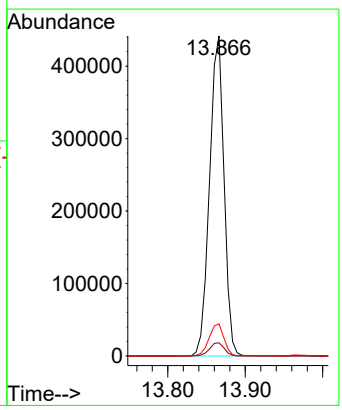
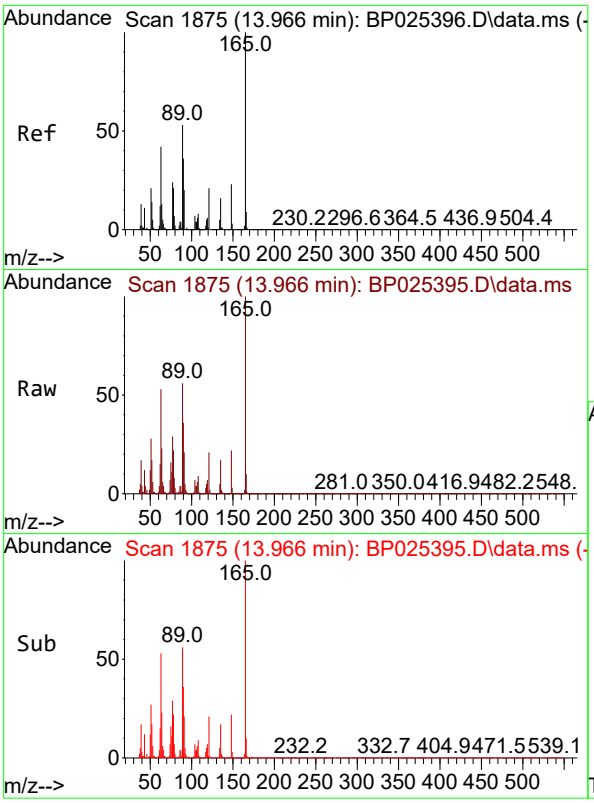


#50
Dimethylphthalate
Concen: 19.632 ng
RT: 13.866 min Scan# 1858
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:163 Resp: 573661

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.1	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 19.597 ng
RT: 13.966 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:165 Resp: 12069

Ion	Ratio	Lower	Upper
165	100		
63	52.9	40.9	61.3
89	55.7	42.1	63.1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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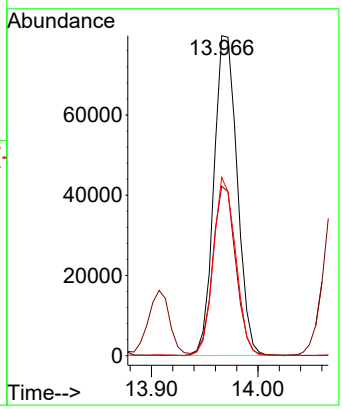
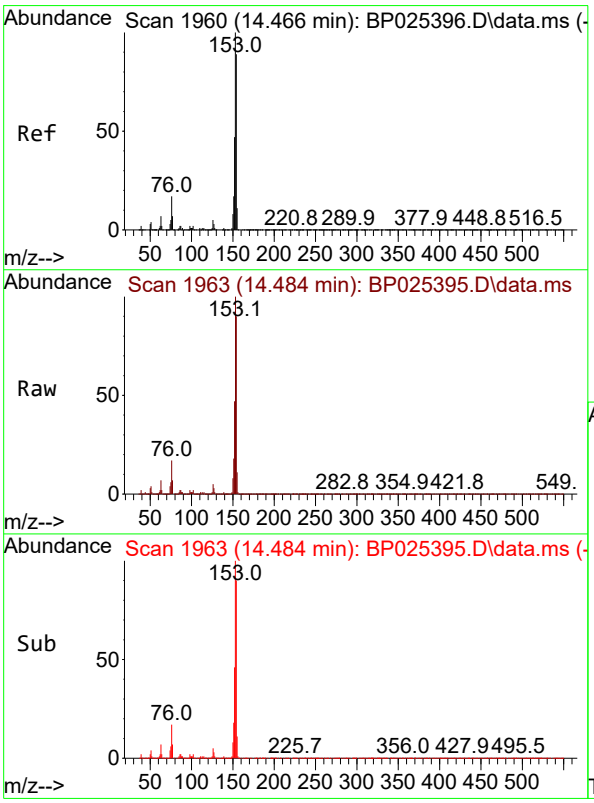
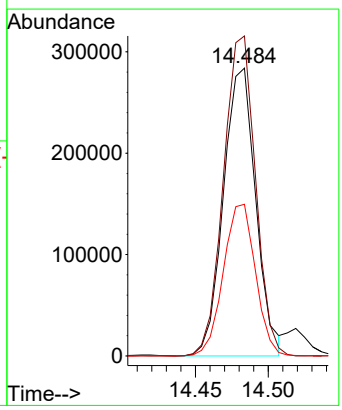


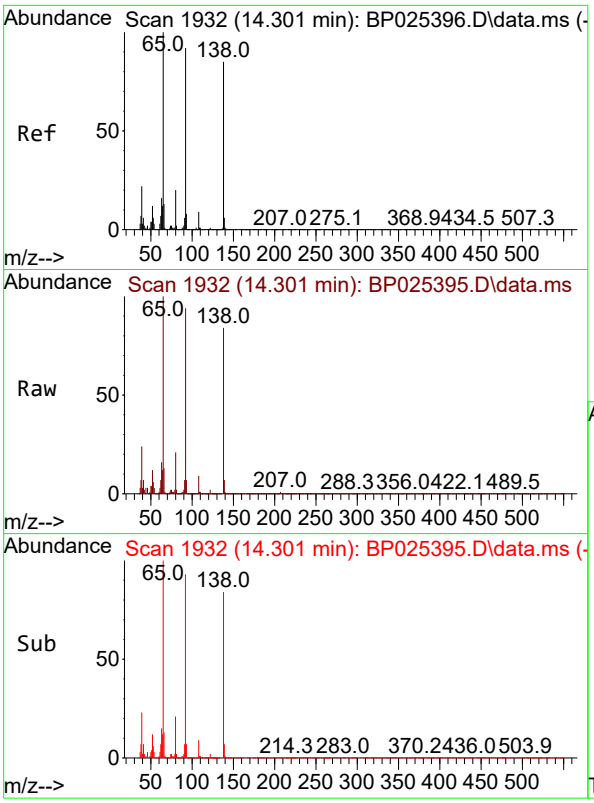


#52
Acenaphthene
Concen: 20.027 ng m
RT: 14.484 min Scan# 1963
Delta R.T. 0.018 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:154 Resp: 438852

Ion	Ratio	Lower	Upper
154	100		
153	111.2	90.2	135.2
152	52.7	42.1	63.1





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

Tgt Ion:138 Resp: 13450

Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.3	12.5
92	111.4	86.2	129.2

Instrument :
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ClientSampleId :
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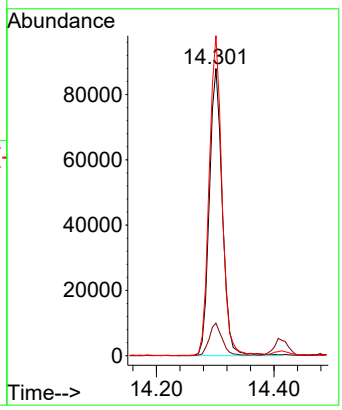
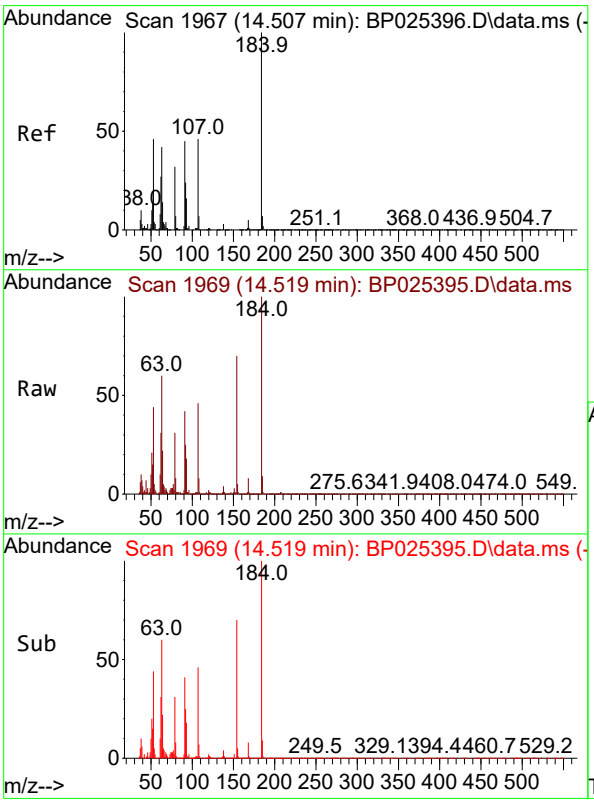
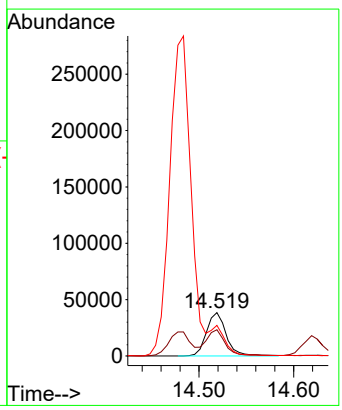


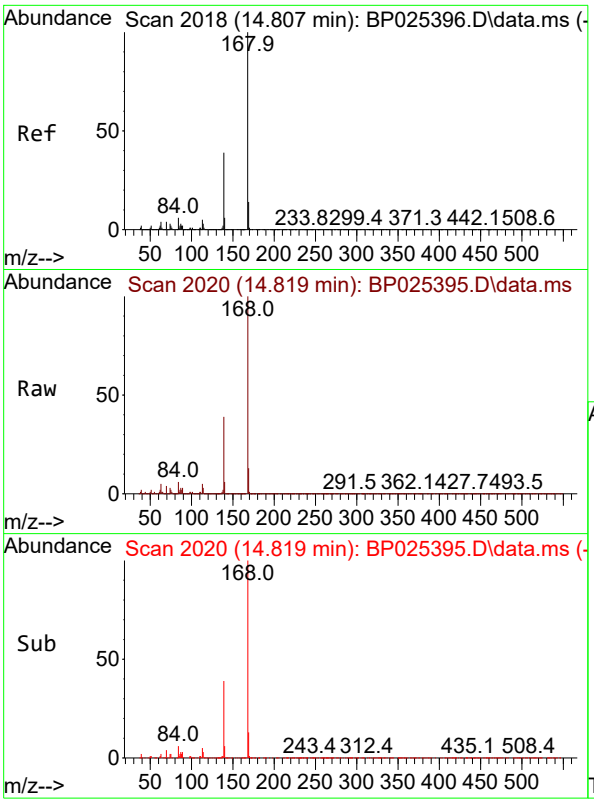


#54
2,4-Dinitrophenol
Concen: 16.939 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

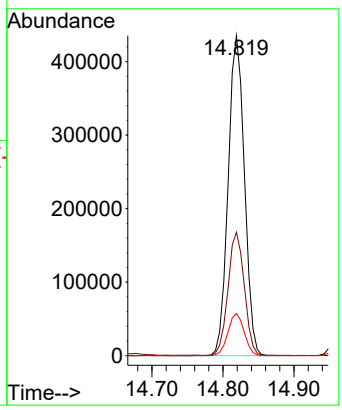




#55
Dibenzofuran
Concen: 20.002 ng
RT: 14.819 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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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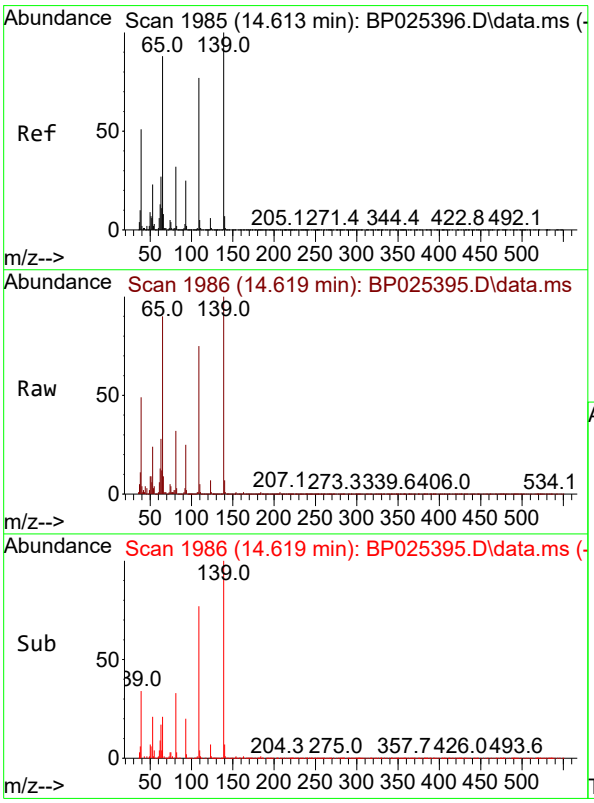
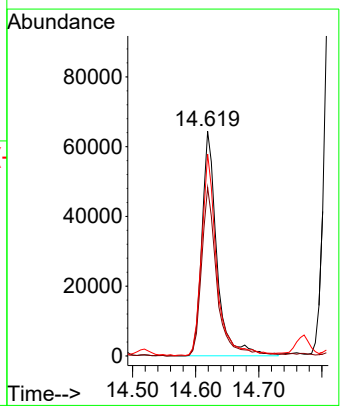
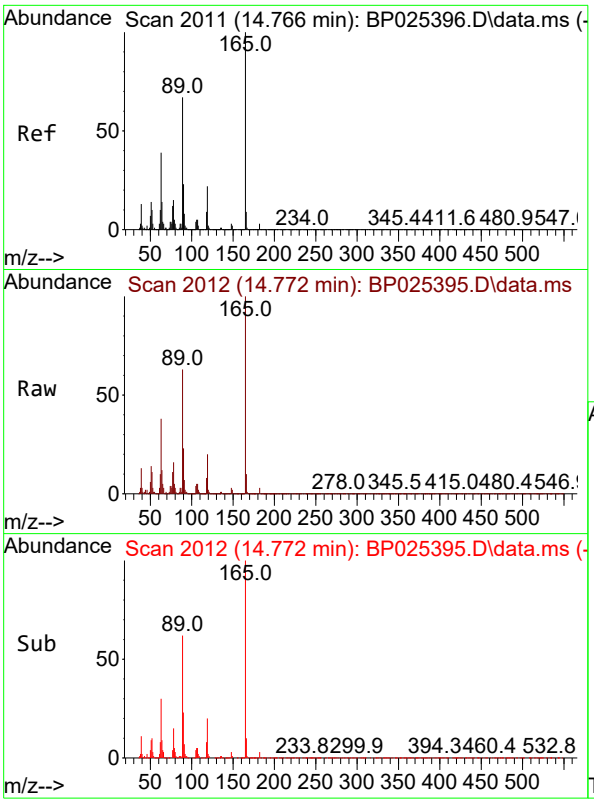


#56
4-Nitrophenol
Concen: 18.578 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:139 Resp: 105787

Ion	Ratio	Lower	Upper
139	100		
109	75.0	56.6	96.6
65	89.8	68.2	108.2

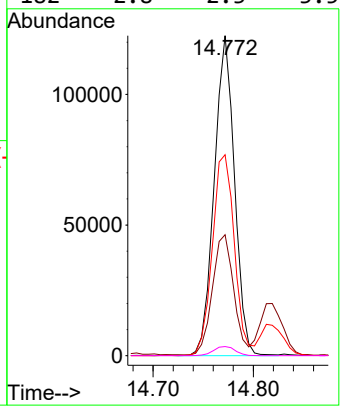




#57
2,4-Dinitrotoluene
Concen: 19.576 ng
RT: 14.772 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:165 Resp: 17202

Ion	Ratio	Lower	Upper
165	100		
63	37.8	31.4	47.2
89	62.8	53.3	79.9
182	2.8	2.3	3.5



Instrument :
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ClientSampleId :
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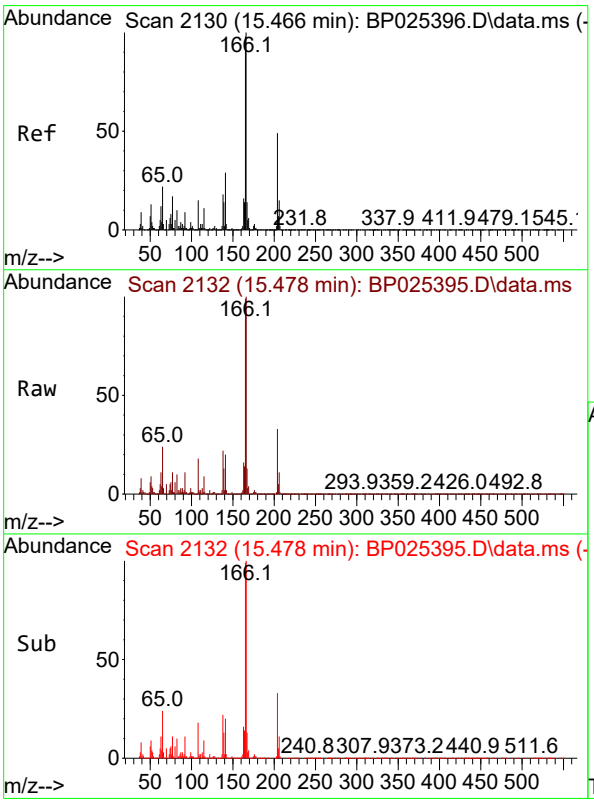
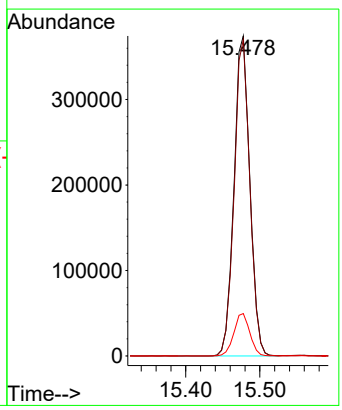
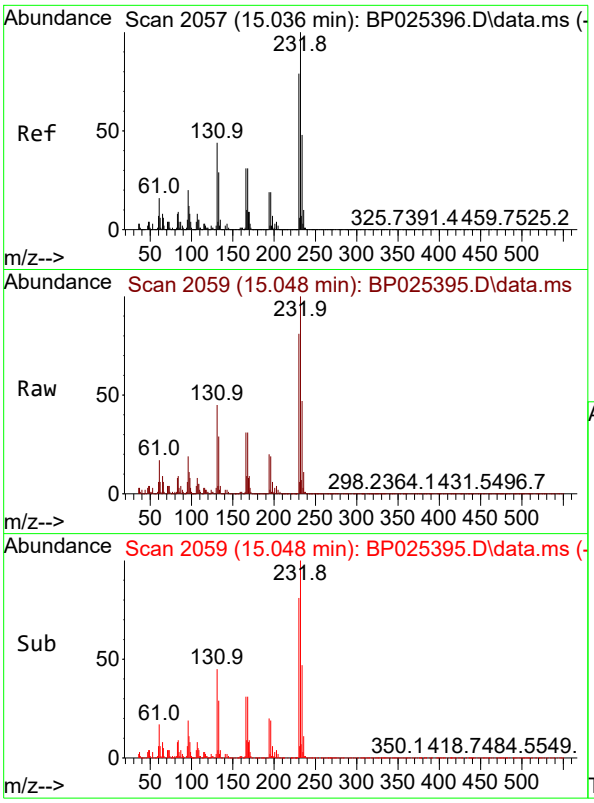


#58
Fluorene
Concen: 20.289 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:166 Resp: 554647

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.8	118.2
167	13.3	11.0	16.4

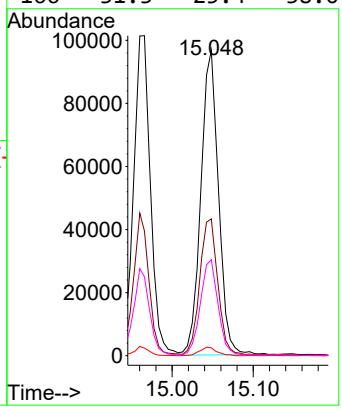




#59
2,3,4,6-Tetrachlorophenol
Concen: 19.381 ng
RT: 15.048 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:232 Resp: 14592

Ion	Ratio	Lower	Upper
232	100		
131	45.5	37.0	55.6
130	2.7	1.9	2.9
166	31.3	25.4	38.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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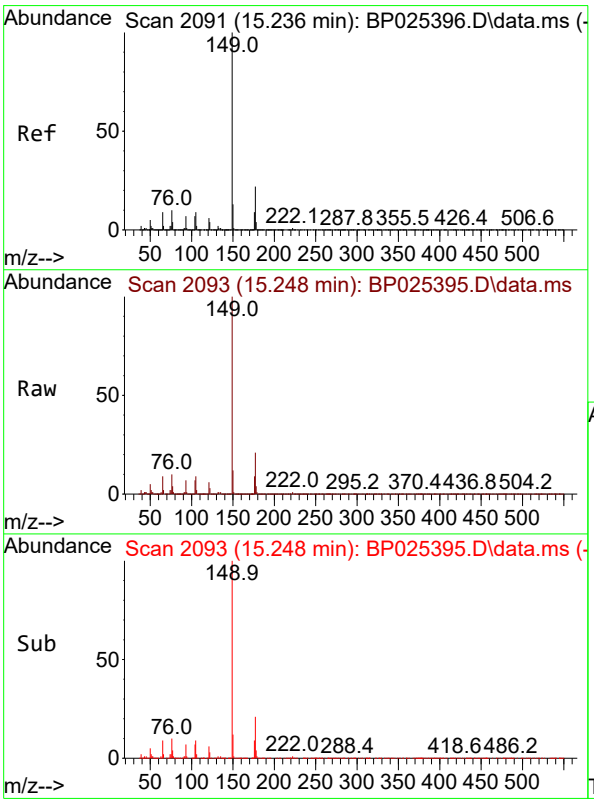
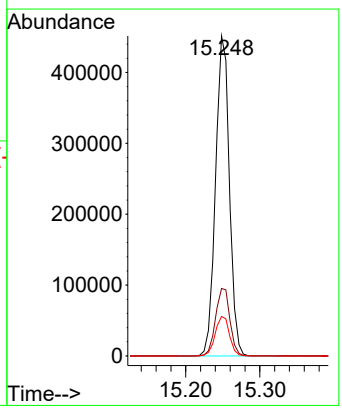
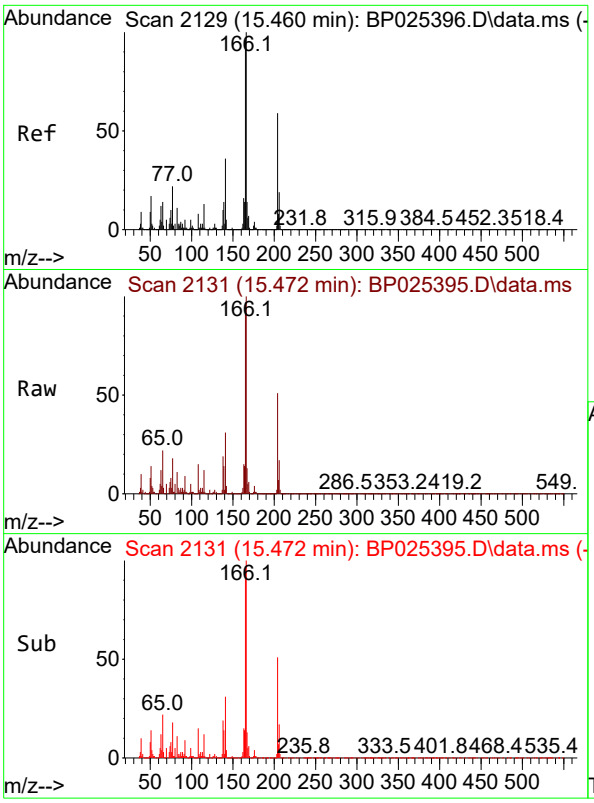


#60
Diethylphthalate
Concen: 19.689 ng
RT: 15.248 min Scan# 2093
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:149 Resp: 584590

Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.3	25.9
150	12.4	10.3	15.5

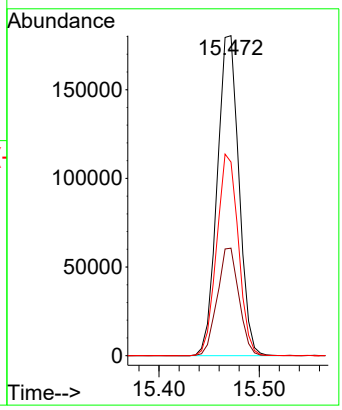




#61
4-Chlorophenyl-phenylether
Concen: 19.929 ng
RT: 15.472 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:204 Resp: 27094

Ion	Ratio	Lower	Upper
204	100		
206	33.6	25.8	38.8
141	60.5	49.4	74.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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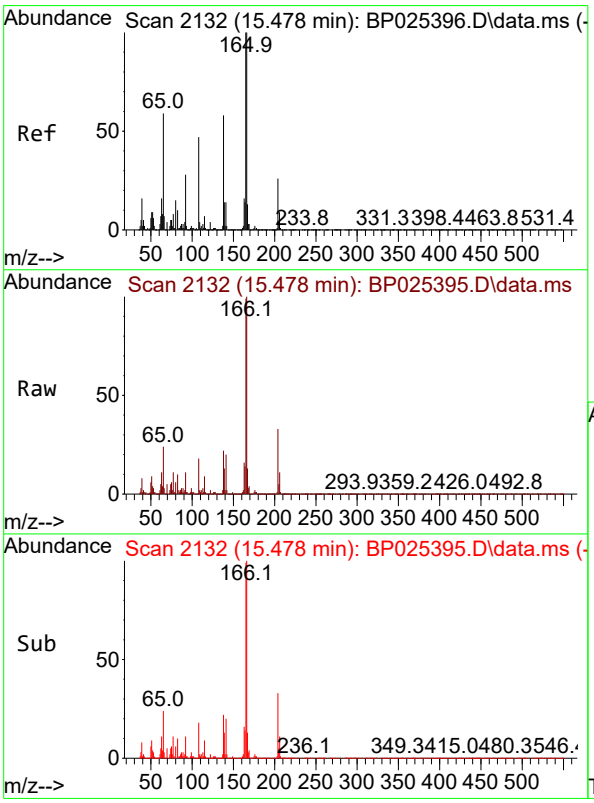
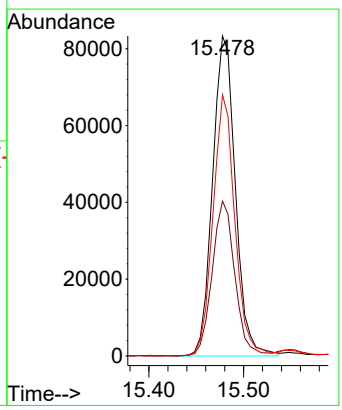
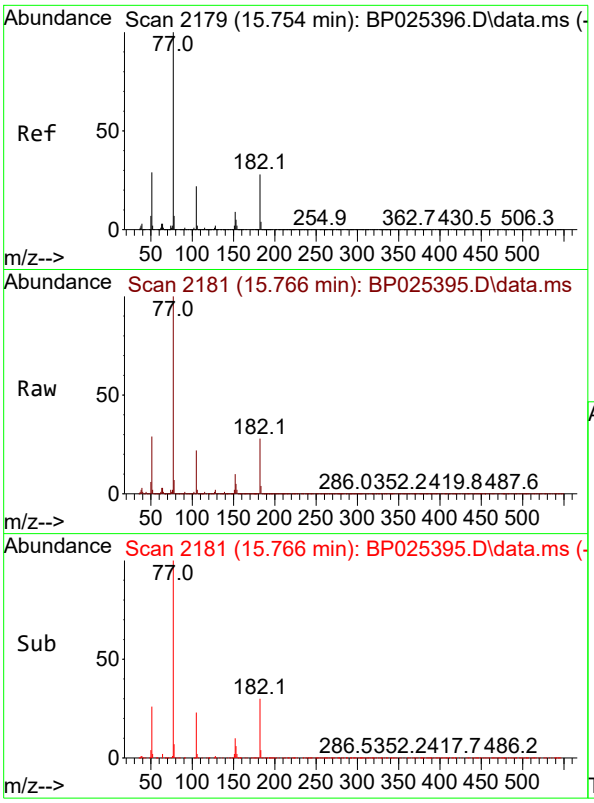


#62
4-Nitroaniline
Concen: 19.595 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:138 Resp: 139202

Ion	Ratio	Lower	Upper
138	100		
92	48.4	29.1	69.1
108	81.6	61.5	101.5

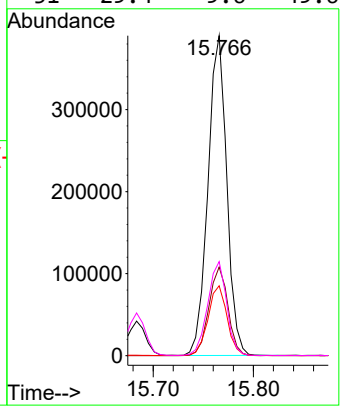




#63
Azobenzene
Concen: 20.004 ng
RT: 15.766 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 77 Resp: 50856

Ion	Ratio	Lower	Upper
77	100		
182	27.7	7.5	47.5
105	21.9	2.1	42.1
51	29.4	9.6	49.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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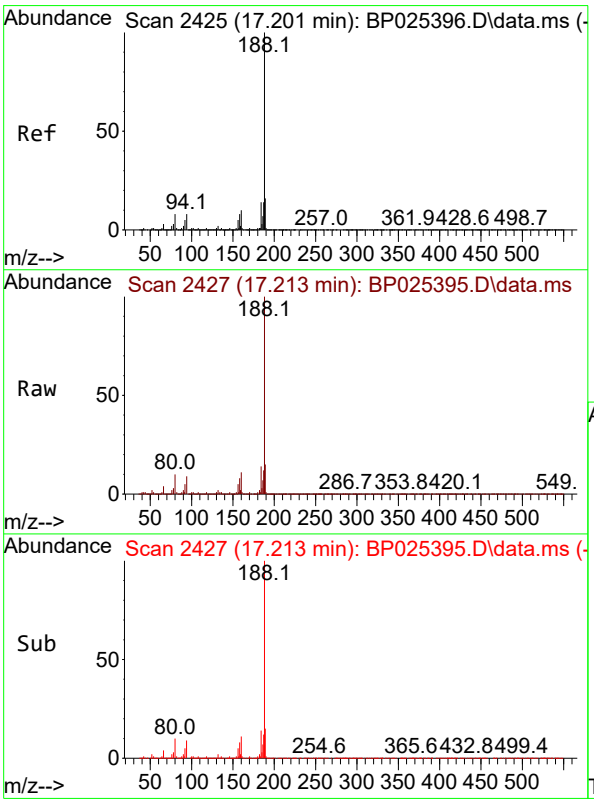
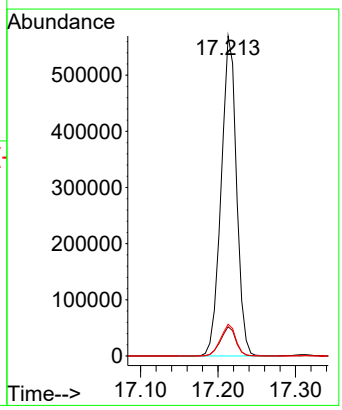
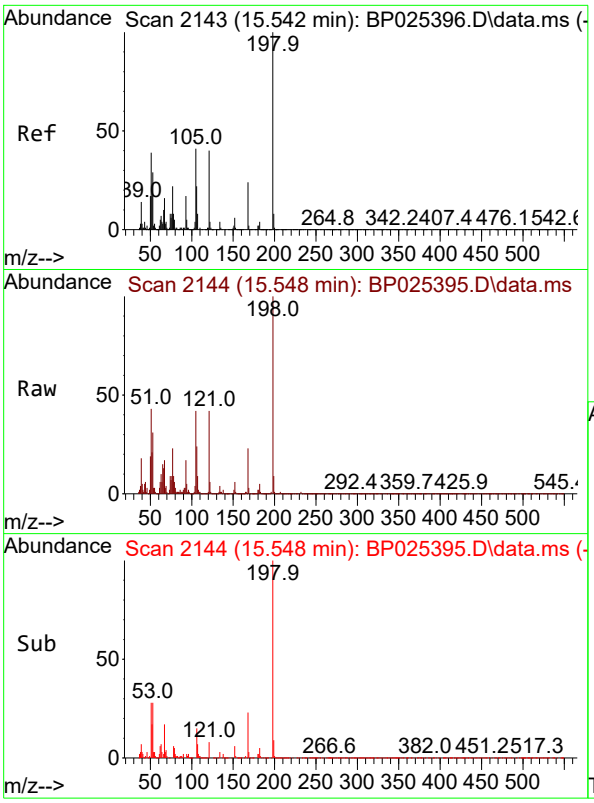


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:188 Resp: 785736

Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.6	10.0
80	9.9	6.7	10.1

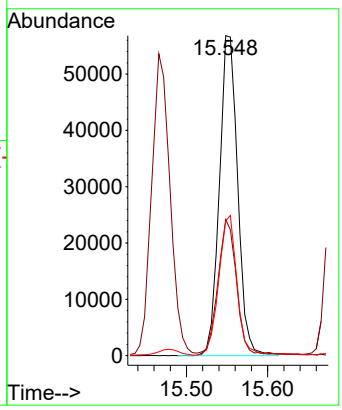




#65
4,6-Dinitro-2-methylphenol
Concen: 18.169 ng
RT: 15.548 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:198 Resp: 8899

Ion	Ratio	Lower	Upper
198	100		
51	42.6	19.6	59.6
105	42.2	20.9	60.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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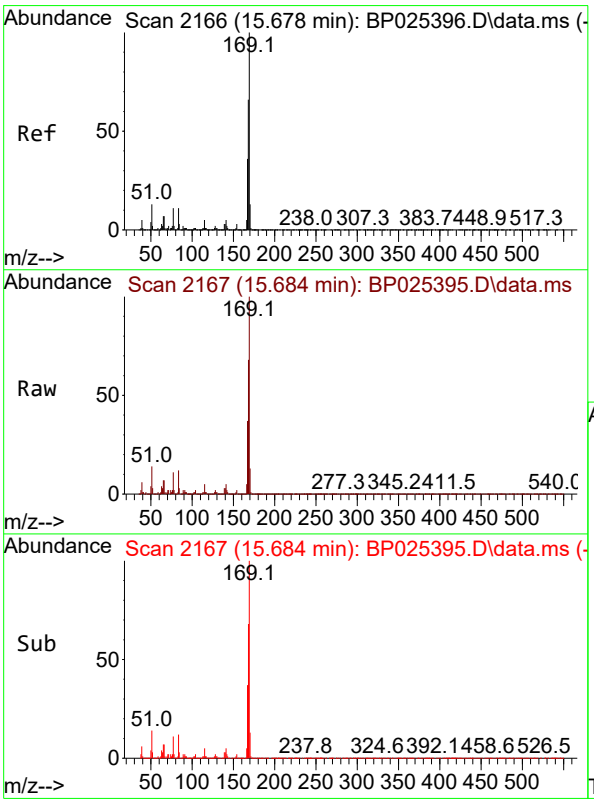
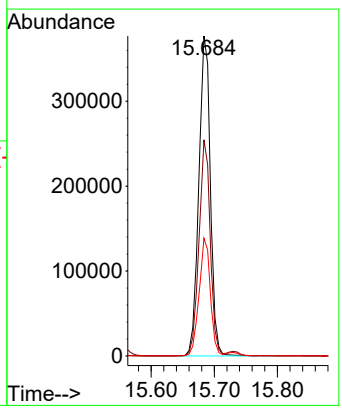
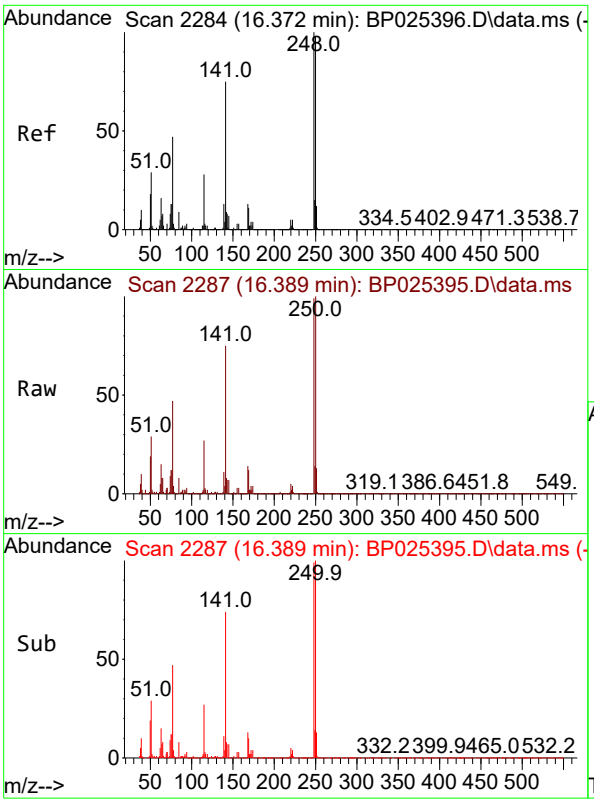


#66
n-Nitrosodiphenylamine
Concen: 19.911 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

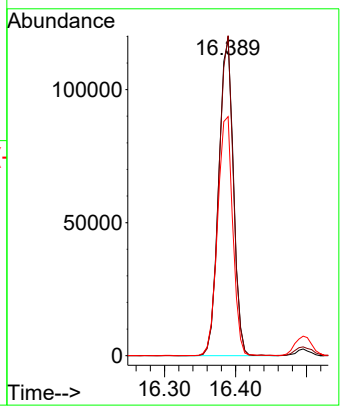




#67
4-Bromophenyl-phenylether
Concen: 19.758 ng
RT: 16.389 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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 :
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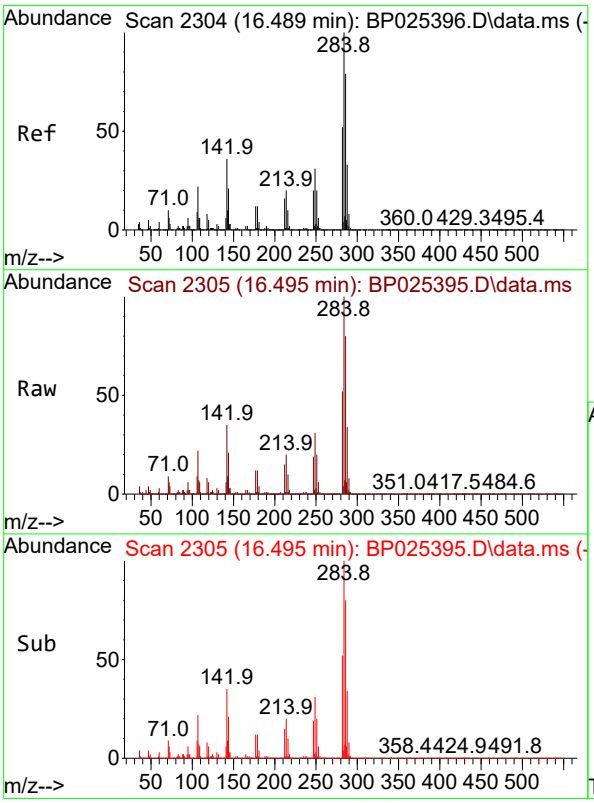
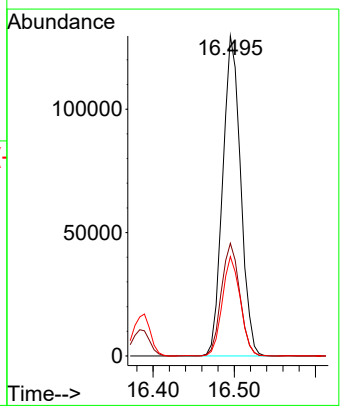
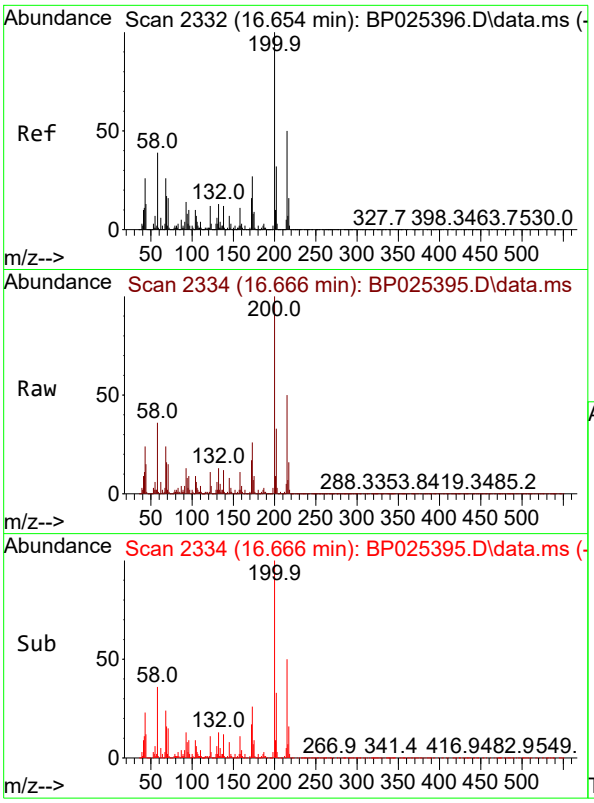


#68
Hexachlorobenzene
Concen: 19.906 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

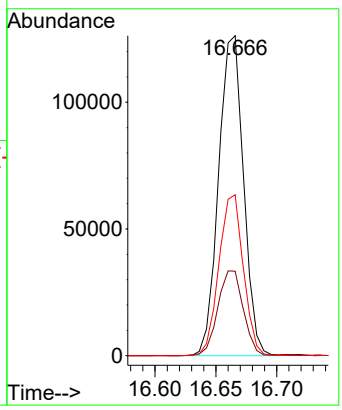




#69
Atrazine
Concen: 20.006 ng
RT: 16.666 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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 :
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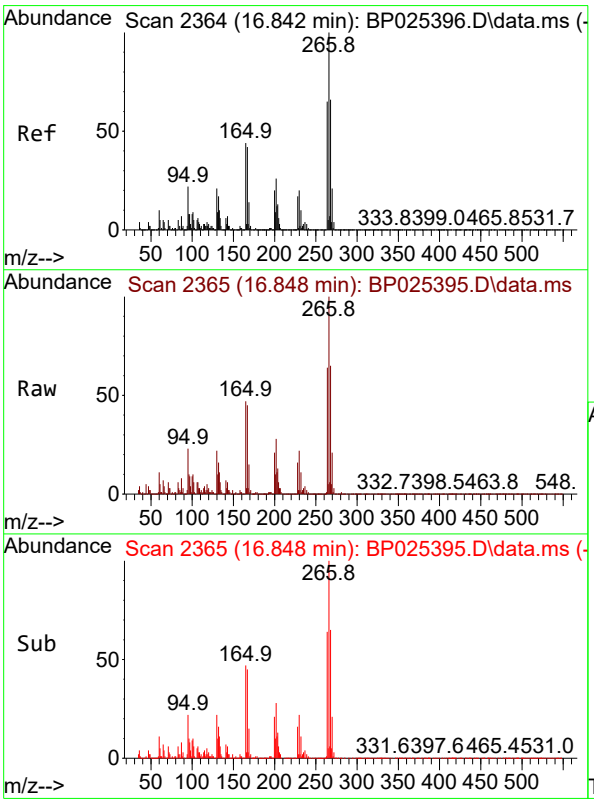
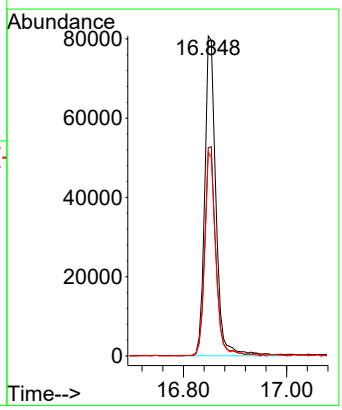
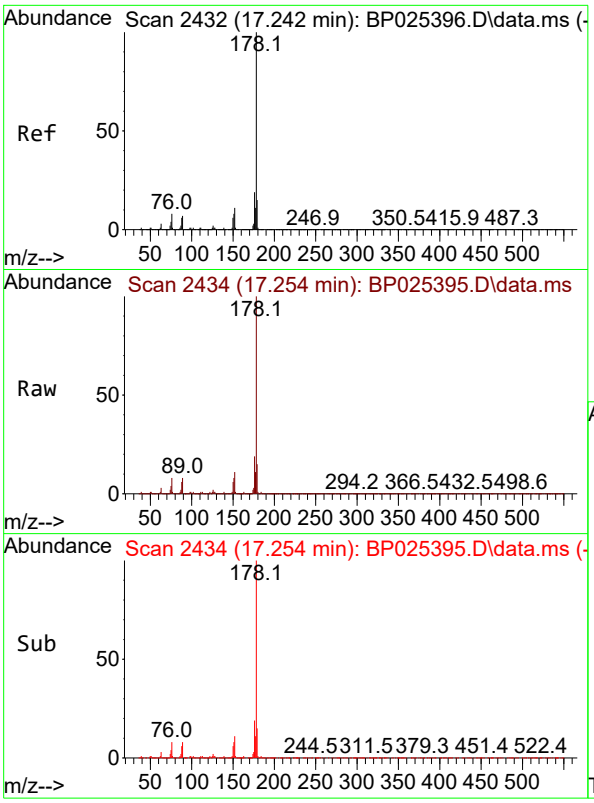


#70
Pentachlorophenol
Concen: 19.128 ng
RT: 16.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

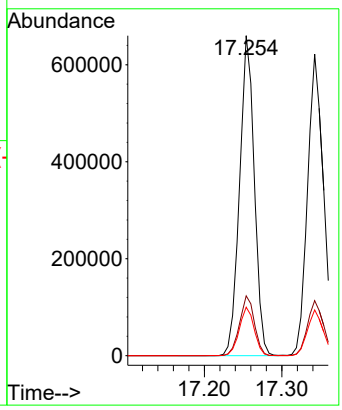




#71
Phenanthrene
Concen: 20.223 ng
RT: 17.254 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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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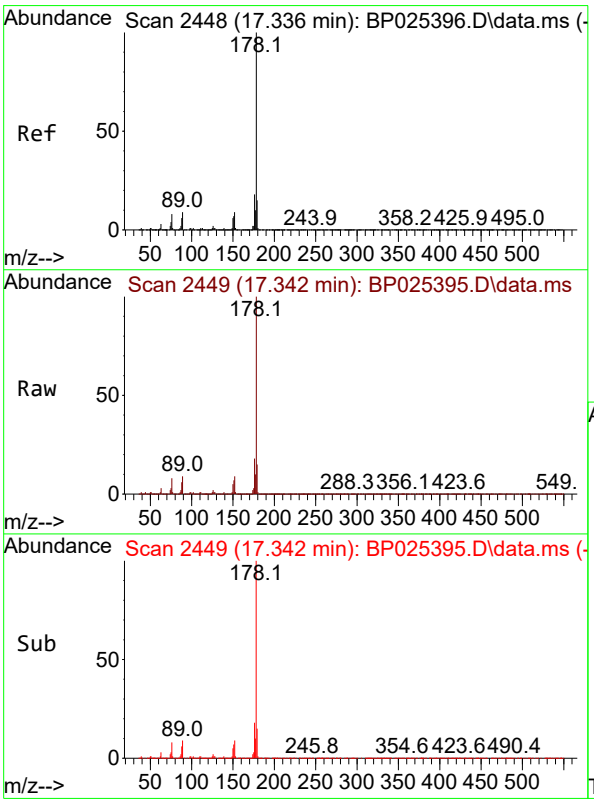
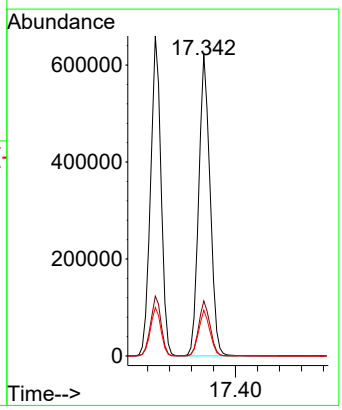
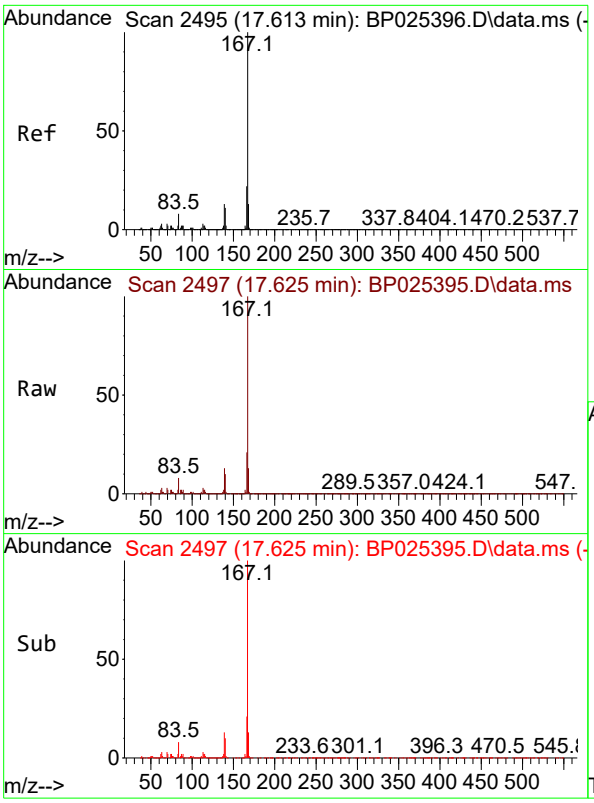


#72
Anthracene
Concen: 20.198 ng
RT: 17.342 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

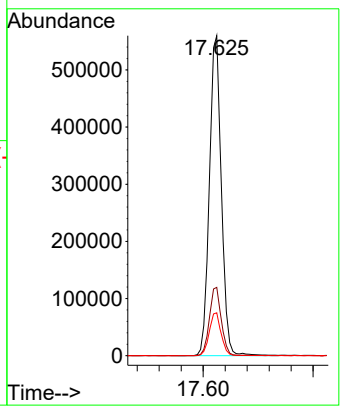




#73
Carbazole
Concen: 20.328 ng
RT: 17.625 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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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ClientSampleId :
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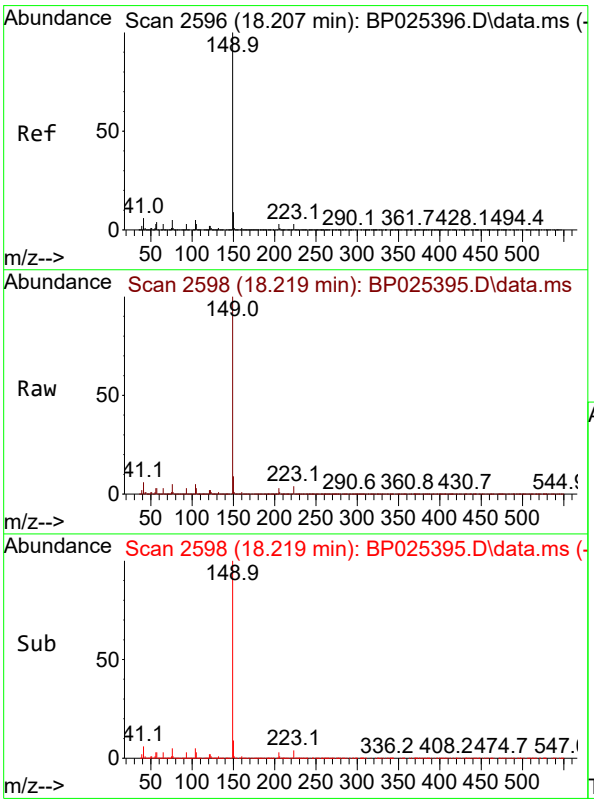
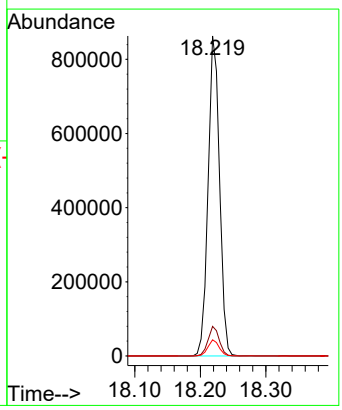
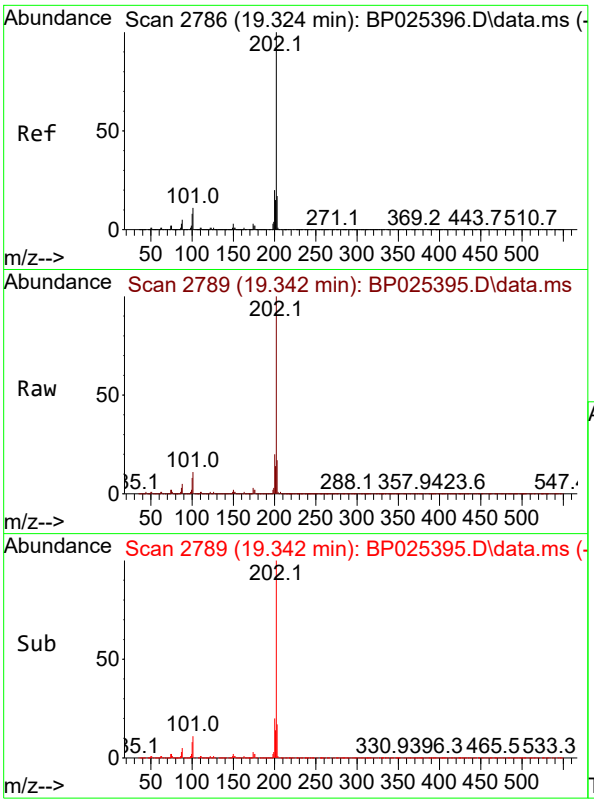


#74
Di-n-butylphthalate
Concen: 20.491 ng
RT: 18.219 min Scan# 2598
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

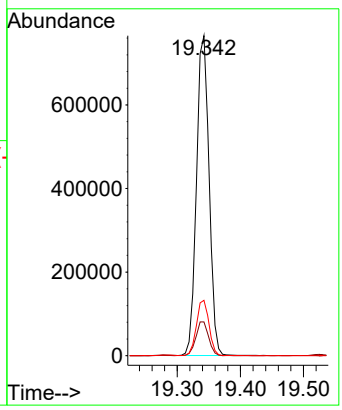




#75
Fluoranthene
Concen: 20.567 ng
RT: 19.342 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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



Instrument :
BNA_P
ClientSampleId :
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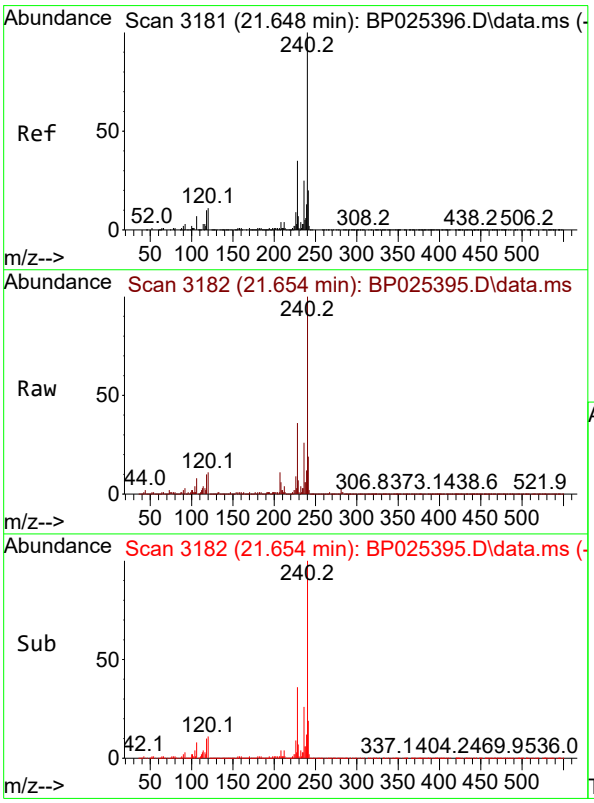
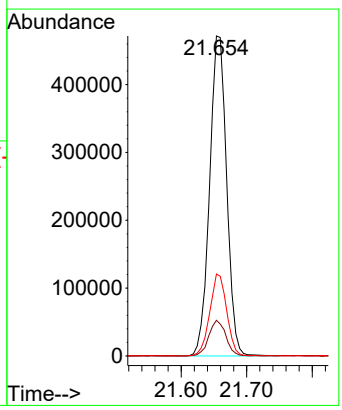
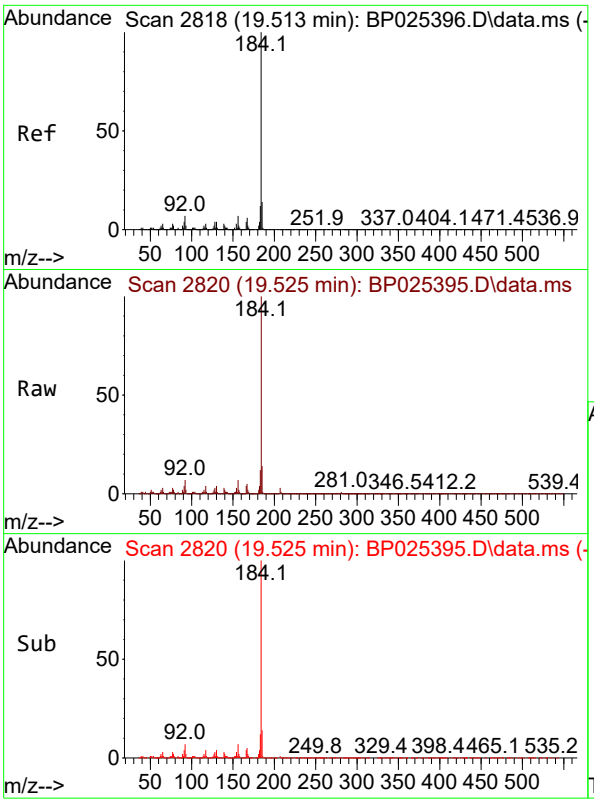


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3182
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

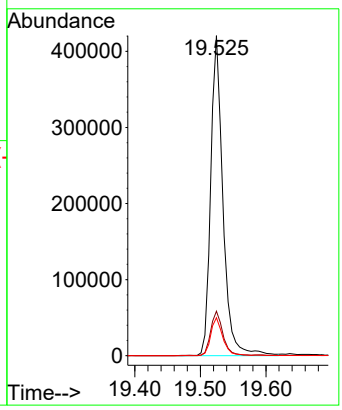




#77
Benzidine
Concen: 18.799 ng
RT: 19.525 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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 :
SSTDICC020

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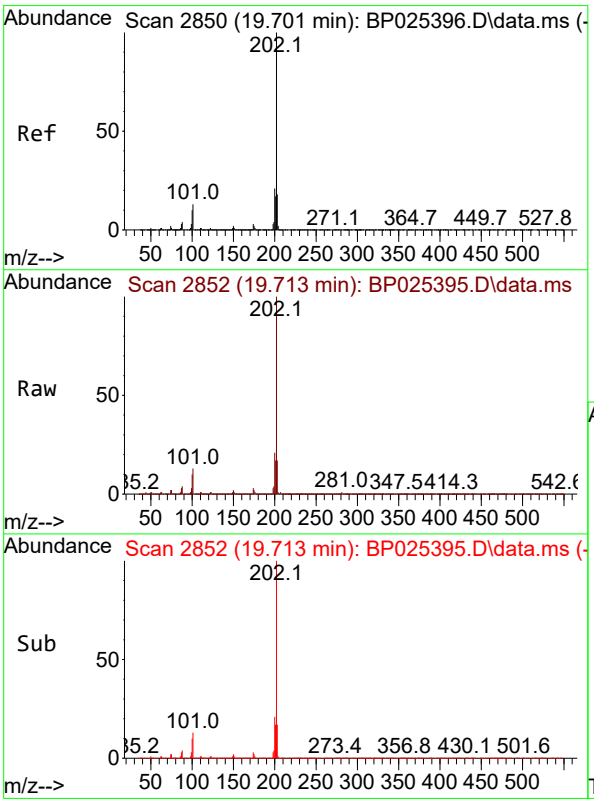
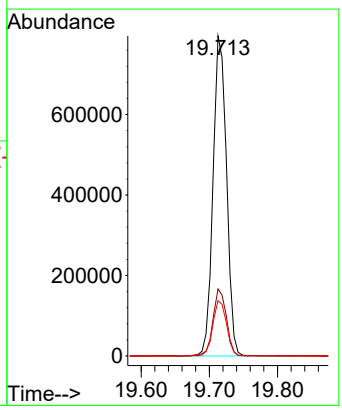
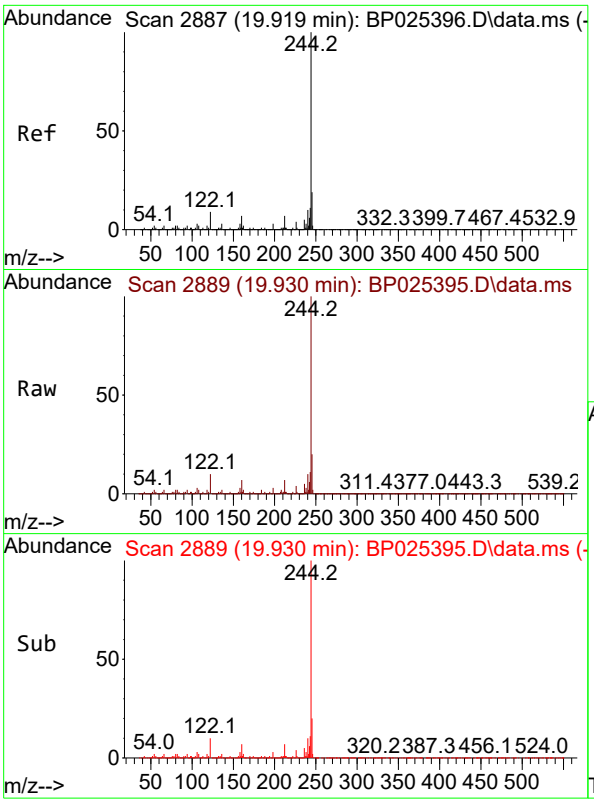


#78
Pyrene
Concen: 19.807 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

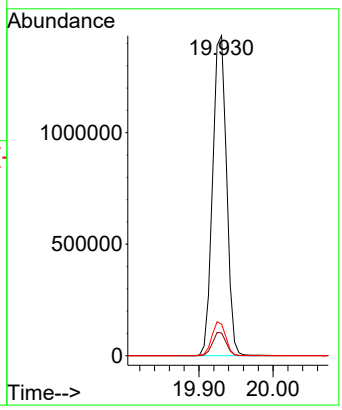




#79
Terphenyl-d14
Concen: 40.152 ng
RT: 19.930 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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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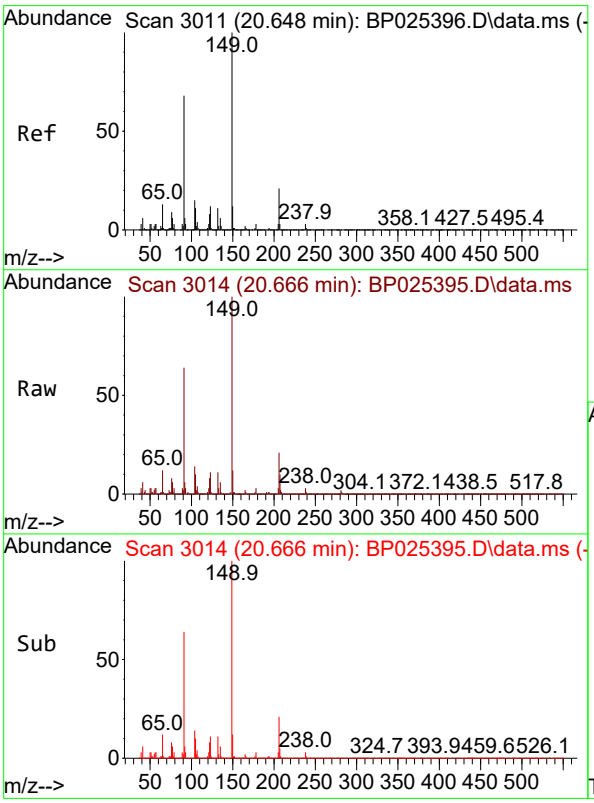
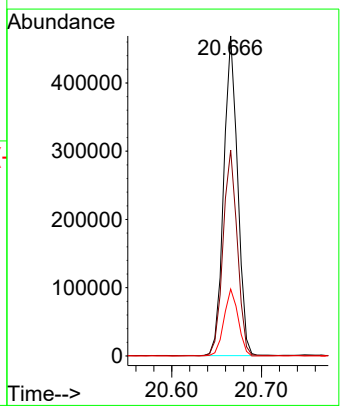
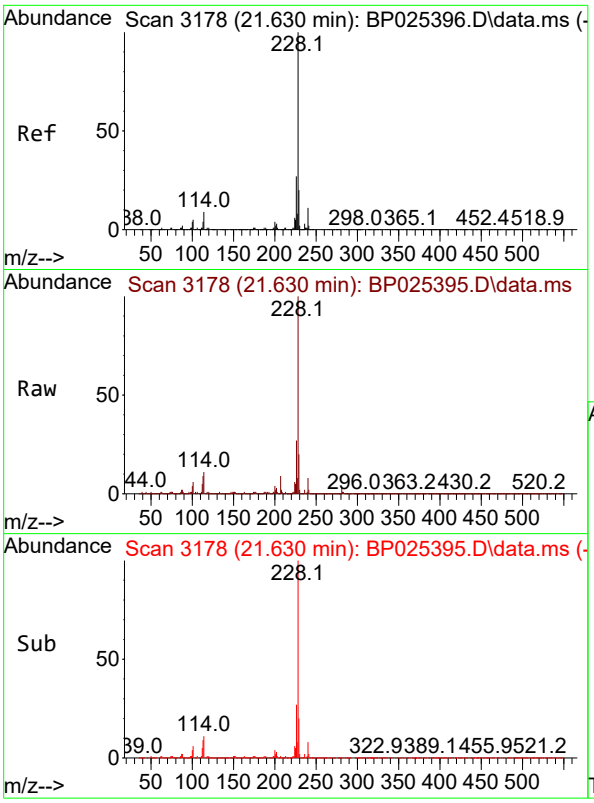


#80
Butylbenzylphthalate
Concen: 20.081 ng
RT: 20.666 min Scan# 3014
Delta R.T. 0.018 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

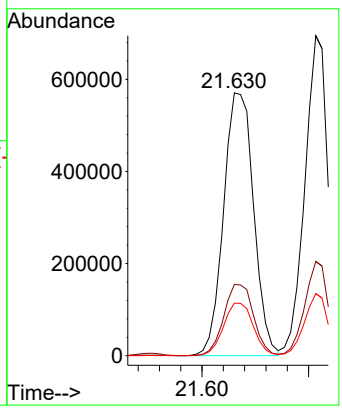




#81
Benzo(a)anthracene
Concen: 19.906 ng
RT: 21.630 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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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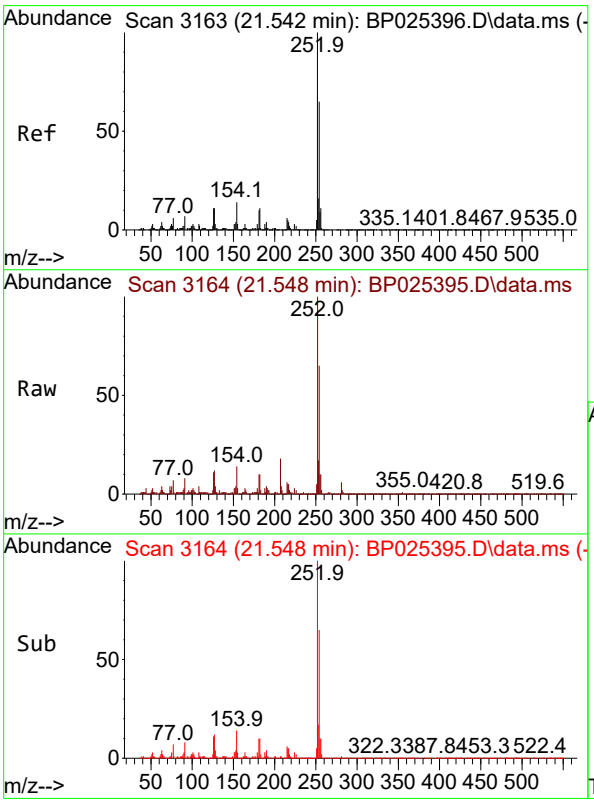
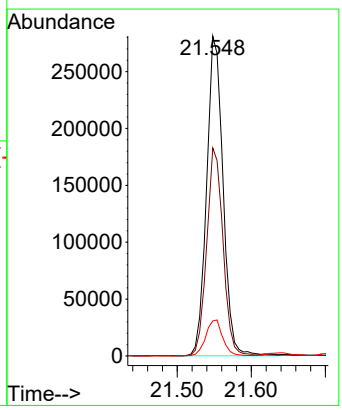
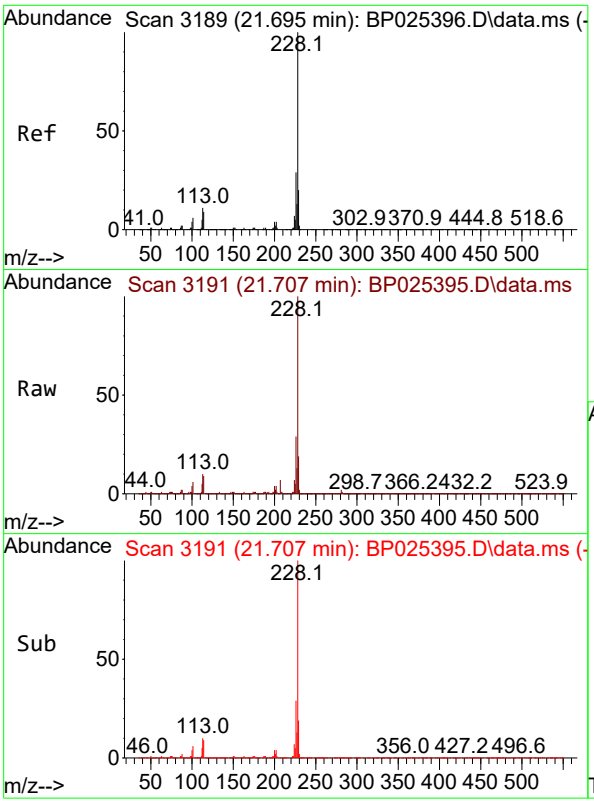


#82
3,3'-Dichlorobenzidine
Concen: 20.399 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

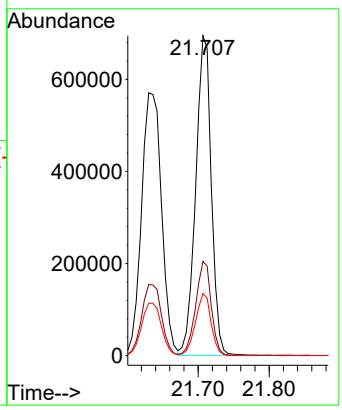




#83
Chrysene
Concen: 20.216 ng
RT: 21.707 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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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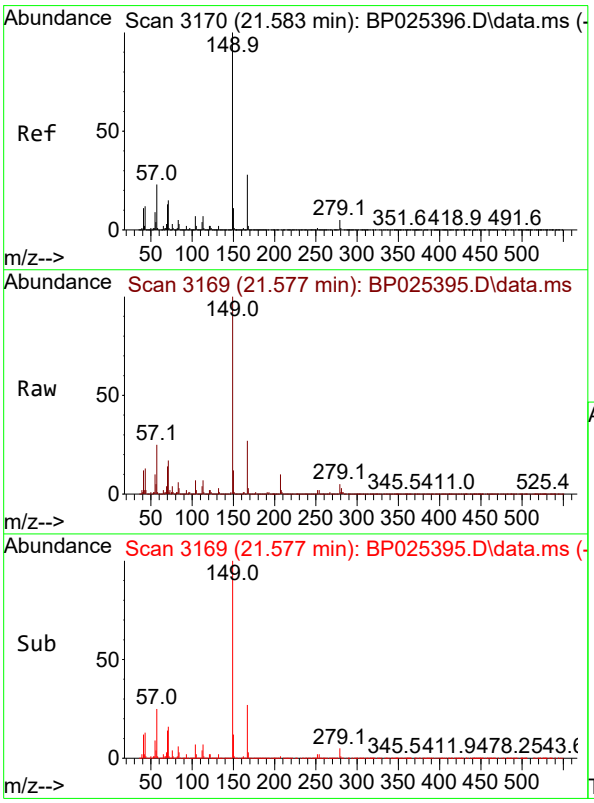
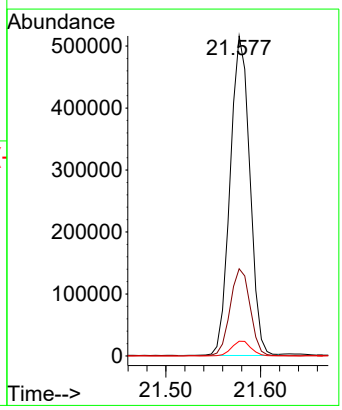
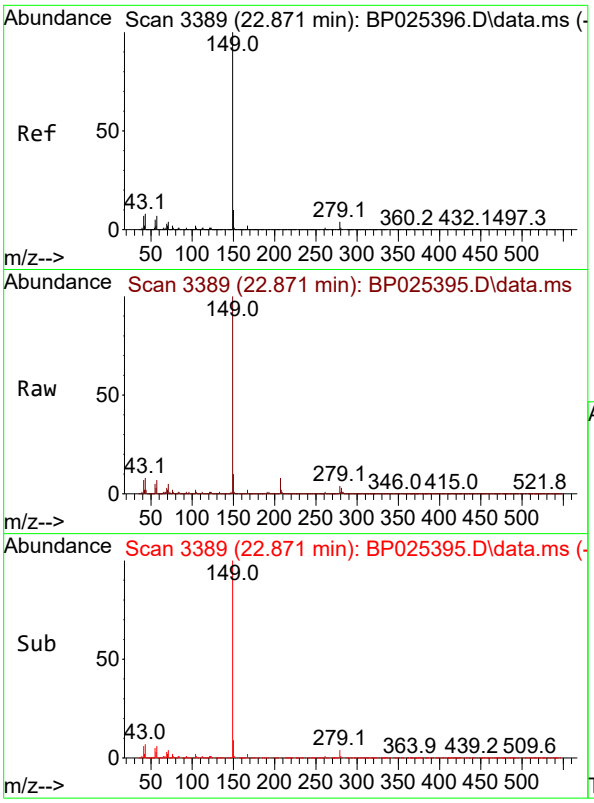


#84
Bis(2-ethylhexyl)phthalate
Concen: 20.155 ng
RT: 21.577 min Scan# 3169
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

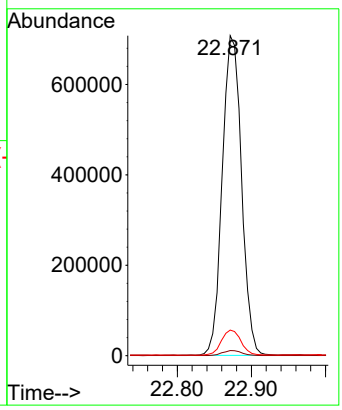




#85
Di-n-octyl phthalate
Concen: 20.091 ng
RT: 22.871 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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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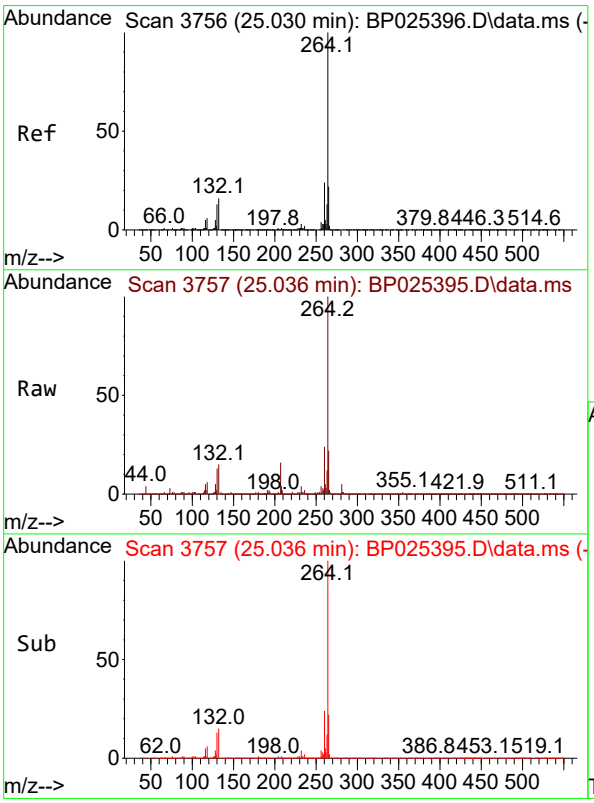
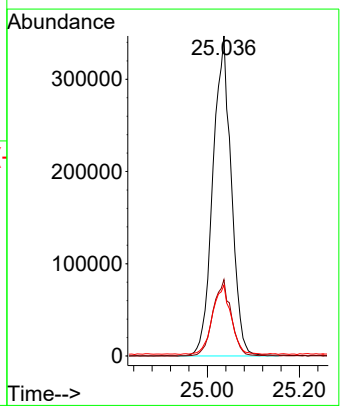
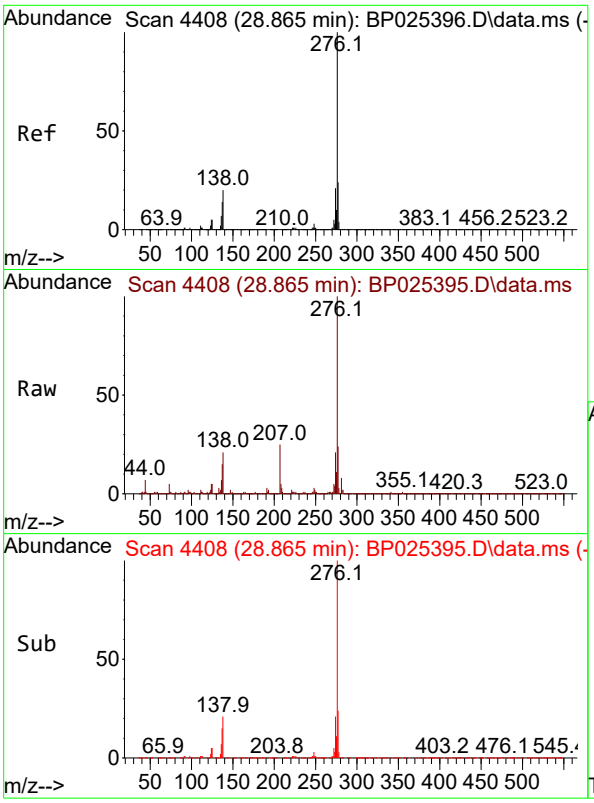


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

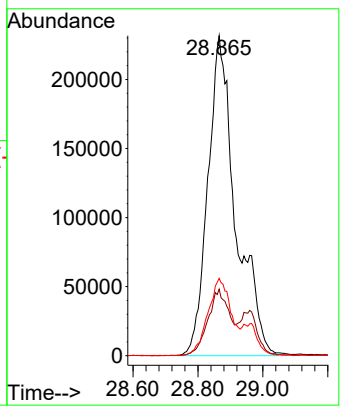




#87
Indeno(1,2,3-cd)pyrene
Concen: 19.627 ng m
RT: 28.865 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

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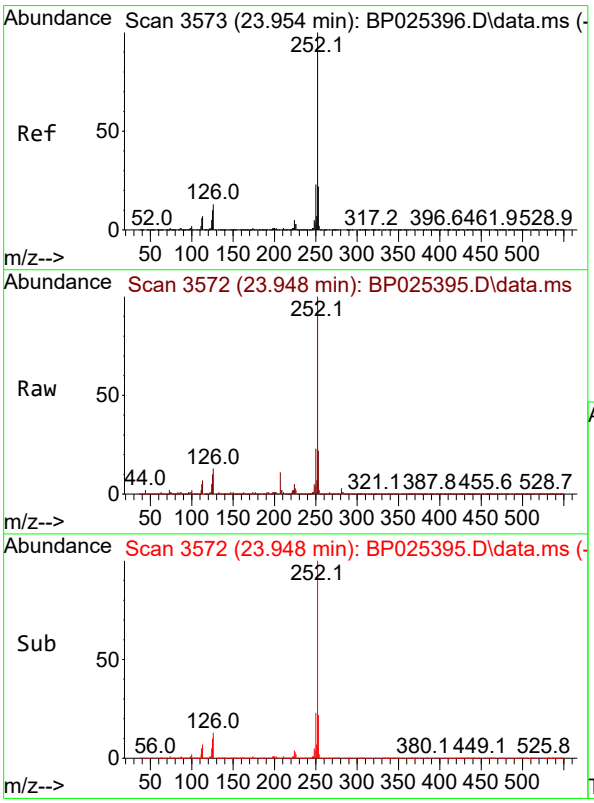
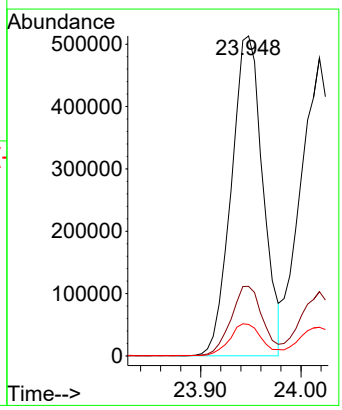
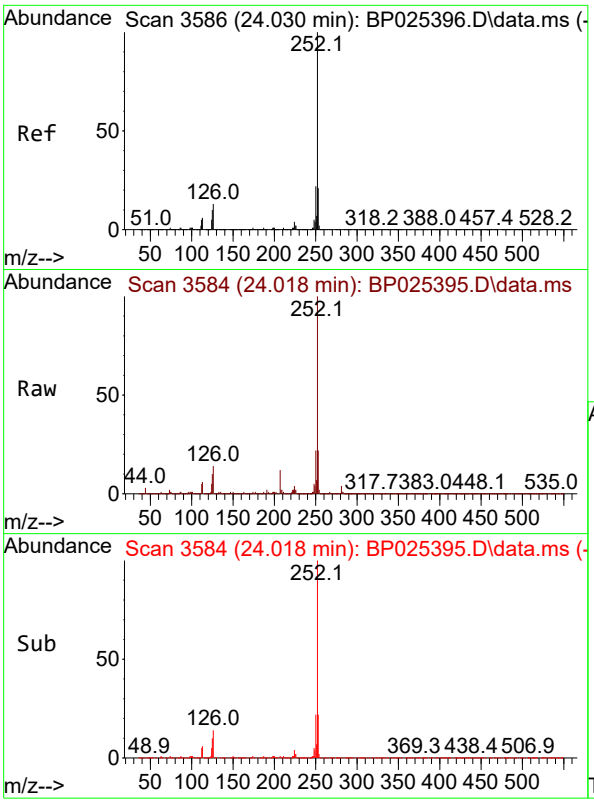


#88
Benzo(b)fluoranthene
Concen: 19.855 ng
RT: 23.948 min Scan# 3572
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

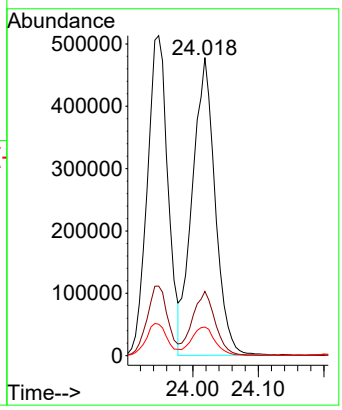




#89
Benzo(k)fluoranthene
Concen: 20.336 ng
RT: 24.018 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:252 Resp: 115036

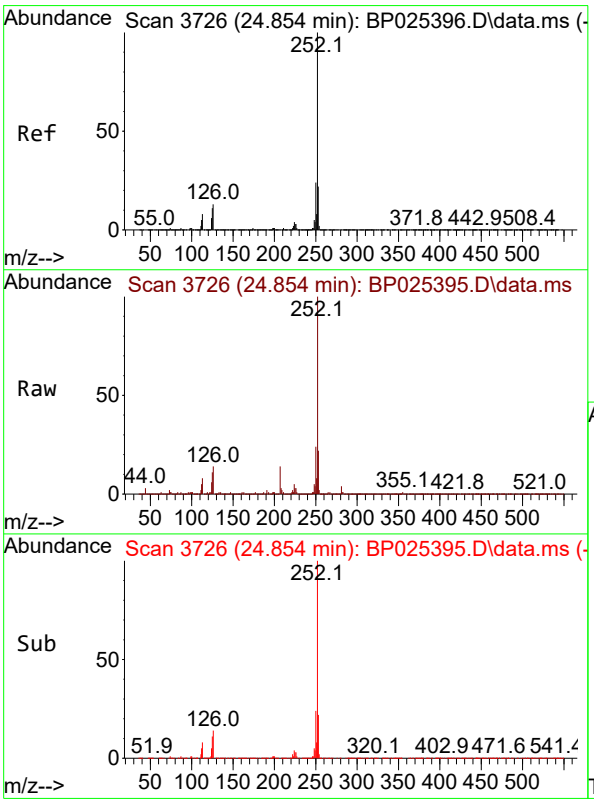
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	9.6	7.8	11.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

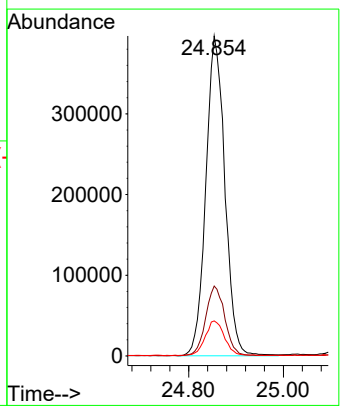
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

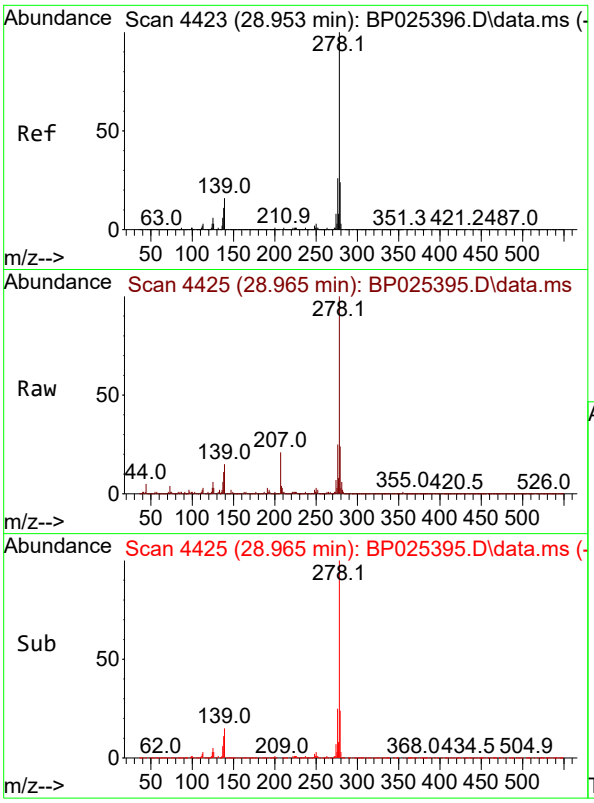


#90
Benzo(a)pyrene
Concen: 20.041 ng
RT: 24.854 min Scan# 3726
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

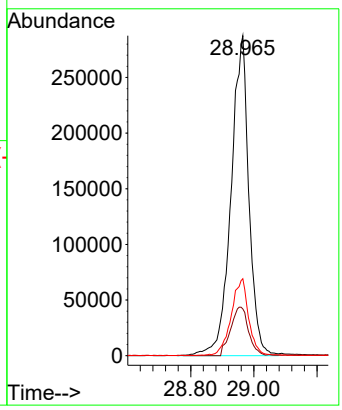




#91
Dibenzo(a,h)anthracene
Concen: 19.672 ng
RT: 28.965 min Scan# 44
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:278 Resp: 113020

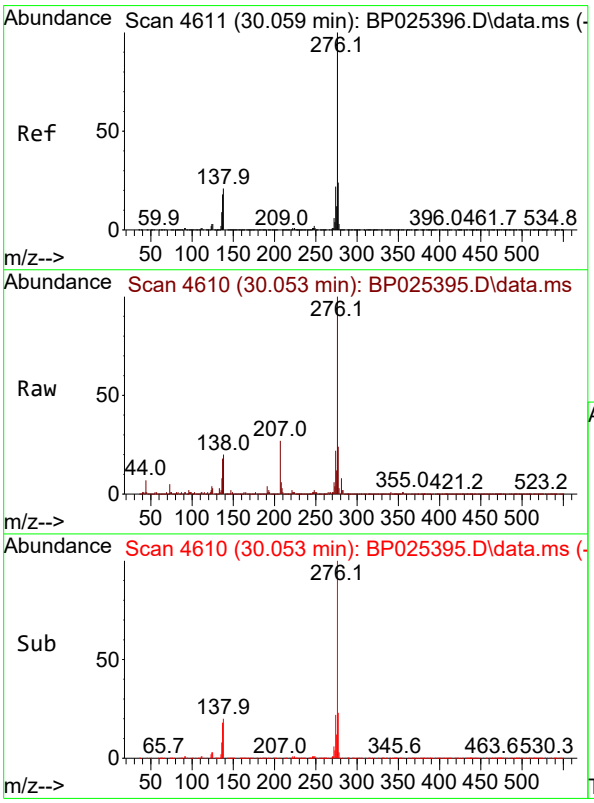
Ion	Ratio	Lower	Upper
278	100		
139	14.6	13.0	19.4
279	24.1	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

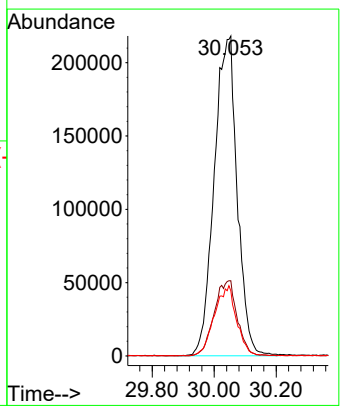
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#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

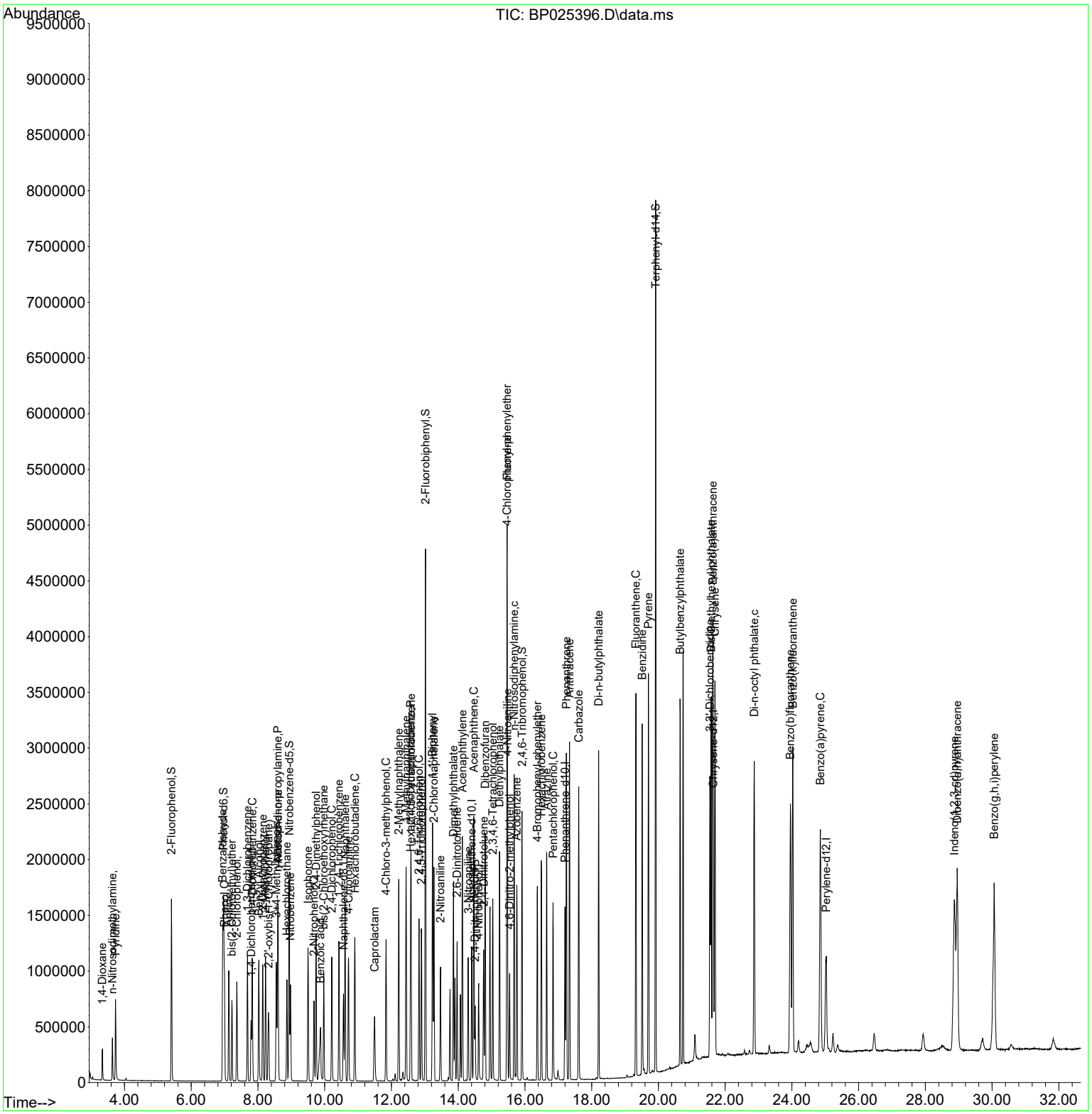
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025396.D
Acq On : 14 Aug 2025 15:19
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

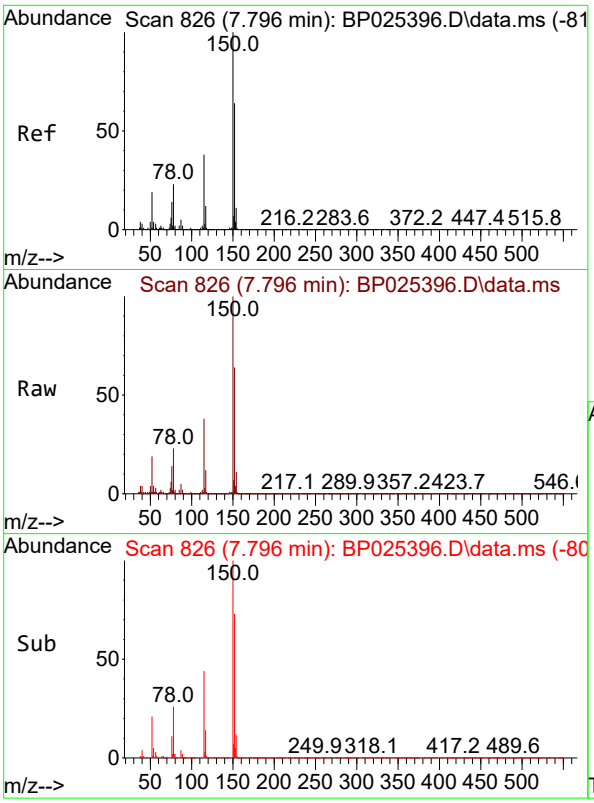
Quant Time: Aug 14 17:55:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

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

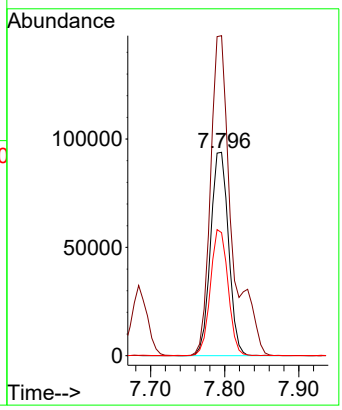




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:152 Resp: 15770

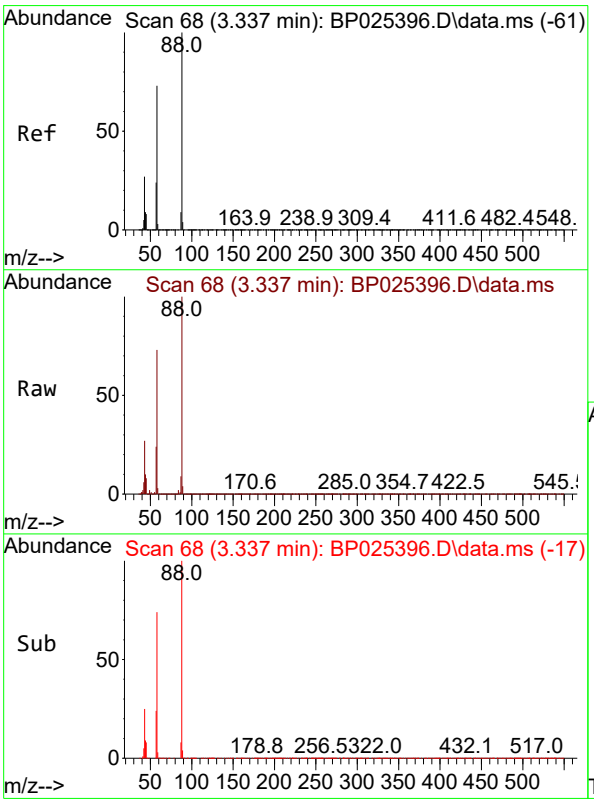
Ion	Ratio	Lower	Upper
152	100		
150	157.4	125.9	188.9
115	60.6	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

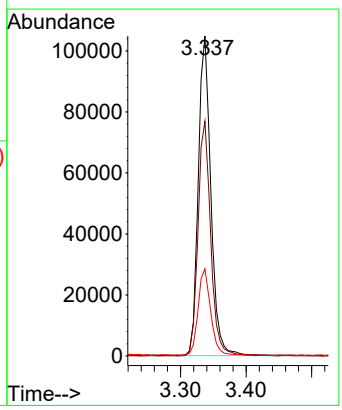
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

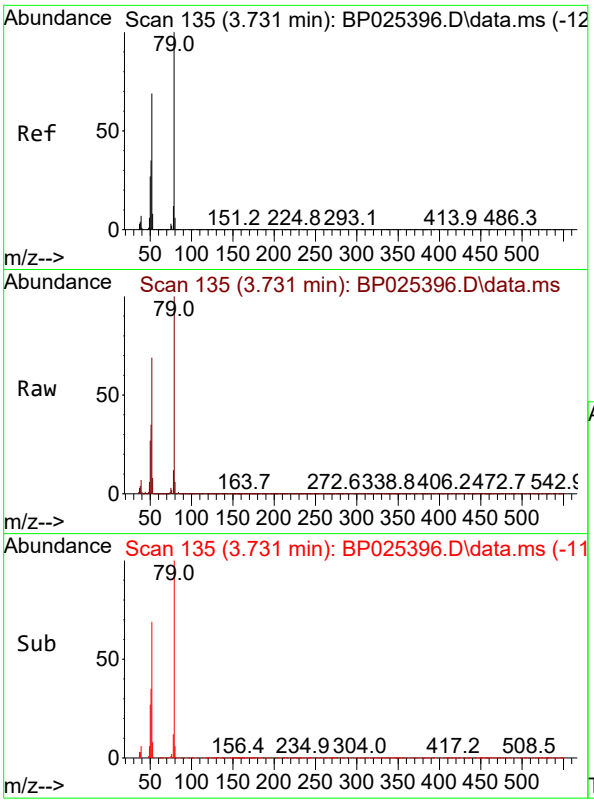


#2
1,4-Dioxane
Concen: 37.726 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

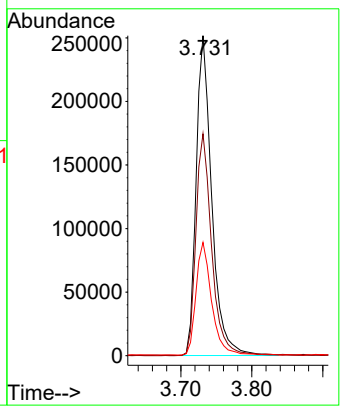




#3
Pyridine
Concen: 37.809 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 79 Resp: 38493

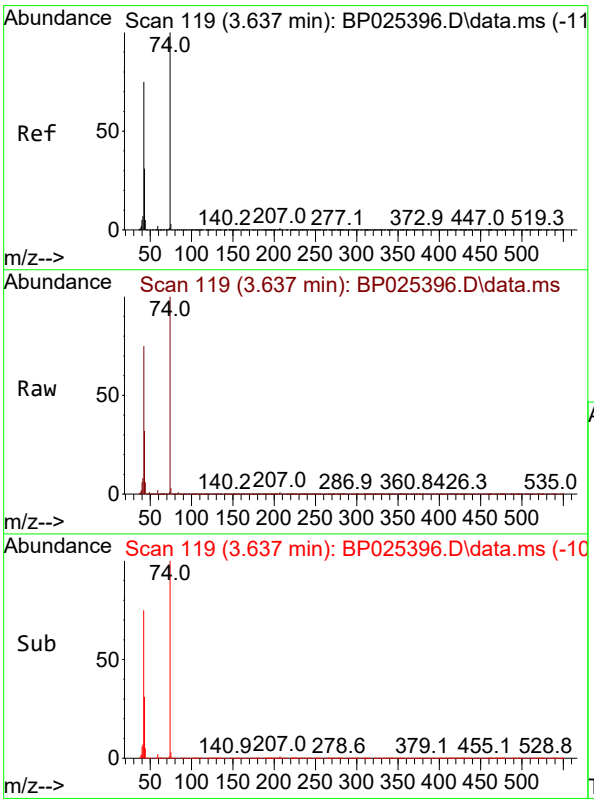
Ion	Ratio	Lower	Upper
79	100		
52	69.4	55.5	83.3
51	35.4	28.3	42.5



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

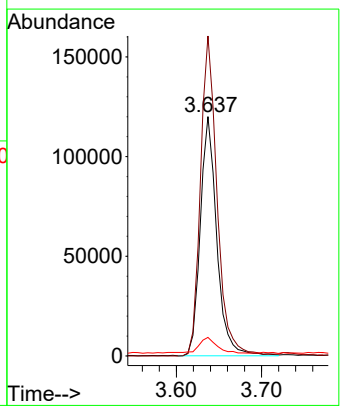
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

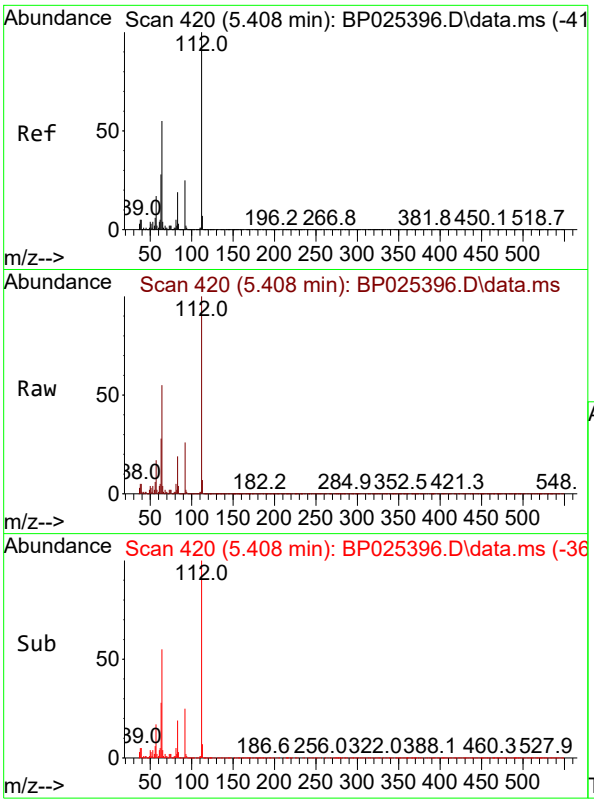


#4
n-Nitrosodimethylamine
Concen: 38.421 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

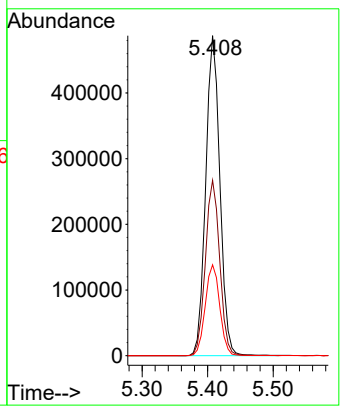




#5
2-Fluorophenol
Concen: 77.209 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:112 Resp: 73319

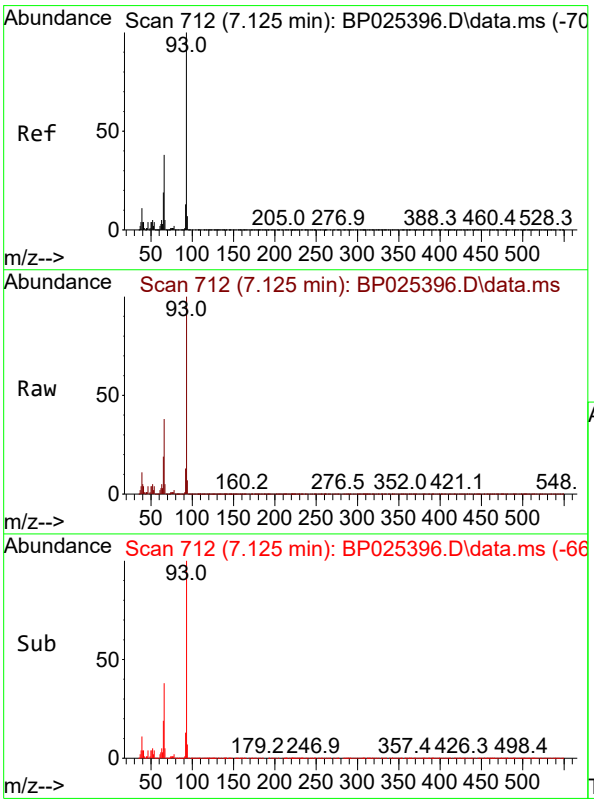
Ion	Ratio	Lower	Upper
112	100		
64	54.8	43.8	65.8
63	28.4	22.7	34.1



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

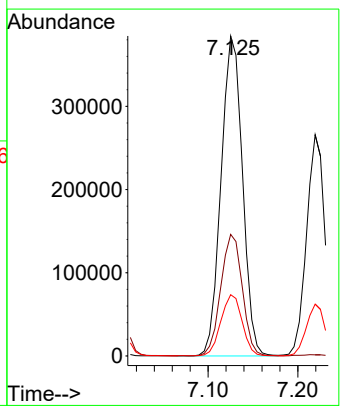
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

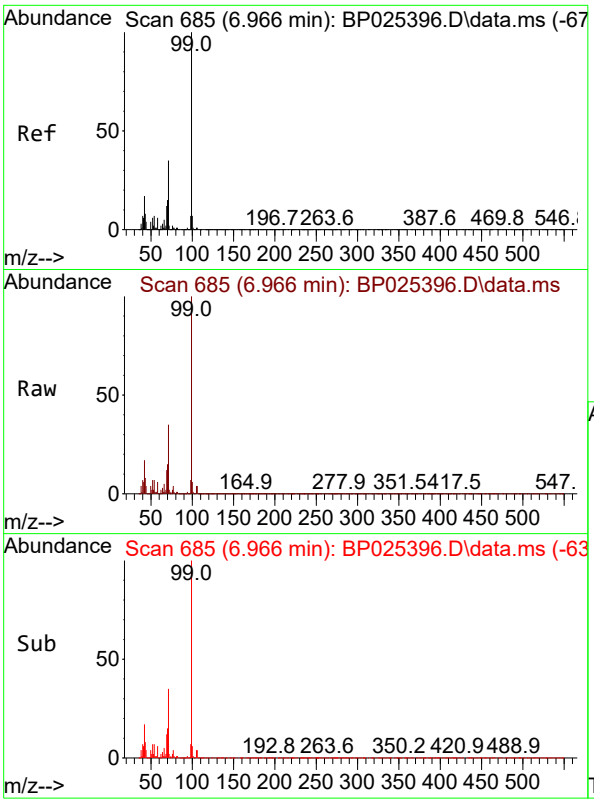


#6
Aniline
Concen: 38.842 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 93 Resp: 637156

Ion	Ratio	Lower	Upper
93	100		
66	38.0	30.4	45.6
65	19.1	15.3	22.9

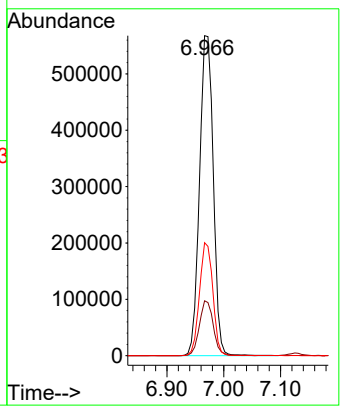




#7
Phenol-d6
Concen: 78.381 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 99 Resp: 95428

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.7	20.5
71	35.3	28.2	42.4



Instrument :
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ClientSampleId :
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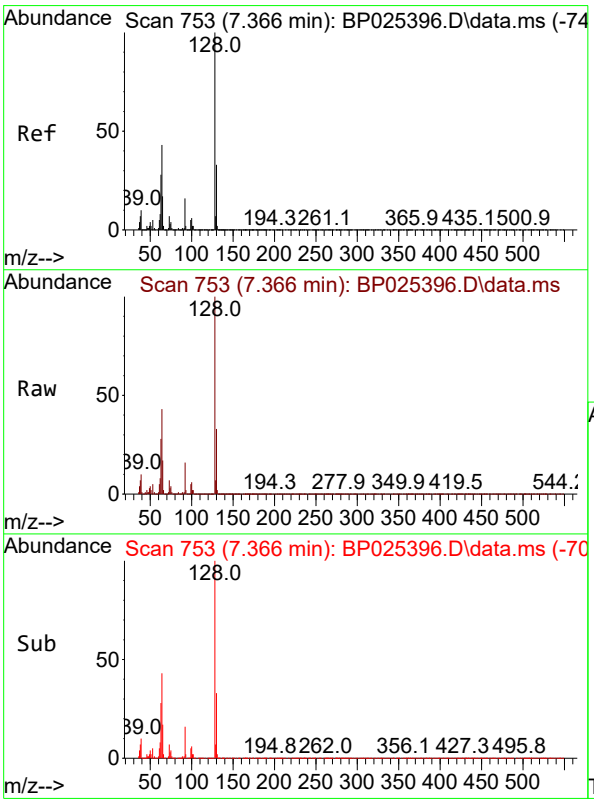
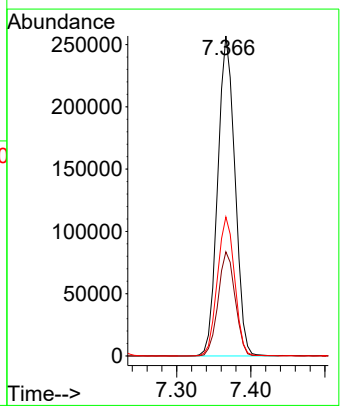
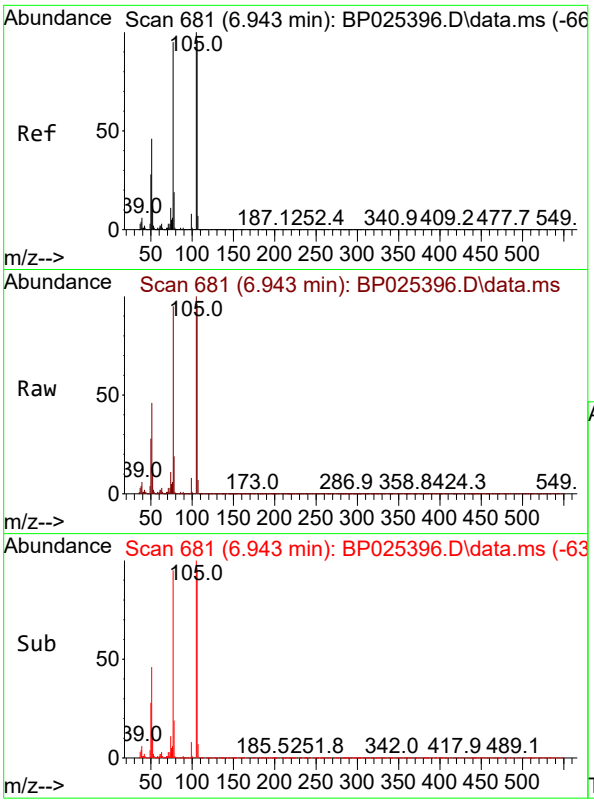


#8
2-Chlorophenol
Concen: 38.655 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

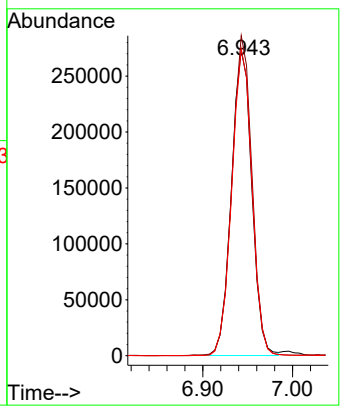




#9
Benzaldehyde
Concen: 50.493 ng
RT: 6.943 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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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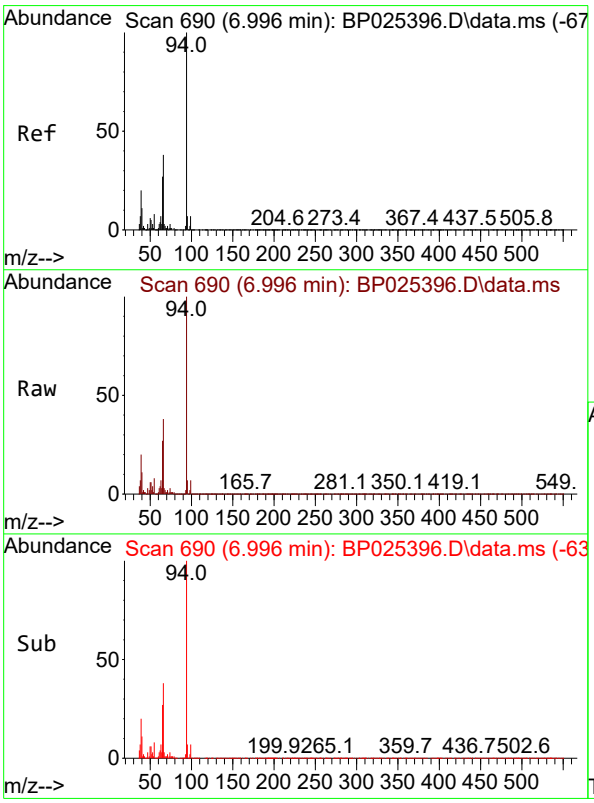
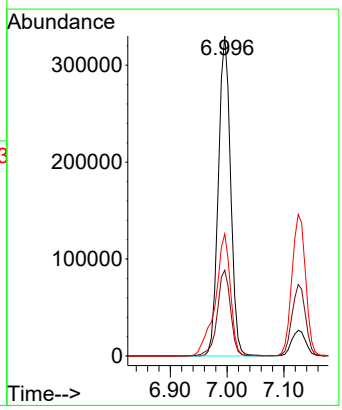
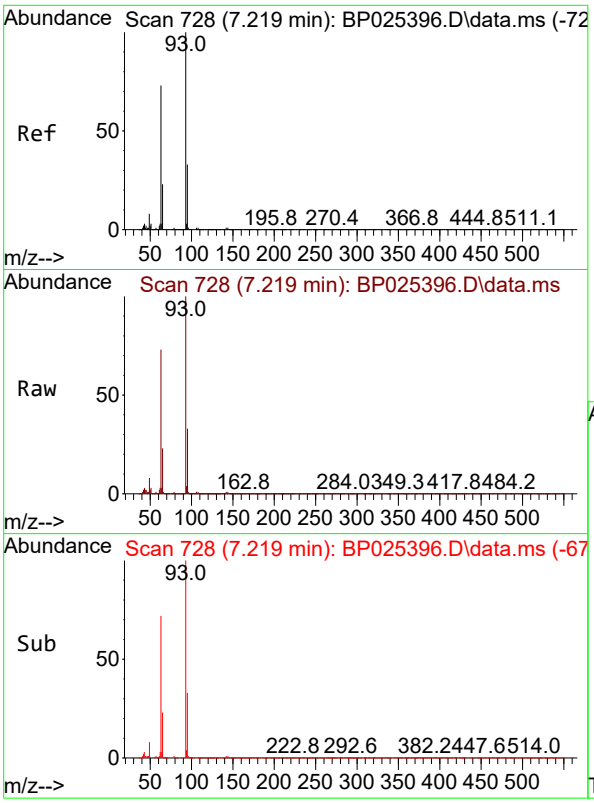


#10
Phenol
Concen: 38.884 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

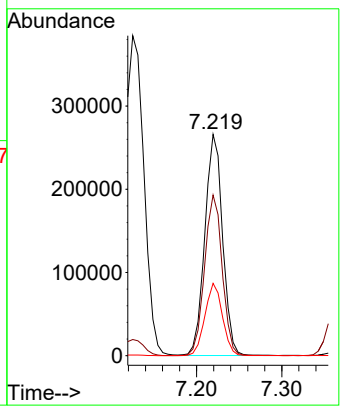




#11
bis(2-Chloroethyl)ether
Concen: 38.698 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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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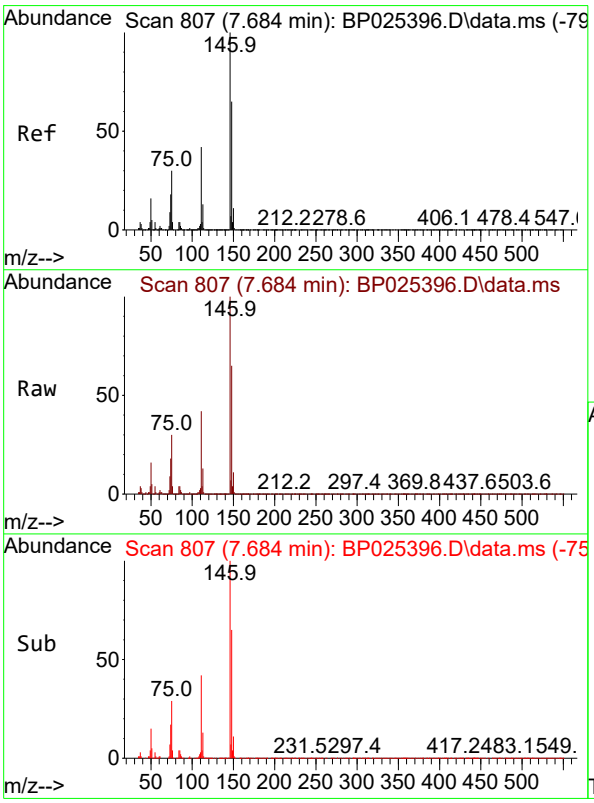
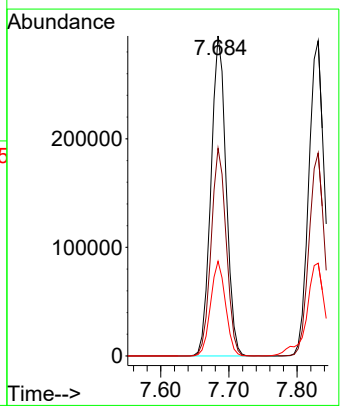
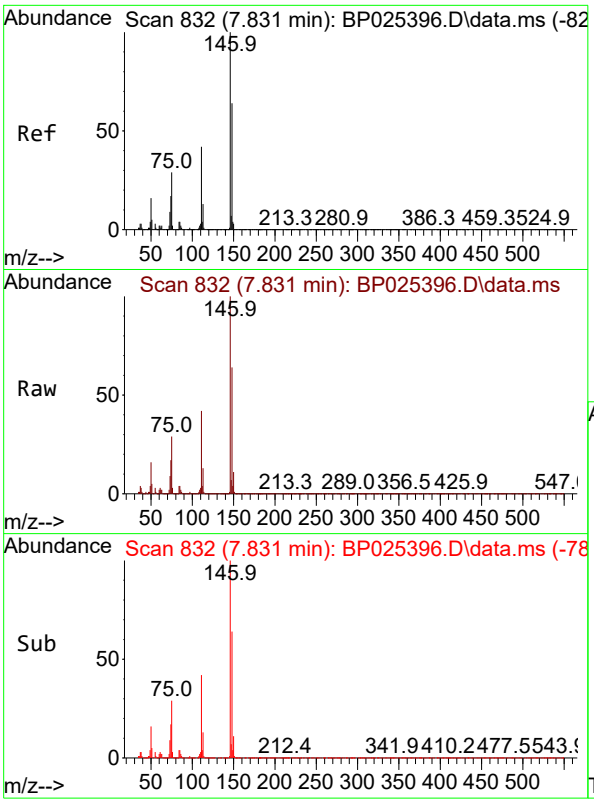


#12
1,3-Dichlorobenzene
Concen: 38.523 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

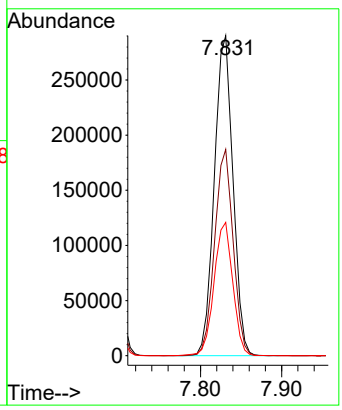




#13
1,4-Dichlorobenzene
Concen: 38.319 ng
RT: 7.831 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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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ClientSampleId :
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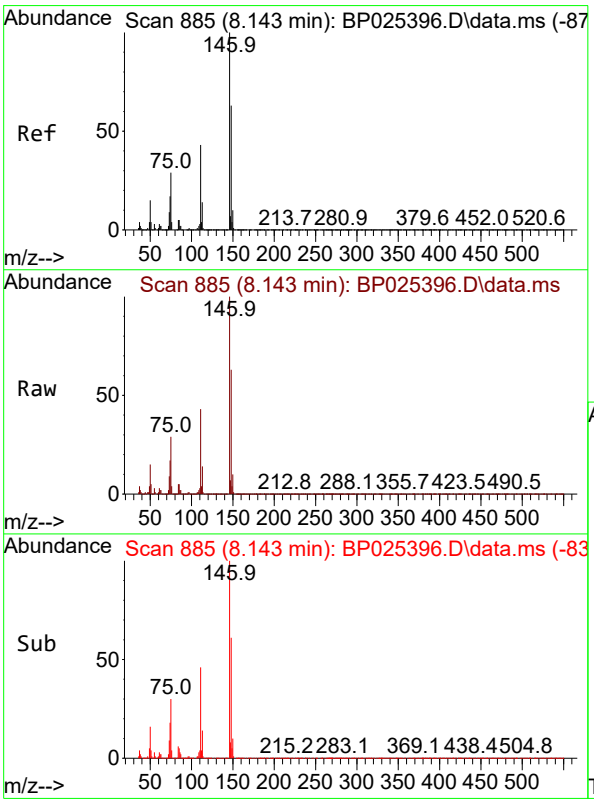
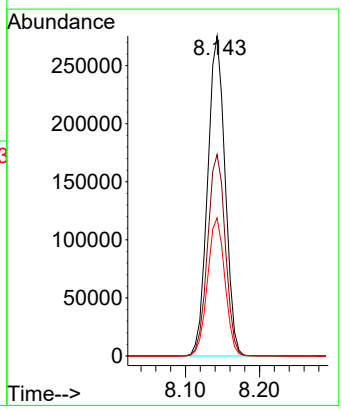
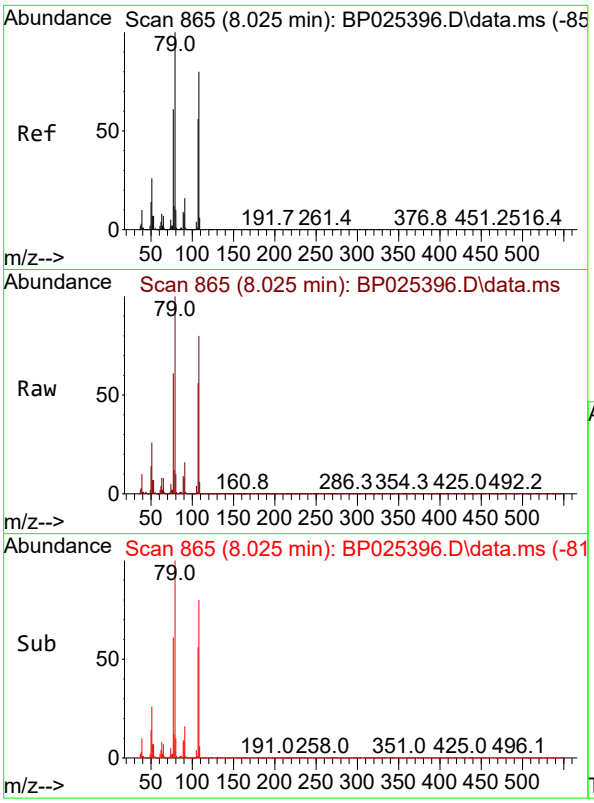


#14
1,2-Dichlorobenzene
Concen: 38.602 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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 :
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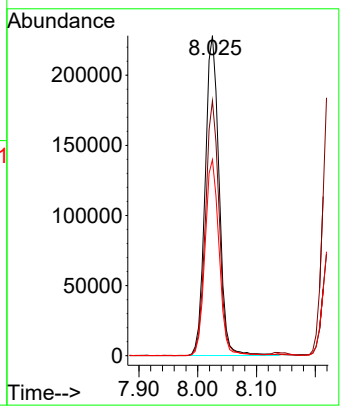
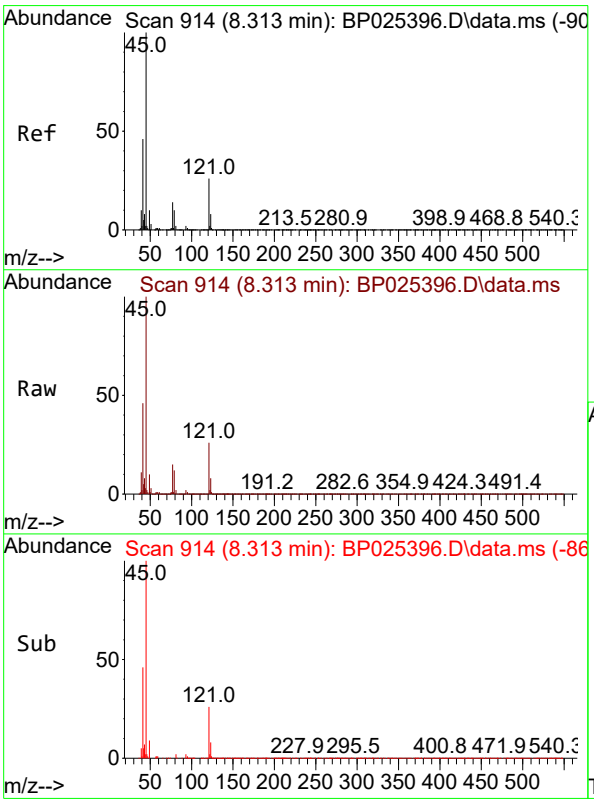
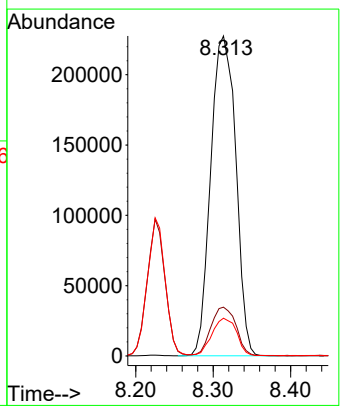


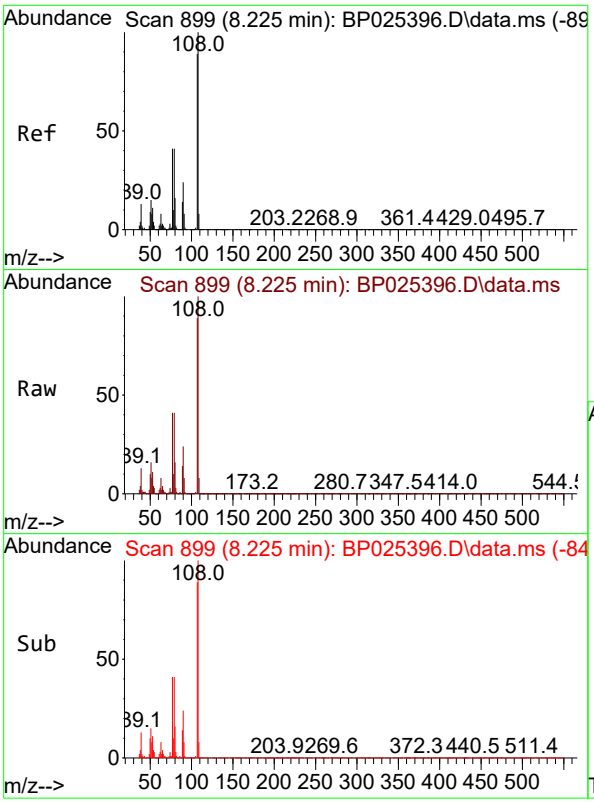


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.308 ng
RT: 8.313 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

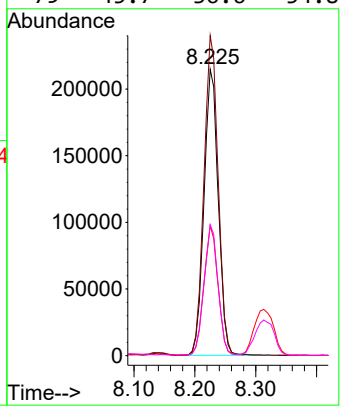




#17
2-Methylphenol
Concen: 39.369 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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



Instrument :
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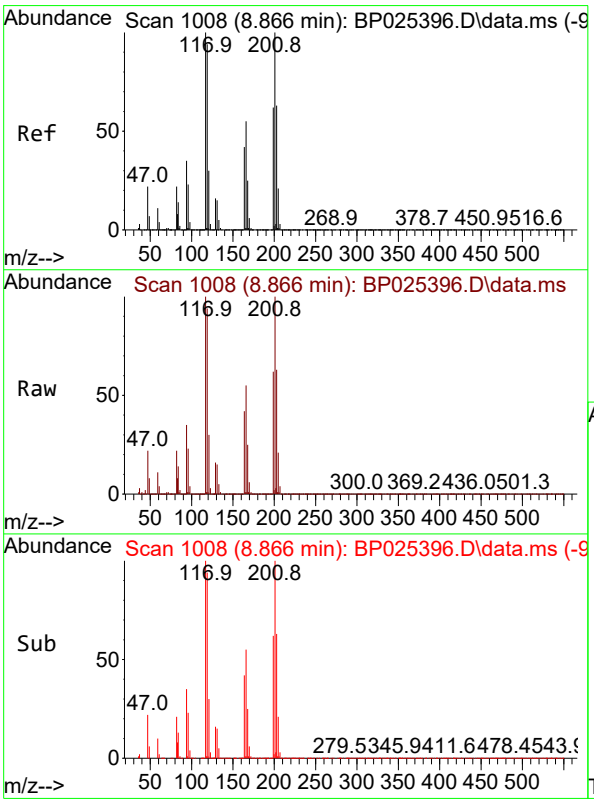
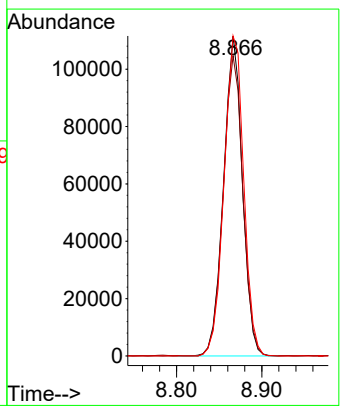
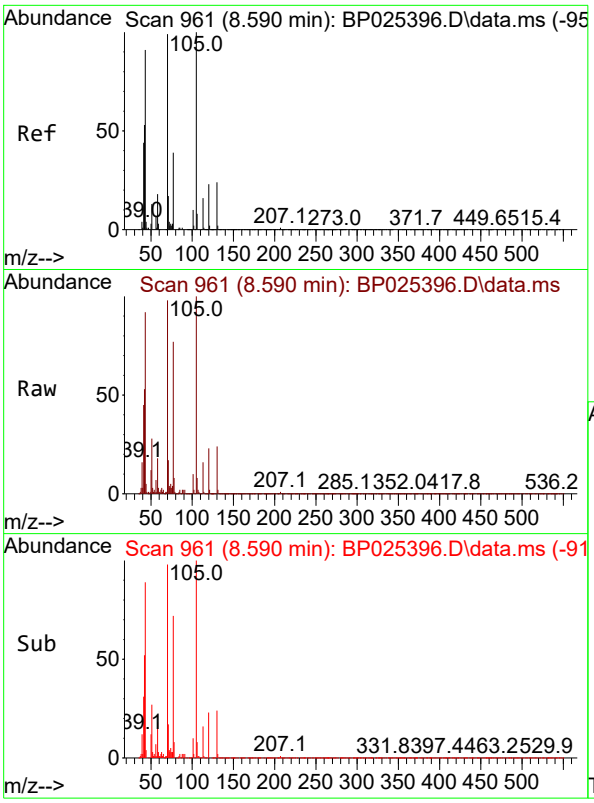


#18
Hexachloroethane
Concen: 38.712 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

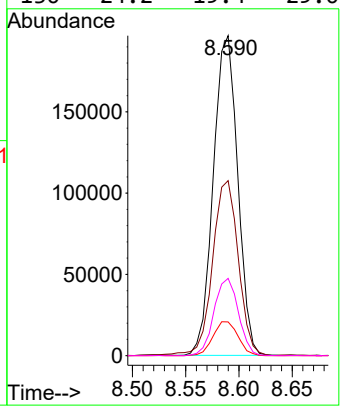




#19
n-Nitroso-di-n-propylamine
Concen: 38.737 ng
RT: 8.590 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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



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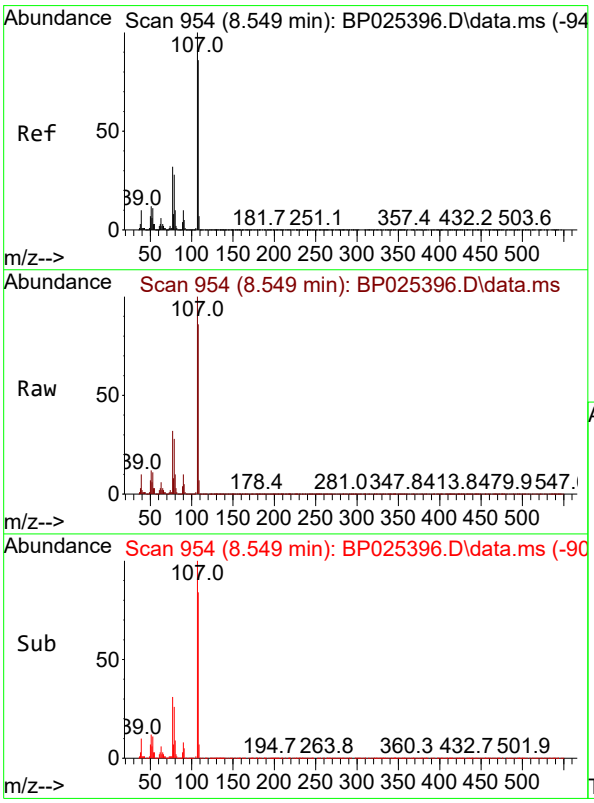
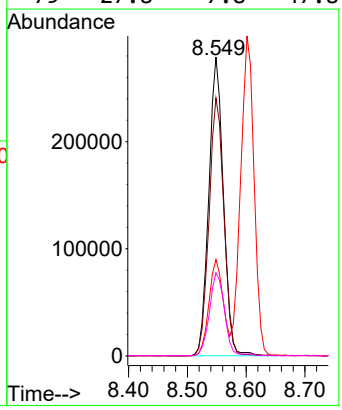
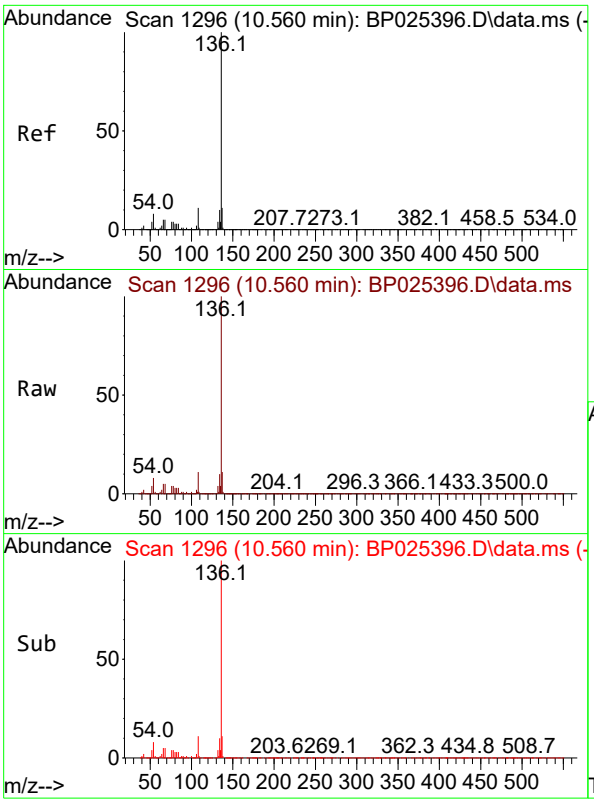


#20
3+4-Methylphenols
Concen: 39.121 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

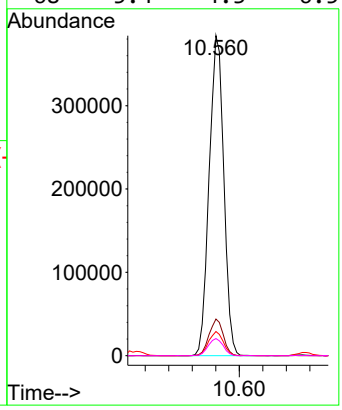




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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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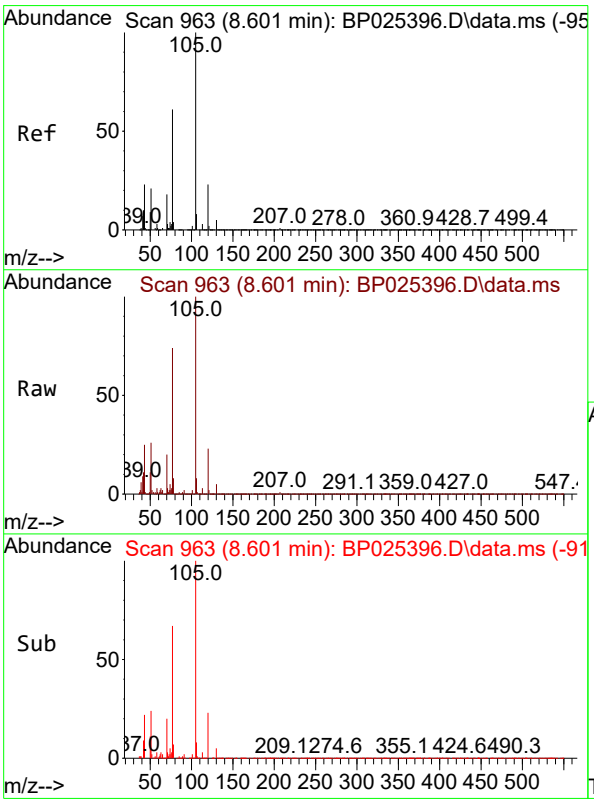
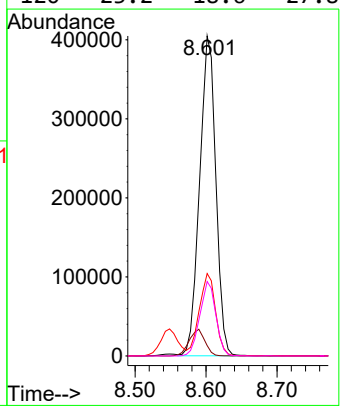
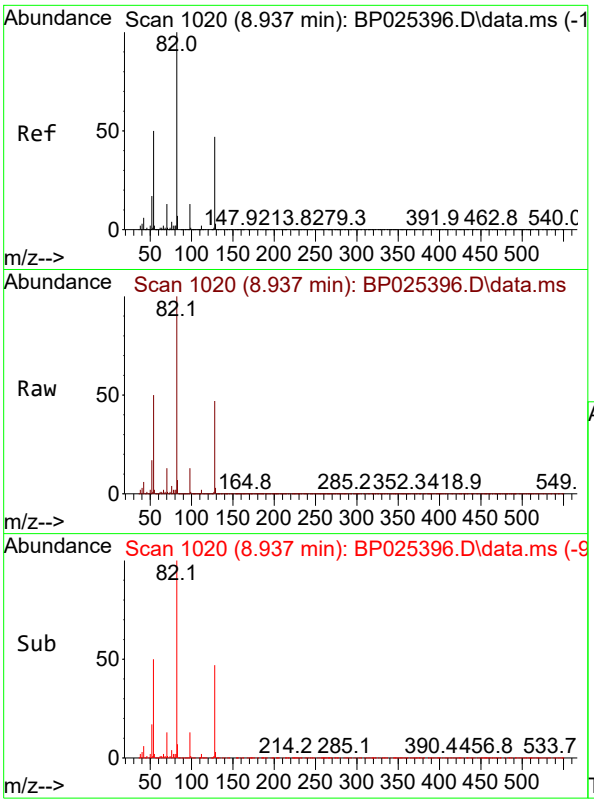


#22
Acetophenone
Concen: 38.708 ng
RT: 8.601 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

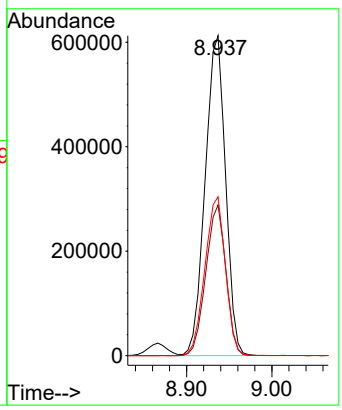




#23
Nitrobenzene-d5
Concen: 77.420 ng
RT: 8.937 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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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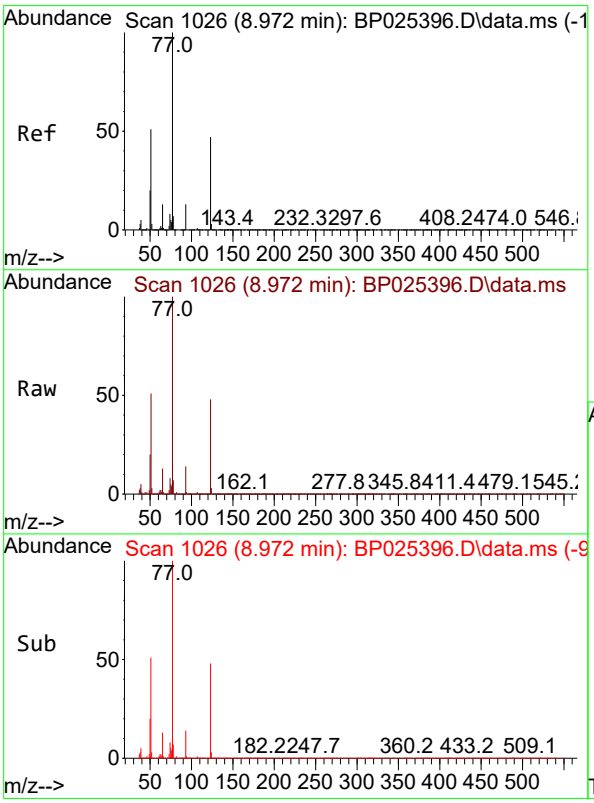
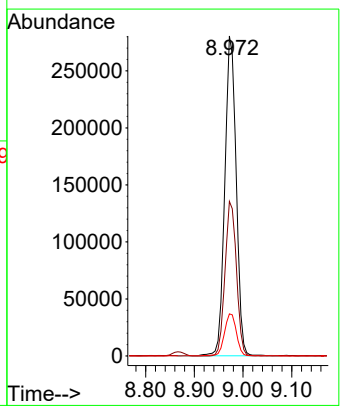
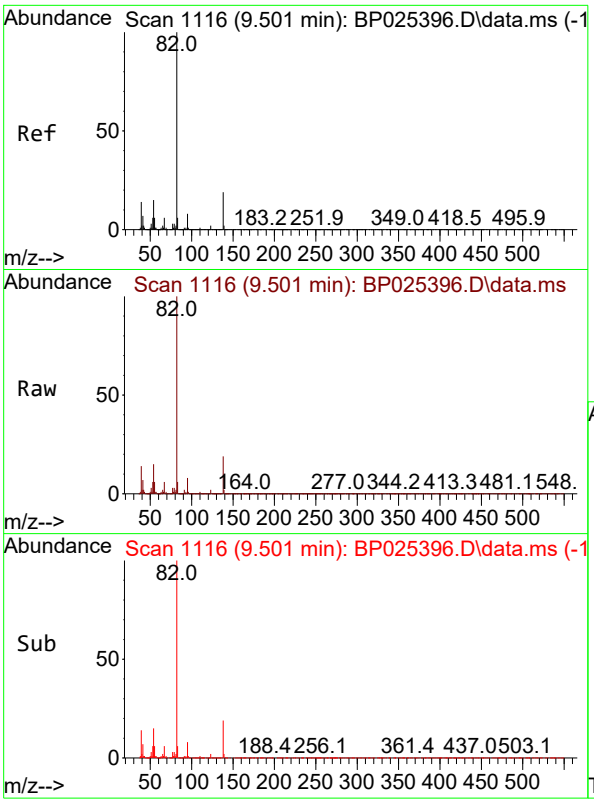


#24
Nitrobenzene
Concen: 38.997 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

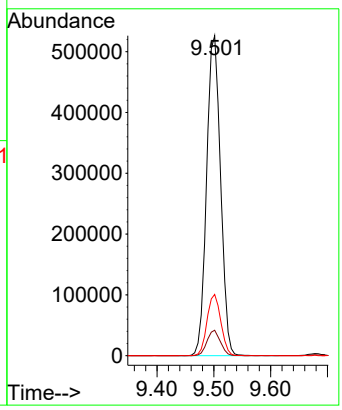




#25
Isophorone
Concen: 38.510 ng
RT: 9.501 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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 :
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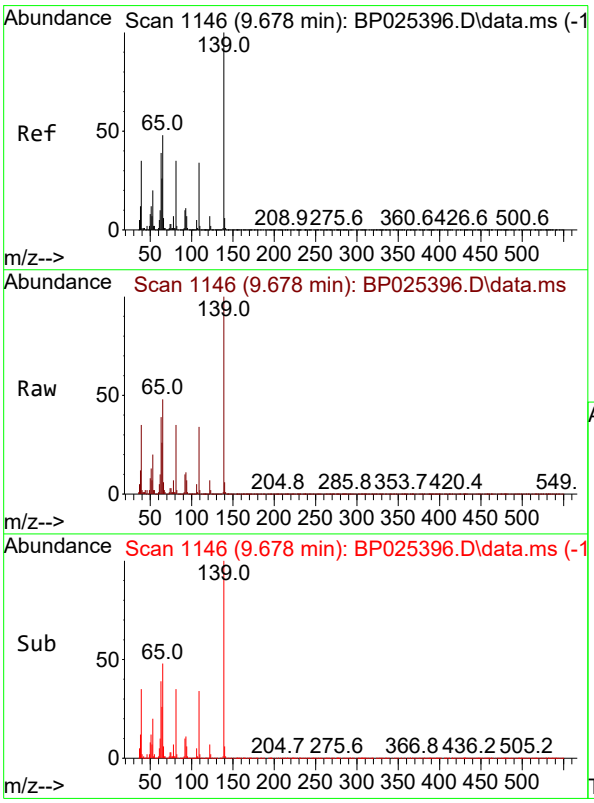
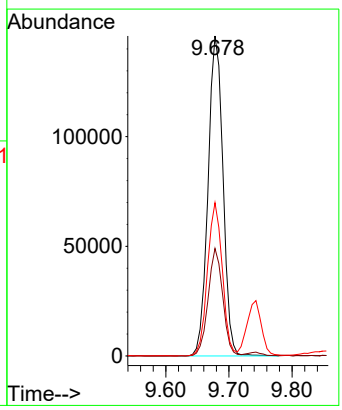
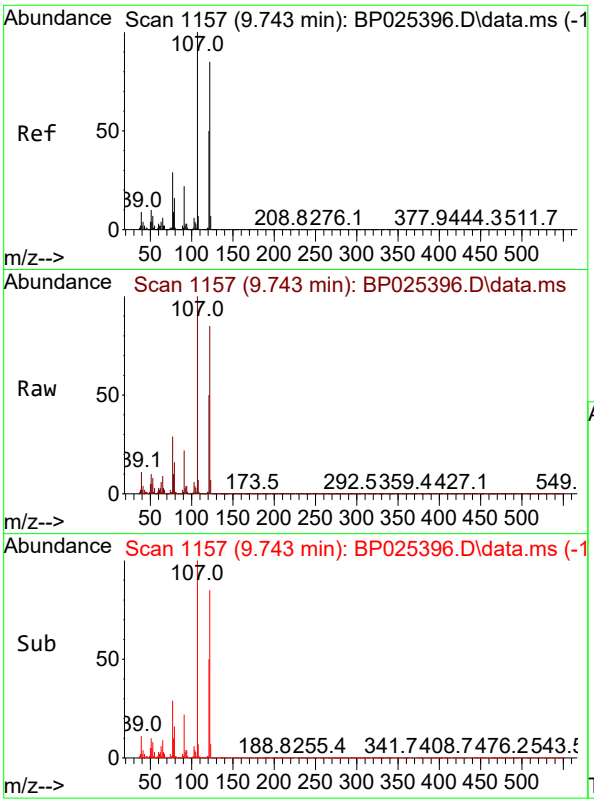


#26
2-Nitrophenol
Concen: 39.837 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

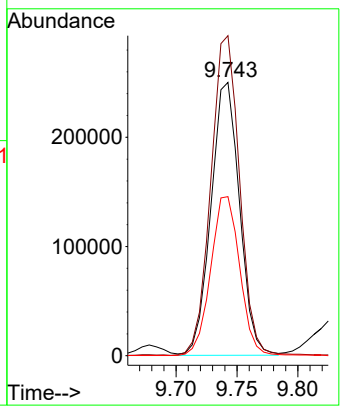




#27
2,4-Dimethylphenol
Concen: 39.489 ng
RT: 9.743 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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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ClientSampleId :
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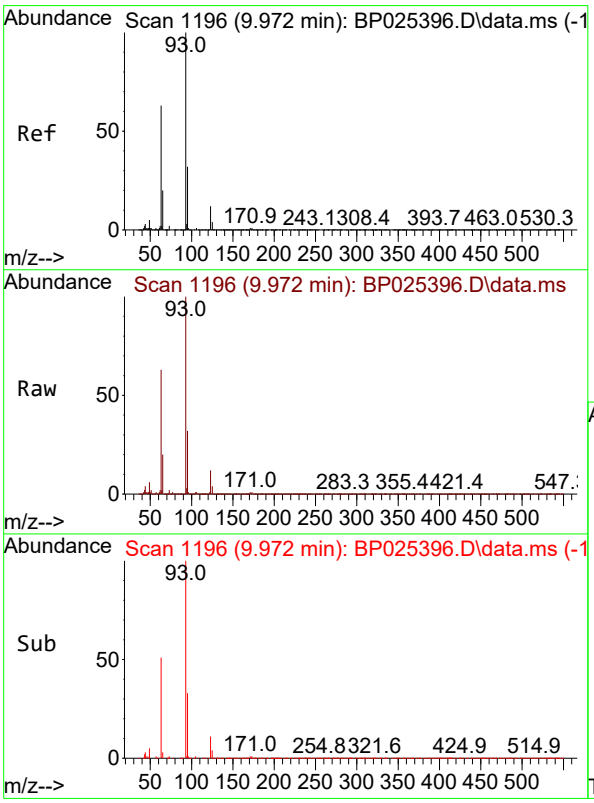
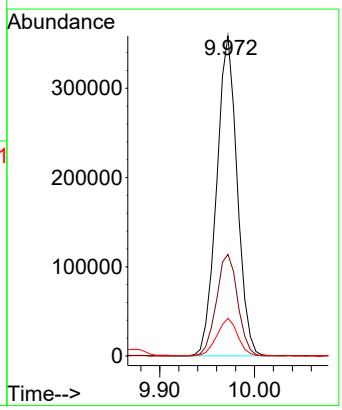
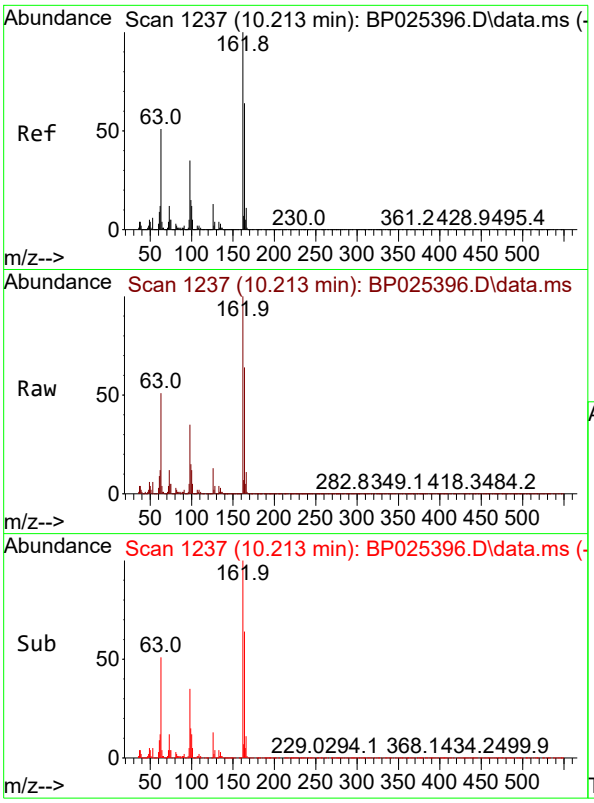


#28
bis(2-Chloroethoxy)methane
Concen: 38.502 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

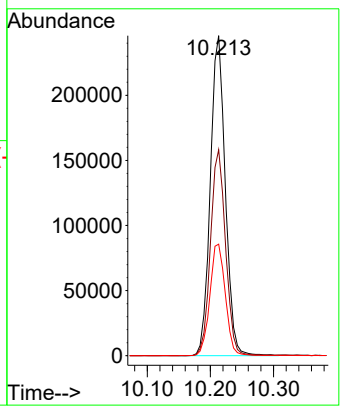




#29
2,4-Dichlorophenol
Concen: 39.427 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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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ClientSampleId :
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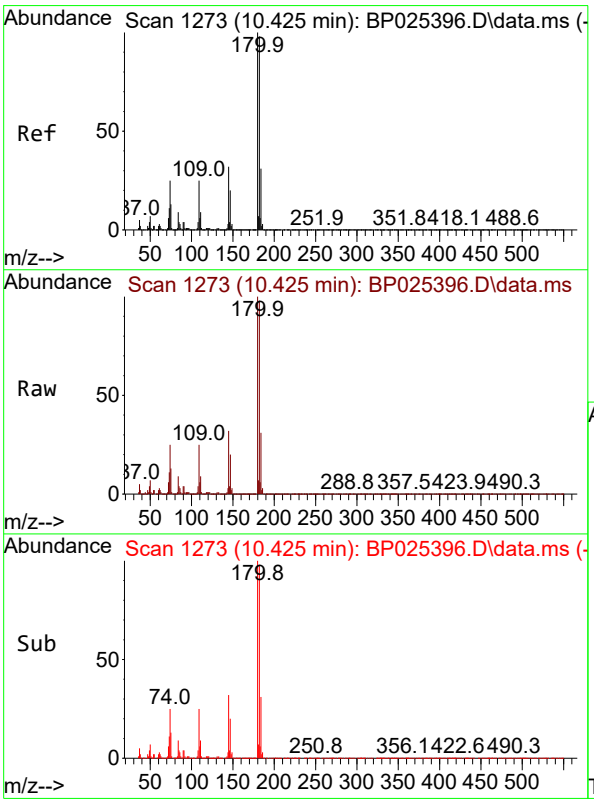
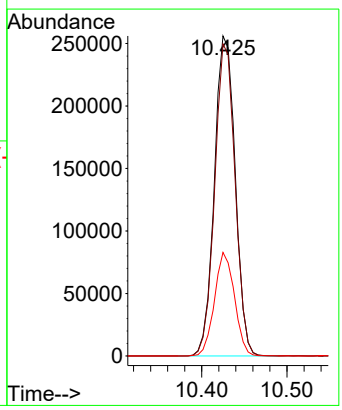
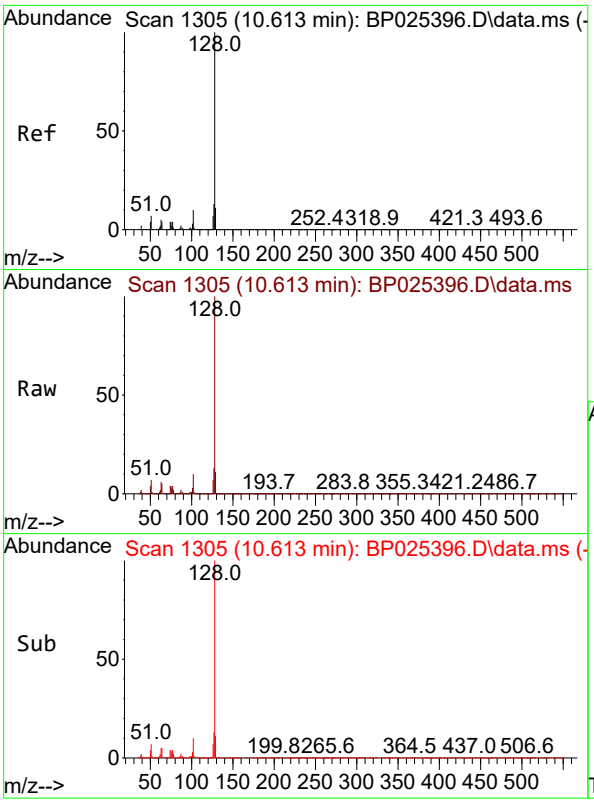


#30
1,2,4-Trichlorobenzene
Concen: 38.529 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:180 Resp: 434105

Ion	Ratio	Lower	Upper
180	100		
182	97.5	78.0	117.0
145	32.4	25.9	38.9

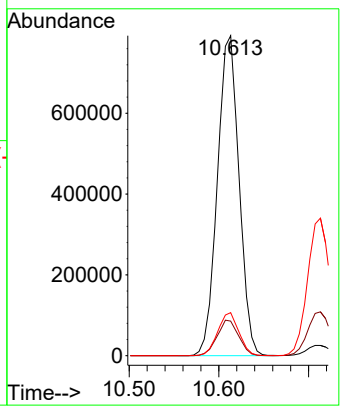




#31
Naphthalene
Concen: 38.472 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:128 Resp: 132683

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.4	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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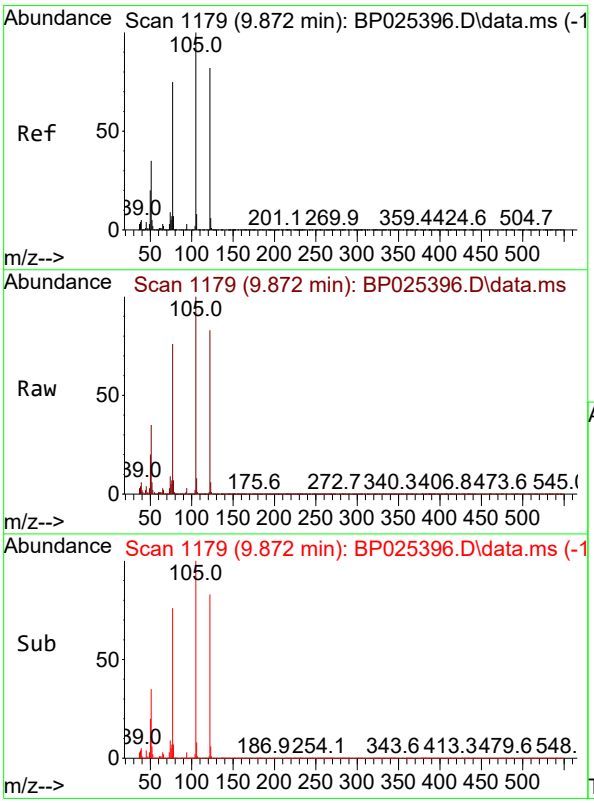
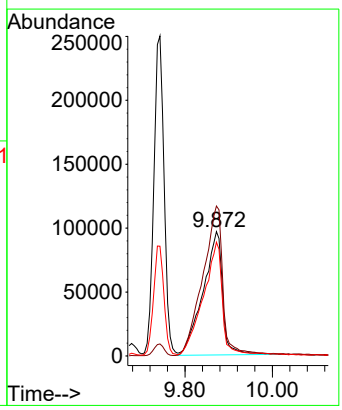
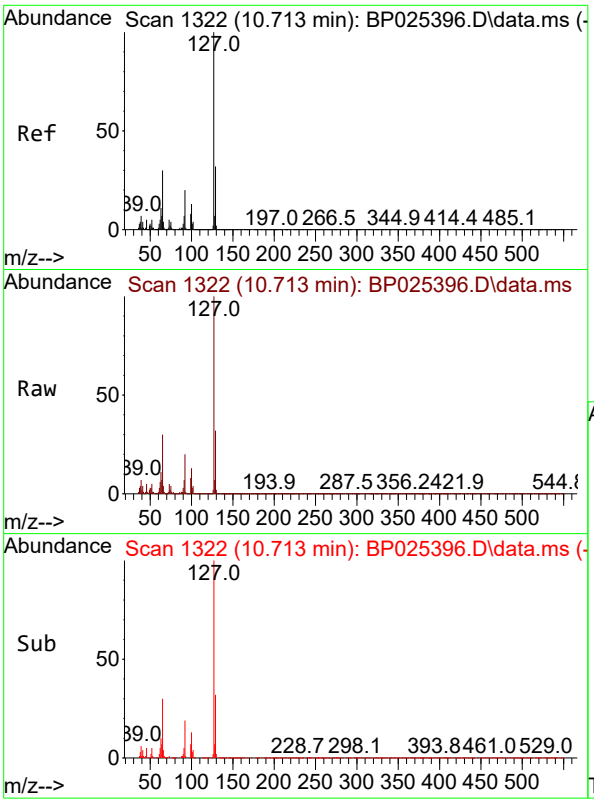


#32
Benzoic acid
Concen: 39.537 ng
RT: 9.872 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

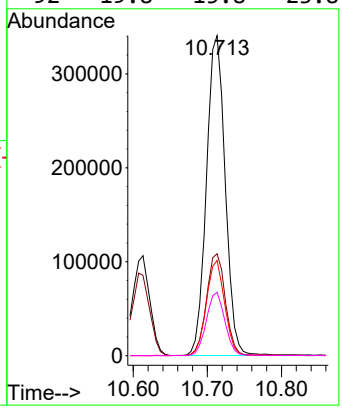




#33
4-Chloroaniline
Concen: 39.350 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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 :
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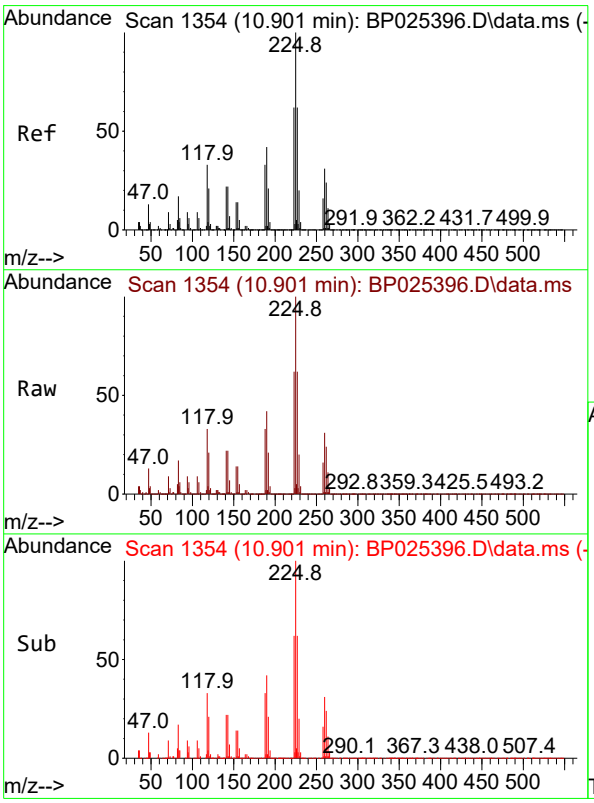
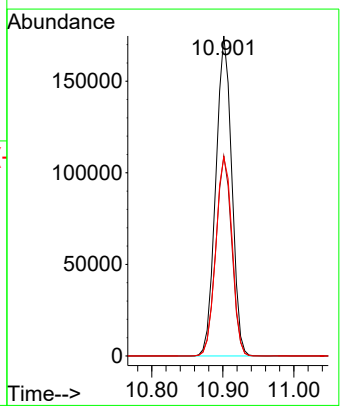
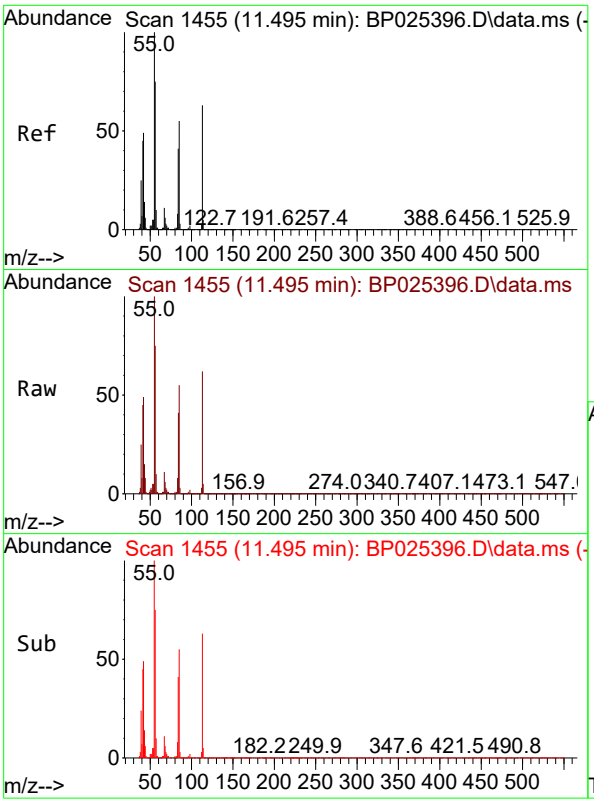


#34
Hexachlorobutadiene
Concen: 38.700 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

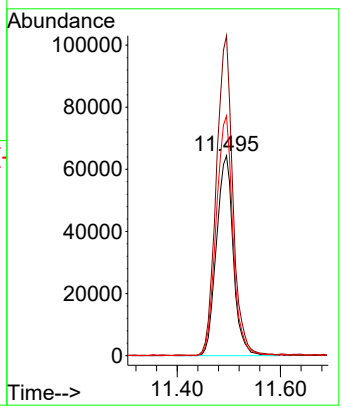




#35
Caprolactam
Concen: 38.520 ng
RT: 11.495 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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



Instrument :
BNA_P
ClientSampleId :
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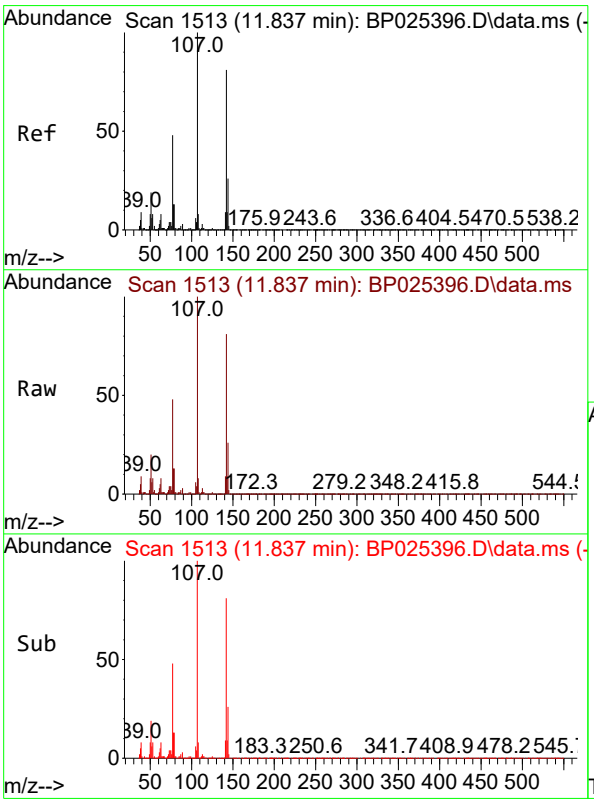
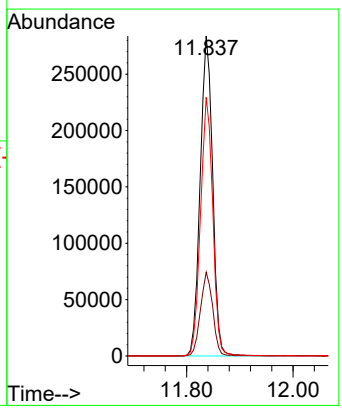
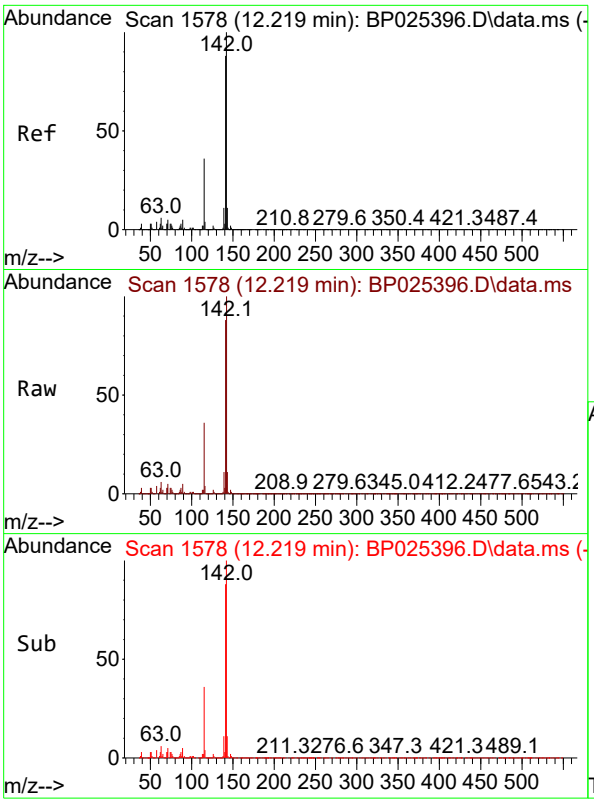


#36
4-Chloro-3-methylphenol
Concen: 38.959 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:107 Resp: 459473

Ion	Ratio	Lower	Upper
107	100		
144	26.2	21.0	31.4
142	80.8	64.6	97.0

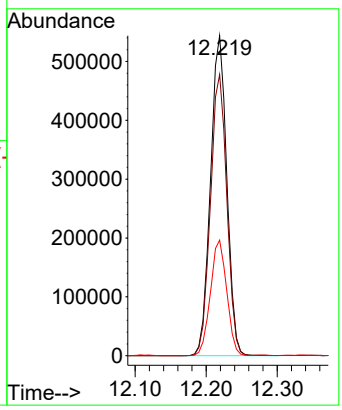




#37
2-Methylnaphthalene
Concen: 38.559 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:142 Resp: 86542

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.3	105.5
115	36.1	28.9	43.3



Instrument :
BNA_P
ClientSampleId :
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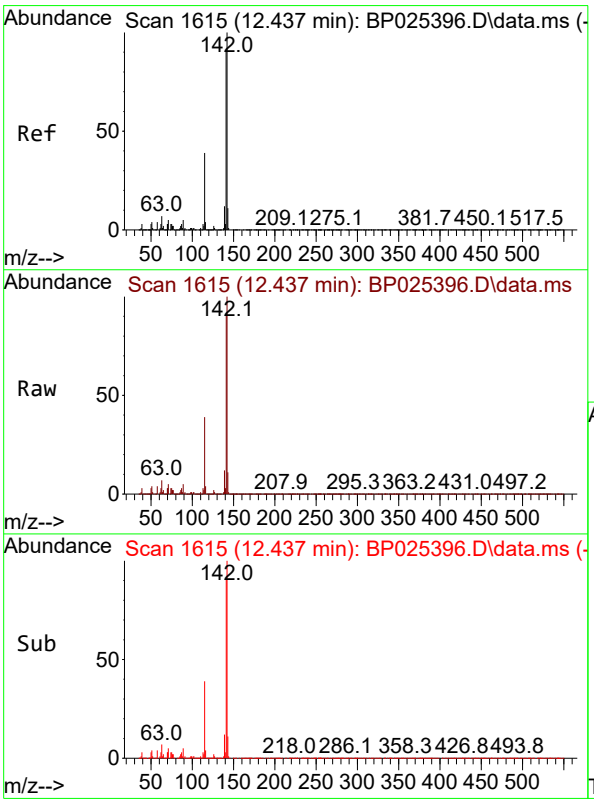
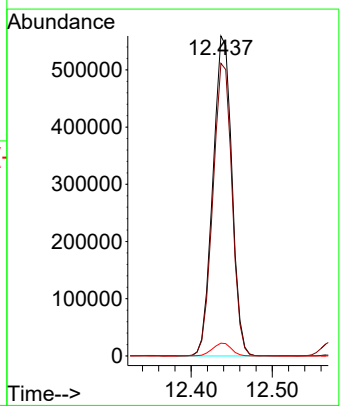
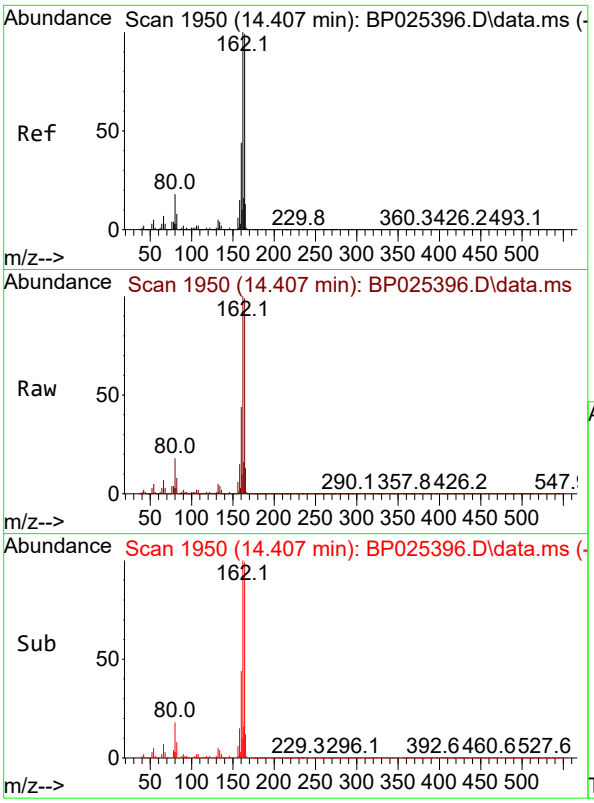


#38
1-Methylnaphthalene
Concen: 38.120 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

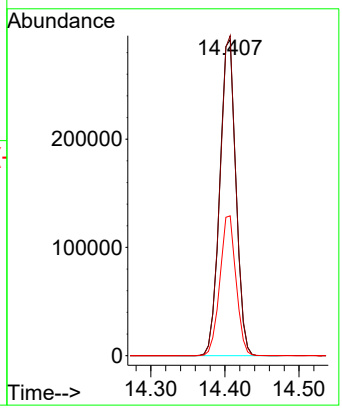




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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 :
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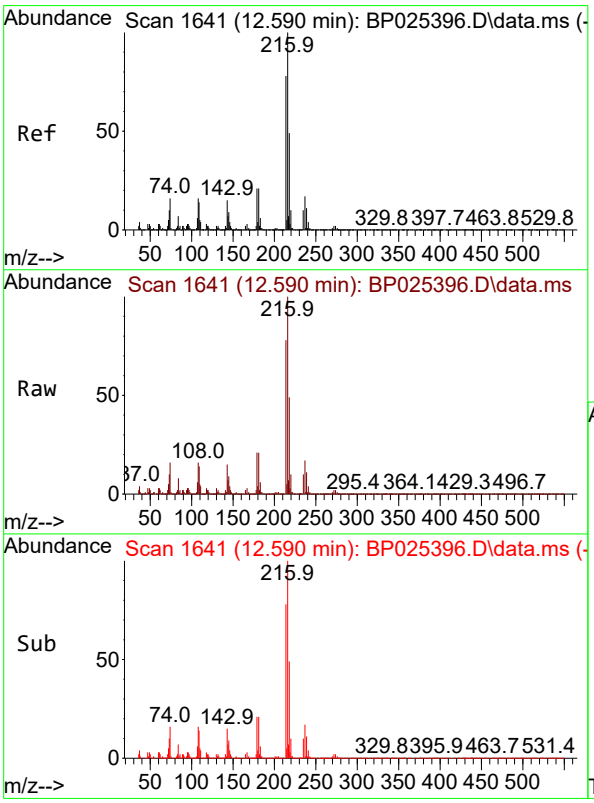
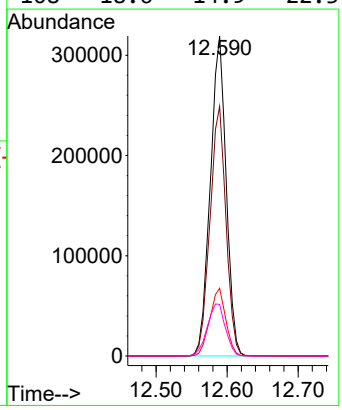
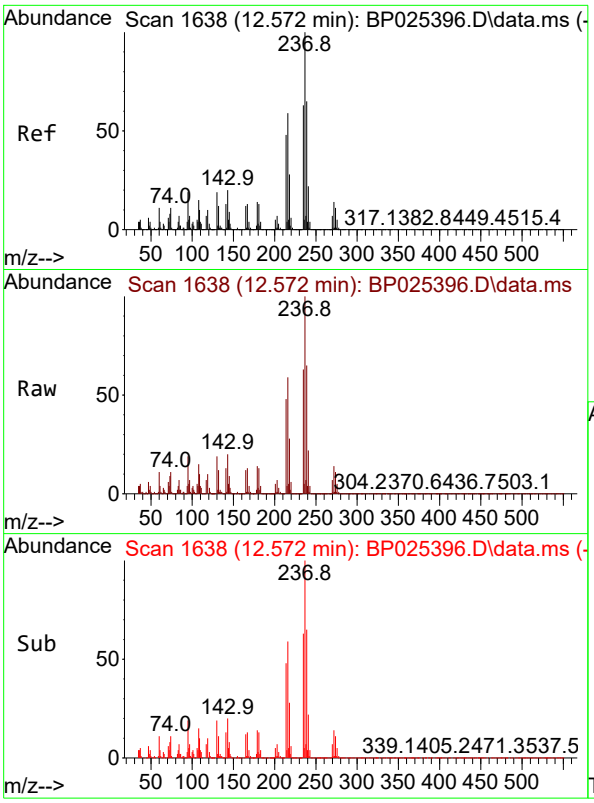


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.787 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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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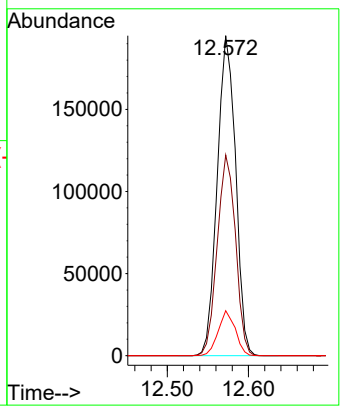
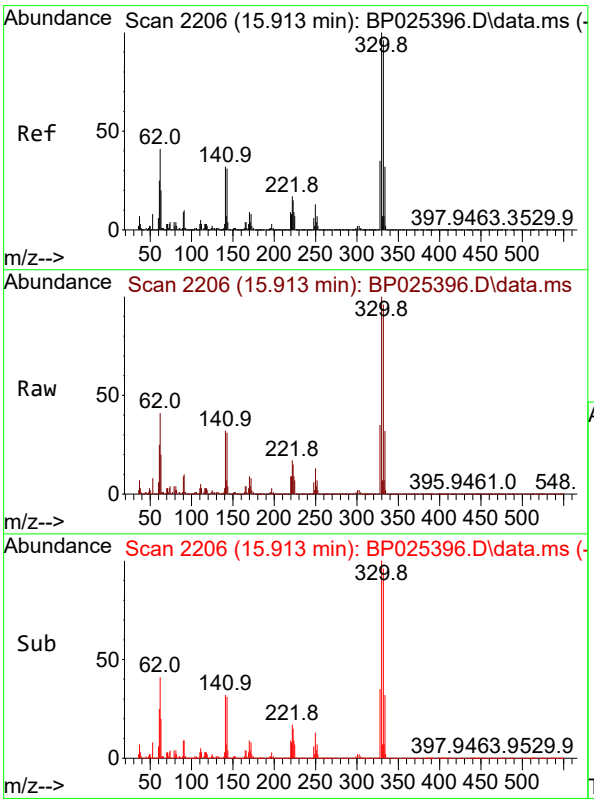
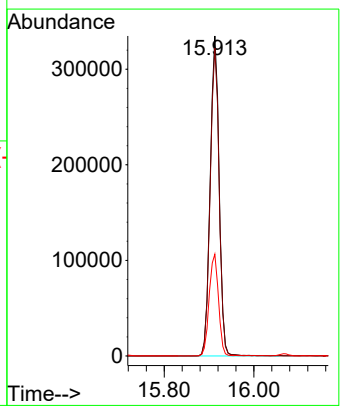


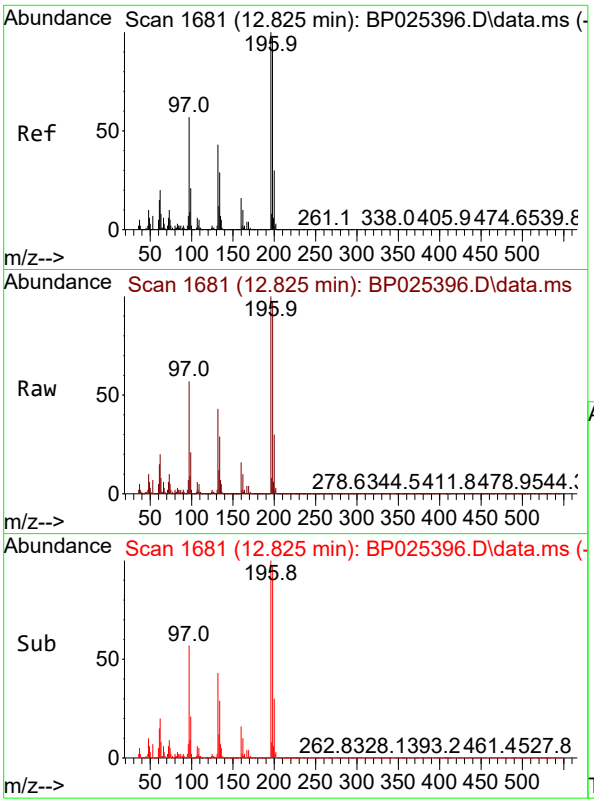


#42
2,4,6-Tribromophenol
Concen: 78.112 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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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ClientSampleId :
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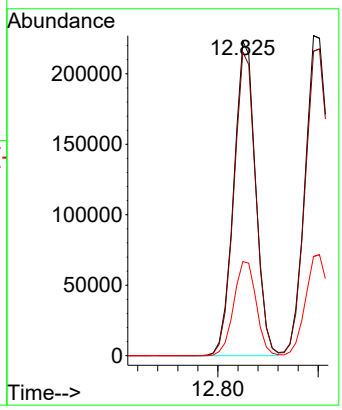
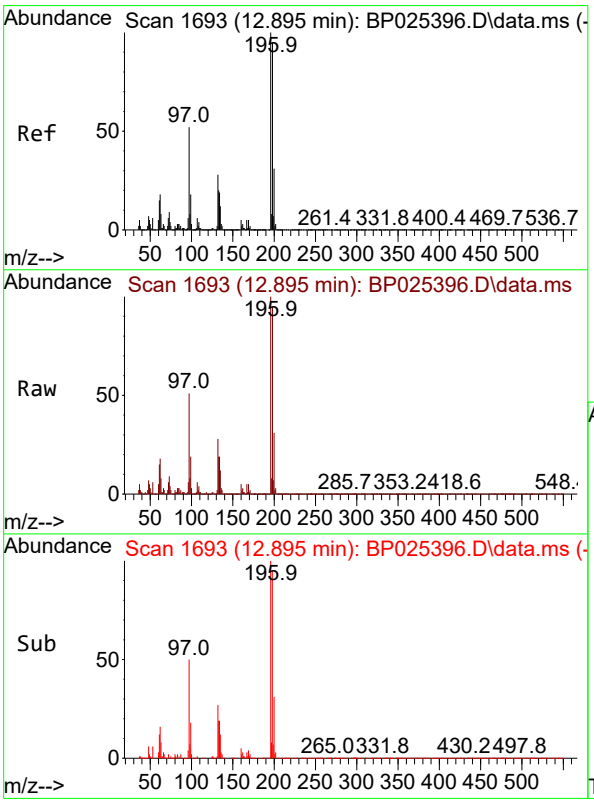
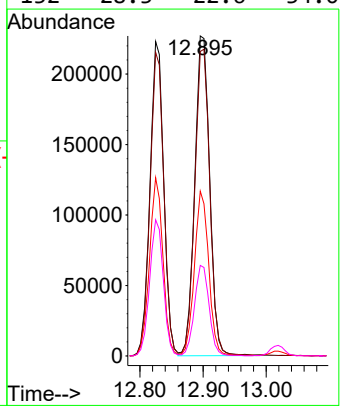


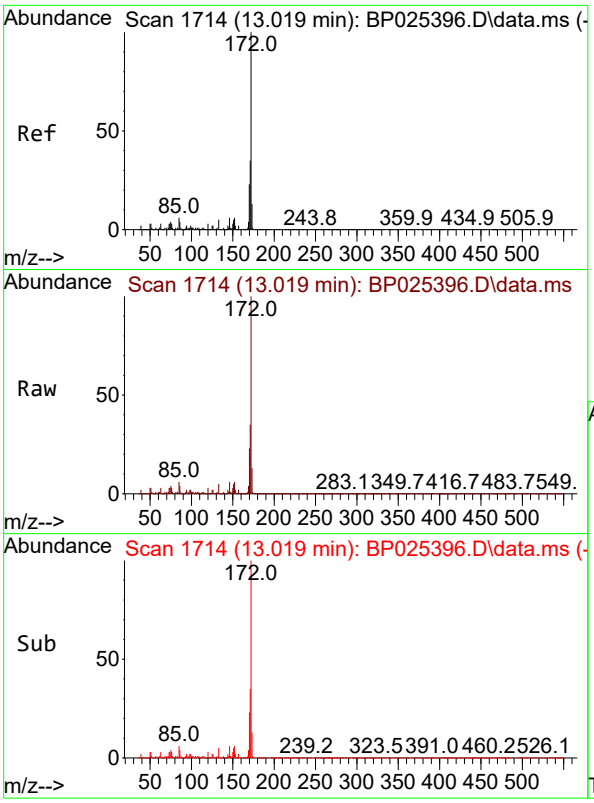


#44
2,4,5-Trichlorophenol
Concen: 39.664 ng
RT: 12.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:196 Resp: 373880

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
97	51.5	41.2	61.8
132	28.3	22.6	34.0

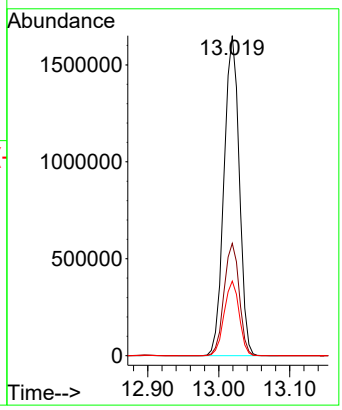




#45
2-Fluorobiphenyl
Concen: 76.118 ng
RT: 13.019 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:172 Resp: 245678

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.1	42.1
170	23.3	18.6	28.0



Instrument :
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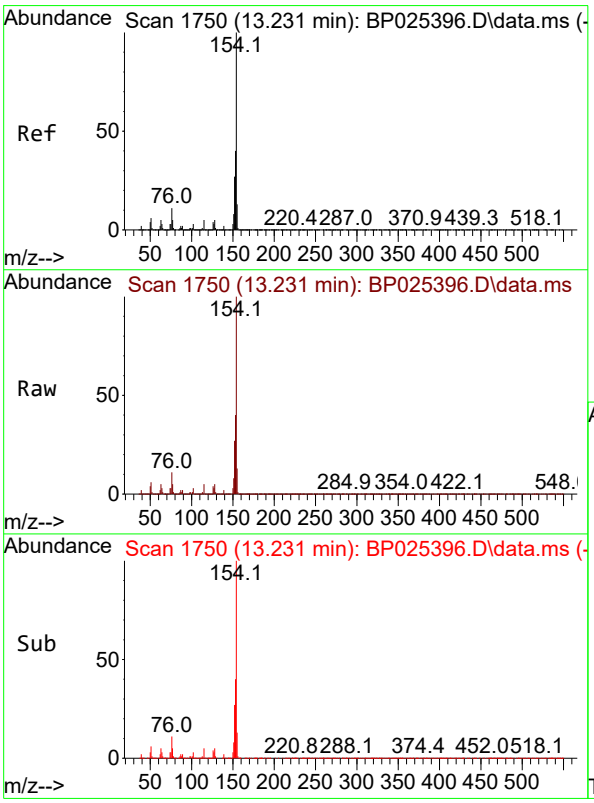
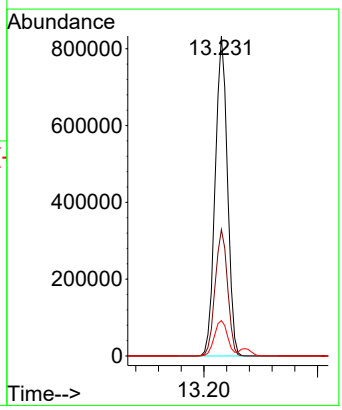
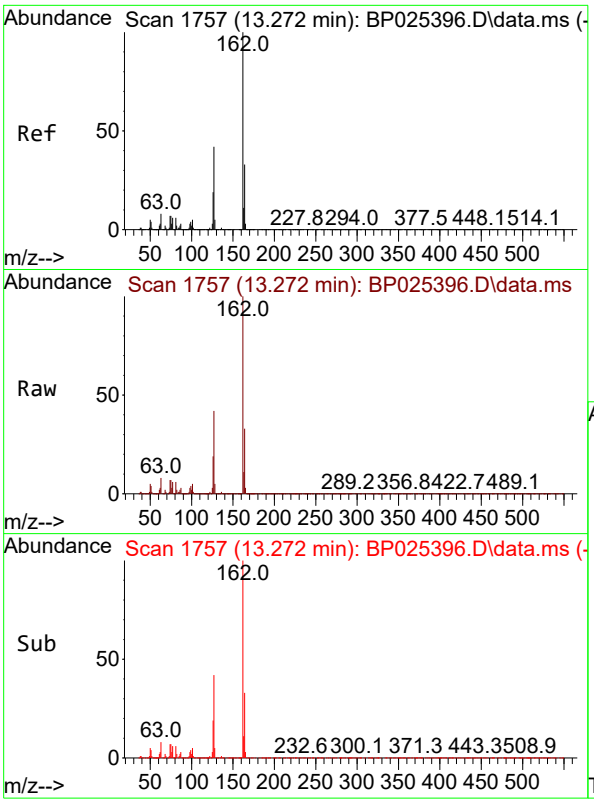


#46
1,1'-Biphenyl
Concen: 38.777 ng
RT: 13.231 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

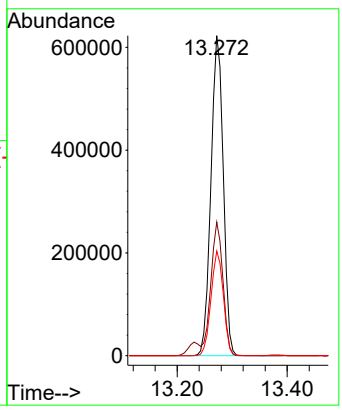




#47
2-Chloronaphthalene
Concen: 38.930 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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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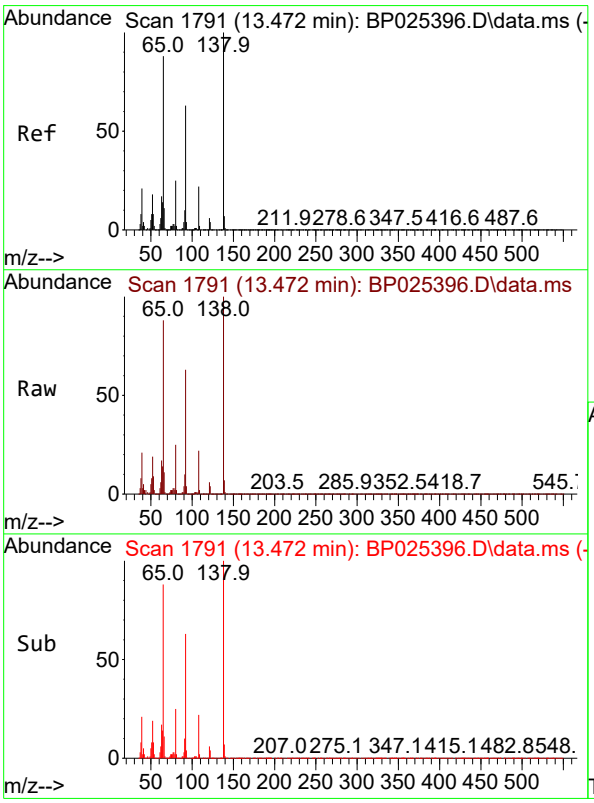
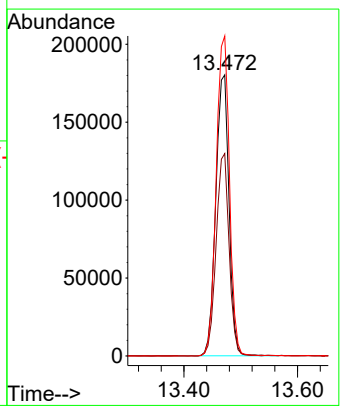
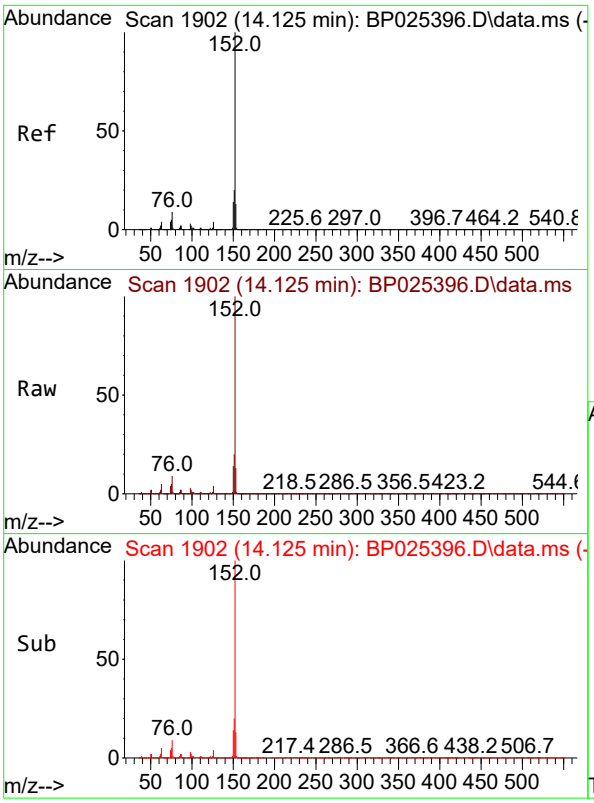


#48
2-Nitroaniline
Concen: 40.092 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

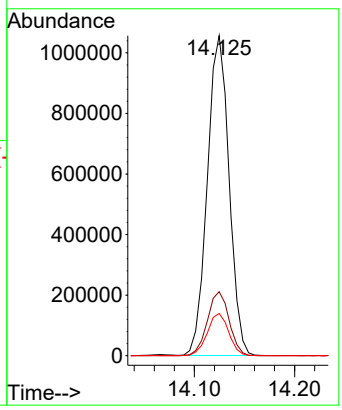




#49
Acenaphthylene
Concen: 38.617 ng
RT: 14.125 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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 :
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ClientSampleId :
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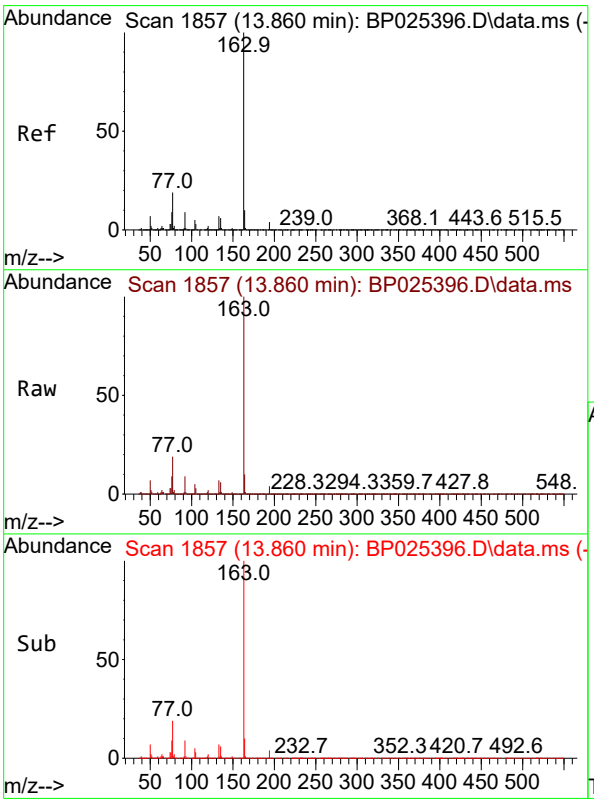
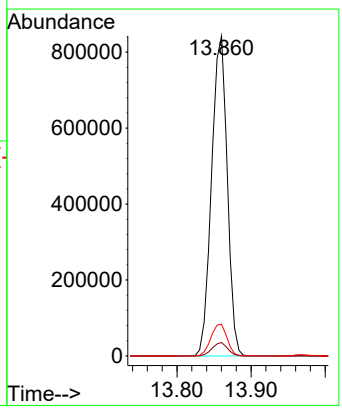
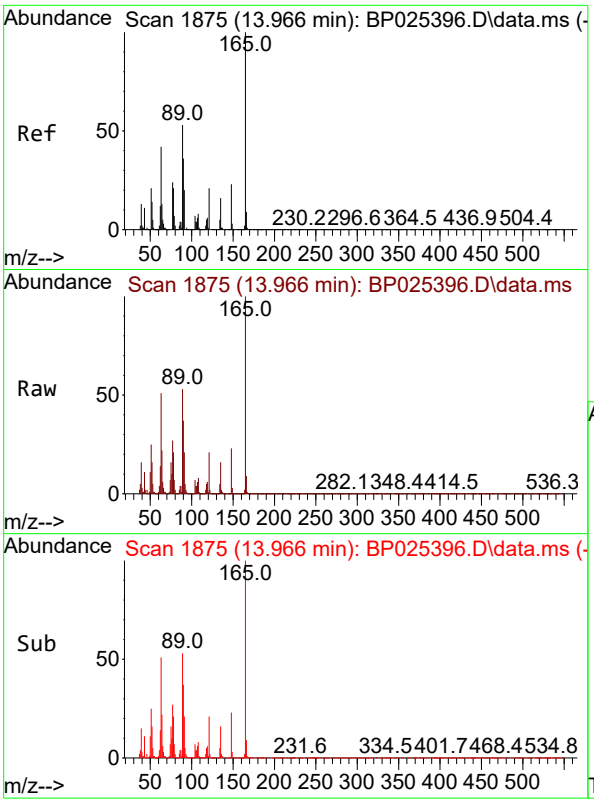


#50
Dimethylphthalate
Concen: 38.316 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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 :
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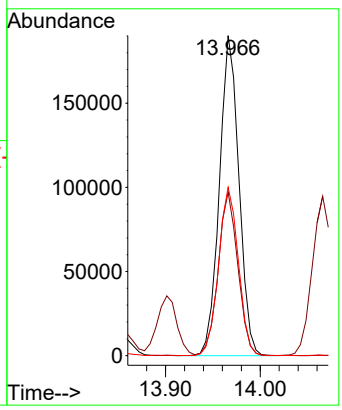
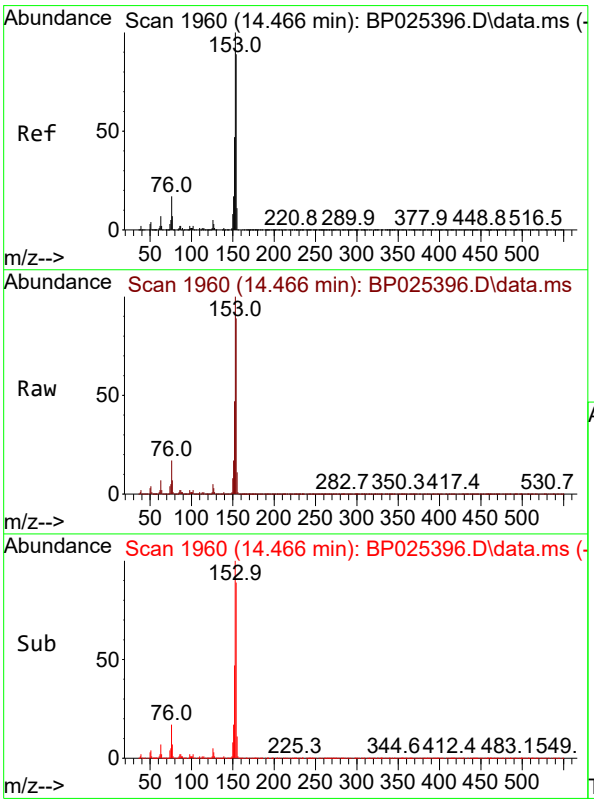
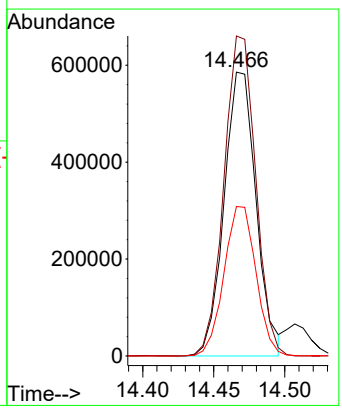


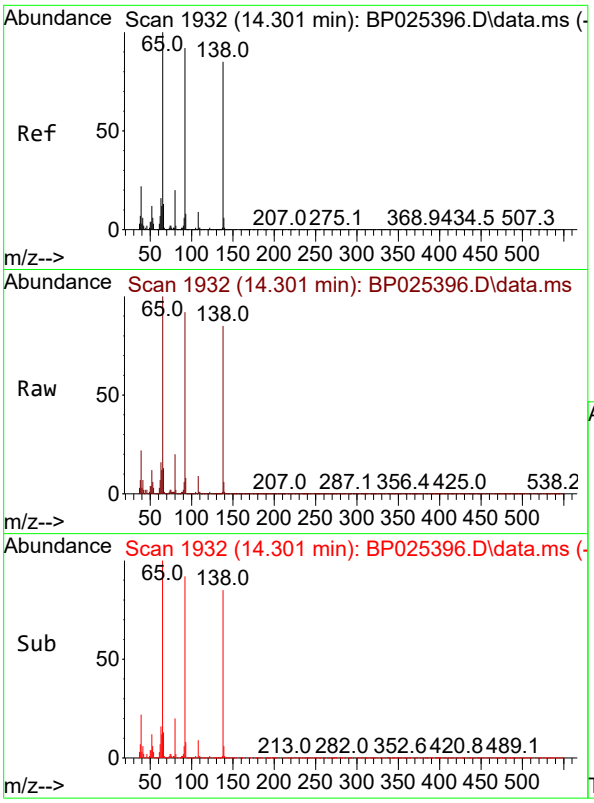


#52
Acenaphthene
Concen: 37.921 ng
RT: 14.466 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:154 Resp: 918569

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.2	135.2
152	52.6	42.1	63.1





#53
3-Nitroaniline
Concen: 39.349 ng
RT: 14.301 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:138 Resp: 30141

Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.3	12.5
92	107.7	86.2	129.2

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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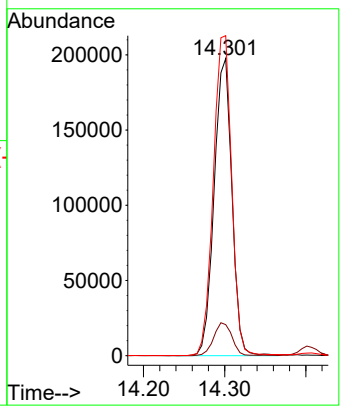
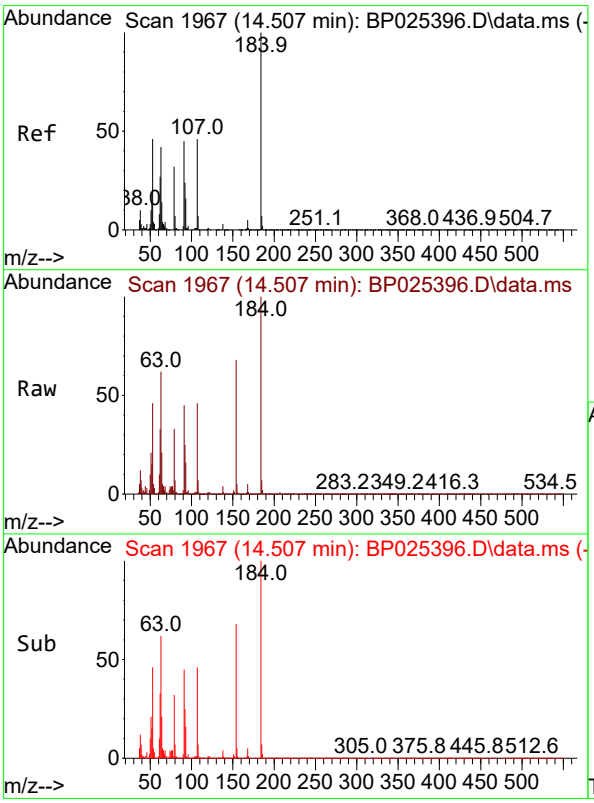
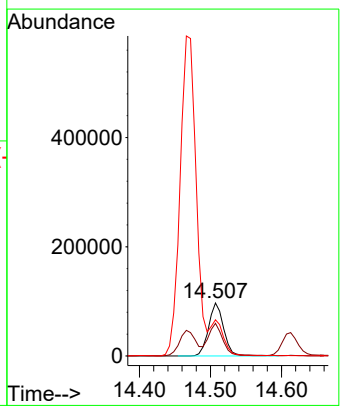


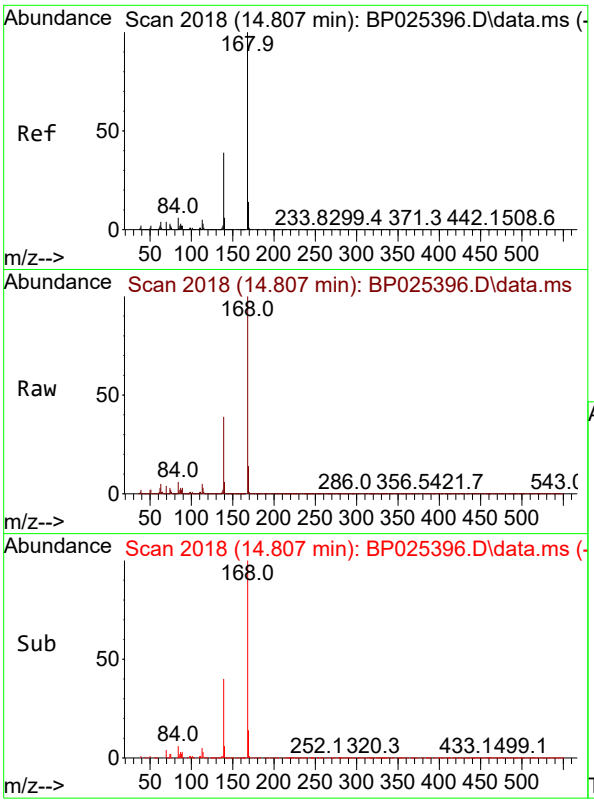


#54
2,4-Dinitrophenol
Concen: 39.633 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:184 Resp: 144100

Ion	Ratio	Lower	Upper
184	100		
63	61.8	49.4	74.2
154	68.3	54.6	82.0

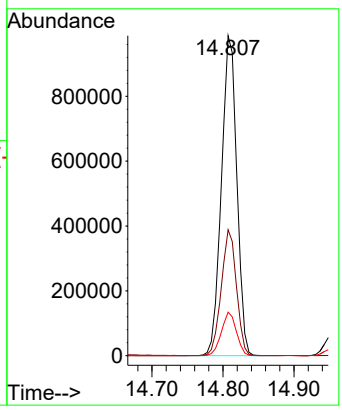




#55
Dibenzofuran
Concen: 38.624 ng
RT: 14.807 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:168 Resp: 147922

Ion	Ratio	Lower	Upper
168	100		
139	39.4	31.5	47.3
169	13.6	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
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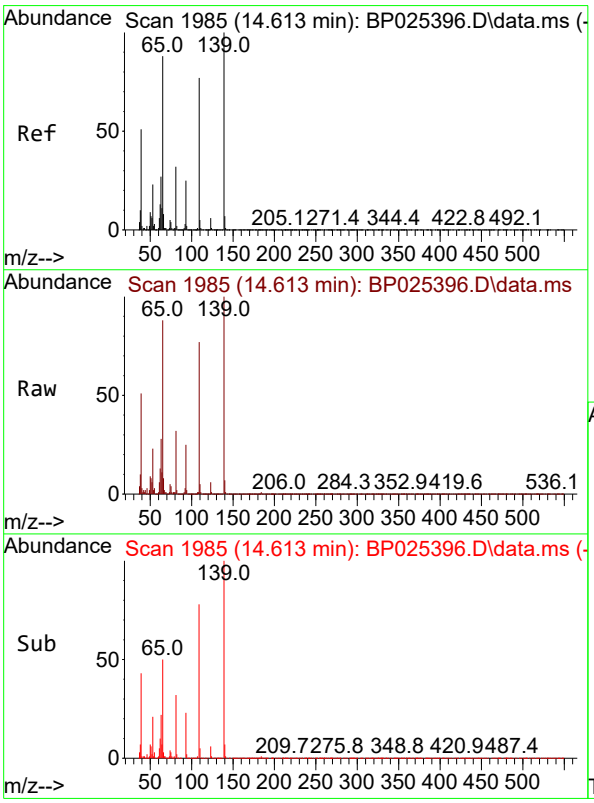
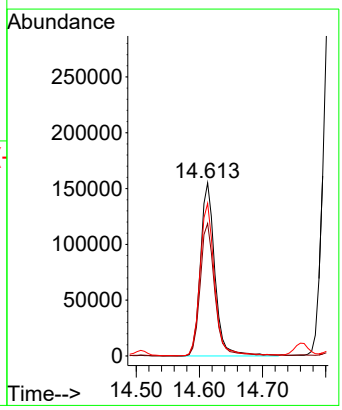
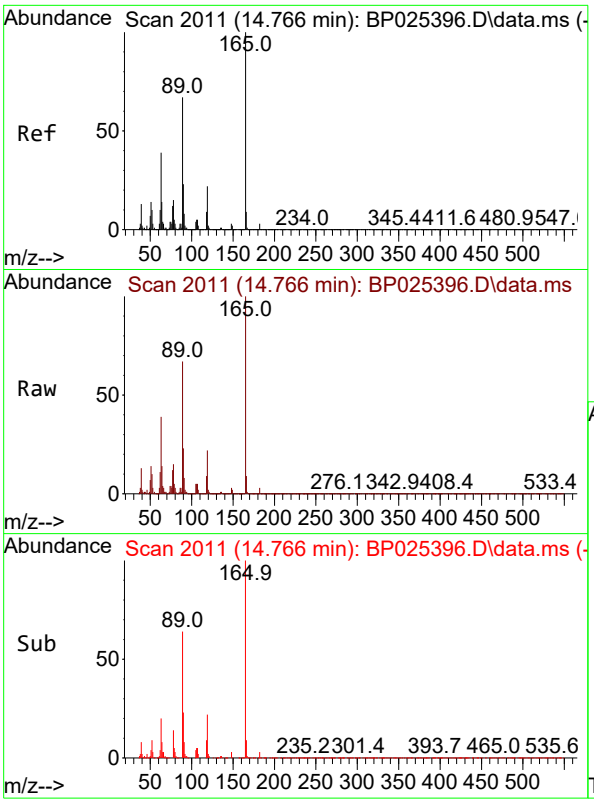


#56
4-Nitrophenol
Concen: 39.168 ng
RT: 14.613 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:139 Resp: 246542

Ion	Ratio	Lower	Upper
139	100		
109	76.6	56.6	96.6
65	88.2	68.2	108.2

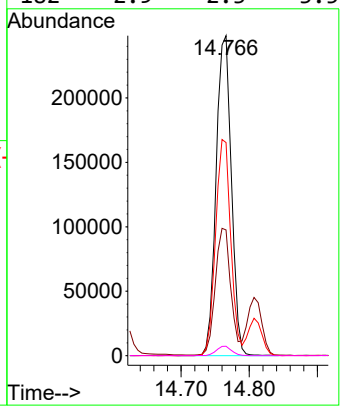




#57
2,4-Dinitrotoluene
Concen: 39.757 ng
RT: 14.766 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:165 Resp: 38618

Ion	Ratio	Lower	Upper
165	100		
63	39.3	31.4	47.2
89	66.6	53.3	79.9
182	2.9	2.3	3.5



Instrument :
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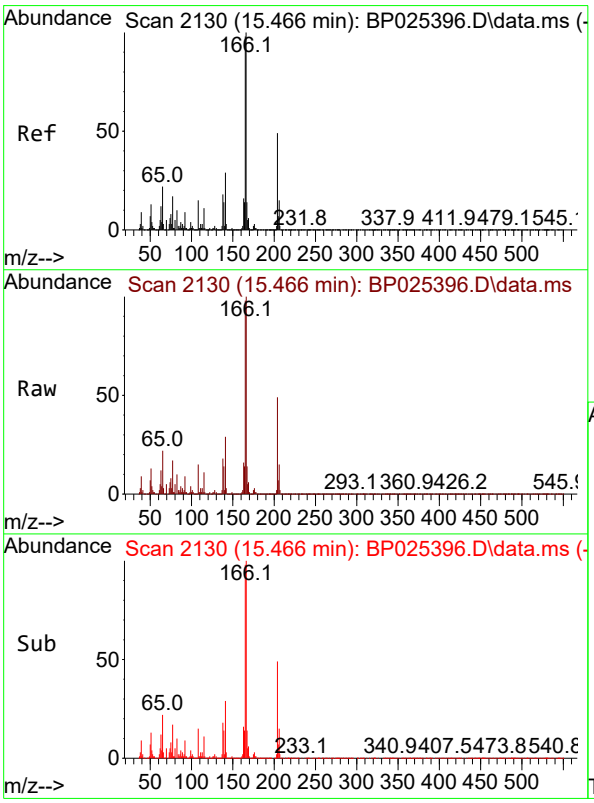
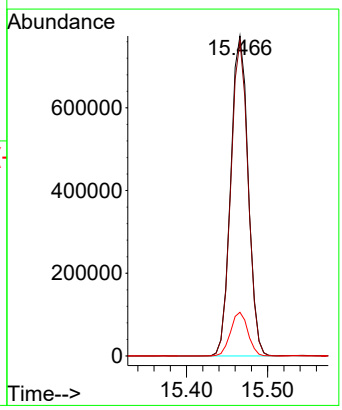
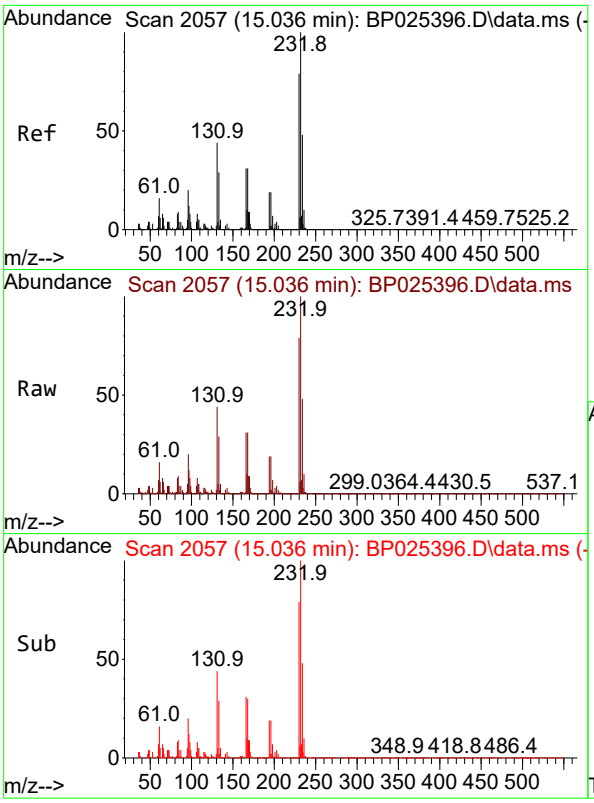


#58
Fluorene
Concen: 38.115 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:166 Resp: 1151825

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.8	118.2
167	13.7	11.0	16.4

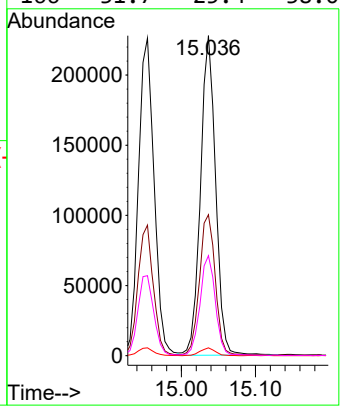




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.975 ng
RT: 15.036 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:232 Resp: 32439

Ion	Ratio	Lower	Upper
232	100		
131	46.3	37.0	55.6
130	2.4	1.9	2.9
166	31.7	25.4	38.0



Instrument :
BNA_P
ClientSampleId :
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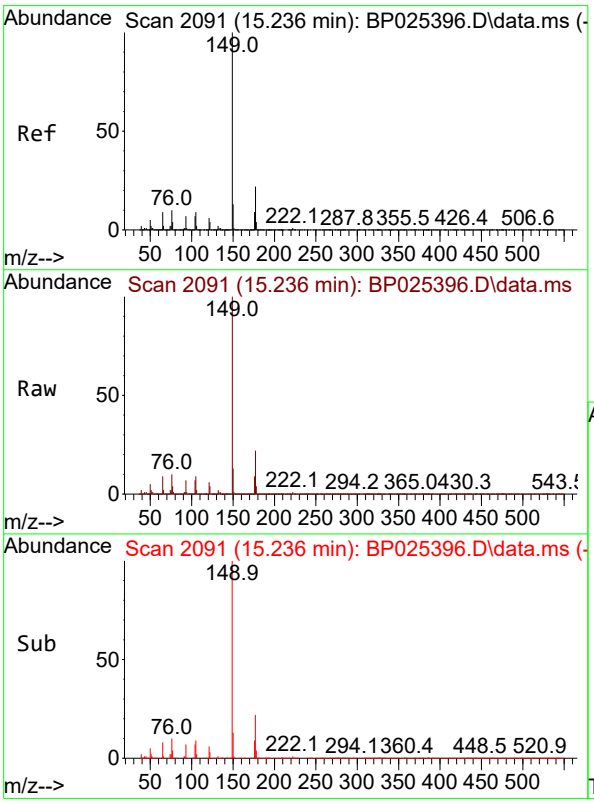
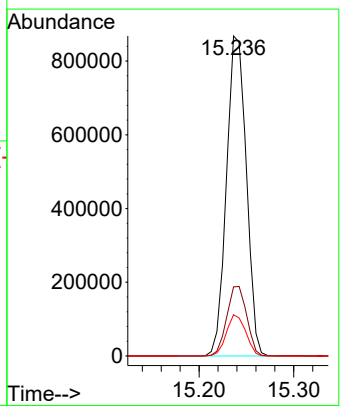
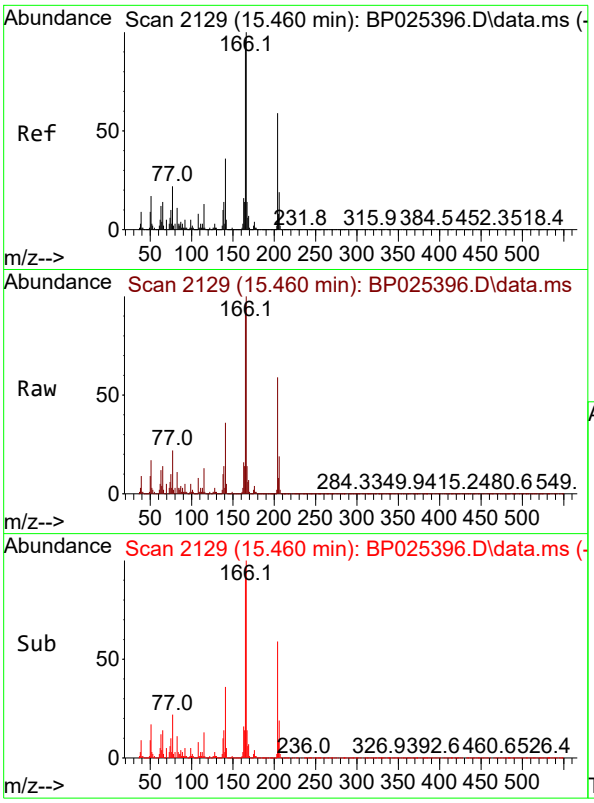


#60
Diethylphthalate
Concen: 38.533 ng
RT: 15.236 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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# 21
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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

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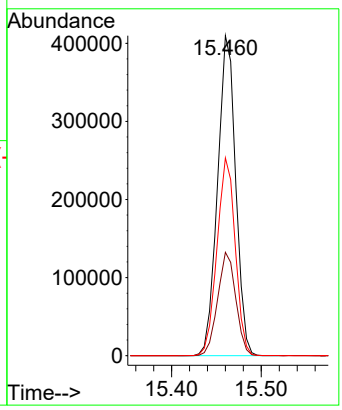
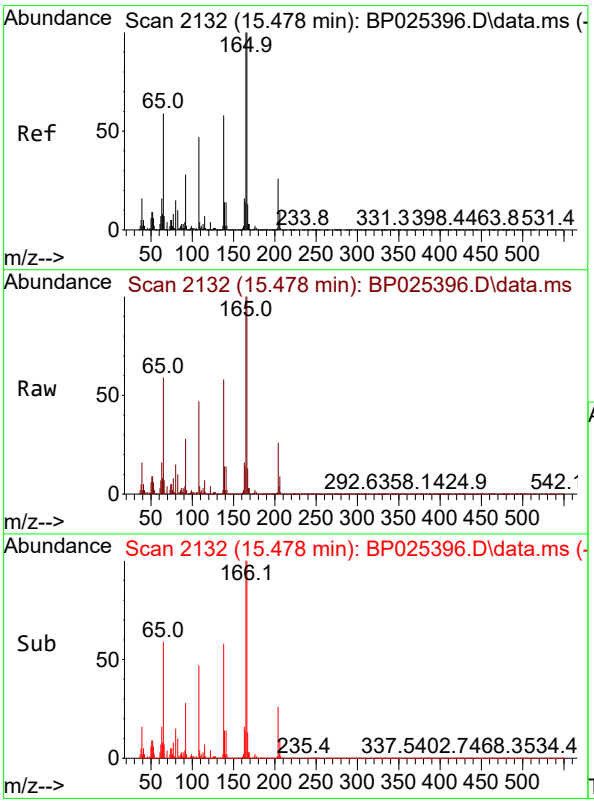
Supervised By :Jagrut Upadhyay 08/15/2025

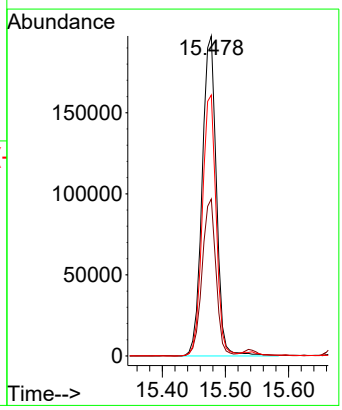


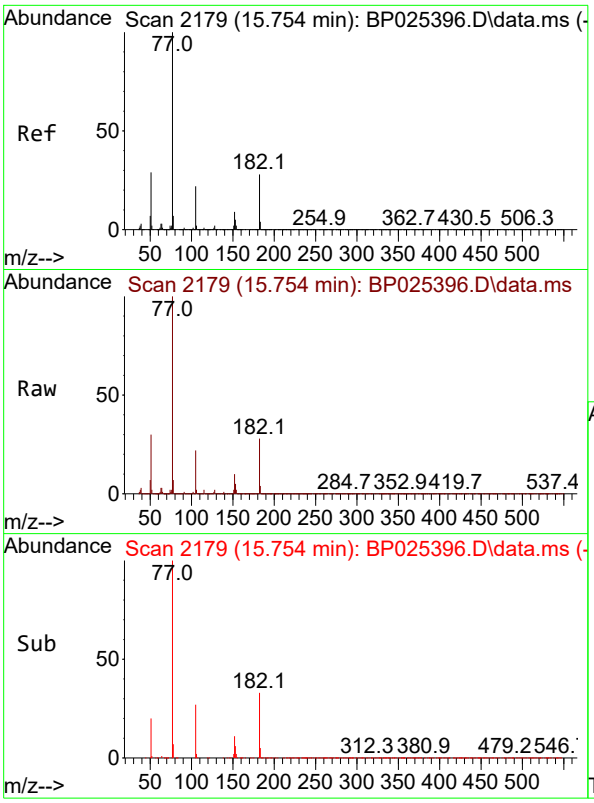


#62
4-Nitroaniline
Concen: 39.443 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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

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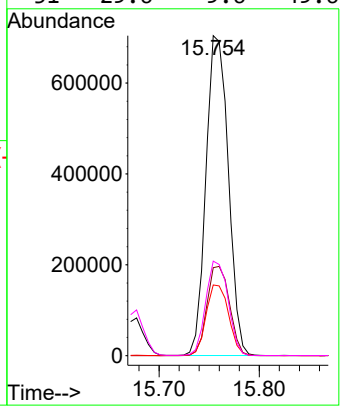
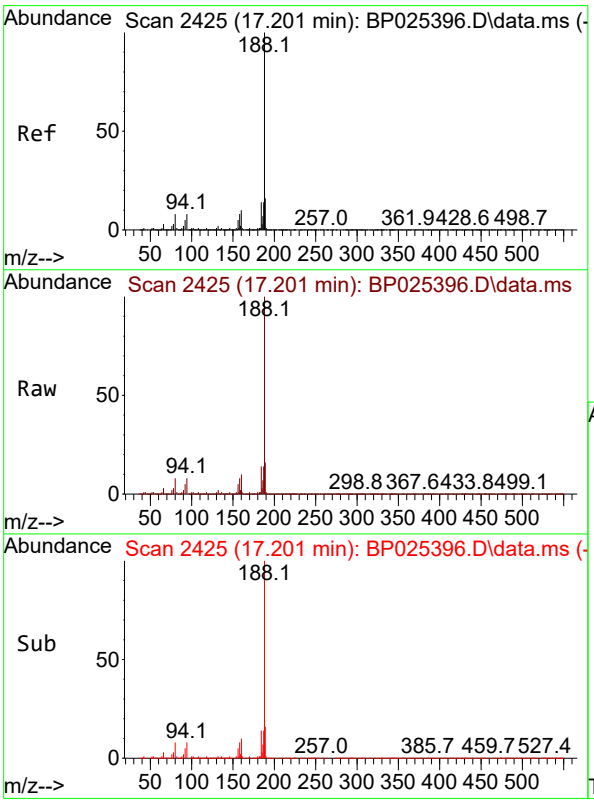
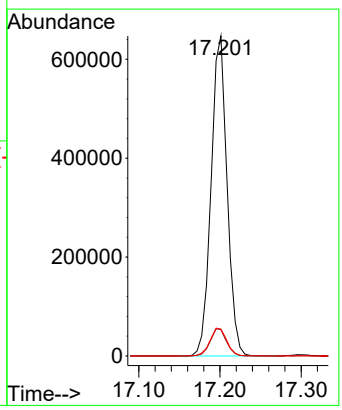


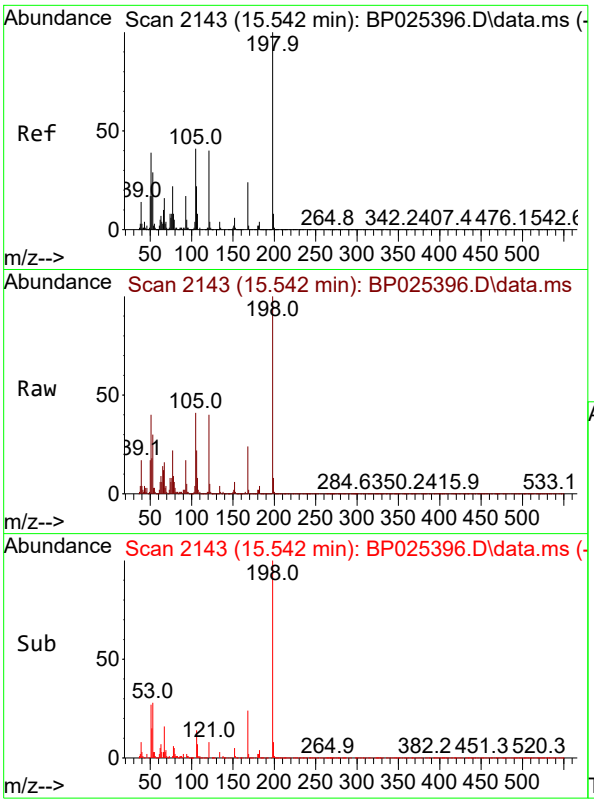


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:188 Resp: 884529

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.6	10.0
80	8.4	6.7	10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 39.384 ng
RT: 15.542 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:198 Resp: 21715

Ion	Ratio	Lower	Upper
198	100		
51	39.6	19.6	59.6
105	40.9	20.9	60.9

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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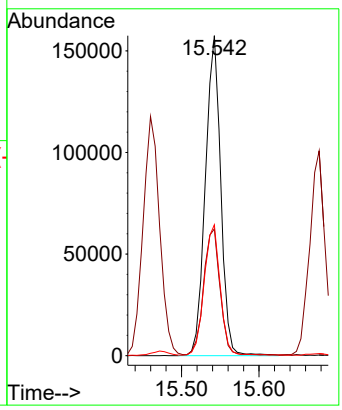
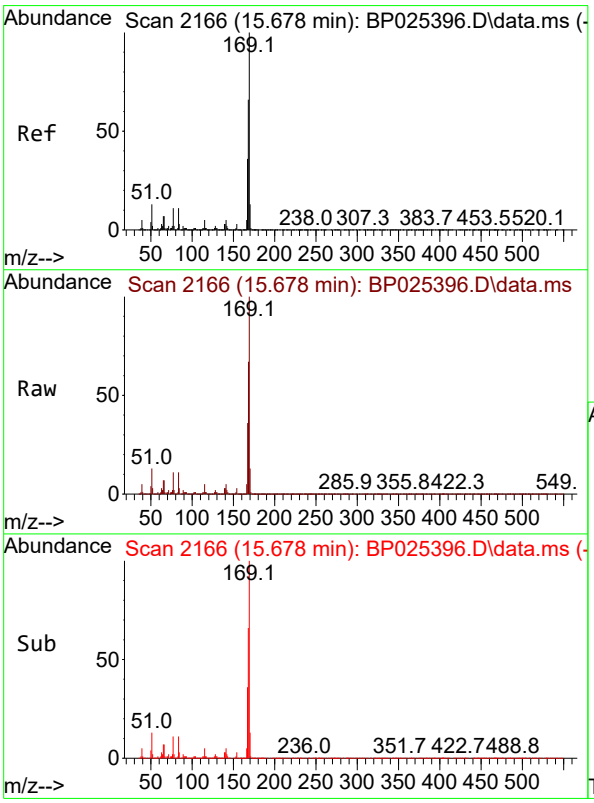
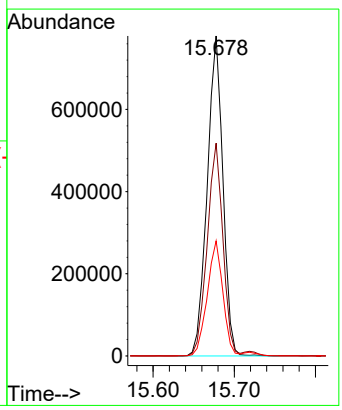


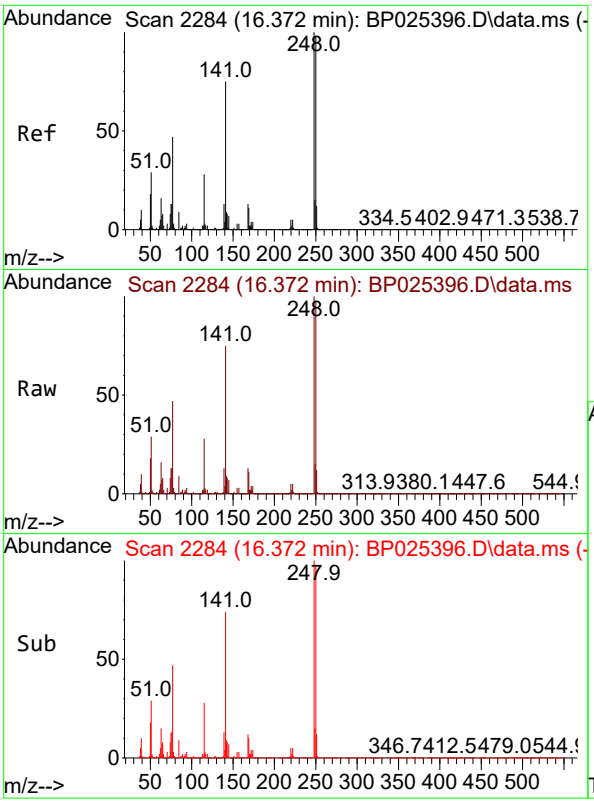


#66
n-Nitrosodiphenylamine
Concen: 38.749 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:169 Resp: 1045170

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.2	79.8
167	35.9	28.7	43.1





#67
4-Bromophenyl-phenylether
Concen: 38.739 ng
RT: 16.372 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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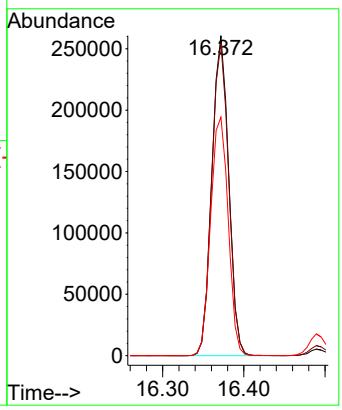
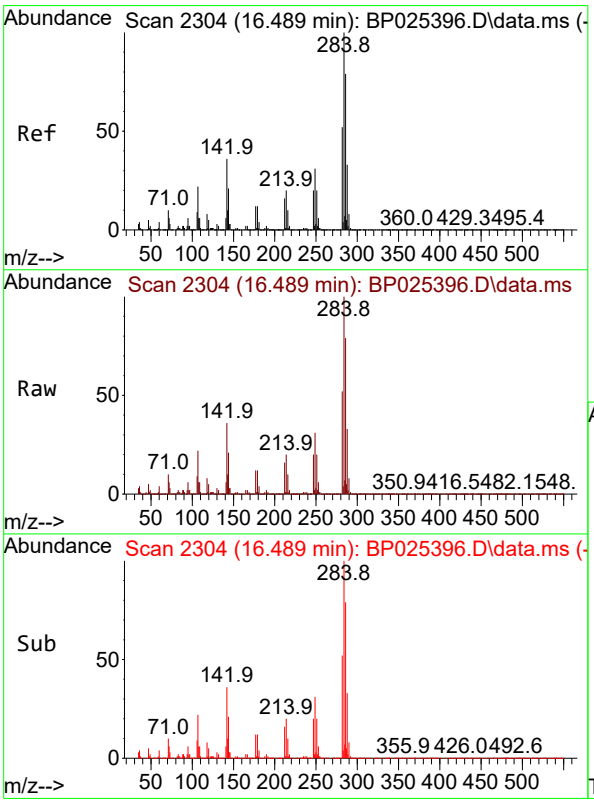
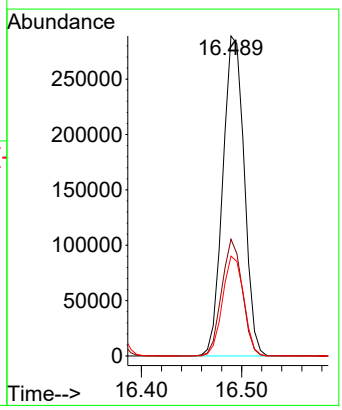


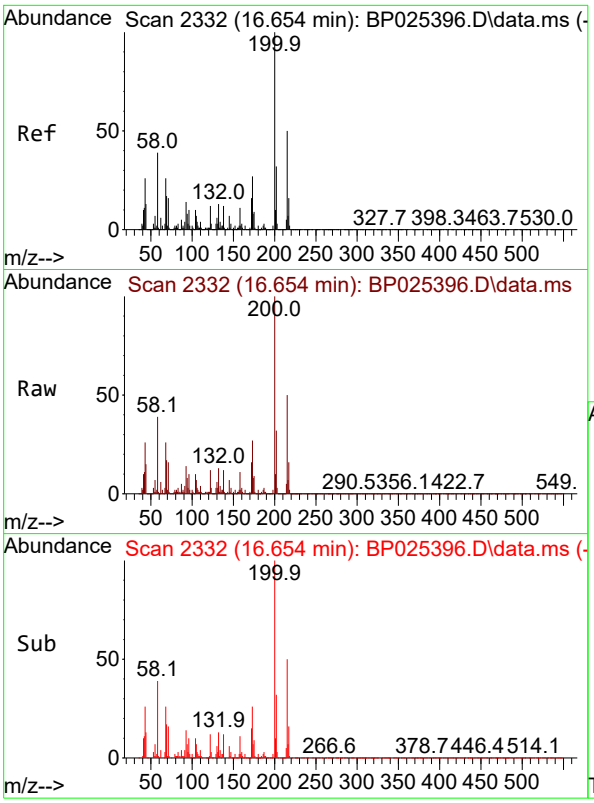


#68
Hexachlorobenzene
Concen: 37.986 ng
RT: 16.489 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:284 Resp: 428361

Ion	Ratio	Lower	Upper
284	100		
142	36.4	29.1	43.7
249	31.2	25.0	37.4

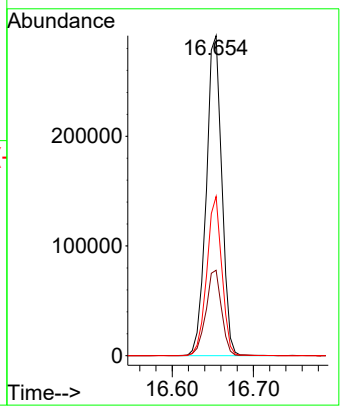




#69
Atrazine
Concen: 38.238 ng
RT: 16.654 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:200 Resp: 38625

Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.7	46.7
215	49.7	29.7	69.7



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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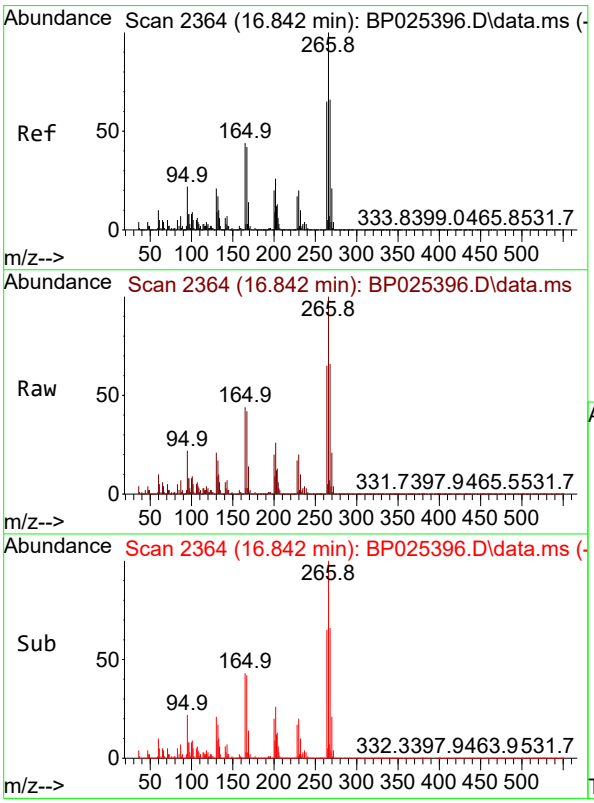
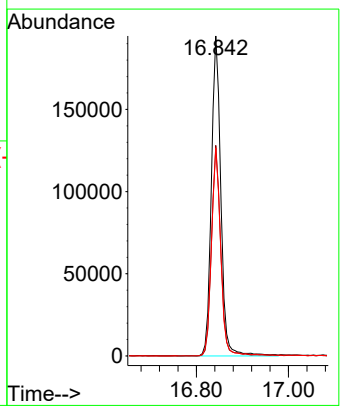
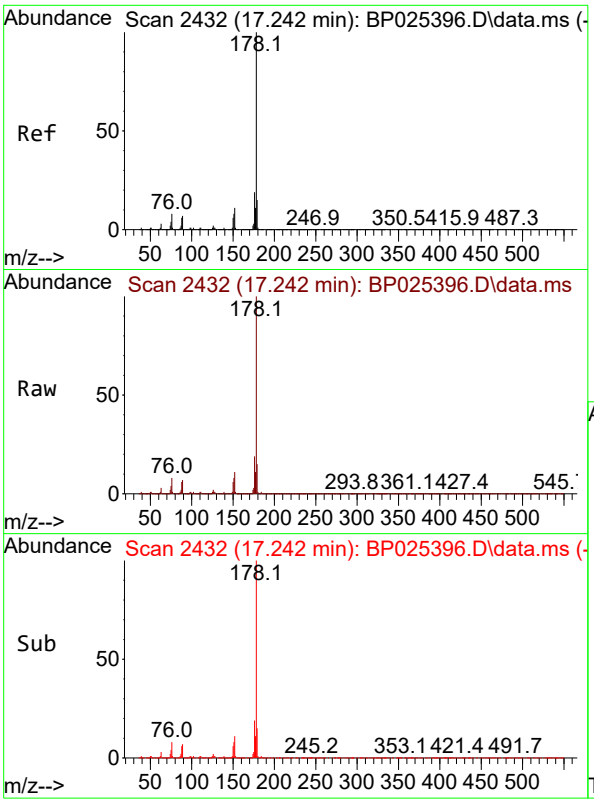


#70
Pentachlorophenol
Concen: 39.110 ng
RT: 16.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:266 Resp: 278412

Ion	Ratio	Lower	Upper
266	100		
268	65.8	52.6	79.0
264	65.0	52.0	78.0





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

Tgt Ion:178 Resp: 183919

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.3	12.2	18.4

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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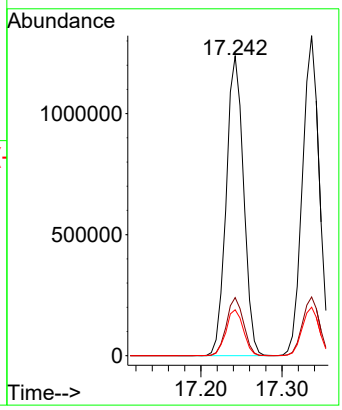
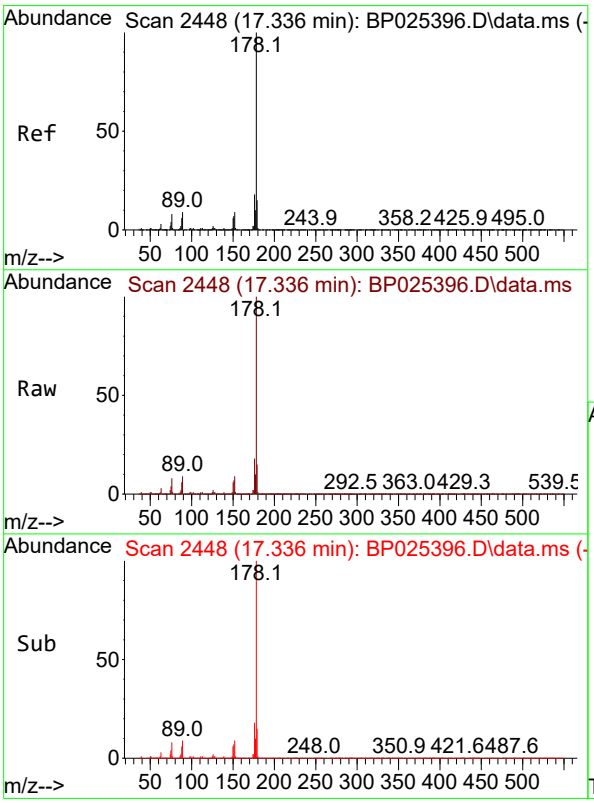
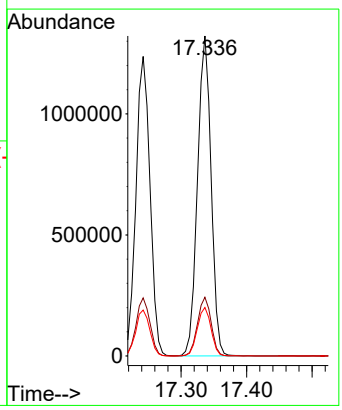


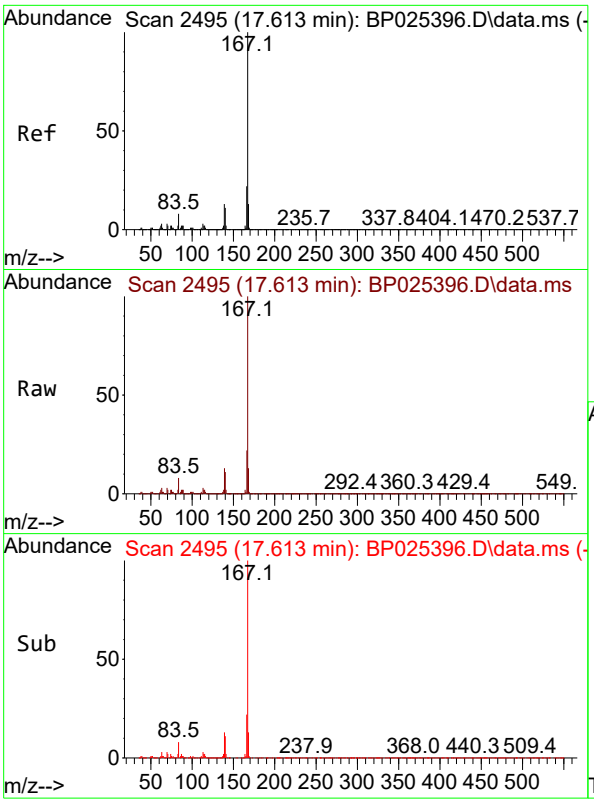


#72
Anthracene
Concen: 38.456 ng
RT: 17.336 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:178 Resp: 1908189

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.2	12.2	18.2

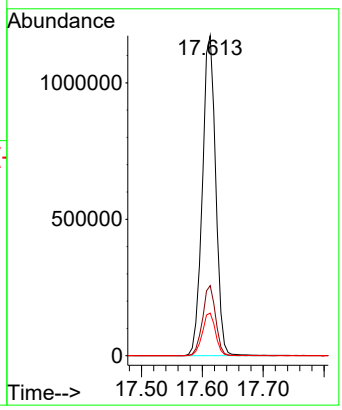




#73
Carbazole
Concen: 38.125 ng
RT: 17.613 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:167 Resp: 178189

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	13.3	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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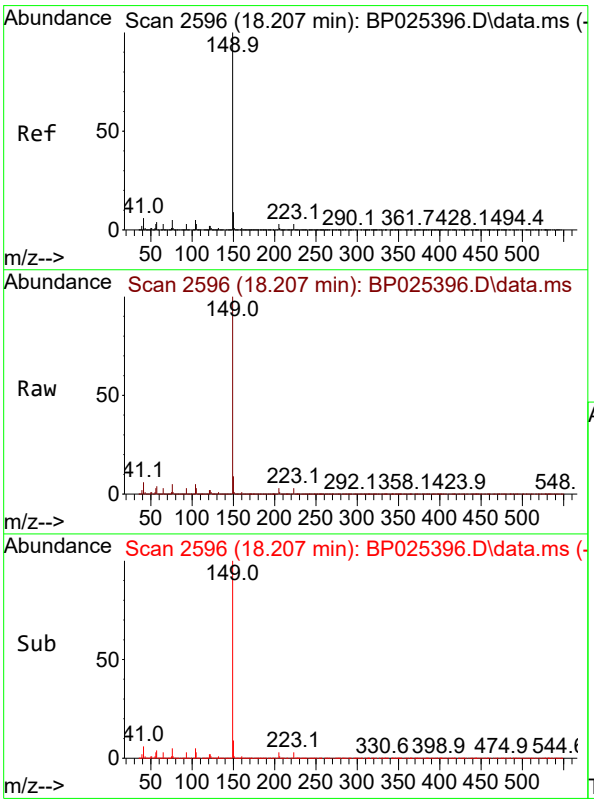
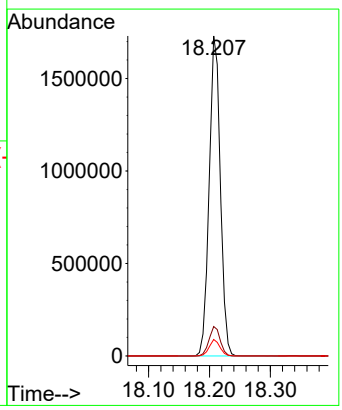
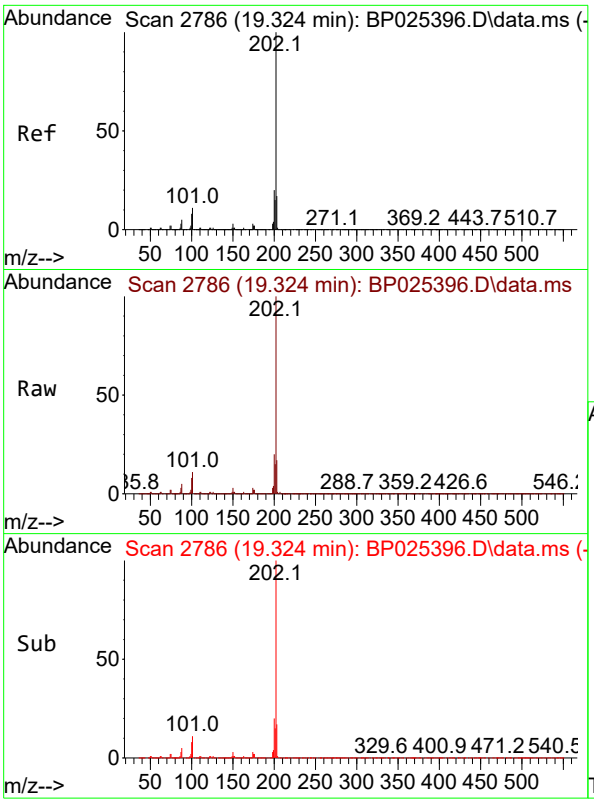


#74
Di-n-butylphthalate
Concen: 38.277 ng
RT: 18.207 min Scan# 2596
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:149 Resp: 2201043

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.2	4.2	6.2

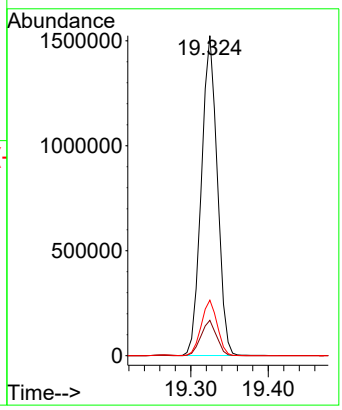




#75
Fluoranthene
Concen: 37.488 ng
RT: 19.324 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:202 Resp: 217275

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.1
203	17.3	0.0	37.3



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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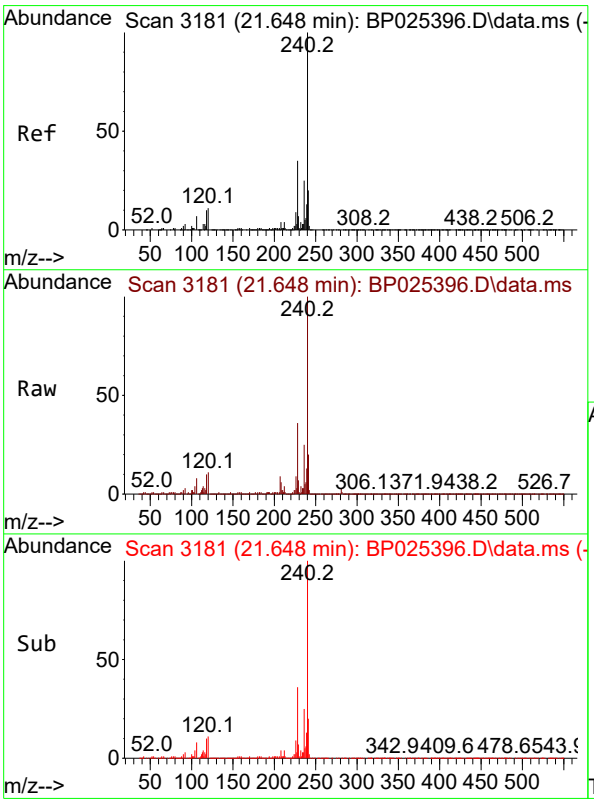
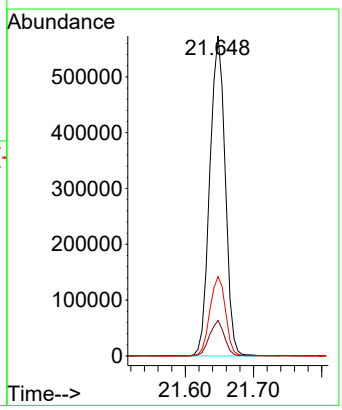
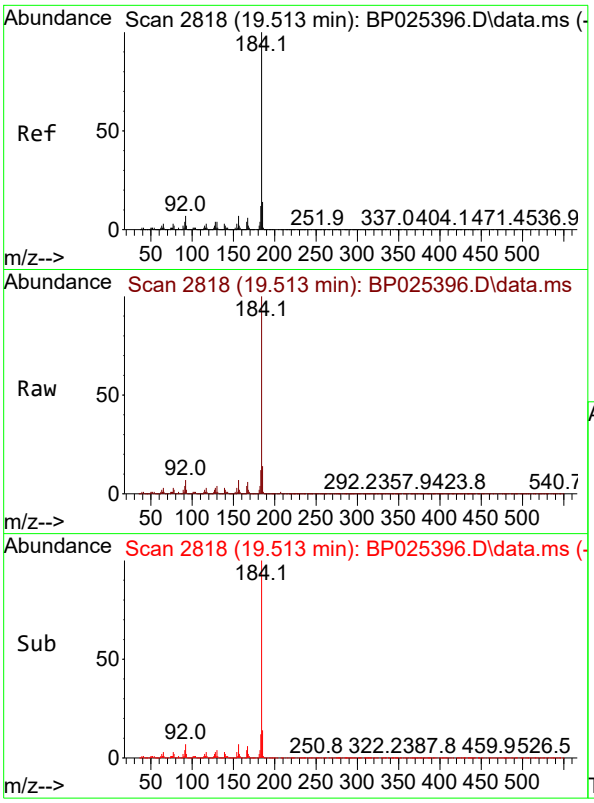


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

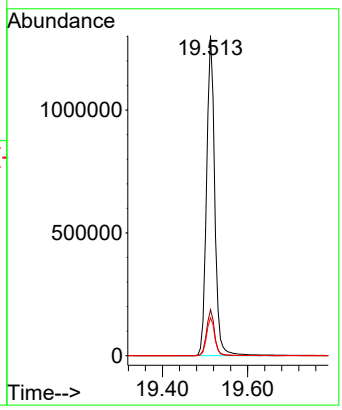




#77
Benzidine
Concen: 56.665 ng
RT: 19.513 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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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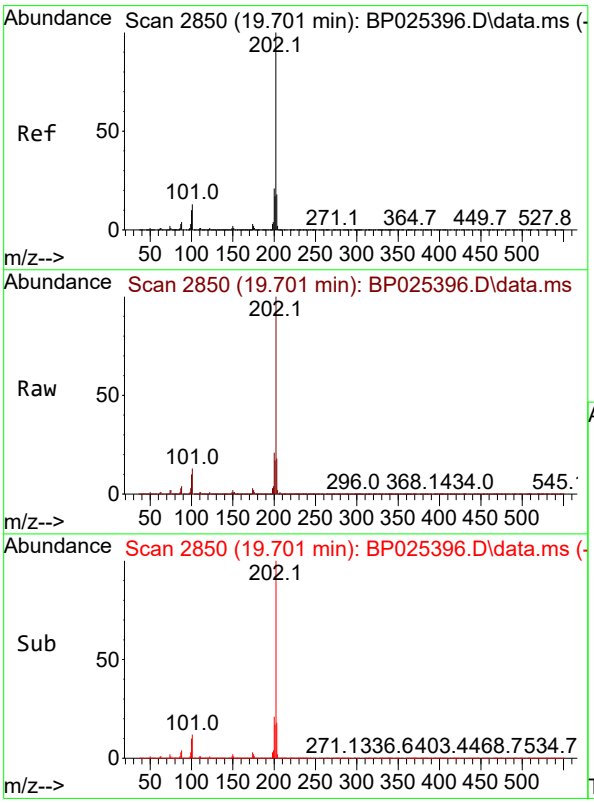
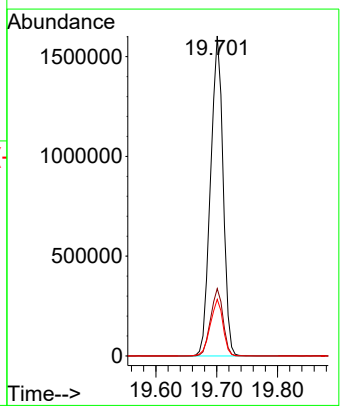
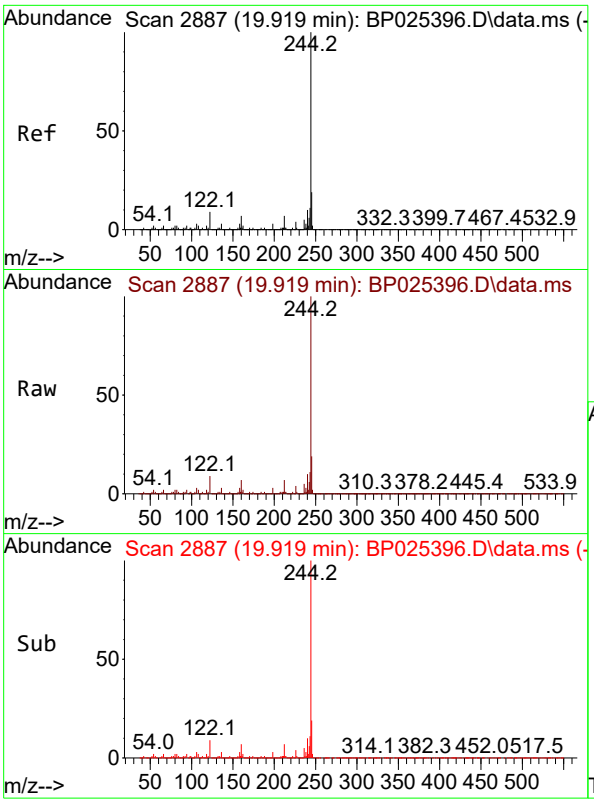


#78
Pyrene
Concen: 39.189 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

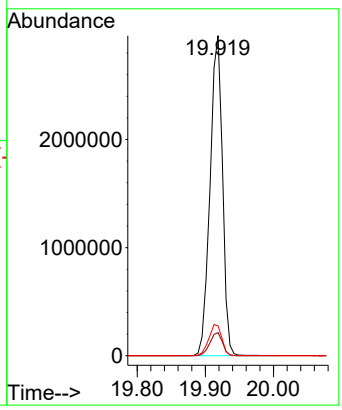




#79
Terphenyl-d14
Concen: 76.508 ng
RT: 19.919 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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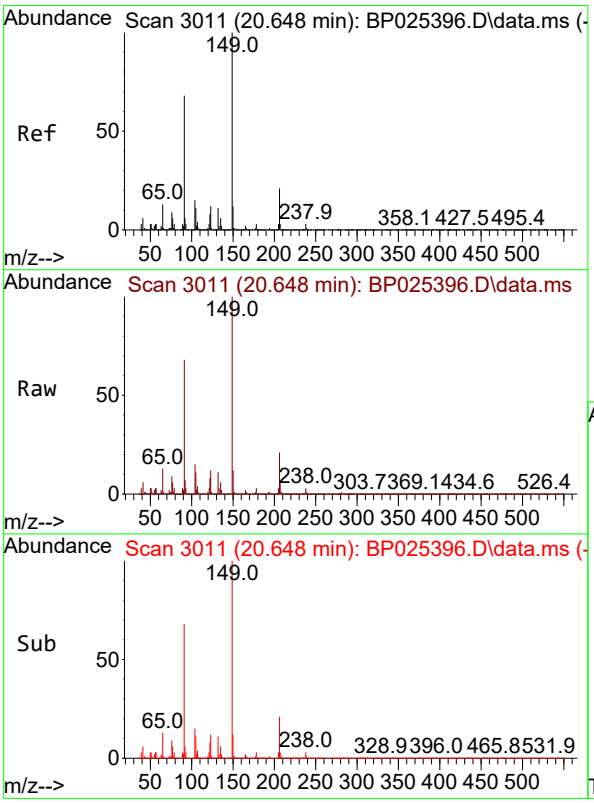
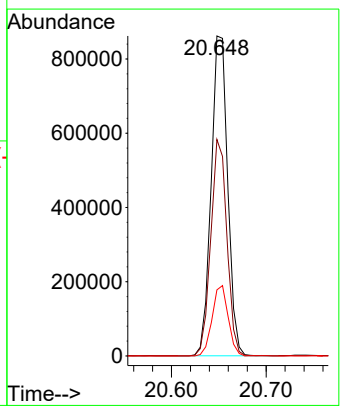
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

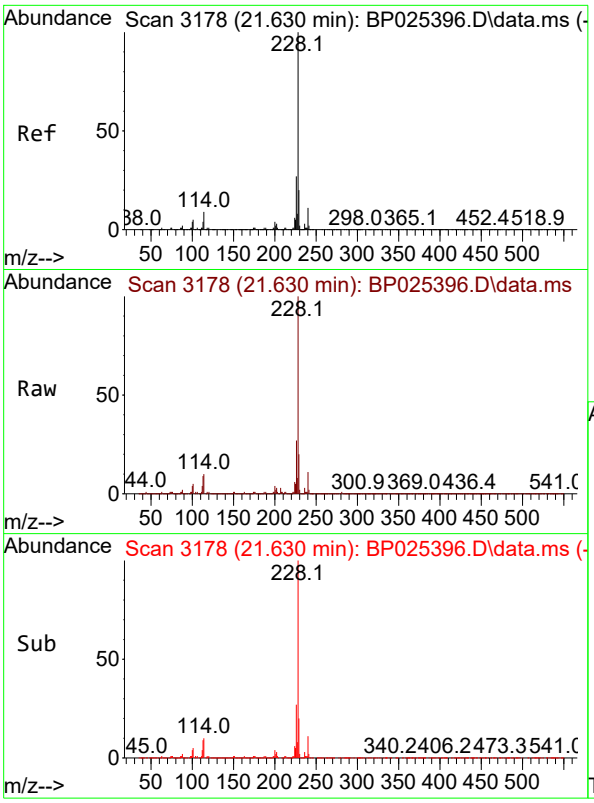


#80
Butylbenzylphthalate
Concen: 39.338 ng
RT: 20.648 min Scan# 3011
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

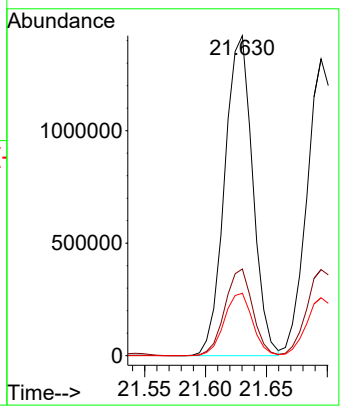




#81
Benzo(a)anthracene
Concen: 38.460 ng
RT: 21.630 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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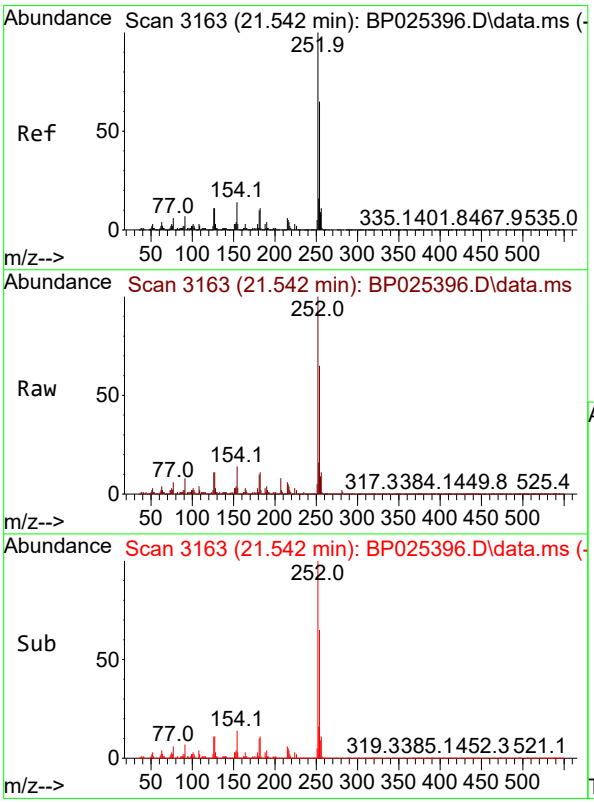
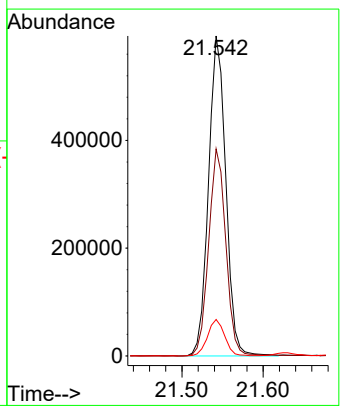
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

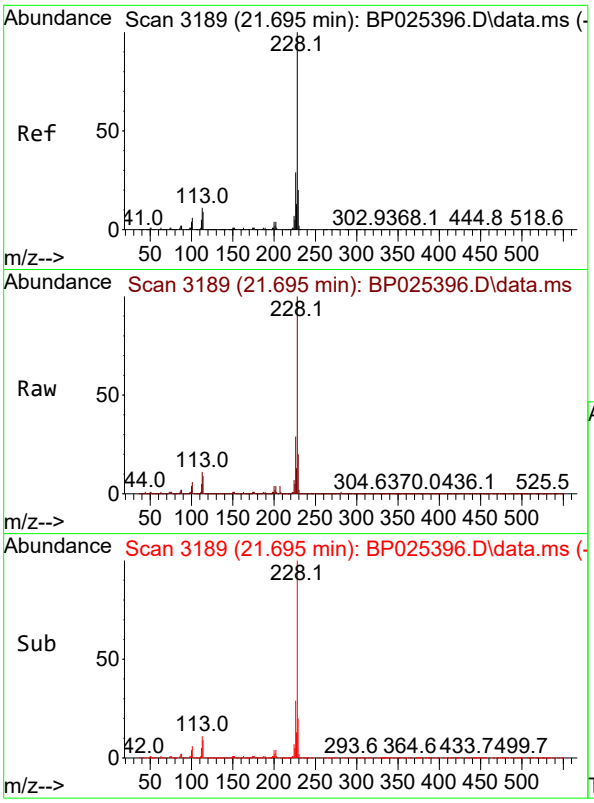


#82
3,3'-Dichlorobenzidine
Concen: 39.266 ng
RT: 21.542 min Scan# 3163
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

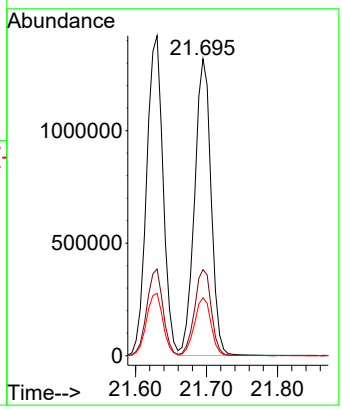




#83
Chrysene
Concen: 38.278 ng
RT: 21.695 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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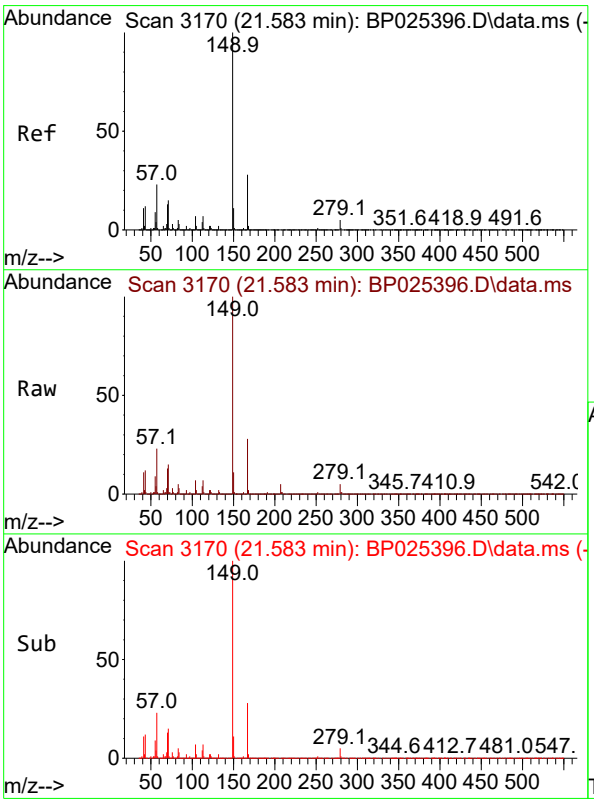
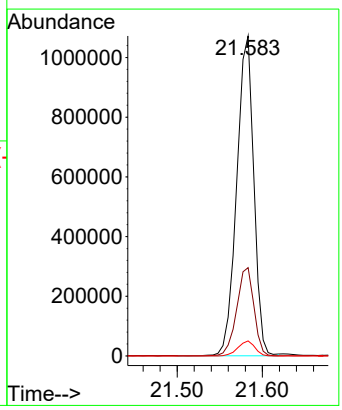
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

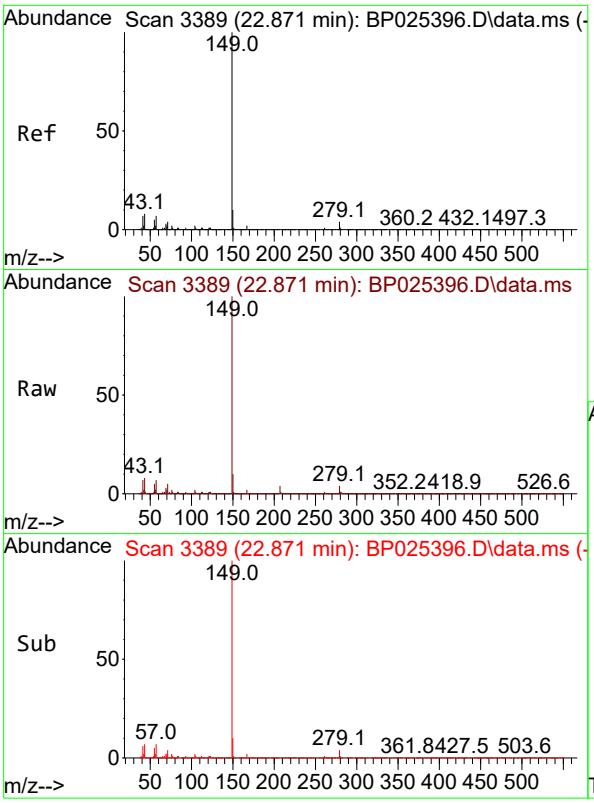


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.310 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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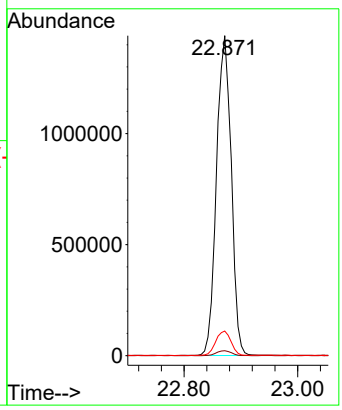
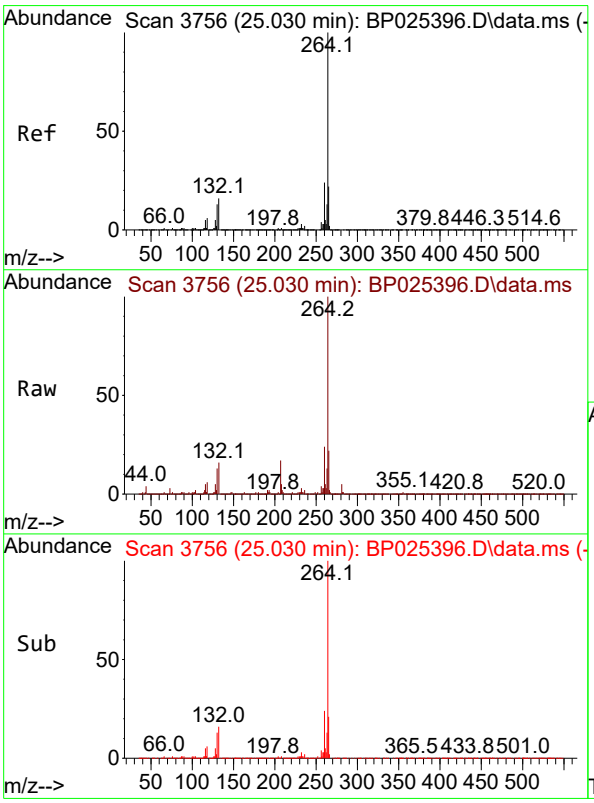
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

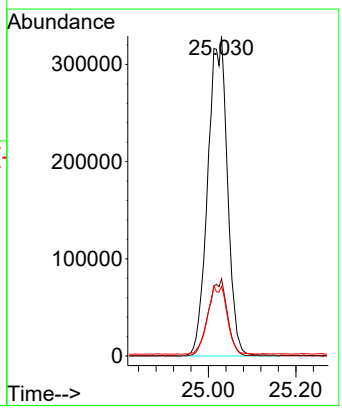


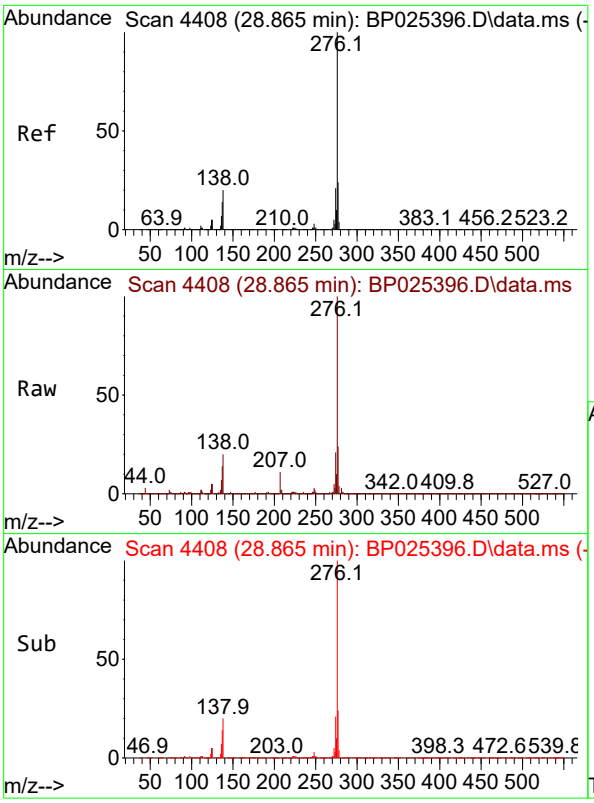


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.030 min Scan# 3756
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

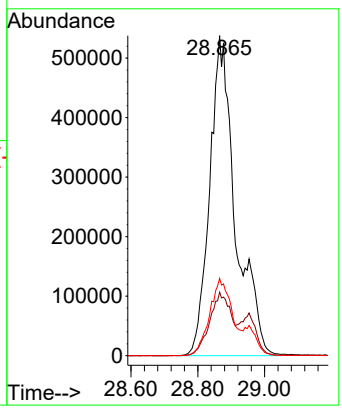




#87
Indeno(1,2,3-cd)pyrene
Concen: 38.470 ng m
RT: 28.865 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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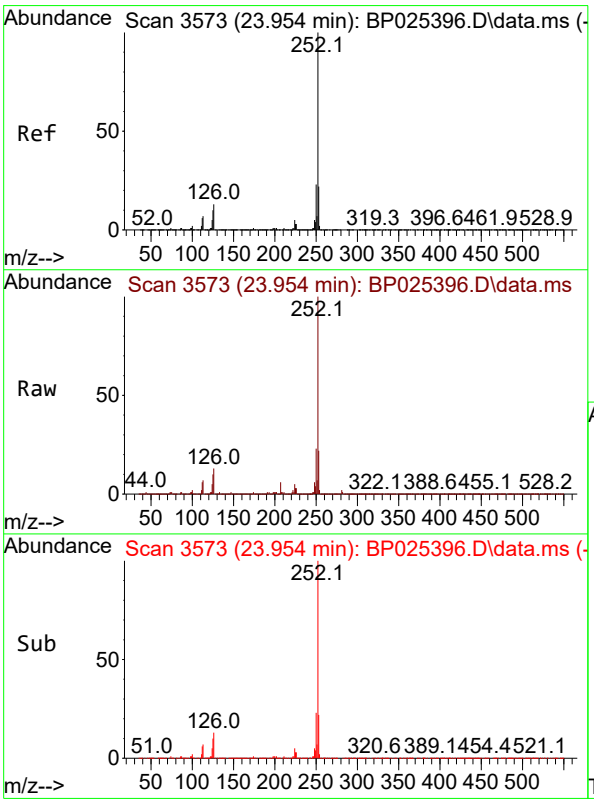
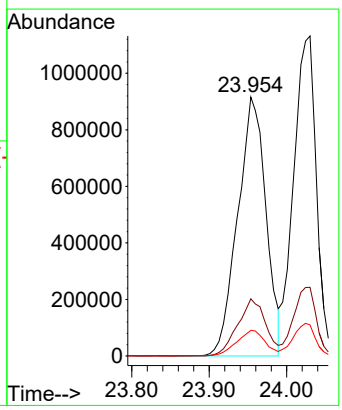
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

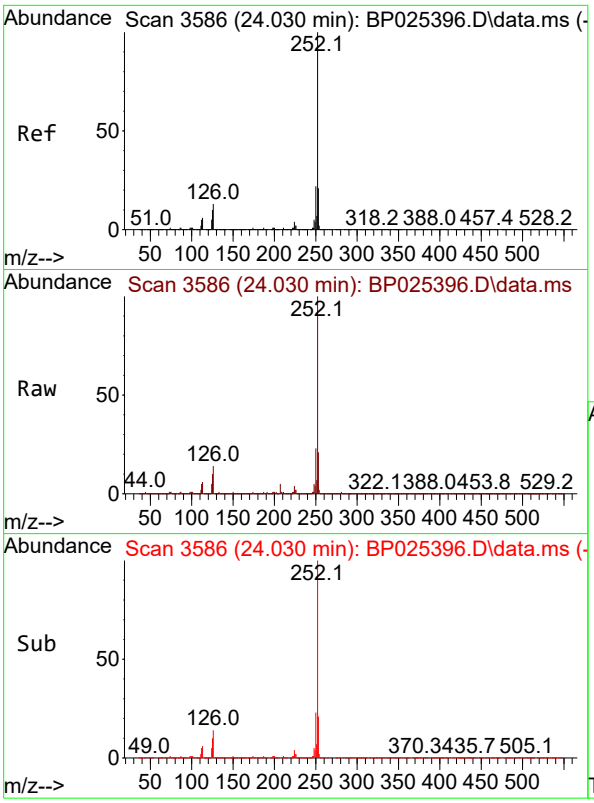


#88
Benzo(b)fluoranthene
Concen: 38.462 ng
RT: 23.954 min Scan# 3573
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

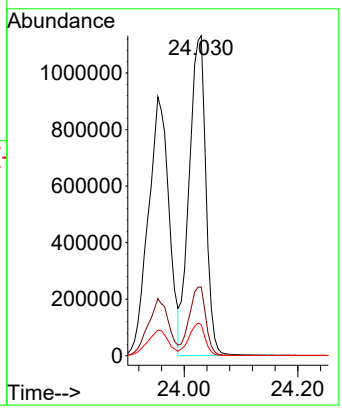




#89
Benzo(k)fluoranthene
Concen: 38.285 ng
RT: 24.030 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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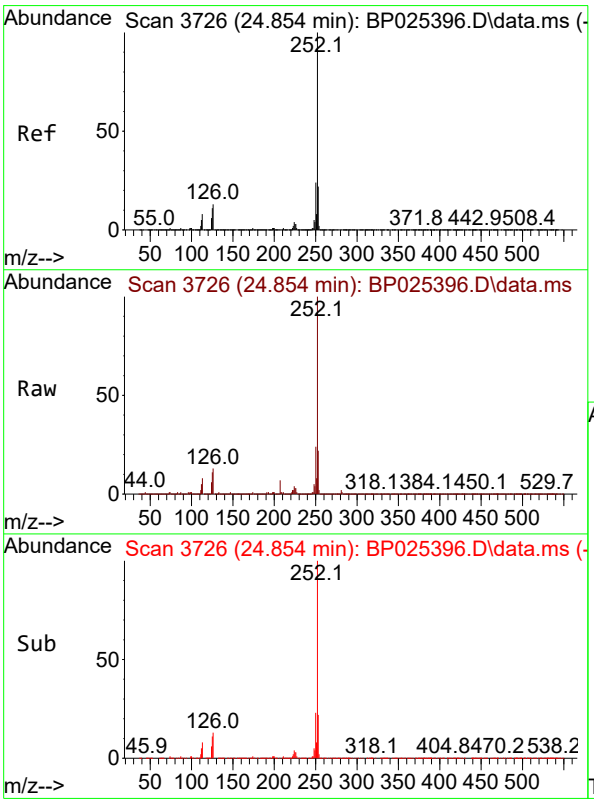
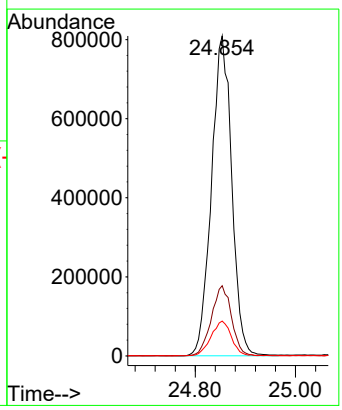
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

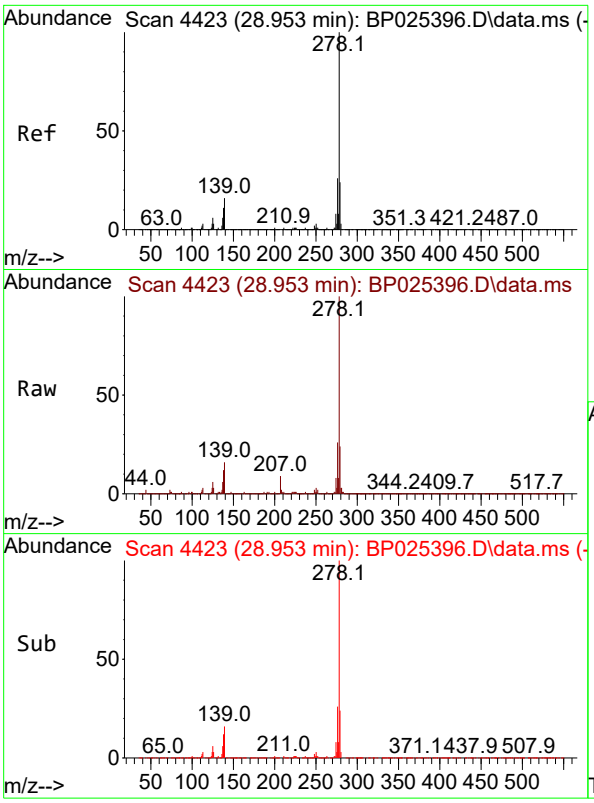


#90
Benzo(a)pyrene
Concen: 38.620 ng
RT: 24.854 min Scan# 3726
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

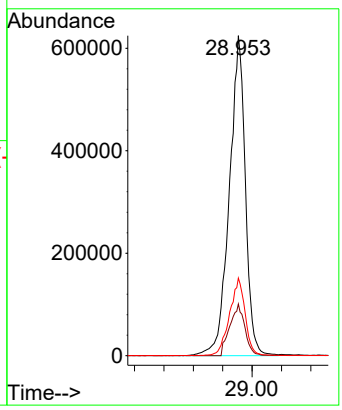




#91
Dibenzo(a,h)anthracene
Concen: 38.589 ng
RT: 28.953 min Scan# 44
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:278 Resp: 236384

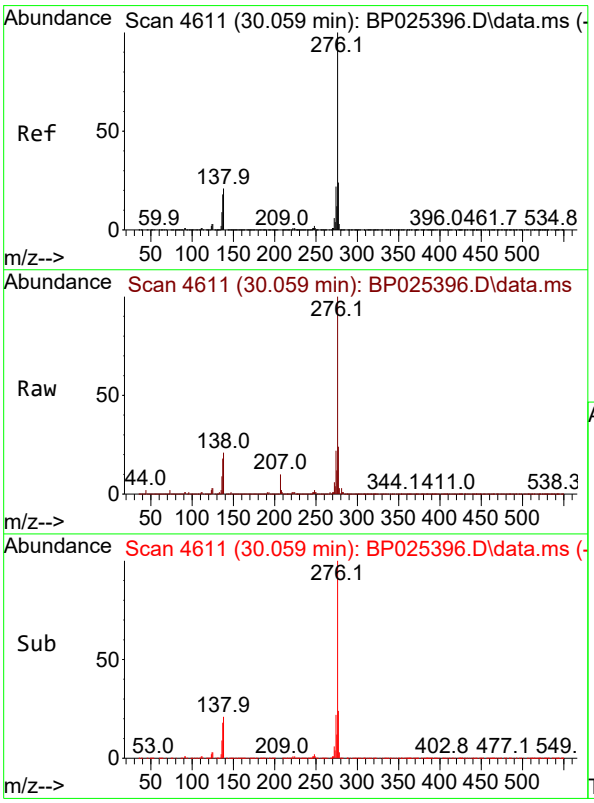
Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.0	19.4
279	24.3	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

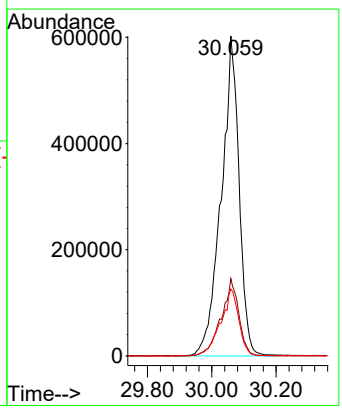
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#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

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
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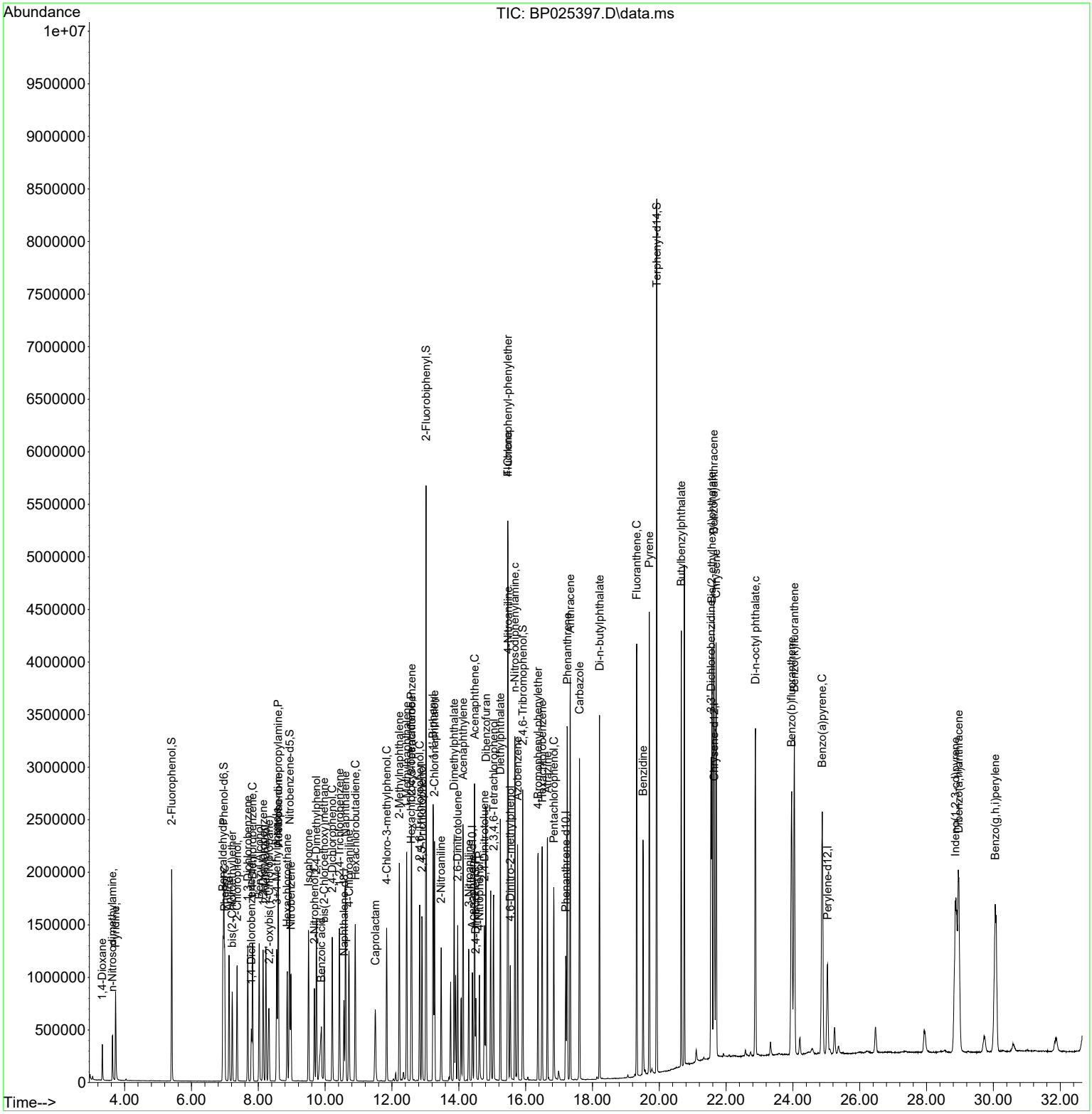
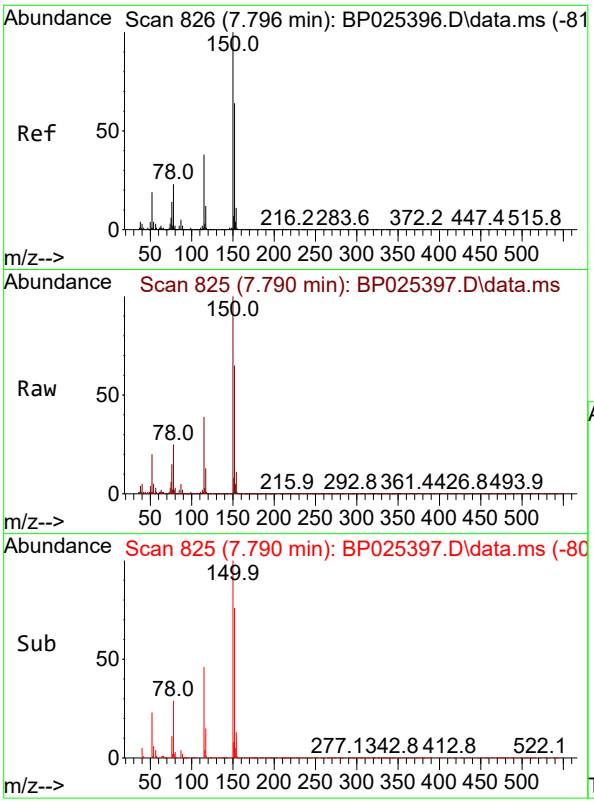
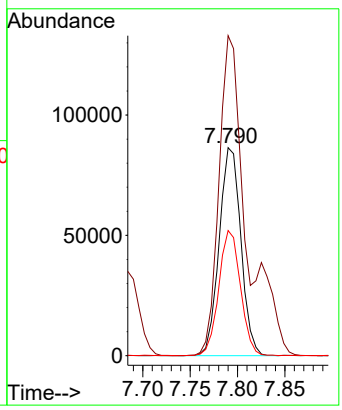




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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



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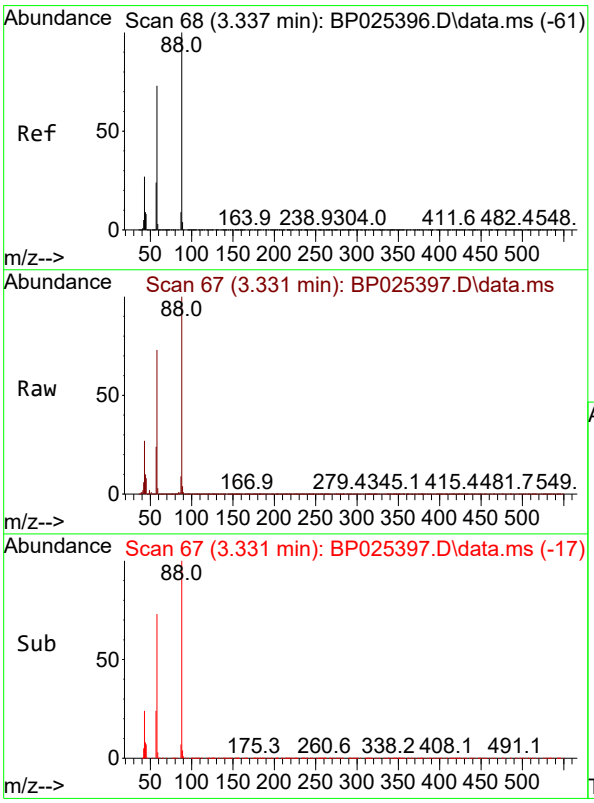
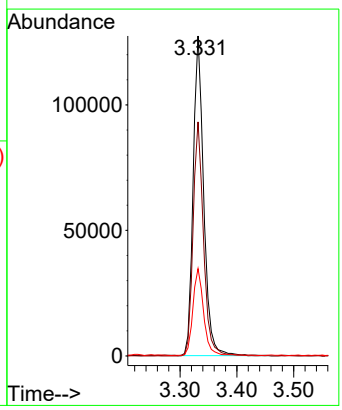
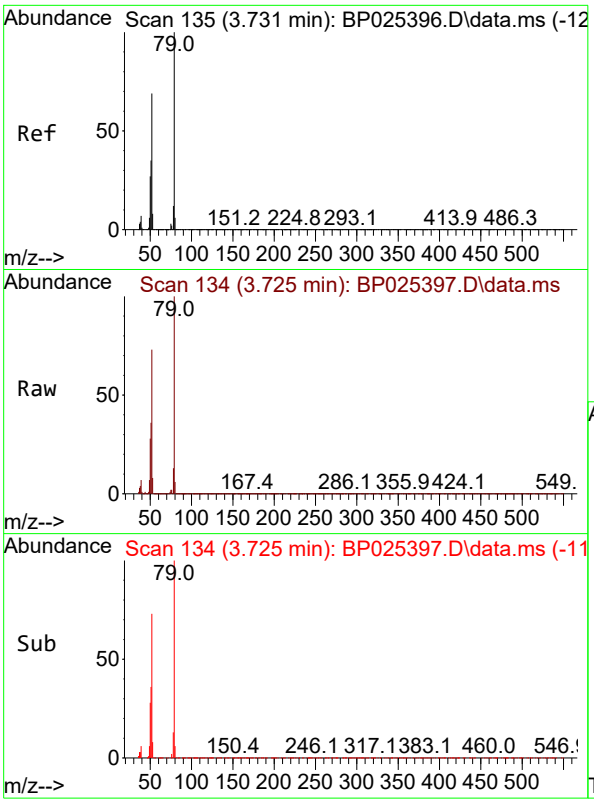


#2
1,4-Dioxane
Concen: 50.769 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

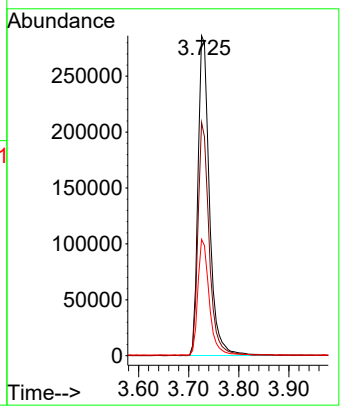




#3
Pyridine
Concen: 50.983 ng
RT: 3.725 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
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ClientSampleId :
SSTDICC050

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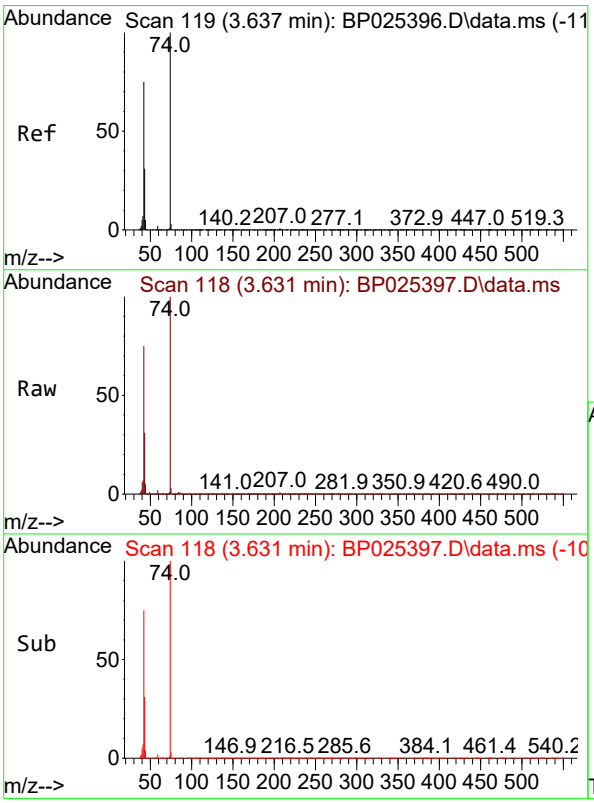
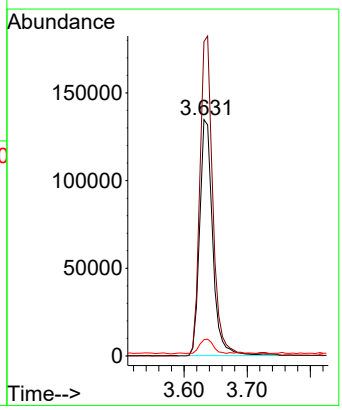
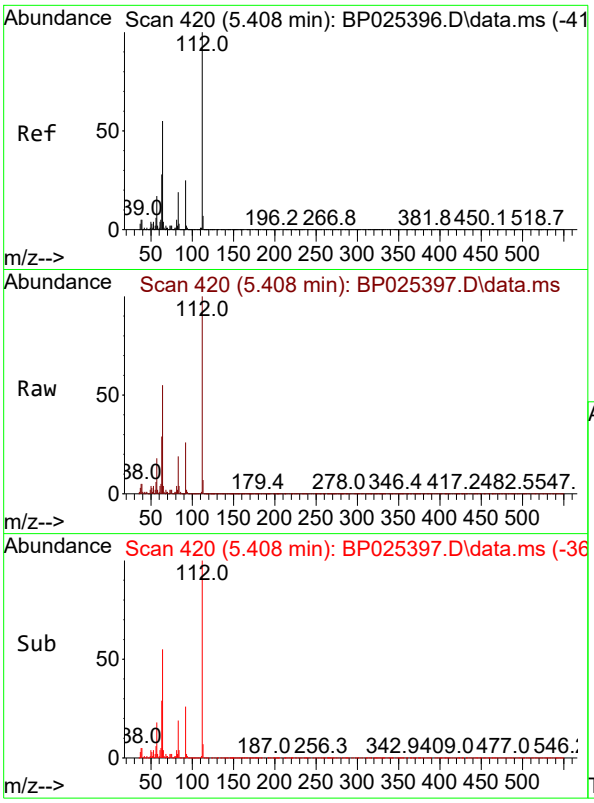


#4
n-Nitrosodimethylamine
Concen: 52.524 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

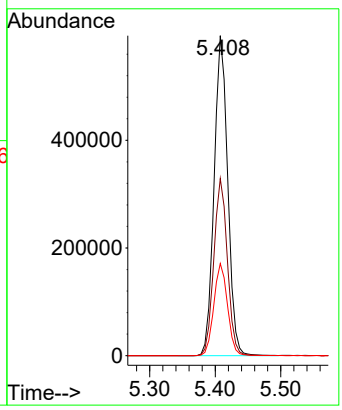




#5
2-Fluorophenol
Concen: 102.963 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
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ClientSampleId :
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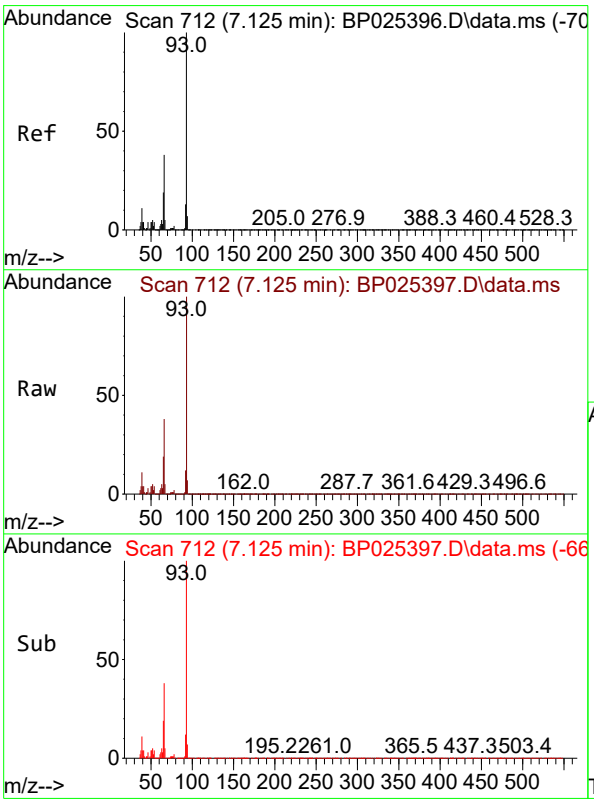
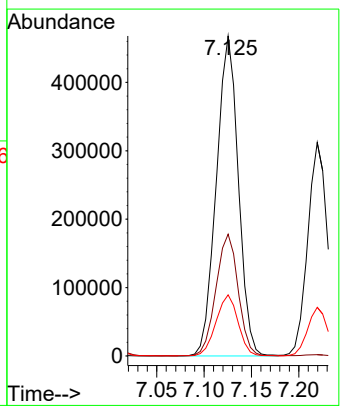
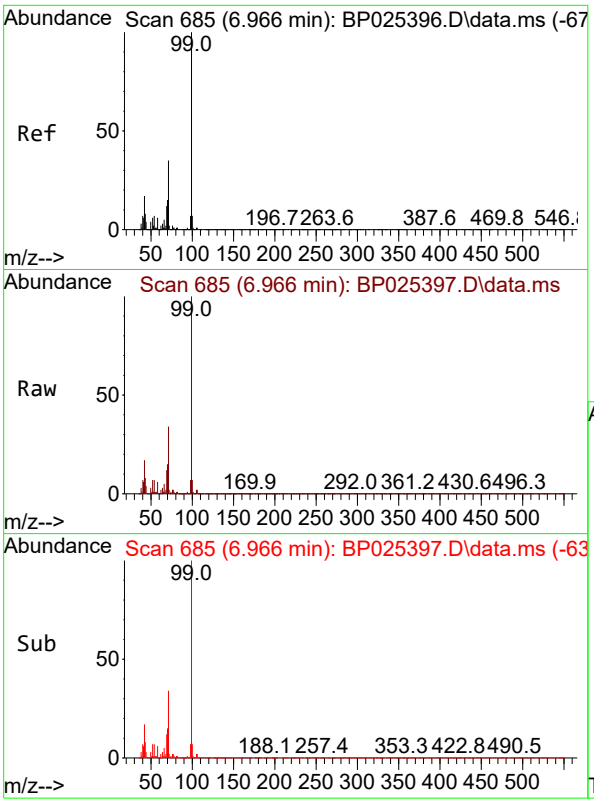


#6
Aniline
Concen: 52.743 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

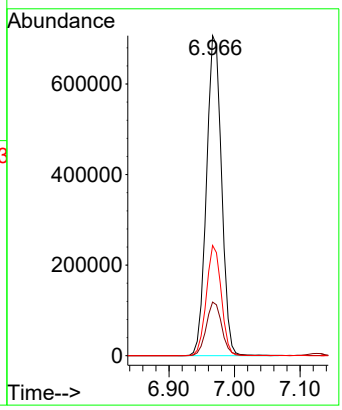




#7
Phenol-d6
Concen: 106.283 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
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ClientSampleId :
SSTDICC050

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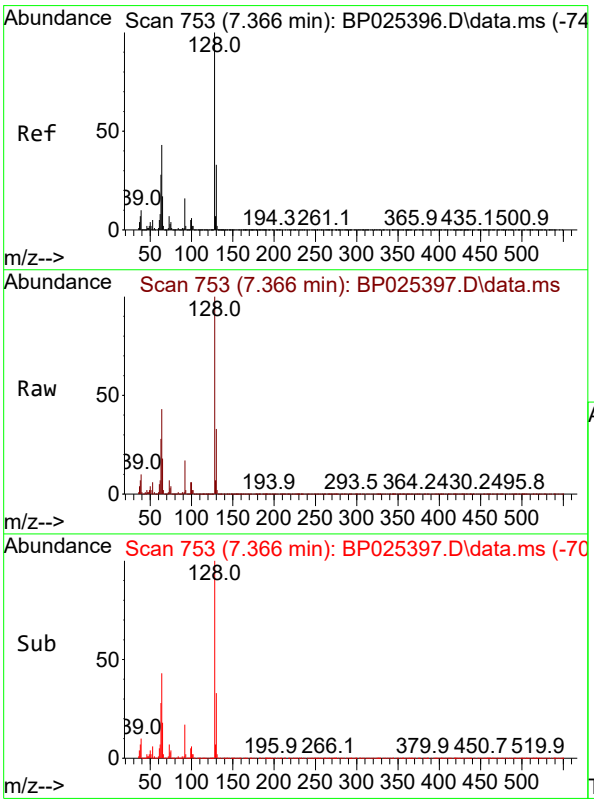
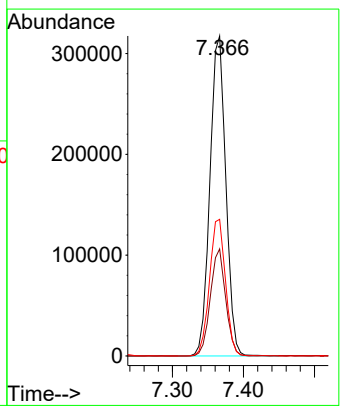
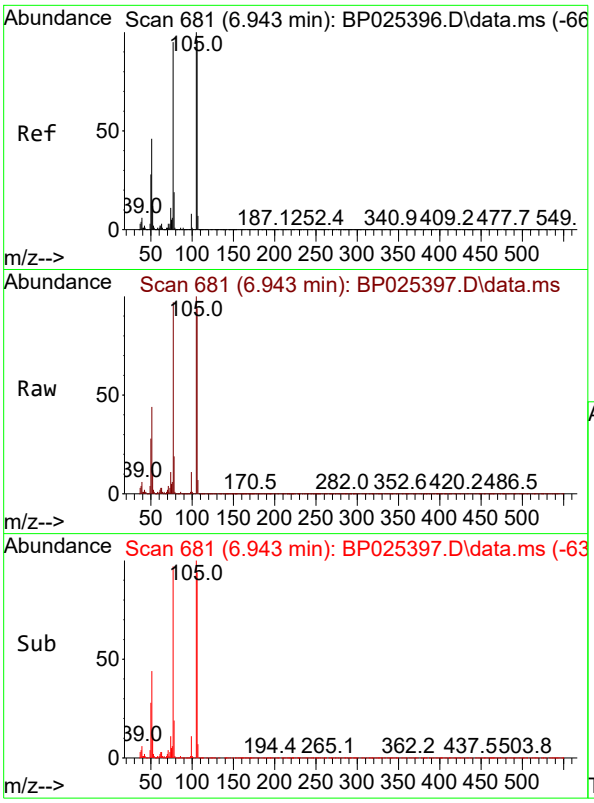


#8
2-Chlorophenol
Concen: 52.550 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

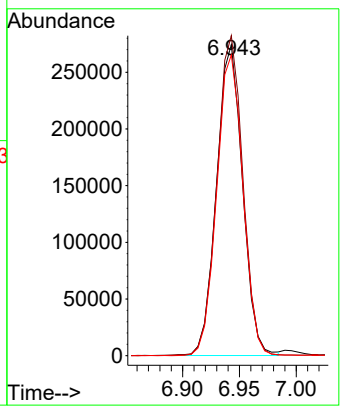




#9
Benzaldehyde
Concen: 58.325 ng
RT: 6.943 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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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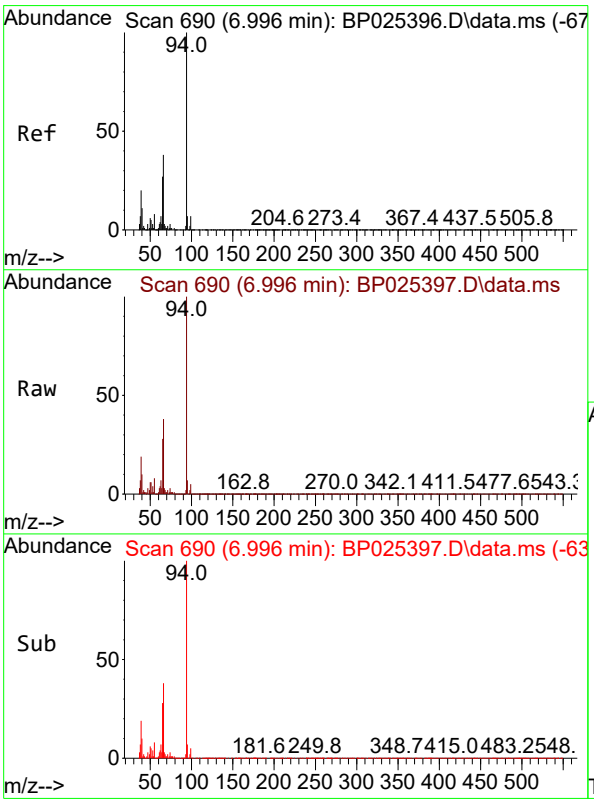
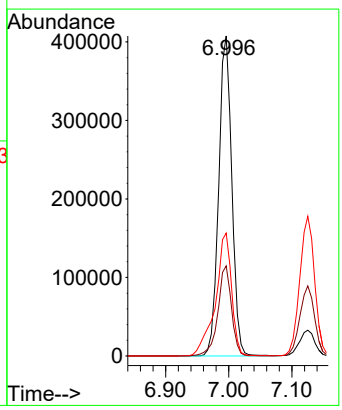
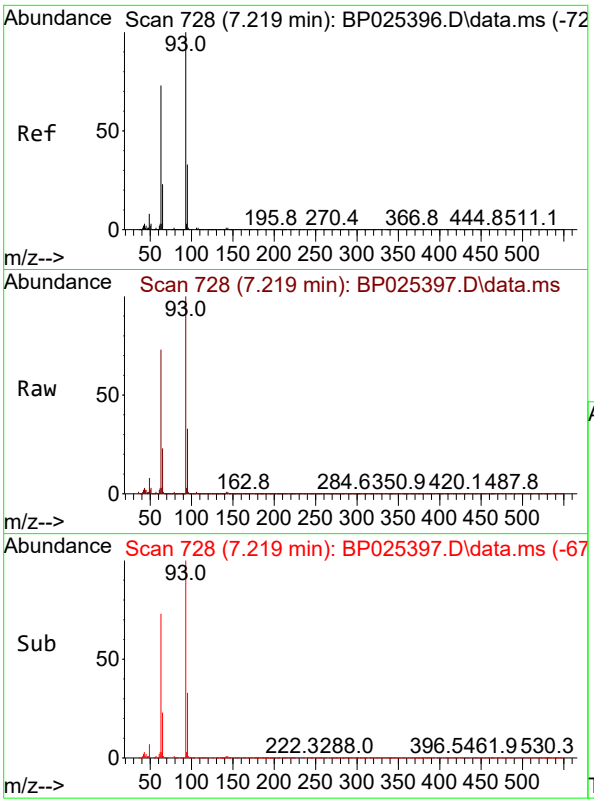


#10
Phenol
Concen: 52.687 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

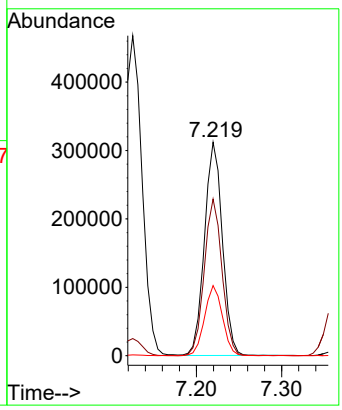




#11
bis(2-Chloroethyl)ether
Concen: 52.320 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
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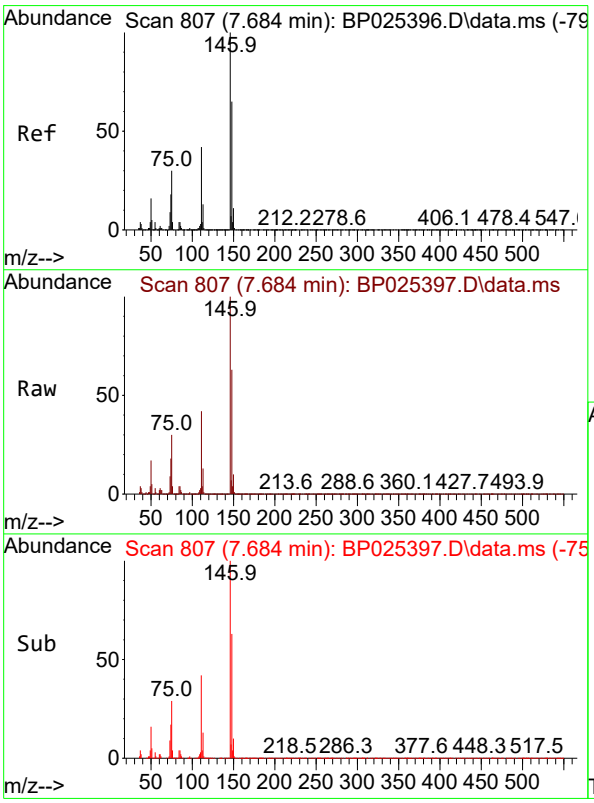
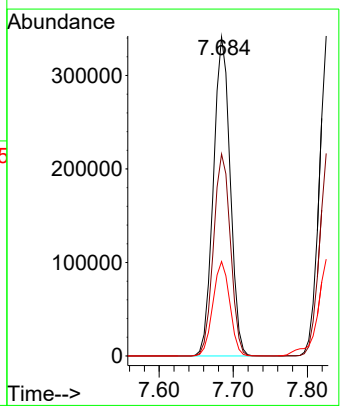
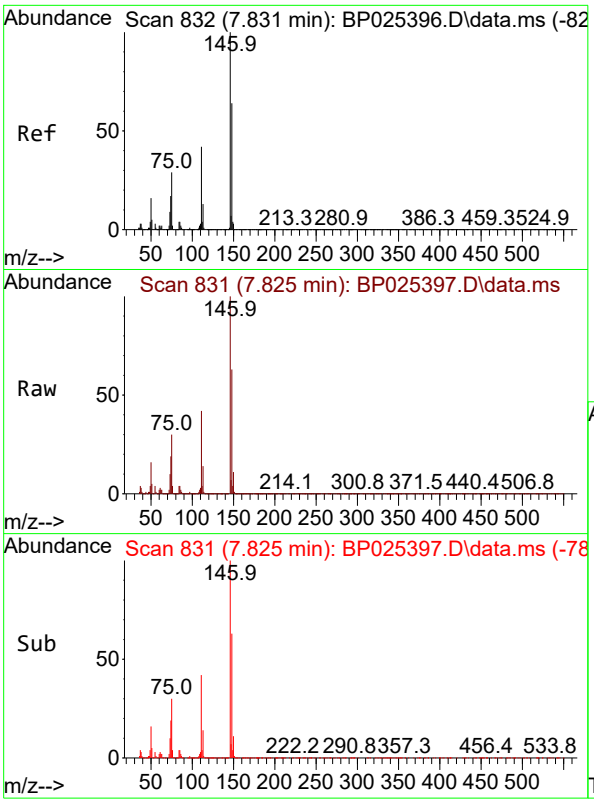


#12
1,3-Dichlorobenzene
Concen: 51.884 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

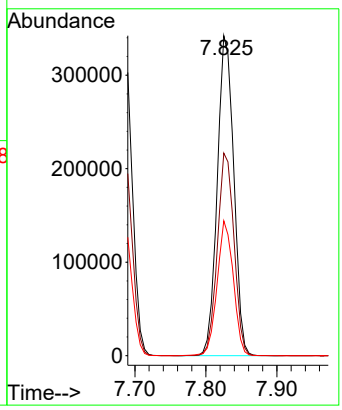




#13
1,4-Dichlorobenzene
Concen: 52.113 ng
RT: 7.825 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
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ClientSampleId :
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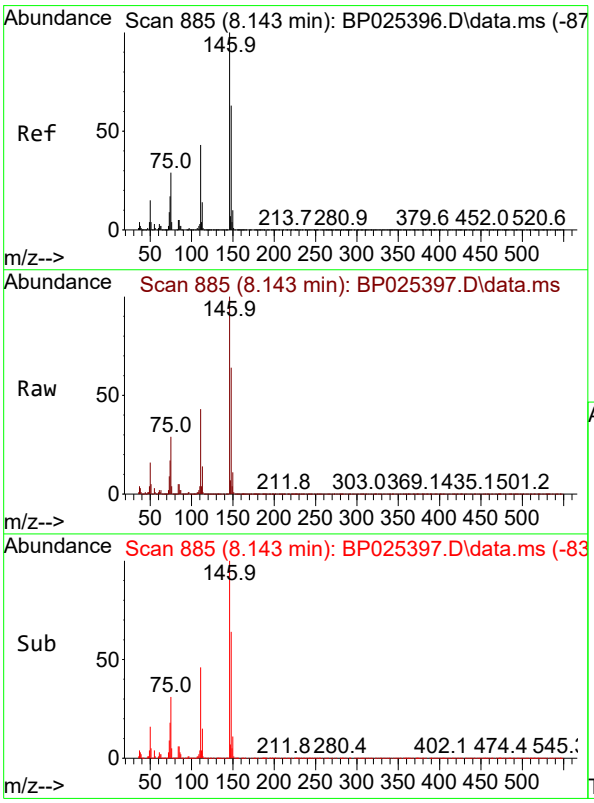
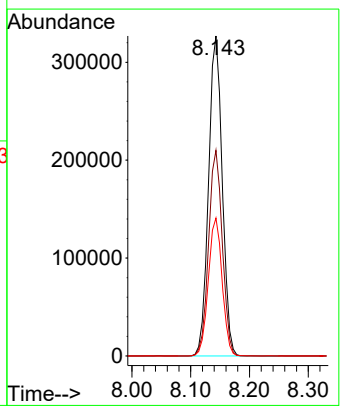
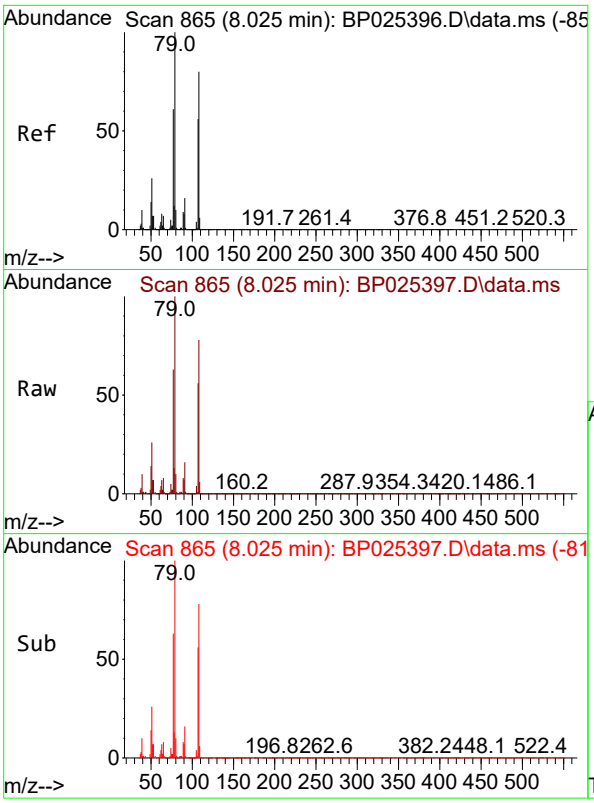


#14
1,2-Dichlorobenzene
Concen: 51.705 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

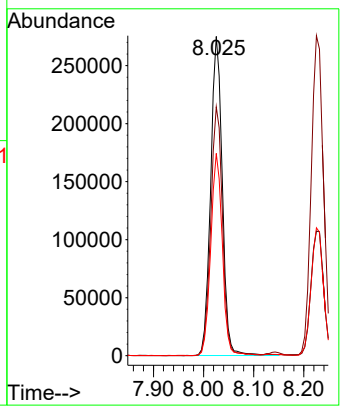




#15
Benzyl Alcohol
Concen: 52.458 ng
RT: 8.025 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
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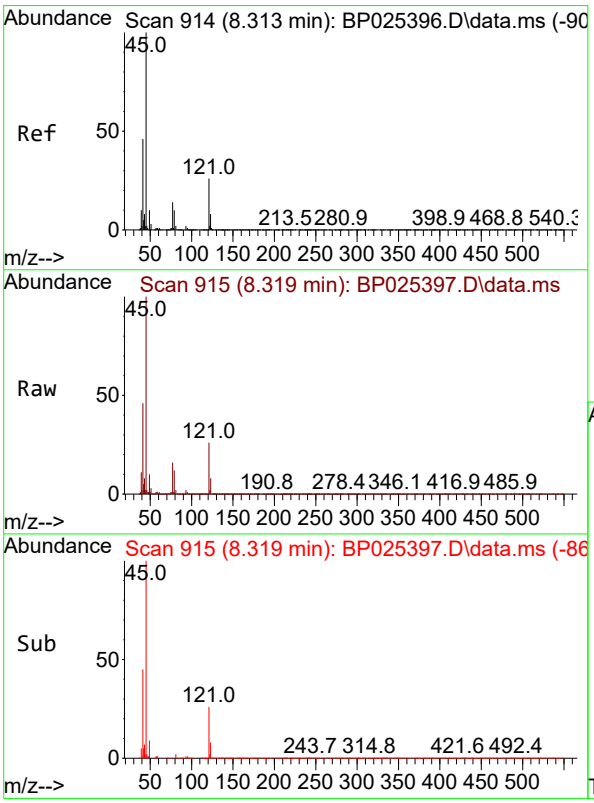
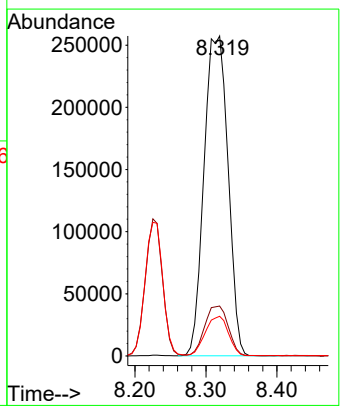
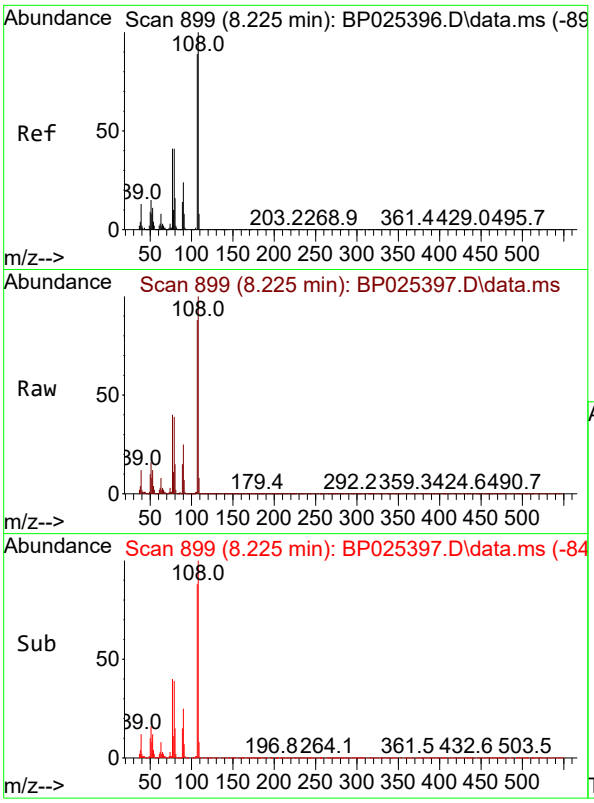


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.742 ng
RT: 8.319 min Scan# 915
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 45 Resp: 603716

Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	35.3
79	12.4	0.0	31.8

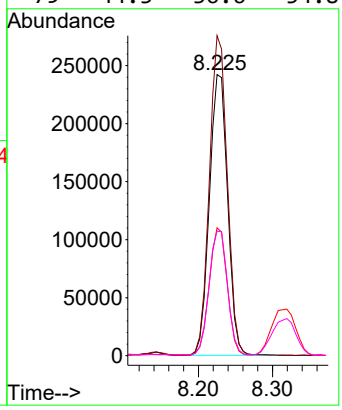




#17
2-Methylphenol
Concen: 53.211 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:107 Resp: 41297

Ion	Ratio	Lower	Upper
107	100		
108	113.8	89.4	134.0
77	45.5	36.3	54.5
79	44.3	36.6	54.8



Instrument :
BNA_P
ClientSampleId :
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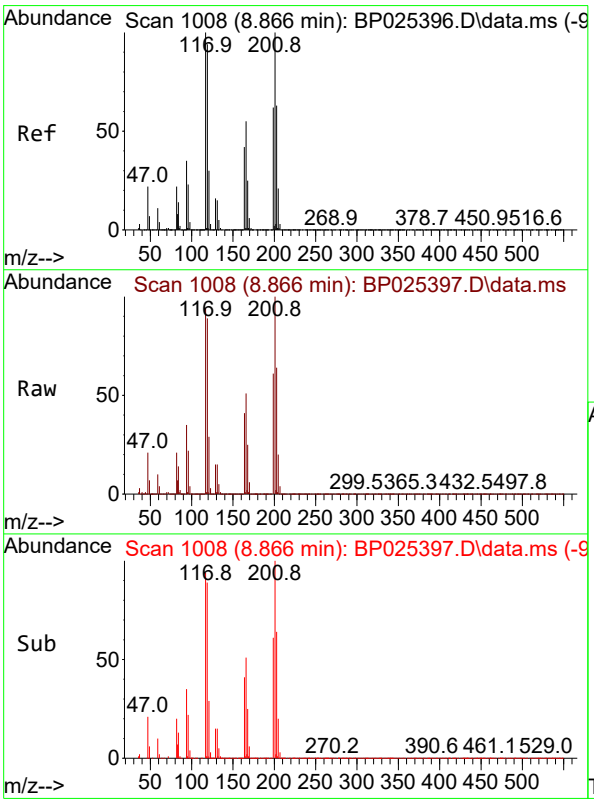
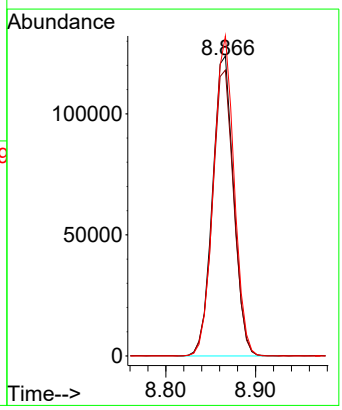
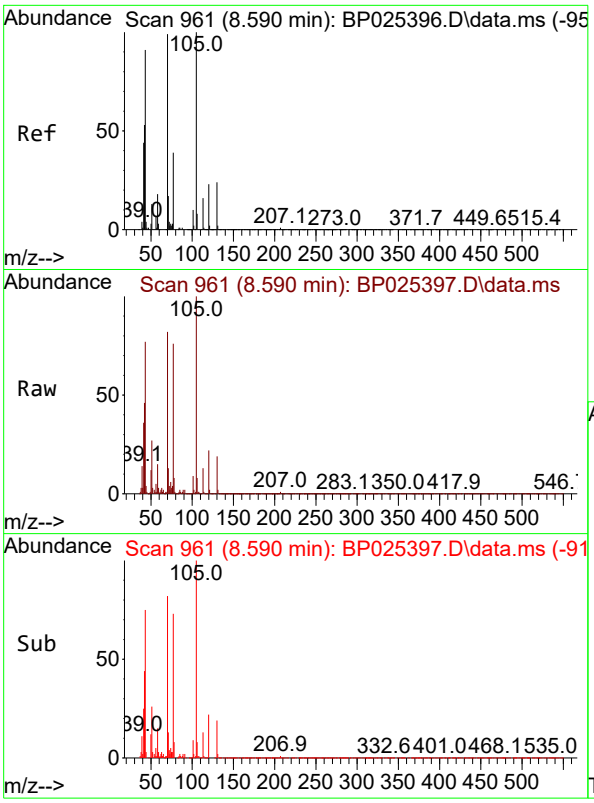


#18
Hexachloroethane
Concen: 52.178 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:117 Resp: 202672

Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.1	112.7
201	106.7	80.1	120.1

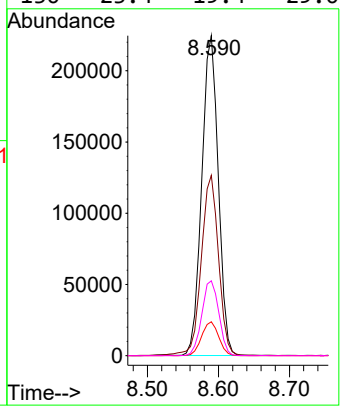




#19
n-Nitroso-di-n-propylamine
Concen: 51.419 ng
RT: 8.590 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 70 Resp: 36315

Ion	Ratio	Lower	Upper
70	100		
42	56.4	43.8	65.6
101	10.6	8.5	12.7
130	23.4	19.4	29.0



Instrument :
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ClientSampleId :
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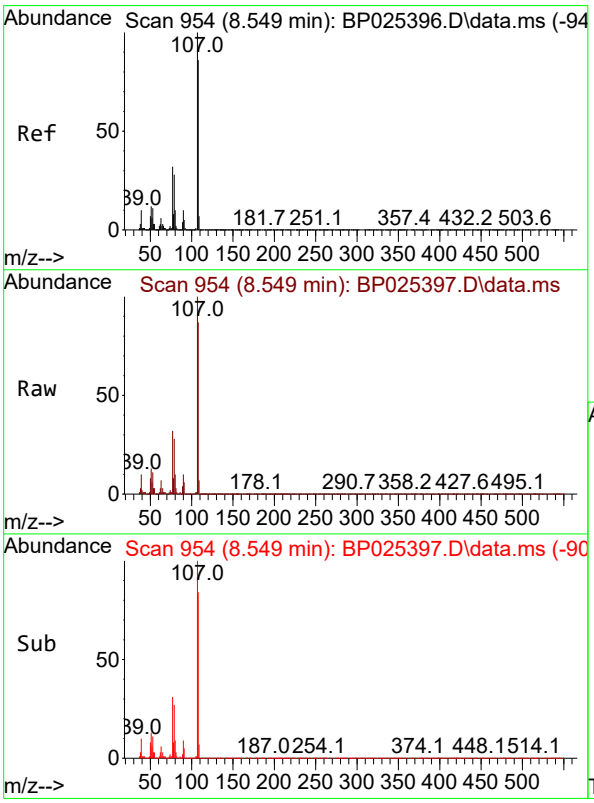
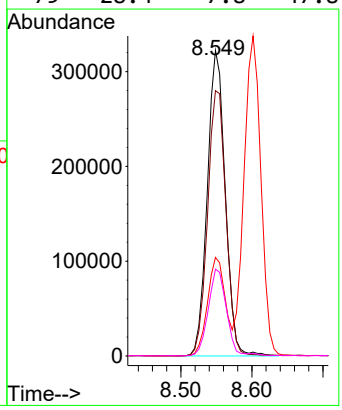
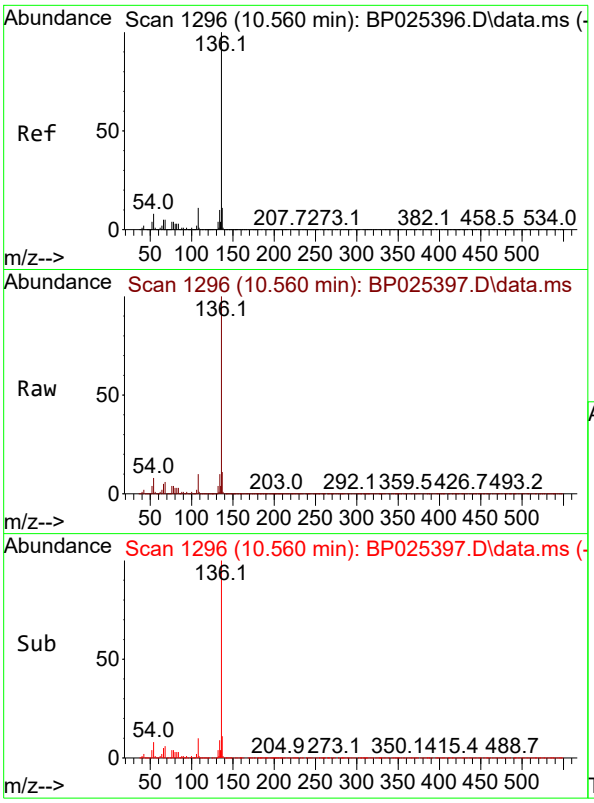


#20
3+4-Methylphenols
Concen: 52.538 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:107 Resp: 565208

Ion	Ratio	Lower	Upper
107	100		
108	86.8	66.3	106.3
77	32.2	12.3	52.3
79	28.4	7.8	47.8

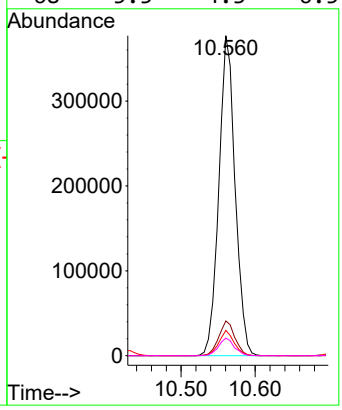




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:136 Resp: 57391

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.9	6.0	9.0
68	5.5	4.3	6.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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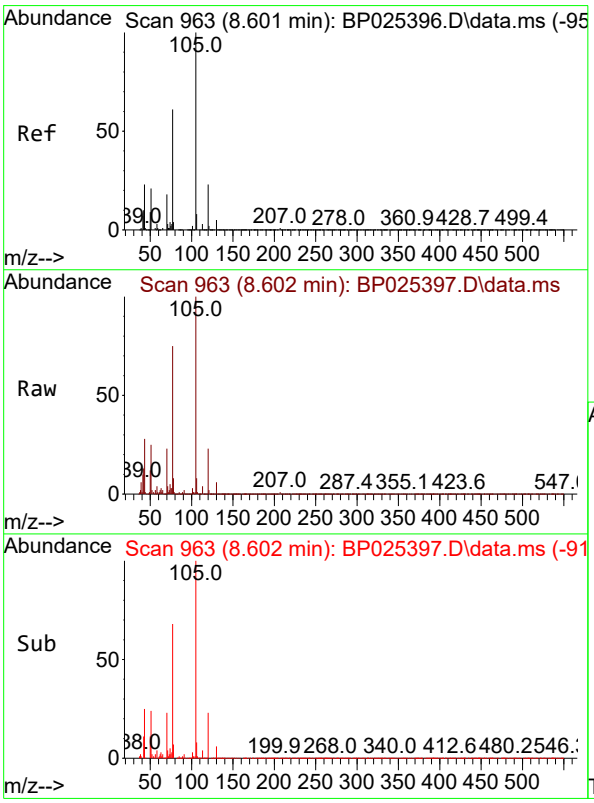
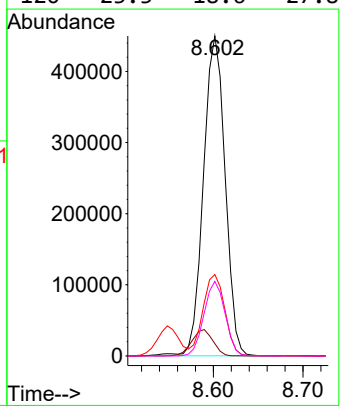
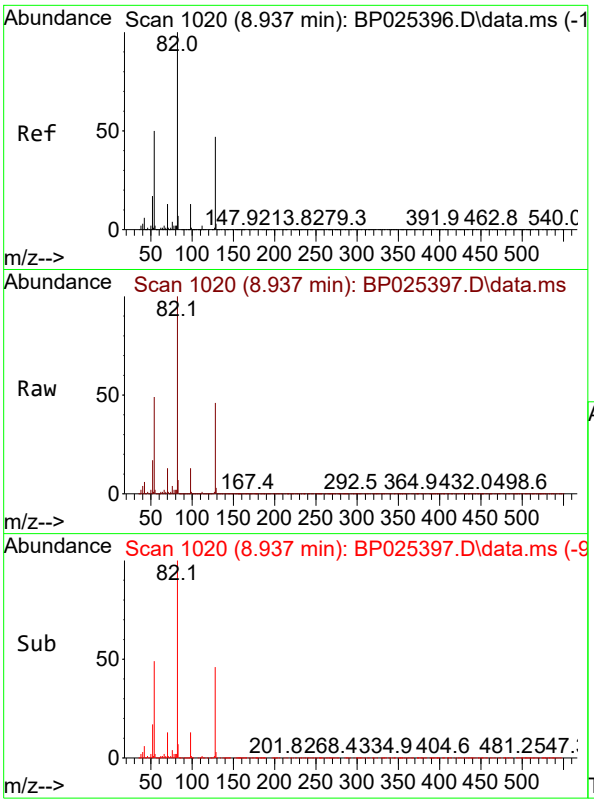


#22
Acetophenone
Concen: 52.131 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

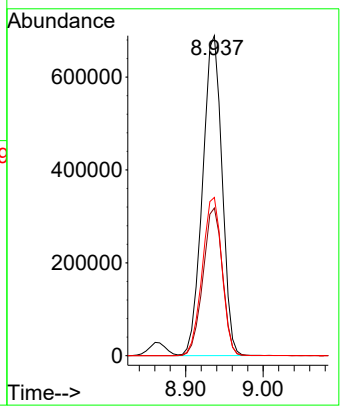




#23
Nitrobenzene-d5
Concen: 105.910 ng
RT: 8.937 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
BNA_P
ClientSampleId :
SSTDICC050

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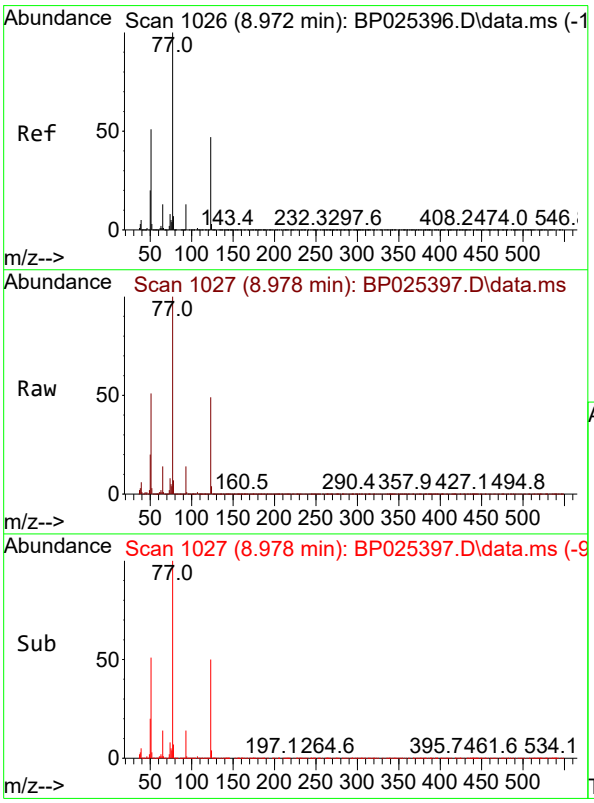
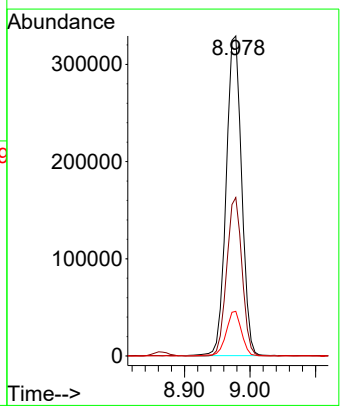
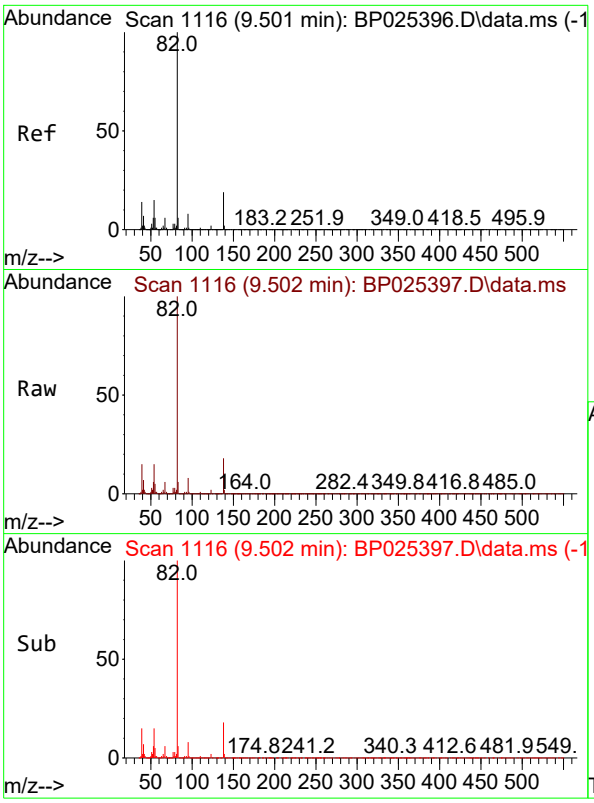


#24
Nitrobenzene
Concen: 53.024 ng
RT: 8.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

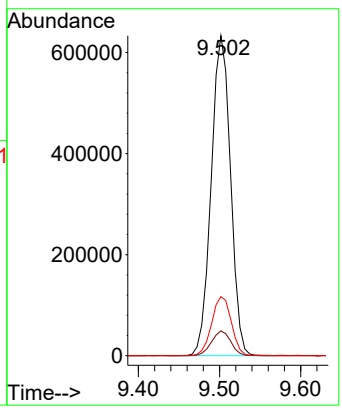




#25
Isophorone
Concen: 52.182 ng
RT: 9.502 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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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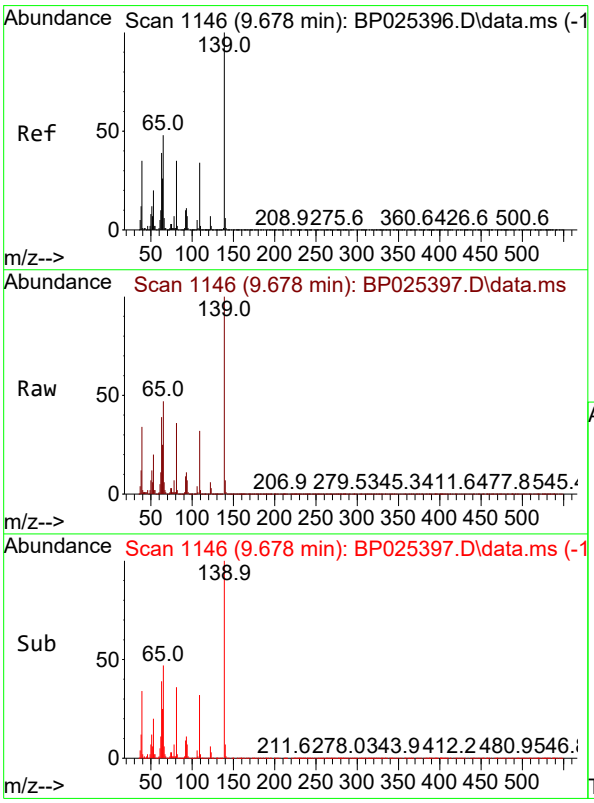
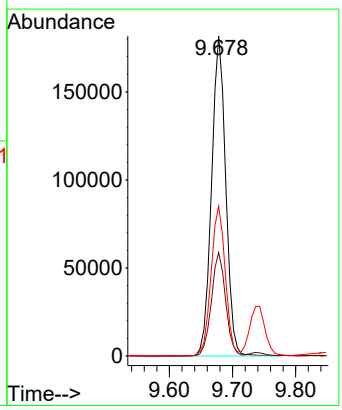
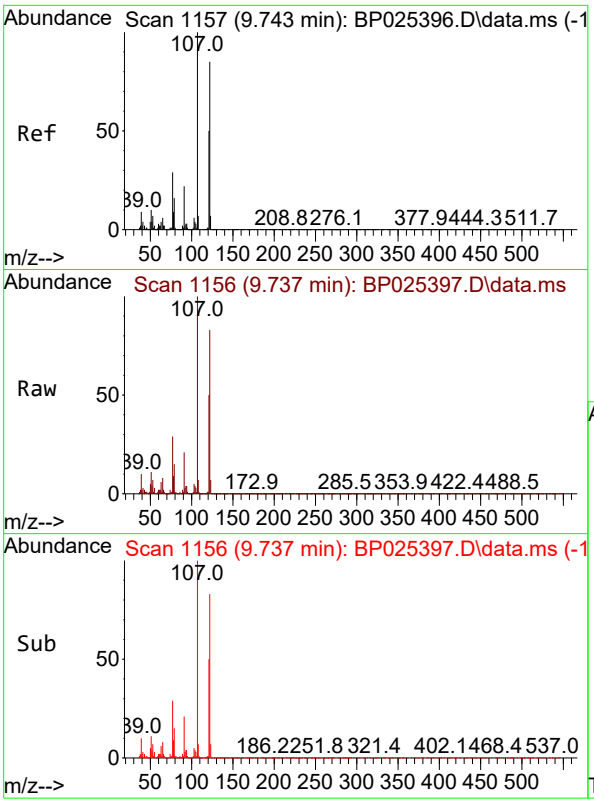


#26
2-Nitrophenol
Concen: 54.323 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

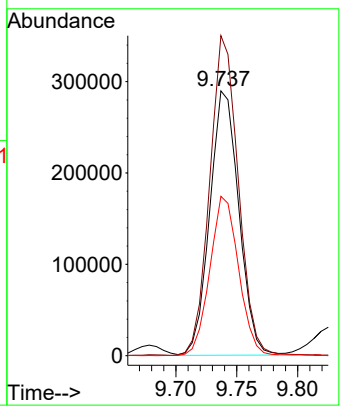




#27
2,4-Dimethylphenol
Concen: 53.806 ng
RT: 9.737 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
SSTDICC050

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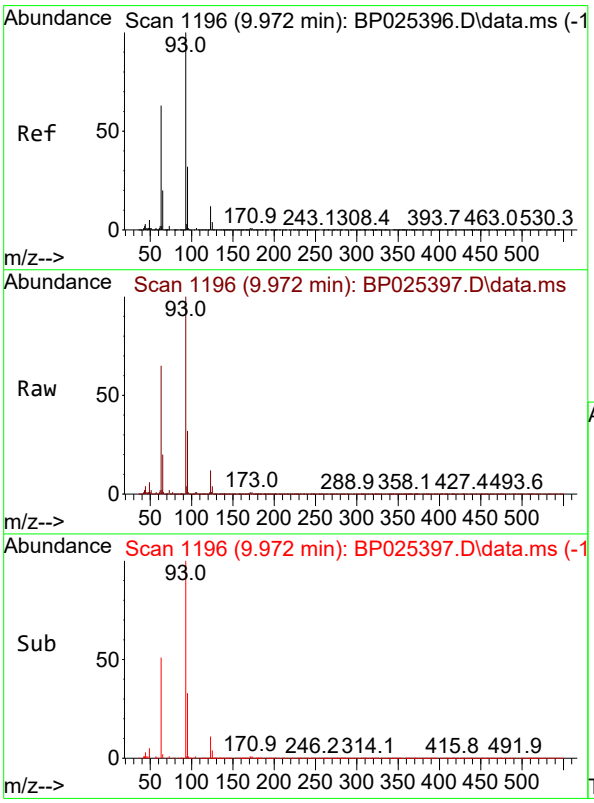
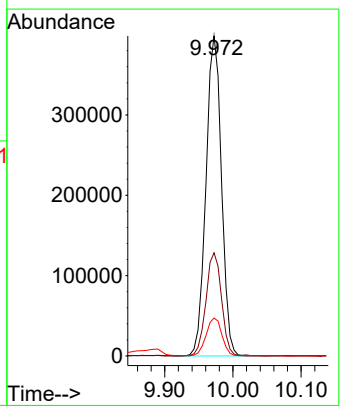
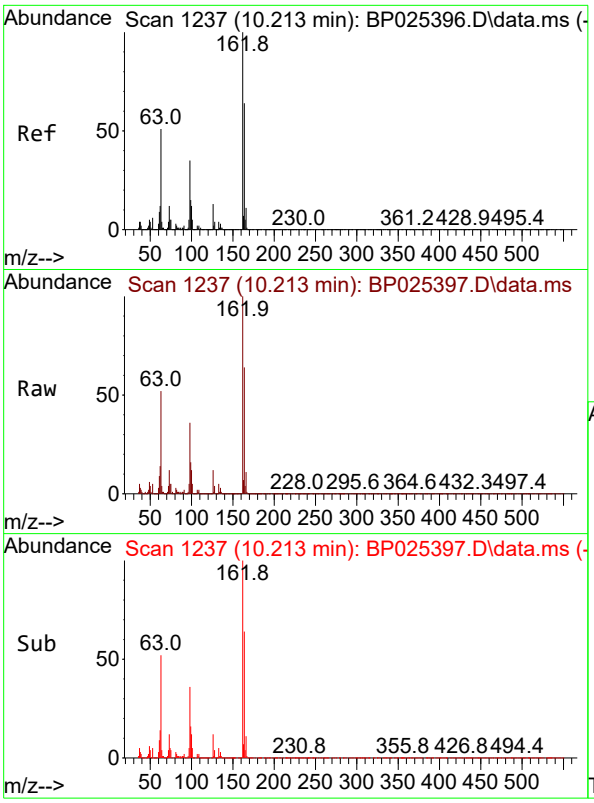


#28
bis(2-Chloroethoxy)methane
Concen: 51.909 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 93 Resp: 630027

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.4	38.0
123	11.8	9.4	14.0

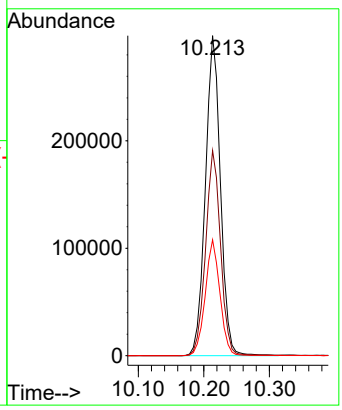




#29
2,4-Dichlorophenol
Concen: 53.478 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:162 Resp: 47540

Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.4	84.4
98	36.2	14.9	54.9



Instrument :
BNA_P
ClientSampleId :
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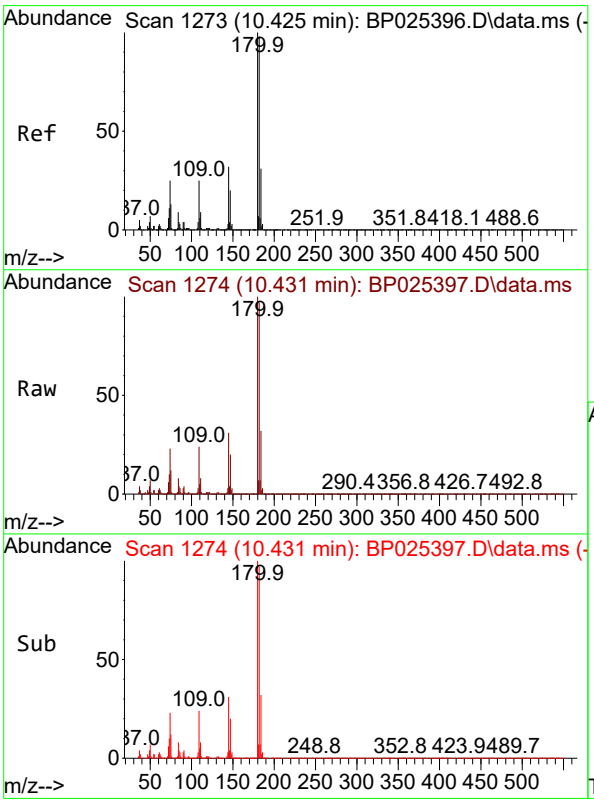
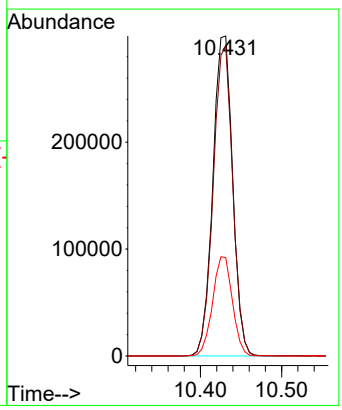
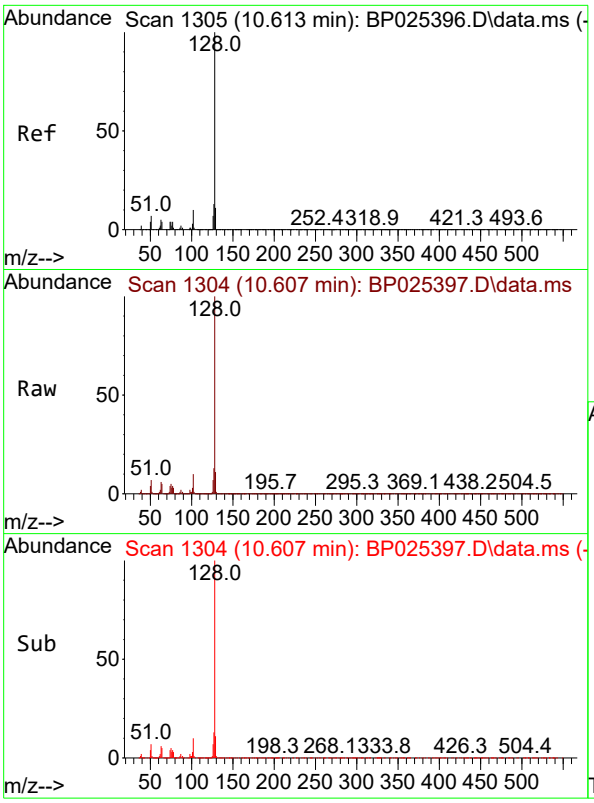


#30
1,2,4-Trichlorobenzene
Concen: 52.101 ng
RT: 10.431 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

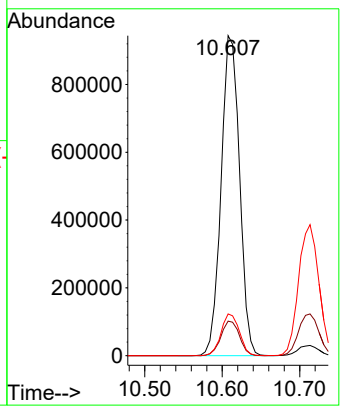




#31
Naphthalene
Concen: 52.305 ng
RT: 10.607 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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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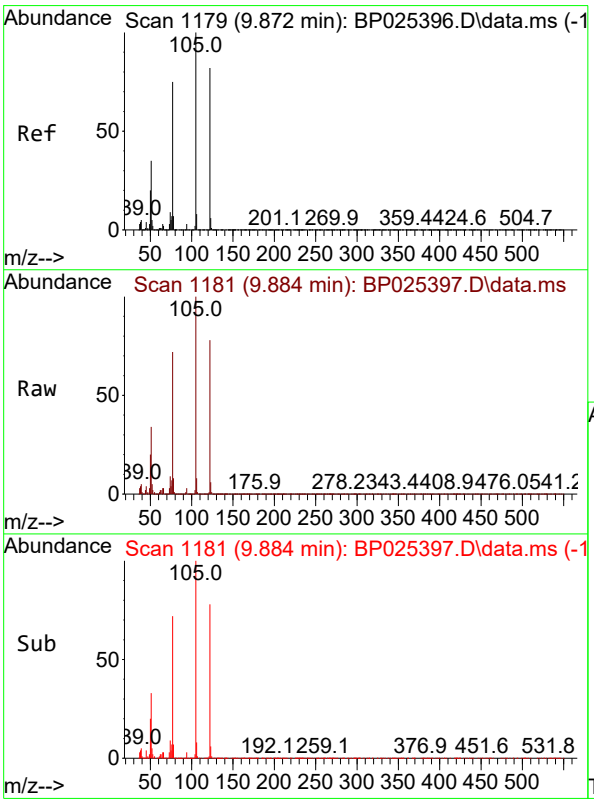
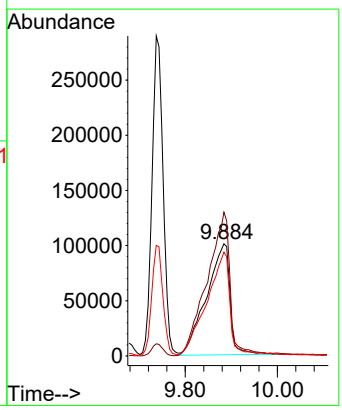
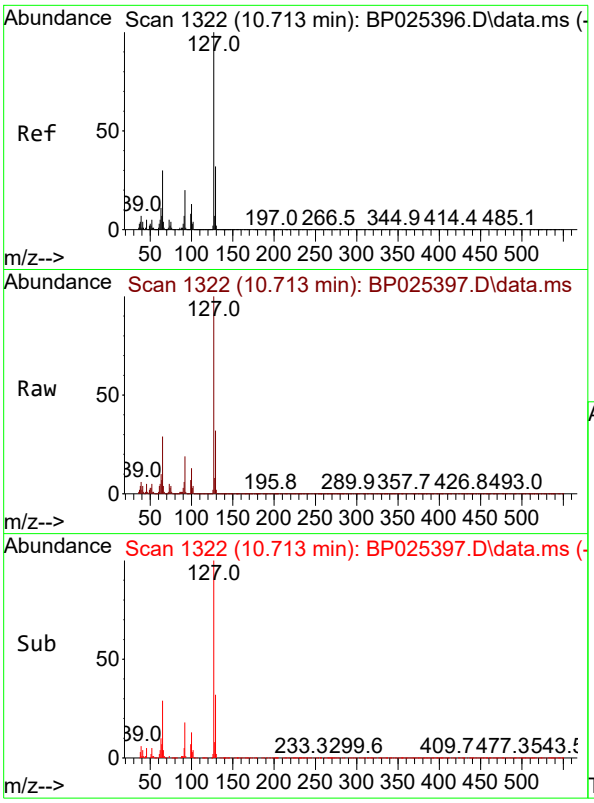


#32
Benzoic acid
Concen: 54.274 ng
RT: 9.884 min Scan# 1181
Delta R.T. 0.012 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

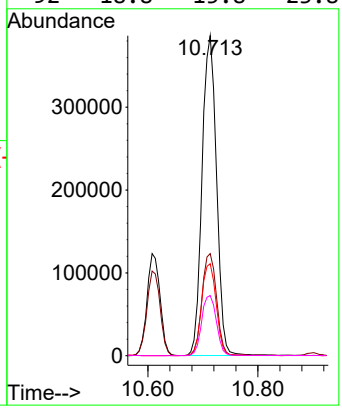




#33
4-Chloroaniline
Concen: 53.548 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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



Instrument :
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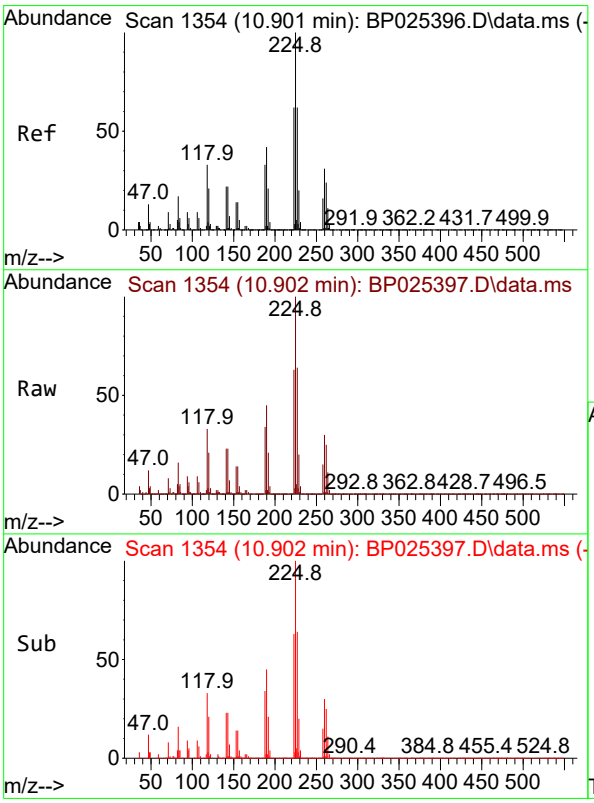
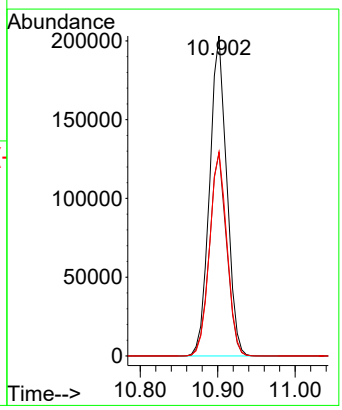
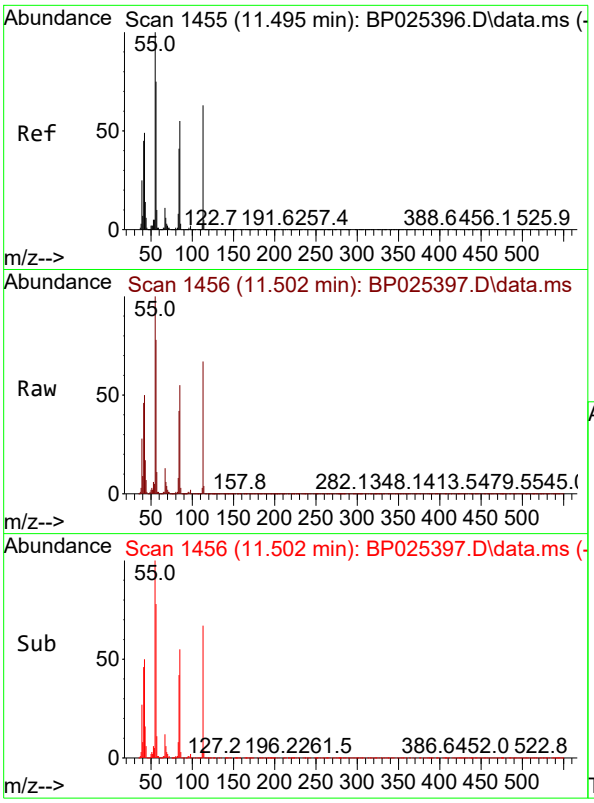


#34
Hexachlorobutadiene
Concen: 51.436 ng
RT: 10.902 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
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Tgt Ion:113 Resp: 17266

Ion	Ratio	Lower	Upper
113	100		
55	149.6	140.0	180.0
56	116.0	100.0	140.0

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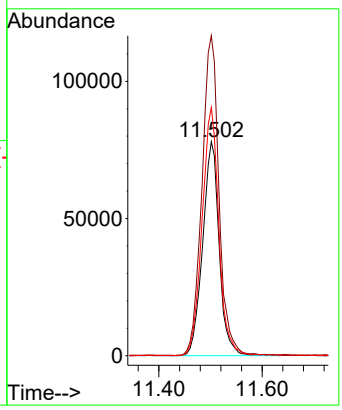
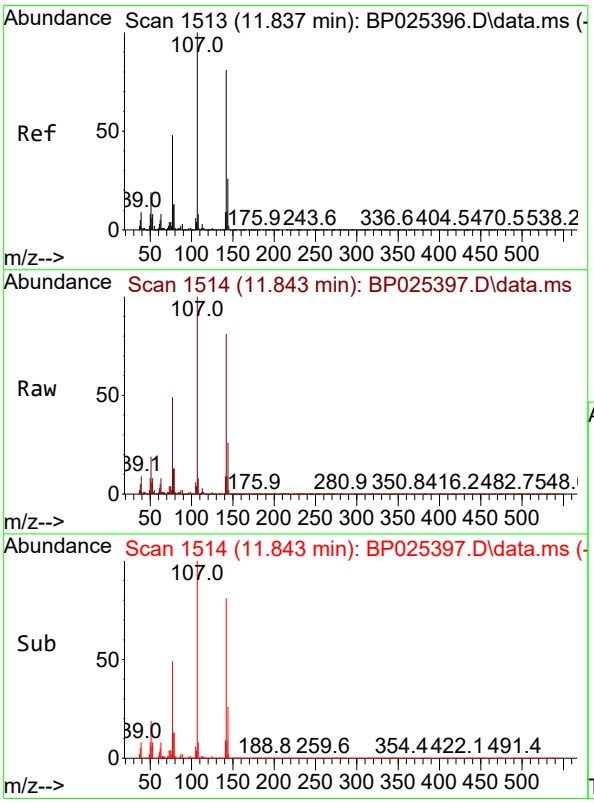
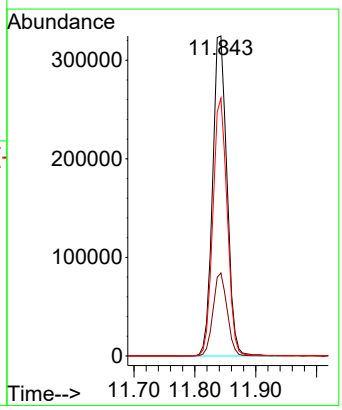


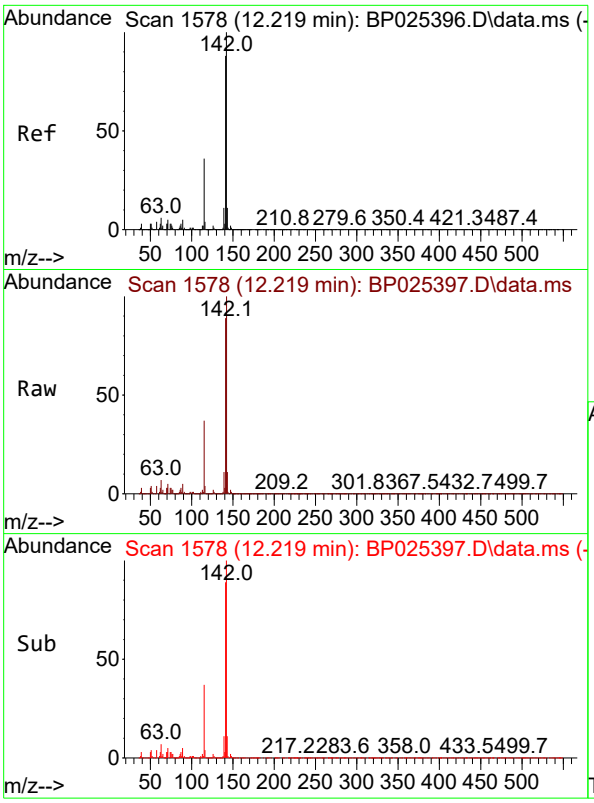


#36
4-Chloro-3-methylphenol
Concen: 52.407 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:107 Resp: 534583

Ion	Ratio	Lower	Upper
107	100		
144	26.0	21.0	31.4
142	80.6	64.6	97.0

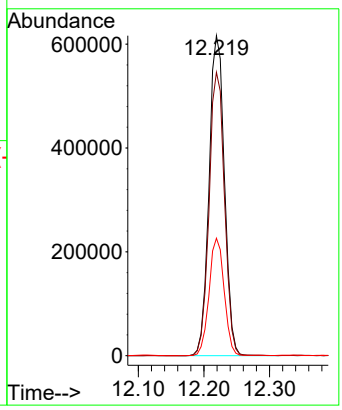




#37
2-Methylnaphthalene
Concen: 51.710 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:142 Resp: 100381

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.3	105.5
115	36.7	28.9	43.3



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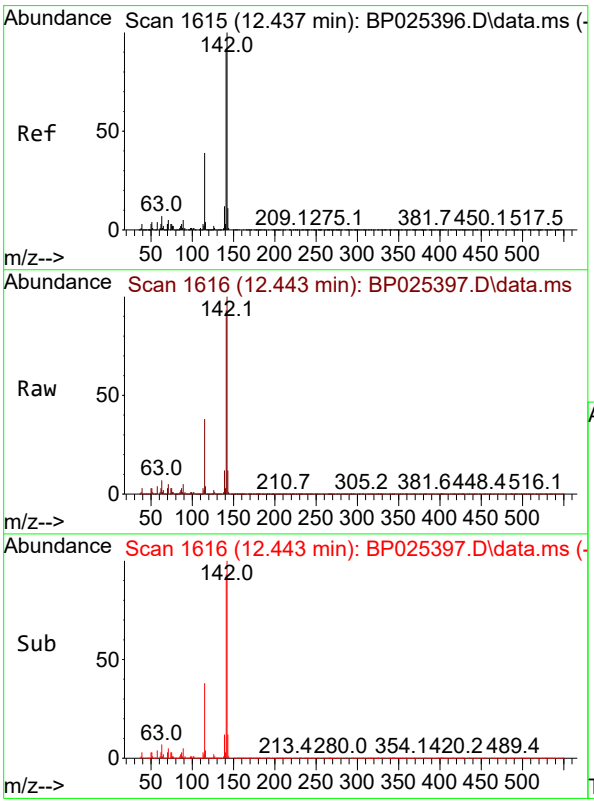
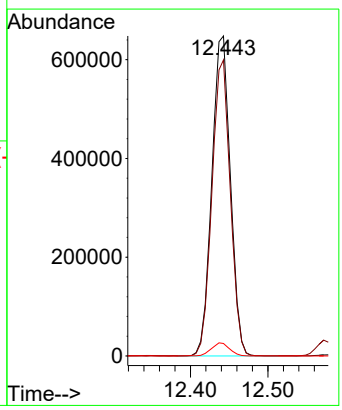
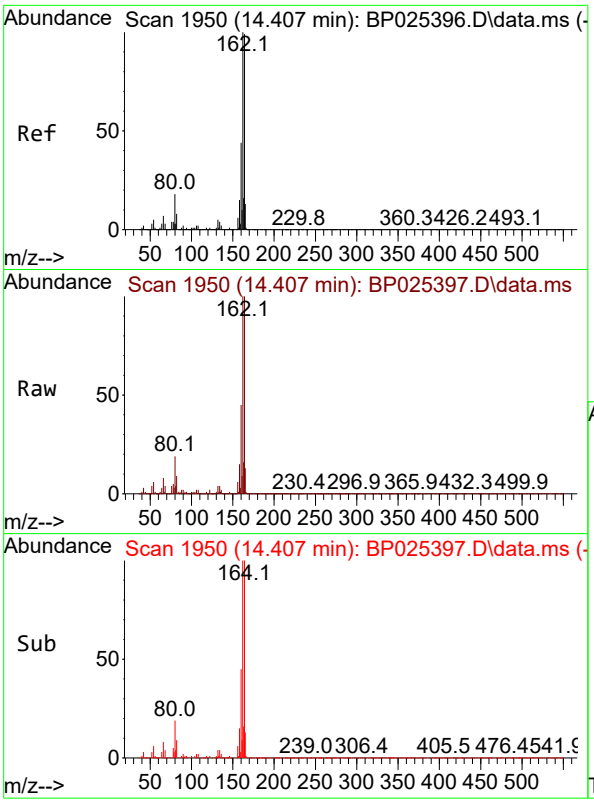


#38
1-Methylnaphthalene
Concen: 52.167 ng
RT: 12.443 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

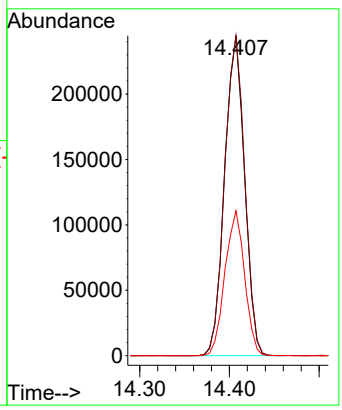




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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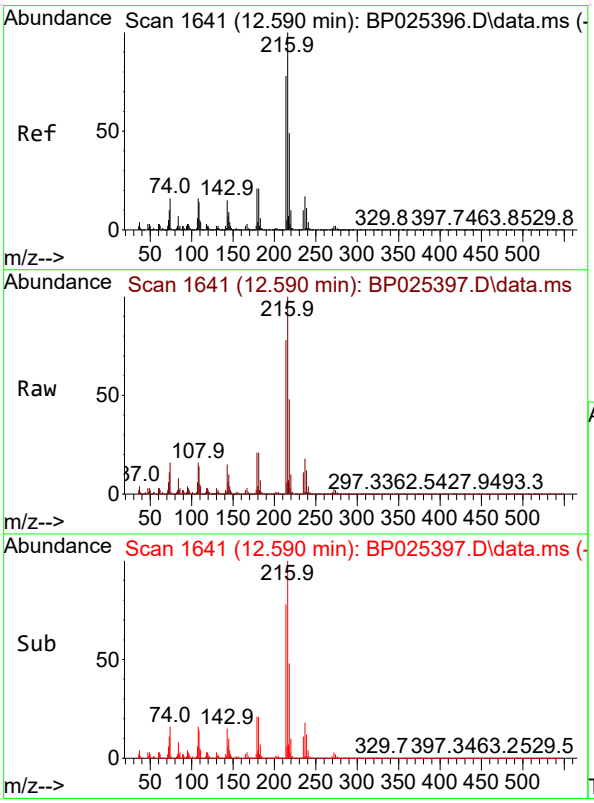
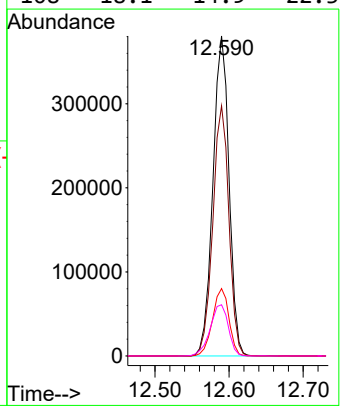
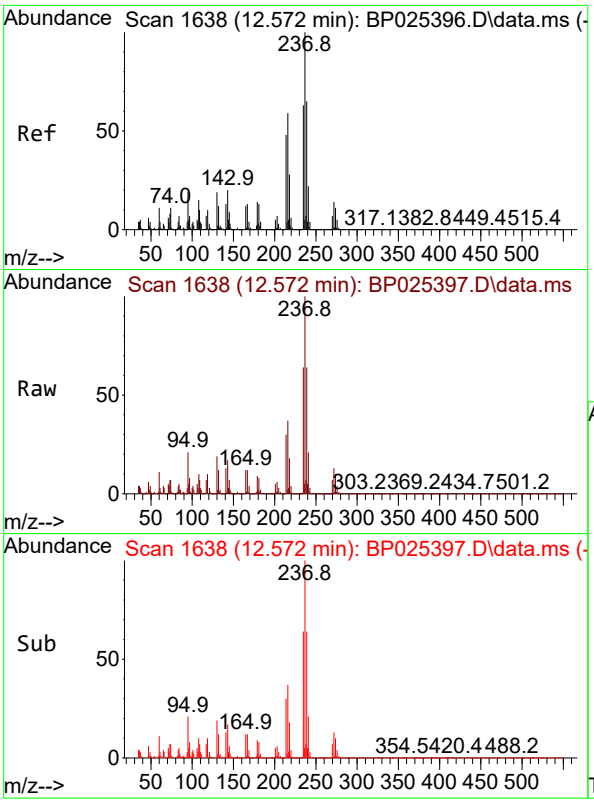


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.769 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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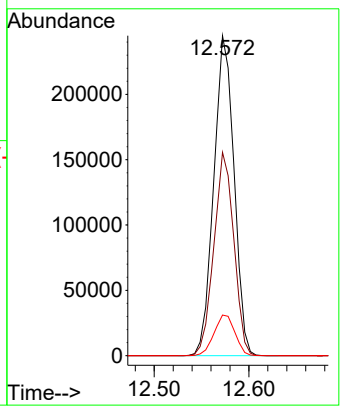
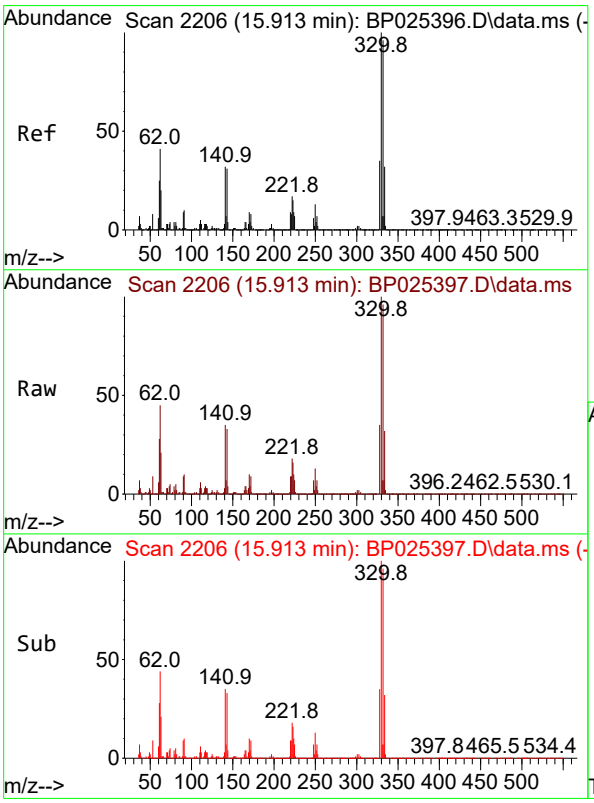
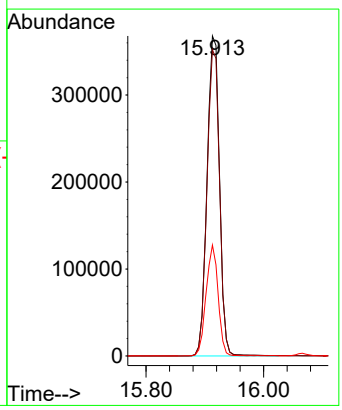


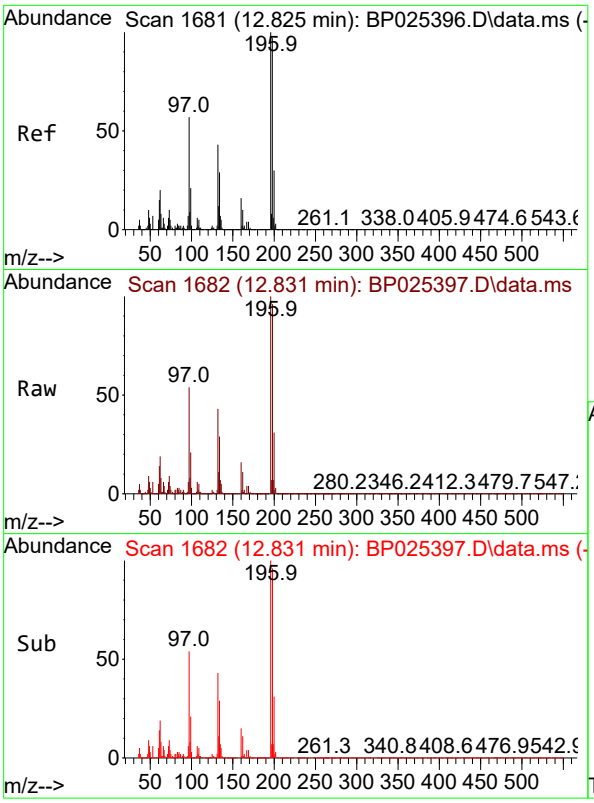


#42
2,4,6-Tribromophenol
Concen: 106.352 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

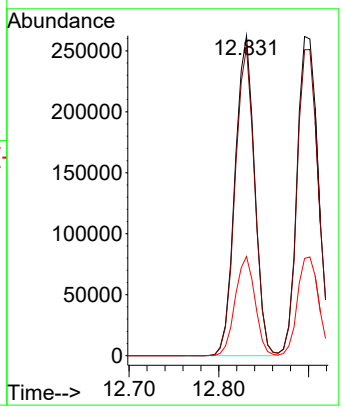




#43
2,4,6-Trichlorophenol
Concen: 53.971 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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



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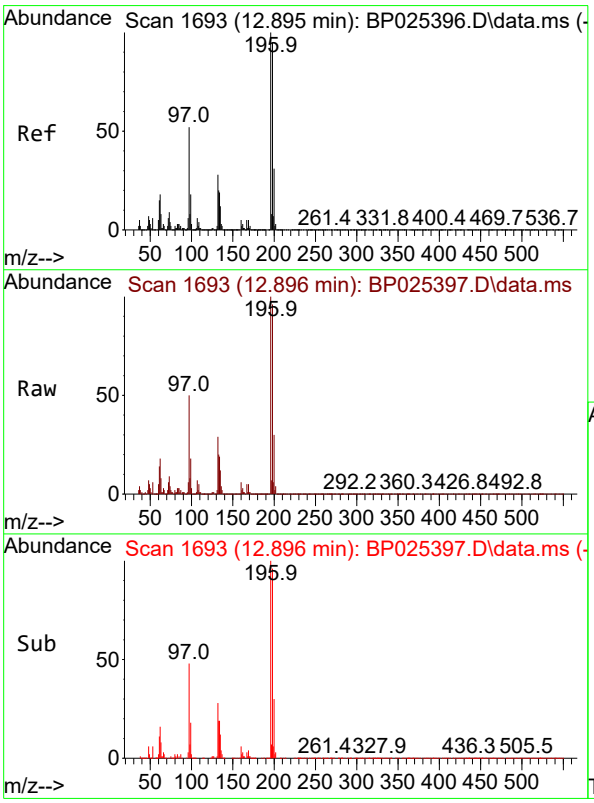
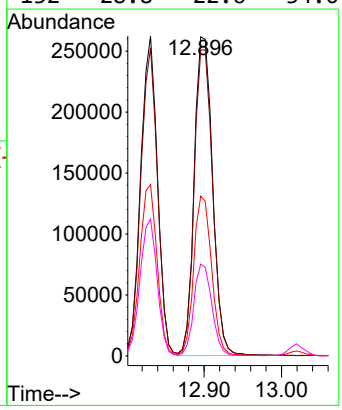
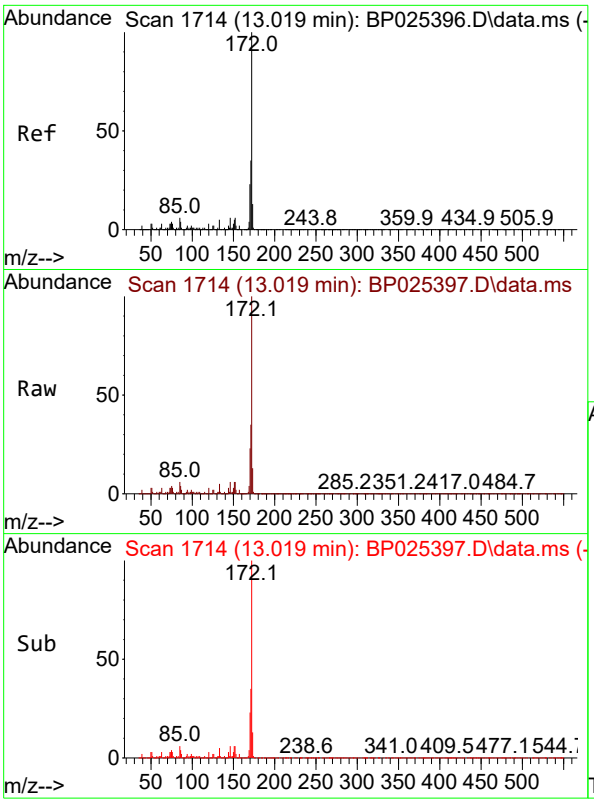


#44
2,4,5-Trichlorophenol
Concen: 53.421 ng
RT: 12.896 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

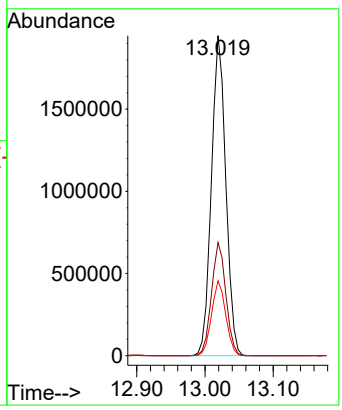




#45
2-Fluorobiphenyl
Concen: 103.632 ng
RT: 13.019 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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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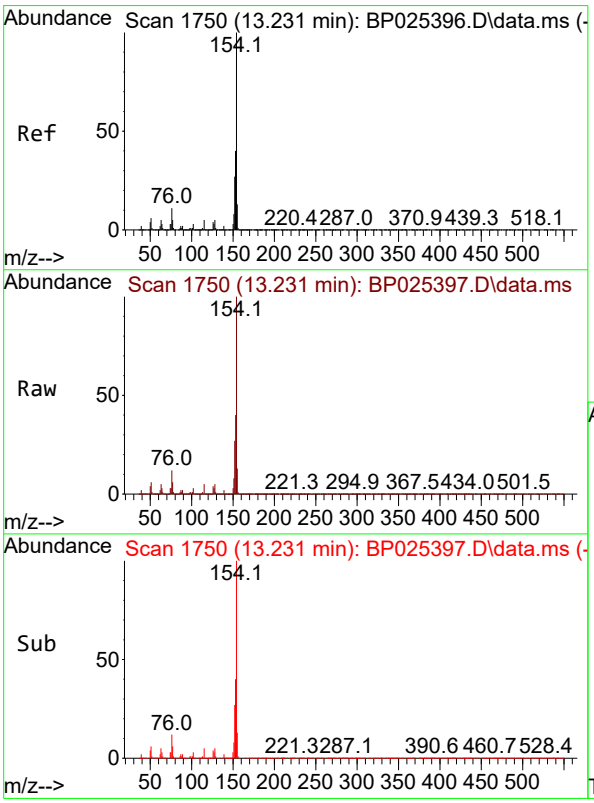
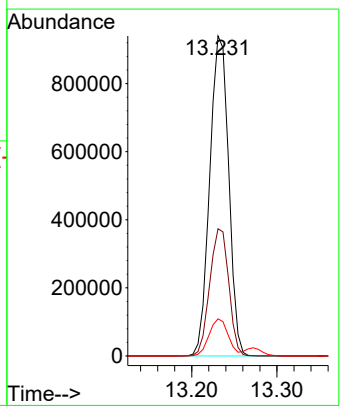
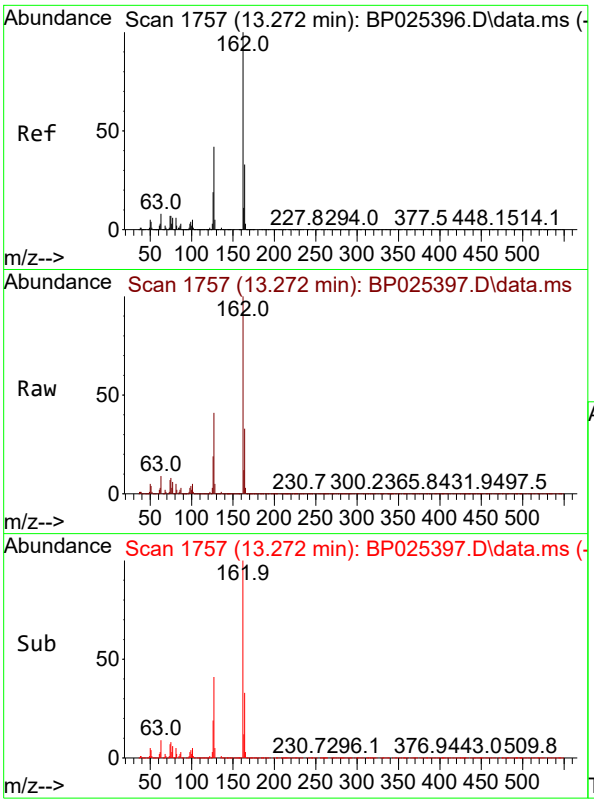


#46
1,1'-Biphenyl
Concen: 52.922 ng
RT: 13.231 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

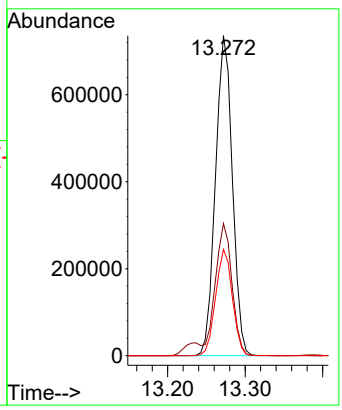




#47
2-Chloronaphthalene
Concen: 52.344 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
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ClientSampleId :
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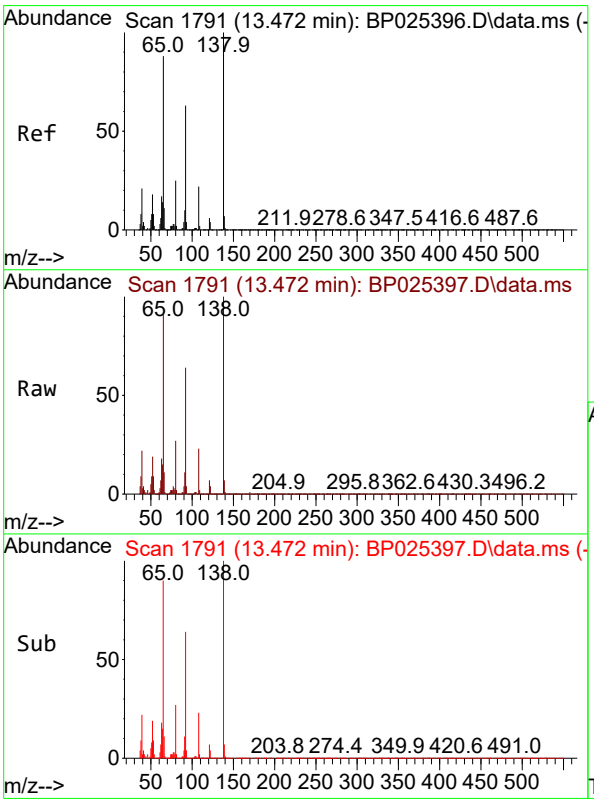
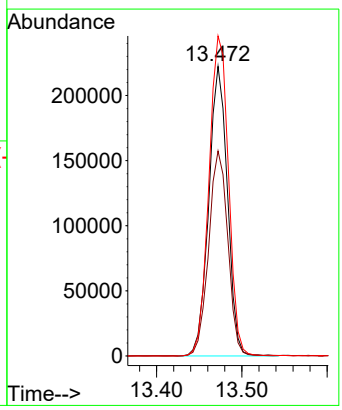
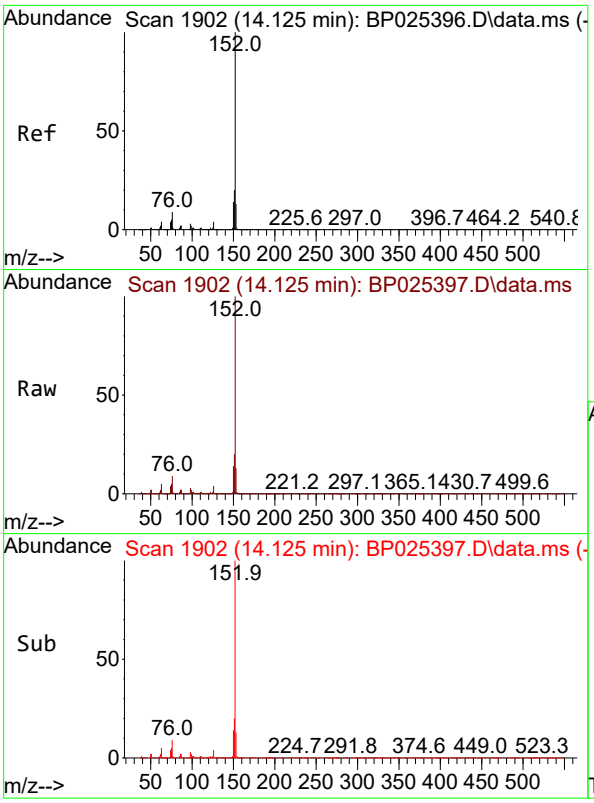


#48
2-Nitroaniline
Concen: 54.613 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 65 Resp: 338939

Ion	Ratio	Lower	Upper
65	100		
92	70.7	57.6	86.4
138	110.5	91.0	136.6

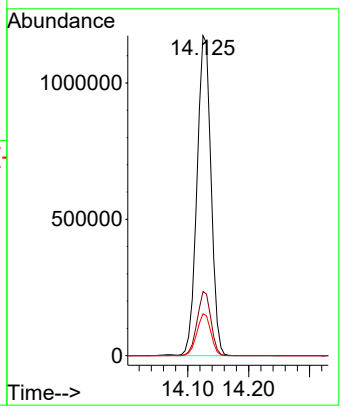




#49
Acenaphthylene
Concen: 53.227 ng
RT: 14.125 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:152 Resp: 187599

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	13.1	10.6	15.8



Instrument :
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ClientSampleId :
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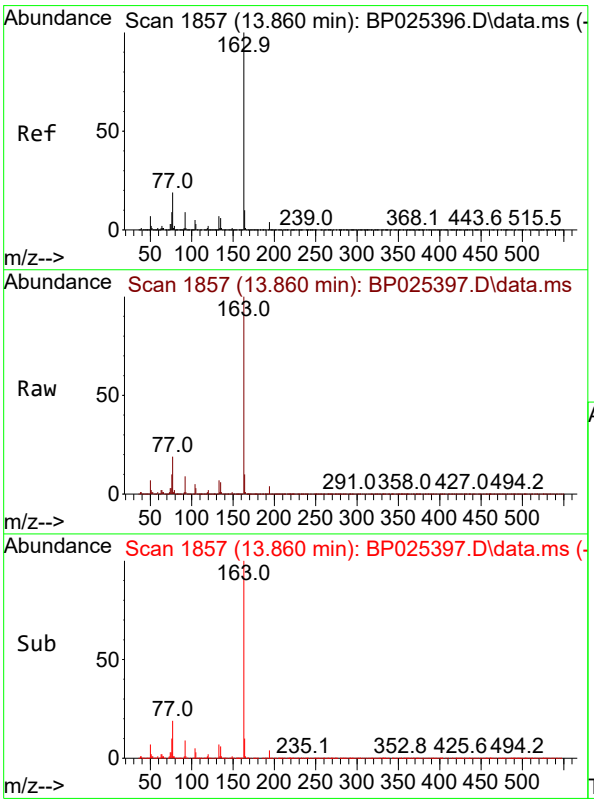
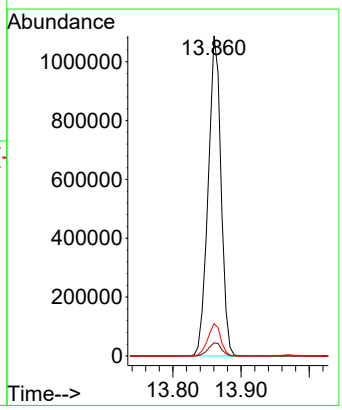
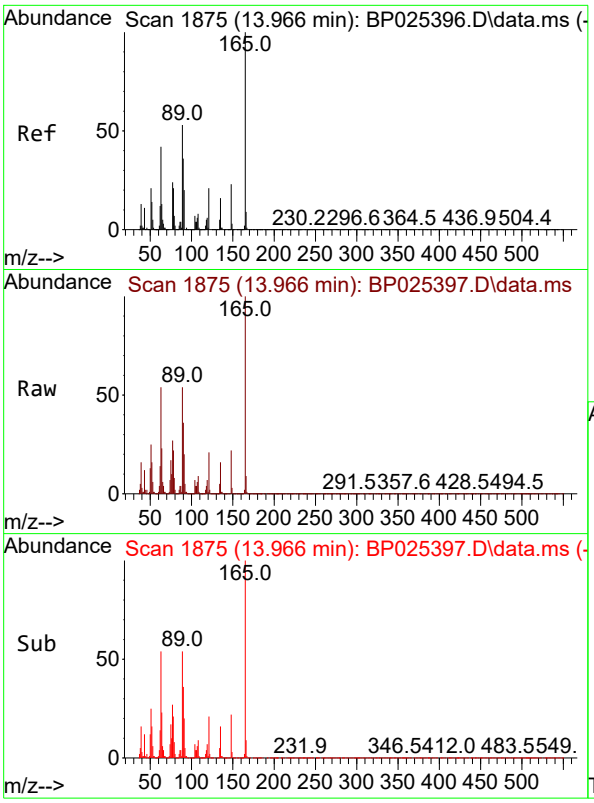


#50
Dimethylphthalate
Concen: 51.622 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:163 Resp: 1424127

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.1	7.9	11.9

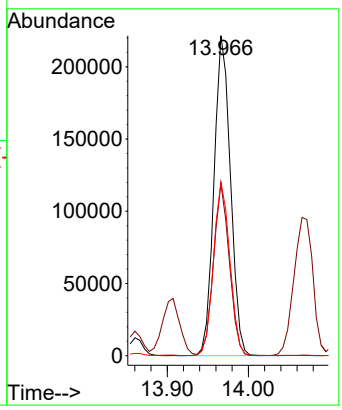




#51
2,6-Dinitrotoluene
Concen: 53.683 ng
RT: 13.966 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:165 Resp: 31214

Ion	Ratio	Lower	Upper
165	100		
63	53.8	40.9	61.3
89	54.2	42.1	63.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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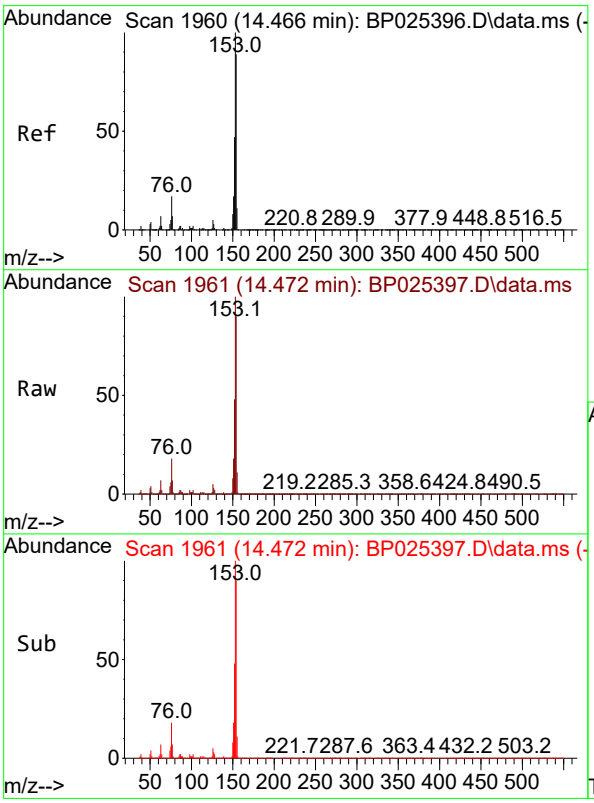
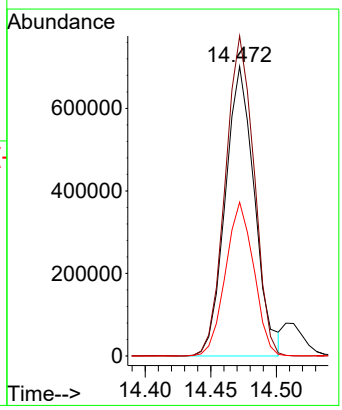
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

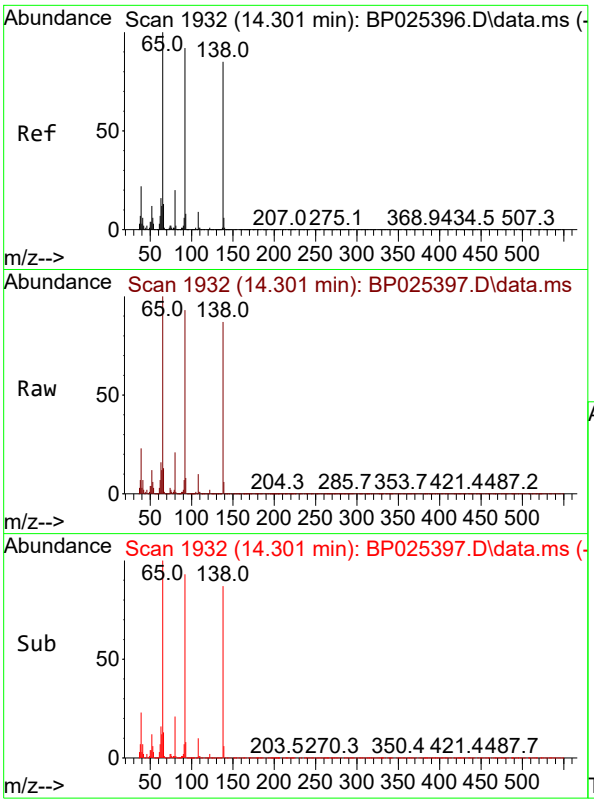


#52
Acenaphthene
Concen: 52.577 ng
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
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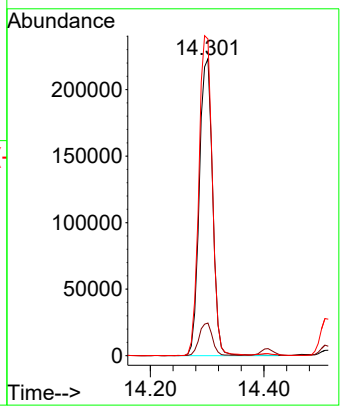
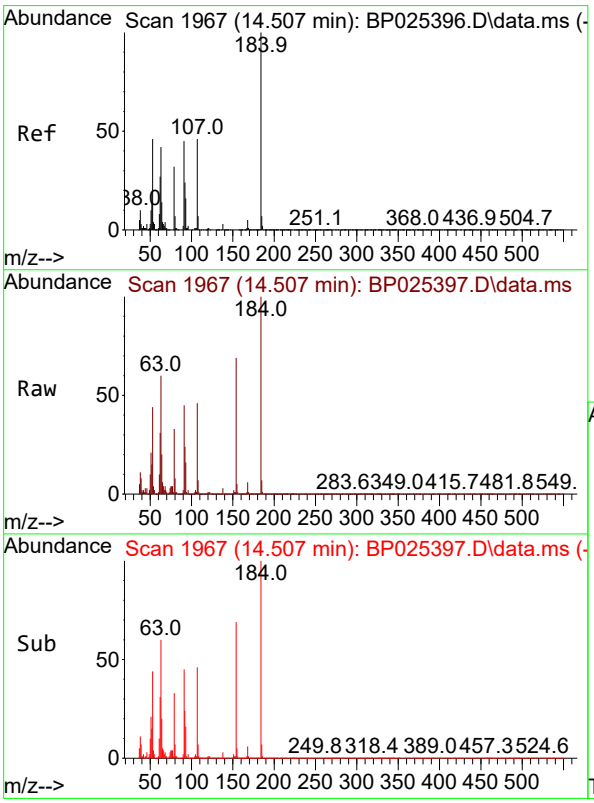
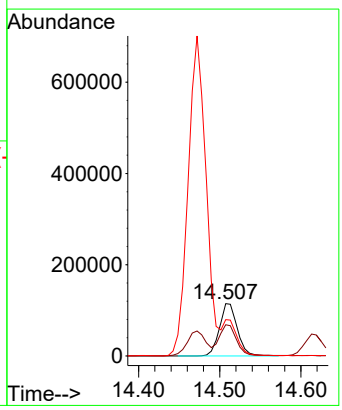


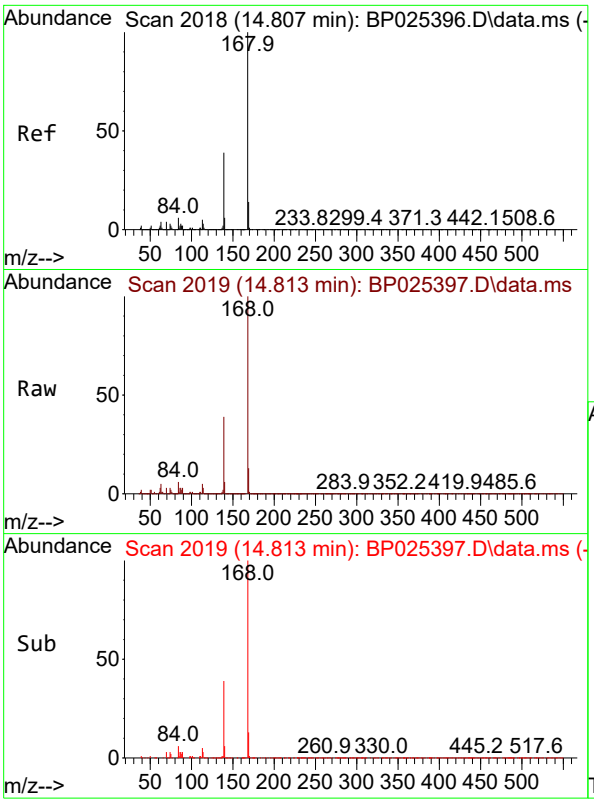


#54
2,4-Dinitrophenol
Concen: 56.503 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

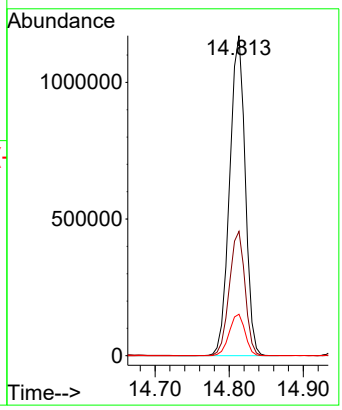




#55
Dibenzofuran
Concen: 52.147 ng
RT: 14.813 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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



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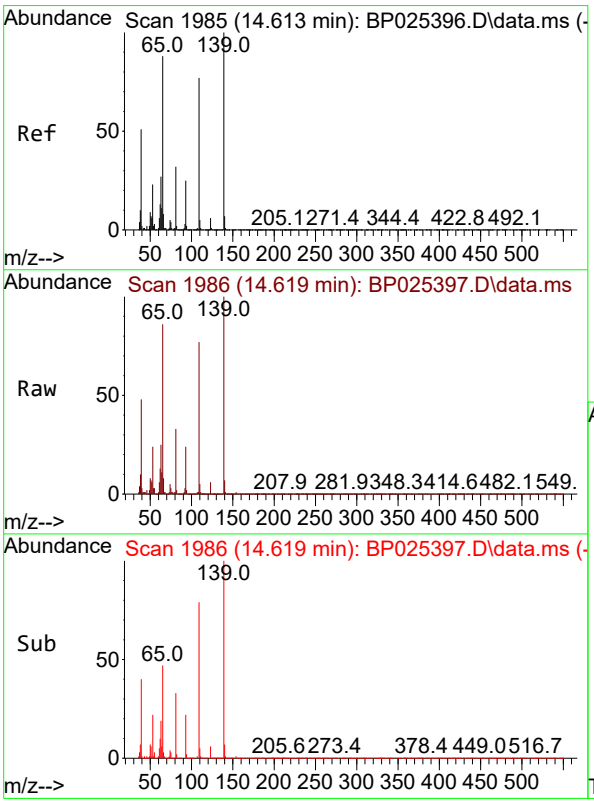
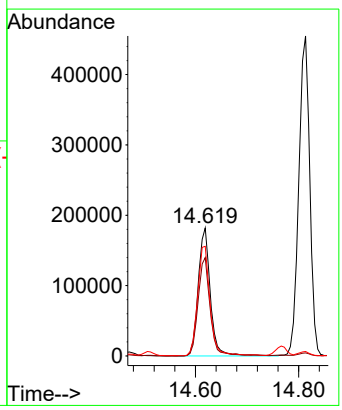
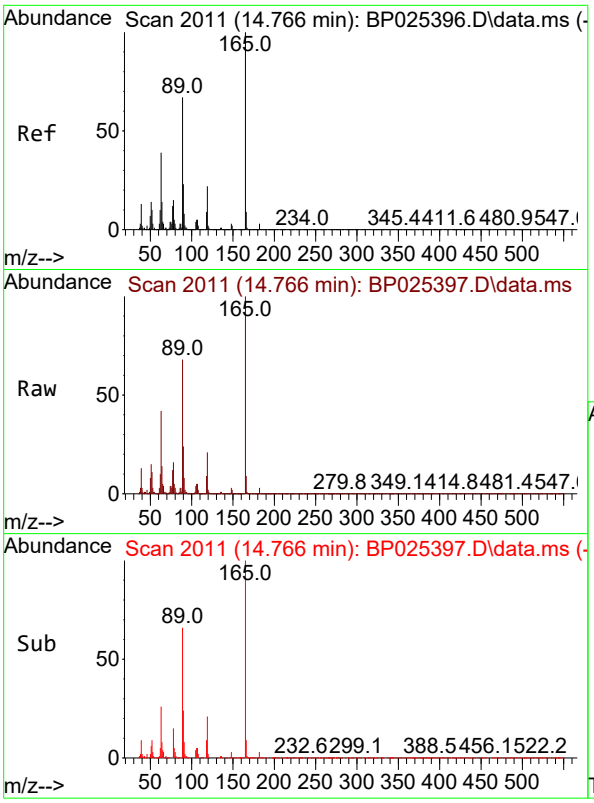


#56
4-Nitrophenol
Concen: 55.103 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

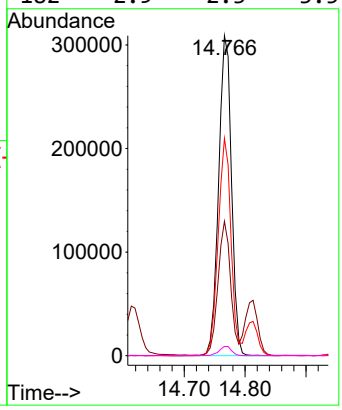




#57
2,4-Dinitrotoluene
Concen: 54.354 ng
RT: 14.766 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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



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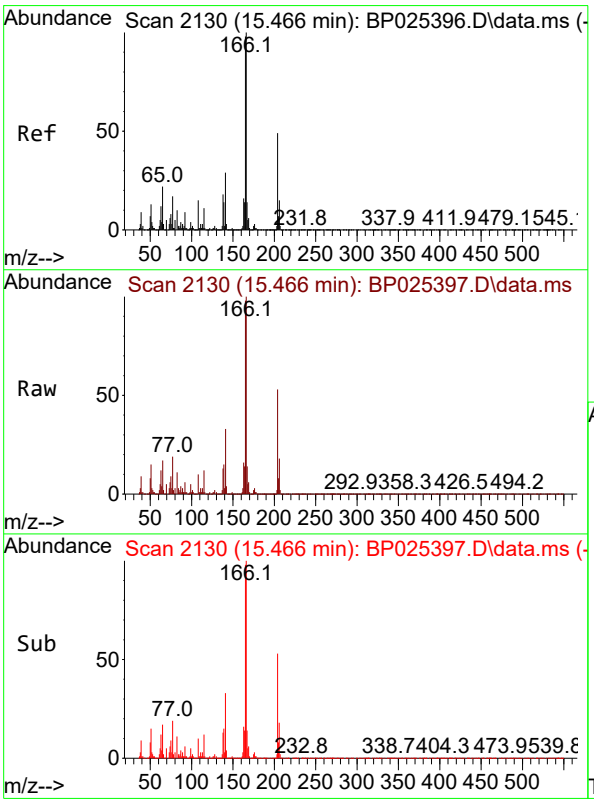
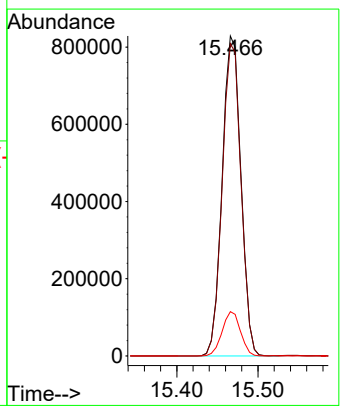
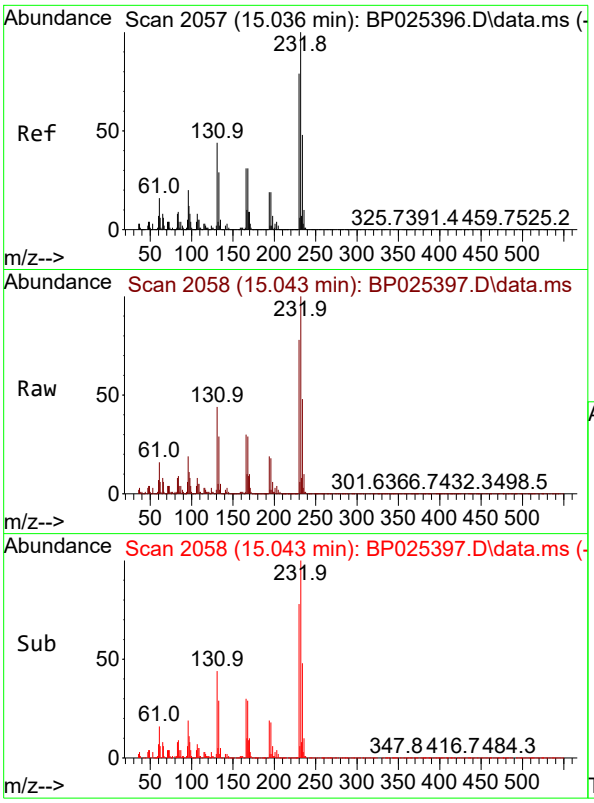


#58
Fluorene
Concen: 51.627 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

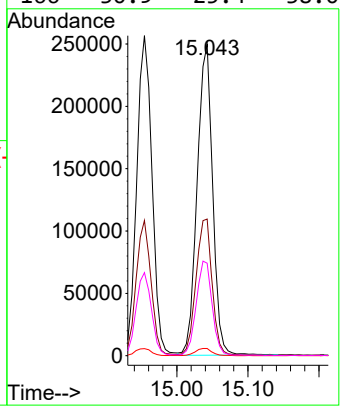




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.281 ng
RT: 15.043 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
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ClientSampleId :
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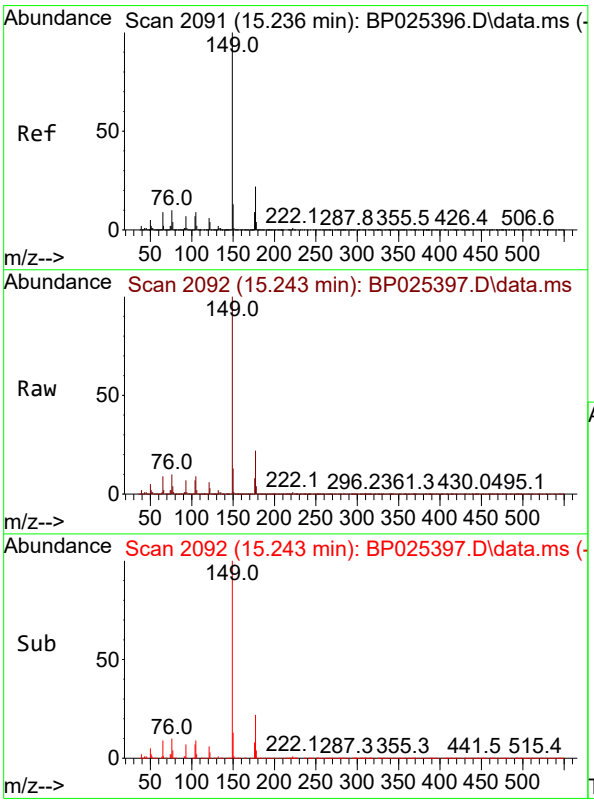
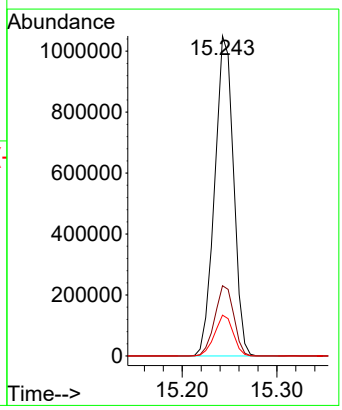
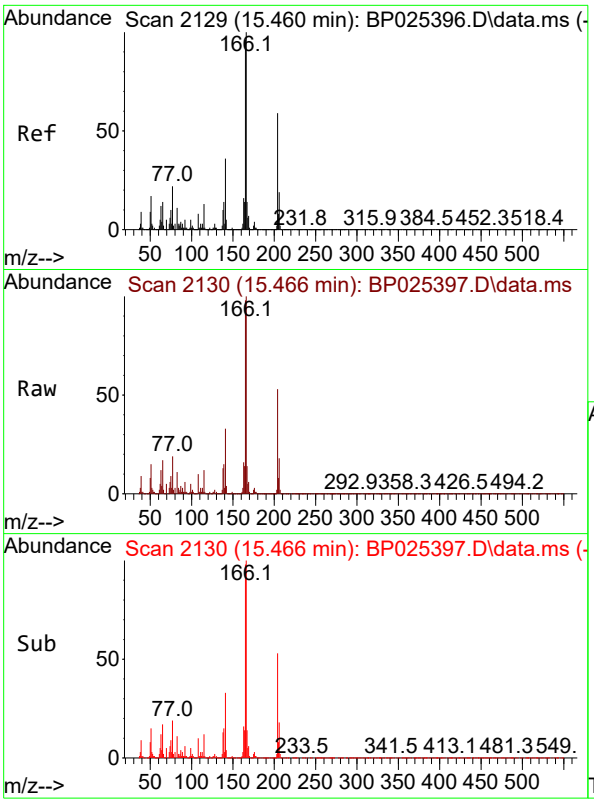


#60
Diethylphthalate
Concen: 51.728 ng
RT: 15.243 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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# 2
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 :
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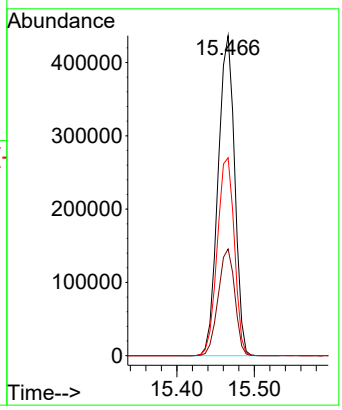
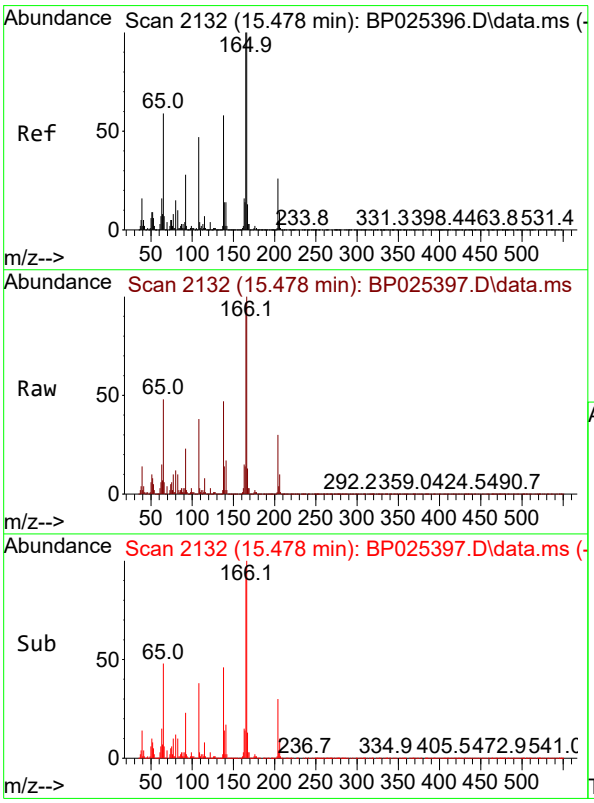
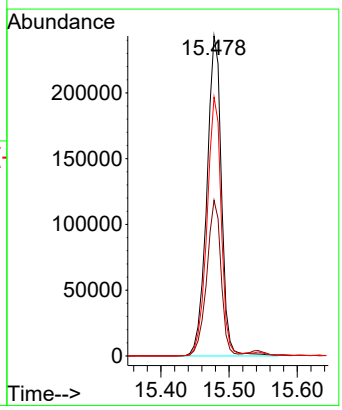


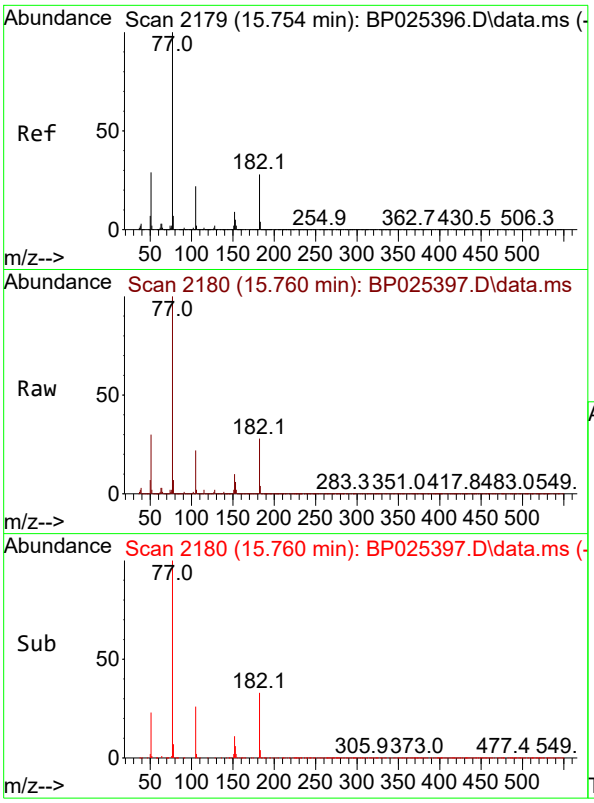


#62
4-Nitroaniline
Concen: 54.278 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

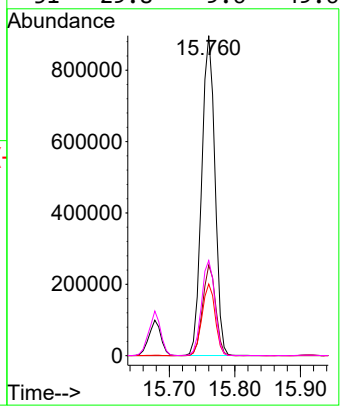




#63
Azobenzene
Concen: 52.602 ng
RT: 15.760 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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



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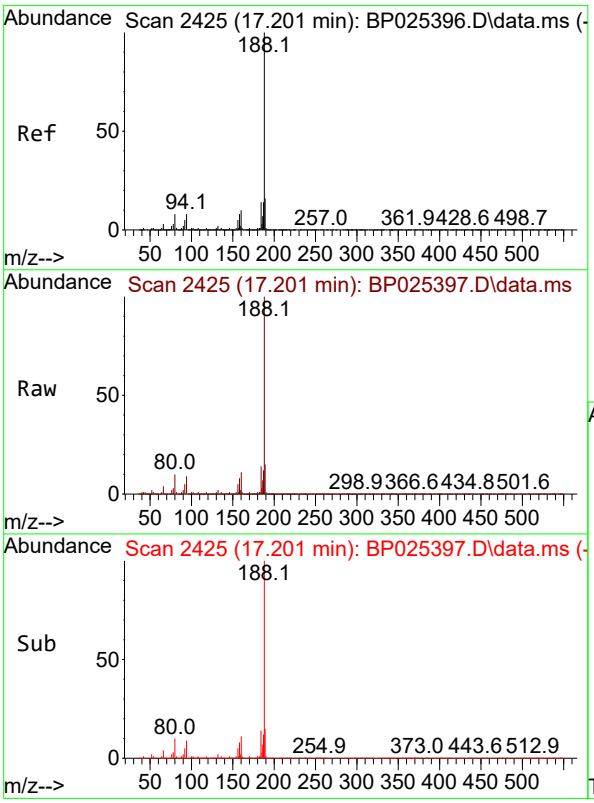
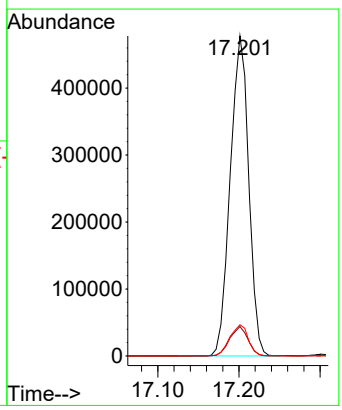
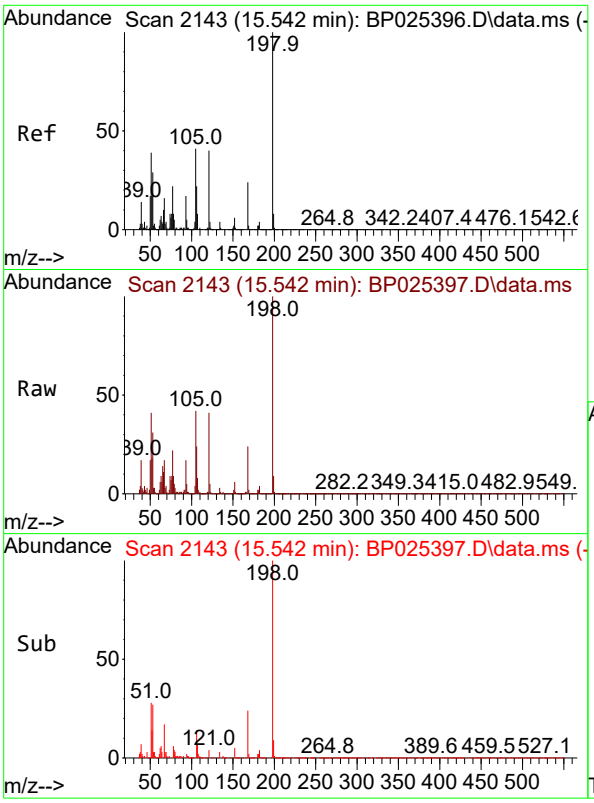


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

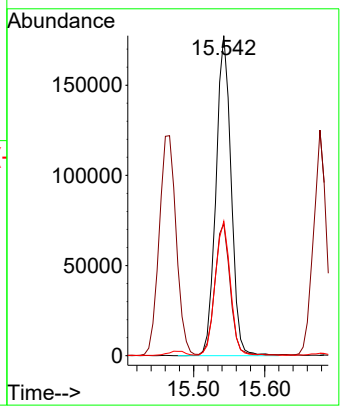




#65
4,6-Dinitro-2-methylphenol
Concen: 55.792 ng
RT: 15.542 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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



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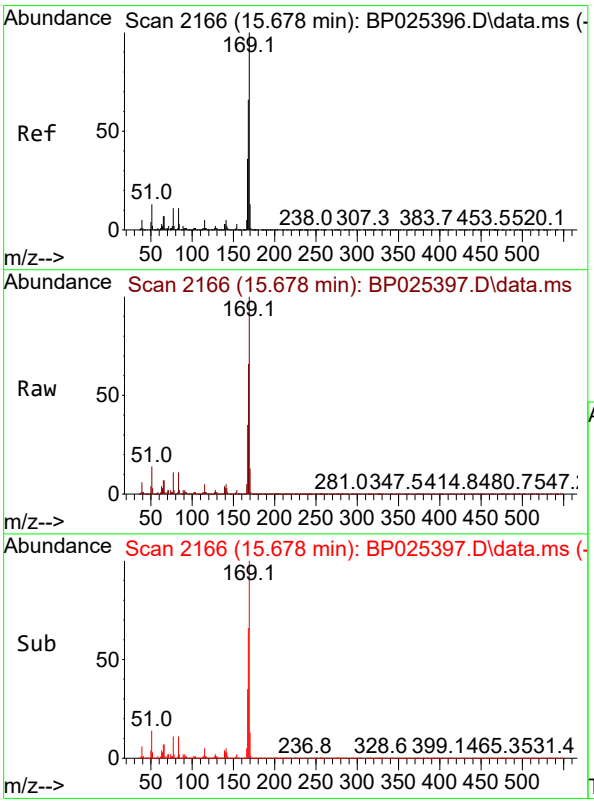
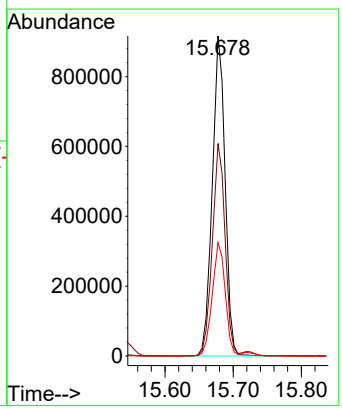
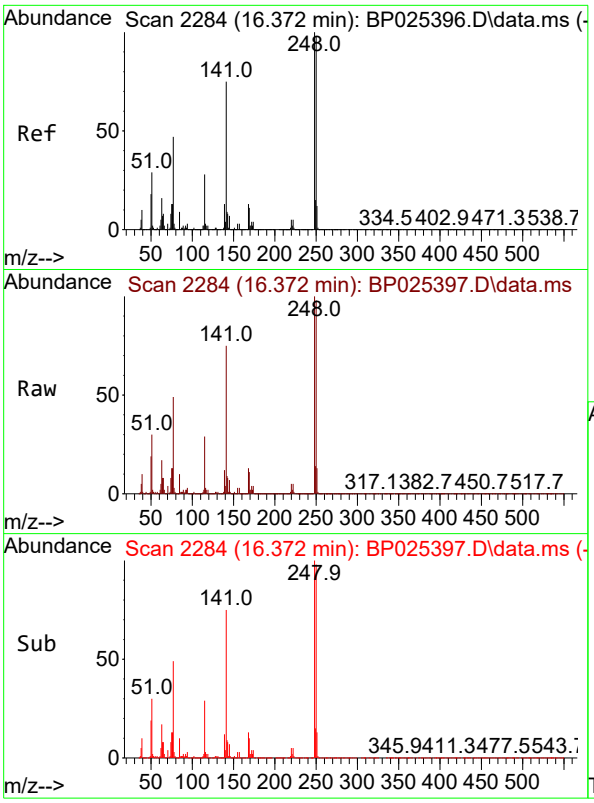


#66
n-Nitrosodiphenylamine
Concen: 51.997 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
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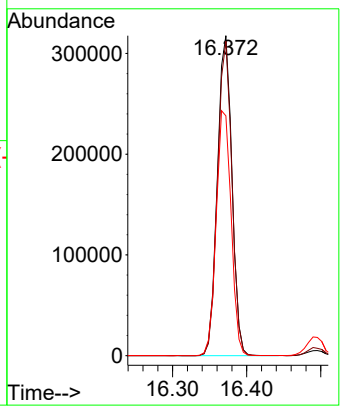
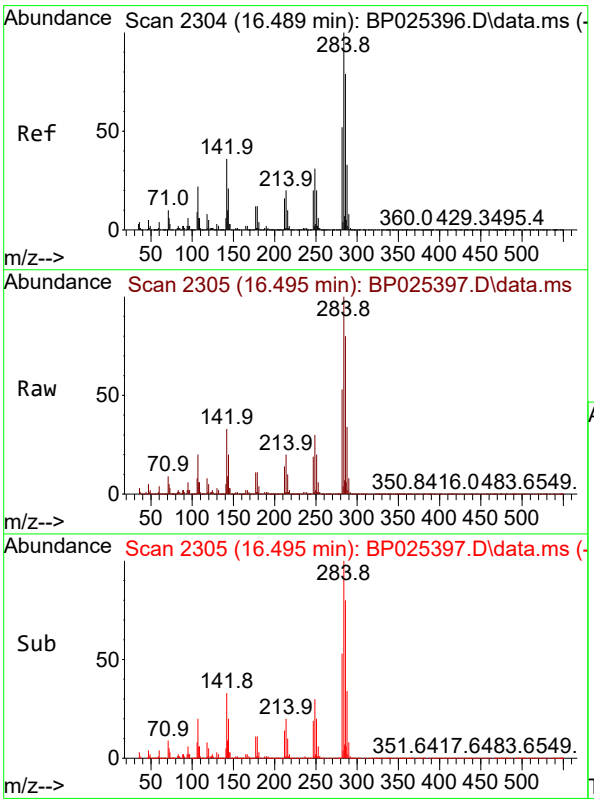
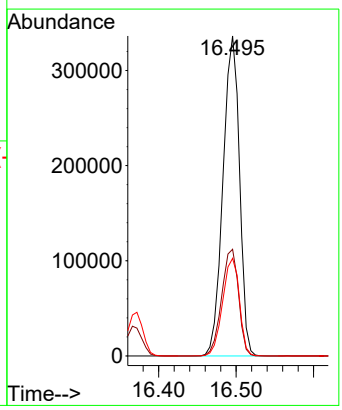


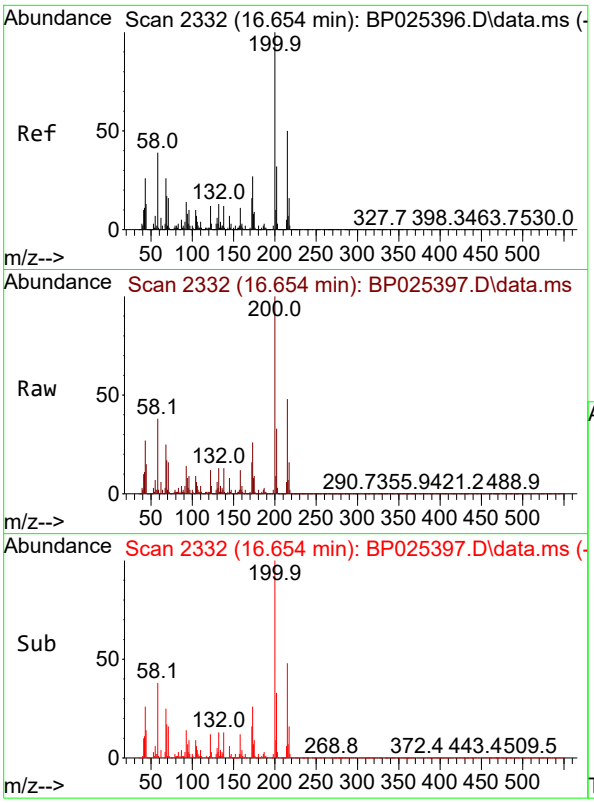


#68
Hexachlorobenzene
Concen: 51.816 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

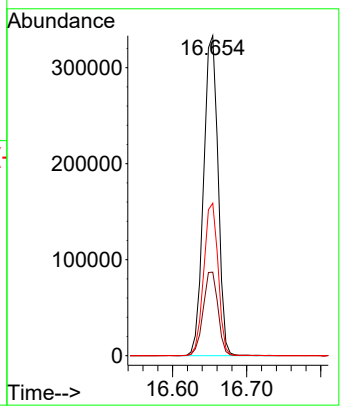




#69
Atrazine
Concen: 52.479 ng
RT: 16.654 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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



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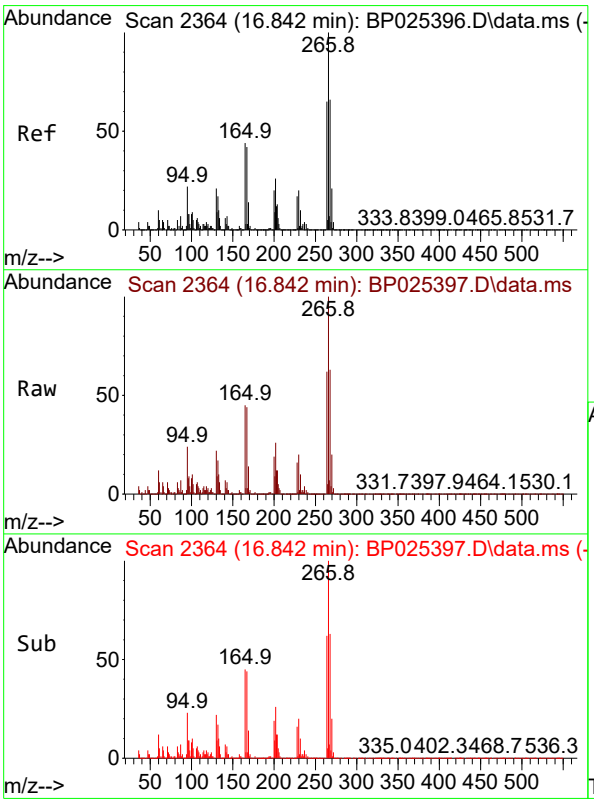
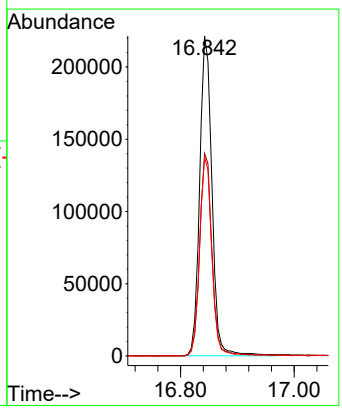
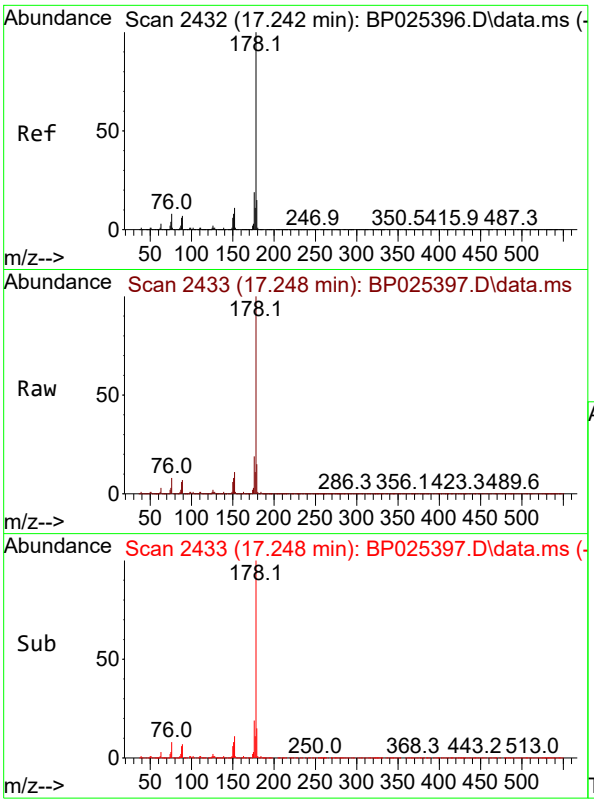


#70
Pentachlorophenol
Concen: 54.872 ng
RT: 16.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:266 Resp: 332839

Ion	Ratio	Lower	Upper
266	100		
268	63.2	52.6	79.0
264	62.1	52.0	78.0

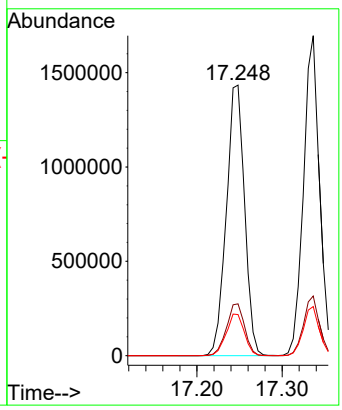




#71
Phenanthrene
Concen: 51.673 ng
RT: 17.248 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:178 Resp: 213943

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.2	12.2	18.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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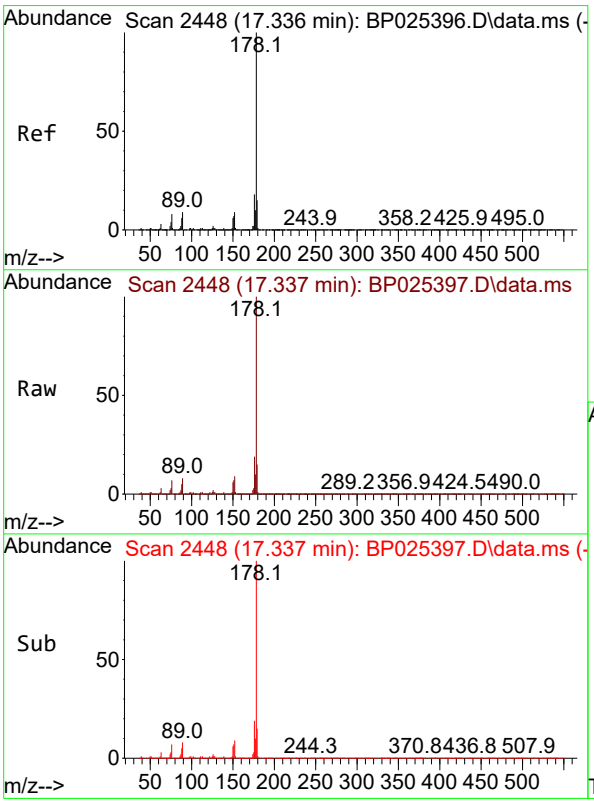
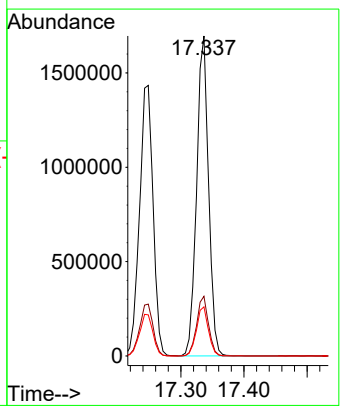
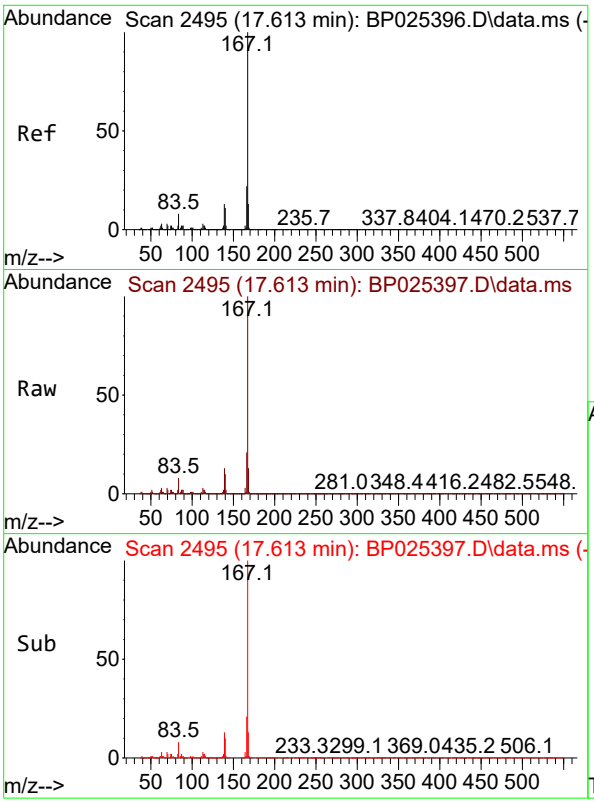


#72
Anthracene
Concen: 52.385 ng
RT: 17.337 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:178 Resp: 2214911

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.7	22.1
179	15.4	12.2	18.2

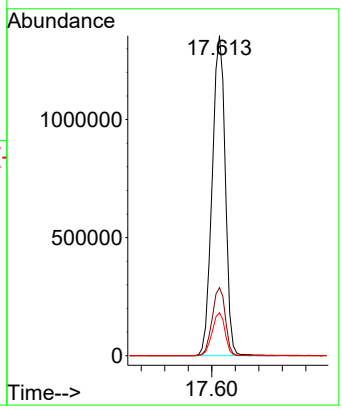




#73
Carbazole
Concen: 52.559 ng
RT: 17.613 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:167 Resp: 209317

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.5	26.3
139	13.4	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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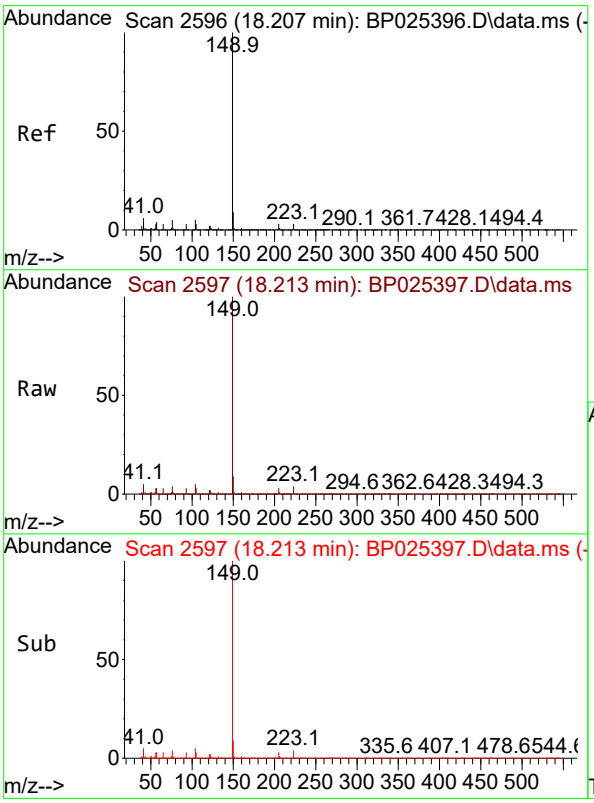
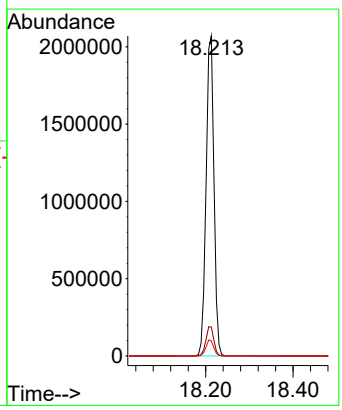
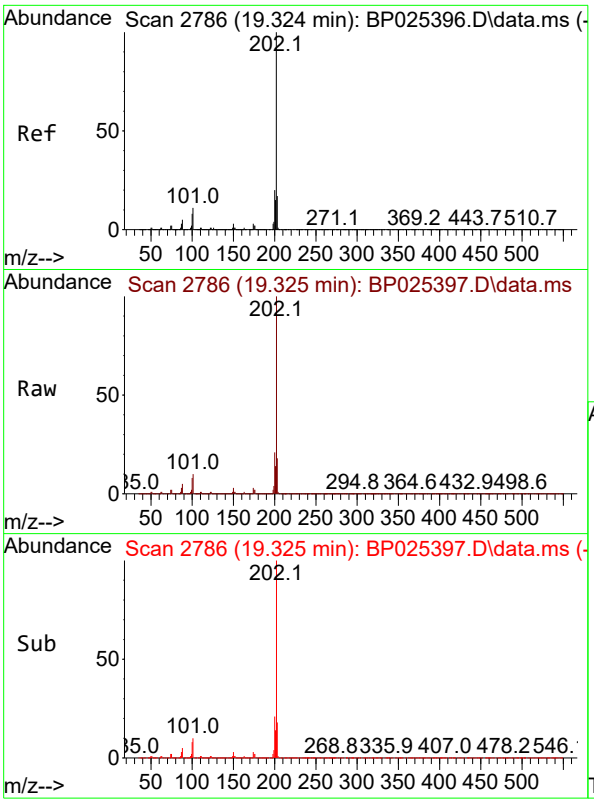


#74
Di-n-butylphthalate
Concen: 52.849 ng
RT: 18.213 min Scan# 2597
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:149 Resp: 2589522

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	4.7	4.2	6.2

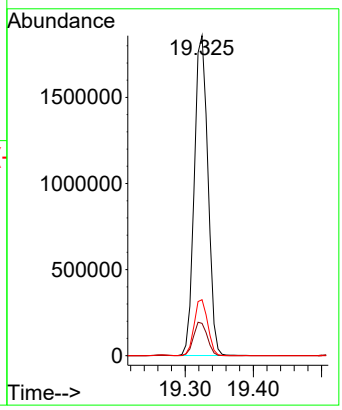




#75
Fluoranthene
Concen: 51.910 ng
RT: 19.325 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:202 Resp: 256370

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.1
203	17.5	0.0	37.3



Instrument :
BNA_P
ClientSampleId :
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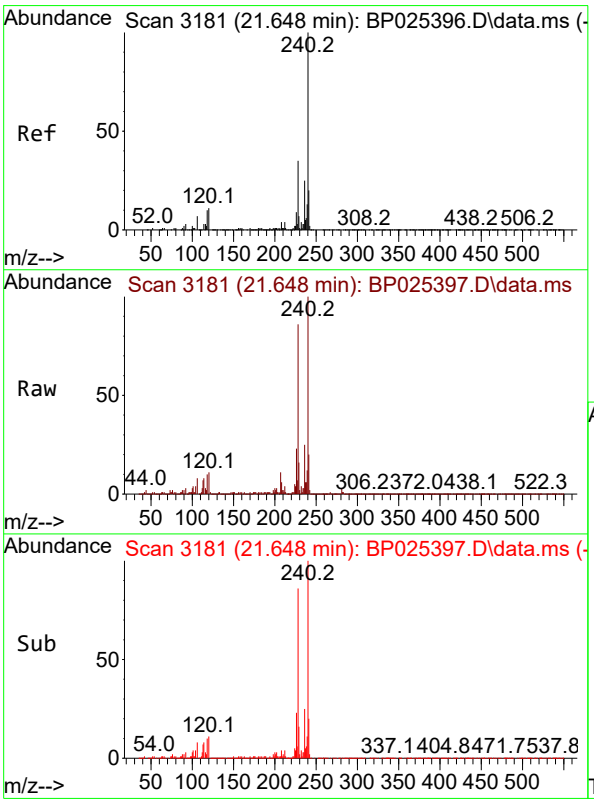
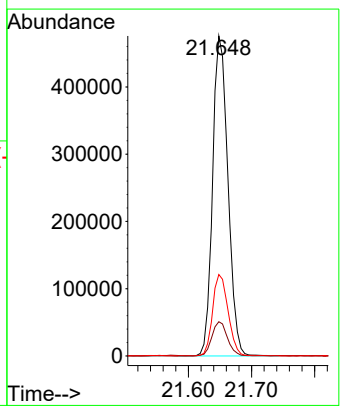
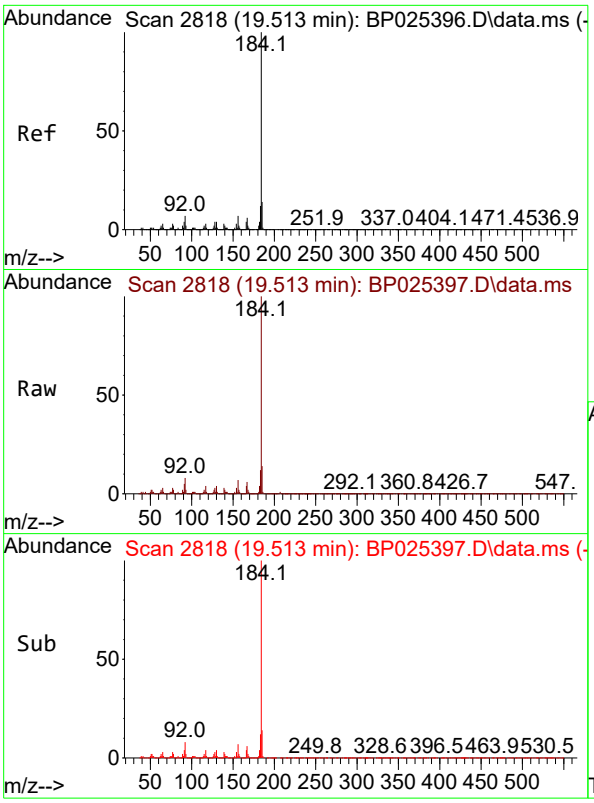


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:240 Resp: 801742

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.9	13.3
236	25.5	19.8	29.8

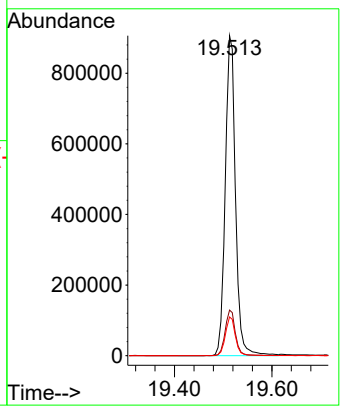




#77
Benzidine
Concen: 48.615 ng
RT: 19.513 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:184 Resp: 133019

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.5	17.3
183	12.1	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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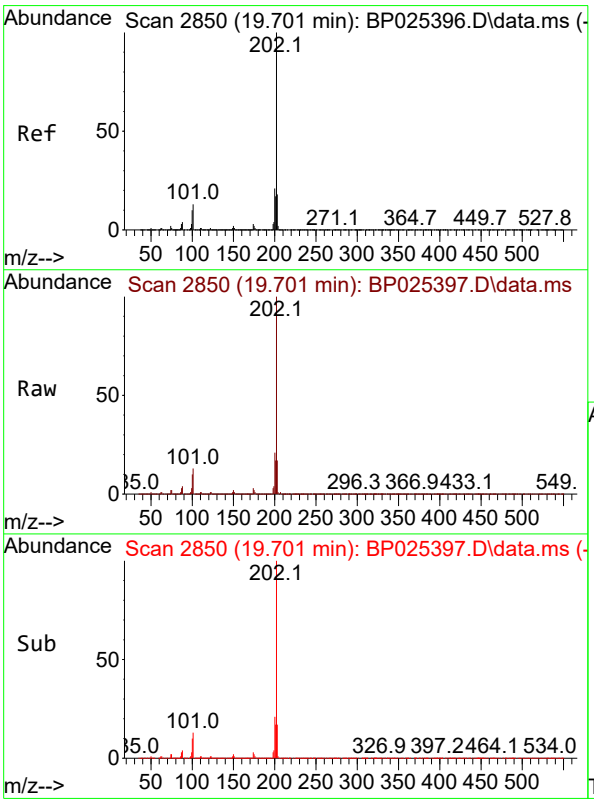
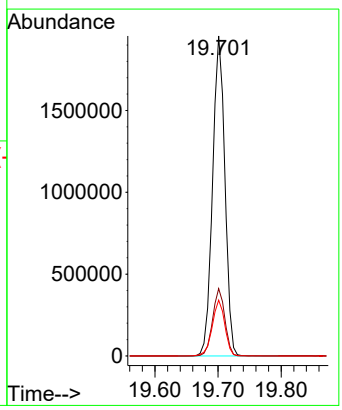
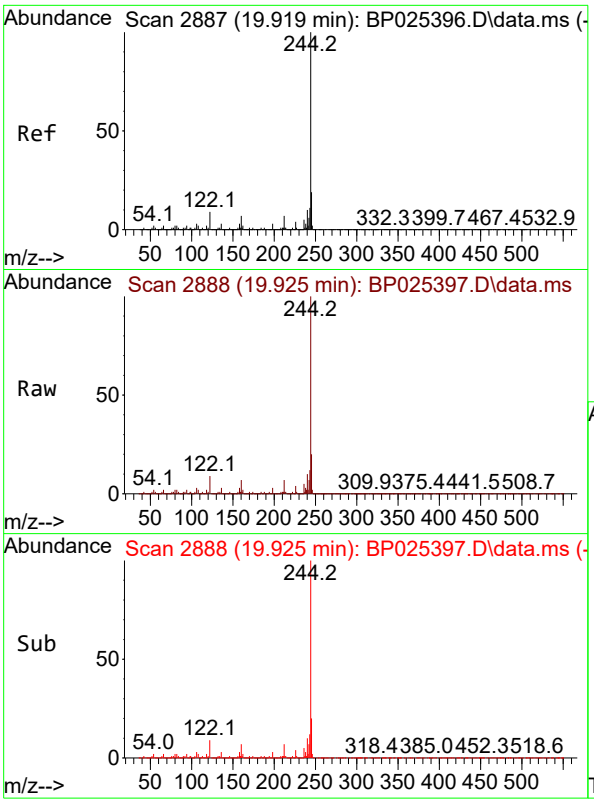


#78
Pyrene
Concen: 50.754 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

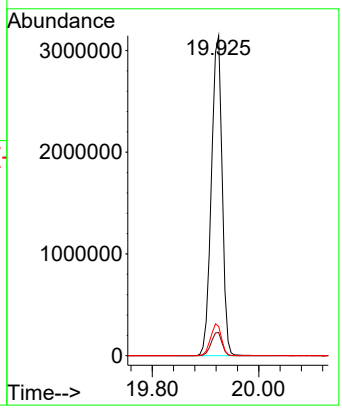




#79
Terphenyl-d14
Concen: 100.615 ng
RT: 19.925 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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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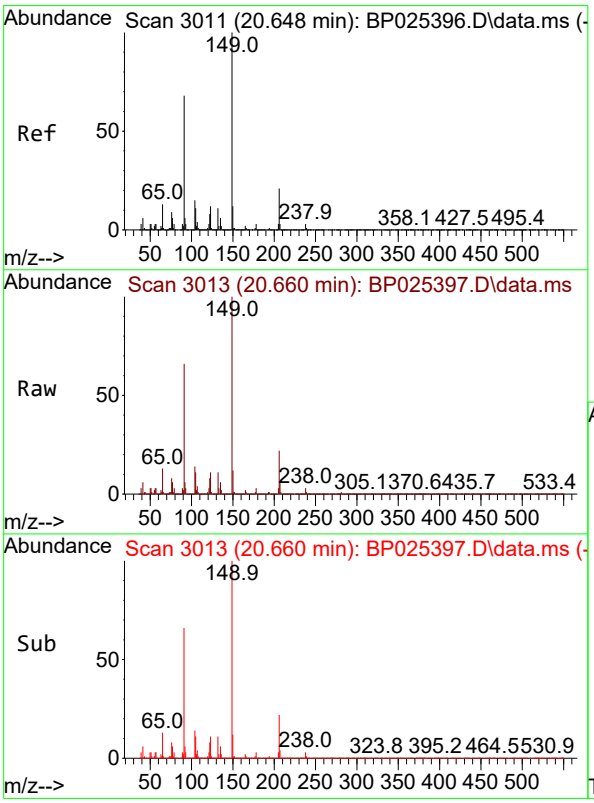
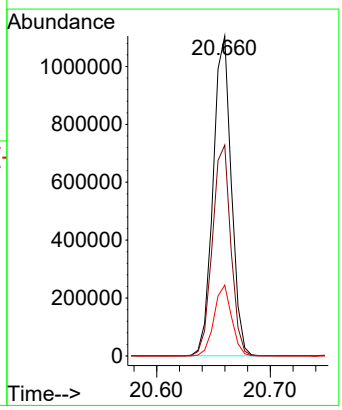
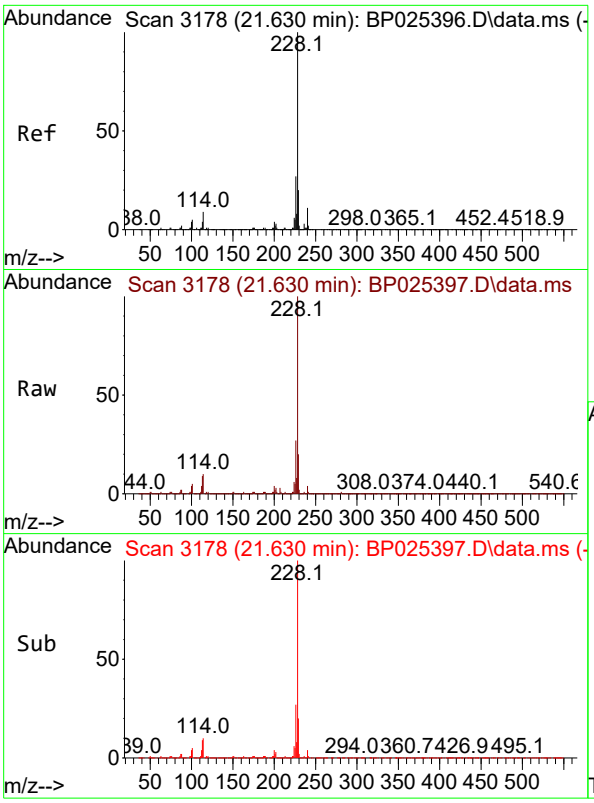


#80
Butylbenzylphthalate
Concen: 52.139 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

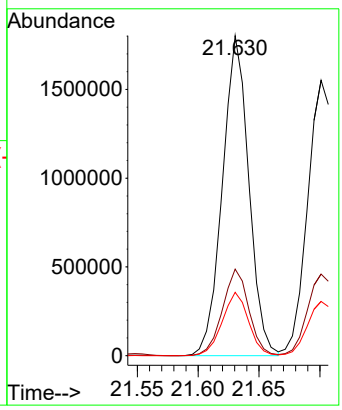




#81
Benzo(a)anthracene
Concen: 51.499 ng
RT: 21.630 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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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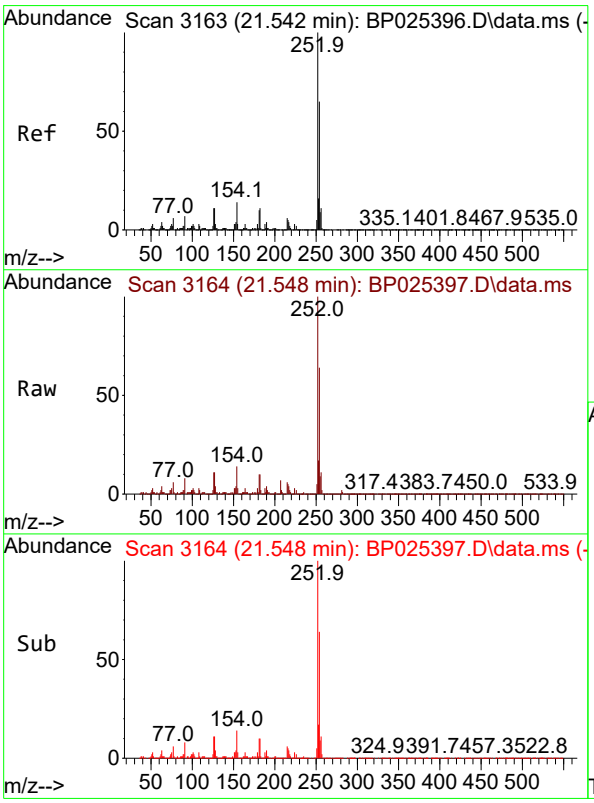
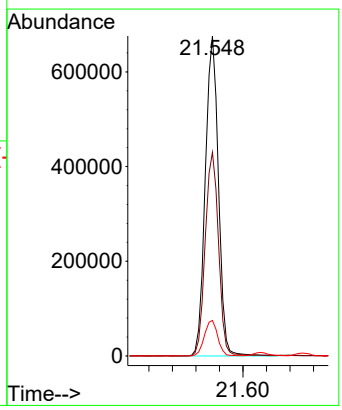
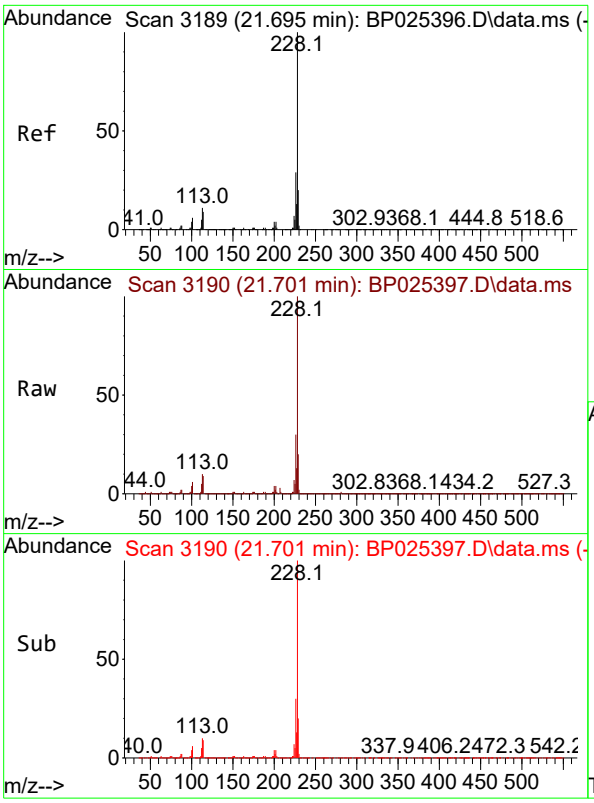


#82
3,3'-Dichlorobenzidine
Concen: 52.357 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

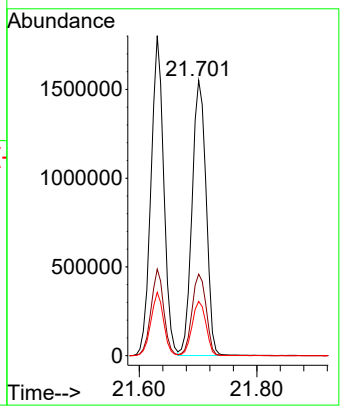




#83
Chrysene
Concen: 51.817 ng
RT: 21.701 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
BNA_P
ClientSampleId :
SSTDICC050

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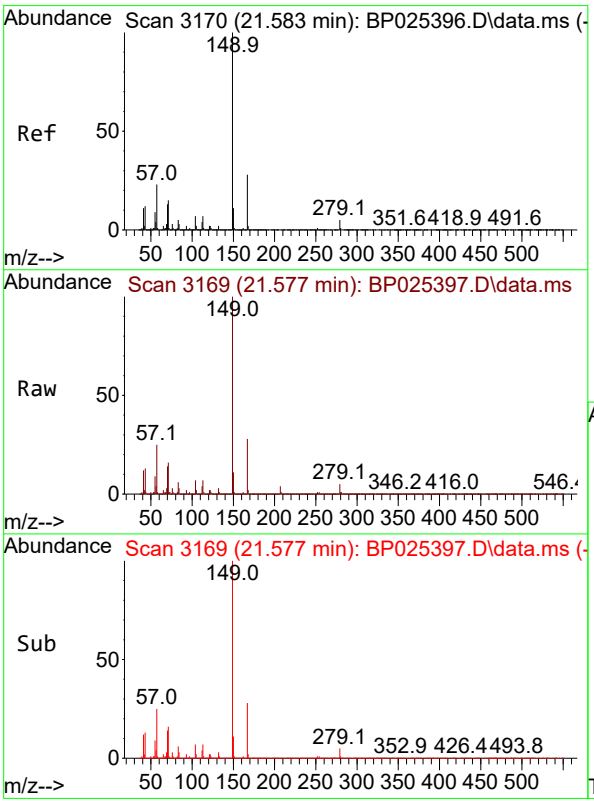
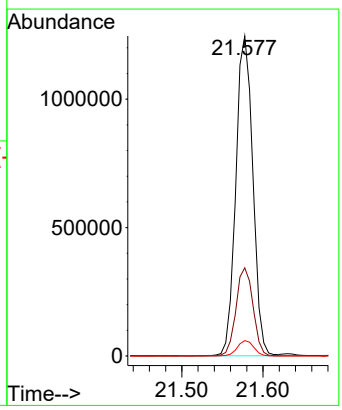
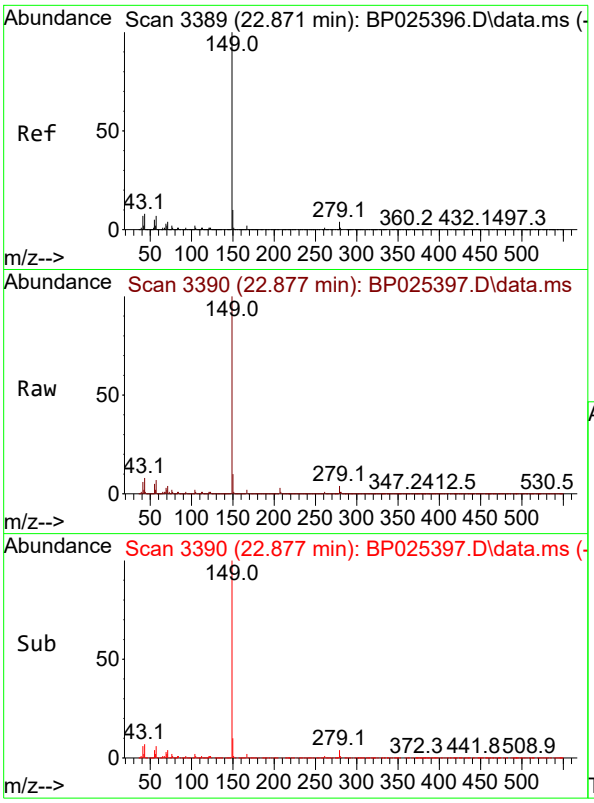


#84
Bis(2-ethylhexyl)phthalate
Concen: 51.933 ng
RT: 21.577 min Scan# 3169
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

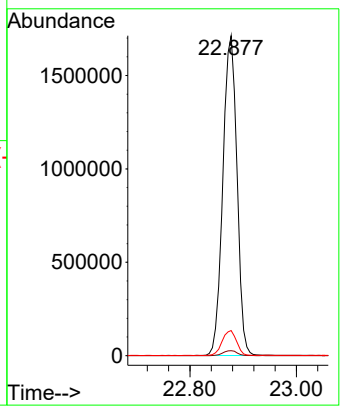




#85
Di-n-octyl phthalate
Concen: 52.690 ng
RT: 22.877 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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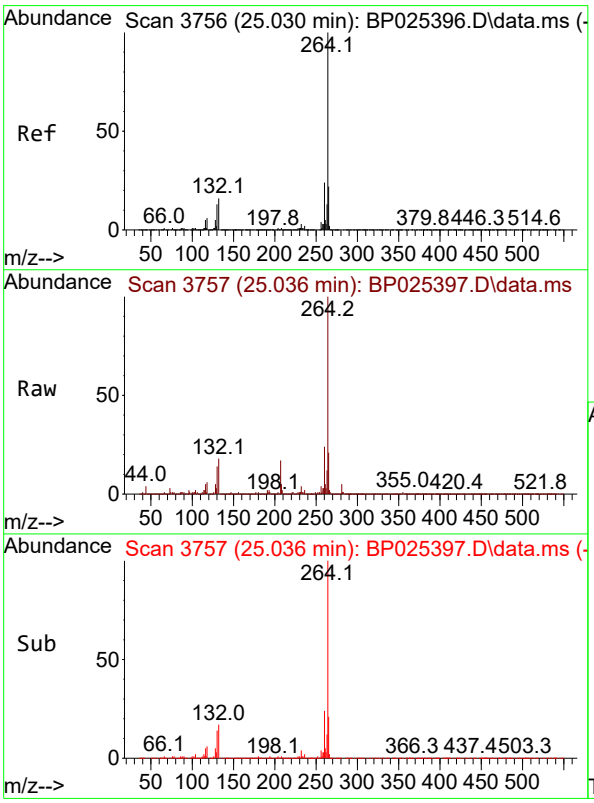
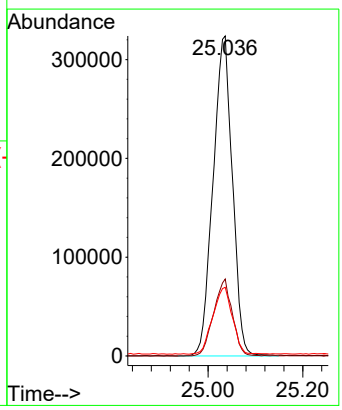
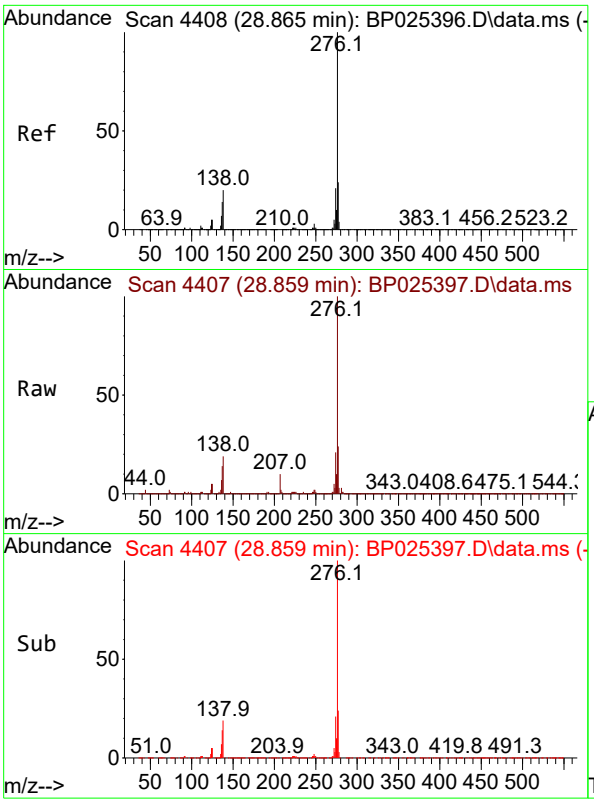


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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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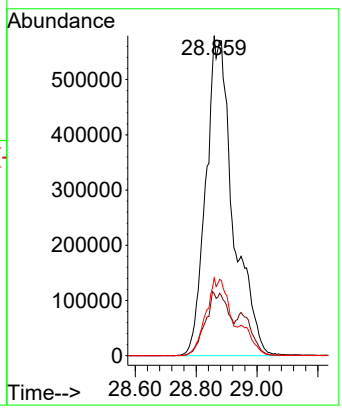
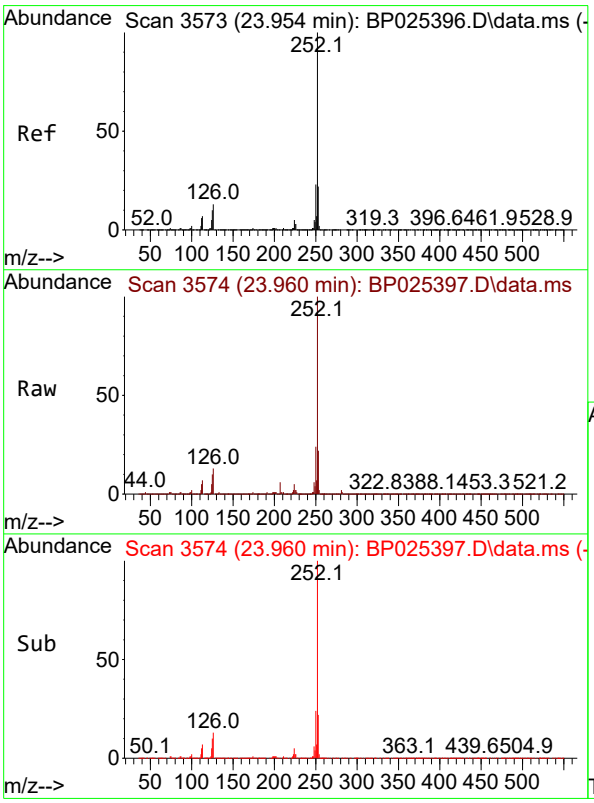
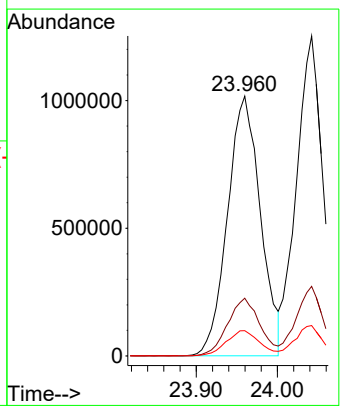


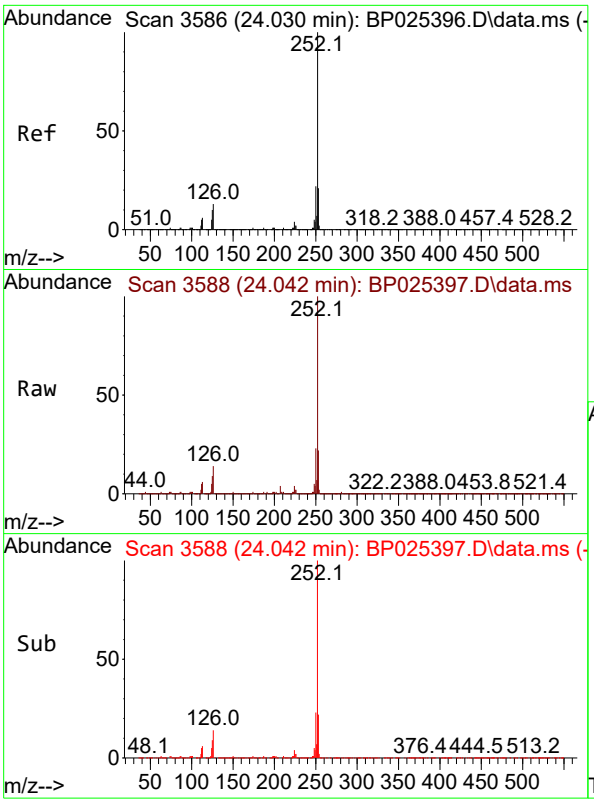


#88
Benzo(b)fluoranthene
Concen: 52.982 ng
RT: 23.960 min Scan# 3574
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

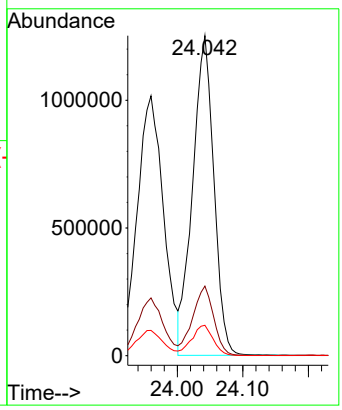




#89
Benzo(k)fluoranthene
Concen: 51.956 ng
RT: 24.042 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:252 Resp: 281727

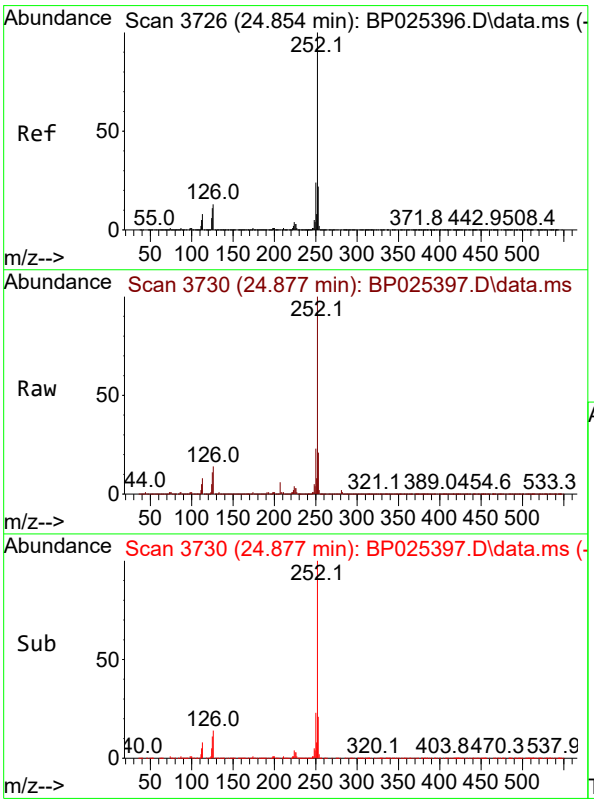
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	9.5	7.8	11.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

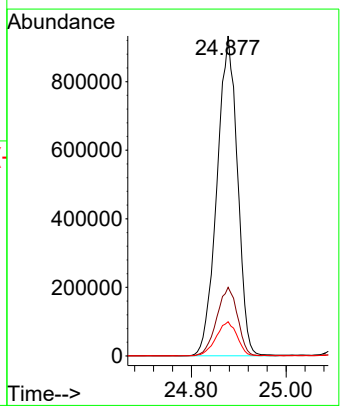
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

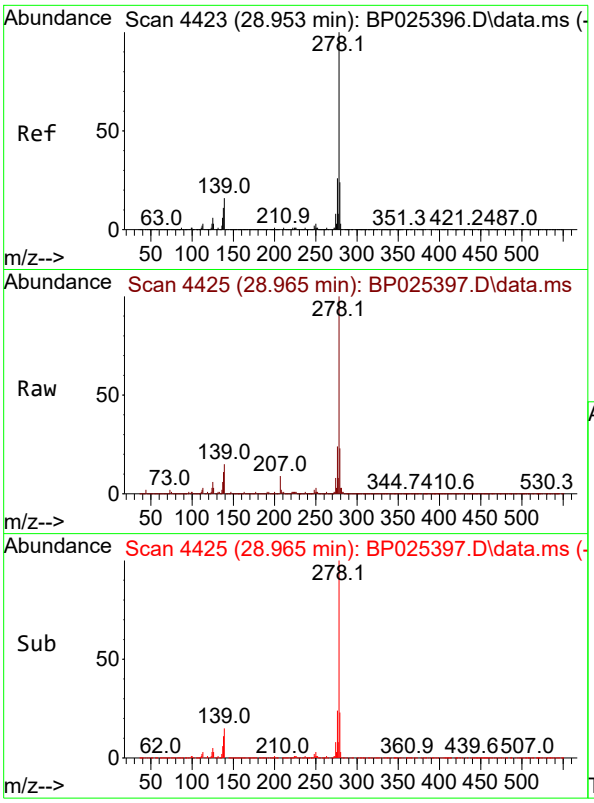


#90
Benzo(a)pyrene
Concen: 53.100 ng
RT: 24.877 min Scan# 3730
Delta R.T. 0.024 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:252 Resp: 2800880

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	10.7	8.7	13.1

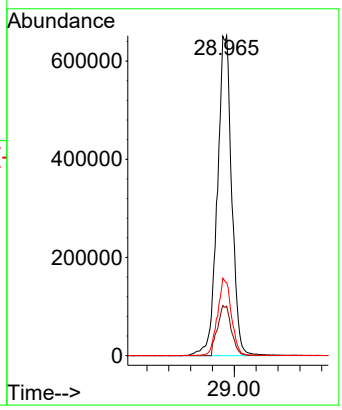




#91
Dibenzo(a,h)anthracene
Concen: 53.795 ng
RT: 28.965 min Scan# 44
Delta R.T. 0.012 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:278 Resp: 296262

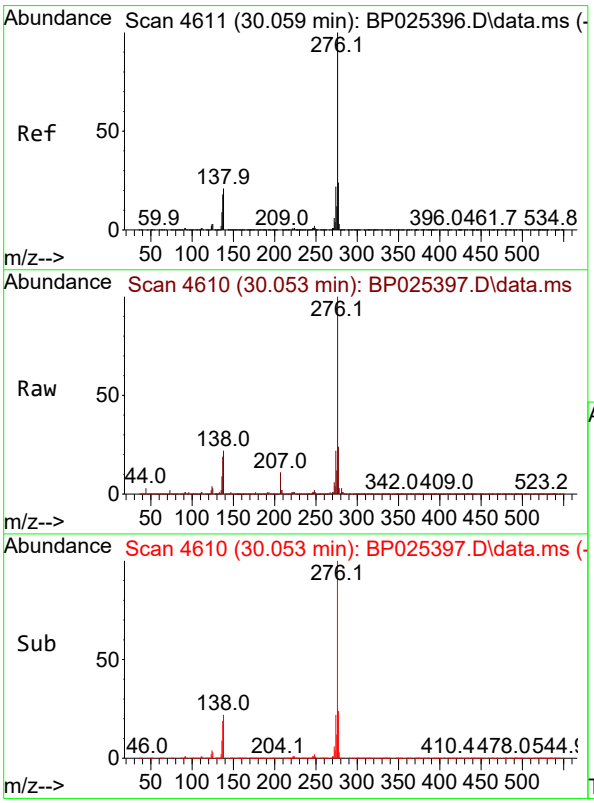
Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.0	19.4
279	22.9	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

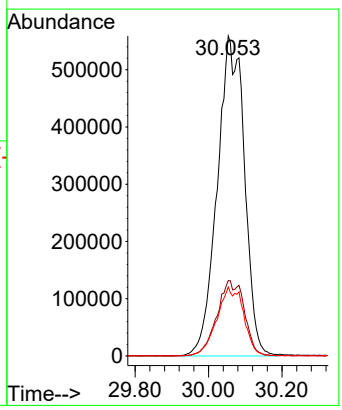
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 52.960 ng m
RT: 30.053 min Scan# 4610
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:276 Resp: 2866689

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.4	29.0
138	21.6	16.7	25.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025398.D
Acq On : 14 Aug 2025 16:42
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Aug 14 17:58:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	162248	20.000	ng		0.00
21) Naphthalene-d8	10.566	136	693237	20.000	ng		0.00
39) Acenaphthene-d10	14.413	164	460439	20.000	ng		0.00
64) Phenanthrene-d10	17.213	188	923402	20.000	ng		0.01
76) Chrysene-d12	21.666	240	926019	20.000	ng		0.02
86) Perylene-d12	25.042	264	1081163	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	1193329	122.144	ng		0.00
7) Phenol-d6	6.972	99	1566626	125.072	ng		0.00
23) Nitrobenzene-d5	8.931	82	1698557	123.944	ng		0.00
42) 2,4,6-Tribromophenol	15.925	330	760738	122.748	ng		0.01
45) 2-Fluorobiphenyl	13.025	172	3963871	117.656	ng		0.00
79) Terphenyl-d14	19.930	244	5896004	116.490	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	225015	58.799	ng		99
3) Pyridine	3.731	79	623639	59.539	ng		97
4) n-Nitrosodimethylamine	3.637	42	269971	62.518	ng		100
6) Aniline	7.125	93	1053232	62.408	ng		99
8) 2-Chlorophenol	7.366	128	688094	62.413	ng		100
9) Benzaldehyde	6.943	77	489205	55.745	ng		97
10) Phenol	7.002	94	821863	62.530	ng		98
11) bis(2-Chloroethyl)ether	7.219	93	634374	61.925	ng		99
12) 1,3-Dichlorobenzene	7.684	146	744884	61.273	ng		99
13) 1,4-Dichlorobenzene	7.825	146	751354	60.469	ng		100
14) 1,2-Dichlorobenzene	8.143	146	723663	60.165	ng		99
15) Benzyl Alcohol	8.025	79	627198	63.019	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.313	45	846896	61.712	ng		99
17) 2-Methylphenol	8.225	107	579471	63.480	ng		99
18) Hexachloroethane	8.866	117	281129	61.535	ng		95
19) n-Nitroso-di-n-propyla...	8.590	70	507223	61.060	ng		98
20) 3+4-Methylphenols	8.555	107	798107	63.075	ng		96
22) Acetophenone	8.602	105	1051848	60.503	ng	#	99
24) Nitrobenzene	8.978	77	752762	61.461	ng		98
25) Isophorone	9.502	82	1475193	60.825	ng		99
26) 2-Nitrophenol	9.678	139	405821	64.564	ng		98
27) 2,4-Dimethylphenol	9.743	122	675186	62.463	ng		100
28) bis(2-Chloroethoxy)met...	9.972	93	894872	61.040	ng		99
29) 2,4-Dichlorophenol	10.213	162	673952	62.764	ng		99
30) 1,2,4-Trichlorobenzene	10.425	180	715954	60.823	ng		98
31) Naphthalene	10.613	128	2187912	60.722	ng		100
32) Benzoic acid	9.907	122	530609	66.651	ng		98
33) 4-Chloroaniline	10.713	127	993155	62.401	ng		99
34) Hexachlorobutadiene	10.901	225	442929	60.421	ng		100
35) Caprolactam	11.513	113	241521	61.340	ng		95
36) 4-Chloro-3-methylphenol	11.843	107	764338	62.033	ng		98
37) 2-Methylnaphthalene	12.219	142	1418882	60.511	ng		99
38) 1-Methylnaphthalene	12.437	142	1494304	59.925	ng		100
40) 1,2,4,5-Tetrachloroben...	12.590	216	802737	60.365	ng		100
41) Hexachlorocyclopentadiene	12.572	237	536440	66.784	ng		99
43) 2,4,6-Trichlorophenol	12.831	196	564165	62.841	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025398.D
Acq On : 14 Aug 2025 16:42
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Aug 14 17:58:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	619246	62.937	ng	97
46) 1,1'-Biphenyl	13.237	154	1996186	59.695	ng	99
47) 2-Chloronaphthalene	13.272	162	1577577	60.600	ng	99
48) 2-Nitroaniline	13.472	65	485429	63.996	ng	100
49) Acenaphthylene	14.131	152	2634005	61.147	ng	99
50) Dimethylphthalate	13.866	163	2042324	60.572	ng	99
51) 2,6-Dinitrotoluene	13.972	165	446520	62.831	ng	100
52) Acenaphthene	14.478	154	1527191	60.399	ng	100
53) 3-Nitroaniline	14.301	138	506373	63.331	ng	96
54) 2,4-Dinitrophenol	14.519	184	265089	69.849	ng	98
55) Dibenzofuran	14.819	168	2387933	59.734	ng	100
56) 4-Nitrophenol	14.625	139	419801	63.893	ng	99
57) 2,4-Dinitrotoluene	14.778	165	650054	64.112	ng	96
58) Fluorene	15.478	166	1836972	58.236	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.042	232	541317	62.307	ng	100
60) Diethylphthalate	15.254	149	2015888	58.840	ng	99
61) 4-Chlorophenyl-phenyle...	15.472	204	926280	59.044	ng	99
62) 4-Nitroaniline	15.489	138	510438	62.272	ng	99
63) Azobenzene	15.766	77	1796580	61.242	ng	99
65) 4,6-Dinitro-2-methylph...	15.554	198	385873	67.038	ng	98
66) n-Nitrosodiphenylamine	15.684	169	1674806	59.478	ng	99
67) 4-Bromophenyl-phenylether	16.378	248	616767	60.731	ng	97
68) Hexachlorobenzene	16.501	284	711778	60.461	ng	100
69) Atrazine	16.666	200	633381	60.063	ng	99
70) Pentachlorophenol	16.854	266	474276	63.820	ng	97
71) Phenanthrene	17.260	178	3006132	59.263	ng	100
72) Anthracene	17.342	178	3050794	58.895	ng	99
73) Carbazole	17.625	167	2916606	59.776	ng	99
74) Di-n-butylphthalate	18.219	149	3560427	59.310	ng	100
75) Fluoranthene	19.342	202	3563798	58.899	ng	99
77) Benzidine	19.525	184	1690432	53.489	ng	99
78) Pyrene	19.713	202	3664453	60.883	ng	100
80) Butylbenzylphthalate	20.660	149	1710246	62.697	ng	99
81) Benzo(a)anthracene	21.648	228	3702064	60.619	ng	99
82) 3,3'-Dichlorobenzidine	21.554	252	1405597	61.062	ng	100
83) Chrysene	21.707	228	3453736	60.387	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	2450963	61.038	ng	100
85) Di-n-octyl phthalate	22.883	149	4342211	62.869	ng	100
87) Indeno(1,2,3-cd)pyrene	28.901	276	4937235	62.248	ng	96
88) Benzo(b)fluoranthene	23.960	252	3883465	60.914	ng	99
89) Benzo(k)fluoranthene	24.036	252	3912900	61.334	ng	99
90) Benzo(a)pyrene	24.883	252	3845093	61.959	ng	99
91) Dibenzo(a,h)anthracene	28.977	278	4035414	62.280	ng	98
92) Benzo(g,h,i)perylene	30.083	276	3958545	62.159	ng	100

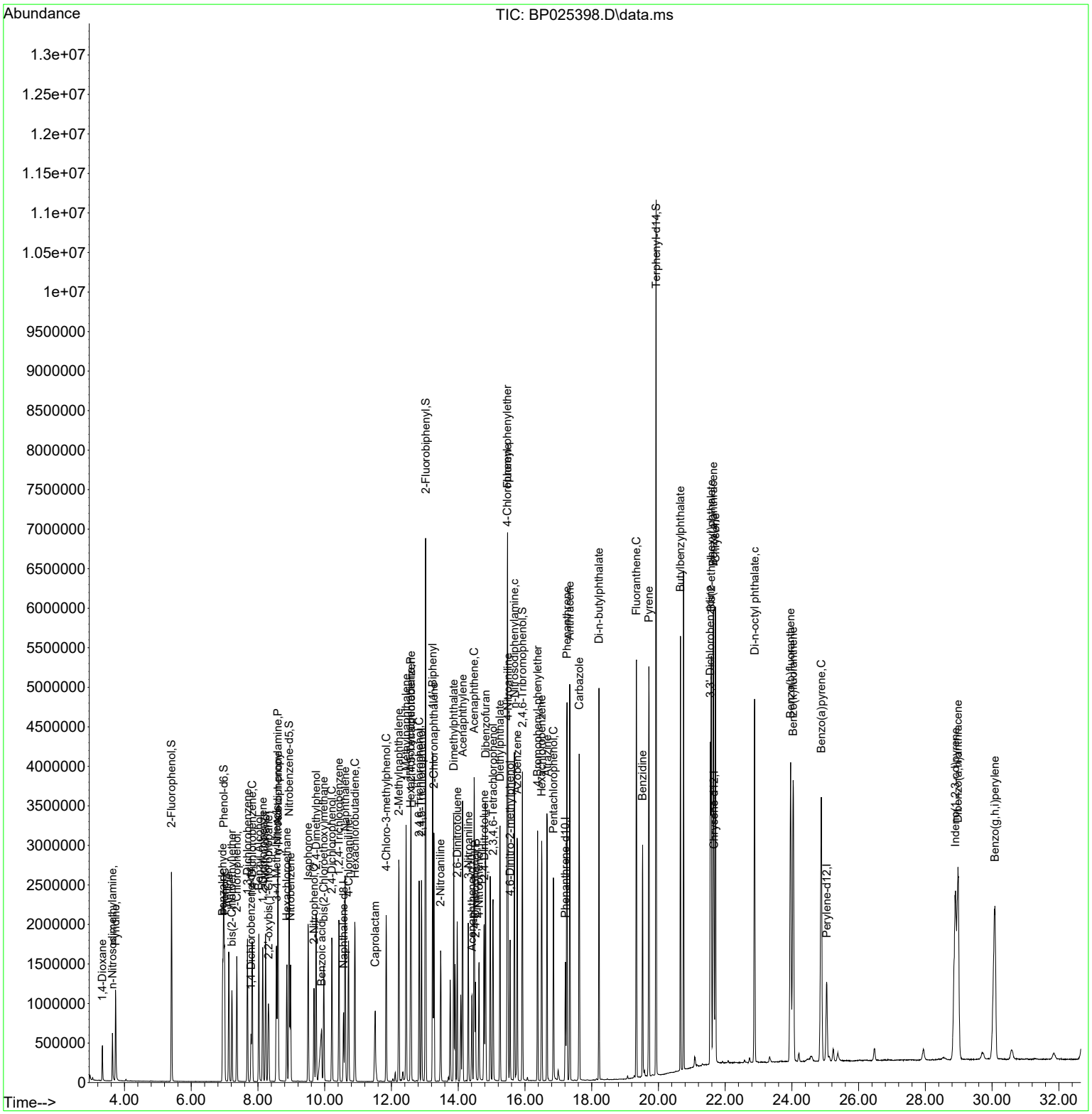
(#) = qualifier out of range (m) = manual integration (+) = signals summed

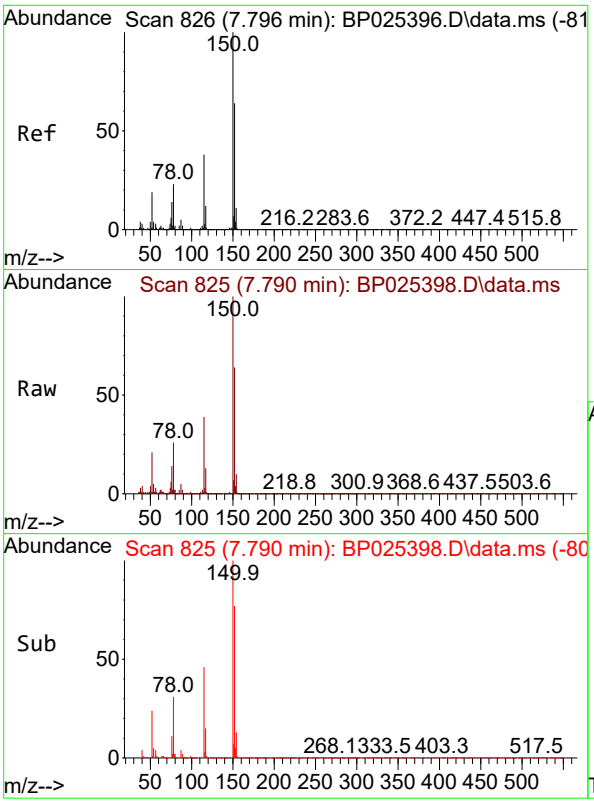
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025398.D
Acq On : 14 Aug 2025 16:42
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Aug 14 17:58:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration



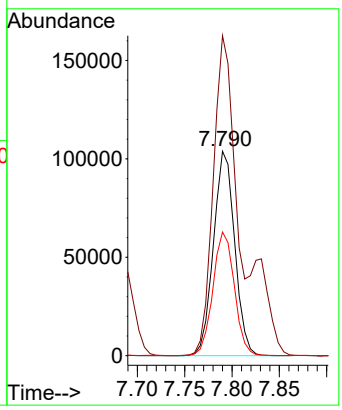


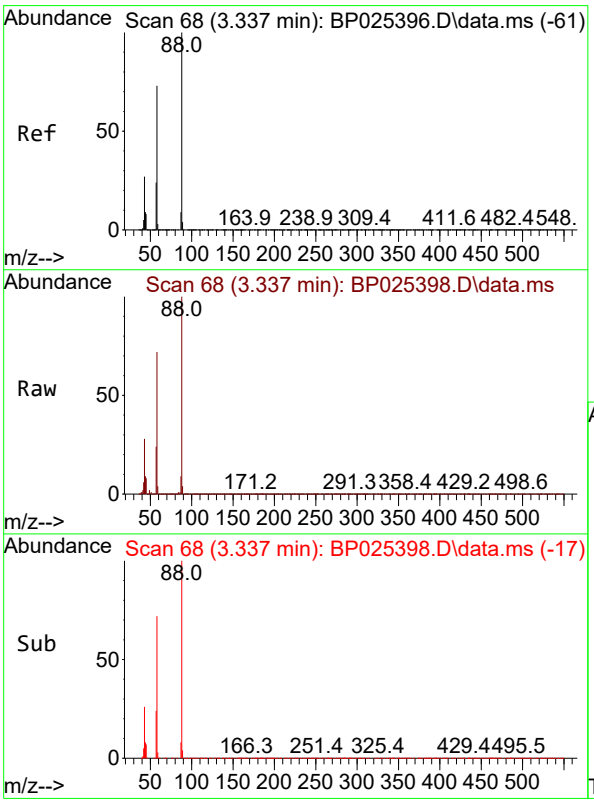
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 162248

Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.9	188.9
115	60.5	48.5	72.7

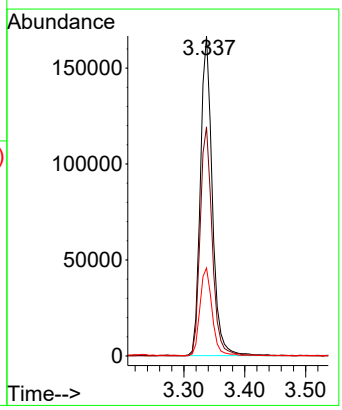


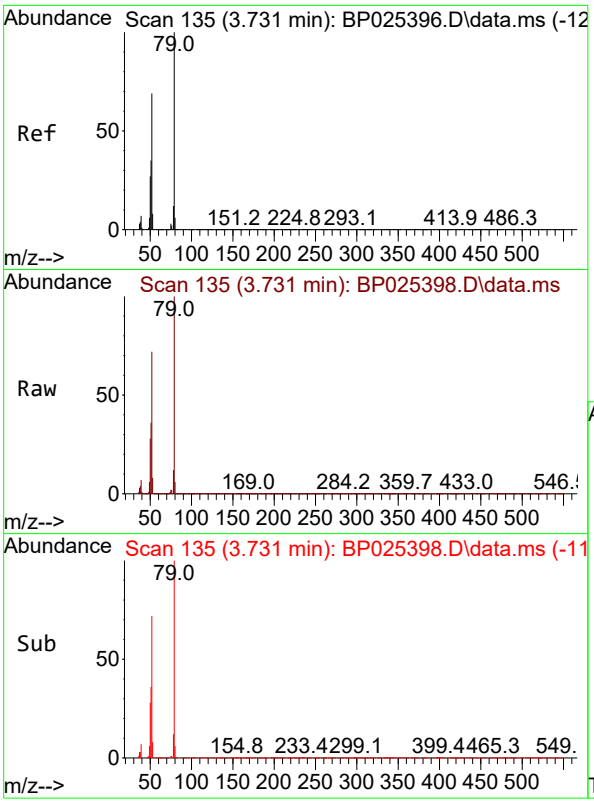


#2
1,4-Dioxane
Concen: 58.799 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 88 Resp: 225015

Ion	Ratio	Lower	Upper
88	100		
58	73.0	59.2	88.8
43	27.9	21.7	32.5



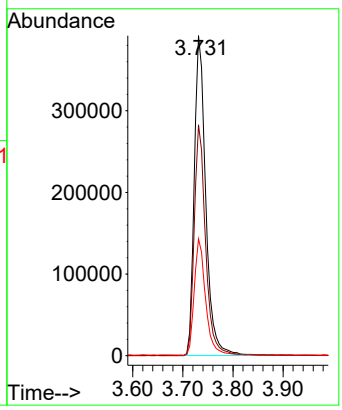


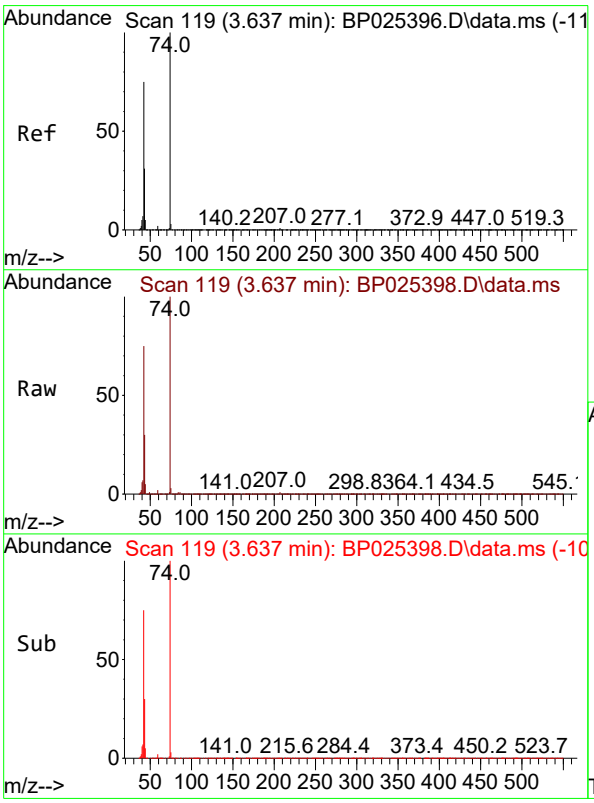
#3
Pyridine
Concen: 59.539 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 623639

Ion	Ratio	Lower	Upper
79	100		
52	72.1	55.5	83.3
51	36.5	28.3	42.5

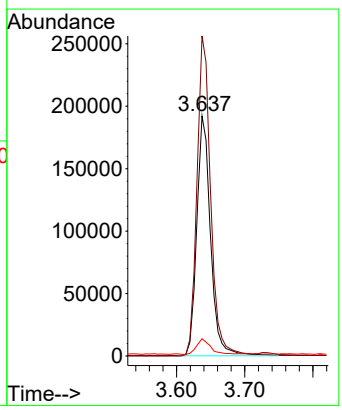


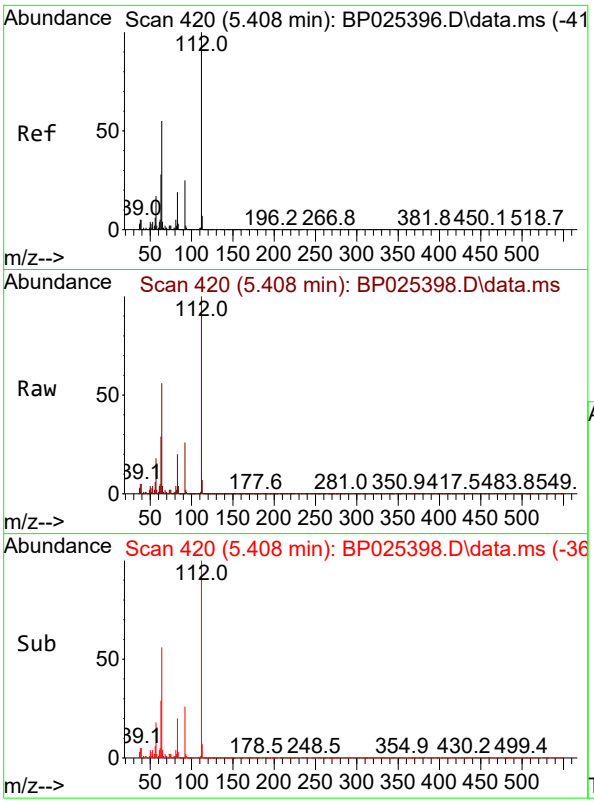


#4
n-Nitrosodimethylamine
Concen: 62.518 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 42 Resp: 269971

Ion	Ratio	Lower	Upper
42	100		
74	133.4	107.0	160.4
44	7.2	6.2	9.4



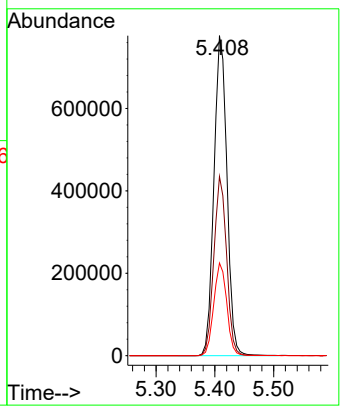


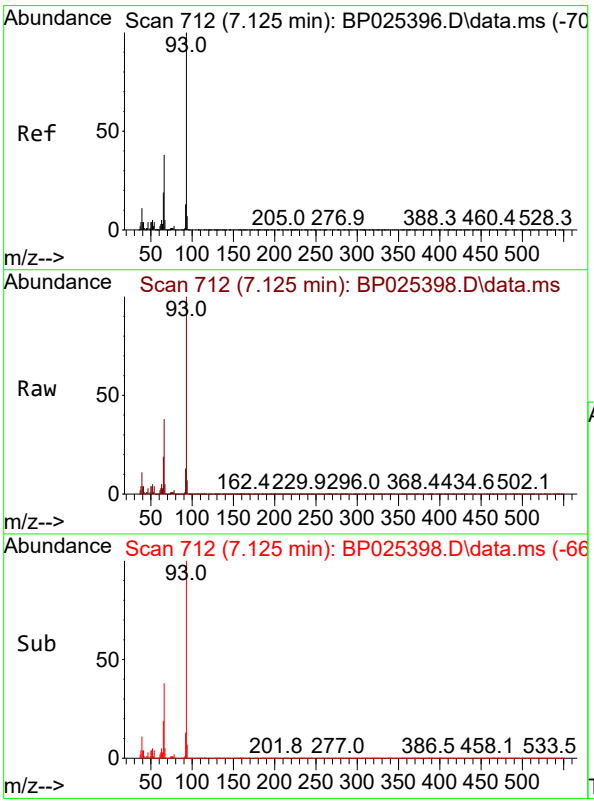
#5
2-Fluorophenol
Concen: 122.144 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 1193329

Ion	Ratio	Lower	Upper
112	100		
64	56.0	43.8	65.8
63	29.0	22.7	34.1

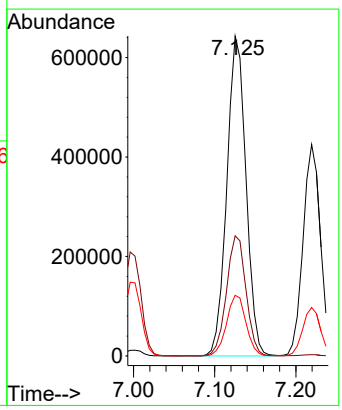


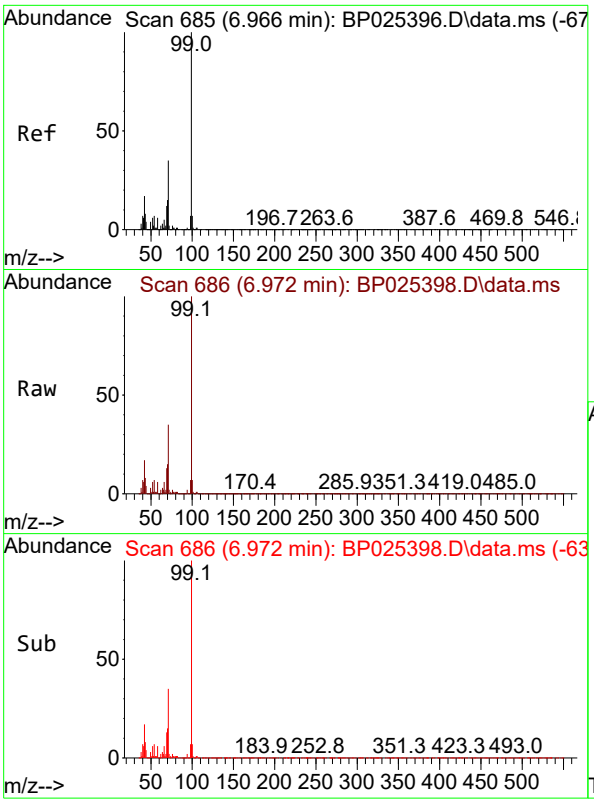


#6
Aniline
Concen: 62.408 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 93 Resp: 1053232

Ion	Ratio	Lower	Upper
93	100		
66	37.5	30.4	45.6
65	18.9	15.3	22.9



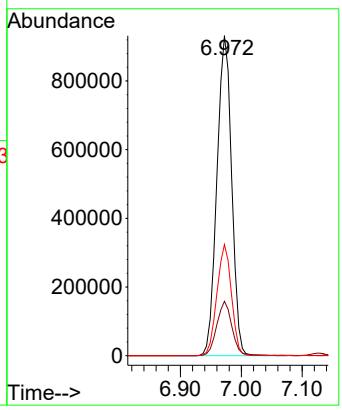


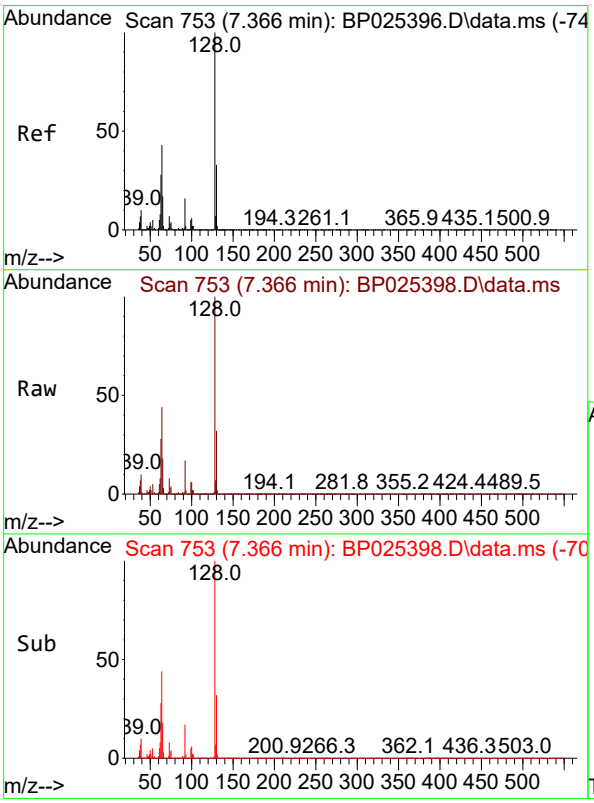
#7
Phenol-d6
Concen: 125.072 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 1566626

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.7	20.5
71	34.8	28.2	42.4

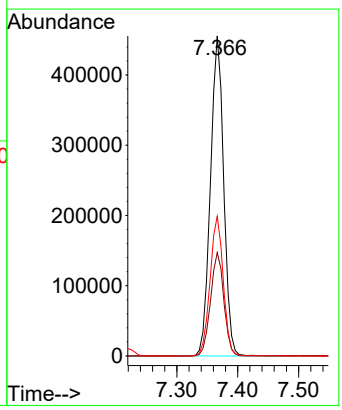


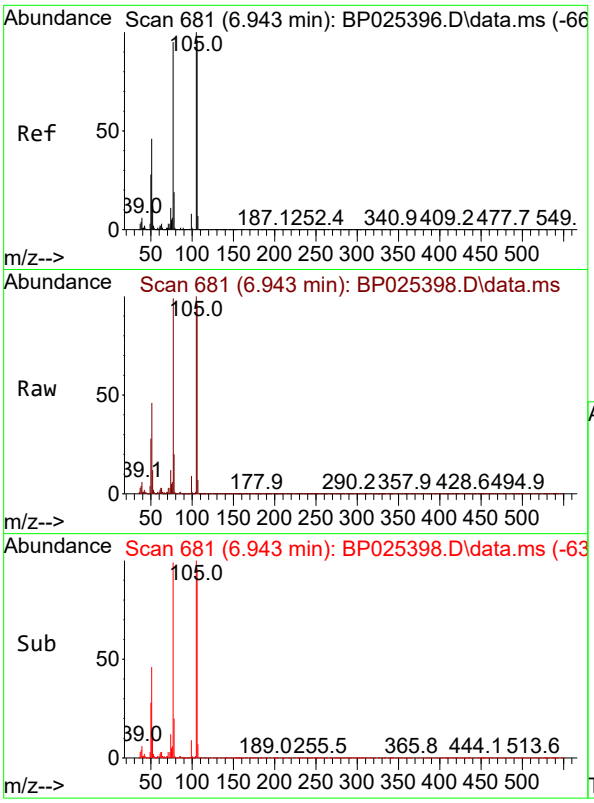


#8
2-Chlorophenol
Concen: 62.413 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:128 Resp: 688094

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	43.7	23.4	63.4



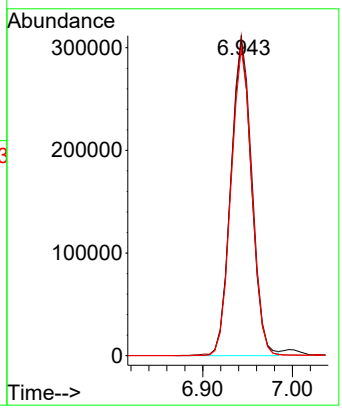


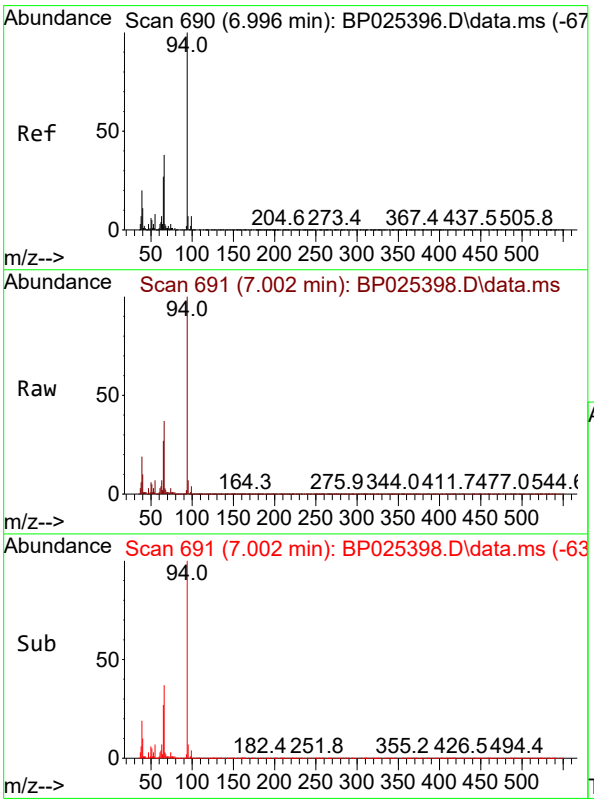
#9
Benzaldehyde
Concen: 55.745 ng
RT: 6.943 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 489205

Ion	Ratio	Lower	Upper
77	100		
105	101.4	84.8	124.8
106	97.4	80.5	120.5

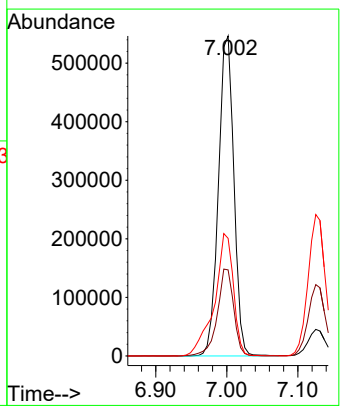


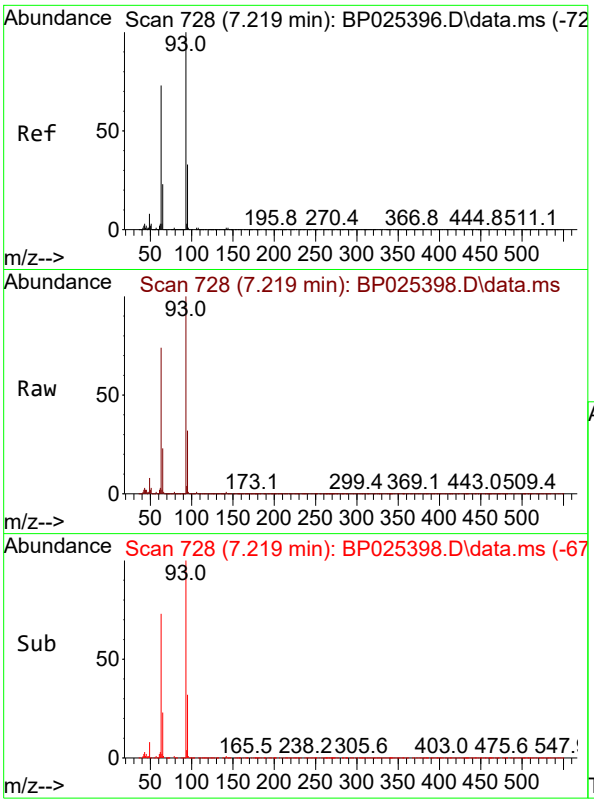


#10
Phenol
Concen: 62.530 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 94 Resp: 821863

Ion	Ratio	Lower	Upper
94	100		
65	26.9	6.8	46.8
66	36.8	18.2	58.2



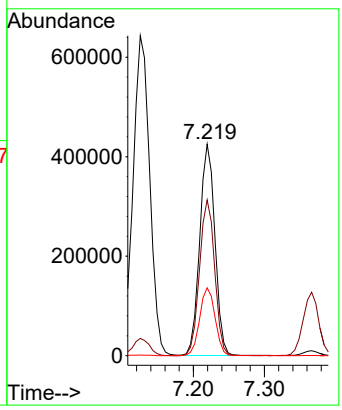


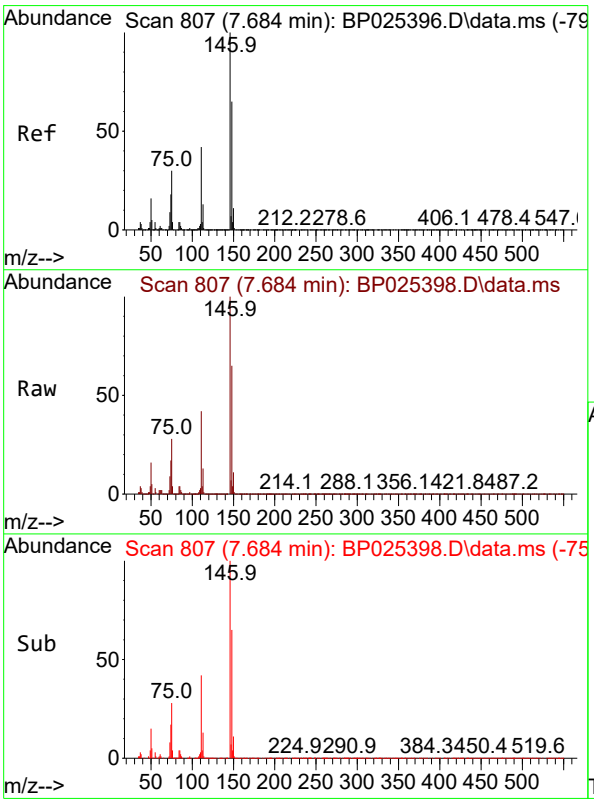
#11
bis(2-Chloroethyl)ether
Concen: 61.925 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 634374

Ion	Ratio	Lower	Upper
93	100		
63	73.6	52.6	92.6
95	32.0	12.7	52.7

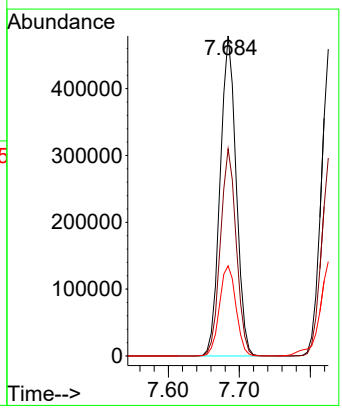


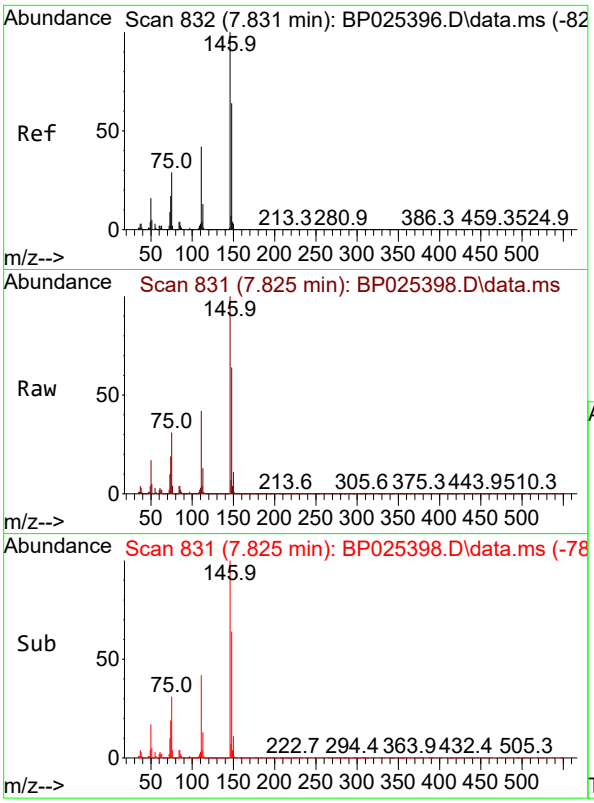


#12
1,3-Dichlorobenzene
Concen: 61.273 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:146 Resp: 744884

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
75	28.2	23.7	35.5



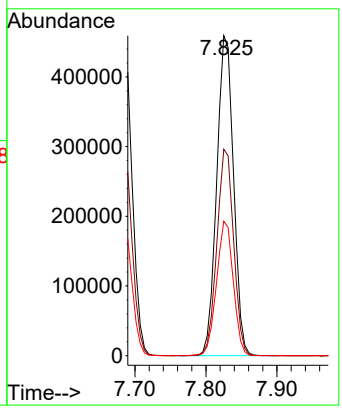


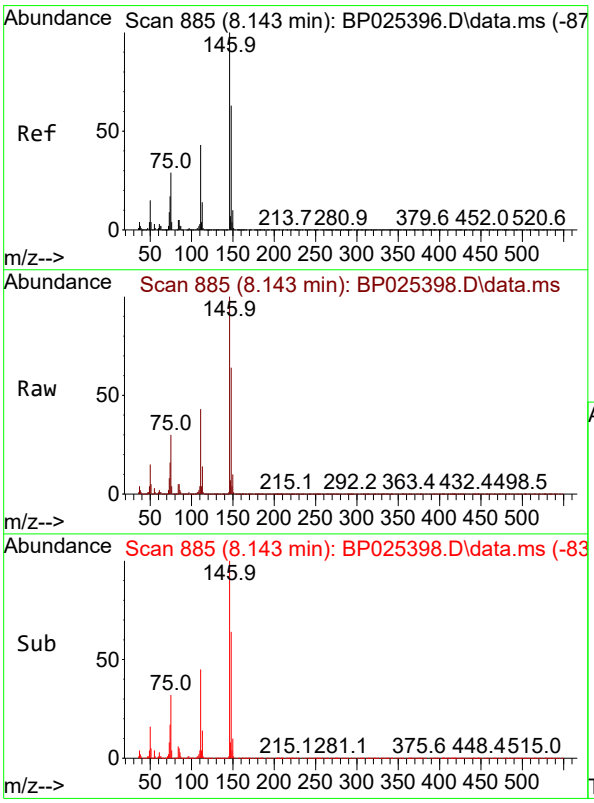
#13
1,4-Dichlorobenzene
Concen: 60.469 ng
RT: 7.825 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 751354

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.6	77.4
111	42.0	33.4	50.0

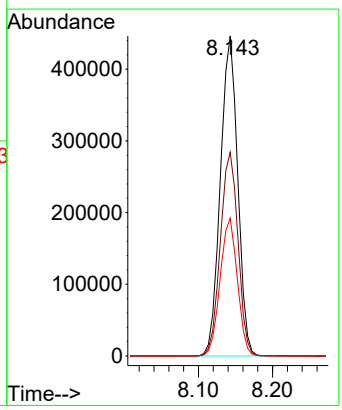


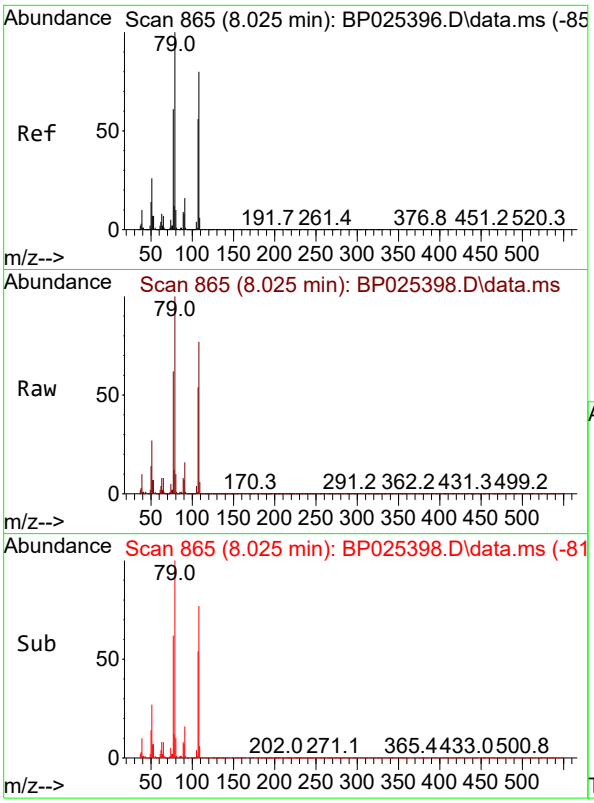


#14
1,2-Dichlorobenzene
Concen: 60.165 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:146 Resp: 723663

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.4	75.6
111	43.0	34.5	51.7



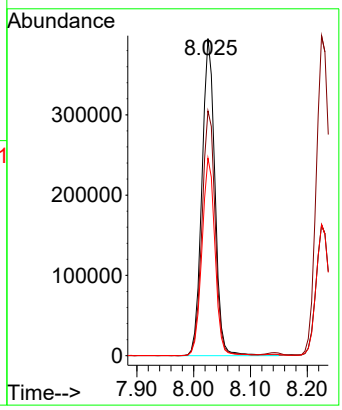


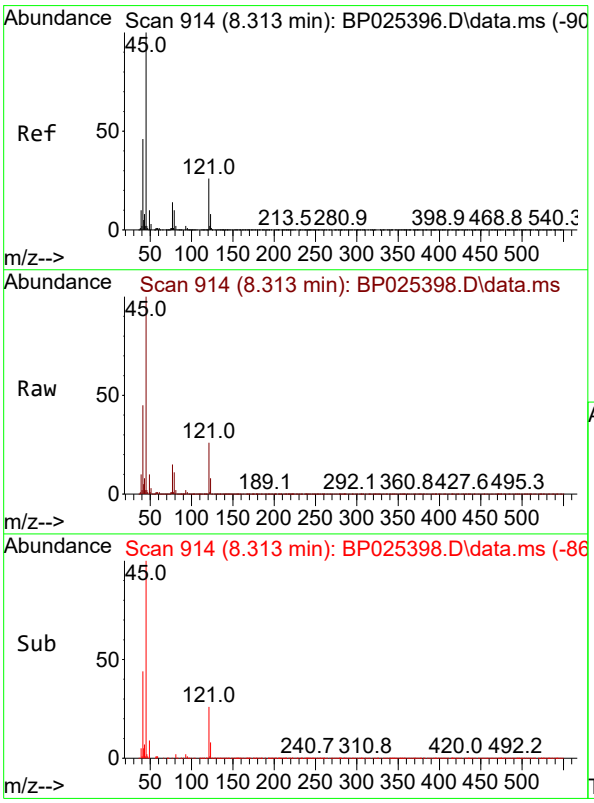
#15
Benzyl Alcohol
Concen: 63.019 ng
RT: 8.025 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 627198

Ion	Ratio	Lower	Upper
79	100		
108	77.2	63.8	95.6
77	62.3	49.0	73.4

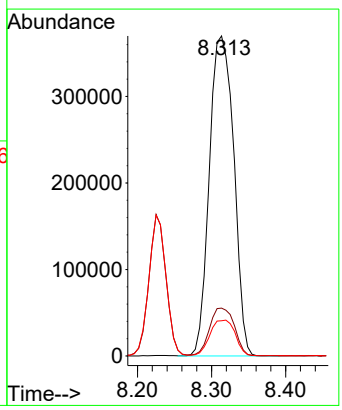


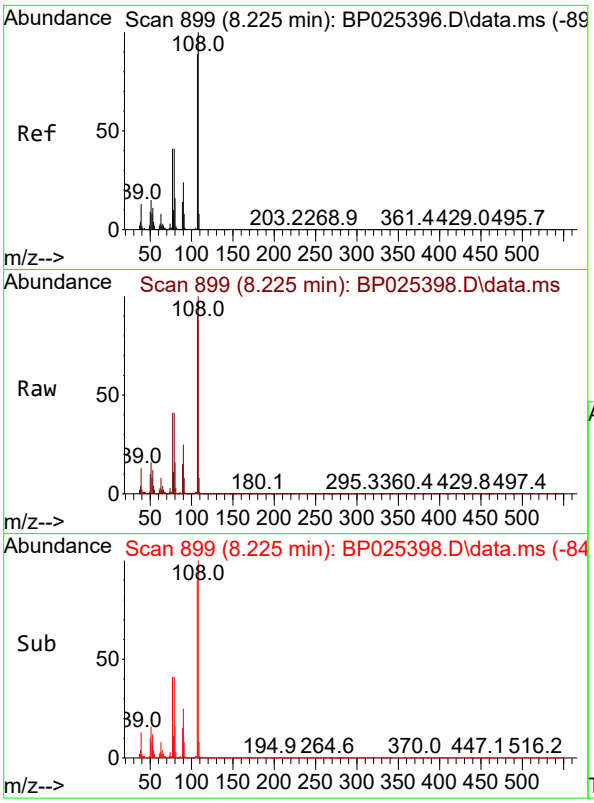


#16
2,2'-oxybis(1-Chloropropane)
Concen: 61.712 ng
RT: 8.313 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 45 Resp: 846896

Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	35.3
79	11.0	0.0	31.8



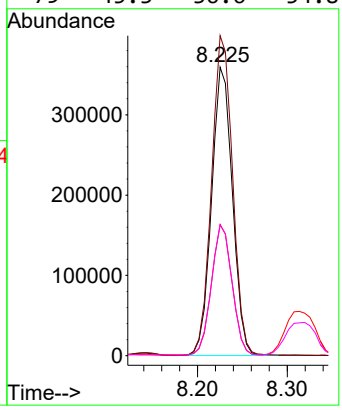


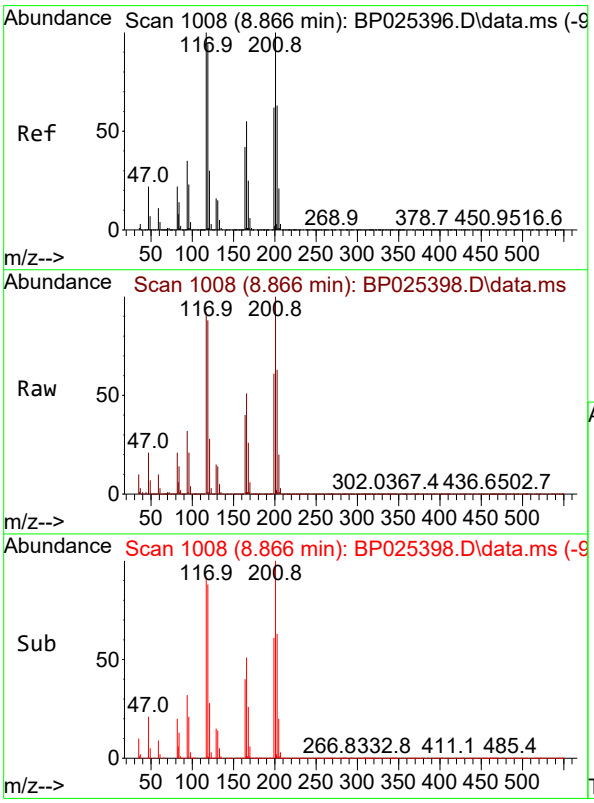
#17
2-Methylphenol
Concen: 63.480 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 579471

Ion	Ratio	Lower	Upper
107	100		
108	110.9	89.4	134.0
77	45.5	36.3	54.5
79	45.3	36.6	54.8

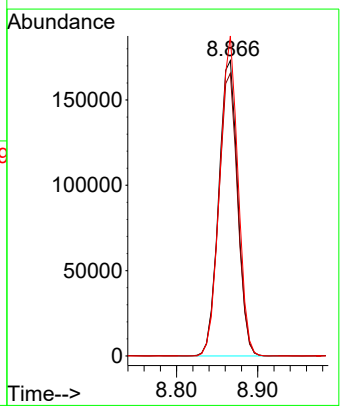


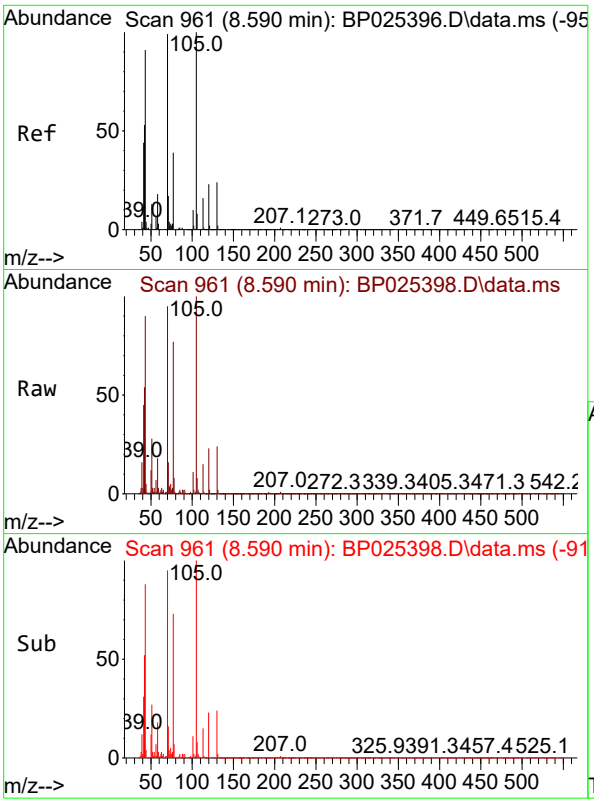


#18
Hexachloroethane
Concen: 61.535 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:117 Resp: 281129

Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.1	112.7
201	108.4	80.1	120.1



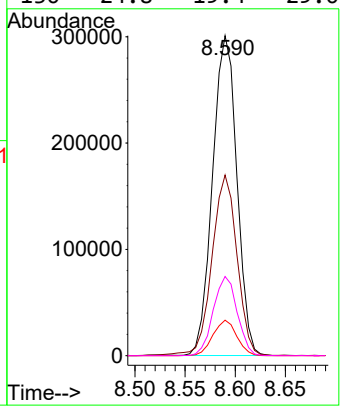


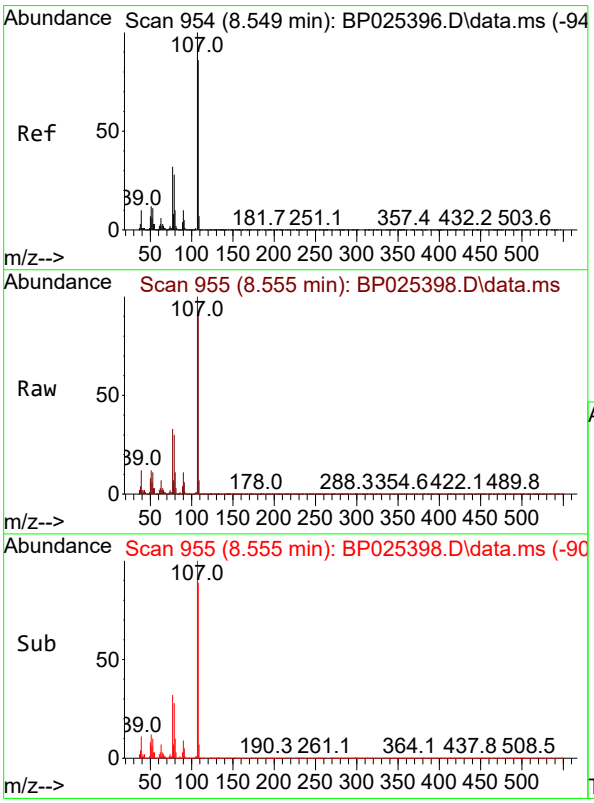
#19
n-Nitroso-di-n-propylamine
Concen: 61.060 ng
RT: 8.590 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 507223

Ion	Ratio	Lower	Upper
70	100		
42	56.5	43.8	65.6
101	11.1	8.5	12.7
130	24.8	19.4	29.0

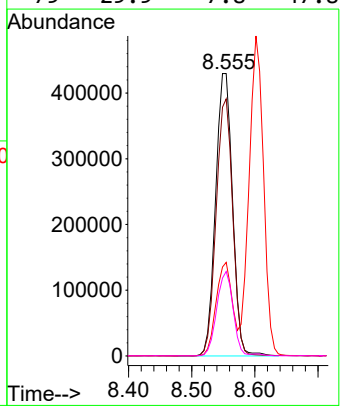


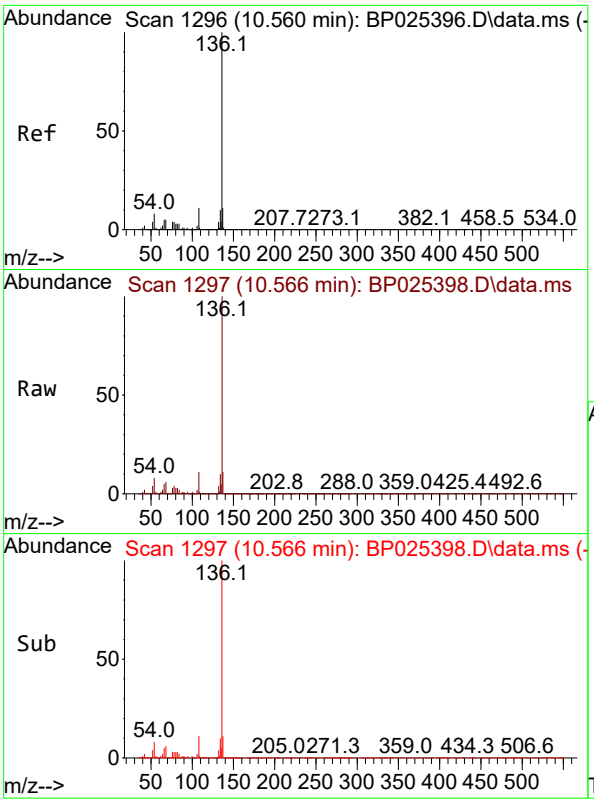


#20
3+4-Methylphenols
Concen: 63.075 ng
RT: 8.555 min Scan# 955
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:107 Resp: 798107

Ion	Ratio	Lower	Upper
107	100		
108	91.0	66.3	106.3
77	33.1	12.3	52.3
79	29.9	7.8	47.8



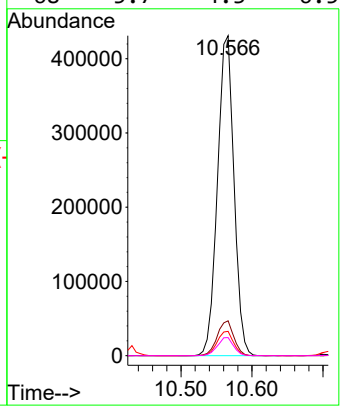


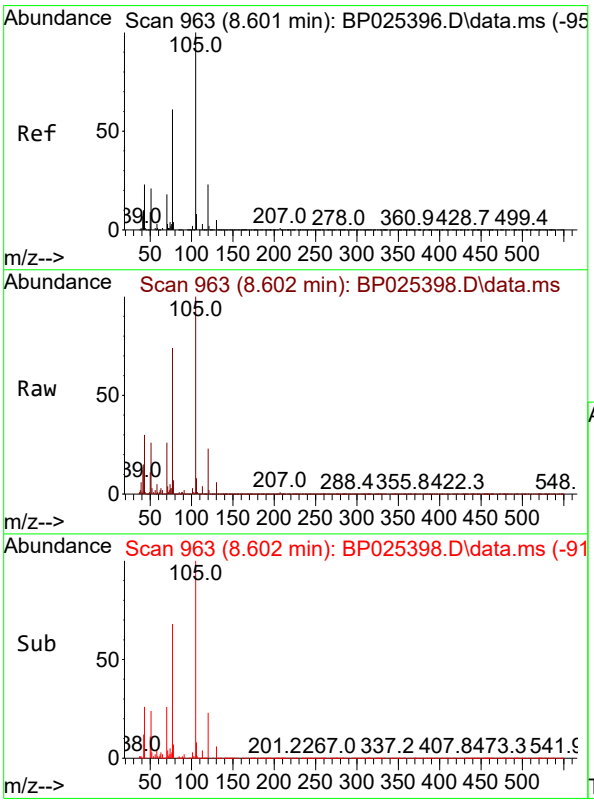
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 693237

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.6	6.0	9.0
68	5.7	4.3	6.5

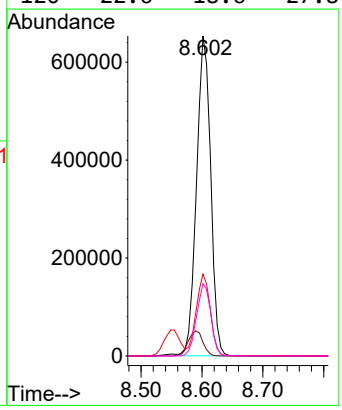


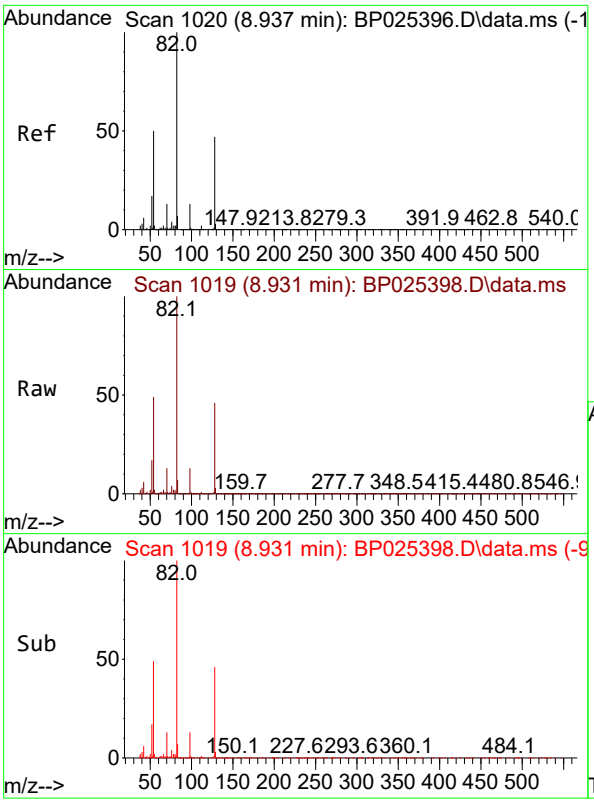


#22
Acetophenone
Concen: 60.503 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:105 Resp: 1051848

Ion	Ratio	Lower	Upper
105	100		
71	4.2	2.6	4.0#
51	25.5	20.6	30.8
120	22.6	18.6	27.8



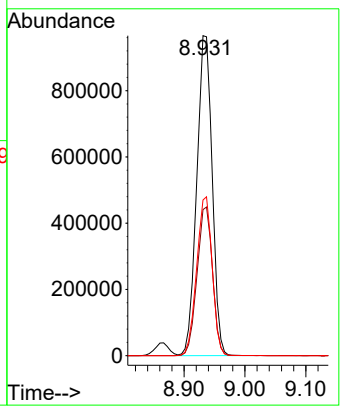


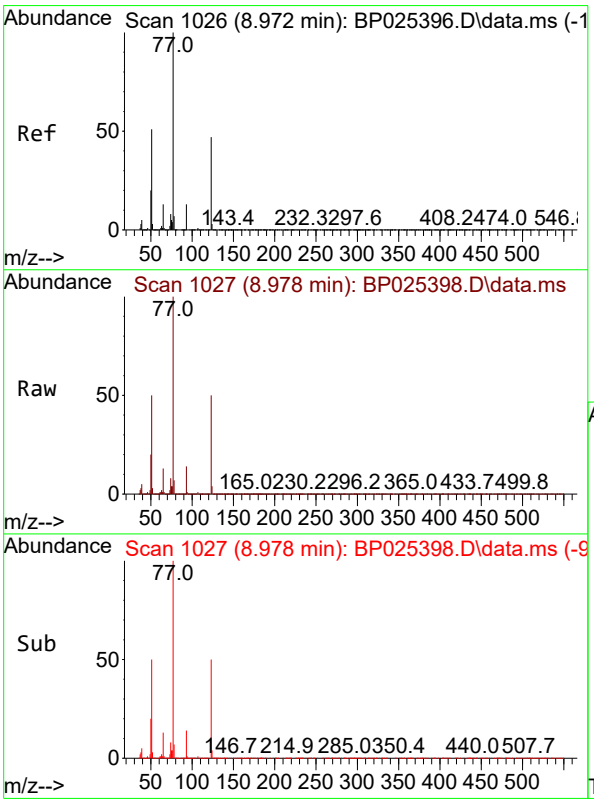
#23
Nitrobenzene-d5
Concen: 123.944 ng
RT: 8.931 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 1698557

Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.7	56.5
54	48.6	39.8	59.6

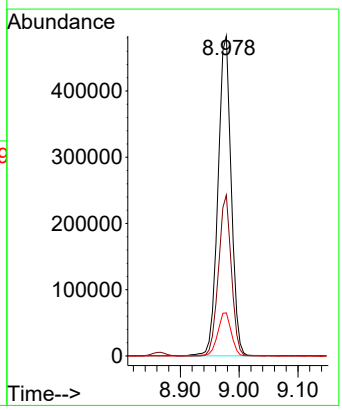


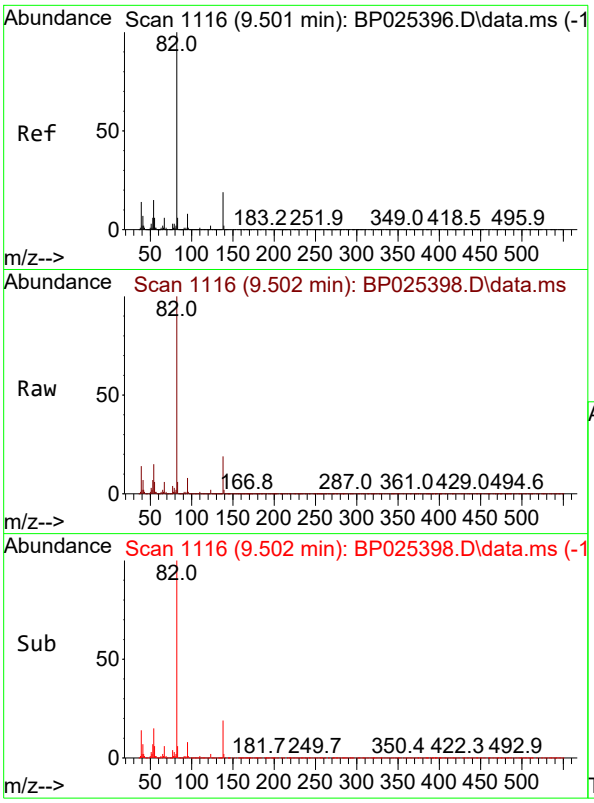


#24
Nitrobenzene
Concen: 61.461 ng
RT: 8.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 77 Resp: 752762

Ion	Ratio	Lower	Upper
77	100		
123	50.3	38.6	58.0
65	13.4	10.6	15.8



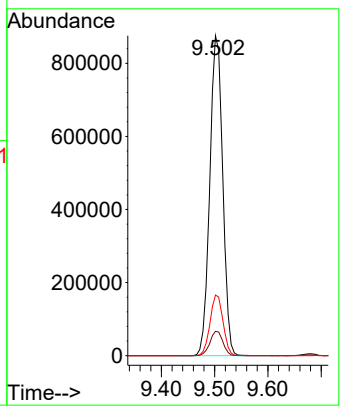


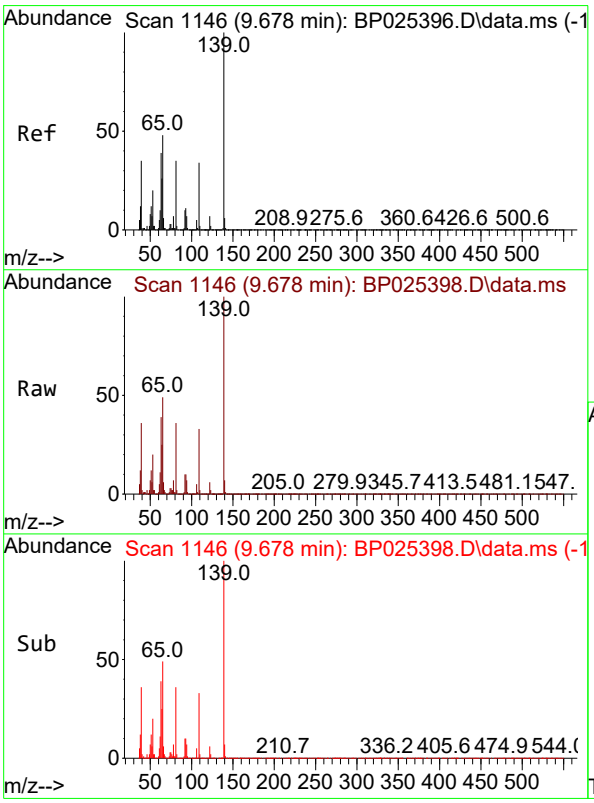
#25
Isophorone
Concen: 60.825 ng
RT: 9.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 1475193

Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.4	9.6
138	19.0	15.4	23.0

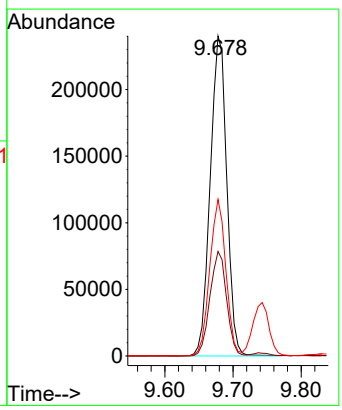


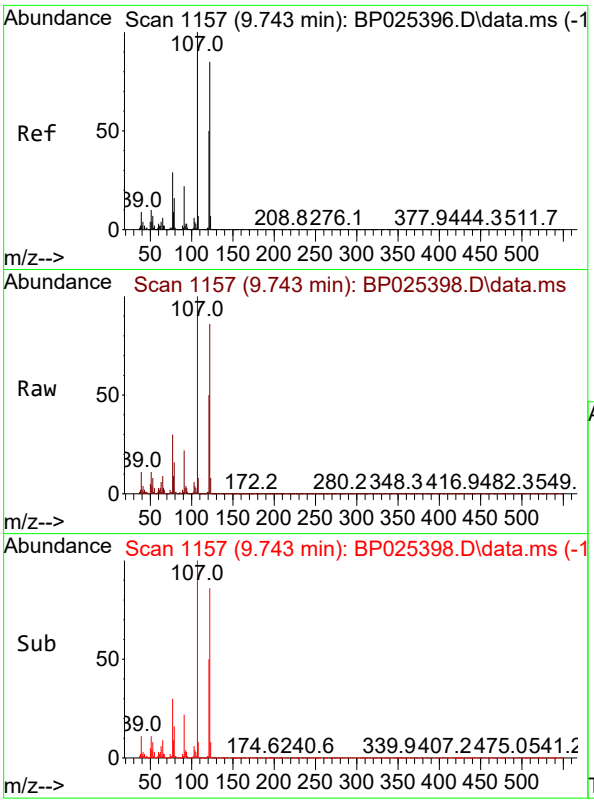


#26
2-Nitrophenol
Concen: 64.564 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:139 Resp: 405821

Ion	Ratio	Lower	Upper
139	100		
109	32.7	26.9	40.3
65	48.9	38.3	57.5



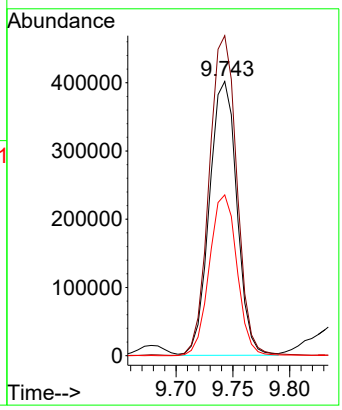


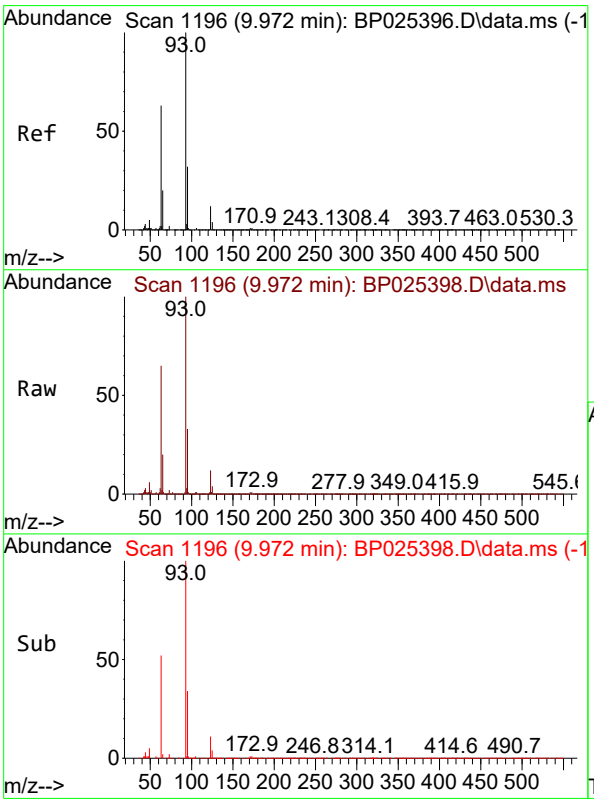
#27
2,4-Dimethylphenol
Concen: 62.463 ng
RT: 9.743 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 675186

Ion	Ratio	Lower	Upper
122	100		
107	116.7	93.7	140.5
121	58.6	46.6	69.8

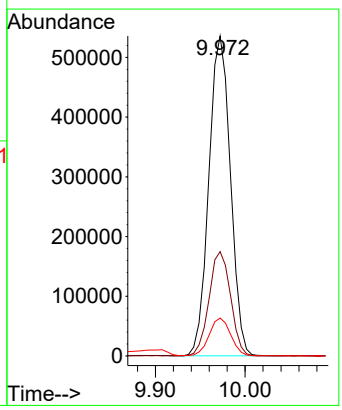


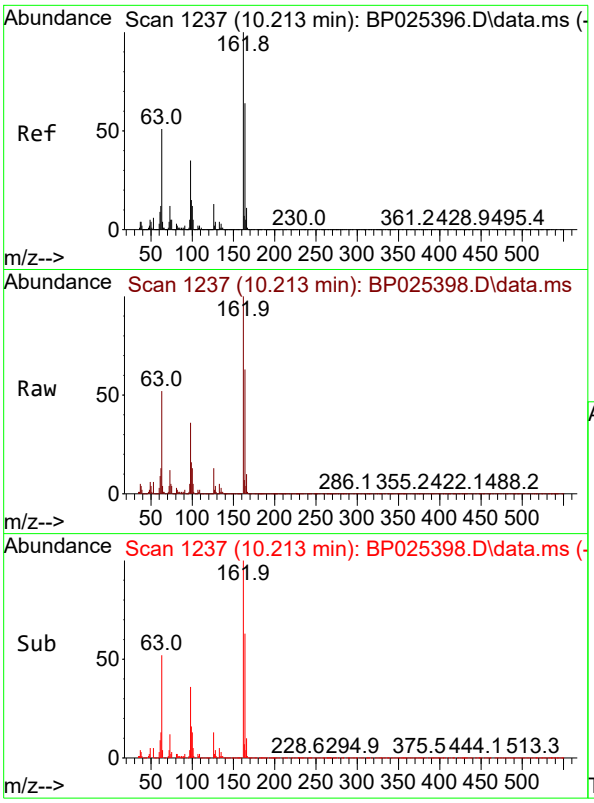


#28
bis(2-Chloroethoxy)methane
Concen: 61.040 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 93 Resp: 894872

Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.4	38.0
123	11.9	9.4	14.0



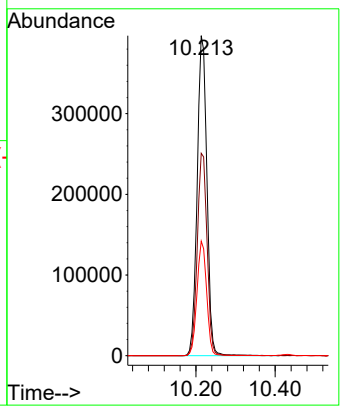


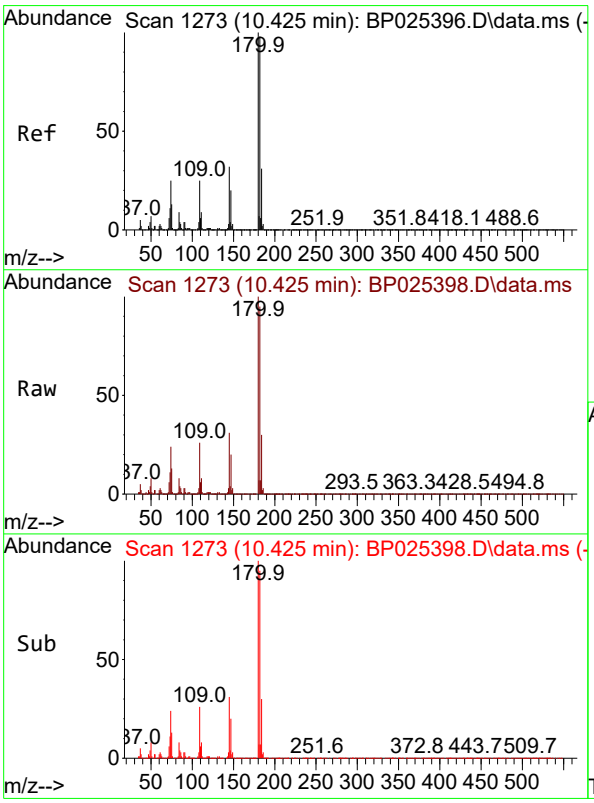
#29
2,4-Dichlorophenol
Concen: 62.764 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 673952

Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.4	84.4
98	35.8	14.9	54.9

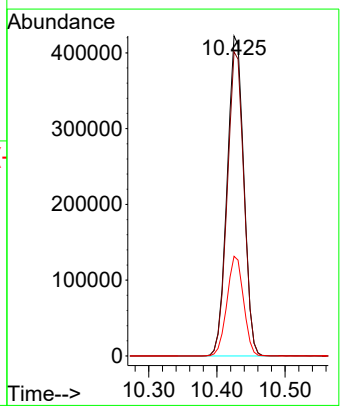


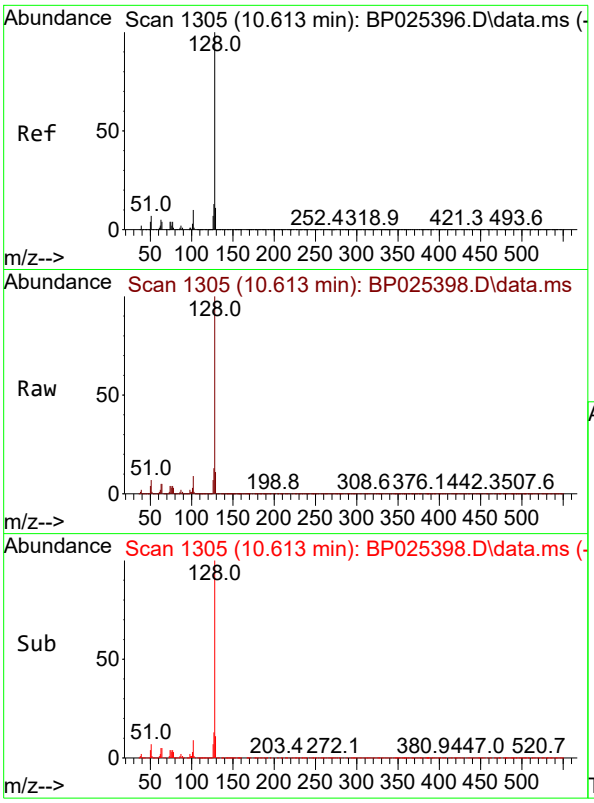


#30
1,2,4-Trichlorobenzene
Concen: 60.823 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:180 Resp: 715954

Ion	Ratio	Lower	Upper
180	100		
182	95.0	78.0	117.0
145	31.2	25.9	38.9



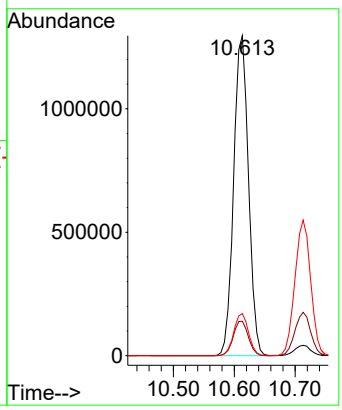


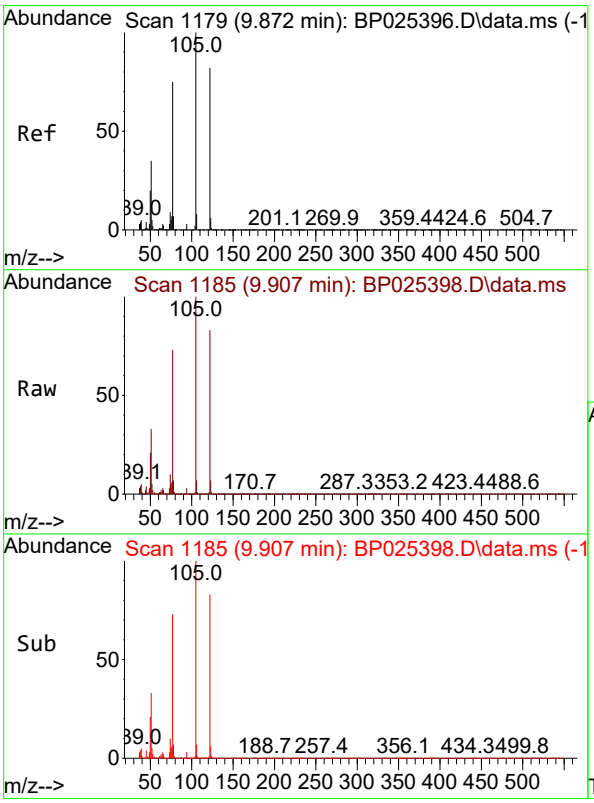
#31
Naphthalene
Concen: 60.722 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 2187912

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.2	10.7	16.1

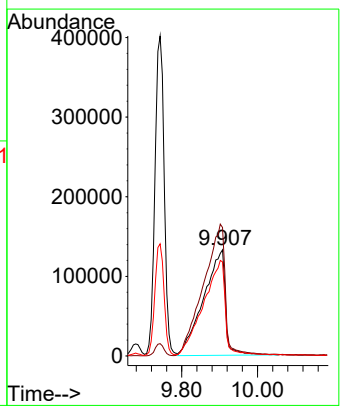


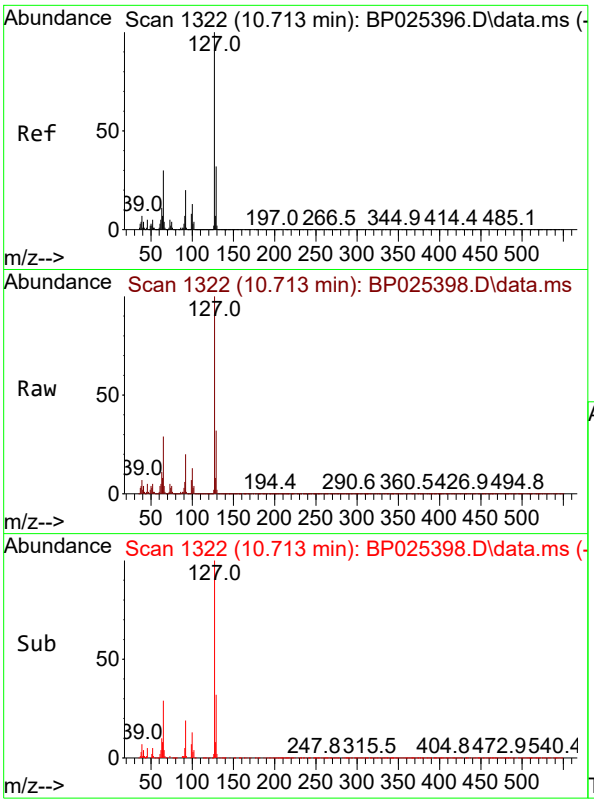


#32
Benzoic acid
Concen: 66.651 ng
RT: 9.907 min Scan# 1185
Delta R.T. 0.035 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:122 Resp: 530609

Ion	Ratio	Lower	Upper
122	100		
105	121.0	100.6	140.6
77	88.6	71.5	111.5



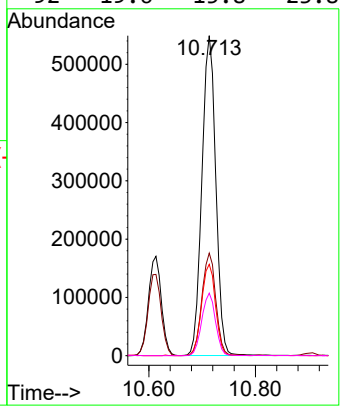


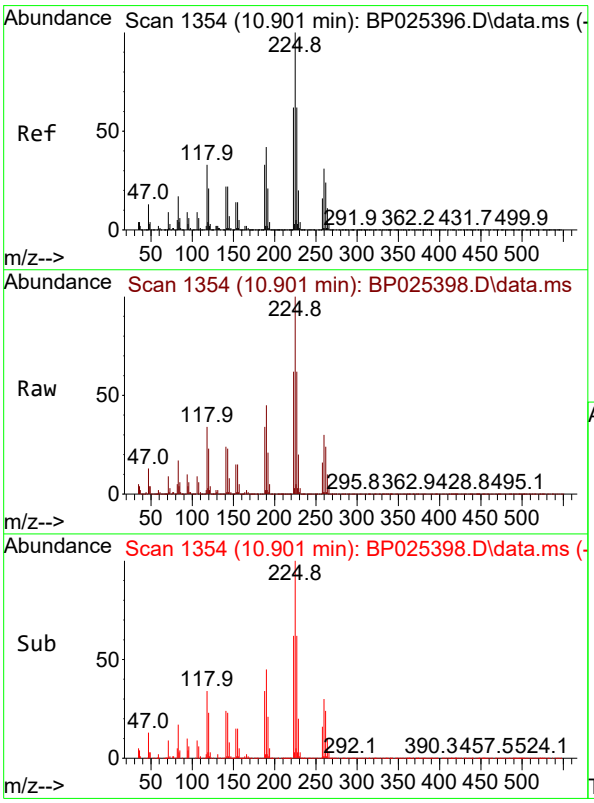
#33
4-Chloroaniline
Concen: 62.401 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 993155

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.4	38.2
65	28.5	23.8	35.6
92	19.6	15.8	23.8

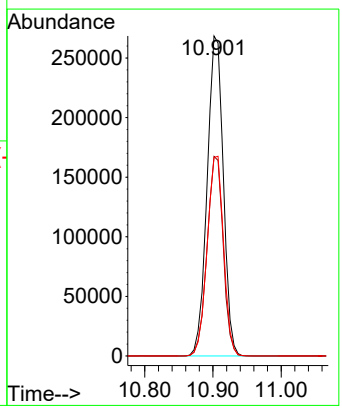


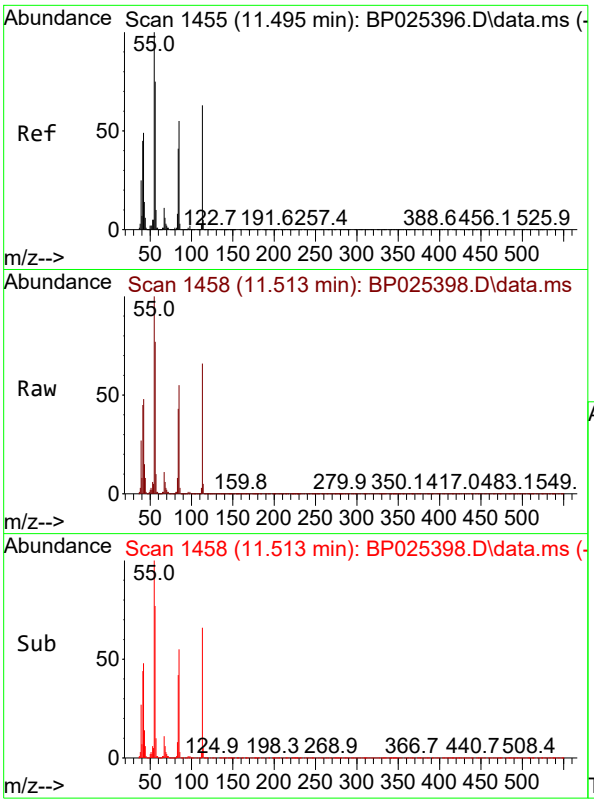


#34
Hexachlorobutadiene
Concen: 60.421 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:225 Resp: 442929

Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.0	75.0
227	62.1	49.7	74.5



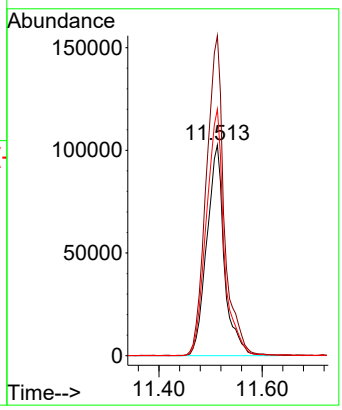


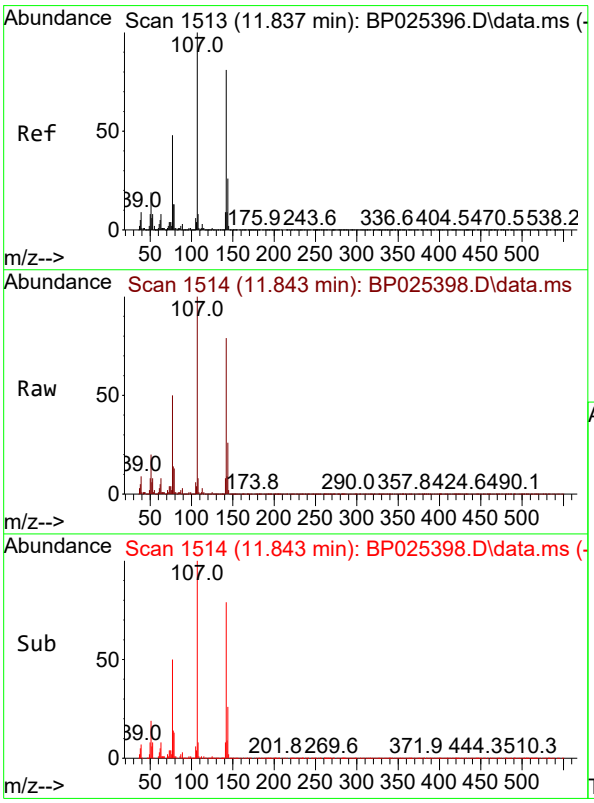
#35
Caprolactam
Concen: 61.340 ng
RT: 11.513 min Scan# 14
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 241521

Ion	Ratio	Lower	Upper
113	100		
55	151.8	140.0	180.0
56	117.0	100.0	140.0

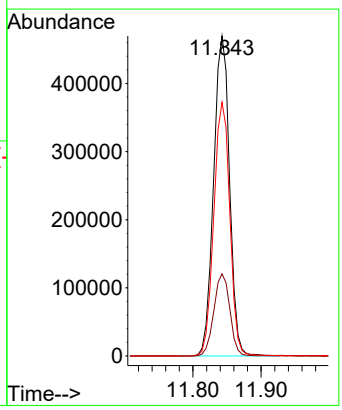


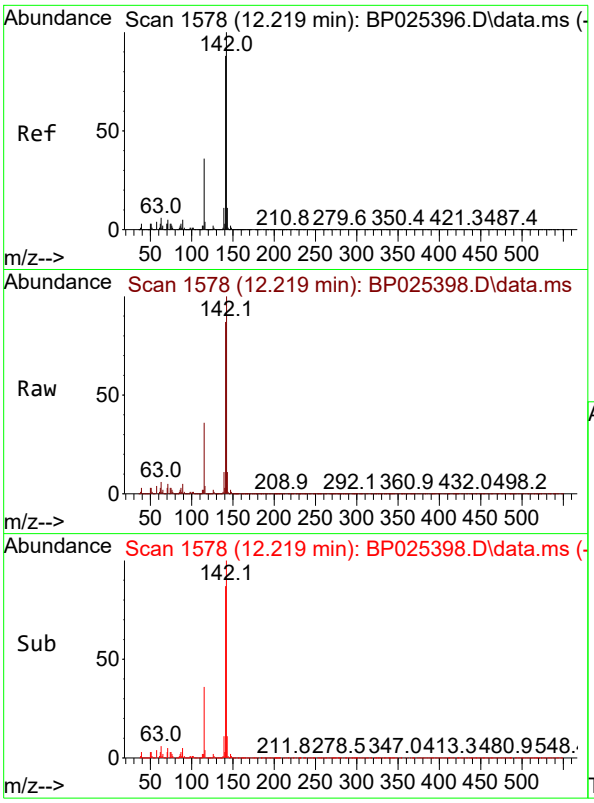


#36
4-Chloro-3-methylphenol
Concen: 62.033 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:107 Resp: 764338

Ion	Ratio	Lower	Upper
107	100		
144	25.7	21.0	31.4
142	79.2	64.6	97.0



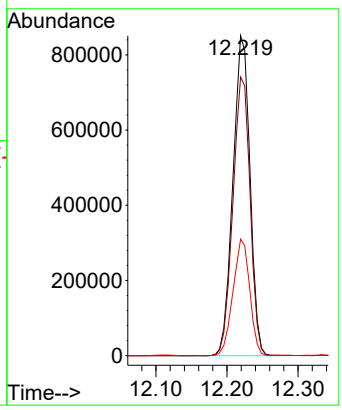


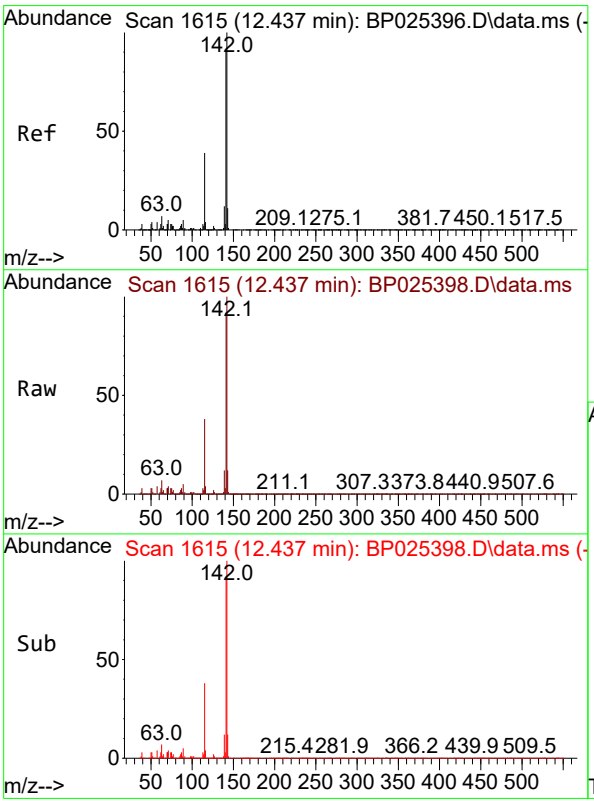
#37
2-Methylnaphthalene
Concen: 60.511 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 1418882

Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.3	105.5
115	36.5	28.9	43.3

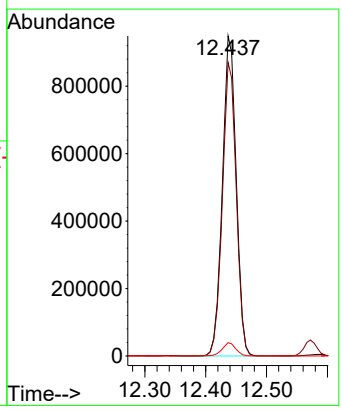


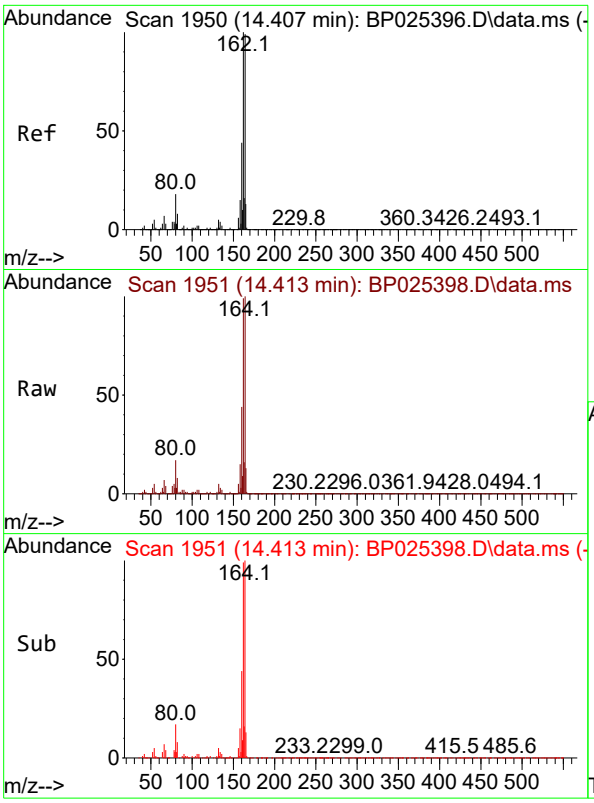


#38
1-Methylnaphthalene
Concen: 59.925 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:142 Resp: 1494304

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.1	109.7
116	4.1	3.2	4.8



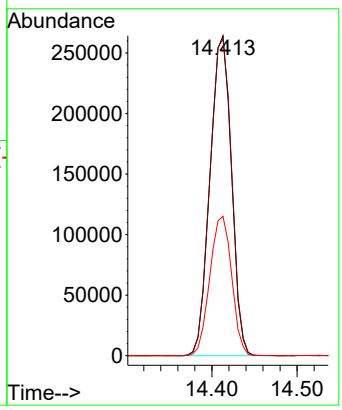


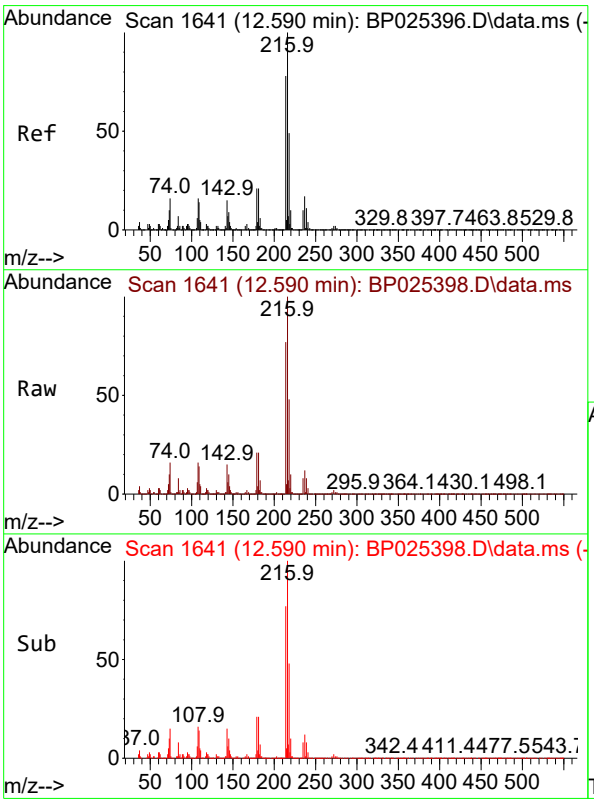
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 460439

Ion	Ratio	Lower	Upper
164	100		
162	99.0	81.0	121.6
160	43.6	35.4	53.2

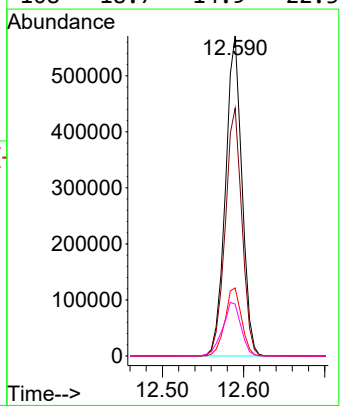


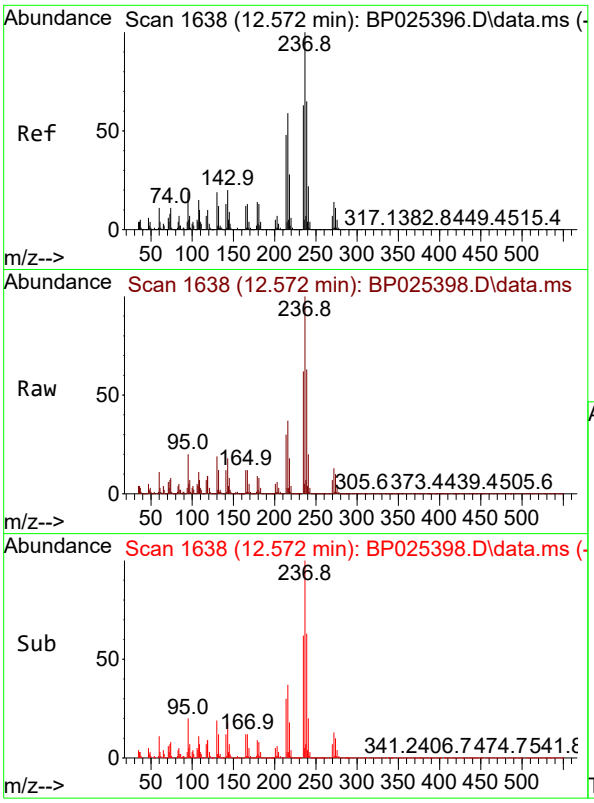


#40
1,2,4,5-Tetrachlorobenzene
Concen: 60.365 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:216 Resp: 802737

Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.4
179	21.6	17.1	25.7
108	18.7	14.9	22.3



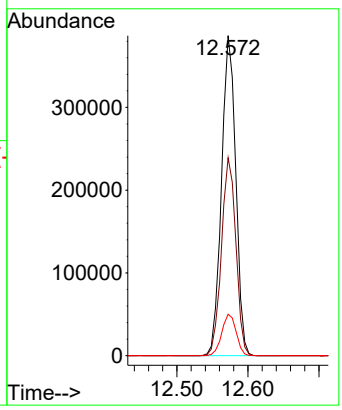


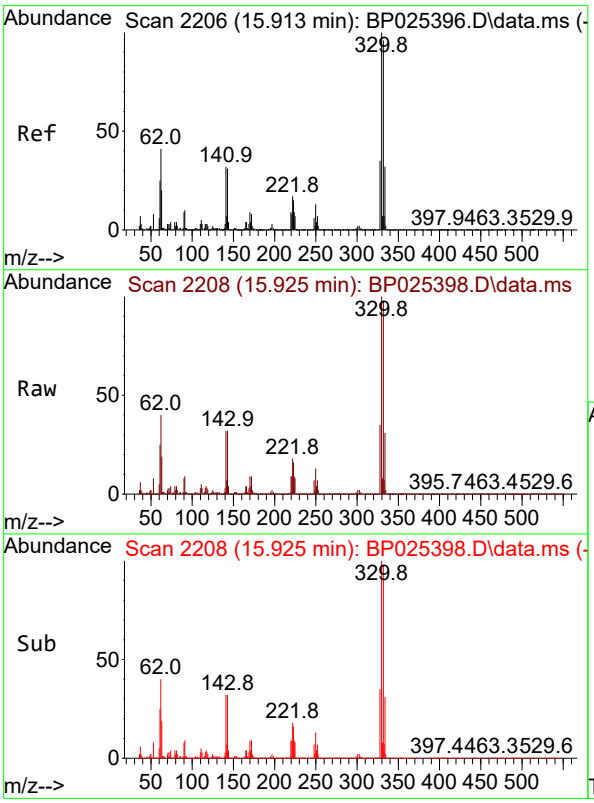
#41
Hexachlorocyclopentadiene
Concen: 66.784 ng
RT: 12.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 536440

Ion	Ratio	Lower	Upper
237	100		
235	61.9	42.7	82.7
272	13.0	0.0	34.0

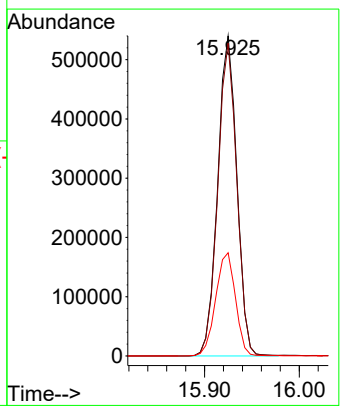


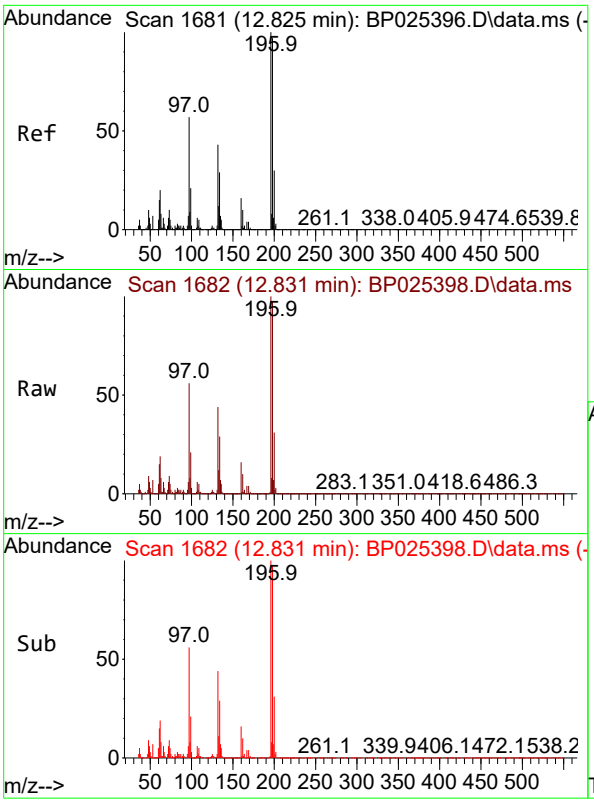


#42
2,4,6-Tribromophenol
Concen: 122.748 ng
RT: 15.925 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:330 Resp: 760738

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.3	115.9
141	33.3	26.6	39.8



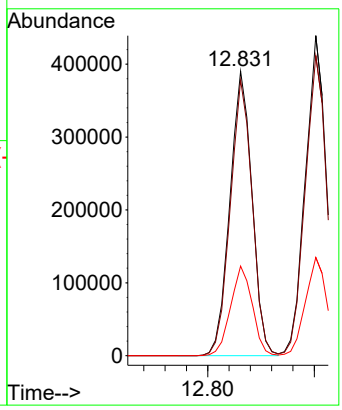


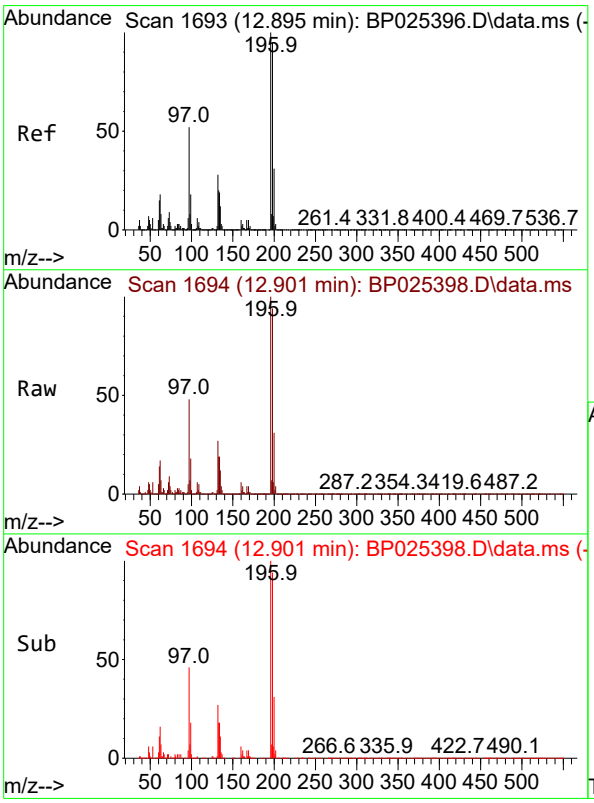
#43
2,4,6-Trichlorophenol
Concen: 62.841 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 564165

Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.2	115.8
200	31.5	23.9	35.9

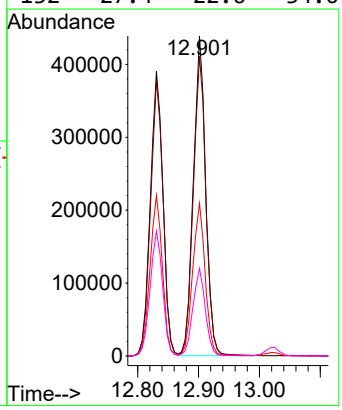


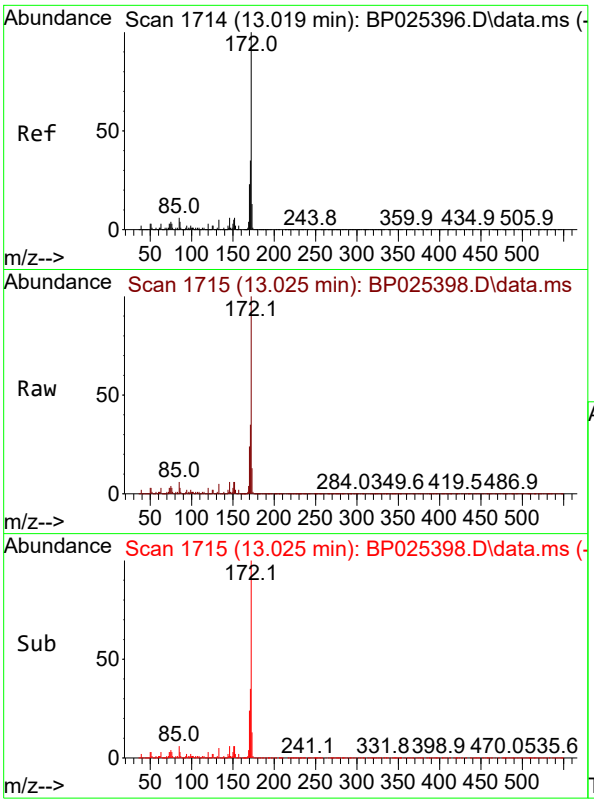


#44
2,4,5-Trichlorophenol
Concen: 62.937 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:196 Resp: 619246

Ion	Ratio	Lower	Upper
196	100		
198	93.8	76.2	114.2
97	47.7	41.2	61.8
132	27.4	22.6	34.0



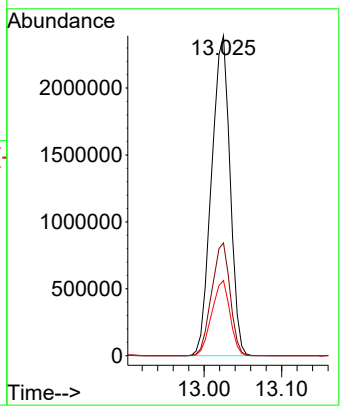


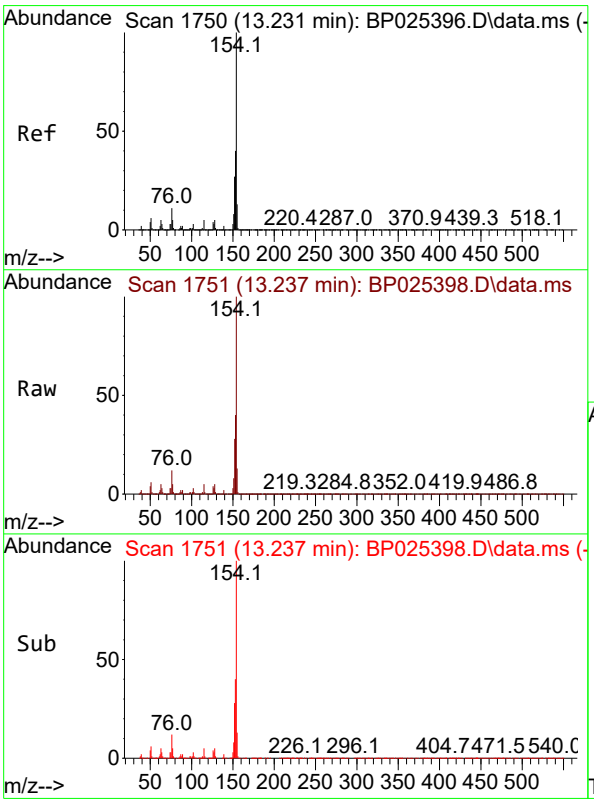
#45
2-Fluorobiphenyl
Concen: 117.656 ng
RT: 13.025 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 3963871

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.1	42.1
170	23.5	18.6	28.0

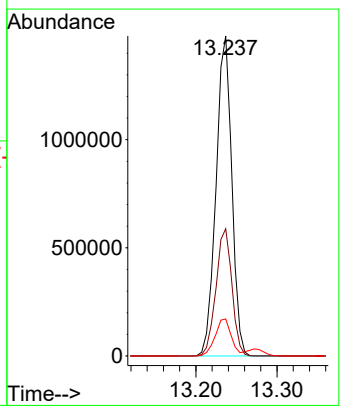


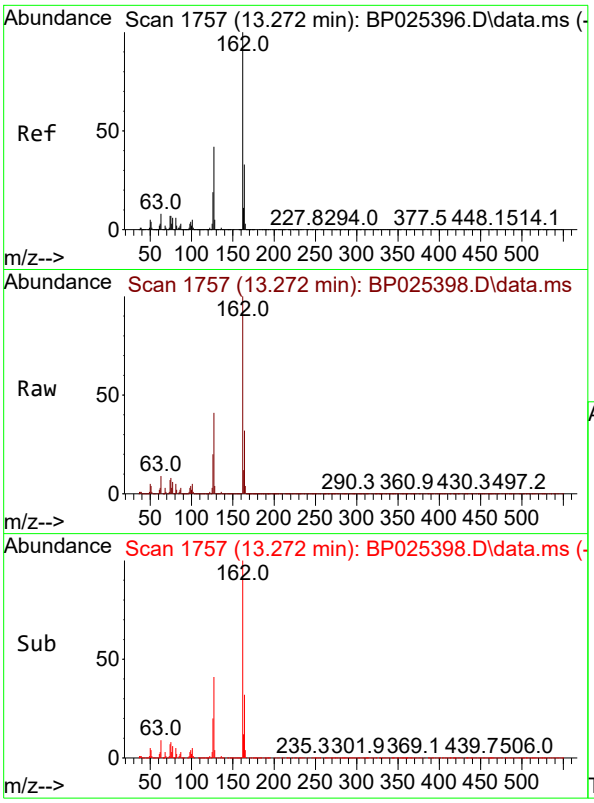


#46
1,1'-Biphenyl
Concen: 59.695 ng
RT: 13.237 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:154 Resp: 1996186

Ion	Ratio	Lower	Upper
154	100		
153	39.8	19.5	59.5
76	11.6	0.0	31.1



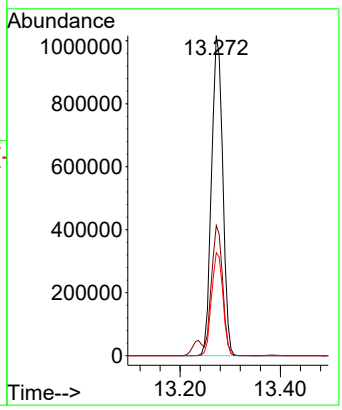


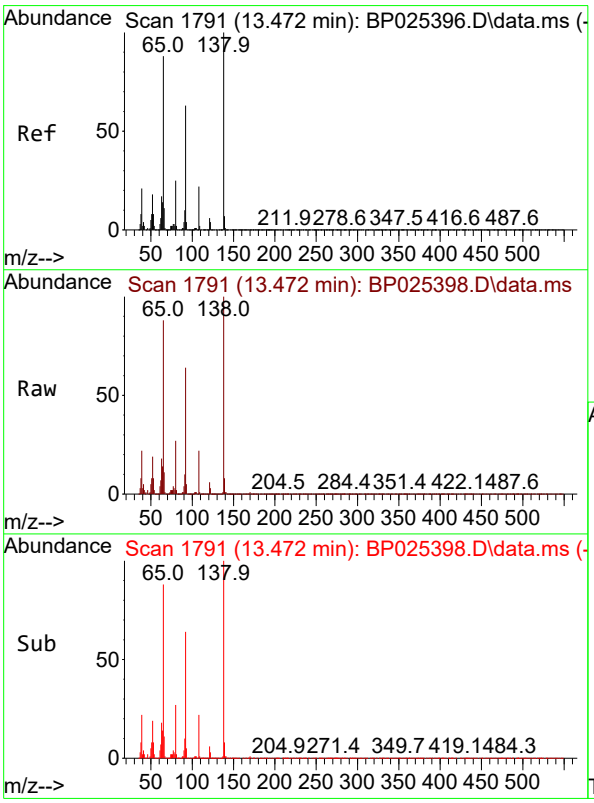
#47
2-Chloronaphthalene
Concen: 60.600 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 1577577

Ion	Ratio	Lower	Upper
162	100		
127	40.7	33.4	50.2
164	32.2	26.2	39.2

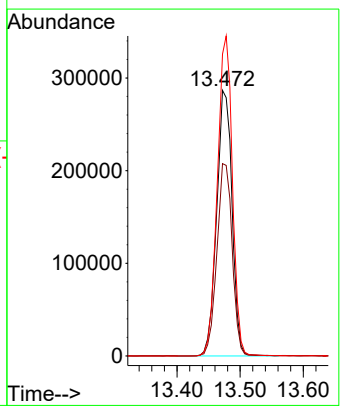


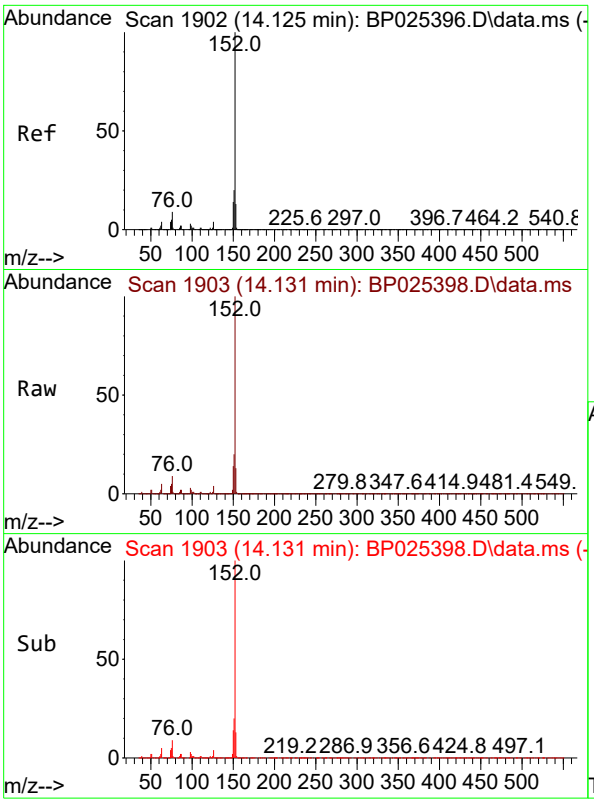


#48
2-Nitroaniline
Concen: 63.996 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 65 Resp: 485429

Ion	Ratio	Lower	Upper
65	100		
92	72.4	57.6	86.4
138	113.7	91.0	136.6



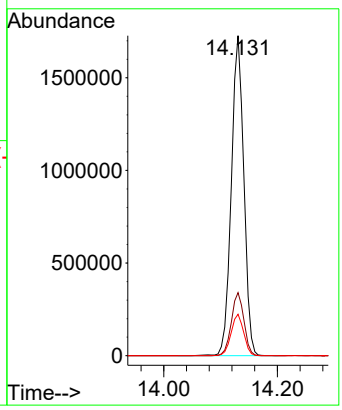


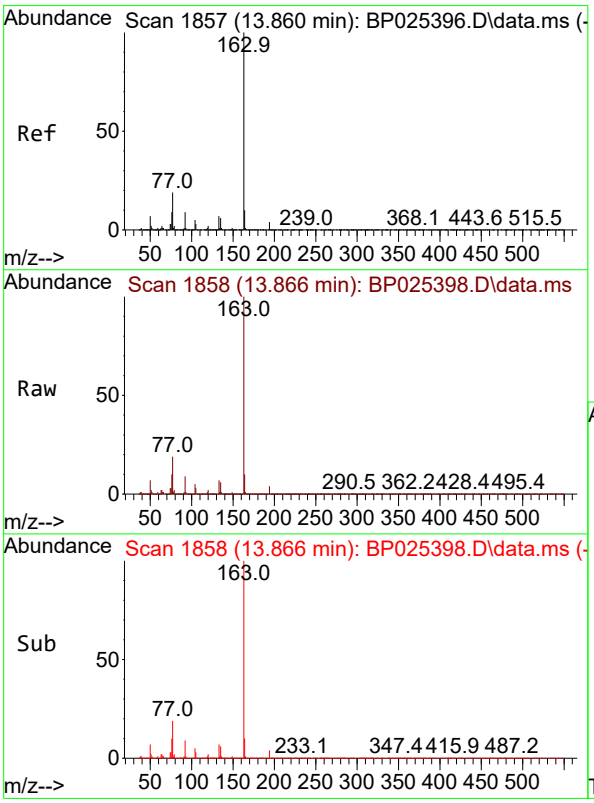
#49
Acenaphthylene
Concen: 61.147 ng
RT: 14.131 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 2634005

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	13.0	10.6	15.8

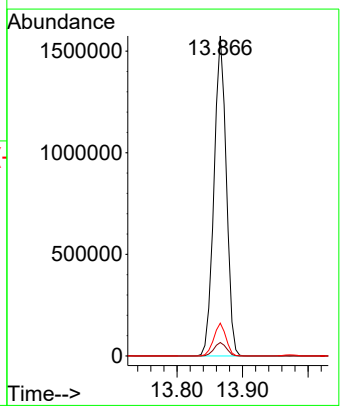


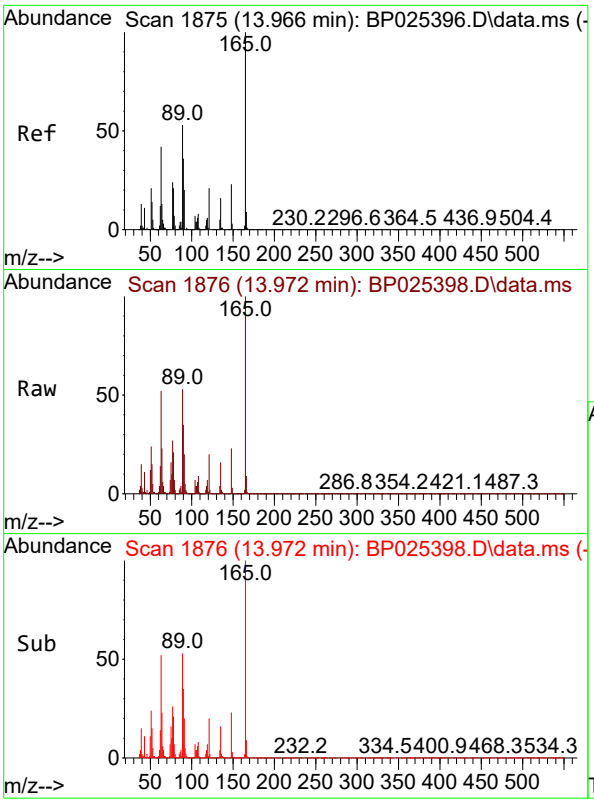


#50
Dimethylphthalate
Concen: 60.572 ng
RT: 13.866 min Scan# 1858
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:163 Resp: 2042324

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.3	7.9	11.9



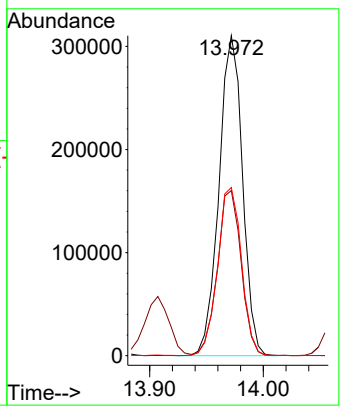


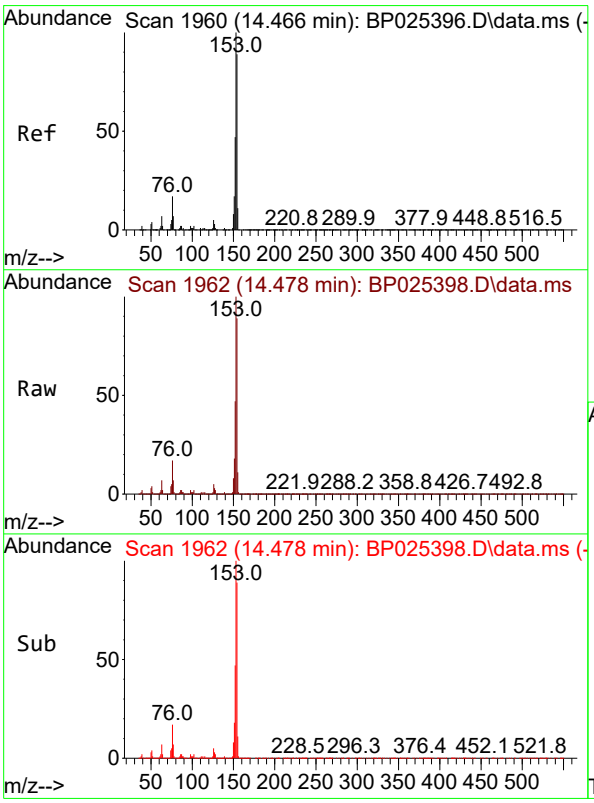
#51
2,6-Dinitrotoluene
Concen: 62.831 ng
RT: 13.972 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 446520

Ion	Ratio	Lower	Upper
165	100		
63	51.6	40.9	61.3
89	52.5	42.1	63.1

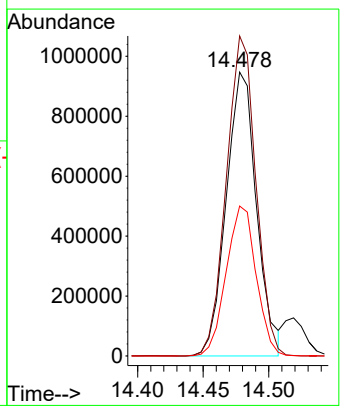


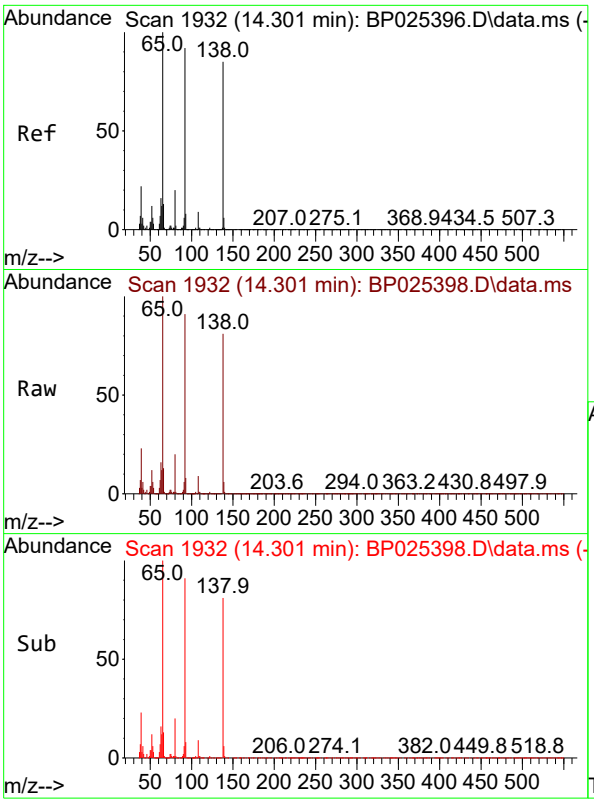


#52
Acenaphthene
Concen: 60.399 ng
RT: 14.478 min Scan# 1962
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:154 Resp: 1527191

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.2	135.2
152	52.8	42.1	63.1



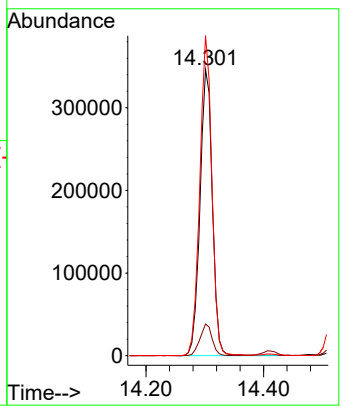


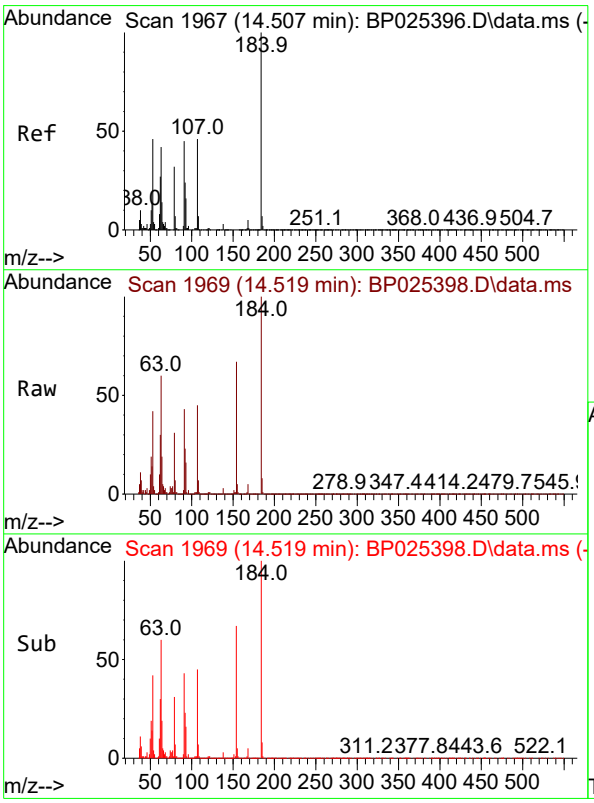
#53
3-Nitroaniline
Concen: 63.331 ng
RT: 14.301 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 506373

Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.3	12.5
92	111.9	86.2	129.2

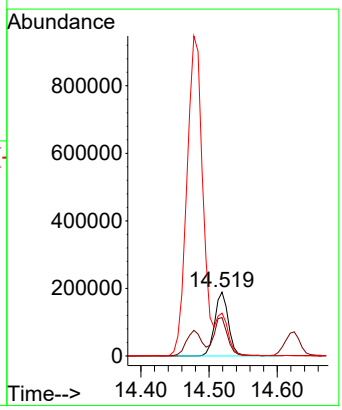


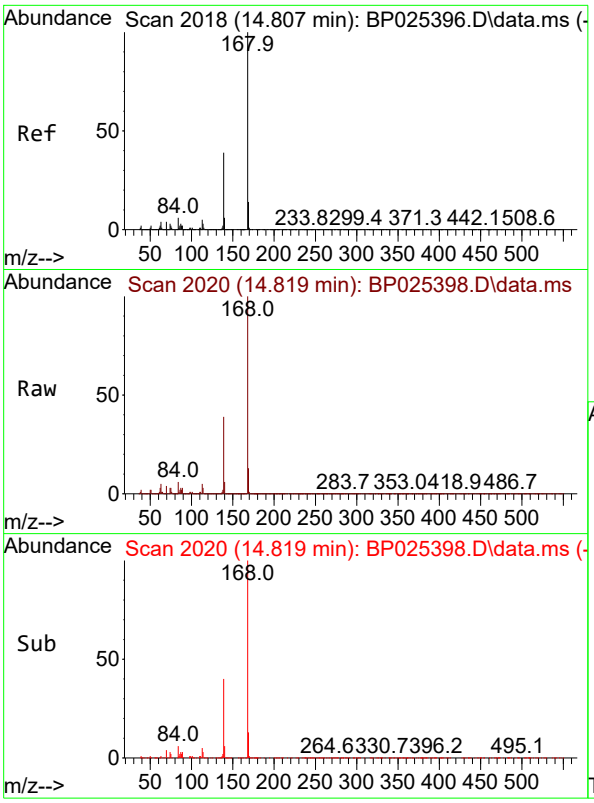


#54
2,4-Dinitrophenol
Concen: 69.849 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:184 Resp: 265089

Ion	Ratio	Lower	Upper
184	100		
63	60.1	49.4	74.2
154	67.3	54.6	82.0



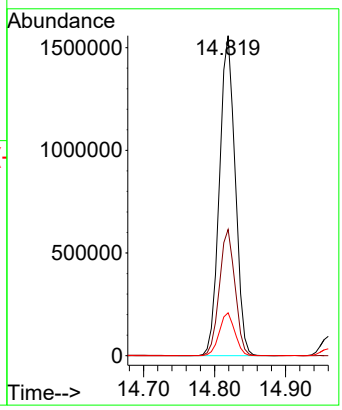


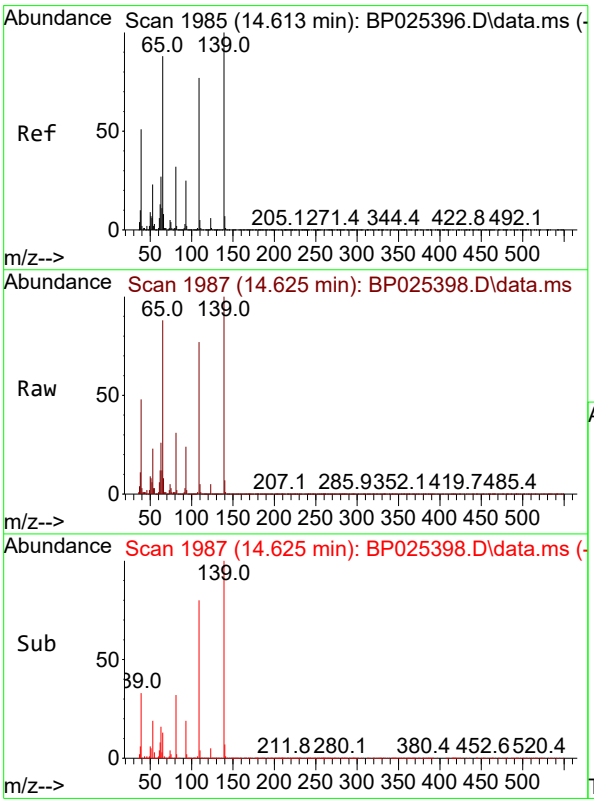
#55
Dibenzofuran
Concen: 59.734 ng
RT: 14.819 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 2387933

Ion	Ratio	Lower	Upper
168	100		
139	39.5	31.5	47.3
169	13.4	10.9	16.3

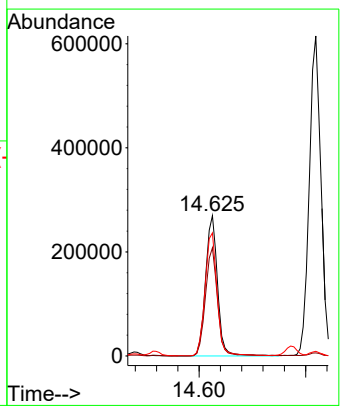


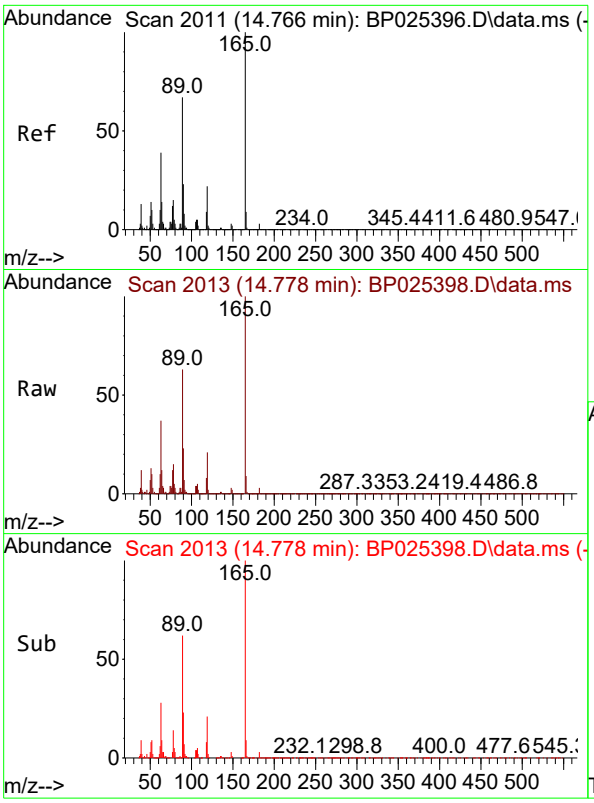


#56
4-Nitrophenol
Concen: 63.893 ng
RT: 14.625 min Scan# 1987
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:139 Resp: 419801

Ion	Ratio	Lower	Upper
139	100		
109	77.0	56.6	96.6
65	87.6	68.2	108.2



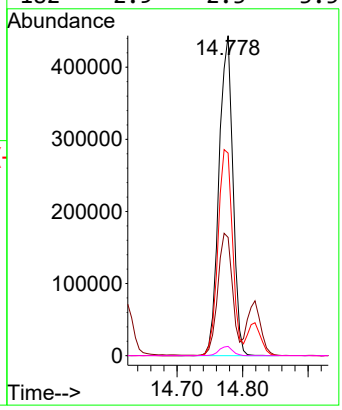


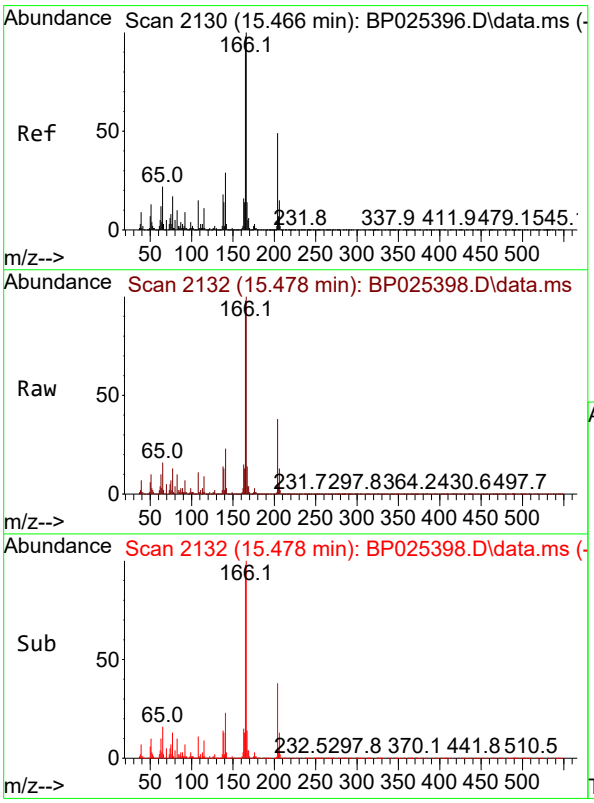
#57
2,4-Dinitrotoluene
Concen: 64.112 ng
RT: 14.778 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 650054

Ion	Ratio	Lower	Upper
165	100		
63	37.0	31.4	47.2
89	63.3	53.3	79.9
182	2.9	2.3	3.5

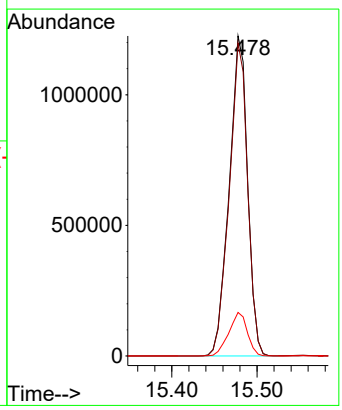


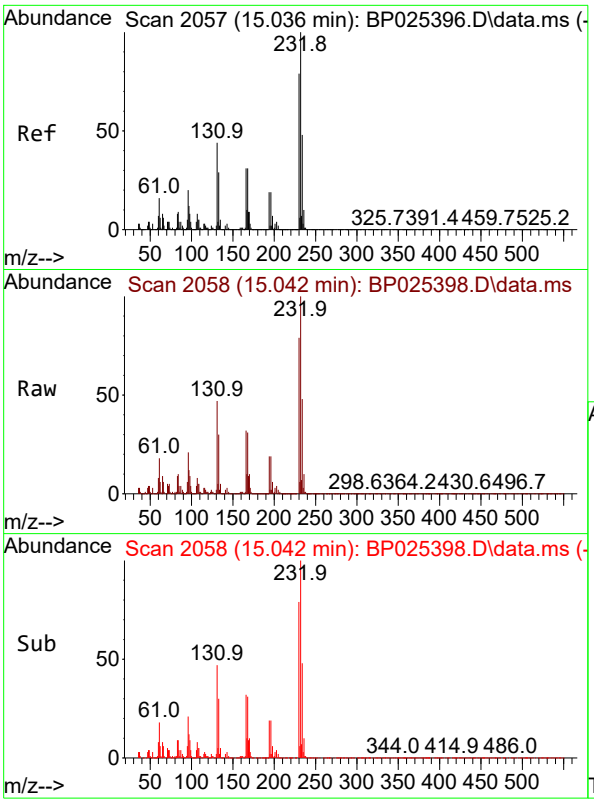


#58
Fluorene
Concen: 58.236 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:166 Resp: 1836972

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.8	118.2
167	13.6	11.0	16.4



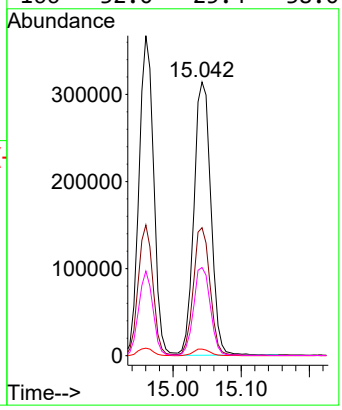


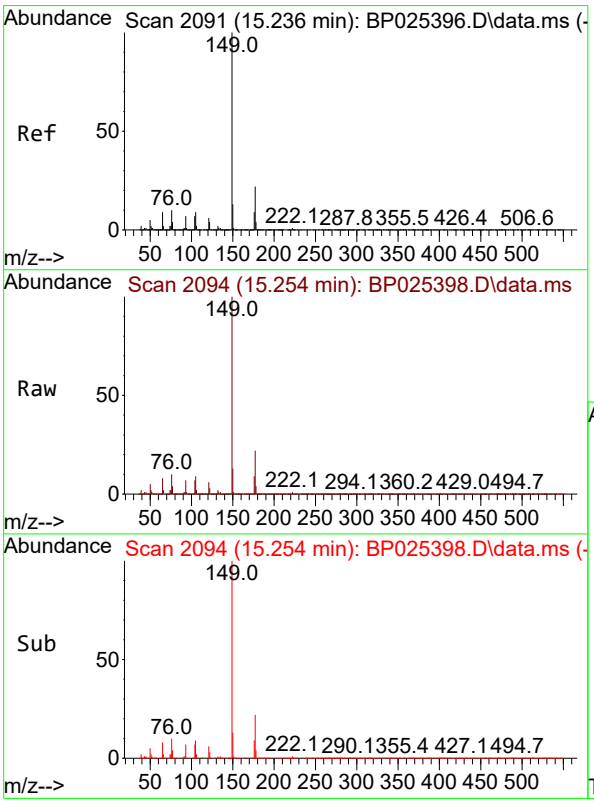
#59
2,3,4,6-Tetrachlorophenol
Concen: 62.307 ng
RT: 15.042 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 541317

Ion	Ratio	Lower	Upper
232	100		
131	46.2	37.0	55.6
130	2.4	1.9	2.9
166	32.0	25.4	38.0

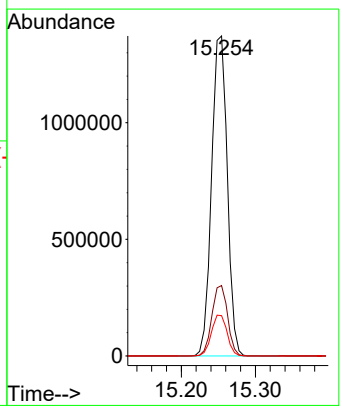


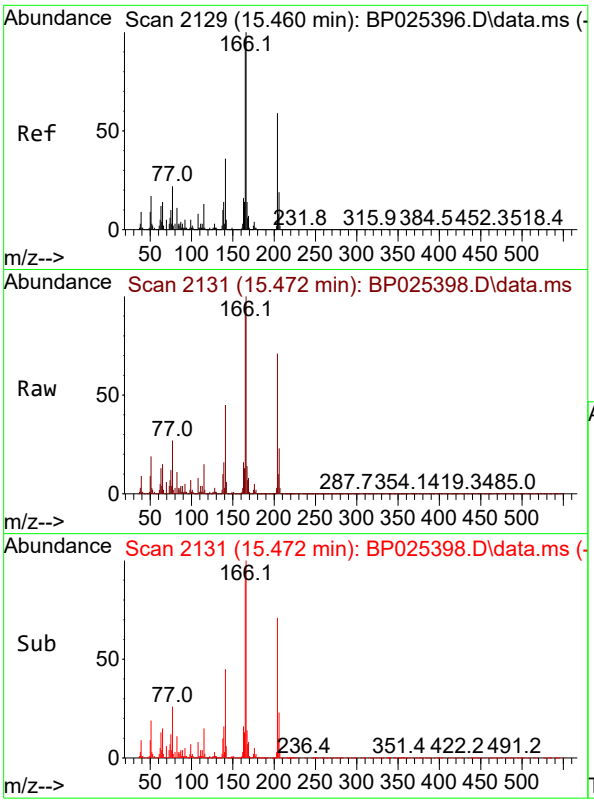


#60
Diethylphthalate
Concen: 58.840 ng
RT: 15.254 min Scan# 2094
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:149 Resp: 2015888

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.3	25.9
150	12.6	10.3	15.5



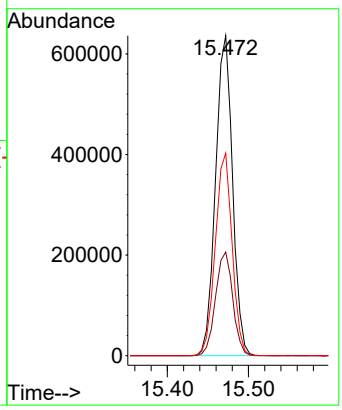


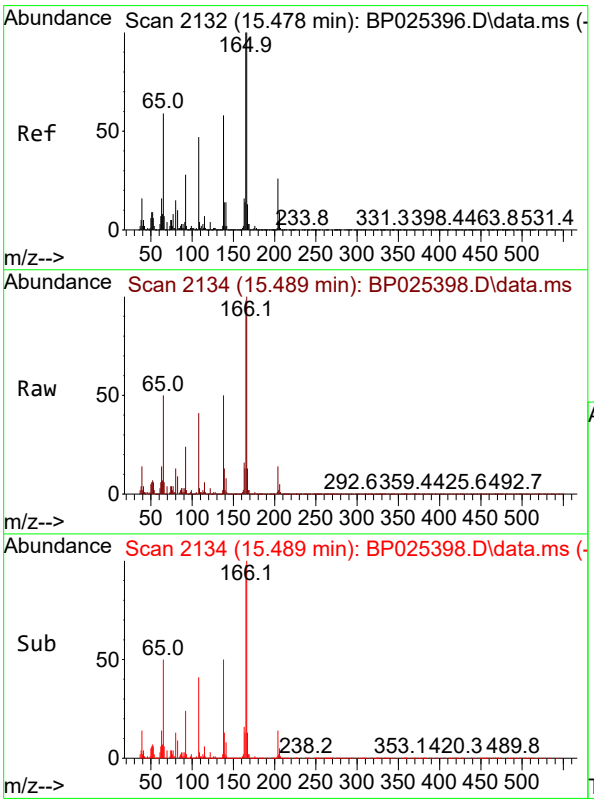
#61
4-Chlorophenyl-phenylether
Concen: 59.044 ng
RT: 15.472 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 926280

Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.8	38.8
141	63.3	49.4	74.2

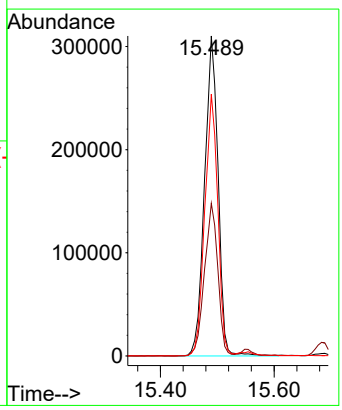


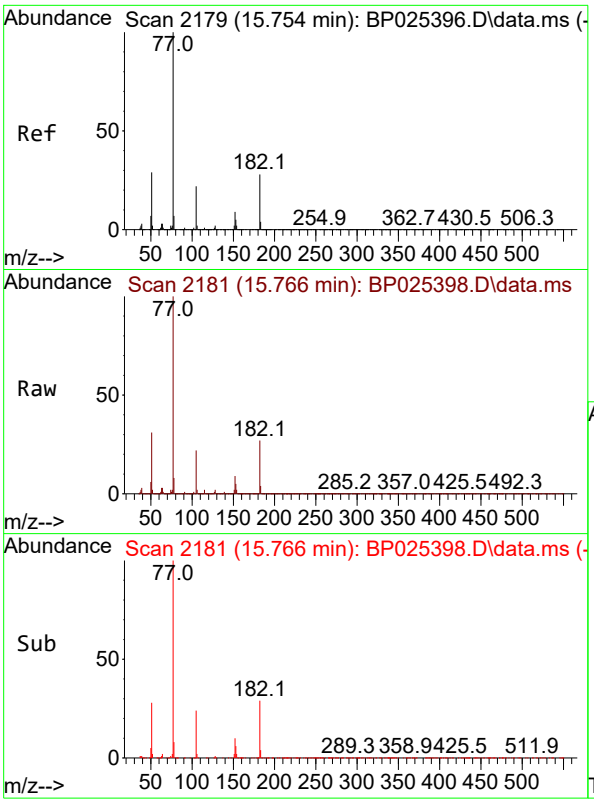


#62
4-Nitroaniline
Concen: 62.272 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:138 Resp: 510438

Ion	Ratio	Lower	Upper
138	100		
92	47.7	29.1	69.1
108	81.8	61.5	101.5



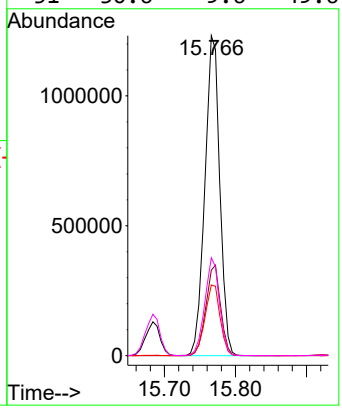


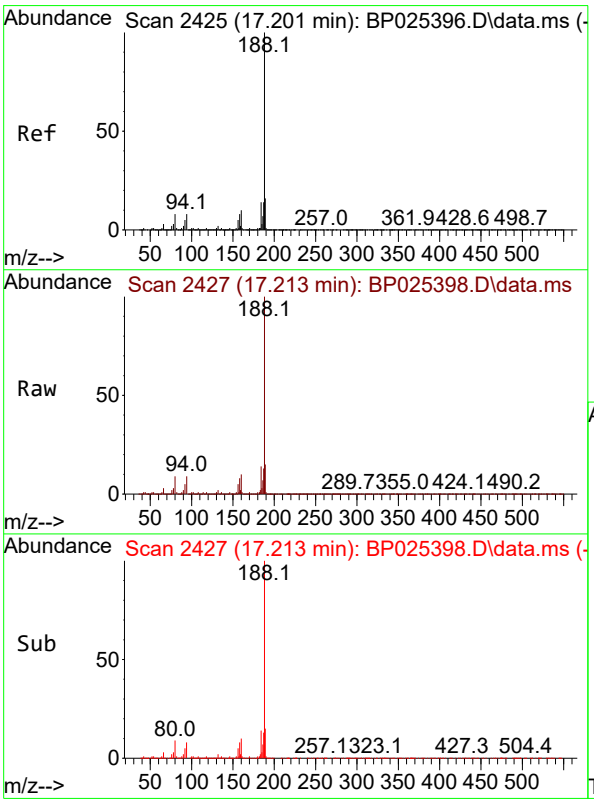
#63
Azobenzene
Concen: 61.242 ng
RT: 15.766 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

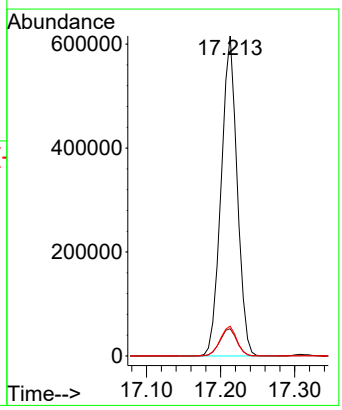


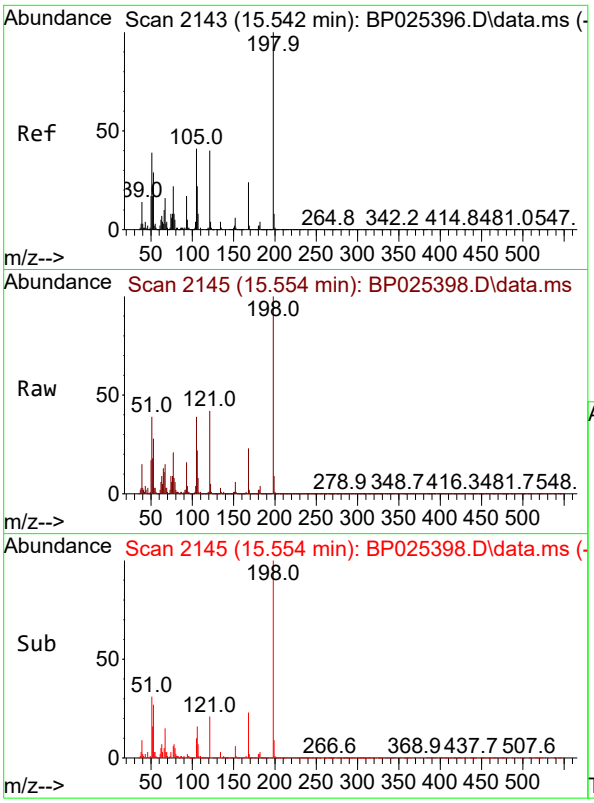


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



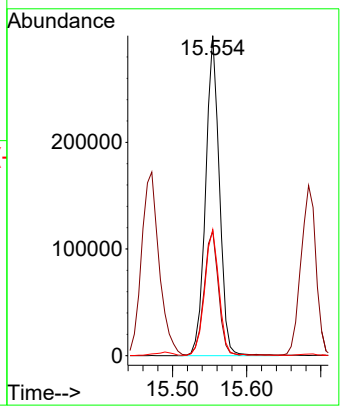


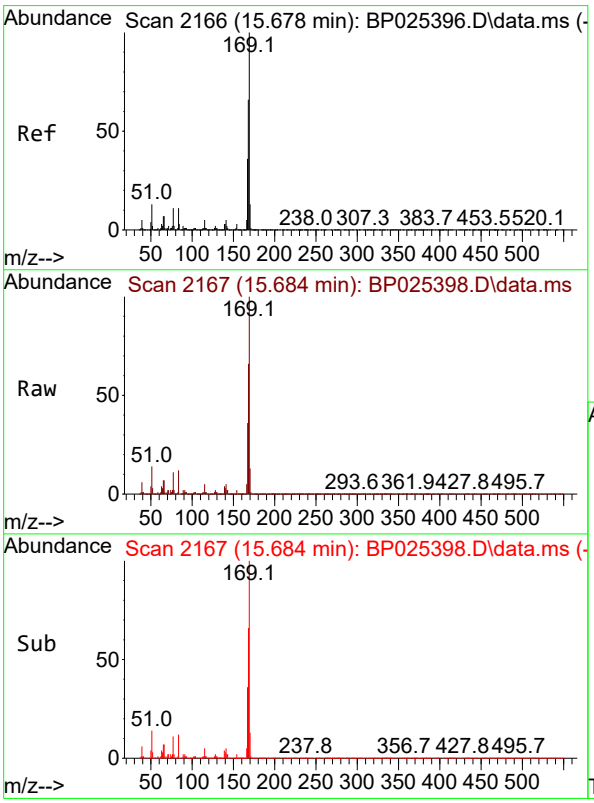
#65
4,6-Dinitro-2-methylphenol
Concen: 67.038 ng
RT: 15.554 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

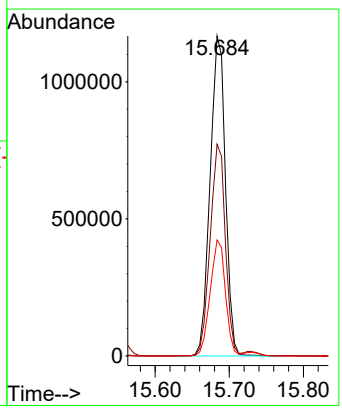


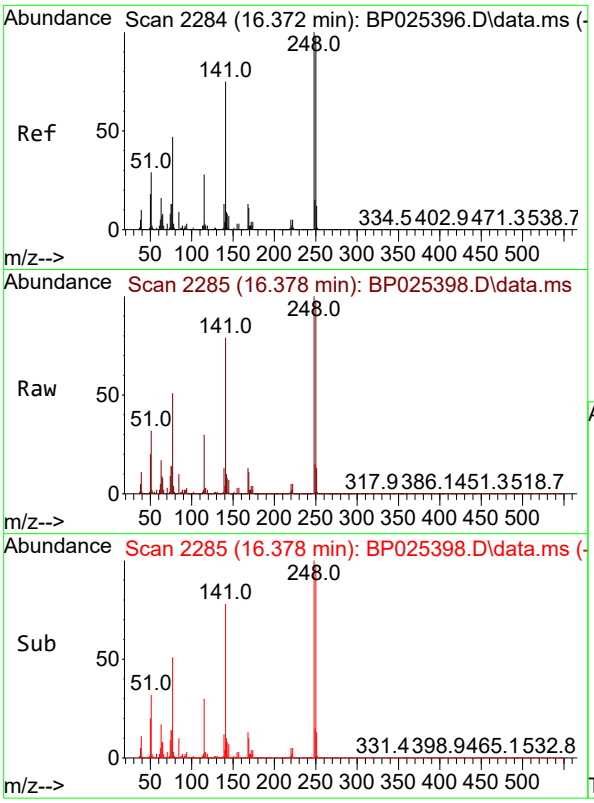


#66
n-Nitrosodiphenylamine
Concen: 59.478 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



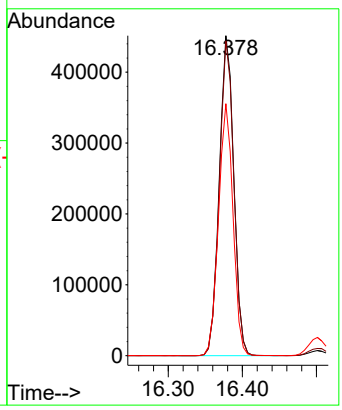


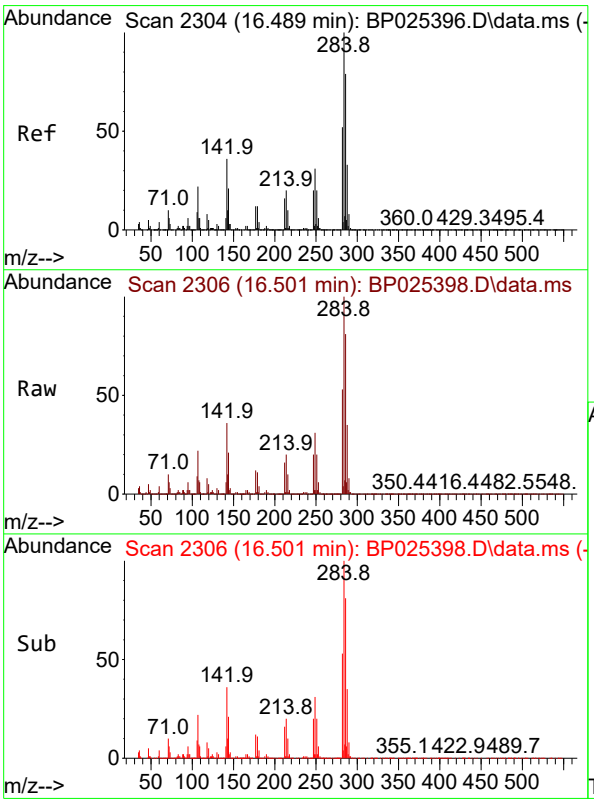
#67
4-Bromophenyl-phenylether
Concen: 60.731 ng
RT: 16.378 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

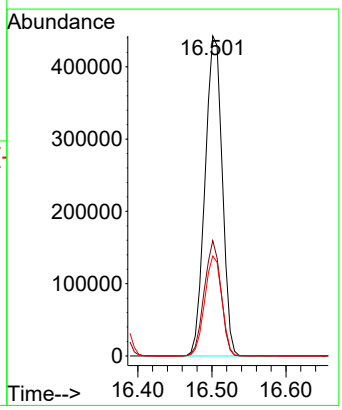


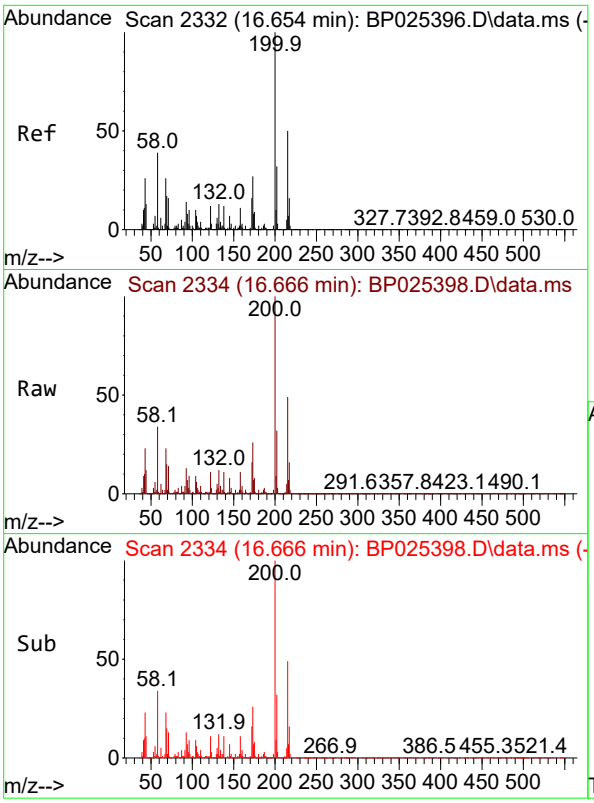


#68
Hexachlorobenzene
Concen: 60.461 ng
RT: 16.501 min Scan# 2306
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



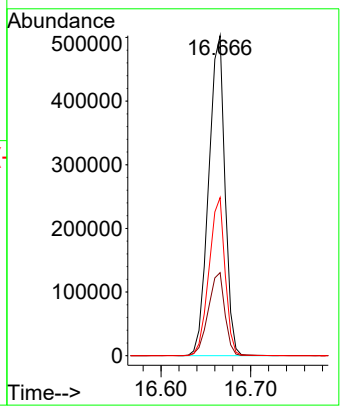


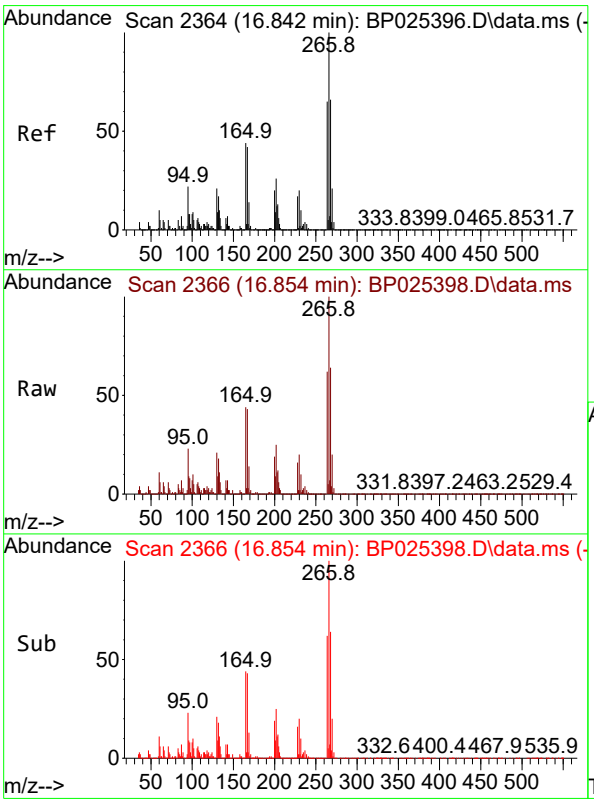
#69
Atrazine
Concen: 60.063 ng
RT: 16.666 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

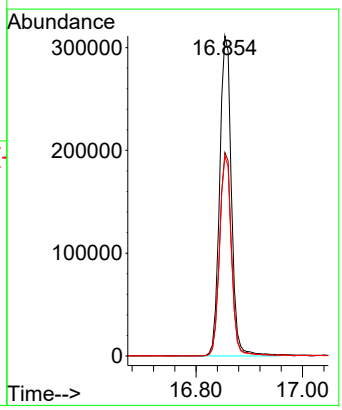


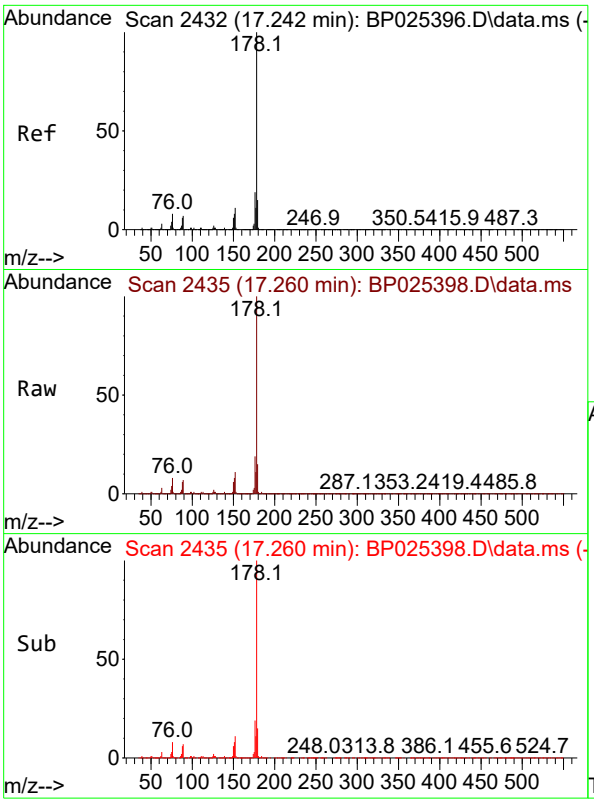


#70
Pentachlorophenol
Concen: 63.820 ng
RT: 16.854 min Scan# 2366
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



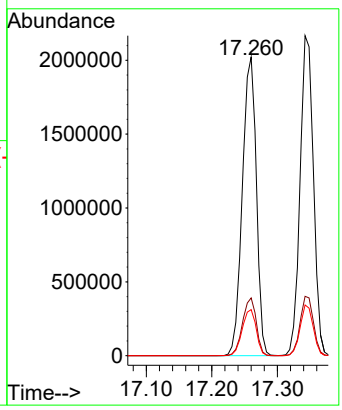


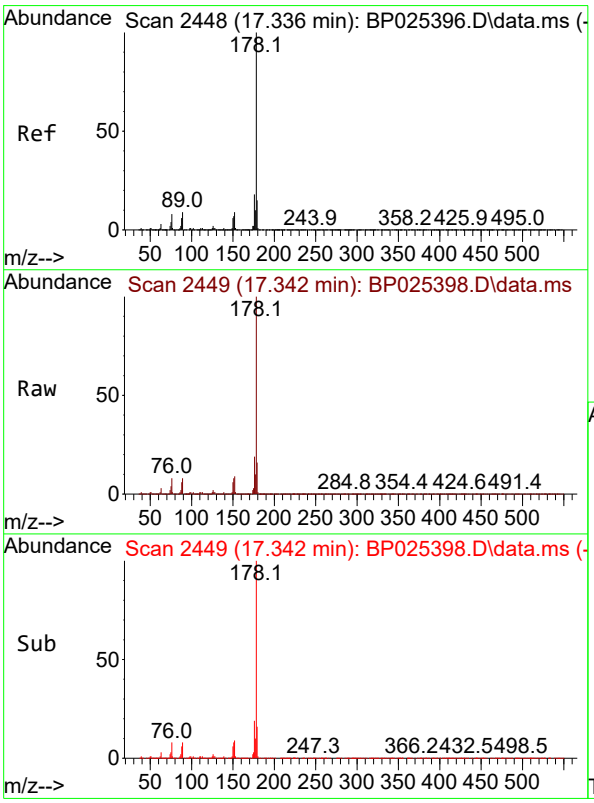
#71
Phenanthrene
Concen: 59.263 ng
RT: 17.260 min Scan# 24
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

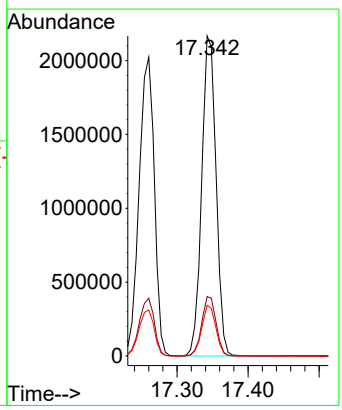


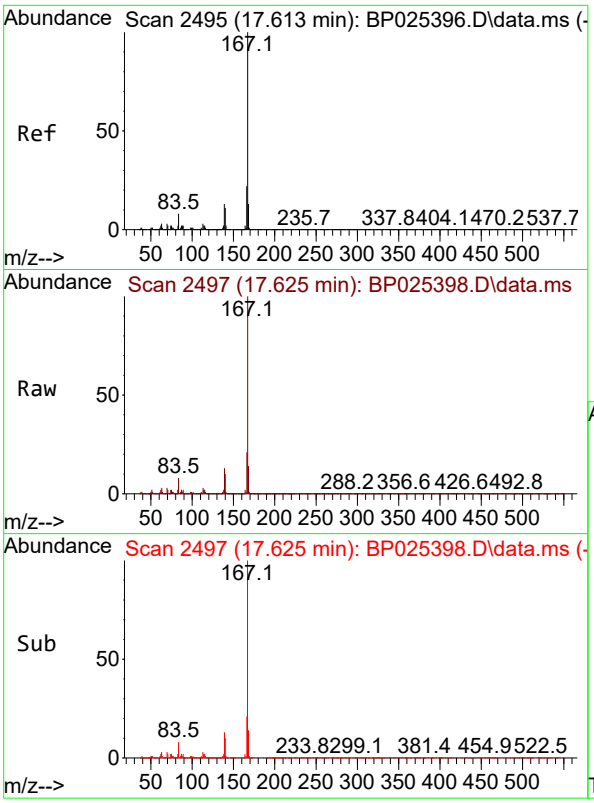


#72
Anthracene
Concen: 58.895 ng
RT: 17.342 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



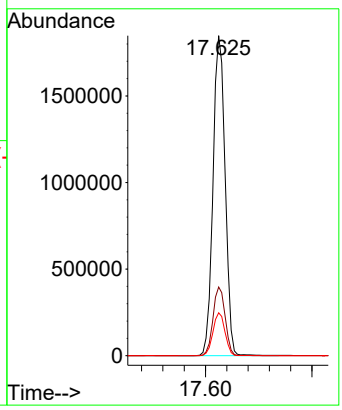


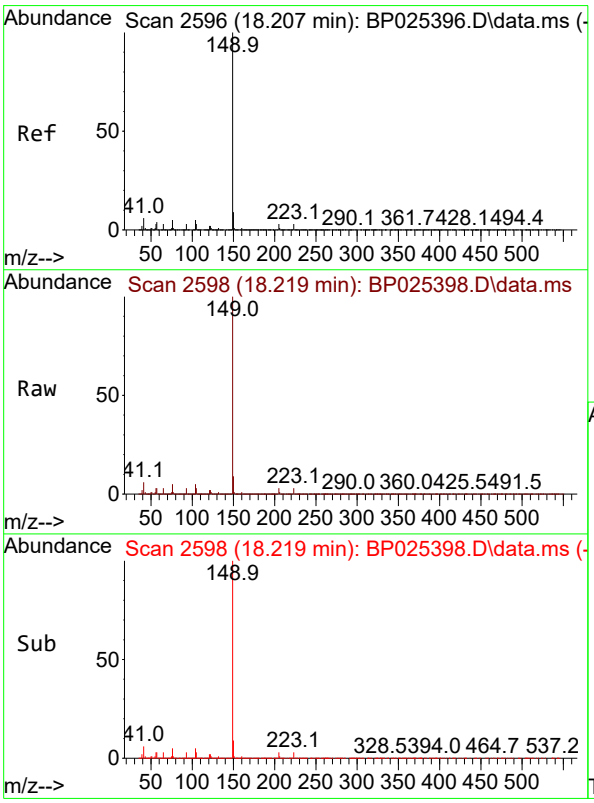
#73
Carbazole
Concen: 59.776 ng
RT: 17.625 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

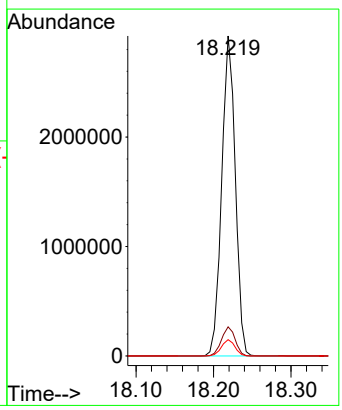


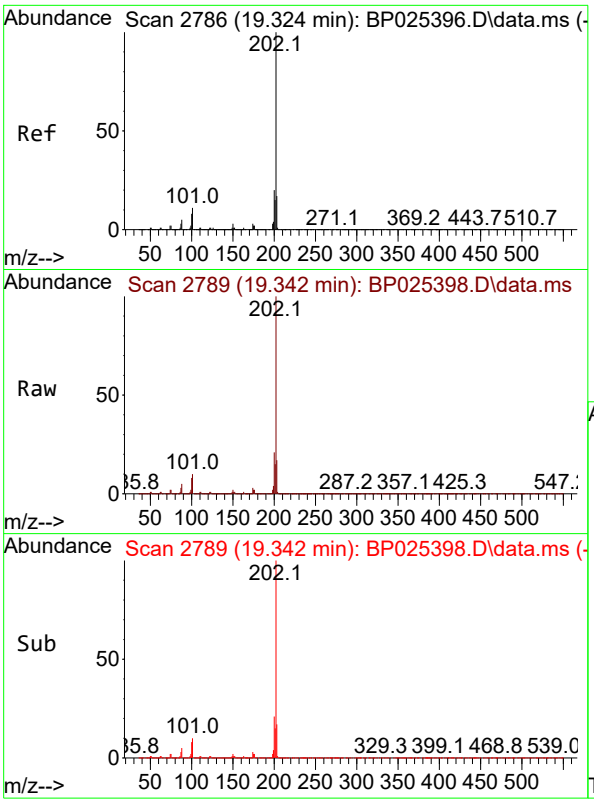


#74
Di-n-butylphthalate
Concen: 59.310 ng
RT: 18.219 min Scan# 2598
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



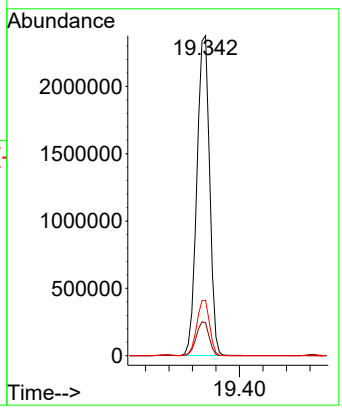


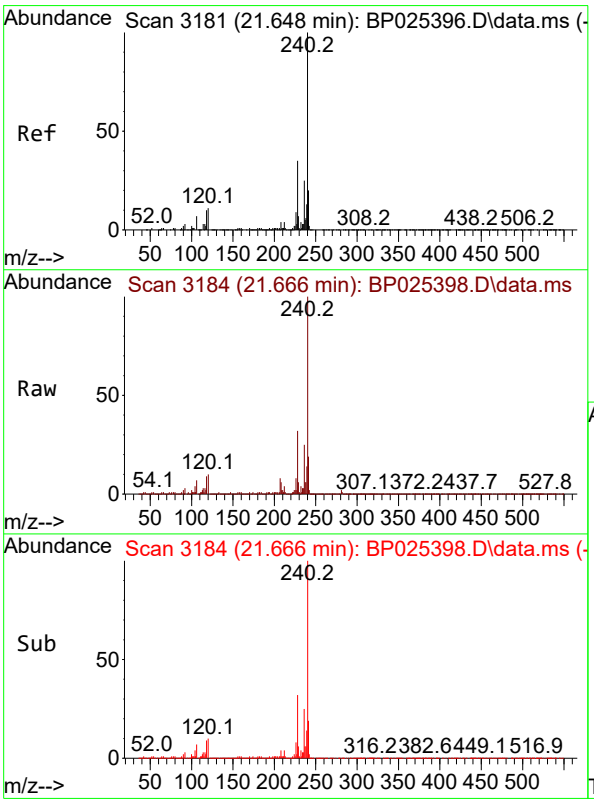
#75
Fluoranthene
Concen: 58.899 ng
RT: 19.342 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

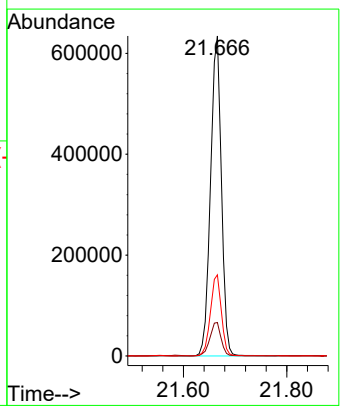


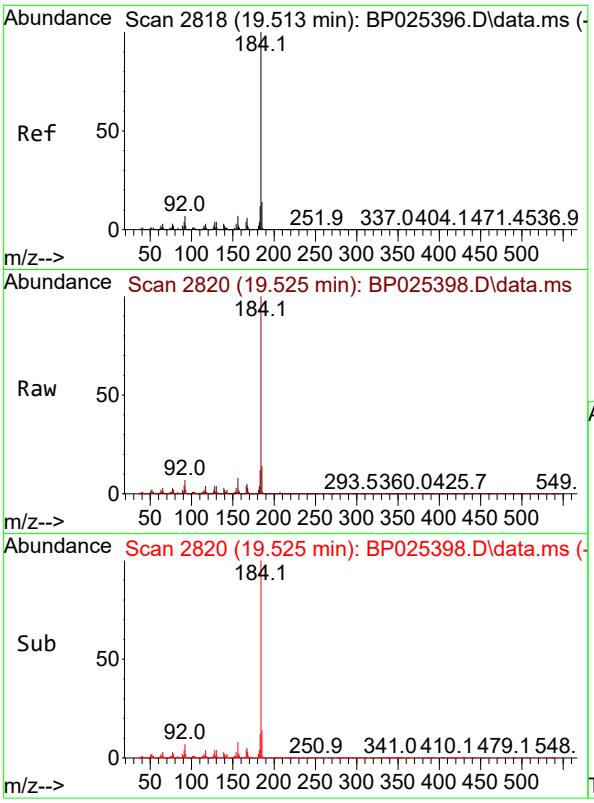


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.666 min Scan# 3184
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



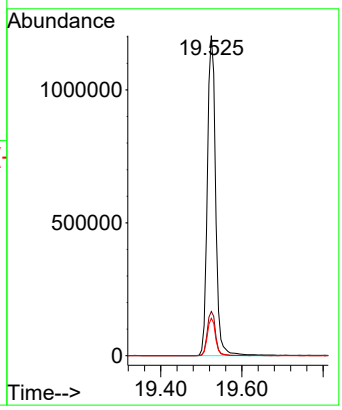


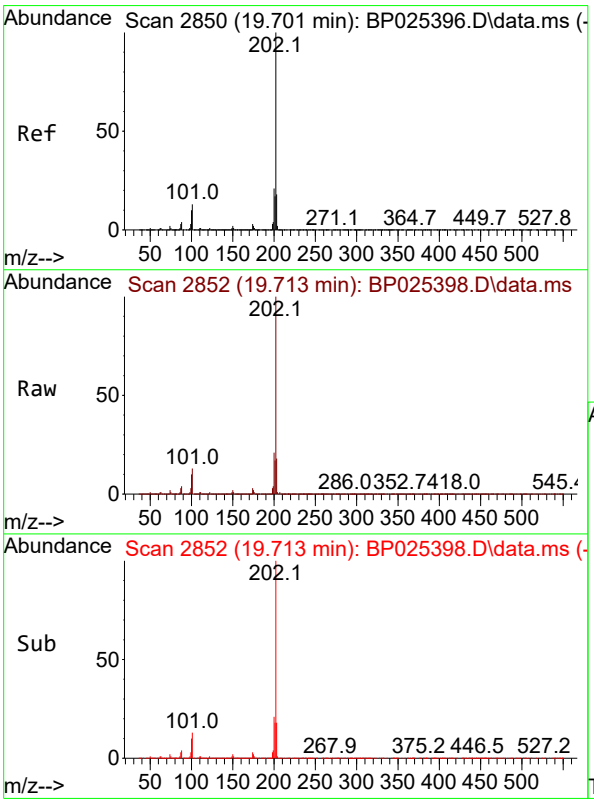
#77
Benzidine
Concen: 53.489 ng
RT: 19.525 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

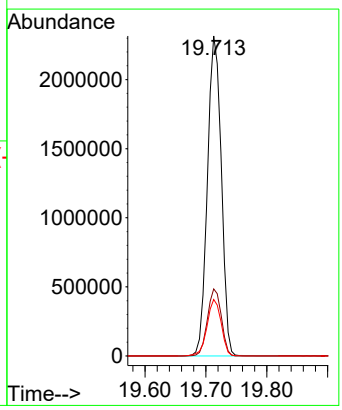


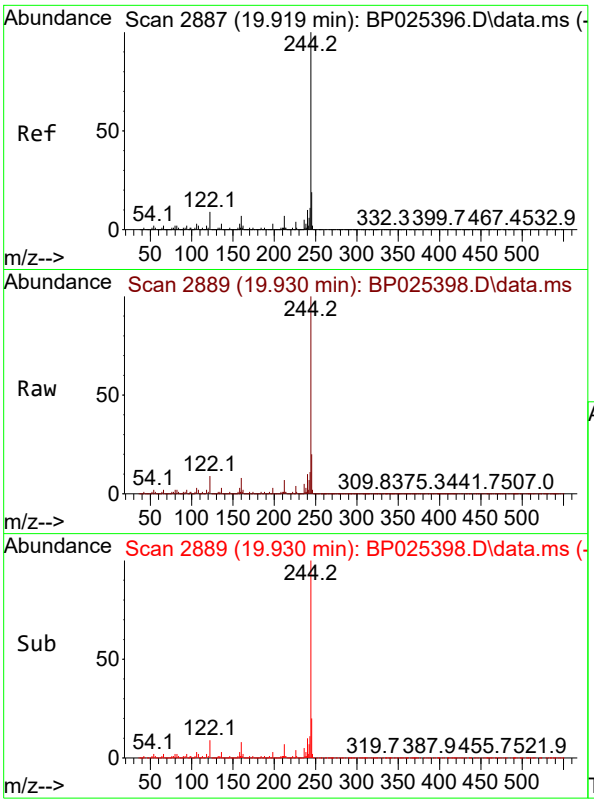


#78
Pyrene
Concen: 60.883 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



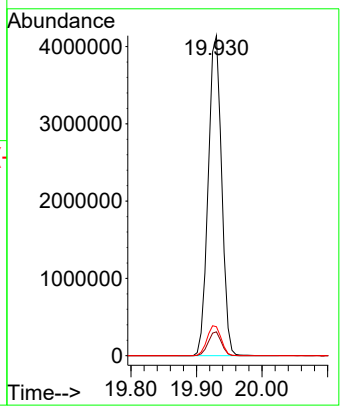


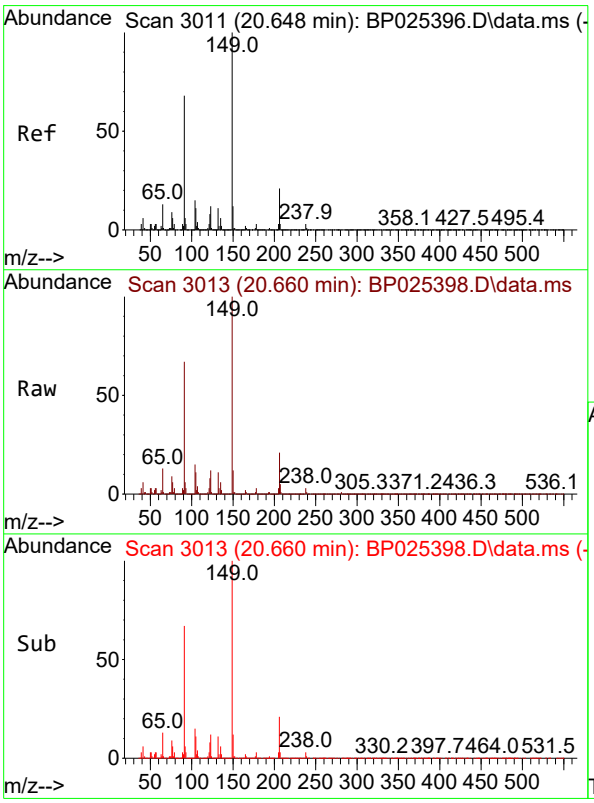
#79
Terphenyl-d14
Concen: 116.490 ng
RT: 19.930 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

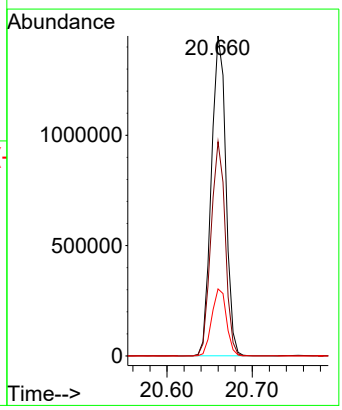


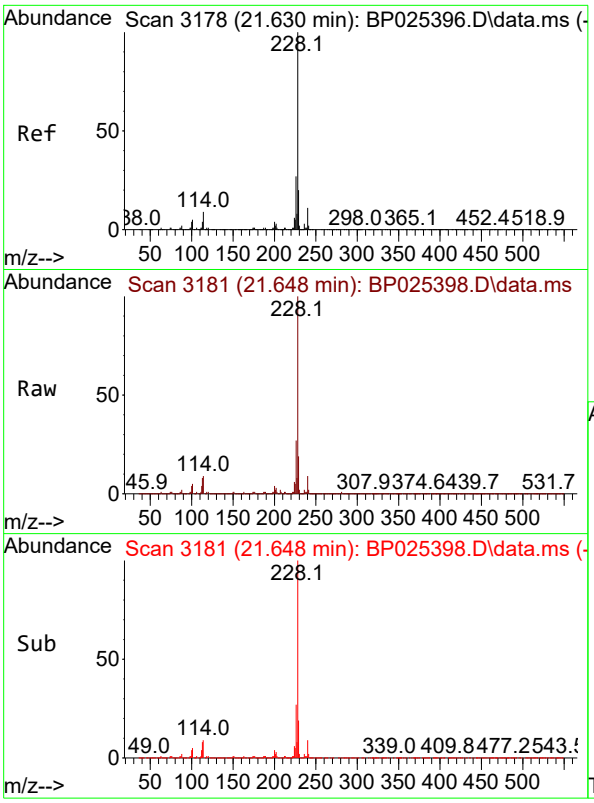


#80
Butylbenzylphthalate
Concen: 62.697 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



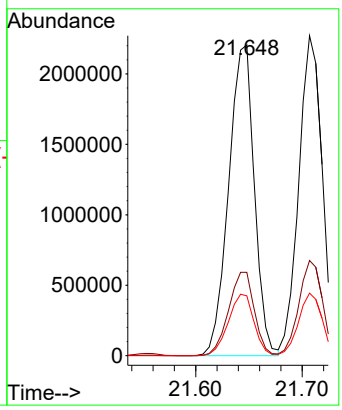


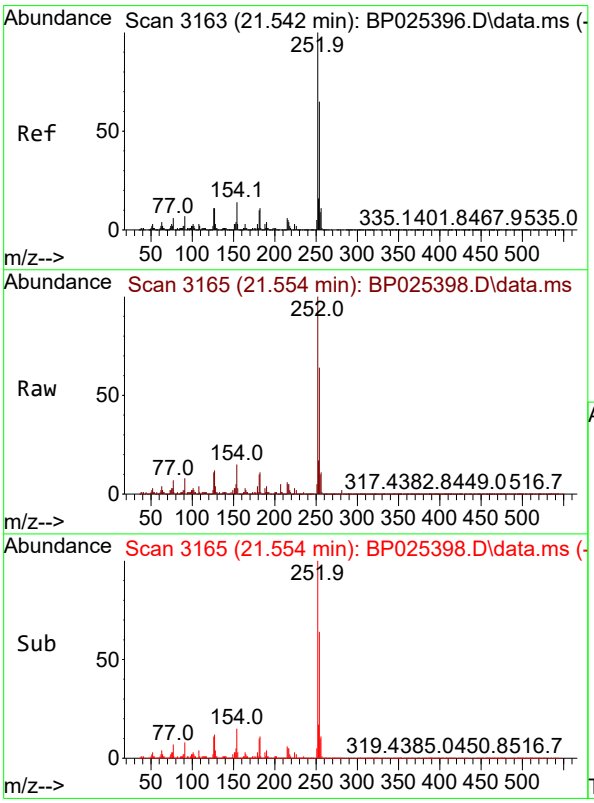
#81
Benzo(a)anthracene
Concen: 60.619 ng
RT: 21.648 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

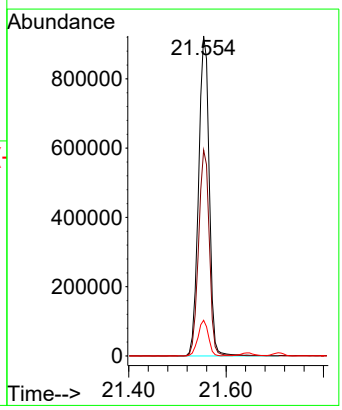


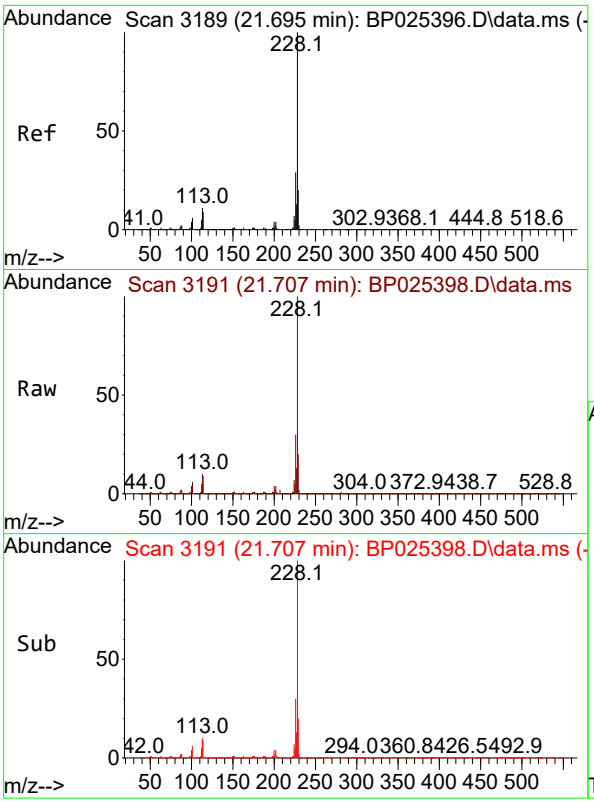


#82
3,3'-Dichlorobenzidine
Concen: 61.062 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



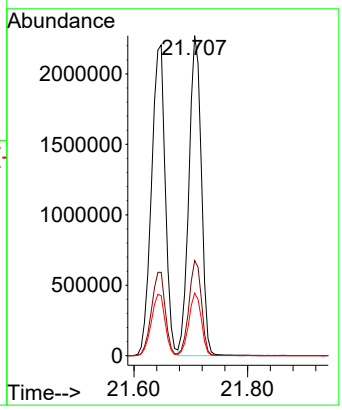


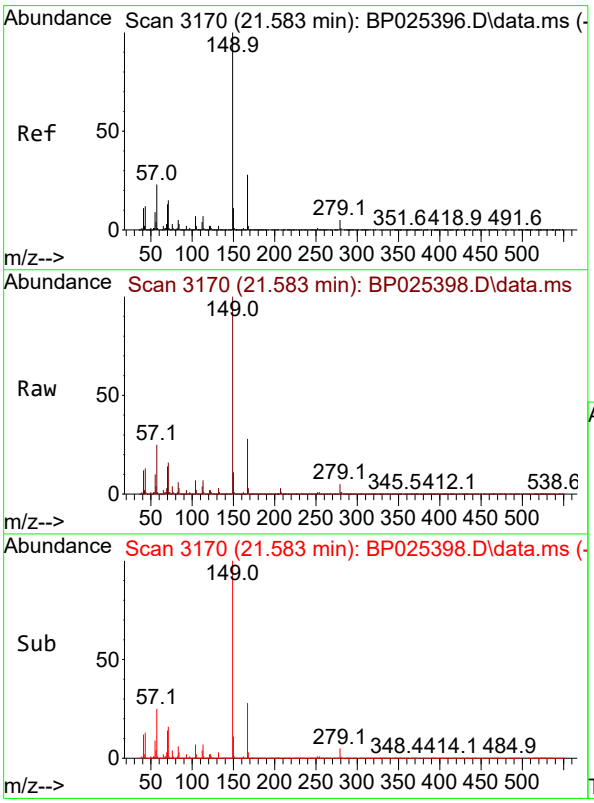
#83
Chrysene
Concen: 60.387 ng
RT: 21.707 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

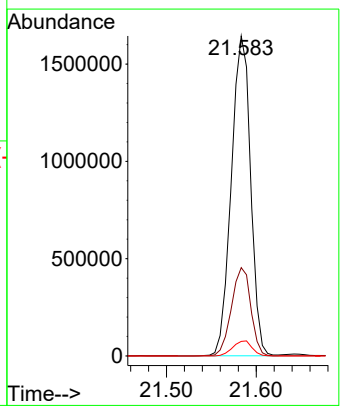


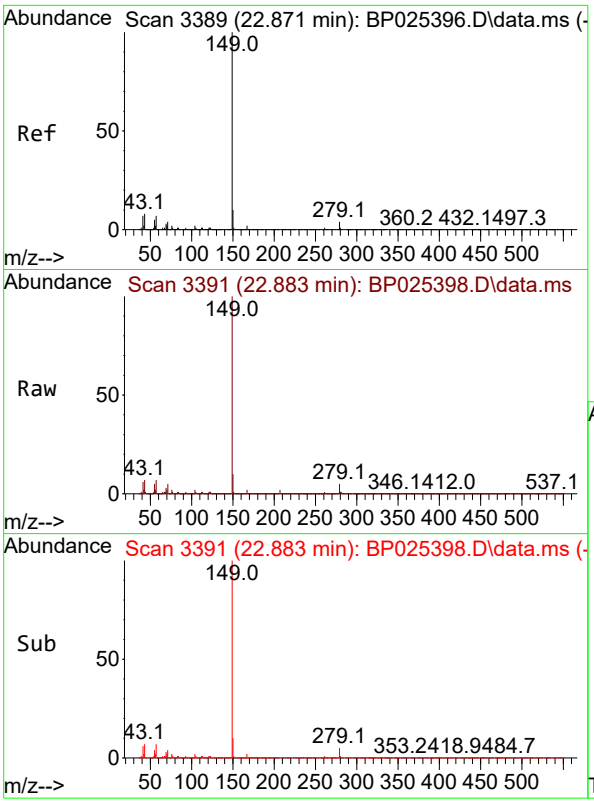


#84
Bis(2-ethylhexyl)phthalate
Concen: 61.038 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



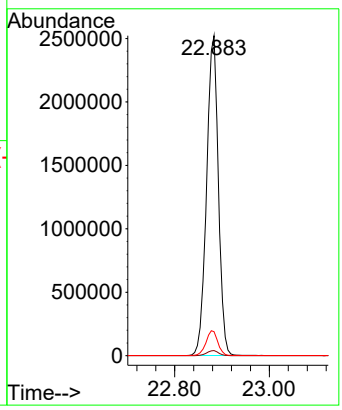


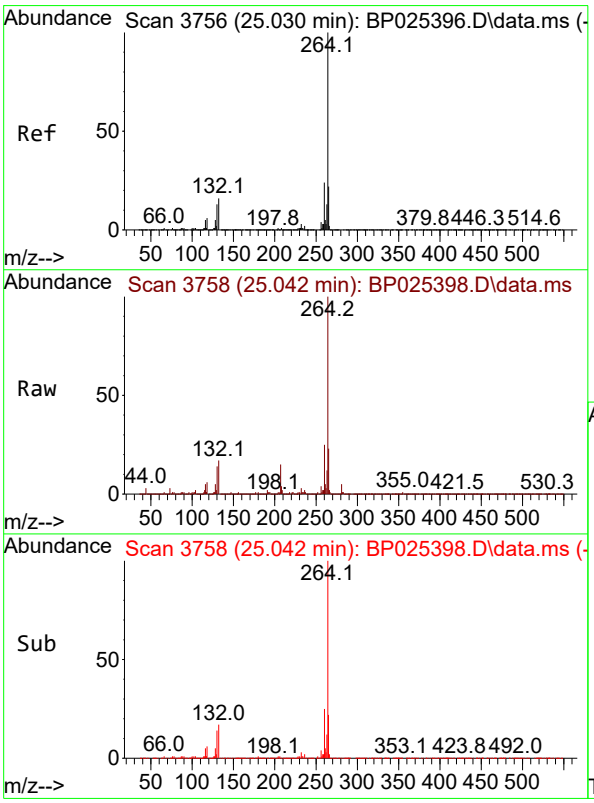
#85
Di-n-octyl phthalate
Concen: 62.869 ng
RT: 22.883 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

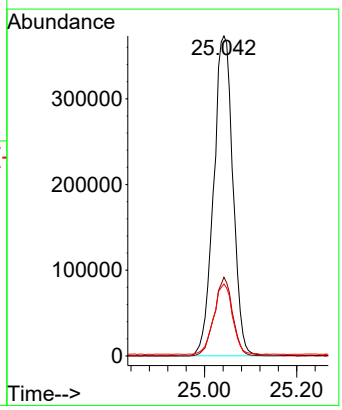


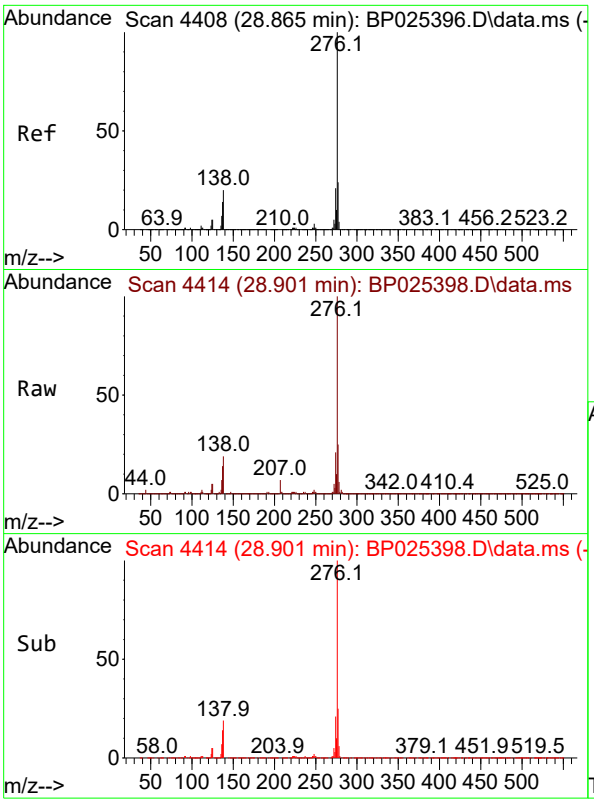


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.042 min Scan# 3758
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



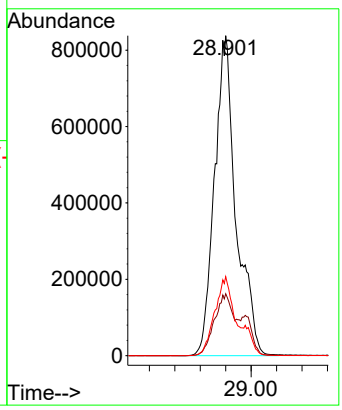


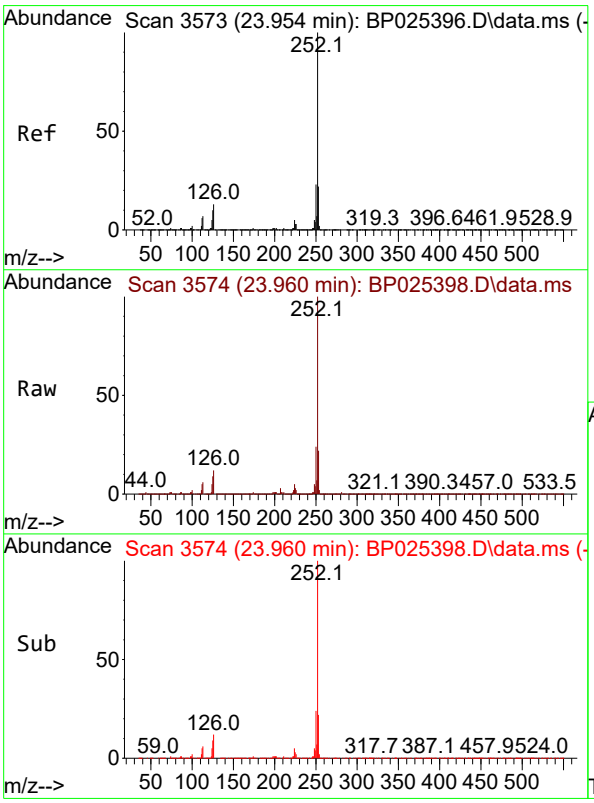
#87
Indeno(1,2,3-cd)pyrene
Concen: 62.248 ng
RT: 28.901 min Scan# 44
Delta R.T. 0.035 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

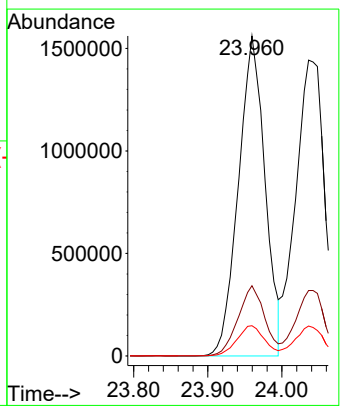


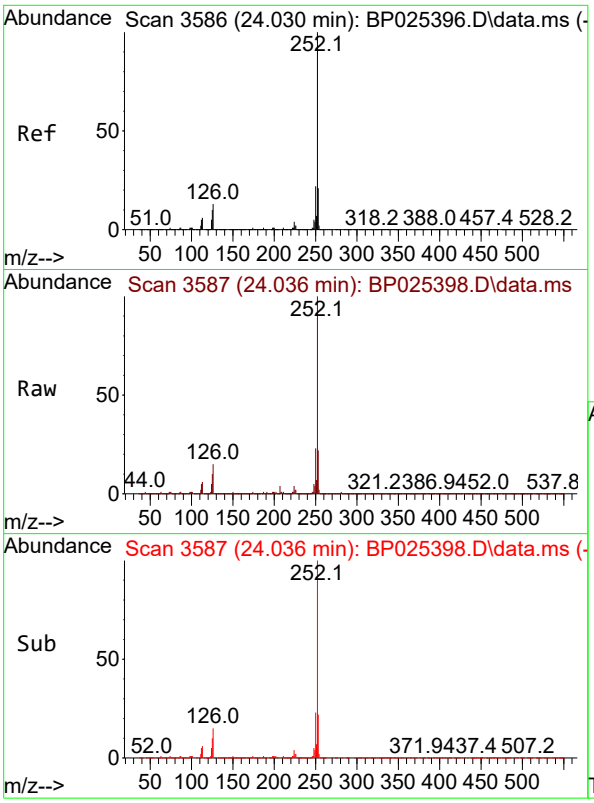


#88
Benzo(b)fluoranthene
Concen: 60.914 ng
RT: 23.960 min Scan# 3574
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



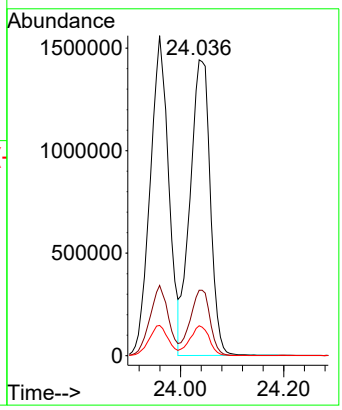


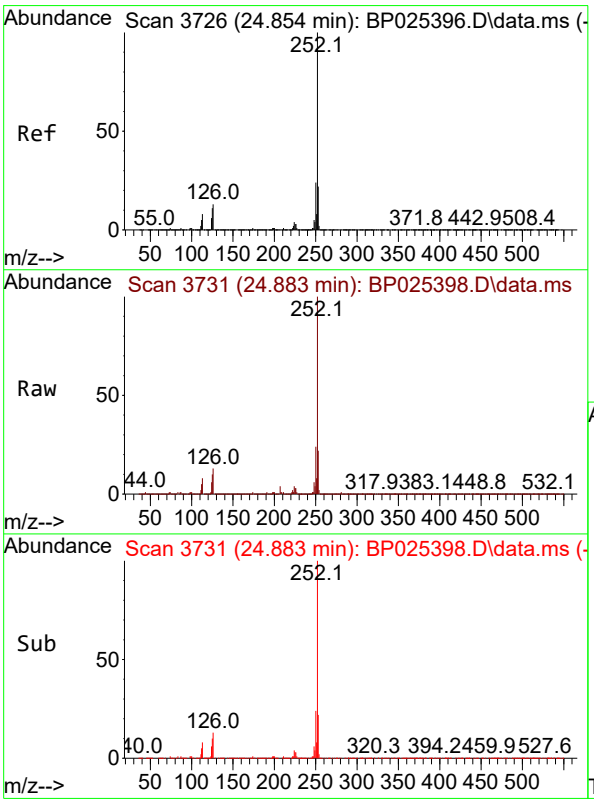
#89
Benzo(k)fluoranthene
Concen: 61.334 ng
RT: 24.036 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

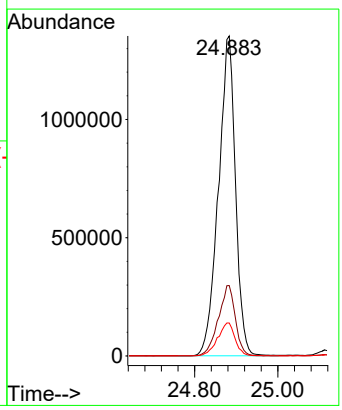


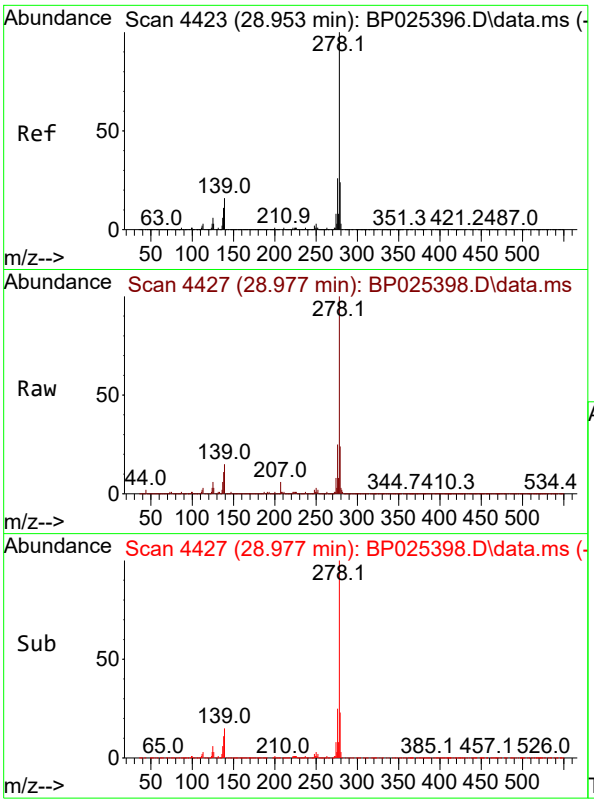


#90
Benzo(a)pyrene
Concen: 61.959 ng
RT: 24.883 min Scan# 3731
Delta R.T. 0.030 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



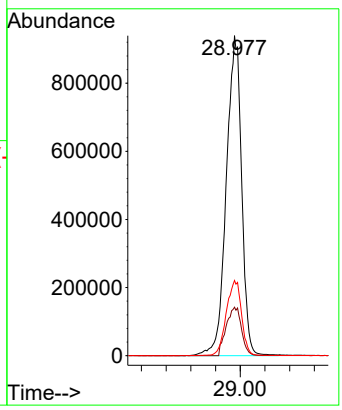


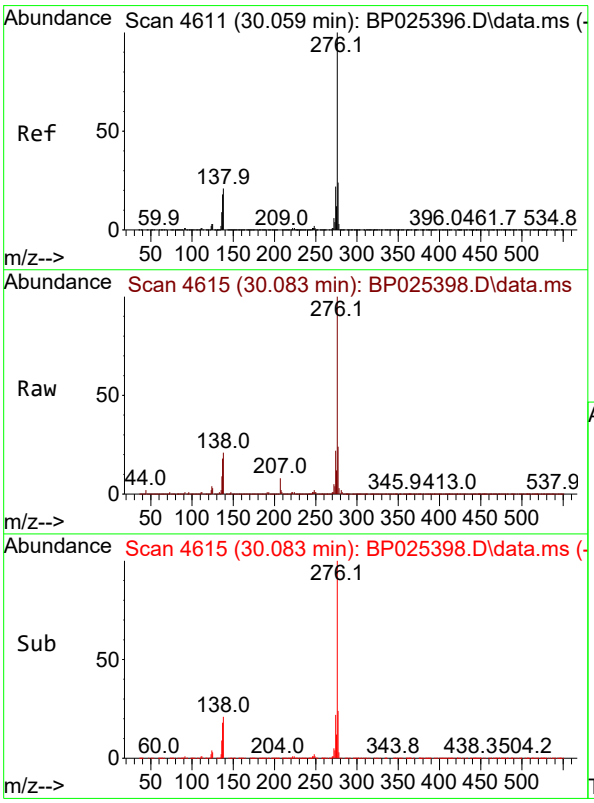
#91
Dibenzo(a,h)anthracene
Concen: 62.280 ng
RT: 28.977 min Scan# 44
Delta R.T. 0.024 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

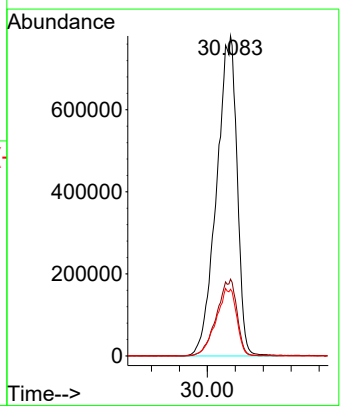




#92
Benzo(g,h,i)perylene
Concen: 62.159 ng
RT: 30.083 min Scan# 4615
Delta R.T. 0.024 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

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)
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

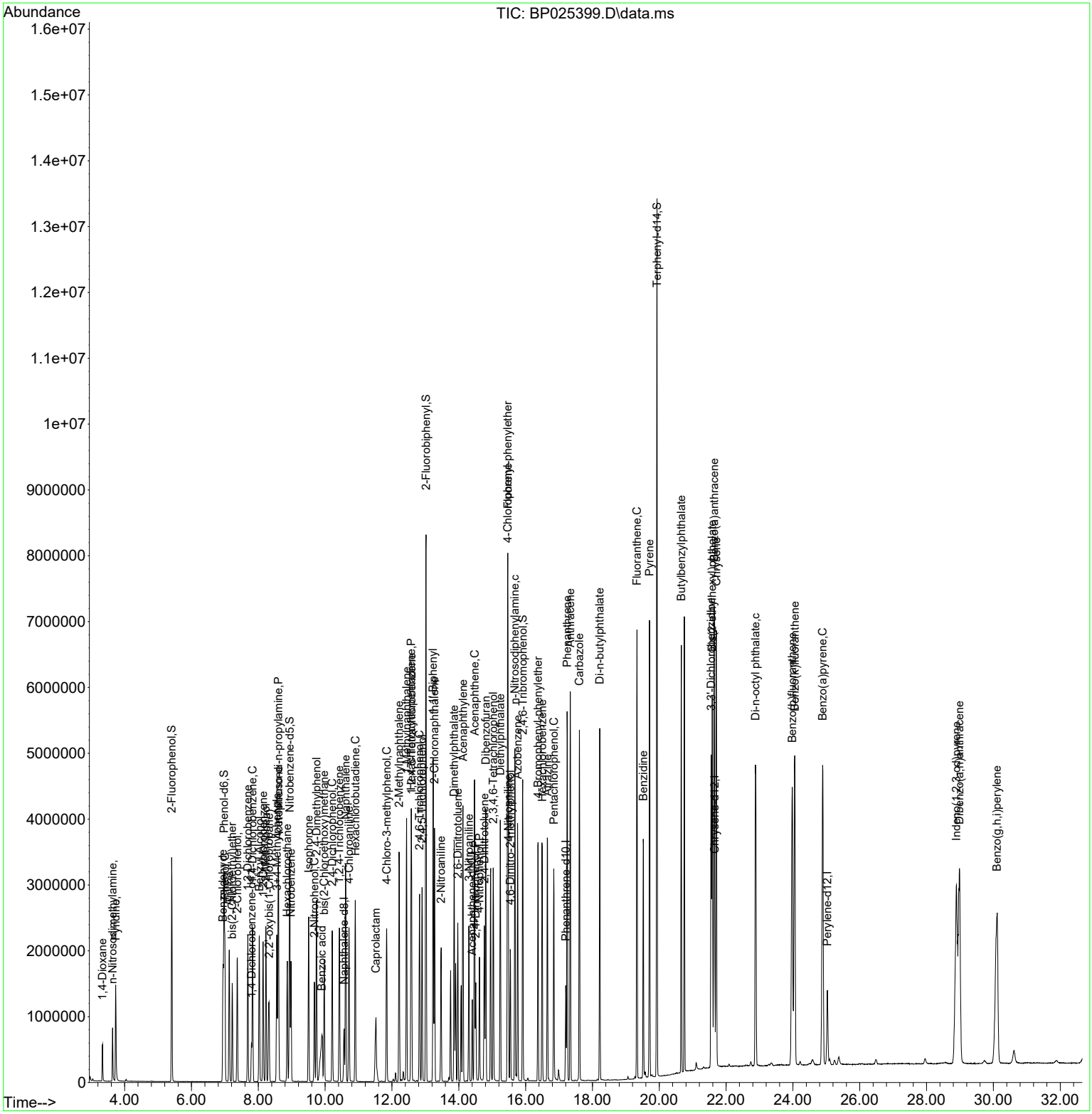
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025399.D
Acq On : 14 Aug 2025 17:24
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

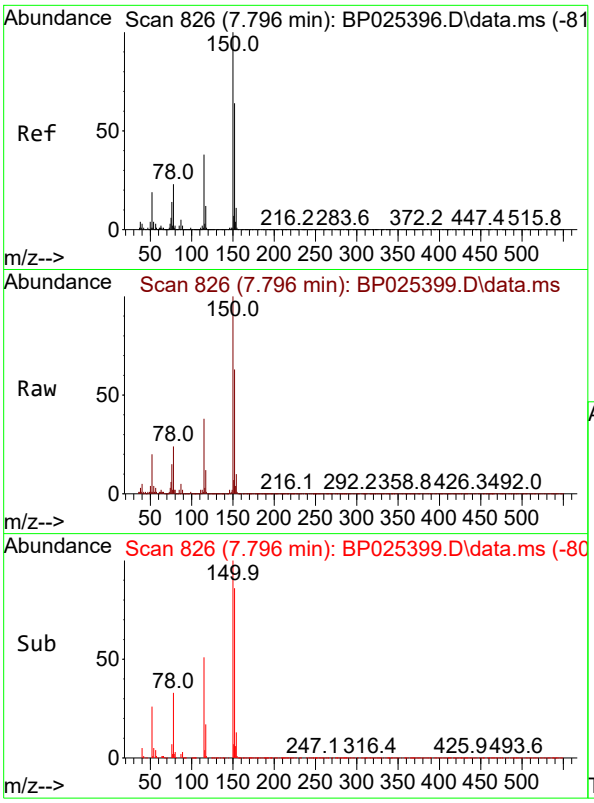
Quant Time: Aug 14 17:59:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

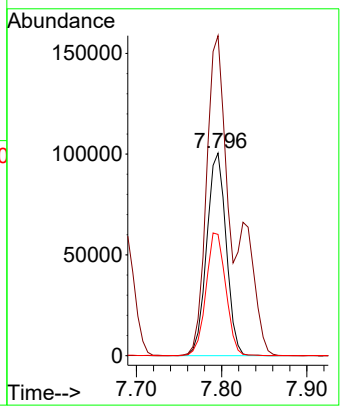




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:152 Resp: 15914

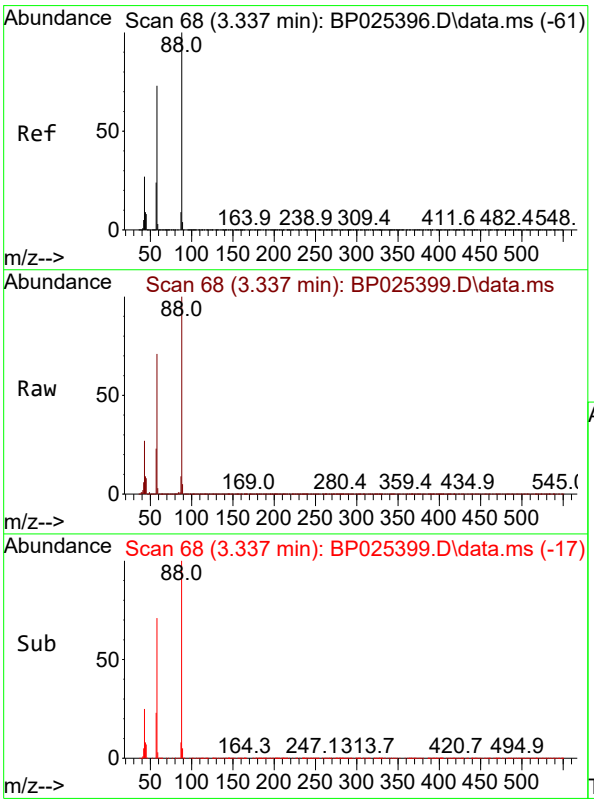
Ion	Ratio	Lower	Upper
152	100		
150	157.9	125.9	188.9
115	59.9	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

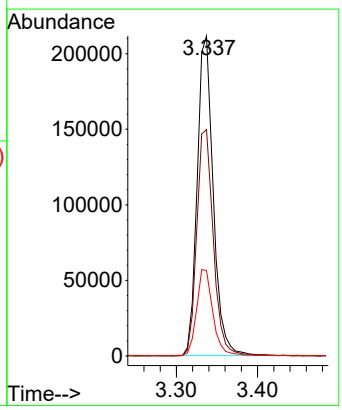
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

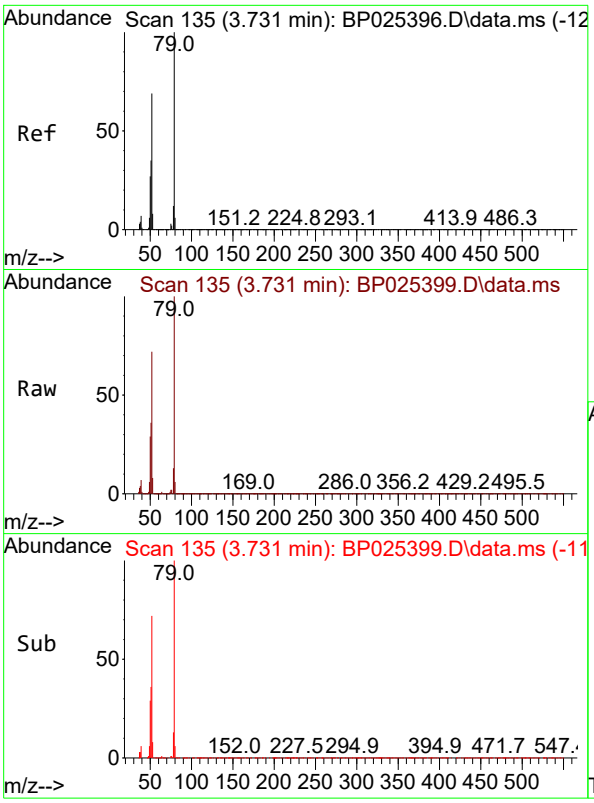


#2
1,4-Dioxane
Concen: 77.664 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

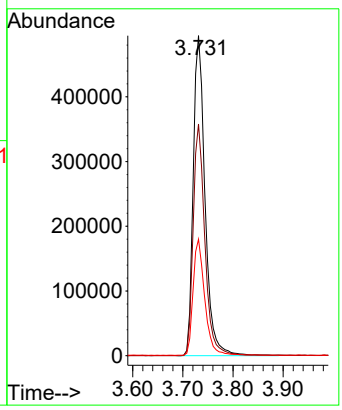




#3
Pyridine
Concen: 78.572 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

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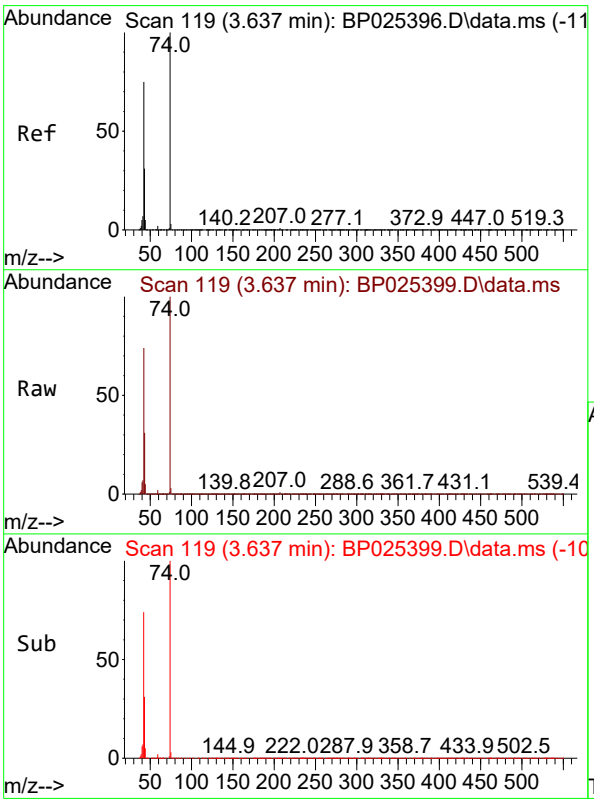
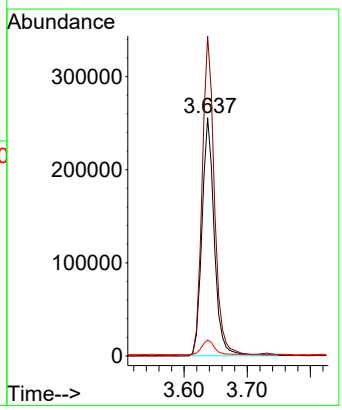
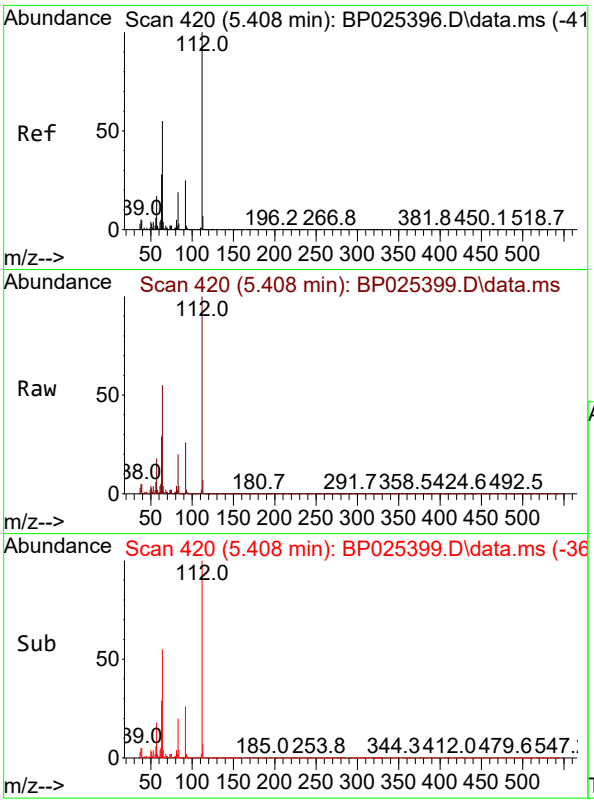


#4
n-Nitrosodimethylamine
Concen: 81.296 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 42 Resp: 344349

Ion	Ratio	Lower	Upper
42	100		
74	134.3	107.0	160.4
44	6.7	6.2	9.4

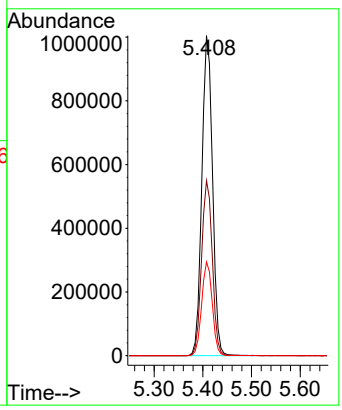




#5
2-Fluorophenol
Concen: 159.254 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:112 Resp: 152616

Ion	Ratio	Lower	Upper
112	100		
64	54.7	43.8	65.8
63	29.3	22.7	34.1



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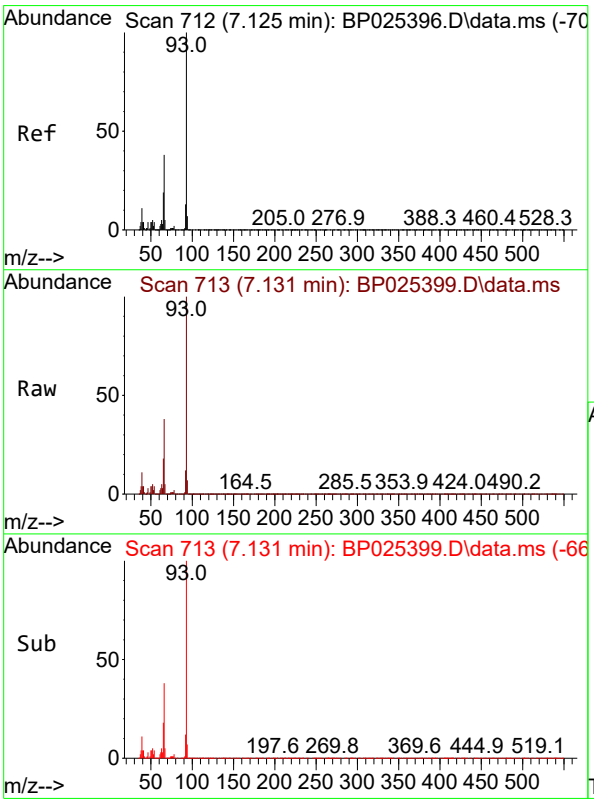
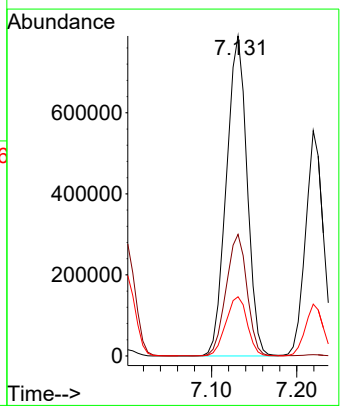
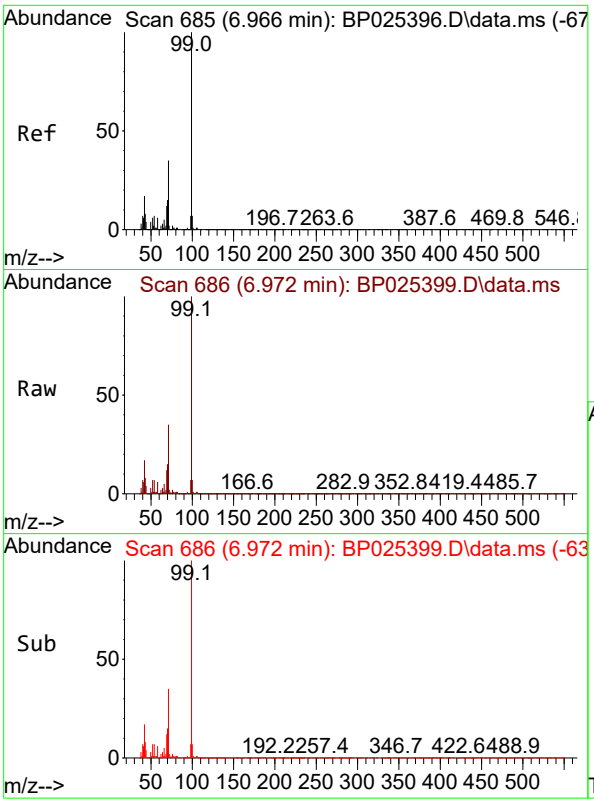


#6
Aniline
Concen: 80.538 ng
RT: 7.131 min Scan# 713
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 93 Resp: 1333221

Ion	Ratio	Lower	Upper
93	100		
66	38.0	30.4	45.6
65	18.5	15.3	22.9

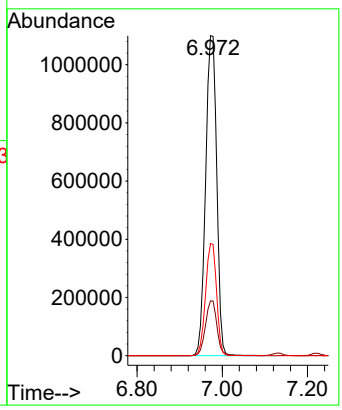




#7
Phenol-d6
Concen: 161.937 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 99 Resp: 198963

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.7	20.5
71	35.1	28.2	42.4



Instrument :
BNA_P
ClientSampleId :
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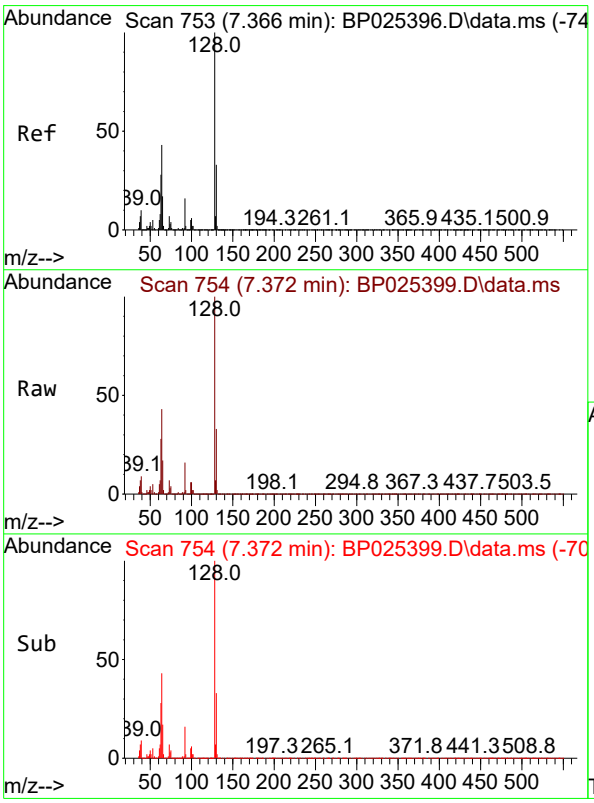
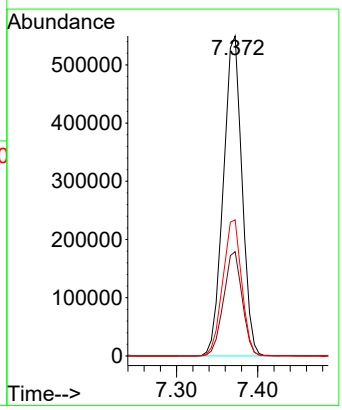
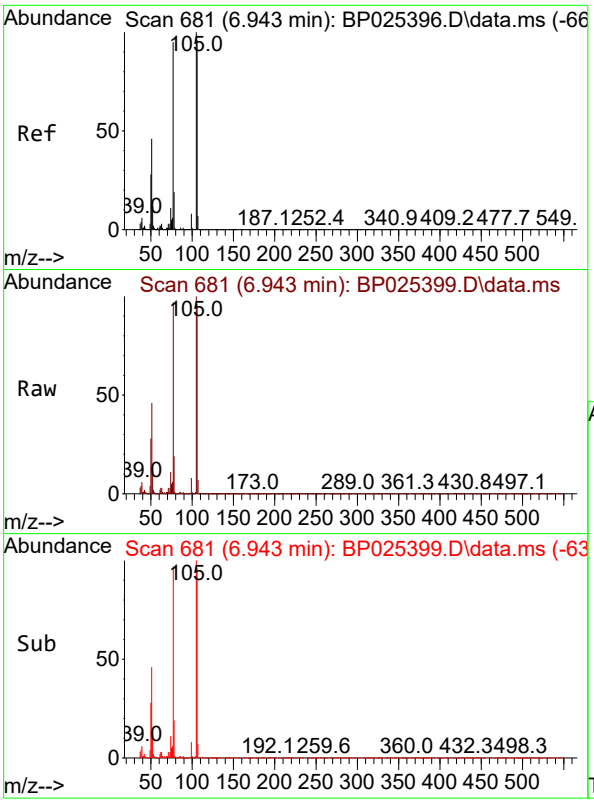


#8
2-Chlorophenol
Concen: 81.104 ng
RT: 7.372 min Scan# 754
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:128 Resp: 877073

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	42.5	23.4	63.4

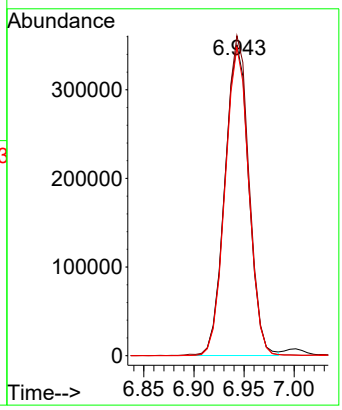




#9
Benzaldehyde
Concen: 67.651 ng
RT: 6.943 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 77 Resp: 58234

Ion	Ratio	Lower	Upper
77	100		
105	103.0	84.8	124.8
106	99.3	80.5	120.5



Instrument :
BNA_P
ClientSampleId :
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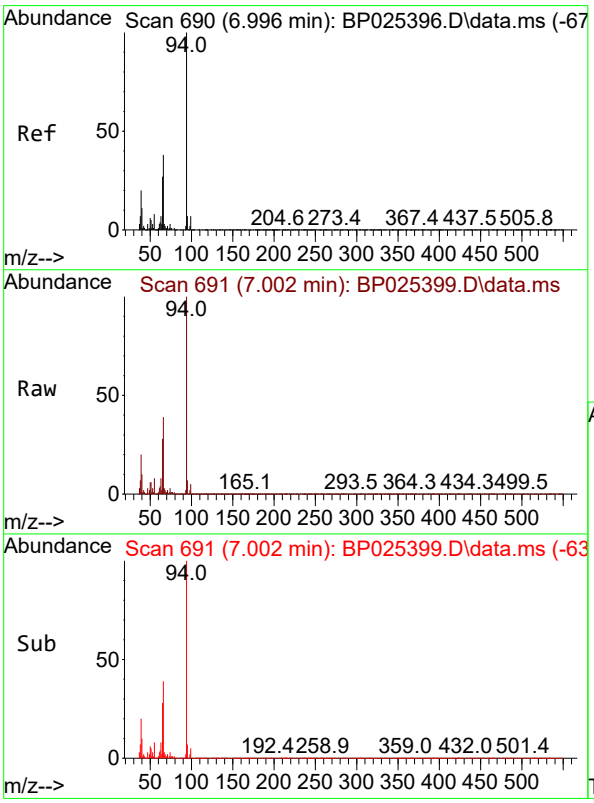
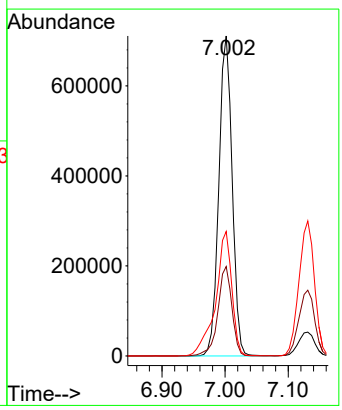
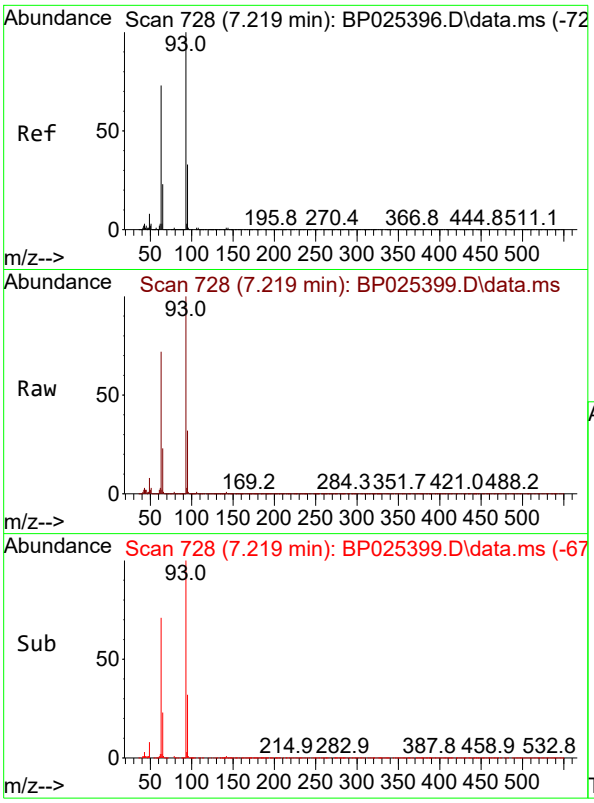


#10
Phenol
Concen: 80.710 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 94 Resp: 1040534

Ion	Ratio	Lower	Upper
94	100		
65	28.0	6.8	46.8
66	38.9	18.2	58.2

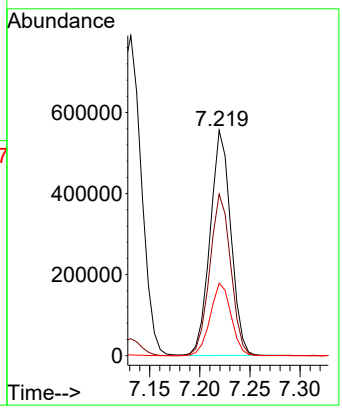




#11
bis(2-Chloroethyl)ether
Concen: 79.481 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 93 Resp: 79867

Ion	Ratio	Lower	Upper
93	100		
63	71.7	52.6	92.6
95	32.2	12.7	52.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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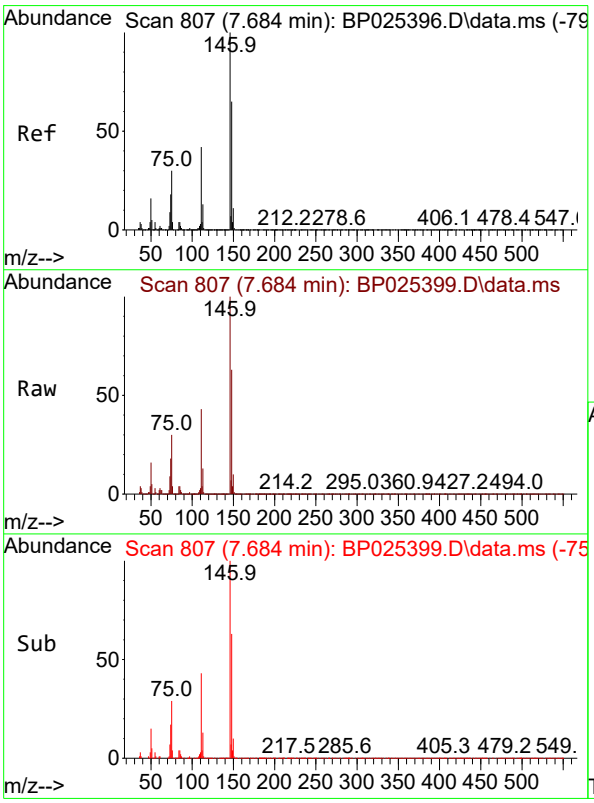
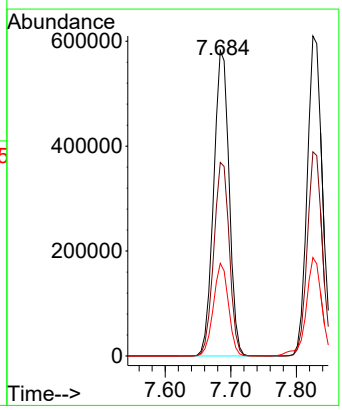
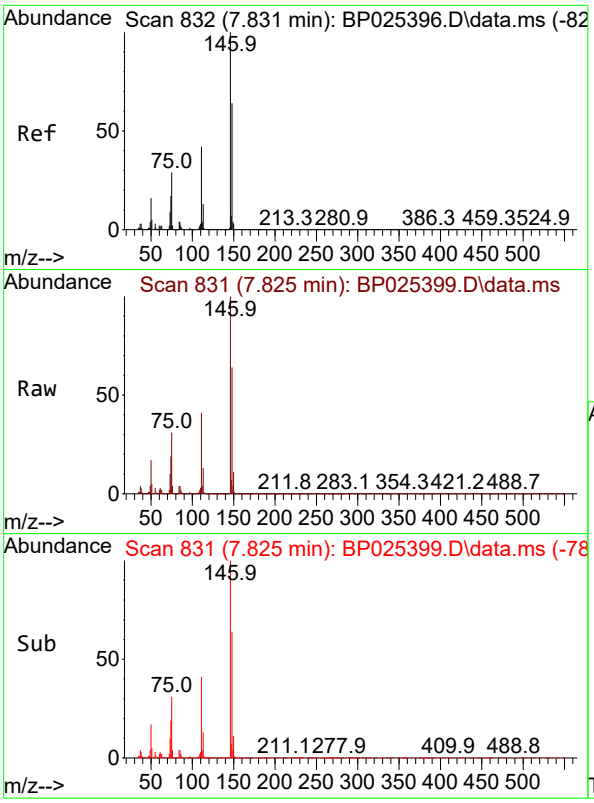


#12
1,3-Dichlorobenzene
Concen: 79.718 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:146 Resp: 950596

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.9	77.9
75	30.3	23.7	35.5





#13
1,4-Dichlorobenzene
Concen: 78.882 ng
RT: 7.825 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:146 Resp: 96142

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.6	77.4
111	41.2	33.4	50.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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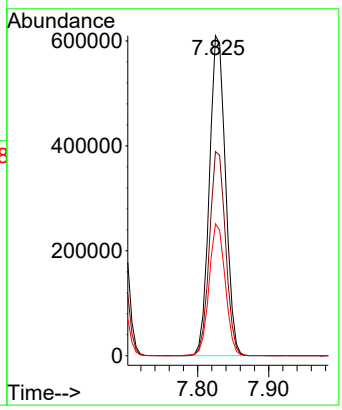
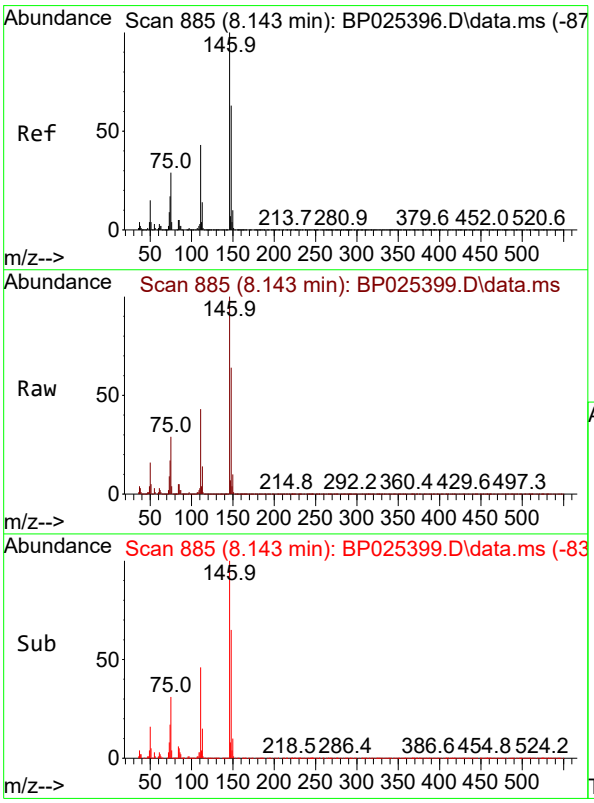
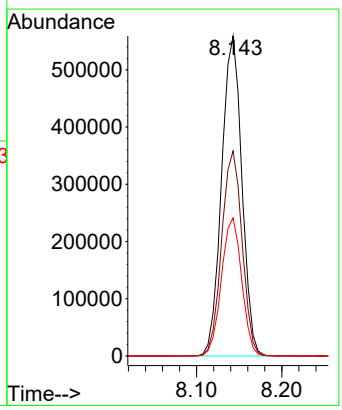


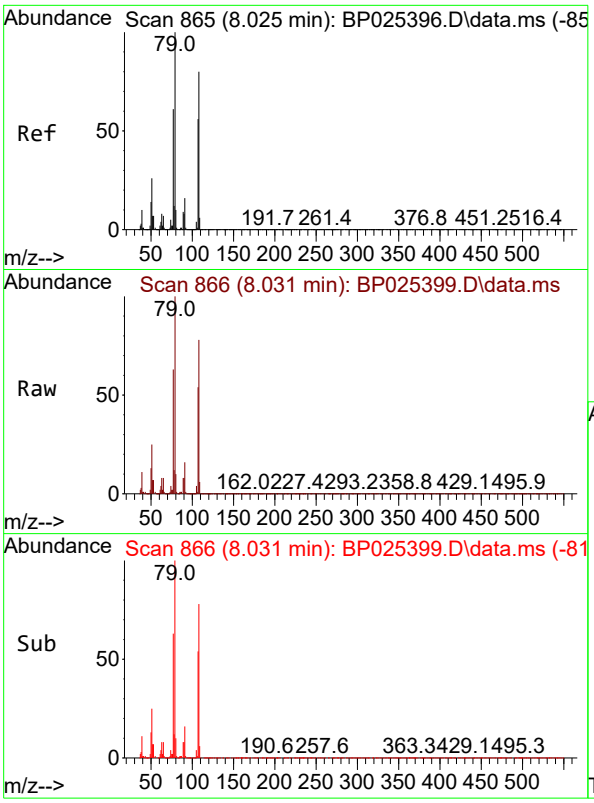


#14
1,2-Dichlorobenzene
Concen: 78.203 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:146 Resp: 922658

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.4	75.6
111	43.1	34.5	51.7





#15
Benzyl Alcohol
Concen: 81.498 ng
RT: 8.031 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 79 Resp: 79561

Ion	Ratio	Lower	Upper
79	100		
108	78.3	63.8	95.6
77	62.8	49.0	73.4

Instrument :
BNA_P
ClientSampleId :
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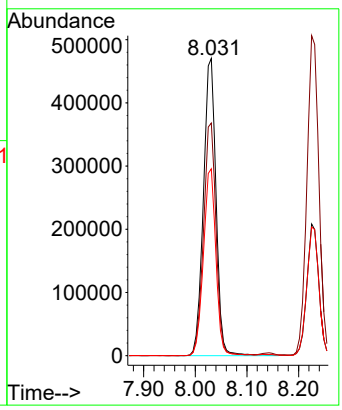
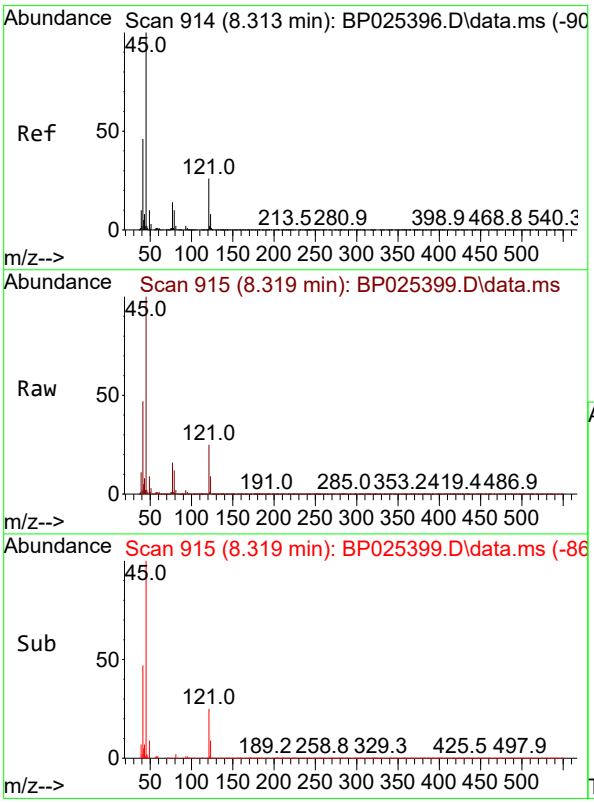
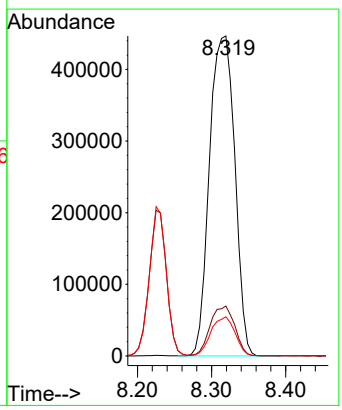


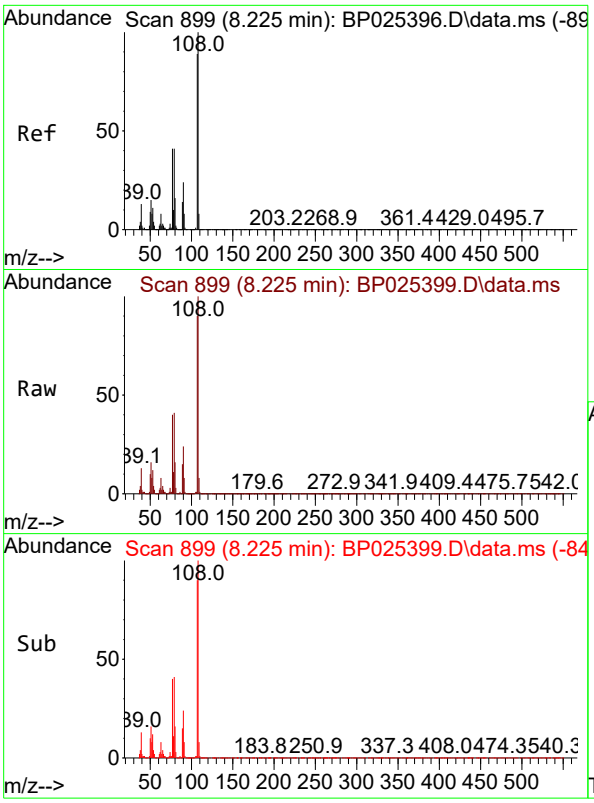


#16
2,2'-oxybis(1-Chloropropane)
Concen: 78.732 ng
RT: 8.319 min Scan# 915
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

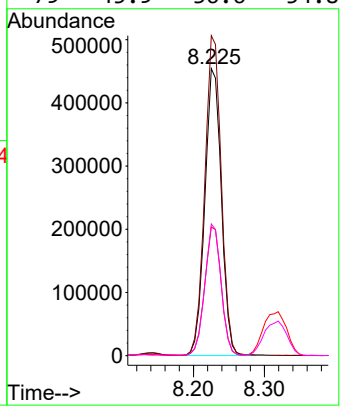




#17
2-Methylphenol
Concen: 82.028 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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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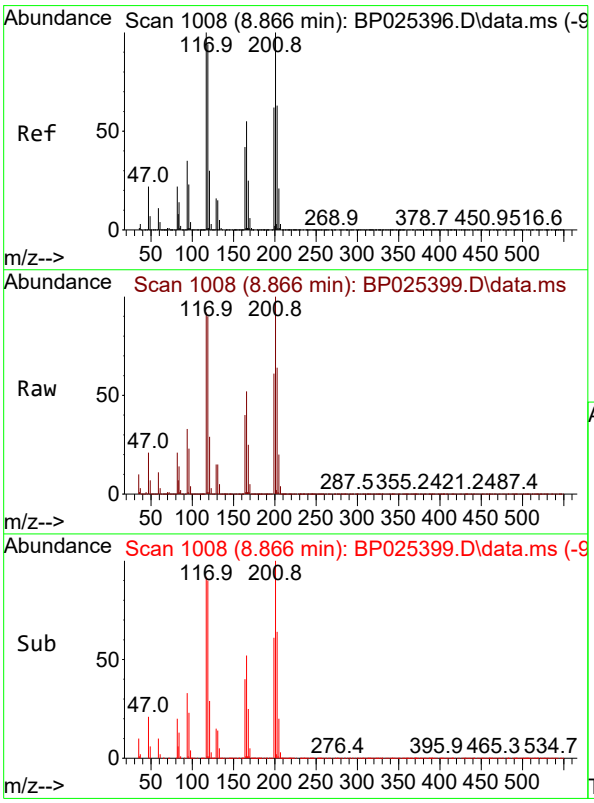
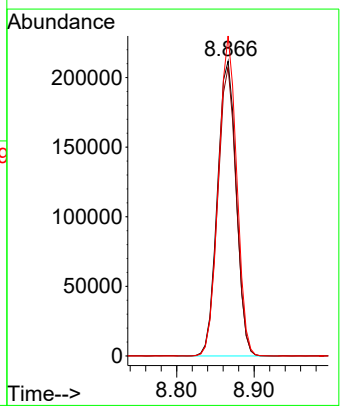
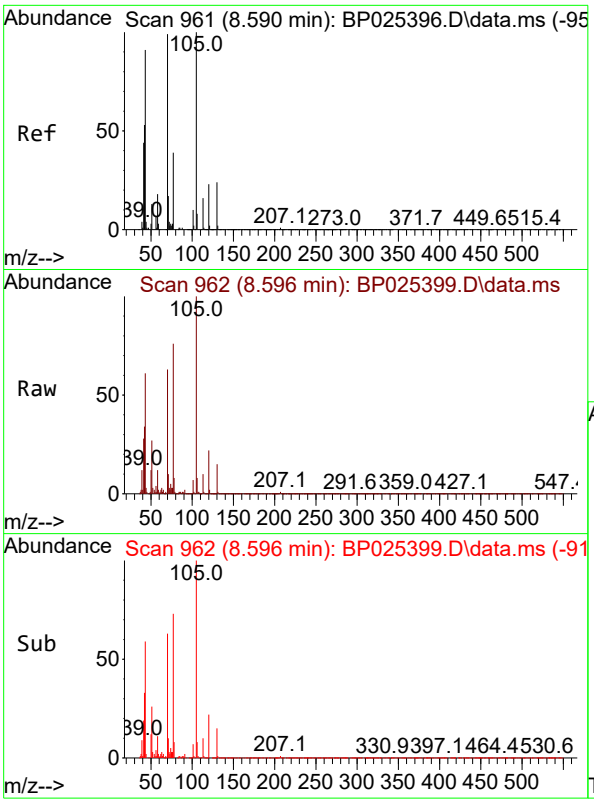


#18
Hexachloroethane
Concen: 79.395 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

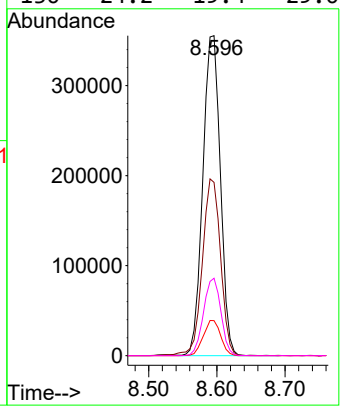




#19
n-Nitroso-di-n-propylamine
Concen: 78.102 ng
RT: 8.596 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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 :
BNA_P
ClientSampleId :
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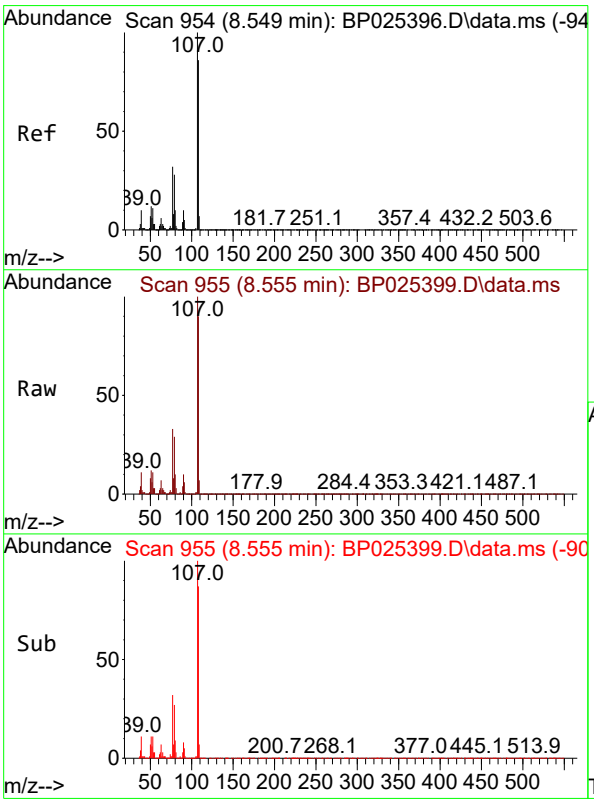
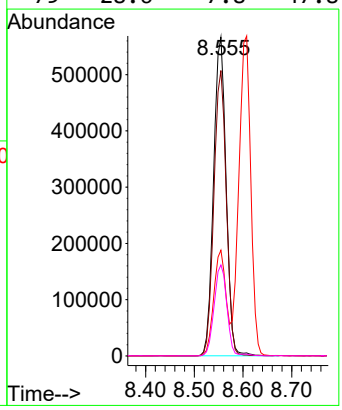
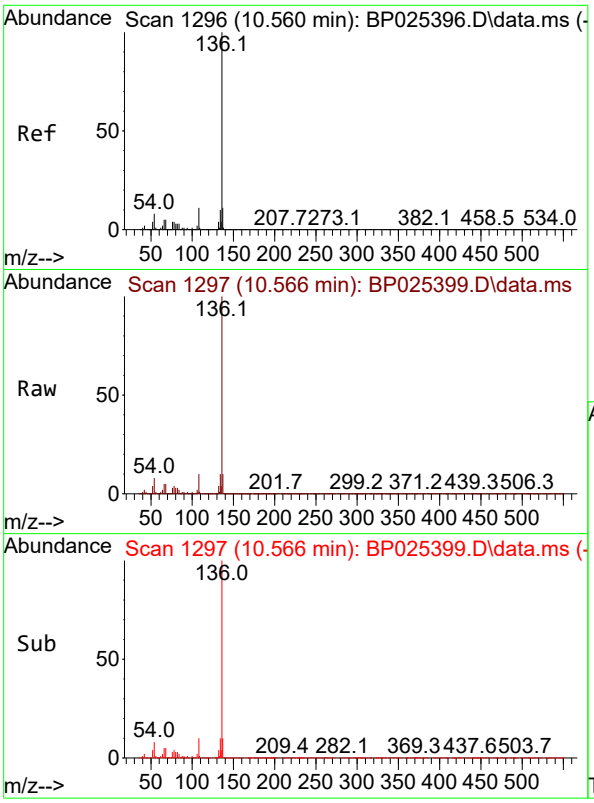


#20
3+4-Methylphenols
Concen: 81.023 ng
RT: 8.555 min Scan# 955
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

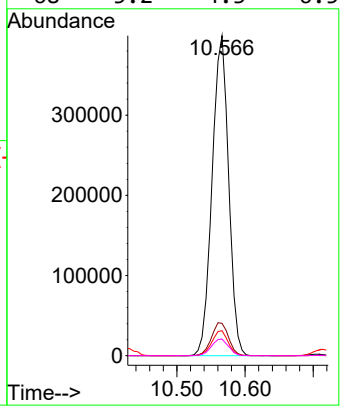




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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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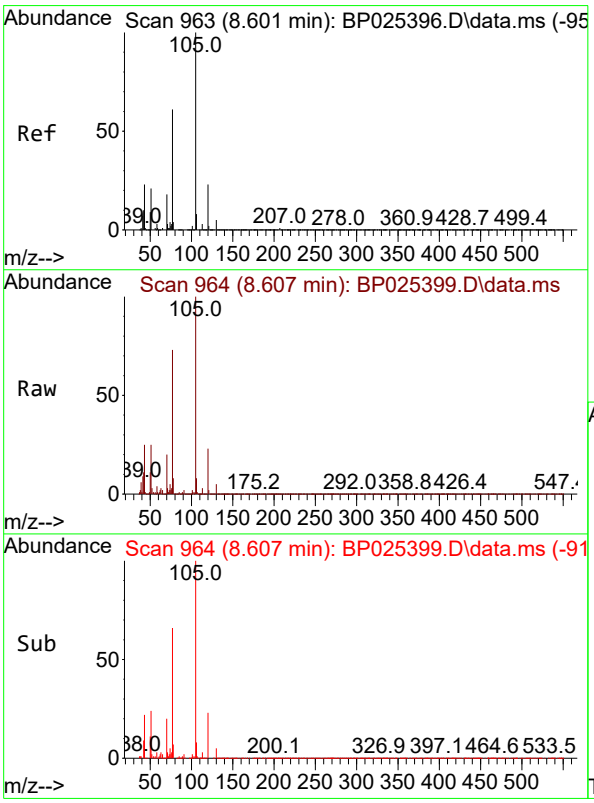
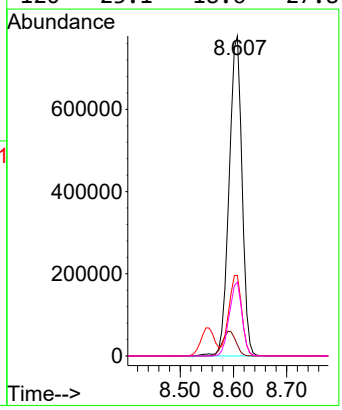
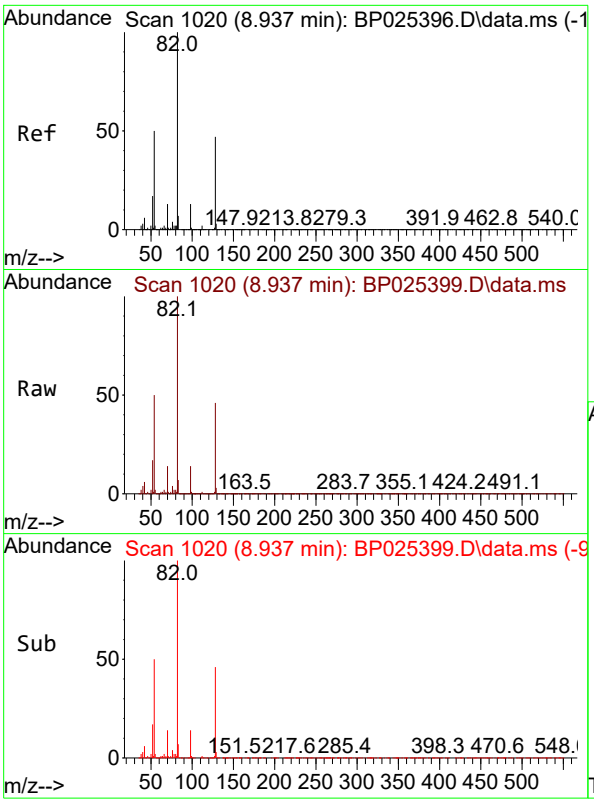


#22
Acetophenone
Concen: 77.886 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

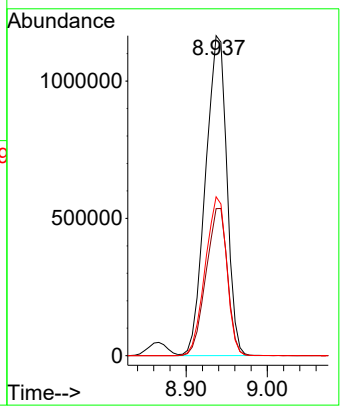




#23
Nitrobenzene-d5
Concen: 159.609 ng
RT: 8.937 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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 :
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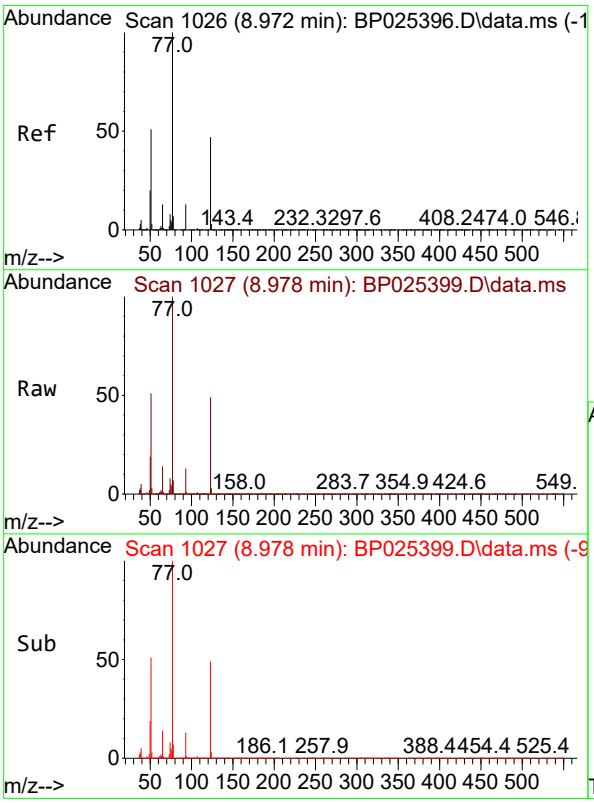
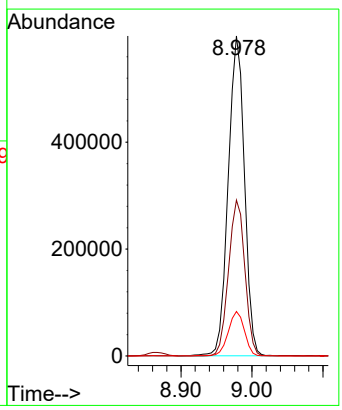
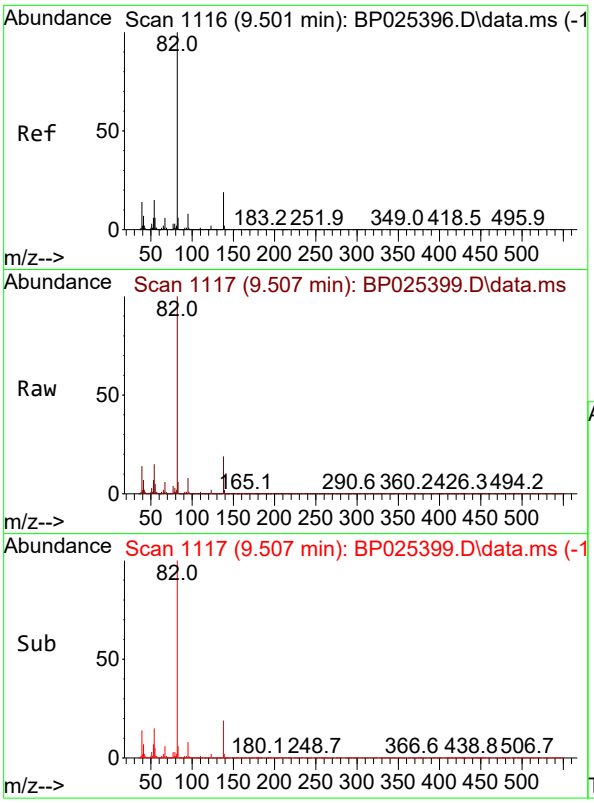


#24
Nitrobenzene
Concen: 79.686 ng
RT: 8.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 77 Resp: 947511

Ion	Ratio	Lower	Upper
77	100		
123	48.7	38.6	58.0
65	13.9	10.6	15.8

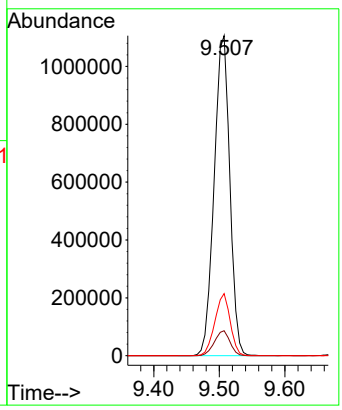




#25
Isophorone
Concen: 77.708 ng
RT: 9.507 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 82 Resp: 182967

Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.4	9.6
138	19.4	15.4	23.0



Instrument :
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ClientSampleId :
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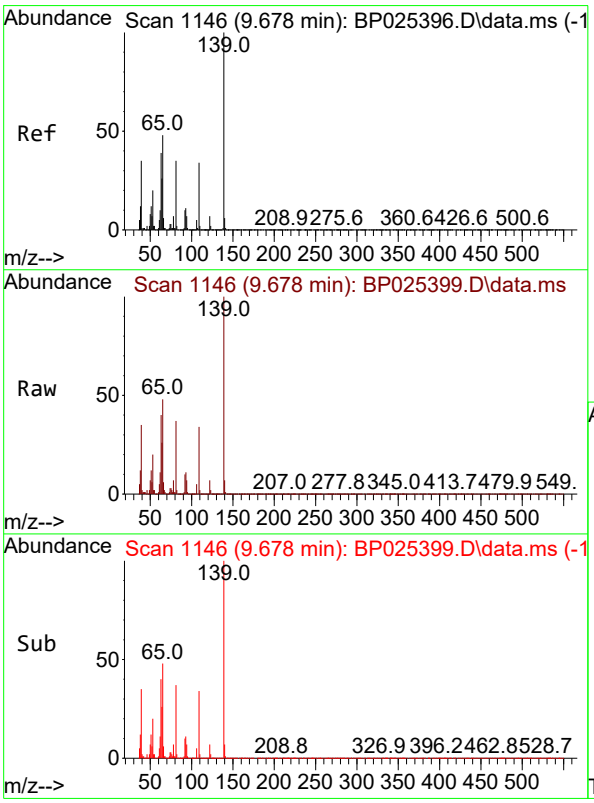
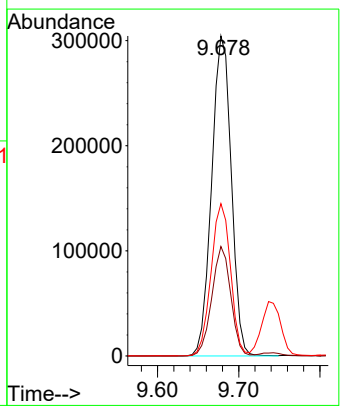
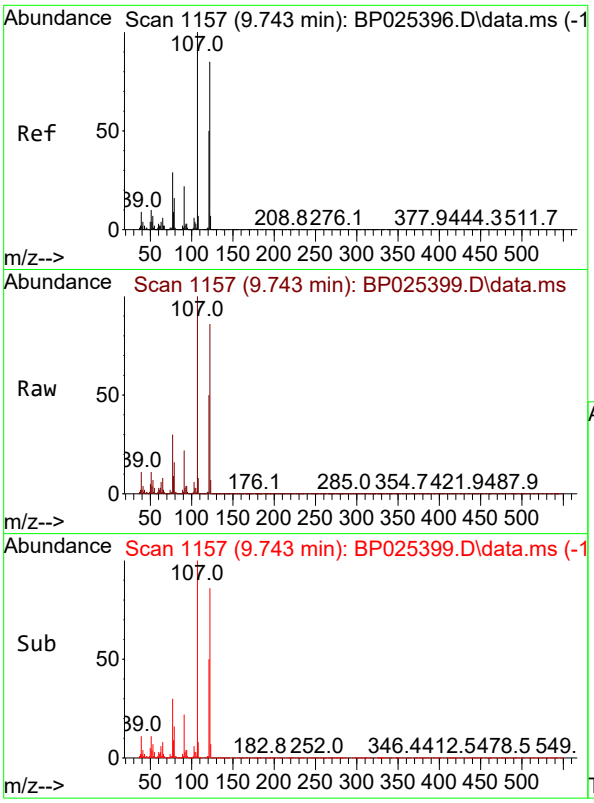


#26
2-Nitrophenol
Concen: 83.872 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:139 Resp: 511806

Ion	Ratio	Lower	Upper
139	100		
109	34.2	26.9	40.3
65	47.6	38.3	57.5

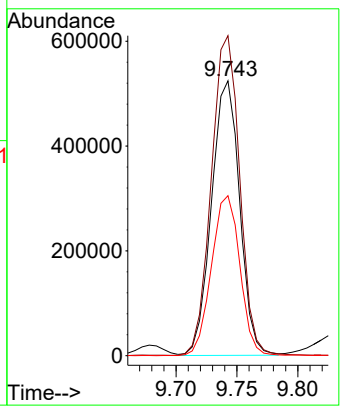




#27
2,4-Dimethylphenol
Concen: 80.280 ng
RT: 9.743 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:122 Resp: 84246

Ion	Ratio	Lower	Upper
122	100		
107	116.4	93.7	140.5
121	58.2	46.6	69.8



Instrument :
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ClientSampleId :
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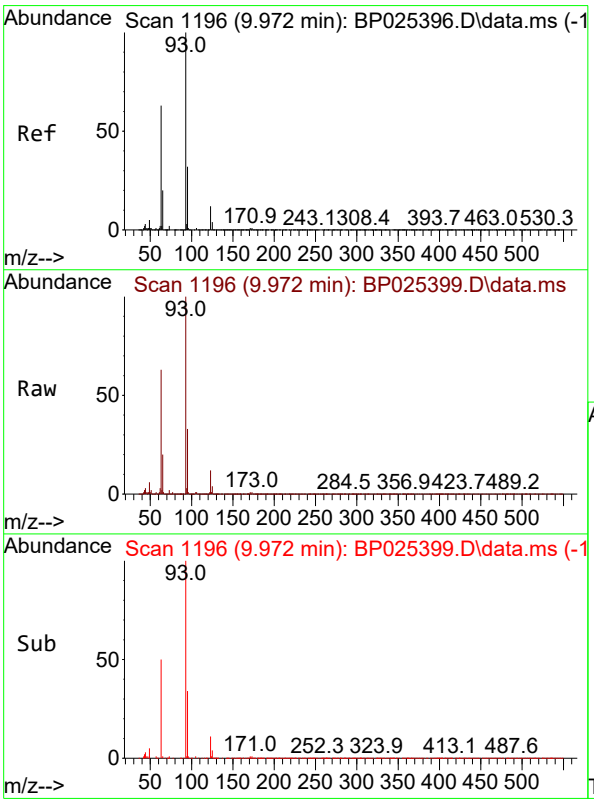
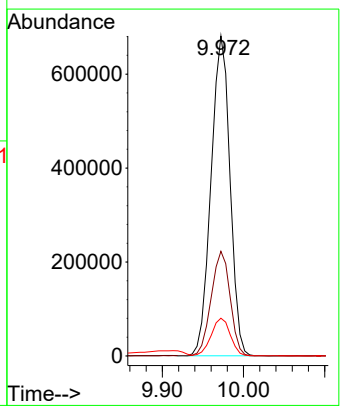
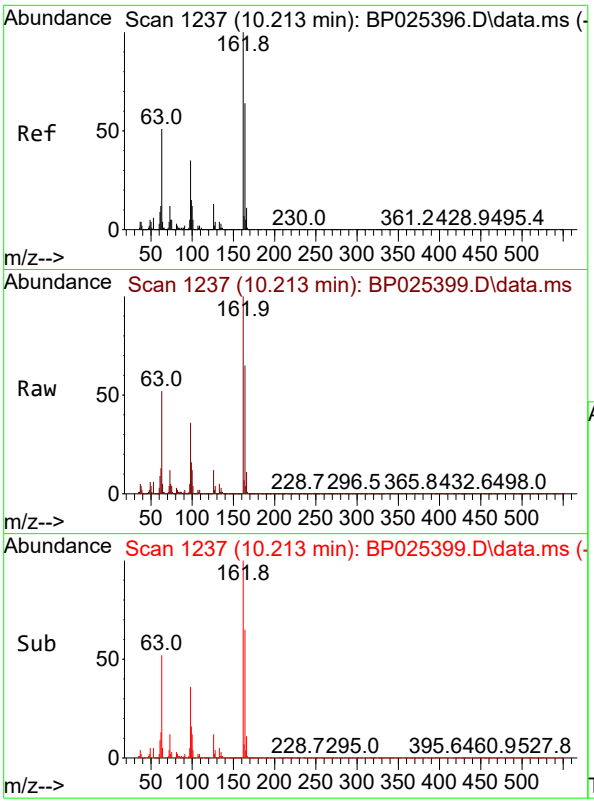


#28
bis(2-Chloroethoxy)methane
Concen: 77.542 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 93 Resp: 1103640

Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.4	38.0
123	11.8	9.4	14.0

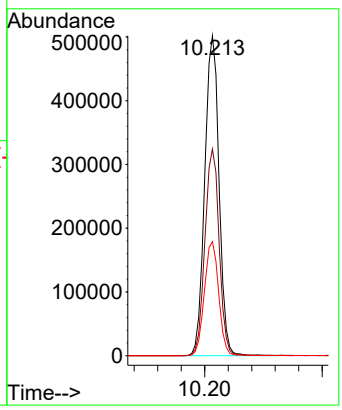




#29
2,4-Dichlorophenol
Concen: 81.037 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:162 Resp: 84478

Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.4	84.4
98	35.6	14.9	54.9



Instrument :
BNA_P
ClientSampleId :
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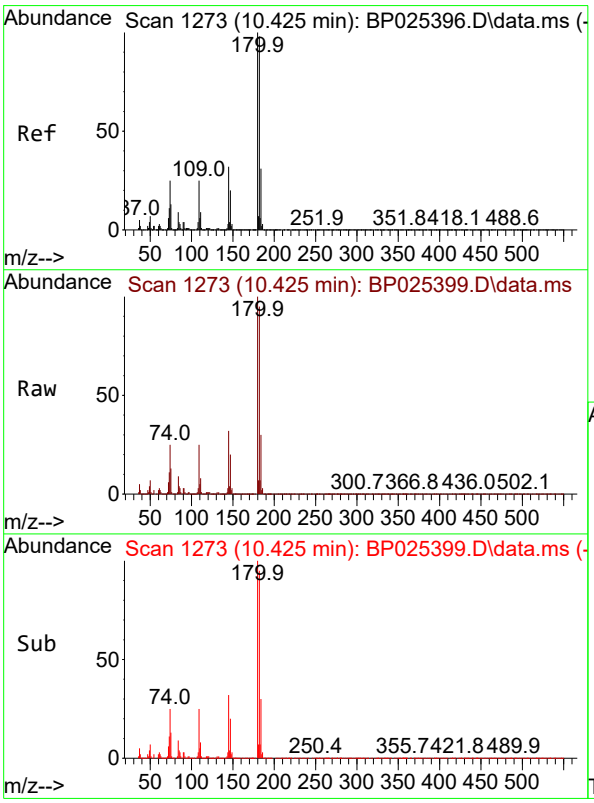
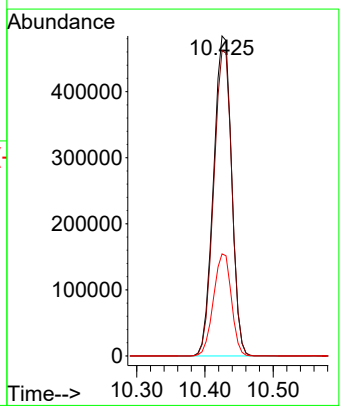
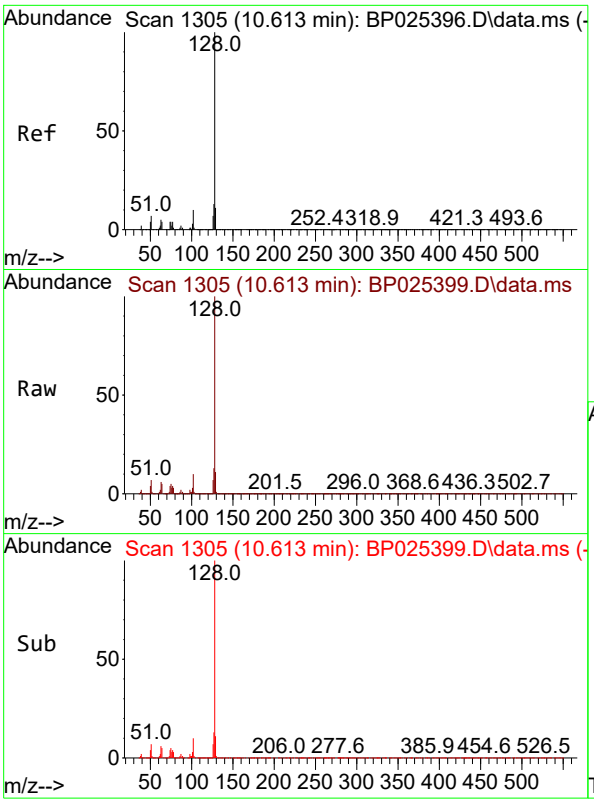


#30
1,2,4-Trichlorobenzene
Concen: 78.123 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:180 Resp: 892771

Ion	Ratio	Lower	Upper
180	100		
182	95.4	78.0	117.0
145	31.9	25.9	38.9

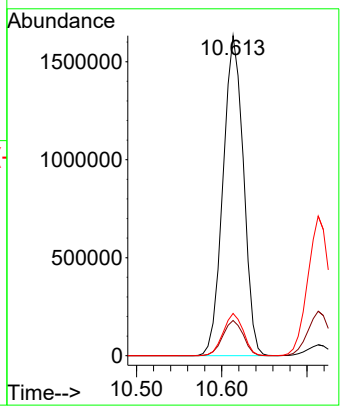




#31
Naphthalene
Concen: 77.835 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:128 Resp: 272270

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.2	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
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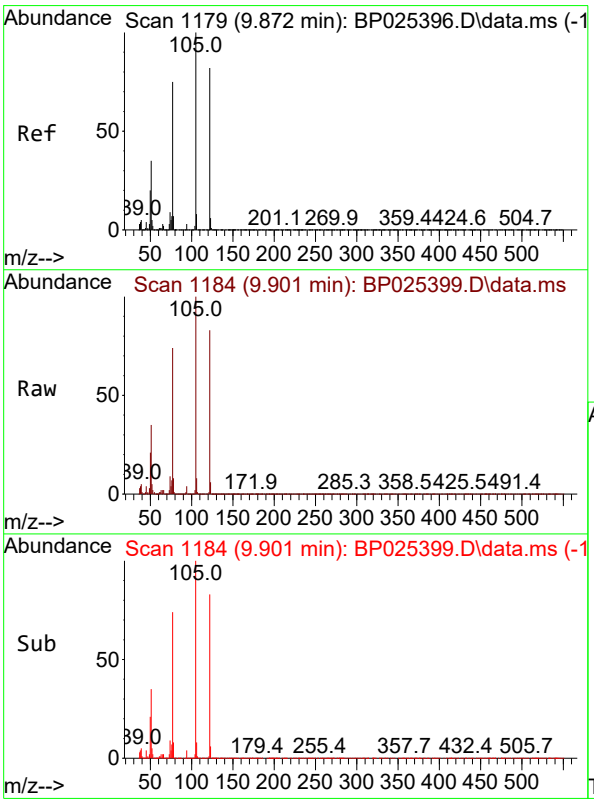
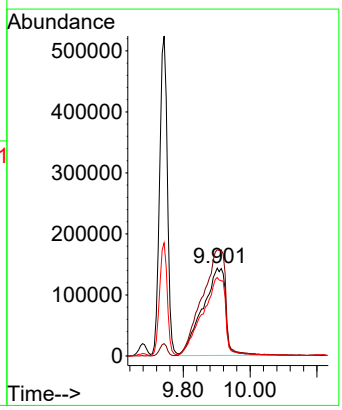
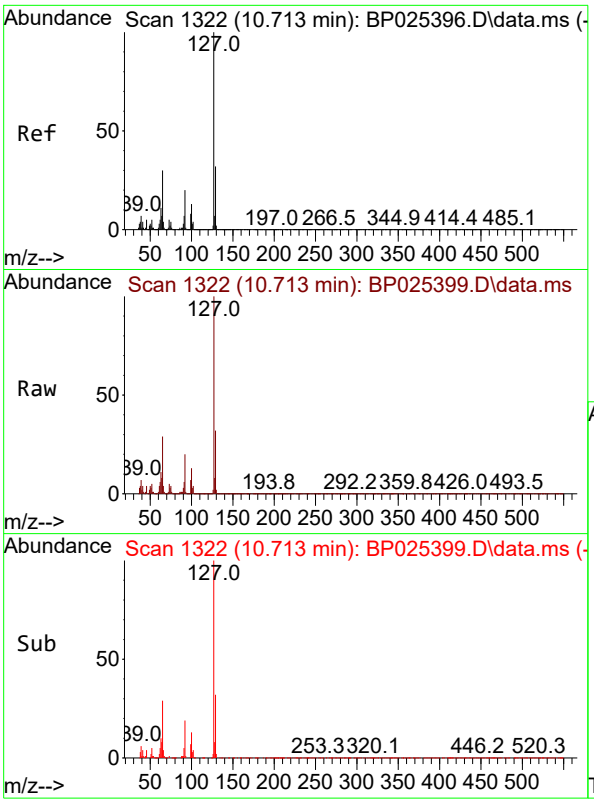


#32
Benzoic acid
Concen: 88.861 ng
RT: 9.901 min Scan# 1184
Delta R.T. 0.029 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:122 Resp: 686791

Ion	Ratio	Lower	Upper
122	100		
105	121.0	100.6	140.6
77	89.3	71.5	111.5

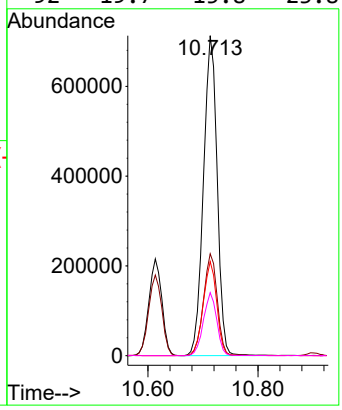




#33
4-Chloroaniline
Concen: 79.761 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:127 Resp: 123243

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.4	38.2
65	29.4	23.8	35.6
92	19.7	15.8	23.8



Instrument :
BNA_P
ClientSampleId :
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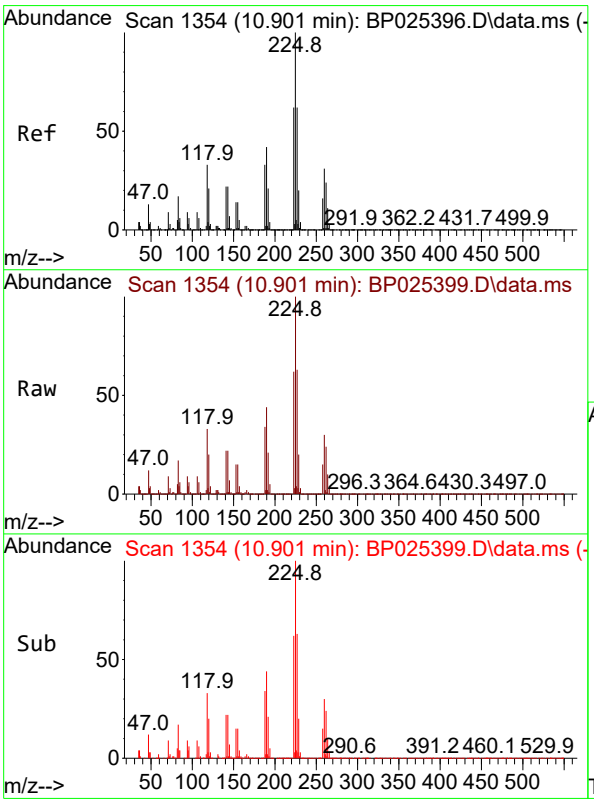
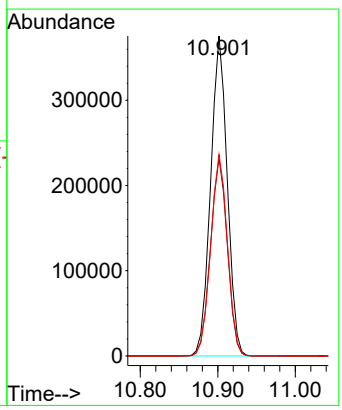
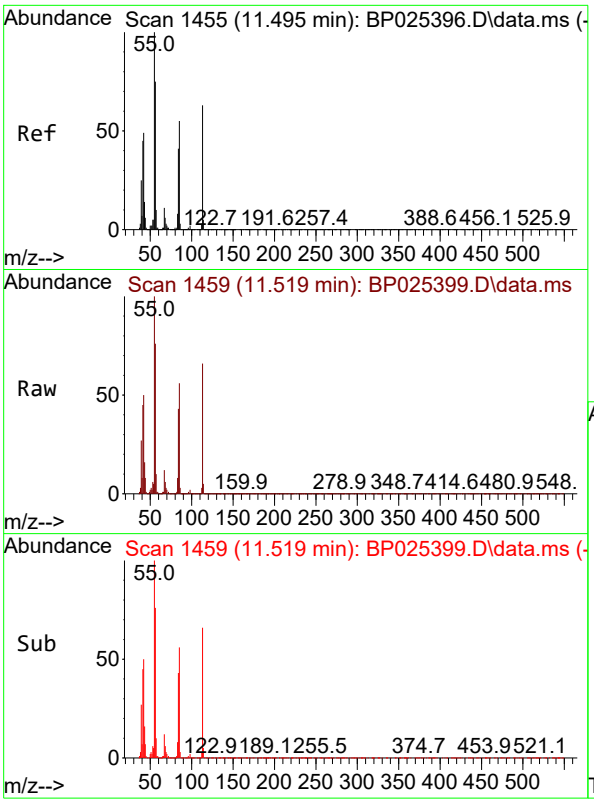


#34
Hexachlorobutadiene
Concen: 78.393 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

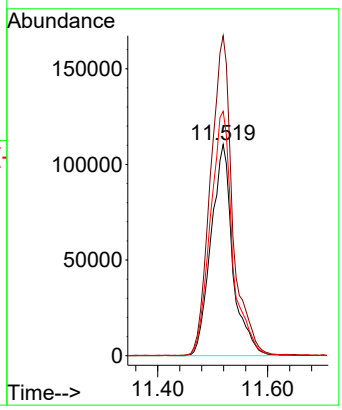




#35
Caprolactam
Concen: 79.233 ng
RT: 11.519 min Scan# 14
Delta R.T. 0.024 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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 :
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ClientSampleId :
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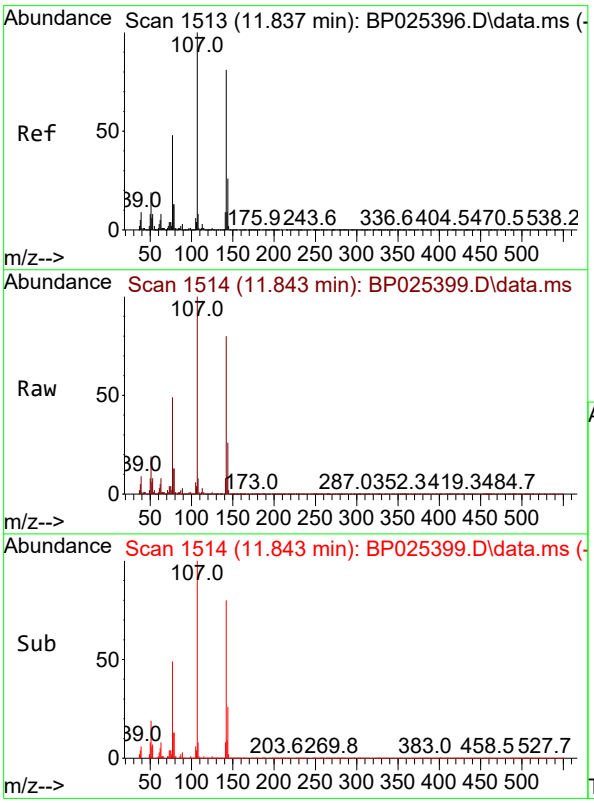
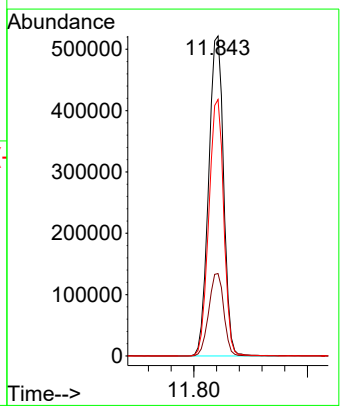
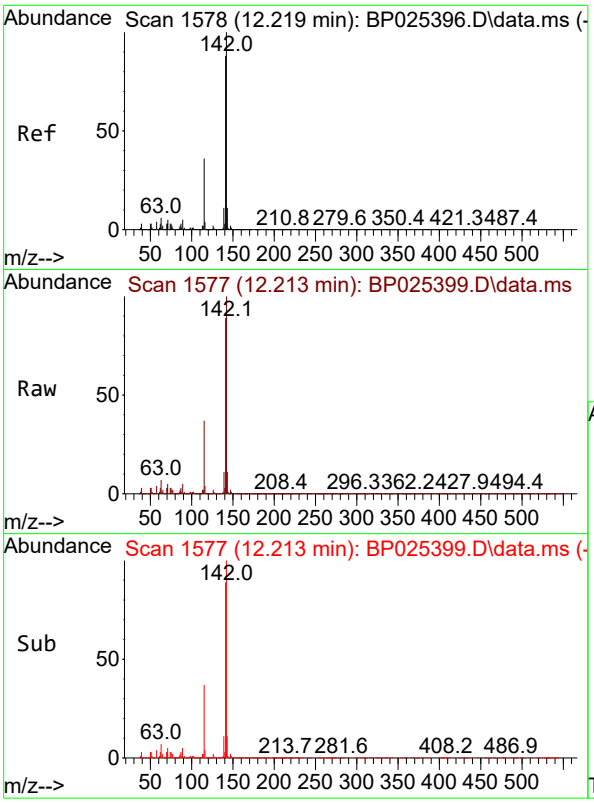


#36
4-Chloro-3-methylphenol
Concen: 79.399 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

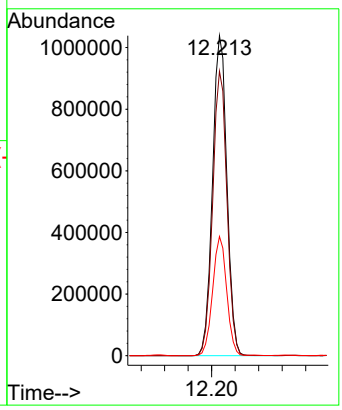




#37
2-Methylnaphthalene
Concen: 77.372 ng
RT: 12.213 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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 :
BNA_P
ClientSampleId :
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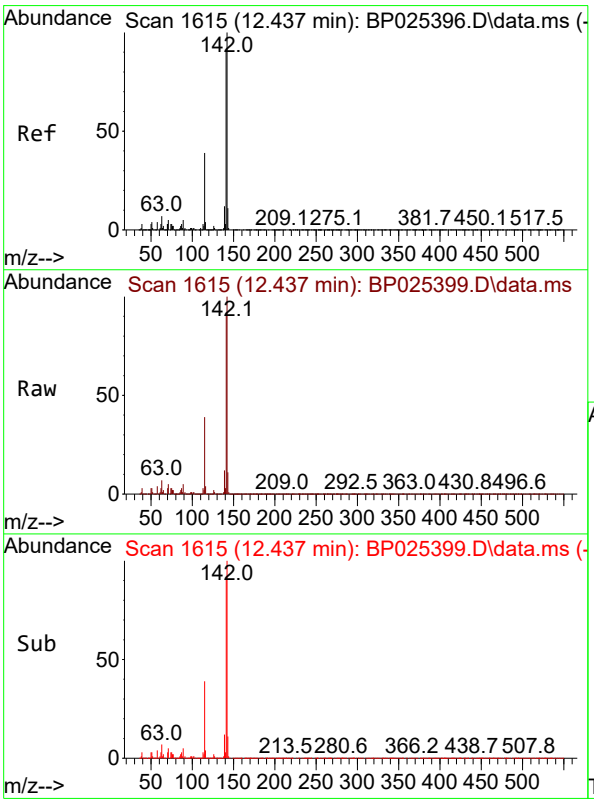
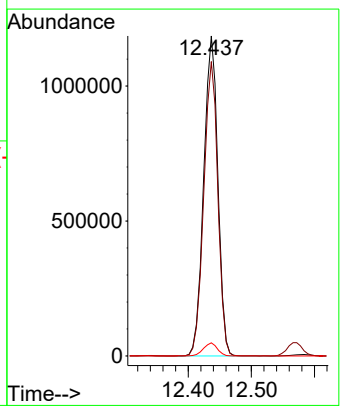
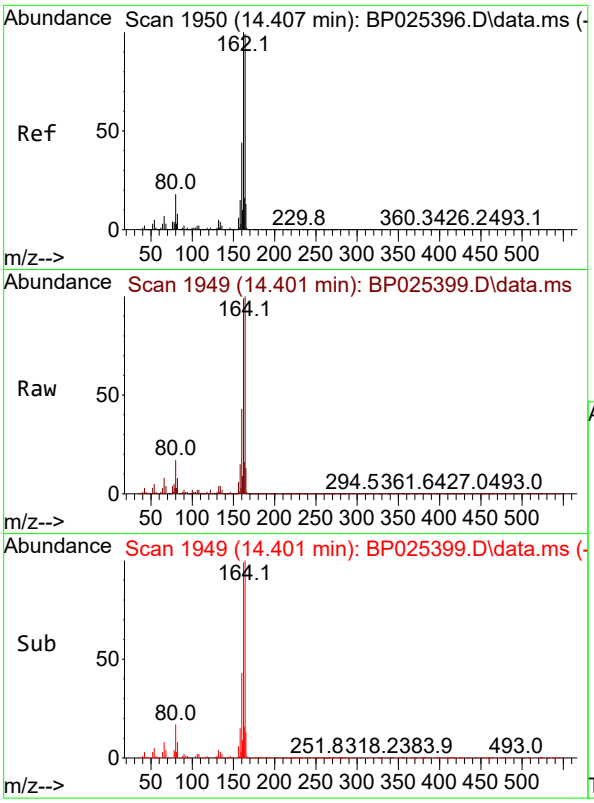


#38
1-Methylnaphthalene
Concen: 76.186 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

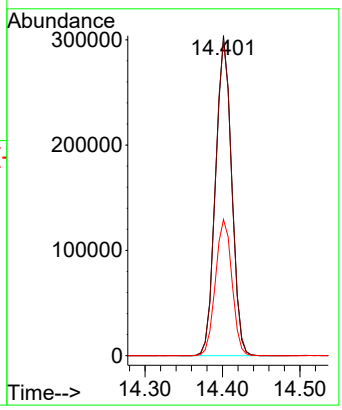




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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 :
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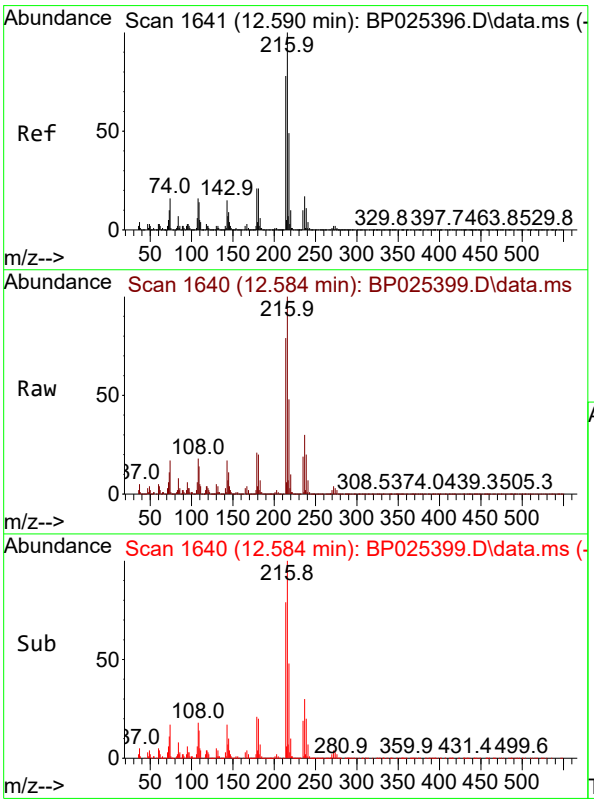
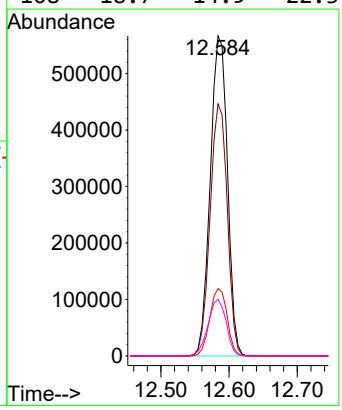
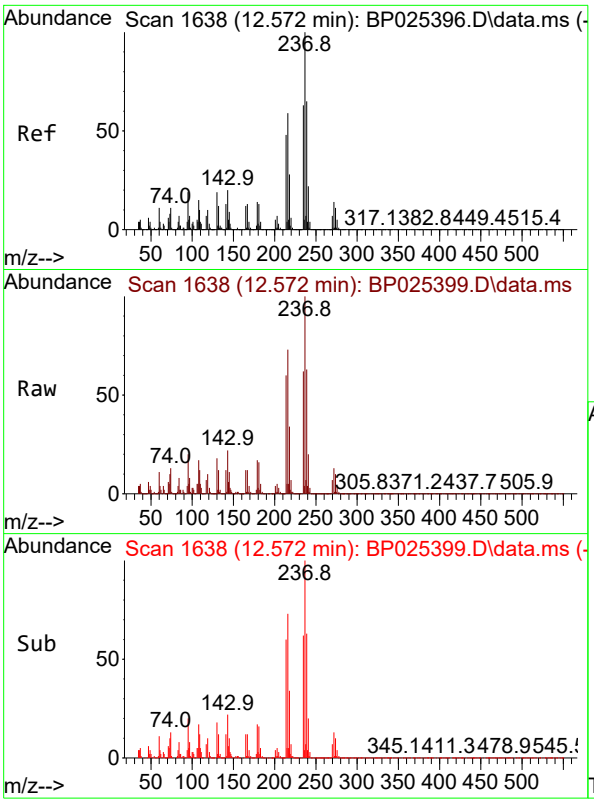


#40
1,2,4,5-Tetrachlorobenzene
Concen: 79.014 ng
RT: 12.584 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

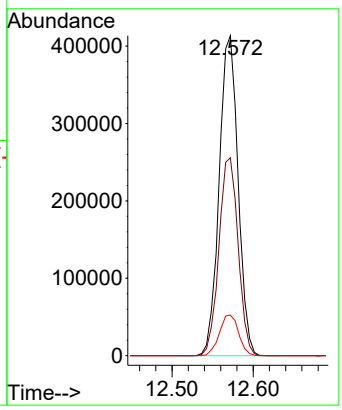




#41
Hexachlorocyclopentadiene
Concen: 87.916 ng
RT: 12.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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 :
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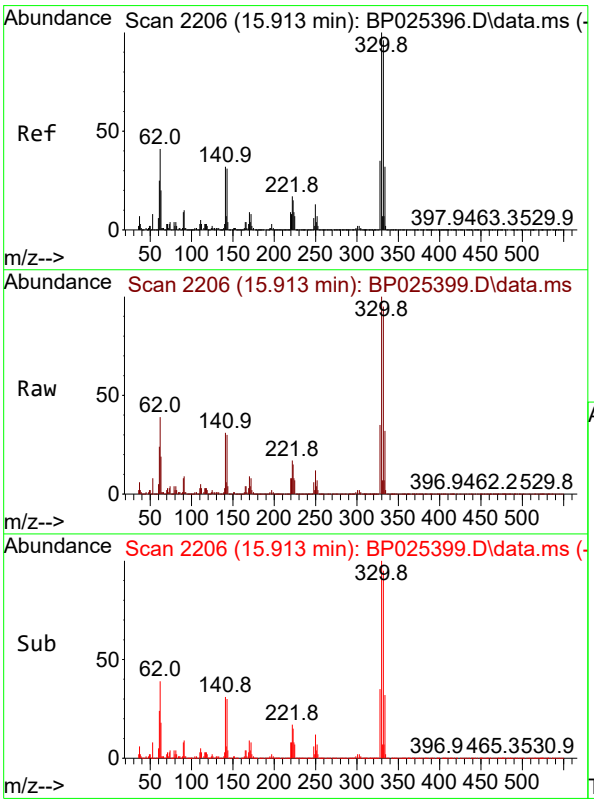
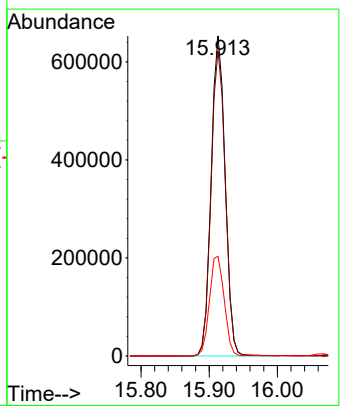
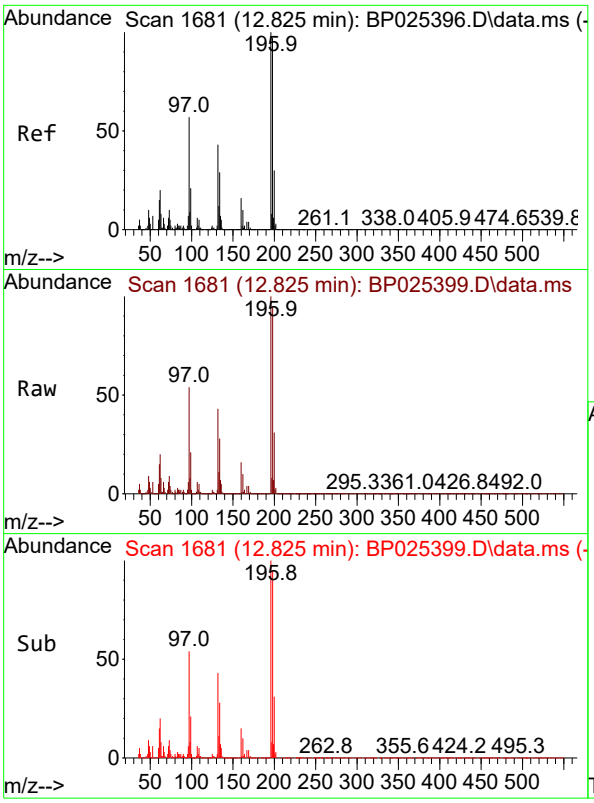


#42
2,4,6-Tribromophenol
Concen: 159.559 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

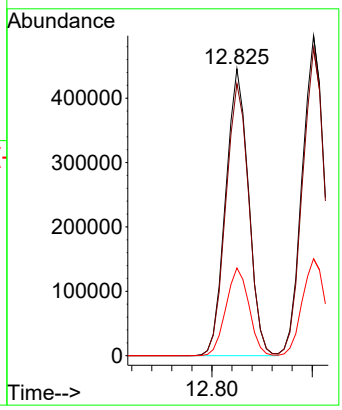




#43
2,4,6-Trichlorophenol
Concen: 83.096 ng
RT: 12.825 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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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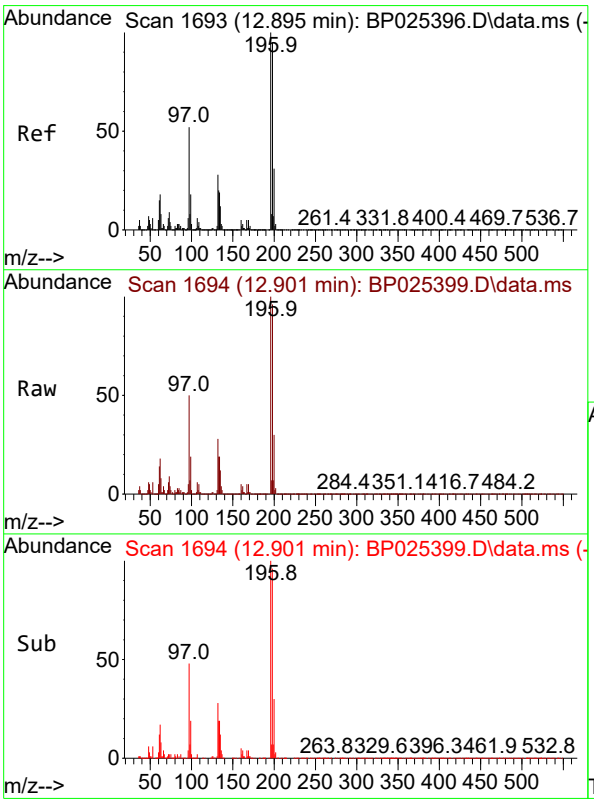
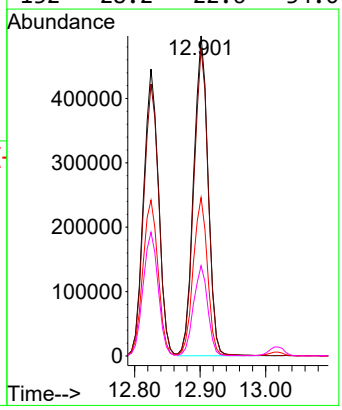
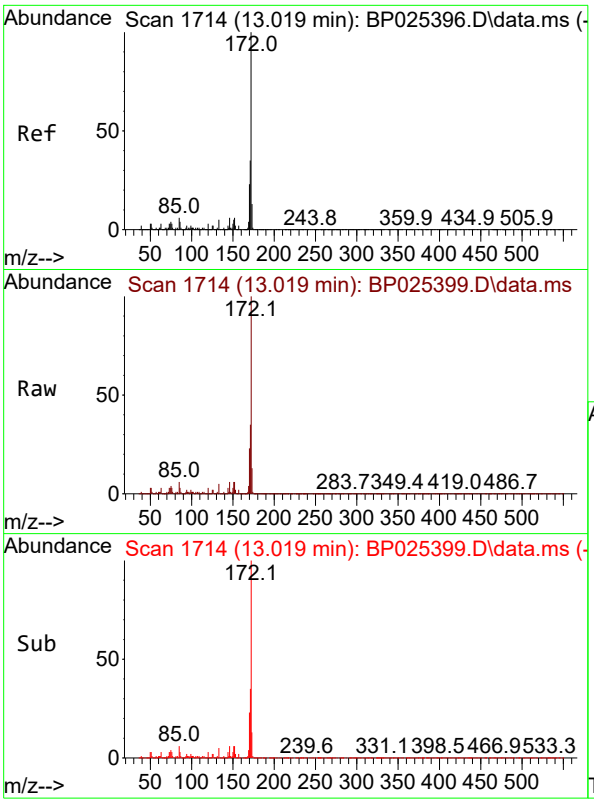


#44
2,4,5-Trichlorophenol
Concen: 81.870 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:196 Resp: 762861

Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.2	114.2
97	49.5	41.2	61.8
132	28.2	22.6	34.0

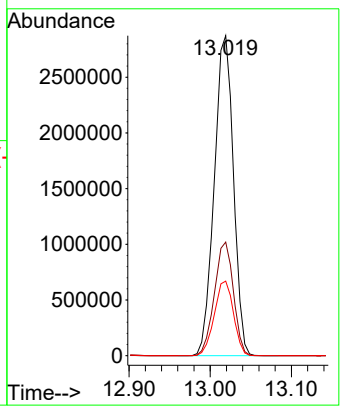




#45
2-Fluorobiphenyl
Concen: 147.705 ng
RT: 13.019 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:172 Resp: 471259

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.1	42.1
170	23.3	18.6	28.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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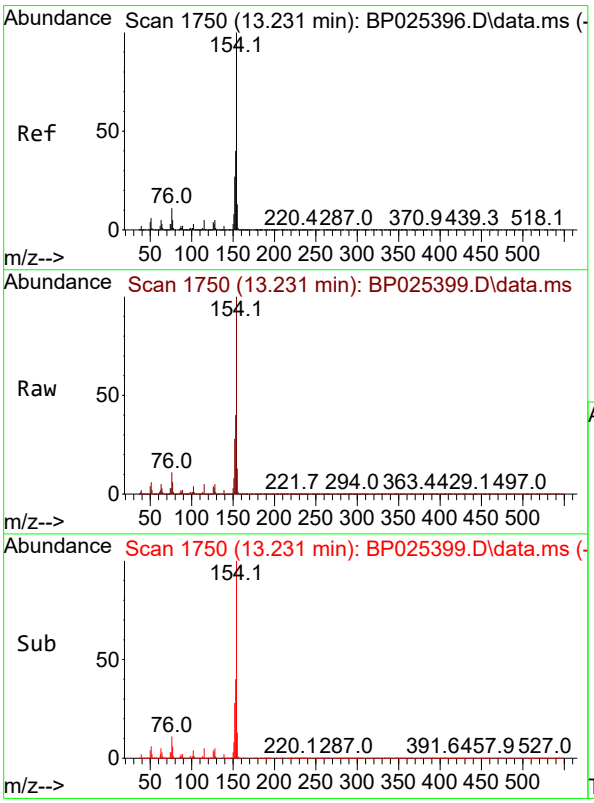
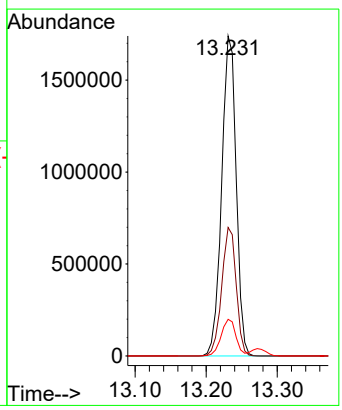
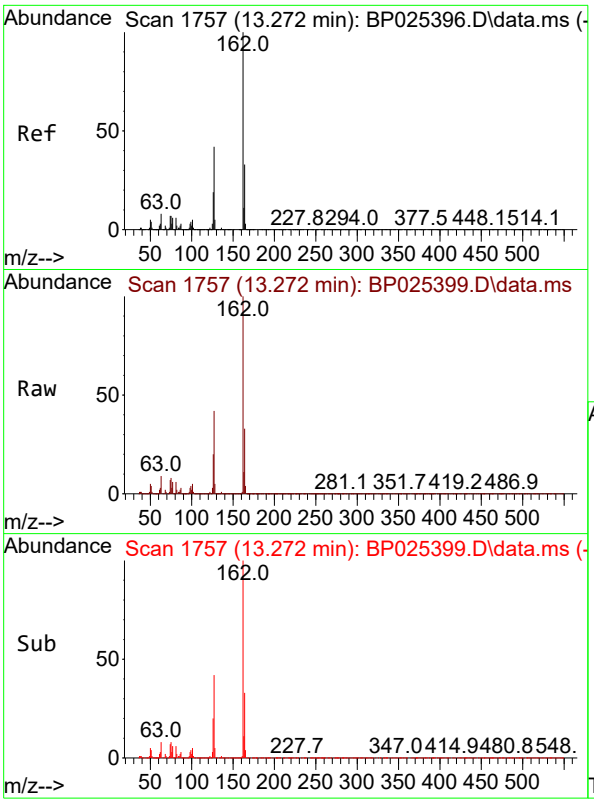


#46
1,1'-Biphenyl
Concen: 77.476 ng
RT: 13.231 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:154 Resp: 2453536

Ion	Ratio	Lower	Upper
154	100		
153	40.2	19.5	59.5
76	11.5	0.0	31.1

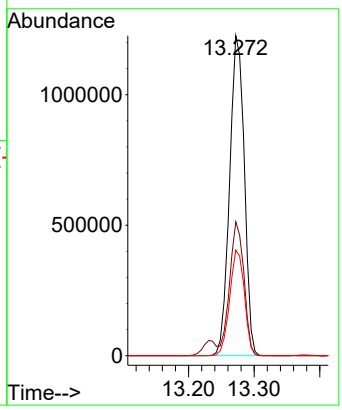




#47
2-Chloronaphthalene
Concen: 77.804 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:162 Resp: 191812

Ion	Ratio	Lower	Upper
162	100		
127	41.9	33.4	50.2
164	33.0	26.2	39.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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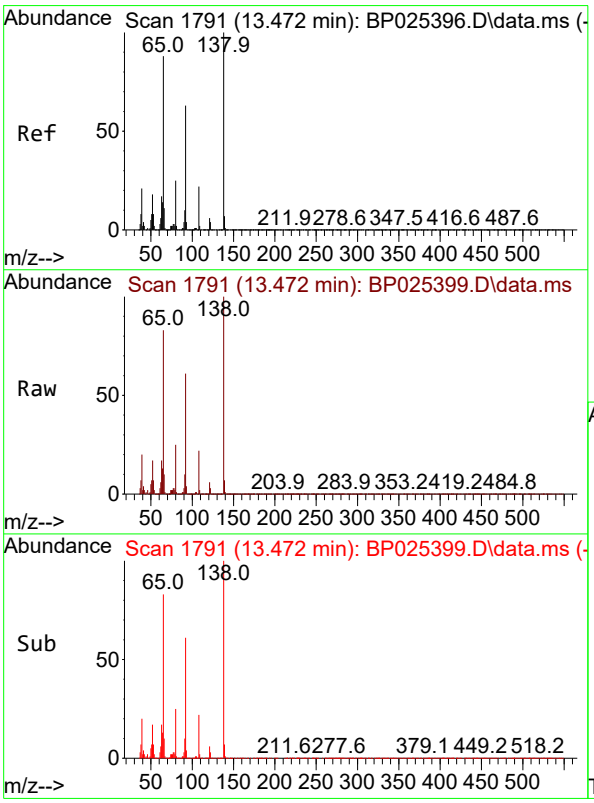
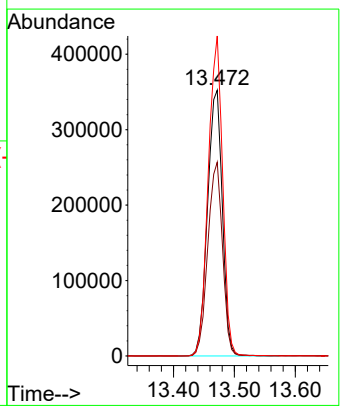
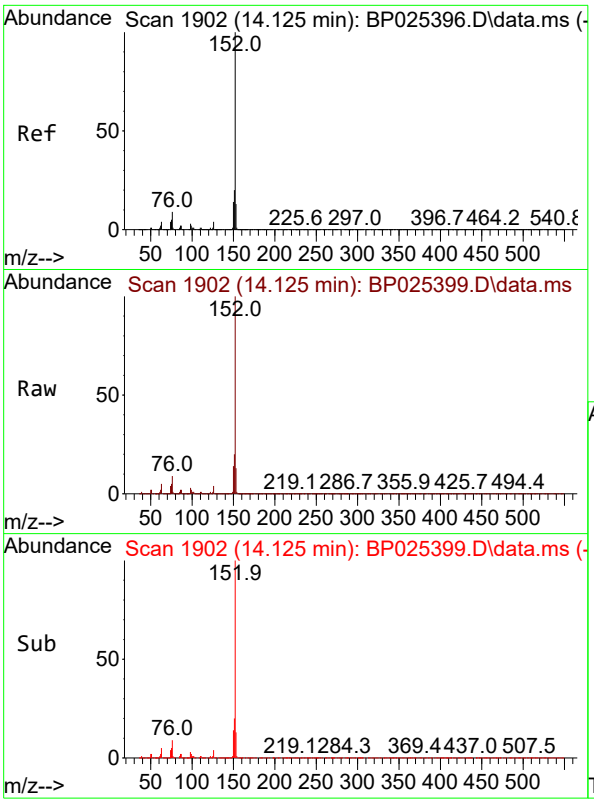


#48
2-Nitroaniline
Concen: 82.788 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 65 Resp: 594696

Ion	Ratio	Lower	Upper
65	100		
92	72.9	57.6	86.4
138	120.4	91.0	136.6

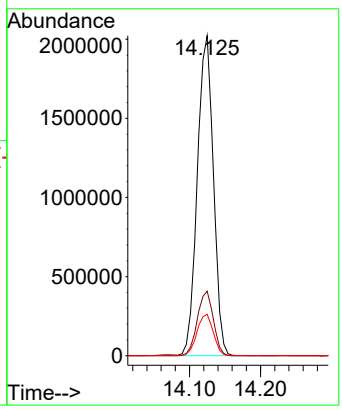




#49
Acenaphthylene
Concen: 78.318 ng
RT: 14.125 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:152 Resp: 319491

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.0	24.0
153	13.0	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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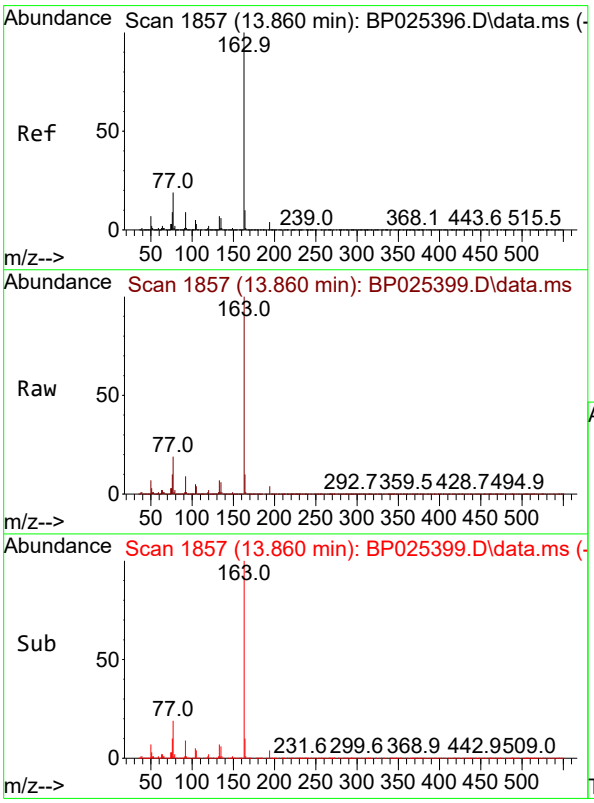
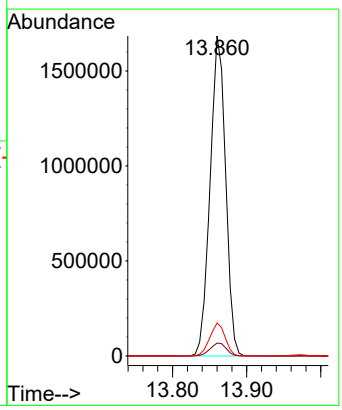
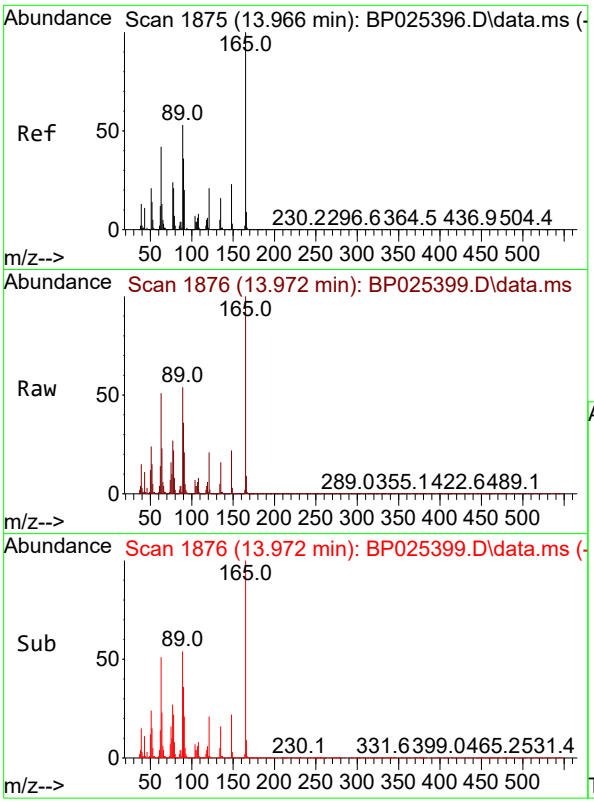


#50
Dimethylphthalate
Concen: 76.632 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:163 Resp: 2446951

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.3	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 80.639 ng
RT: 13.972 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:165 Resp: 54271

Ion	Ratio	Lower	Upper
165	100		
63	51.0	40.9	61.3
89	54.4	42.1	63.1

Instrument :
BNA_P
ClientSampleId :
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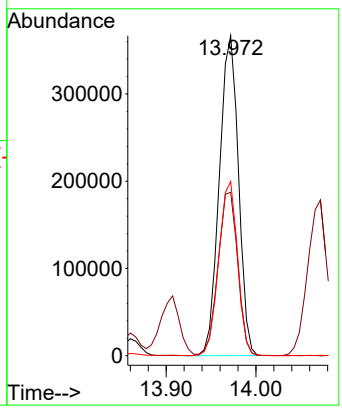
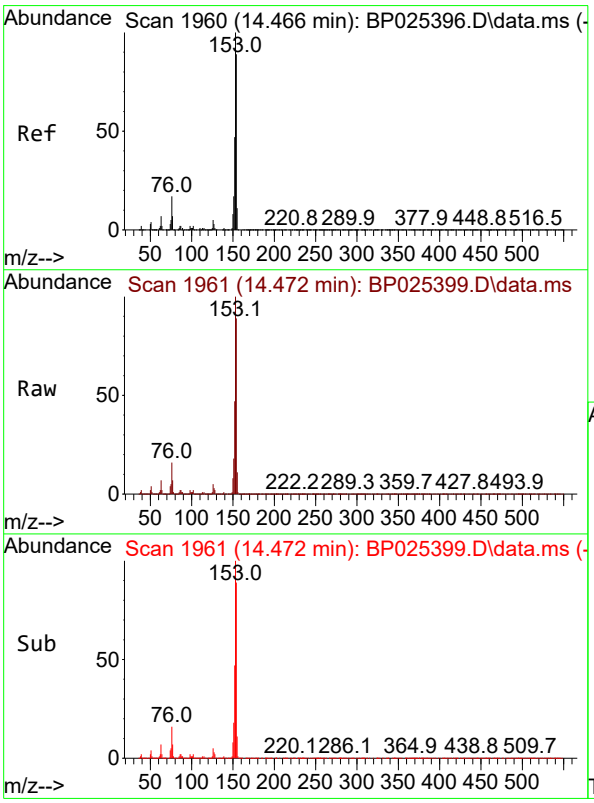
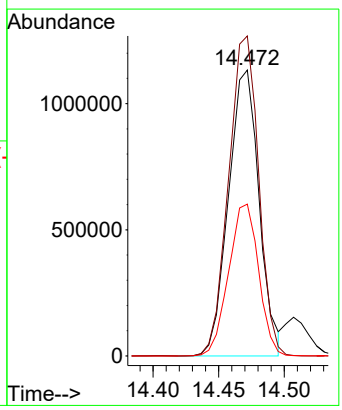


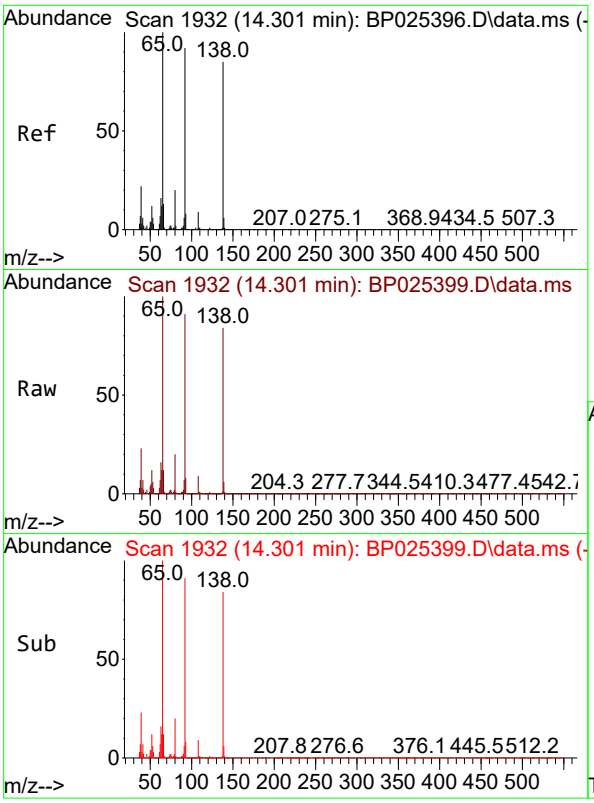


#52
Acenaphthene
Concen: 76.902 ng
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

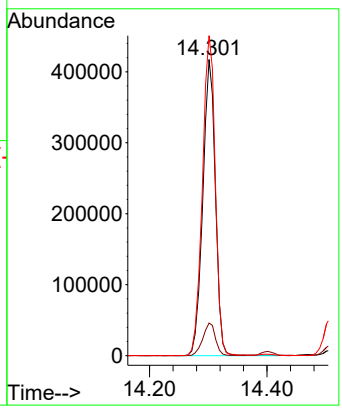




#53
3-Nitroaniline
Concen: 81.627 ng
RT: 14.301 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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



Instrument :
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ClientSampleId :
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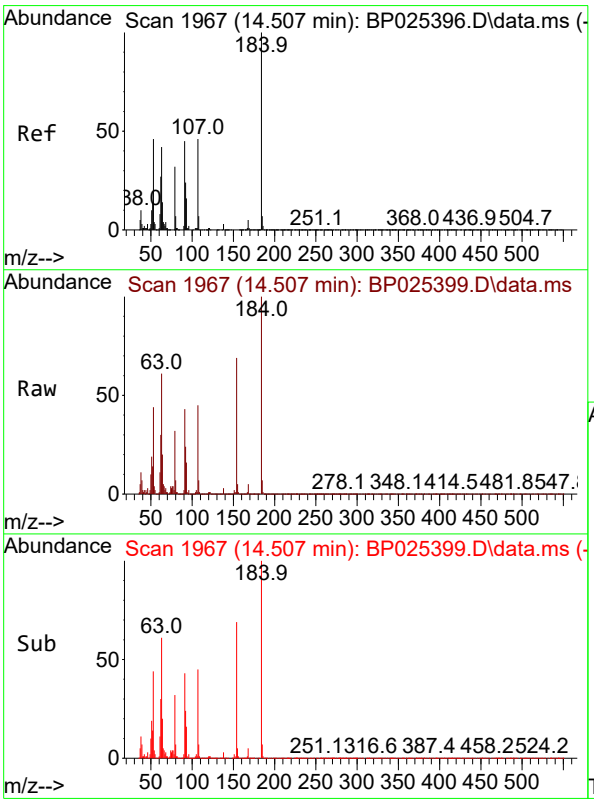
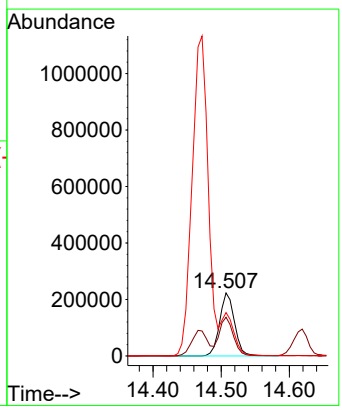
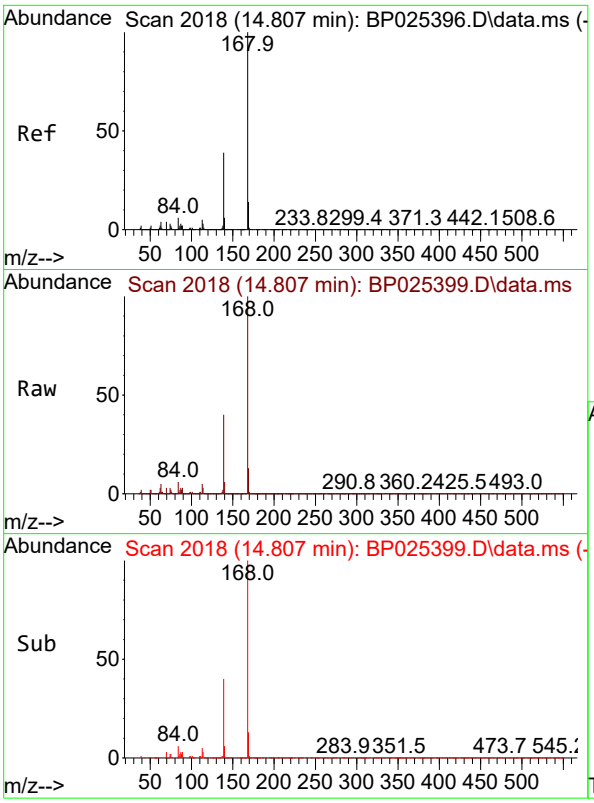


#54
2,4-Dinitrophenol
Concen: 94.356 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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

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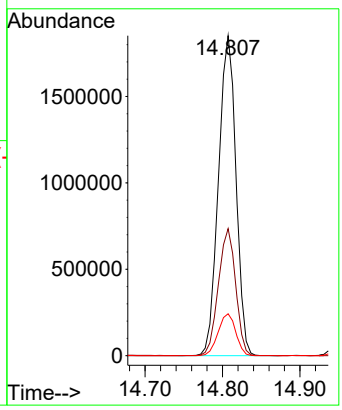
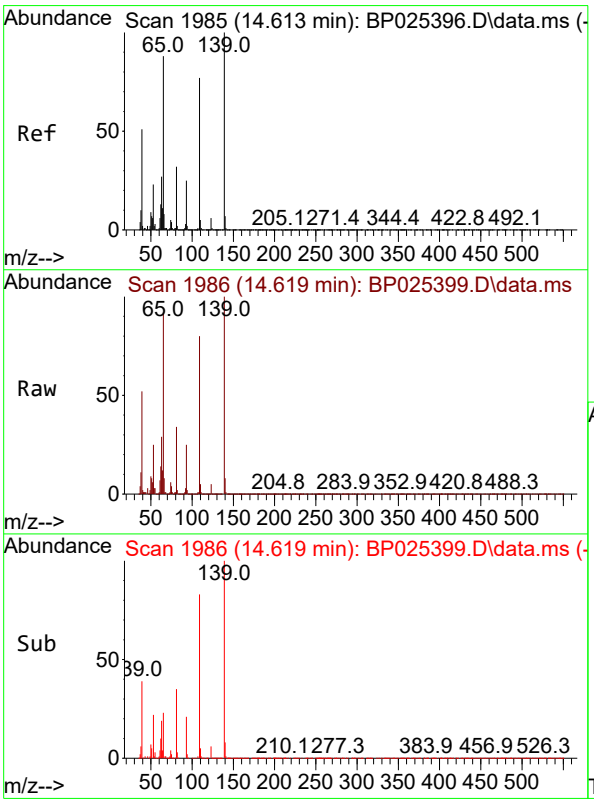
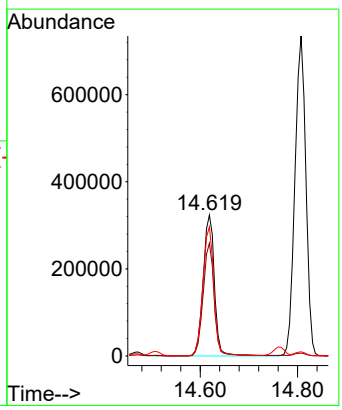


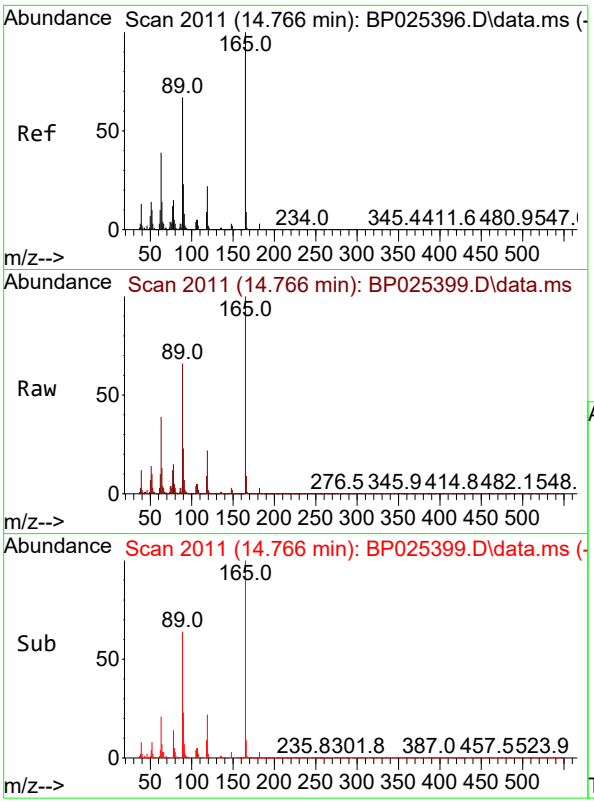


#56
4-Nitrophenol
Concen: 83.618 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

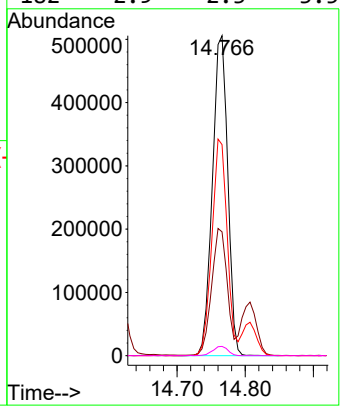




#57
2,4-Dinitrotoluene
Concen: 82.399 ng
RT: 14.766 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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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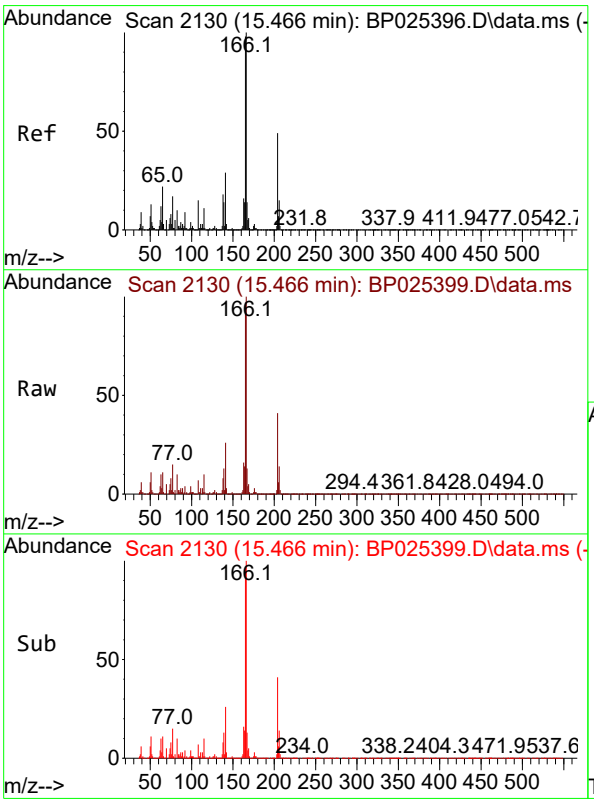
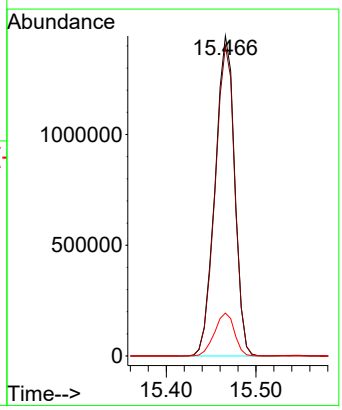
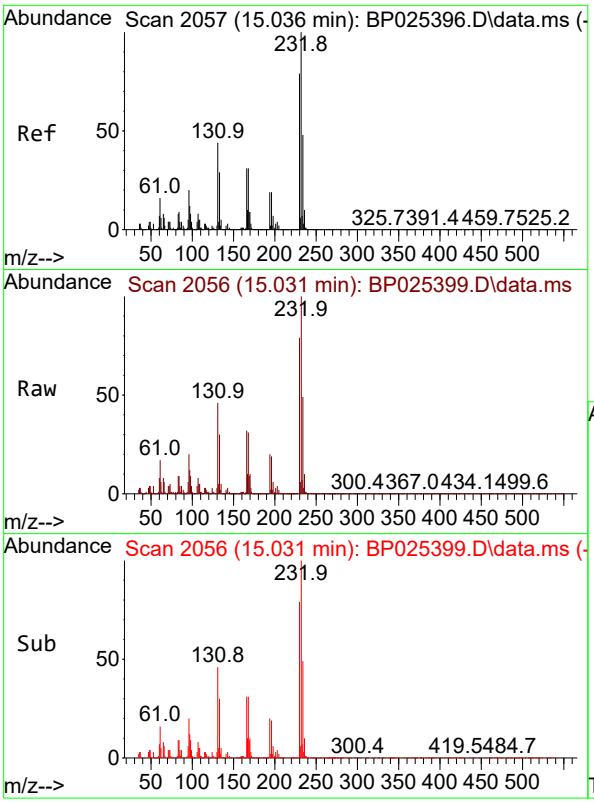


#58
Fluorene
Concen: 73.164 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

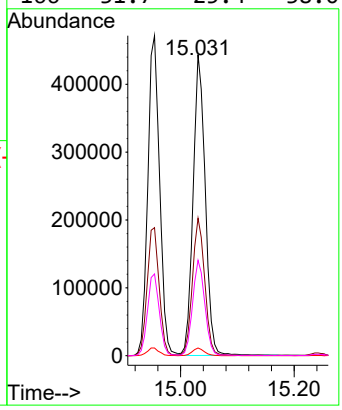




#59
2,3,4,6-Tetrachlorophenol
Concen: 80.448 ng
RT: 15.031 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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 :
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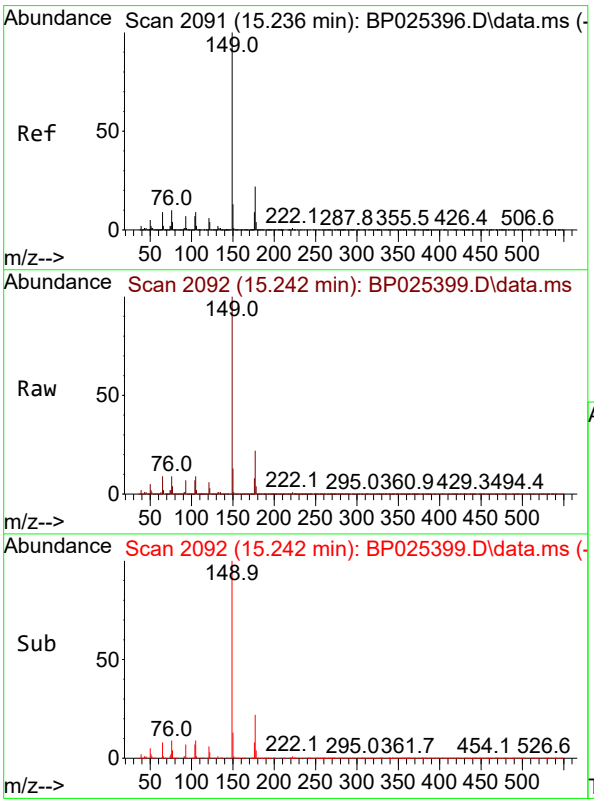
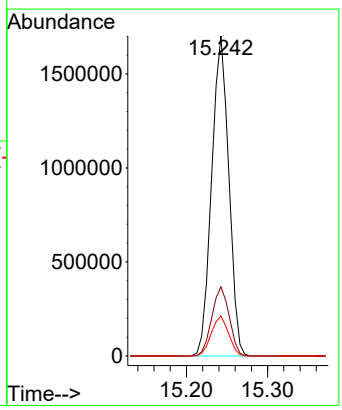
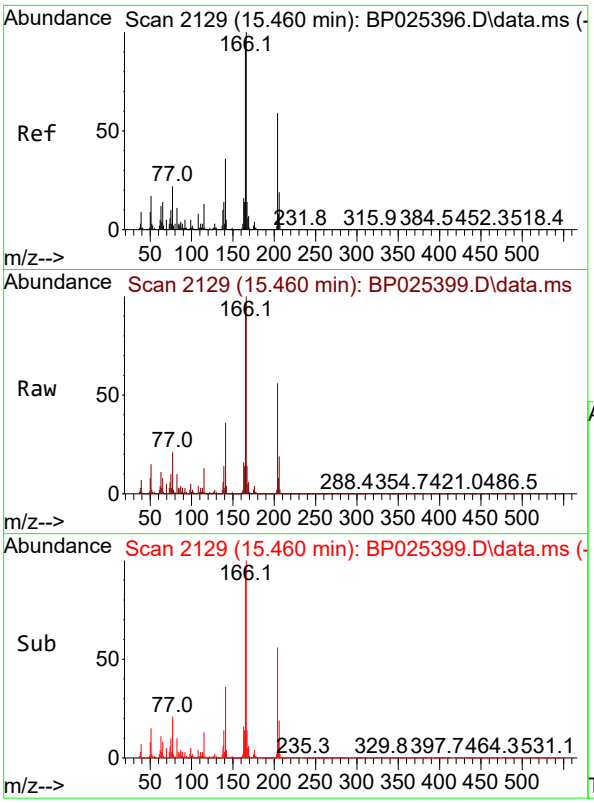


#60
Diethylphthalate
Concen: 76.870 ng
RT: 15.242 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

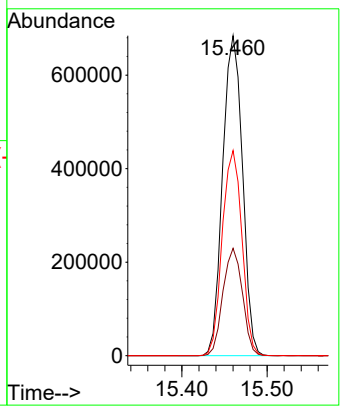




#61
4-Chlorophenyl-phenylether
Concen: 74.388 ng
RT: 15.460 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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 :
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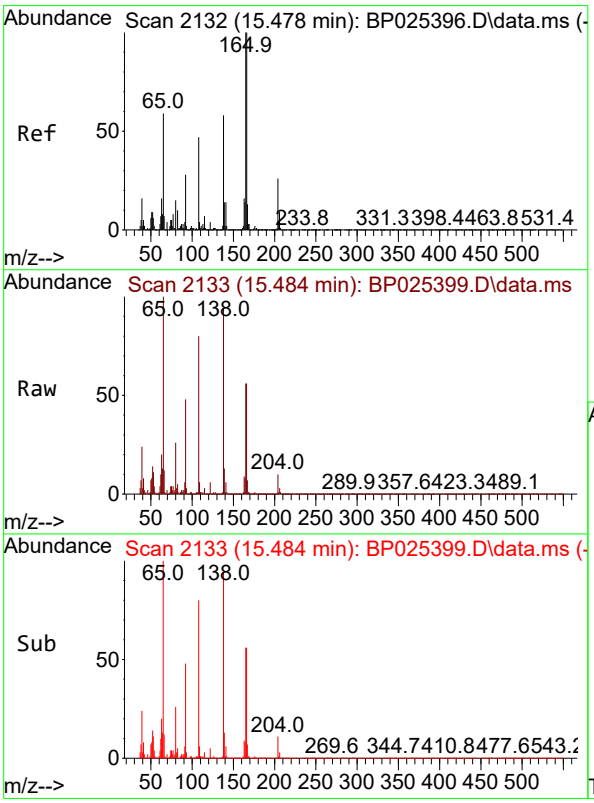
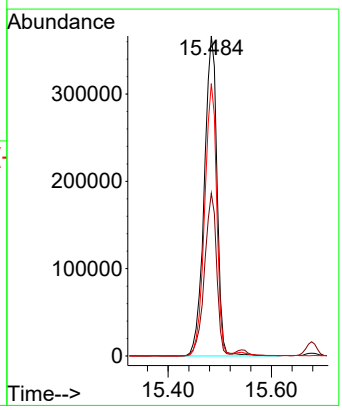
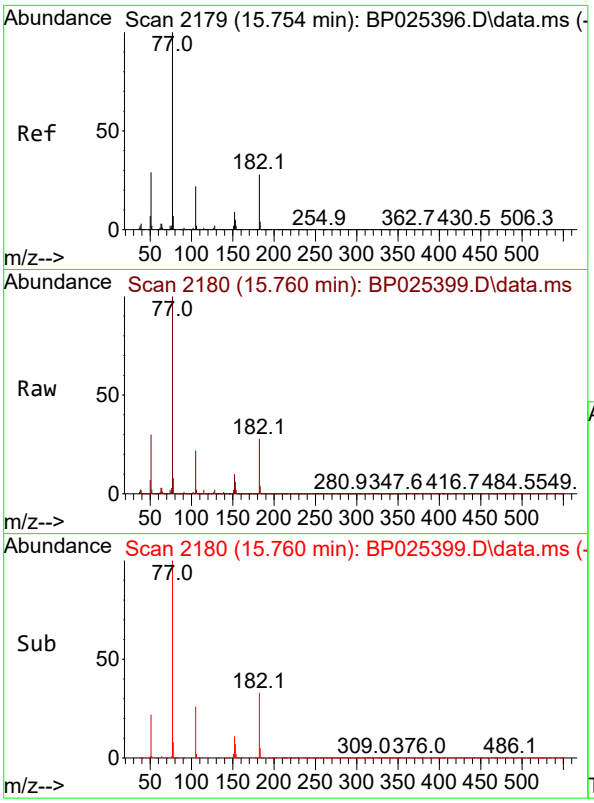


#62
4-Nitroaniline
Concen: 80.710 ng
RT: 15.484 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:138 Resp: 626525

Ion	Ratio	Lower	Upper
138	100		
92	50.8	29.1	69.1
108	85.1	61.5	101.5

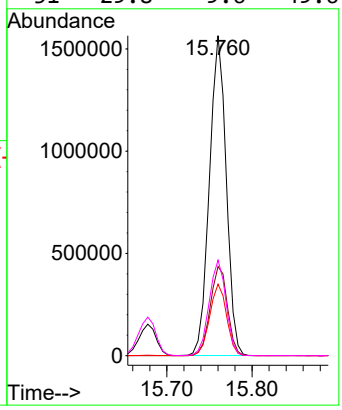




#63
Azobenzene
Concen: 77.017 ng
RT: 15.760 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 77 Resp: 213967

Ion	Ratio	Lower	Upper
77	100		
182	27.9	7.5	47.5
105	22.3	2.1	42.1
51	29.8	9.6	49.6



Instrument :
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ClientSampleId :
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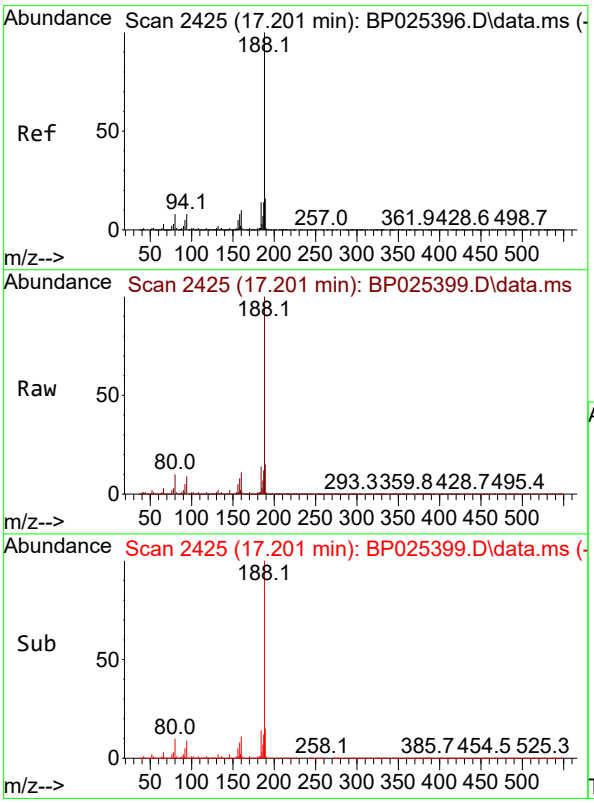
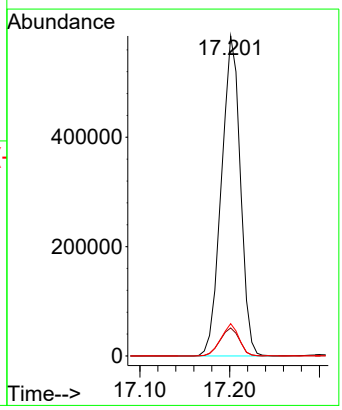
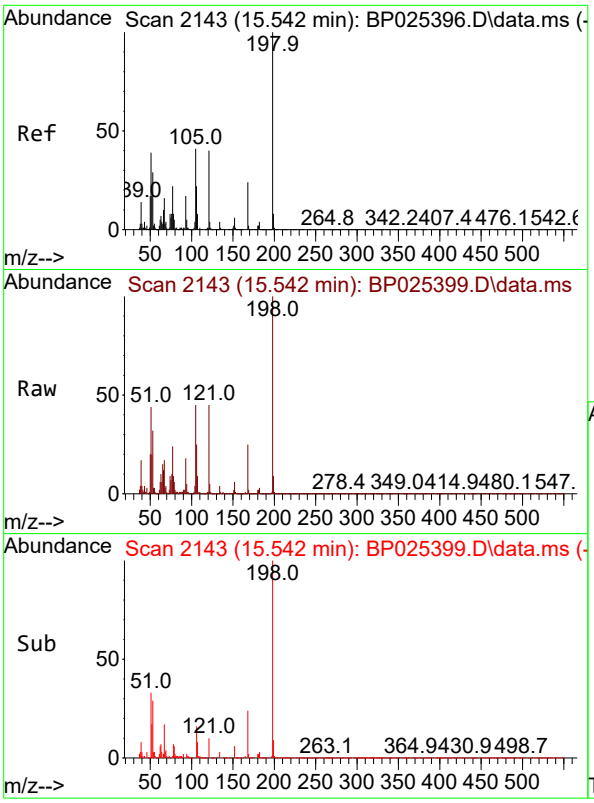


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:188 Resp: 856946

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	10.1	6.7	10.1#

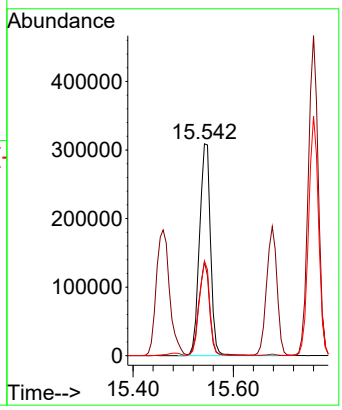




#65
4,6-Dinitro-2-methylphenol
Concen: 88.473 ng
RT: 15.542 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:198 Resp: 47260

Ion	Ratio	Lower	Upper
198	100		
51	44.3	19.6	59.6
105	44.6	20.9	60.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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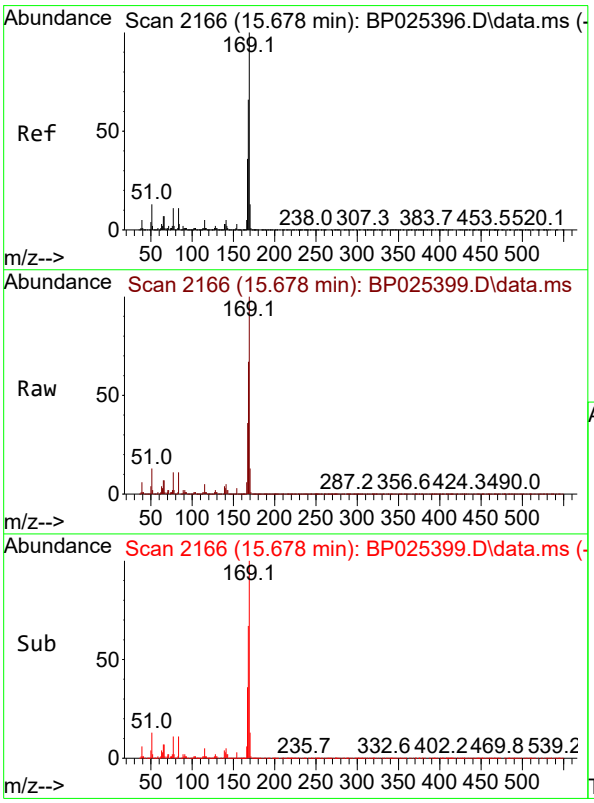
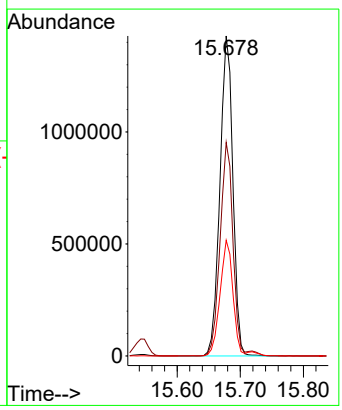
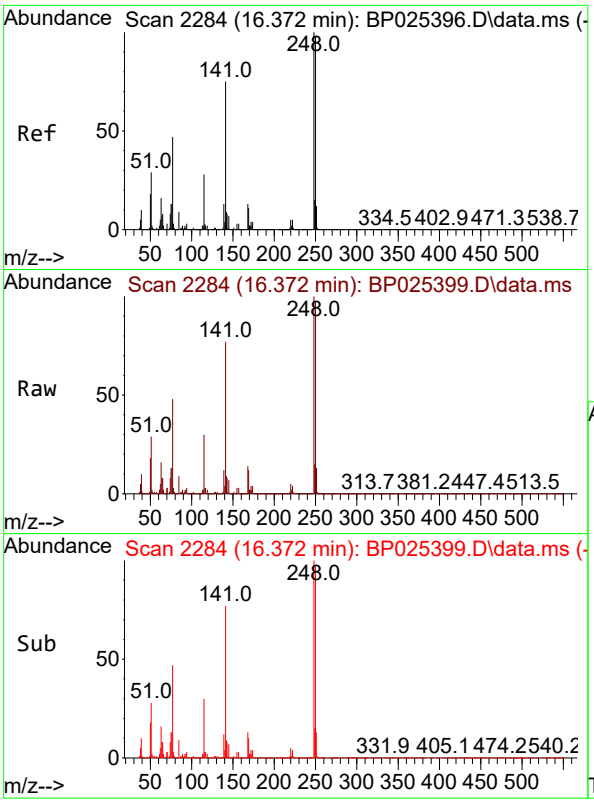


#66
n-Nitrosodiphenylamine
Concen: 77.866 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:169 Resp: 2034782

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.2	79.8
167	36.2	28.7	43.1





#67
4-Bromophenyl-phenylether
Concen: 79.144 ng
RT: 16.372 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:248 Resp: 74591

Ion	Ratio	Lower	Upper
248	100		
250	97.2	78.2	117.2
141	77.2	59.6	89.4

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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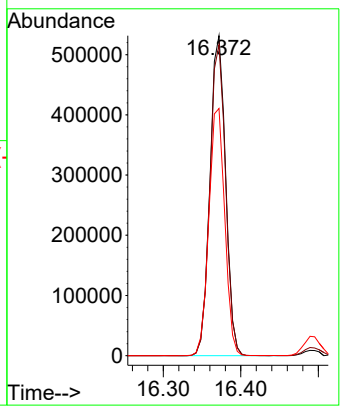
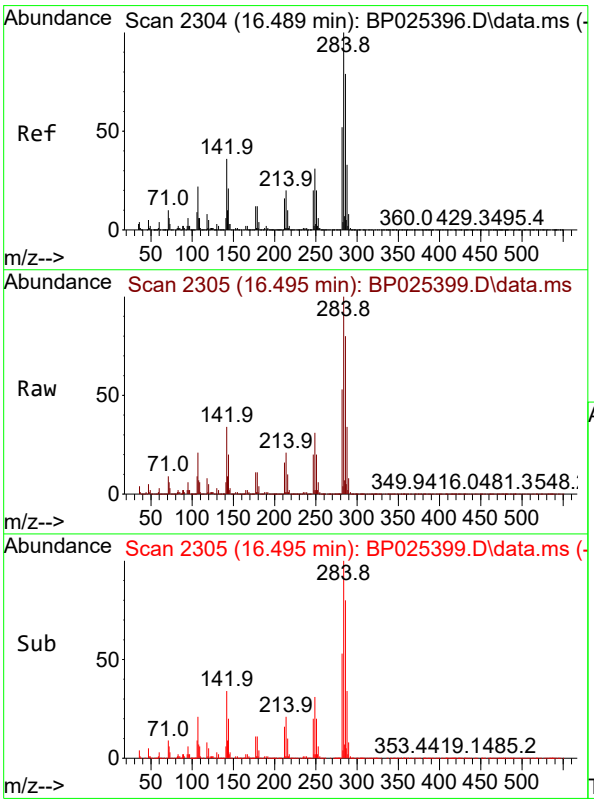
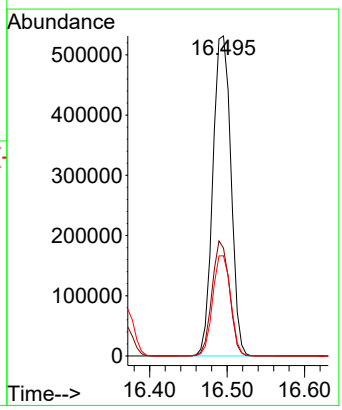


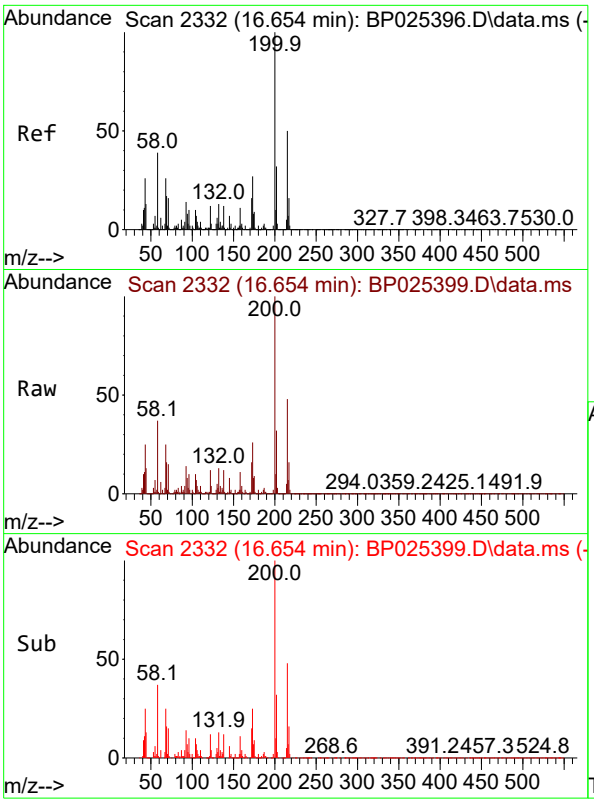


#68
Hexachlorobenzene
Concen: 78.721 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:284 Resp: 860051

Ion	Ratio	Lower	Upper
284	100		
142	33.7	29.1	43.7
249	31.3	25.0	37.4

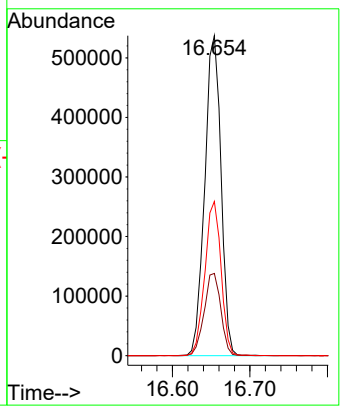




#69
Atrazine
Concen: 80.064 ng
RT: 16.654 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:200 Resp: 78353

Ion	Ratio	Lower	Upper
200	100		
173	25.7	6.7	46.7
215	48.2	29.7	69.7



Instrument :
BNA_P
ClientSampleId :
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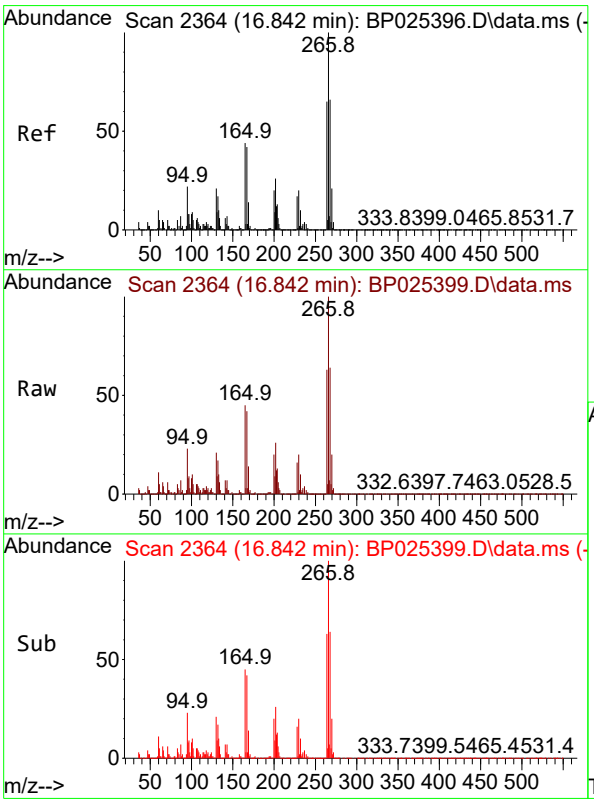
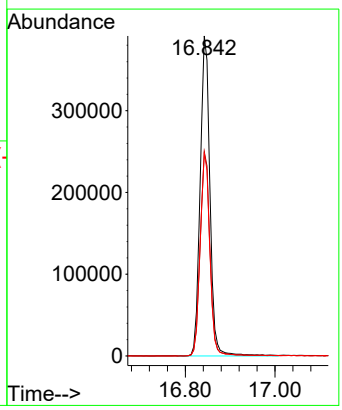
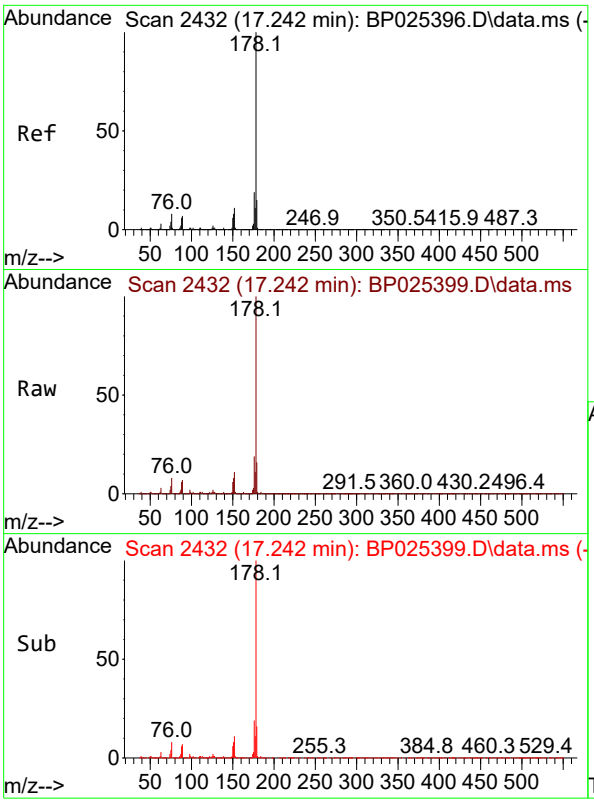


#70
Pentachlorophenol
Concen: 85.502 ng
RT: 16.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

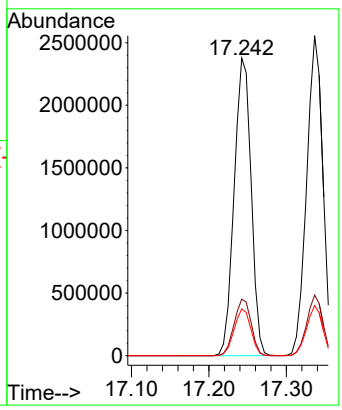




#71
Phenanthrene
Concen: 76.972 ng
RT: 17.242 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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 :
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ClientSampleId :
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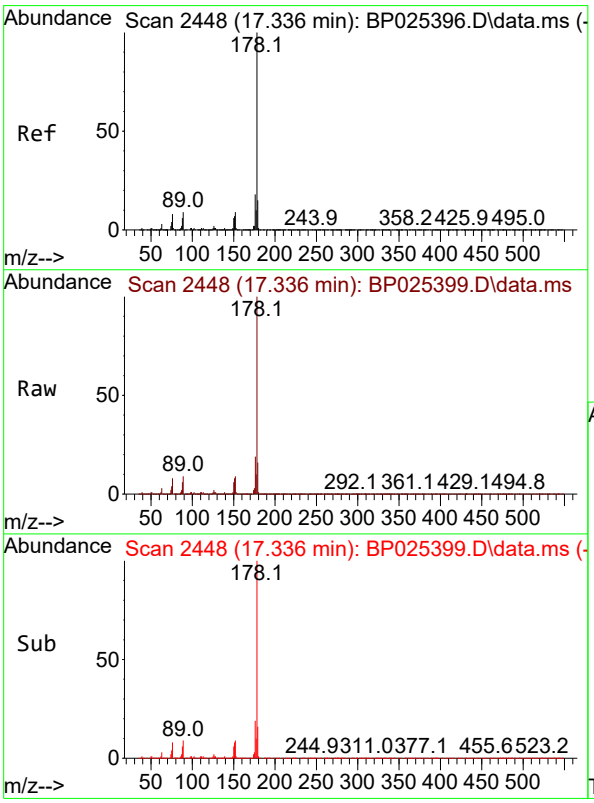
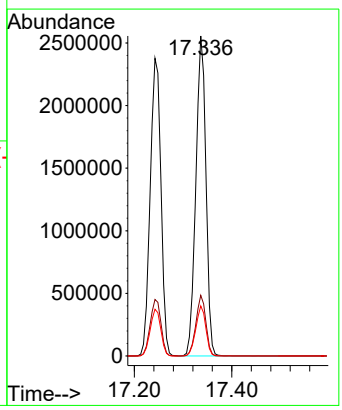
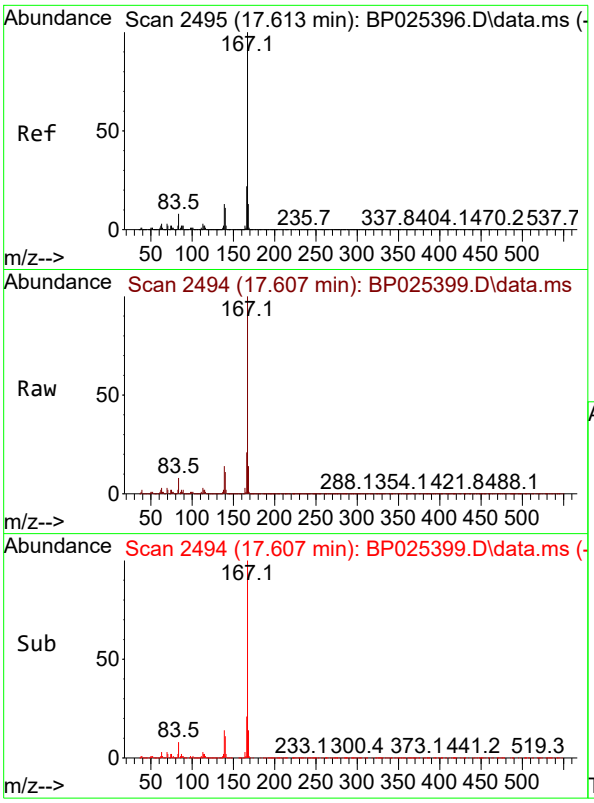


#72
Anthracene
Concen: 77.014 ng
RT: 17.336 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:178 Resp: 3702277

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.7	22.1
179	15.7	12.2	18.2

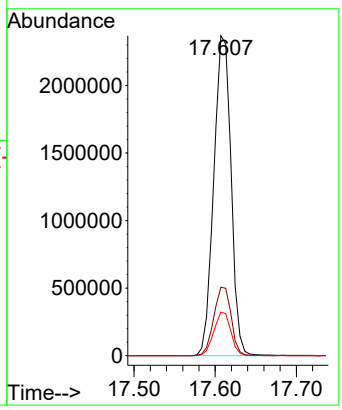




#73
Carbazole
Concen: 77.368 ng
RT: 17.607 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:167 Resp: 350327

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.5	26.3
139	13.7	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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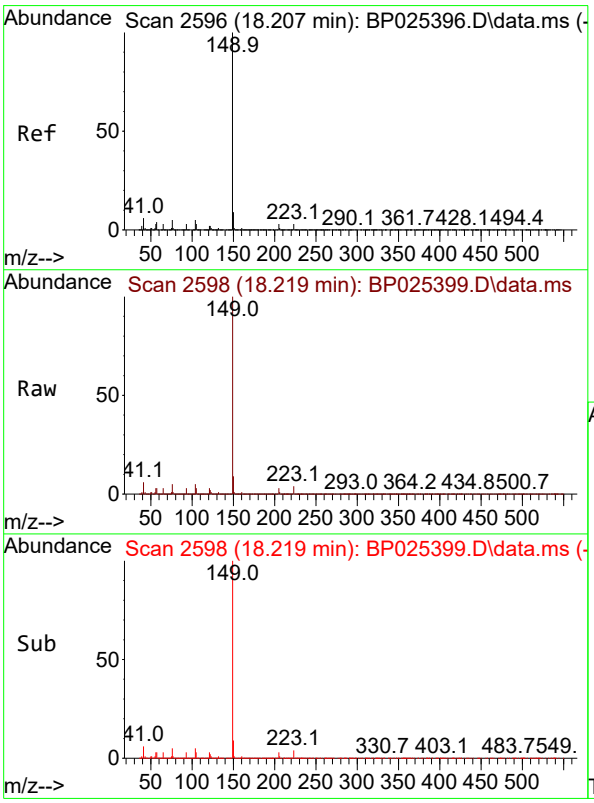
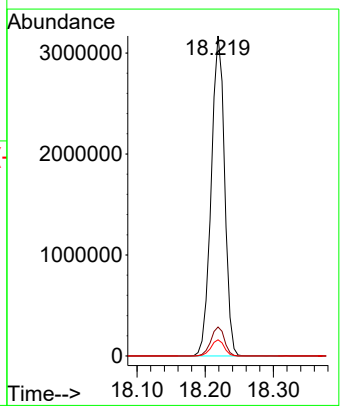
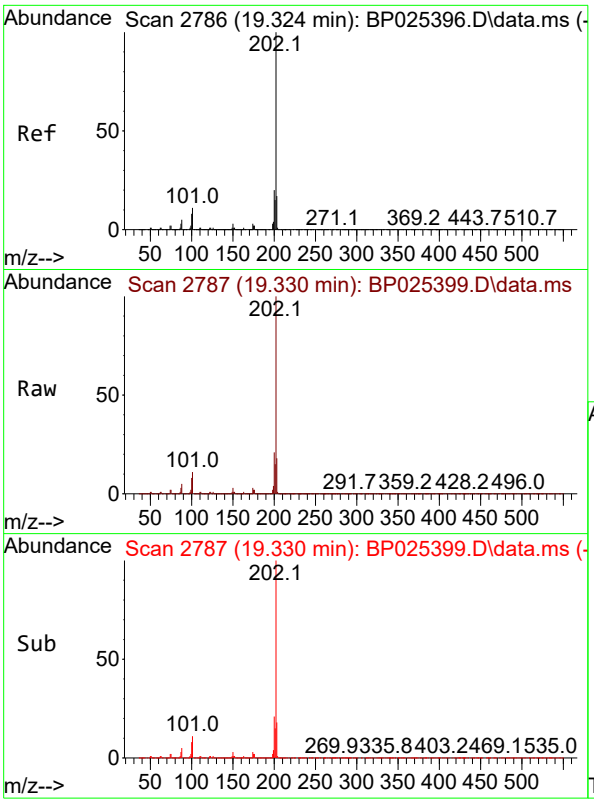


#74
Di-n-butylphthalate
Concen: 77.844 ng
RT: 18.219 min Scan# 2598
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

Manual Integrations
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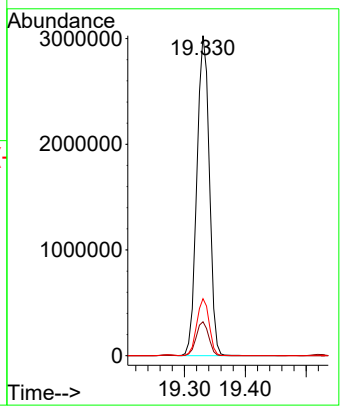
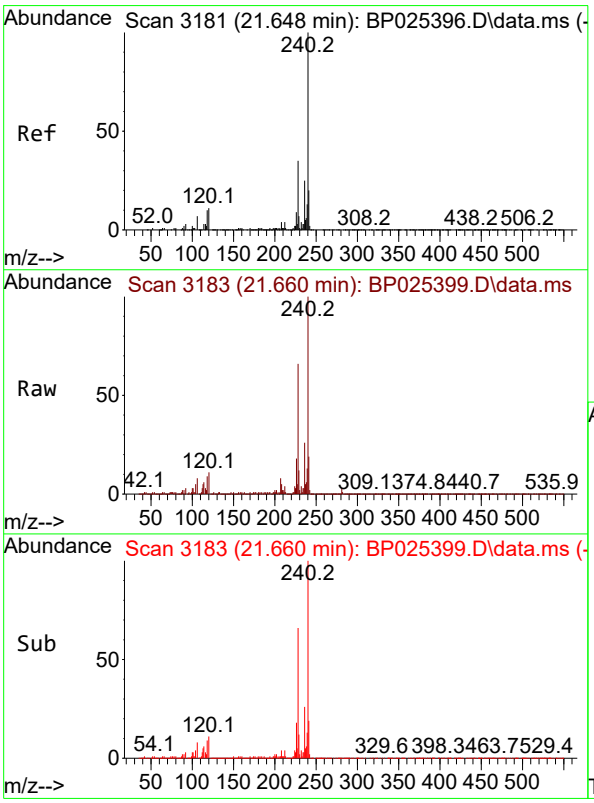
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

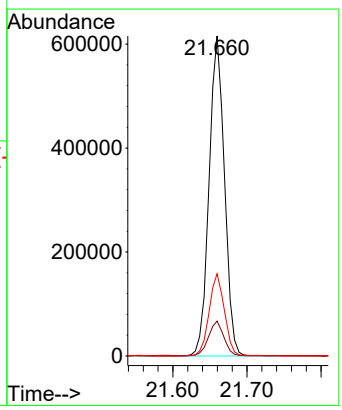


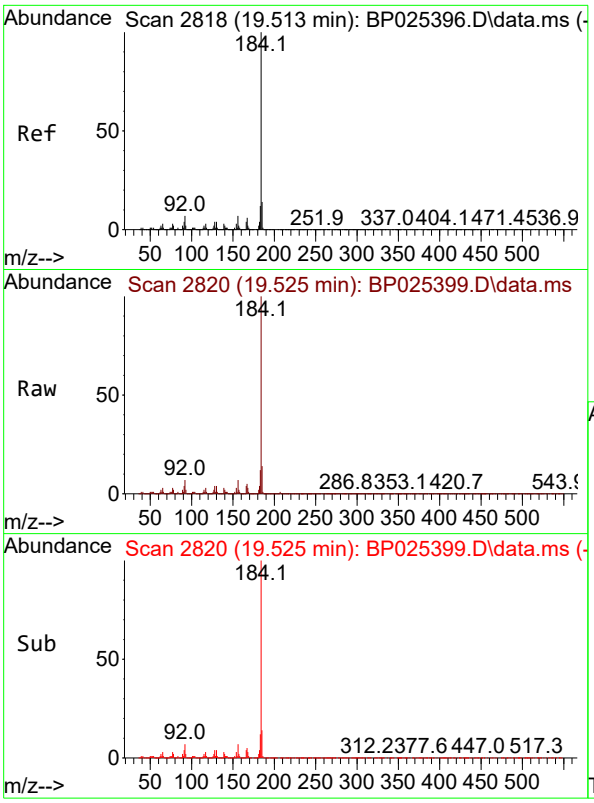


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3183
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

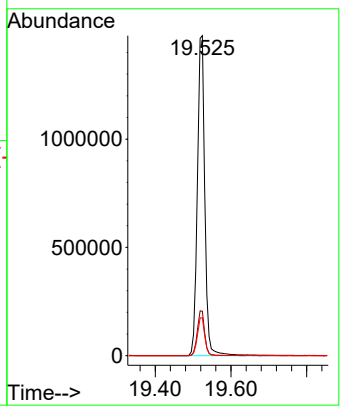




#77
Benzidine
Concen: 67.124 ng
RT: 19.525 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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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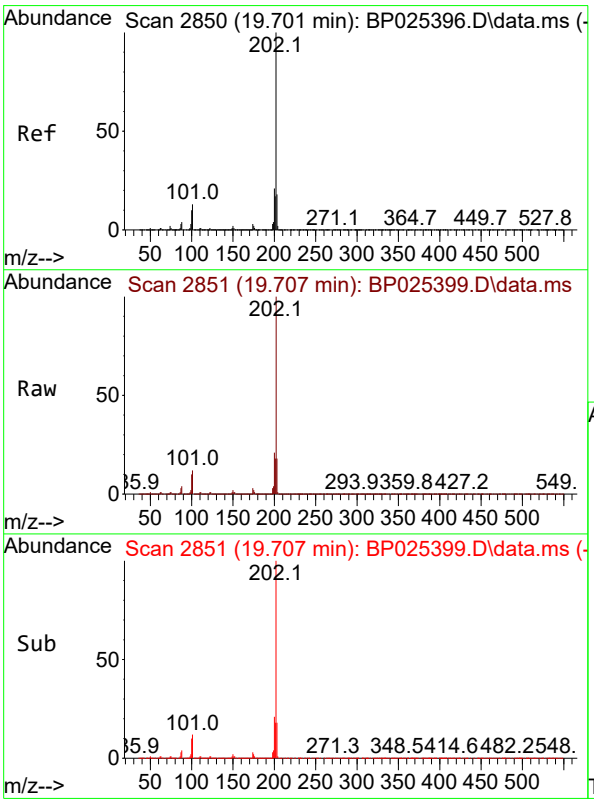
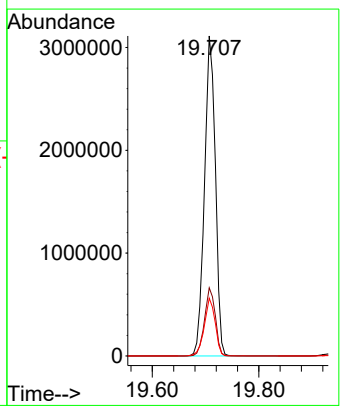
Supervised By :Jagrut Upadhyay 08/15/2025

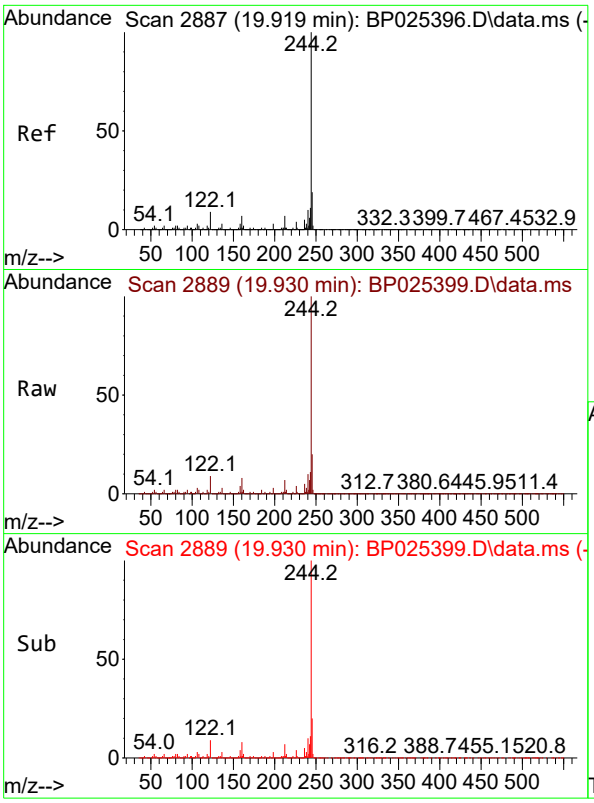


#78
Pyrene
Concen: 76.343 ng
RT: 19.707 min Scan# 2851
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

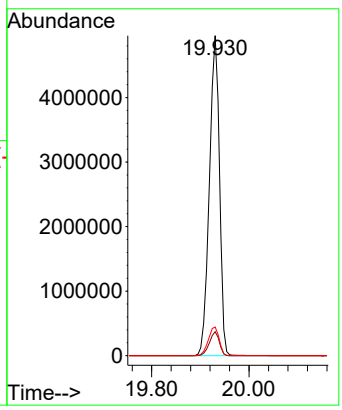




#79
Terphenyl-d14
Concen: 146.217 ng
RT: 19.930 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

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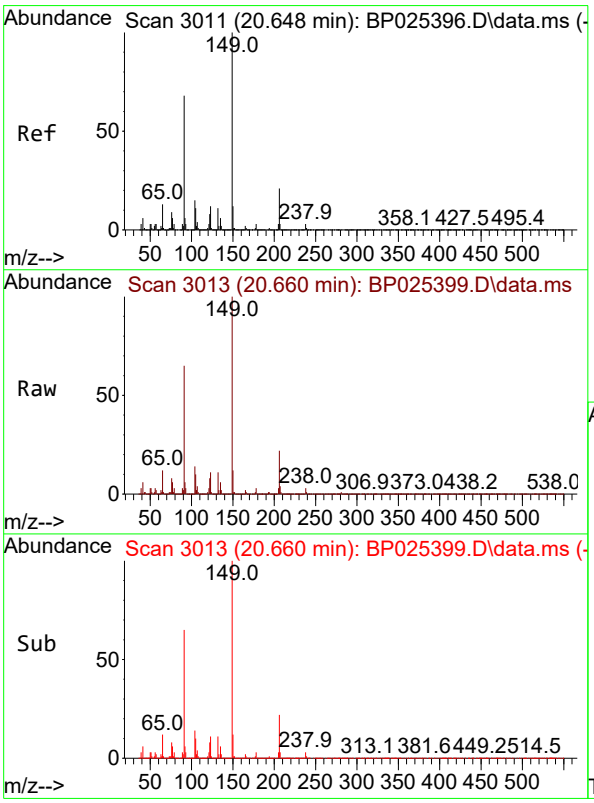
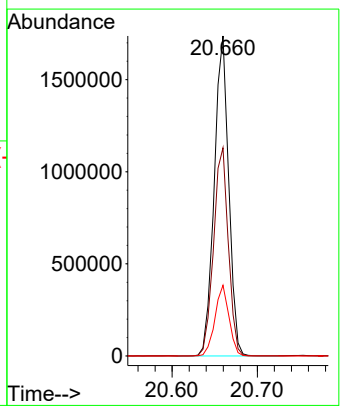
Supervised By :Jagrut Upadhyay 08/15/2025

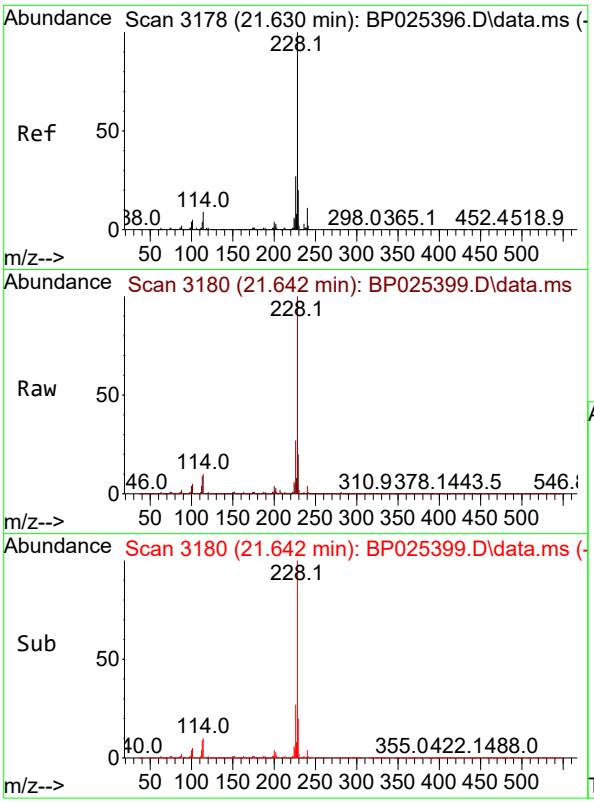


#80
Butylbenzylphthalate
Concen: 78.460 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

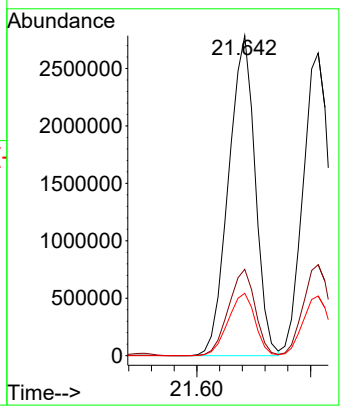




#81
Benzo(a)anthracene
Concen: 77.322 ng
RT: 21.642 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

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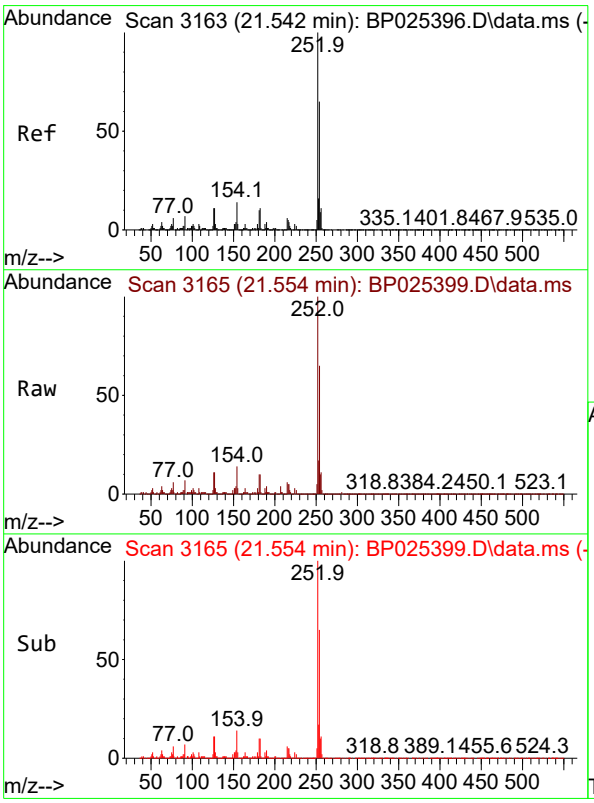
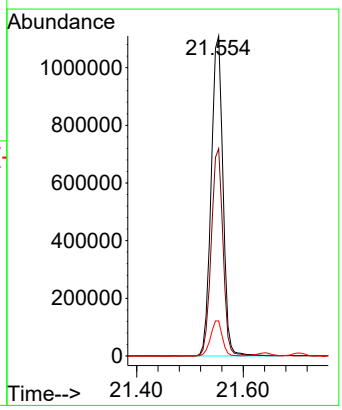
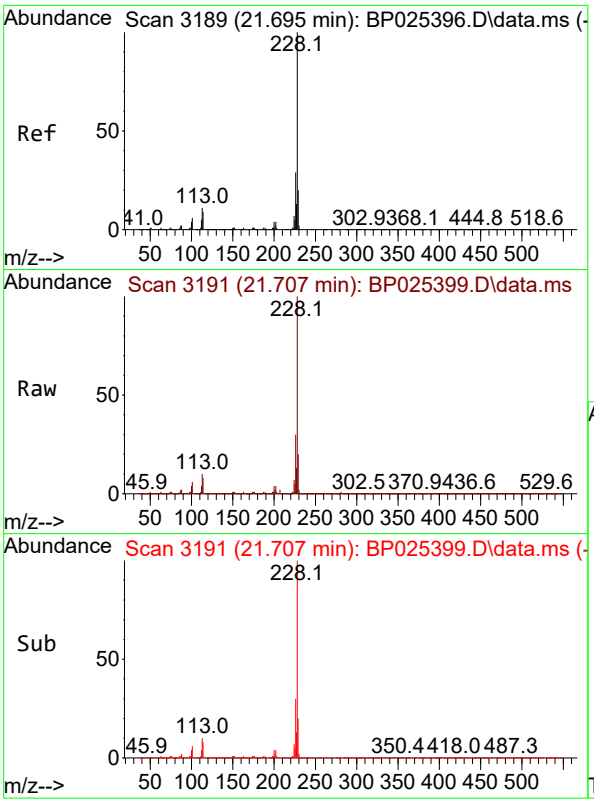


#82
3,3'-Dichlorobenzidine
Concen: 77.197 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

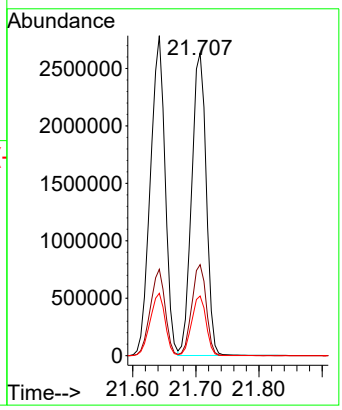




#83
Chrysene
Concen: 76.835 ng
RT: 21.707 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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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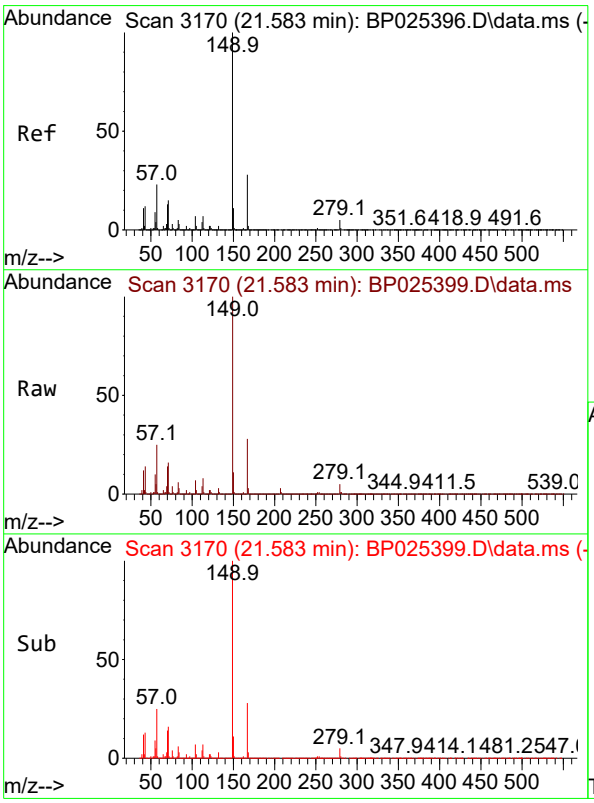
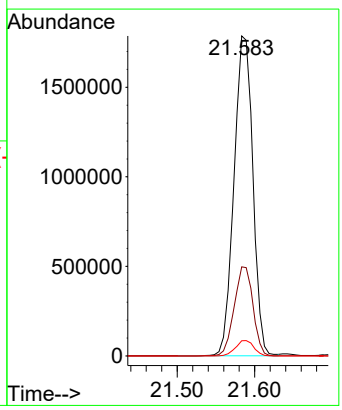
Supervised By :Jagrut Upadhyay 08/15/2025

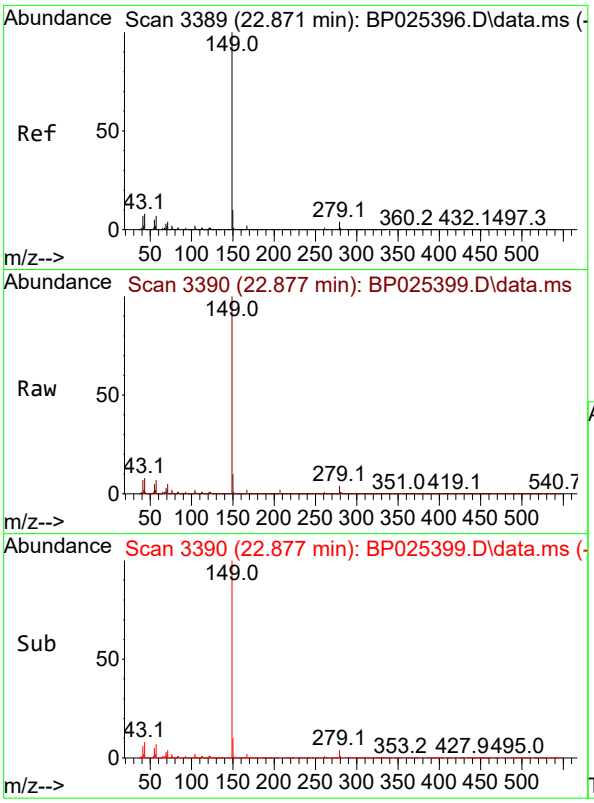


#84
Bis(2-ethylhexyl)phthalate
Concen: 78.400 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

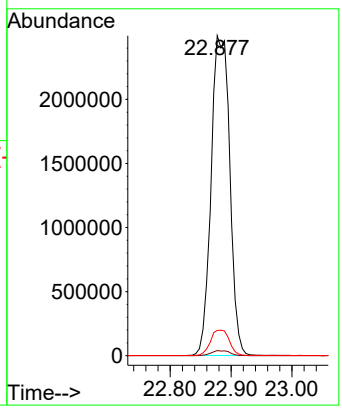




#85
Di-n-octyl phthalate
Concen: 79.974 ng
RT: 22.877 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

Manual Integrations
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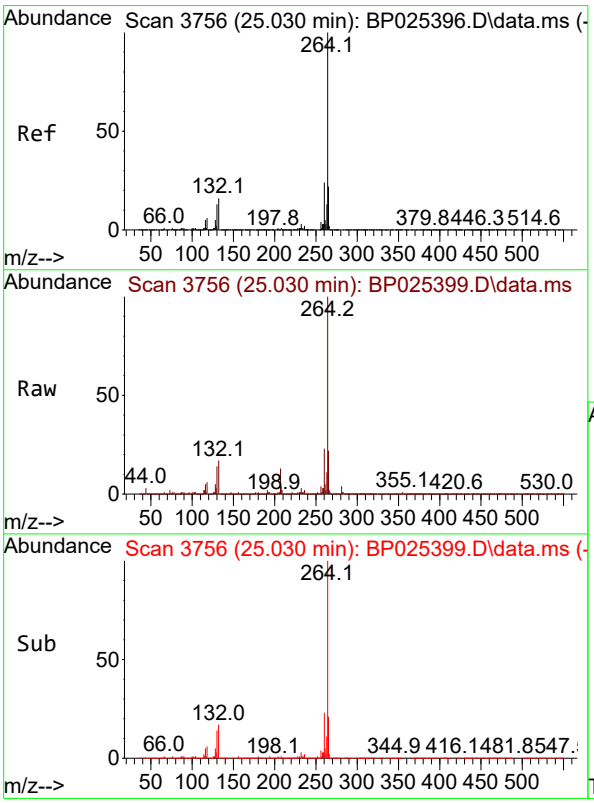
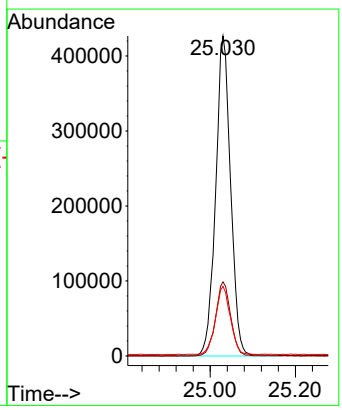
Supervised By :Jagrut Upadhyay 08/15/2025

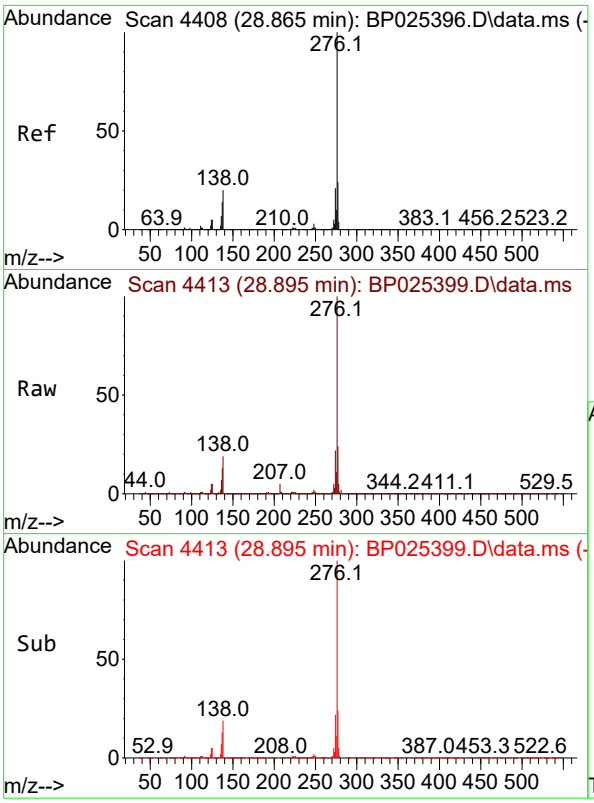


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.030 min Scan# 3756
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:264 Resp: 1037707

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.3	28.9
265	21.8	17.4	26.0

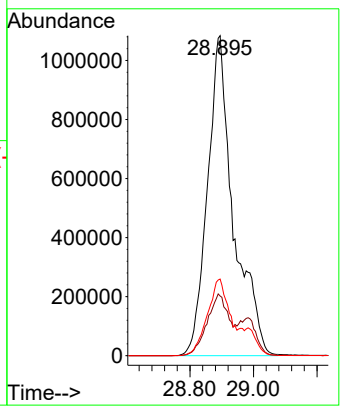




#87
Indeno(1,2,3-cd)pyrene
Concen: 81.030 ng m
RT: 28.895 min Scan# 4
Delta R.T. 0.029 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:276 Resp: 616857

Ion	Ratio	Lower	Upper
276	100		
138	16.9	12.9	19.3
277	20.5	17.0	25.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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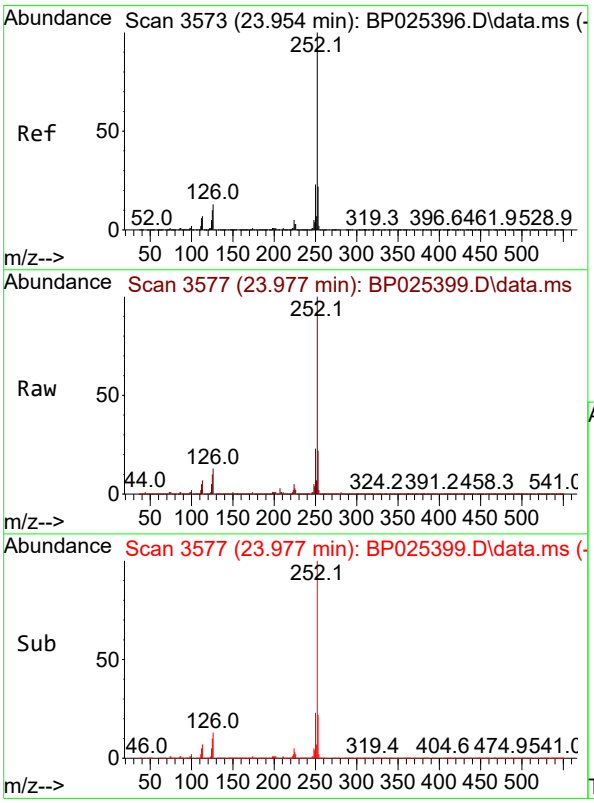
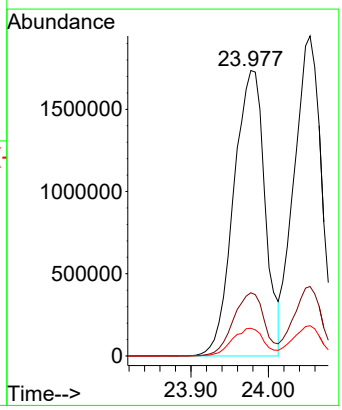
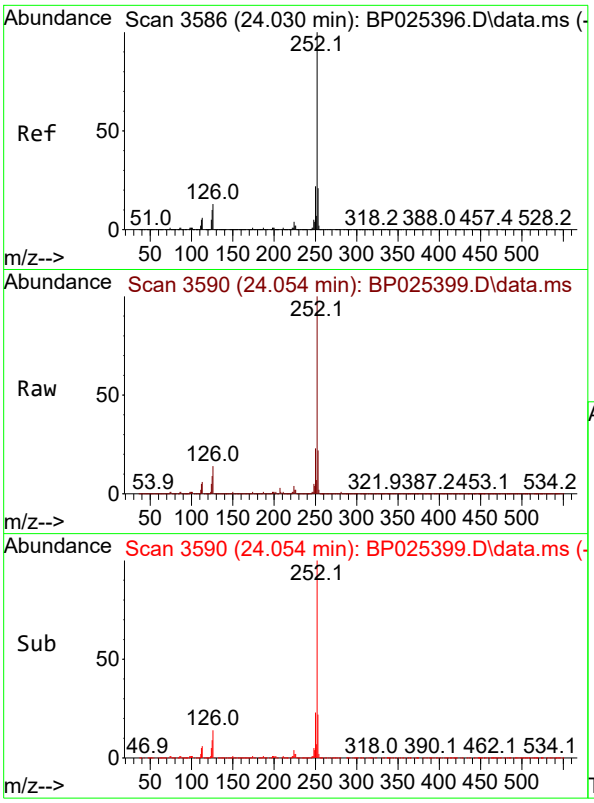


#88
Benzo(b)fluoranthene
Concen: 79.692 ng
RT: 23.977 min Scan# 3577
Delta R.T. 0.024 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:252 Resp: 4876398

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	9.7	7.9	11.9





#89
Benzo(k)fluoranthene
Concen: 77.323 ng
RT: 24.054 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 473463

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	9.5	7.8	11.6

Manual Integrations
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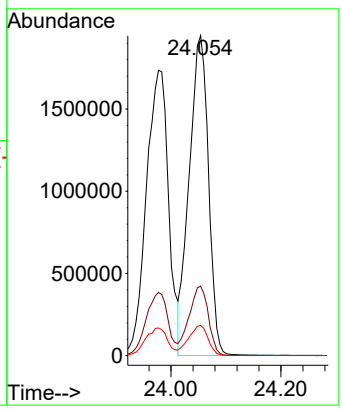
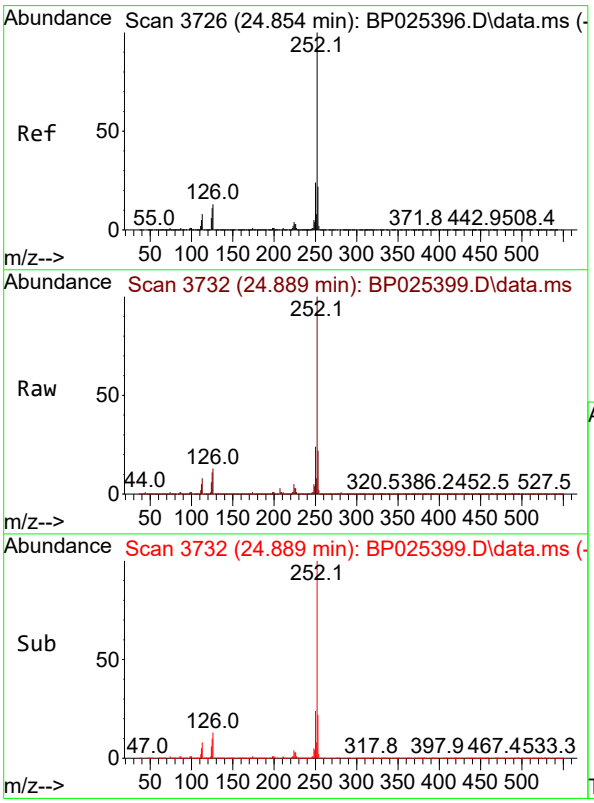
Supervised By :Jagrut Upadhyay 08/15/2025

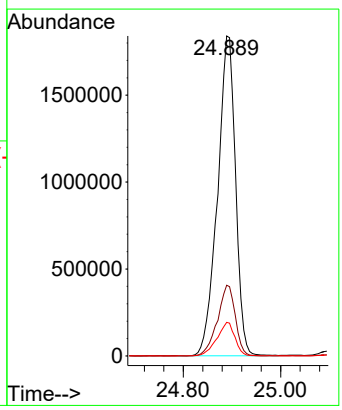


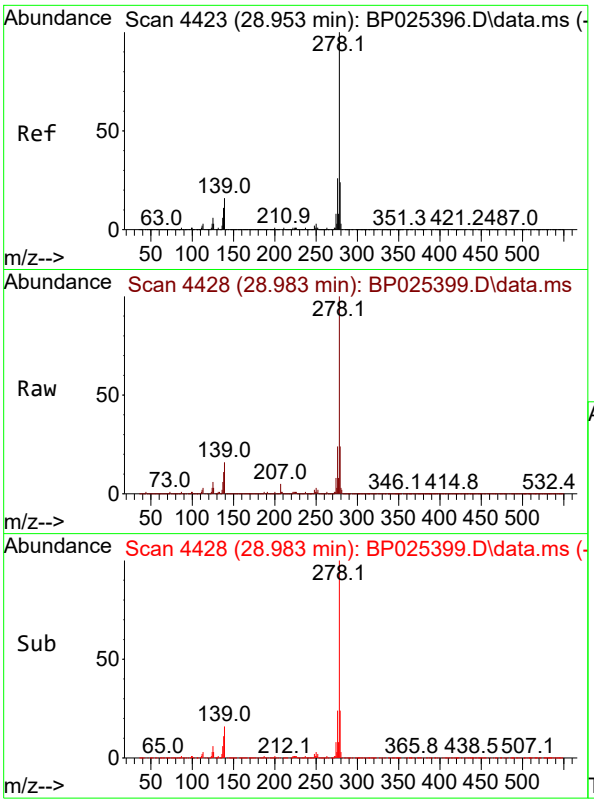


#90
Benzo(a)pyrene
Concen: 79.505 ng
RT: 24.889 min Scan# 3732
Delta R.T. 0.035 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

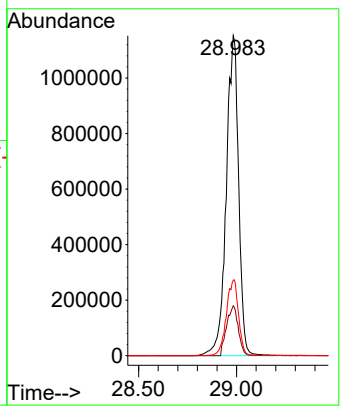




#91
Dibenzo(a,h)anthracene
Concen: 81.142 ng
RT: 28.983 min Scan# 44
Delta R.T. 0.029 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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 APPROVED

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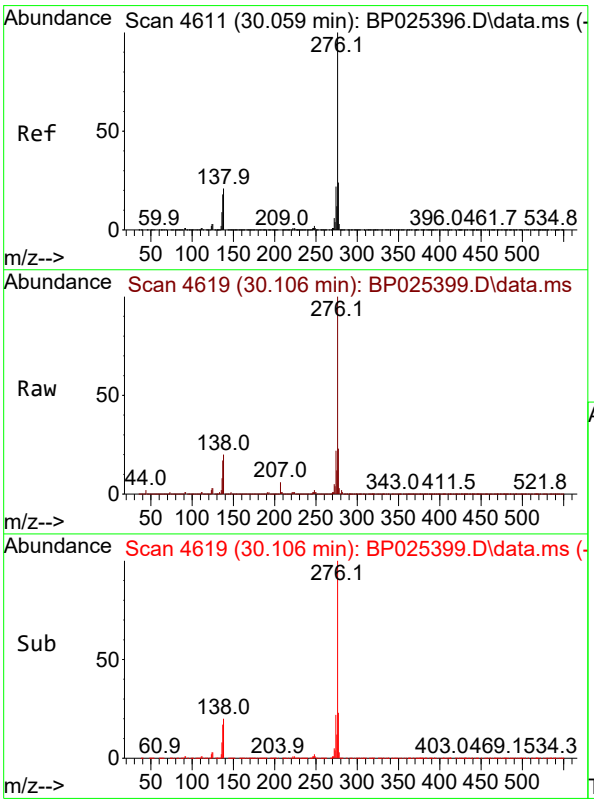
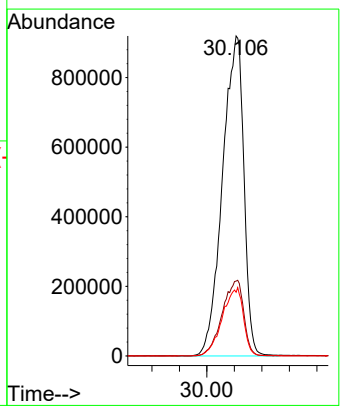
Supervised By :Jagrut Upadhyay 08/15/2025



#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)

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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

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
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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)
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
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Instrument :
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ClientSampleId :
ICVBP081425

Manual Integrations APPROVED

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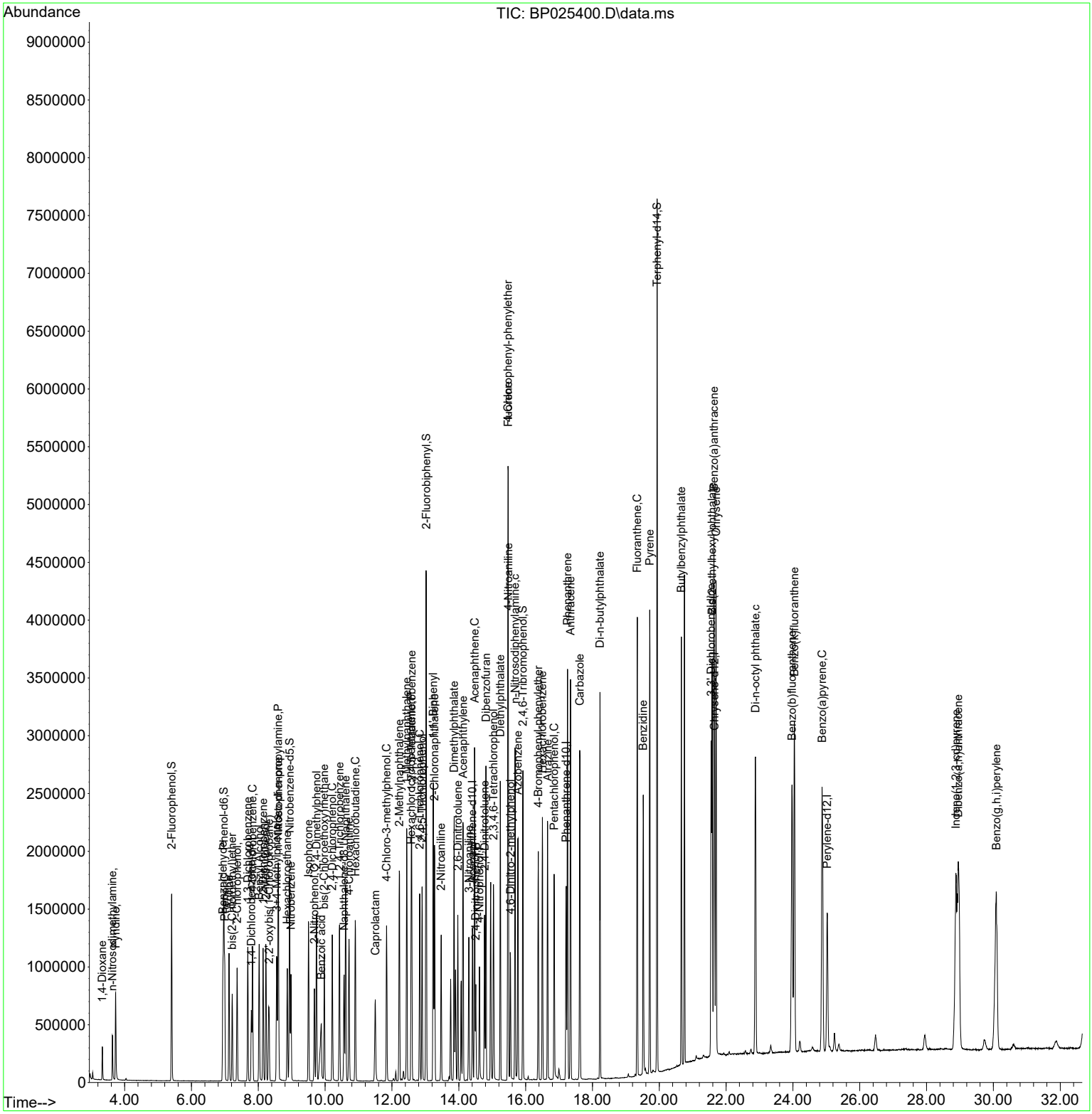
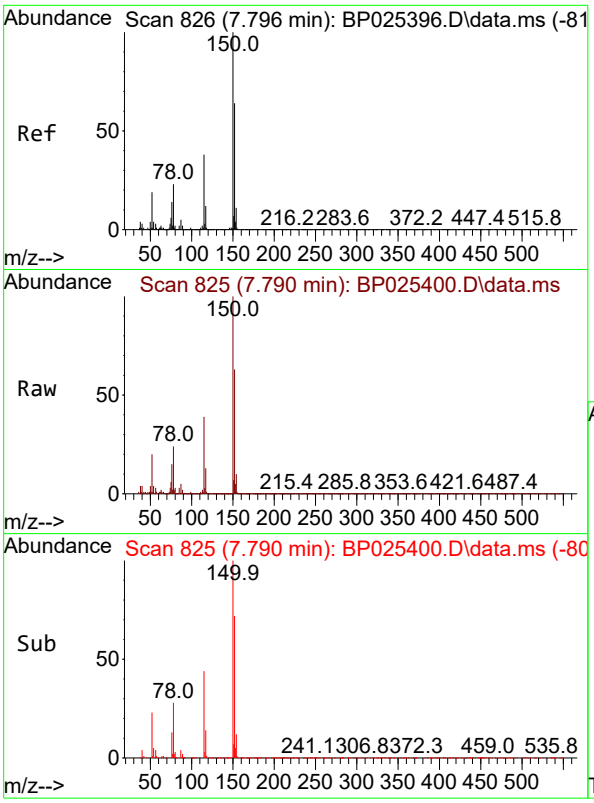
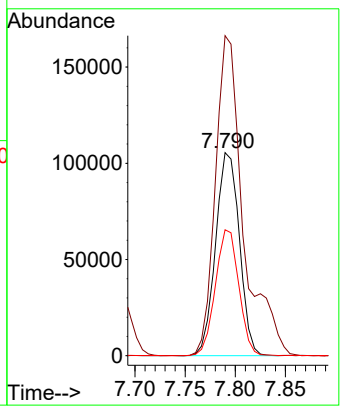




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:152 Resp: 17400

Ion	Ratio	Lower	Upper
152	100		
150	157.6	125.9	188.9
115	62.0	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/15/2025
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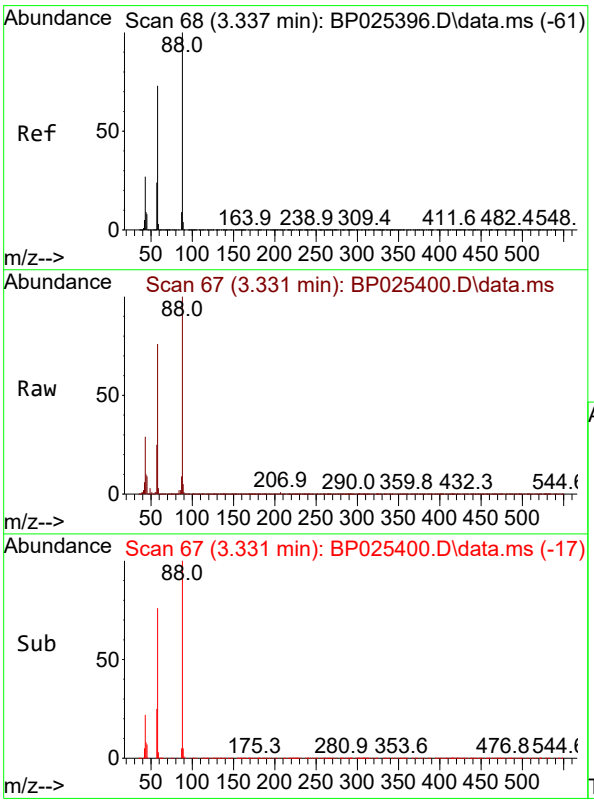
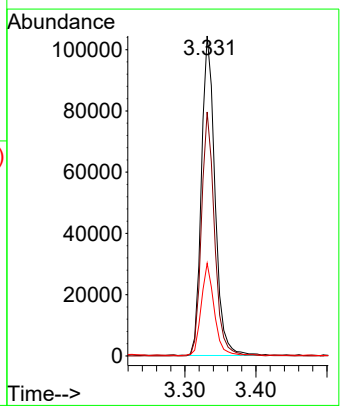
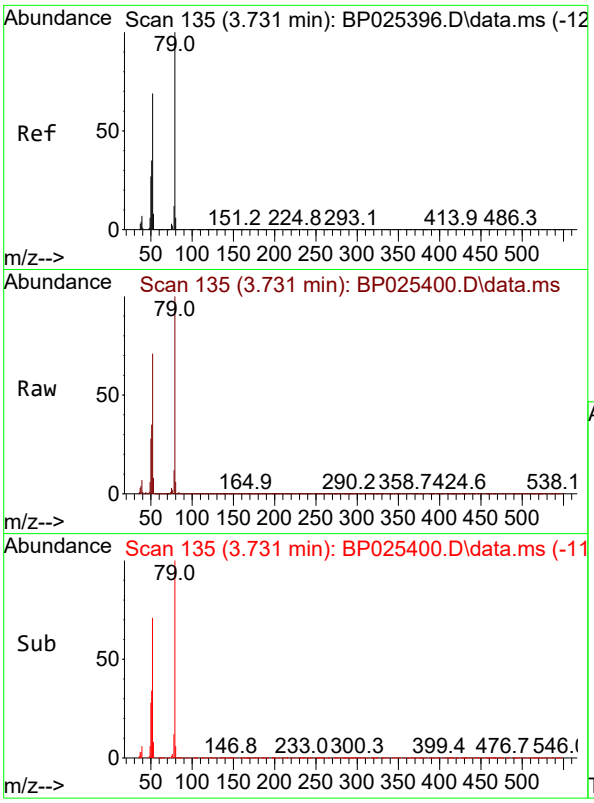


#2
1,4-Dioxane
Concen: 33.792 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

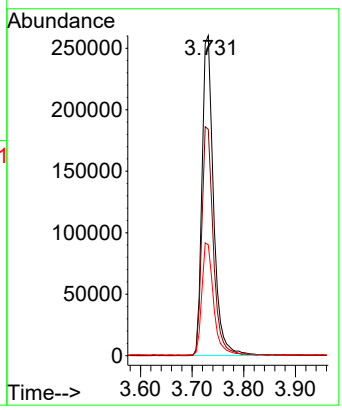




#3
Pyridine
Concen: 35.901 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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 :
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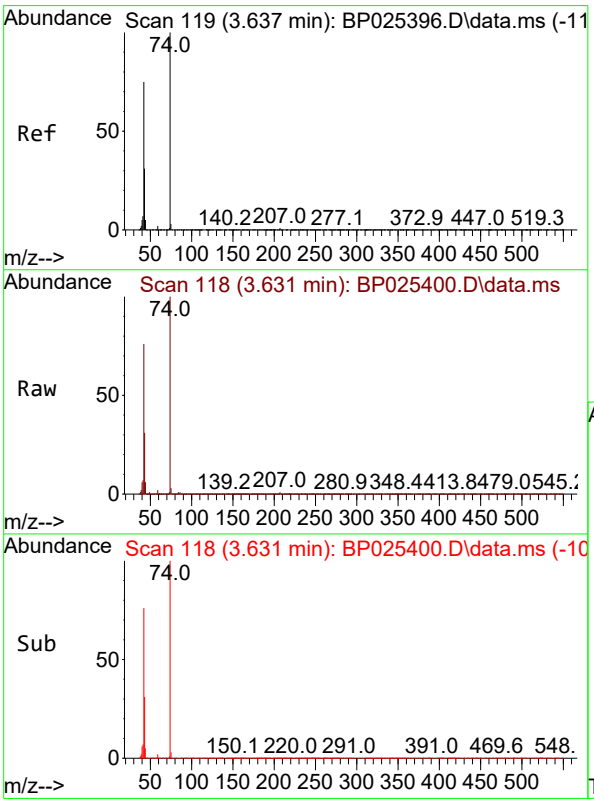
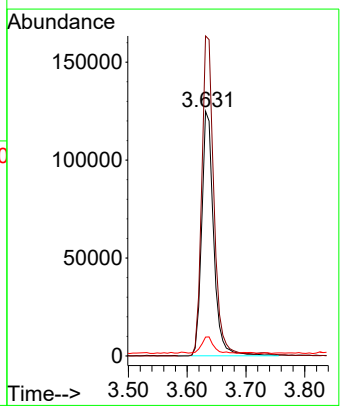
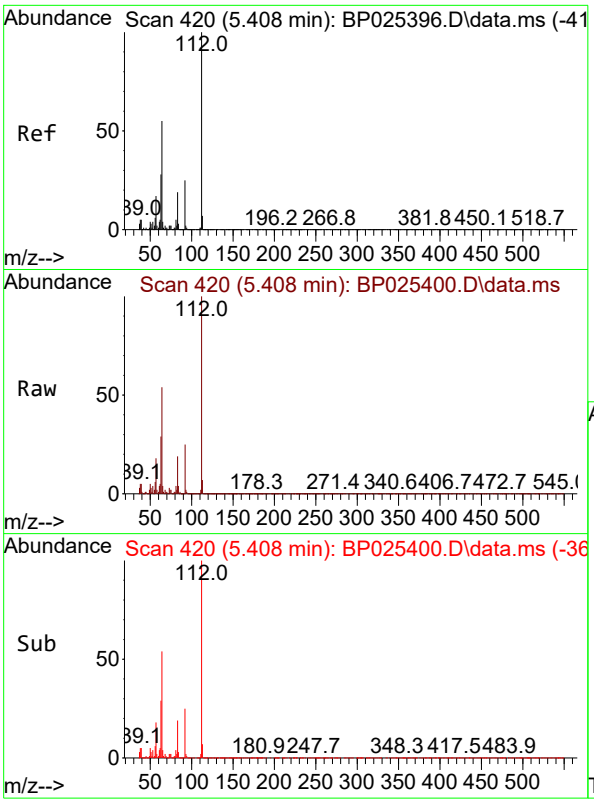


#4
n-Nitrosodimethylamine
Concen: 38.115 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

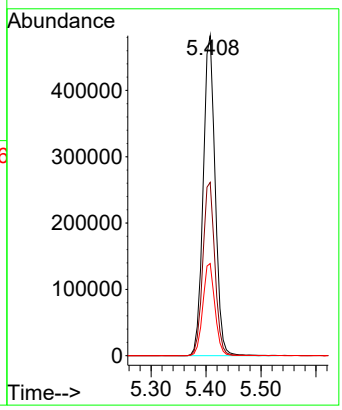




#5
2-Fluorophenol
Concen: 69.430 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

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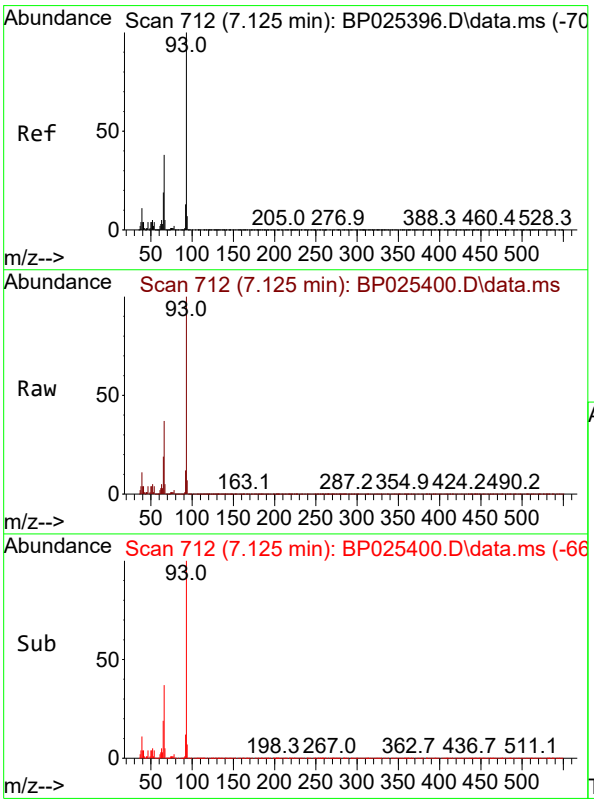
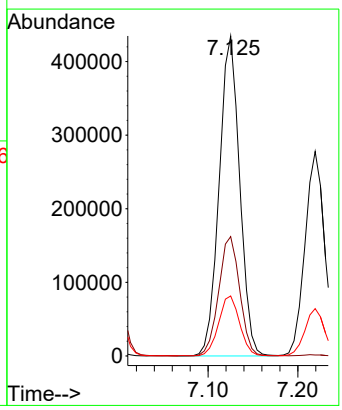
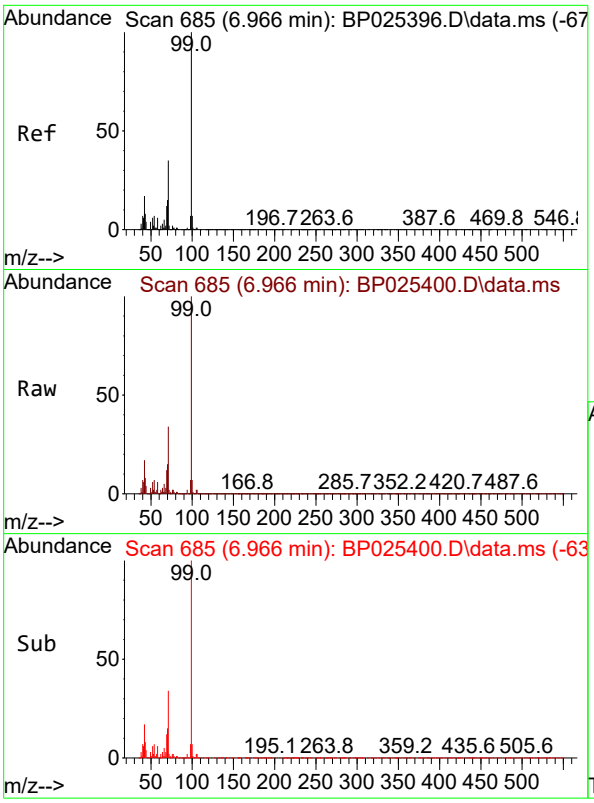


#6
Aniline
Concen: 38.147 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

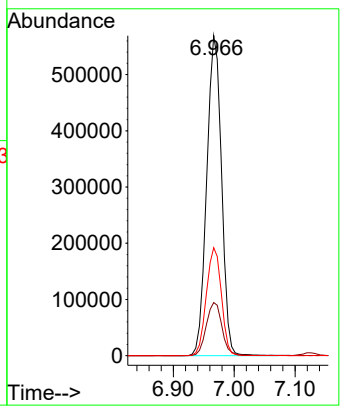




#7
Phenol-d6
Concen: 71.663 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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



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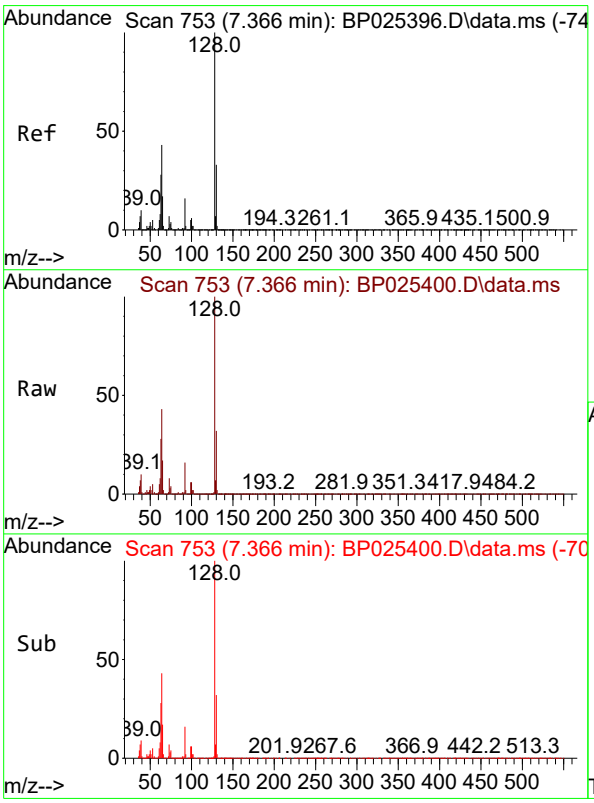
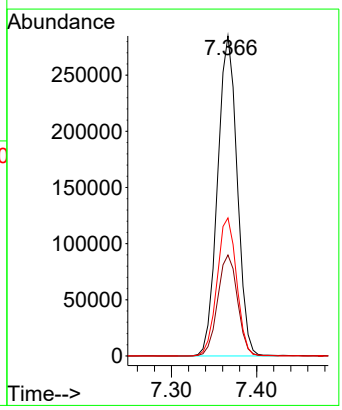
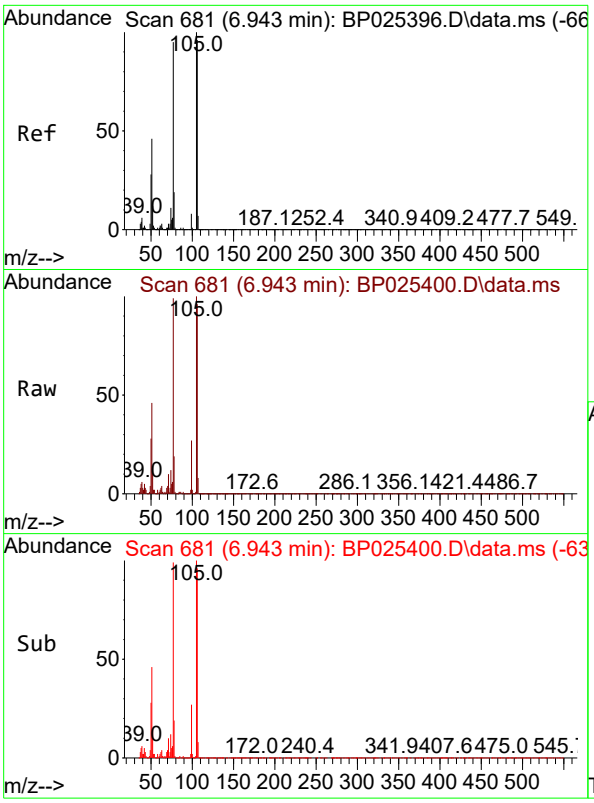


#8
2-Chlorophenol
Concen: 38.501 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:128 Resp: 455230

Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.6	52.6
64	43.2	23.4	63.4

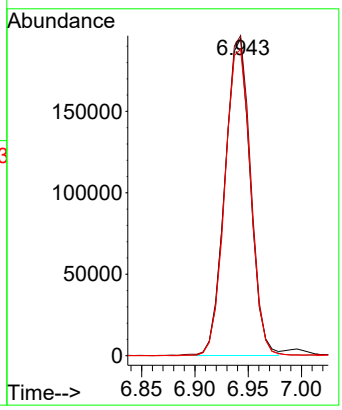




#9
Benzaldehyde
Concen: 34.142 ng
RT: 6.943 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 77 Resp: 32133

Ion	Ratio	Lower	Upper
77	100		
105	100.9	84.8	124.8
106	96.6	80.5	120.5



Instrument :
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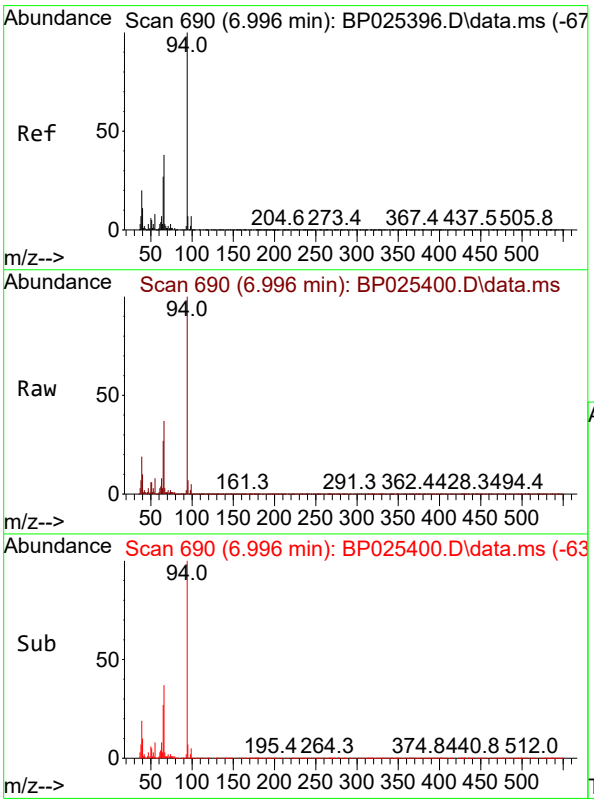
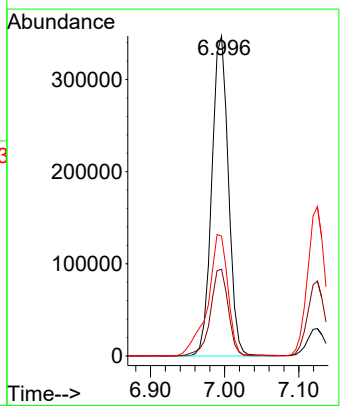
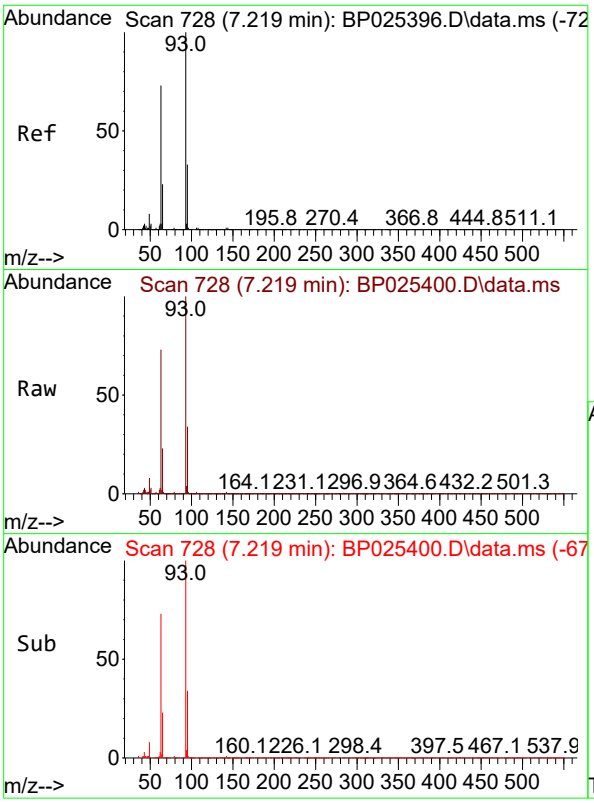


#10
Phenol
Concen: 38.388 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

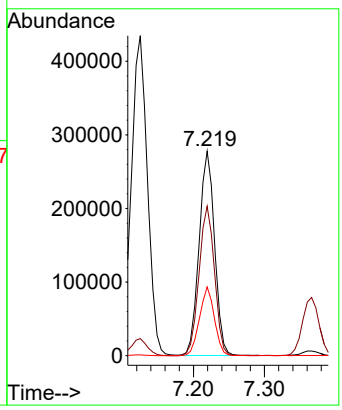




#11
bis(2-Chloroethyl)ether
Concen: 38.348 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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 :
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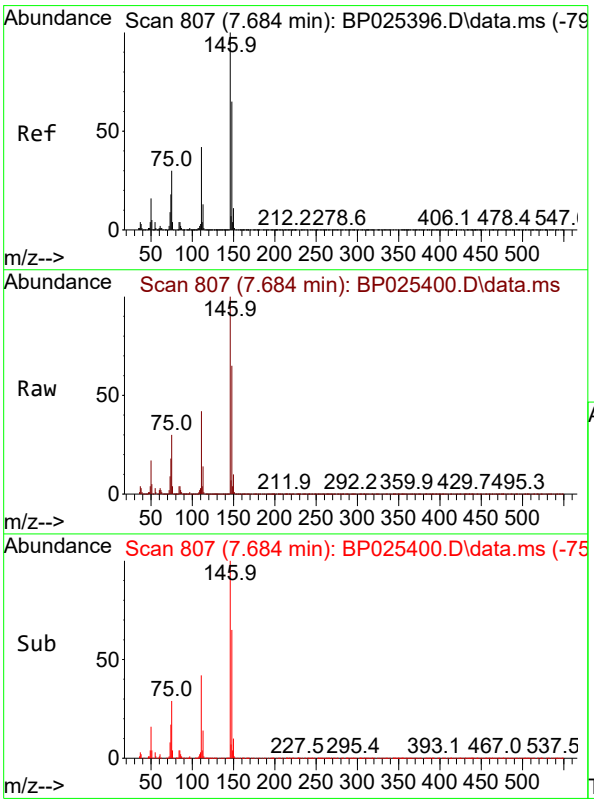
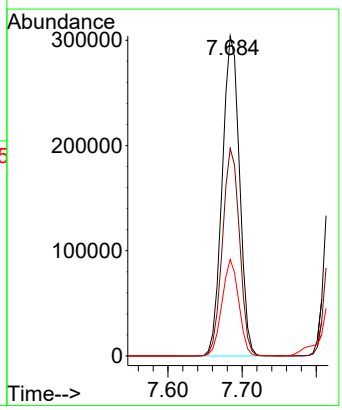
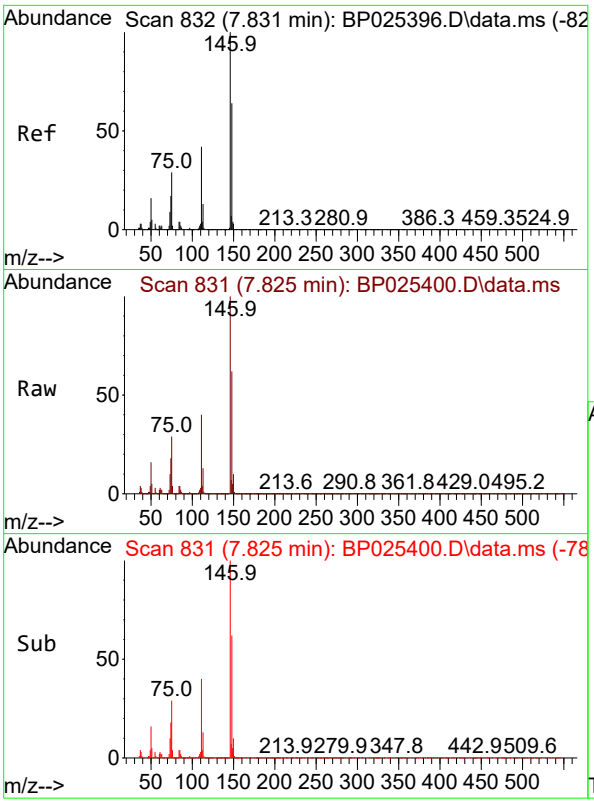


#12
1,3-Dichlorobenzene
Concen: 37.738 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

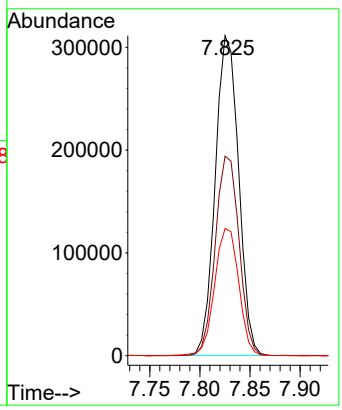




#13
1,4-Dichlorobenzene
Concen: 37.890 ng
RT: 7.825 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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 :
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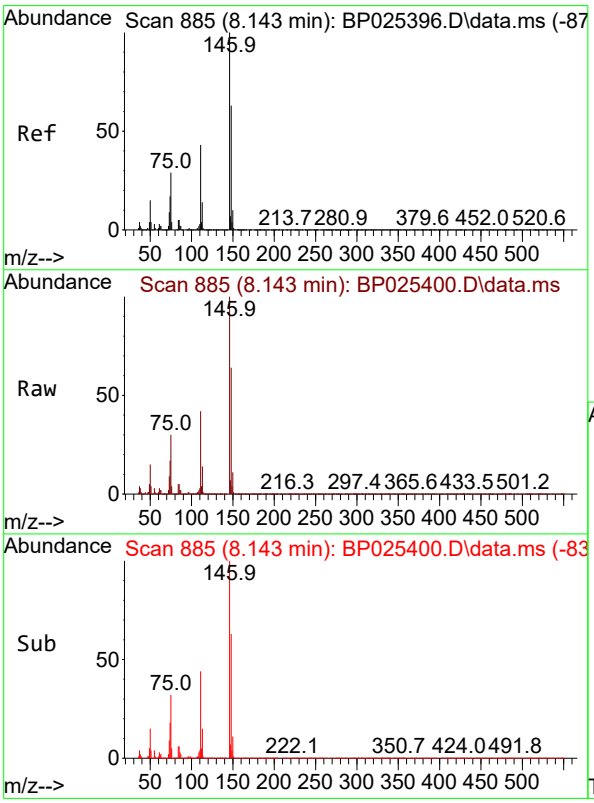
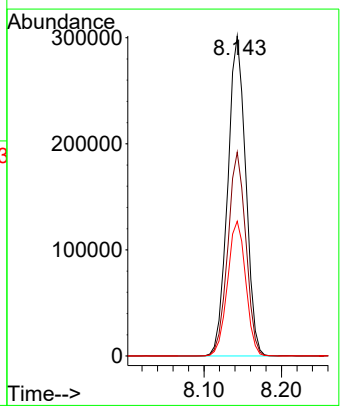
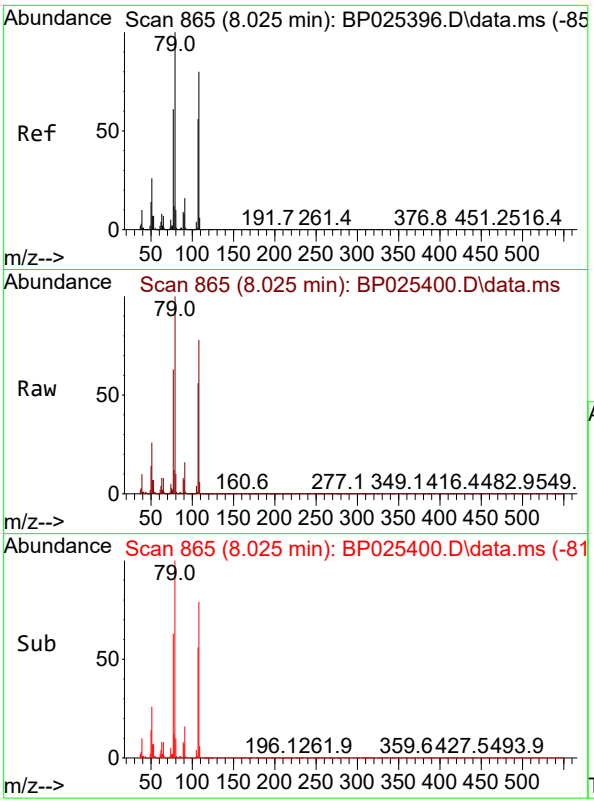


#14
1,2-Dichlorobenzene
Concen: 37.818 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:146 Resp: 487845

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.4	75.6
111	42.1	34.5	51.7

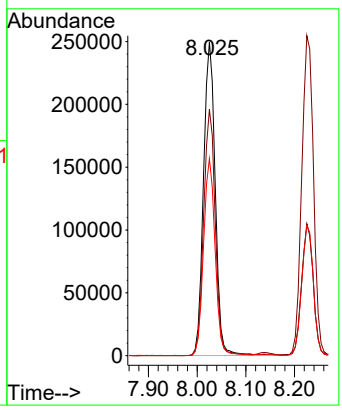




#15
Benzyl Alcohol
Concen: 39.025 ng
RT: 8.025 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 79 Resp: 41654

Ion	Ratio	Lower	Upper
79	100		
108	78.5	63.8	95.6
77	62.8	49.0	73.4



Instrument :
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ClientSampleId :
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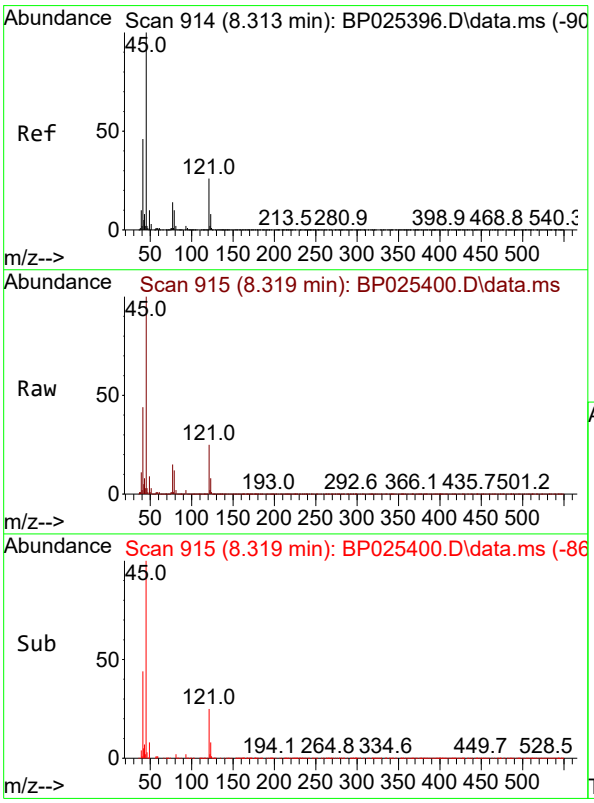
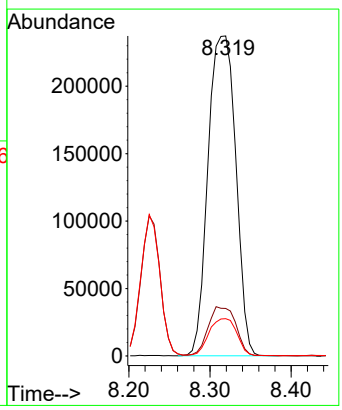
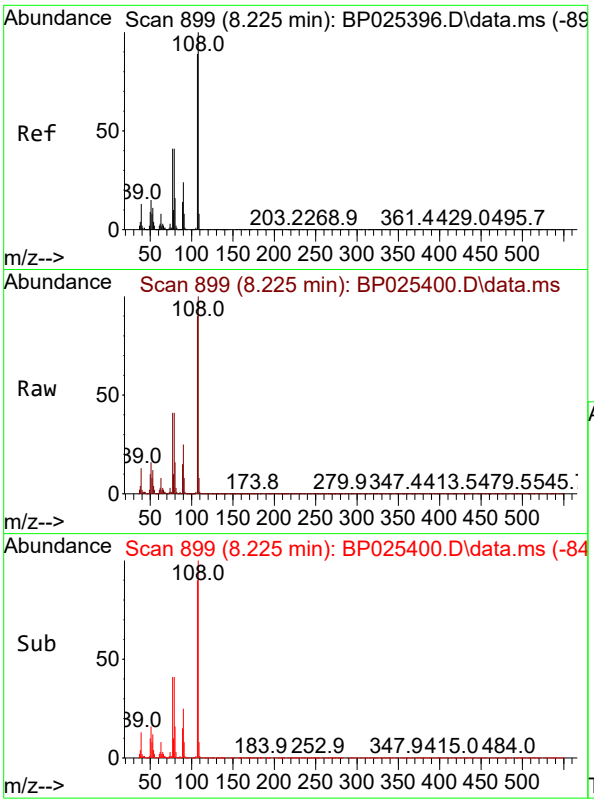


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.271 ng
RT: 8.319 min Scan# 915
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 45 Resp: 563276

Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	35.3
79	11.7	0.0	31.8

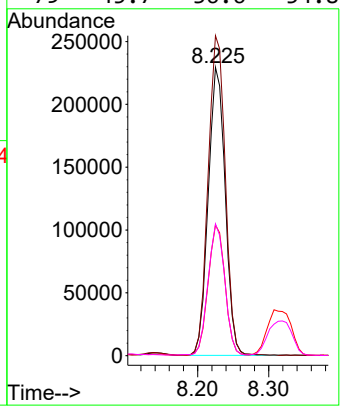




#17
2-Methylphenol
Concen: 38.877 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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



Instrument :
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ClientSampleId :
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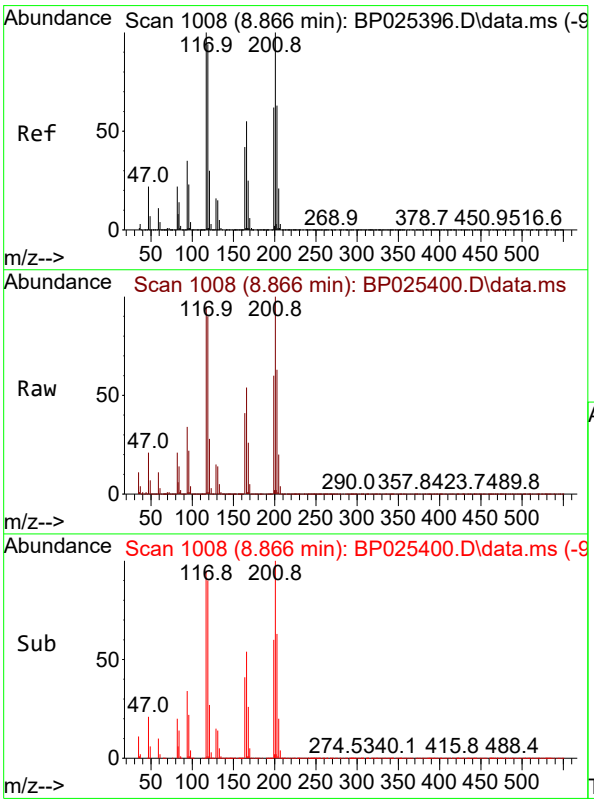
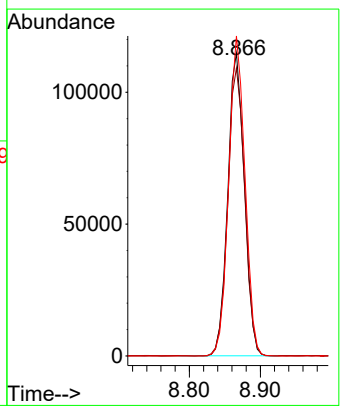
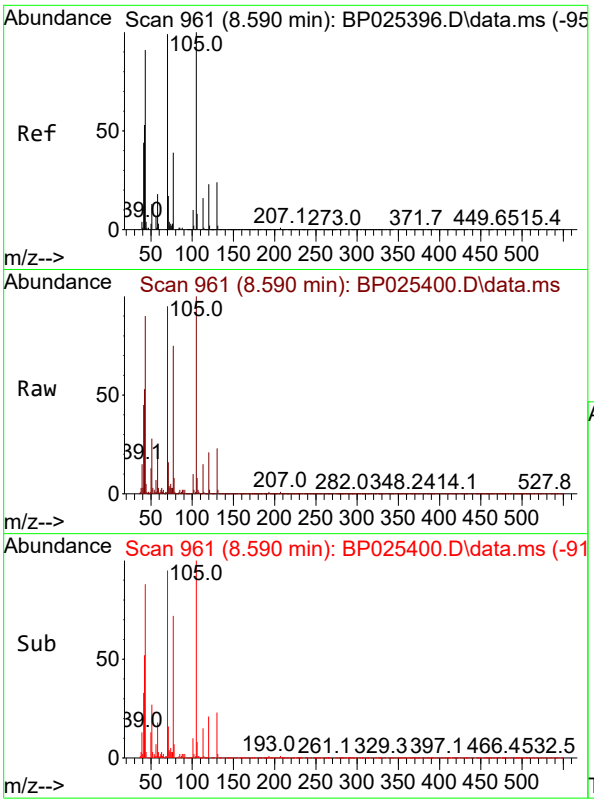


#18
Hexachloroethane
Concen: 38.103 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:117 Resp: 186691

Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.1	112.7
201	105.6	80.1	120.1

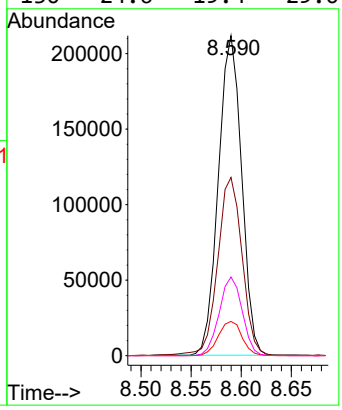




#19
n-Nitroso-di-n-propylamine
Concen: 38.270 ng
RT: 8.590 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 70 Resp: 34053

Ion	Ratio	Lower	Upper
70	100		
42	55.7	43.8	65.6
101	10.7	8.5	12.7
130	24.6	19.4	29.0



Instrument :
BNA_P
ClientSampleId :
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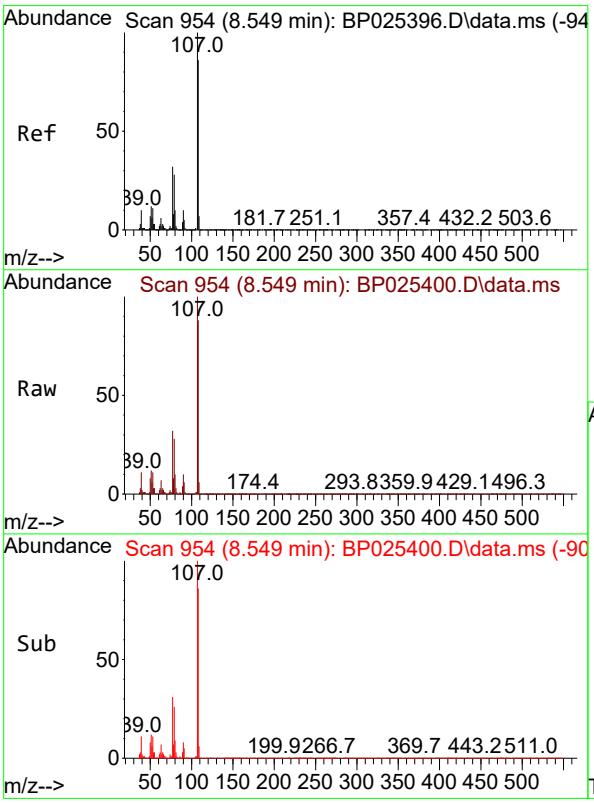
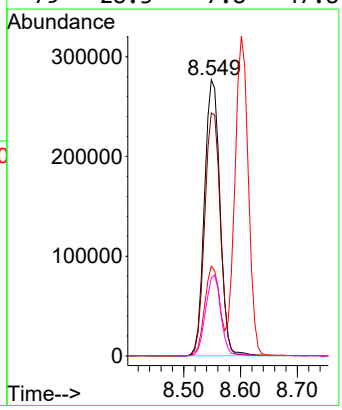
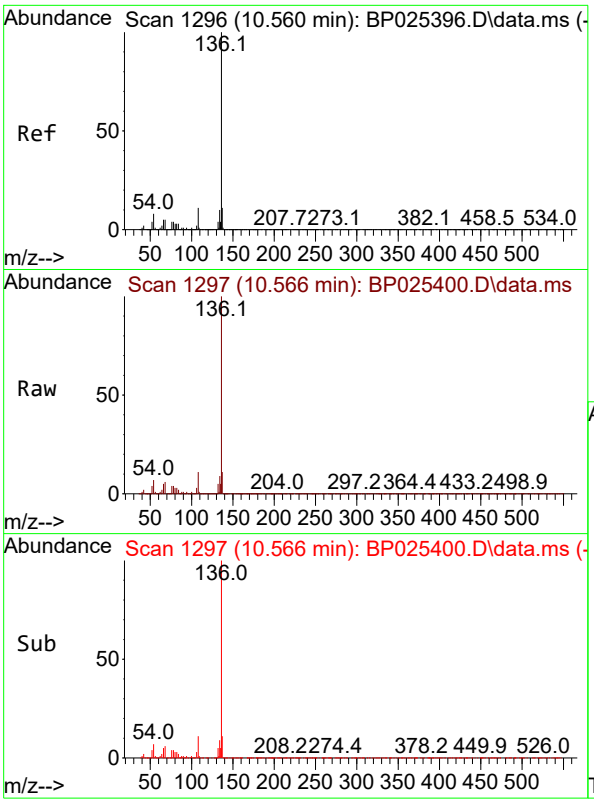


#20
3+4-Methylphenols
Concen: 38.620 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:107 Resp: 524095

Ion	Ratio	Lower	Upper
107	100		
108	88.0	66.3	106.3
77	32.5	12.3	52.3
79	28.3	7.8	47.8

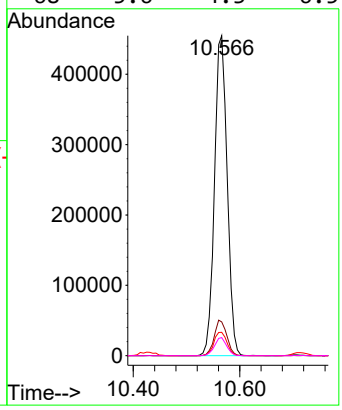




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:136 Resp: 75007

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.3	6.0	9.0
68	5.6	4.3	6.5



Instrument :
BNA_P
ClientSampleId :
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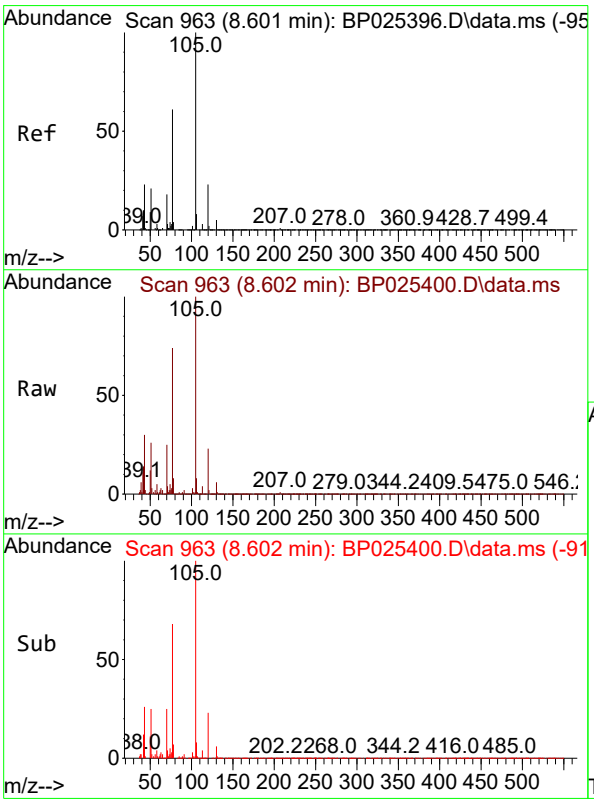
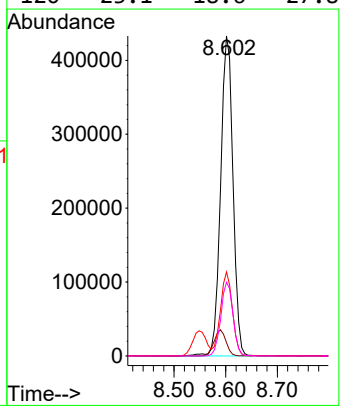
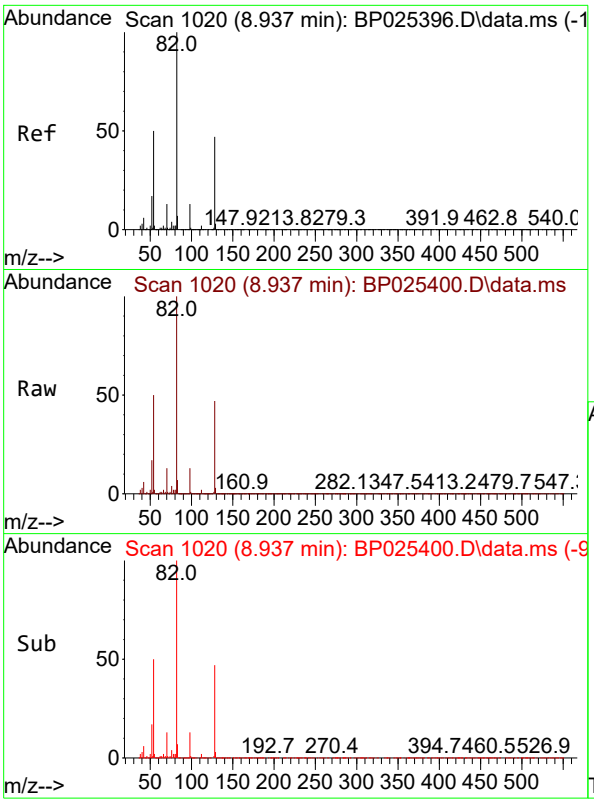


#22
Acetophenone
Concen: 38.216 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:105 Resp: 718869

Ion	Ratio	Lower	Upper
105	100		
71	4.2	2.6	4.0#
51	26.2	20.6	30.8
120	23.1	18.6	27.8

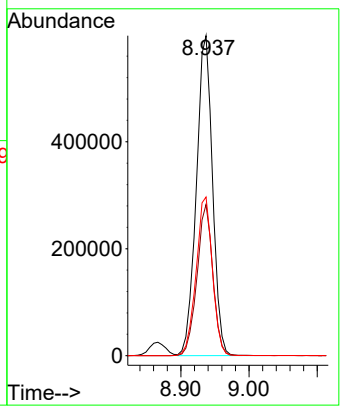




#23
Nitrobenzene-d5
Concen: 66.391 ng
RT: 8.937 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 82 Resp: 98444

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.7	56.5
54	49.6	39.8	59.6



Instrument :
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ClientSampleId :
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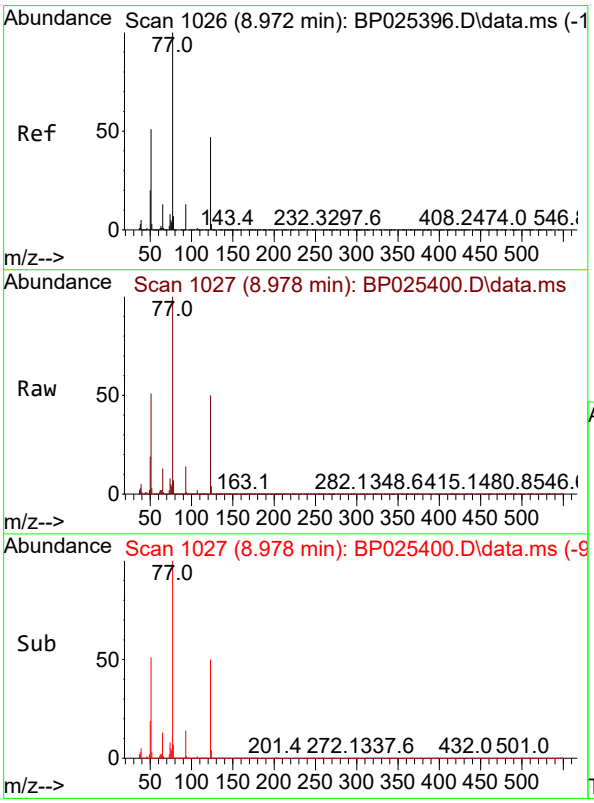
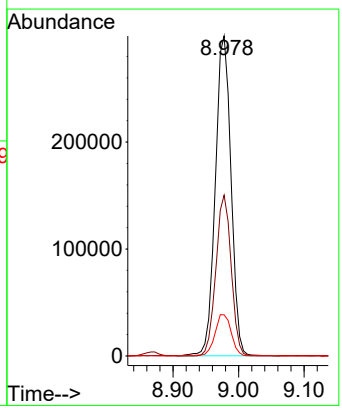
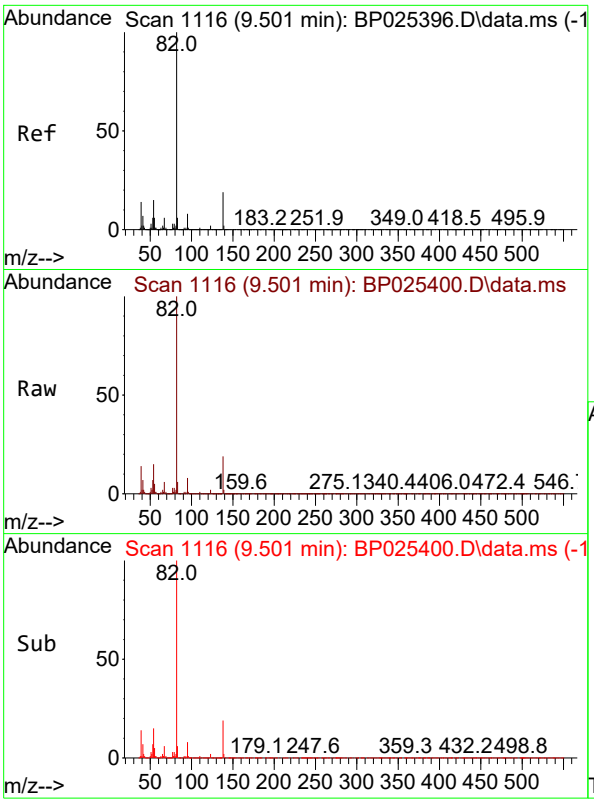


#24
Nitrobenzene
Concen: 37.313 ng
RT: 8.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 77 Resp: 494466

Ion	Ratio	Lower	Upper
77	100		
123	50.3	38.6	58.0
65	12.9	10.6	15.8





#25
Isophorone
Concen: 37.855 ng
RT: 9.501 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 82 Resp: 99337

Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.4	9.6
138	18.9	15.4	23.0

Instrument :
BNA_P
ClientSampleId :
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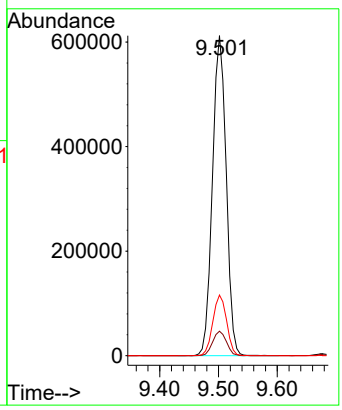
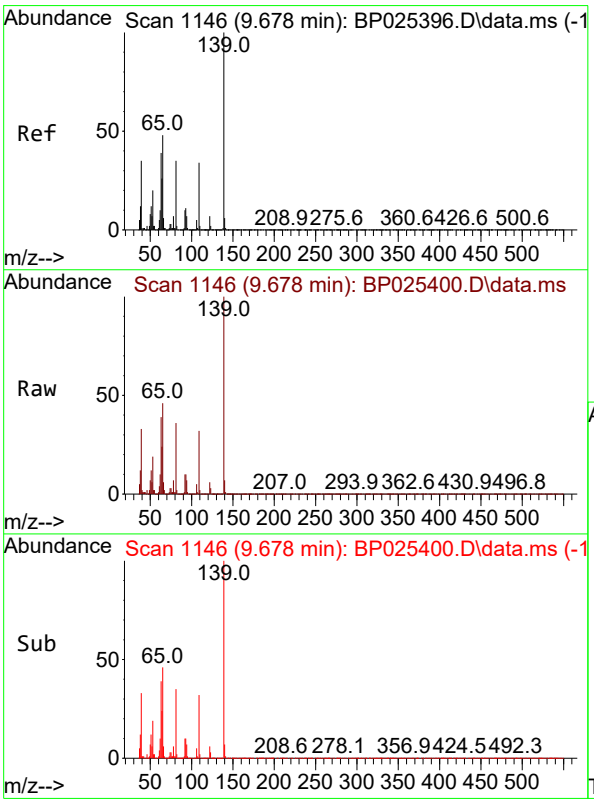
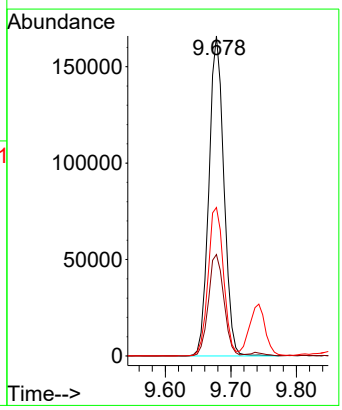


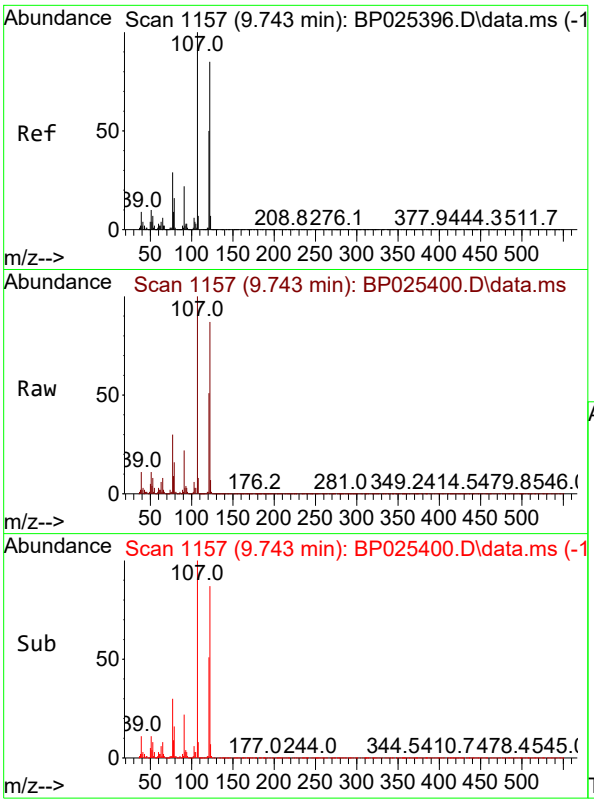


#26
2-Nitrophenol
Concen: 38.722 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:139 Resp: 263348

Ion	Ratio	Lower	Upper
139	100		
109	31.7	26.9	40.3
65	46.4	38.3	57.5

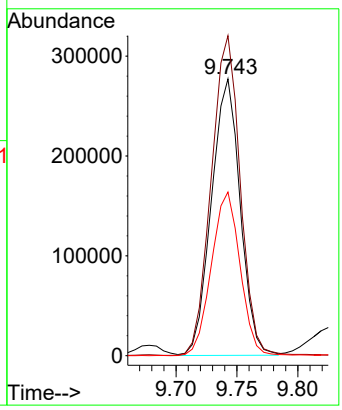




#27
2,4-Dimethylphenol
Concen: 38.910 ng
RT: 9.743 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:122 Resp: 45507

Ion	Ratio	Lower	Upper
122	100		
107	115.6	93.7	140.5
121	59.1	46.6	69.8



Instrument :
BNA_P
ClientSampleId :
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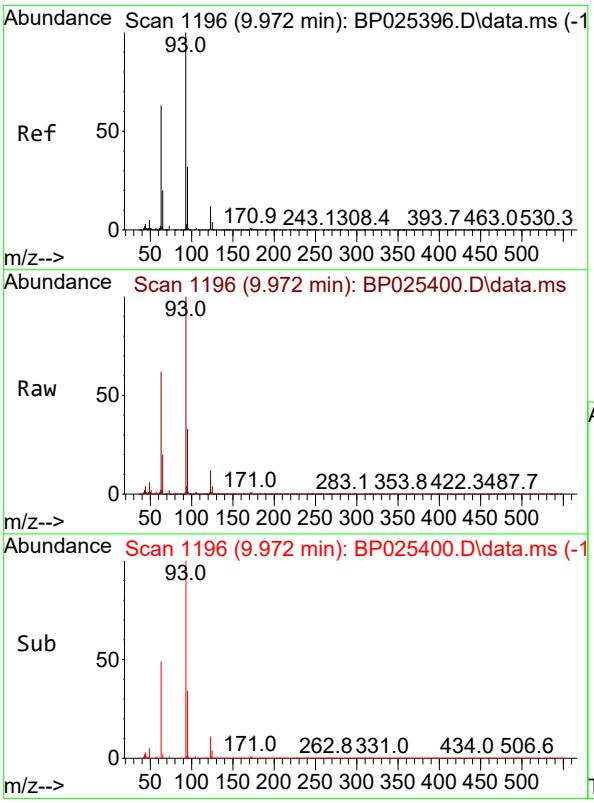
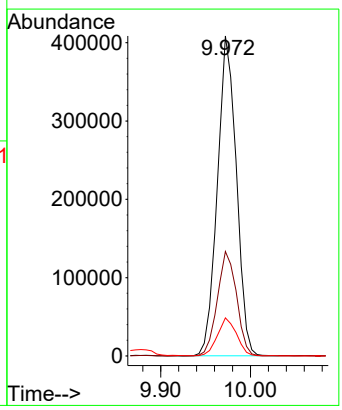
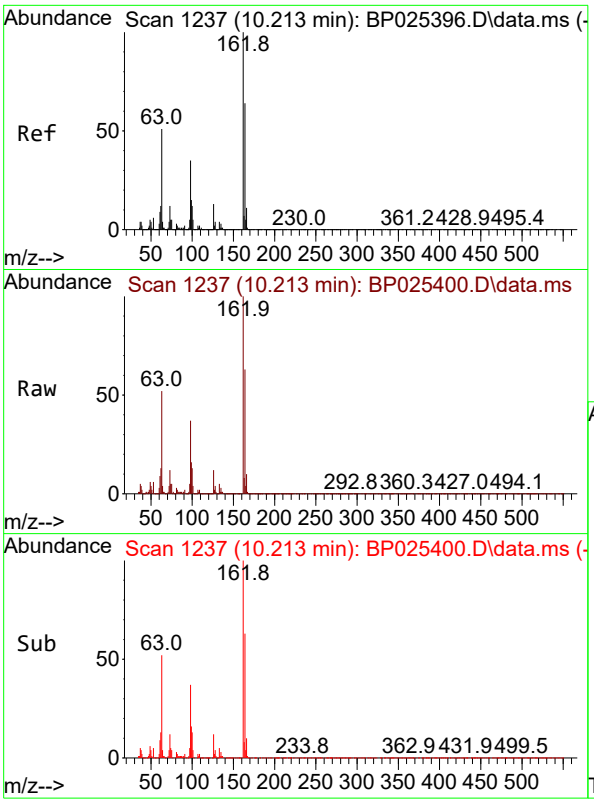


#28
bis(2-Chloroethoxy)methane
Concen: 37.816 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 93 Resp: 599862

Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.4	38.0
123	11.9	9.4	14.0

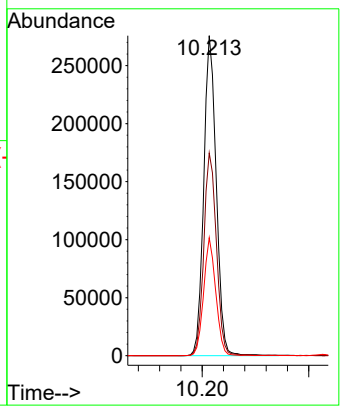




#29
2,4-Dichlorophenol
Concen: 38.649 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:162 Resp: 44903

Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.4	84.4
98	36.9	14.9	54.9



Instrument :
BNA_P
ClientSampleId :
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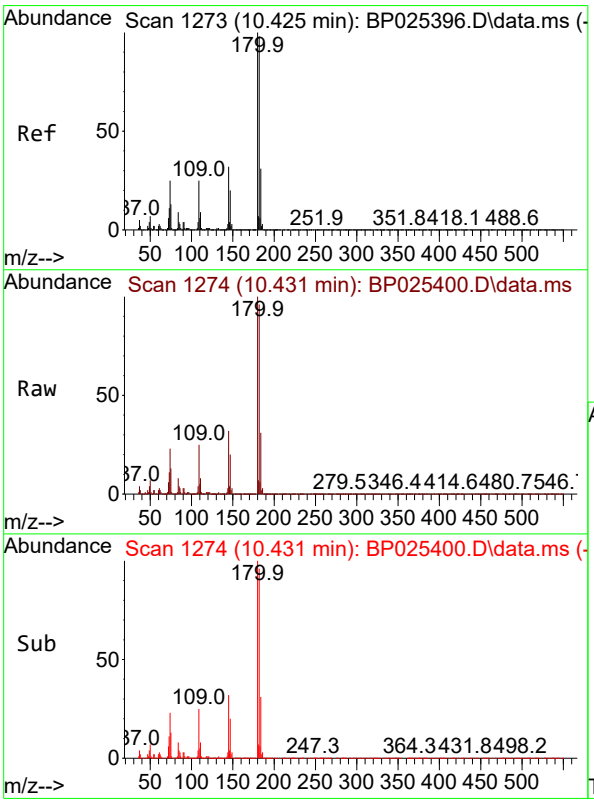
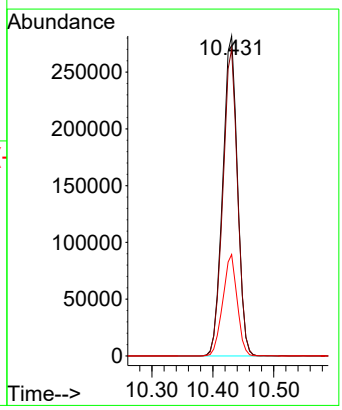
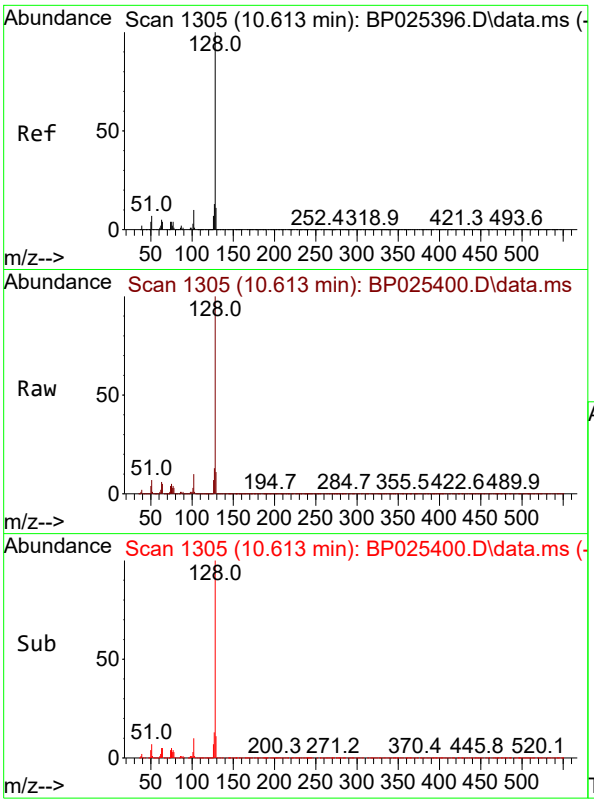


#30
1,2,4-Trichlorobenzene
Concen: 37.231 ng
RT: 10.431 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:180 Resp: 474183

Ion	Ratio	Lower	Upper
180	100		
182	95.9	78.0	117.0
145	31.7	25.9	38.9

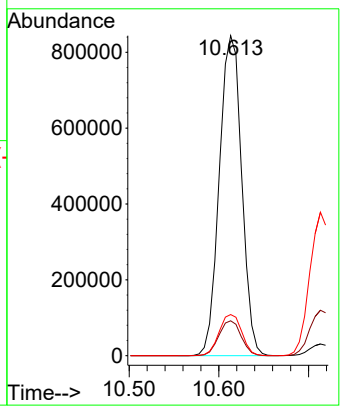




#31
Naphthalene
Concen: 37.431 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:128 Resp: 145927

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	12.8	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

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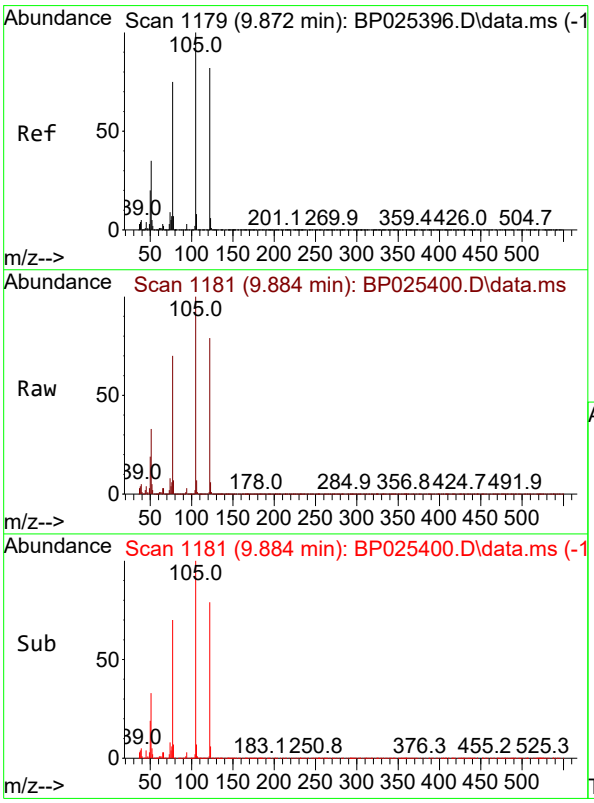
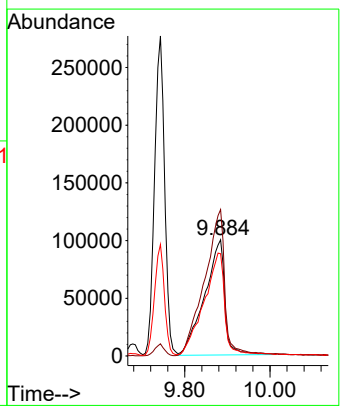
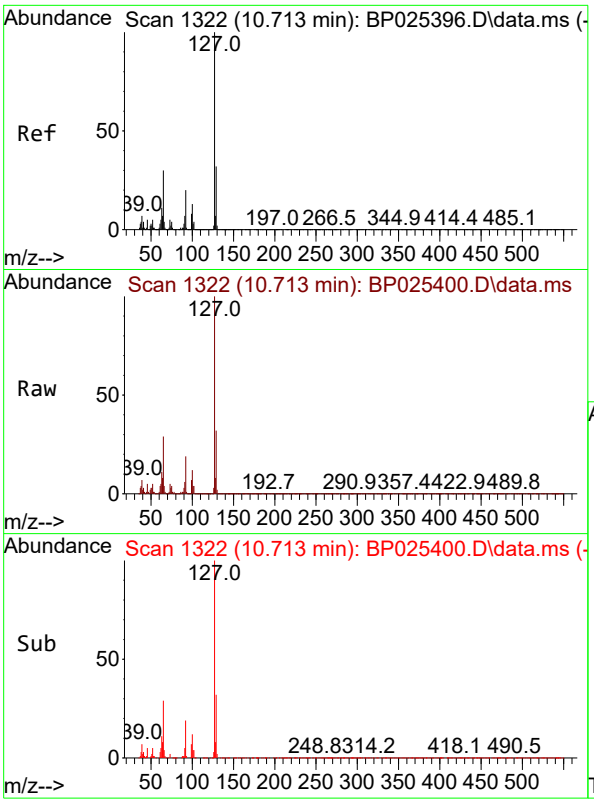


#32
Benzoic acid
Concen: 38.242 ng
RT: 9.884 min Scan# 1181
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

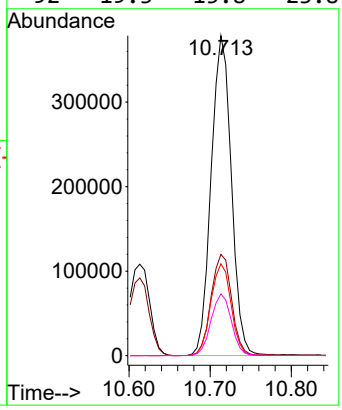




#33
4-Chloroaniline
Concen: 38.043 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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 :
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ClientSampleId :
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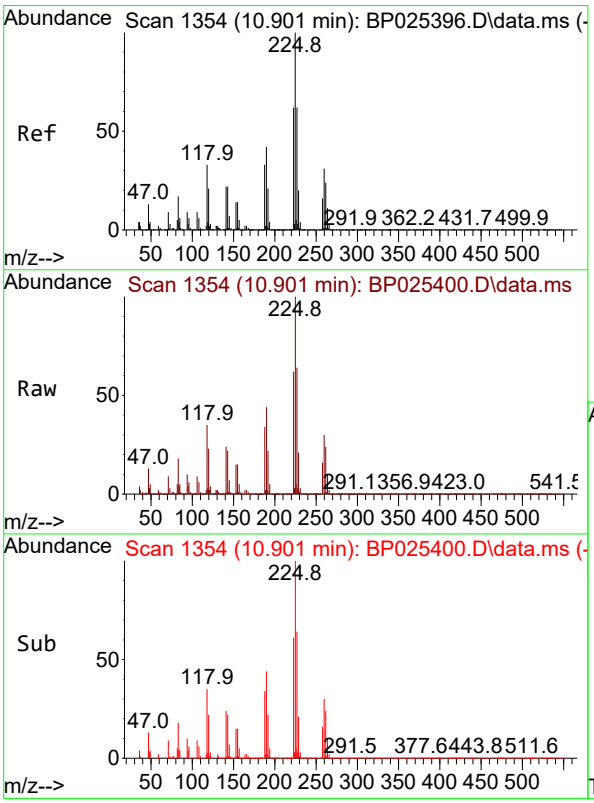
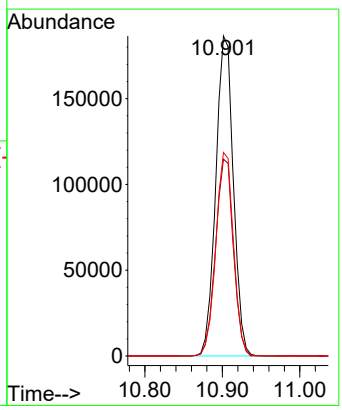
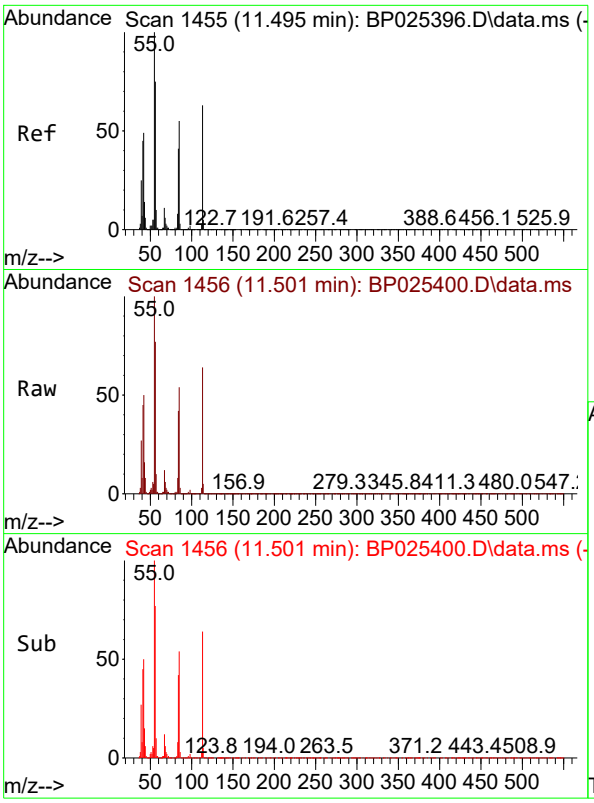


#34
Hexachlorobutadiene
Concen: 37.031 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

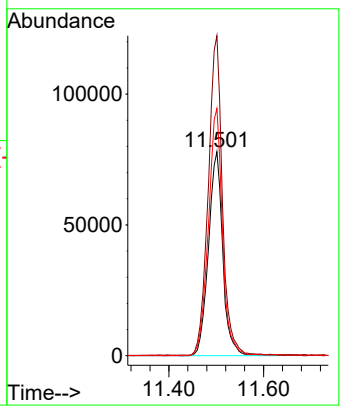




#35
Caprolactam
Concen: 38.310 ng
RT: 11.501 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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 :
BNA_P
ClientSampleId :
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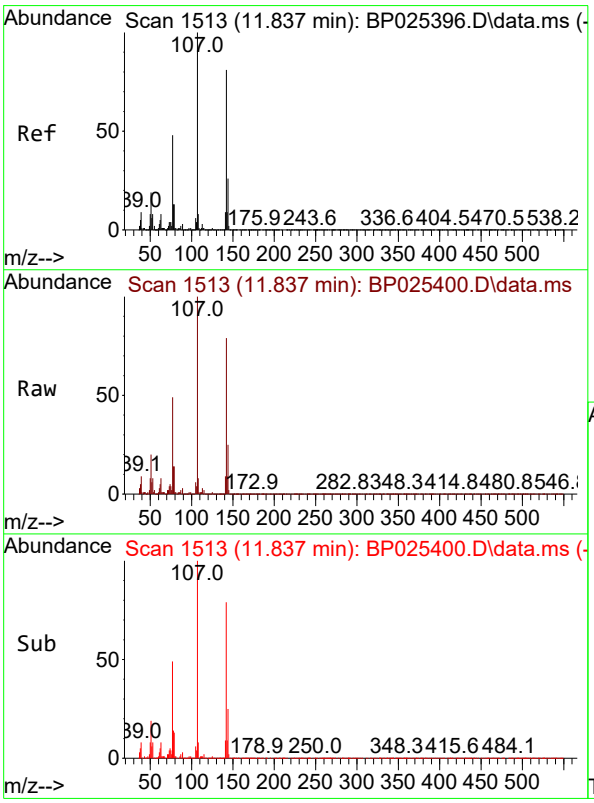
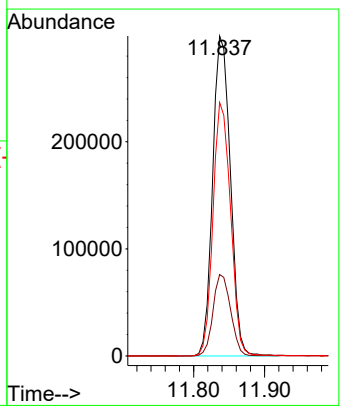
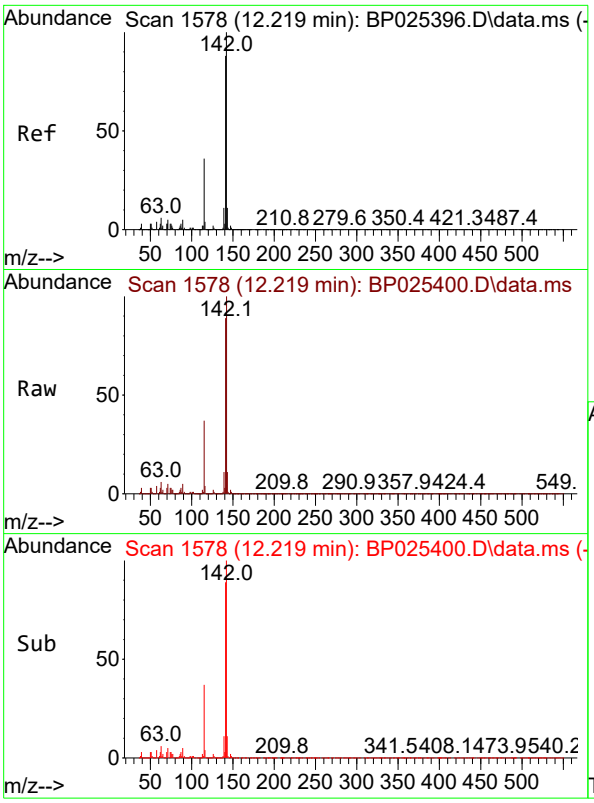


#36
4-Chloro-3-methylphenol
Concen: 38.789 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:107 Resp: 517126

Ion	Ratio	Lower	Upper
107	100		
144	25.4	21.0	31.4
142	79.2	64.6	97.0

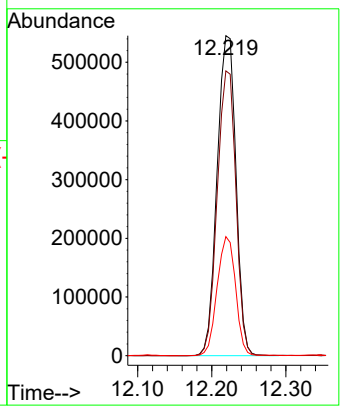




#37
2-Methylnaphthalene
Concen: 37.845 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:142 Resp: 96014

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.3	105.5
115	37.2	28.9	43.3



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

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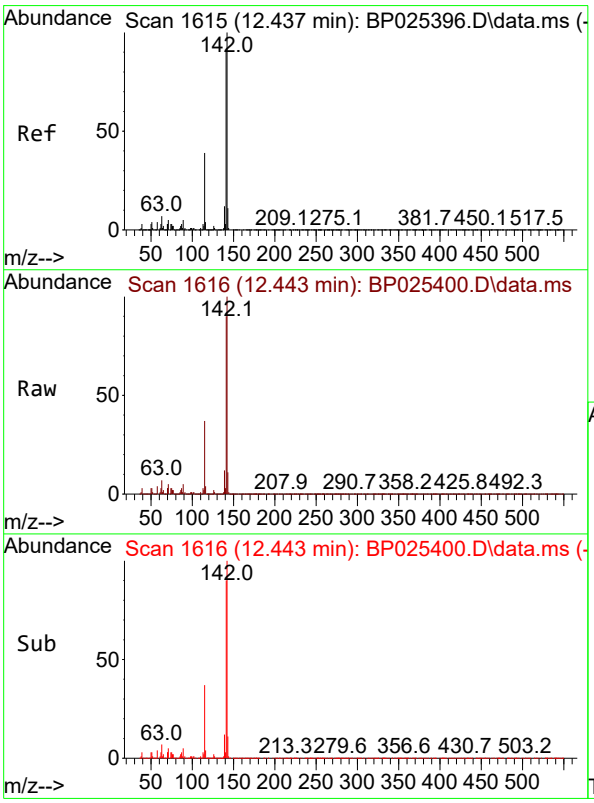
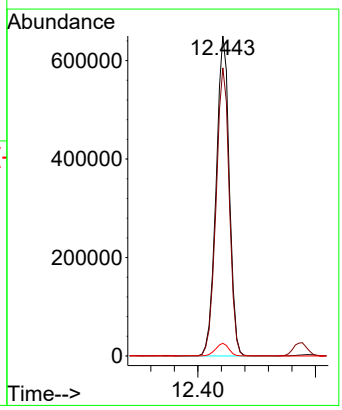
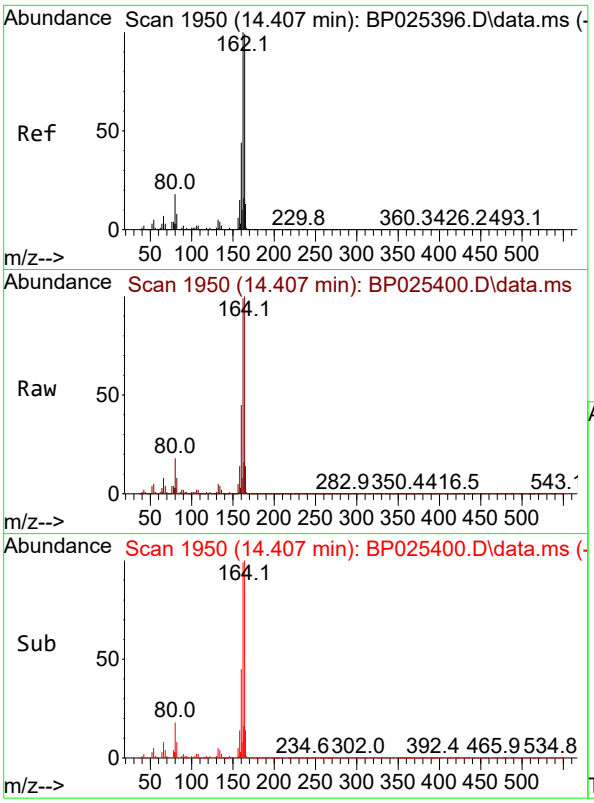


#38
1-Methylnaphthalene
Concen: 37.539 ng
RT: 12.443 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:142 Resp: 1012844

Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.1	109.7
116	3.9	3.2	4.8

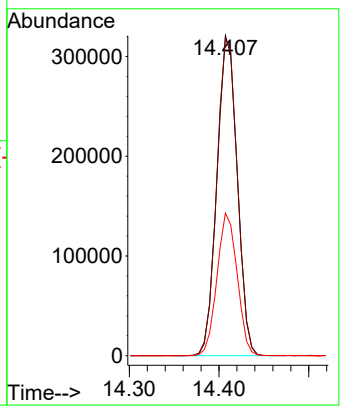




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:164 Resp: 50323

Ion	Ratio	Lower	Upper
164	100		
162	99.1	81.0	121.6
160	44.5	35.4	53.2



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

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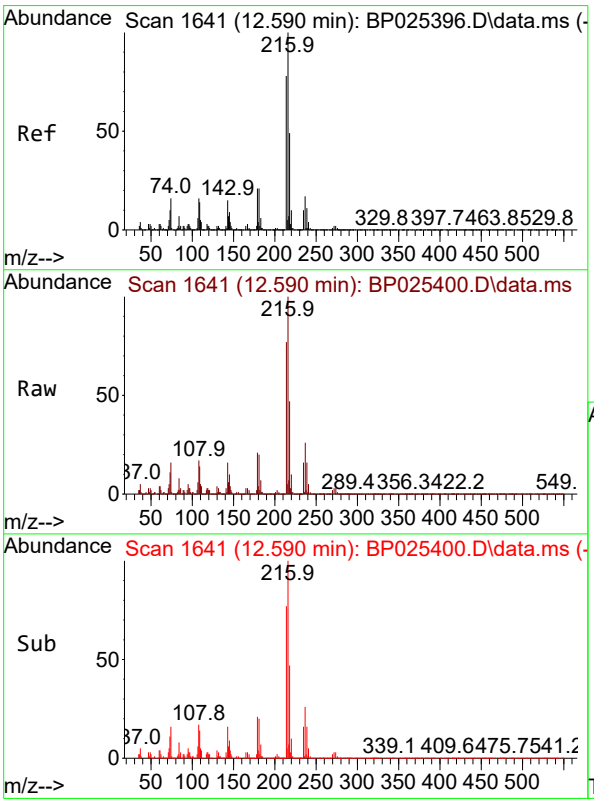
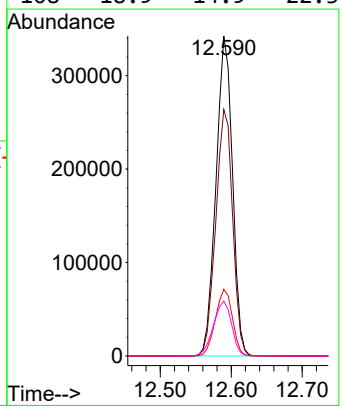
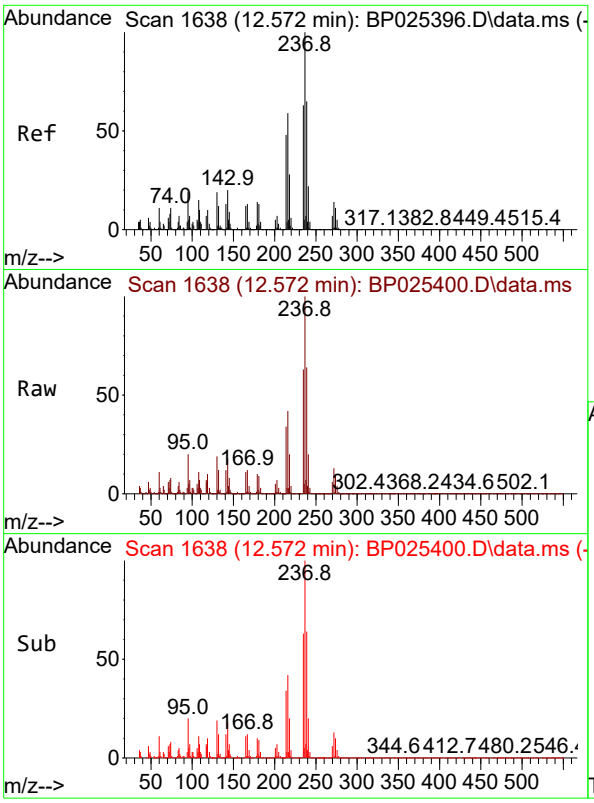


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.895 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:216 Resp: 550777

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	21.4	17.1	25.7
108	18.9	14.9	22.3





#41
Hexachlorocyclopentadiene
Concen: 40.074 ng
RT: 12.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Tgt Ion:237 Resp: 35181

Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.7	82.7
272	13.0	0.0	34.0

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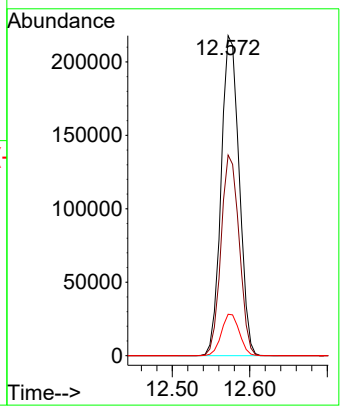
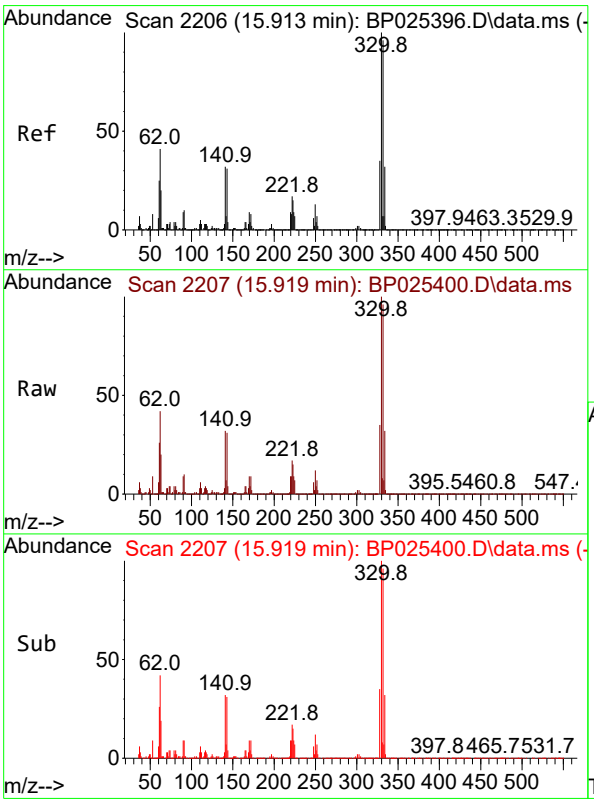
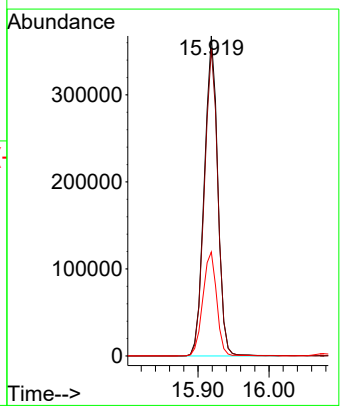


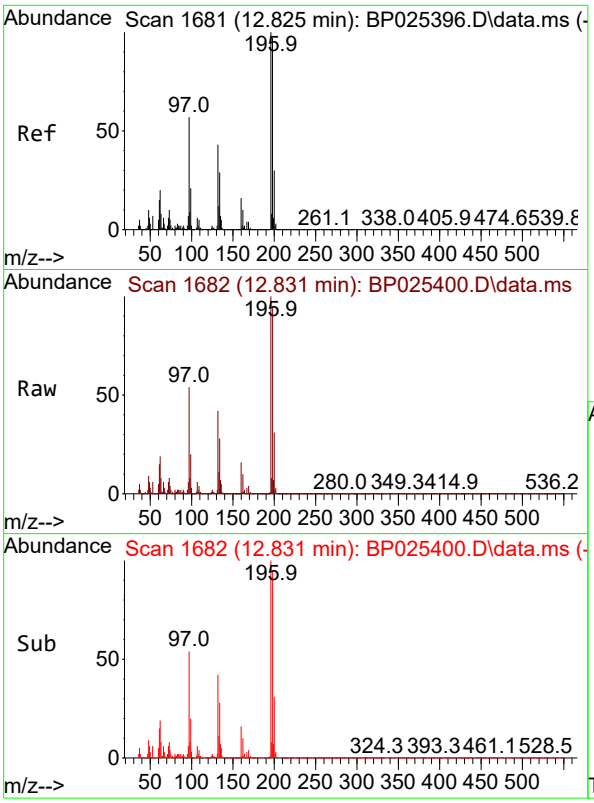


#42
2,4,6-Tribromophenol
Concen: 71.582 ng
RT: 15.919 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:330 Resp: 484870

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	33.4	26.6	39.8

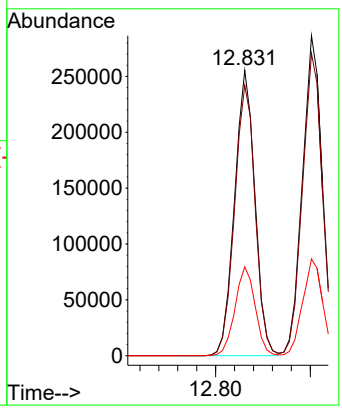




#43
2,4,6-Trichlorophenol
Concen: 38.972 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:196 Resp: 38239

Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.2	115.8
200	31.1	23.9	35.9



Instrument :
BNA_P
ClientSampleId :
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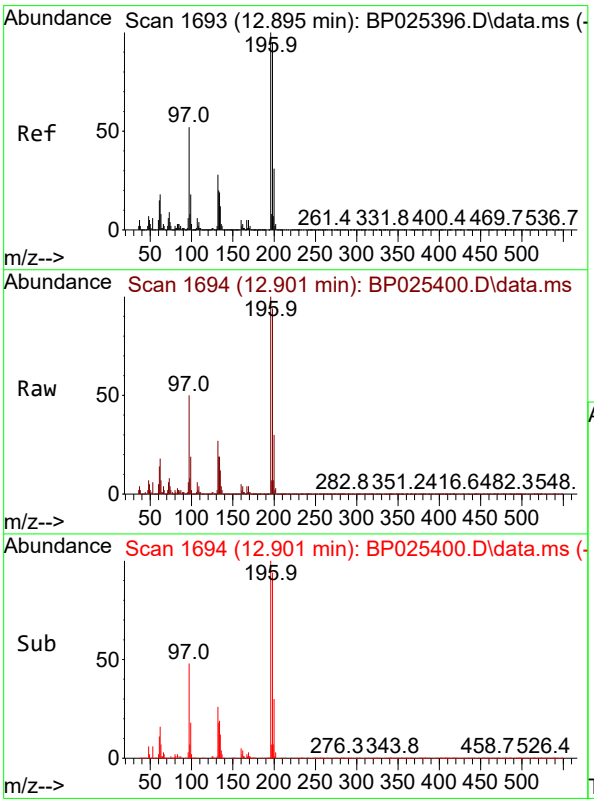
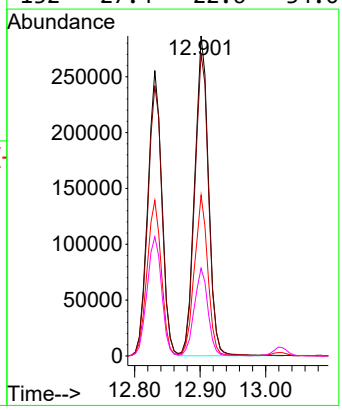
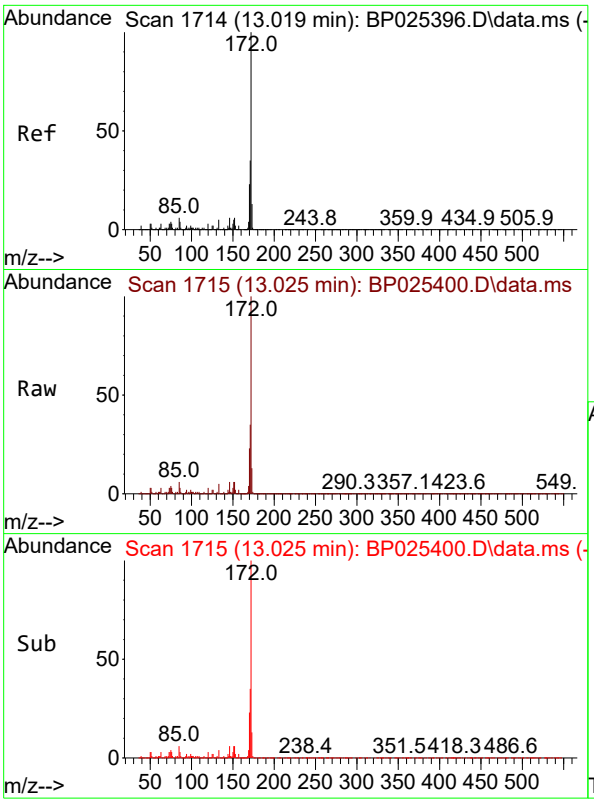


#44
2,4,5-Trichlorophenol
Concen: 39.108 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:196 Resp: 420565

Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.2	114.2
97	50.2	41.2	61.8
132	27.4	22.6	34.0

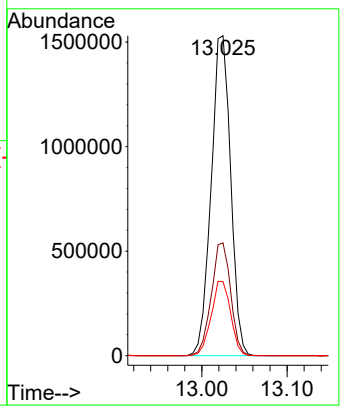




#45
2-Fluorobiphenyl
Concen: 66.016 ng
RT: 13.025 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:172 Resp: 243082

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.1	42.1
170	23.1	18.6	28.0



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

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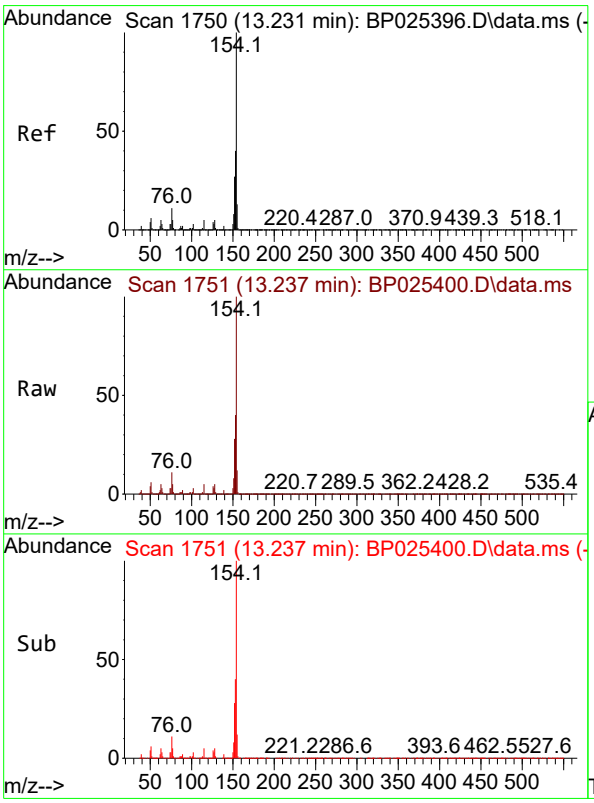
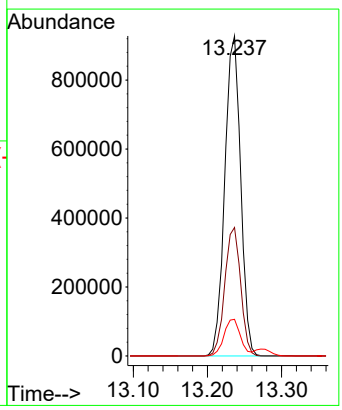
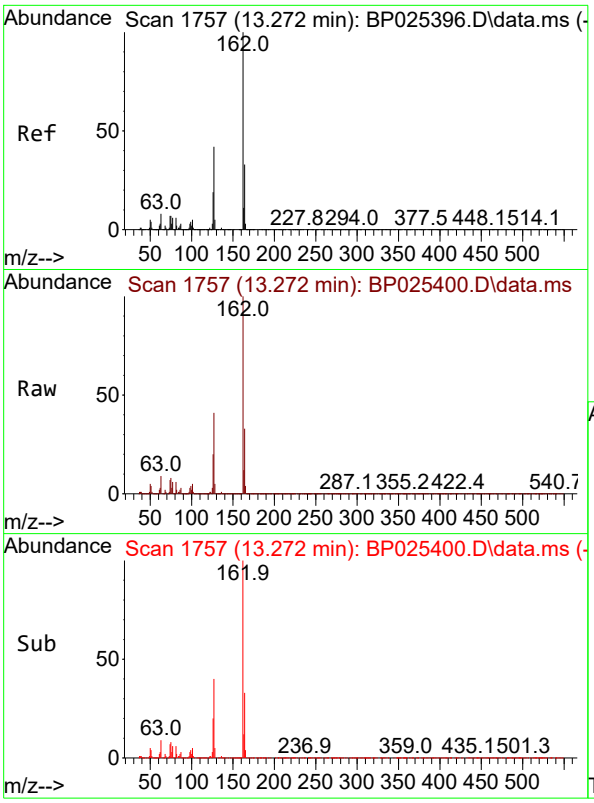


#46
1,1'-Biphenyl
Concen: 37.672 ng
RT: 13.237 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:154 Resp: 1376834

Ion	Ratio	Lower	Upper
154	100		
153	40.2	19.5	59.5
76	11.4	0.0	31.1

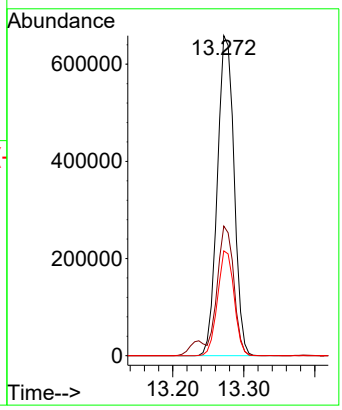




#47
2-Chloronaphthalene
Concen: 37.682 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:162 Resp: 107214

Ion	Ratio	Lower	Upper
162	100		
127	40.5	33.4	50.2
164	32.8	26.2	39.2



Instrument :
BNA_P
ClientSampleId :
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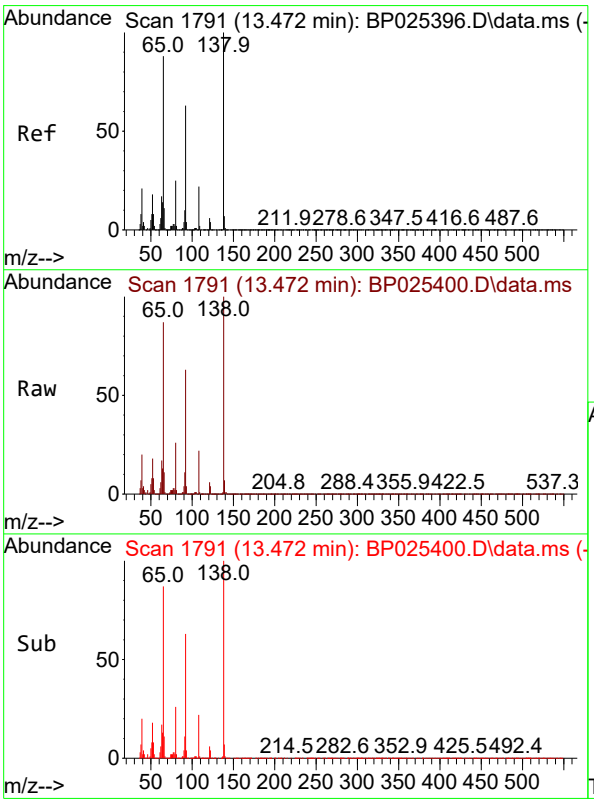
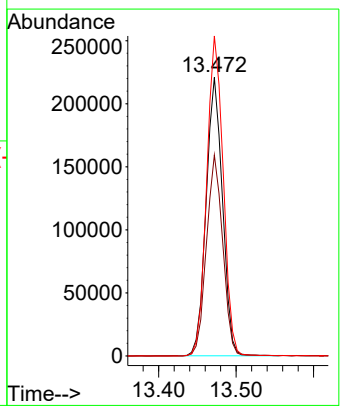
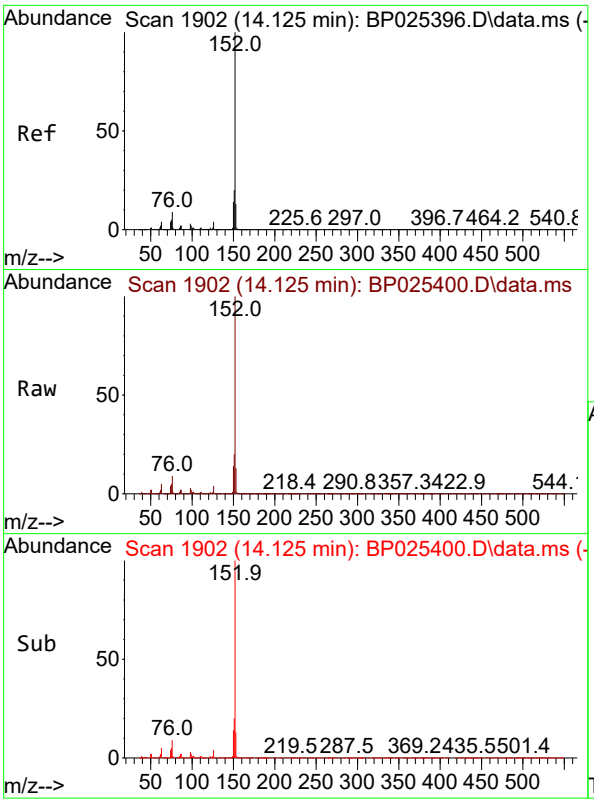


#48
2-Nitroaniline
Concen: 39.081 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

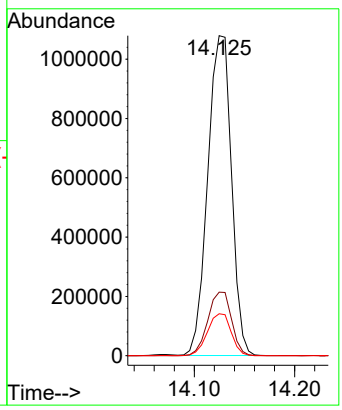




#49
Acenaphthylene
Concen: 37.720 ng
RT: 14.125 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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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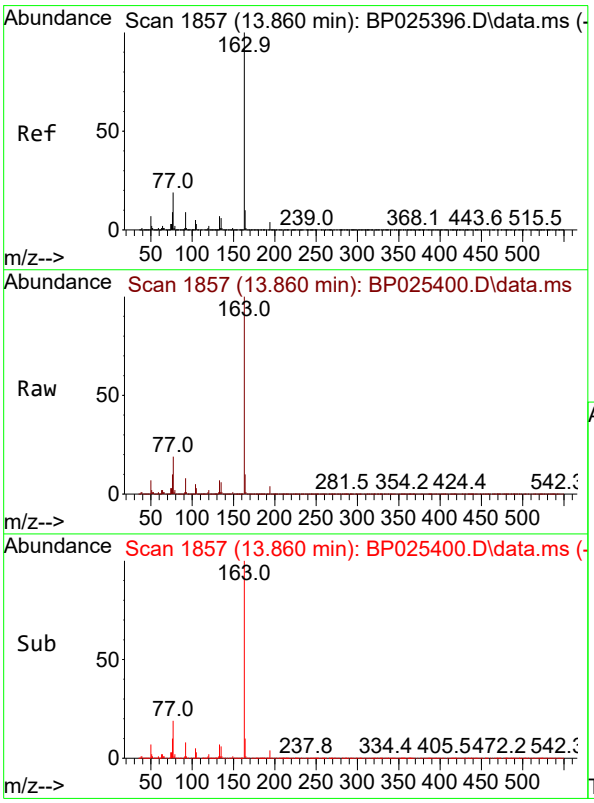
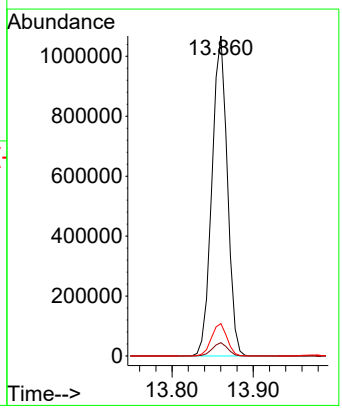
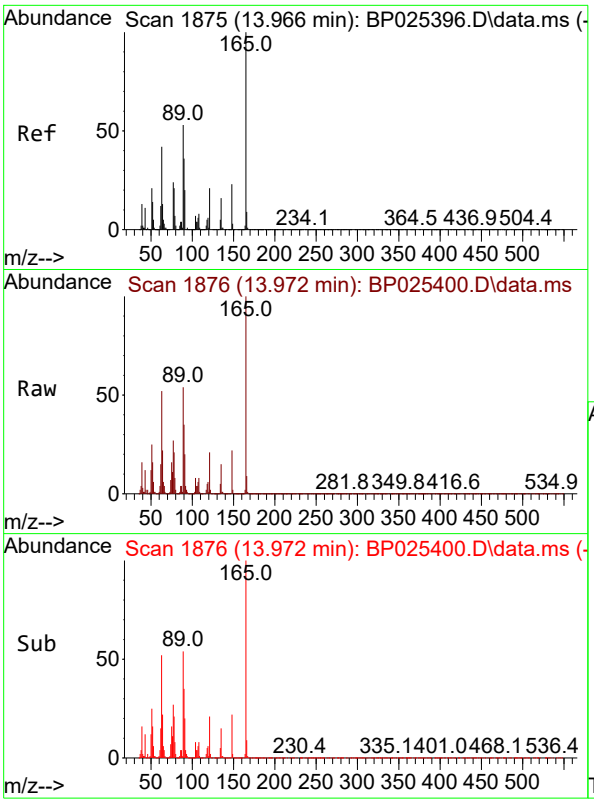


#50
Dimethylphthalate
Concen: 38.170 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

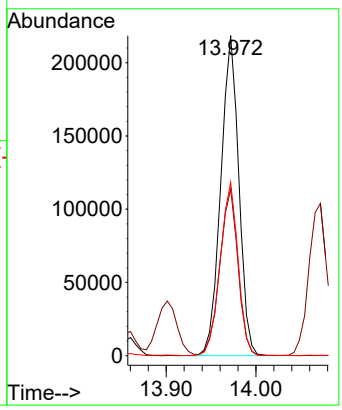




#51
2,6-Dinitrotoluene
Concen: 39.211 ng
RT: 13.972 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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 :
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ClientSampleId :
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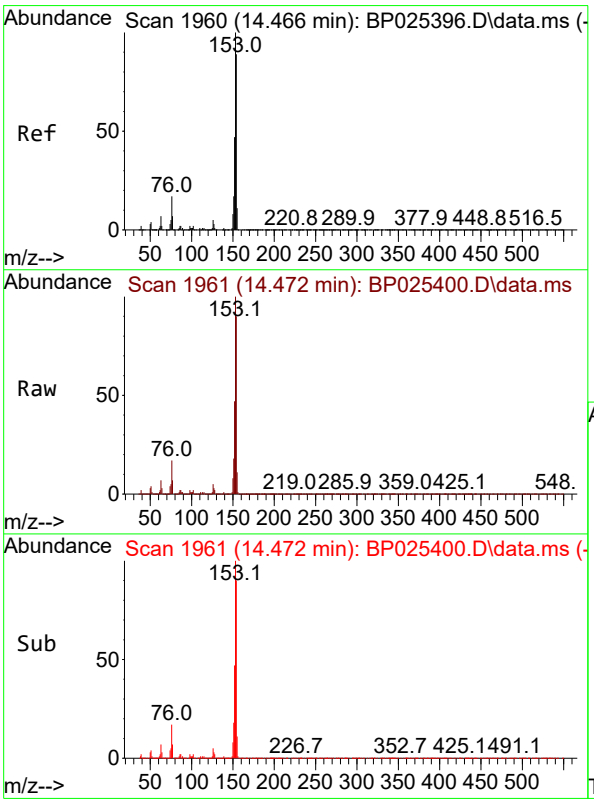
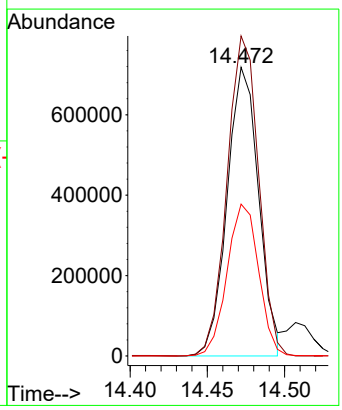
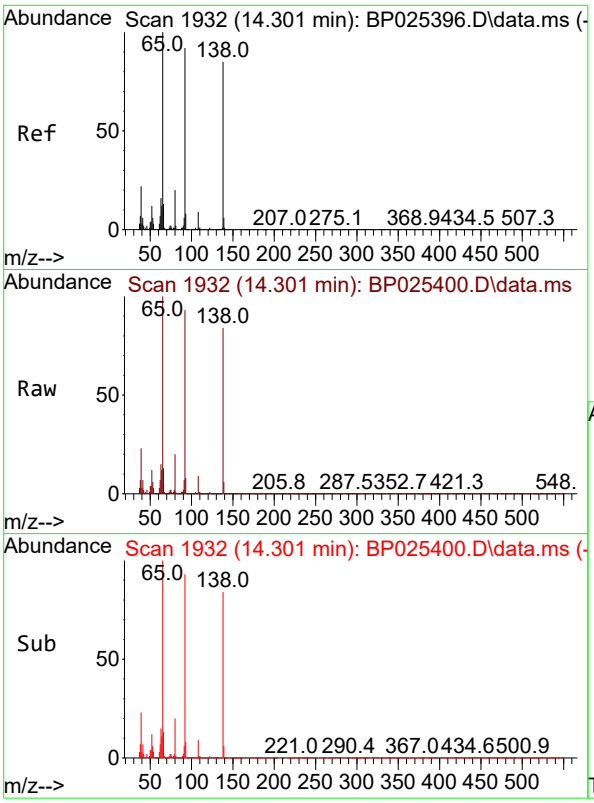


#52
Acenaphthene
Concen: 36.837 ng m
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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 :
ICVBP081425

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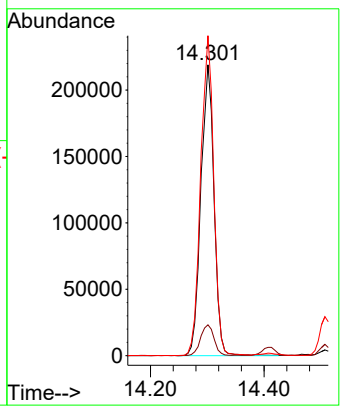
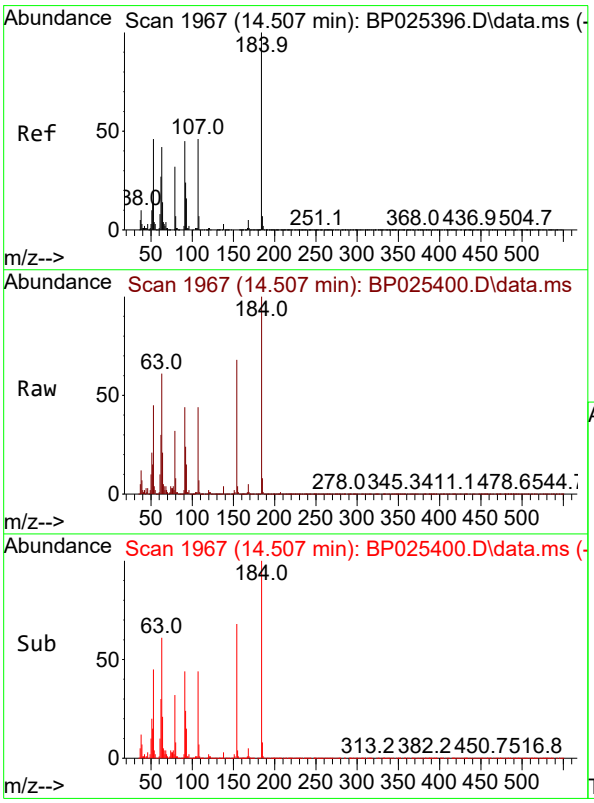
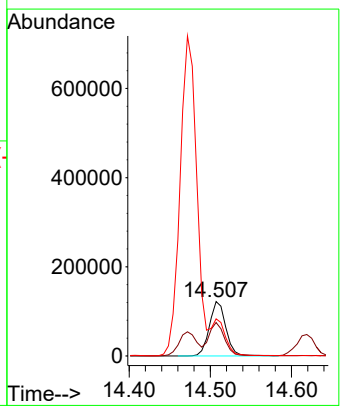


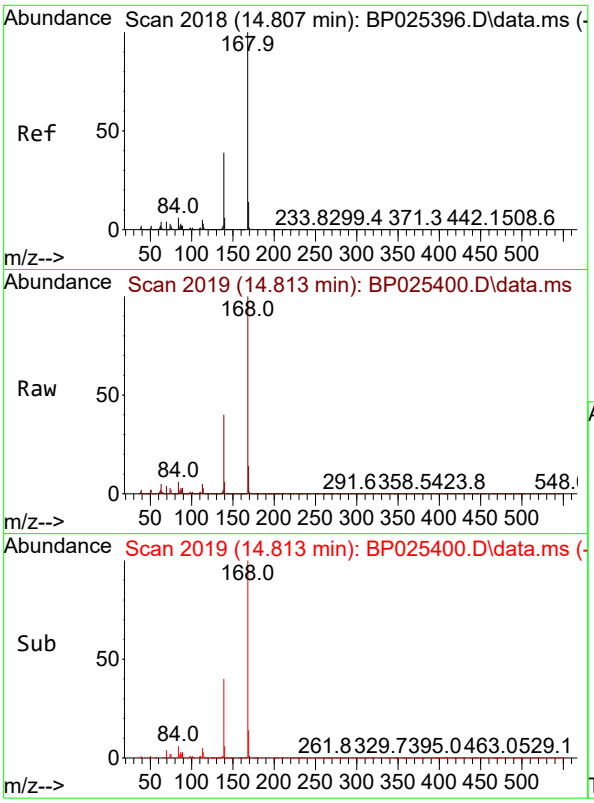


#54
2,4-Dinitrophenol
Concen: 41.646 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:184 Resp: 172743

Ion	Ratio	Lower	Upper
184	100		
63	61.3	49.4	74.2
154	68.1	54.6	82.0

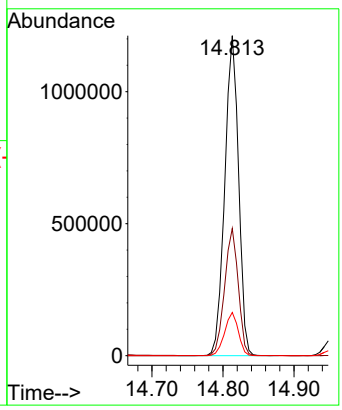




#55
Dibenzofuran
Concen: 37.324 ng
RT: 14.813 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:168 Resp: 163074

Ion	Ratio	Lower	Upper
168	100		
139	39.8	31.5	47.3
169	13.5	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
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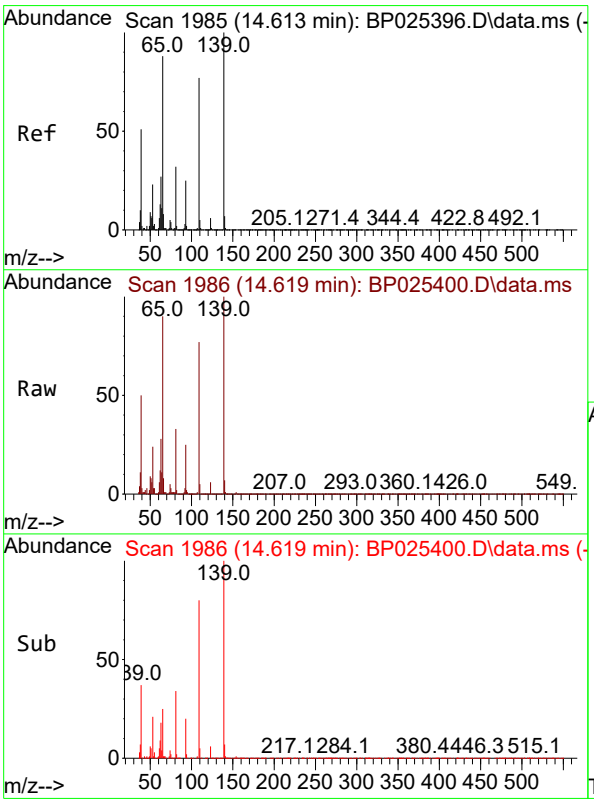
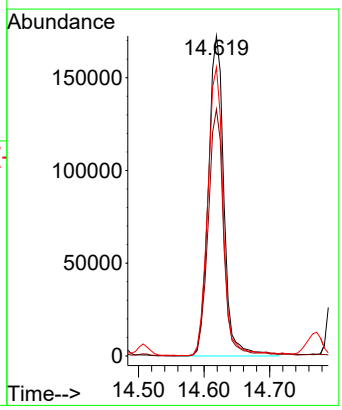
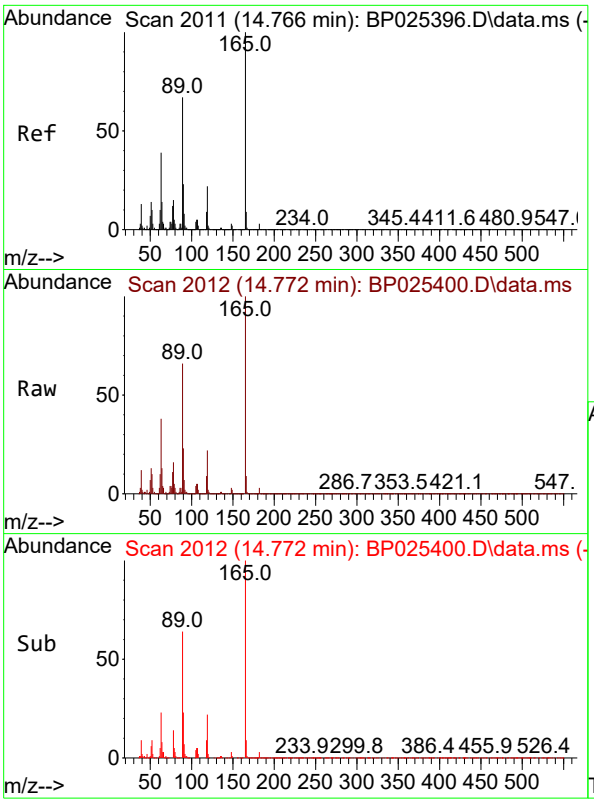


#56
4-Nitrophenol
Concen: 39.630 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:139 Resp: 284585

Ion	Ratio	Lower	Upper
139	100		
109	77.1	56.6	96.6
65	90.2	68.2	108.2

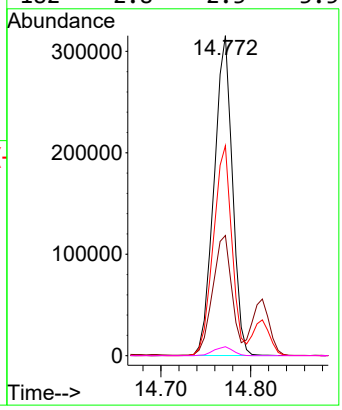




#57
2,4-Dinitrotoluene
Concen: 40.439 ng
RT: 14.772 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:165 Resp: 44814

Ion	Ratio	Lower	Upper
165	100		
63	37.5	31.4	47.2
89	65.6	53.3	79.9
182	2.8	2.3	3.5



Instrument :
BNA_P
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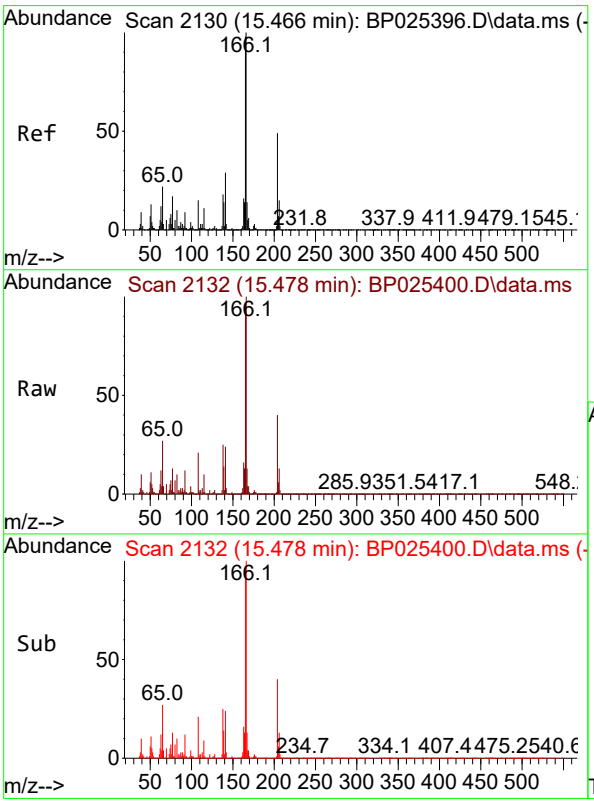
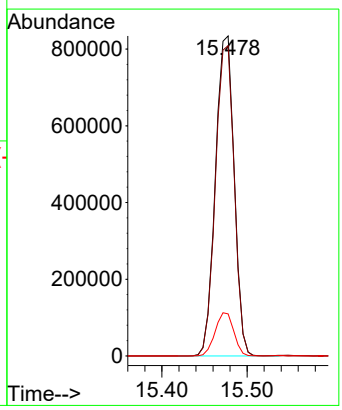
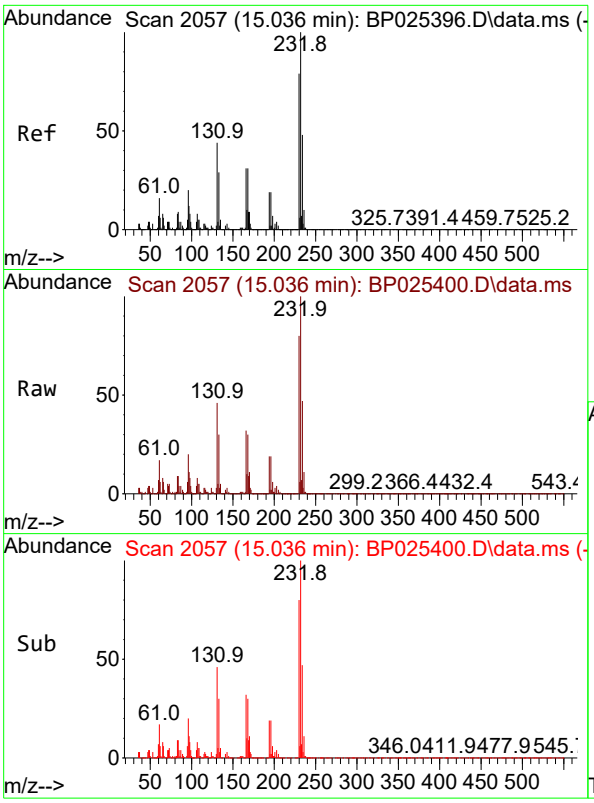


#58
Fluorene
Concen: 36.992 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

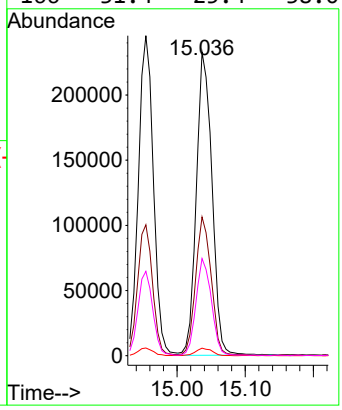




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.147 ng
RT: 15.036 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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 :
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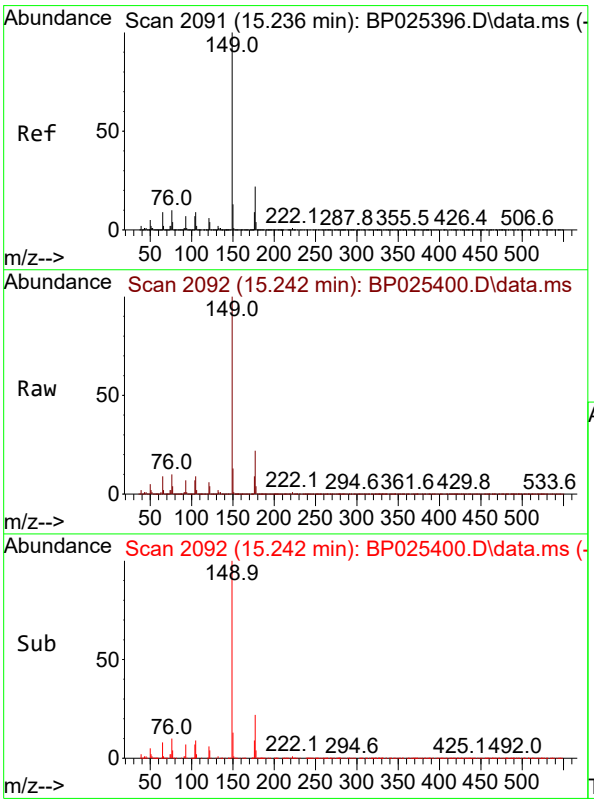
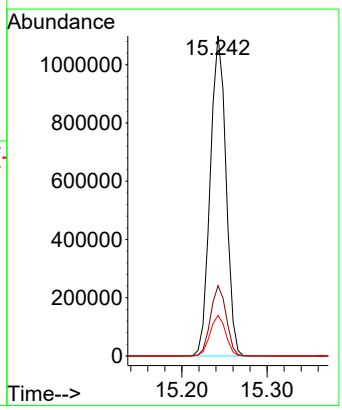
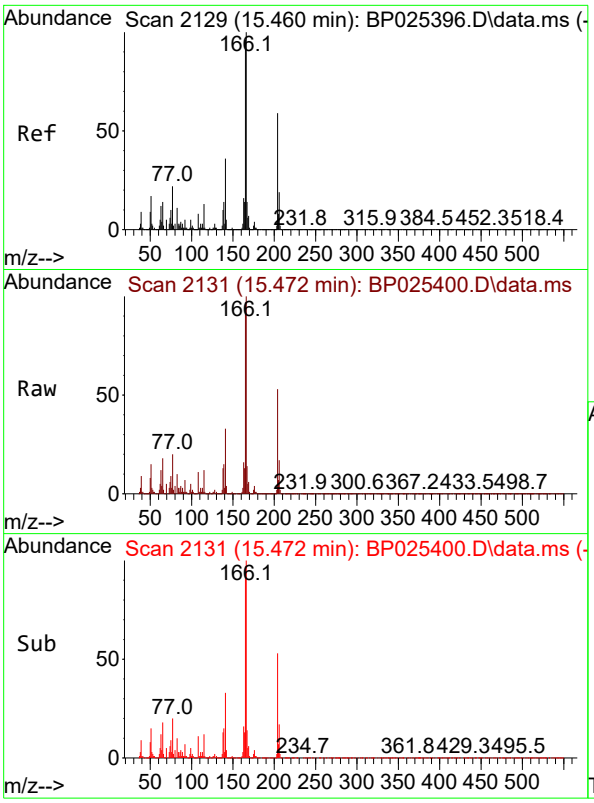


#60
Diethylphthalate
Concen: 37.810 ng
RT: 15.242 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:149 Resp: 1415787

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.3	25.9
150	12.7	10.3	15.5





#61
4-Chlorophenyl-phenylether
Concen: 36.596 ng
RT: 15.472 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:204 Resp: 62747

Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.8	38.8
141	62.9	49.4	74.2

Instrument :
BNA_P
ClientSampleId :
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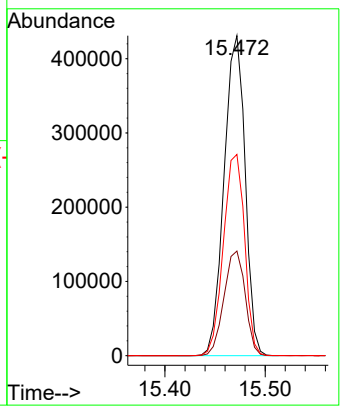
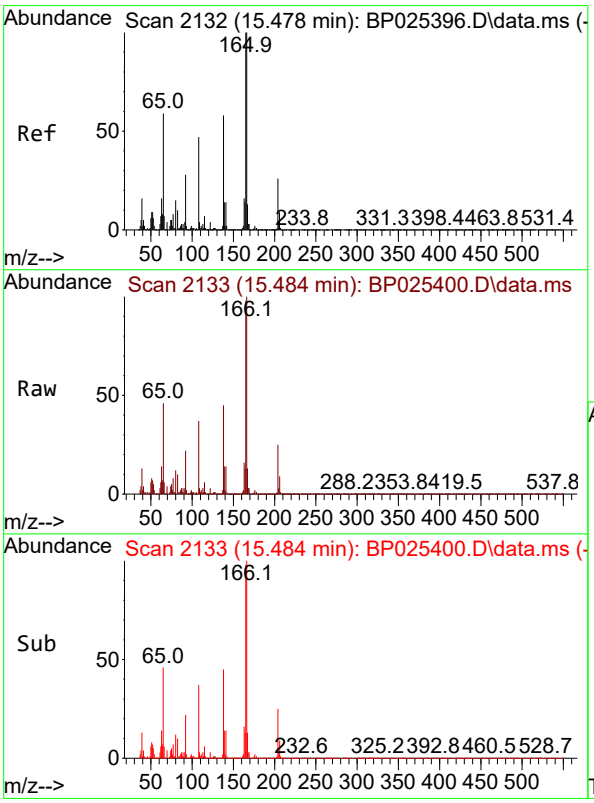
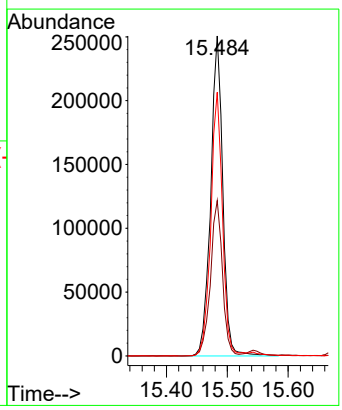


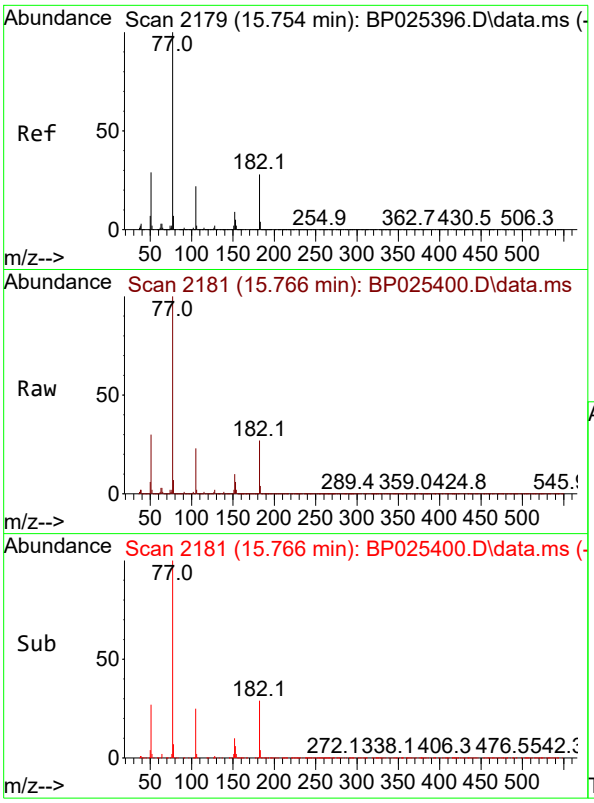


#62
4-Nitroaniline
Concen: 38.717 ng
RT: 15.484 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:138 Resp: 346865

Ion	Ratio	Lower	Upper
138	100		
92	48.5	29.1	69.1
108	82.4	61.5	101.5

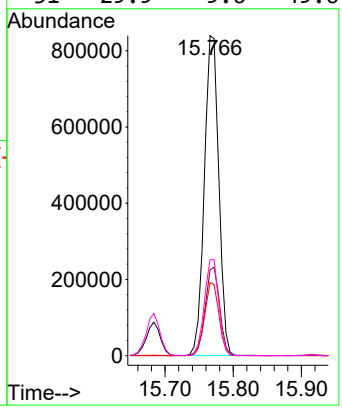




#63
Azobenzene
Concen: 38.526 ng
RT: 15.766 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 77 Resp: 123524

Ion	Ratio	Lower	Upper
77	100		
182	26.8	7.5	47.5
105	22.8	2.1	42.1
51	29.9	9.6	49.6



Instrument :
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ClientSampleId :
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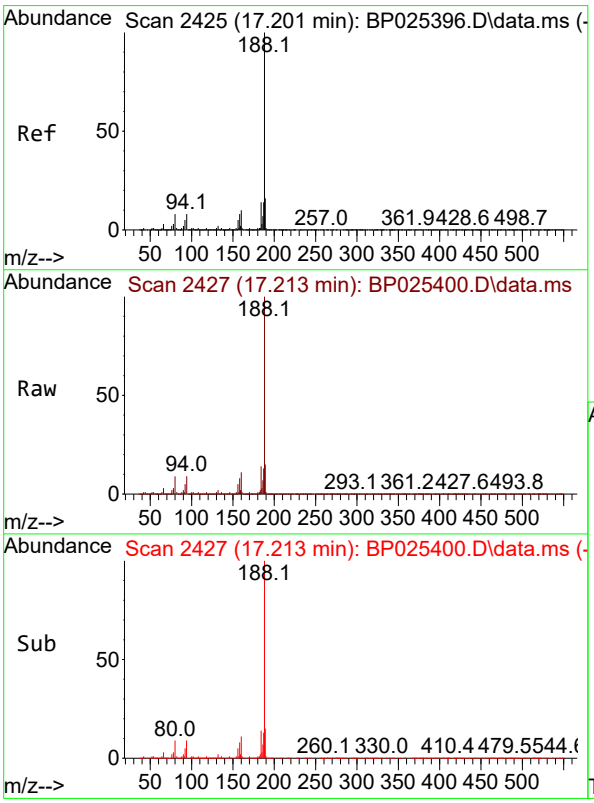
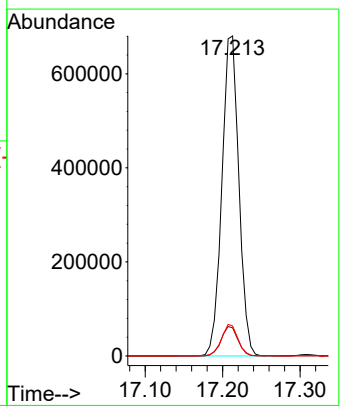
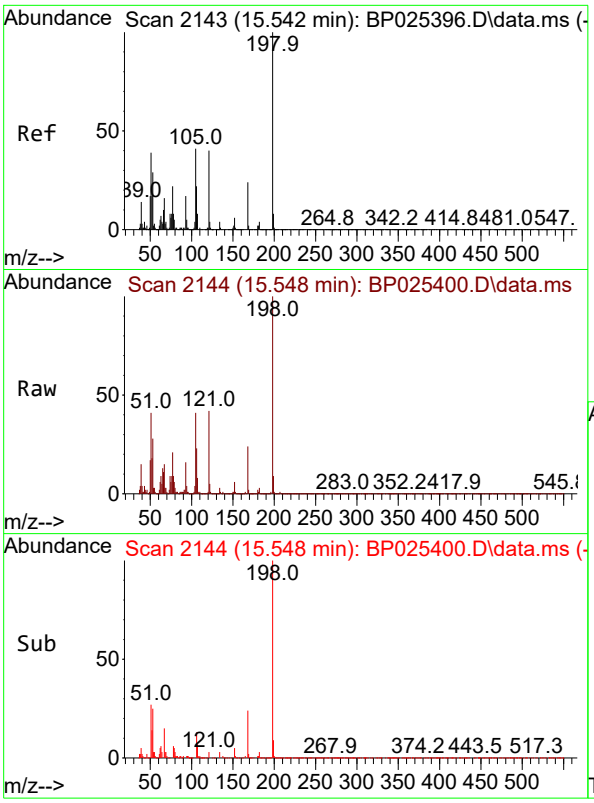


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

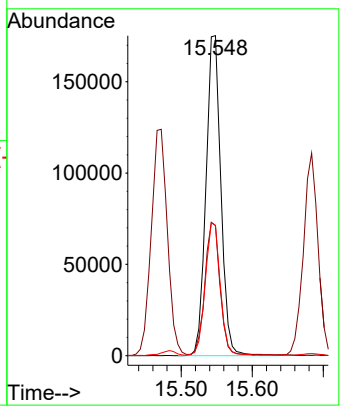




#65
4,6-Dinitro-2-methylphenol
Concen: 39.721 ng
RT: 15.548 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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 :
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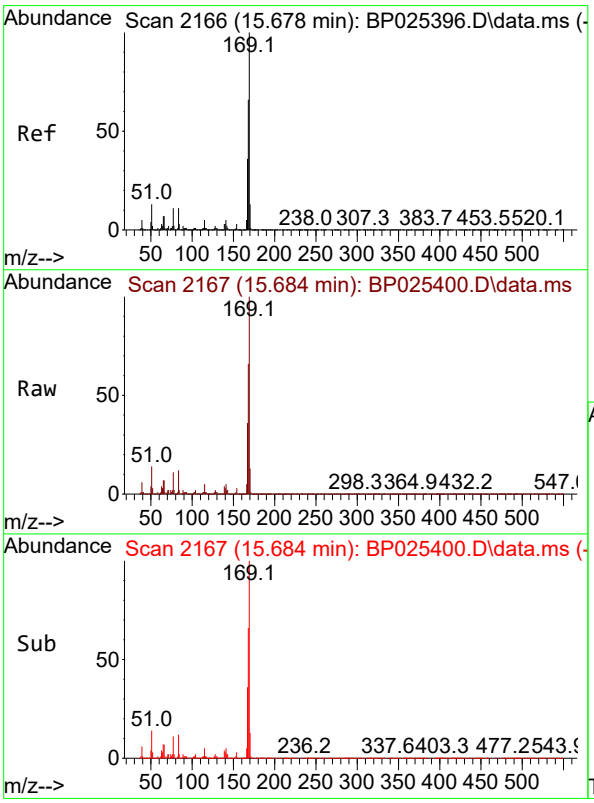
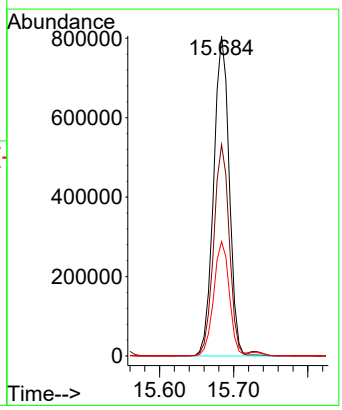
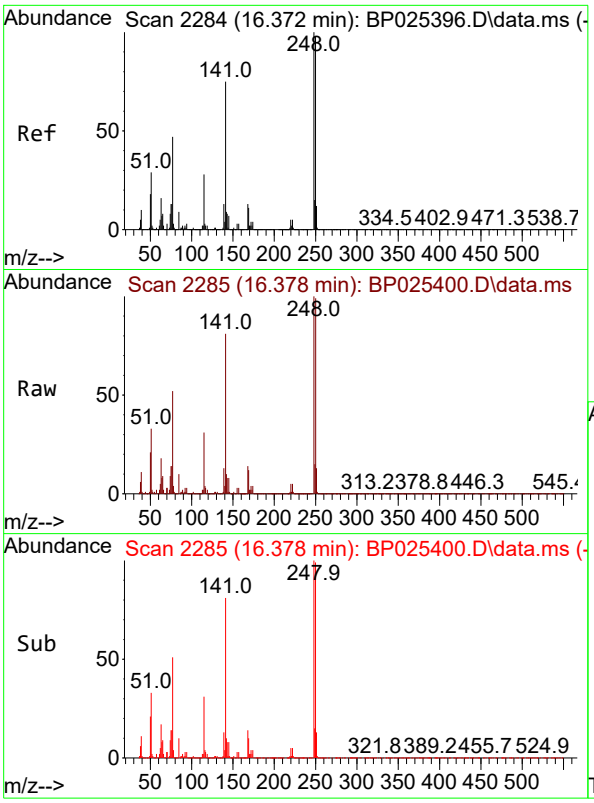


#66
n-Nitrosodiphenylamine
Concen: 37.227 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

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

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

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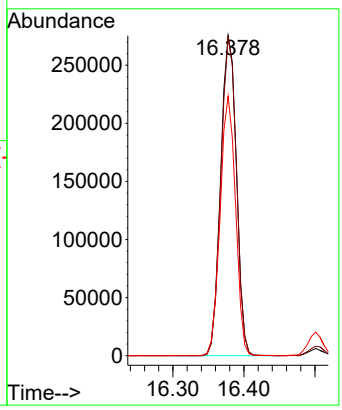
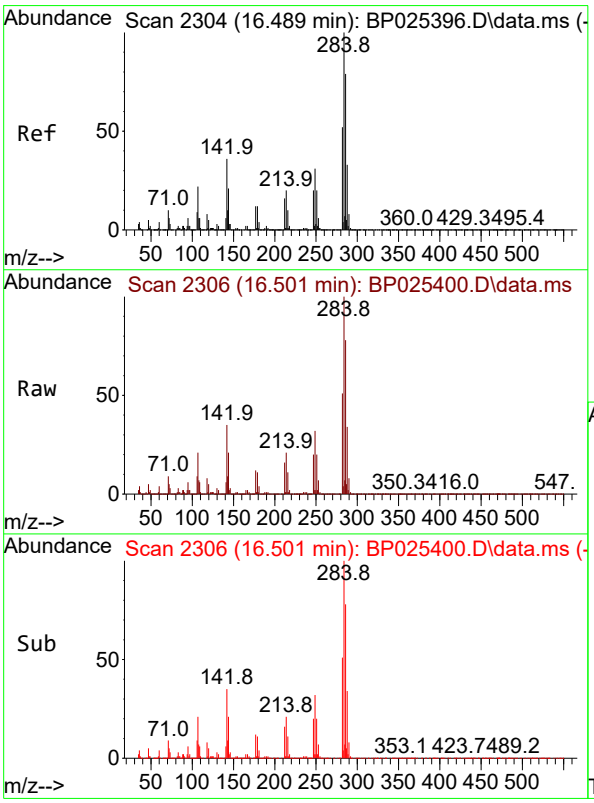
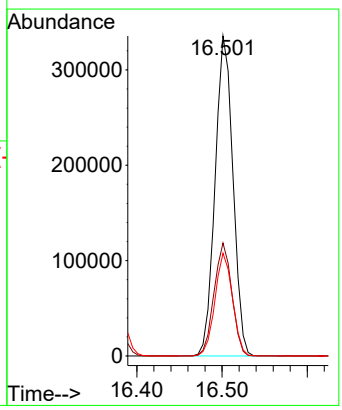


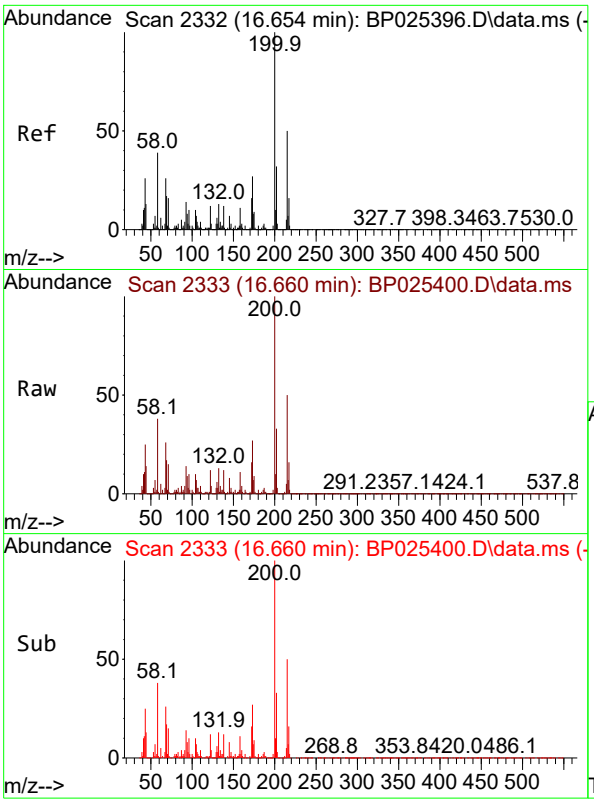


#68
Hexachlorobenzene
Concen: 37.062 ng
RT: 16.501 min Scan# 2306
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:284 Resp: 488749

Ion	Ratio	Lower	Upper
284	100		
142	35.3	29.1	43.7
249	32.1	25.0	37.4

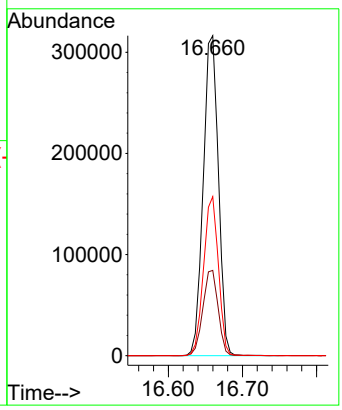




#69
Atrazine
Concen: 38.057 ng
RT: 16.660 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:200 Resp: 44955

Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.7	46.7
215	49.7	29.7	69.7



Instrument :
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ClientSampleId :
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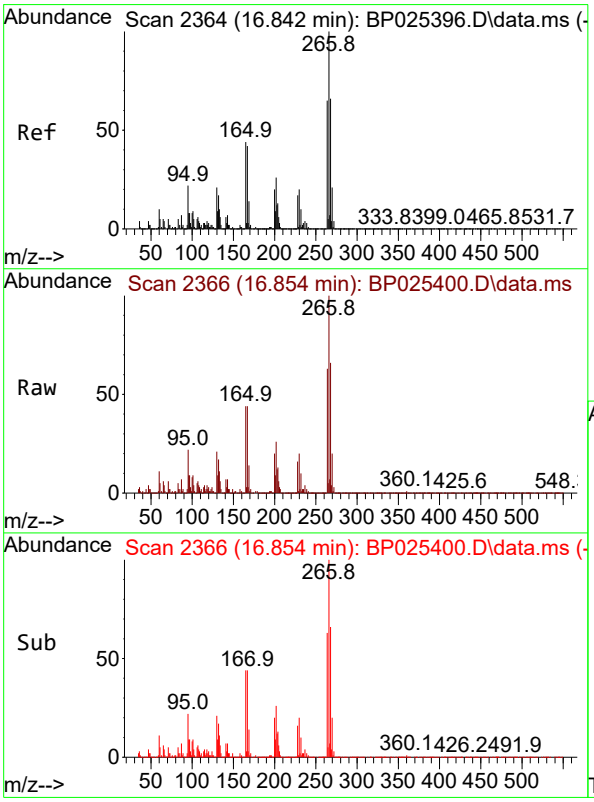
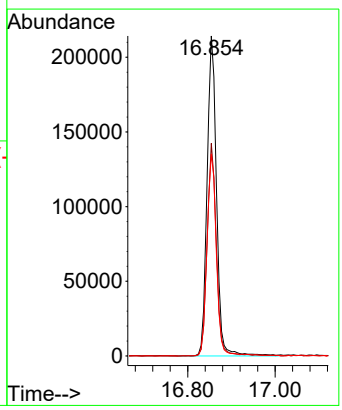
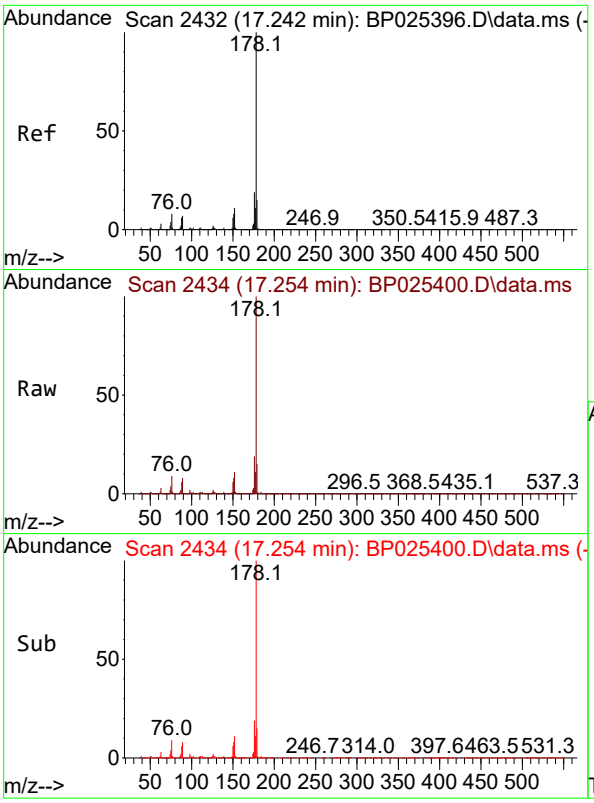


#70
Pentachlorophenol
Concen: 38.733 ng
RT: 16.854 min Scan# 2366
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:266 Resp: 322435

Ion	Ratio	Lower	Upper
266	100		
268	66.4	52.6	79.0
264	63.2	52.0	78.0

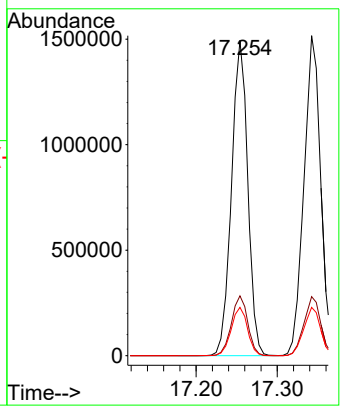




#71
Phenanthrene
Concen: 36.445 ng
RT: 17.254 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:178 Resp: 207087

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.3	12.2	18.4



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

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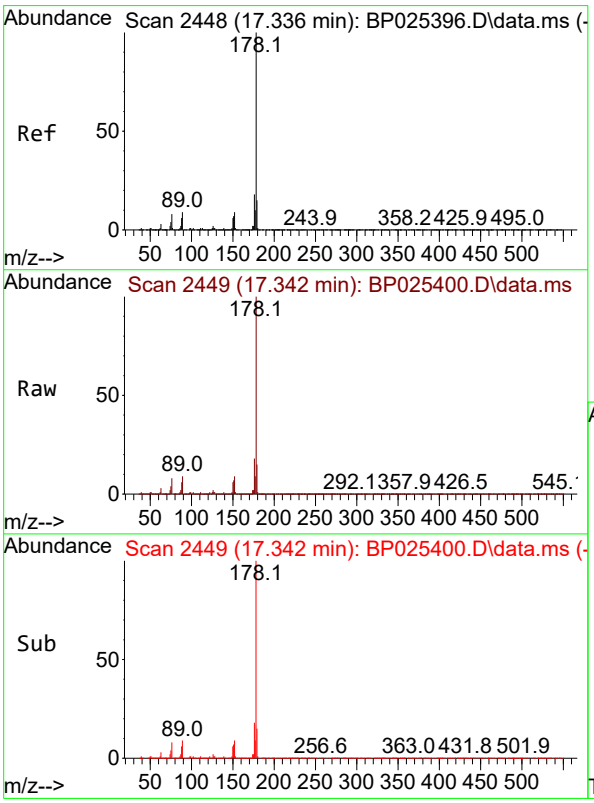
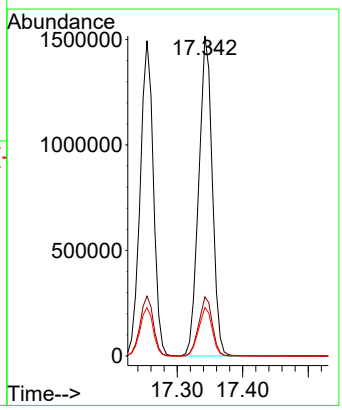
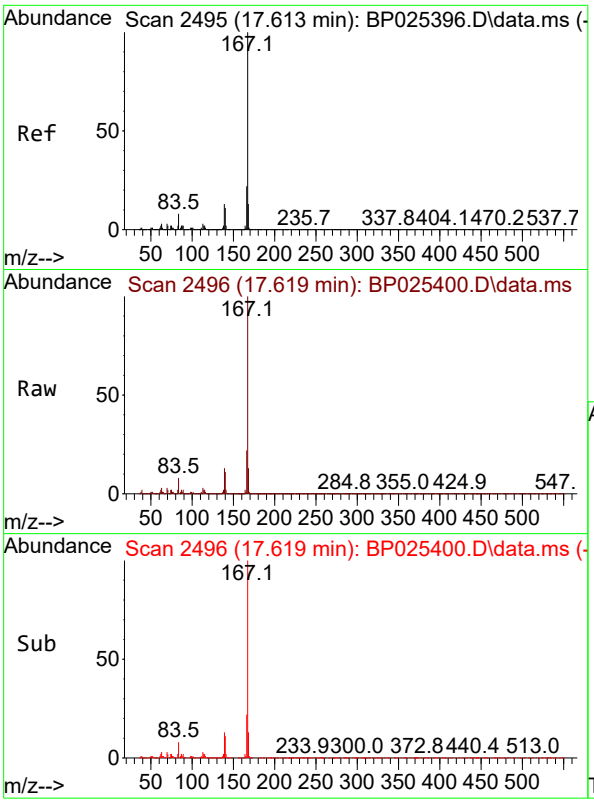


#72
Anthracene
Concen: 37.563 ng
RT: 17.342 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:178 Resp: 2179669

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	15.1	12.2	18.2

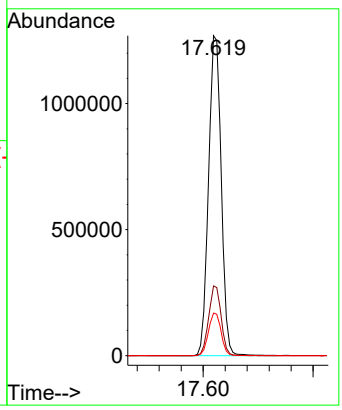




#73
Carbazole
Concen: 37.116 ng
RT: 17.619 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:167 Resp: 202859

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.5	26.3
139	13.3	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

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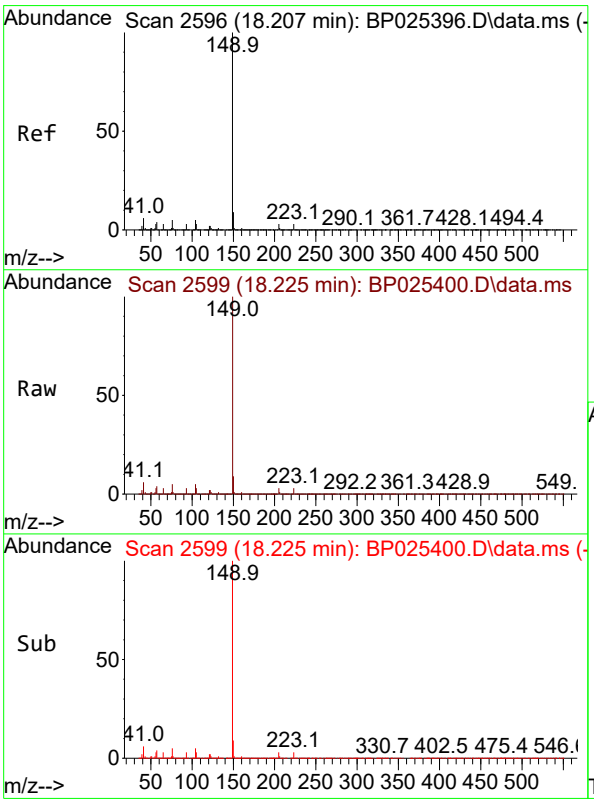
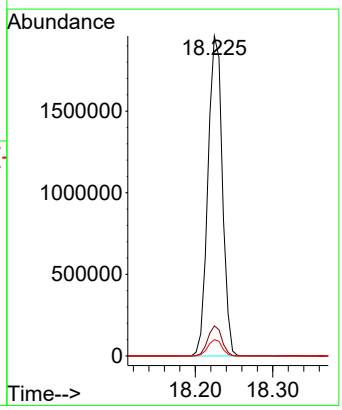
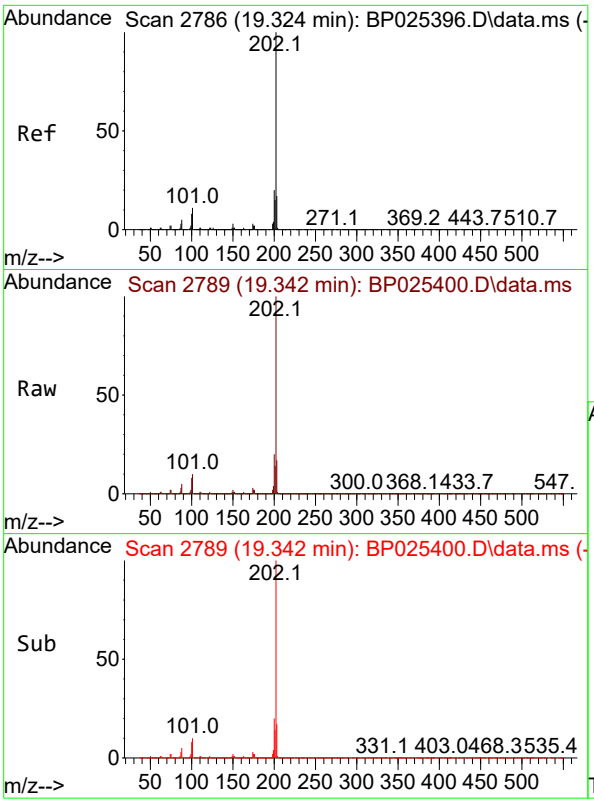


#74
Di-n-butylphthalate
Concen: 37.602 ng
RT: 18.225 min Scan# 2599
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

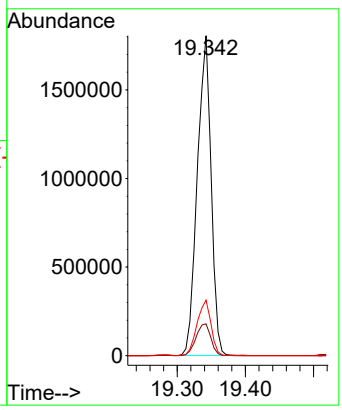




#75
Fluoranthene
Concen: 37.481 ng
RT: 19.342 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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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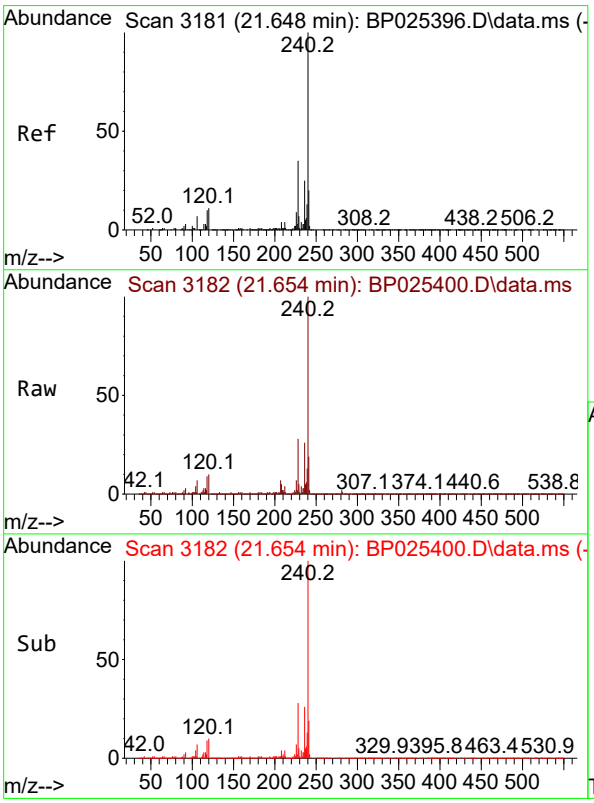
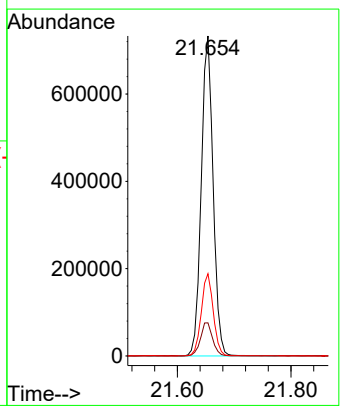
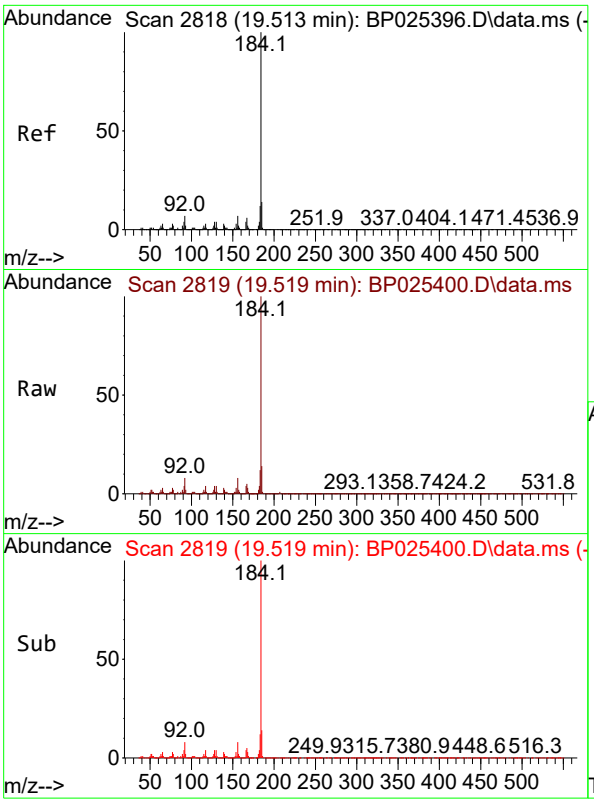


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3182
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

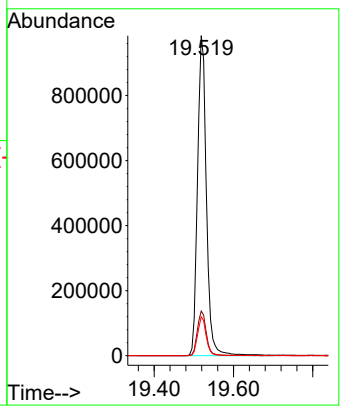




#77
Benzidine
Concen: 42.271 ng
RT: 19.519 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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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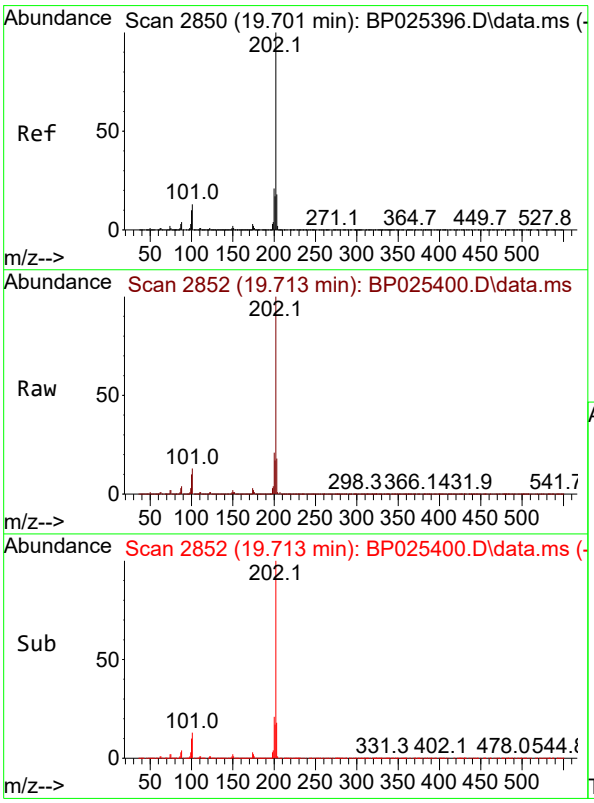
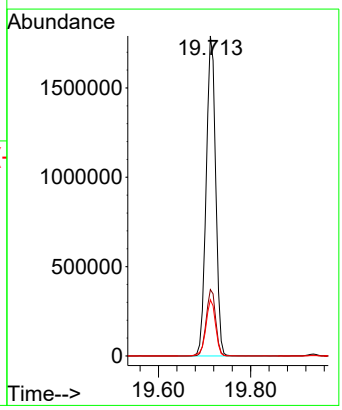
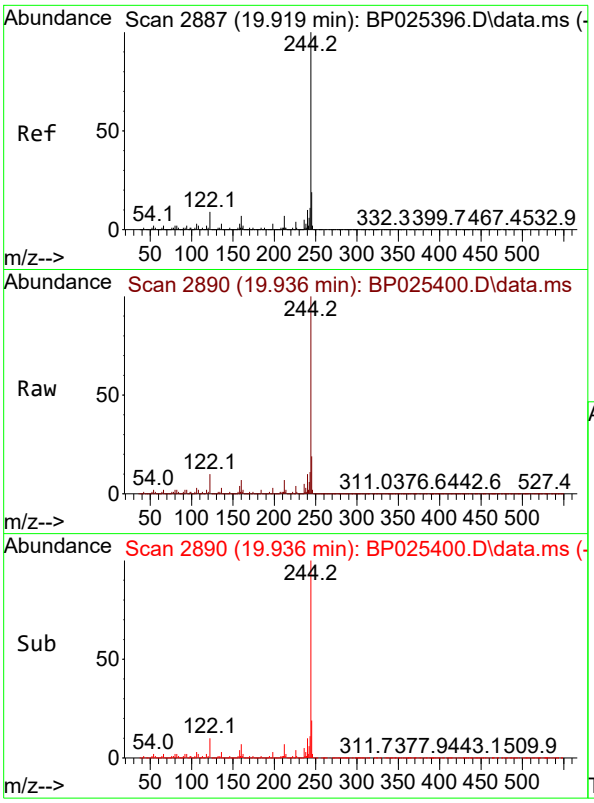


#78
Pyrene
Concen: 37.404 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

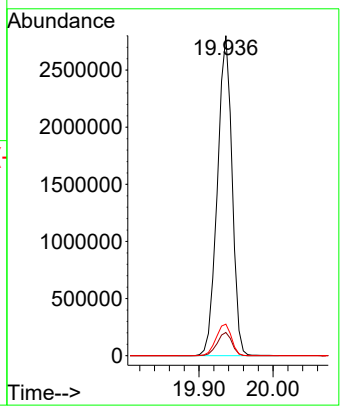




#79
Terphenyl-d14
Concen: 66.399 ng
RT: 19.936 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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 :
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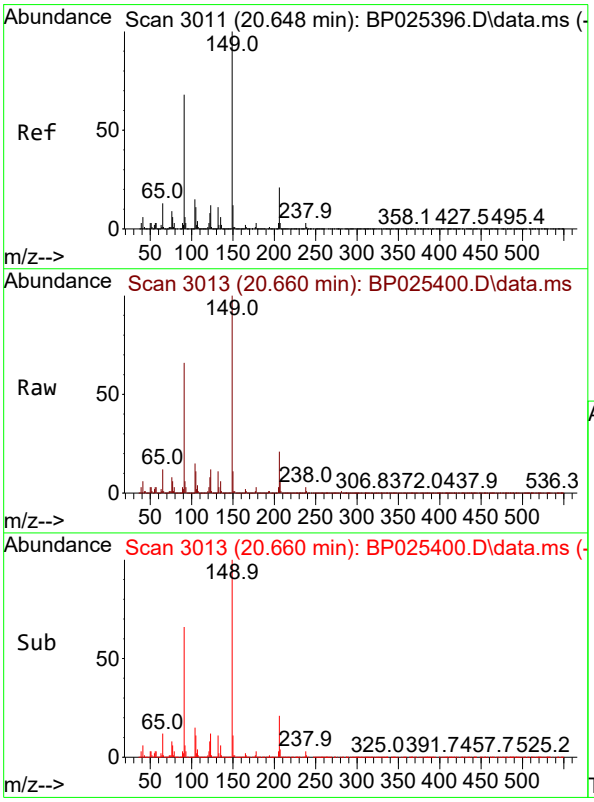
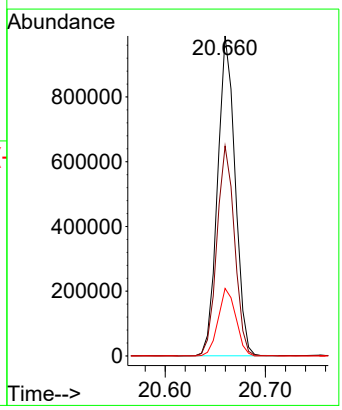
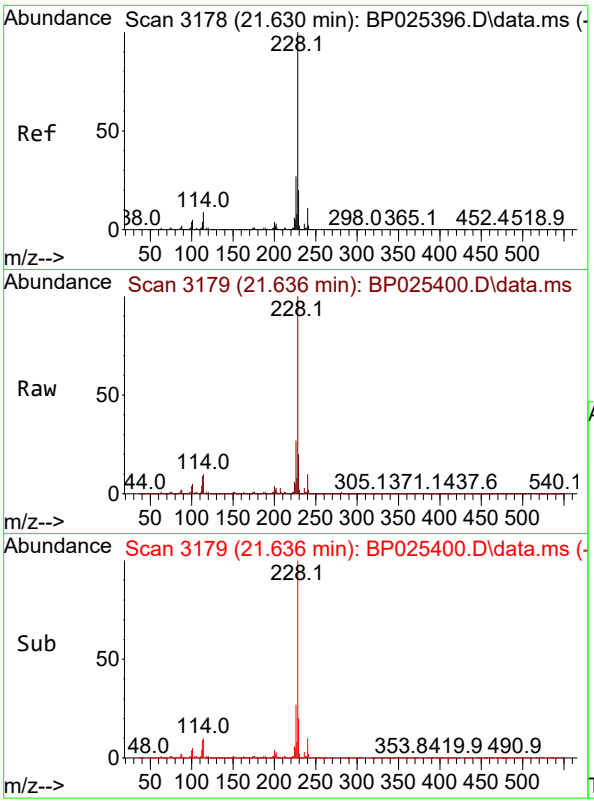


#80
Butylbenzylphthalate
Concen: 38.401 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

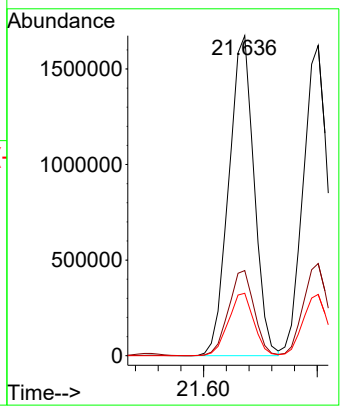




#81
Benzo(a)anthracene
Concen: 36.950 ng
RT: 21.636 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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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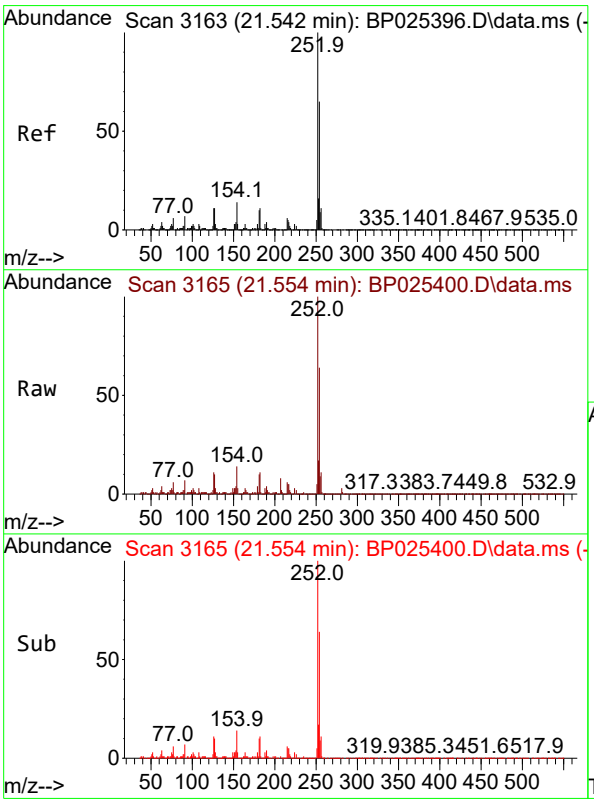
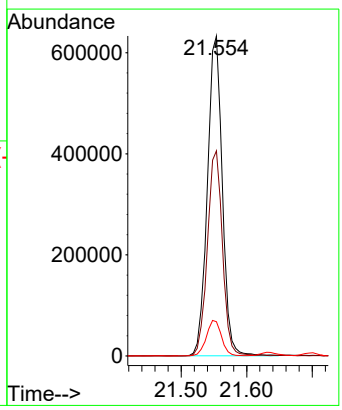
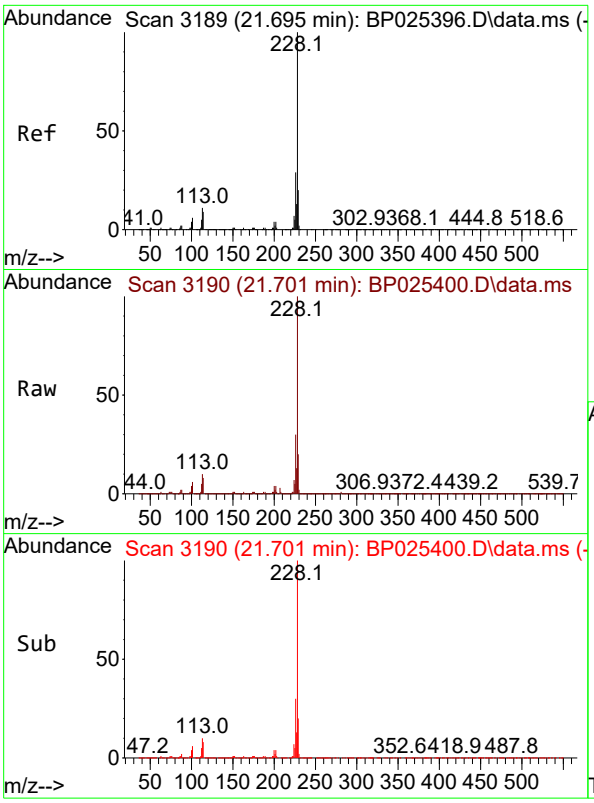


#82
3,3'-Dichlorobenzidine
Concen: 38.038 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

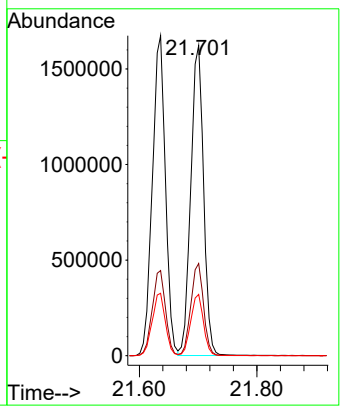




#83
Chrysene
Concen: 37.353 ng
RT: 21.701 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:228 Resp: 244619

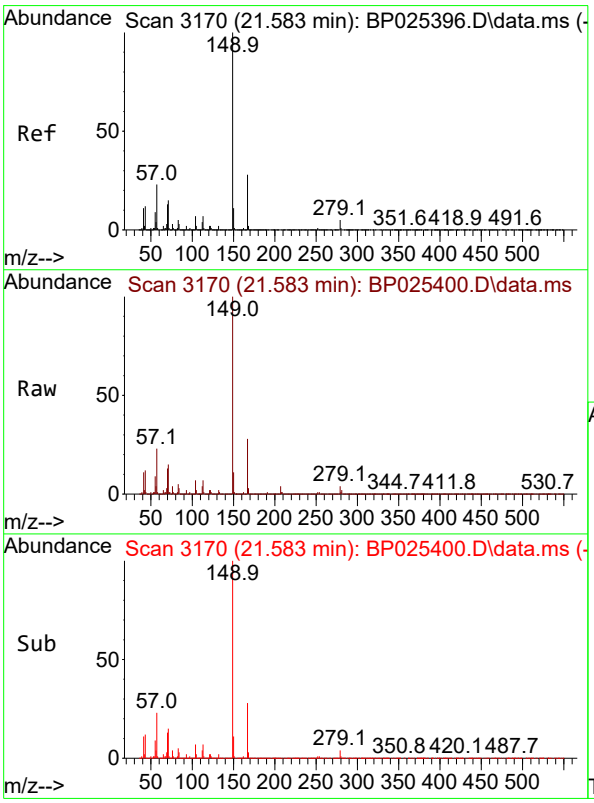
Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.2	34.8
229	19.7	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

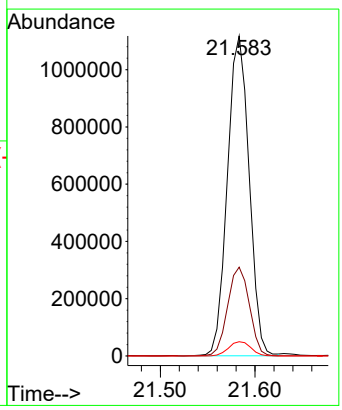
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

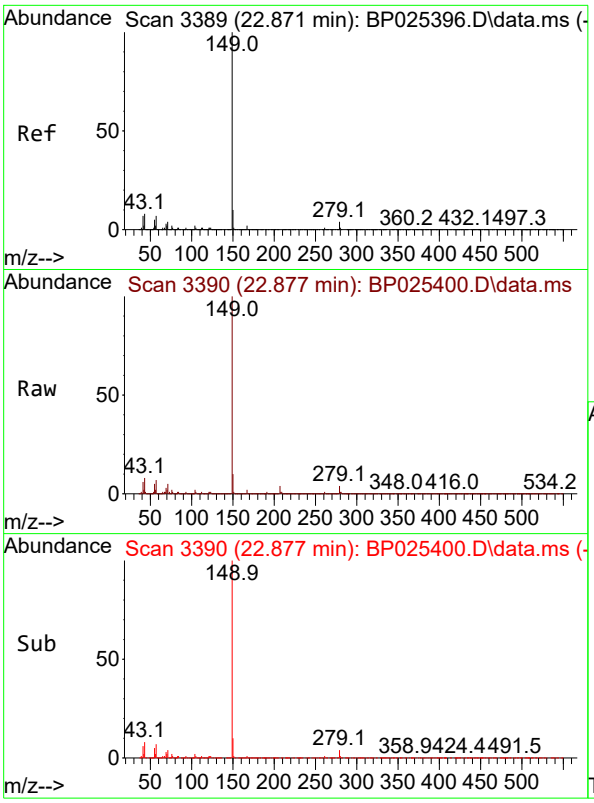


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.729 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:149 Resp: 1780746

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.1	33.1
279	4.5	3.8	5.6

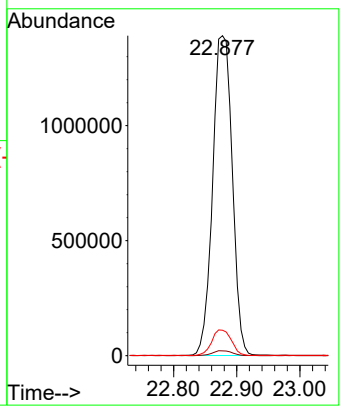




#85
Di-n-octyl phthalate
Concen: 37.915 ng
RT: 22.877 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:149 Resp: 299852

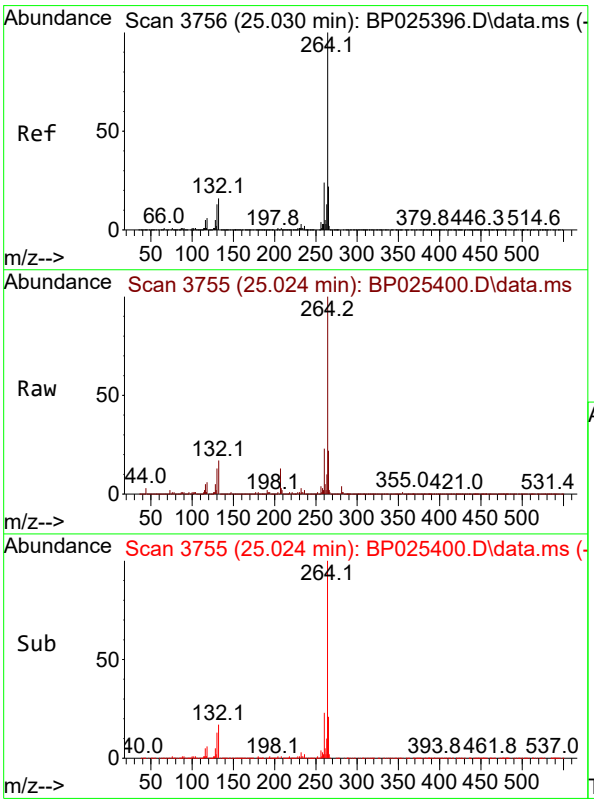
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.0	6.3	9.5



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

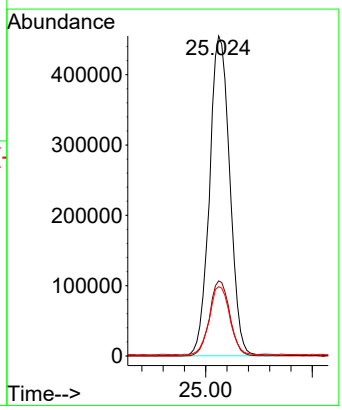
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

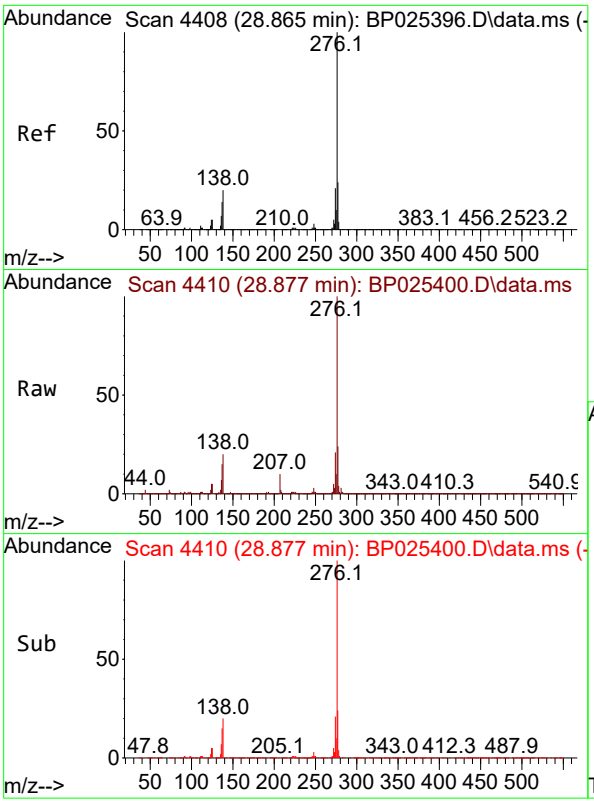


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.024 min Scan# 3755
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:264 Resp: 1200519

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.3	28.9
265	21.6	17.4	26.0

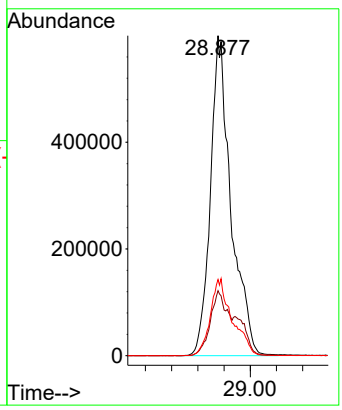




#87
Indeno(1,2,3-cd)pyrene
Concen: 37.119 ng
RT: 28.877 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:276 Resp: 326796

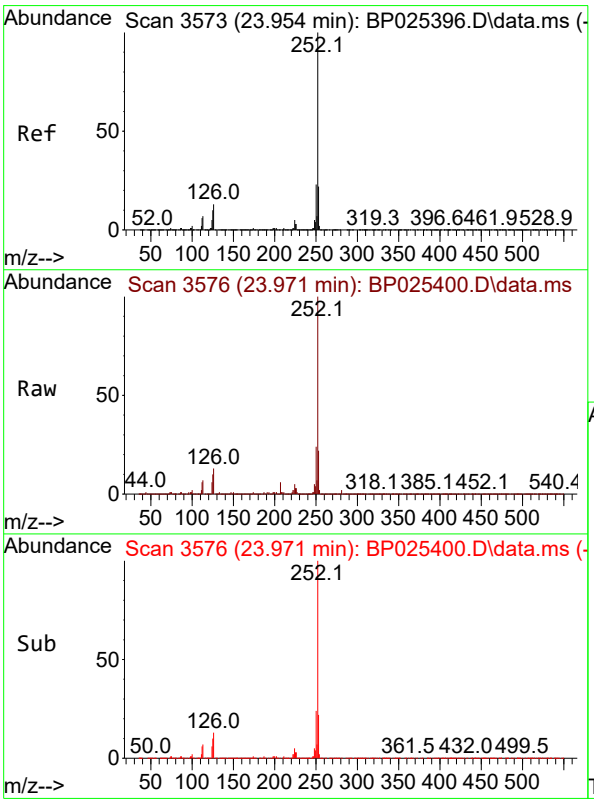
Ion	Ratio	Lower	Upper
276	100		
138	17.0	12.9	19.3
277	25.5	17.0	25.6



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

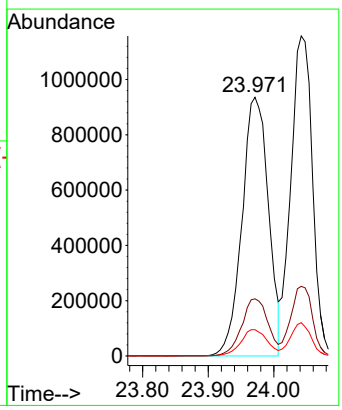
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

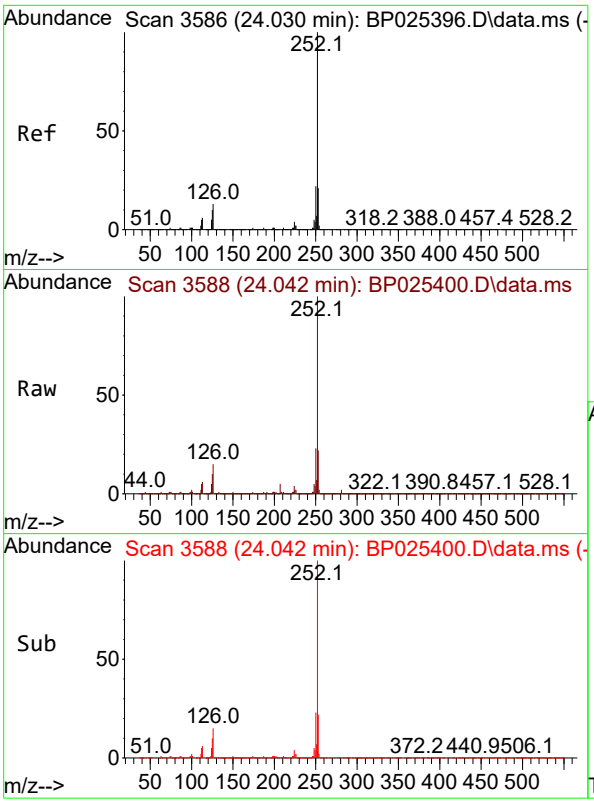


#88
Benzo(b)fluoranthene
Concen: 36.964 ng
RT: 23.971 min Scan# 3576
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:252 Resp: 2616701

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.2	7.9	11.9

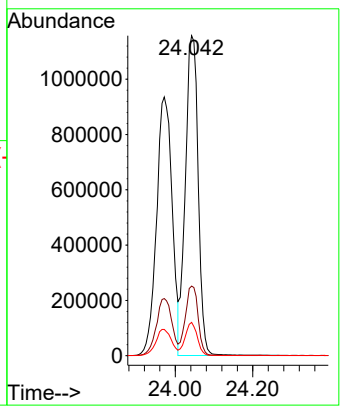




#89
Benzo(k)fluoranthene
Concen: 37.464 ng
RT: 24.042 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:252 Resp: 265390

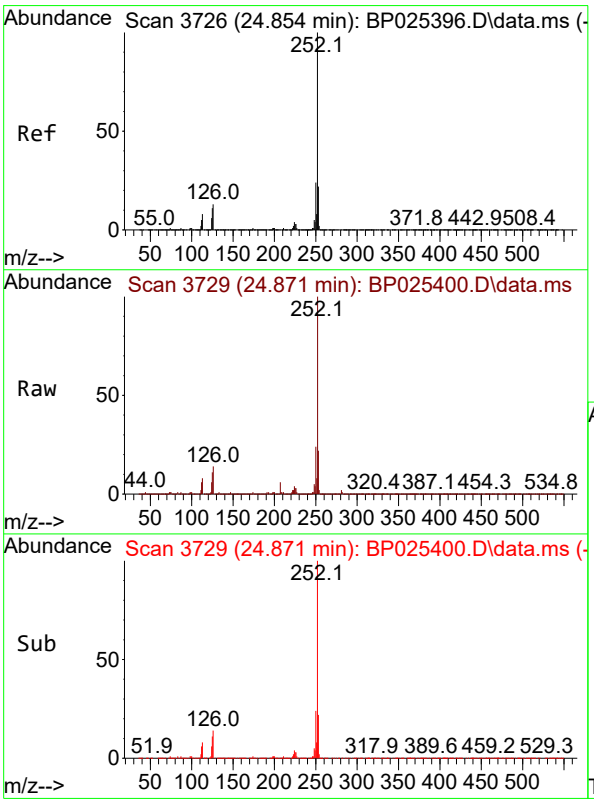
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	10.4	7.8	11.6



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

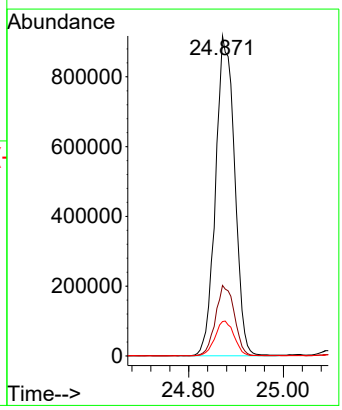
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

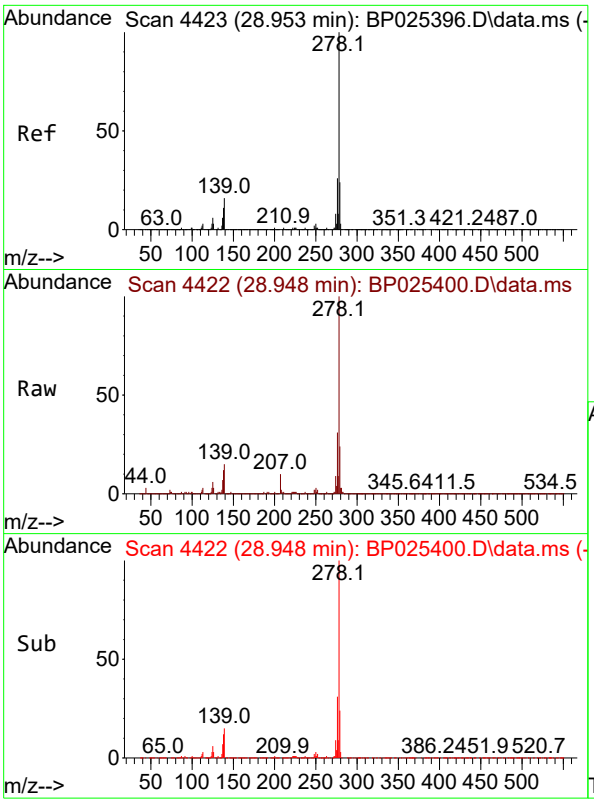


#90
Benzo(a)pyrene
Concen: 37.160 ng
RT: 24.871 min Scan# 3729
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:252 Resp: 2560692

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.7	8.7	13.1

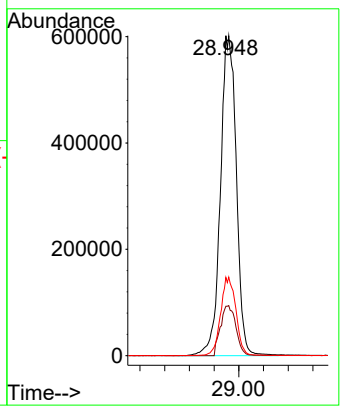




#91
Dibenzo(a,h)anthracene
Concen: 37.490 ng
RT: 28.948 min Scan# 44
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:278 Resp: 269733(

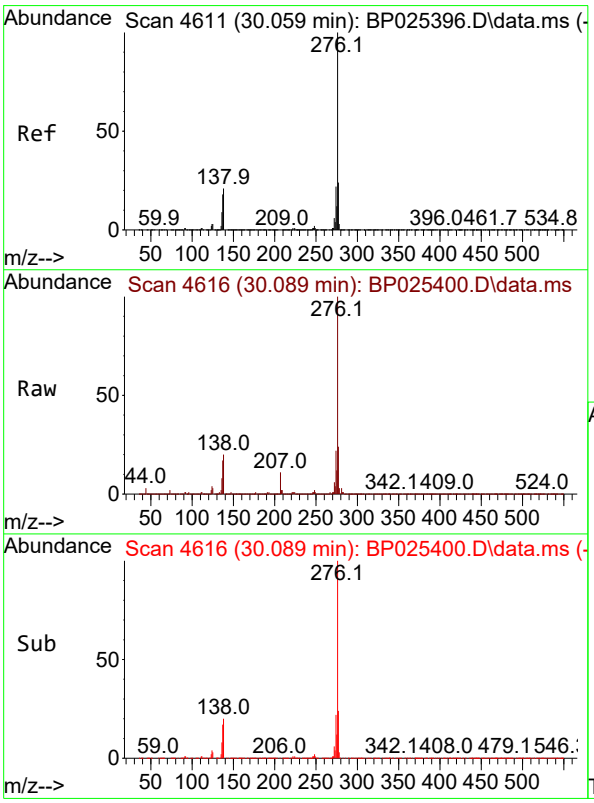
Ion	Ratio	Lower	Upper
278	100		
139	15.4	13.0	19.4
279	24.4	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

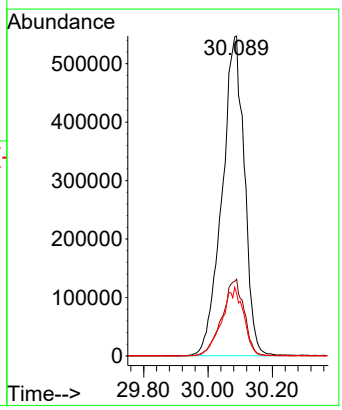
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#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

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)
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: **BF143563.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: AECO02

Lab Code: ACE SDG No.: Q2924

Instrument ID: BNA_F Calibration Date/Time: 08/22/2025 10:29

Lab File ID: BF143563.D Init. Calib. Date(s): 08/20/2025 08/20/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:55 14:20

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.145	1.105		-3.5	
Benzaldehyde	1.145	0.999		-12.8	
Phenol-d6	1.414	1.366		-3.4	
Phenol	1.629	1.599		-1.8	20.0
bis(2-Chloroethyl)ether	1.217	1.157		-4.9	
2-Chlorophenol	1.265	1.220		-3.6	
2-Methylphenol	1.015	0.981		-3.3	
2,2-oxybis(1-Chloropropane)	1.947	1.762		-9.5	
Acetophenone	0.432	0.414		-4.2	
3+4-Methylphenols	1.212	1.227		1.2	
n-Nitroso-di-n-propylamine	0.864	0.857	0.050	-0.8	
Nitrobenzene-d5	0.343	0.333		-2.9	
Hexachloroethane	0.485	0.478		-1.4	
Nitrobenzene	0.353	0.349		-1.1	
Isophorone	0.628	0.612		-2.5	
2-Nitrophenol	0.173	0.169		-2.3	20.0
2,4-Dimethylphenol	0.269	0.253		-5.9	
bis(2-Chloroethoxy)methane	0.386	0.363		-6.0	
2,4-Dichlorophenol	0.288	0.278		-3.5	20.0
Naphthalene	0.960	0.899		-6.4	
4-Chloroaniline	0.341	0.325		-4.7	
Hexachlorobutadiene	0.193	0.186		-3.6	20.0
Caprolactam	0.069	0.078		13.0	
4-Chloro-3-methylphenol	0.288	0.292		1.4	20.0
2-Methylnaphthalene	0.641	0.610		-4.8	
Hexachlorocyclopentadiene	0.184	0.193	0.050	4.9	
2,4,6-Trichlorophenol	0.352	0.336		-4.5	20.0
2-Fluorobiphenyl	1.210	1.143		-5.5	
2,4,5-Trichlorophenol	0.385	0.355		-7.8	
1,1-Biphenyl	1.420	1.319		-7.1	
2-Chloronaphthalene	1.114	1.033		-7.3	
2-Nitroaniline	0.326	0.330		1.2	
Dimethylphthalate	1.205	1.196		-0.7	
Acenaphthylene	1.595	1.486		-6.8	
2,6-Dinitrotoluene	0.250	0.249		-0.4	
3-Nitroaniline	0.270	0.267		-1.1	
Acenaphthene	1.083	1.038		-4.2	20.0
2,4-Dinitrophenol	0.115	0.130	0.050	13.0	
4-Nitrophenol	0.161	0.193	0.050	19.9	

Raw Data: **BF143563.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	AECO02
Lab Code:	ACE	SDG No.:	Q2924
Instrument ID:	BNA_F	Calibration Date/Time:	08/22/2025 10:29
Lab File ID:	BF143563.D	Init. Calib. Date(s):	08/20/2025 08/20/2025
EPA Sample No.:	SSTDCCC040	Init. Calib. Time(s):	10:55 14:20

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.544	1.440		-6.7	
2,4-Dinitrotoluene	0.333	0.338		1.5	
Diethylphthalate	1.080	1.129		4.5	
4-Chlorophenyl-phenylether	0.594	0.562		-5.4	
Fluorene	1.188	1.122		-5.6	
4-Nitroaniline	0.248	0.264		6.5	
4,6-Dinitro-2-methylphenol	0.113	0.102		-9.7	
n-Nitrosodiphenylamine	0.644	0.599		-7.0	20.0
2,4,6-Tribromophenol	0.186	0.178		-4.3	
4-Bromophenyl-phenylether	0.239	0.222		-7.1	
Hexachlorobenzene	0.257	0.239		-7.0	
Atrazine	0.166	0.199		19.9	
Pentachlorophenol	0.118	0.108		-8.5	20.0
Phenanthrene	1.071	0.996		-7.0	
Anthracene	1.085	1.022		-5.8	
Carbazole	0.889	0.865		-2.7	
Di-n-butylphthalate	0.829	0.965		16.4	
Fluoranthene	0.961	0.923		-4.0	20.0
Pyrene	1.645	1.624		-1.3	
Terphenyl-d14	1.146	1.162		1.4	
Butylbenzylphthalate	0.449	0.488		8.7	
3,3-Dichlorobenzidine	0.369	0.335		-9.2	
Benzo(a)anthracene	1.288	1.184		-8.1	
Chrysene	1.157	1.118		-3.4	
Bis(2-ethylhexyl)phthalate	0.685	0.617		-9.9	
Di-n-octyl phthalate	1.268	1.115		-12.1	20.0
Benzo(b)fluoranthene	1.112	1.078		-3.1	
Benzo(k)fluoranthene	1.064	1.024		-3.8	
Benzo(a)pyrene	1.032	1.000		-3.1	20.0
Indeno(1,2,3-cd)pyrene	1.437	1.391		-3.2	
Dibenzo(a,h)anthracene	1.151	1.121		-2.6	
Benzo(g,h,i)perylene	1.145	1.103		-3.7	
1,2,4,5-Tetrachlorobenzene	0.572	0.527		-7.9	
1,4-Dioxane	0.531	0.503		-5.3	20.0
2,3,4,6-Tetrachlorophenol	0.286	0.274		-4.2	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143563.D
Acq On : 22 Aug 2025 10:29
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 22 11:28:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	94271	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	366222	20.000	ng		0.00
39) Acenaphthene-d10	9.963	164	205977	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	328132	20.000	ng		0.00
76) Chrysene-d12	14.098	240	185804	20.000	ng		0.00
86) Perylene-d12	15.598	264	191413	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	416847	77.212	ng		0.00
7) Phenol-d6	6.563	99	514976	77.272	ng		-0.01
23) Nitrobenzene-d5	7.487	82	488145	77.782	ng		-0.01
42) 2,4,6-Tribromophenol	10.757	330	147027	76.683	ng		0.00
45) 2-Fluorobiphenyl	9.281	172	941401	75.534	ng		0.00
79) Terphenyl-d14	13.033	244	863432	81.092	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.757	88	94915	37.951	ng		98
3) Pyridine	3.534	79	253206	38.012	ng		97
4) n-Nitrosodimethylamine	3.475	42	120370	40.197	ng		92
6) Aniline	6.587	93	344363	38.657	ng	#	80
8) 2-Chlorophenol	6.716	128	230051	38.580	ng		100
9) Benzaldehyde	6.475	77	188266	34.892	ng		95
10) Phenol	6.575	94	301394	39.257	ng		95
11) bis(2-Chloroethyl)ether	6.657	93	218065	38.008	ng		99
12) 1,3-Dichlorobenzene	6.869	146	255019	38.063	ng		98
13) 1,4-Dichlorobenzene	6.945	146	255674	38.042	ng		98
14) 1,2-Dichlorobenzene	7.098	146	244056	38.355	ng		99
15) Benzyl Alcohol	7.069	79	206675	41.421	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.192	45	332146	36.186	ng		80
17) 2-Methylphenol	7.181	107	184901	38.635	ng		98
18) Hexachloroethane	7.439	117	90143	39.449	ng		99
19) n-Nitroso-di-n-propyla...	7.334	70	161587	39.668	ng		97
20) 3+4-Methylphenols	7.334	107	231248	40.476	ng		96
22) Acetophenone	7.334	105	303462	38.355	ng		99
24) Nitrobenzene	7.510	77	255721	39.590	ng		99
25) Isophorone	7.745	82	448381	38.976	ng		99
26) 2-Nitrophenol	7.822	139	123968	39.181	ng		92
27) 2,4-Dimethylphenol	7.863	122	185671	37.645	ng		96
28) bis(2-Chloroethoxy)met...	7.951	93	266138	37.644	ng		99
29) 2,4-Dichlorophenol	8.069	162	203653	38.661	ng		98
30) 1,2,4-Trichlorobenzene	8.151	180	204483	37.756	ng		100
31) Naphthalene	8.234	128	658826	37.471	ng		100
32) Benzoic acid	7.975	122	95923	35.831	ng		95
33) 4-Chloroaniline	8.275	127	238101	38.155	ng		97
34) Hexachlorobutadiene	8.351	225	136132	38.527	ng		99
35) Caprolactam	8.645	113	57464	45.461	ng		93
36) 4-Chloro-3-methylphenol	8.763	107	213663	40.475	ng		97
37) 2-Methylnaphthalene	8.922	142	447078	38.072	ng		100
38) 1-Methylnaphthalene	9.022	142	428730	38.168	ng		99
40) 1,2,4,5-Tetrachloroben...	9.092	216	217263	36.876	ng		99
41) Hexachlorocyclopentadiene	9.081	237	79483	38.369	ng		98
43) 2,4,6-Trichlorophenol	9.204	196	138377	38.169	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143563.D
Acq On : 22 Aug 2025 10:29
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 22 11:28:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

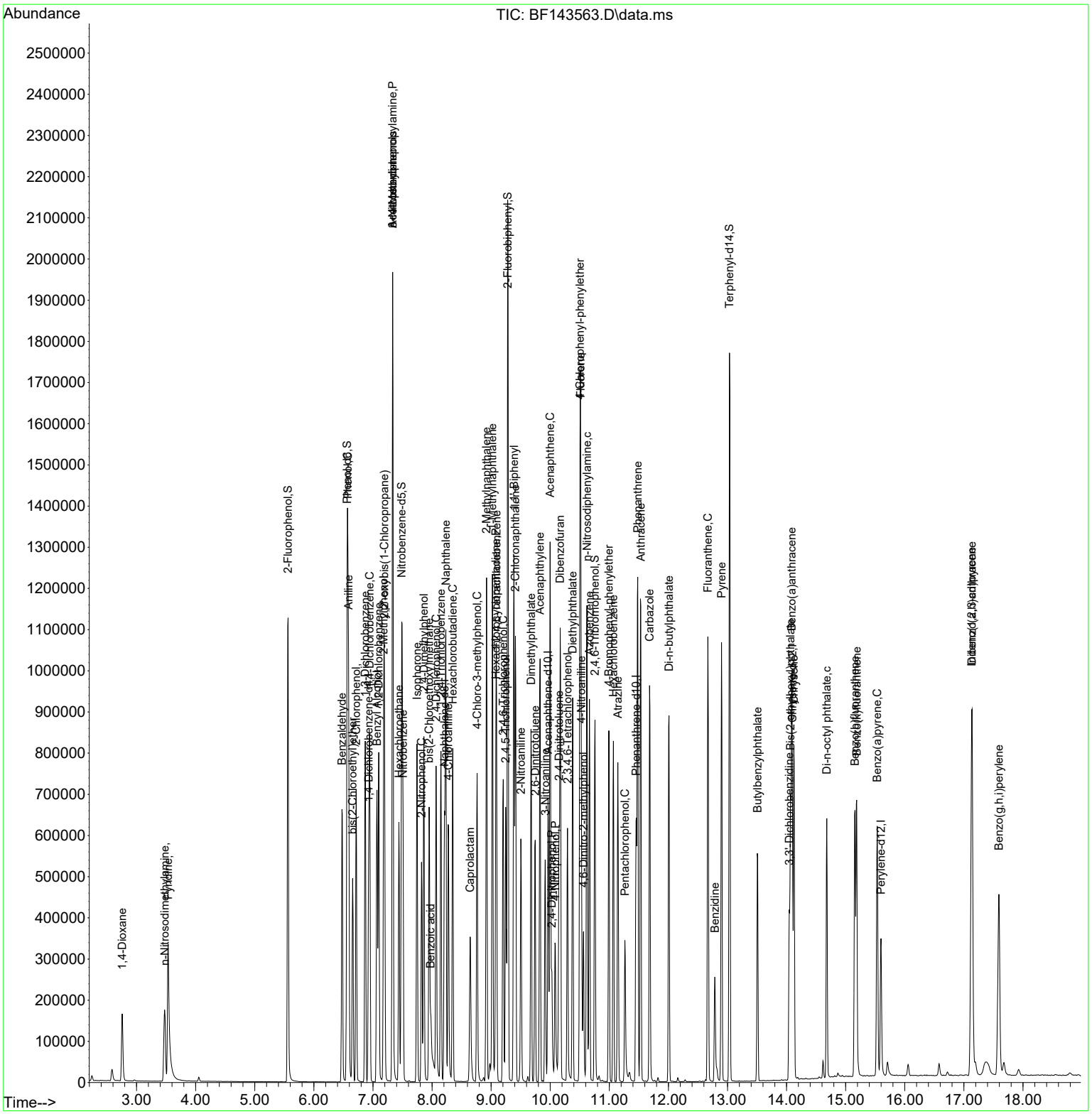
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	146223	36.925	ng	98
46) 1,1'-Biphenyl	9.386	154	543545	37.179	ng	99
47) 2-Chloronaphthalene	9.410	162	425481	37.092	ng	98
48) 2-Nitroaniline	9.504	65	135986	40.507	ng	98
49) Acenaphthylene	9.828	152	612267	37.277	ng	99
50) Dimethylphthalate	9.675	163	492649	39.712	ng	100
51) 2,6-Dinitrotoluene	9.745	165	102662	39.929	ng	98
52) Acenaphthene	9.998	154	427707	38.353	ng	100
53) 3-Nitroaniline	9.916	138	109859	39.543	ng	97
54) 2,4-Dinitrophenol	10.028	184	53467	41.606	ng	96
55) Dibenzofuran	10.169	168	593154	37.307	ng	96
56) 4-Nitrophenol	10.086	139	79634	48.174	ng	94
57) 2,4-Dinitrotoluene	10.151	165	139305	40.578	ng	96
58) Fluorene	10.516	166	462243	37.774	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.292	232	113060	38.429	ng	96
60) Diethylphthalate	10.380	149	465237	41.829	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	231588	37.842	ng	98
62) 4-Nitroaniline	10.528	138	108691	42.593	ng	92
63) Azobenzene	10.663	77	451563	39.156	ng	98
65) 4,6-Dinitro-2-methylph...	10.563	198	66697	36.050	ng	97
66) n-Nitrosodiphenylamine	10.622	169	393386	37.253	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	145663	37.205	ng	95
68) Hexachlorobenzene	11.069	284	156562	37.098	ng	99
69) Atrazine	11.145	200	130358	47.822	ng	96
70) Pentachlorophenol	11.263	266	70755	36.608	ng	98
71) Phenanthrene	11.480	178	653441	37.187	ng	100
72) Anthracene	11.533	178	670563	37.669	ng	99
73) Carbazole	11.680	167	567589	38.913	ng	99
74) Di-n-butylphthalate	12.010	149	633595	46.563	ng	99
75) Fluoranthene	12.669	202	605635	38.411	ng	99
77) Benzidine	12.786	184	159223	35.180	ng	100
78) Pyrene	12.898	202	603623	39.494	ng	100
80) Butylbenzylphthalate	13.510	149	181377	43.441	ng	99
81) Benzo(a)anthracene	14.086	228	439838	36.769	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	124374	36.306	ng	98
83) Chrysene	14.121	228	415462	38.647	ng	100
84) Bis(2-ethylhexyl)phtha...	14.068	149	229295	36.057	ng	100
85) Di-n-octyl phthalate	14.680	149	414295	35.168	ng	99
87) Indeno(1,2,3-cd)pyrene	17.133	276	532381	38.705	ng	99
88) Benzo(b)fluoranthene	15.157	252	412810	38.798	ng	99
89) Benzo(k)fluoranthene	15.186	252	392026	38.482	ng	99
90) Benzo(a)pyrene	15.533	252	382712	38.751	ng	99
91) Dibenzo(a,h)anthracene	17.139	278	429077	38.950	ng	99
92) Benzo(g,h,i)perylene	17.592	276	422396	38.561	ng	99

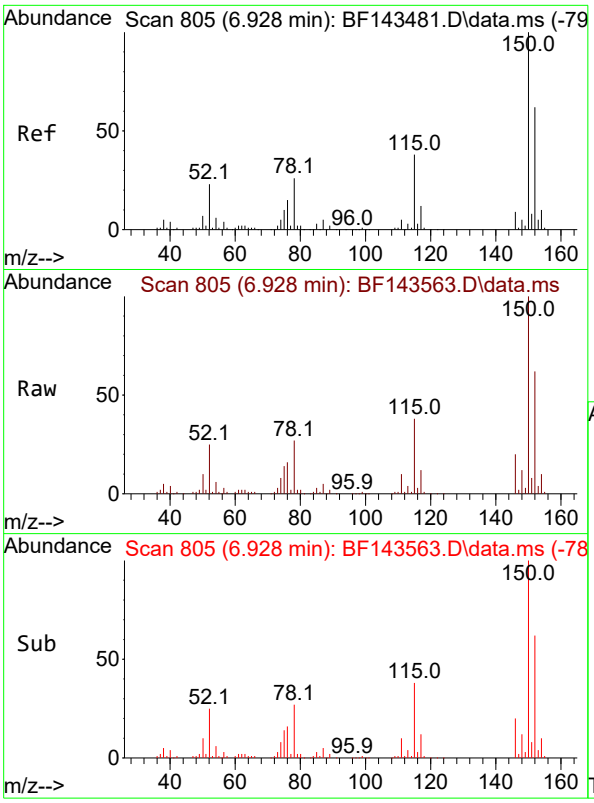
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143563.D
Acq On : 22 Aug 2025 10:29
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 22 11:28:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration



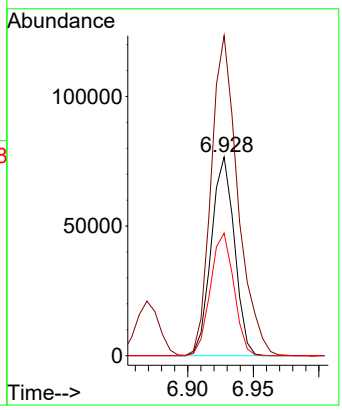


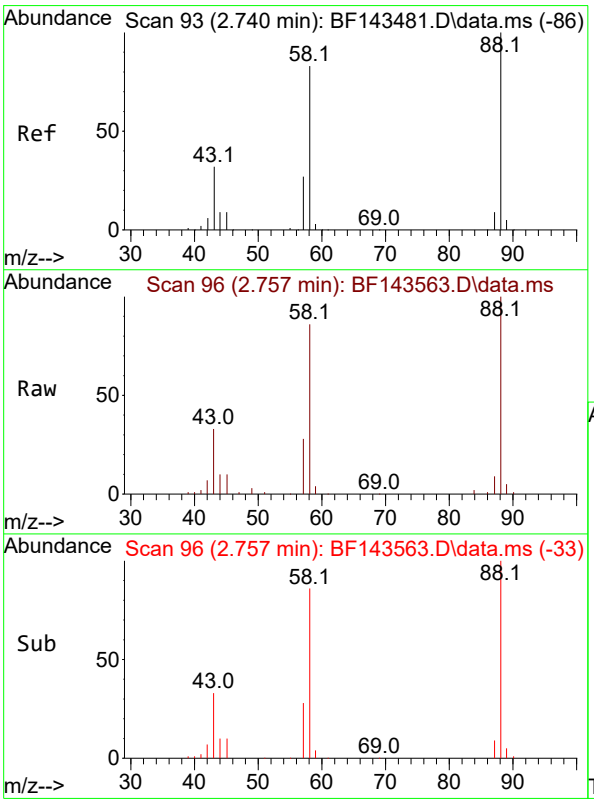
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 94271

Ion	Ratio	Lower	Upper
152	100		
150	161.1	128.9	193.3
115	61.7	49.2	73.8

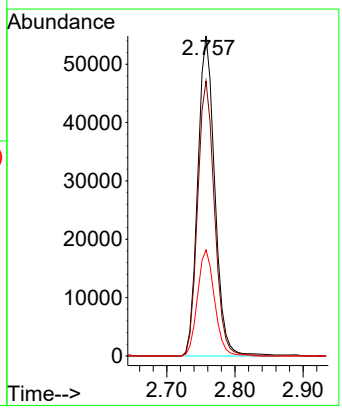


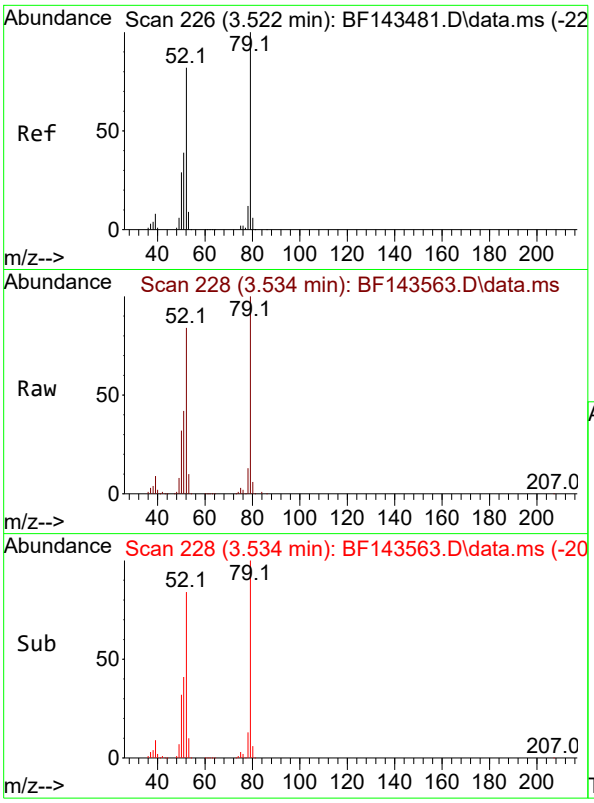


#2
1,4-Dioxane
Concen: 37.951 ng
RT: 2.757 min Scan# 96
Delta R.T. 0.023 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion: 88 Resp: 94915

Ion	Ratio	Lower	Upper
88	100		
58	84.9	66.7	100.1
43	33.3	25.8	38.8



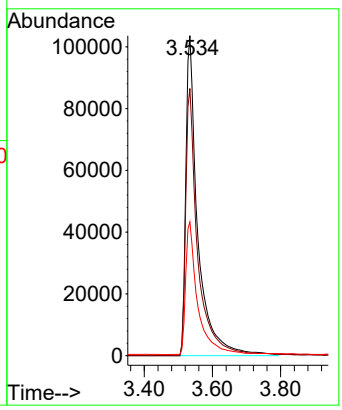


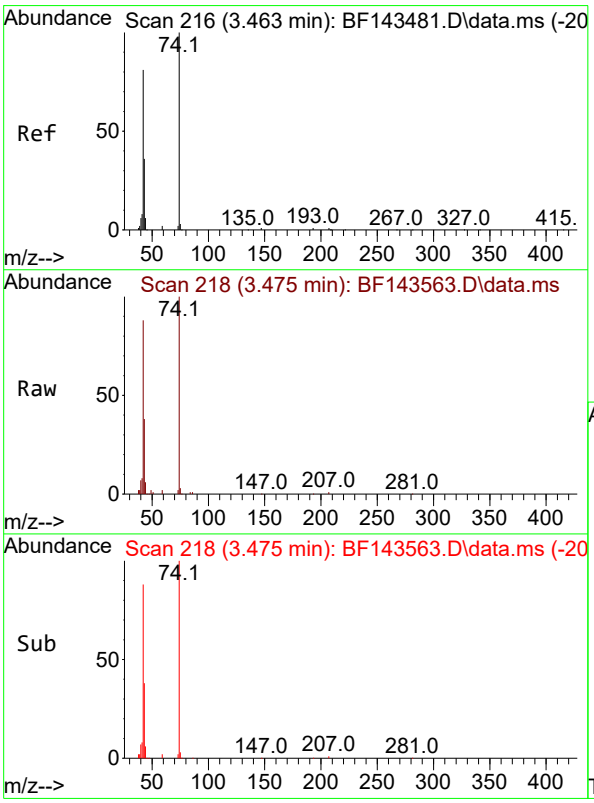
#3
Pyridine
Concen: 38.012 ng
RT: 3.534 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 253206

Ion	Ratio	Lower	Upper
79	100		
52	83.5	65.6	98.4
51	41.8	31.2	46.8

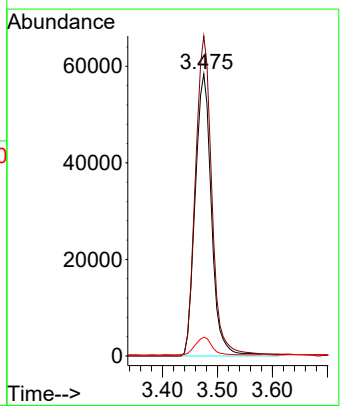


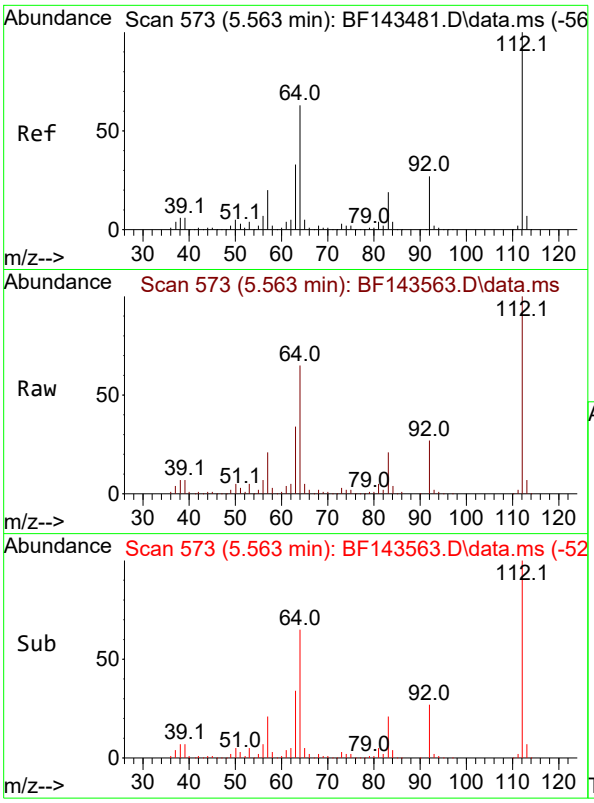


#4
n-Nitrosodimethylamine
Concen: 40.197 ng
RT: 3.475 min Scan# 218
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion: 42 Resp: 120370

Ion	Ratio	Lower	Upper
42	100		
74	113.4	98.6	148.0
44	6.7	5.8	8.8



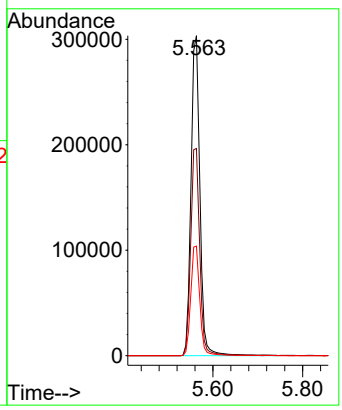


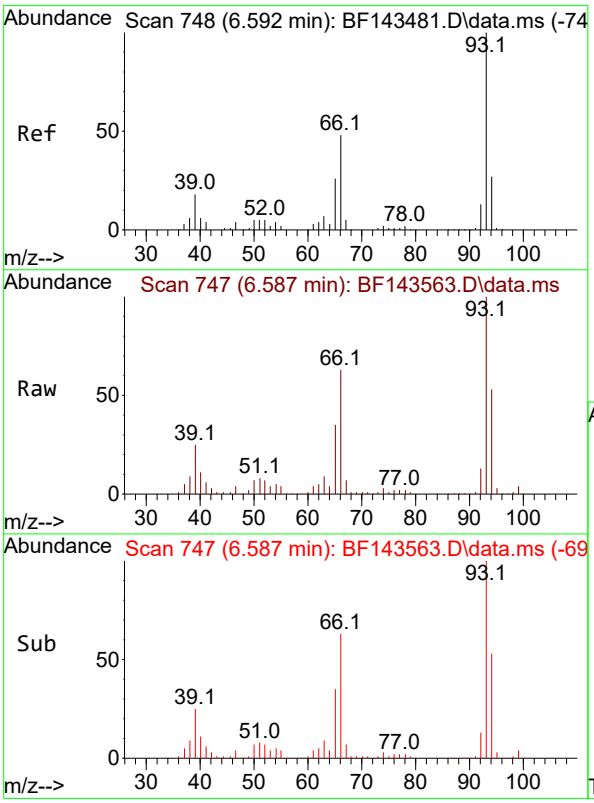
#5
2-Fluorophenol
Concen: 77.212 ng
RT: 5.563 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 416847

Ion	Ratio	Lower	Upper
112	100		
64	64.8	50.4	75.6
63	34.2	26.4	39.6

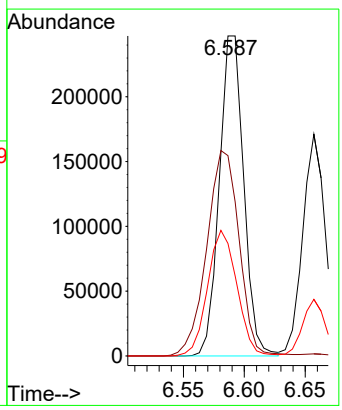


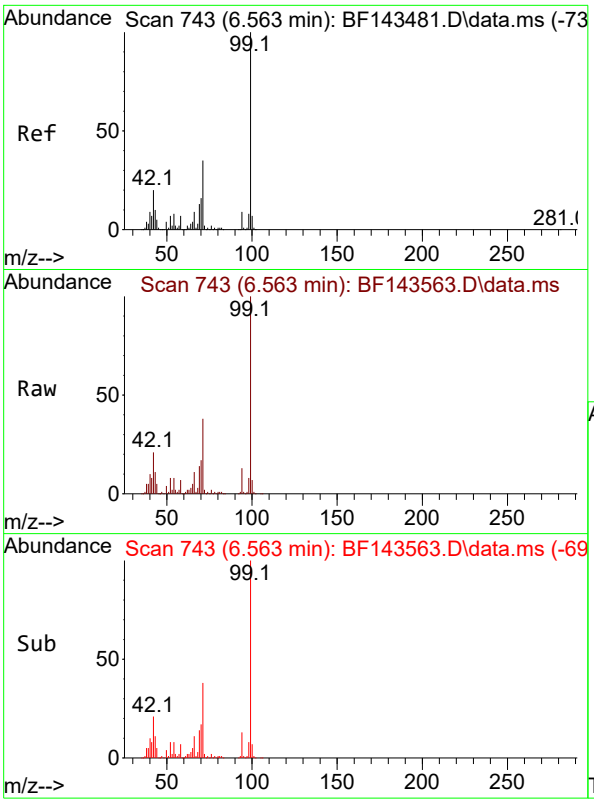


#6
Aniline
Concen: 38.657 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion: 93 Resp: 344363

Ion	Ratio	Lower	Upper
93	100		
66	62.6	38.9	58.3#
65	35.2	20.6	30.8#



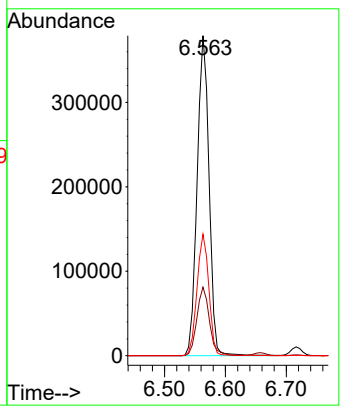


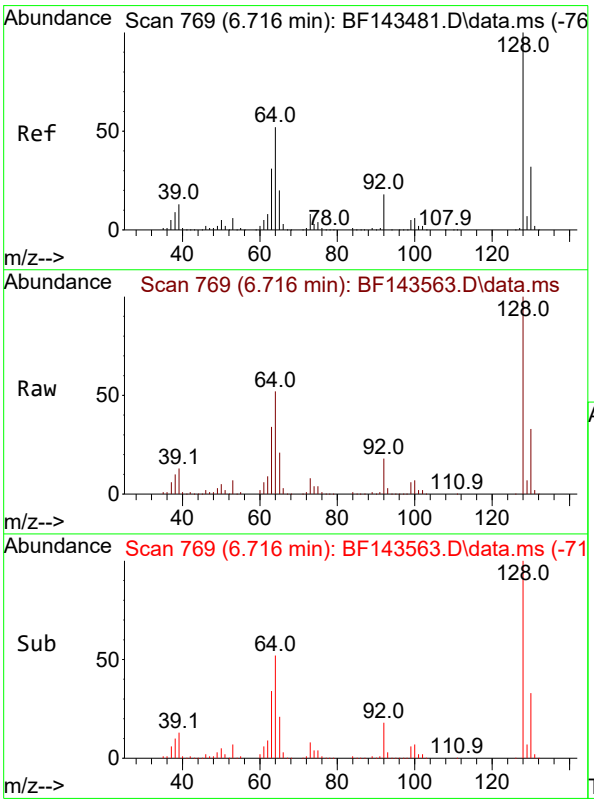
#7
Phenol-d6
Concen: 77.272 ng
RT: 6.563 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 514976

Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.3	24.5
71	38.0	28.2	42.2

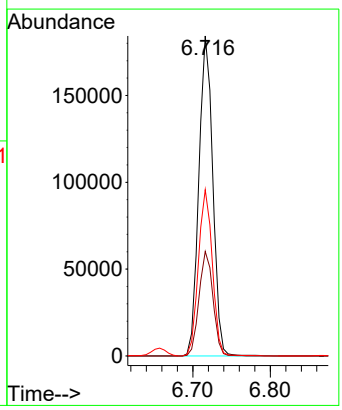


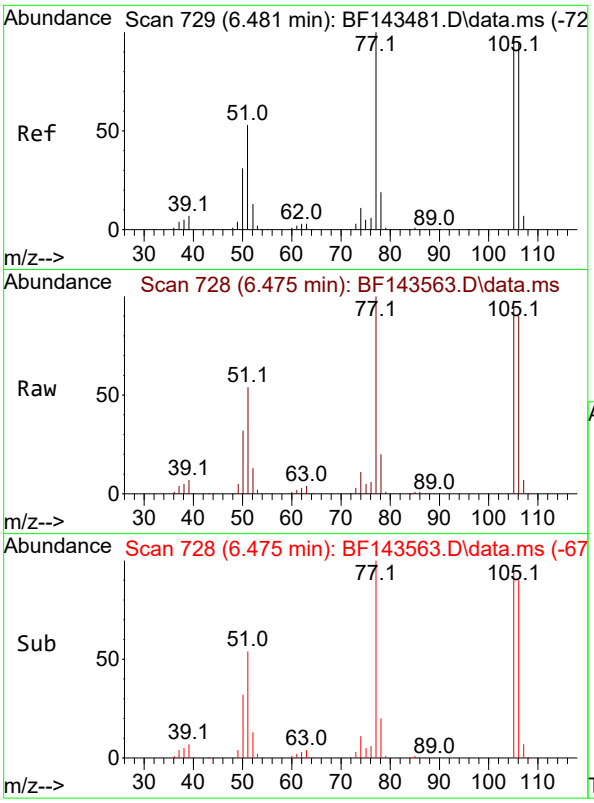


#8
2-Chlorophenol
Concen: 38.580 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:128 Resp: 230051

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.4	52.4
64	51.9	31.6	71.6



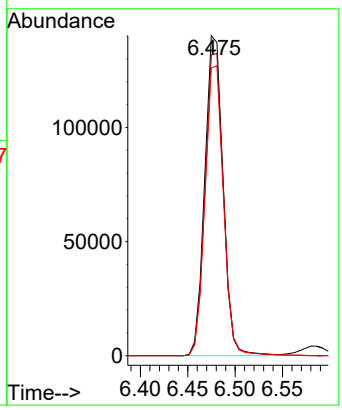


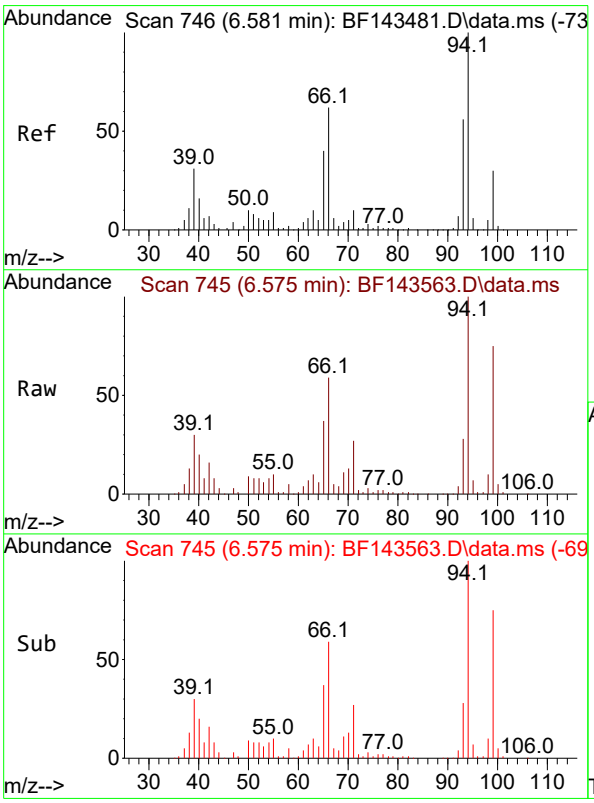
#9
Benzaldehyde
Concen: 34.892 ng
RT: 6.475 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 188266

Ion	Ratio	Lower	Upper
77	100		
105	93.9	78.1	118.1
106	89.9	74.9	114.9

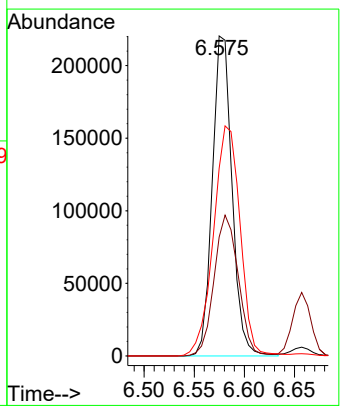


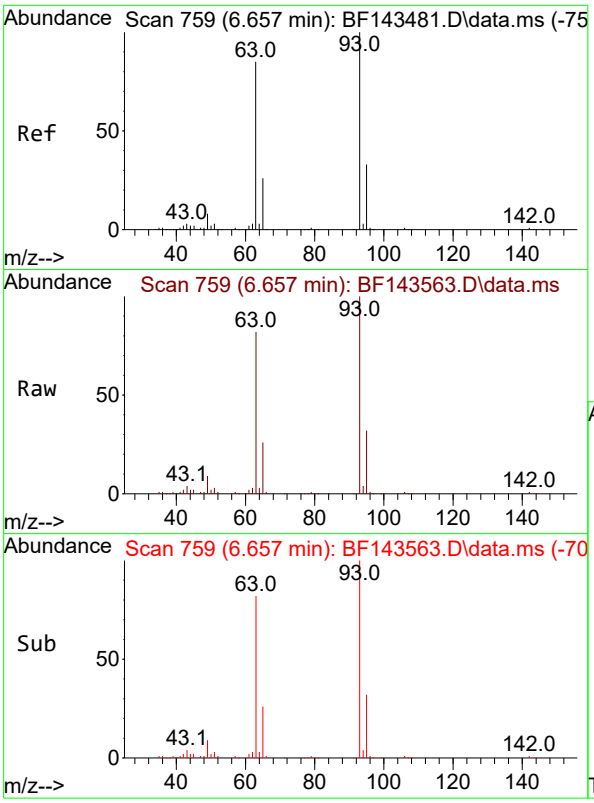


#10
Phenol
Concen: 39.257 ng
RT: 6.575 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion: 94 Resp: 301394

Ion	Ratio	Lower	Upper
94	100		
65	37.1	19.5	59.5
66	58.6	42.5	82.5



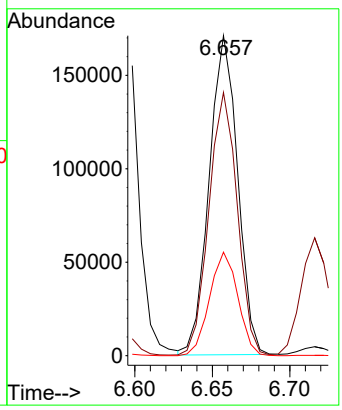


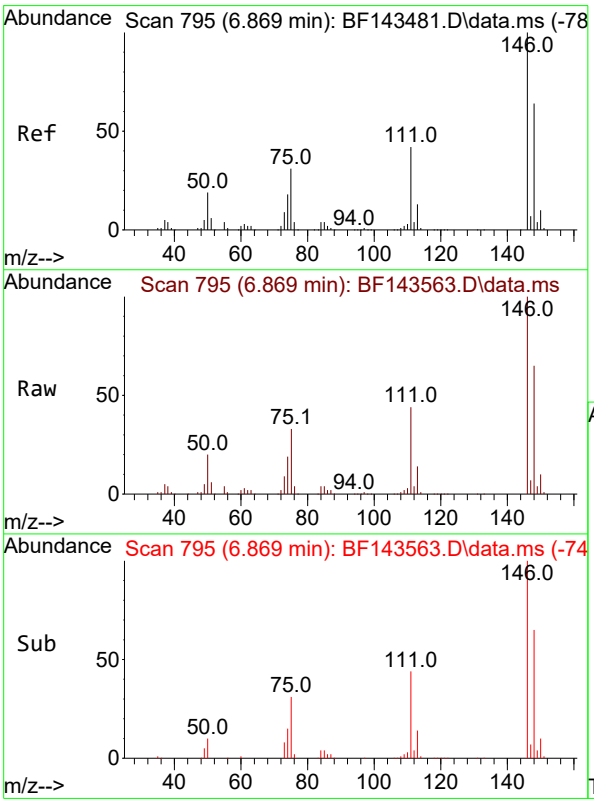
#11
bis(2-Chloroethyl)ether
Concen: 38.008 ng
RT: 6.657 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 218065

Ion	Ratio	Lower	Upper
93	100		
63	82.2	63.6	103.6
95	32.4	12.8	52.8

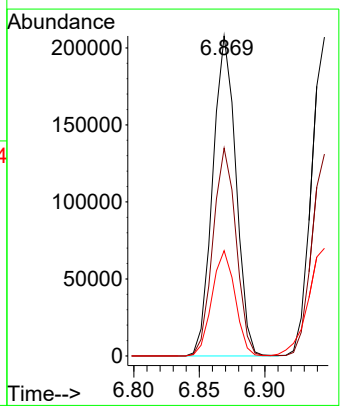


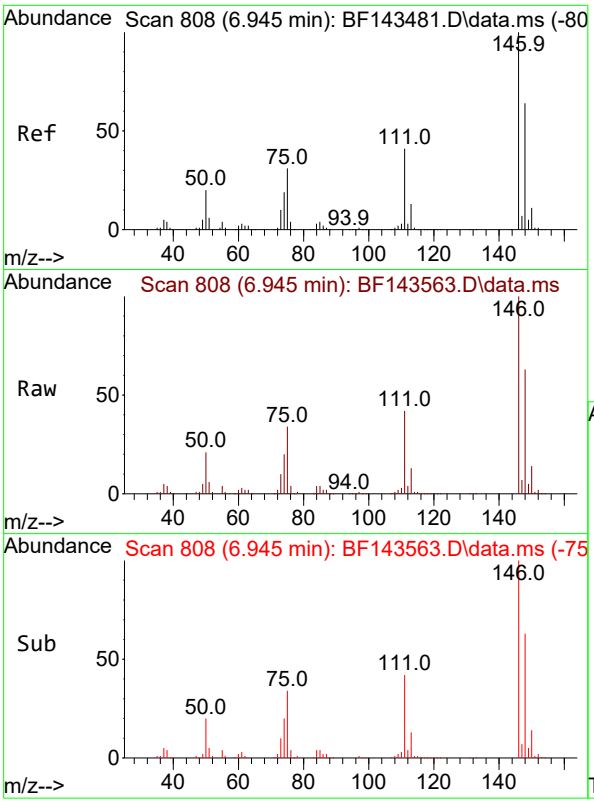


#12
1,3-Dichlorobenzene
Concen: 38.063 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:146 Resp: 255019

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.3	76.9
75	32.9	24.7	37.1



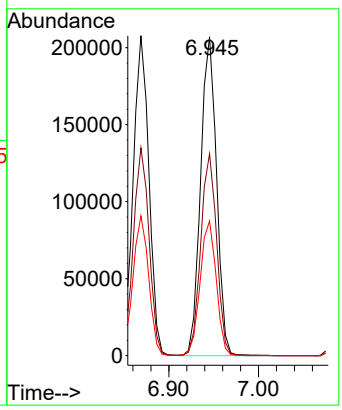


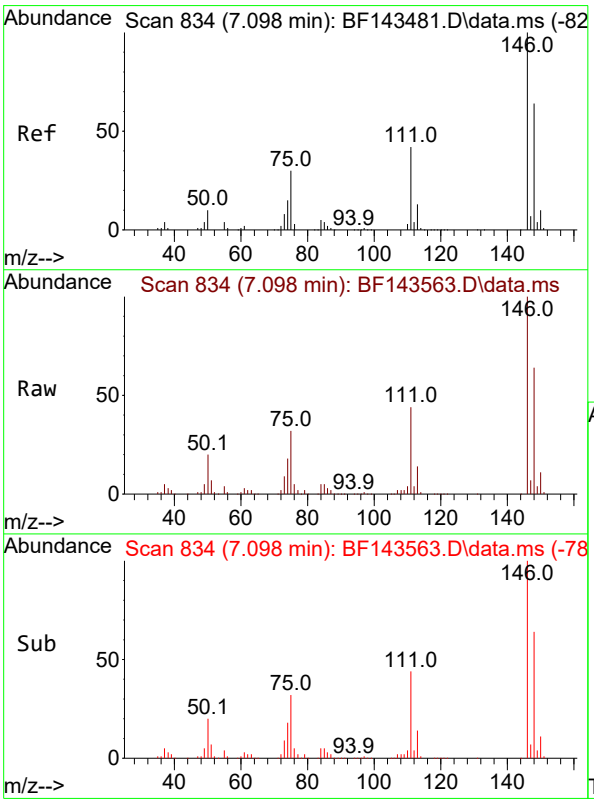
#13
1,4-Dichlorobenzene
Concen: 38.042 ng
RT: 6.945 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 255674

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.5	77.3
111	42.3	32.6	49.0

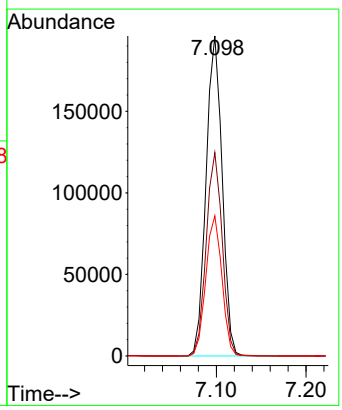


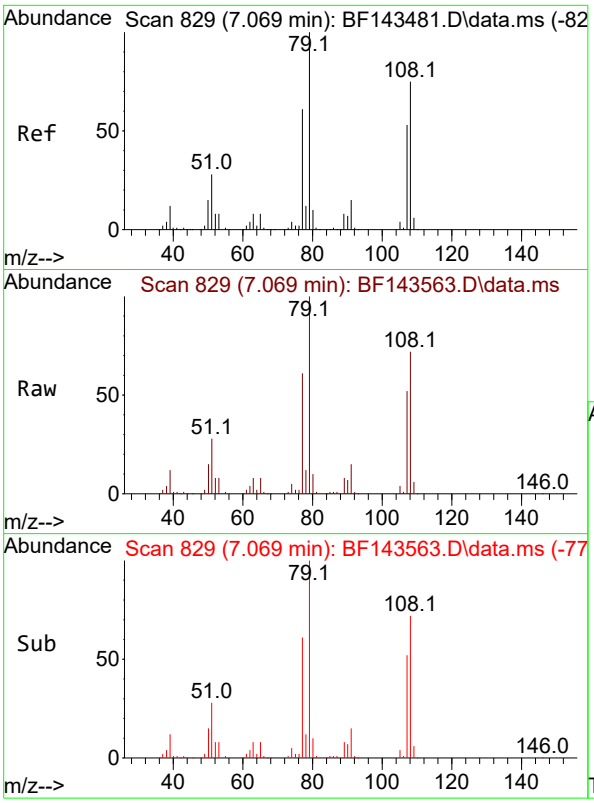


#14
1,2-Dichlorobenzene
Concen: 38.355 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:146 Resp: 244056

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.0	76.6
111	43.8	34.0	51.0



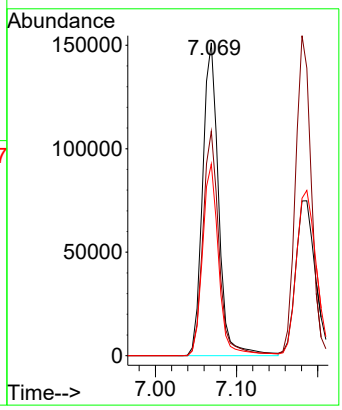


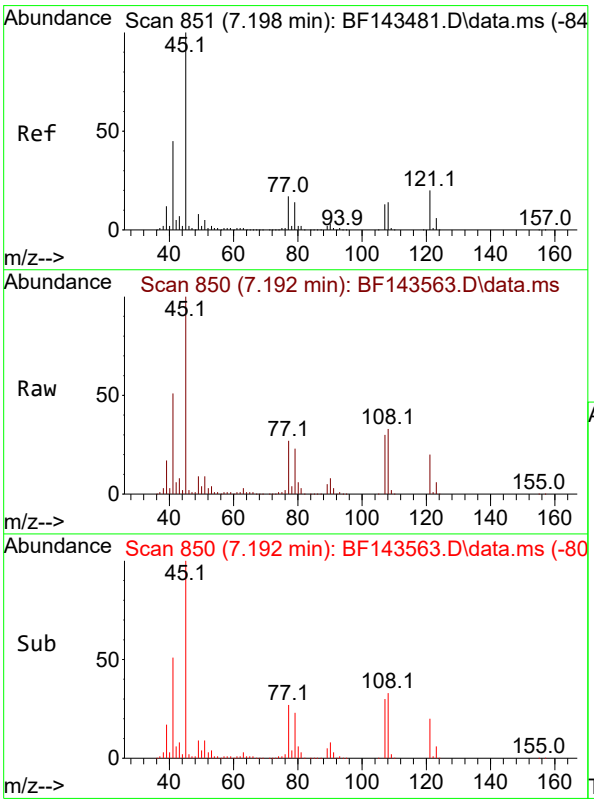
#15
Benzyl Alcohol
Concen: 41.421 ng
RT: 7.069 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 206675

Ion	Ratio	Lower	Upper
79	100		
108	71.8	59.8	89.6
77	61.3	49.0	73.4

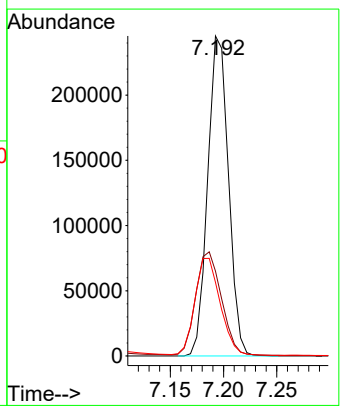


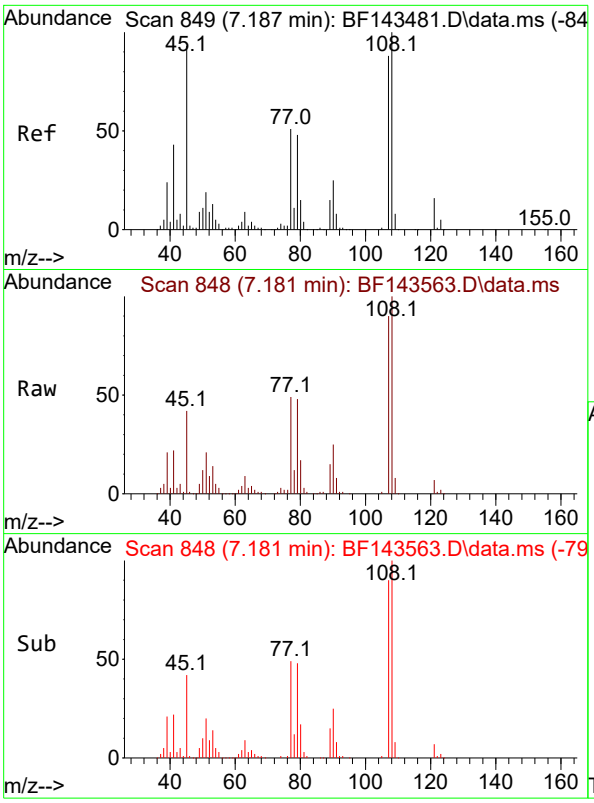


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.186 ng
RT: 7.192 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion: 45 Resp: 332146

Ion	Ratio	Lower	Upper
45	100		
77	26.5	0.0	37.9
79	23.0	0.0	34.7



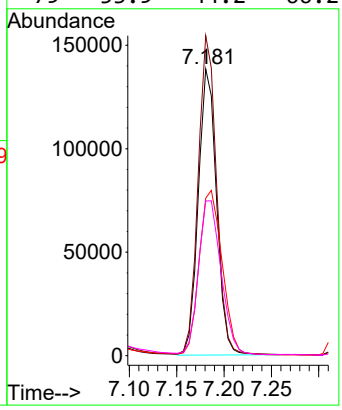


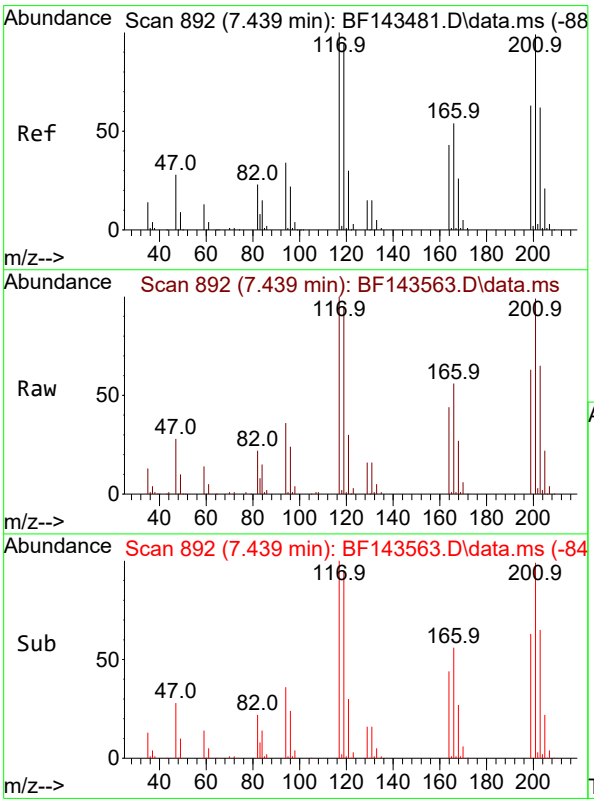
#17
2-Methylphenol
Concen: 38.635 ng
RT: 7.181 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 184901

Ion	Ratio	Lower	Upper
107	100		
108	111.6	91.1	136.7
77	54.9	46.2	69.4
79	53.9	44.2	66.2

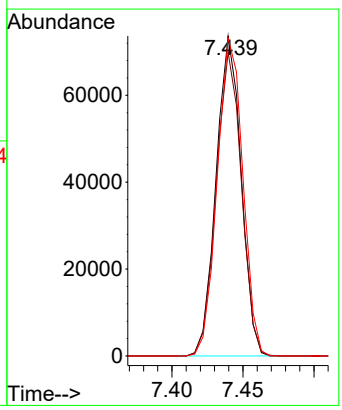


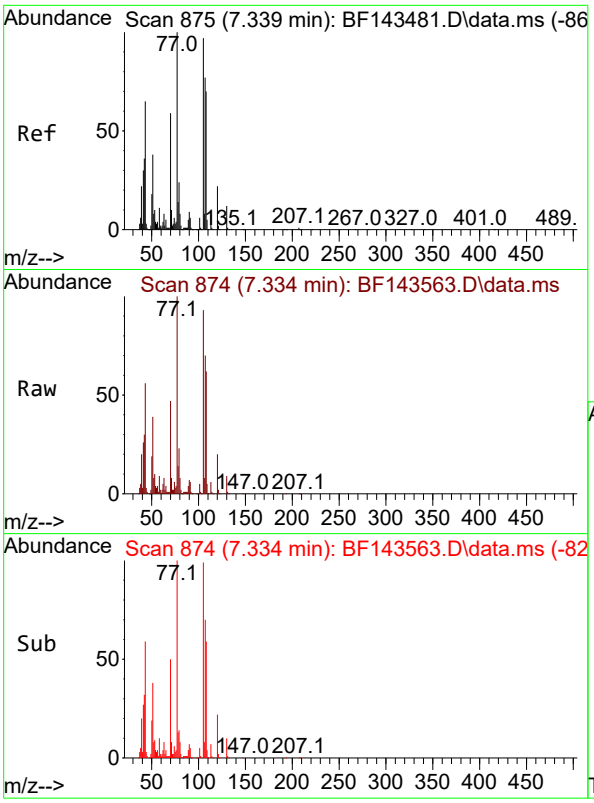


#18
Hexachloroethane
Concen: 39.449 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:117 Resp: 90143

Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.4	113.0
201	99.4	79.0	118.4



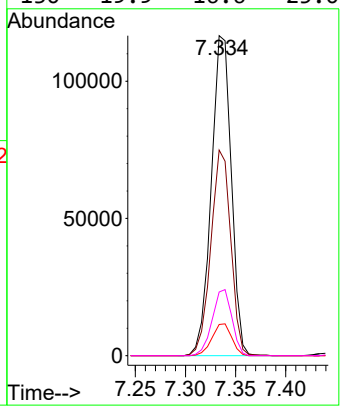


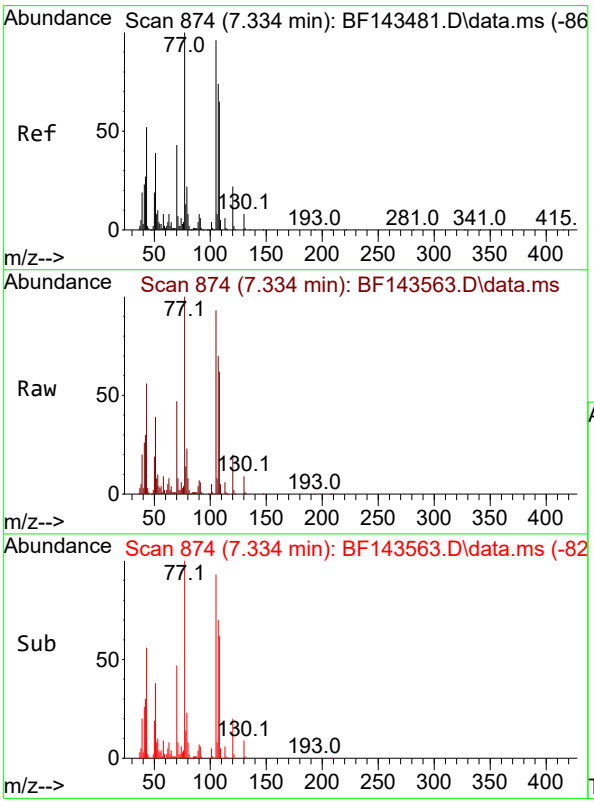
#19
n-Nitroso-di-n-propylamine
Concen: 39.668 ng
RT: 7.334 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 161587

Ion	Ratio	Lower	Upper
70	100		
42	64.2	49.3	73.9
101	9.8	7.8	11.8
130	19.9	16.6	25.0

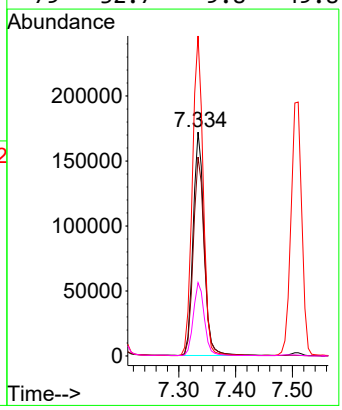


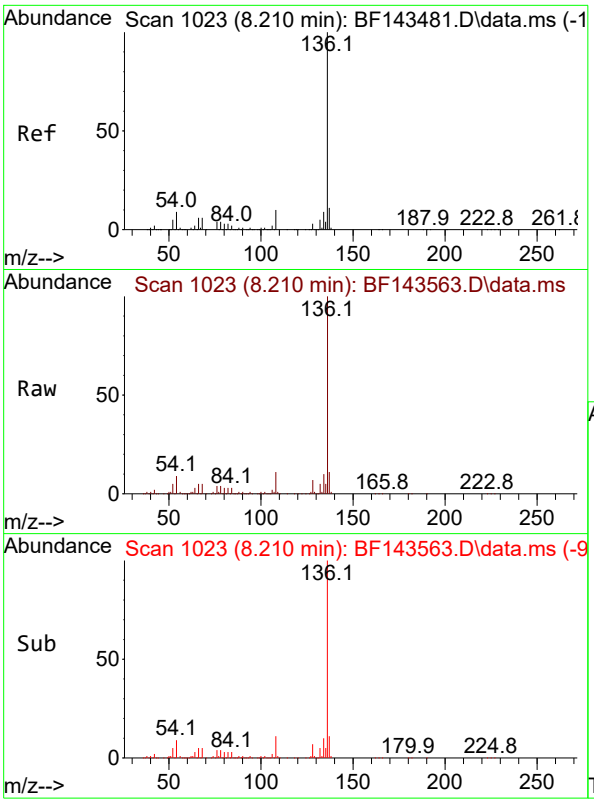


#20
3+4-Methylphenols
Concen: 40.476 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:107 Resp: 231248

Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.4	108.4
77	142.9	116.1	156.1
79	32.7	9.8	49.8



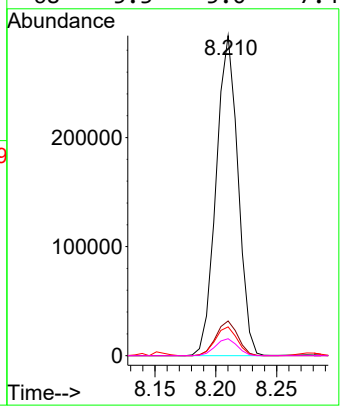


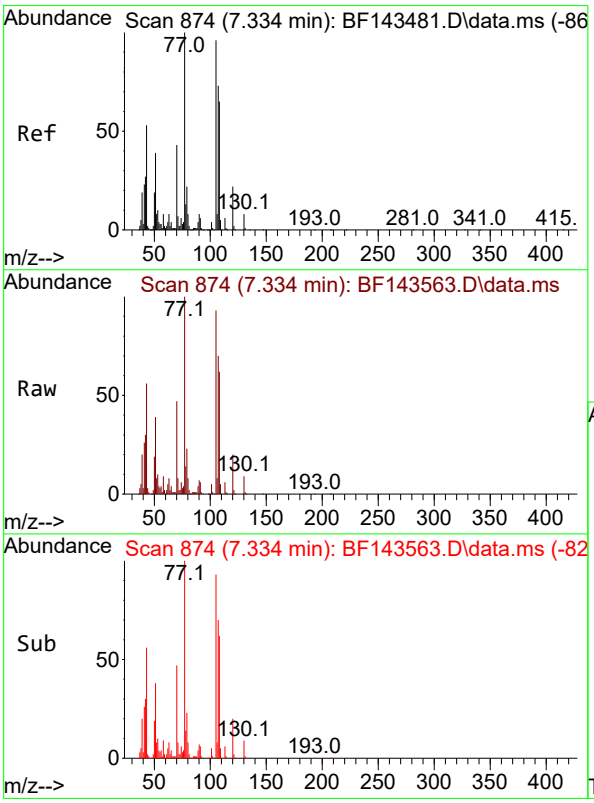
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 366222

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	9.0	7.4	11.2
68	5.3	5.0	7.4

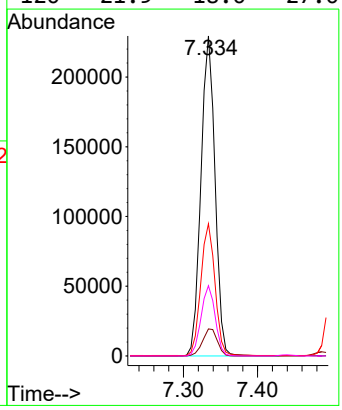


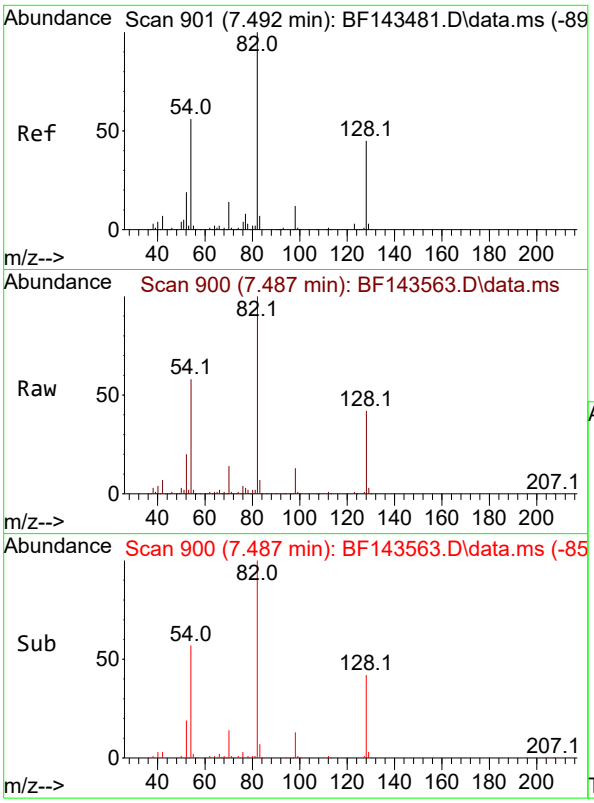


#22
Acetophenone
Concen: 38.355 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:105 Resp: 303462

Ion	Ratio	Lower	Upper
105	100		
71	8.5	5.9	8.9
51	41.3	32.5	48.7
120	21.9	18.0	27.0



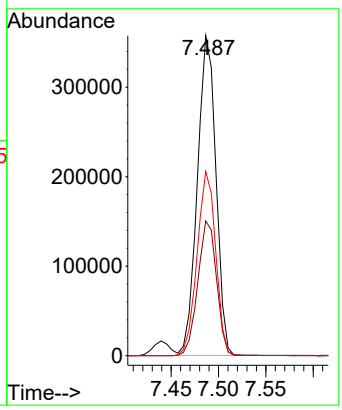


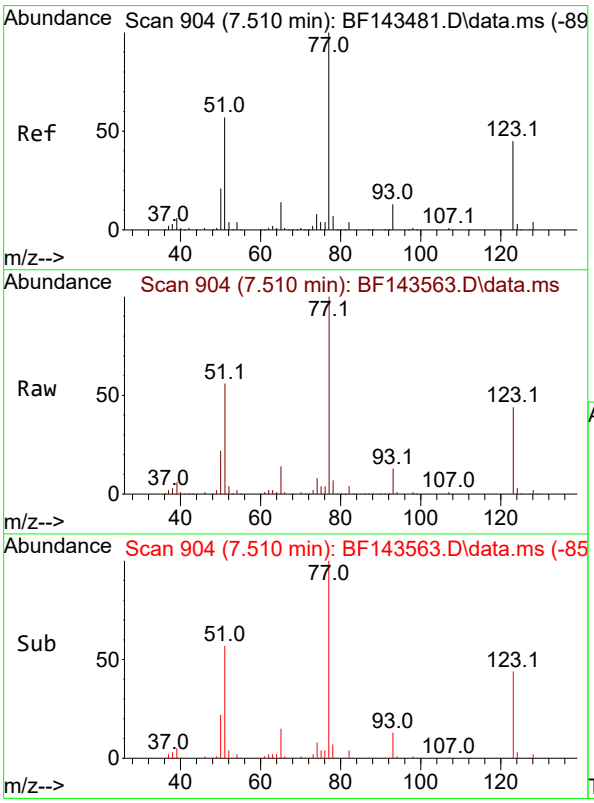
#23
Nitrobenzene-d5
Concen: 77.782 ng
RT: 7.487 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 488145

Ion	Ratio	Lower	Upper
82	100		
128	42.1	35.5	53.3
54	57.6	44.3	66.5

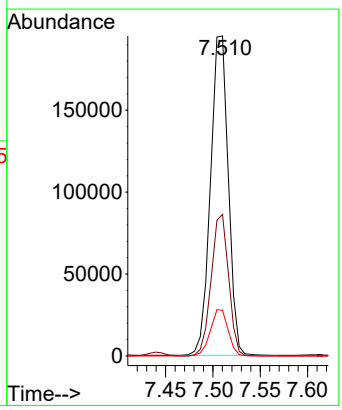


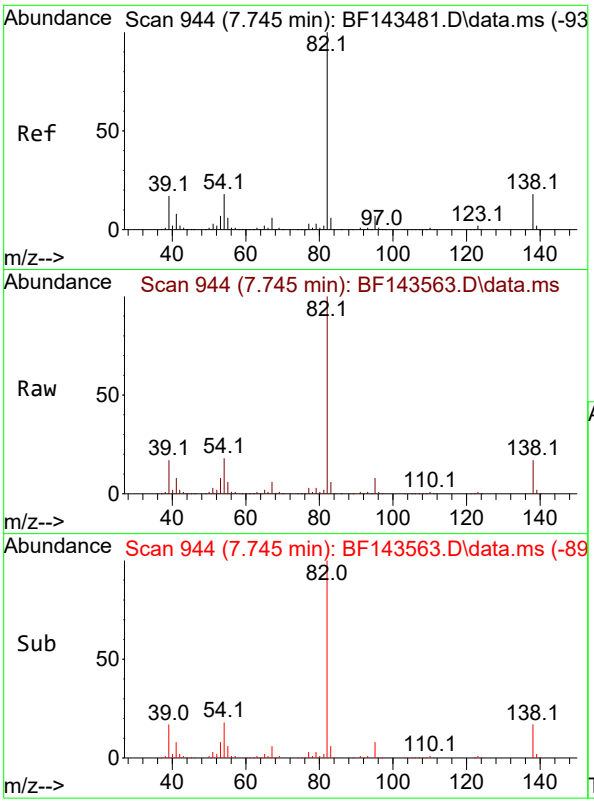


#24
Nitrobenzene
Concen: 39.590 ng
RT: 7.510 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion: 77 Resp: 255721

Ion	Ratio	Lower	Upper
77	100		
123	44.3	36.1	54.1
65	14.3	11.0	16.6



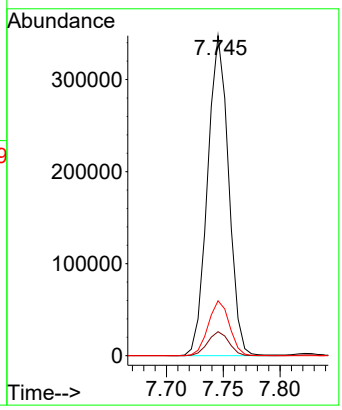


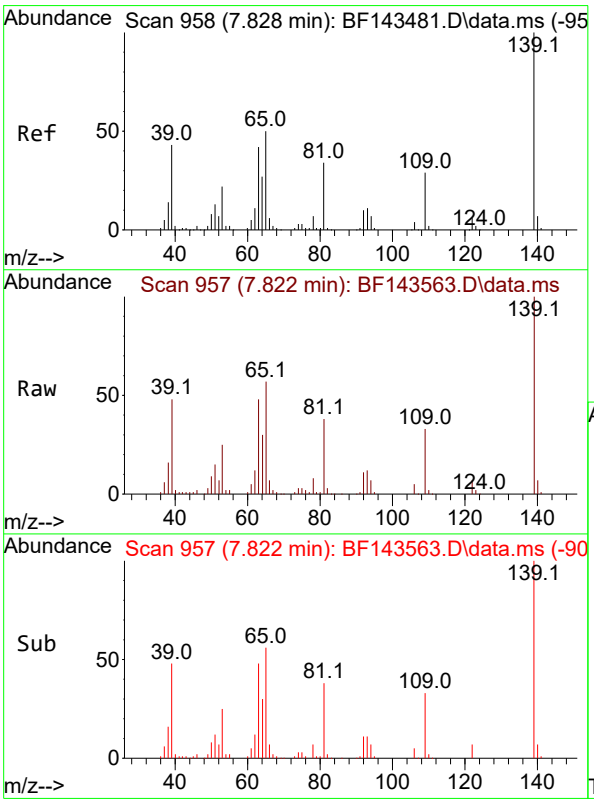
#25
Isophorone
Concen: 38.976 ng
RT: 7.745 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 448381

Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.8	8.8
138	17.2	14.2	21.4

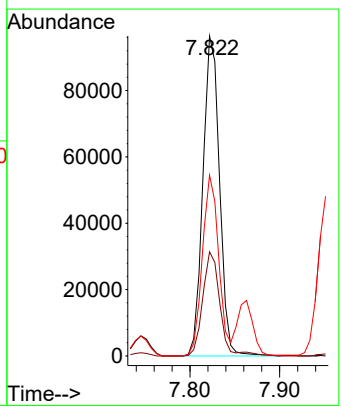


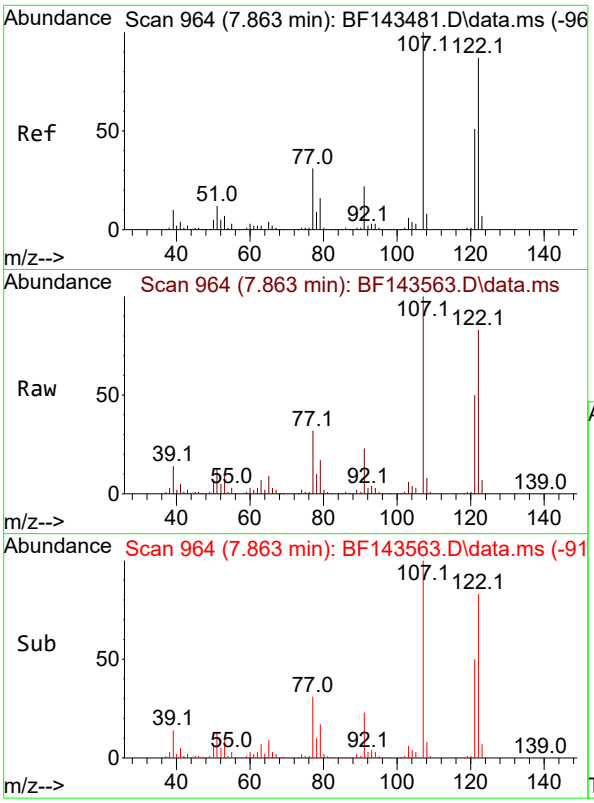


#26
2-Nitrophenol
Concen: 39.181 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:139 Resp: 123968

Ion	Ratio	Lower	Upper
139	100		
109	32.6	23.0	34.6
65	56.5	40.3	60.5



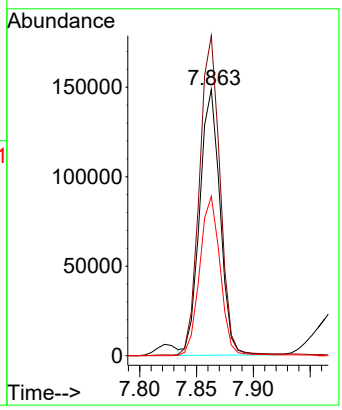


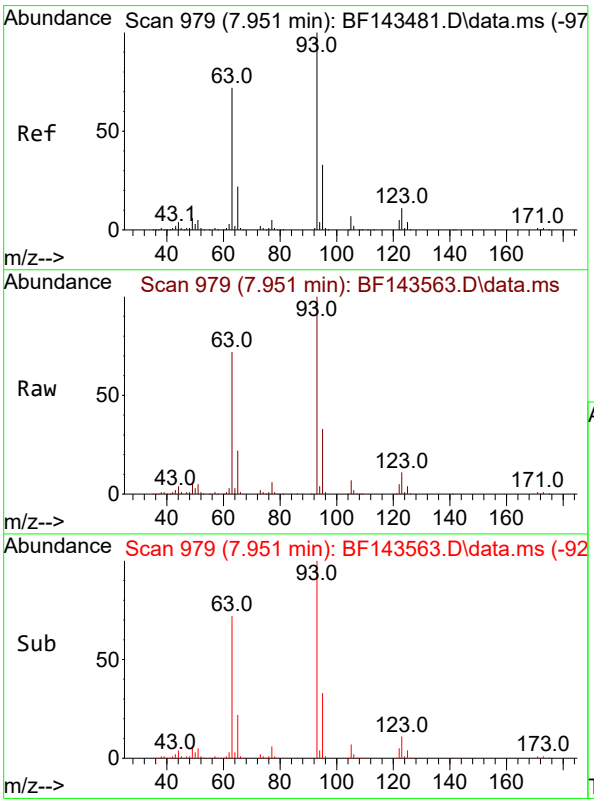
#27
2,4-Dimethylphenol
Concen: 37.645 ng
RT: 7.863 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 185671

Ion	Ratio	Lower	Upper
122	100		
107	120.2	91.5	137.3
121	59.9	47.0	70.4

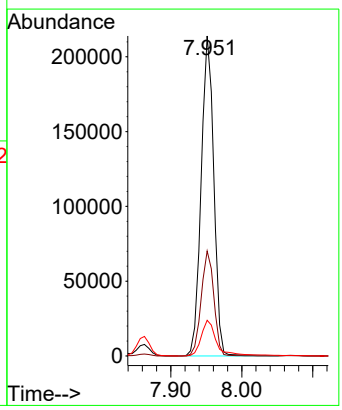


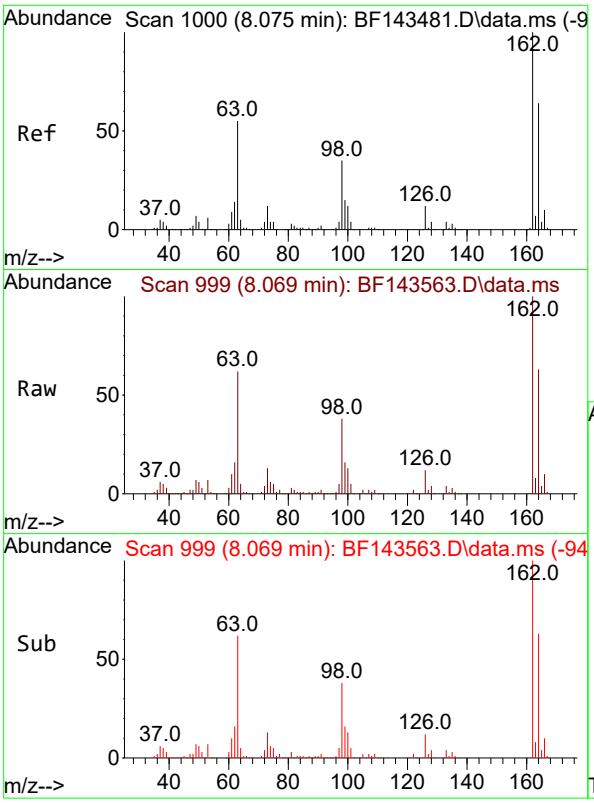


#28
bis(2-Chloroethoxy)methane
Concen: 37.644 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion: 93 Resp: 266138

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.0	39.0
123	11.1	9.1	13.7



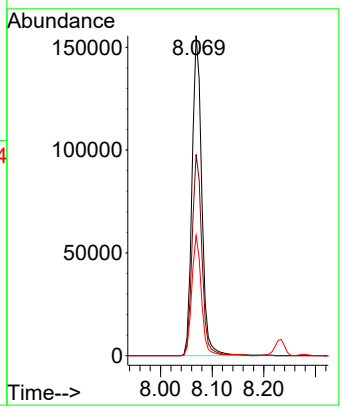


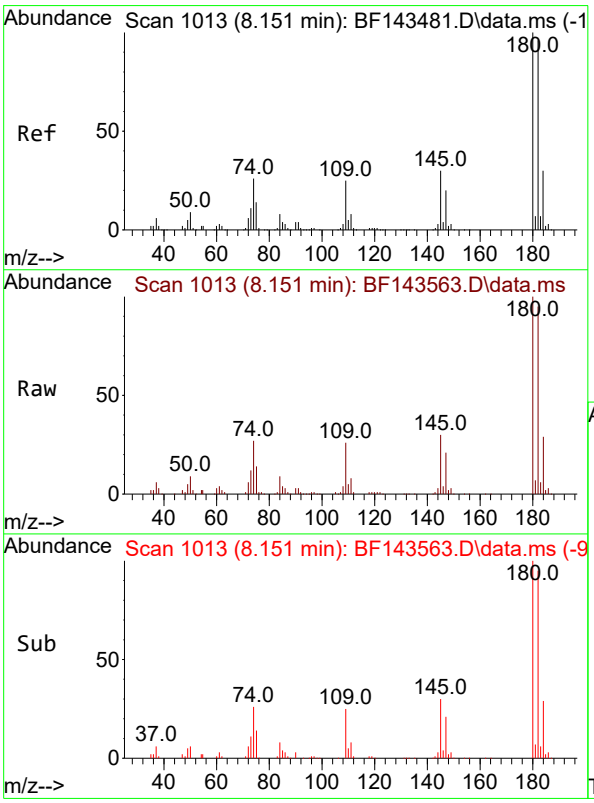
#29
2,4-Dichlorophenol
Concen: 38.661 ng
RT: 8.069 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 203653

Ion	Ratio	Lower	Upper
162	100		
164	62.9	43.5	83.5
98	37.6	15.1	55.1

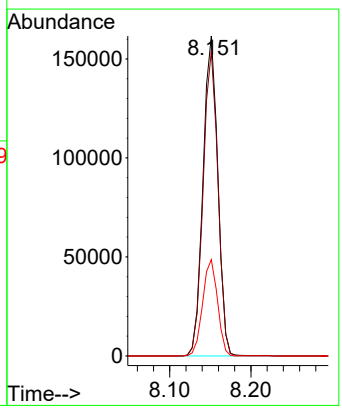


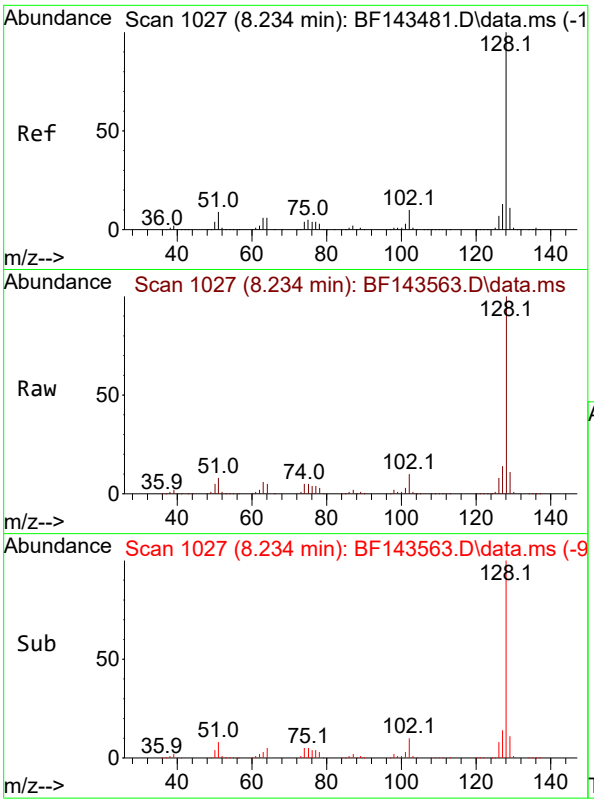


#30
1,2,4-Trichlorobenzene
Concen: 37.756 ng
RT: 8.151 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:180 Resp: 204483

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.6	114.8
145	30.1	24.3	36.5



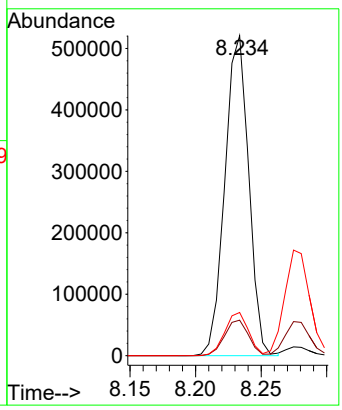


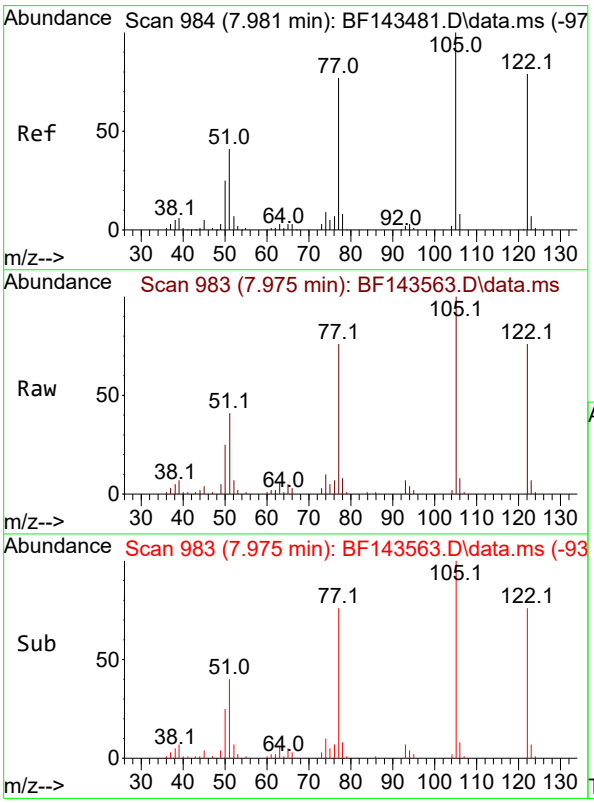
#31
Naphthalene
Concen: 37.471 ng
RT: 8.234 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 658826

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.5	10.6	16.0

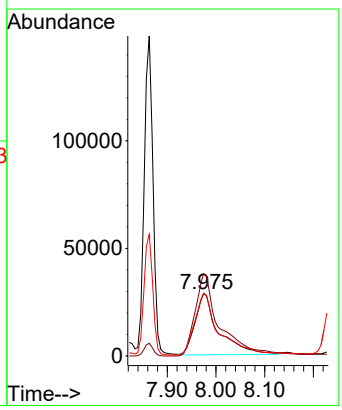


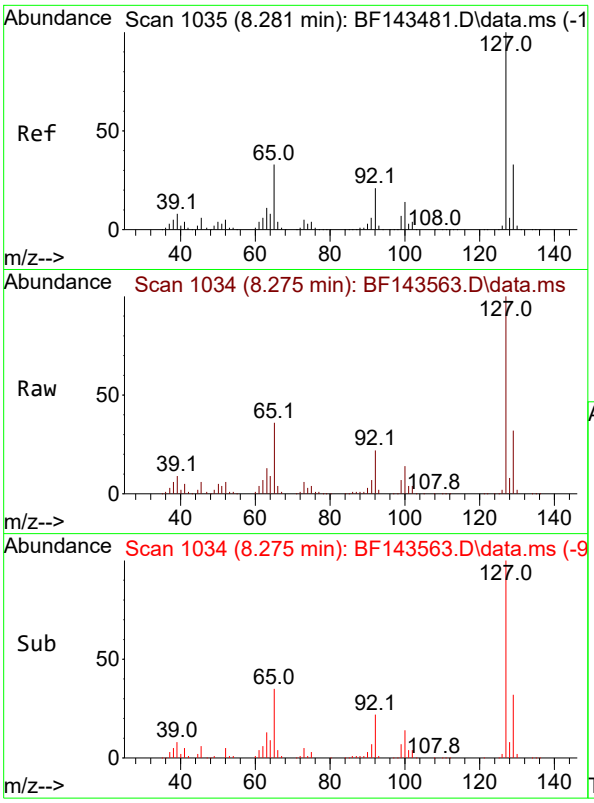


#32
Benzoic acid
Concen: 35.831 ng
RT: 7.975 min Scan# 983
Delta R.T. -0.035 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:122 Resp: 95923

Ion	Ratio	Lower	Upper
122	100		
105	132.0	104.7	144.7
77	100.9	77.3	117.3



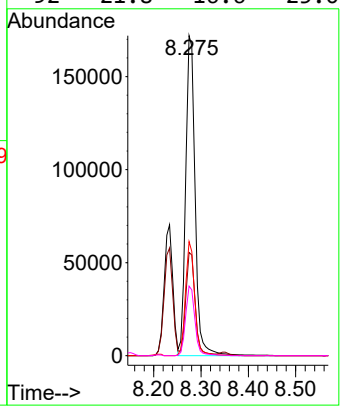


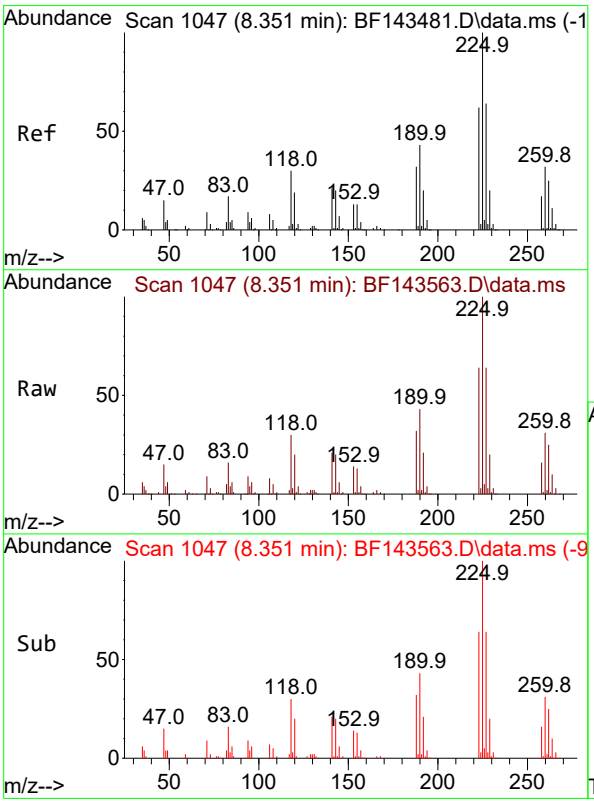
#33
4-Chloroaniline
Concen: 38.155 ng
RT: 8.275 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 238101

Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1
65	35.6	26.2	39.2
92	21.8	16.6	25.0

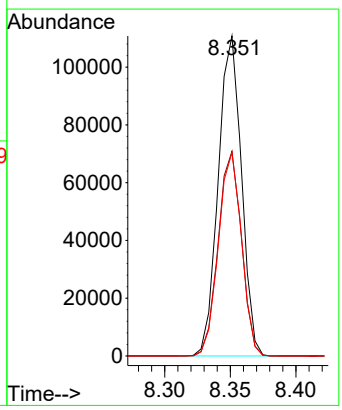


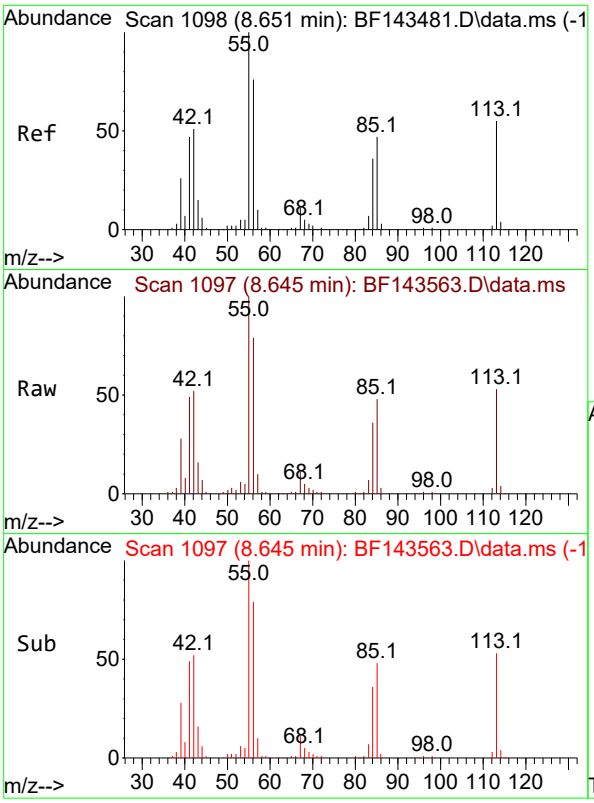


#34
Hexachlorobutadiene
Concen: 38.527 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:225 Resp: 136132

Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.9	74.9
227	63.5	50.9	76.3



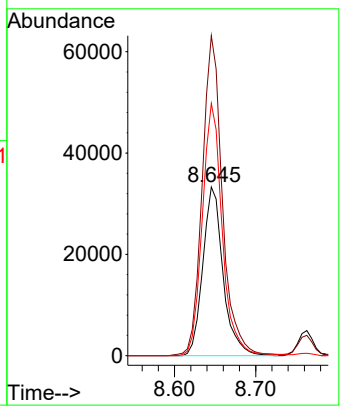


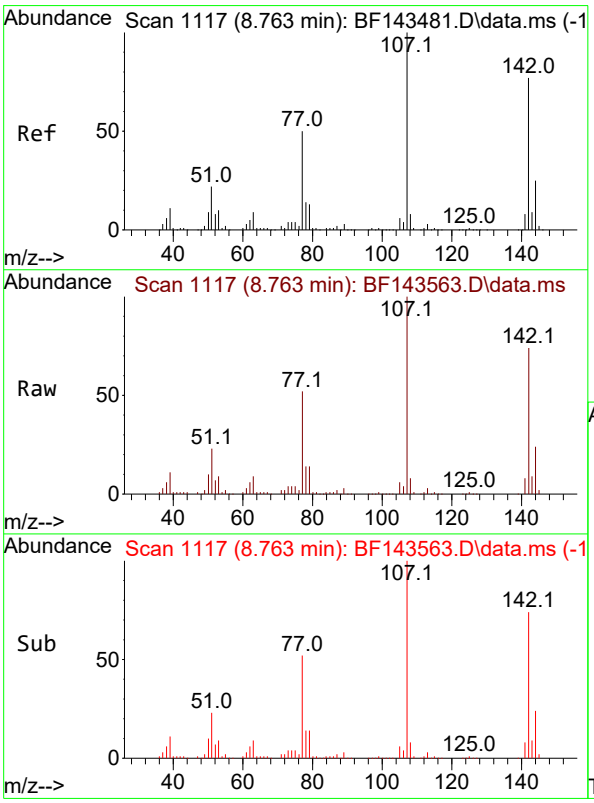
#35
Caprolactam
Concen: 45.461 ng
RT: 8.645 min Scan# 1
Delta R.T. -0.029 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 57464

Ion	Ratio	Lower	Upper
113	100		
55	189.7	162.8	202.8
56	149.5	118.1	158.1

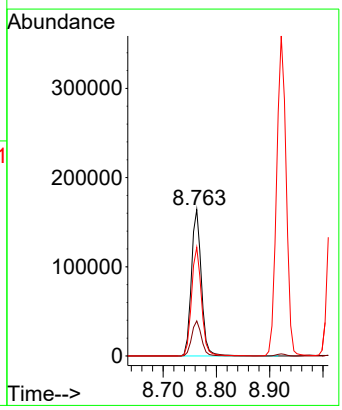


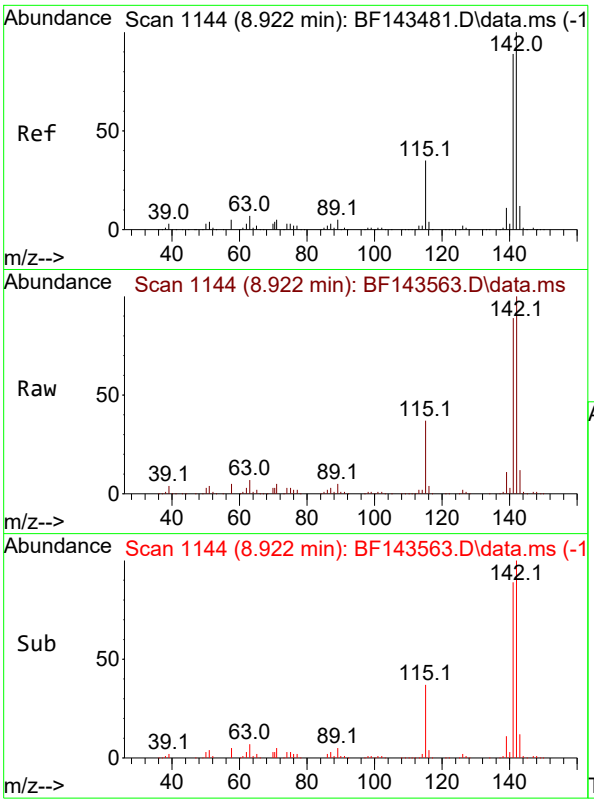


#36
4-Chloro-3-methylphenol
Concen: 40.475 ng
RT: 8.763 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:107 Resp: 213663

Ion	Ratio	Lower	Upper
107	100		
144	23.9	19.9	29.9
142	74.2	61.8	92.8



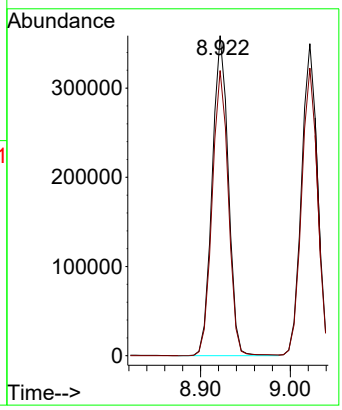


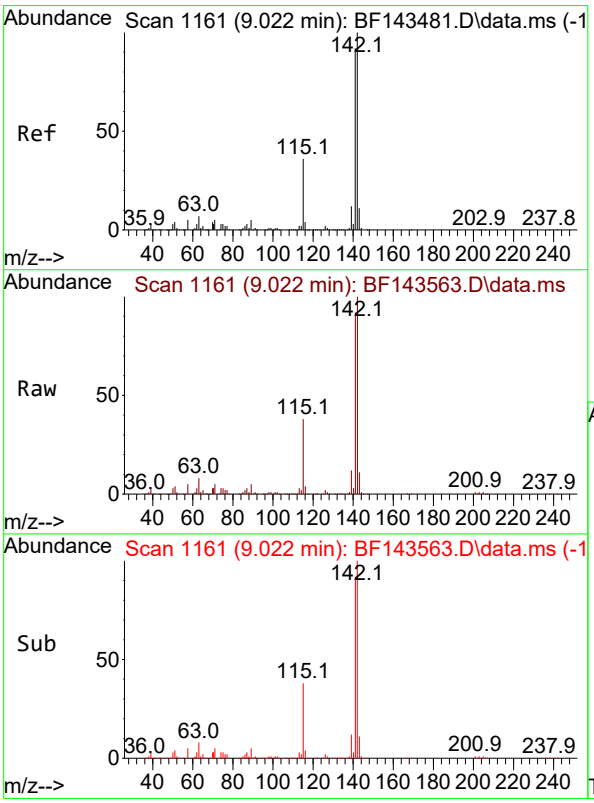
#37
2-Methylnaphthalene
Concen: 38.072 ng
RT: 8.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 447078

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.4

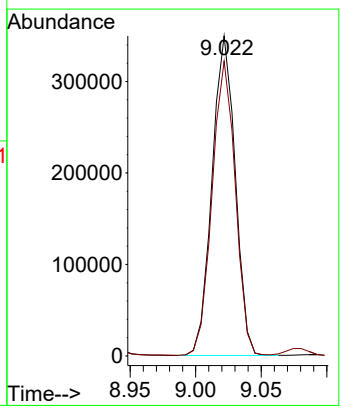


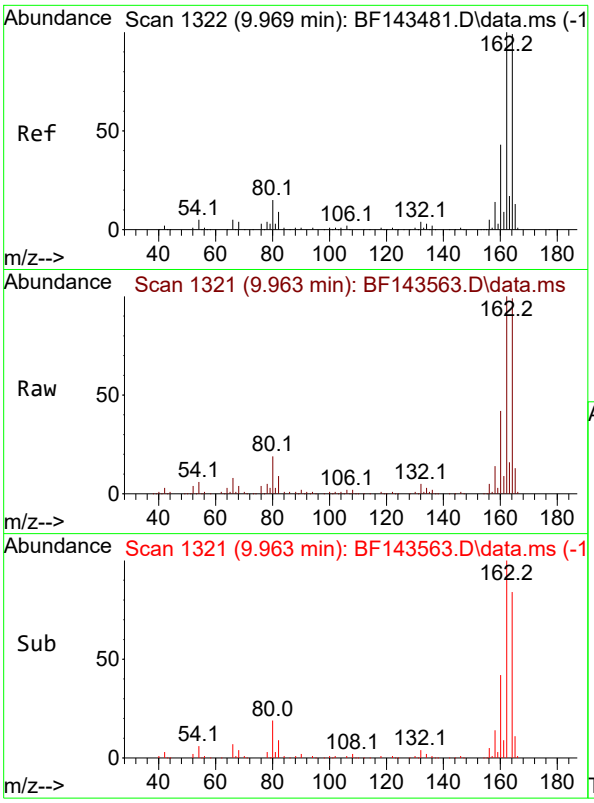


#38
1-Methylnaphthalene
Concen: 38.168 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:142 Resp: 428730

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.3	109.9



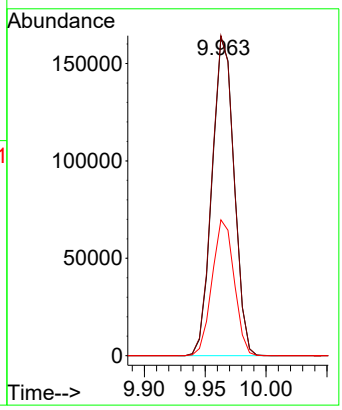


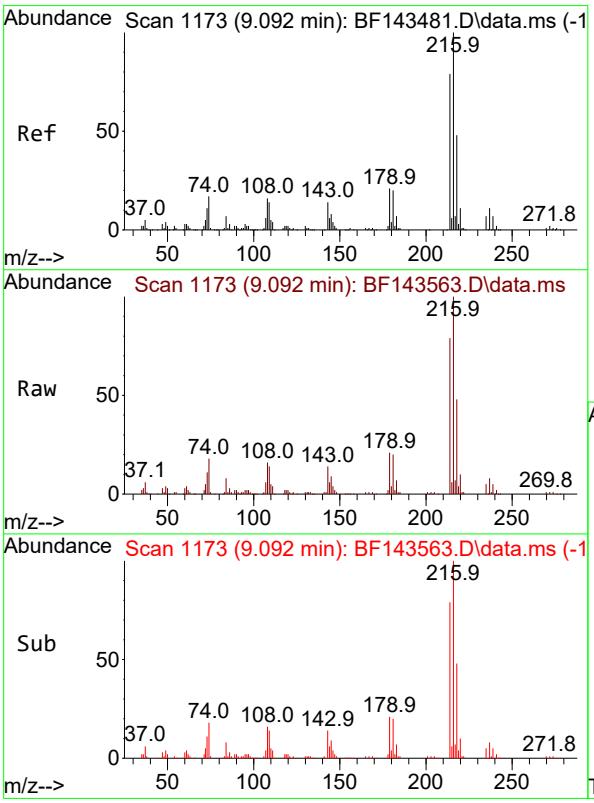
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 205977

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.5	120.7
160	42.7	34.3	51.5

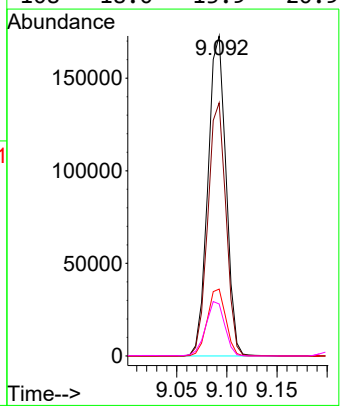


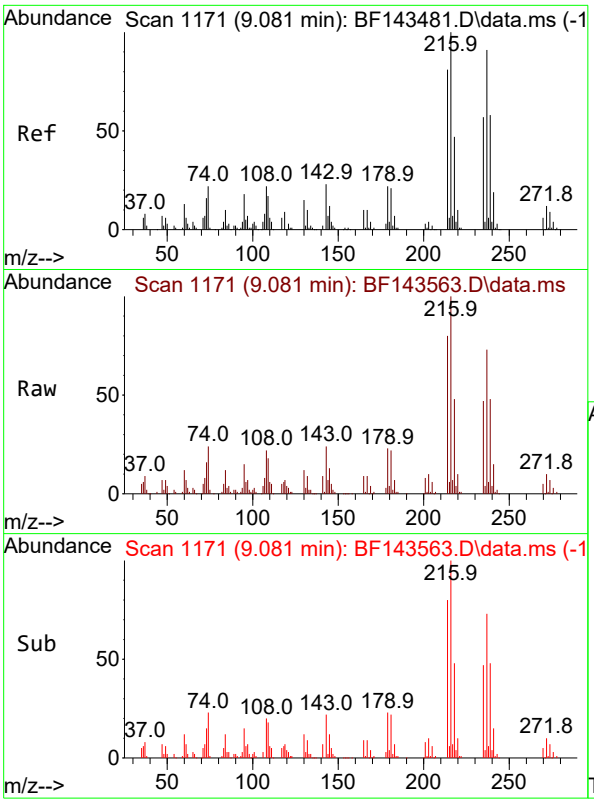


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.876 ng
RT: 9.092 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:216 Resp: 217263

Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.4	95.0
179	21.3	16.5	24.7
108	18.0	13.9	20.9



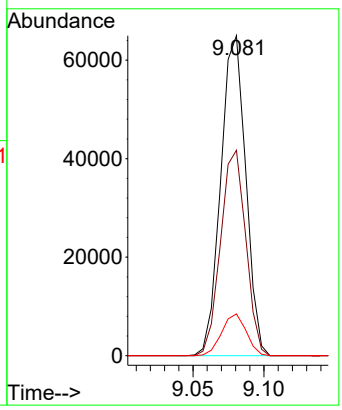


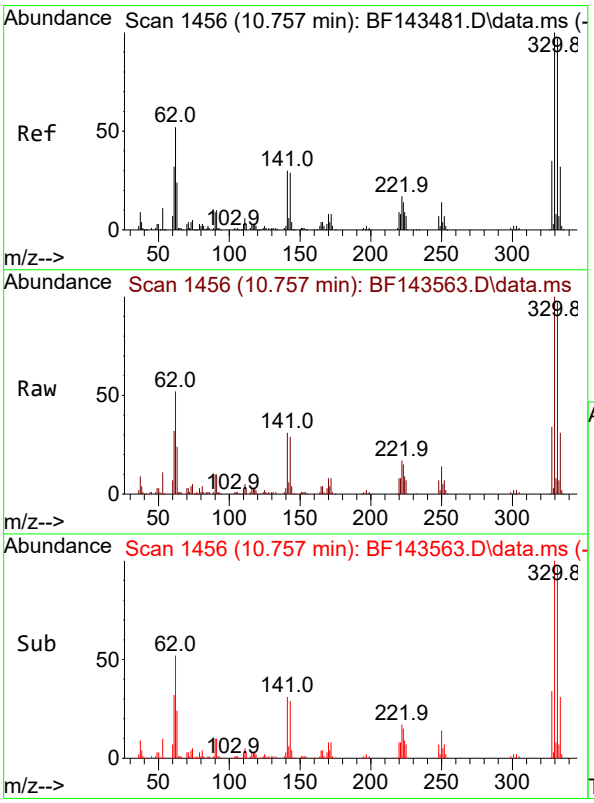
#41
Hexachlorocyclopentadiene
Concen: 38.369 ng
RT: 9.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 79483

Ion	Ratio	Lower	Upper
237	100		
235	64.2	42.6	82.6
272	13.1	0.0	33.4

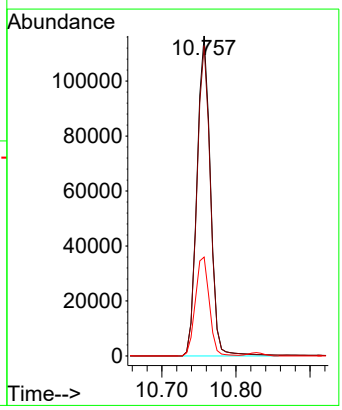


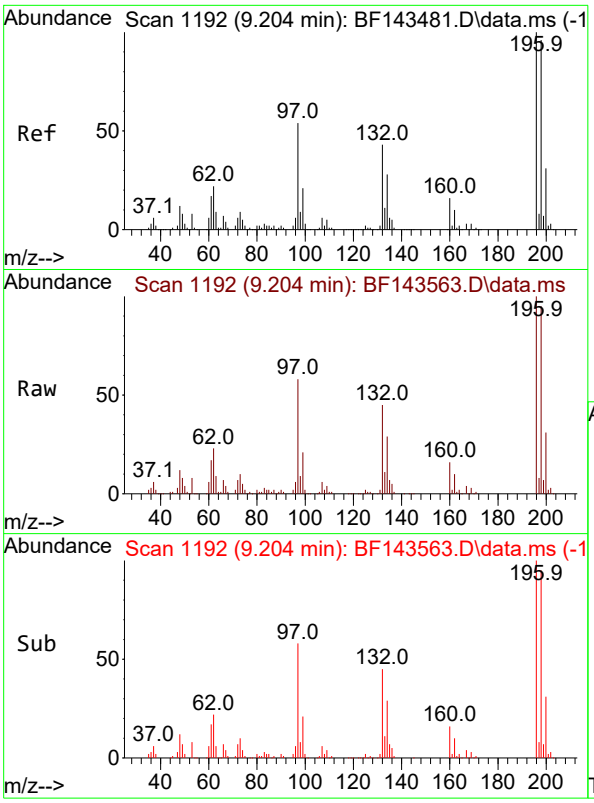


#42
2,4,6-Tribromophenol
Concen: 76.683 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:330 Resp: 147027

Ion	Ratio	Lower	Upper
330	100		
332	98.0	78.0	117.0
141	32.1	23.7	35.5



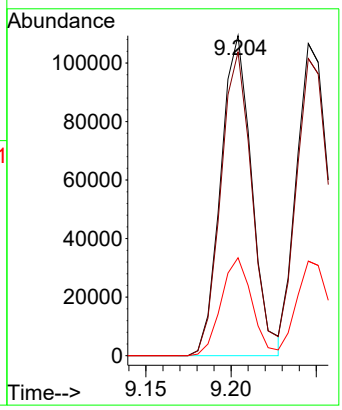


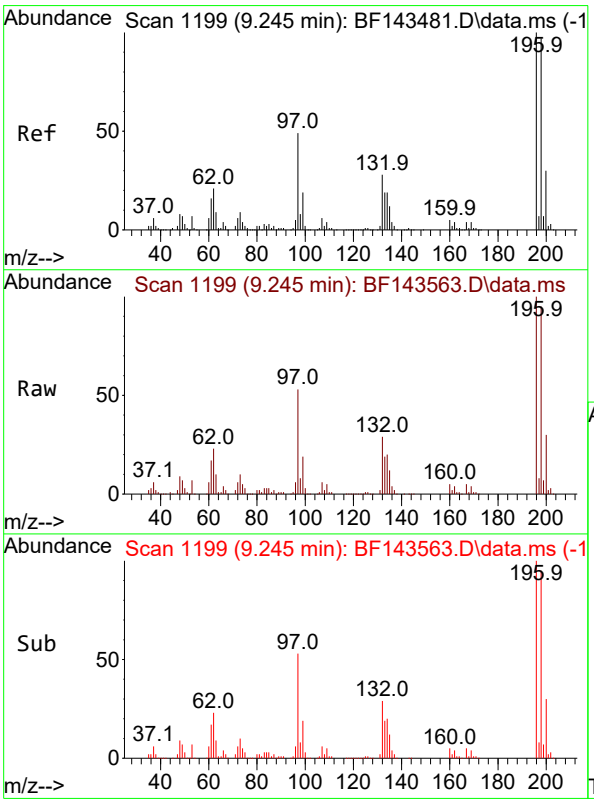
#43
2,4,6-Trichlorophenol
Concen: 38.169 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 138377

Ion	Ratio	Lower	Upper
196	100		
198	94.9	77.0	115.4
200	30.6	24.6	37.0

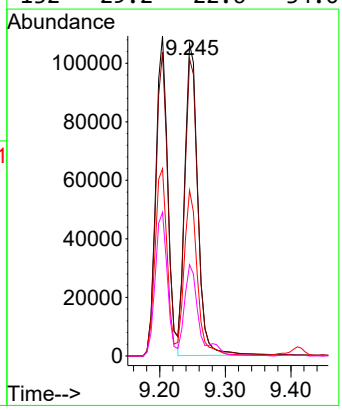


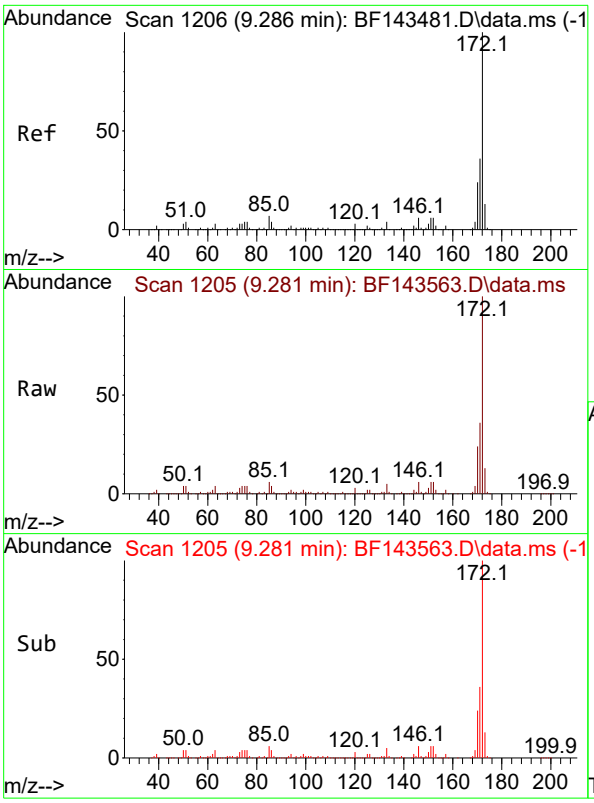


#44
2,4,5-Trichlorophenol
Concen: 36.925 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:196 Resp: 146223

Ion	Ratio	Lower	Upper
196	100		
198	95.2	77.3	115.9
97	53.1	40.0	60.0
132	29.2	22.6	34.0



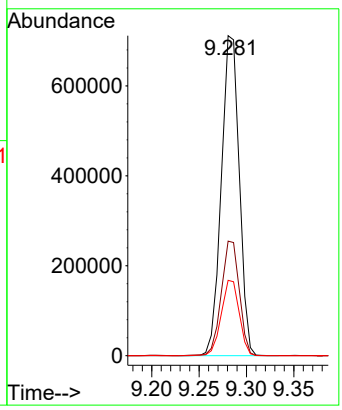


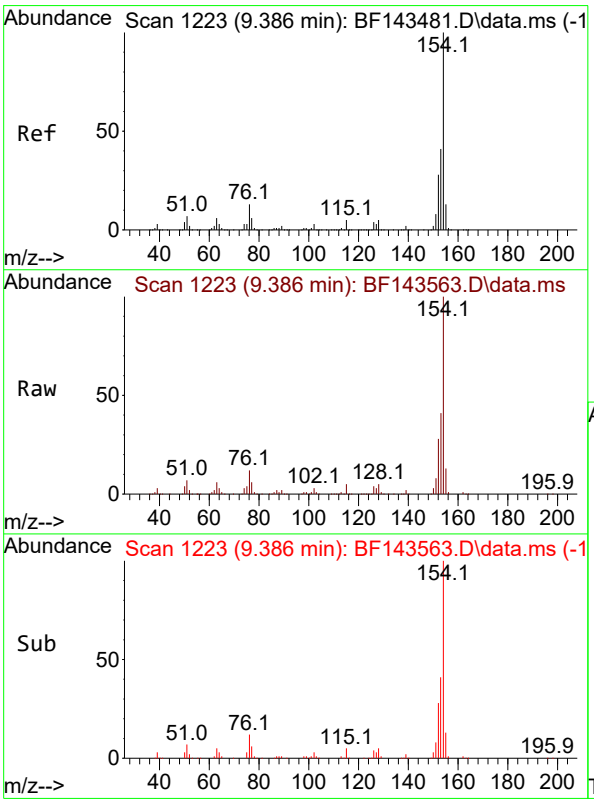
#45
2-Fluorobiphenyl
Concen: 75.534 ng
RT: 9.281 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 941401

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	23.6	18.8	28.2

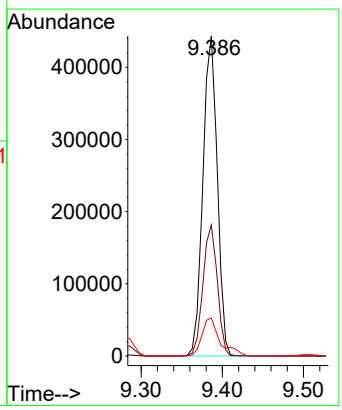


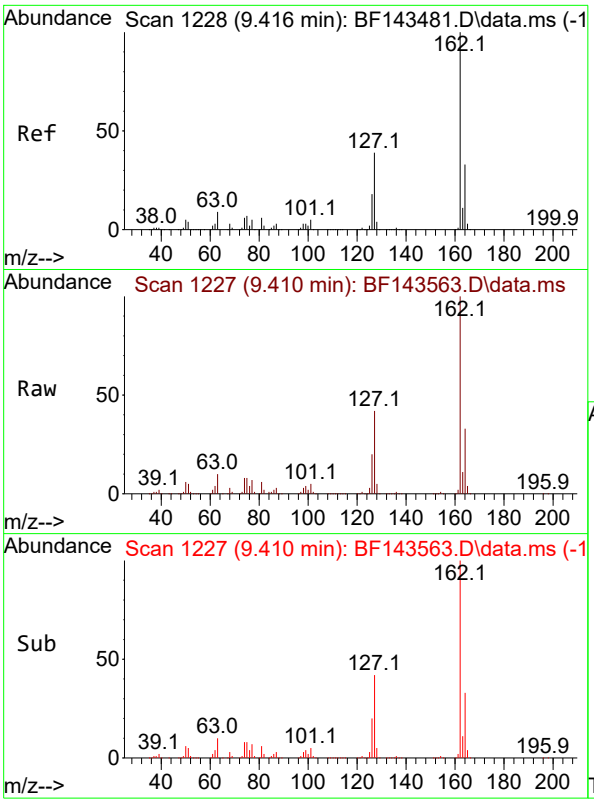


#46
1,1'-Biphenyl
Concen: 37.179 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:154 Resp: 543545

Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.6	60.6
76	11.8	0.0	33.0



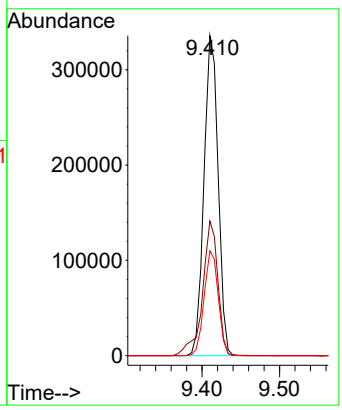


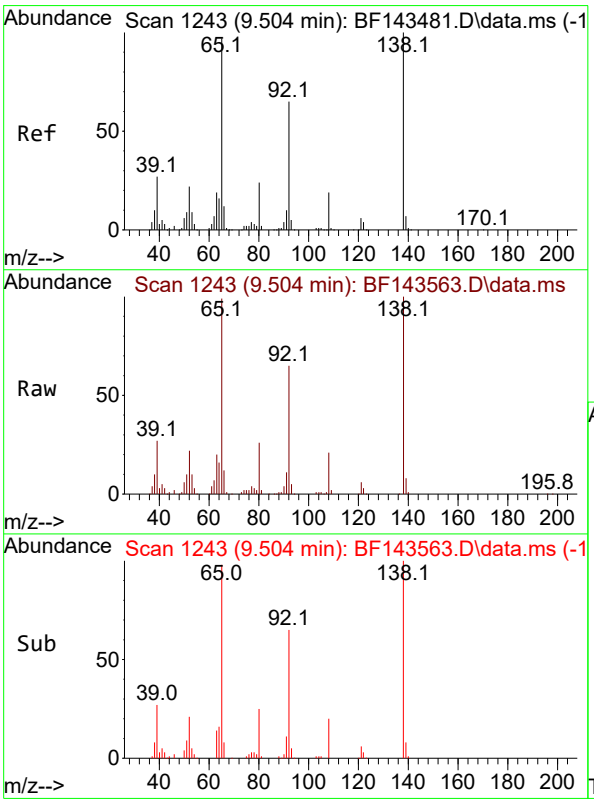
#47
2-Chloronaphthalene
Concen: 37.092 ng
RT: 9.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 425481

Ion	Ratio	Lower	Upper
162	100		
127	42.1	31.8	47.6
164	32.8	26.4	39.6

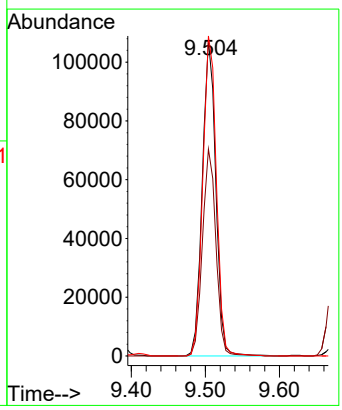


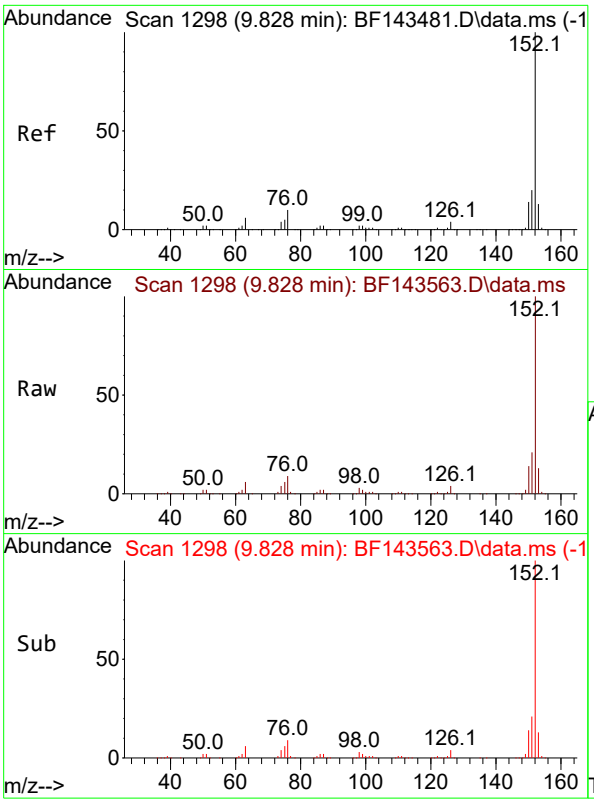


#48
2-Nitroaniline
Concen: 40.507 ng
RT: 9.504 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion: 65 Resp: 135986

Ion	Ratio	Lower	Upper
65	100		
92	65.5	53.8	80.6
138	101.4	82.4	123.6



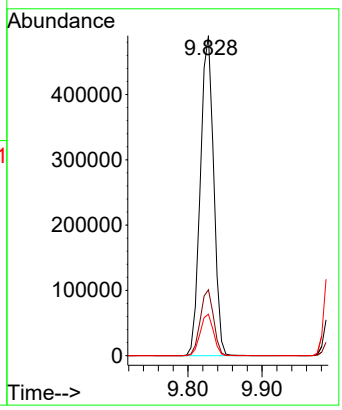


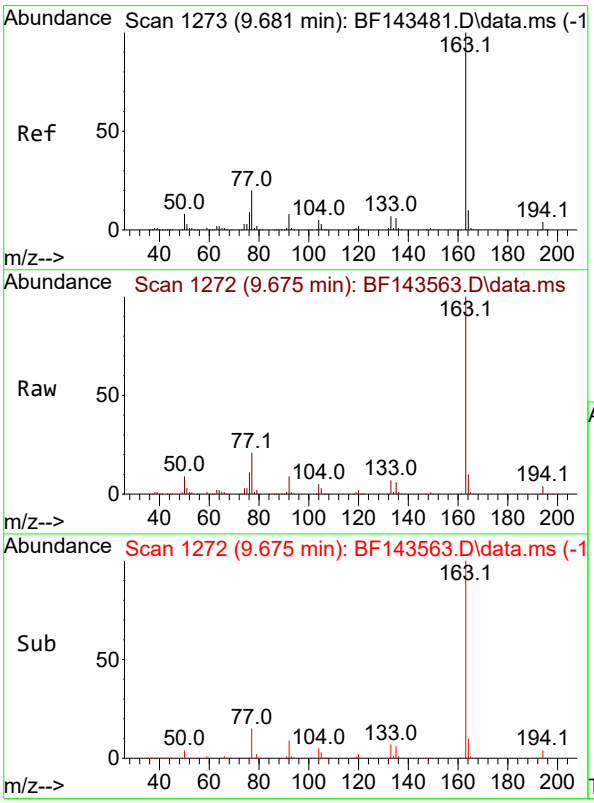
#49
Acenaphthylene
Concen: 37.277 ng
RT: 9.828 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 612267

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4
153	13.0	10.6	15.8

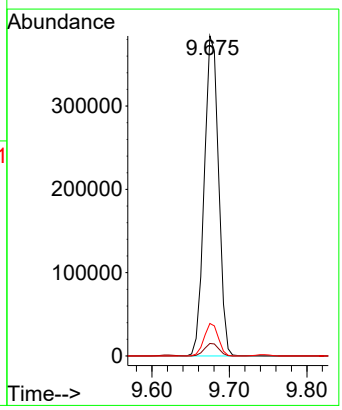


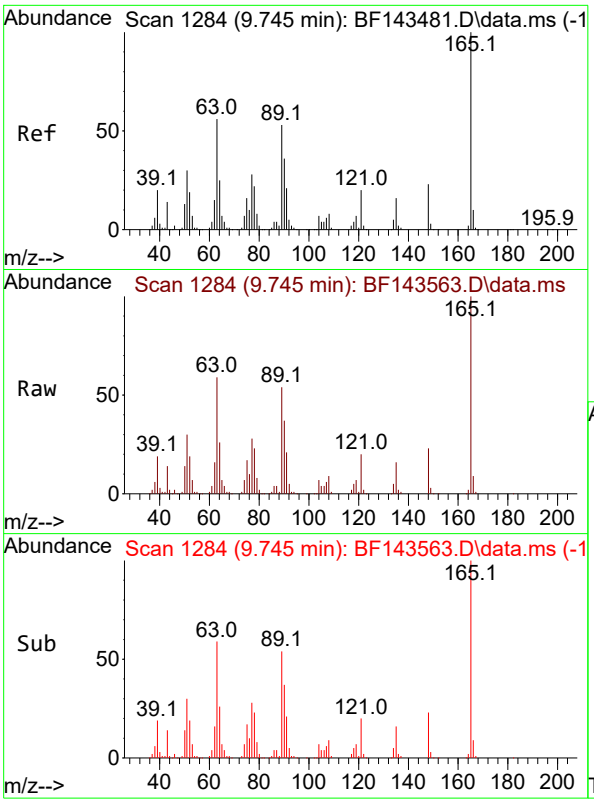


#50
Dimethylphthalate
Concen: 39.712 ng
RT: 9.675 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:163 Resp: 492649

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.2	8.2	12.2



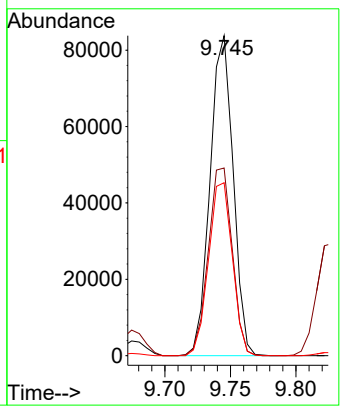


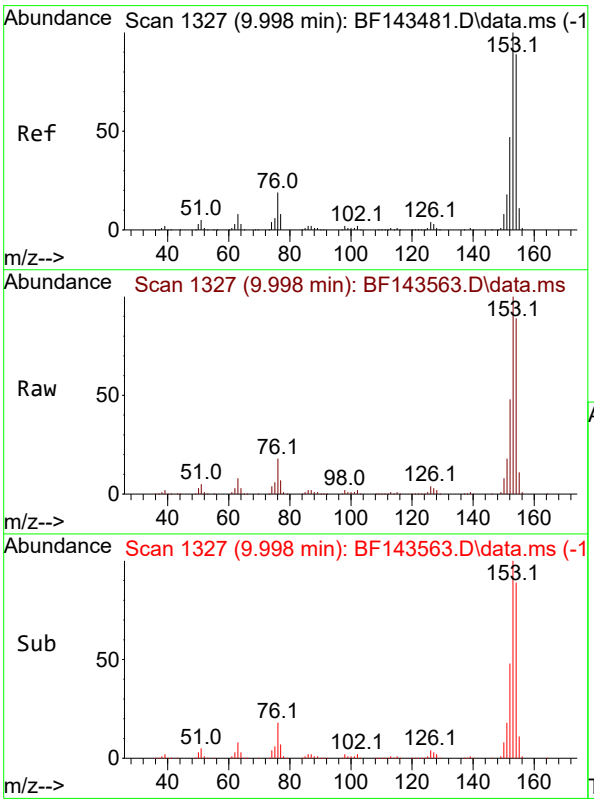
#51
2,6-Dinitrotoluene
Concen: 39.929 ng
RT: 9.745 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 102662

Ion	Ratio	Lower	Upper
165	100		
63	58.6	45.0	67.6
89	54.1	42.5	63.7

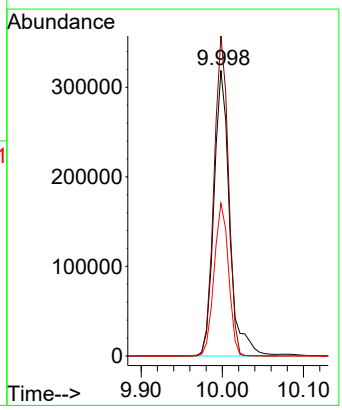


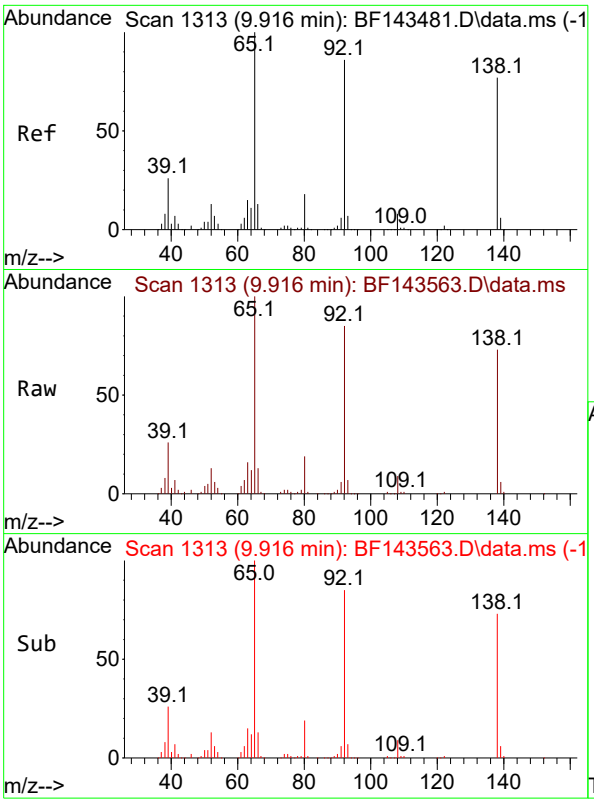


#52
Acenaphthene
Concen: 38.353 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:154 Resp: 427707

Ion	Ratio	Lower	Upper
154	100		
153	112.0	89.5	134.3
152	53.4	42.5	63.7



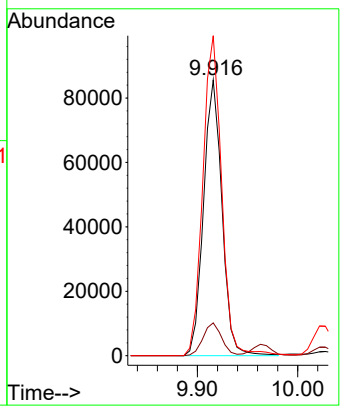


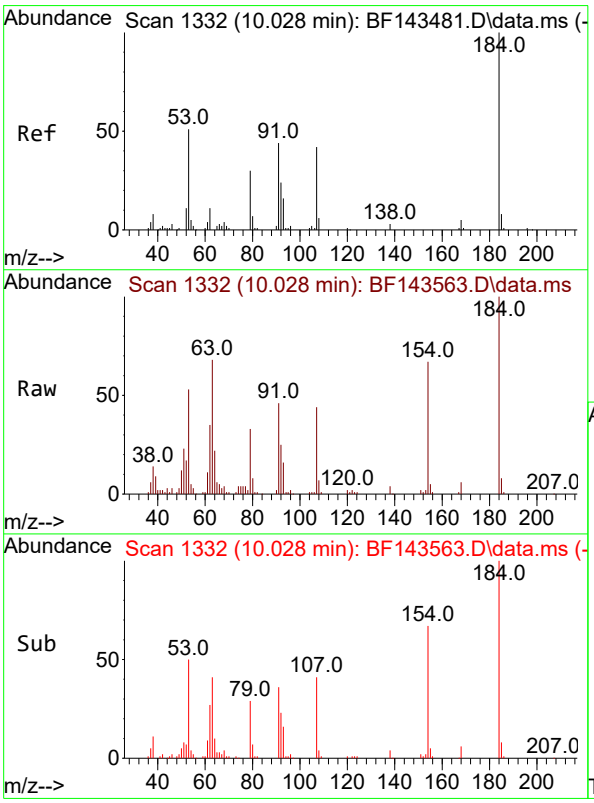
#53
3-Nitroaniline
Concen: 39.543 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 109859

Ion	Ratio	Lower	Upper
138	100		
108	11.9	8.6	13.0
92	116.1	89.8	134.8

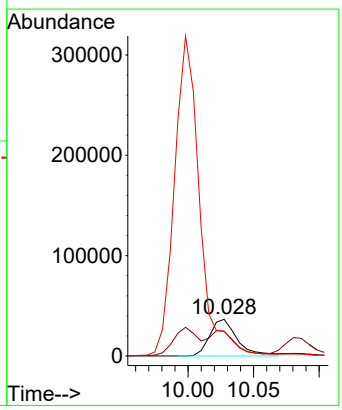


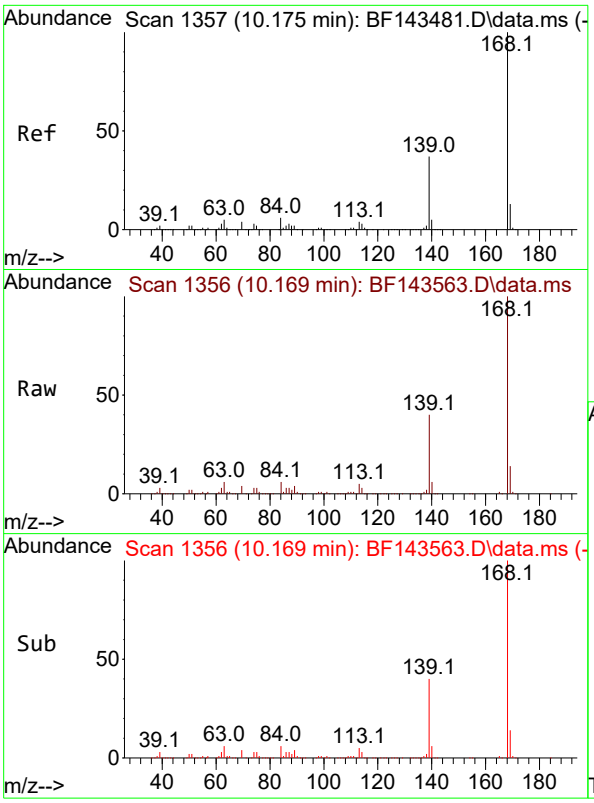


#54
2,4-Dinitrophenol
Concen: 41.606 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:184 Resp: 53467

Ion	Ratio	Lower	Upper
184	100		
63	67.7	52.6	78.8
154	67.4	51.0	76.4



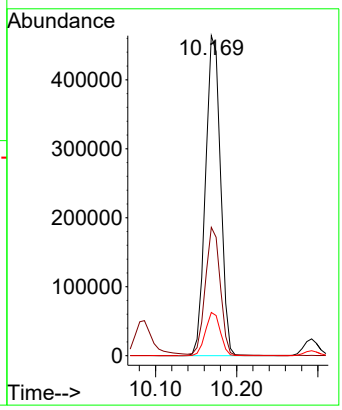


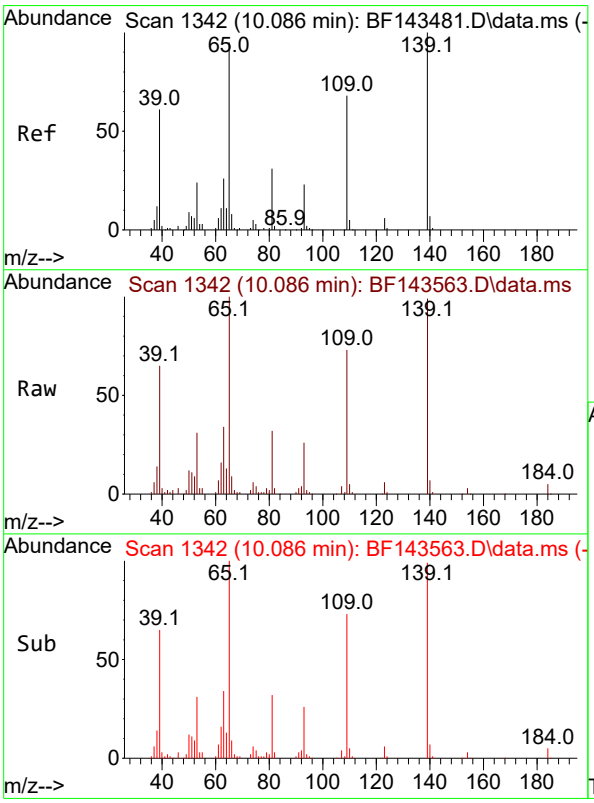
#55
Dibenzofuran
Concen: 37.307 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 593154

Ion	Ratio	Lower	Upper
168	100		
139	40.1	29.8	44.6
169	13.5	10.8	16.2

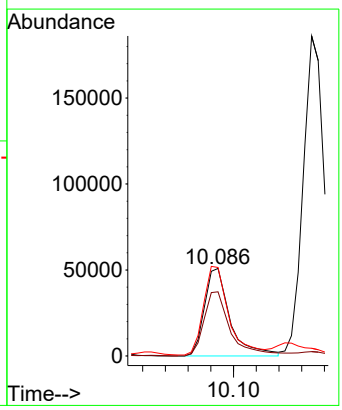


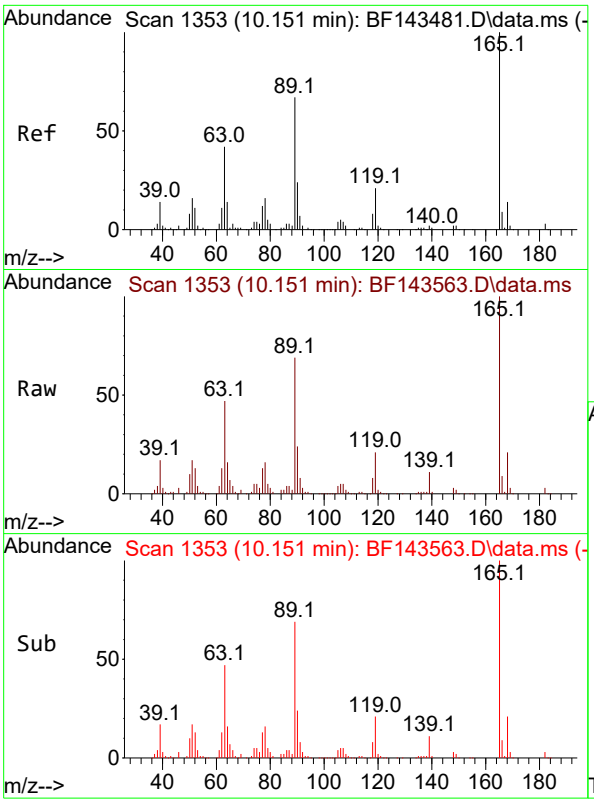


#56
4-Nitrophenol
Concen: 48.174 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:139 Resp: 79634

Ion	Ratio	Lower	Upper
139	100		
109	73.3	48.2	88.2
65	101.1	75.8	115.8



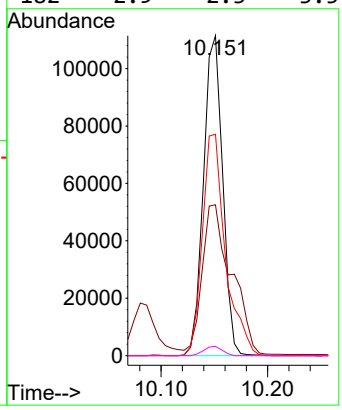


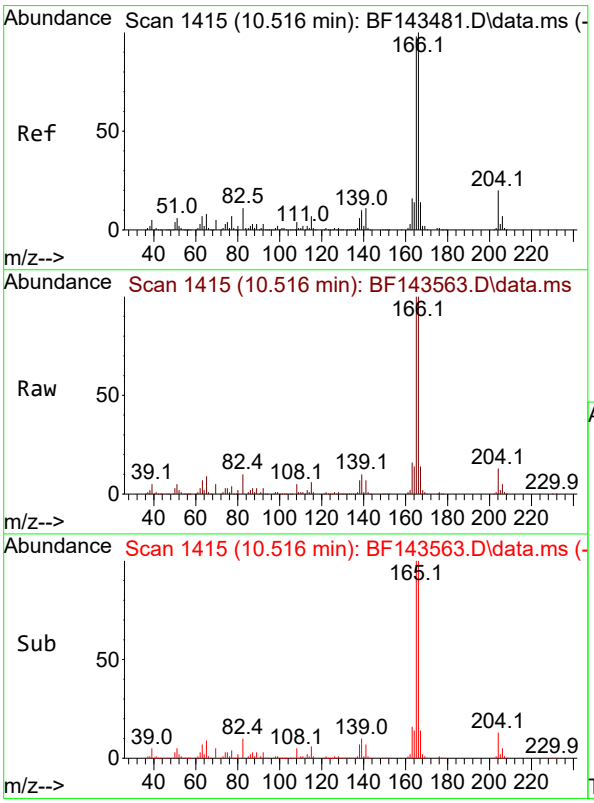
#57
2,4-Dinitrotoluene
Concen: 40.578 ng
RT: 10.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 139305

Ion	Ratio	Lower	Upper
165	100		
63	47.2	34.9	52.3
89	69.2	53.3	79.9
182	2.9	2.3	3.5

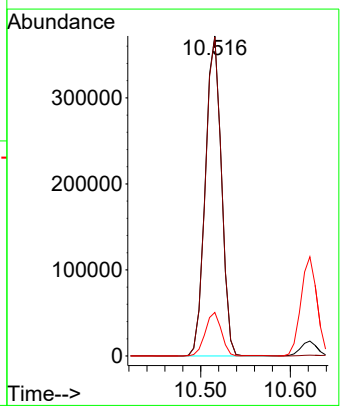


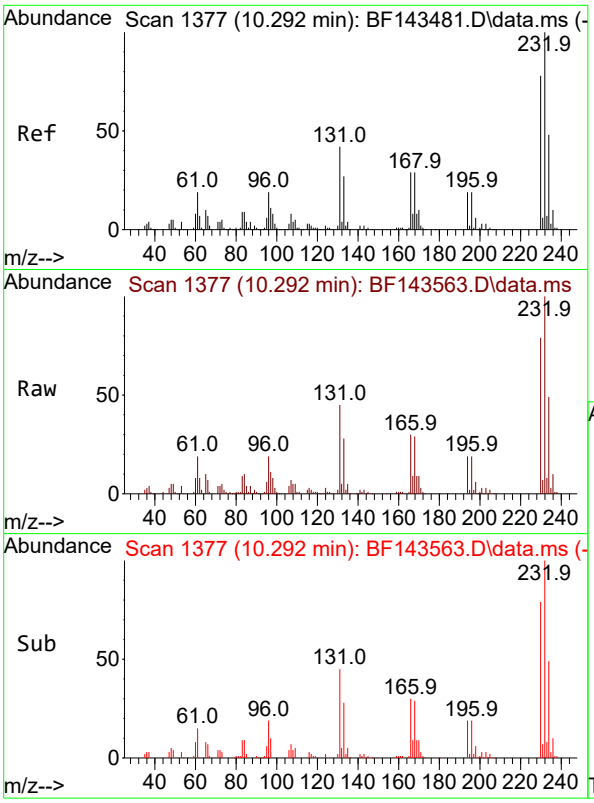


#58
Fluorene
Concen: 37.774 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:166 Resp: 462243

Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.3	117.5
167	13.6	11.0	16.4



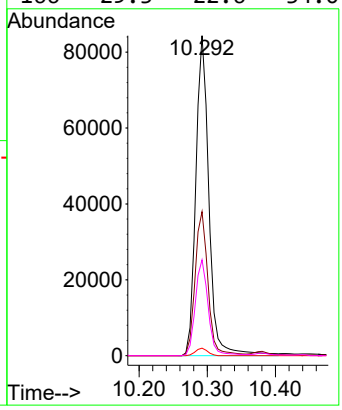


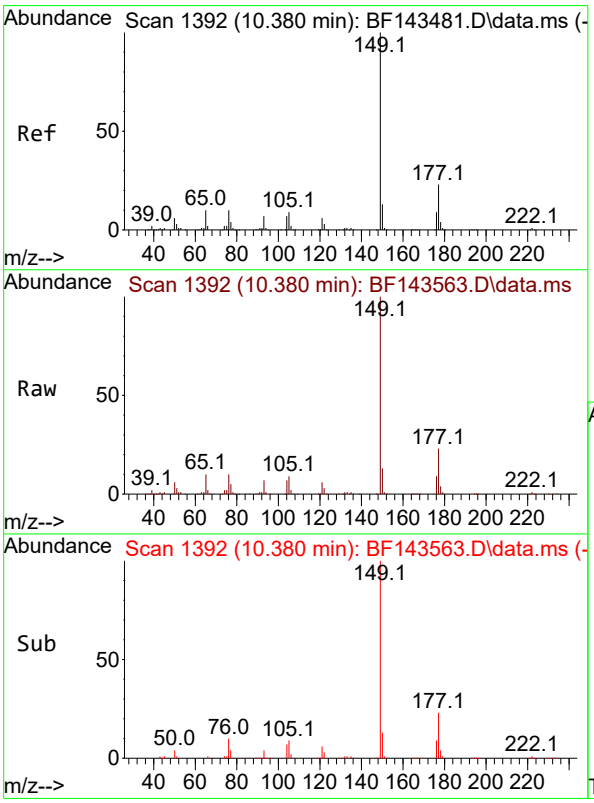
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.429 ng
RT: 10.292 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 113060

Ion	Ratio	Lower	Upper
232	100		
131	44.3	32.7	49.1
130	2.2	1.6	2.4
166	29.3	22.6	34.0

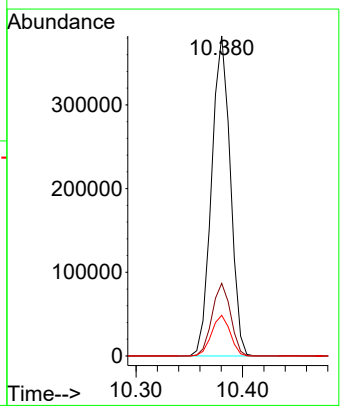


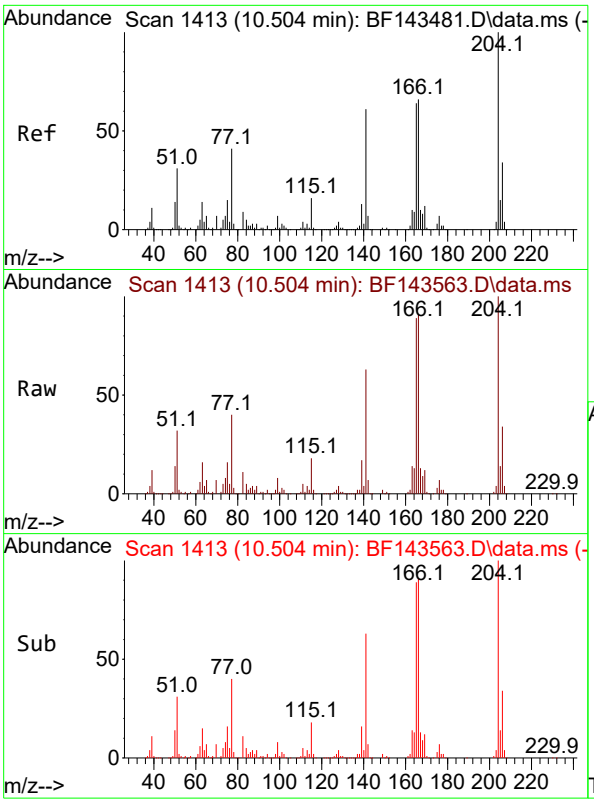


#60
Diethylphthalate
Concen: 41.829 ng
RT: 10.380 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:149 Resp: 465237

Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.3	27.5
150	12.7	10.3	15.5



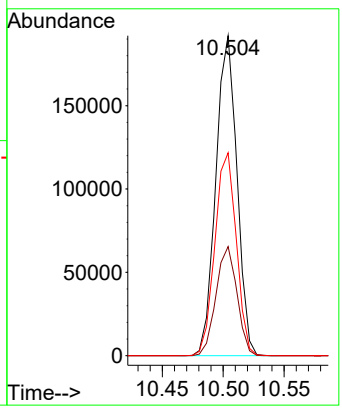


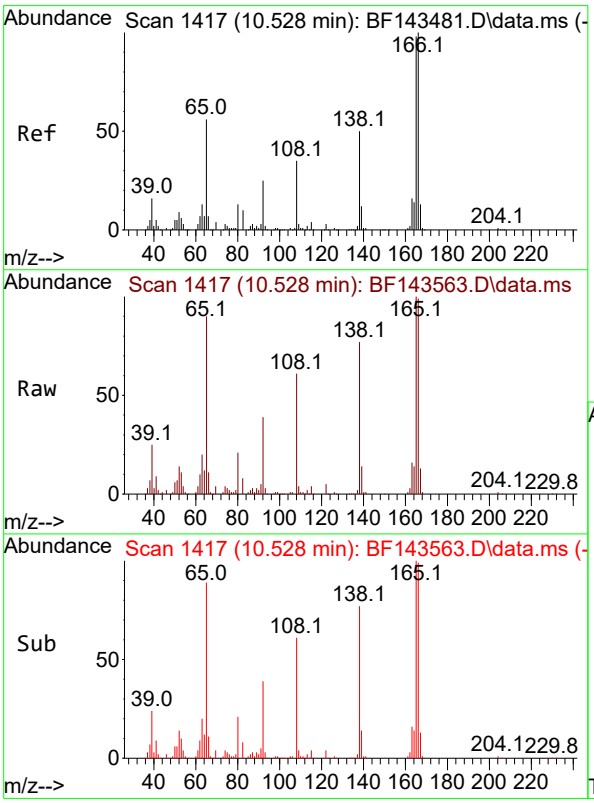
#61
4-Chlorophenyl-phenylether
Concen: 37.842 ng
RT: 10.504 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 231588

Ion	Ratio	Lower	Upper
204	100		
206	34.1	27.0	40.4
141	63.4	48.7	73.1

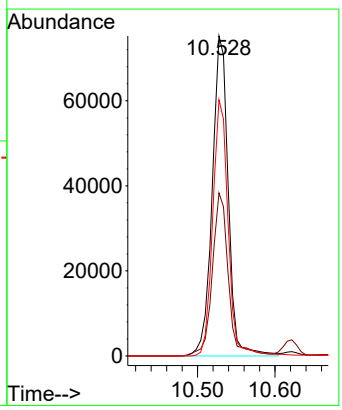


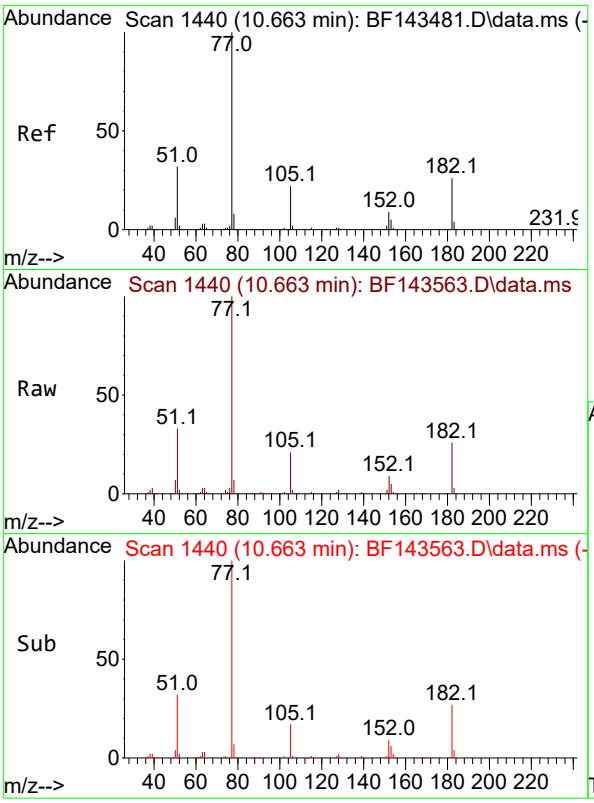


#62
4-Nitroaniline
Concen: 42.593 ng
RT: 10.528 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:138 Resp: 108691

Ion	Ratio	Lower	Upper
138	100		
92	51.0	29.3	69.3
108	80.1	50.7	90.7



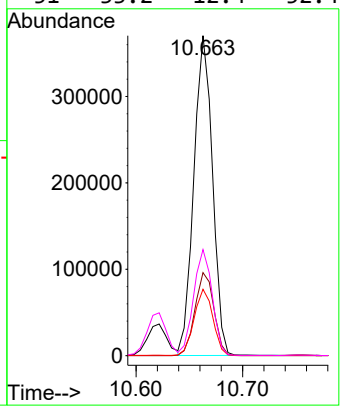


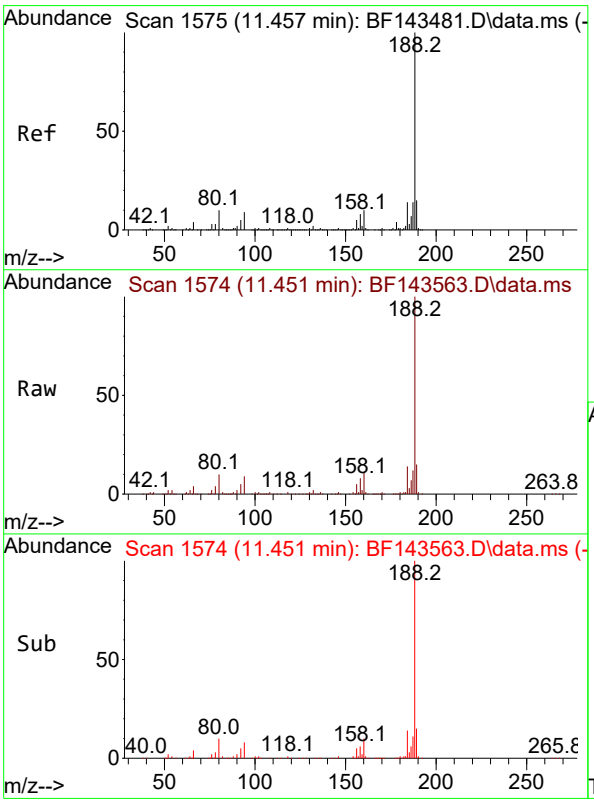
#63
Azobenzene
Concen: 39.156 ng
RT: 10.663 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 451563

Ion	Ratio	Lower	Upper
77	100		
182	26.0	6.2	46.2
105	20.8	2.2	42.2
51	33.2	12.4	52.4

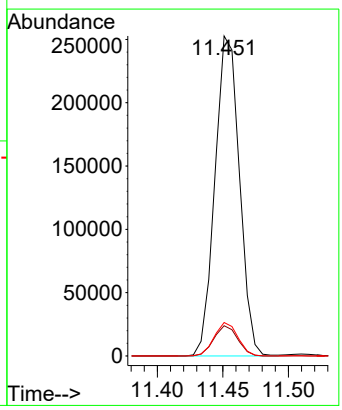


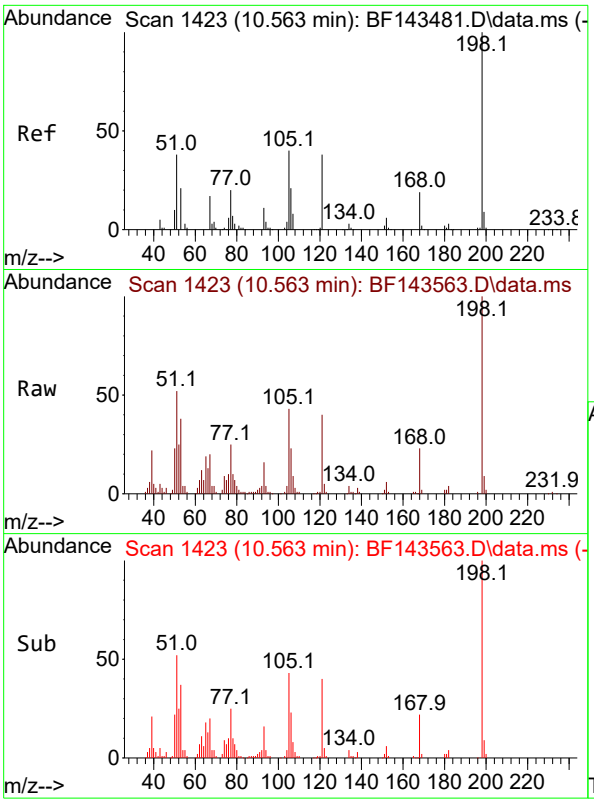


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:188 Resp: 328132

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.4	11.2
80	10.4	8.2	12.4



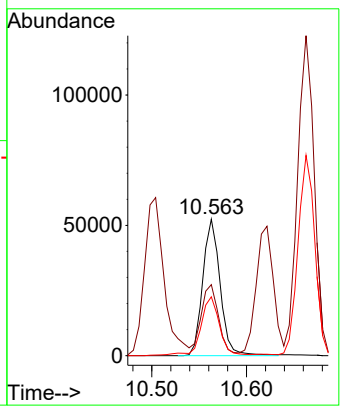


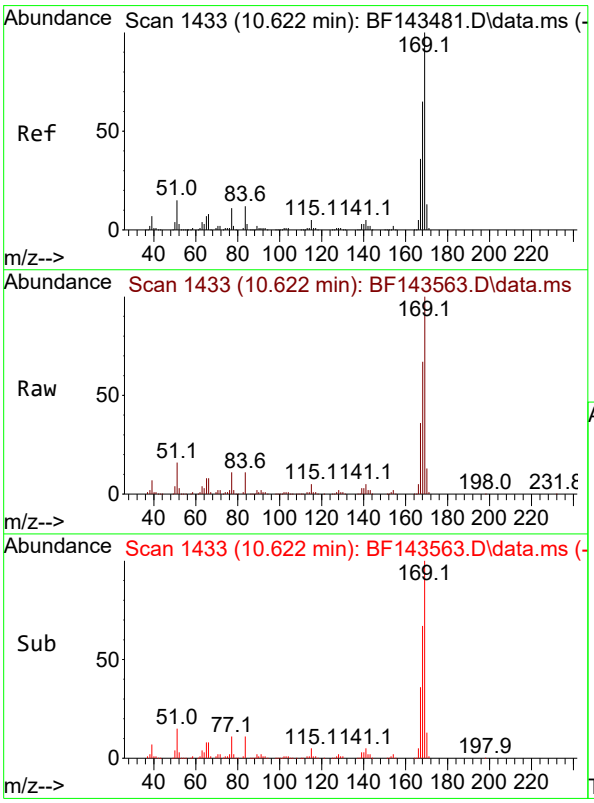
#65
4,6-Dinitro-2-methylphenol
Concen: 36.050 ng
RT: 10.563 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 66697

Ion	Ratio	Lower	Upper
198	100		
51	52.1	29.6	69.6
105	43.2	21.5	61.5

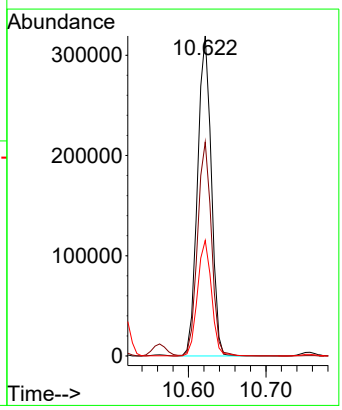


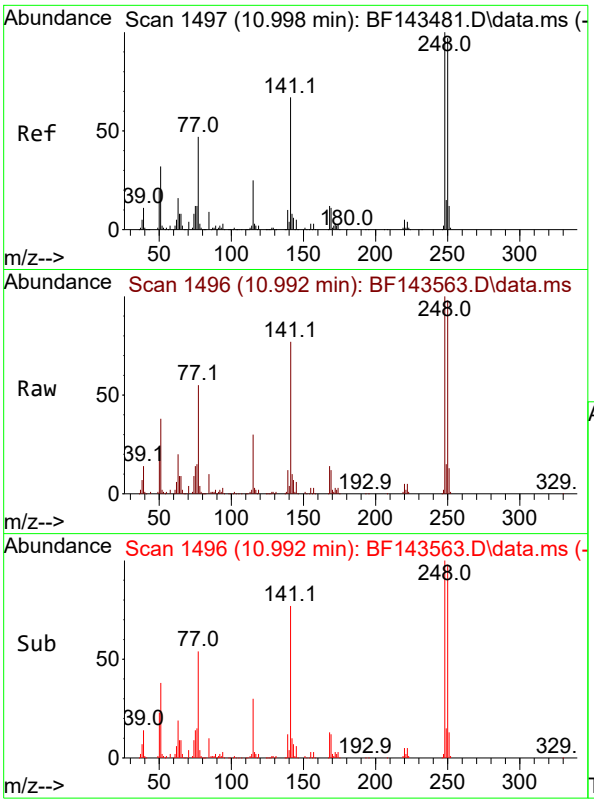


#66
n-Nitrosodiphenylamine
Concen: 37.253 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:169 Resp: 393386

Ion	Ratio	Lower	Upper
169	100		
168	66.9	52.4	78.6
167	36.1	28.9	43.3



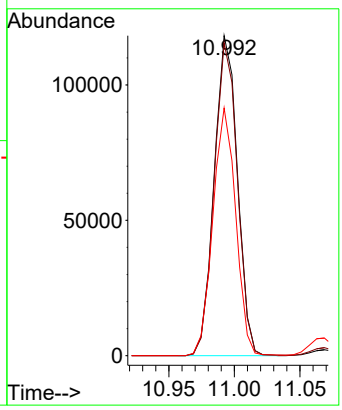


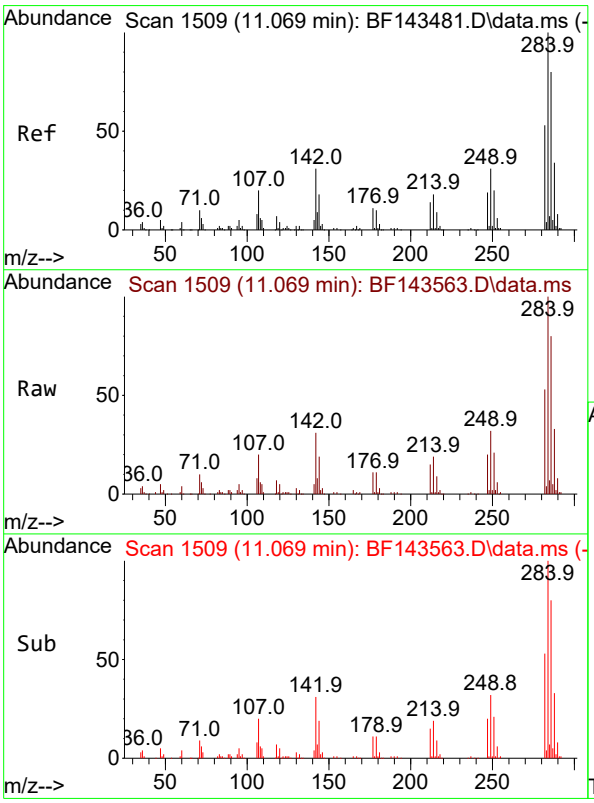
#67
4-Bromophenyl-phenylether
Concen: 37.205 ng
RT: 10.992 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 145663

Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.8	116.8
141	77.4	54.0	81.0

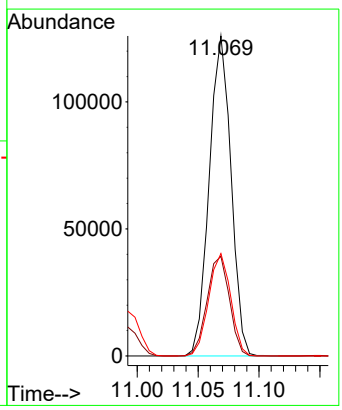


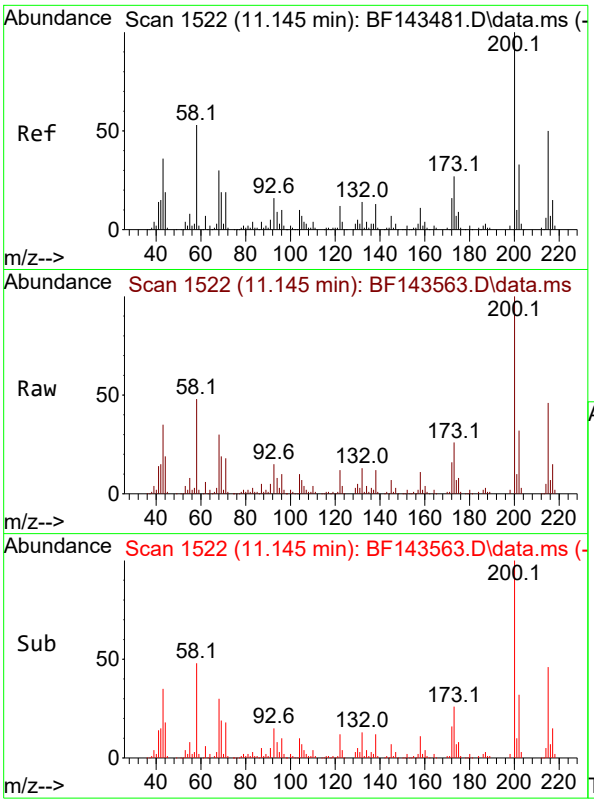


#68
Hexachlorobenzene
Concen: 37.098 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:284 Resp: 156562

Ion	Ratio	Lower	Upper
284	100		
142	31.2	24.4	36.6
249	32.0	25.0	37.6



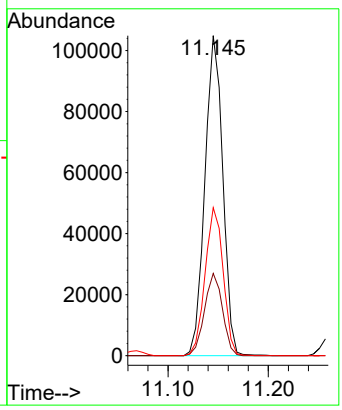


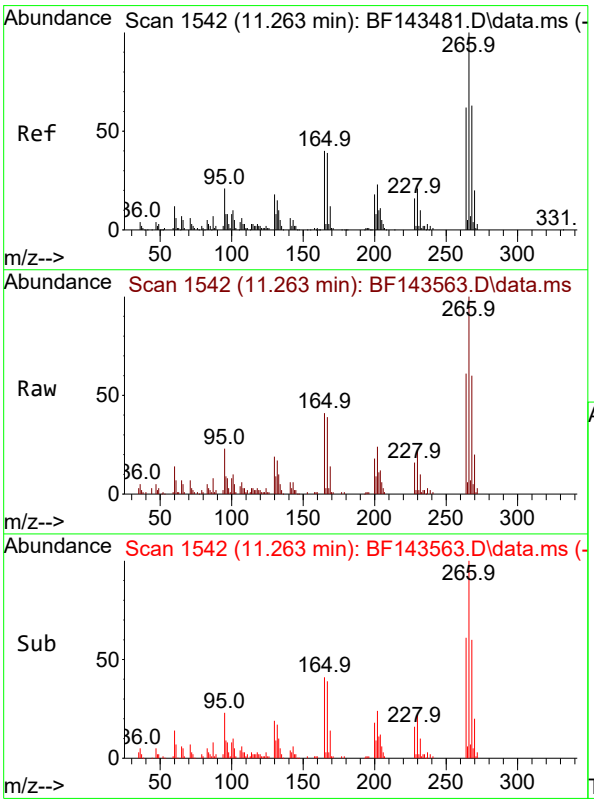
#69
Atrazine
Concen: 47.822 ng
RT: 11.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 130358

Ion	Ratio	Lower	Upper
200	100		
173	25.7	6.9	46.9
215	46.2	30.0	70.0

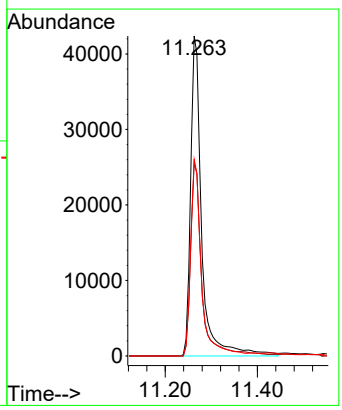


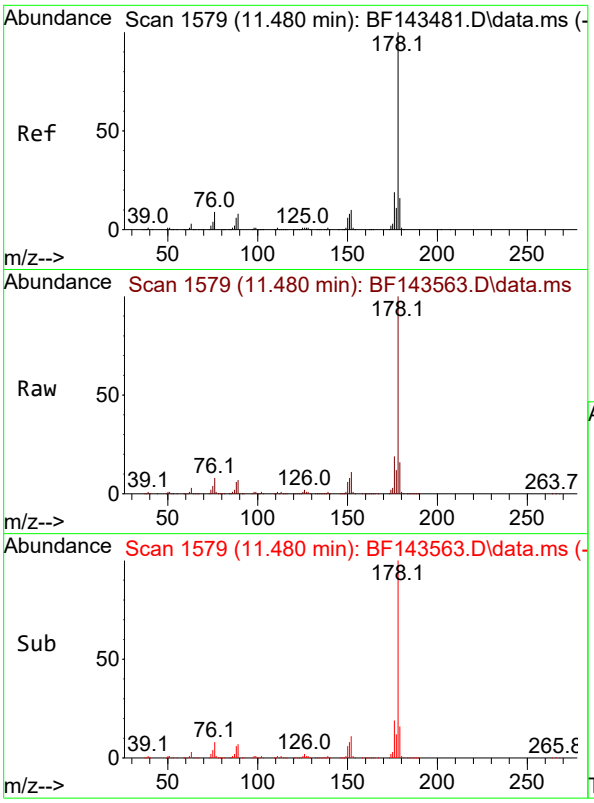


#70
Pentachlorophenol
Concen: 36.608 ng
RT: 11.263 min Scan# 1542
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:266 Resp: 70755

Ion	Ratio	Lower	Upper
266	100		
268	60.4	50.5	75.7
264	61.5	49.8	74.8



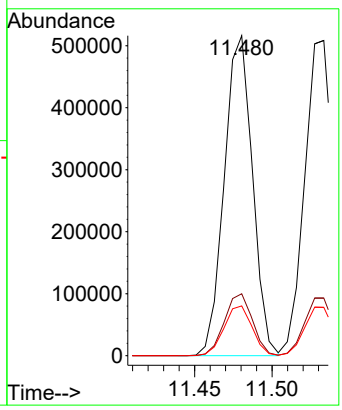


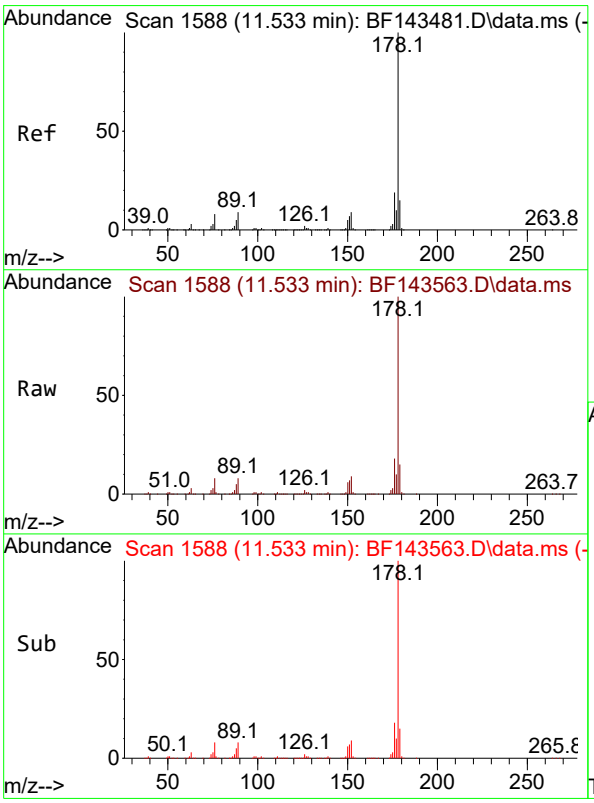
#71
Phenanthrene
Concen: 37.187 ng
RT: 11.480 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 653441

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.6	12.5	18.7

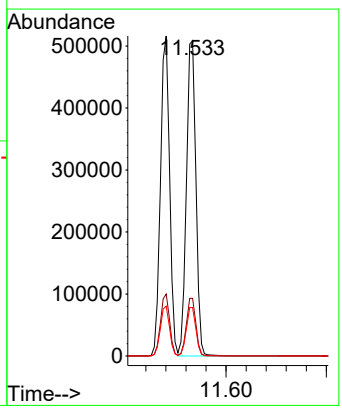


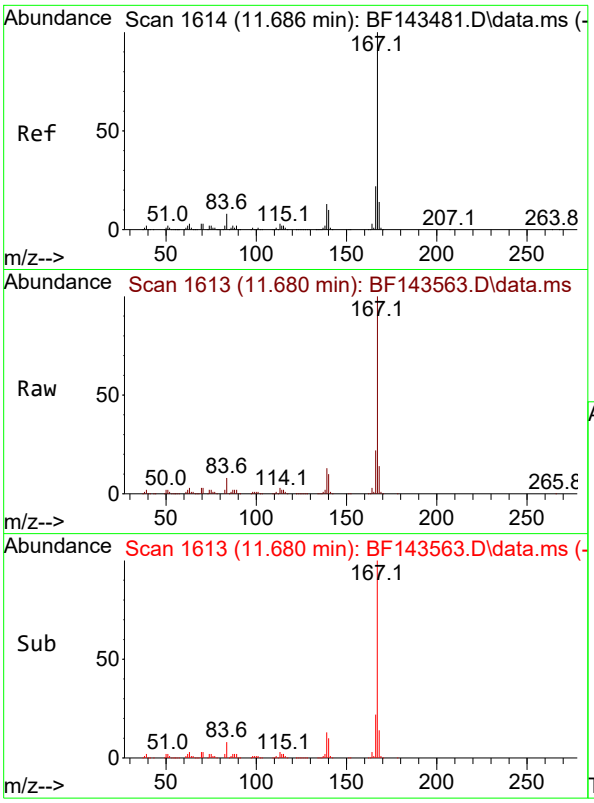


#72
Anthracene
Concen: 37.669 ng
RT: 11.533 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:178 Resp: 670563

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	15.3	12.3	18.5



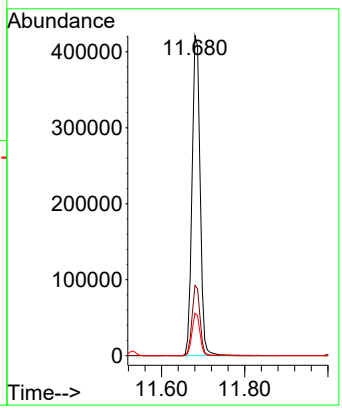


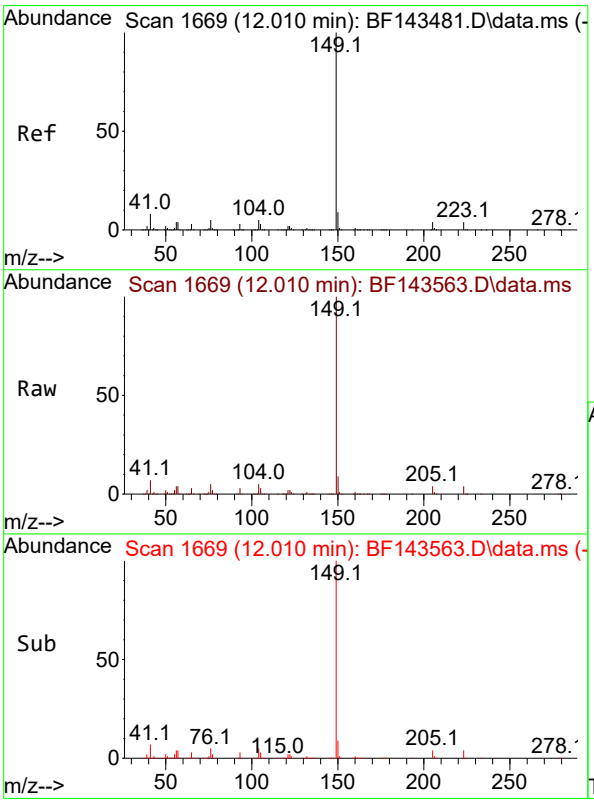
#73
Carbazole
Concen: 38.913 ng
RT: 11.680 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 567589

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.3	25.9
139	13.3	10.0	15.0

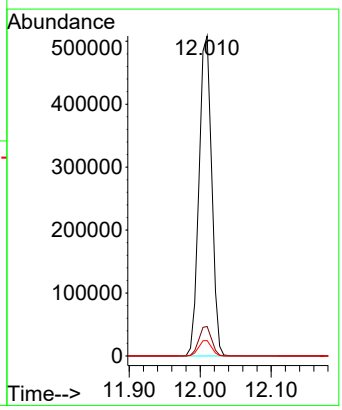


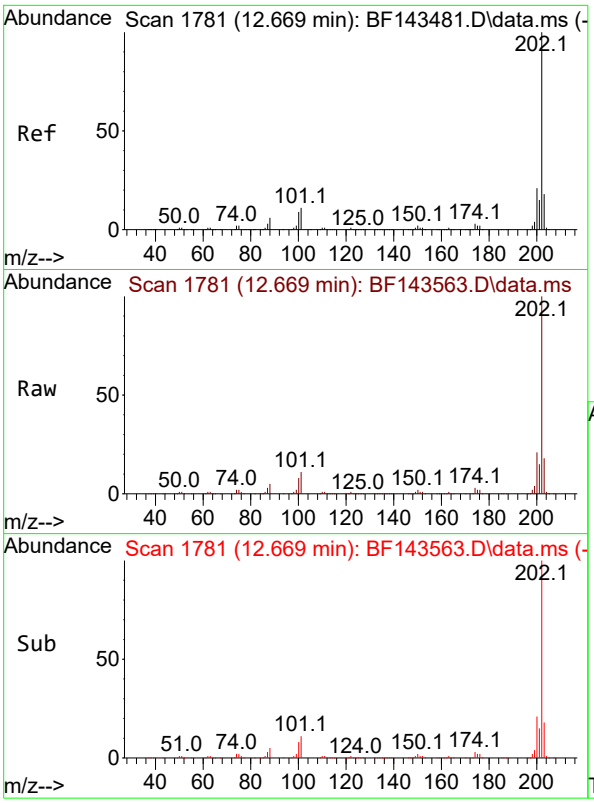


#74
Di-n-butylphthalate
Concen: 46.563 ng
RT: 12.010 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:149 Resp: 633595

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	4.8	3.6	5.4



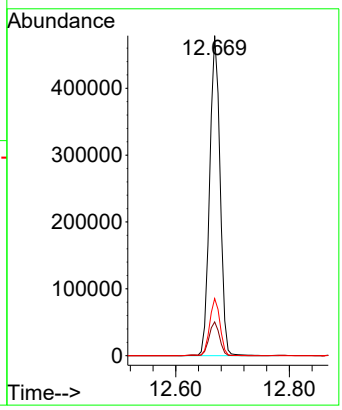


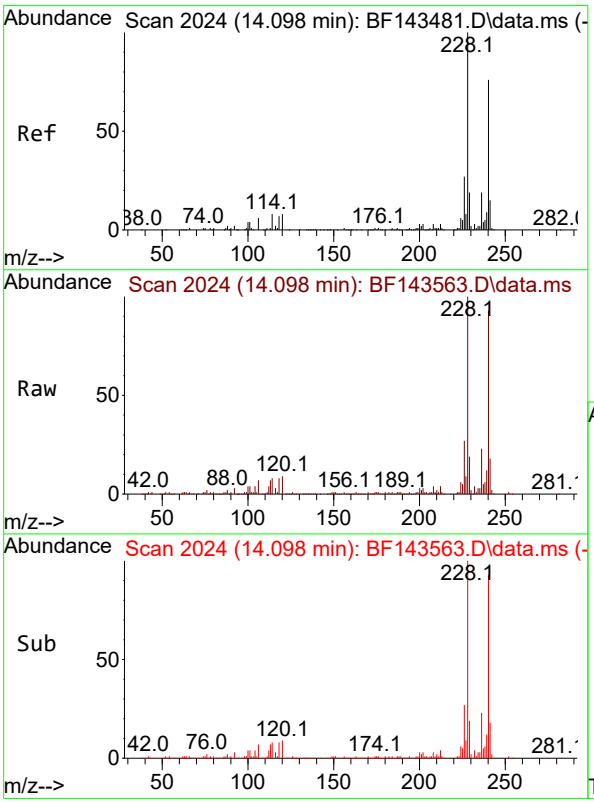
#75
Fluoranthene
Concen: 38.411 ng
RT: 12.669 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 605635

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.3
203	17.8	0.0	37.9

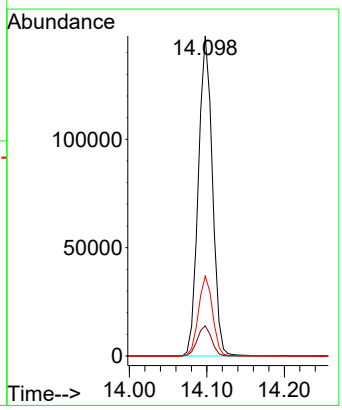


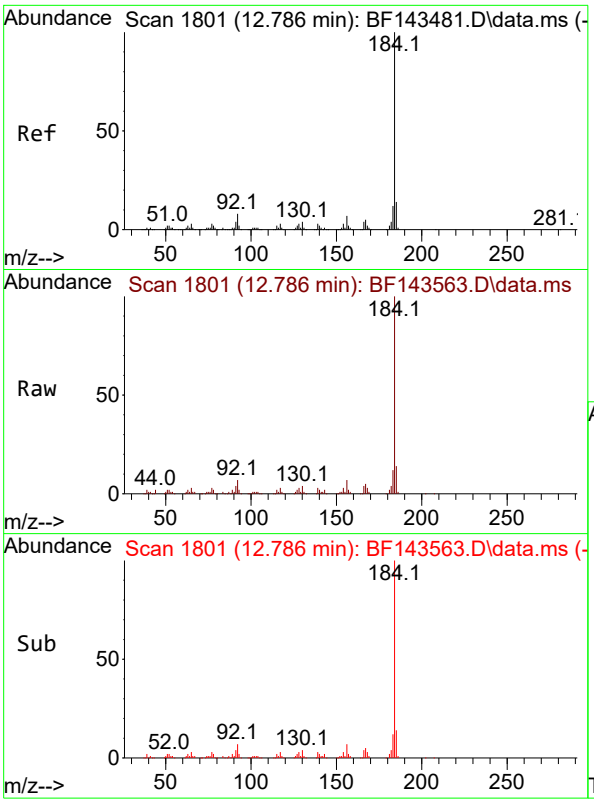


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:240 Resp: 185804

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.6	12.8
236	25.0	20.4	30.6



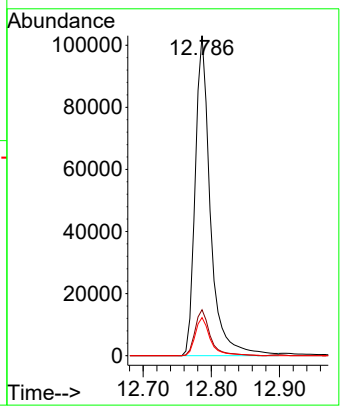


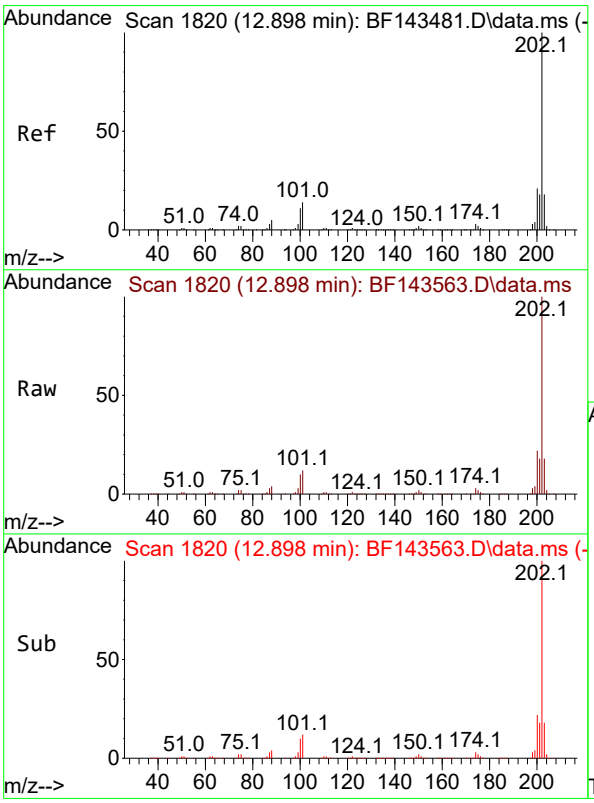
#77
Benzidine
Concen: 35.180 ng
RT: 12.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 159223

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.3	16.9
183	11.9	9.5	14.3

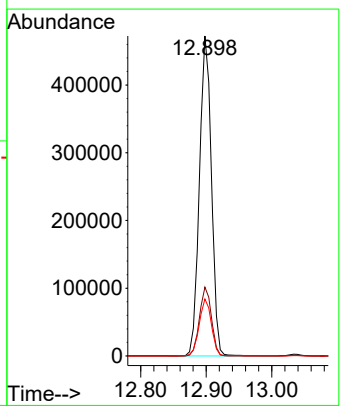


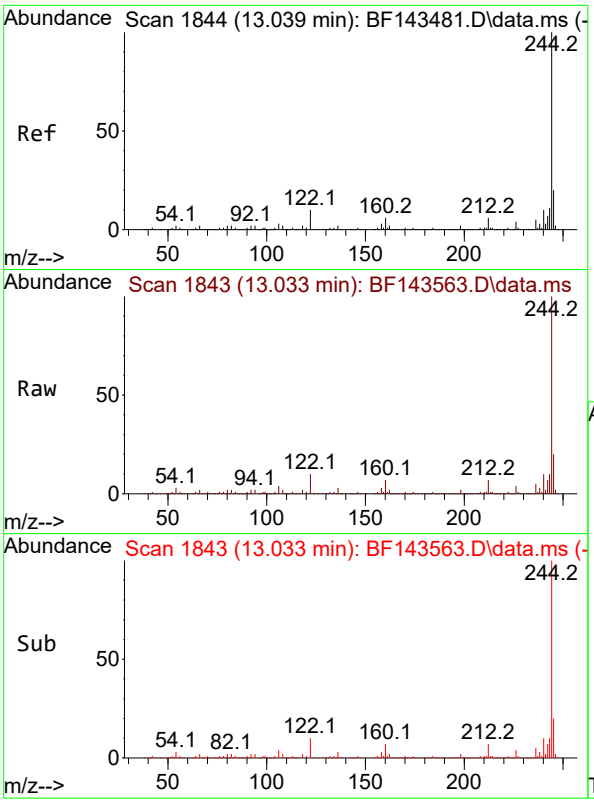


#78
Pyrene
Concen: 39.494 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:202 Resp: 603623

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.4
203	17.8	14.3	21.5



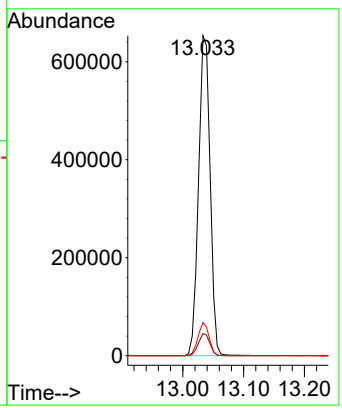


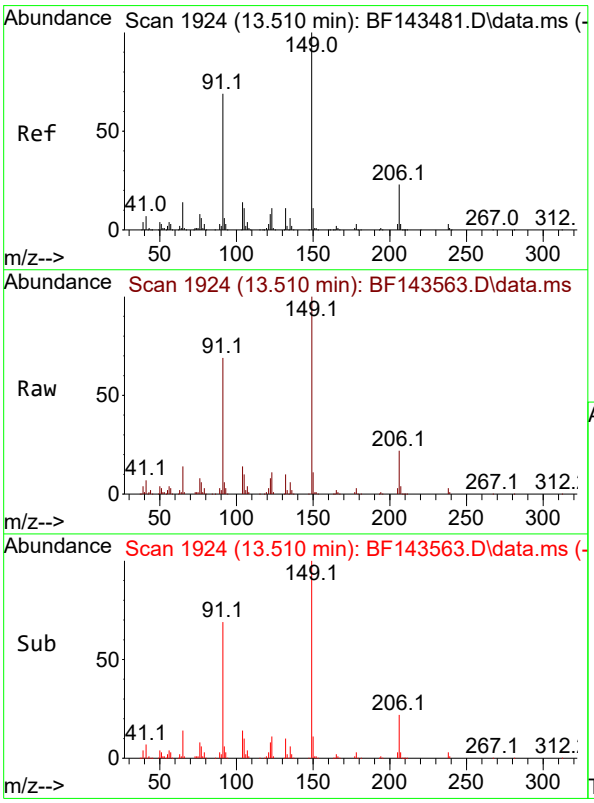
#79
Terphenyl-d14
Concen: 81.092 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 863432

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.2	7.8
122	10.3	7.9	11.9

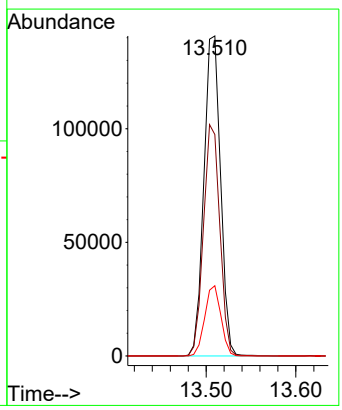


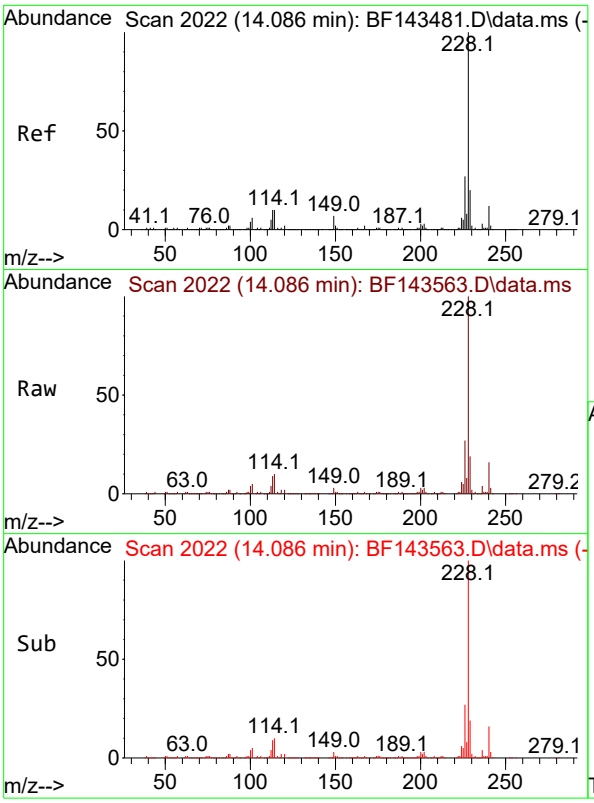


#80
Butylbenzylphthalate
Concen: 43.441 ng
RT: 13.510 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:149 Resp: 181377

Ion	Ratio	Lower	Upper
149	100		
91	69.2	55.3	82.9
206	21.9	18.2	27.4



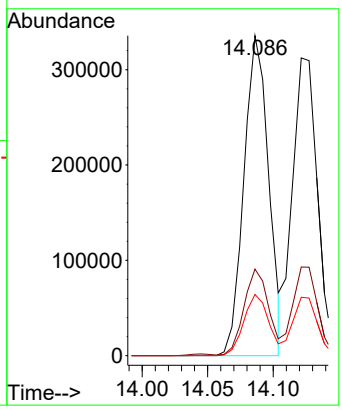


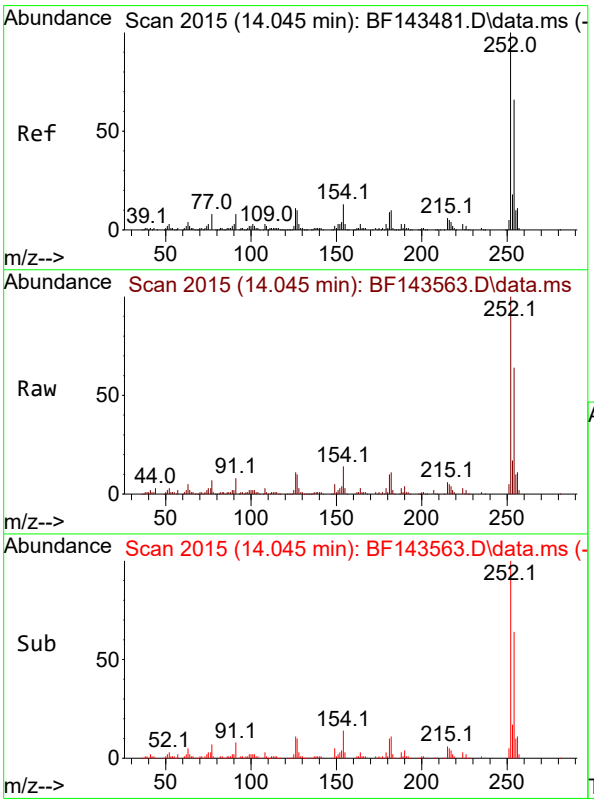
#81
Benzo(a)anthracene
Concen: 36.769 ng
RT: 14.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 439838

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.2	15.7	23.5

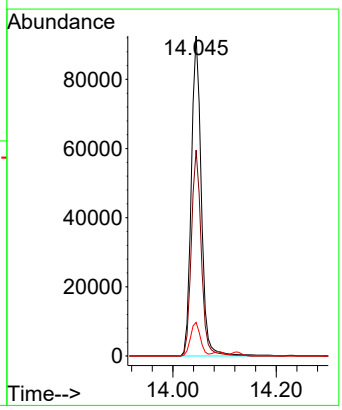


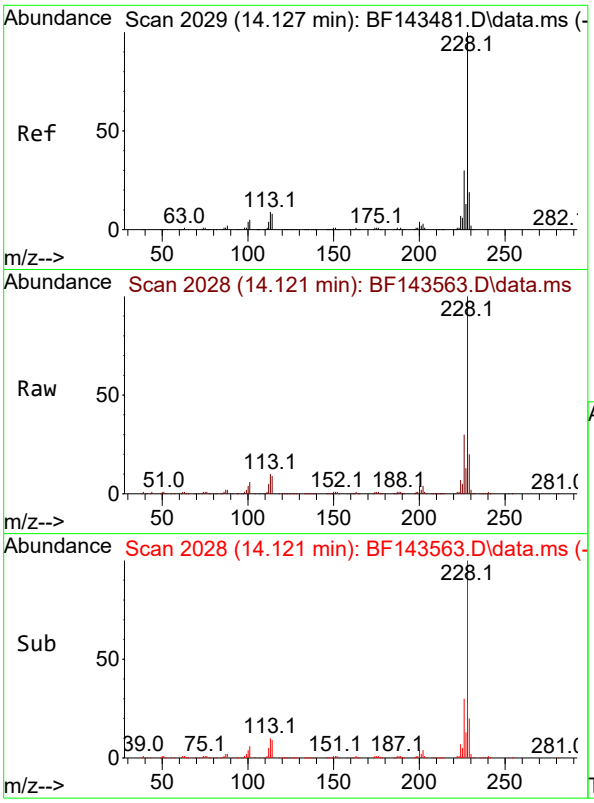


#82
3,3'-Dichlorobenzidine
Concen: 36.306 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:252 Resp: 124374

Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.6	79.0
126	10.5	8.7	13.1



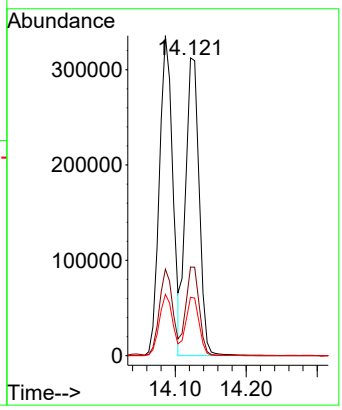


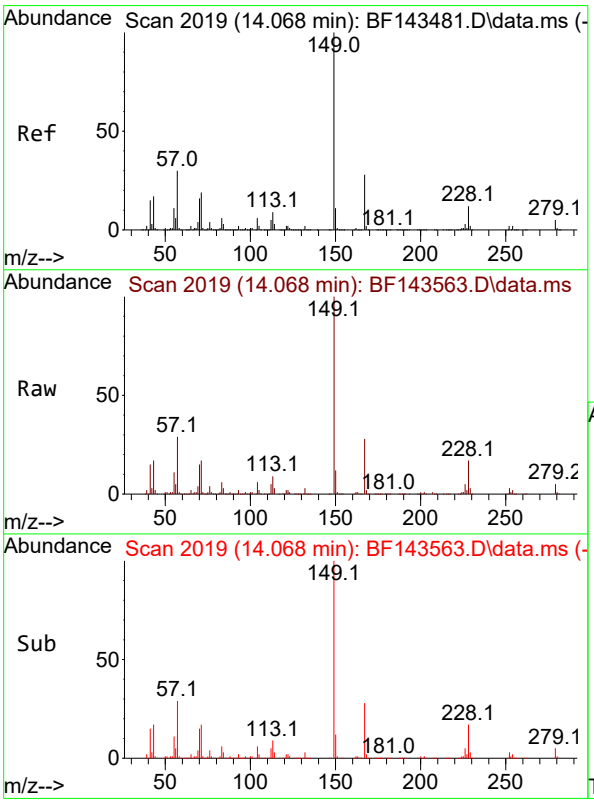
#83
Chrysene
Concen: 38.647 ng
RT: 14.121 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 415462

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.7	35.5
229	19.6	15.7	23.5

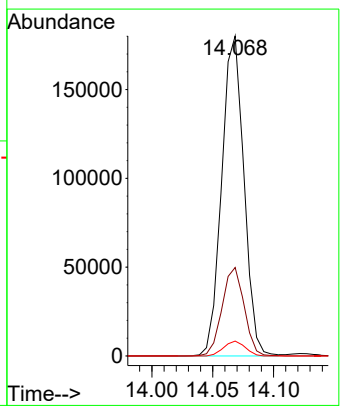


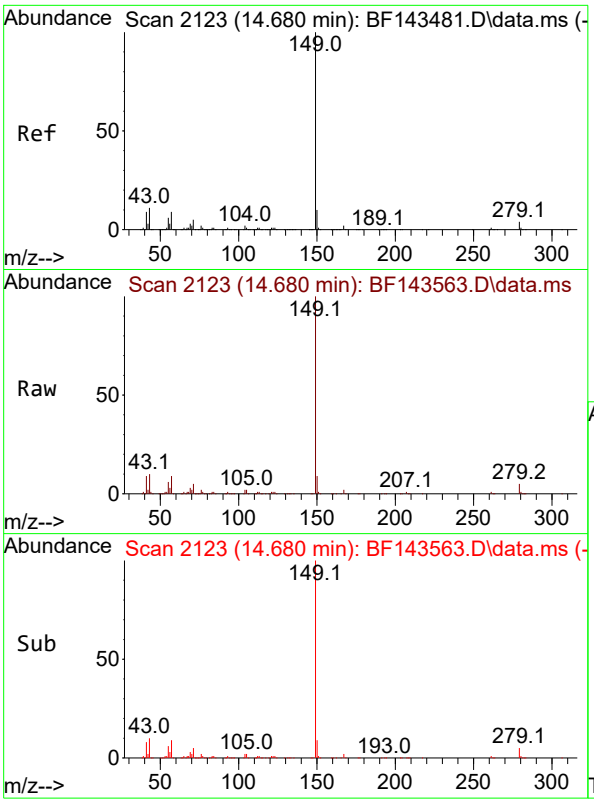


#84
Bis(2-ethylhexyl)phthalate
Concen: 36.057 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:149 Resp: 229295

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.2
279	4.7	3.6	5.4



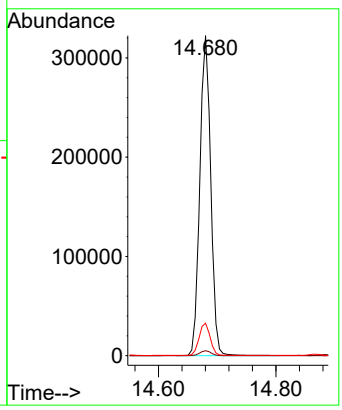


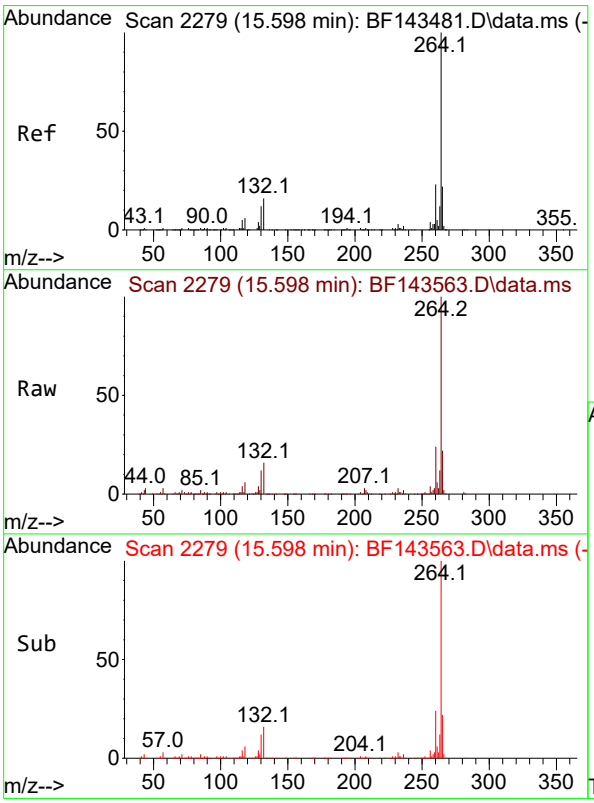
#85
Di-n-octyl phthalate
Concen: 35.168 ng
RT: 14.680 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 414295

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.3	8.5	12.7

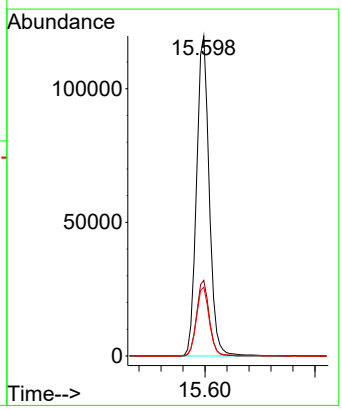


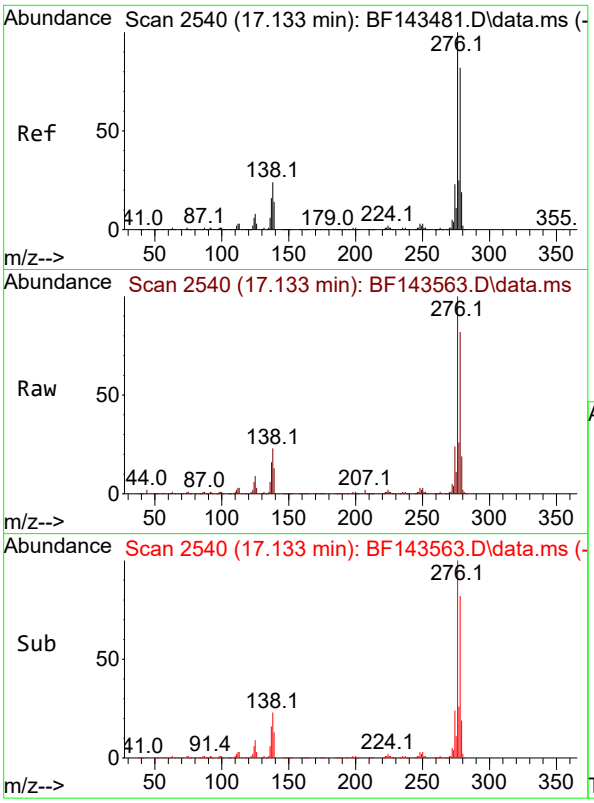


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:264 Resp: 191413

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.5	17.6	26.4



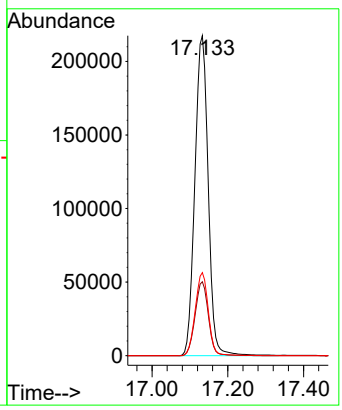


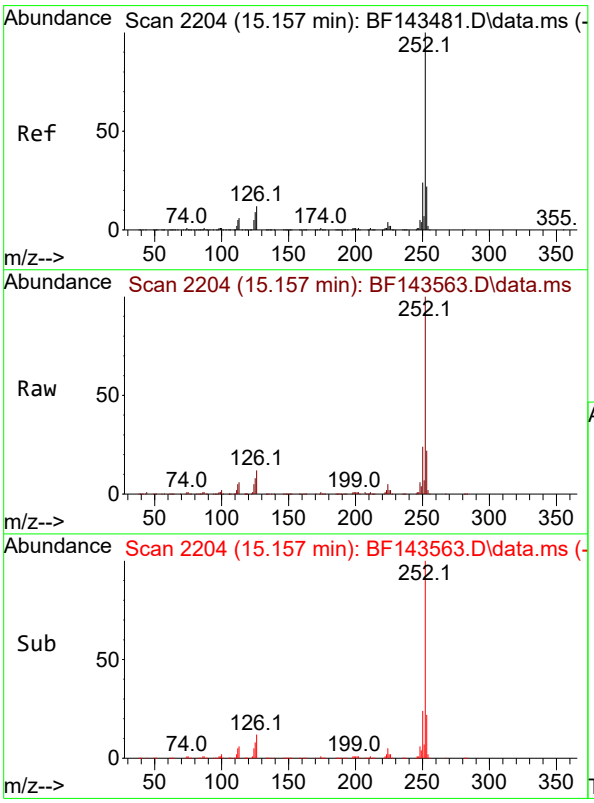
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.705 ng
RT: 17.133 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 532381

Ion	Ratio	Lower	Upper
276	100		
138	23.0	19.2	28.8
277	25.6	20.3	30.5

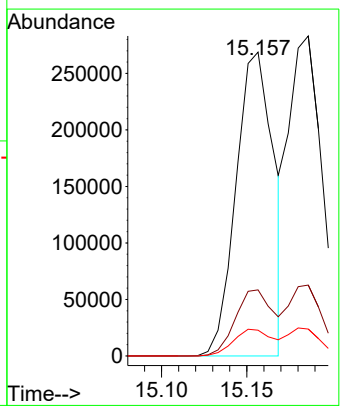


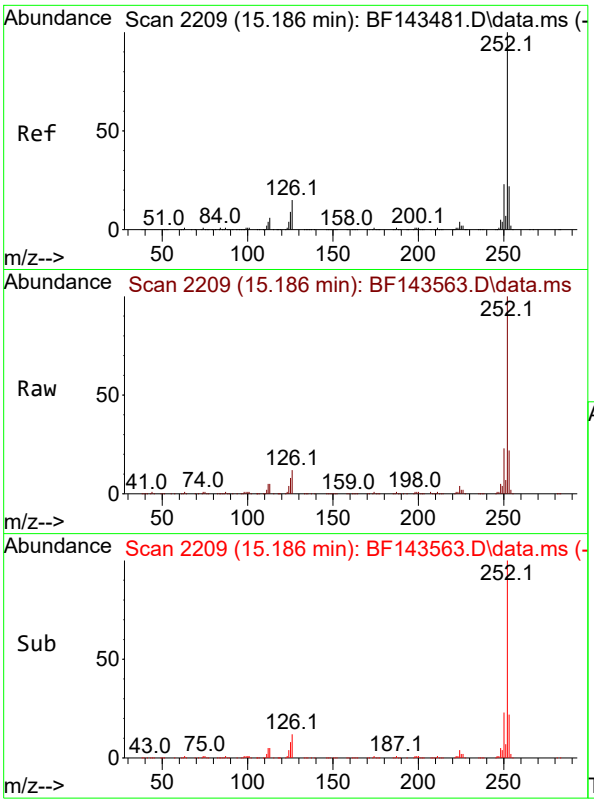


#88
Benzo(b)fluoranthene
Concen: 38.798 ng
RT: 15.157 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:252 Resp: 412810

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	8.5	7.4	11.0



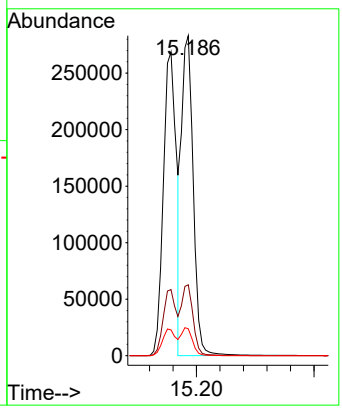


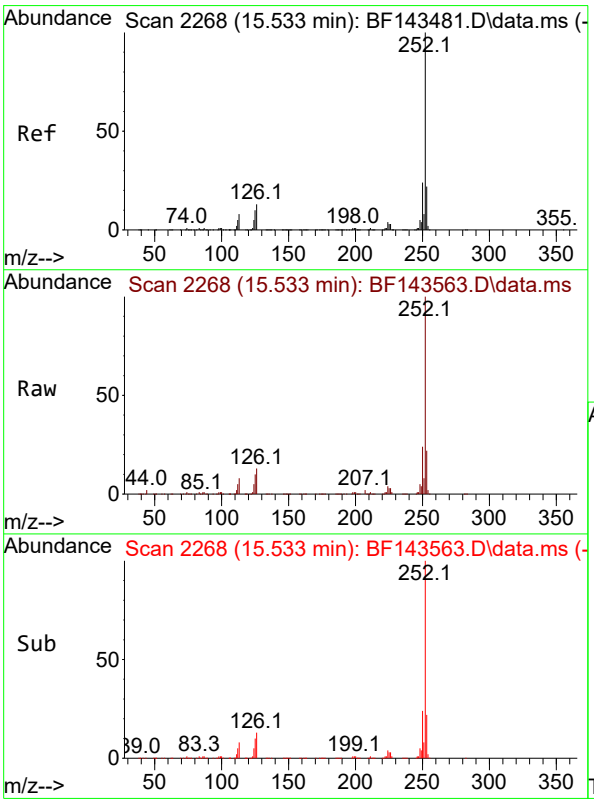
#89
Benzo(k)fluoranthene
Concen: 38.482 ng
RT: 15.186 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 392026

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	8.4	7.4	11.0

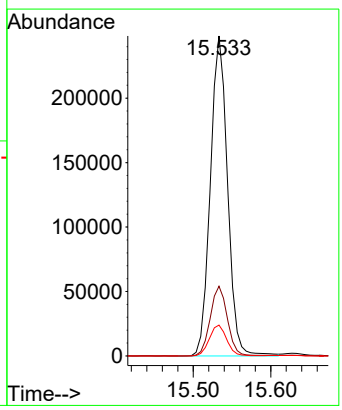


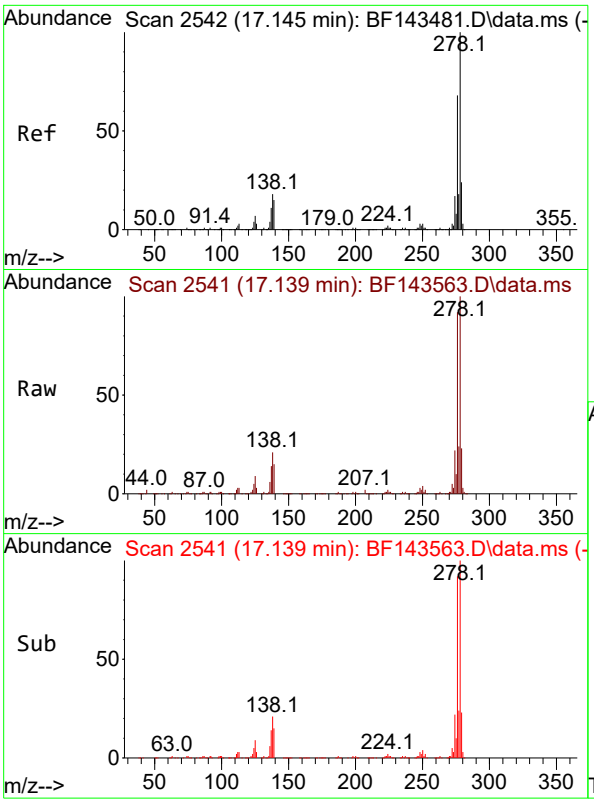


#90
Benzo(a)pyrene
Concen: 38.751 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:252 Resp: 382712

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	9.6	8.2	12.2



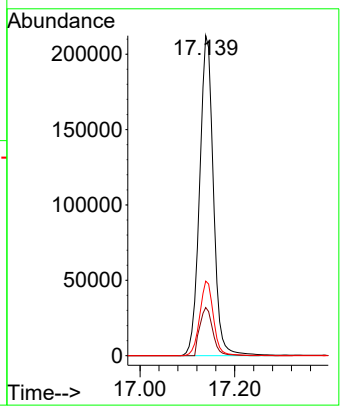


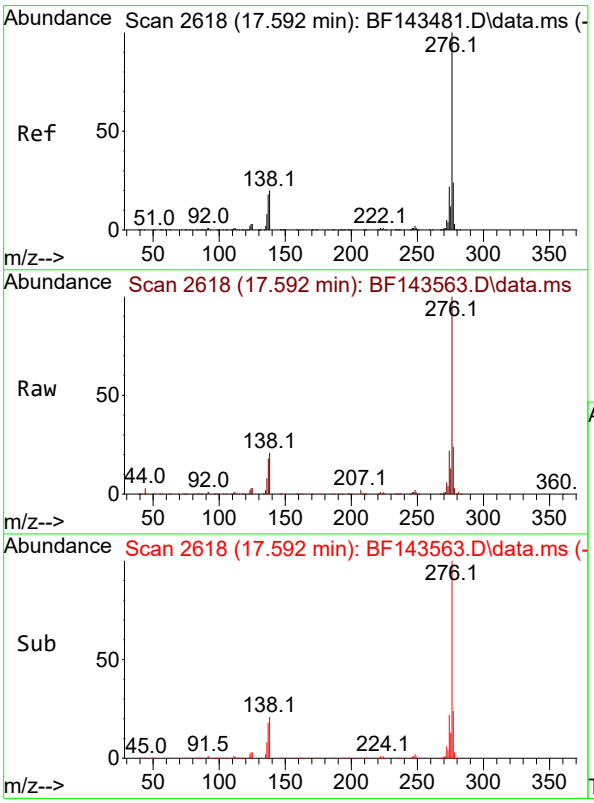
#91
Dibenzo(a,h)anthracene
Concen: 38.950 ng
RT: 17.139 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 429077

Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.1	18.1
279	23.3	19.2	28.8

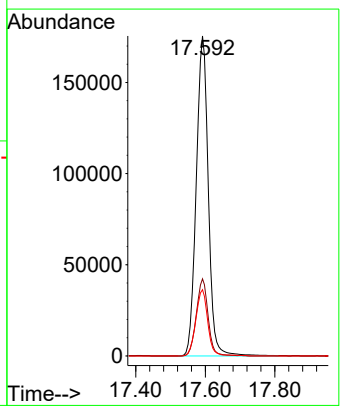




#92
Benzo(g,h,i)perylene
Concen: 38.561 ng
RT: 17.592 min Scan# 2618
Delta R.T. -0.012 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:276 Resp: 422396

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	20.7	16.3	24.5



Sample Results: **BF143563.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143563.D
Acq On : 22 Aug 2025 10:29
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 22 11:28:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	68	0.00
2		1,4-Dioxane	0.531	0.503	5.3	64	0.02
3		Pyridine	1.413	1.343	5.0	64	0.02
4		n-Nitrosodimethylamine	0.635	0.638	-0.5	68	0.00
5	S	2-Fluorophenol	1.145	1.105	3.5	66	0.00
6		Aniline	1.890	1.826	3.4	66	0.00
7	S	Phenol-d6	1.414	1.366	3.4	66	-0.01
8		2-Chlorophenol	1.265	1.220	3.6	66	0.00
9		Benzaldehyde	1.145	0.999	12.8	57	0.00
10	C	Phenol	1.629	1.599	1.8	66	-0.01
11		bis(2-Chloroethyl)ether	1.217	1.157	4.9	65	0.00
12		1,3-Dichlorobenzene	1.421	1.353	4.8	65	0.00
13	C	1,4-Dichlorobenzene	1.426	1.356	4.9	66	0.00
14		1,2-Dichlorobenzene	1.350	1.294	4.1	66	0.00
15		Benzyl Alcohol	1.059	1.096	-3.5	69	0.00
16		2,2'-oxybis(1-Chloropropane	1.947	1.762	9.5	62	0.00
17		2-Methylphenol	1.015	0.981	3.3	66	0.00
18		Hexachloroethane	0.485	0.478	1.4	67	0.00
19	P	n-Nitroso-di-n-propylamine	0.864	0.857	0.8	69	-0.02
20		3+4-Methylphenols	1.212	1.227	-1.2	69	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	70	0.00
22		Acetophenone	0.432	0.414	4.2	69	0.00
23	S	Nitrobenzene-d5	0.343	0.333	2.9	68	-0.01
24		Nitrobenzene	0.353	0.349	1.1	69	0.00
25		Isophorone	0.628	0.612	2.5	69	-0.01
26	C	2-Nitrophenol	0.173	0.169	2.3	67	0.00
27		2,4-Dimethylphenol	0.269	0.253	5.9	66	0.00
28		bis(2-Chloroethoxy)methane	0.386	0.363	6.0	66	0.00
29	C	2,4-Dichlorophenol	0.288	0.278	3.5	68	0.00
30		1,2,4-Trichlorobenzene	0.296	0.279	5.7	67	0.00
31		Naphthalene	0.960	0.899	6.4	67	0.00
32		Benzoic acid	0.137	0.131	4.4	63	-0.04
33		4-Chloroaniline	0.341	0.325	4.7	67	0.00
34	C	Hexachlorobutadiene	0.193	0.186	3.6	68	0.00
35		Caprolactam	0.069	0.078	-13.0	78	-0.03
36	C	4-Chloro-3-methylphenol	0.288	0.292	-1.4	71	0.00
37		2-Methylnaphthalene	0.641	0.610	4.8	68	0.00
38		1-Methylnaphthalene	0.613	0.585	4.6	68	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	73	0.00
40		1,2,4,5-Tetrachlorobenzene	0.572	0.527	7.9	68	0.00
41	P	Hexachlorocyclopentadiene	0.184	0.193	-4.9	71	0.00
42	S	2,4,6-Tribromophenol	0.186	0.178	4.3	69	0.00
43	C	2,4,6-Trichlorophenol	0.352	0.336	4.5	67	0.00
44		2,4,5-Trichlorophenol	0.385	0.355	7.8	68	0.00
45	S	2-Fluorobiphenyl	1.210	1.143	5.5	72	0.00
46		1,1'-Biphenyl	1.420	1.319	7.1	69	0.00
47		2-Chloronaphthalene	1.114	1.033	7.3	68	0.00

Sample Results: **BF143563.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143563.D
Acq On : 22 Aug 2025 10:29
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 22 11:28:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.326	0.330	-1.2	71	0.00
49		Acenaphthylene	1.595	1.486	6.8	69	0.00
50		Dimethylphthalate	1.205	1.196	0.7	73	0.00
51		2,6-Dinitrotoluene	0.250	0.249	0.4	70	0.00
52	C	Acenaphthene	1.083	1.038	4.2	70	0.00
53		3-Nitroaniline	0.270	0.267	1.1	70	0.00
54	P	2,4-Dinitrophenol	0.115	0.130	-13.0	79	0.00
55		Dibenzofuran	1.544	1.440	6.7	69	0.00
56	P	4-Nitrophenol	0.161	0.193	-19.9	82	0.00
57		2,4-Dinitrotoluene	0.333	0.338	-1.5	70	0.00
58		Fluorene	1.188	1.122	5.6	71	0.00
59		2,3,4,6-Tetrachlorophenol	0.286	0.274	4.2	67	0.00
60		Diethylphthalate	1.080	1.129	-4.5	76	0.00
61		4-Chlorophenyl-phenylether	0.594	0.562	5.4	70	0.00
62		4-Nitroaniline	0.248	0.264	-6.5	75	-0.01
63		Azobenzene	1.120	1.096	2.1	71	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	75	0.00
65		4,6-Dinitro-2-methylphenol	0.113	0.102	9.7	64	0.00
66	c	n-Nitrosodiphenylamine	0.644	0.599	7.0	70	0.00
67		4-Bromophenyl-phenylether	0.239	0.222	7.1	69	0.00
68		Hexachlorobenzene	0.257	0.239	7.0	70	0.00
69		Atrazine	0.166	0.199	-19.9	89	0.00
70	C	Pentachlorophenol	0.118	0.108	8.5	65	0.00
71		Phenanthrene	1.071	0.996	7.0	72	0.00
72		Anthracene	1.085	1.022	5.8	72	0.00
73		Carbazole	0.889	0.865	2.7	74	0.00
74		Di-n-butylphthalate	0.829	0.965	-16.4	86	0.00
75	C	Fluoranthene	0.961	0.923	4.0	73	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	74	0.00
77		Benzidine	0.487	0.428	12.1	62	0.00
78		Pyrene	1.645	1.624	1.3	74	0.00
79	S	Terphenyl-d14	1.146	1.162	-1.4	76	0.00
80		Butylbenzylphthalate	0.449	0.488	-8.7	78	0.00
81		Benzo(a)anthracene	1.288	1.184	8.1	67	0.00
82		3,3'-Dichlorobenzidine	0.369	0.335	9.2	67	0.00
83		Chrysene	1.157	1.118	3.4	75	0.00
84		Bis(2-ethylhexyl)phthalate	0.685	0.617	9.9	65	0.00
85	c	Di-n-octyl phthalate	1.268	1.115	12.1	64	0.00
86	I	Perylene-d12	1.000	1.000	0.0	66	0.00
87		Indeno(1,2,3-cd)pyrene	1.437	1.391	3.2	64	0.00
88		Benzo(b)fluoranthene	1.112	1.078	3.1	67	0.00
89		Benzo(k)fluoranthene	1.064	1.024	3.8	63	0.00
90	C	Benzo(a)pyrene	1.032	1.000	3.1	64	0.00
91		Dibenzo(a,h)anthracene	1.151	1.121	2.6	64	-0.02
92		Benzo(g,h,i)perylene	1.145	1.103	3.7	63	-0.01

Sample Results: **BF143563.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143563.D
Acq On : 22 Aug 2025 10:29
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 22 11:28:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sample Results: **BF143563.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143563.D
Acq On : 22 Aug 2025 10:29
Operator : RC/JU
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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	68	0.00
2		1,4-Dioxane	40.000	37.951	5.1	64	0.02
3		Pyridine	40.000	38.012	5.0	64	0.02
4		n-Nitrosodimethylamine	40.000	40.197	-0.5	68	0.00
5	S	2-Fluorophenol	80.000	77.212	3.5	66	0.00
6		Aniline	40.000	38.657	3.4	66	0.00
7	S	Phenol-d6	80.000	77.272	3.4	66	-0.01
8		2-Chlorophenol	40.000	38.580	3.6	66	0.00
9		Benzaldehyde	40.000	34.892	12.8	57	0.00
10	C	Phenol	40.000	39.257	1.9	66	-0.01
11		bis(2-Chloroethyl)ether	40.000	38.008	5.0	65	0.00
12		1,3-Dichlorobenzene	40.000	38.063	4.8	65	0.00
13	C	1,4-Dichlorobenzene	40.000	38.042	4.9	66	0.00
14		1,2-Dichlorobenzene	40.000	38.355	4.1	66	0.00
15		Benzyl Alcohol	40.000	41.421	-3.6	69	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	36.186	9.5	62	0.00
17		2-Methylphenol	40.000	38.635	3.4	66	0.00
18		Hexachloroethane	40.000	39.449	1.4	67	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.668	0.8	69	-0.02
20		3+4-Methylphenols	40.000	40.476	-1.2	69	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	70	0.00
22		Acetophenone	40.000	38.355	4.1	69	0.00
23	S	Nitrobenzene-d5	80.000	77.782	2.8	68	-0.01
24		Nitrobenzene	40.000	39.590	1.0	69	0.00
25		Isophorone	40.000	38.976	2.6	69	-0.01
26	C	2-Nitrophenol	40.000	39.181	2.0	67	0.00
27		2,4-Dimethylphenol	40.000	37.645	5.9	66	0.00
28		bis(2-Chloroethoxy)methane	40.000	37.644	5.9	66	0.00
29	C	2,4-Dichlorophenol	40.000	38.661	3.3	68	0.00
30		1,2,4-Trichlorobenzene	40.000	37.756	5.6	67	0.00
31		Naphthalene	40.000	37.471	6.3	67	0.00
32		Benzoic acid	40.000	35.831	10.4	63	-0.04
33		4-Chloroaniline	40.000	38.155	4.6	67	0.00
34	C	Hexachlorobutadiene	40.000	38.527	3.7	68	0.00
35		Caprolactam	40.000	45.461	-13.7	78	-0.03
36	C	4-Chloro-3-methylphenol	40.000	40.475	-1.2	71	0.00
37		2-Methylnaphthalene	40.000	38.072	4.8	68	0.00
38		1-Methylnaphthalene	40.000	38.168	4.6	68	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	73	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	36.876	7.8	68	0.00
41	P	Hexachlorocyclopentadiene	40.000	38.369	4.1	71	0.00
42	S	2,4,6-Tribromophenol	80.000	76.683	4.1	69	0.00
43	C	2,4,6-Trichlorophenol	40.000	38.169	4.6	67	0.00
44		2,4,5-Trichlorophenol	40.000	36.925	7.7	68	0.00
45	S	2-Fluorobiphenyl	80.000	75.534	5.6	72	0.00
46		1,1'-Biphenyl	40.000	37.179	7.1	69	0.00
47		2-Chloronaphthalene	40.000	37.092	7.3	68	0.00

Sample Results: **BF143563.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143563.D
Acq On : 22 Aug 2025 10:29
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 22 11:28:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	40.507	-1.3	71	0.00
49		Acenaphthylene	40.000	37.277	6.8	69	0.00
50		Dimethylphthalate	40.000	39.712	0.7	73	0.00
51		2,6-Dinitrotoluene	40.000	39.929	0.2	70	0.00
52	C	Acenaphthene	40.000	38.353	4.1	70	0.00
53		3-Nitroaniline	40.000	39.543	1.1	70	0.00
54	P	2,4-Dinitrophenol	40.000	41.606	-4.0	79	0.00
55		Dibenzofuran	40.000	37.307	6.7	69	0.00
56	P	4-Nitrophenol	40.000	48.174	-20.4	82	0.00
57		2,4-Dinitrotoluene	40.000	40.578	-1.4	70	0.00
58		Fluorene	40.000	37.774	5.6	71	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	38.429	3.9	67	0.00
60		Diethylphthalate	40.000	41.829	-4.6	76	0.00
61		4-Chlorophenyl-phenylether	40.000	37.842	5.4	70	0.00
62		4-Nitroaniline	40.000	42.593	-6.5	75	-0.01
63		Azobenzene	40.000	39.156	2.1	71	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	75	0.00
65		4,6-Dinitro-2-methylphenol	40.000	36.050	9.9	64	0.00
66	c	n-Nitrosodiphenylamine	40.000	37.253	6.9	70	0.00
67		4-Bromophenyl-phenylether	40.000	37.205	7.0	69	0.00
68		Hexachlorobenzene	40.000	37.098	7.3	70	0.00
69		Atrazine	40.000	47.822	-19.6	89	0.00
70	C	Pentachlorophenol	40.000	36.608	8.5	65	0.00
71		Phenanthrene	40.000	37.187	7.0	72	0.00
72		Anthracene	40.000	37.669	5.8	72	0.00
73		Carbazole	40.000	38.913	2.7	74	0.00
74		Di-n-butylphthalate	40.000	46.563	-16.4	86	0.00
75	C	Fluoranthene	40.000	38.411	4.0	73	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	74	0.00
77		Benzidine	40.000	35.180	12.1	62	0.00
78		Pyrene	40.000	39.494	1.3	74	0.00
79	S	Terphenyl-d14	80.000	81.092	-1.4	76	0.00
80		Butylbenzylphthalate	40.000	43.441	-8.6	78	0.00
81		Benzo(a)anthracene	40.000	36.769	8.1	67	0.00
82		3,3'-Dichlorobenzidine	40.000	36.306	9.2	67	0.00
83		Chrysene	40.000	38.647	3.4	75	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	36.057	9.9	65	0.00
85	c	Di-n-octyl phthalate	40.000	35.168	12.1	64	0.00
86	I	Perylene-d12	20.000	20.000	0.0	66	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	38.705	3.2	64	0.00
88		Benzo(b)fluoranthene	40.000	38.798	3.0	67	0.00
89		Benzo(k)fluoranthene	40.000	38.482	3.8	63	0.00
90	C	Benzo(a)pyrene	40.000	38.751	3.1	64	0.00
91		Dibenzo(a,h)anthracene	40.000	38.950	2.6	64	-0.02
92		Benzo(g,h,i)perylene	40.000	38.561	3.6	63	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143563.D
Acq On : 22 Aug 2025 10:29
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 22 11:28:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data: **BF143596.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: AECO02

Lab Code: ACE SDG No.: Q2924

Instrument ID: BNA_F Calibration Date/Time: 08/27/2025 09:16

Lab File ID: BF143596.D Init. Calib. Date(s): 08/26/2025 08/26/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:11 12:32

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.175	1.200		2.1	
Benzaldehyde	1.095	1.252		14.3	
Phenol-d6	1.455	1.474		1.3	
Phenol	1.632	1.764		8.1	20.0
bis(2-Chloroethyl)ether	1.251	1.256		0.4	
2-Chlorophenol	1.243	1.295		4.2	
2-Methylphenol	1.055	1.066		1.0	
2,2-oxybis(1-Chloropropane)	2.309	2.190		-5.2	
Acetophenone	0.450	0.451		0.2	
3+4-Methylphenols	1.296	1.370		5.7	
n-Nitroso-di-n-propylamine	0.922	0.915	0.050	-0.8	
Nitrobenzene-d5	0.280	0.318		13.6	
Hexachloroethane	0.458	0.487		6.3	
Nitrobenzene	0.300	0.351		17.0	
Isophorone	0.656	0.659		0.5	
2-Nitrophenol	0.101	0.136		34.7	20.0
2,4-Dimethylphenol	0.285	0.296		3.9	
bis(2-Chloroethoxy)methane	0.397	0.401		1.0	
2,4-Dichlorophenol	0.275	0.294		6.9	20.0
Naphthalene	0.966	0.981		1.6	
4-Chloroaniline	0.341	0.352		3.2	
Hexachlorobutadiene	0.181	0.186		2.8	20.0
Caprolactam	0.078	0.086		10.3	
4-Chloro-3-methylphenol	0.287	0.303		5.6	20.0
2-Methylnaphthalene	0.638	0.651		2.0	
Hexachlorocyclopentadiene	0.256	0.275	0.050	7.4	
2,4,6-Trichlorophenol	0.344	0.359		4.4	20.0
2-Fluorobiphenyl	1.170	1.158		-1.0	
2,4,5-Trichlorophenol	0.347	0.387		11.5	
1,1-Biphenyl	1.388	1.375		-0.9	
2-Chloronaphthalene	1.096	1.113		1.6	
2-Nitroaniline	0.247	0.328		32.8	
Dimethylphthalate	1.230	1.274		3.6	
Acenaphthylene	1.595	1.622		1.7	
2,6-Dinitrotoluene	0.163	0.229		40.5	
3-Nitroaniline	0.201	0.274		36.3	
Acenaphthene	1.045	1.066		2.0	20.0
2,4-Dinitrophenol	0.054	0.068	0.050	25.9	
4-Nitrophenol	0.182	0.219	0.050	20.3	

Raw Data: **BF143596.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	AECO02
Lab Code:	ACE	SDG No.:	Q2924
Instrument ID:	BNA_F	Calibration Date/Time:	08/27/2025 09:16
Lab File ID:	BF143596.D	Init. Calib. Date(s):	08/26/2025 08/26/2025
EPA Sample No.:	SSTDCCC040	Init. Calib. Time(s):	09:11 12:32

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.532	1.562		2.0	
2,4-Dinitrotoluene	0.213	0.308		44.6	
Diethylphthalate	1.153	1.218		5.6	
4-Chlorophenyl-phenylether	0.562	0.566		0.7	
Fluorene	1.150	1.146		-0.3	
4-Nitroaniline	0.196	0.264		34.7	
4,6-Dinitro-2-methylphenol	0.057	0.073		28.1	
n-Nitrosodiphenylamine	0.636	0.634		-0.3	20.0
2,4,6-Tribromophenol	0.156	0.181		16.0	
4-Bromophenyl-phenylether	0.216	0.220		1.9	
Hexachlorobenzene	0.231	0.236		2.2	
Atrazine	0.183	0.197		7.7	
Pentachlorophenol	0.132	0.147		11.4	20.0
Phenanthrene	1.071	1.067		-0.4	
Anthracene	1.079	1.085		0.6	
Carbazole	0.933	0.966		3.5	
Di-n-butylphthalate	0.950	1.072		12.8	
Fluoranthene	0.978	1.026		4.9	20.0
Pyrene	1.674	1.787		6.8	
Terphenyl-d14	1.115	1.214		8.9	
Butylbenzylphthalate	0.398	0.493		23.9	
3,3-Dichlorobenzidine	0.337	0.364		8.0	
Benzo(a)anthracene	1.258	1.278		1.6	
Chrysene	1.173	1.229		4.8	
Bis(2-ethylhexyl)phthalate	0.528	0.593		12.3	
Di-n-octyl phthalate	1.017	0.974		-4.2	20.0
Benzo(b)fluoranthene	1.143	1.127		-1.4	
Benzo(k)fluoranthene	1.068	1.128		5.6	
Benzo(a)pyrene	1.010	1.052		4.2	20.0
Indeno(1,2,3-cd)pyrene	1.361	1.495		9.8	
Dibenzo(a,h)anthracene	1.114	1.224		9.9	
Benzo(g,h,i)perylene	1.103	1.199		8.7	
1,2,4,5-Tetrachlorobenzene	0.520	0.531		2.1	
1,4-Dioxane	0.575	0.578		0.5	20.0
2,3,4,6-Tetrachlorophenol	0.257	0.297		15.6	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143596.D
Acq On : 27 Aug 2025 09:16
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 27 11:28:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	115923	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	446099	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	249607	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	402587	20.000	ng	0.00
76) Chrysene-d12	14.051	240	235836	20.000	ng	0.00
86) Perylene-d12	15.521	264	227679	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	556461	81.699	ng	0.00
7) Phenol-d6	6.510	99	683534	81.026	ng	0.00
23) Nitrobenzene-d5	7.457	82	568123	90.932	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	181203	92.831	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1155930	79.179	ng	0.00
79) Terphenyl-d14	12.998	244	1144918	87.117	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	133978	40.208	ng	98
3) Pyridine	3.440	79	358456	42.840	ng	97
4) n-Nitrosodimethylamine	3.387	42	154787	38.876	ng	95
6) Aniline	6.557	93	478803	40.656	ng	99
8) 2-Chlorophenol	6.675	128	300149	41.653	ng	98
9) Benzaldehyde	6.445	77	290282	45.731	ng	99
10) Phenol	6.522	94	382065m	40.382	ng	
11) bis(2-Chloroethyl)ether	6.628	93	291150	40.158	ng	98
12) 1,3-Dichlorobenzene	6.834	146	338512	40.896	ng	99
13) 1,4-Dichlorobenzene	6.910	146	335275	40.170	ng	99
14) 1,2-Dichlorobenzene	7.063	146	318980	40.291	ng	99
15) Benzyl Alcohol	7.028	79	262507	41.521	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	507766	37.942	ng	99
17) 2-Methylphenol	7.134	107	247155	40.402	ng	99
18) Hexachloroethane	7.410	117	112931	42.583	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	212079	39.684	ng	98
20) 3+4-Methylphenols	7.287	107	317550	42.265	ng	91
22) Acetophenone	7.298	105	402494	40.063	ng	98
24) Nitrobenzene	7.475	77	312890	46.712	ng	99
25) Isophorone	7.710	82	588016	40.217	ng	100
26) 2-Nitrophenol	7.787	139	121681	45.257	ng	99
27) 2,4-Dimethylphenol	7.816	122	264156	41.524	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	358118	40.484	ng	100
29) 2,4-Dichlorophenol	8.022	162	262199	42.779	ng	100
30) 1,2,4-Trichlorobenzene	8.116	180	264008	41.254	ng	99
31) Naphthalene	8.198	128	875202	40.607	ng	99
32) Benzoic acid	7.910	122	137557	43.721	ng	96
33) 4-Chloroaniline	8.239	127	314477	41.301	ng	99
34) Hexachlorobutadiene	8.316	225	165584	41.062	ng	99
35) Caprolactam	8.610	113	77172	44.319	ng	93
36) 4-Chloro-3-methylphenol	8.710	107	270157	42.159	ng	99
37) 2-Methylnaphthalene	8.886	142	580714	40.799	ng	99
38) 1-Methylnaphthalene	8.986	142	562020	40.913	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	264898	40.801	ng	98
41) Hexachlorocyclopentadiene	9.039	237	137223	42.964	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	179121	41.751	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143596.D
Acq On : 27 Aug 2025 09:16
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 27 11:28:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration

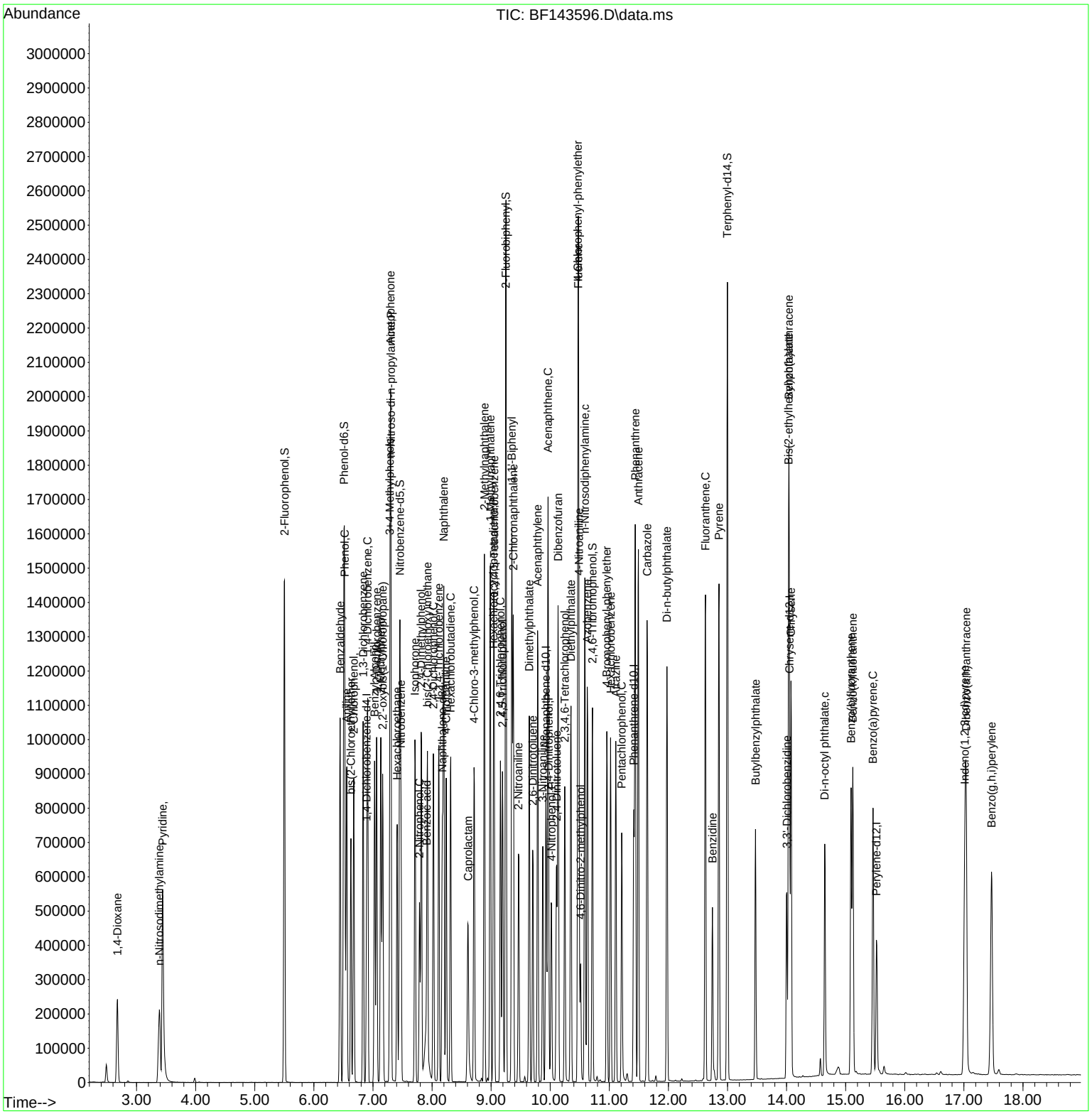
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	193124	44.549	ng		99
46) 1,1'-Biphenyl	9.351	154	686435	39.634	ng		99
47) 2-Chloronaphthalene	9.375	162	555641	40.613	ng		99
48) 2-Nitroaniline	9.463	65	163988	43.589	ng		98
49) Acenaphthylene	9.786	152	809737	40.678	ng		99
50) Dimethylphthalate	9.645	163	636027	41.427	ng		100
51) 2,6-Dinitrotoluene	9.704	165	114167	44.643	ng		99
52) Acenaphthene	9.963	154	532271	40.821	ng		99
53) 3-Nitroaniline	9.875	138	136751	45.175	ng	#	98
54) 2,4-Dinitrophenol	9.975	184	34191	45.529	ng	#	27
55) Dibenzofuran	10.133	168	779941	40.798	ng		99
56) 4-Nitrophenol	10.022	139	109464	43.975	ng		98
57) 2,4-Dinitrotoluene	10.110	165	153817	45.684	ng		97
58) Fluorene	10.475	166	572204	39.866	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	148295	46.269	ng		99
60) Diethylphthalate	10.351	149	607854	42.247	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	282649	40.265	ng		99
62) 4-Nitroaniline	10.486	138	131575	46.227	ng		98
63) Azobenzene	10.628	77	598241	41.009	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	59083	45.069	ng		92
66) n-Nitrosodiphenylamine	10.586	169	510385	39.857	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	176974	40.641	ng		96
68) Hexachlorobenzene	11.022	284	190212	40.837	ng		97
69) Atrazine	11.110	200	158566	43.078	ng		100
70) Pentachlorophenol	11.210	266	118542	44.544	ng		100
71) Phenanthrene	11.439	178	859003	39.851	ng		100
72) Anthracene	11.492	178	873931	40.232	ng		100
73) Carbazole	11.639	167	777810	41.423	ng		99
74) Di-n-butylphthalate	11.975	149	863394	45.144	ng		100
75) Fluoranthene	12.627	202	826266	41.982	ng		98
77) Benzidine	12.745	184	267324	49.234	ng		99
78) Pyrene	12.857	202	842894	42.706	ng		100
80) Butylbenzylphthalate	13.474	149	232746	42.234	ng		98
81) Benzo(a)anthracene	14.039	228	602700	40.621	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	171725	43.169	ng		98
83) Chrysene	14.074	228	579917	41.939	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	279680	39.368	ng		99
85) Di-n-octyl phthalate	14.645	149	459386	35.945	ng		98
87) Indeno(1,2,3-cd)pyrene	17.015	276	680968	43.961	ng		99
88) Benzo(b)fluoranthene	15.092	252	513211	39.451	ng		100
89) Benzo(k)fluoranthene	15.121	252	513447	42.213	ng		100
90) Benzo(a)pyrene	15.463	252	478931	41.668	ng		100
91) Dibenzo(a,h)anthracene	17.039	278	557476	43.972	ng		99
92) Benzo(g,h,i)perylene	17.468	276	545942	43.496	ng		99

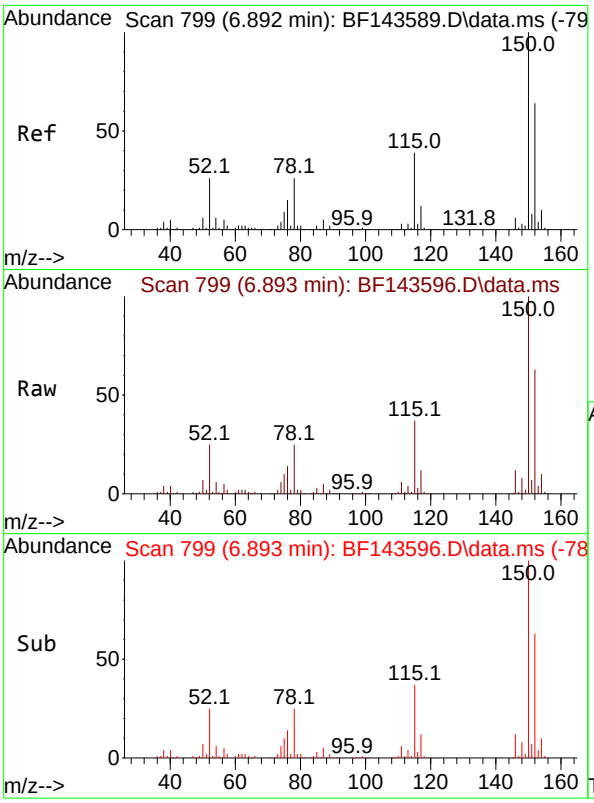
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143596.D
Acq On : 27 Aug 2025 09:16
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 27 11:28:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration



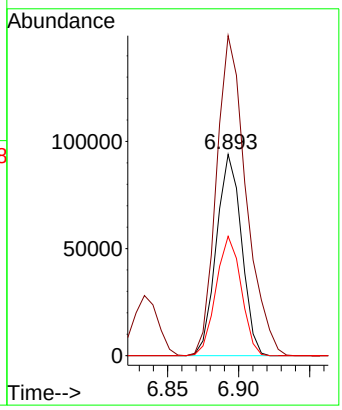


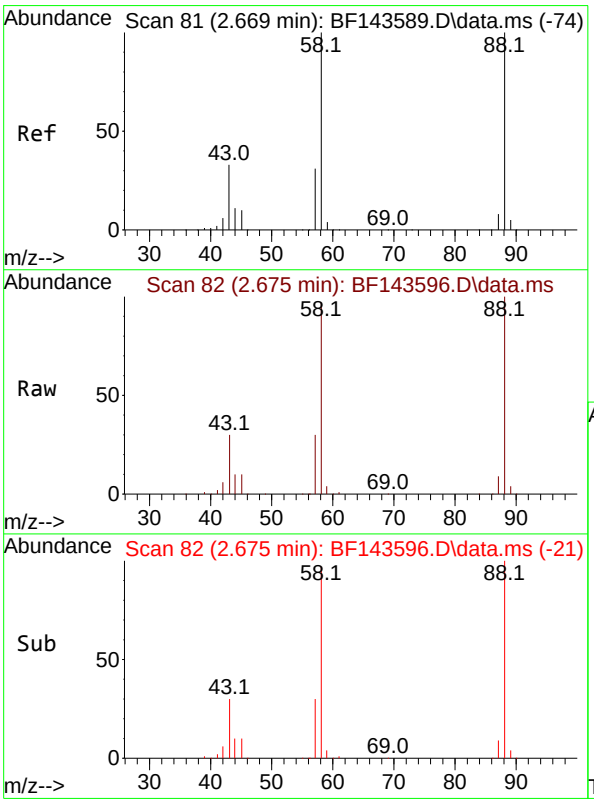
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 7
Delta R.T. 0.001 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 115923

Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.9	187.3
115	59.3	48.0	72.0

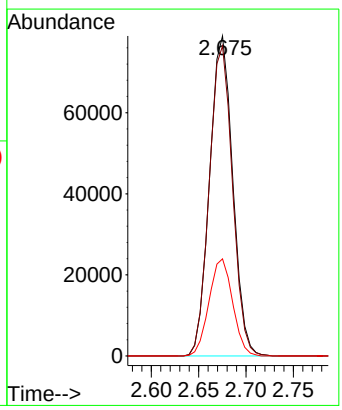


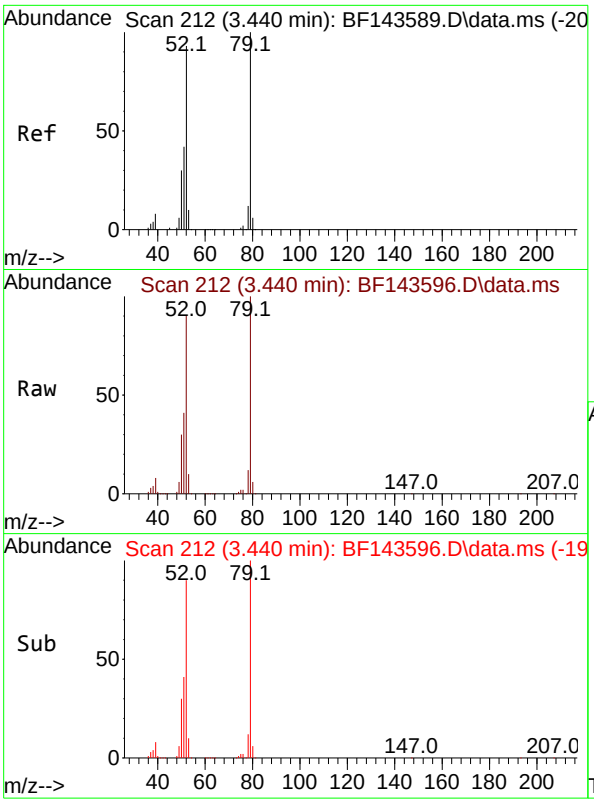


#2
1,4-Dioxane
Concen: 40.208 ng
RT: 2.675 min Scan# 82
Delta R.T. 0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion: 88 Resp: 133978

Ion	Ratio	Lower	Upper
88	100		
58	97.0	79.2	118.8
43	31.0	26.2	39.2



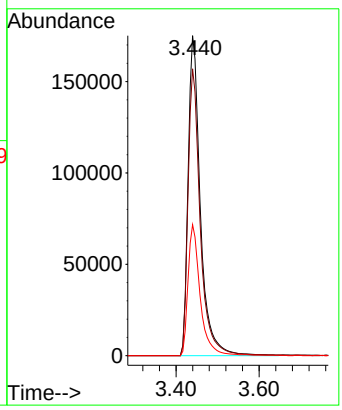


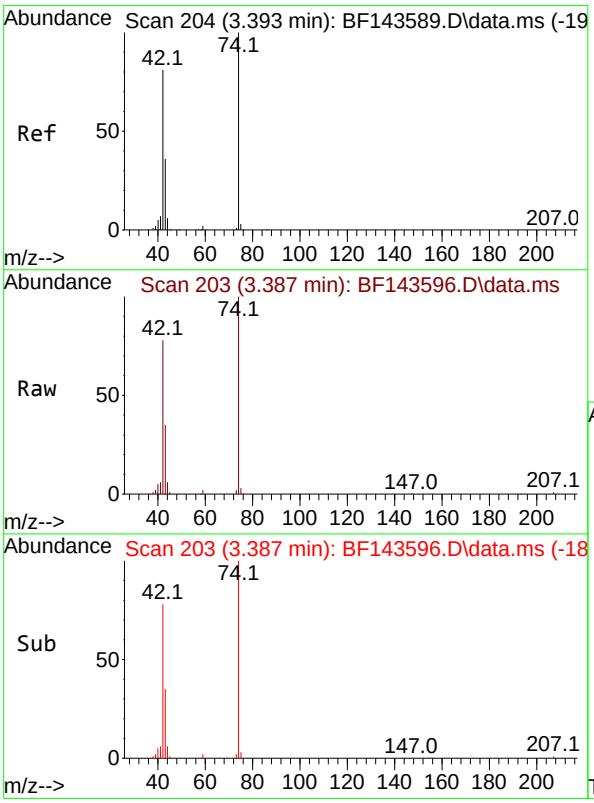
#3
Pyridine
Concen: 42.840 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 358456

Ion	Ratio	Lower	Upper
79	100		
52	89.7	74.3	111.5
51	41.0	33.5	50.3

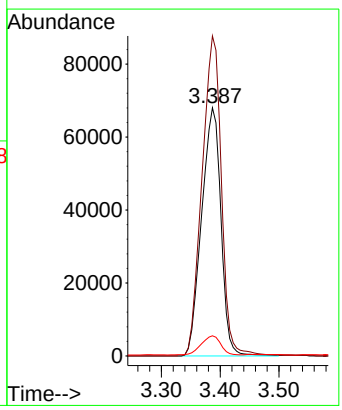


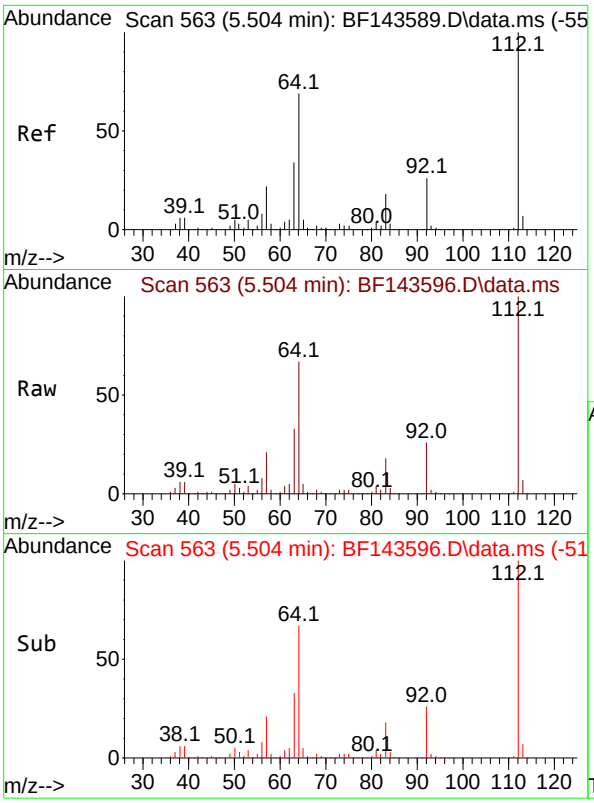


#4
n-Nitrosodimethylamine
Concen: 38.876 ng
RT: 3.387 min Scan# 203
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion: 42 Resp: 154787

Ion	Ratio	Lower	Upper
42	100		
74	129.0	98.9	148.3
44	8.2	7.0	10.4



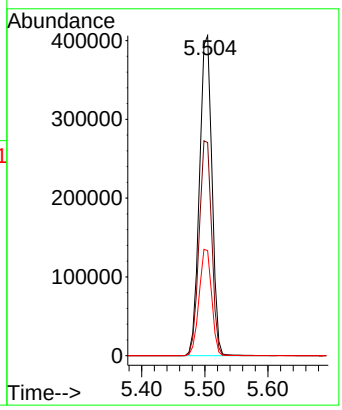


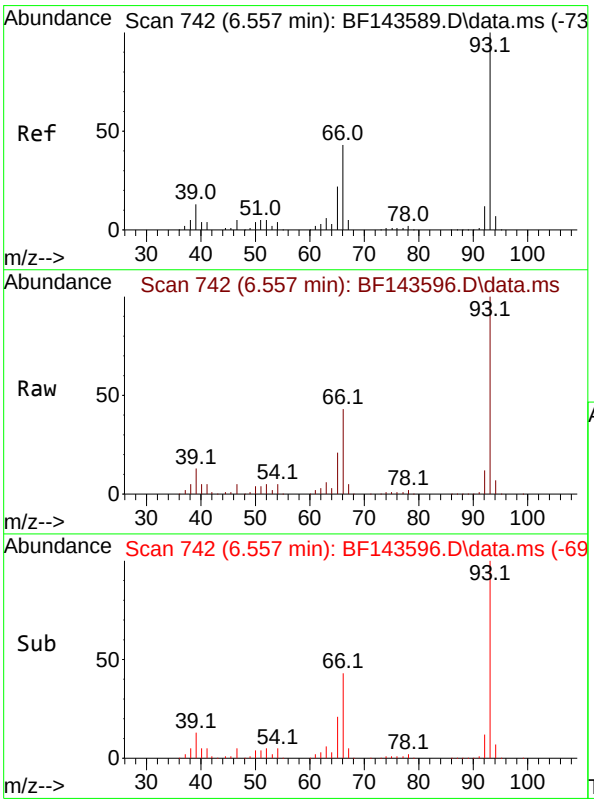
#5
2-Fluorophenol
Concen: 81.699 ng
RT: 5.504 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 556461

Ion	Ratio	Lower	Upper
112	100		
64	66.6	54.8	82.2
63	32.8	27.6	41.4

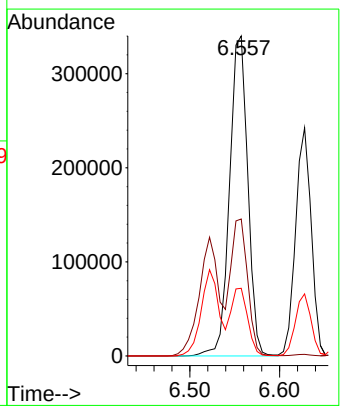


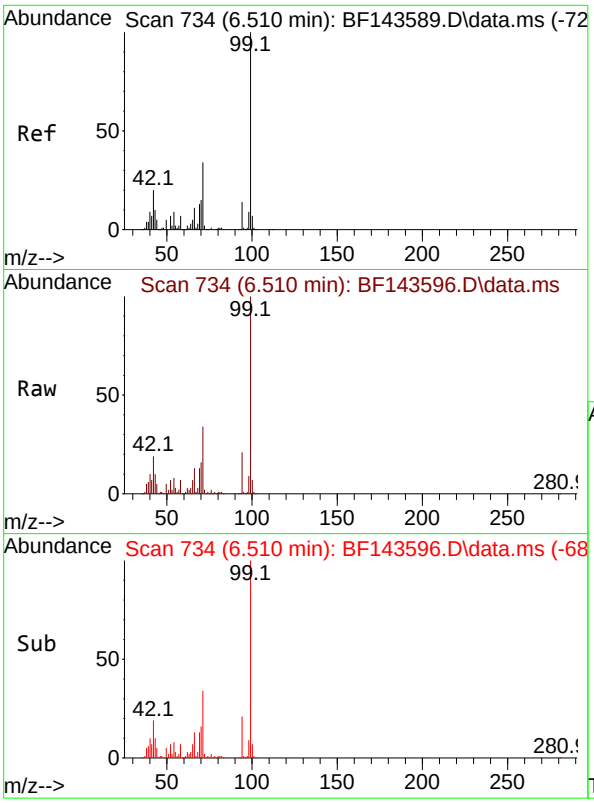


#6
Aniline
Concen: 40.656 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion: 93 Resp: 478803

Ion	Ratio	Lower	Upper
93	100		
66	42.8	35.0	52.4
65	21.1	17.5	26.3



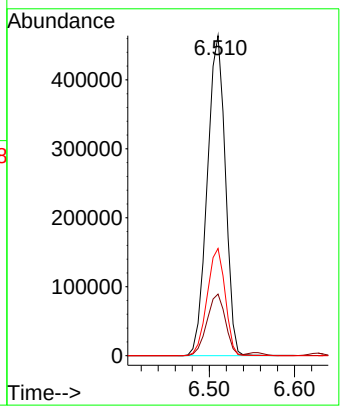


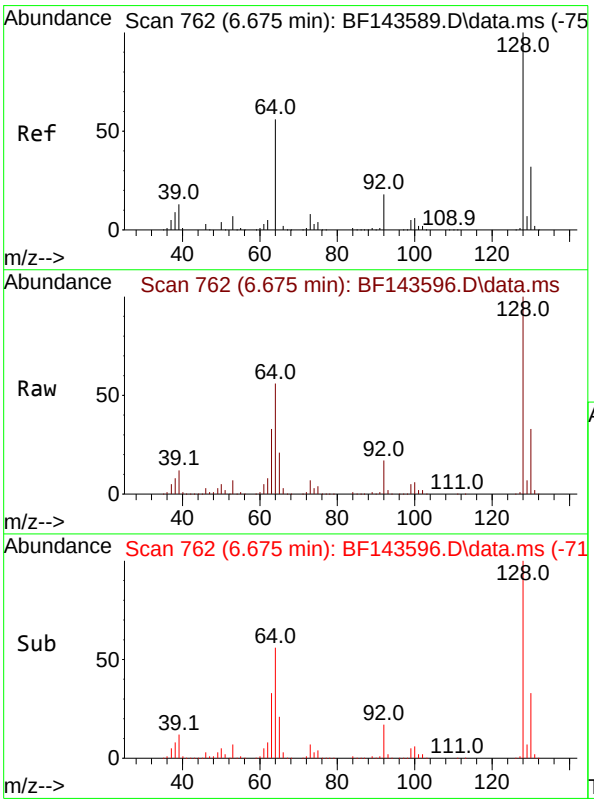
#7
Phenol-d6
Concen: 81.026 ng
RT: 6.510 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 683534

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.9	23.9
71	33.5	27.2	40.8

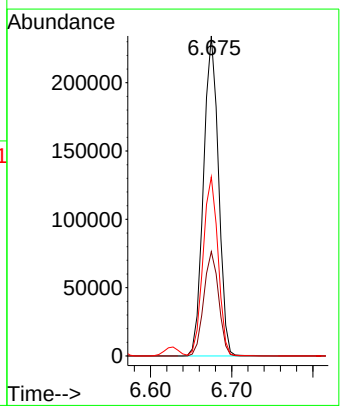


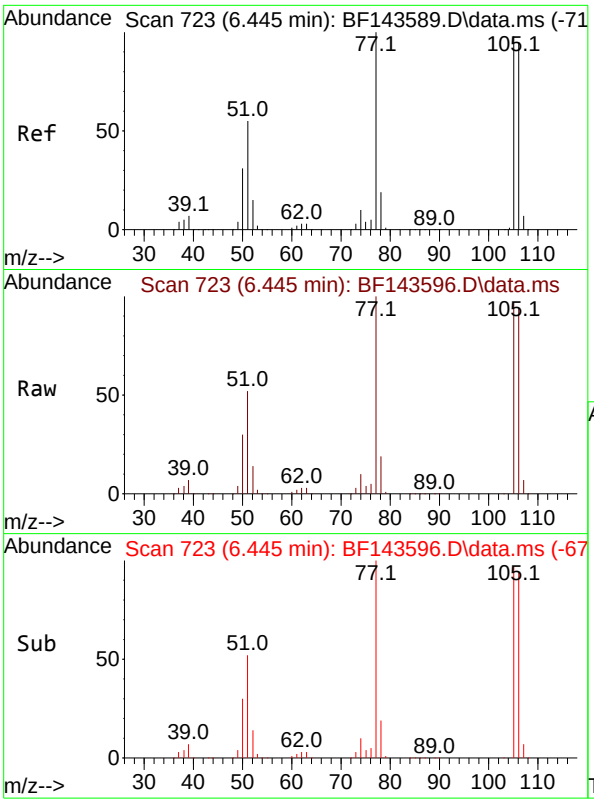


#8
2-Chlorophenol
Concen: 41.653 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:128 Resp: 300149

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.3	52.3
64	55.9	38.4	78.4



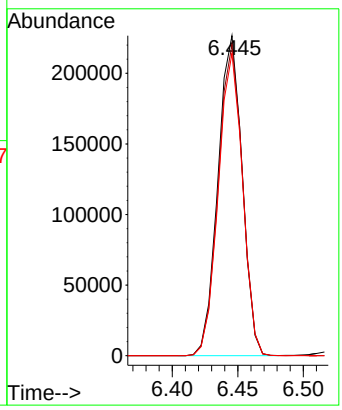


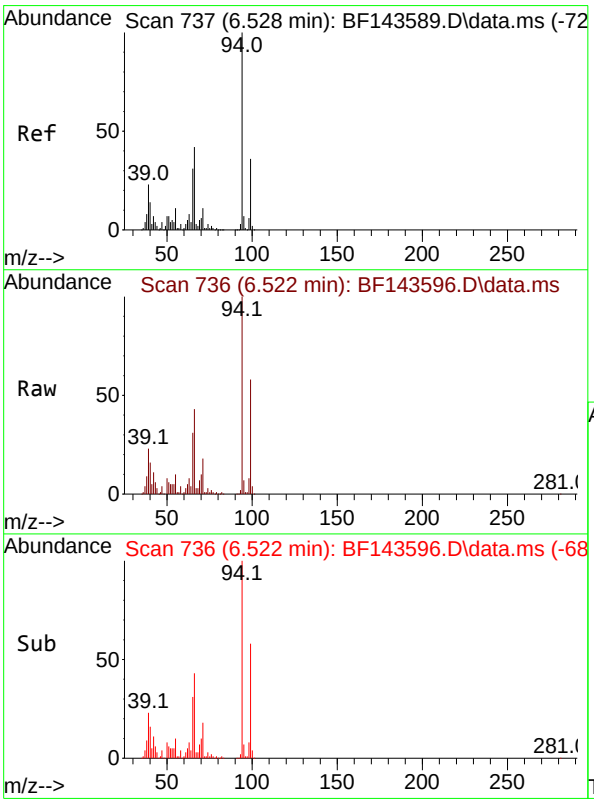
#9
Benzaldehyde
Concen: 45.731 ng
RT: 6.445 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 290282

Ion	Ratio	Lower	Upper
77	100		
105	97.2	77.9	117.9
106	94.4	74.9	114.9

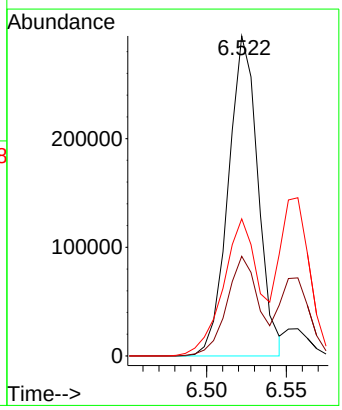


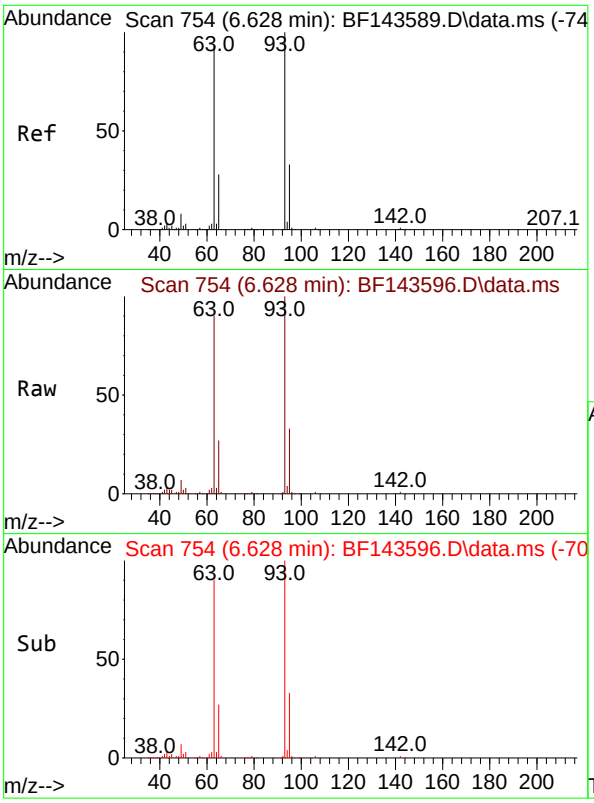


#10
Phenol
Concen: 40.382 ng m
RT: 6.522 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion: 94 Resp: 382065

Ion	Ratio	Lower	Upper
94	100		
65	31.1	11.0	51.0
66	42.8	22.1	62.1



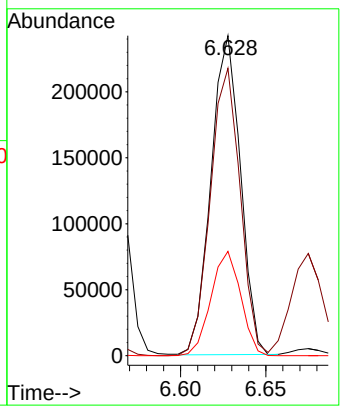


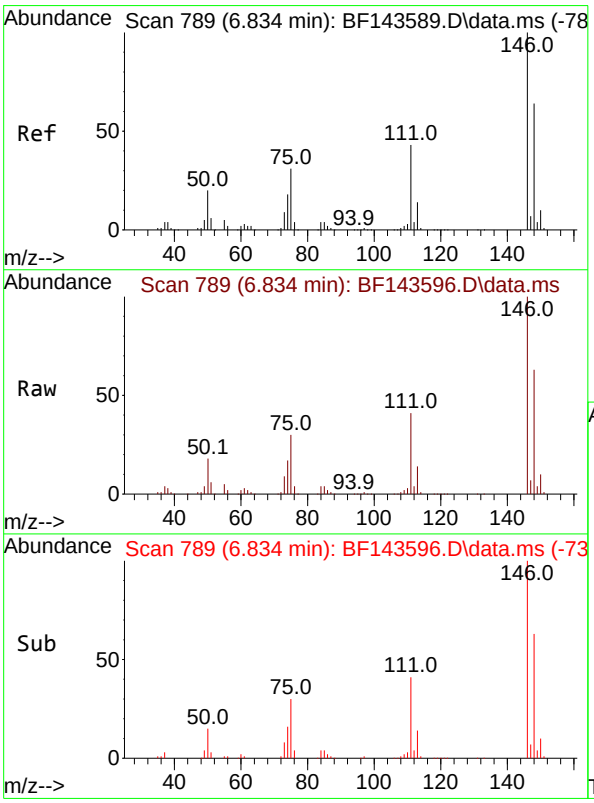
#11
bis(2-Chloroethyl)ether
Concen: 40.158 ng
RT: 6.628 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 291150

Ion	Ratio	Lower	Upper
93	100		
63	89.8	72.1	112.1
95	32.6	12.8	52.8

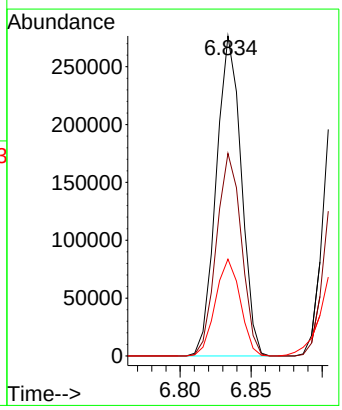


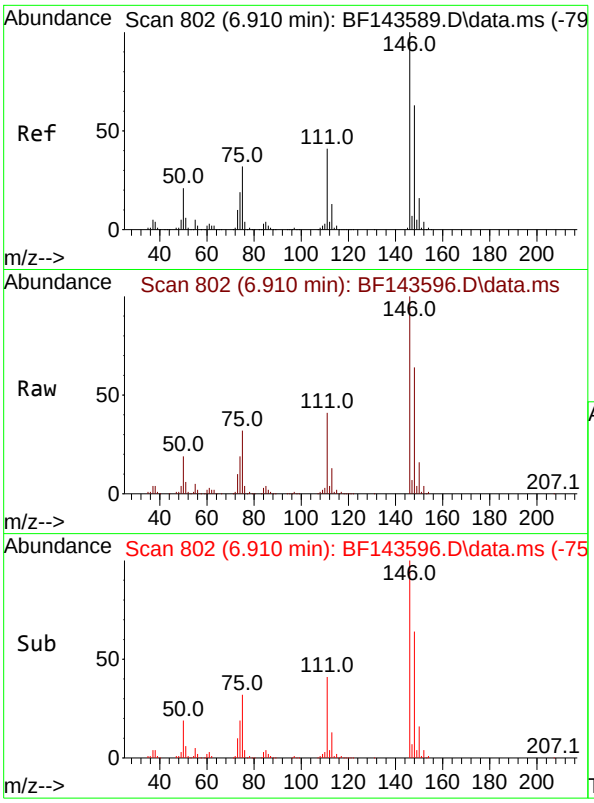


#12
1,3-Dichlorobenzene
Concen: 40.896 ng
RT: 6.834 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:146 Resp: 338512

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.1	76.7
75	30.2	25.2	37.8



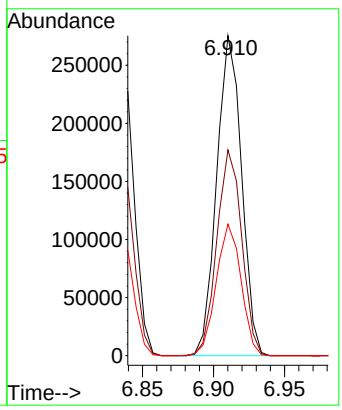


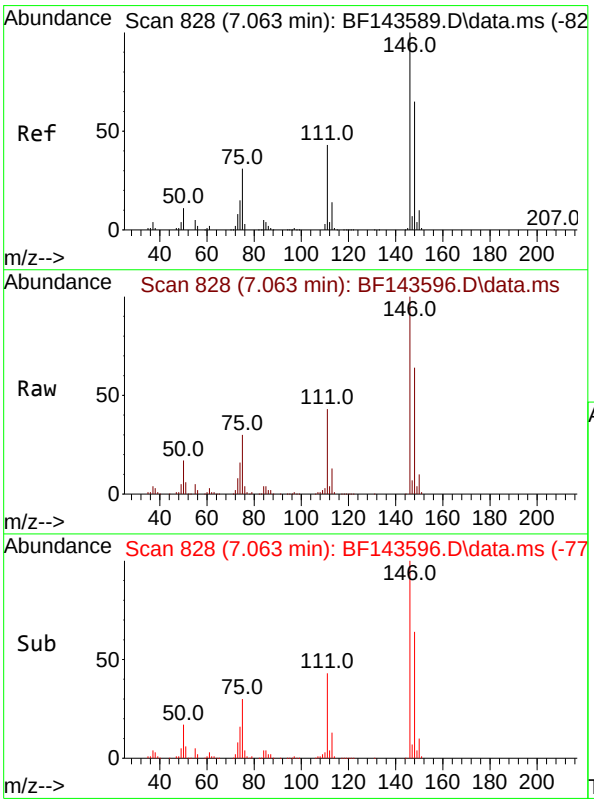
#13
1,4-Dichlorobenzene
Concen: 40.170 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 335275

Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	75.8
111	41.1	32.4	48.6

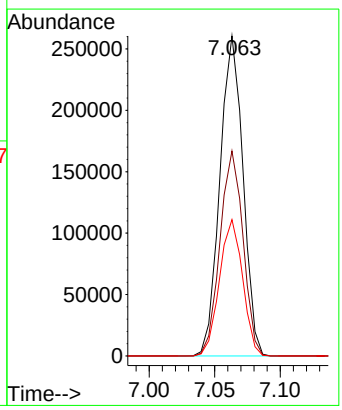


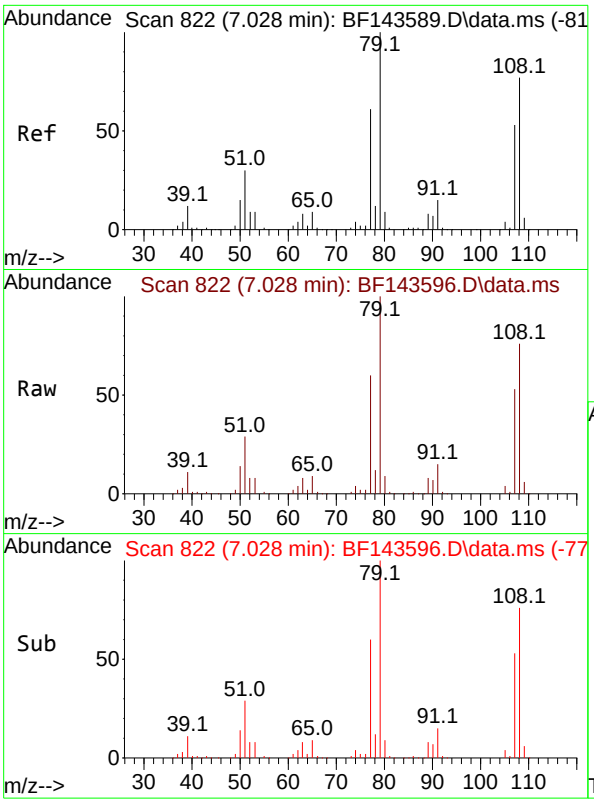


#14
1,2-Dichlorobenzene
Concen: 40.291 ng
RT: 7.063 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:146 Resp: 318980

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.7	77.5
111	42.6	34.7	52.1



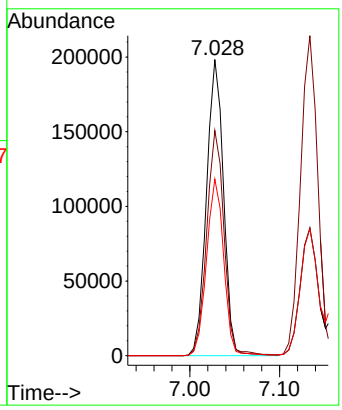


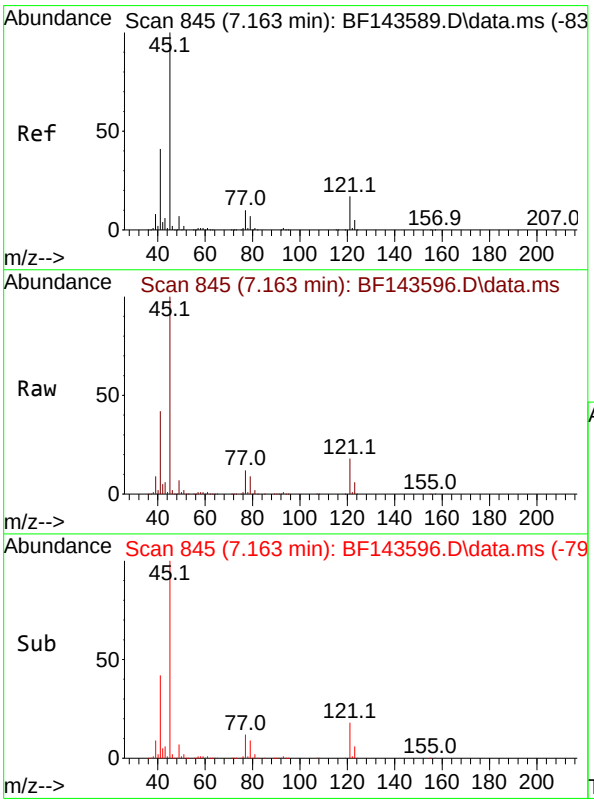
#15
Benzyl Alcohol
Concen: 41.521 ng
RT: 7.028 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 262507

Ion	Ratio	Lower	Upper
79	100		
108	76.0	61.3	91.9
77	59.6	48.7	73.1

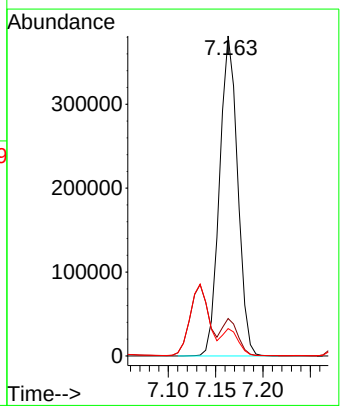


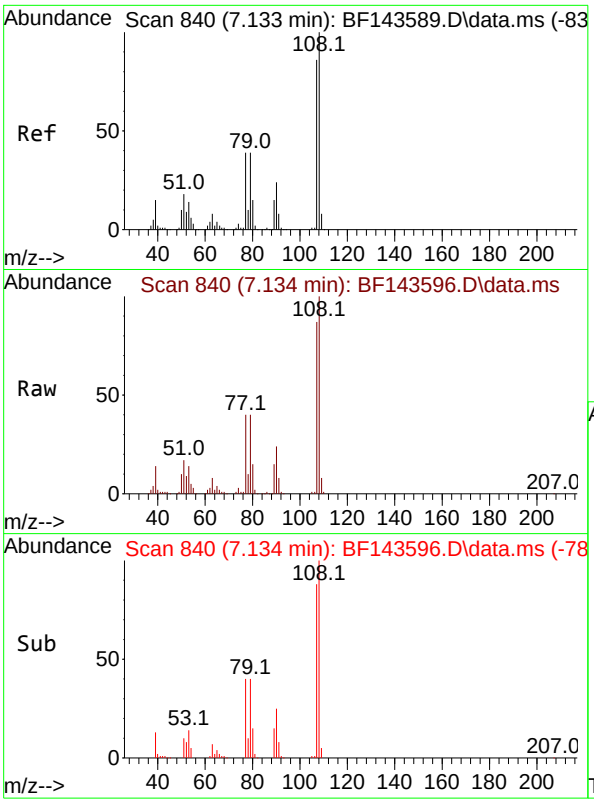


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.942 ng
RT: 7.163 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion: 45 Resp: 507766

Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	31.1
79	8.6	0.0	28.1



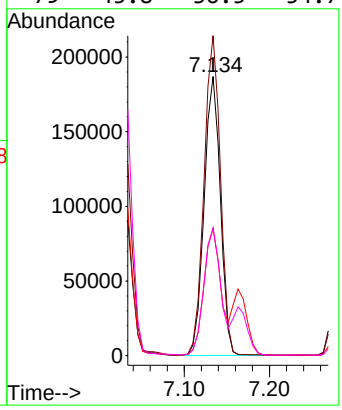


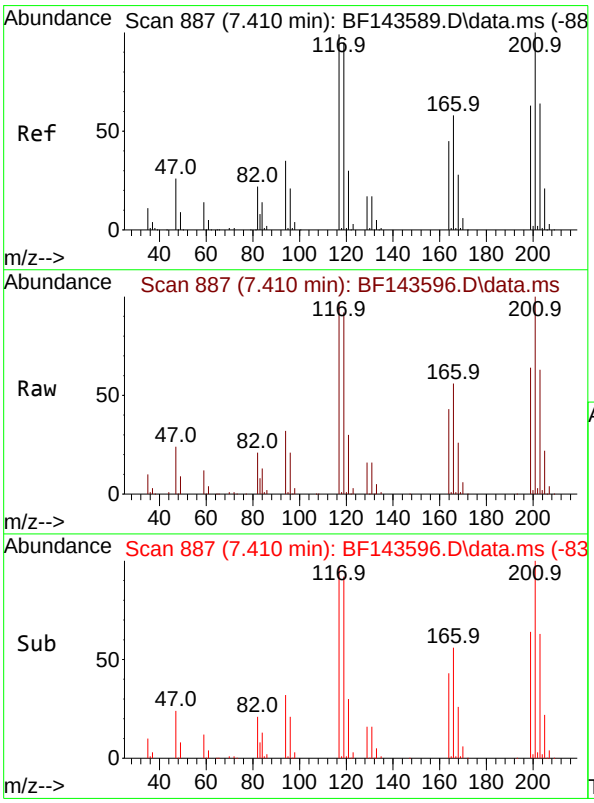
#17
2-Methylphenol
Concen: 40.402 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 247155

Ion	Ratio	Lower	Upper
107	100		
108	114.6	92.6	138.8
77	45.4	36.3	54.5
79	45.8	36.5	54.7

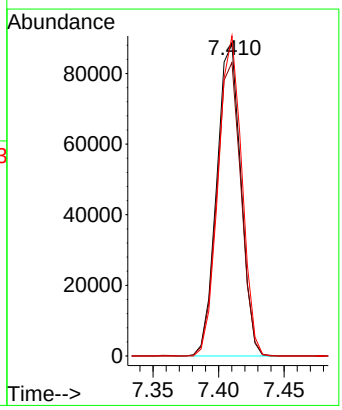


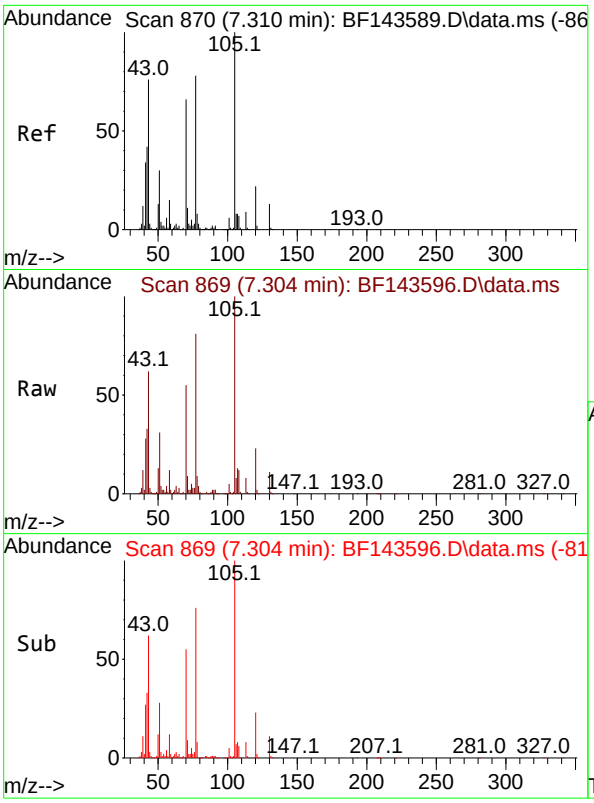


#18
Hexachloroethane
Concen: 42.583 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:117 Resp: 112931

Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.6	115.0
201	102.7	81.0	121.4



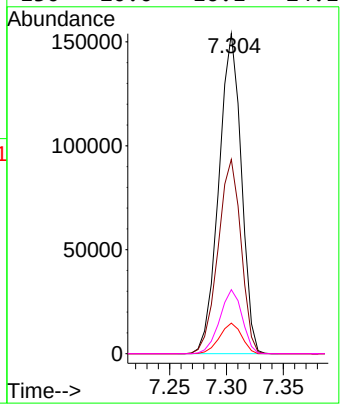


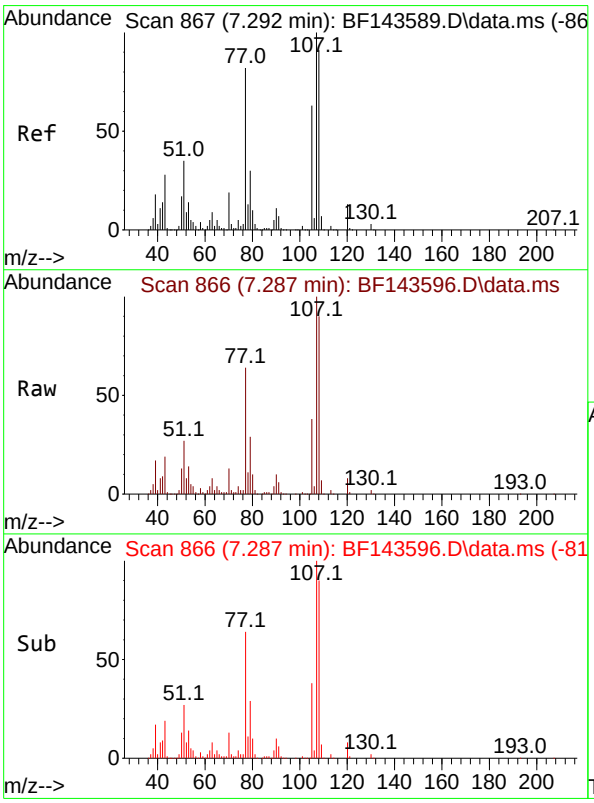
#19
n-Nitroso-di-n-propylamine
Concen: 39.684 ng
RT: 7.304 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 212079

Ion	Ratio	Lower	Upper
70	100		
42	60.7	50.6	75.8
101	9.6	7.5	11.3
130	20.0	16.1	24.1

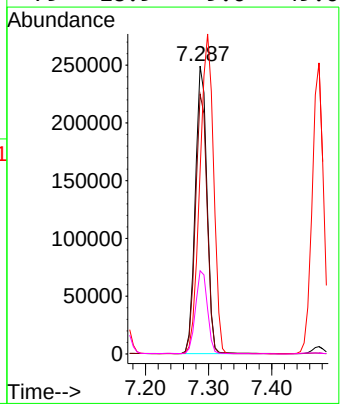


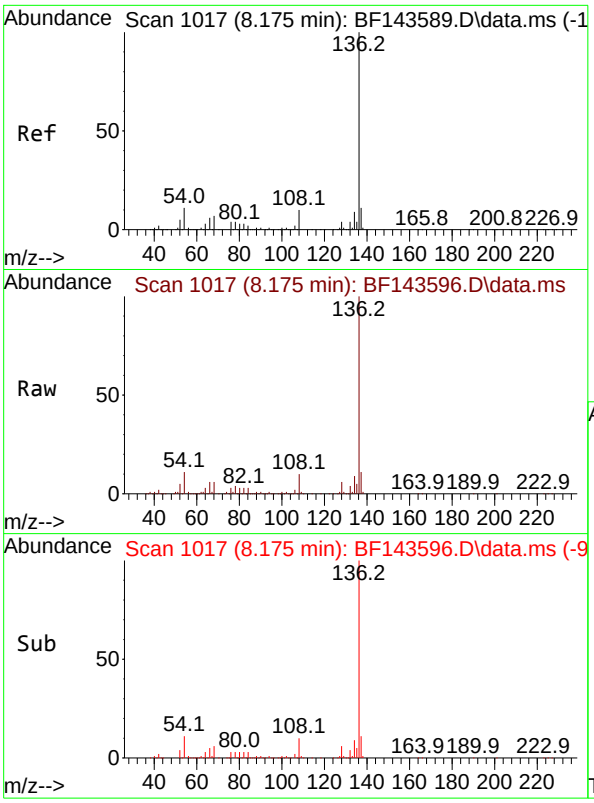


#20
3+4-Methylphenols
Concen: 42.265 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:107 Resp: 317550

Ion	Ratio	Lower	Upper
107	100		
108	90.2	71.1	111.1
77	63.7	62.5	102.5
79	28.9	9.6	49.6



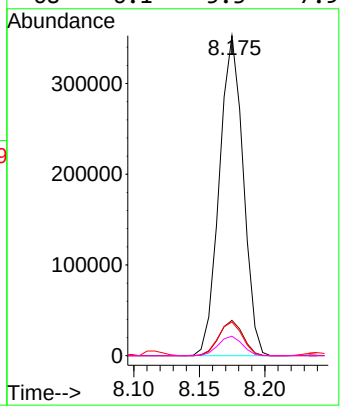


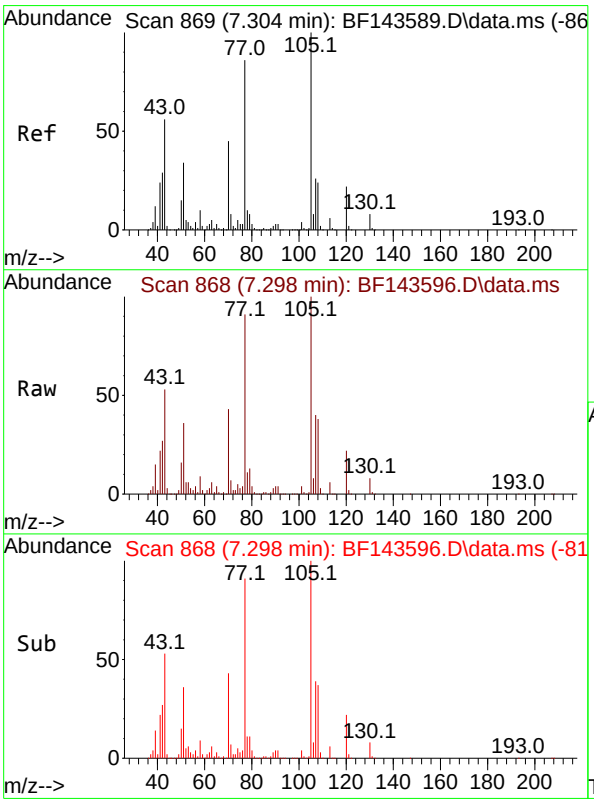
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 446099

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.6	9.0	13.6
68	6.1	5.3	7.9

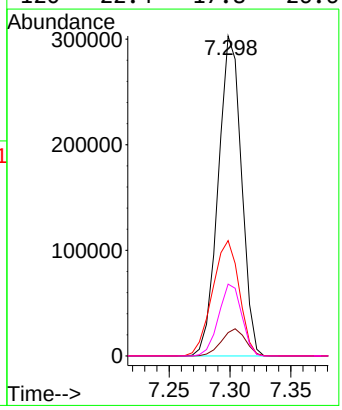


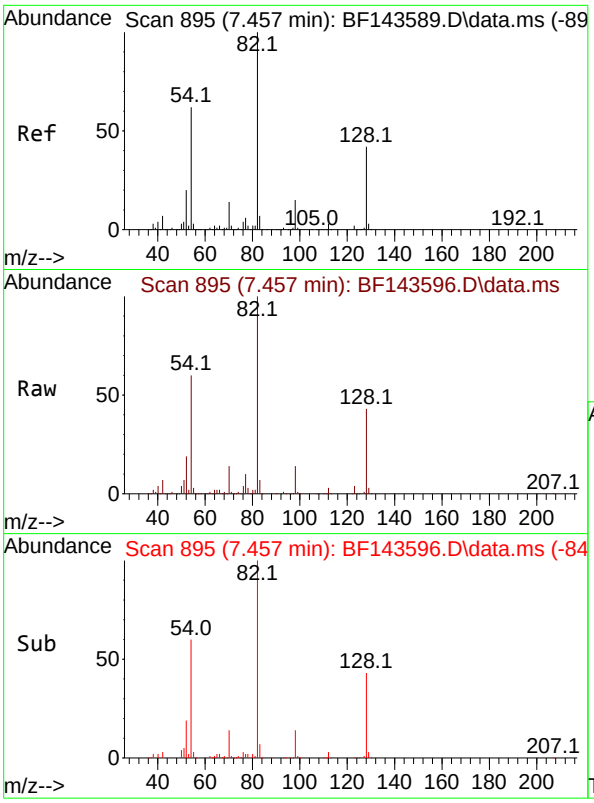


#22
Acetophenone
Concen: 40.063 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:105 Resp: 402494

Ion	Ratio	Lower	Upper
105	100		
71	7.3	6.0	9.0
51	36.1	27.0	40.6
120	22.4	17.8	26.6



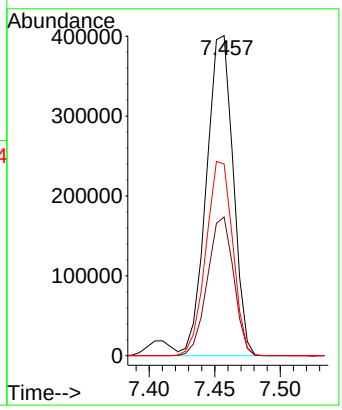


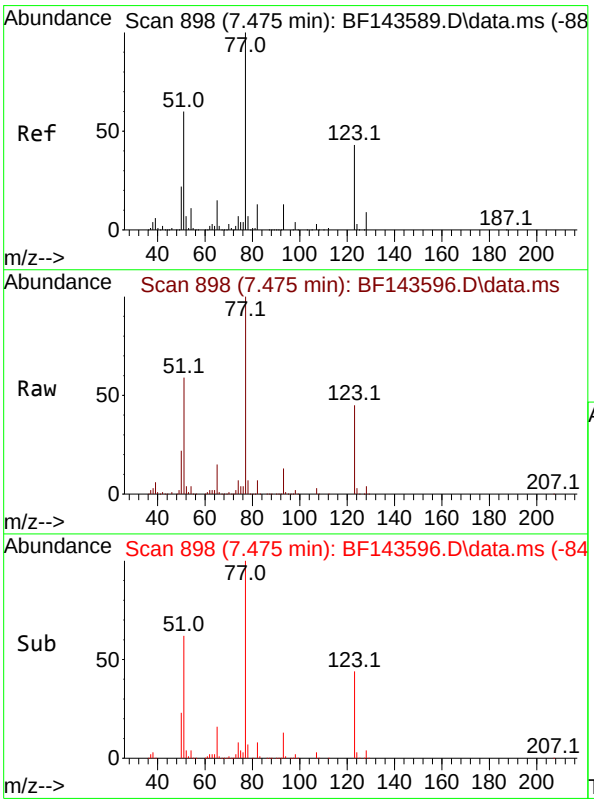
#23
Nitrobenzene-d5
Concen: 90.932 ng
RT: 7.457 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 568123

Ion	Ratio	Lower	Upper
82	100		
128	43.4	33.4	50.2
54	59.9	49.3	73.9

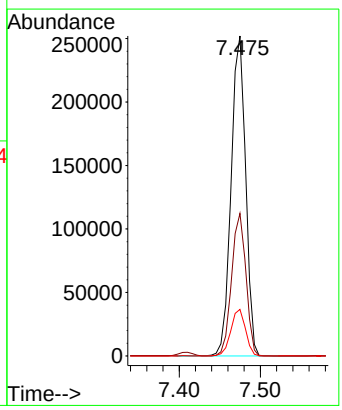


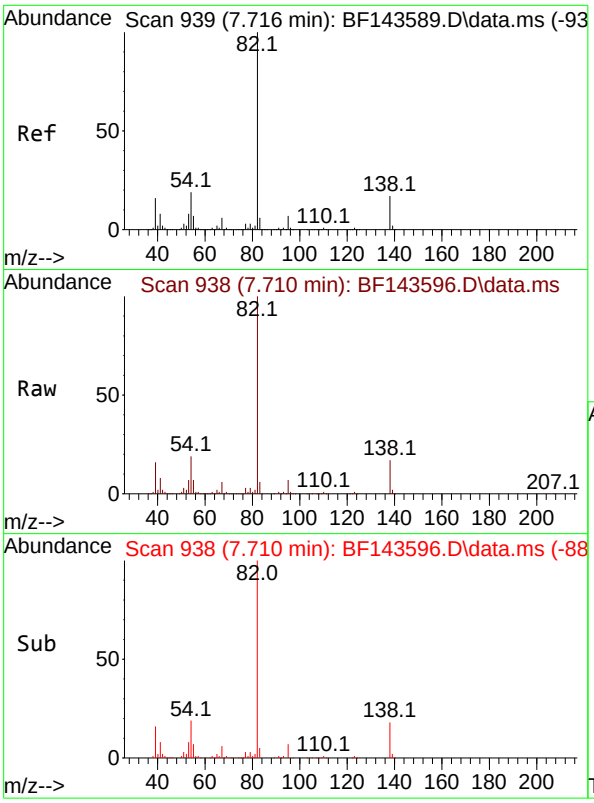


#24
Nitrobenzene
Concen: 46.712 ng
RT: 7.475 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion: 77 Resp: 312890

Ion	Ratio	Lower	Upper
77	100		
123	44.5	34.9	52.3
65	14.5	12.0	18.0



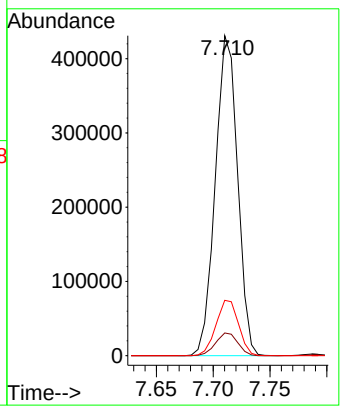


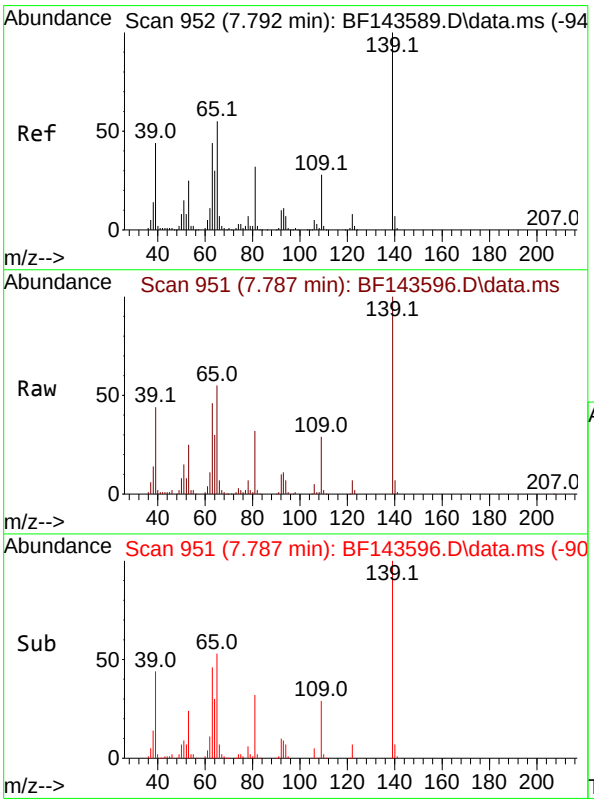
#25
Isophorone
Concen: 40.217 ng
RT: 7.710 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 588016

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.5	8.3
138	17.3	13.8	20.8

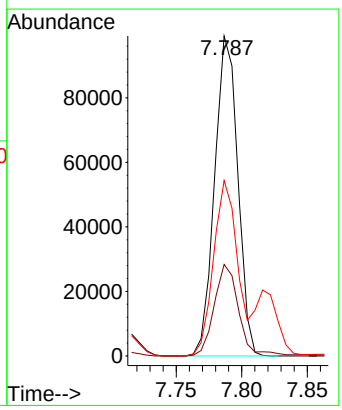


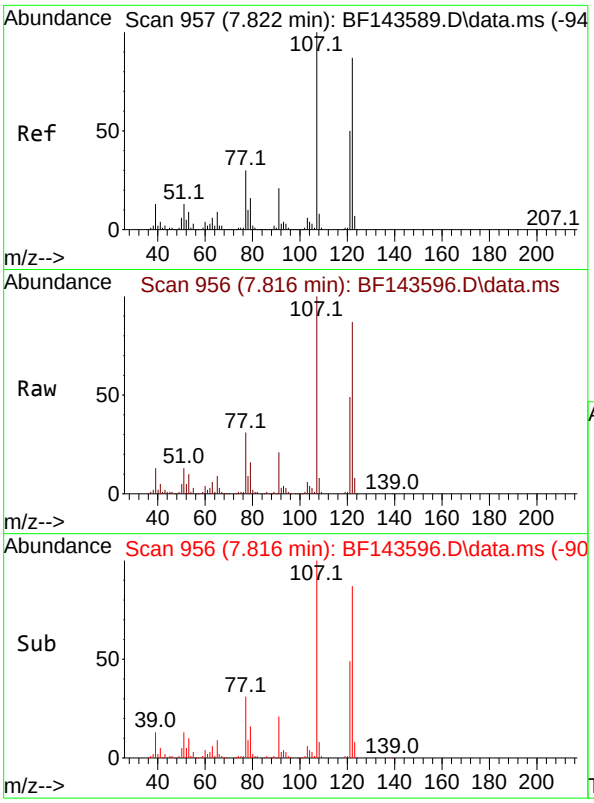


#26
2-Nitrophenol
Concen: 45.257 ng
RT: 7.787 min Scan# 951
Delta R.T. -0.005 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:139 Resp: 121681

Ion	Ratio	Lower	Upper
139	100		
109	28.6	22.3	33.5
65	54.8	44.0	66.0



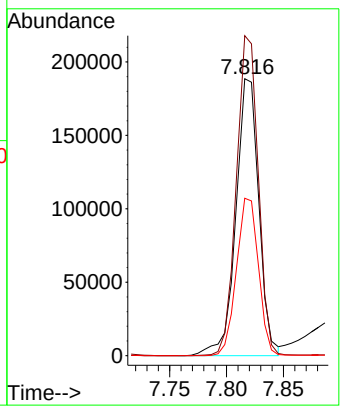


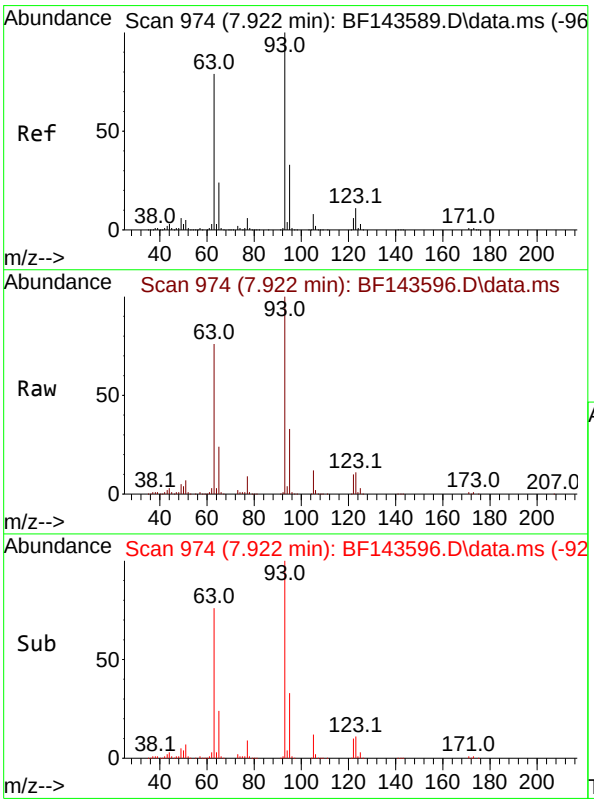
#27
2,4-Dimethylphenol
Concen: 41.524 ng
RT: 7.816 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 264156

Ion	Ratio	Lower	Upper
122	100		
107	115.5	92.1	138.1
121	56.8	46.2	69.4

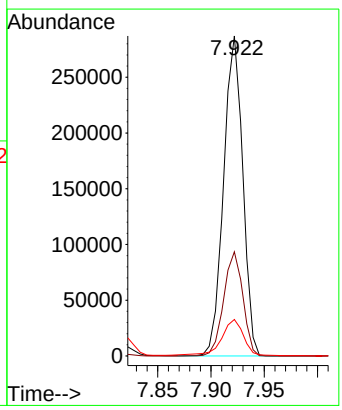


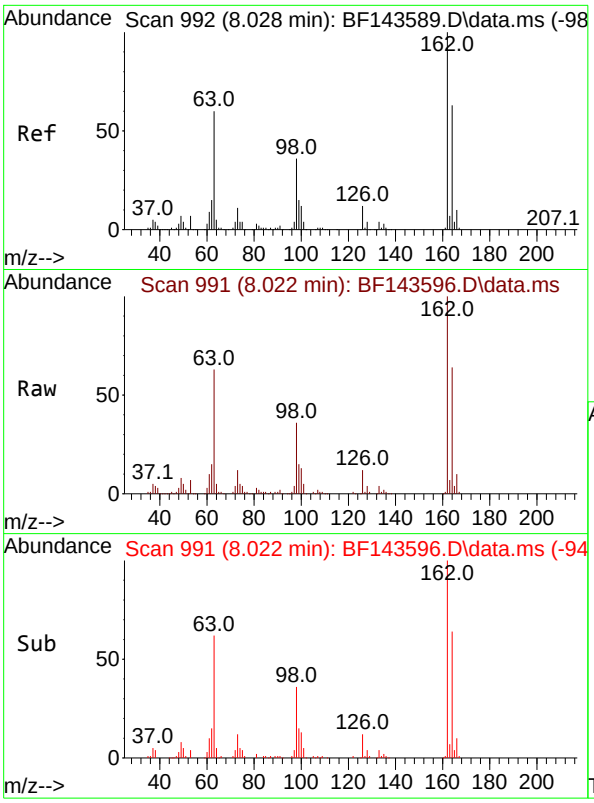


#28
bis(2-Chloroethoxy)methane
Concen: 40.484 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion: 93 Resp: 358118

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.2
123	11.4	9.3	13.9



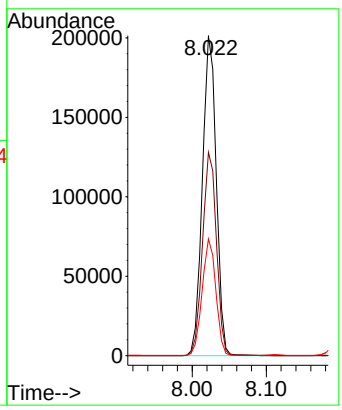


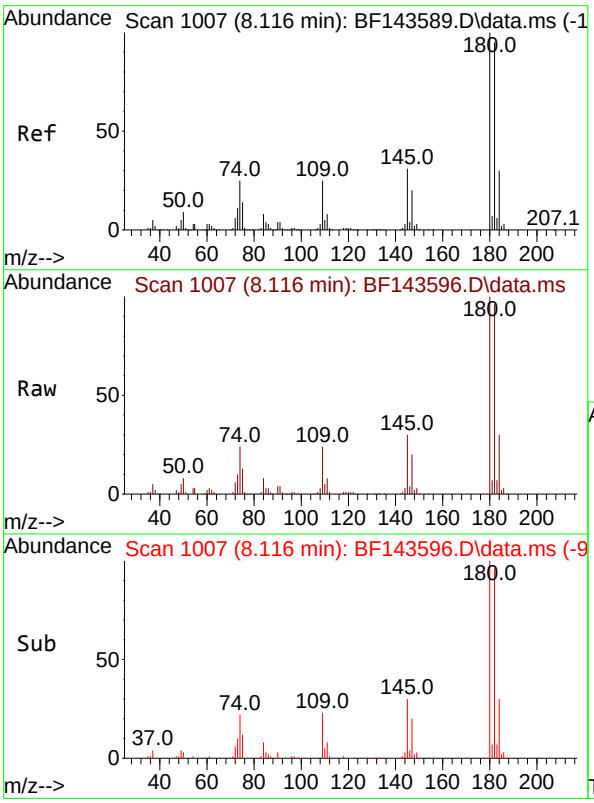
#29
2,4-Dichlorophenol
Concen: 42.779 ng
RT: 8.022 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 262199

Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.3	83.3
98	36.5	16.1	56.1

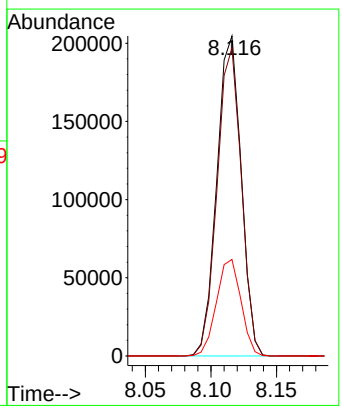


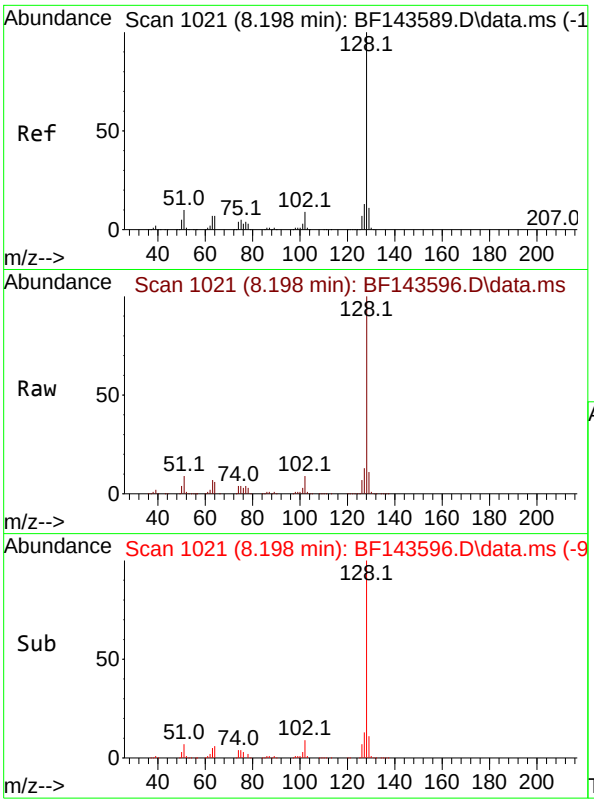


#30
1,2,4-Trichlorobenzene
Concen: 41.254 ng
RT: 8.116 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:180 Resp: 264008

Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.8	113.6
145	30.1	24.5	36.7



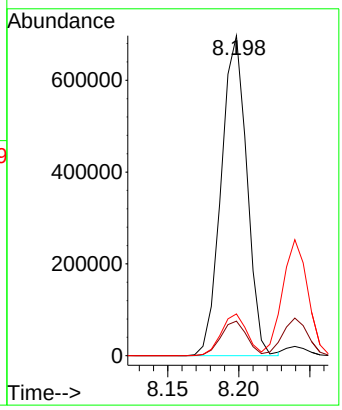


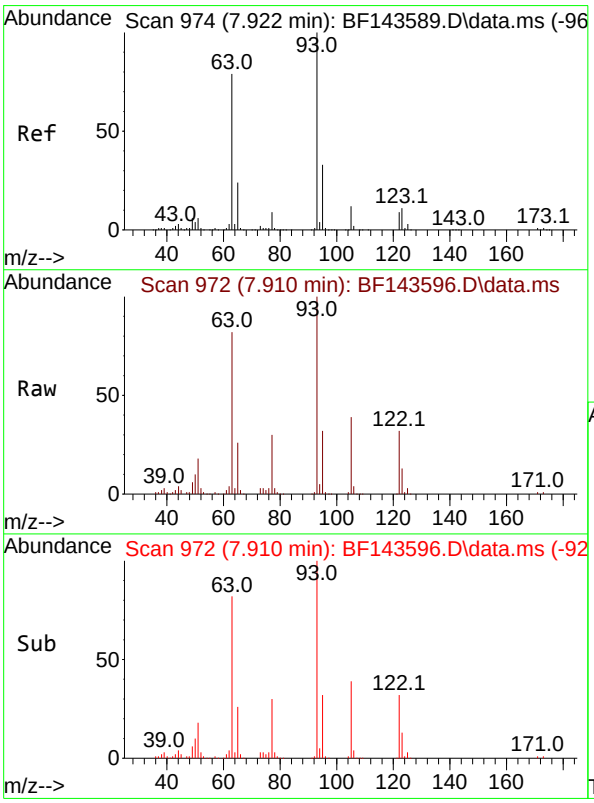
#31
Naphthalene
Concen: 40.607 ng
RT: 8.198 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 875202

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	13.0	10.6	15.8

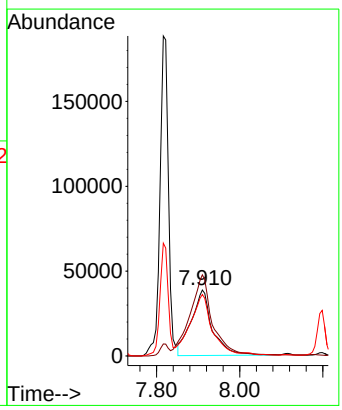


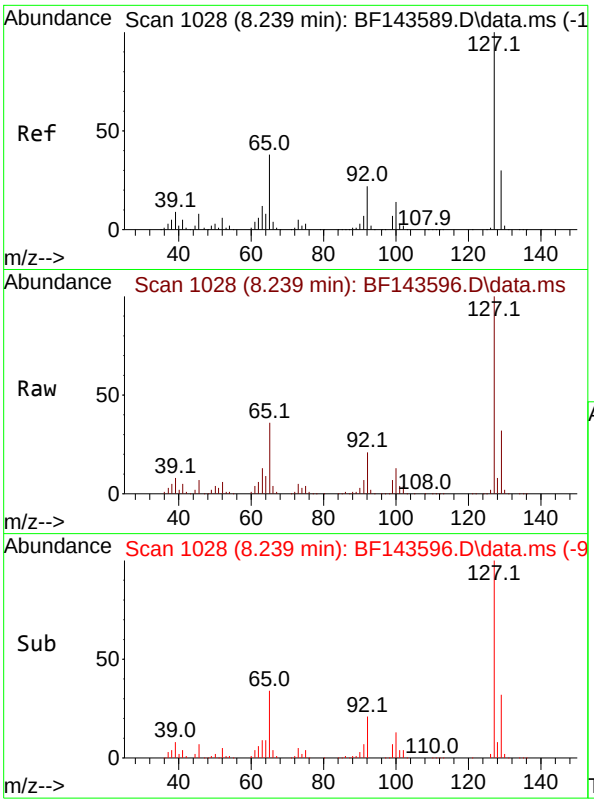


#32
Benzoic acid
Concen: 43.721 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:122 Resp: 137557

Ion	Ratio	Lower	Upper
122	100		
105	123.1	106.4	146.4
77	93.4	79.3	119.3



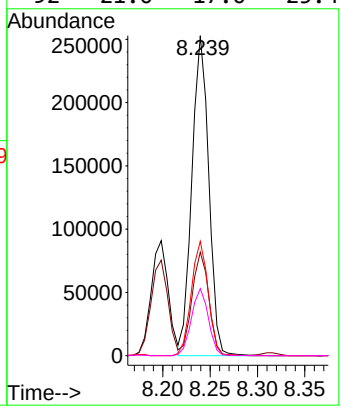


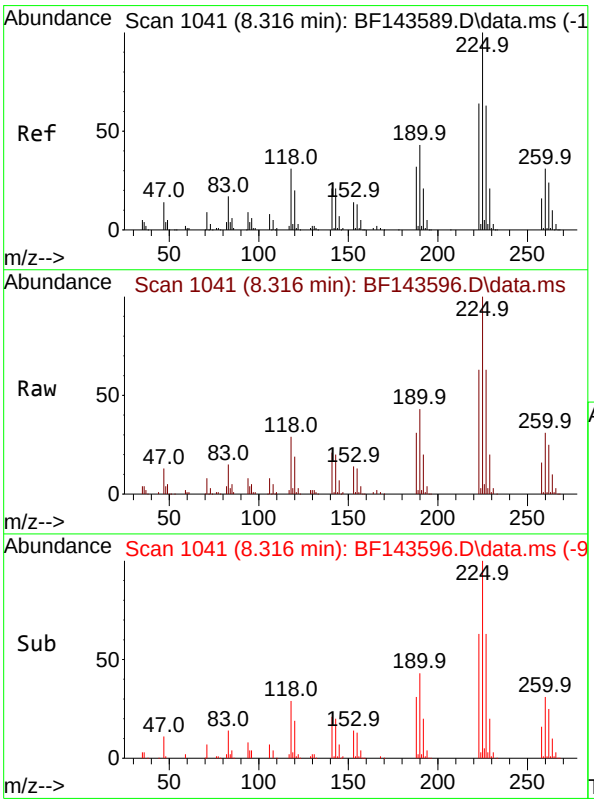
#33
4-Chloroaniline
Concen: 41.301 ng
RT: 8.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 314477

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.6
65	35.8	29.7	44.5
92	21.0	17.0	25.4

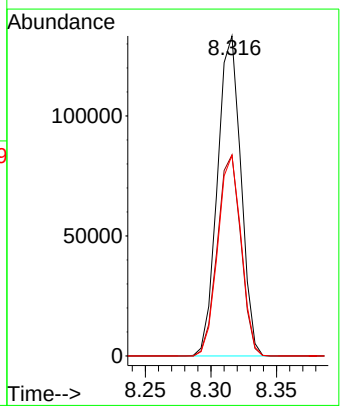


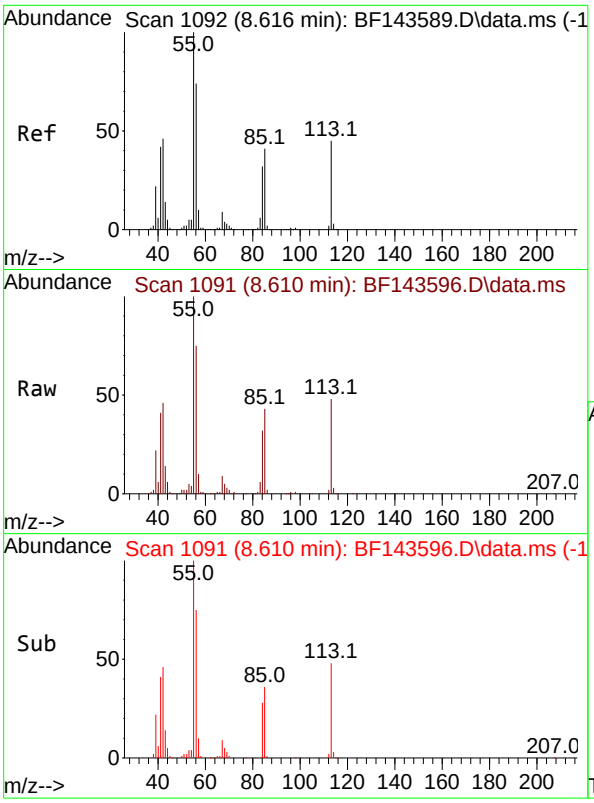


#34
Hexachlorobutadiene
Concen: 41.062 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:225 Resp: 165584

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.8	76.2
227	62.7	50.6	76.0



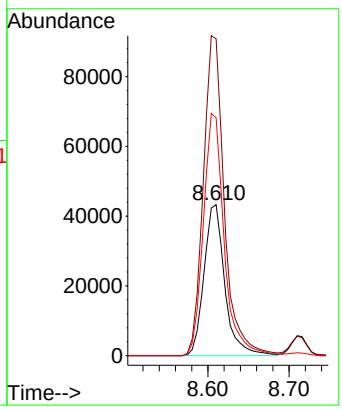


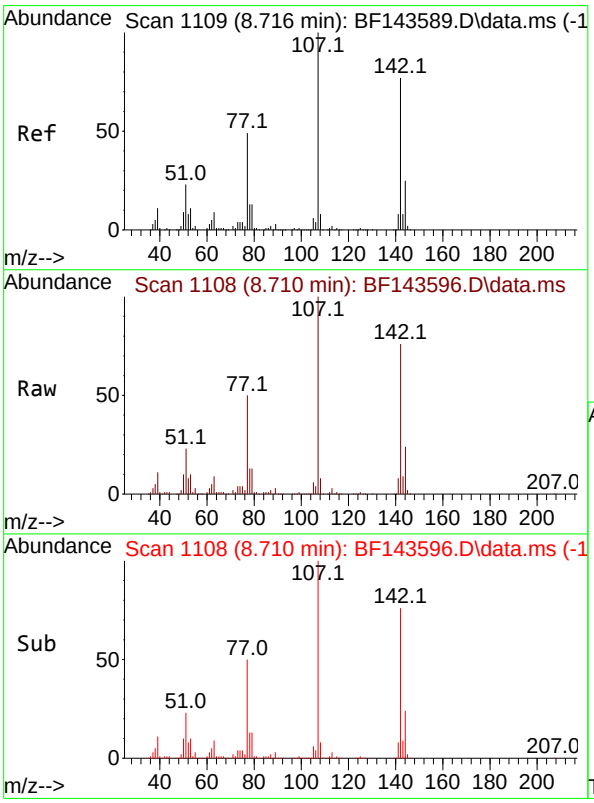
#35
Caprolactam
Concen: 44.319 ng
RT: 8.610 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 77172

Ion	Ratio	Lower	Upper
113	100		
55	209.7	202.1	242.1
56	157.4	145.4	185.4

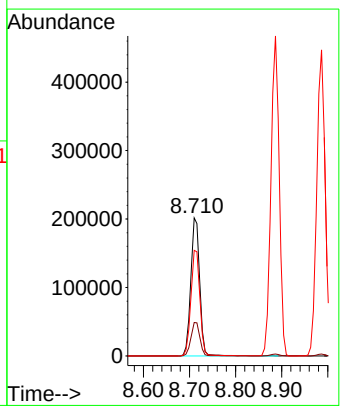


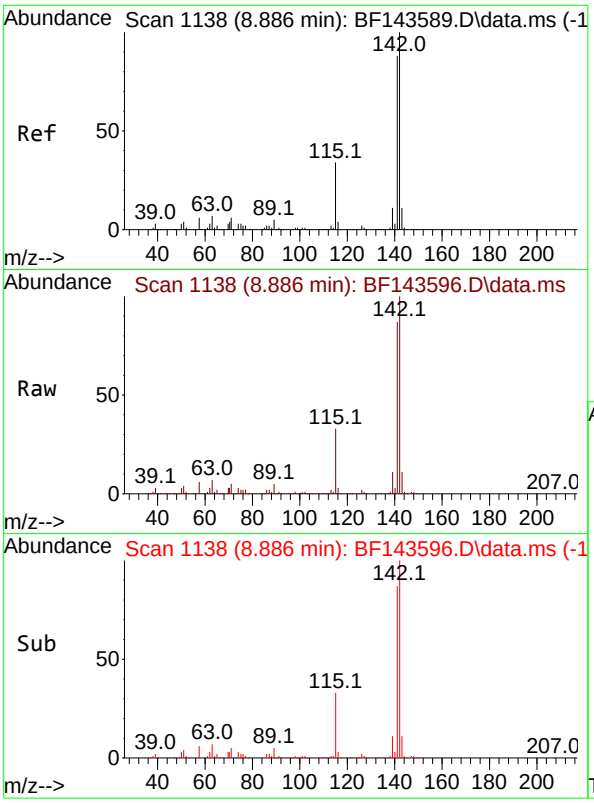


#36
4-Chloro-3-methylphenol
Concen: 42.159 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:107 Resp: 270157

Ion	Ratio	Lower	Upper
107	100		
144	24.2	19.8	29.6
142	76.5	61.7	92.5



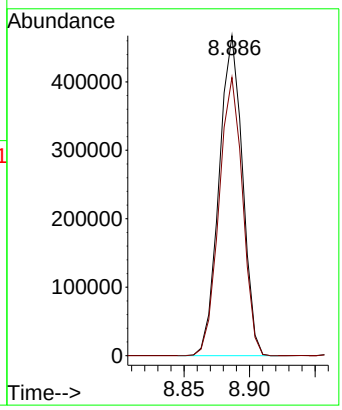


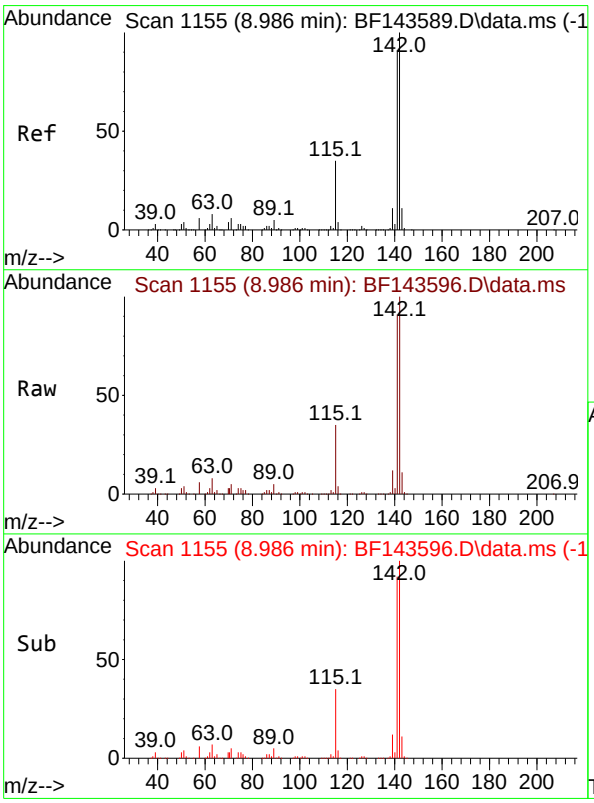
#37
2-Methylnaphthalene
Concen: 40.799 ng
RT: 8.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 580714

Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.2	105.4

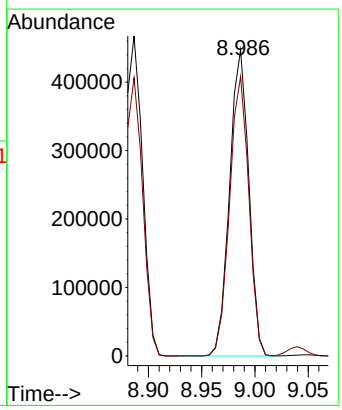


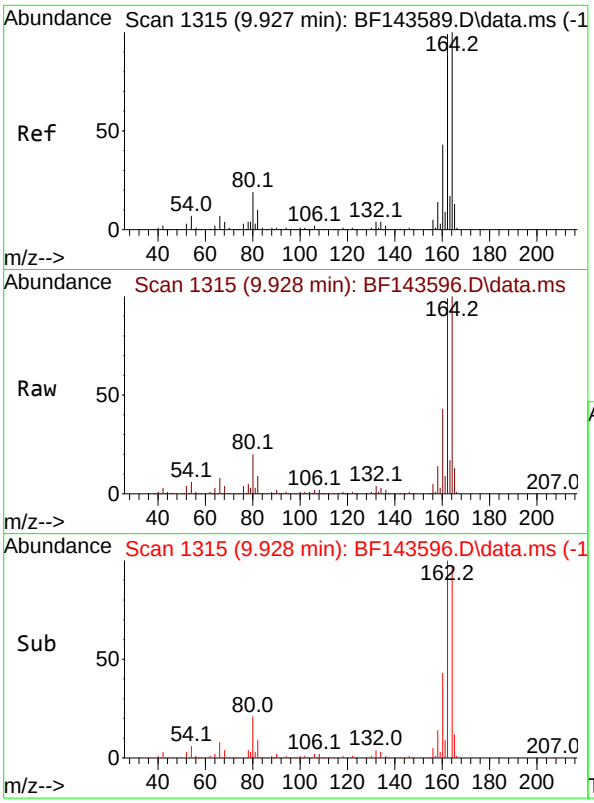


#38
1-Methylnaphthalene
Concen: 40.913 ng
RT: 8.986 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:142 Resp: 562020

Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.6	109.0



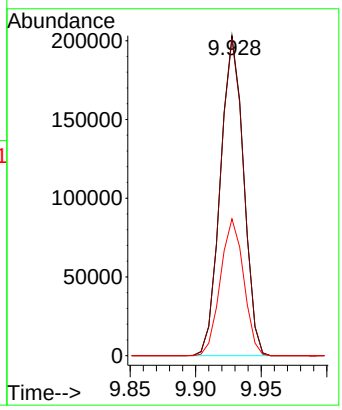


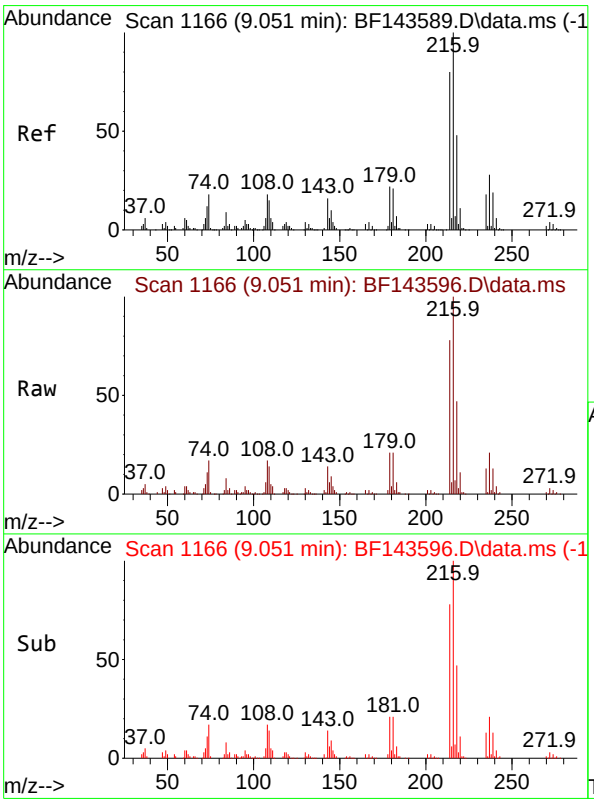
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1
Delta R.T. 0.001 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 249607

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.5	119.3
160	42.8	34.2	51.4

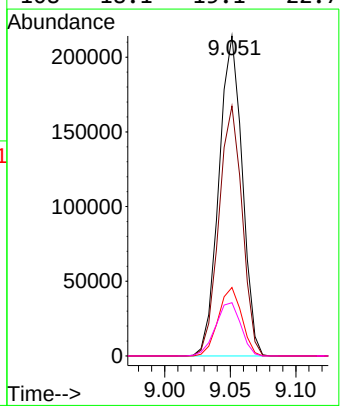


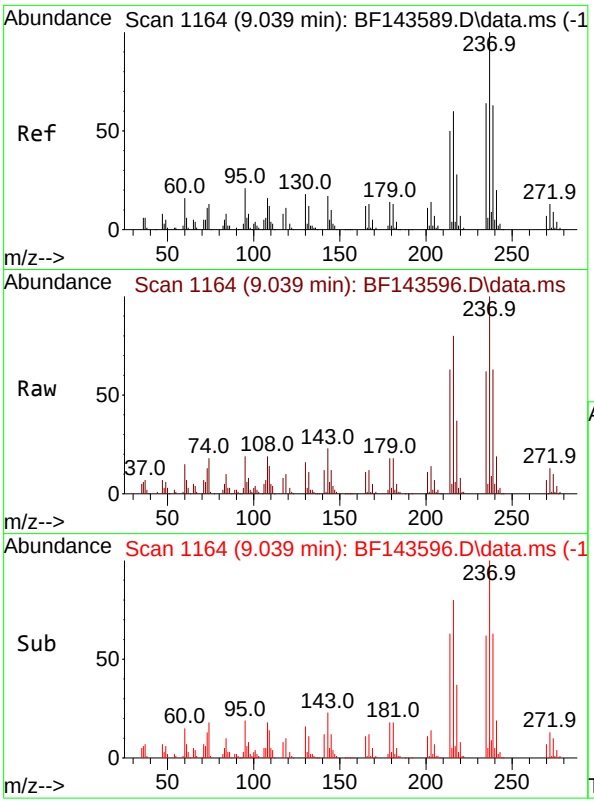


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.801 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:216 Resp: 264898

Ion	Ratio	Lower	Upper
216	100		
214	77.9	64.1	96.1
179	21.4	17.4	26.0
108	18.1	15.1	22.7



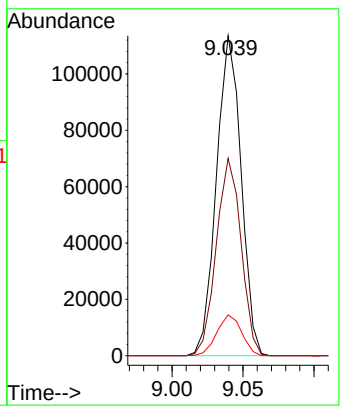


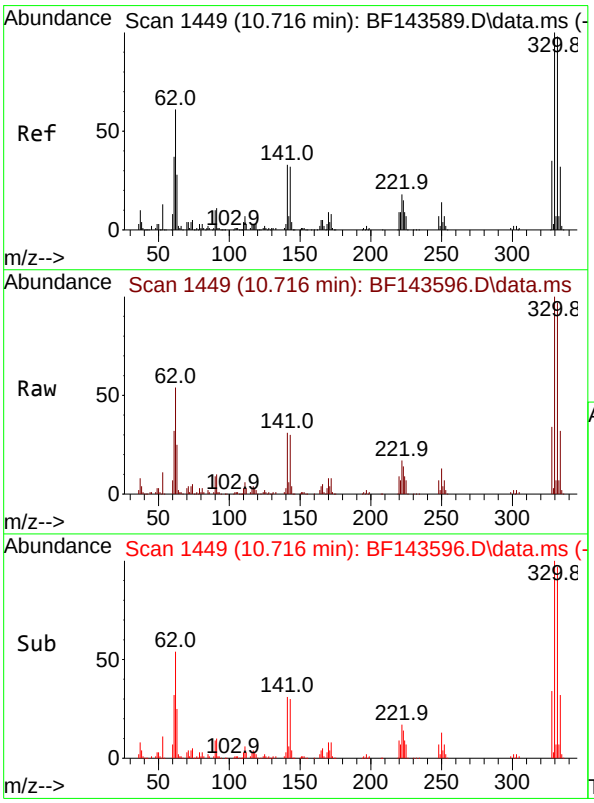
#41
Hexachlorocyclopentadiene
Concen: 42.964 ng
RT: 9.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 137223

Ion	Ratio	Lower	Upper
237	100		
235	61.6	43.8	83.8
272	12.8	0.0	32.8

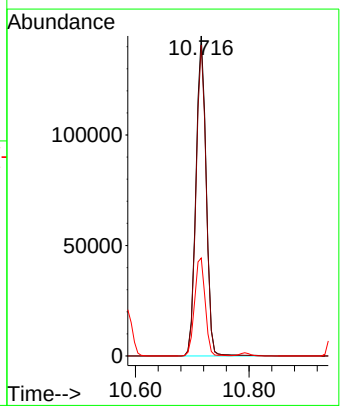


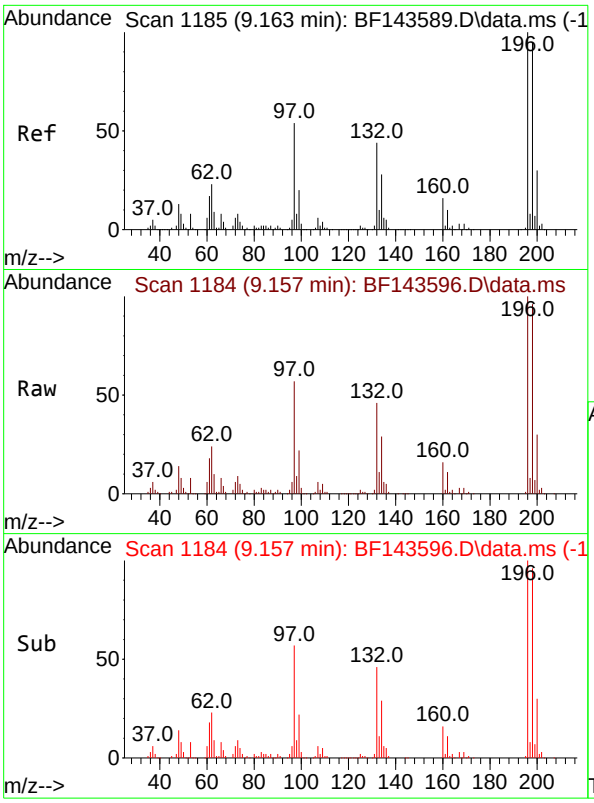


#42
2,4,6-Tribromophenol
Concen: 92.831 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:330 Resp: 181203

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.2	117.4
141	31.9	25.4	38.0



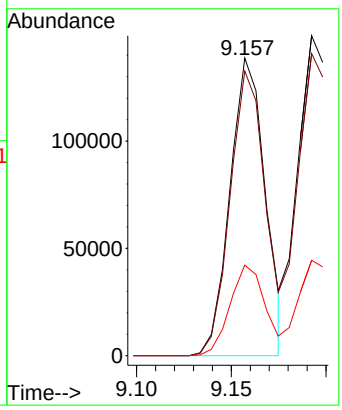


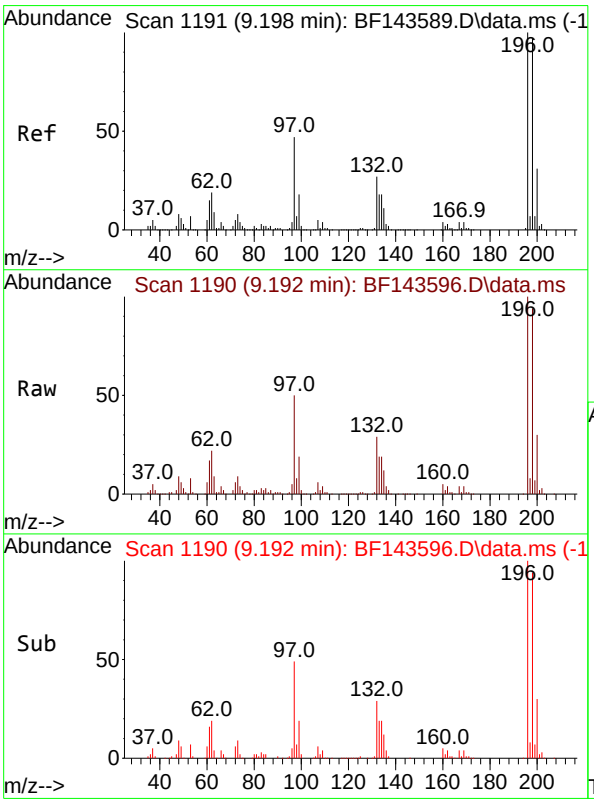
#43
2,4,6-Trichlorophenol
Concen: 41.751 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 179121

Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.8	113.6
200	30.5	24.2	36.4

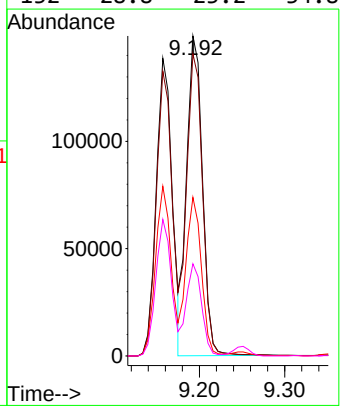


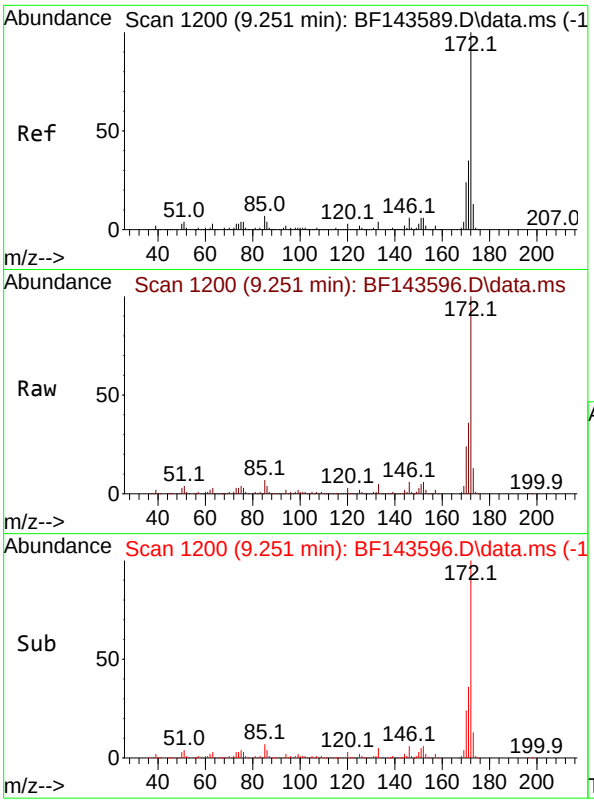


#44
2,4,5-Trichlorophenol
Concen: 44.549 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:196 Resp: 193124

Ion	Ratio	Lower	Upper
196	100		
198	94.4	77.0	115.6
97	49.6	39.3	58.9
132	28.8	23.2	34.8



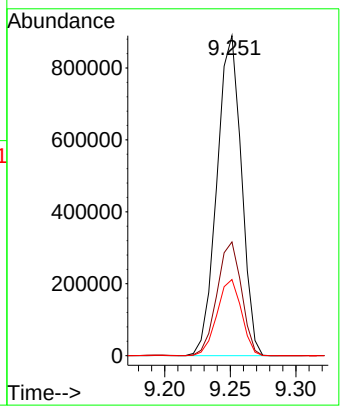


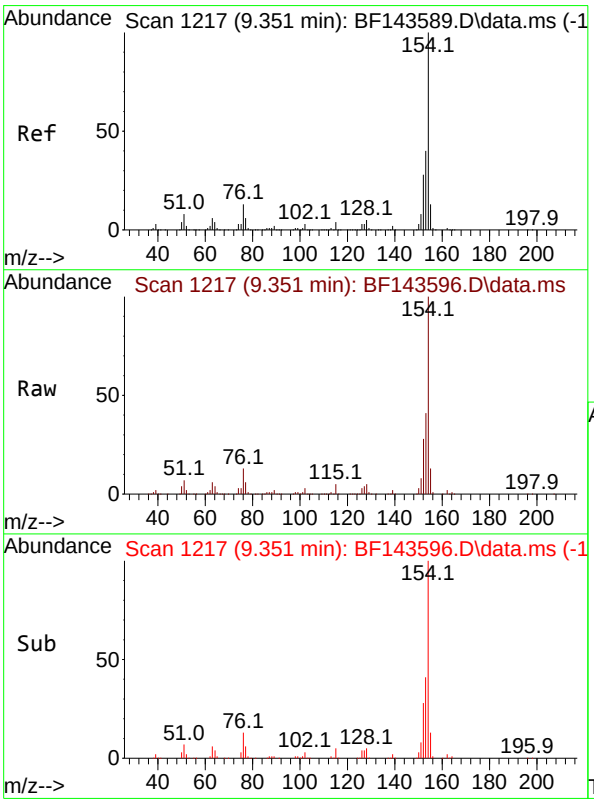
#45
2-Fluorobiphenyl
Concen: 79.179 ng
RT: 9.251 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1155930

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.3	42.5
170	23.8	19.0	28.4

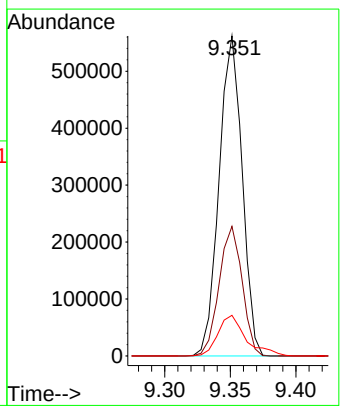


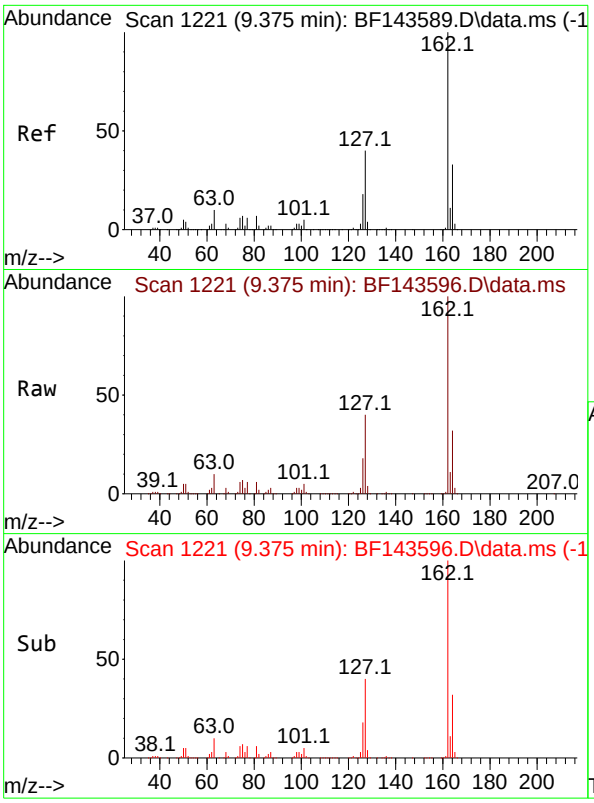


#46
1,1'-Biphenyl
Concen: 39.634 ng
RT: 9.351 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:154 Resp: 686435

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.1	60.1
76	12.7	0.0	33.0



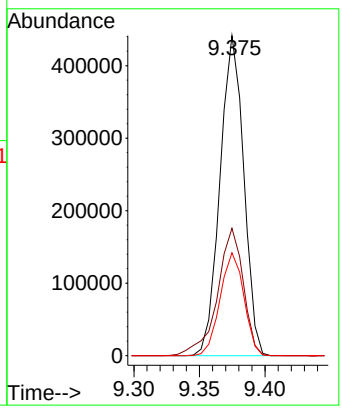


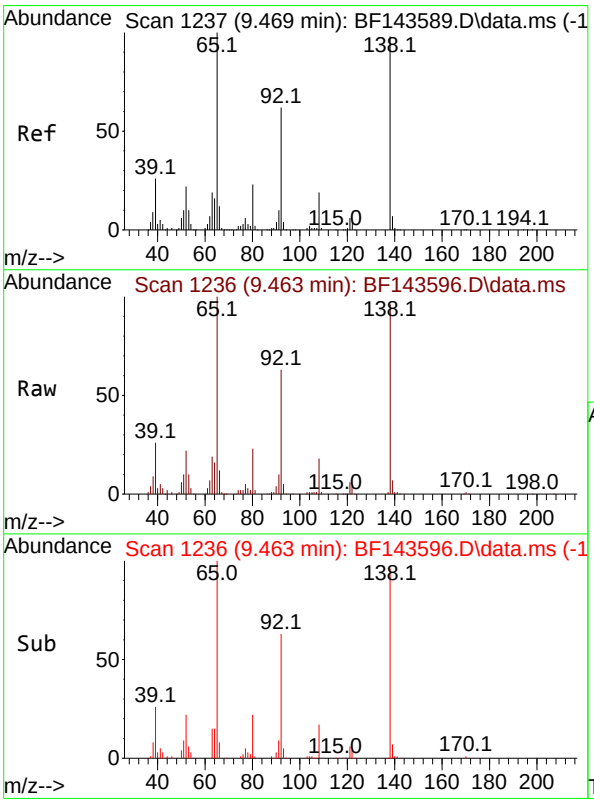
#47
2-Chloronaphthalene
Concen: 40.613 ng
RT: 9.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 555641

Ion	Ratio	Lower	Upper
162	100		
127	39.8	32.6	48.8
164	32.1	26.1	39.1

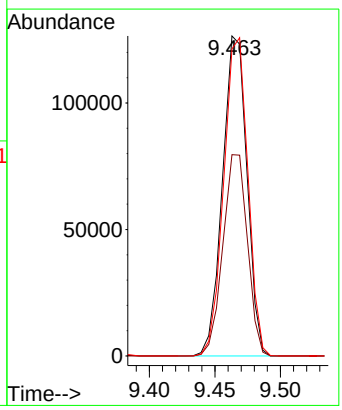


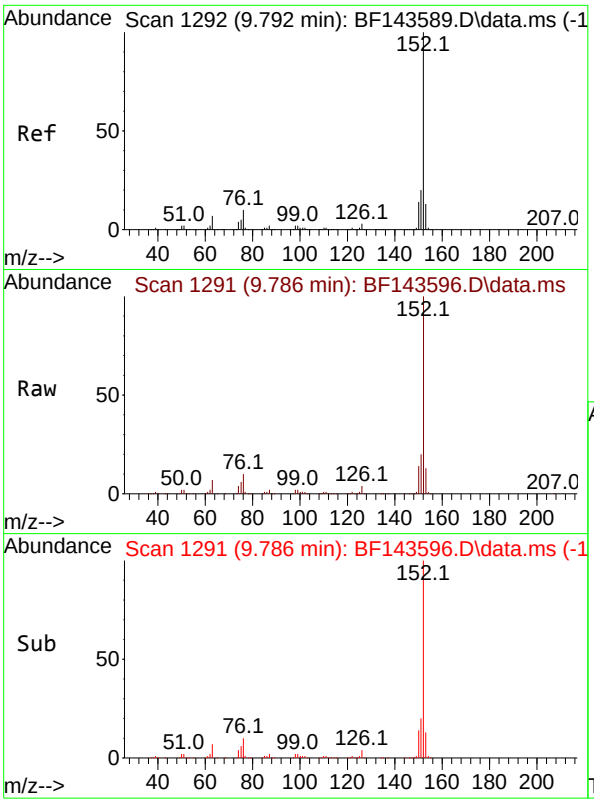


#48
2-Nitroaniline
Concen: 43.589 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion: 65 Resp: 163988

Ion	Ratio	Lower	Upper
65	100		
92	62.9	49.6	74.4
138	96.0	78.6	118.0



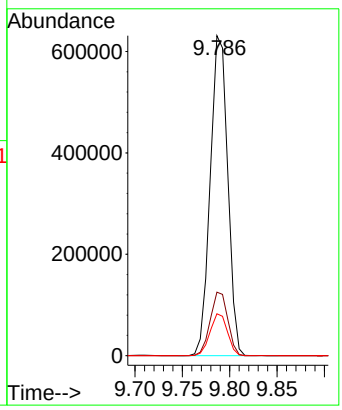


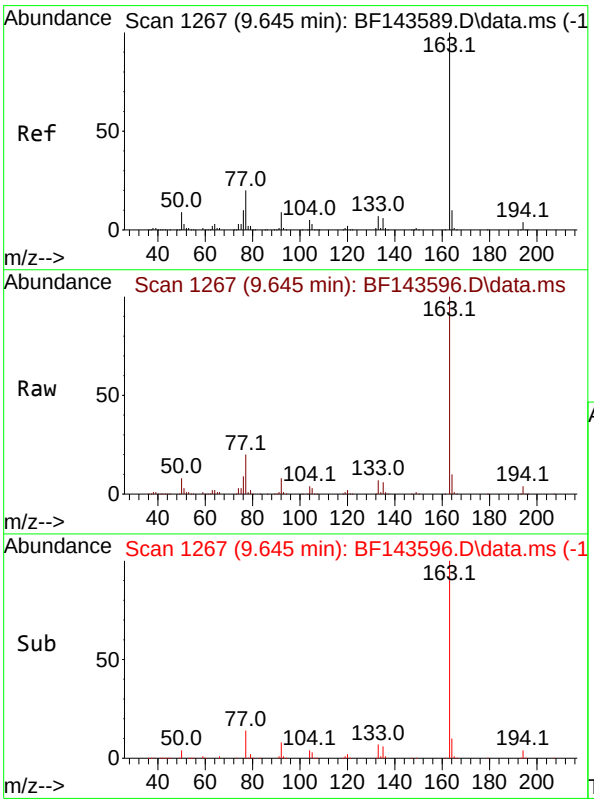
#49
Acenaphthylene
Concen: 40.678 ng
RT: 9.786 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 809737

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.2
153	13.1	10.6	15.8

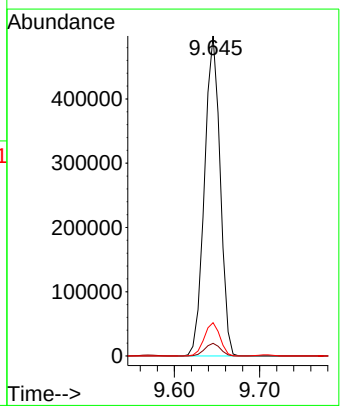


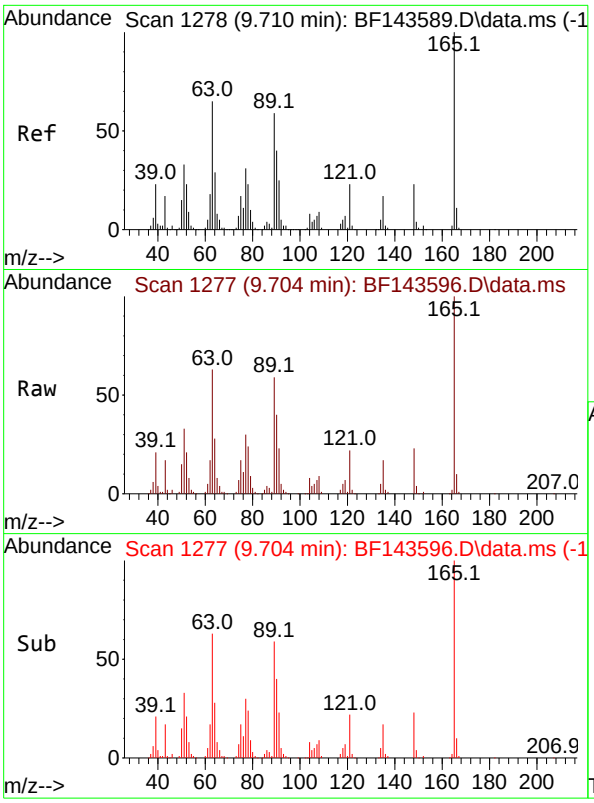


#50
Dimethylphthalate
Concen: 41.427 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:163 Resp: 636027

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.4	8.4	12.6



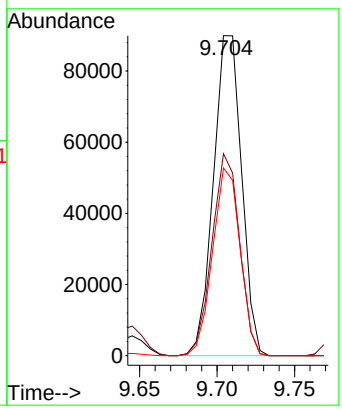


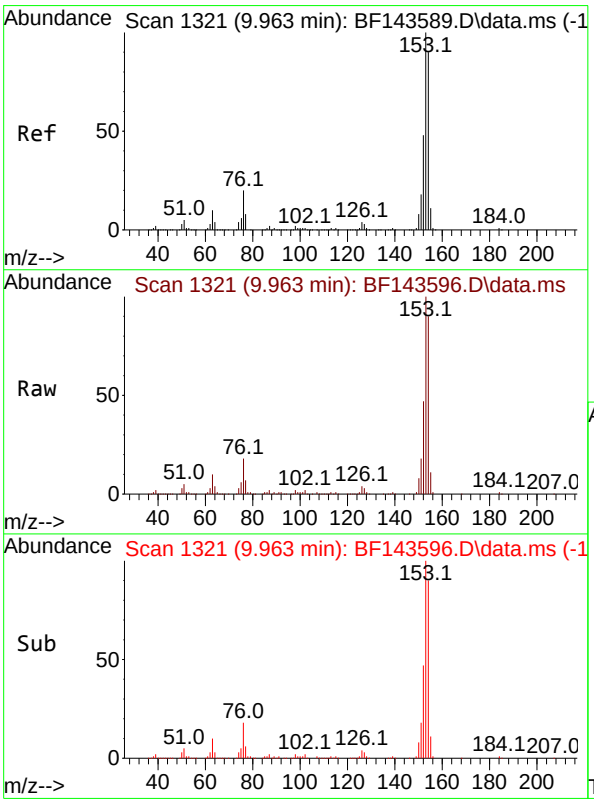
#51
2,6-Dinitrotoluene
Concen: 44.643 ng
RT: 9.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 114167

Ion	Ratio	Lower	Upper
165	100		
63	63.1	51.8	77.6
89	58.7	47.4	71.2

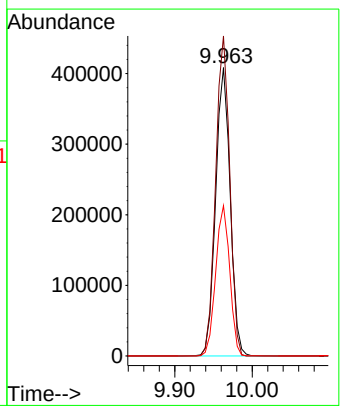


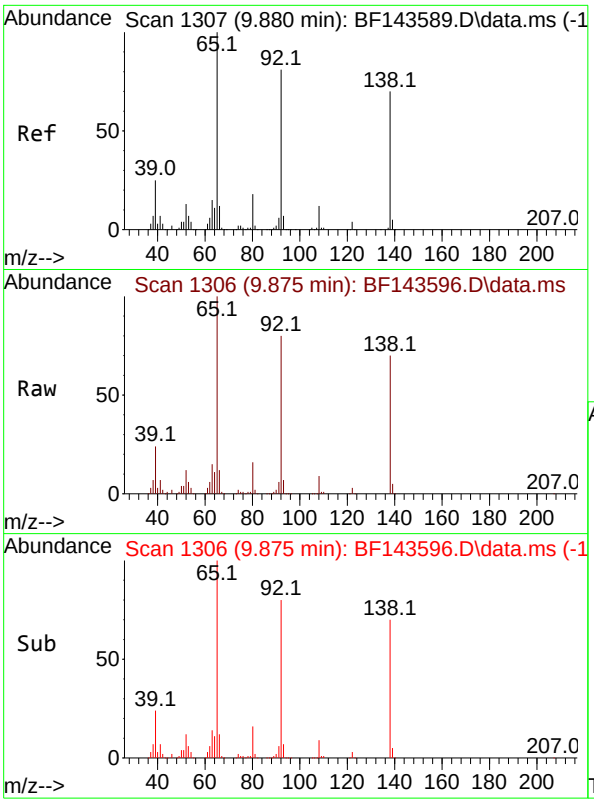


#52
Acenaphthene
Concen: 40.821 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:154 Resp: 532271

Ion	Ratio	Lower	Upper
154	100		
153	111.0	89.0	133.4
152	52.1	42.9	64.3



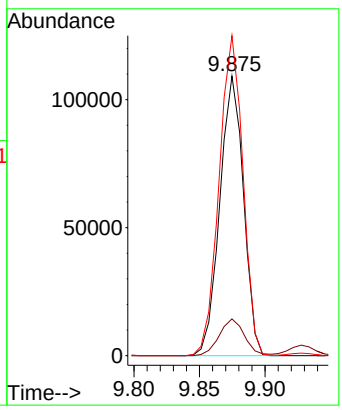


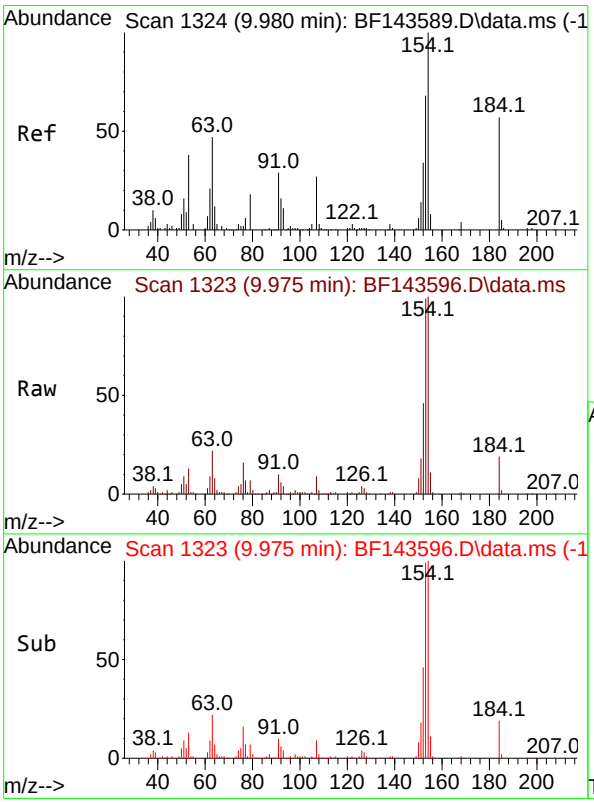
#53
3-Nitroaniline
Concen: 45.175 ng
RT: 9.875 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 136751

Ion	Ratio	Lower	Upper
138	100		
108	13.2	13.8	20.8#
92	114.5	92.6	139.0

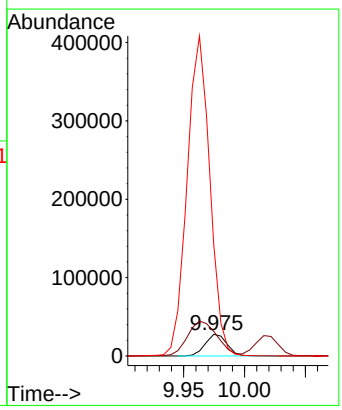


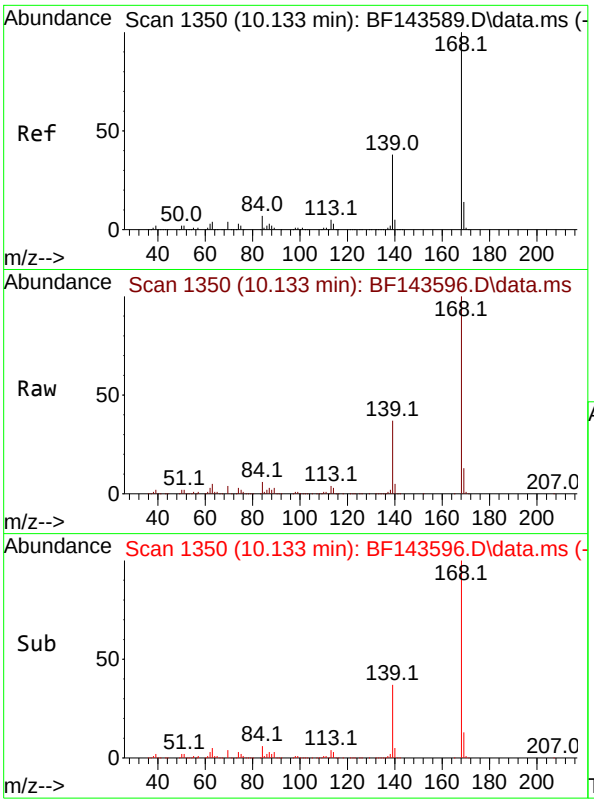


#54
2,4-Dinitrophenol
Concen: 45.529 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:184 Resp: 34191

Ion	Ratio	Lower	Upper
184	100		
63	114.0	80.9	121.3
154	518.7	262.0	393.0#



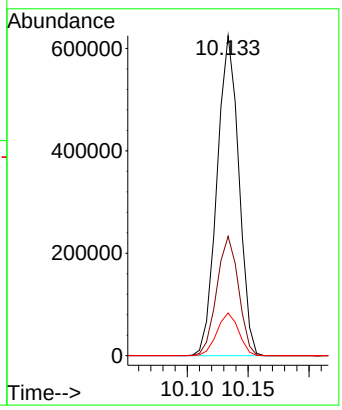


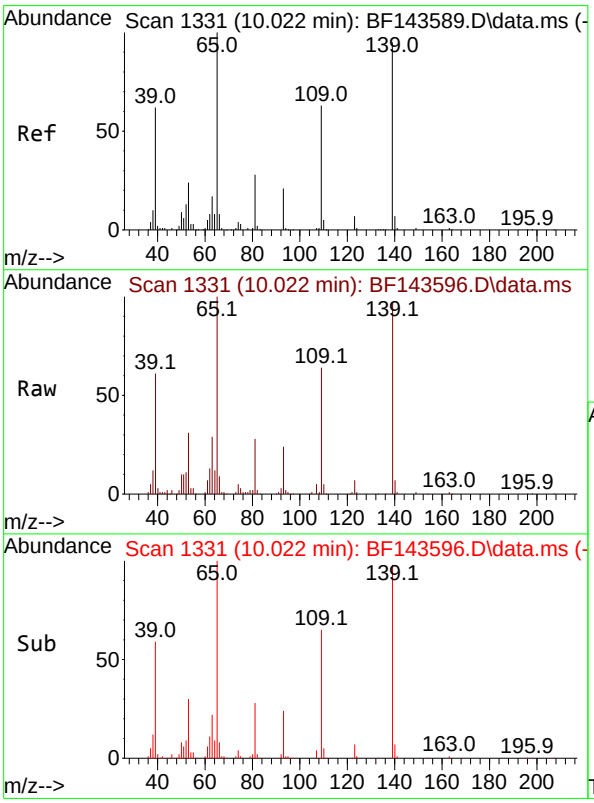
#55
Dibenzofuran
Concen: 40.798 ng
RT: 10.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 779941

Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.6	46.0
169	13.3	10.9	16.3

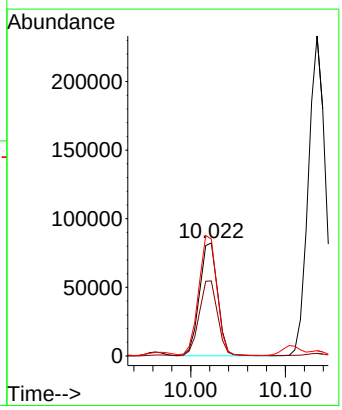


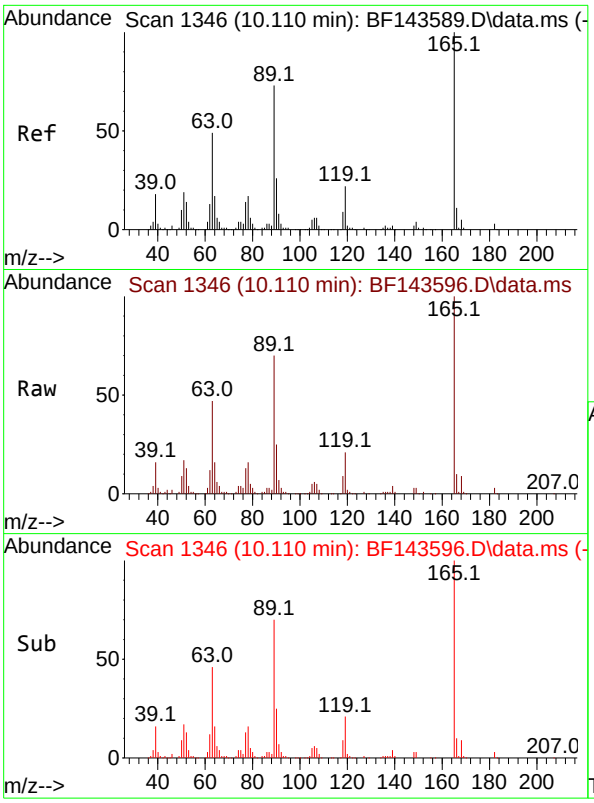


#56
4-Nitrophenol
Concen: 43.975 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:139 Resp: 109464

Ion	Ratio	Lower	Upper
139	100		
109	66.4	47.3	87.3
65	103.6	86.8	126.8



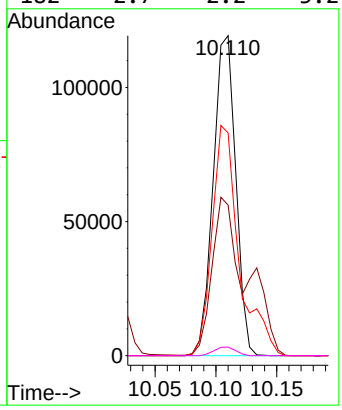


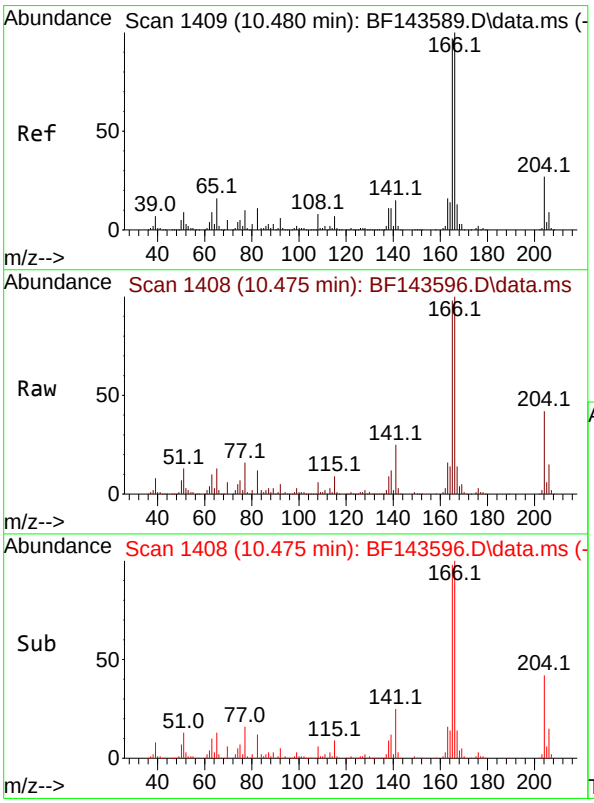
#57
2,4-Dinitrotoluene
Concen: 45.684 ng
RT: 10.110 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 153817

Ion	Ratio	Lower	Upper
165	100		
63	47.0	39.5	59.3
89	69.6	58.1	87.1
182	2.7	2.2	3.2

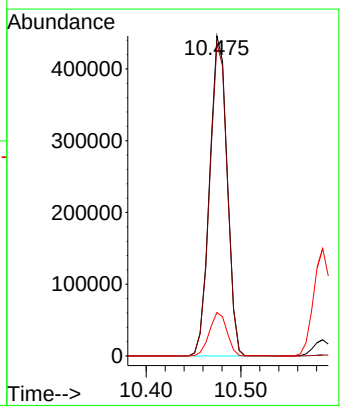


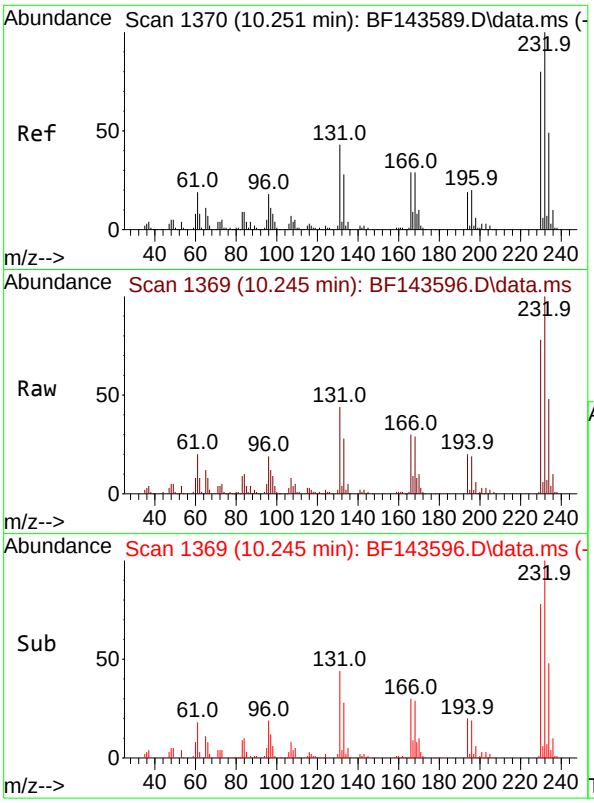


#58
Fluorene
Concen: 39.866 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:166 Resp: 572204

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.7	116.5
167	13.6	10.6	15.8



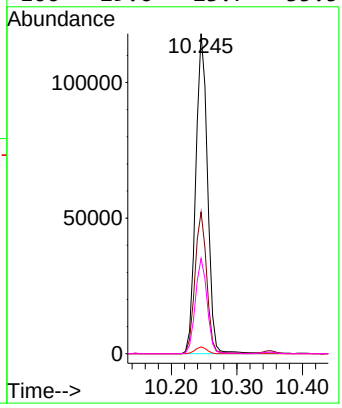


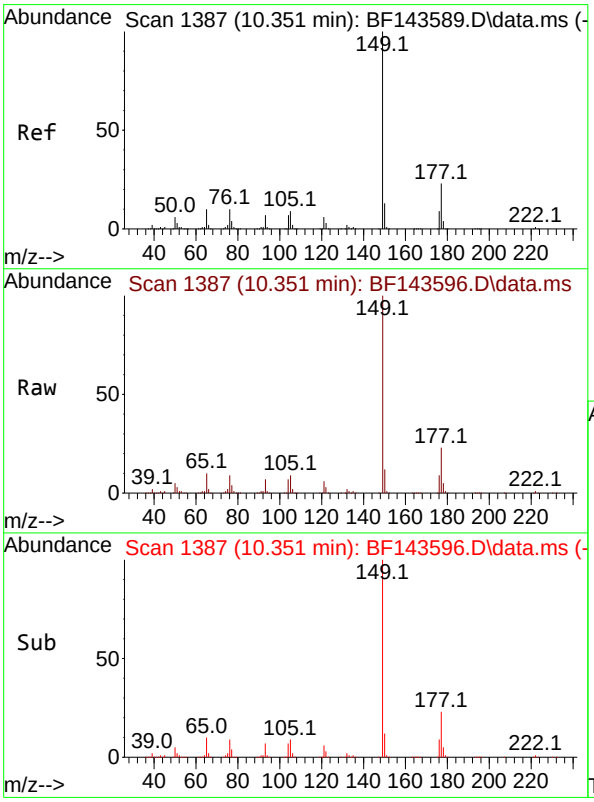
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.269 ng
RT: 10.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 148295

Ion	Ratio	Lower	Upper
232	100		
131	44.0	35.9	53.9
130	2.1	1.8	2.8
166	29.6	23.7	35.5

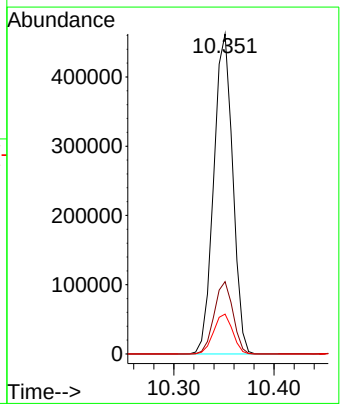


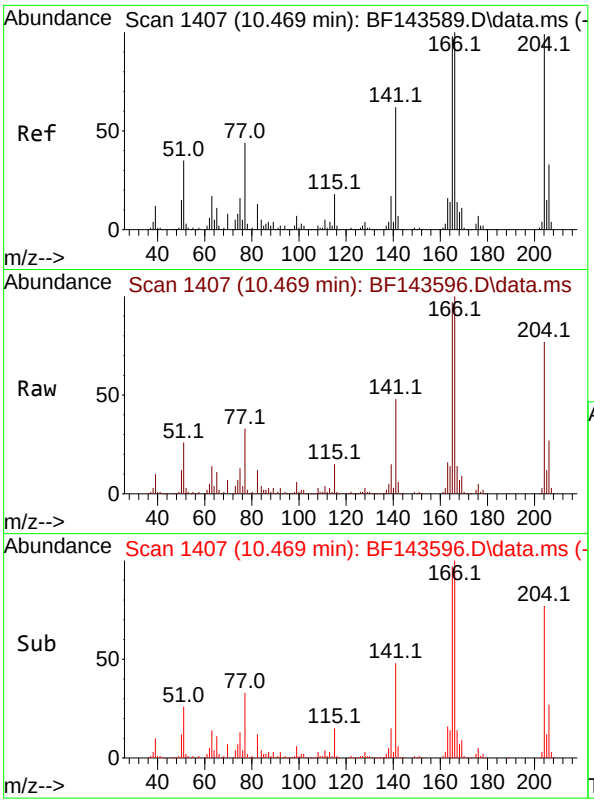


#60
Diethylphthalate
Concen: 42.247 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:149 Resp: 607854

Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.1	27.1
150	12.5	10.1	15.1



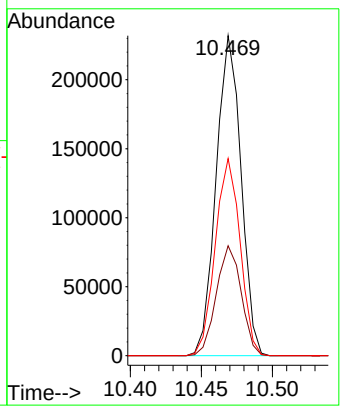


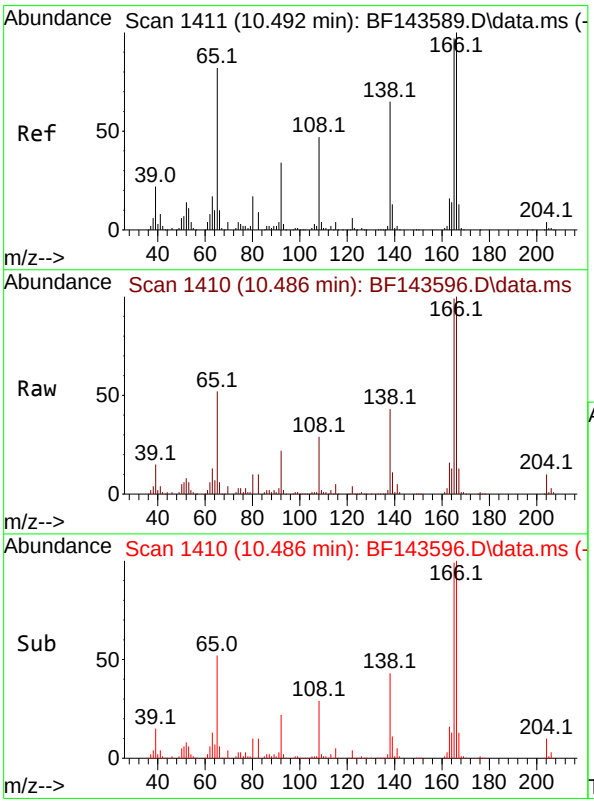
#61
4-Chlorophenyl-phenylether
Concen: 40.265 ng
RT: 10.469 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 282649

Ion	Ratio	Lower	Upper
204	100		
206	34.4	27.0	40.6
141	61.6	50.2	75.2

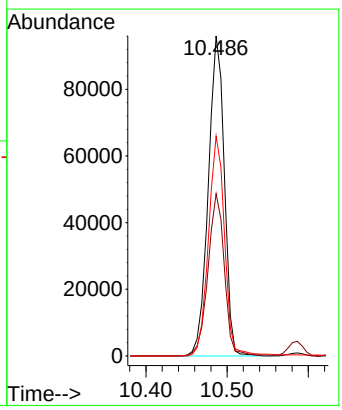


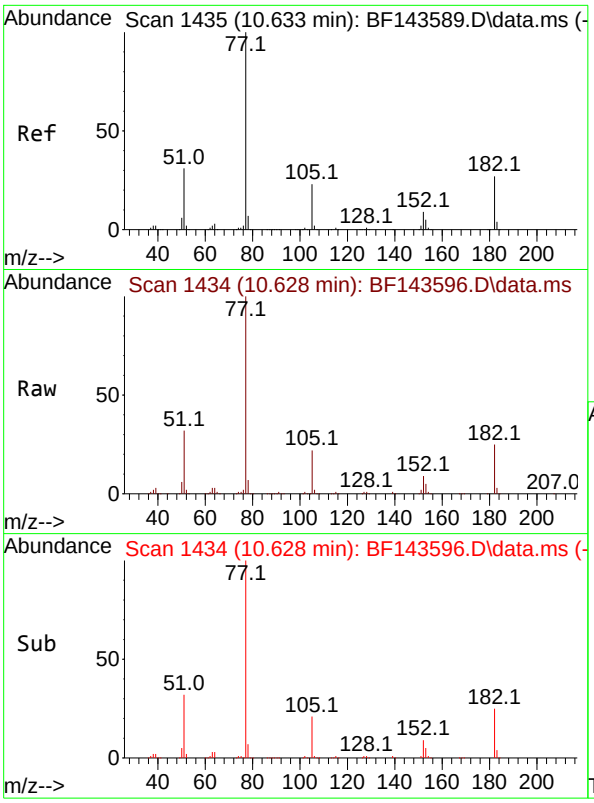


#62
4-Nitroaniline
Concen: 46.227 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:138 Resp: 131575

Ion	Ratio	Lower	Upper
138	100		
92	50.7	31.3	71.3
108	68.7	51.6	91.6



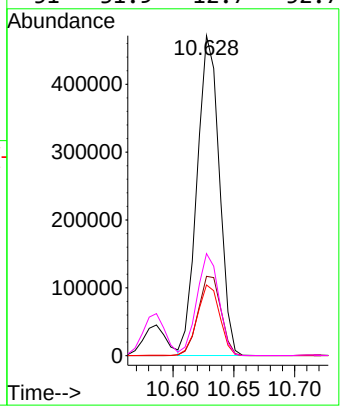


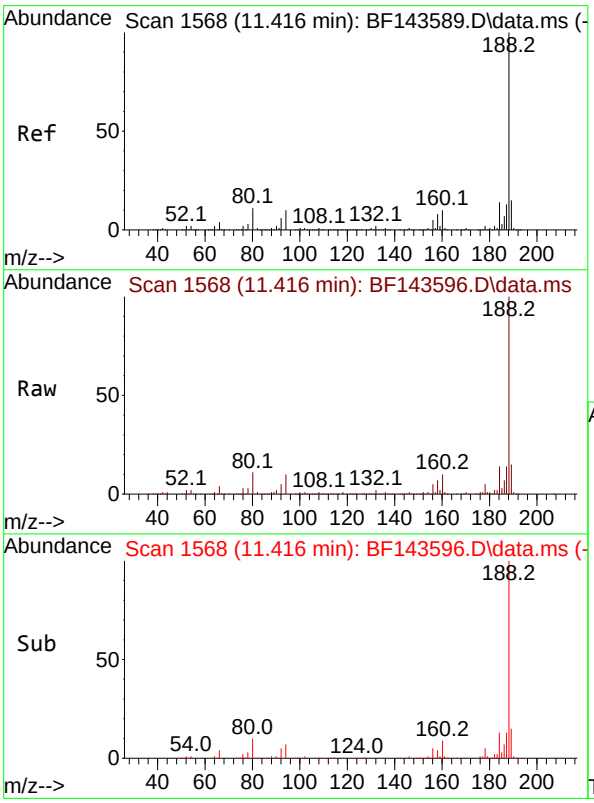
#63
Azobenzene
Concen: 41.009 ng
RT: 10.628 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 598241

Ion	Ratio	Lower	Upper
77	100		
182	24.8	6.3	46.3
105	22.1	2.4	42.4
51	31.9	12.7	52.7

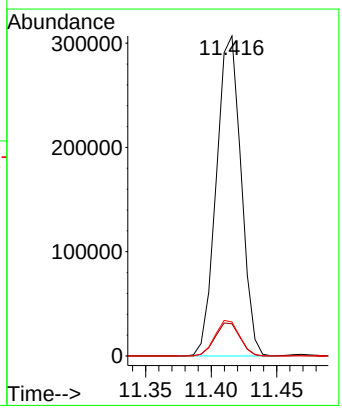


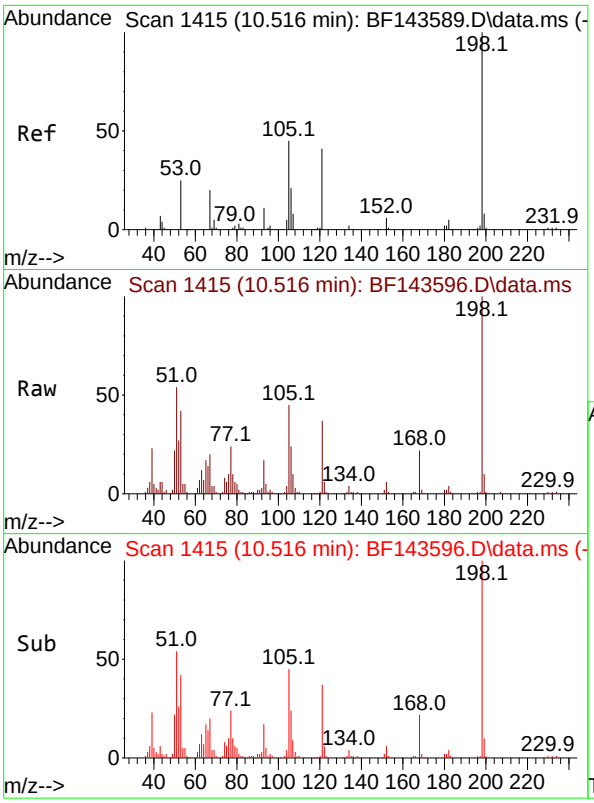


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:188 Resp: 402587

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.2	12.4
80	10.6	8.9	13.3



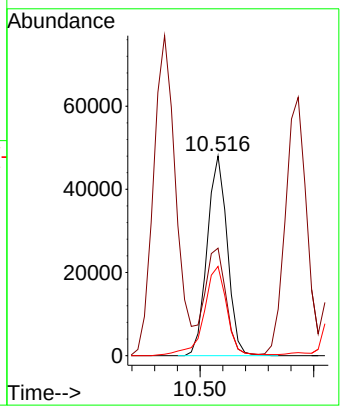


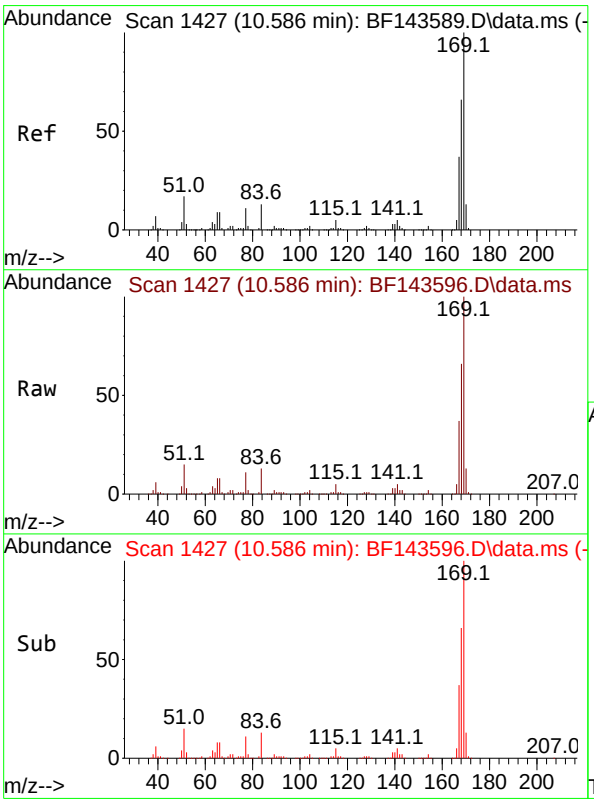
#65
4,6-Dinitro-2-methylphenol
Concen: 45.069 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 59083

Ion	Ratio	Lower	Upper
198	100		
51	53.8	41.5	81.5
105	44.7	28.2	68.2

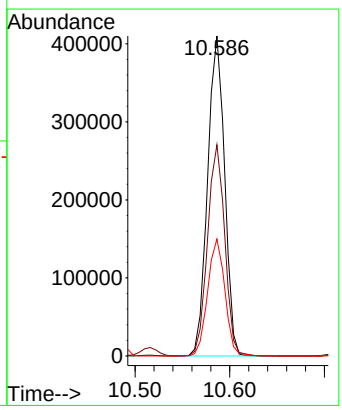


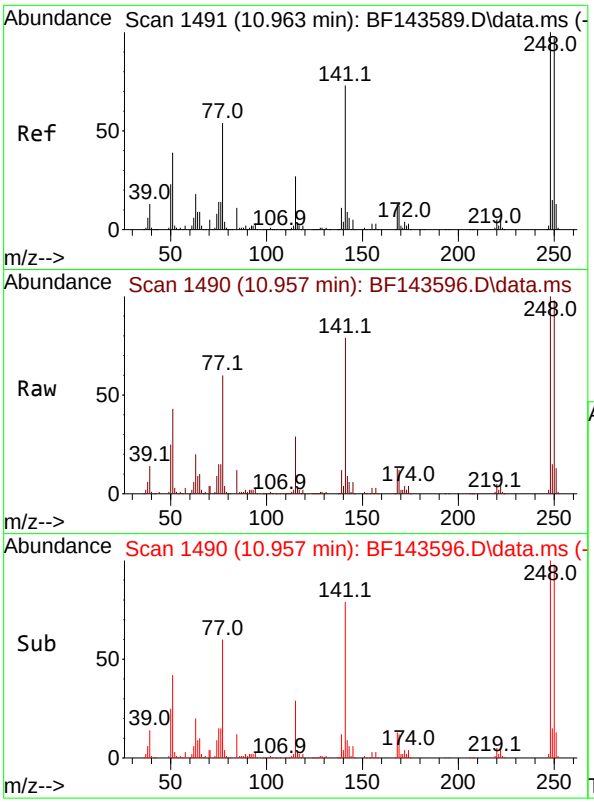


#66
n-Nitrosodiphenylamine
Concen: 39.857 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:169 Resp: 510385

Ion	Ratio	Lower	Upper
169	100		
168	66.0	53.1	79.7
167	36.5	29.3	43.9



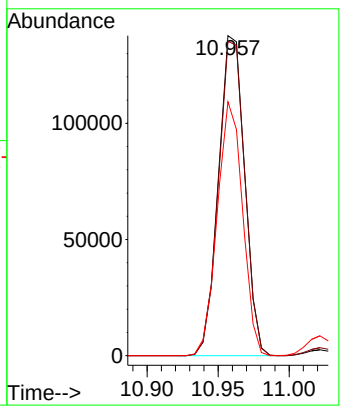


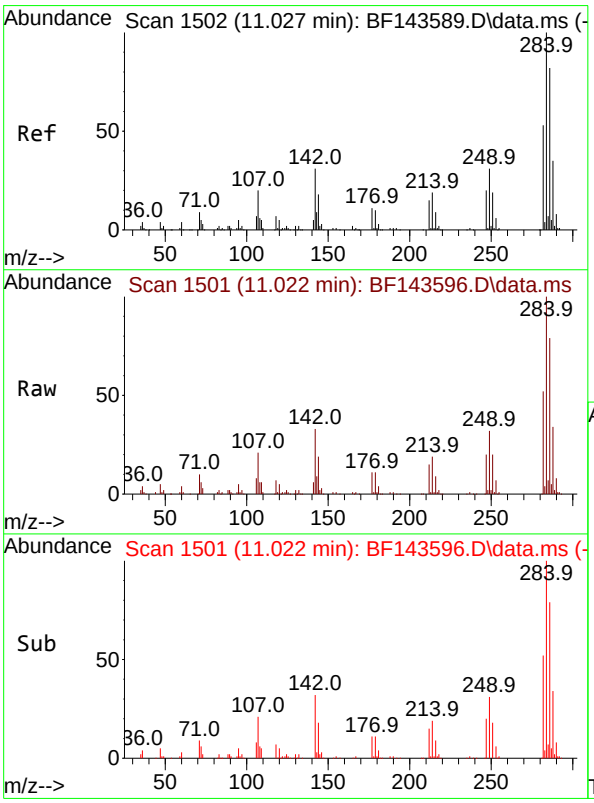
#67
4-Bromophenyl-phenylether
Concen: 40.641 ng
RT: 10.957 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 176974

Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.8	116.6
141	79.4	58.5	87.7

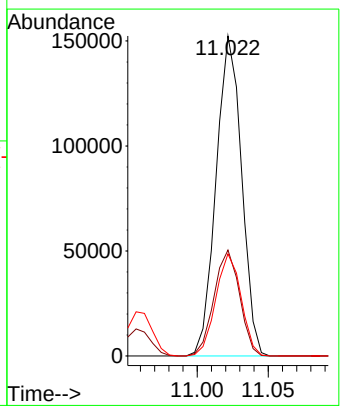


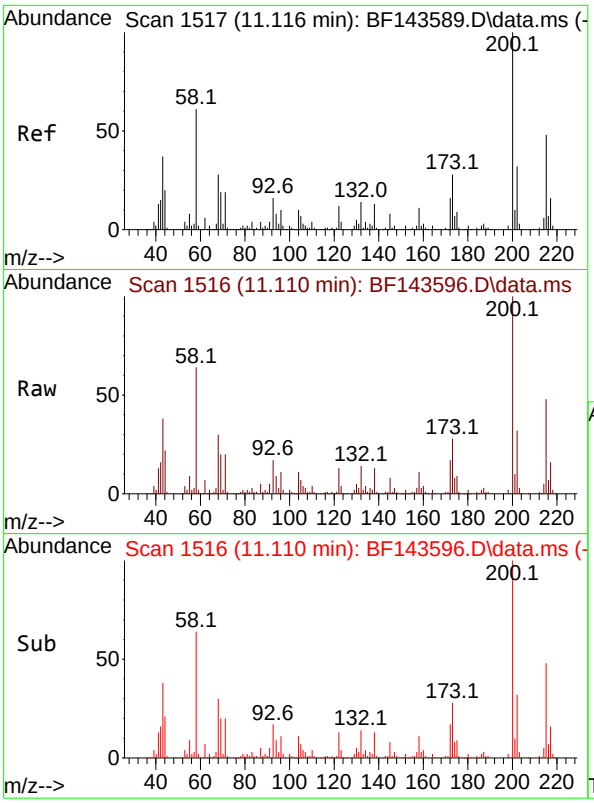


#68
Hexachlorobenzene
Concen: 40.837 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.005 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:284 Resp: 190212

Ion	Ratio	Lower	Upper
284	100		
142	33.1	24.7	37.1
249	31.9	25.0	37.6



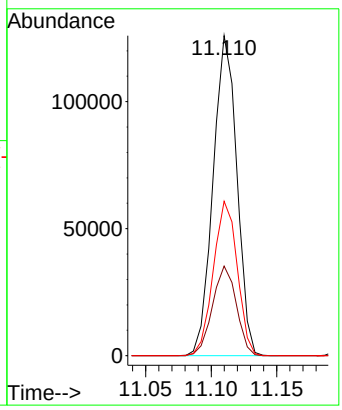


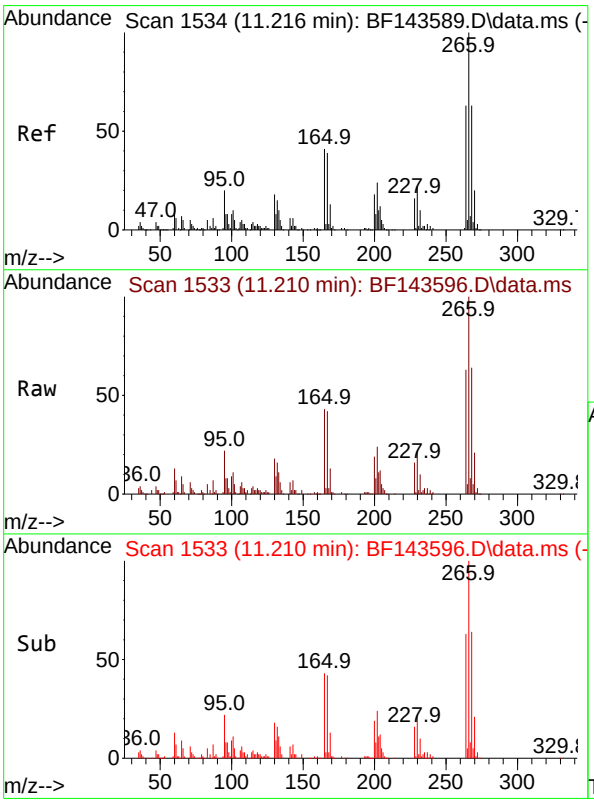
#69
Atrazine
Concen: 43.078 ng
RT: 11.110 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 158566

Ion	Ratio	Lower	Upper
200	100		
173	28.0	7.6	47.6
215	48.2	28.3	68.3

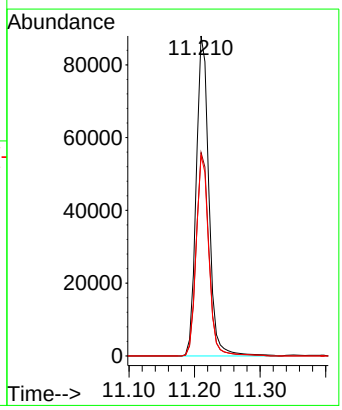


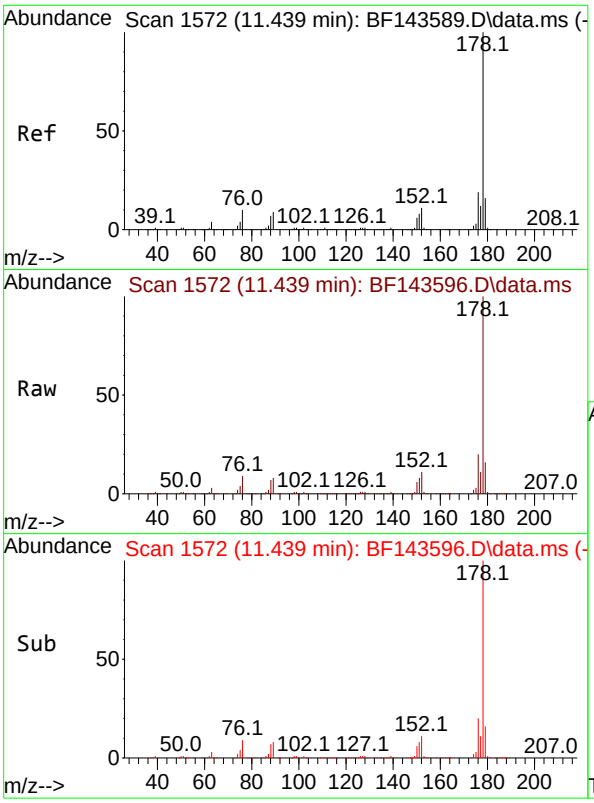


#70
Pentachlorophenol
Concen: 44.544 ng
RT: 11.210 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:266 Resp: 118542

Ion	Ratio	Lower	Upper
266	100		
268	63.6	50.4	75.6
264	62.7	50.1	75.1



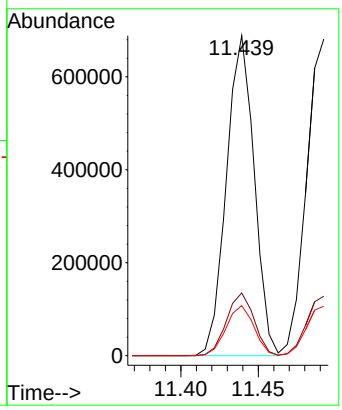


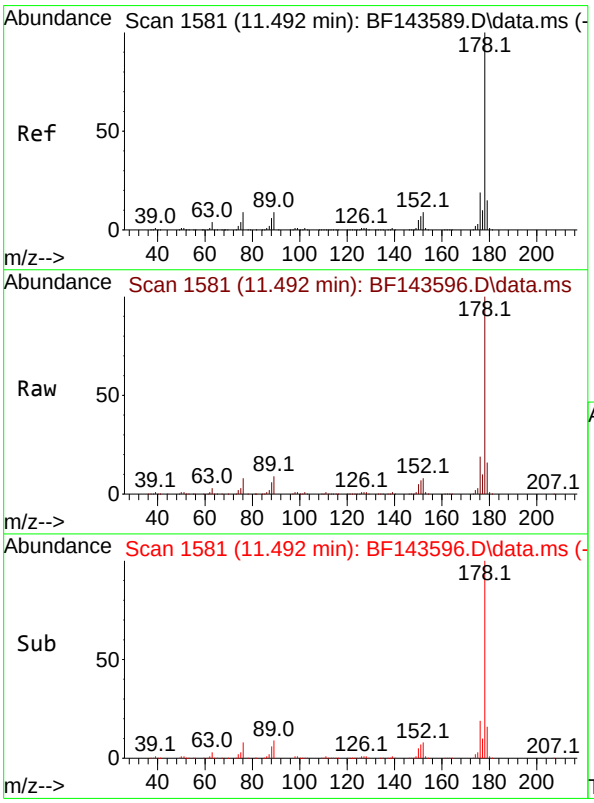
#71
Phenanthrene
Concen: 39.851 ng
RT: 11.439 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 859003

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.6	12.5	18.7

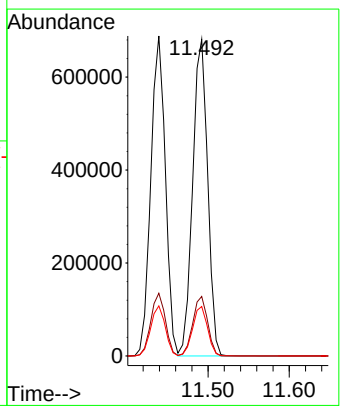


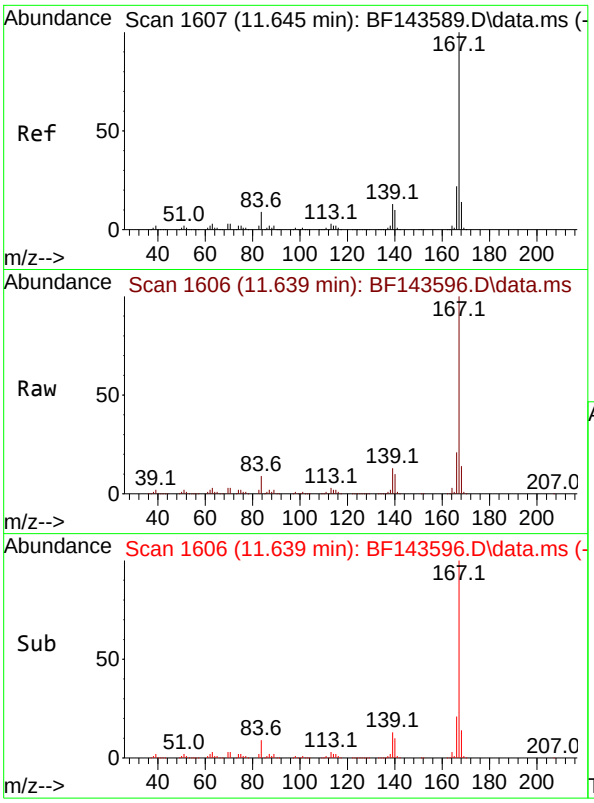


#72
Anthracene
Concen: 40.232 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:178 Resp: 873931

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.6	12.4	18.6



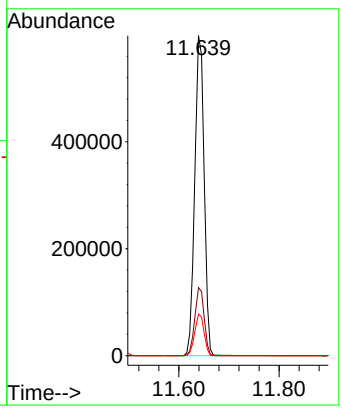


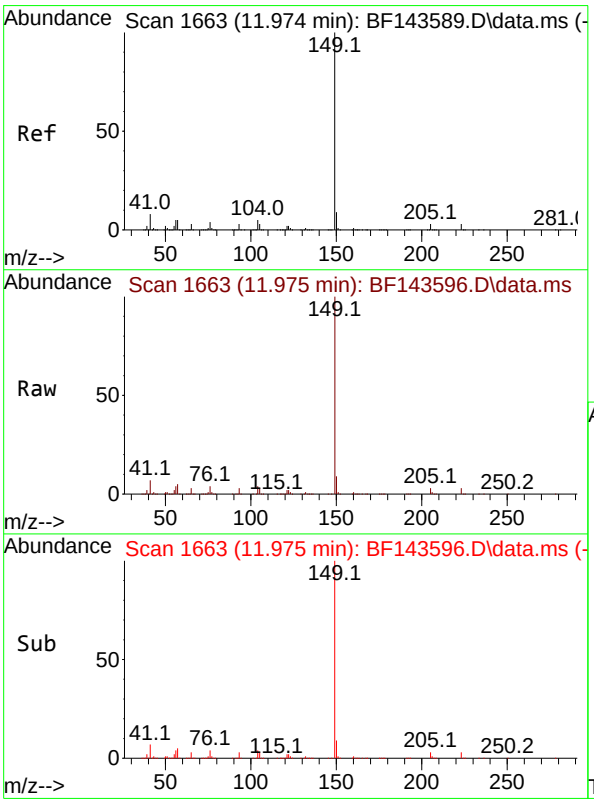
#73
Carbazole
Concen: 41.423 ng
RT: 11.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 777810

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.3	25.9
139	13.0	10.4	15.6

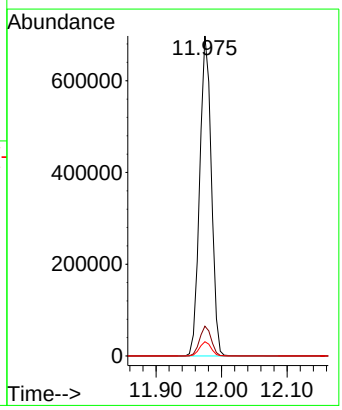


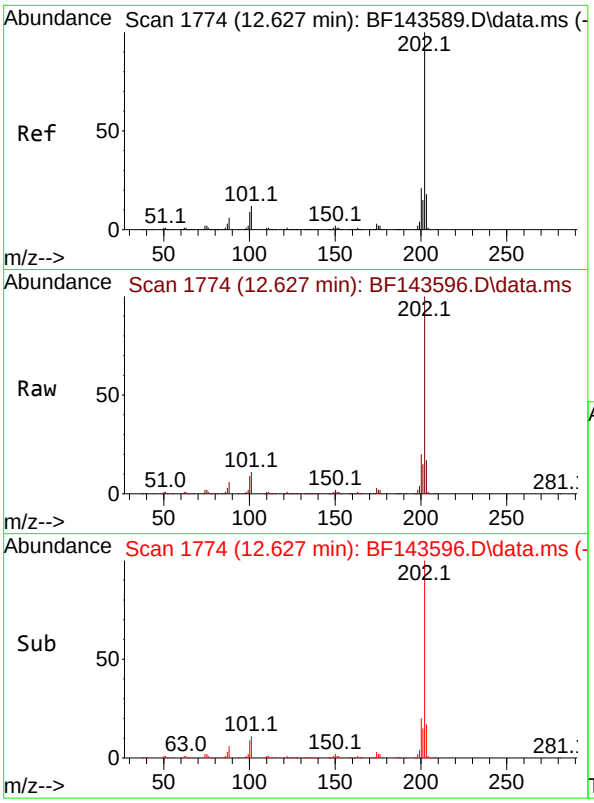


#74
Di-n-butylphthalate
Concen: 45.144 ng
RT: 11.975 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:149 Resp: 863394

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.5	3.6	5.4



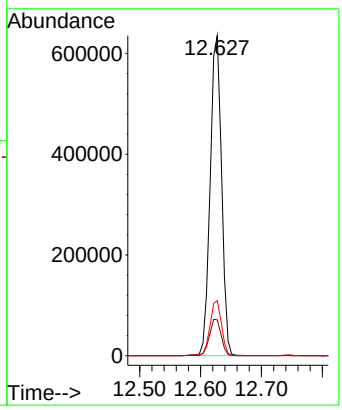


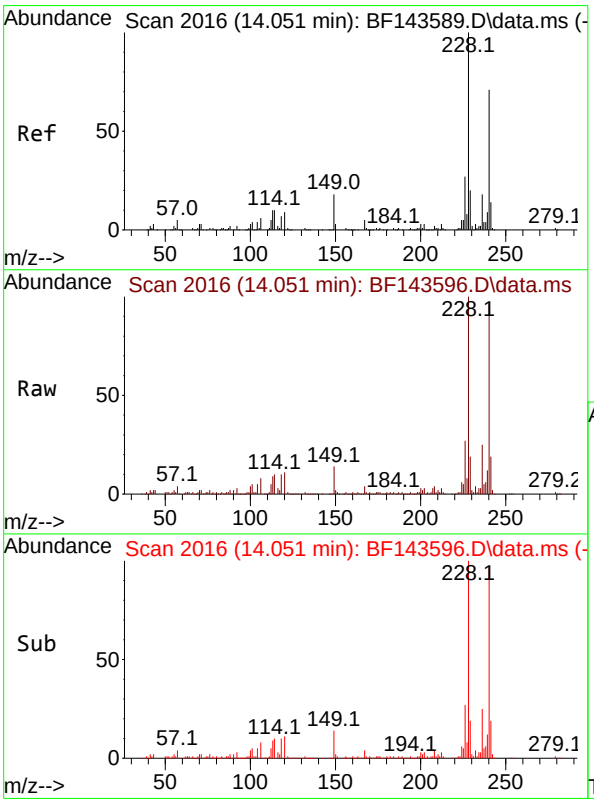
#75
Fluoranthene
Concen: 41.982 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 826266

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	32.3
203	17.2	0.0	37.5

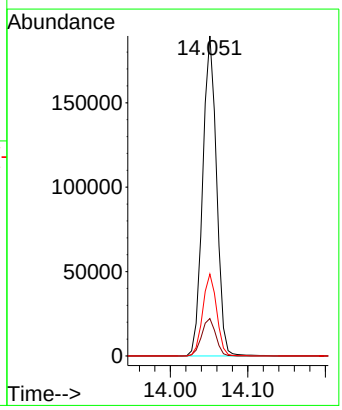


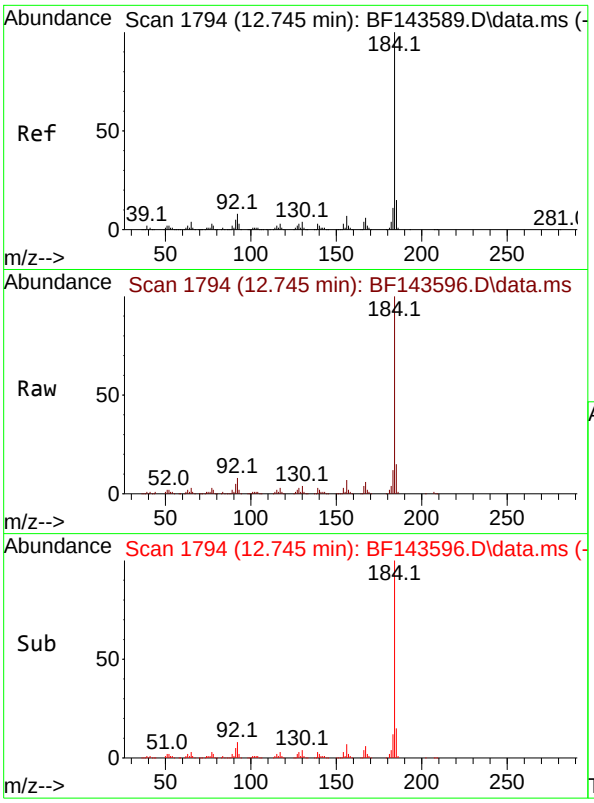


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:240 Resp: 235836

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.6	14.4
236	25.6	20.2	30.2



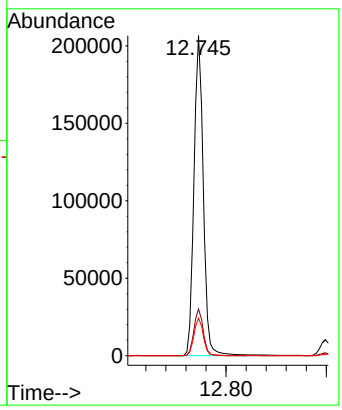


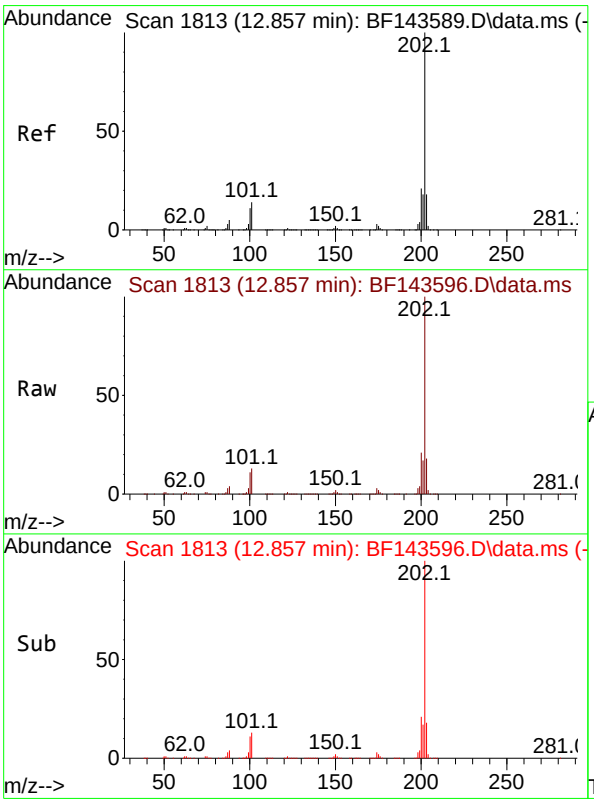
#77
Benzidine
Concen: 49.234 ng
RT: 12.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 267324

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.8	17.6
183	11.8	9.1	13.7

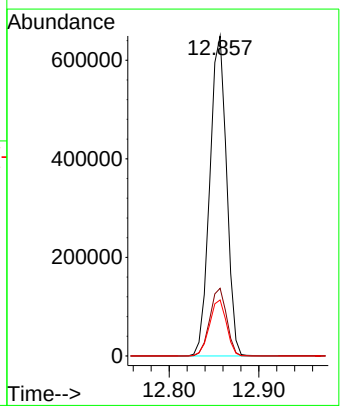


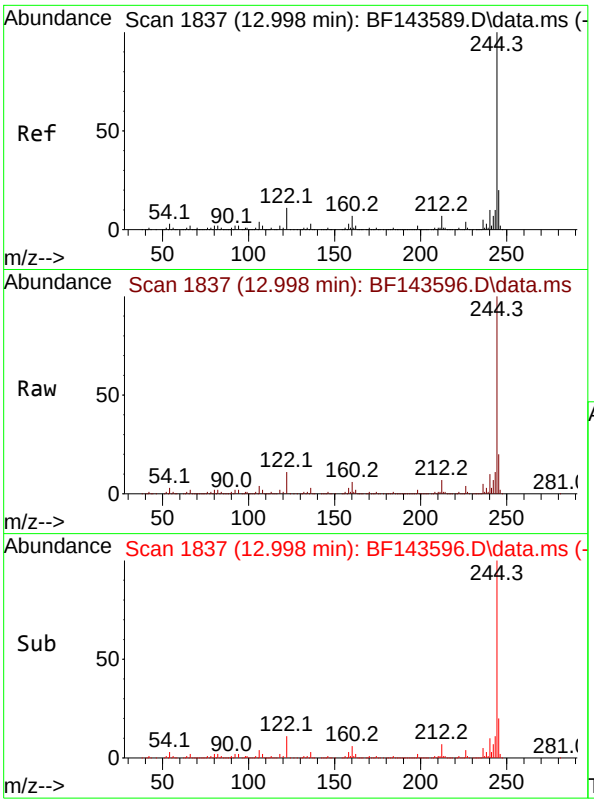


#78
Pyrene
Concen: 42.706 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:202 Resp: 842894

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.5	14.2	21.4



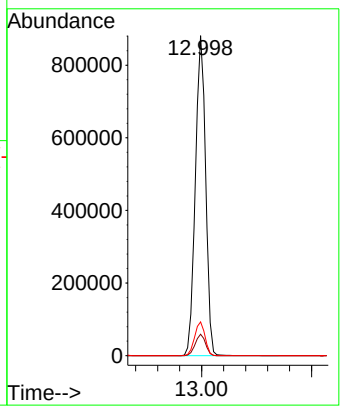


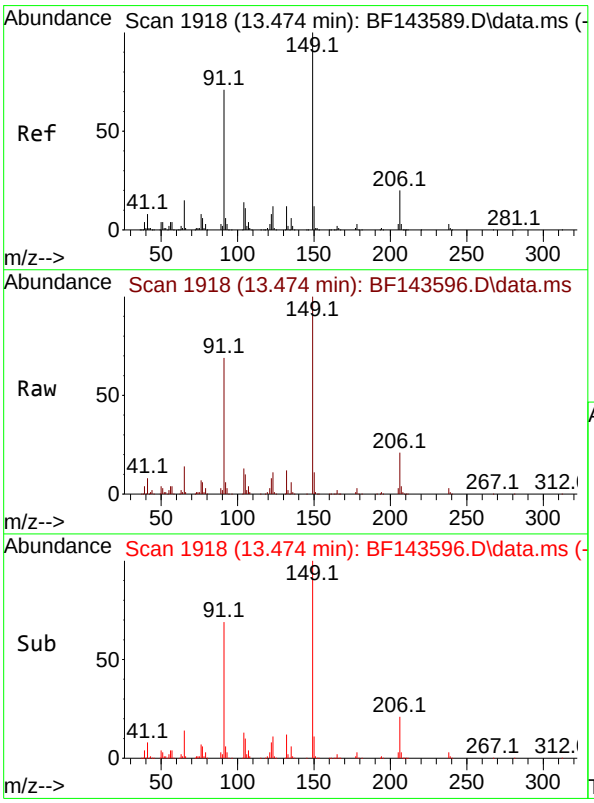
#79
Terphenyl-d14
Concen: 87.117 ng
RT: 12.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 1144918

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	10.6	8.8	13.2

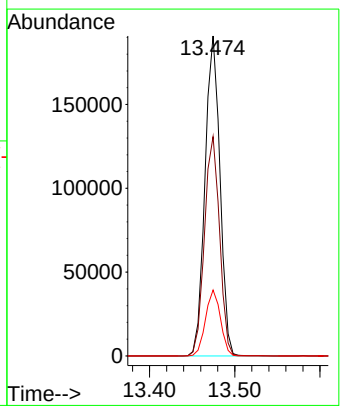


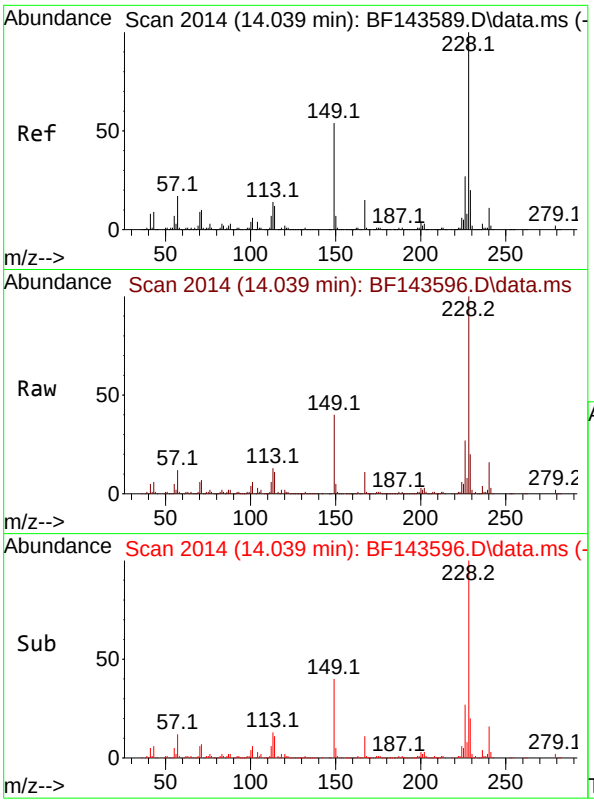


#80
Butylbenzylphthalate
Concen: 42.234 ng
RT: 13.474 min Scan# 1918
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:149 Resp: 232746

Ion	Ratio	Lower	Upper
149	100		
91	68.6	56.8	85.2
206	20.6	16.2	24.2



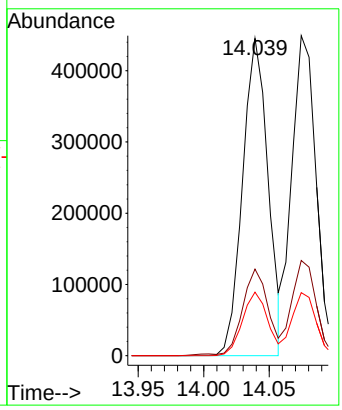


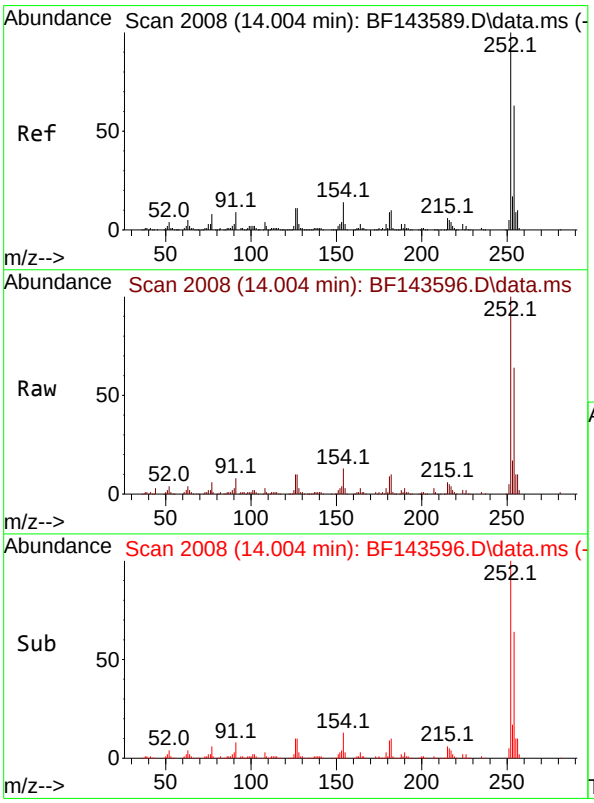
#81
Benzo(a)anthracene
Concen: 40.621 ng
RT: 14.039 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 602700

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	20.0	16.1	24.1

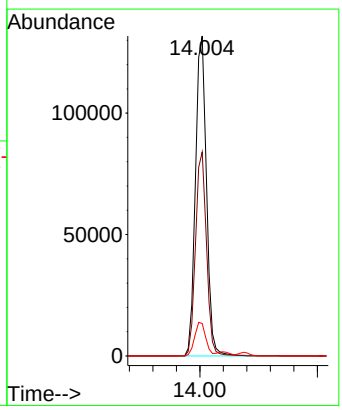


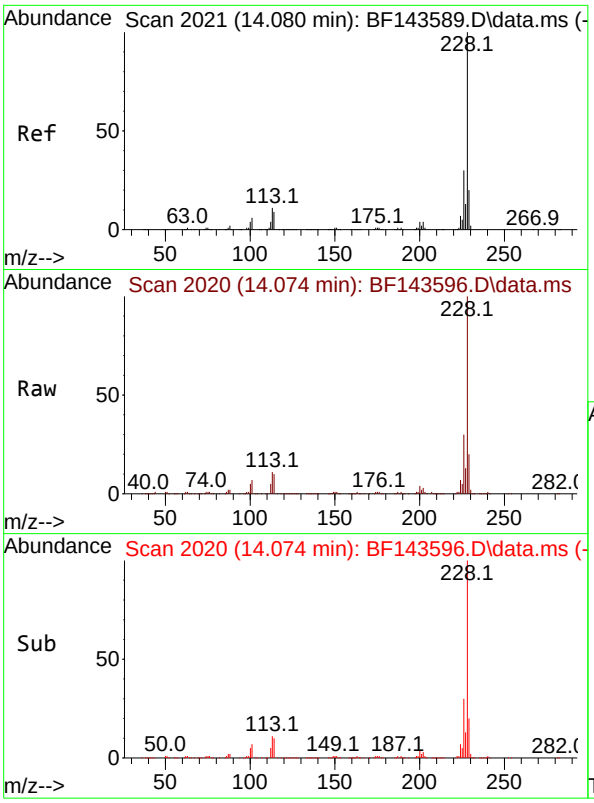


#82
3,3'-Dichlorobenzidine
Concen: 43.169 ng
RT: 14.004 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:252 Resp: 171725

Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.2	75.2
126	10.1	9.1	13.7



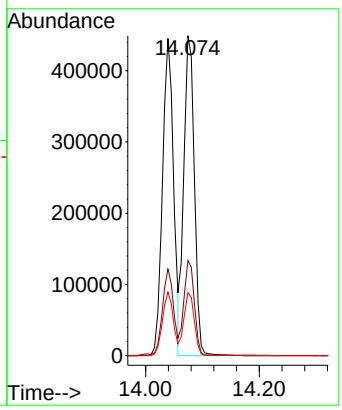


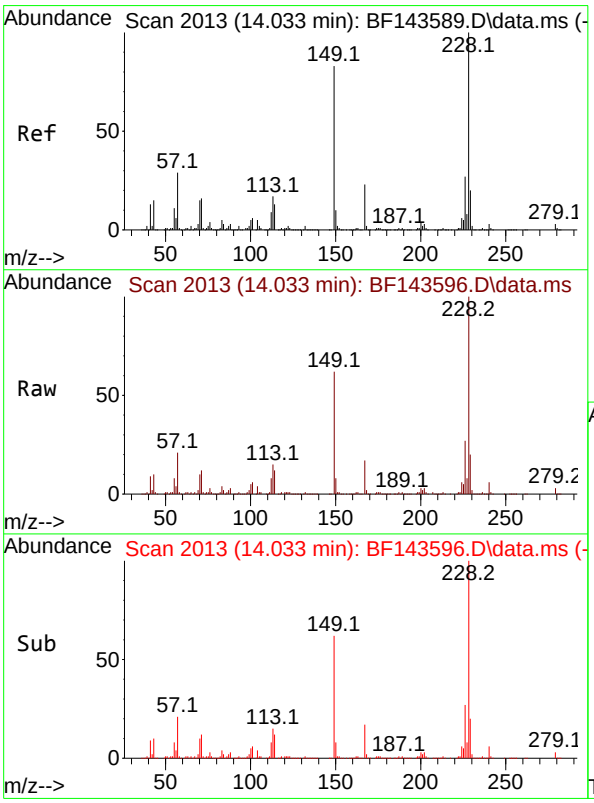
#83
Chrysene
Concen: 41.939 ng
RT: 14.074 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 579917

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.2
229	19.7	15.8	23.8

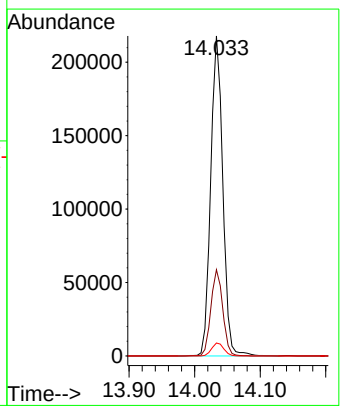


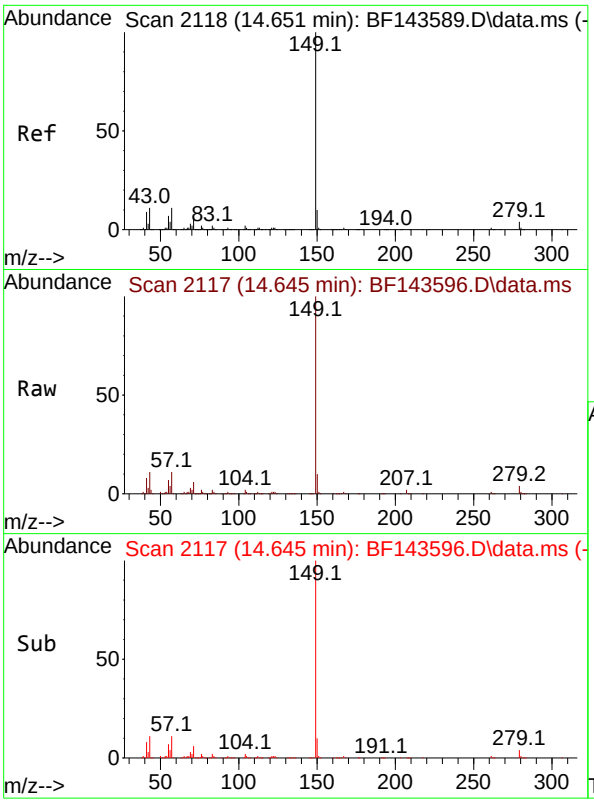


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.368 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:149 Resp: 279680

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.8	32.8
279	4.0	2.9	4.3



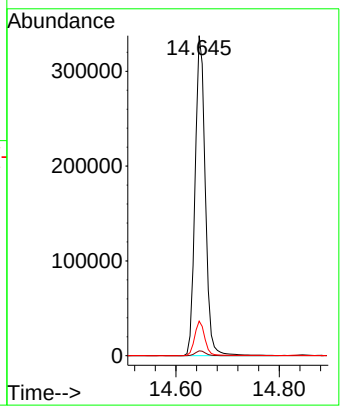


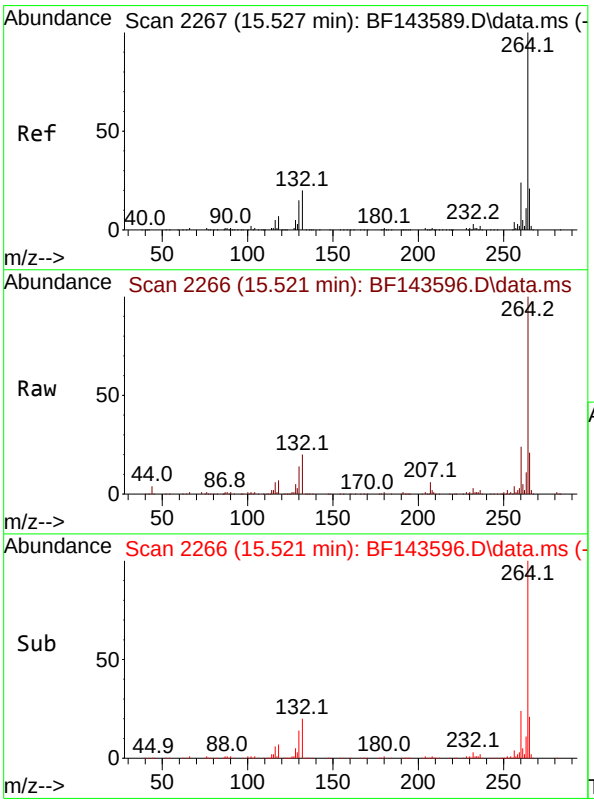
#85
Di-n-octyl phthalate
Concen: 35.945 ng
RT: 14.645 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 459386

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.9	9.5	14.3

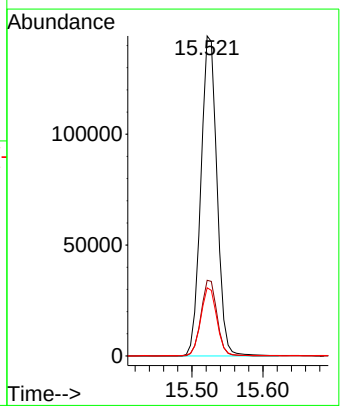


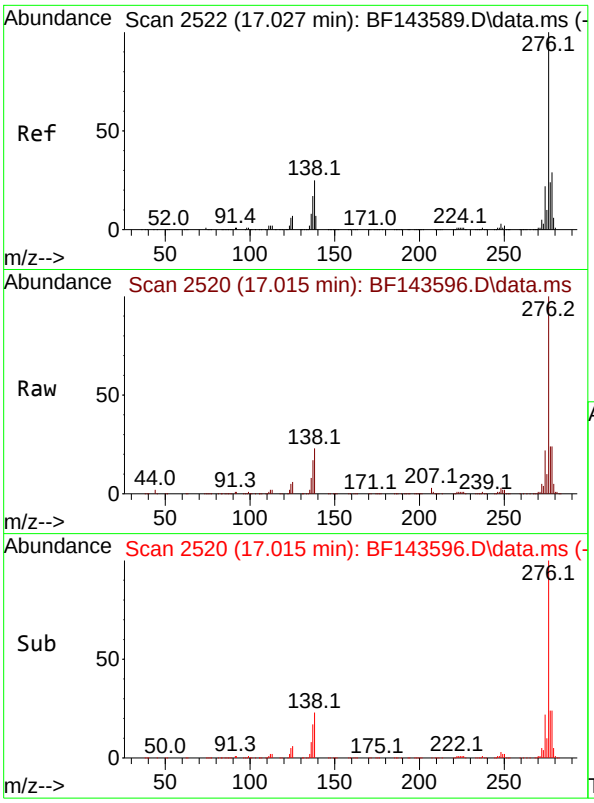


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:264 Resp: 227679

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.3	17.0	25.4



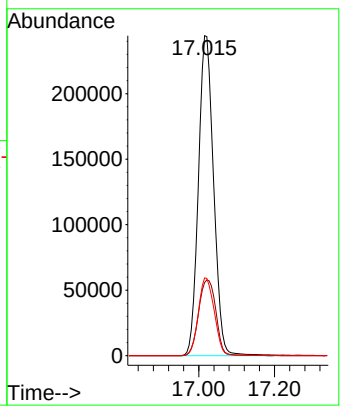


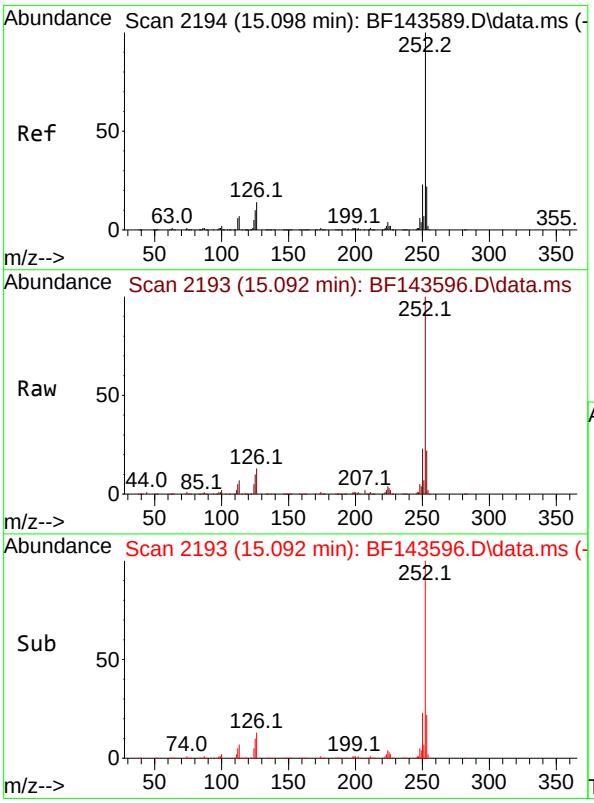
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.961 ng
RT: 17.015 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 680968

Ion	Ratio	Lower	Upper
276	100		
138	26.8	22.3	33.5
277	25.3	20.0	30.0

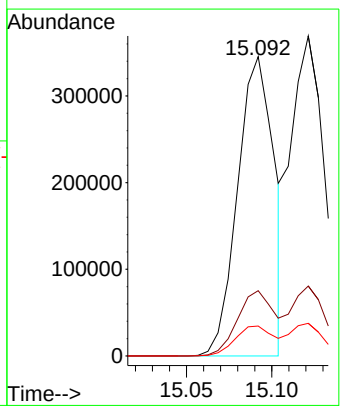


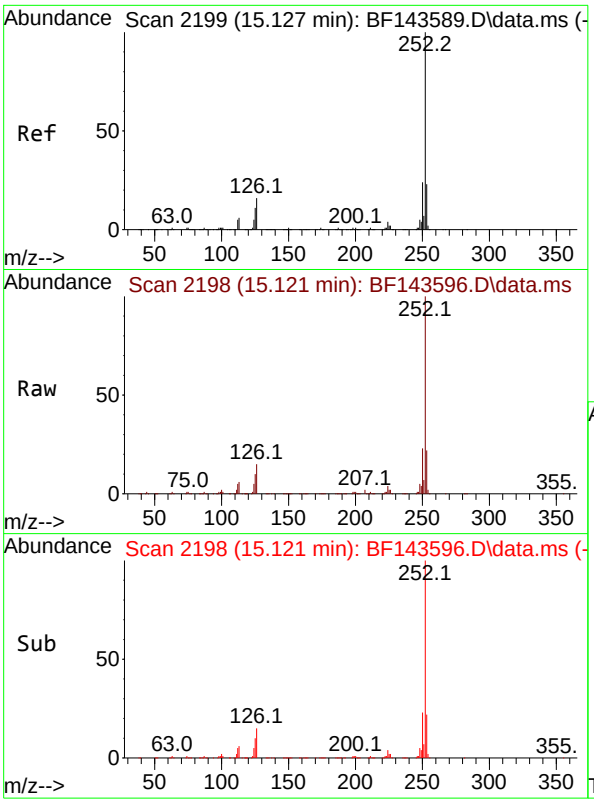


#88
Benzo(b)fluoranthene
Concen: 39.451 ng
RT: 15.092 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:252 Resp: 513211

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	10.0	8.2	12.2



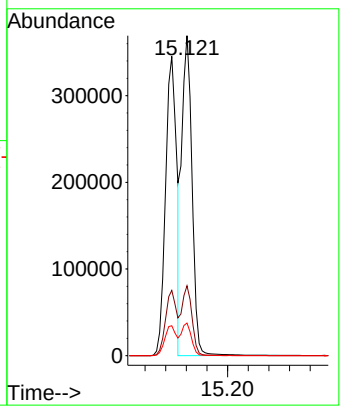


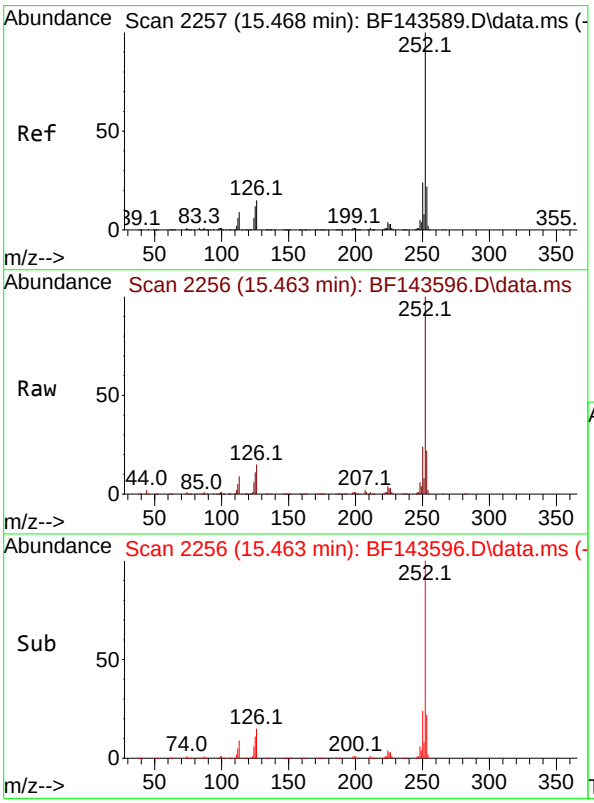
#89
Benzo(k)fluoranthene
Concen: 42.213 ng
RT: 15.121 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 513447

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	10.2	8.2	12.4

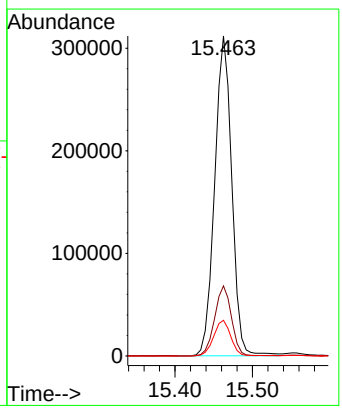


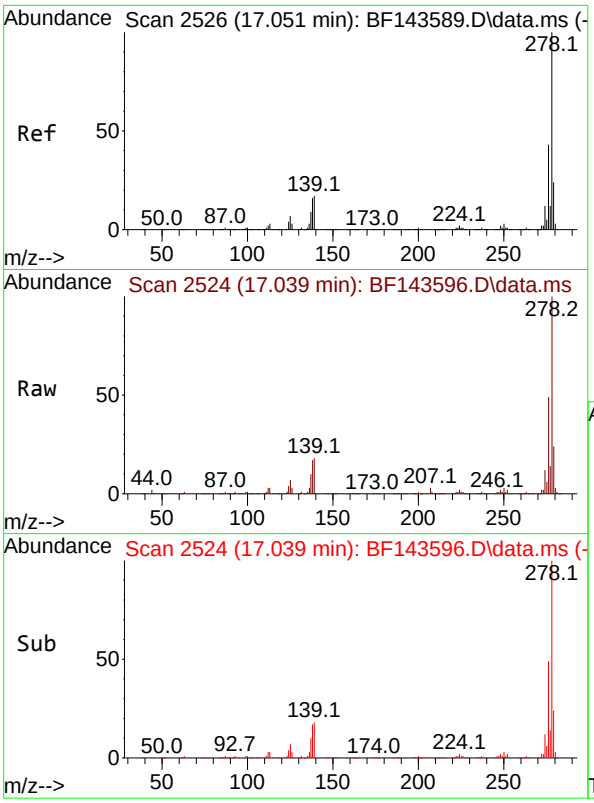


#90
Benzo(a)pyrene
Concen: 41.668 ng
RT: 15.463 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:252 Resp: 478931

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	11.2	9.2	13.8



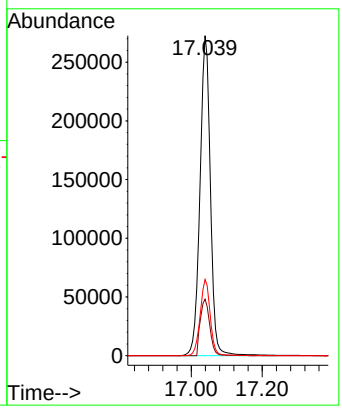


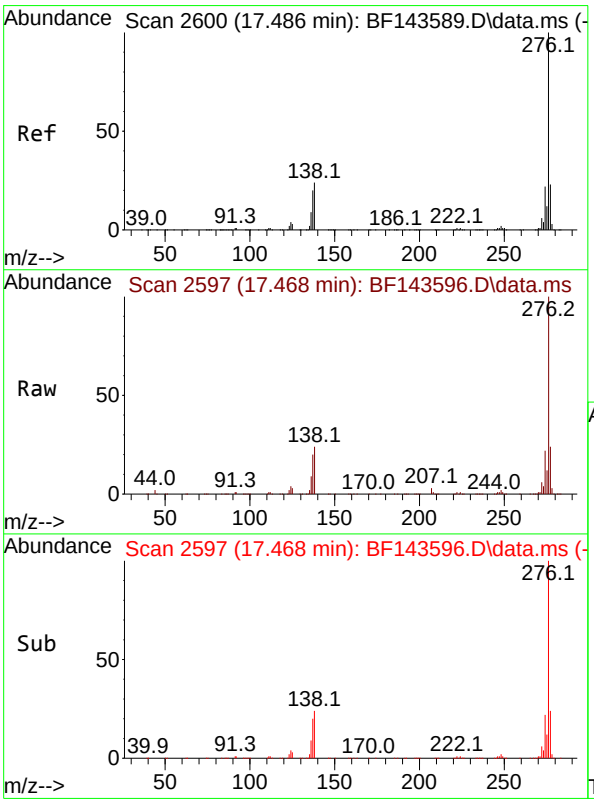
#91
Dibenzo(a,h)anthracene
Concen: 43.972 ng
RT: 17.039 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 557476

Ion	Ratio	Lower	Upper
278	100		
139	17.6	13.8	20.8
279	23.8	19.4	29.0

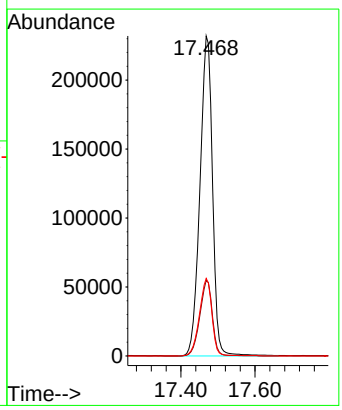




#92
Benzo(g,h,i)perylene
Concen: 43.496 ng
RT: 17.468 min Scan# 2597
Delta R.T. -0.017 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:276 Resp: 545942

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	27.8
138	24.2	19.1	28.7



Sample Results: **BF143596.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143596.D
Acq On : 27 Aug 2025 09:16
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 27 11:28:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 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	74	0.00
2		1,4-Dioxane	0.575	0.578	-0.5	75	0.00
3		Pyridine	1.444	1.546	-7.1	76	0.00
4		n-Nitrosodimethylamine	0.687	0.668	2.8	71	0.00
5	S	2-Fluorophenol	1.175	1.200	-2.1	77	0.00
6		Aniline	2.032	2.065	-1.6	77	0.00
7	S	Phenol-d6	1.455	1.474	-1.3	76	0.00
8		2-Chlorophenol	1.243	1.295	-4.2	77	0.00
9		Benzaldehyde	1.095	1.252	-14.3	76	0.00
10	C	Phenol	1.632	1.648	-1.0	77	0.00
11		bis(2-Chloroethyl)ether	1.251	1.256	-0.4	76	0.00
12		1,3-Dichlorobenzene	1.428	1.460	-2.2	78	0.00
13	C	1,4-Dichlorobenzene	1.440	1.446	-0.4	76	0.00
14		1,2-Dichlorobenzene	1.366	1.376	-0.7	77	0.00
15		Benzyl Alcohol	1.091	1.132	-3.8	77	0.00
16		2,2'-oxybis(1-Chloropropane	2.309	2.190	5.2	73	0.00
17		2-Methylphenol	1.055	1.066	-1.0	76	0.00
18		Hexachloroethane	0.458	0.487	-6.3	78	0.00
19	P	n-Nitroso-di-n-propylamine	0.922	0.915	0.8	77	0.00
20		3+4-Methylphenols	1.296	1.370	-5.7	78	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	75	0.00
22		Acetophenone	0.450	0.451	-0.2	78	0.00
23	S	Nitrobenzene-d5	0.280	0.318	-13.6	82	0.00
24		Nitrobenzene	0.300	0.351	-17.0	80	0.00
25		Isophorone	0.656	0.659	-0.5	77	0.00
26	C	2-Nitrophenol	0.101	0.136	-34.7#	90	0.00
27		2,4-Dimethylphenol	0.285	0.296	-3.9	78	0.00
28		bis(2-Chloroethoxy)methane	0.397	0.401	-1.0	79	0.00
29	C	2,4-Dichlorophenol	0.275	0.294	-6.9	78	0.00
30		1,2,4-Trichlorobenzene	0.287	0.296	-3.1	79	0.00
31		Naphthalene	0.966	0.981	-1.6	79	0.00
32		Benzoic acid	0.126	0.154	-22.2	93	-0.01
33		4-Chloroaniline	0.341	0.352	-3.2	79	0.00
34	C	Hexachlorobutadiene	0.181	0.186	-2.8	79	0.00
35		Caprolactam	0.078	0.086	-10.3	83	0.00
36	C	4-Chloro-3-methylphenol	0.287	0.303	-5.6	79	0.00
37		2-Methylnaphthalene	0.638	0.651	-2.0	80	0.00
38		1-Methylnaphthalene	0.616	0.630	-2.3	79	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	78	0.00
40		1,2,4,5-Tetrachlorobenzene	0.520	0.531	-2.1	82	0.00
41	P	Hexachlorocyclopentadiene	0.256	0.275	-7.4	82	0.00
42	S	2,4,6-Tribromophenol	0.156	0.181	-16.0	88	0.00
43	C	2,4,6-Trichlorophenol	0.344	0.359	-4.4	75	0.00
44		2,4,5-Trichlorophenol	0.347	0.387	-11.5	86	0.00
45	S	2-Fluorobiphenyl	1.170	1.158	1.0	81	0.00
46		1,1'-Biphenyl	1.388	1.375	0.9	79	0.00
47		2-Chloronaphthalene	1.096	1.113	-1.6	80	0.00

Sample Results: **BF143596.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143596.D
Acq On : 27 Aug 2025 09:16
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 27 11:28:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 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	0.247	0.328	-32.8#	90	0.00
49		Acenaphthylene	1.595	1.622	-1.7	82	0.00
50		Dimethylphthalate	1.230	1.274	-3.6	83	0.00
51		2,6-Dinitrotoluene	0.163	0.229	-40.5#	95	0.00
52	C	Acenaphthene	1.045	1.066	-2.0	82	0.00
53		3-Nitroaniline	0.201	0.274	-36.3#	92	0.00
54	P	2,4-Dinitrophenol	0.054	0.068	-25.9#	107	0.00
55		Dibenzofuran	1.532	1.562	-2.0	83	0.00
56	P	4-Nitrophenol	0.182	0.219	-20.3	91	0.00
57		2,4-Dinitrotoluene	0.213	0.308	-44.6#	98	0.00
58		Fluorene	1.150	1.146	0.3	83	0.00
59		2,3,4,6-Tetrachlorophenol	0.257	0.297	-15.6	86	0.00
60		Diethylphthalate	1.153	1.218	-5.6	86	0.00
61		4-Chlorophenyl-phenylether	0.562	0.566	-0.7	83	0.00
62		4-Nitroaniline	0.196	0.264	-34.7#	97	0.00
63		Azobenzene	1.169	1.198	-2.5	83	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	84	0.00
65		4,6-Dinitro-2-methylphenol	0.057	0.073	-28.1#	107	0.00
66	c	n-Nitrosodiphenylamine	0.636	0.634	0.3	84	0.00
67		4-Bromophenyl-phenylether	0.216	0.220	-1.9	84	0.00
68		Hexachlorobenzene	0.231	0.236	-2.2	87	0.00
69		Atrazine	0.183	0.197	-7.7	91	0.00
70	C	Pentachlorophenol	0.132	0.147	-11.4	89	0.00
71		Phenanthrene	1.071	1.067	0.4	86	0.00
72		Anthracene	1.079	1.085	-0.6	88	0.00
73		Carbazole	0.933	0.966	-3.5	91	0.00
74		Di-n-butylphthalate	0.950	1.072	-12.8	98	0.00
75	C	Fluoranthene	0.978	1.026	-4.9	96	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	86	0.00
77		Benzidine	0.460	0.567	-23.3	91	0.00
78		Pyrene	1.674	1.787	-6.8	96	0.00
79	S	Terphenyl-d14	1.115	1.214	-8.9	100	0.00
80		Butylbenzylphthalate	0.398	0.493	-23.9	93	0.00
81		Benzo(a)anthracene	1.258	1.278	-1.6	88	0.00
82		3,3'-Dichlorobenzidine	0.337	0.364	-8.0	84	0.00
83		Chrysene	1.173	1.229	-4.8	94	0.00
84		Bis(2-ethylhexyl)phthalate	0.528	0.593	-12.3	81	0.00
85	c	Di-n-octyl phthalate	1.017	0.974	4.2	72	0.00
86	I	Perylene-d12	1.000	1.000	0.0	68	0.00
87		Indeno(1,2,3-cd)pyrene	1.361	1.495	-9.8	71	-0.01
88		Benzo(b)fluoranthene	1.143	1.127	1.4	73	0.00
89		Benzo(k)fluoranthene	1.068	1.128	-5.6	72	0.00
90	C	Benzo(a)pyrene	1.010	1.052	-4.2	69	0.00
91		Dibenzo(a,h)anthracene	1.114	1.224	-9.9	72	-0.01
92		Benzo(g,h,i)perylene	1.103	1.199	-8.7	71	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143596.D
Acq On : 27 Aug 2025 09:16
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 27 11:28:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Sample Results: **BF143596.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143596.D
Acq On : 27 Aug 2025 09:16
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 27 11:28:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 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	74	0.00
2		1,4-Dioxane	40.000	40.208	-0.5	75	0.00
3		Pyridine	40.000	42.840	-7.1	76	0.00
4		n-Nitrosodimethylamine	40.000	38.876	2.8	71	0.00
5	S	2-Fluorophenol	80.000	81.699	-2.1	77	0.00
6		Aniline	40.000	40.656	-1.6	77	0.00
7	S	Phenol-d6	80.000	81.026	-1.3	76	0.00
8		2-Chlorophenol	40.000	41.653	-4.1	77	0.00
9		Benzaldehyde	40.000	45.731	-14.3	76	0.00
10	C	Phenol	40.000	40.382	-1.0	77	0.00
11		bis(2-Chloroethyl)ether	40.000	40.158	-0.4	76	0.00
12		1,3-Dichlorobenzene	40.000	40.896	-2.2	78	0.00
13	C	1,4-Dichlorobenzene	40.000	40.170	-0.4	76	0.00
14		1,2-Dichlorobenzene	40.000	40.291	-0.7	77	0.00
15		Benzyl Alcohol	40.000	41.521	-3.8	77	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	37.942	5.1	73	0.00
17		2-Methylphenol	40.000	40.402	-1.0	76	0.00
18		Hexachloroethane	40.000	42.583	-6.5	78	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.684	0.8	77	0.00
20		3+4-Methylphenols	40.000	42.265	-5.7	78	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	75	0.00
22		Acetophenone	40.000	40.063	-0.2	78	0.00
23	S	Nitrobenzene-d5	80.000	90.932	-13.7	82	0.00
24		Nitrobenzene	40.000	46.712	-16.8	80	0.00
25		Isophorone	40.000	40.217	-0.5	77	0.00
26	C	2-Nitrophenol	40.000	45.257	-13.1	90	0.00
27		2,4-Dimethylphenol	40.000	41.524	-3.8	78	0.00
28		bis(2-Chloroethoxy)methane	40.000	40.484	-1.2	79	0.00
29	C	2,4-Dichlorophenol	40.000	42.779	-6.9	78	0.00
30		1,2,4-Trichlorobenzene	40.000	41.254	-3.1	79	0.00
31		Naphthalene	40.000	40.607	-1.5	79	0.00
32		Benzoic acid	40.000	43.721	-9.3	93	-0.01
33		4-Chloroaniline	40.000	41.301	-3.3	79	0.00
34	C	Hexachlorobutadiene	40.000	41.062	-2.7	79	0.00
35		Caprolactam	40.000	44.319	-10.8	83	0.00
36	C	4-Chloro-3-methylphenol	40.000	42.159	-5.4	79	0.00
37		2-Methylnaphthalene	40.000	40.799	-2.0	80	0.00
38		1-Methylnaphthalene	40.000	40.913	-2.3	79	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	78	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	40.801	-2.0	82	0.00
41	P	Hexachlorocyclopentadiene	40.000	42.964	-7.4	82	0.00
42	S	2,4,6-Tribromophenol	80.000	92.831	-16.0	88	0.00
43	C	2,4,6-Trichlorophenol	40.000	41.751	-4.4	75	0.00
44		2,4,5-Trichlorophenol	40.000	44.549	-11.4	86	0.00
45	S	2-Fluorobiphenyl	80.000	79.179	1.0	81	0.00
46		1,1'-Biphenyl	40.000	39.634	0.9	79	0.00
47		2-Chloronaphthalene	40.000	40.613	-1.5	80	0.00

Sample Results: **BF143596.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143596.D
Acq On : 27 Aug 2025 09:16
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 27 11:28:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 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	43.589	-9.0	90	0.00
49		Acenaphthylene	40.000	40.678	-1.7	82	0.00
50		Dimethylphthalate	40.000	41.427	-3.6	83	0.00
51		2,6-Dinitrotoluene	40.000	44.643	-11.6	95	0.00
52	C	Acenaphthene	40.000	40.821	-2.1	82	0.00
53		3-Nitroaniline	40.000	45.175	-12.9	92	0.00
54	P	2,4-Dinitrophenol	40.000	45.529	-13.8	107	0.00
55		Dibenzofuran	40.000	40.798	-2.0	83	0.00
56	P	4-Nitrophenol	40.000	43.975	-9.9	91	0.00
57		2,4-Dinitrotoluene	40.000	45.684	-14.2	98	0.00
58		Fluorene	40.000	39.866	0.3	83	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	46.269	-15.7	86	0.00
60		Diethylphthalate	40.000	42.247	-5.6	86	0.00
61		4-Chlorophenyl-phenylether	40.000	40.265	-0.7	83	0.00
62		4-Nitroaniline	40.000	46.227	-15.6	97	0.00
63		Azobenzene	40.000	41.009	-2.5	83	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	84	0.00
65		4,6-Dinitro-2-methylphenol	40.000	45.069	-12.7	107	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.857	0.4	84	0.00
67		4-Bromophenyl-phenylether	40.000	40.641	-1.6	84	0.00
68		Hexachlorobenzene	40.000	40.837	-2.1	87	0.00
69		Atrazine	40.000	43.078	-7.7	91	0.00
70	C	Pentachlorophenol	40.000	44.544	-11.4	89	0.00
71		Phenanthrene	40.000	39.851	0.4	86	0.00
72		Anthracene	40.000	40.232	-0.6	88	0.00
73		Carbazole	40.000	41.423	-3.6	91	0.00
74		Di-n-butylphthalate	40.000	45.144	-12.9	98	0.00
75	C	Fluoranthene	40.000	41.982	-5.0	96	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	86	0.00
77		Benzidine	40.000	49.234	-23.1	91	0.00
78		Pyrene	40.000	42.706	-6.8	96	0.00
79	S	Terphenyl-d14	80.000	87.117	-8.9	100	0.00
80		Butylbenzylphthalate	40.000	42.234	-5.6	93	0.00
81		Benzo(a)anthracene	40.000	40.621	-1.6	88	0.00
82		3,3'-Dichlorobenzidine	40.000	43.169	-7.9	84	0.00
83		Chrysene	40.000	41.939	-4.8	94	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	39.368	1.6	81	0.00
85	c	Di-n-octyl phthalate	40.000	35.945	10.1	72	0.00
86	I	Perylene-d12	20.000	20.000	0.0	68	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	43.961	-9.9	71	-0.01
88		Benzo(b)fluoranthene	40.000	39.451	1.4	73	0.00
89		Benzo(k)fluoranthene	40.000	42.213	-5.5	72	0.00
90	C	Benzo(a)pyrene	40.000	41.668	-4.2	69	0.00
91		Dibenzo(a,h)anthracene	40.000	43.972	-9.9	72	-0.01
92		Benzo(g,h,i)perylene	40.000	43.496	-8.7	71	-0.02

Sample Results: **BF143596.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143596.D
Acq On : 27 Aug 2025 09:16
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 27 11:28:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 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: **BP025544.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: AECO02

Lab Code: ACE SDG No.: Q2924

Instrument ID: BNA_P Calibration Date/Time: 08/22/2025 10:49

Lab File ID: BP025544.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	1.201		-0.2	
Benzaldehyde	1.082	1.377		27.3	
Phenol-d6	1.544	1.586		2.7	
Phenol	1.620	1.656		2.2	20.0
bis(2-Chloroethyl)ether	1.263	1.266		0.2	
2-Chlorophenol	1.359	1.376		1.3	
2-Methylphenol	1.125	1.147		2.0	
2,2-oxybis(1-Chloropropane)	1.692	1.738		2.7	
Acetophenone	0.502	0.494		-1.6	
3+4-Methylphenols	1.560	1.584		1.5	
n-Nitroso-di-n-propylamine	1.023	1.030	0.050	0.7	
Nitrobenzene-d5	0.395	0.396		0.3	
Hexachloroethane	0.563	0.554		-1.6	
Nitrobenzene	0.353	0.357		1.1	
Isophorone	0.700	0.697		-0.4	
2-Nitrophenol	0.181	0.184		1.7	20.0
2,4-Dimethylphenol	0.312	0.307		-1.6	
bis(2-Chloroethoxy)methane	0.423	0.416		-1.7	
2,4-Dichlorophenol	0.310	0.307		-1.0	20.0
Naphthalene	1.040	1.006		-3.3	
4-Chloroaniline	0.459	0.460		0.2	
Hexachlorobutadiene	0.211	0.200		-5.2	20.0
Caprolactam	0.114	0.124		8.8	
4-Chloro-3-methylphenol	0.355	0.364		2.5	20.0
2-Methylnaphthalene	0.676	0.652		-3.5	
Hexachlorocyclopentadiene	0.349	0.397	0.050	13.8	
2,4,6-Trichlorophenol	0.390	0.387		-0.8	20.0
2-Fluorobiphenyl	1.463	1.364		-6.8	
2,4,5-Trichlorophenol	0.427	0.430		0.7	
1,1-Biphenyl	1.453	1.392		-4.2	
2-Chloronaphthalene	1.131	1.080		-4.5	
2-Nitroaniline	0.329	0.351		6.7	
Dimethylphthalate	1.465	1.455		-0.7	
Acenaphthylene	1.871	1.834		-2.0	
2,6-Dinitrotoluene	0.309	0.324		4.9	
3-Nitroaniline	0.347	0.370		6.6	
Acenaphthene	1.098	1.042		-5.1	20.0
2,4-Dinitrophenol	0.165	0.228	0.050	38.2	
4-Nitrophenol	0.285	0.311	0.050	9.1	

Raw Data: **BP025544.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	AECO02
Lab Code:	ACE	SDG No.:	Q2924
Instrument ID:	BNA_P	Calibration Date/Time:	08/22/2025 10:49
Lab File ID:	BP025544.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	1.669		-3.9	
2,4-Dinitrotoluene	0.440	0.471		7.0	
Diethylphthalate	1.488	1.520		2.2	
4-Chlorophenyl-phenylether	0.681	0.653		-4.1	
Fluorene	1.370	1.350		-1.5	
4-Nitroaniline	0.356	0.382		7.3	
4,6-Dinitro-2-methylphenol	0.125	0.146		16.8	
n-Nitrosodiphenylamine	0.610	0.590		-3.3	20.0
2,4,6-Tribromophenol	0.269	0.273		1.5	
4-Bromophenyl-phenylether	0.220	0.209		-5.0	
Hexachlorobenzene	0.255	0.238		-6.7	
Atrazine	0.228	0.228		0.0	
Pentachlorophenol	0.161	0.169		5.0	20.0
Phenanthrene	1.099	1.058		-3.7	
Anthracene	1.122	1.113		-0.8	
Carbazole	1.057	1.064		0.7	
Di-n-butylphthalate	1.300	1.314		1.1	
Fluoranthene	1.311	1.296		-1.1	20.0
Pyrene	1.300	1.255		-3.5	
Terphenyl-d14	1.093	1.041		-4.8	
Butylbenzylphthalate	0.589	0.607		3.1	
3,3-Dichlorobenzidine	0.497	0.497		0.0	
Benzo(a)anthracene	1.319	1.273		-3.5	
Chrysene	1.235	1.201		-2.8	
Bis(2-ethylhexyl)phthalate	0.867	0.866		-0.1	
Di-n-octyl phthalate	1.492	1.541		3.3	20.0
Benzo(b)fluoranthene	1.179	1.115		-5.4	
Benzo(k)fluoranthene	1.180	1.139		-3.5	
Benzo(a)pyrene	1.148	1.107		-3.6	20.0
Indeno(1,2,3-cd)pyrene	1.467	1.402		-4.4	
Dibenzo(a,h)anthracene	1.199	1.138		-5.1	
Benzo(g,h,i)perylene	1.178	1.141		-3.1	
1,2,4,5-Tetrachlorobenzene	0.578	0.548		-5.2	
1,4-Dioxane	0.472	0.461		-2.3	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.381		1.1	

All other compounds must meet a minimum RRF of 0.010.

Quantitation Report (QT Reviewed)

Sample Results: **BP025544.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025544.D
Acq On : 22 Aug 2025 10:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 22 15:31:53 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

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli
08/25/2025
Supervised By :Jagrut Upadhyay
08/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.778	152	137158	20.000	ng		-0.02
21) Naphthalene-d8	10.548	136	591885	20.000	ng		-0.01
39) Acenaphthene-d10	14.389	164	400784	20.000	ng		-0.02
64) Phenanthrene-d10	17.189	188	833863	20.000	ng		-0.01
76) Chrysene-d12	21.624	240	897419	20.000	ng		-0.02
86) Perylene-d12	24.989	264	1034534	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.396	112	658889	79.778	ng		-0.01
7) Phenol-d6	6.960	99	870194	82.181	ng		0.00
23) Nitrobenzene-d5	8.919	82	936572	80.044	ng		-0.02
42) 2,4,6-Tribromophenol	15.901	330	437400	81.081	ng		-0.01
45) 2-Fluorobiphenyl	13.007	172	2187133	74.582	ng		-0.01
79) Terphenyl-d14	19.919	244	3735539	76.157	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.325	88	126565	39.123	ng		98
3) Pyridine	3.719	79	352441	39.803	ng		95
4) n-Nitrosodimethylamine	3.625	42	156699	42.925	ng		95
6) Aniline	7.113	93	584678	40.982	ng		98
8) 2-Chlorophenol	7.354	128	377480	40.502	ng		98
9) Benzaldehyde	6.931	77	377761	50.920	ng		97
10) Phenol	6.990	94	454392	40.896	ng		99
11) bis(2-Chloroethyl)ether	7.207	93	347308	40.104	ng		100
12) 1,3-Dichlorobenzene	7.672	146	403624	39.275	ng		99
13) 1,4-Dichlorobenzene	7.813	146	408744	38.913	ng		100
14) 1,2-Dichlorobenzene	8.131	146	395076	38.855	ng		99
15) Benzyl Alcohol	8.013	79	350420	41.650	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.296	45	476882	41.106	ng		98
17) 2-Methylphenol	8.219	107	314755	40.788	ng		99
18) Hexachloroethane	8.848	117	152108	39.385	ng		97
19) n-Nitroso-di-n-propyla...	8.572	70	282550	40.285	ng		97
20) 3+4-Methylphenols	8.537	107	434634	40.633	ng		99
22) Acetophenone	8.590	105	584402	39.371	ng	#	98
24) Nitrobenzene	8.960	77	423141	40.465	ng		98
25) Isophorone	9.484	82	825151	39.849	ng		98
26) 2-Nitrophenol	9.666	139	217690	40.564	ng		98
27) 2,4-Dimethylphenol	9.731	122	362942	39.326	ng		99
28) bis(2-Chloroethoxy)met...	9.954	93	492540	39.349	ng		98
29) 2,4-Dichlorophenol	10.201	162	362953	39.589	ng		98
30) 1,2,4-Trichlorobenzene	10.413	180	377852	37.597	ng		99
31) Naphthalene	10.595	128	1190906	38.712	ng		99
32) Benzoic acid	9.866	122	287794	42.238	ng		98
33) 4-Chloroaniline	10.701	127	544082	40.039	ng		99
34) Hexachlorobutadiene	10.884	225	236313	37.756	ng		99
35) Caprolactam	11.484	113	146444	43.562	ng		98
36) 4-Chloro-3-methylphenol	11.825	107	430943	40.964	ng		97
37) 2-Methylnaphthalene	12.201	142	772294	38.576	ng		98
38) 1-Methylnaphthalene	12.425	142	814475	38.255	ng		99
40) 1,2,4,5-Tetrachloroben...	12.572	216	438884	37.916	ng		100
41) Hexachlorocyclopentadiene	12.548	237	318513	45.555	ng		99
43) 2,4,6-Trichlorophenol	12.813	196	310241	39.701	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025544.D
Acq On : 22 Aug 2025 10:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 22 15:31:53 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

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

08/25/2025

Supervised By :Jagrut Upadhyay

08/25/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.889	196	344858	40.266	ng	98
46) 1,1'-Biphenyl	13.213	154	1115829	38.335	ng	99
47) 2-Chloronaphthalene	13.254	162	865951	38.216	ng	99
48) 2-Nitroaniline	13.454	65	281688	42.664	ng	99
49) Acenaphthylene	14.107	152	1469952	39.203	ng	99
50) Dimethylphthalate	13.836	163	1166302	39.739	ng	100
51) 2,6-Dinitrotoluene	13.954	165	259388	41.932	ng	96
52) Acenaphthene	14.454	154	835227	37.949	ng	100
53) 3-Nitroaniline	14.289	138	296205	42.560	ng	97
54) 2,4-Dinitrophenol	14.495	184	183023	55.404	ng	99
55) Dibenzofuran	14.795	168	1337680	38.443	ng	100
56) 4-Nitrophenol	14.613	139	249157	43.566	ng	93
57) 2,4-Dinitrotoluene	14.754	165	377588	42.783	ng	99
58) Fluorene	15.454	166	1082057	39.409	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.031	232	305718	40.427	ng	99
60) Diethylphthalate	15.219	149	1218314	40.853	ng	100
61) 4-Chlorophenyl-phenyle...	15.442	204	523765	38.356	ng	96
62) 4-Nitroaniline	15.466	138	305995	42.887	ng	96
63) Azobenzene	15.742	77	1061331	41.564	ng	98
65) 4,6-Dinitro-2-methylph...	15.531	198	243063	46.762	ng	92
66) n-Nitrosodiphenylamine	15.666	169	983453	38.676	ng	99
67) 4-Bromophenyl-phenylether	16.366	248	349351	38.093	ng	96
68) Hexachlorobenzene	16.477	284	397731	37.412	ng	98
69) Atrazine	16.642	200	380917	40.001	ng	99
70) Pentachlorophenol	16.830	266	281816	41.994	ng	97
71) Phenanthrene	17.230	178	1765274	38.537	ng	99
72) Anthracene	17.325	178	1855981	39.676	ng	99
73) Carbazole	17.607	167	1774697	40.278	ng	99
74) Di-n-butylphthalate	18.195	149	2191310	40.423	ng	100
75) Fluoranthene	19.319	202	2161458	39.558	ng	99
77) Benzidine	19.513	184	1361472	44.453	ng	99
78) Pyrene	19.689	202	2251793	38.605	ng	100
80) Butylbenzylphthalate	20.642	149	1089684	41.220	ng	97
81) Benzo(a)anthracene	21.601	228	2284044	38.592	ng	99
82) 3,3'-Dichlorobenzidine	21.524	252	892356	40.001	ng	99
83) Chrysene	21.677	228	2156183	38.902	ng	99
84) Bis(2-ethylhexyl)phtha...	21.554	149	1553607	39.923	ng	100
85) Di-n-octyl phthalate	22.836	149	2766119	41.326	ng	98
87) Indeno(1,2,3-cd)pyrene	28.824	276	2900566m	38.231	ng	
88) Benzo(b)fluoranthene	23.936	252	2306180	37.804	ng	99
89) Benzo(k)fluoranthene	24.001	252	2356963	38.610	ng	100
90) Benzo(a)pyrene	24.836	252	2290273	38.568	ng	99
91) Dibenzo(a,h)anthracene	28.895	278	2355175	37.987	ng	98
92) Benzo(g,h,i)perylene	30.000	276	2361222	38.743	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

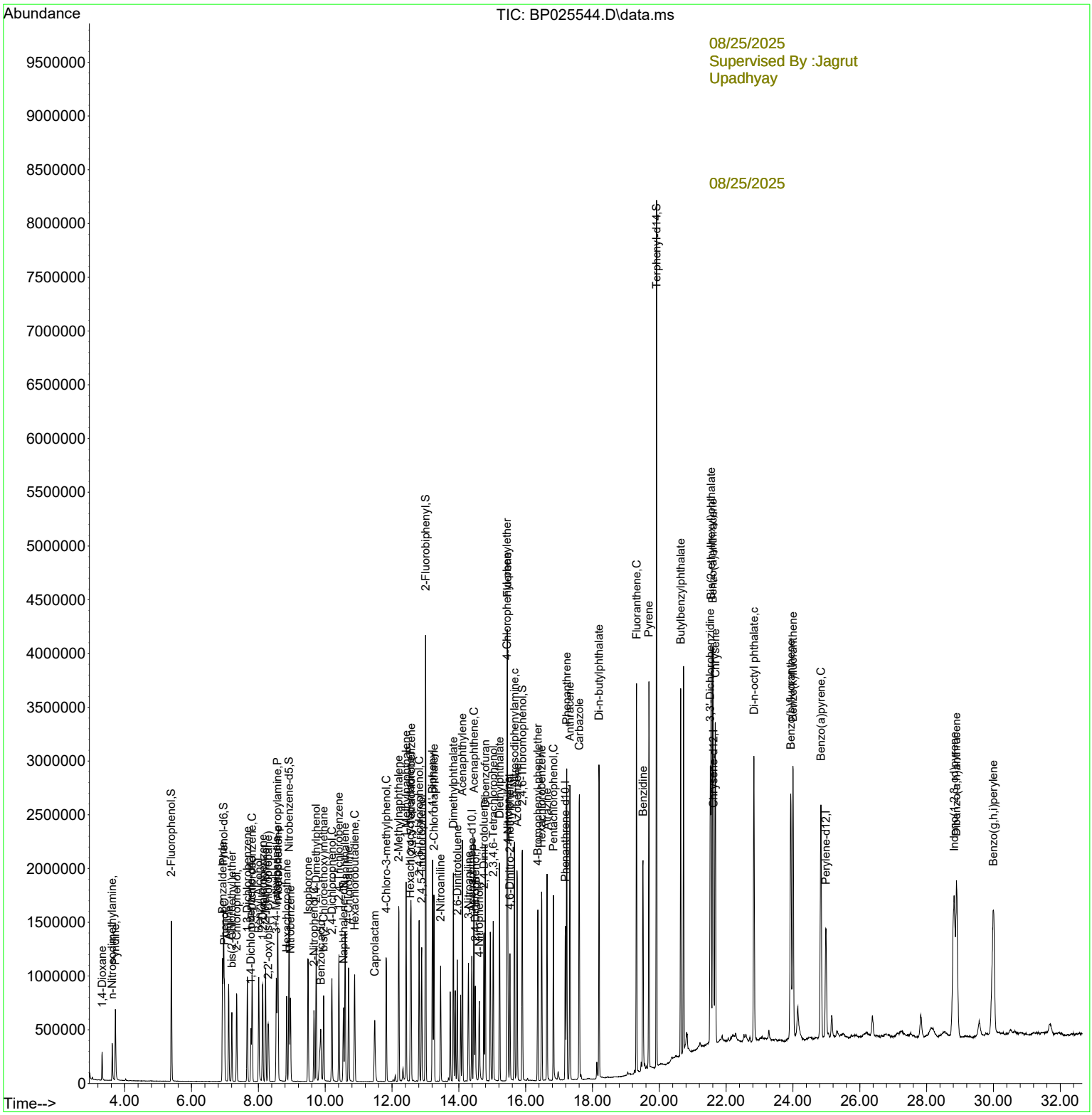
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025544.D
Acq On : 22 Aug 2025 10:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

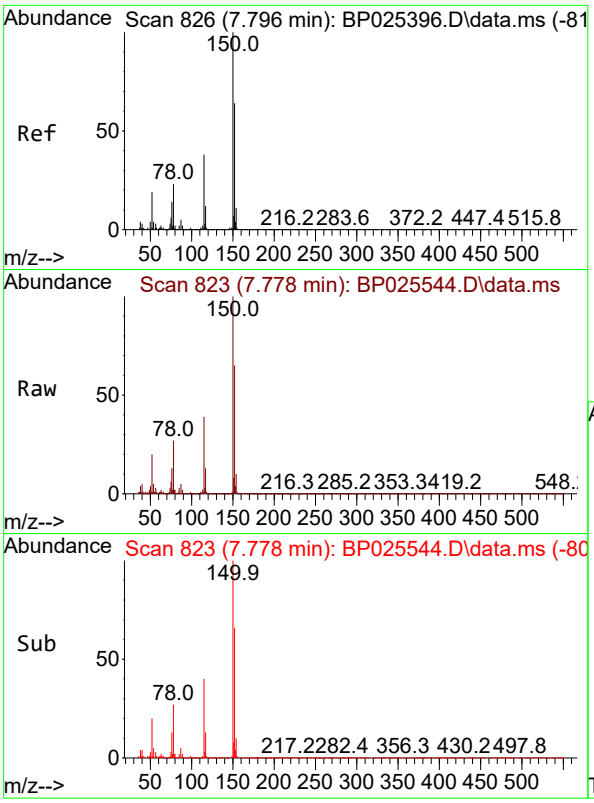
Quant Time: Aug 22 15:31:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

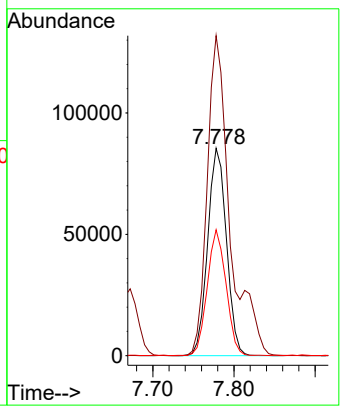




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:152 Resp: 13715

Ion	Ratio	Lower	Upper
152	100		
150	154.4	125.9	188.9
115	60.8	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
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Supervised By :Jagrut Upadhyay

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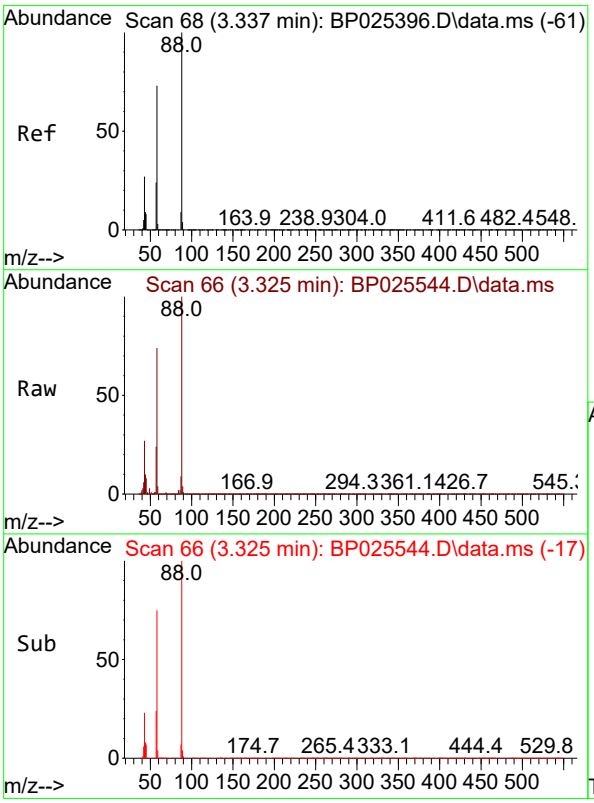
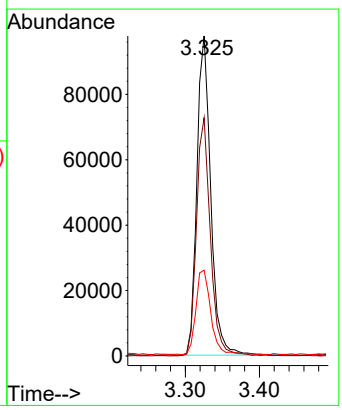
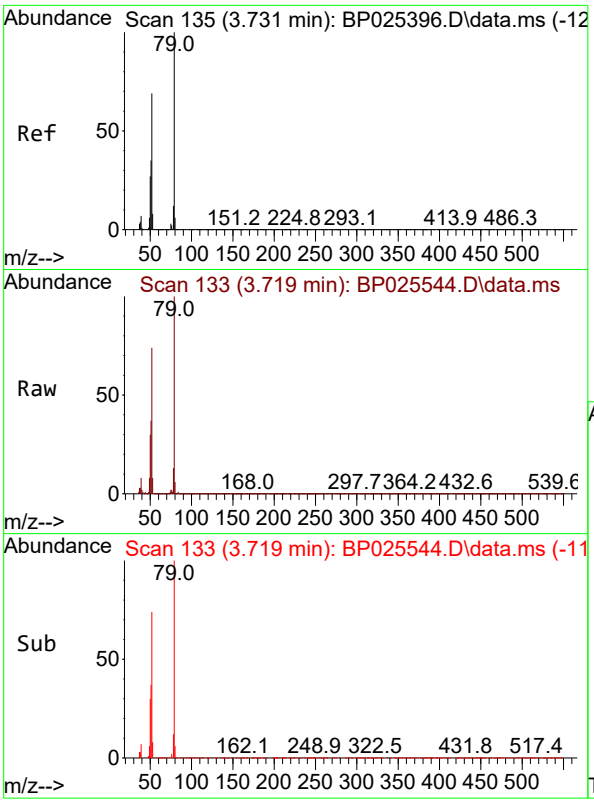


#2
1,4-Dioxane
Concen: 39.123 ng
RT: 3.325 min Scan# 66
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion: 88 Resp: 126565

Ion	Ratio	Lower	Upper
88	100		
58	74.9	59.2	88.8
43	28.6	21.7	32.5

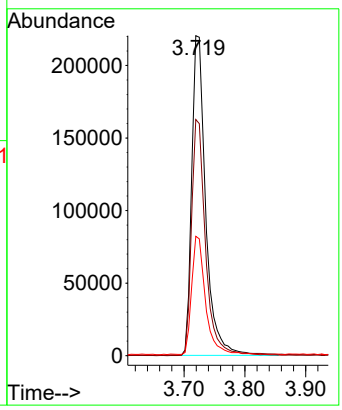




#3
Pyridine
Concen: 39.803 ng
RT: 3.719 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion: 79 Resp: 35244

Ion	Ratio	Lower	Upper
79	100		
52	73.8	55.5	83.3
51	37.3	28.3	42.5



Instrument :
BNA_P
ClientSampleId :
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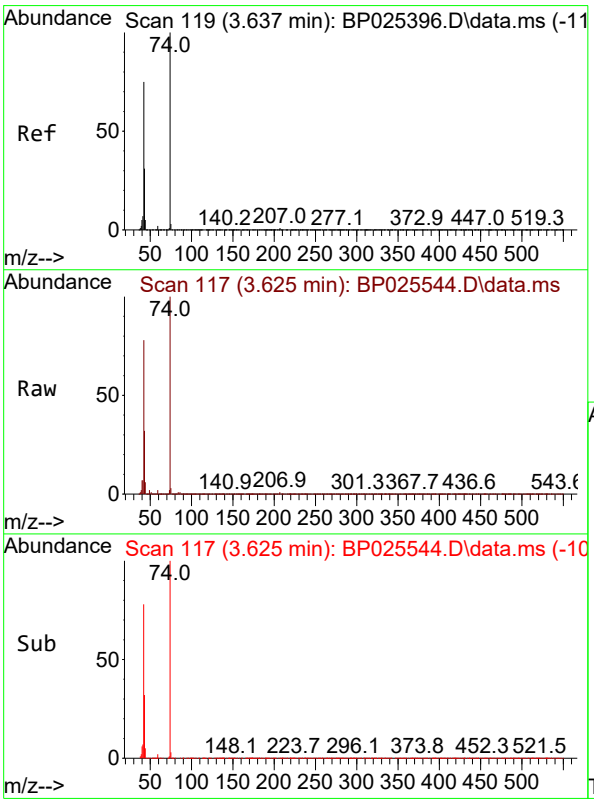
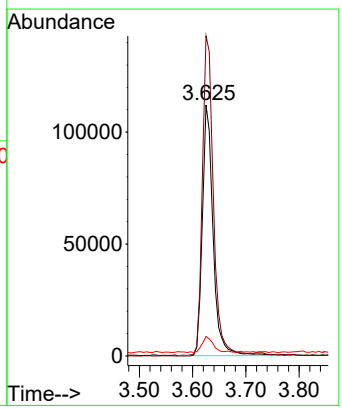
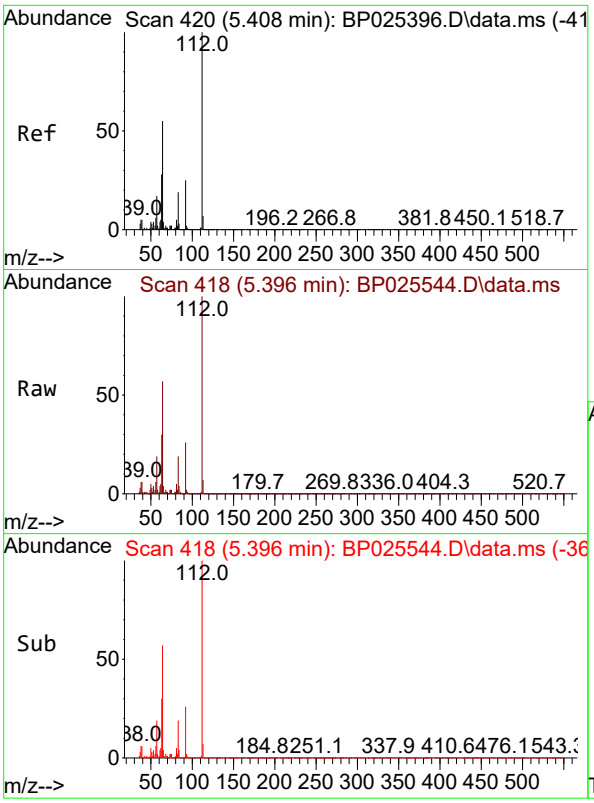


#4
n-Nitrosodimethylamine
Concen: 42.925 ng
RT: 3.625 min Scan# 117
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion: 42 Resp: 156699

Ion	Ratio	Lower	Upper
42	100		
74	127.6	107.0	160.4
44	7.8	6.2	9.4

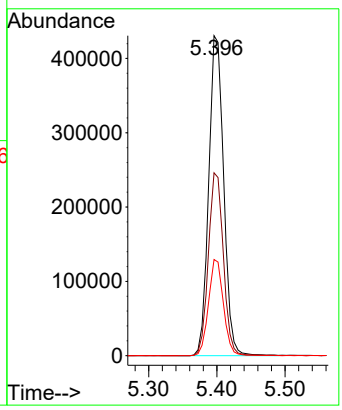




#5
2-Fluorophenol
Concen: 79.778 ng
RT: 5.396 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:112 Resp: 65888

Ion	Ratio	Lower	Upper
112	100		
64	57.1	43.8	65.8
63	30.1	22.7	34.1



Instrument :
BNA_P
ClientSampleId :
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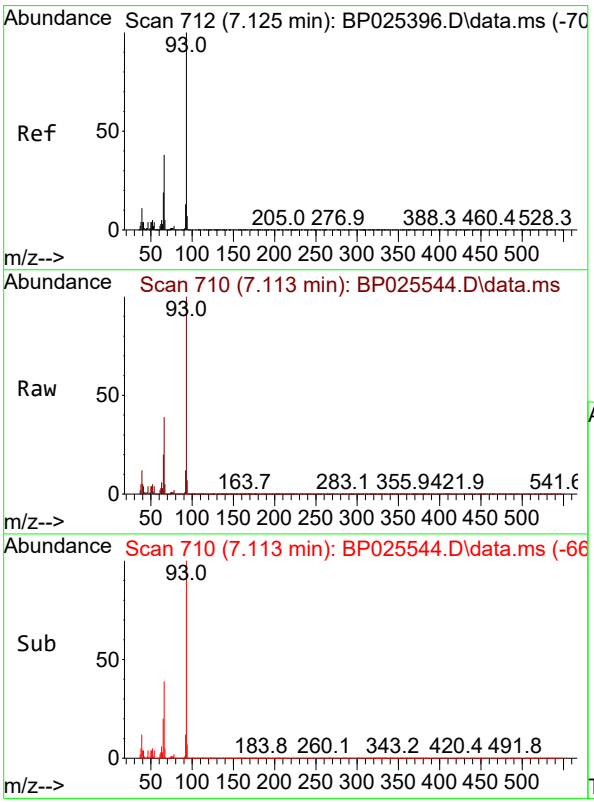
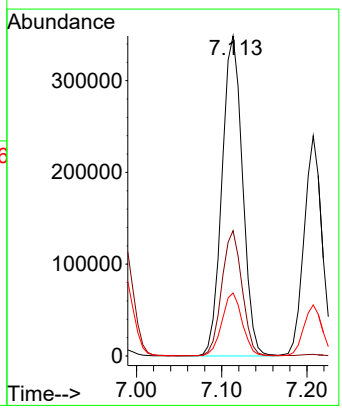
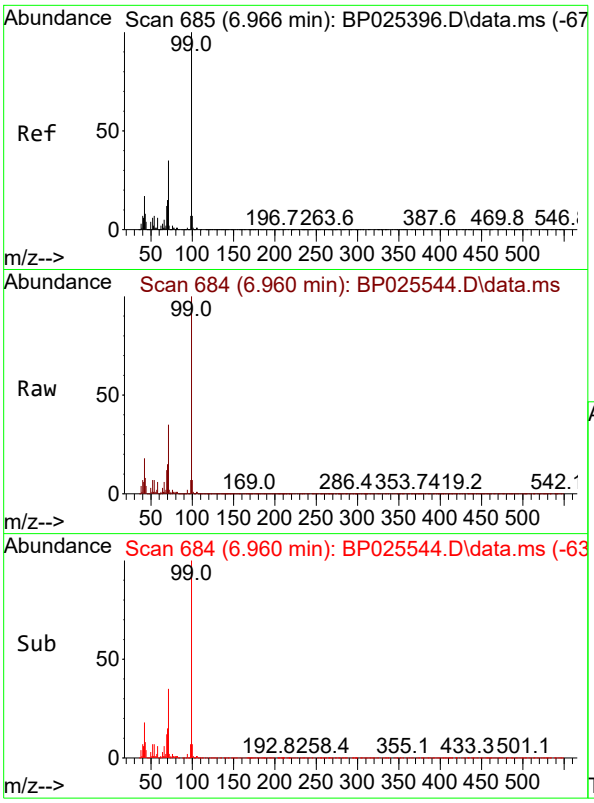


#6
Aniline
Concen: 40.982 ng
RT: 7.113 min Scan# 710
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion: 93 Resp: 584678

Ion	Ratio	Lower	Upper
93	100		
66	39.1	30.4	45.6
65	19.7	15.3	22.9

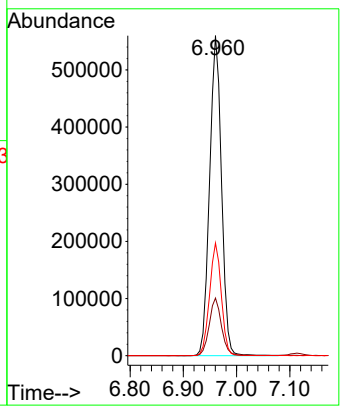




#7
Phenol-d6
Concen: 82.181 ng
RT: 6.960 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion: 99 Resp: 87019

Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.7	20.5
71	35.2	28.2	42.4



Instrument :
BNA_P
ClientSampleId :
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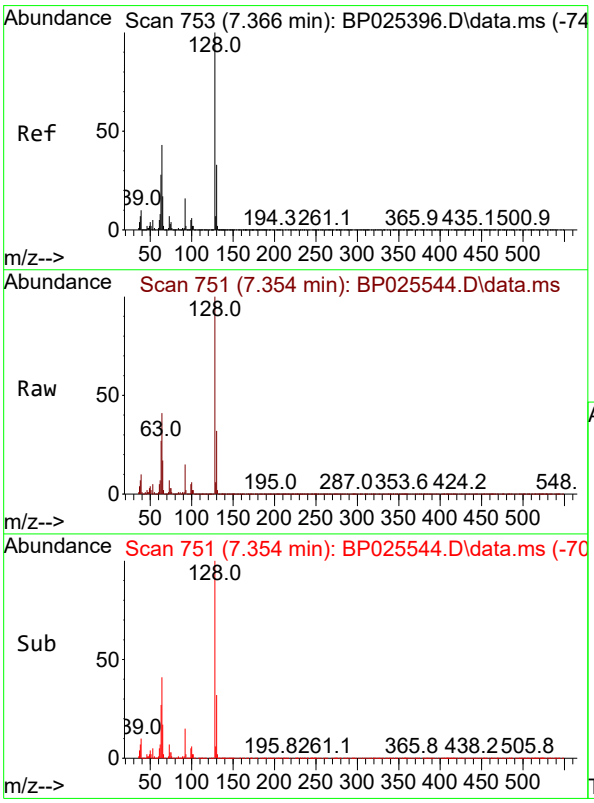
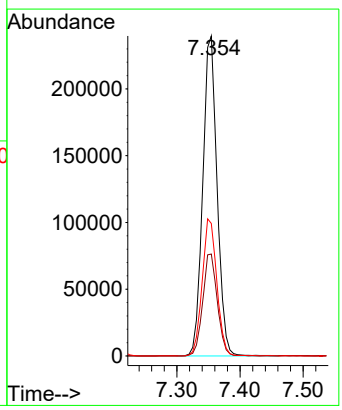
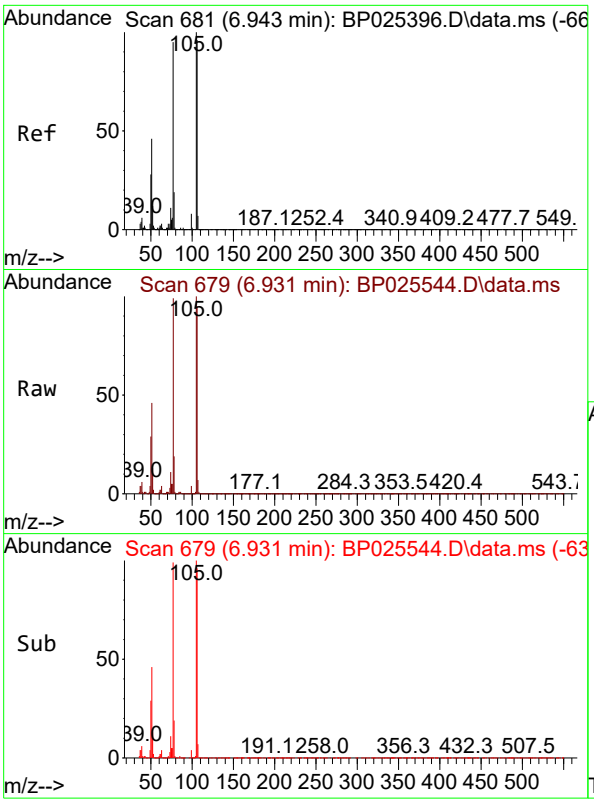


#8
2-Chlorophenol
Concen: 40.502 ng
RT: 7.354 min Scan# 751
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:128 Resp: 377480

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.6	52.6
64	41.4	23.4	63.4

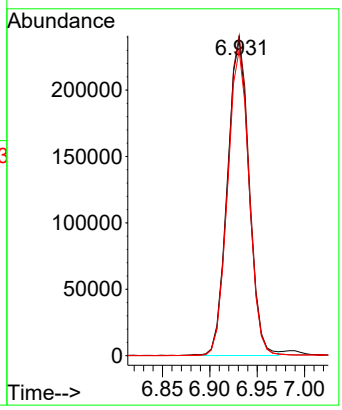




#9
Benzaldehyde
Concen: 50.920 ng
RT: 6.931 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion: 77 Resp: 37776

Ion	Ratio	Lower	Upper
77	100		
105	101.5	84.8	124.8
106	96.9	80.5	120.5



Instrument :
BNA_P
ClientSampleId :
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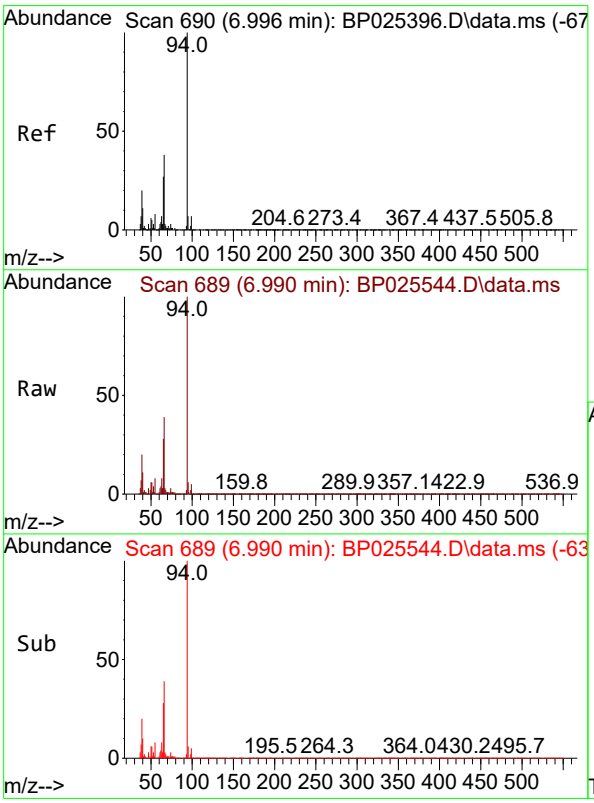
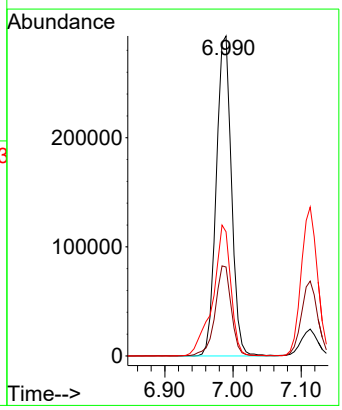
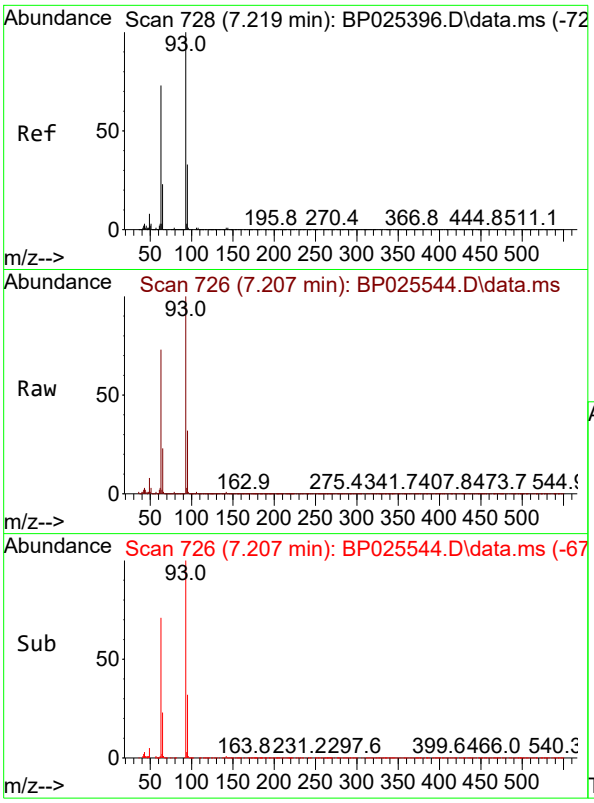


#10
Phenol
Concen: 40.896 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion: 94 Resp: 454392

Ion	Ratio	Lower	Upper
94	100		
65	27.8	6.8	46.8
66	38.8	18.2	58.2

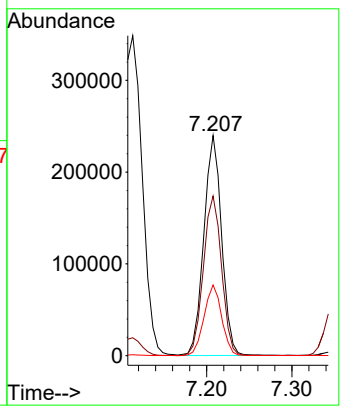




#11
bis(2-Chloroethyl)ether
Concen: 40.104 ng
RT: 7.207 min Scan# 7
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion: 93 Resp: 34730

Ion	Ratio	Lower	Upper
93	100		
63	72.5	52.6	92.6
95	32.1	12.7	52.7



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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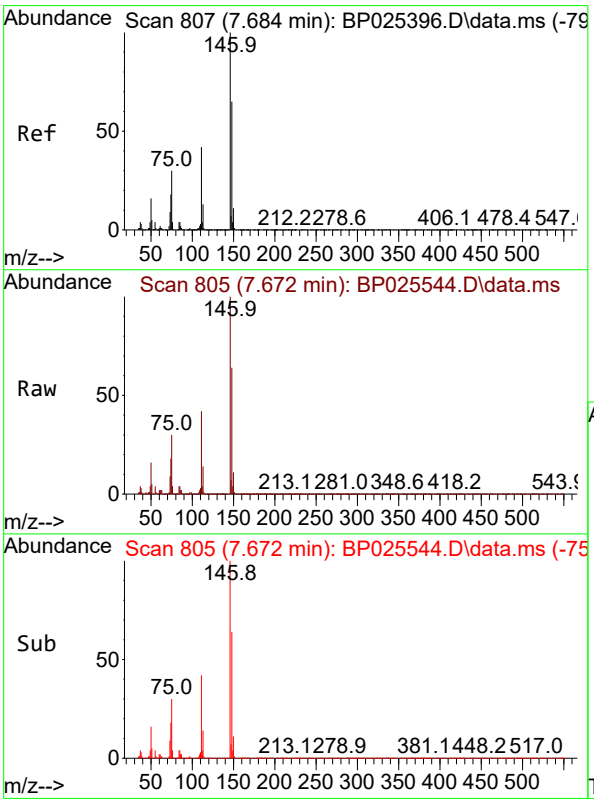
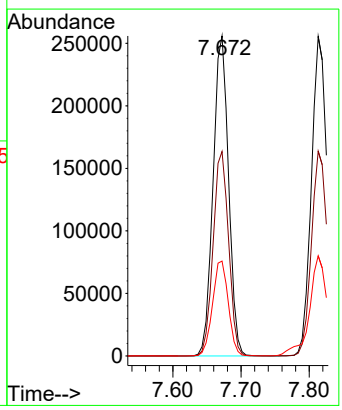
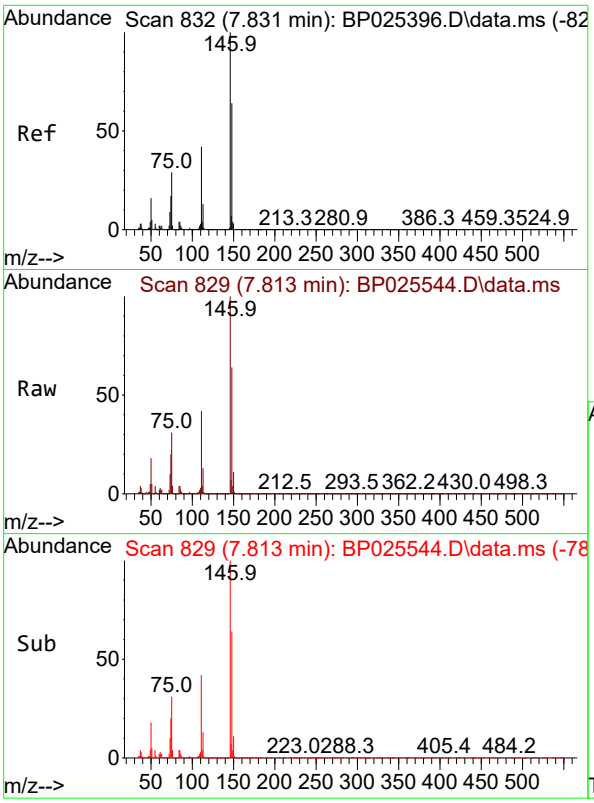


#12
1,3-Dichlorobenzene
Concen: 39.275 ng
RT: 7.672 min Scan# 805
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:146 Resp: 403624

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.9	77.9
75	29.6	23.7	35.5

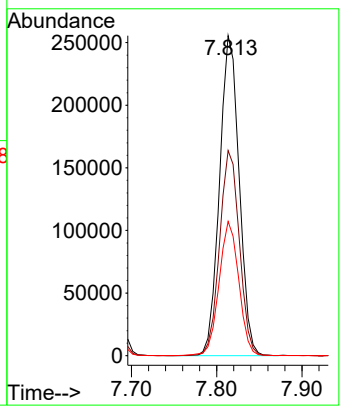




#13
1,4-Dichlorobenzene
Concen: 38.913 ng
RT: 7.813 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:146 Resp: 40874

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.6	77.4
111	42.0	33.4	50.0



Instrument :
BNA_P
ClientSampleId :
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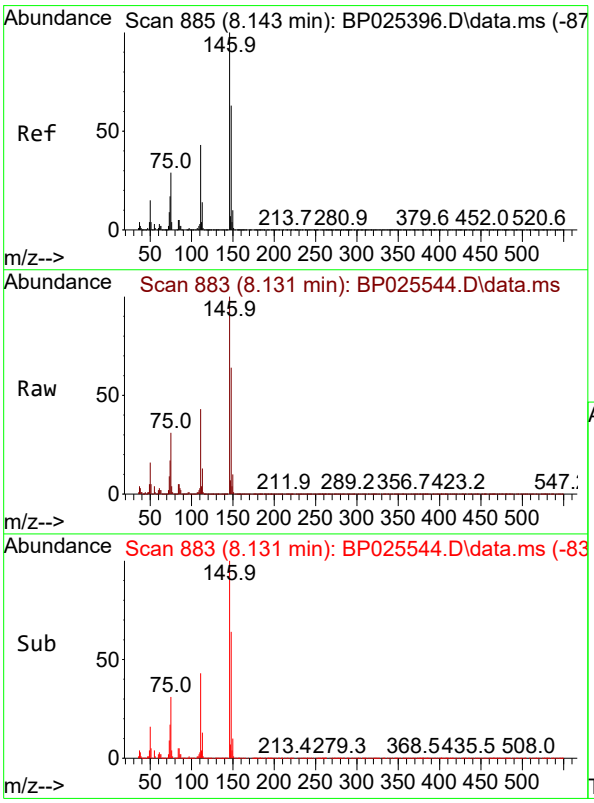
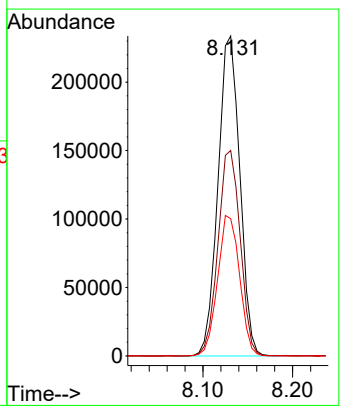
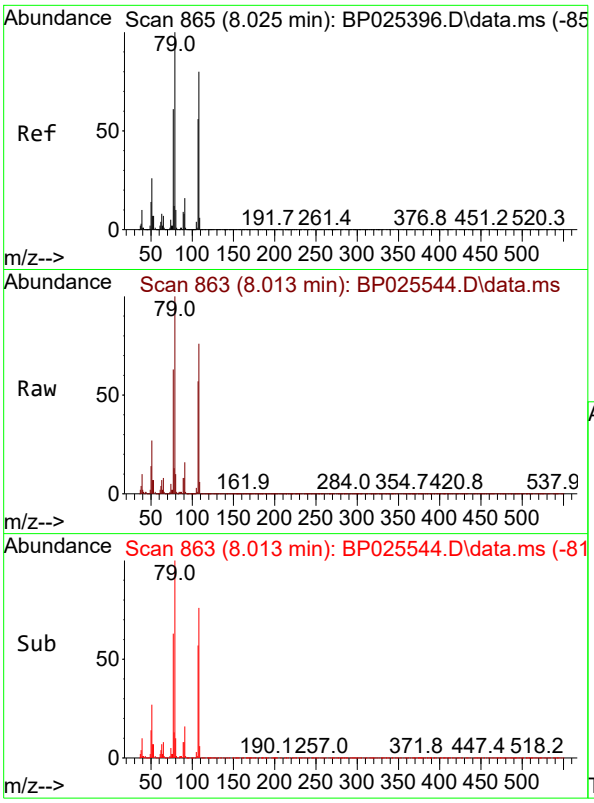


#14
1,2-Dichlorobenzene
Concen: 38.855 ng
RT: 8.131 min Scan# 883
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:146 Resp: 395076

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.4	75.6
111	42.9	34.5	51.7





#15
Benzyl Alcohol
Concen: 41.650 ng
RT: 8.013 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion: 79 Resp: 35042

Ion	Ratio	Lower	Upper
79	100		
108	76.3	63.8	95.6
77	63.4	49.0	73.4

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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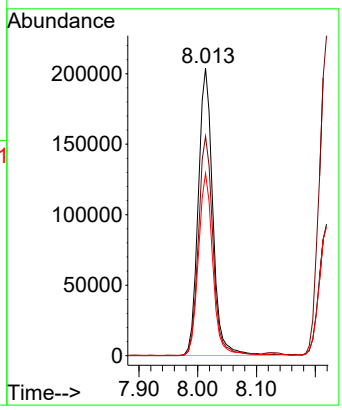

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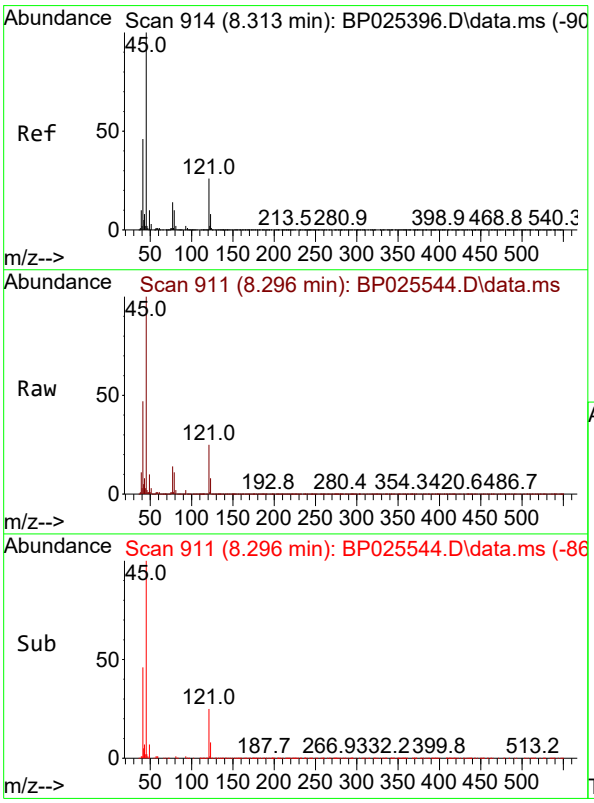
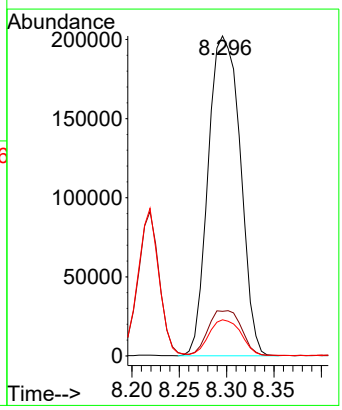
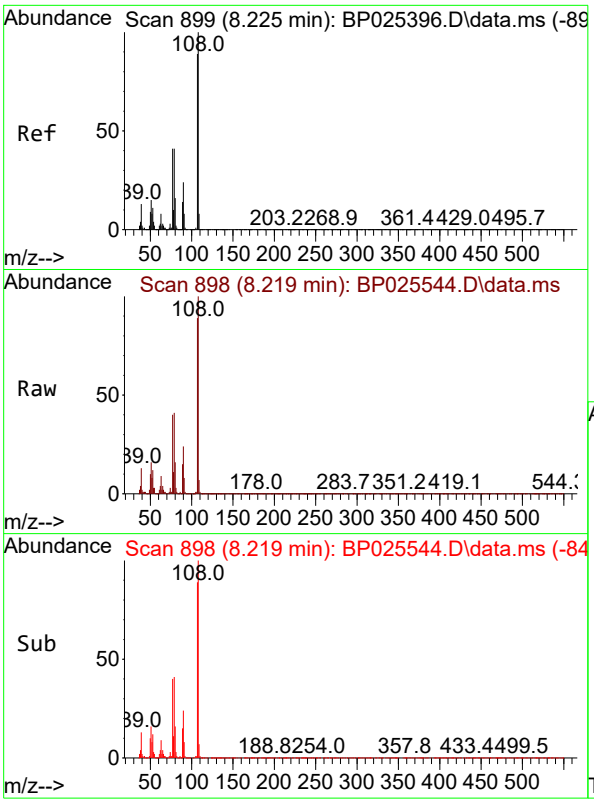


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.106 ng
RT: 8.296 min Scan# 911
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion: 45 Resp: 476882

Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	35.3
79	11.3	0.0	31.8

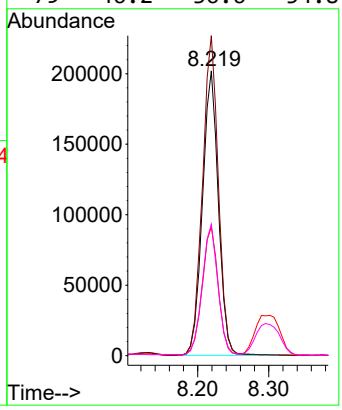




#17
2-Methylphenol
Concen: 40.788 ng
RT: 8.219 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:107 Resp: 31475

Ion	Ratio	Lower	Upper
107	100		
108	112.4	89.4	134.0
77	45.2	36.3	54.5
79	46.2	36.6	54.8



Instrument :
BNA_P
ClientSampleId :
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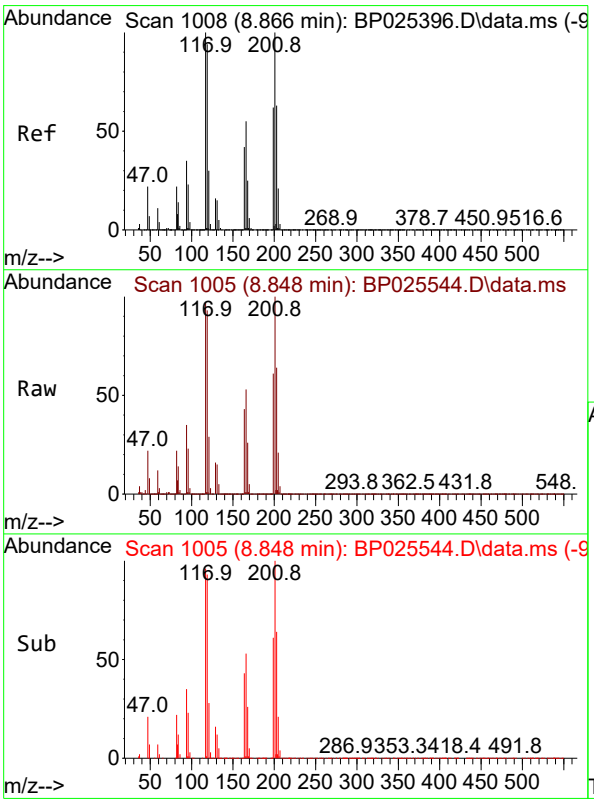
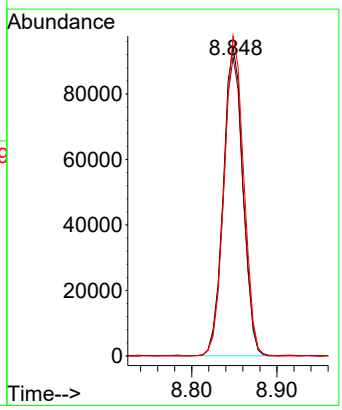
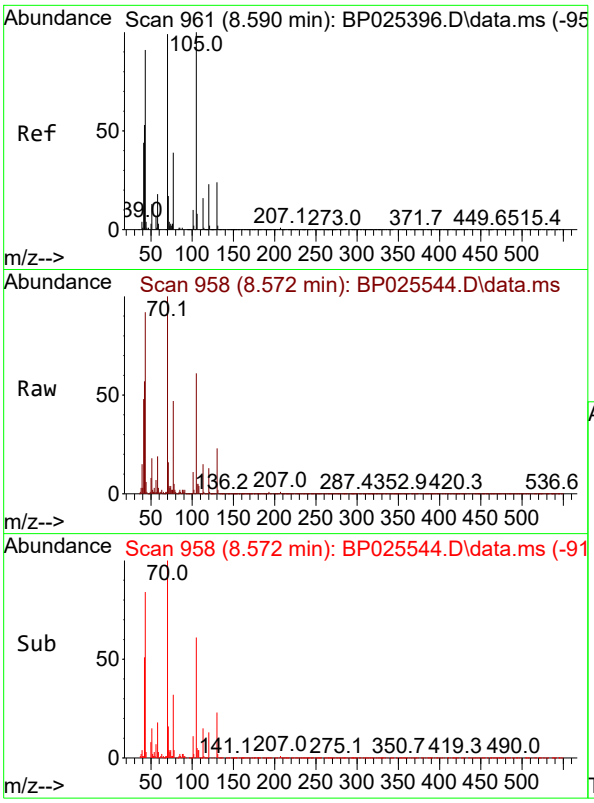


#18
Hexachloroethane
Concen: 39.385 ng
RT: 8.848 min Scan# 1005
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:117 Resp: 152108

Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.1	112.7
201	103.6	80.1	120.1

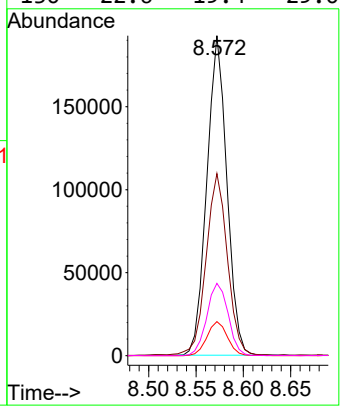




#19
n-Nitroso-di-n-propylamine
Concen: 40.285 ng
RT: 8.572 min Scan# 9
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion: 70 Resp: 28255

Ion	Ratio	Lower	Upper
70	100		
42	56.9	43.8	65.6
101	10.6	8.5	12.7
130	22.6	19.4	29.0



Instrument :
BNA_P
ClientSampleId :
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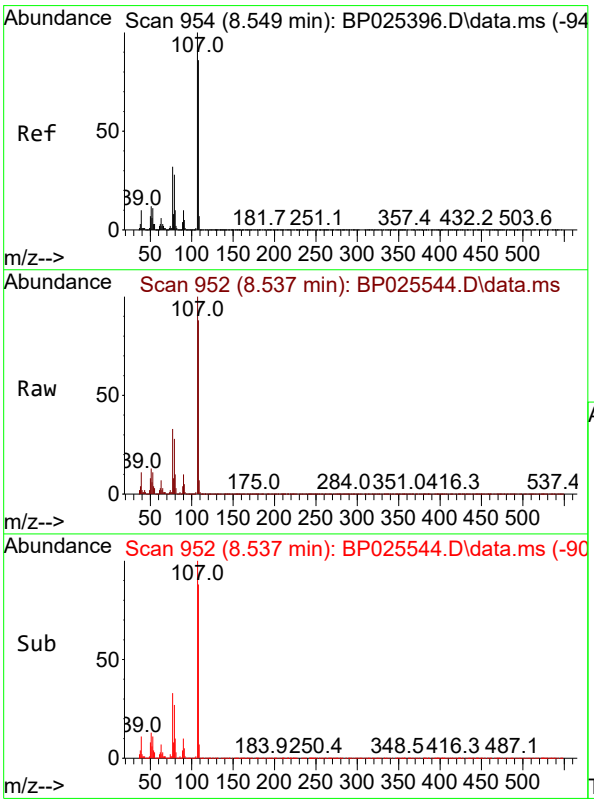
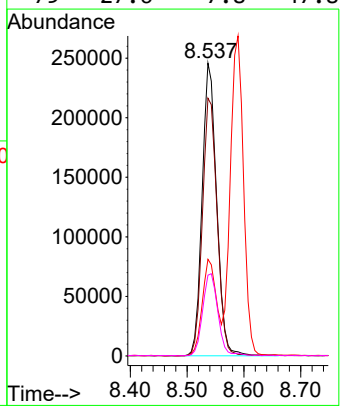
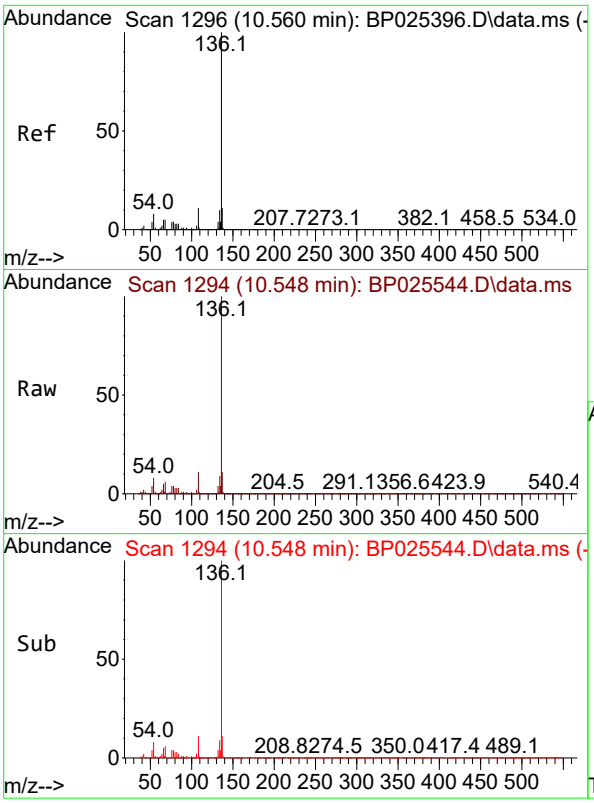


#20
3+4-Methylphenols
Concen: 40.633 ng
RT: 8.537 min Scan# 952
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:107 Resp: 434634

Ion	Ratio	Lower	Upper
107	100		
108	88.0	66.3	106.3
77	33.0	12.3	52.3
79	27.6	7.8	47.8

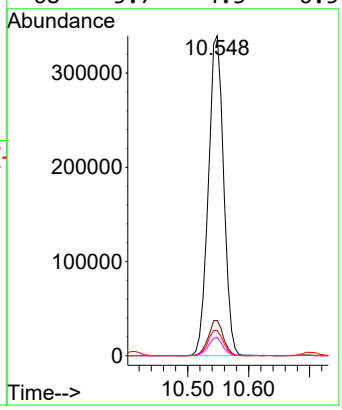




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.548 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:136 Resp: 59188

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.9	6.0	9.0
68	5.7	4.3	6.5



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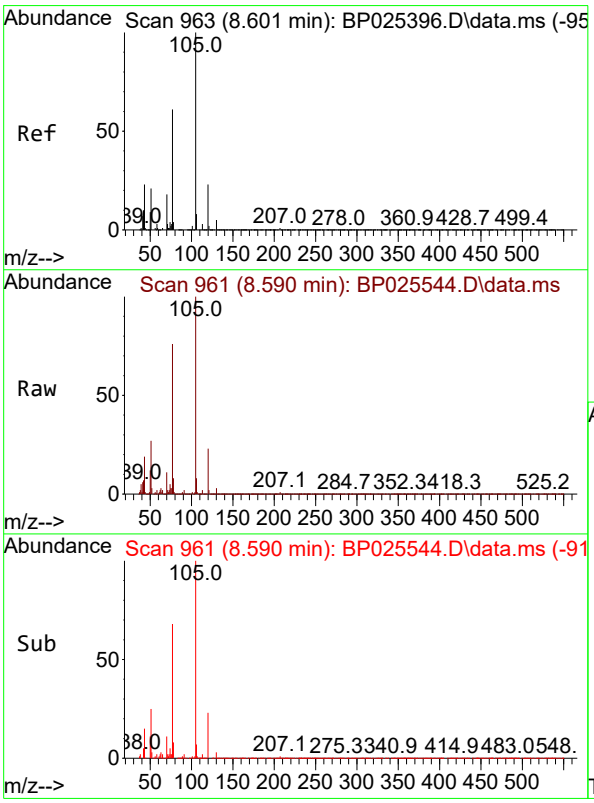
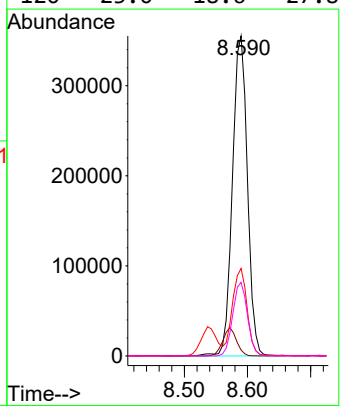
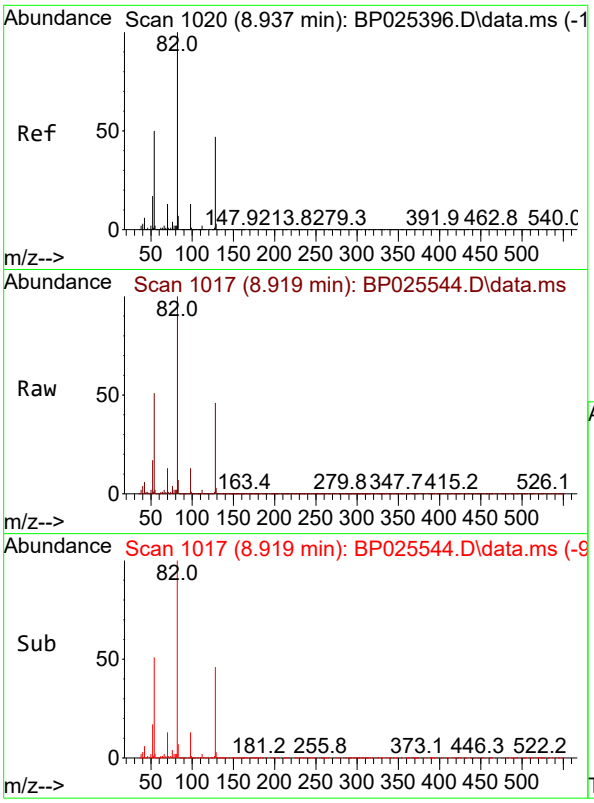


#22
Acetophenone
Concen: 39.371 ng
RT: 8.590 min Scan# 961
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:105 Resp: 584402

Ion	Ratio	Lower	Upper
105	100		
71	1.9	2.6	4.0#
51	27.4	20.6	30.8
120	23.0	18.6	27.8

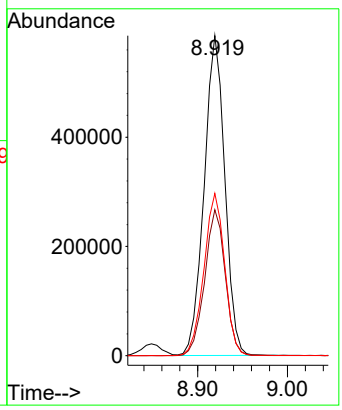




#23
Nitrobenzene-d5
Concen: 80.044 ng
RT: 8.919 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion: 82 Resp: 93657

Ion	Ratio	Lower	Upper
82	100		
128	45.6	37.7	56.5
54	50.7	39.8	59.6



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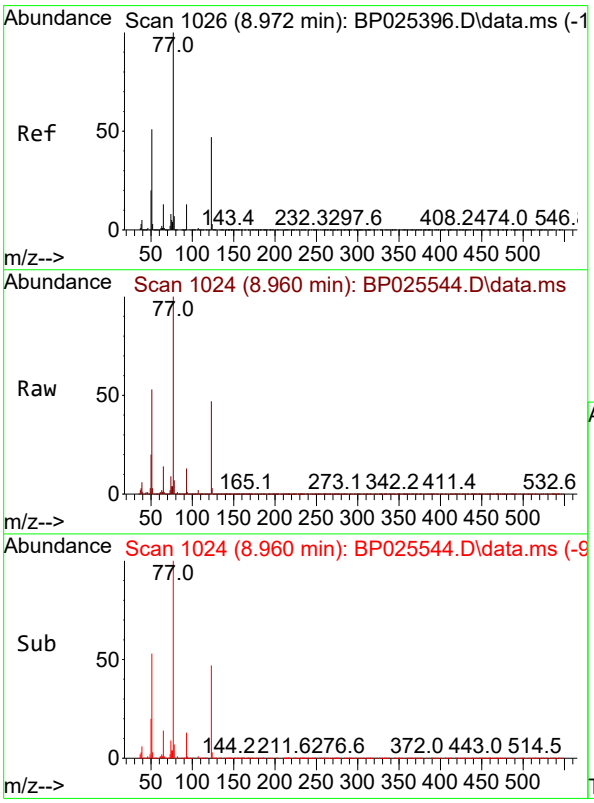
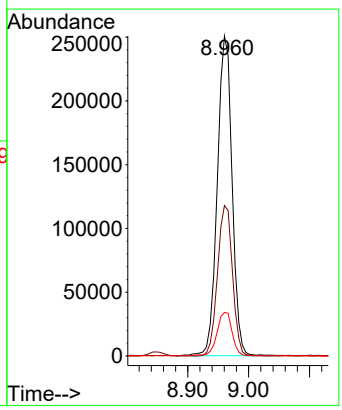
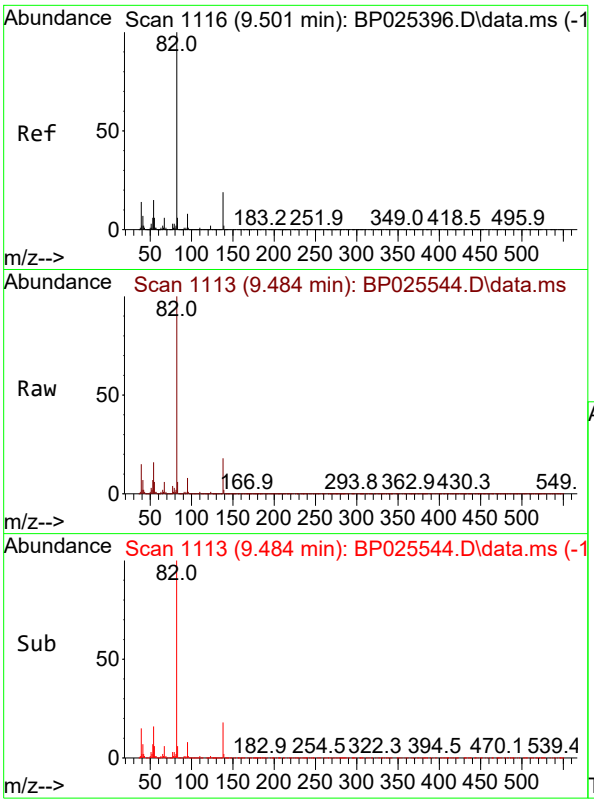


#24
Nitrobenzene
Concen: 40.465 ng
RT: 8.960 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion: 77 Resp: 423141

Ion	Ratio	Lower	Upper
77	100		
123	47.0	38.6	58.0
65	13.6	10.6	15.8

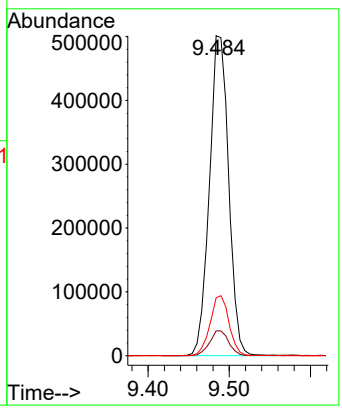




#25
Isophorone
Concen: 39.849 ng
RT: 9.484 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion: 82 Resp: 82515

Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.4	9.6
138	18.1	15.4	23.0



Instrument :
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ClientSampleId :
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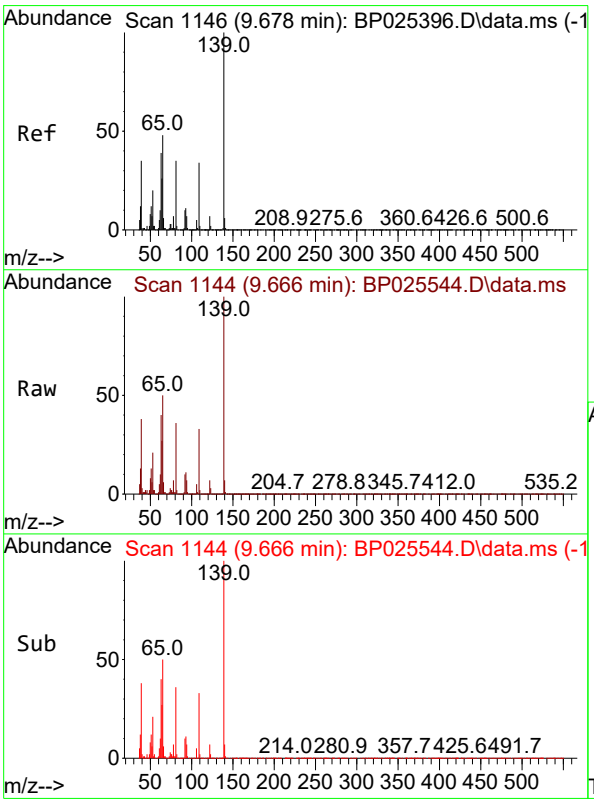
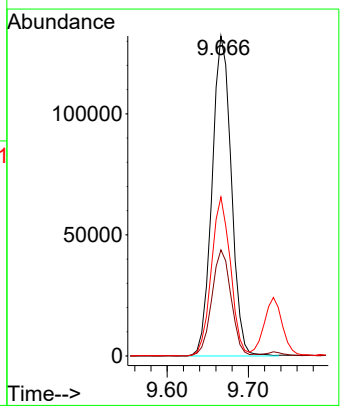
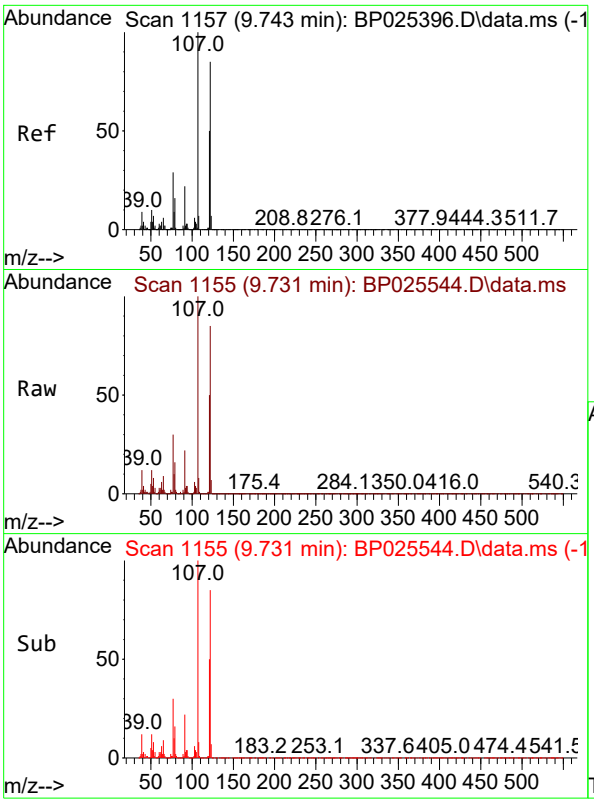


#26
2-Nitrophenol
Concen: 40.564 ng
RT: 9.666 min Scan# 1144
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:139 Resp: 217690

Ion	Ratio	Lower	Upper
139	100		
109	33.1	26.9	40.3
65	49.7	38.3	57.5

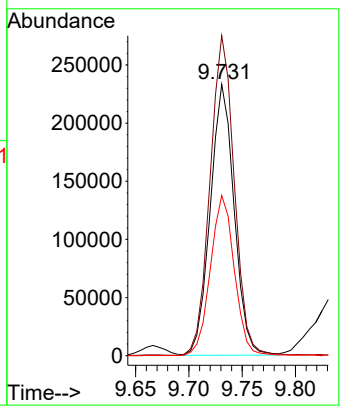




#27
2,4-Dimethylphenol
Concen: 39.326 ng
RT: 9.731 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:122 Resp: 36294

Ion	Ratio	Lower	Upper
122	100		
107	117.9	93.7	140.5
121	59.0	46.6	69.8



Instrument :
BNA_P
ClientSampleId :
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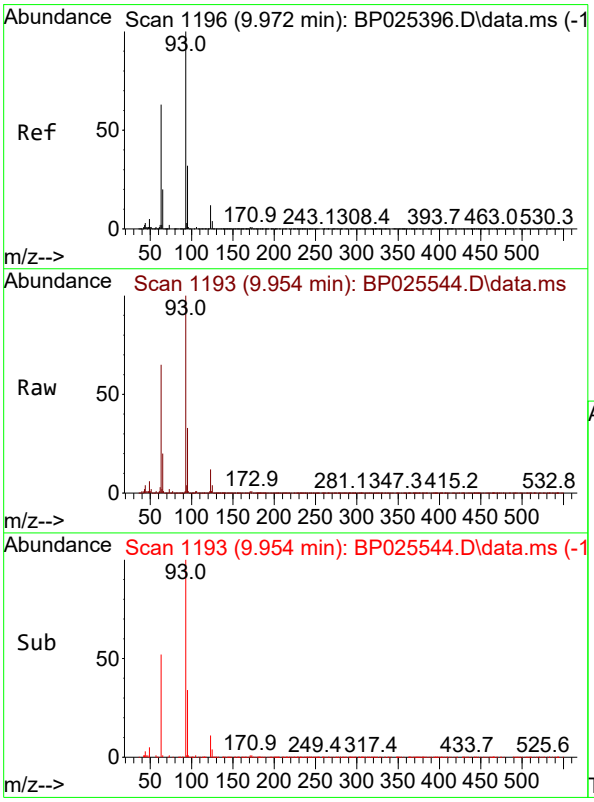
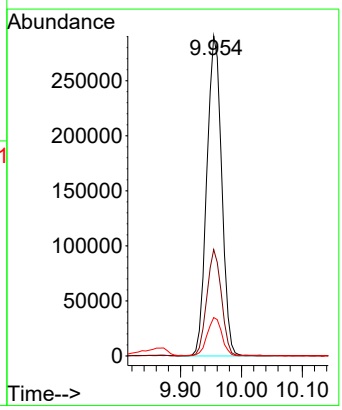
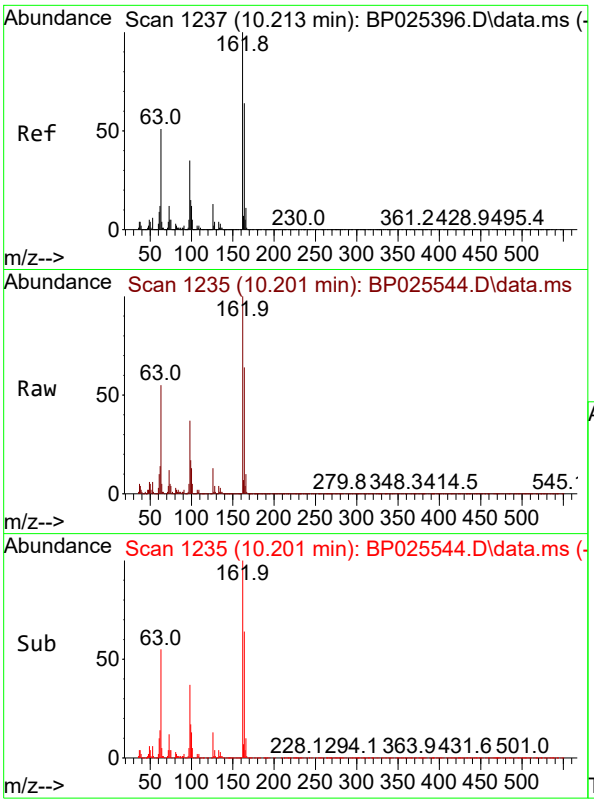


#28
bis(2-Chloroethoxy)methane
Concen: 39.349 ng
RT: 9.954 min Scan# 1193
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion: 93 Resp: 492540

Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.4	38.0
123	12.0	9.4	14.0

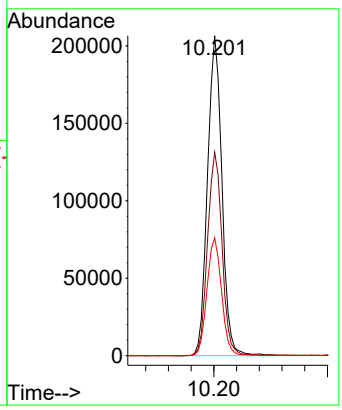




#29
2,4-Dichlorophenol
Concen: 39.589 ng
RT: 10.201 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:162 Resp: 36295

Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.4	84.4
98	36.9	14.9	54.9



Instrument :
BNA_P
ClientSampleId :
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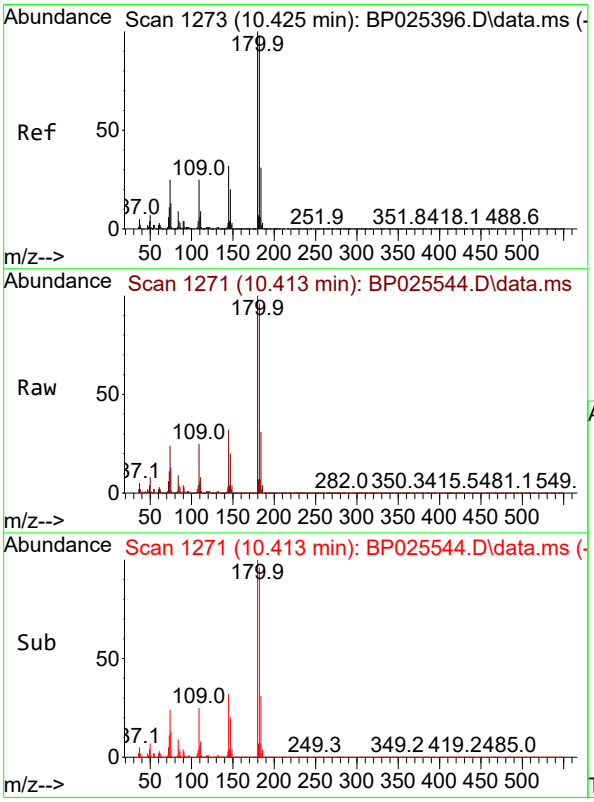
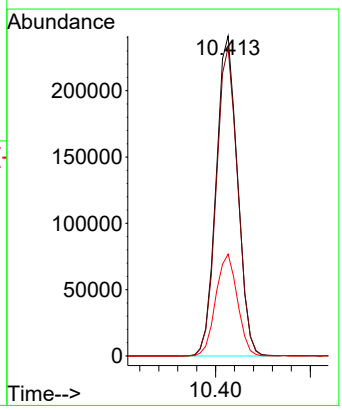
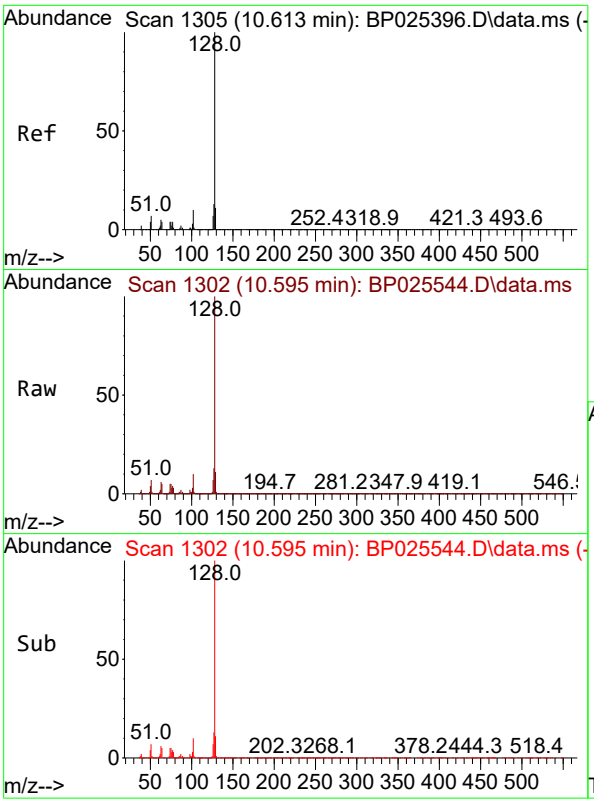


#30
1,2,4-Trichlorobenzene
Concen: 37.597 ng
RT: 10.413 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:180 Resp: 377852

Ion	Ratio	Lower	Upper
180	100		
182	96.5	78.0	117.0
145	31.9	25.9	38.9

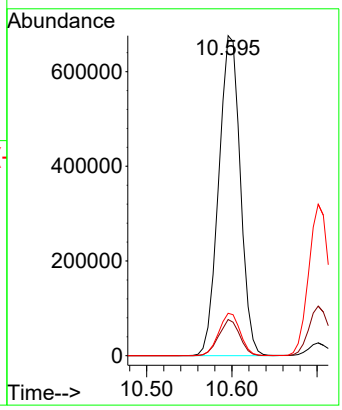




#31
Naphthalene
Concen: 38.712 ng
RT: 10.595 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:128 Resp: 119090

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	13.0
127	13.3	10.7	16.1



Instrument :
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ClientSampleId :
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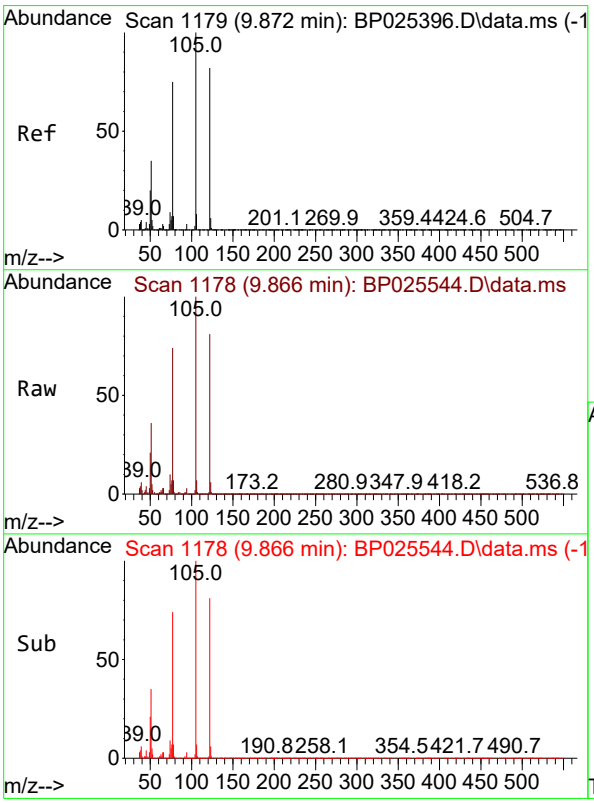
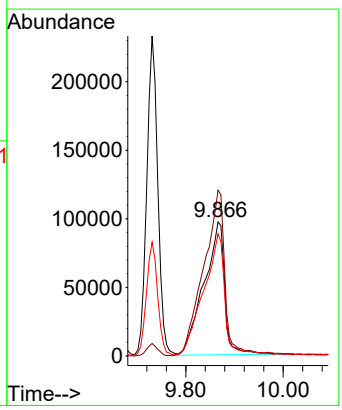
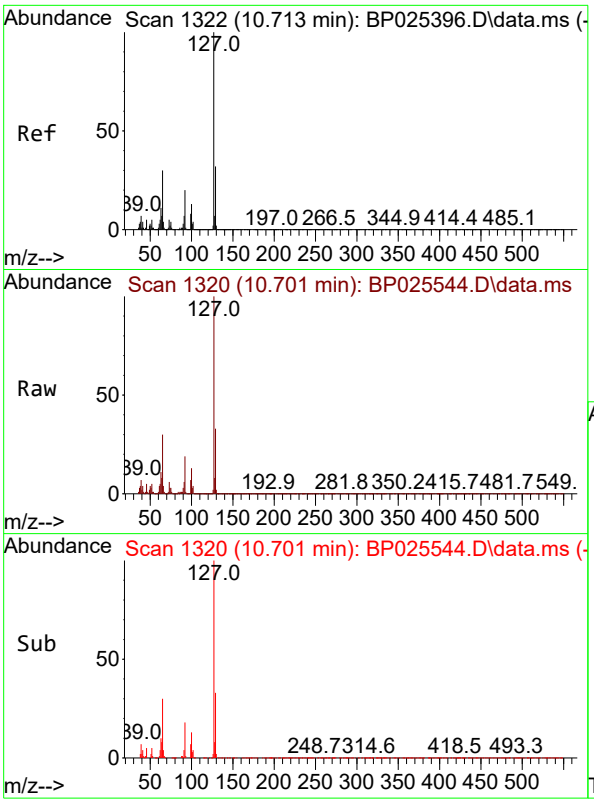


#32
Benzoic acid
Concen: 42.238 ng
RT: 9.866 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:122 Resp: 287794

Ion	Ratio	Lower	Upper
122	100		
105	123.6	100.6	140.6
77	91.1	71.5	111.5

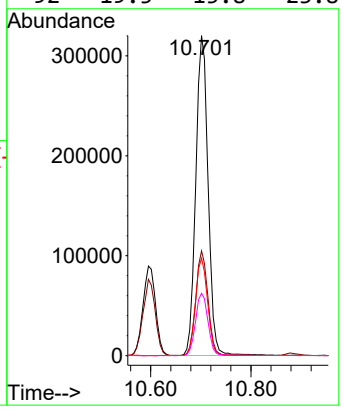




#33
4-Chloroaniline
Concen: 40.039 ng
RT: 10.701 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:127 Resp: 54408

Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.4	38.2
65	30.5	23.8	35.6
92	19.5	15.8	23.8



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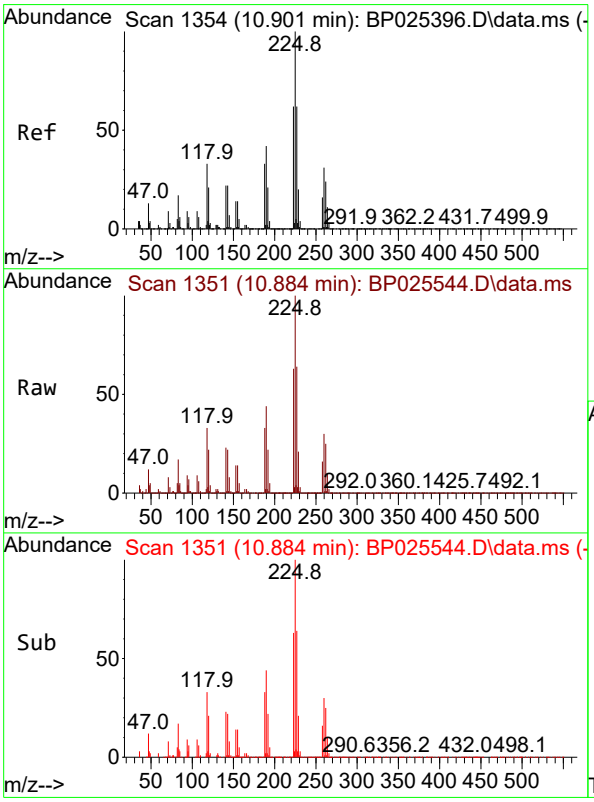
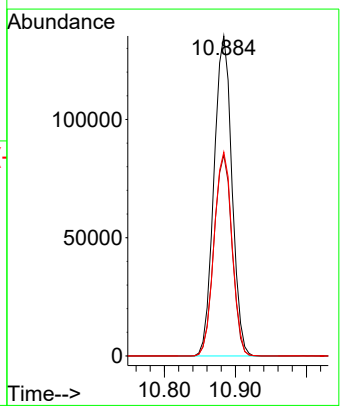
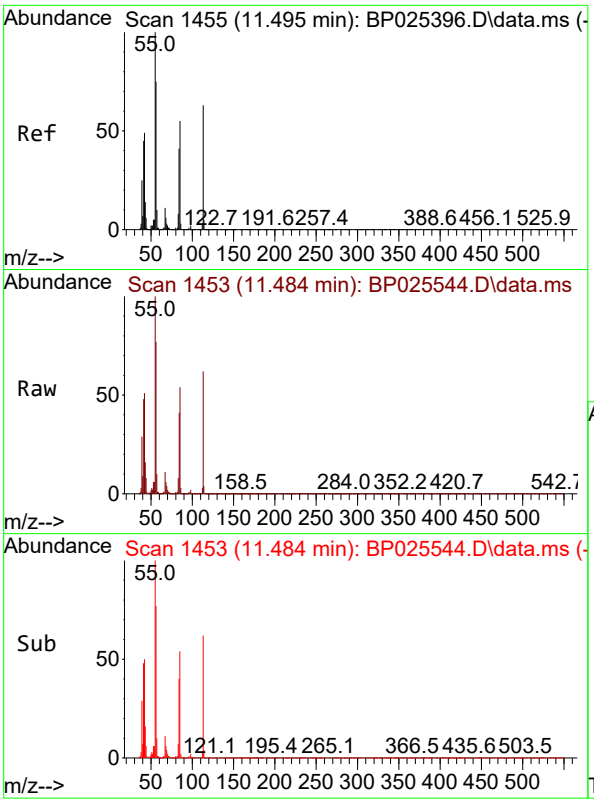


#34
Hexachlorobutadiene
Concen: 37.756 ng
RT: 10.884 min Scan# 1351
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:225 Resp: 236313

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.0	75.0
227	63.8	49.7	74.5

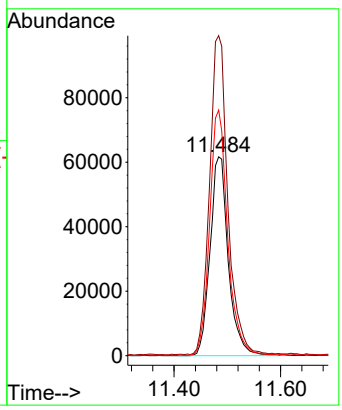




#35
Caprolactam
Concen: 43.562 ng
RT: 11.484 min Scan# 14
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:113 Resp: 14644

Ion	Ratio	Lower	Upper
113	100		
55	160.9	140.0	180.0
56	123.5	100.0	140.0



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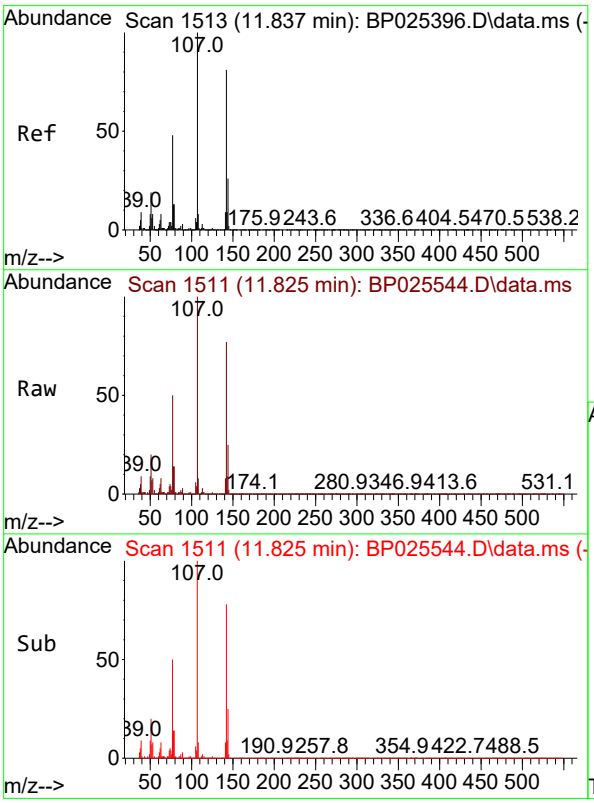
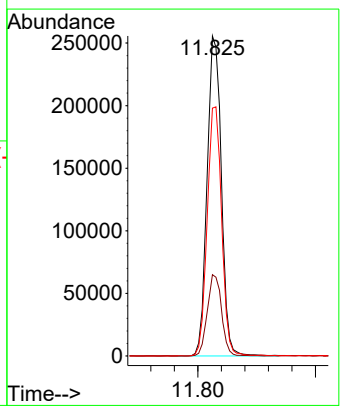
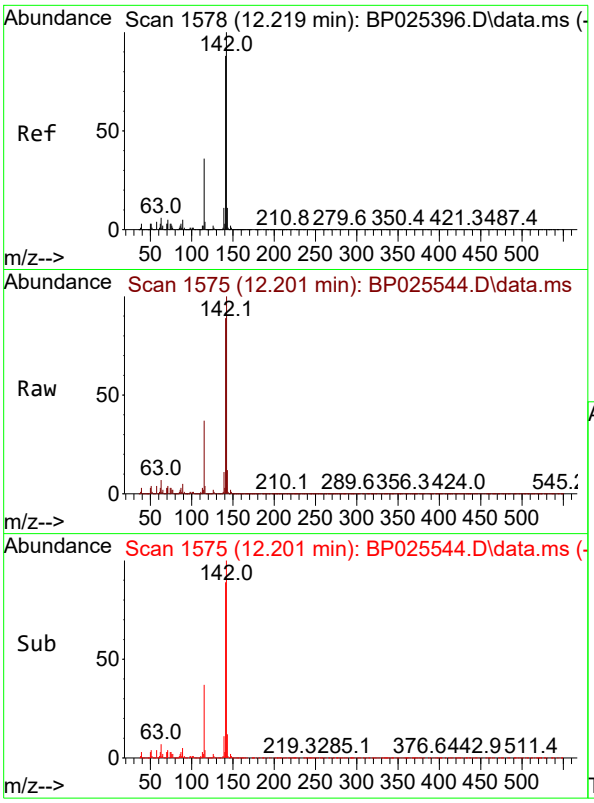


#36
4-Chloro-3-methylphenol
Concen: 40.964 ng
RT: 11.825 min Scan# 1511
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:107 Resp: 430943

Ion	Ratio	Lower	Upper
107	100		
144	25.4	21.0	31.4
142	77.5	64.6	97.0

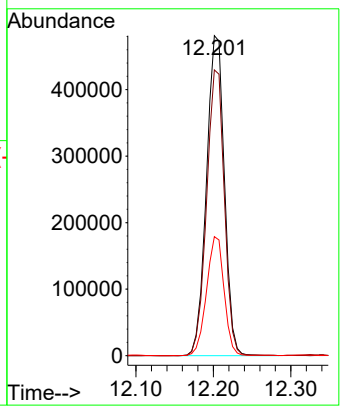




#37
2-Methylnaphthalene
Concen: 38.576 ng
RT: 12.201 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:142 Resp: 77229

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.3	105.5
115	37.2	28.9	43.3



Instrument :
BNA_P
ClientSampleId :
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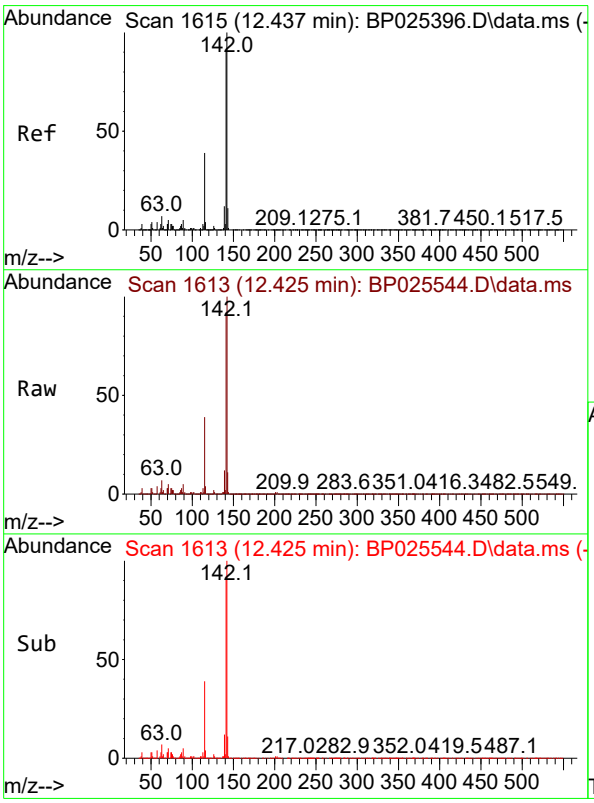
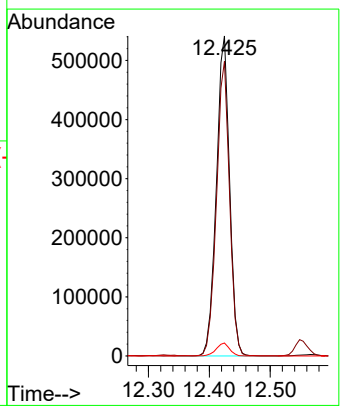
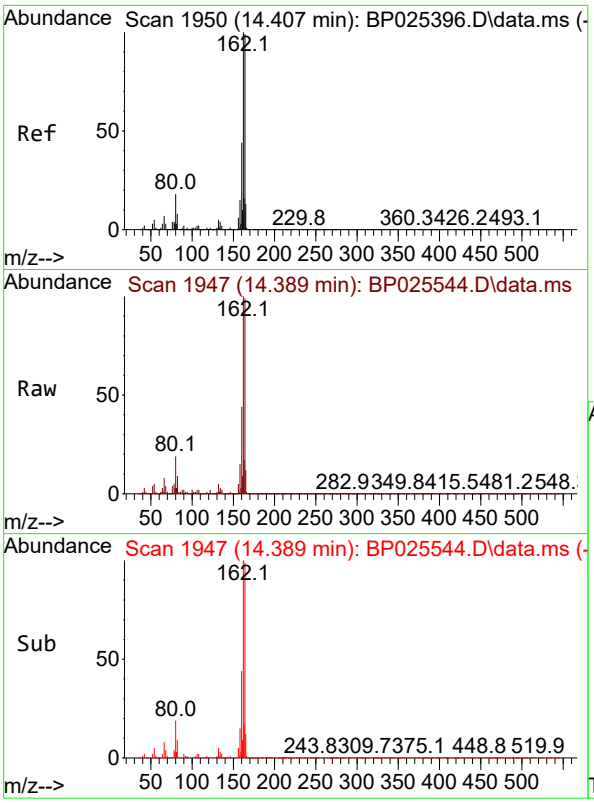


#38
1-Methylnaphthalene
Concen: 38.255 ng
RT: 12.425 min Scan# 1613
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:142 Resp: 814475

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.1	109.7
116	4.0	3.2	4.8

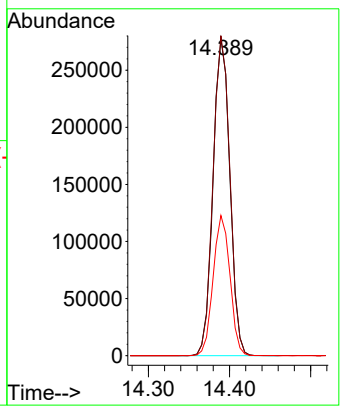




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:164 Resp: 40078

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.0	121.6
160	44.3	35.4	53.2



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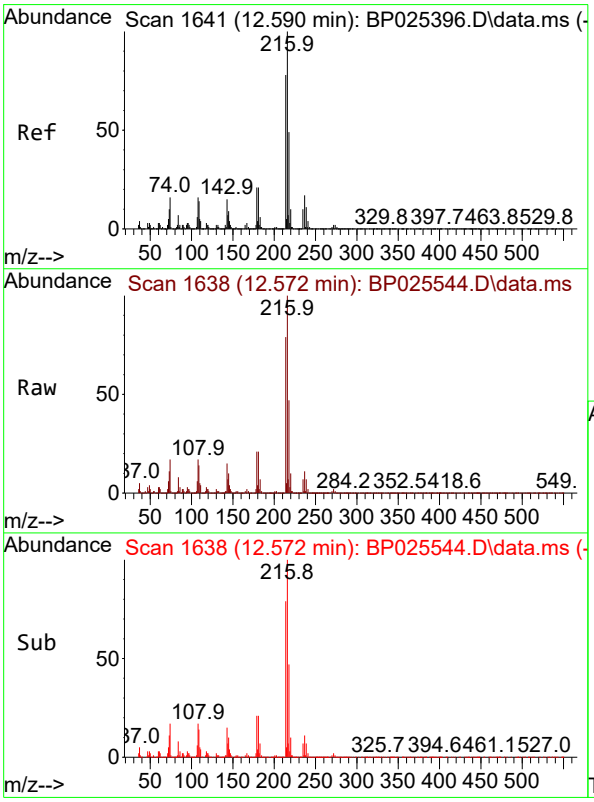
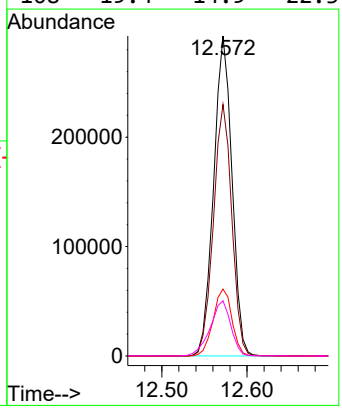
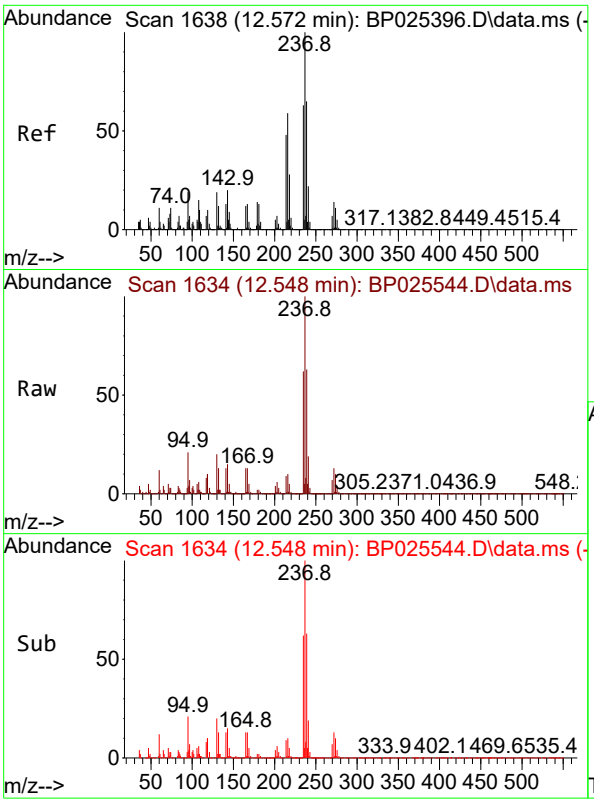


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.916 ng
RT: 12.572 min Scan# 1638
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:216 Resp: 438884

Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.4
179	21.4	17.1	25.7
108	19.4	14.9	22.3





#41
Hexachlorocyclopentadiene
Concen: 45.555 ng
RT: 12.548 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:237 Resp: 31851

Ion	Ratio	Lower	Upper
237	100		
235	62.0	42.7	82.7
272	12.8	0.0	34.0

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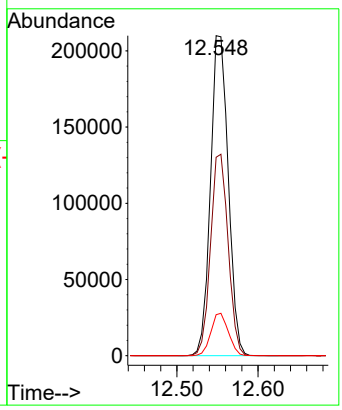
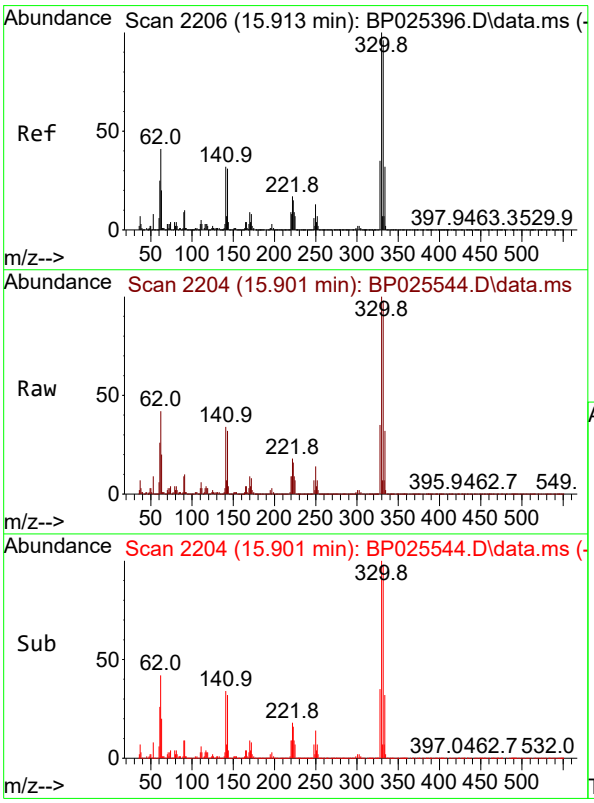
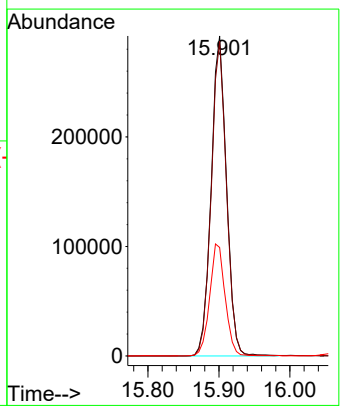


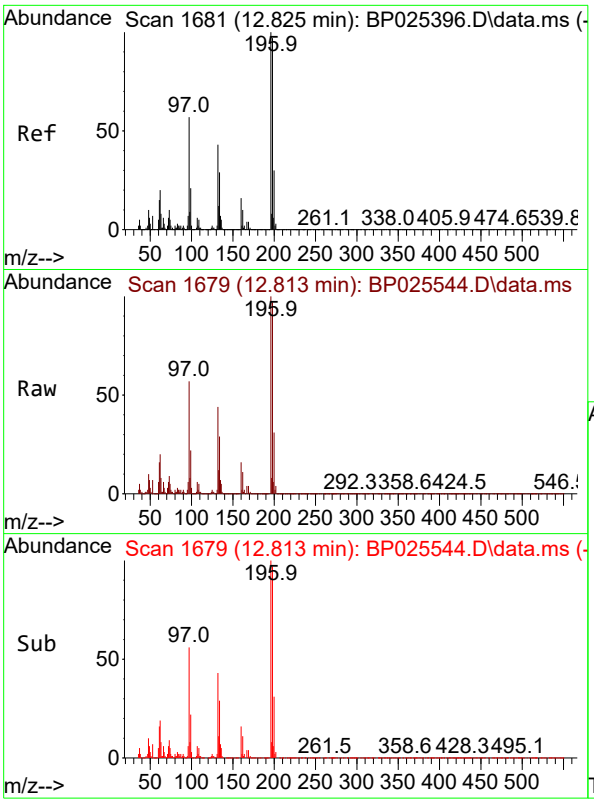


#42
2,4,6-Tribromophenol
Concen: 81.081 ng
RT: 15.901 min Scan# 2204
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:330 Resp: 437400

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.3	115.9
141	35.3	26.6	39.8

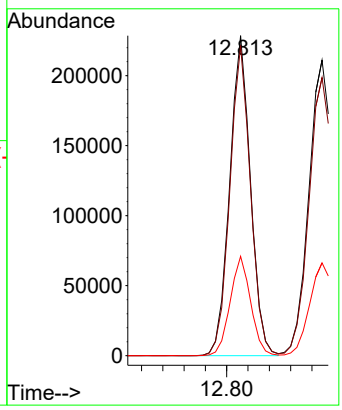




#43
2,4,6-Trichlorophenol
Concen: 39.701 ng
RT: 12.813 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:196 Resp: 31024

Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.2	115.8
200	31.1	23.9	35.9



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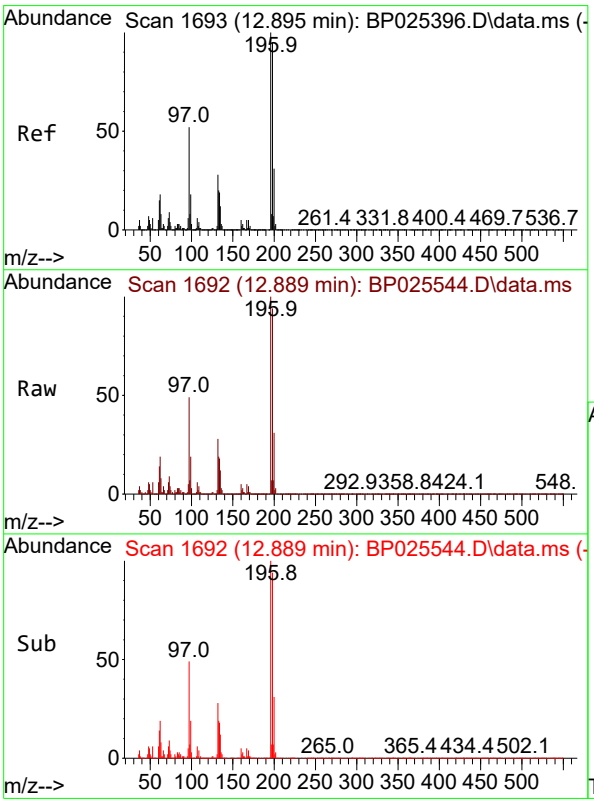
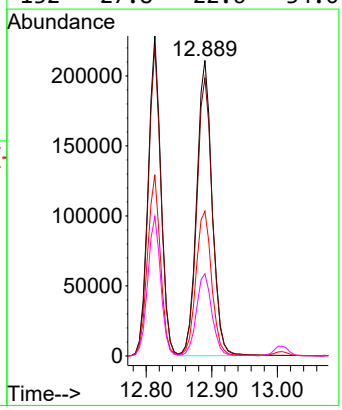
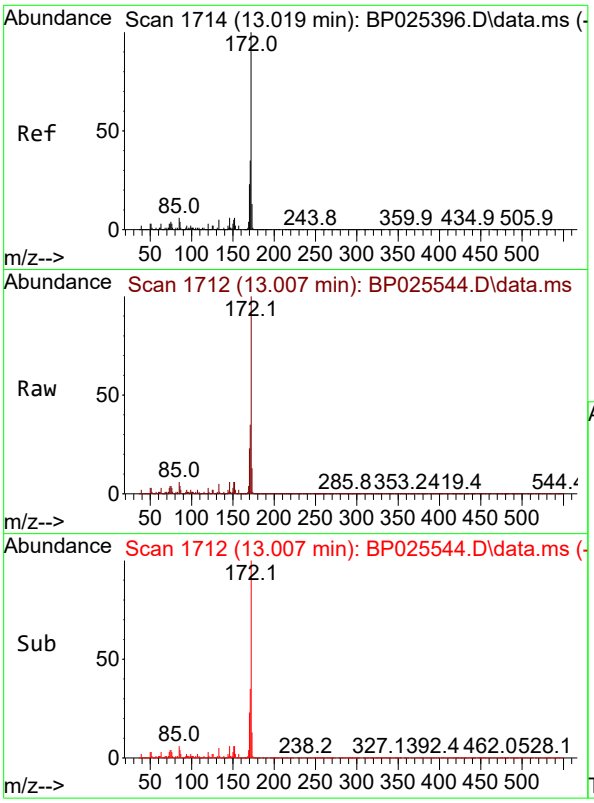


#44
2,4,5-Trichlorophenol
Concen: 40.266 ng
RT: 12.889 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:196 Resp: 344858

Ion	Ratio	Lower	Upper
196	100		
198	94.1	76.2	114.2
97	49.0	41.2	61.8
132	27.8	22.6	34.0

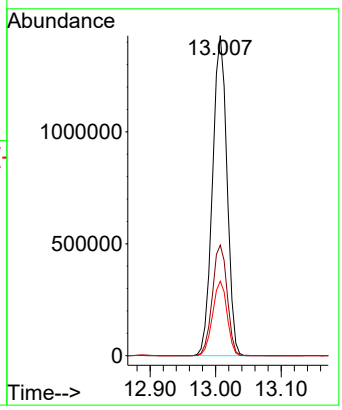




#45
2-Fluorobiphenyl
Concen: 74.582 ng
RT: 13.007 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:172 Resp: 218713

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.1	42.1
170	23.2	18.6	28.0



Instrument :
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ClientSampleId :
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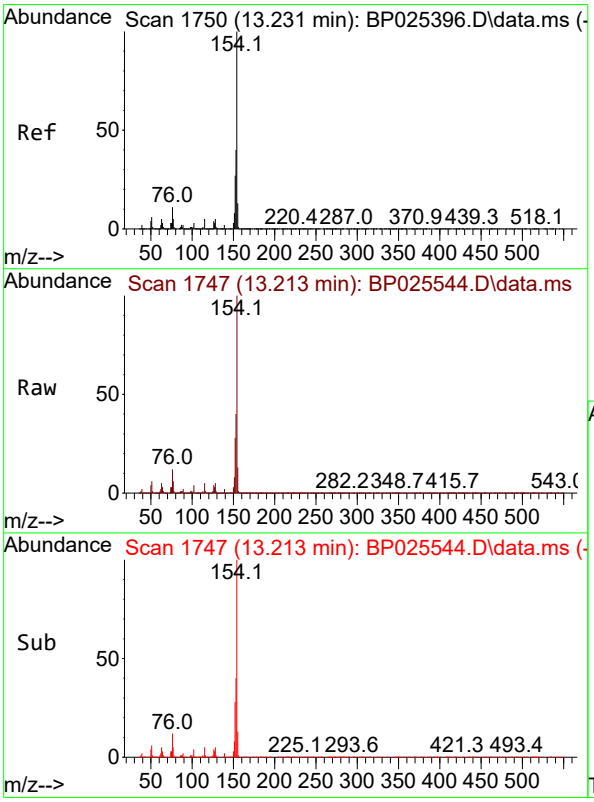
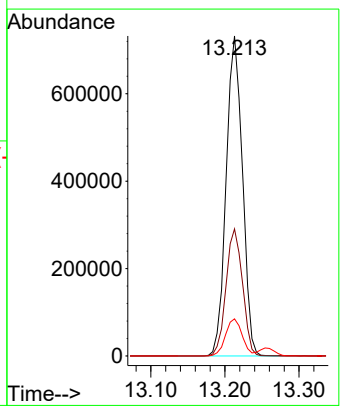
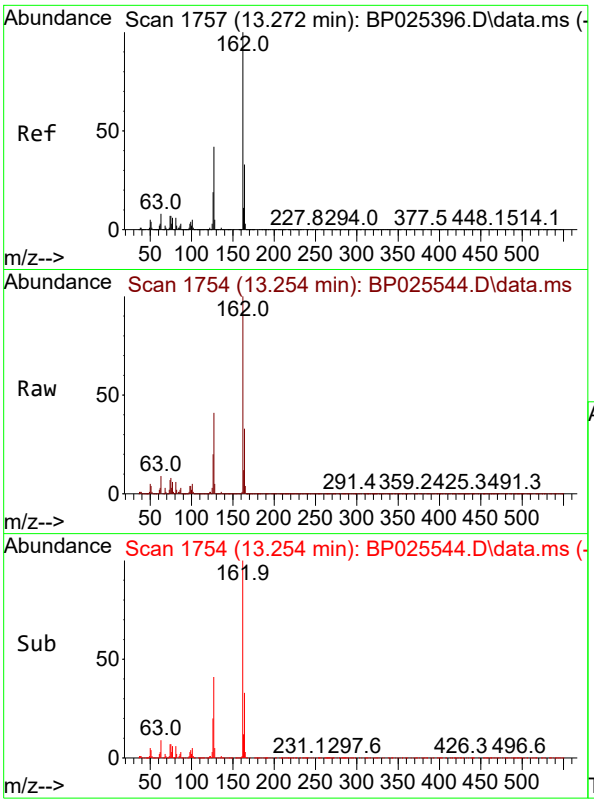


#46
1,1'-Biphenyl
Concen: 38.335 ng
RT: 13.213 min Scan# 1747
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:154 Resp: 1115829

Ion	Ratio	Lower	Upper
154	100		
153	39.7	19.5	59.5
76	11.6	0.0	31.1

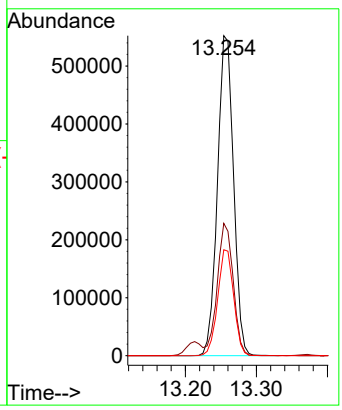




#47
2-Chloronaphthalene
Concen: 38.216 ng
RT: 13.254 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:162 Resp: 86595

Ion	Ratio	Lower	Upper
162	100		
127	41.4	33.4	50.2
164	33.1	26.2	39.2



Instrument :
BNA_P
ClientSampleId :
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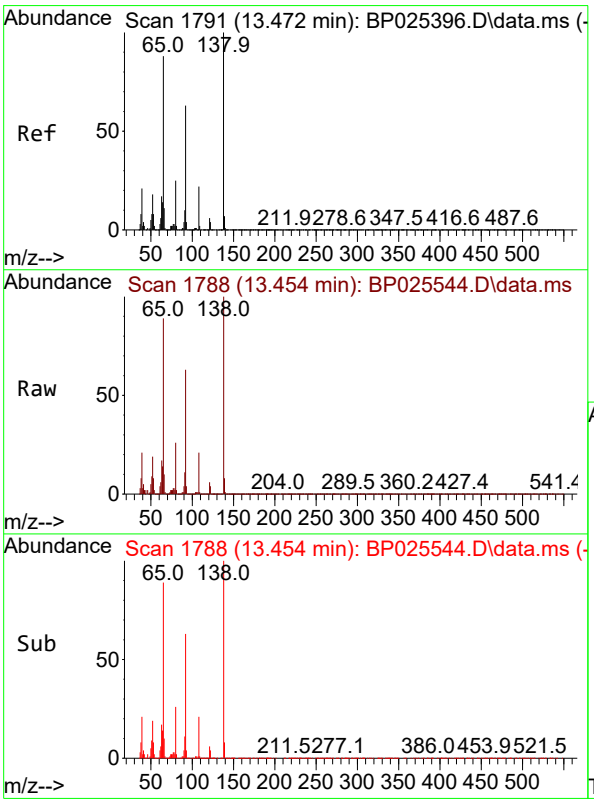
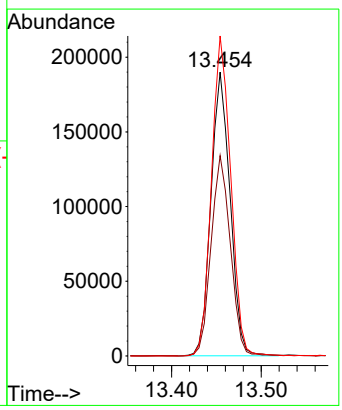
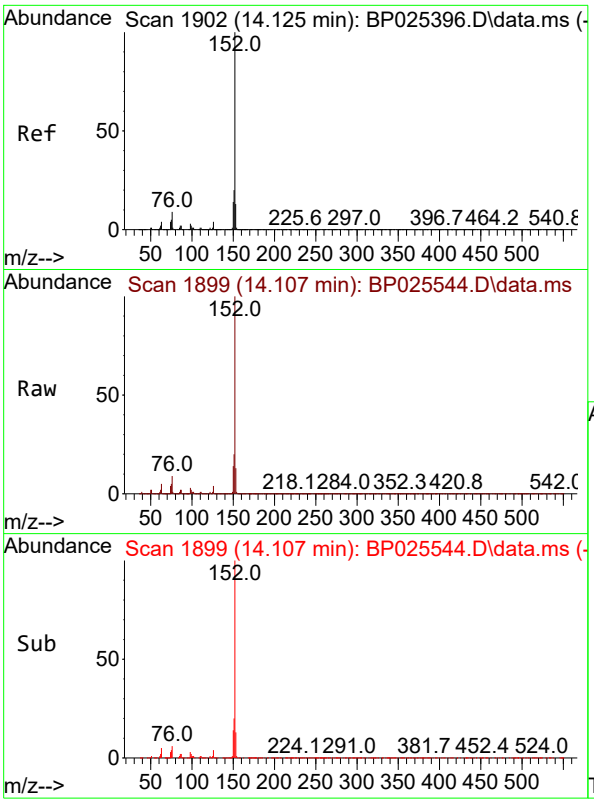


#48
2-Nitroaniline
Concen: 42.664 ng
RT: 13.454 min Scan# 1788
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion: 65 Resp: 281688

Ion	Ratio	Lower	Upper
65	100		
92	70.6	57.6	86.4
138	112.7	91.0	136.6

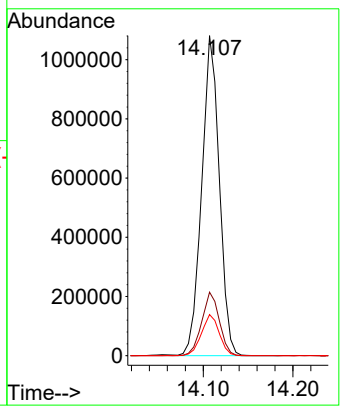




#49
Acenaphthylene
Concen: 39.203 ng
RT: 14.107 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:152 Resp: 146995

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0
153	12.9	10.6	15.8



Instrument :
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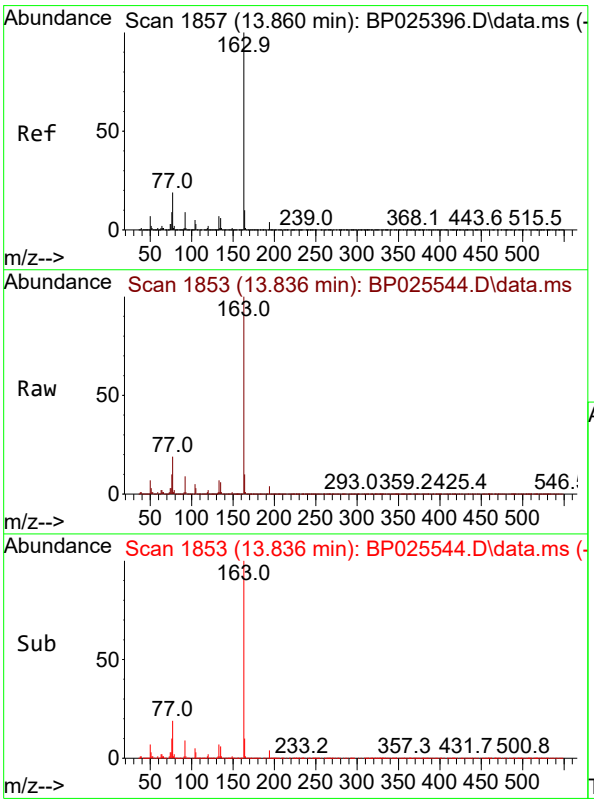
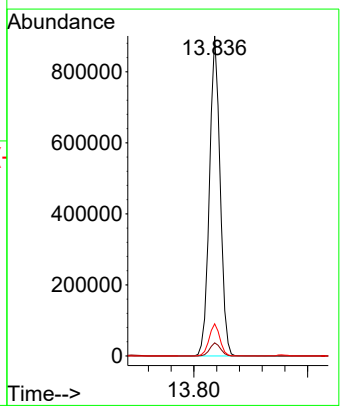
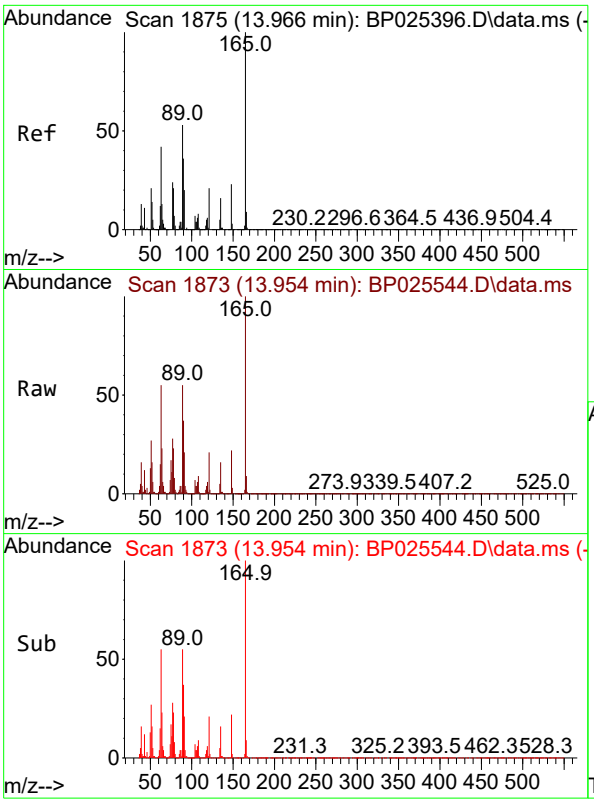


#50
Dimethylphthalate
Concen: 39.739 ng
RT: 13.836 min Scan# 1853
Delta R.T. -0.024 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:163 Resp: 1166302

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.1	7.9	11.9

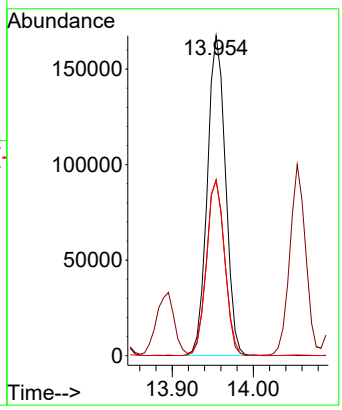




#51
2,6-Dinitrotoluene
Concen: 41.932 ng
RT: 13.954 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:165 Resp: 25938

Ion	Ratio	Lower	Upper
165	100		
63	54.9	40.9	61.3
89	54.9	42.1	63.1



Instrument :
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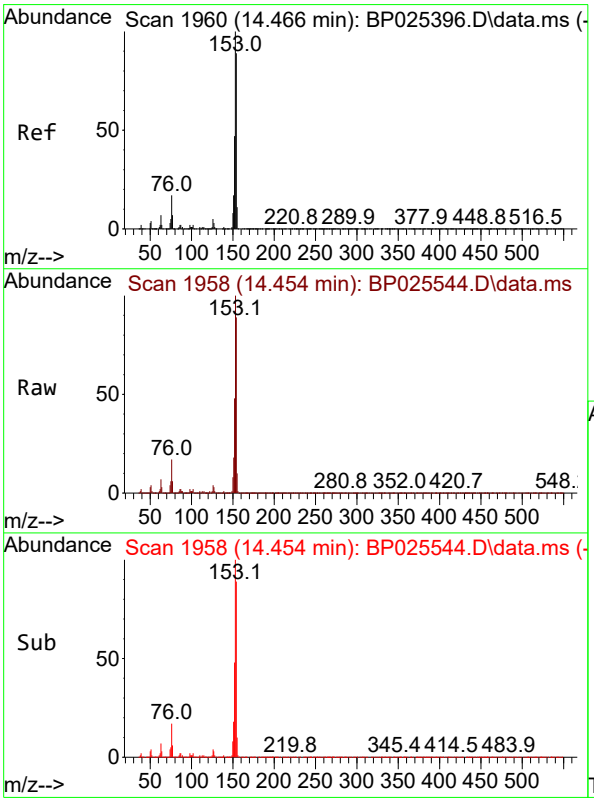
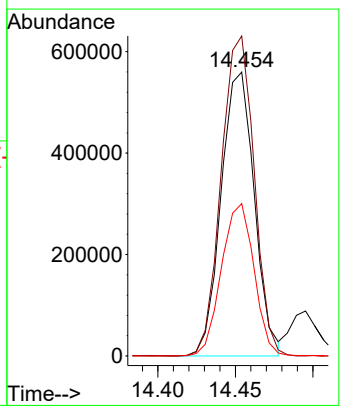
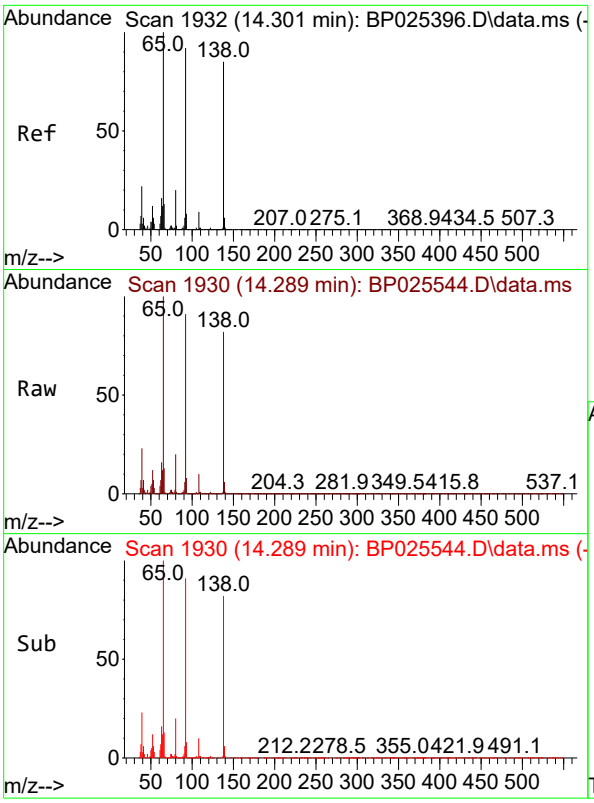


#52
Acenaphthene
Concen: 37.949 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:154 Resp: 835227

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.2	135.2
152	53.6	42.1	63.1

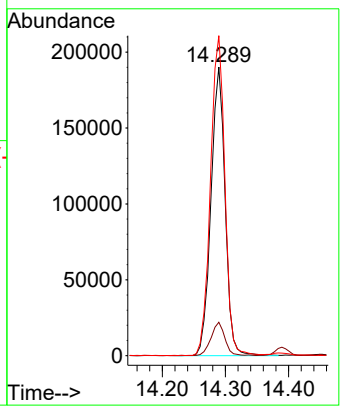




#53
3-Nitroaniline
Concen: 42.560 ng
RT: 14.289 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:138 Resp: 29620

Ion	Ratio	Lower	Upper
138	100		
108	11.6	8.3	12.5
92	110.9	86.2	129.2



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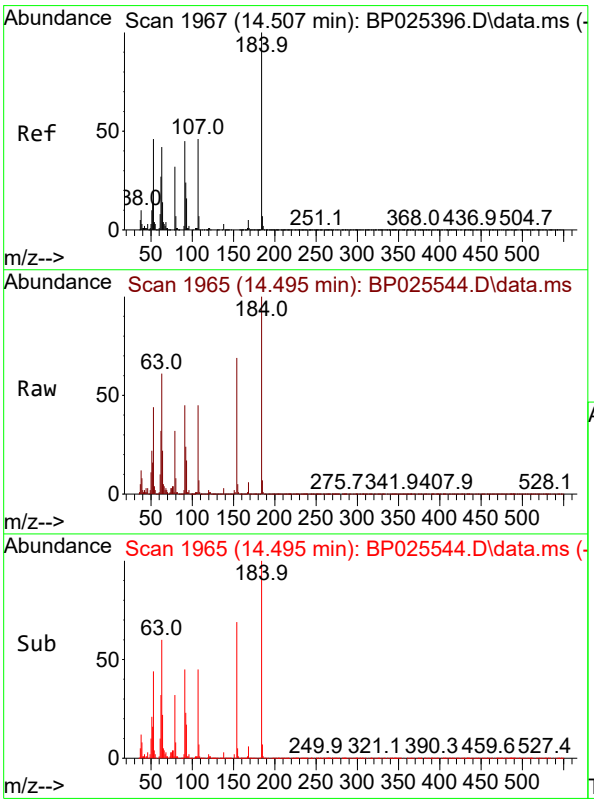
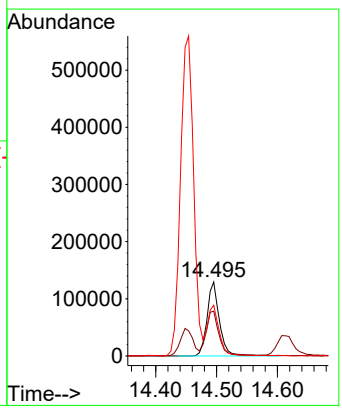
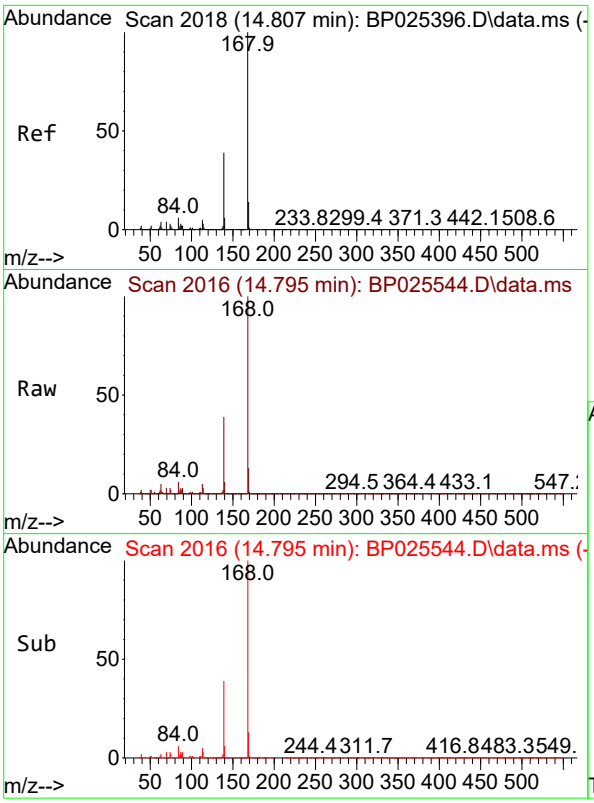


#54
2,4-Dinitrophenol
Concen: 55.404 ng
RT: 14.495 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:184 Resp: 183023

Ion	Ratio	Lower	Upper
184	100		
63	60.6	49.4	74.2
154	68.7	54.6	82.0

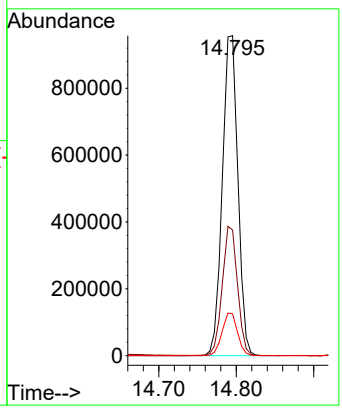




#55
Dibenzofuran
Concen: 38.443 ng
RT: 14.795 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:168 Resp: 133768

Ion	Ratio	Lower	Upper
168	100		
139	39.3	31.5	47.3
169	13.1	10.9	16.3



Instrument :
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ClientSampleId :
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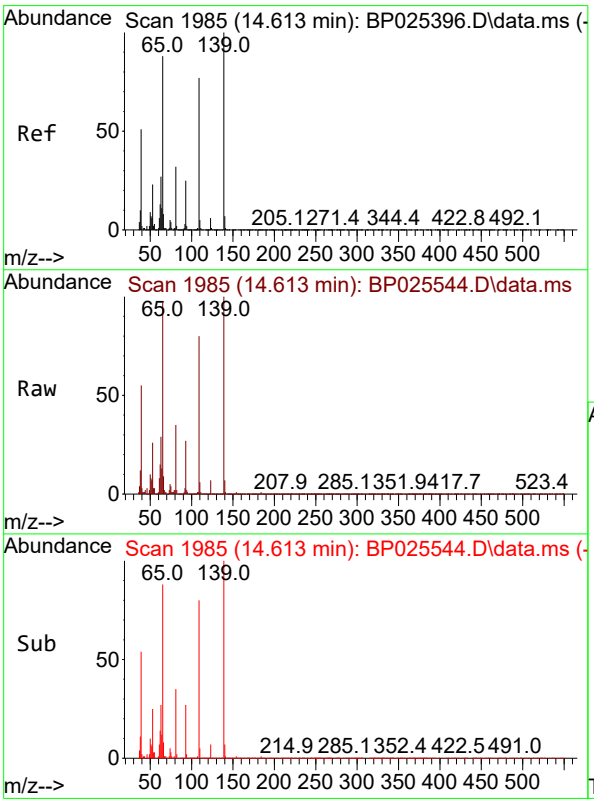
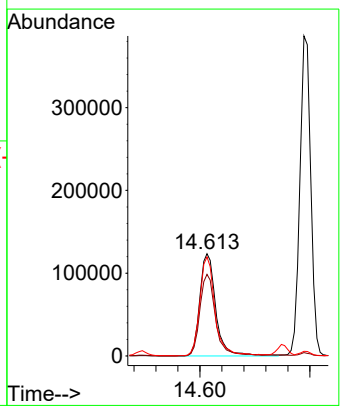
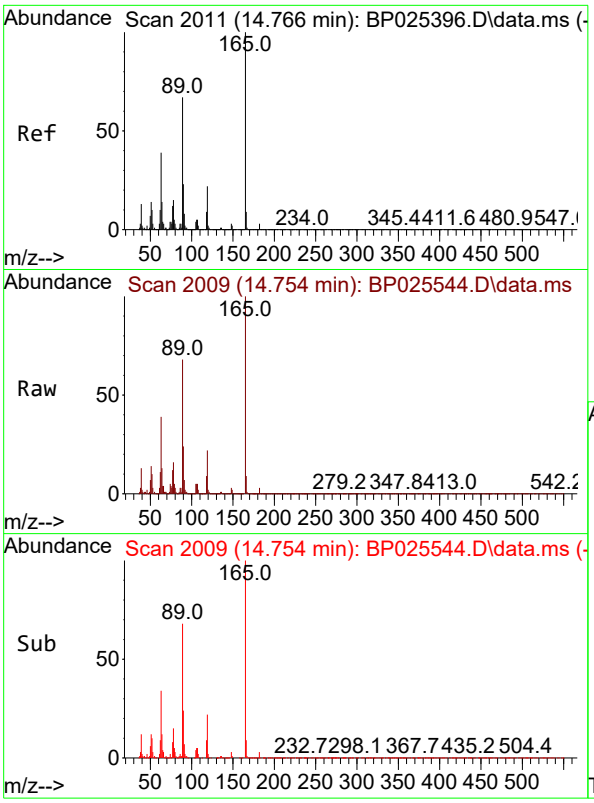


#56
4-Nitrophenol
Concen: 43.566 ng
RT: 14.613 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:139 Resp: 249157

Ion	Ratio	Lower	Upper
139	100		
109	79.8	56.6	96.6
65	96.8	68.2	108.2

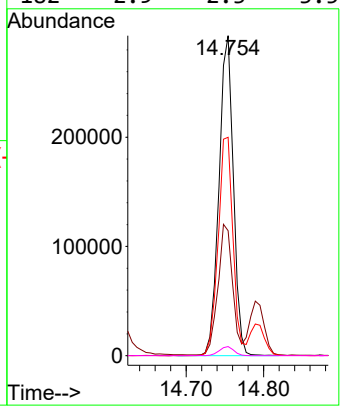




#57
2,4-Dinitrotoluene
Concen: 42.783 ng
RT: 14.754 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:165 Resp: 37758

Ion	Ratio	Lower	Upper
165	100		
63	39.1	31.4	47.2
89	68.2	53.3	79.9
182	2.9	2.3	3.5



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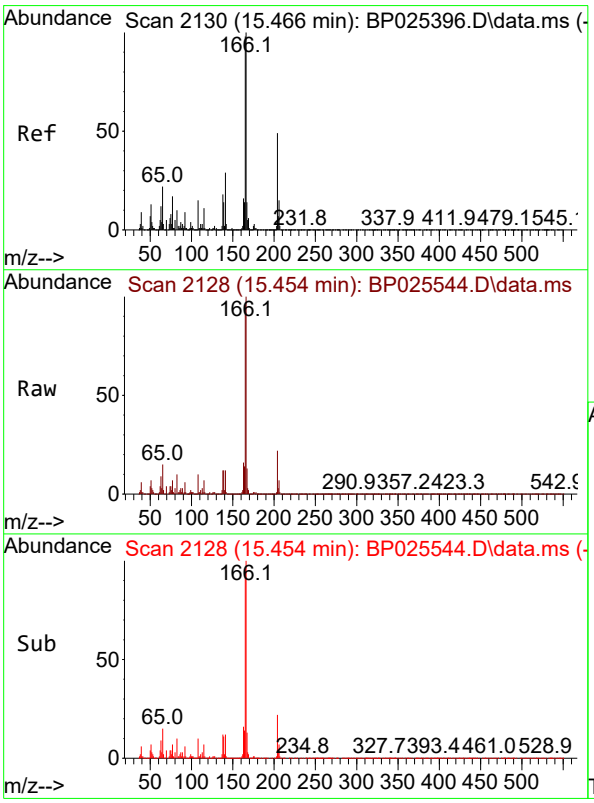
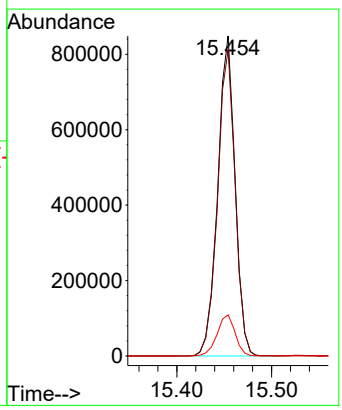
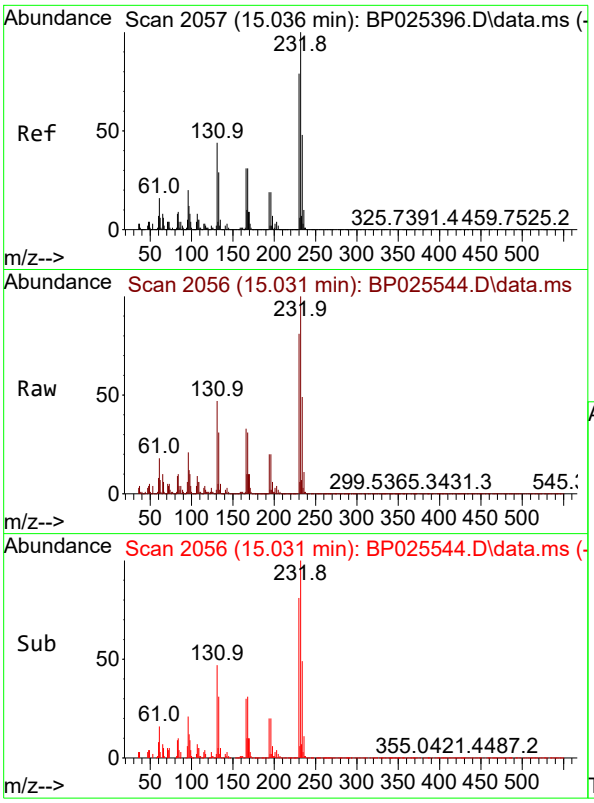


#58
Fluorene
Concen: 39.409 ng
RT: 15.454 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:166 Resp: 1082057

Ion	Ratio	Lower	Upper
166	100		
165	95.7	78.8	118.2
167	12.8	11.0	16.4

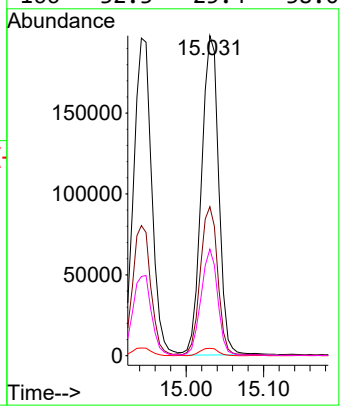




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.427 ng
RT: 15.031 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:232 Resp: 30571

Ion	Ratio	Lower	Upper
232	100		
131	47.1	37.0	55.6
130	2.4	1.9	2.9
166	32.3	25.4	38.0



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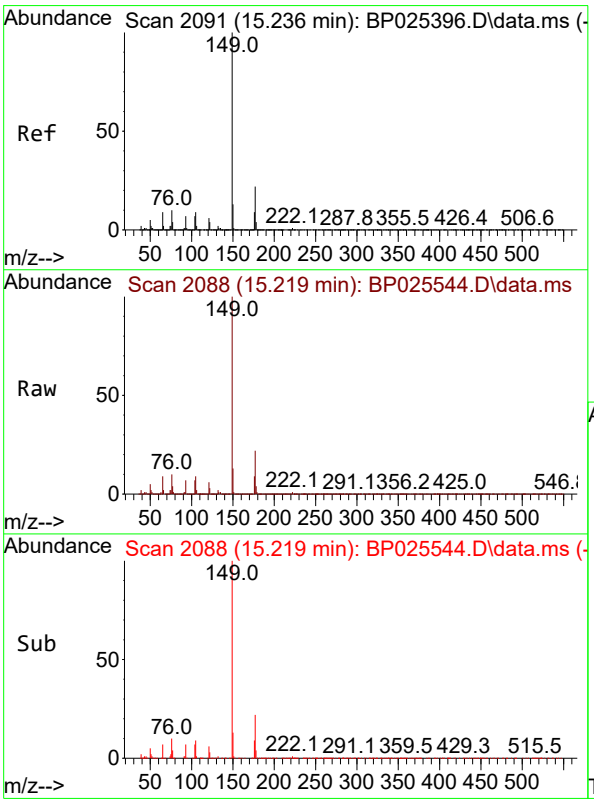
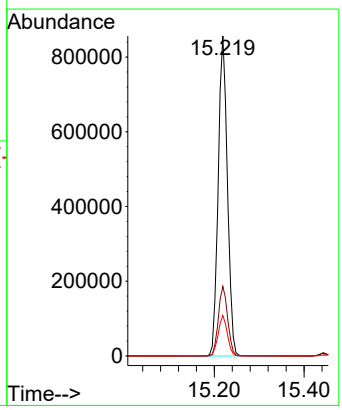
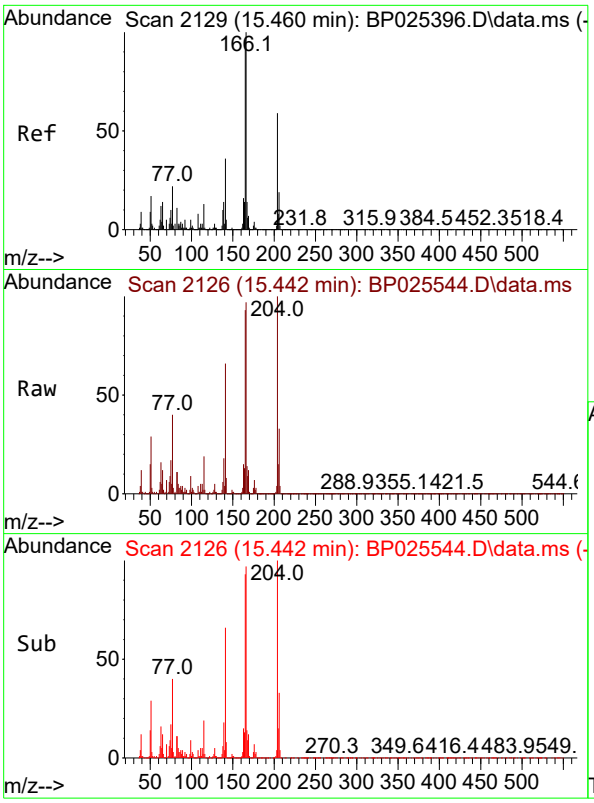


#60
Diethylphthalate
Concen: 40.853 ng
RT: 15.219 min Scan# 2088
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:149 Resp: 1218314

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.3	25.9
150	12.7	10.3	15.5





#61
4-Chlorophenyl-phenylether
Concen: 38.356 ng
RT: 15.442 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:204 Resp: 52376

Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.8	38.8
141	65.8	49.4	74.2

Instrument :
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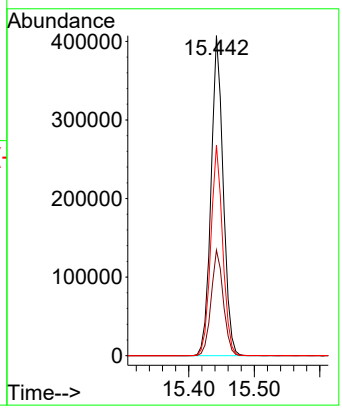

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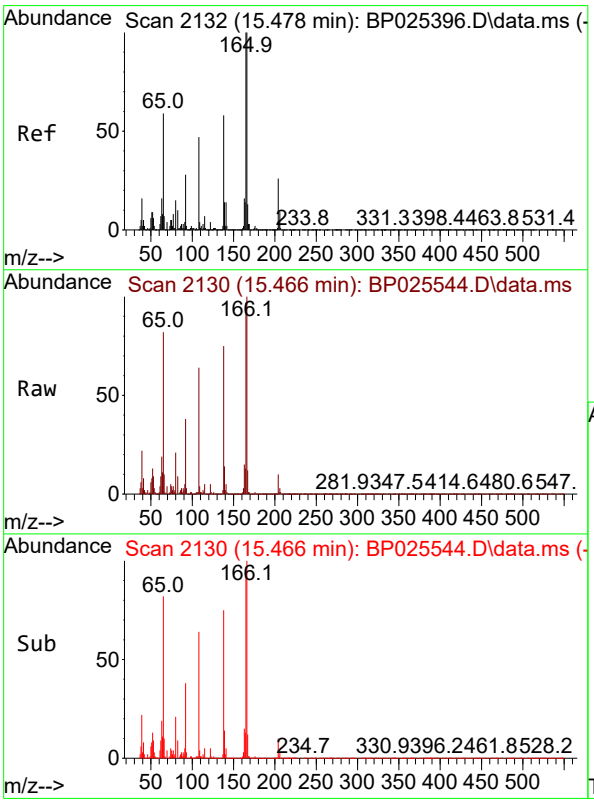
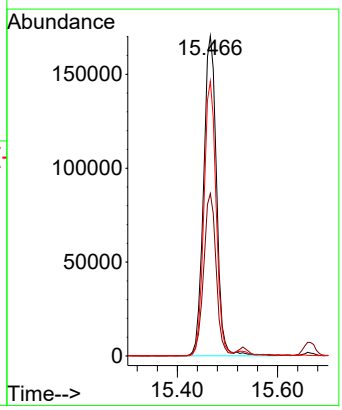
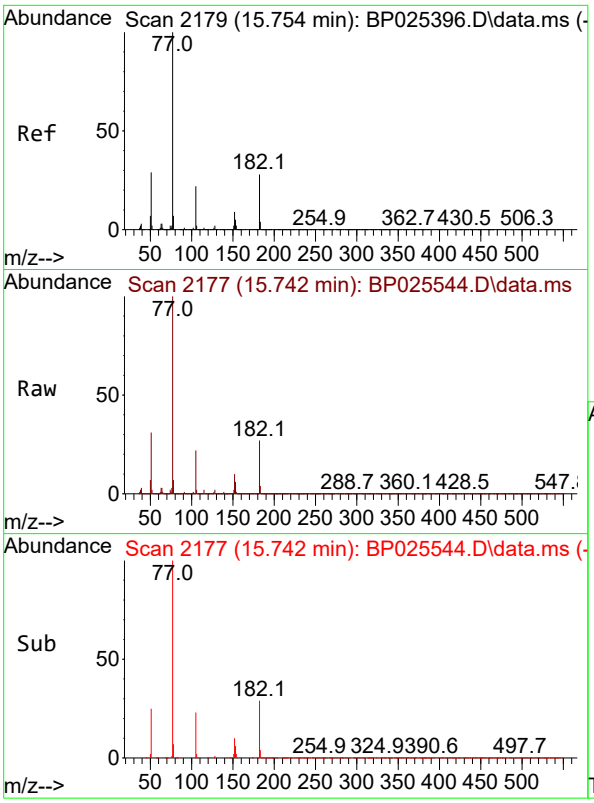


#62
4-Nitroaniline
Concen: 42.887 ng
RT: 15.466 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:138 Resp: 305995

Ion	Ratio	Lower	Upper
138	100		
92	50.7	29.1	69.1
108	85.9	61.5	101.5

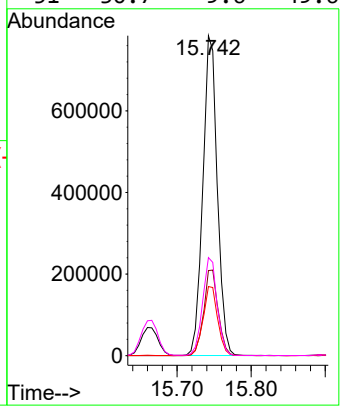




#63
Azobenzene
Concen: 41.564 ng
RT: 15.742 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion: 77 Resp: 106133

Ion	Ratio	Lower	Upper
77	100		
182	26.6	7.5	47.5
105	21.6	2.1	42.1
51	30.7	9.6	49.6



Instrument :
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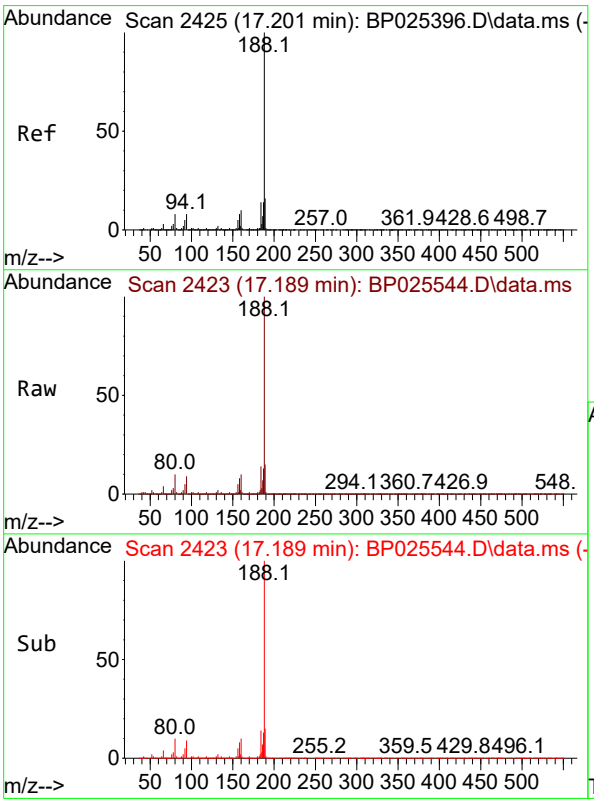
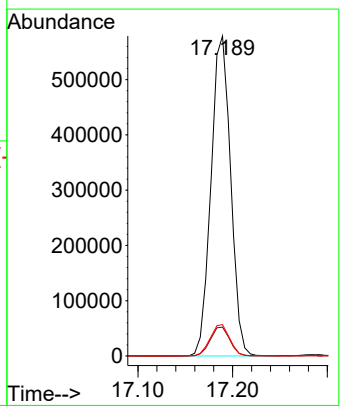
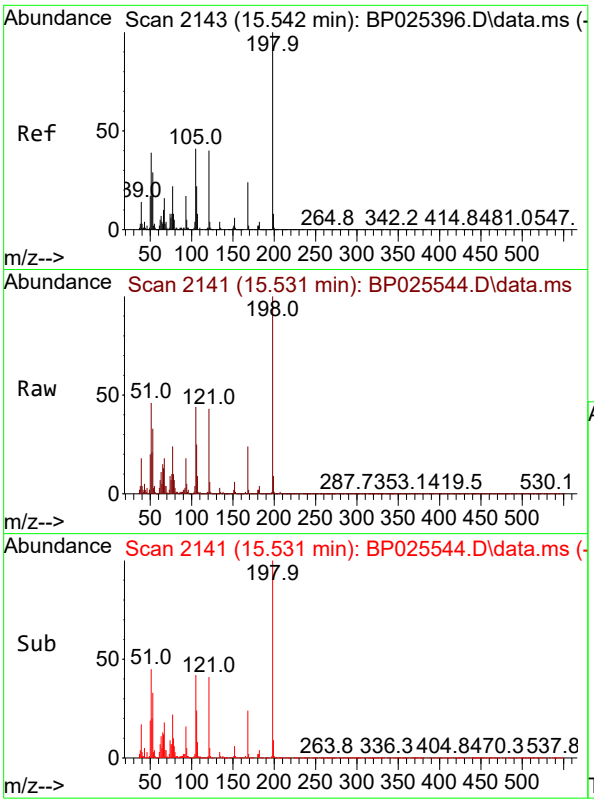


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:188 Resp: 833863

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.6	10.0
80	9.8	6.7	10.1

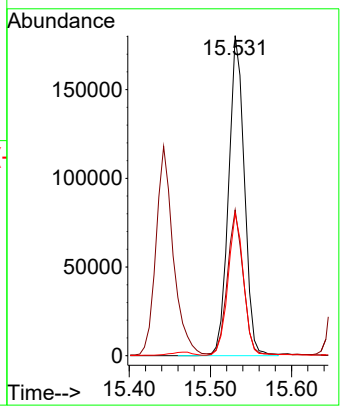




#65
4,6-Dinitro-2-methylphenol
Concen: 46.762 ng
RT: 15.531 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:198 Resp: 24306

Ion	Ratio	Lower	Upper
198	100		
51	45.5	19.6	59.6
105	44.5	20.9	60.9



Instrument :
BNA_P
ClientSampleId :
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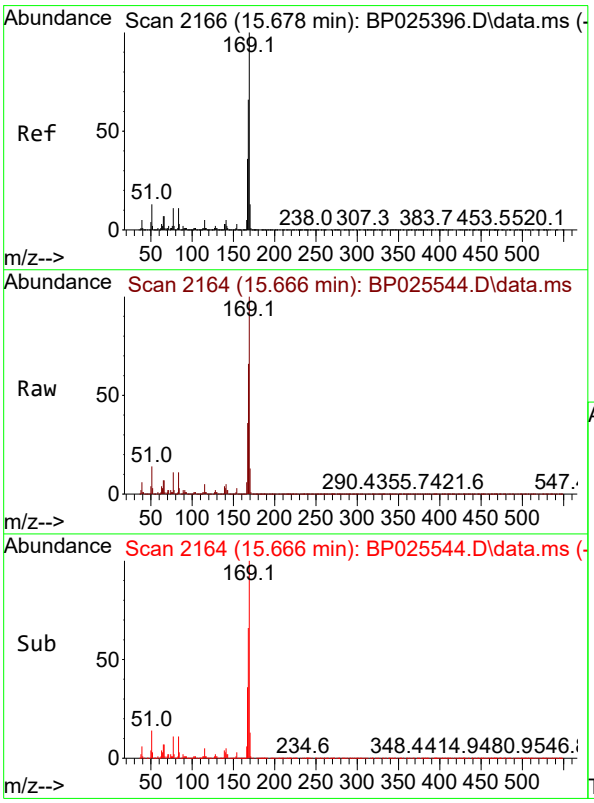
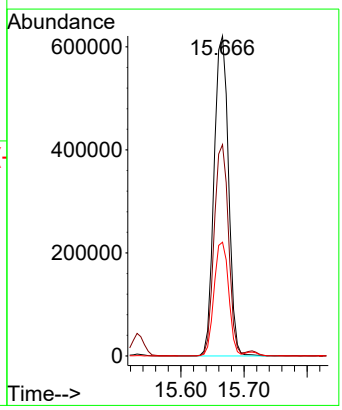
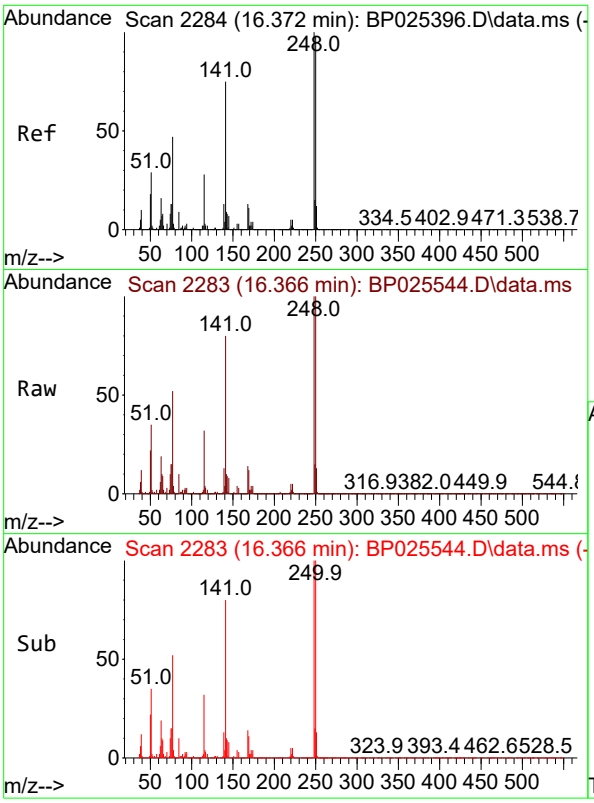


#66
n-Nitrosodiphenylamine
Concen: 38.676 ng
RT: 15.666 min Scan# 2164
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:169 Resp: 983453

Ion	Ratio	Lower	Upper
169	100		
168	66.0	53.2	79.8
167	35.5	28.7	43.1

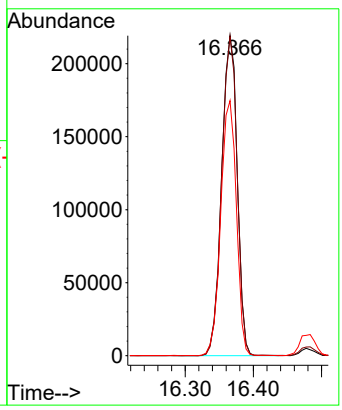




#67
4-Bromophenyl-phenylether
Concen: 38.093 ng
RT: 16.366 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:248 Resp: 34935

Ion	Ratio	Lower	Upper
248	100		
250	99.7	78.2	117.2
141	79.7	59.6	89.4



Instrument :
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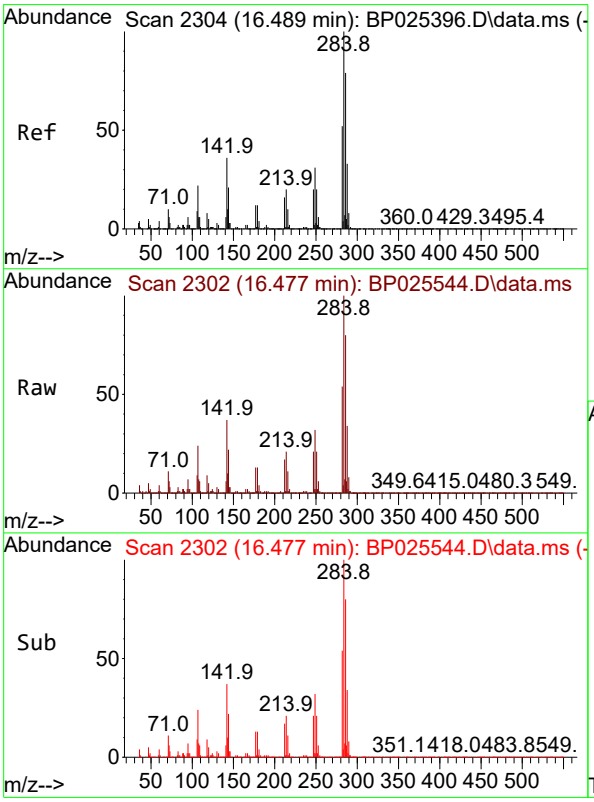
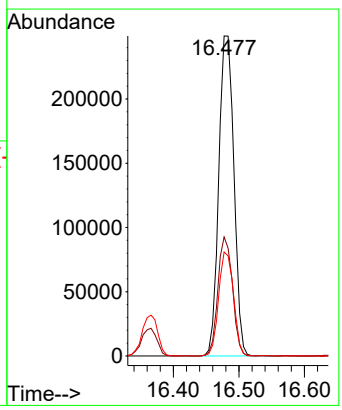
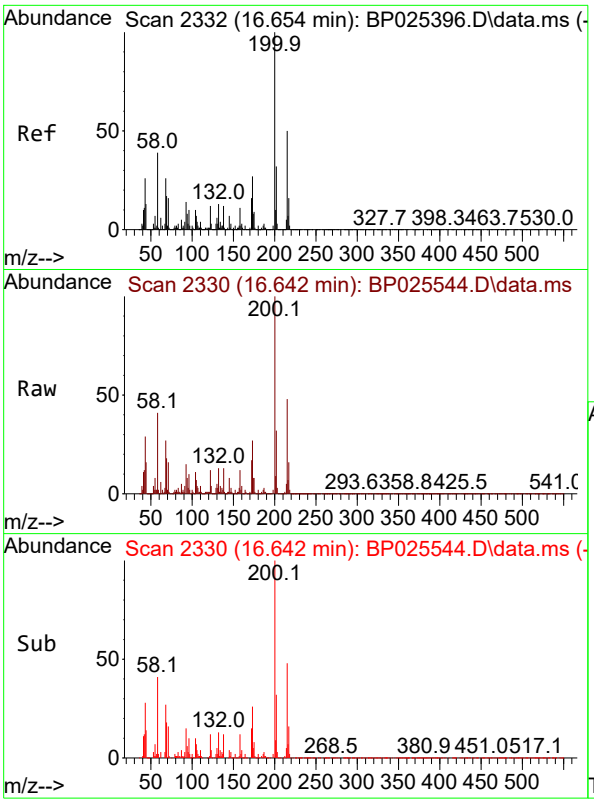


#68
Hexachlorobenzene
Concen: 37.412 ng
RT: 16.477 min Scan# 2302
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:284 Resp: 397731

Ion	Ratio	Lower	Upper
284	100		
142	37.2	29.1	43.7
249	32.5	25.0	37.4

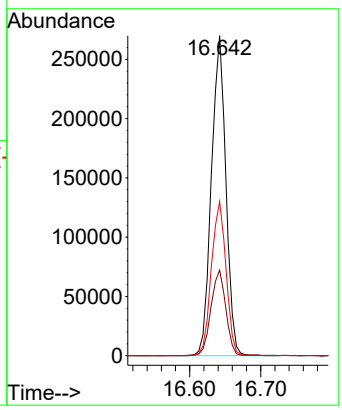




#69
Atrazine
Concen: 40.001 ng
RT: 16.642 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:200 Resp: 38091

Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.7	46.7
215	48.2	29.7	69.7



Instrument :
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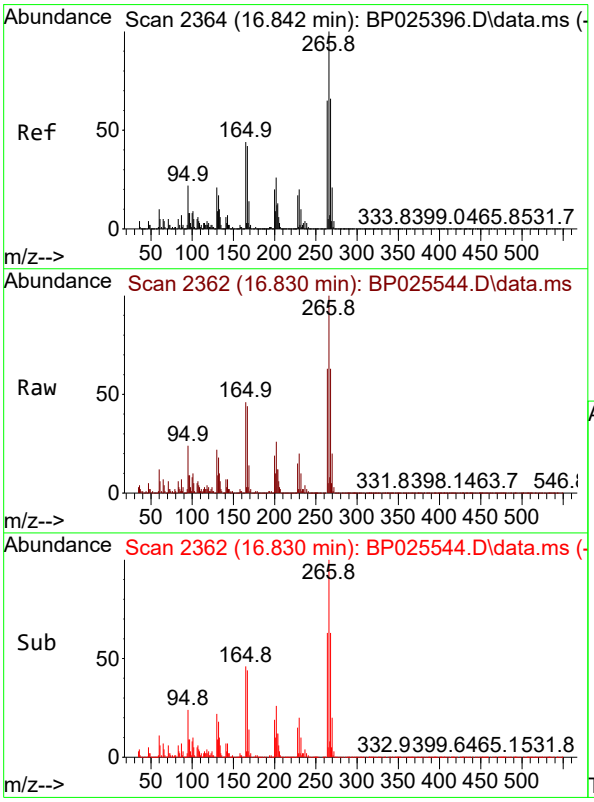
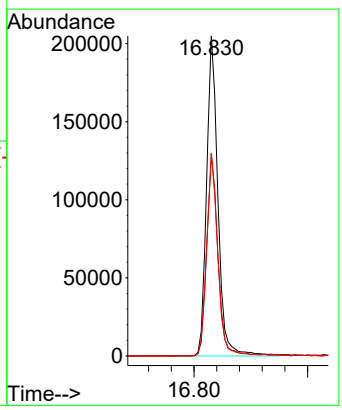
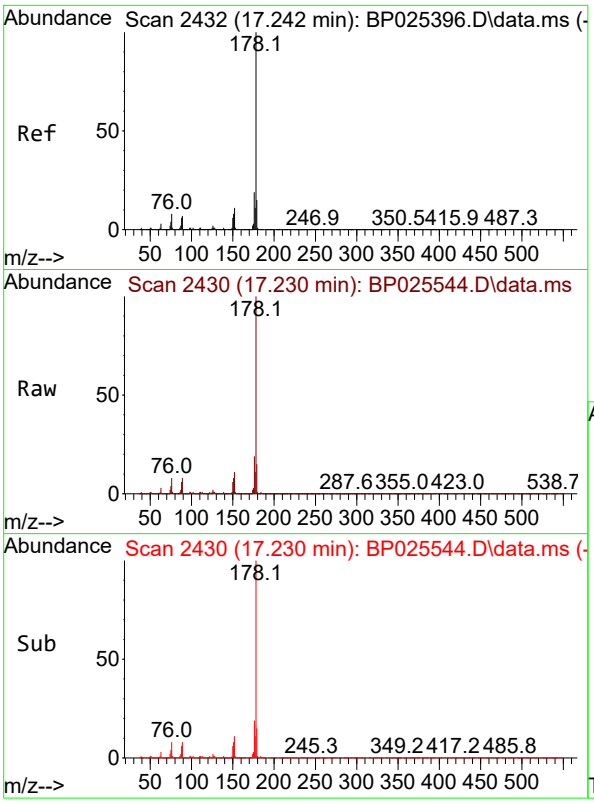


#70
Pentachlorophenol
Concen: 41.994 ng
RT: 16.830 min Scan# 2362
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:266 Resp: 281816

Ion	Ratio	Lower	Upper
266	100		
268	62.9	52.6	79.0
264	63.4	52.0	78.0





#71
Phenanthrene
Concen: 38.537 ng
RT: 17.230 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:178 Resp: 176527

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.3	12.2	18.4

Instrument :
BNA_P
ClientSampleId :
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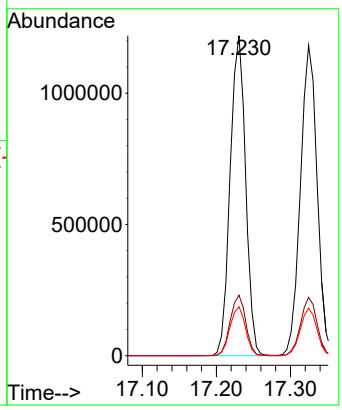

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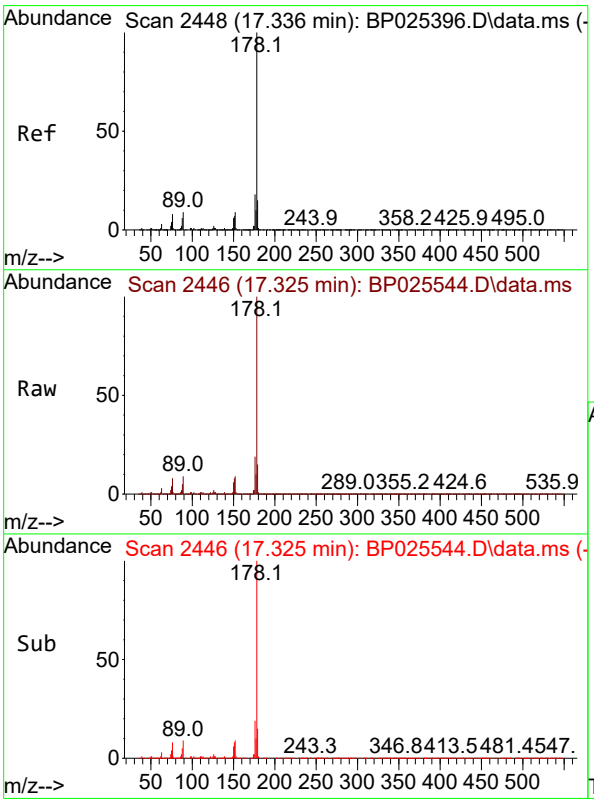
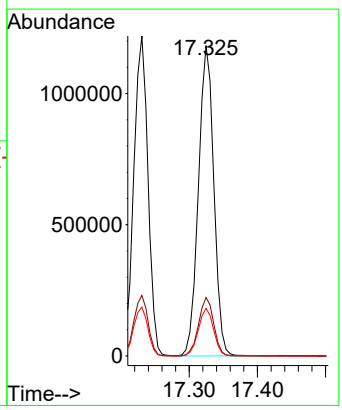
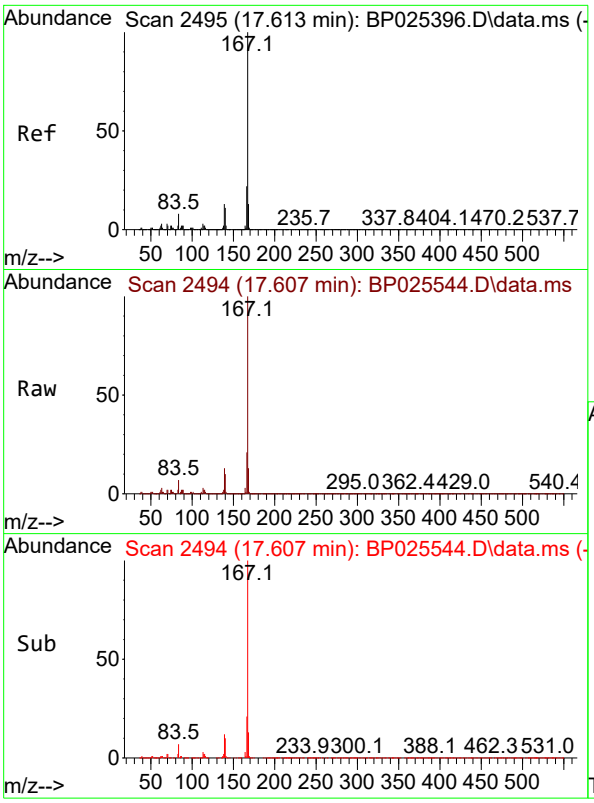


#72
Anthracene
Concen: 39.676 ng
RT: 17.325 min Scan# 2446
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:178 Resp: 1855981

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.7	22.1
179	15.3	12.2	18.2

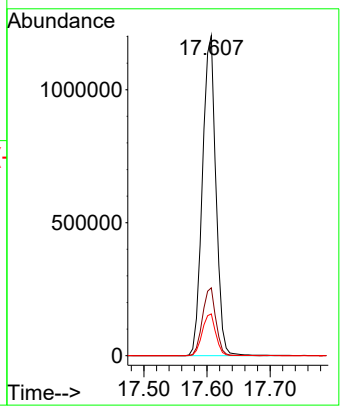




#73
Carbazole
Concen: 40.278 ng
RT: 17.607 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:167 Resp: 177469

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.5	26.3
139	13.1	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
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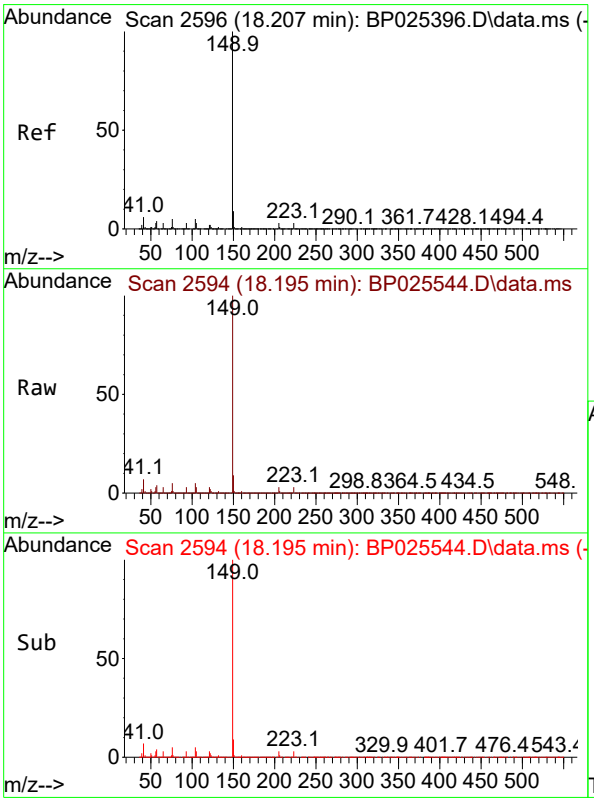
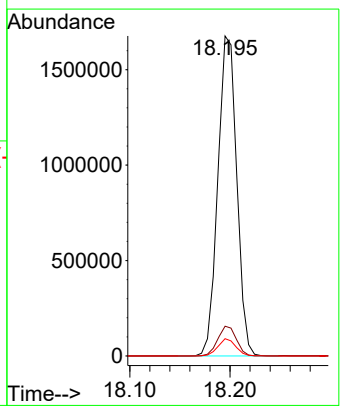
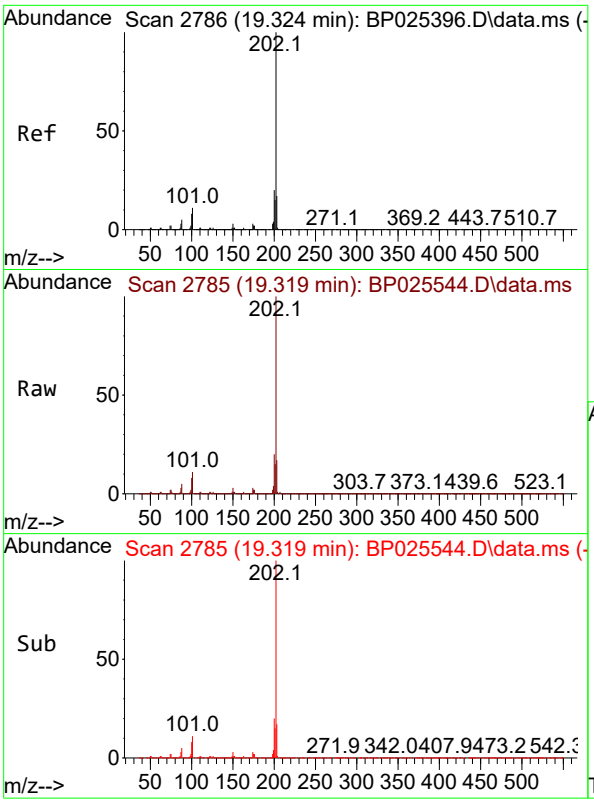


#74
Di-n-butylphthalate
Concen: 40.423 ng
RT: 18.195 min Scan# 2594
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:149 Resp: 2191310

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.4	4.2	6.2

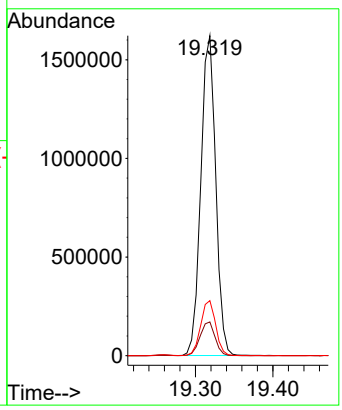




#75
Fluoranthene
Concen: 39.558 ng
RT: 19.319 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:202 Resp: 216145

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.1
203	17.2	0.0	37.3



Instrument :
BNA_P
ClientSampleId :
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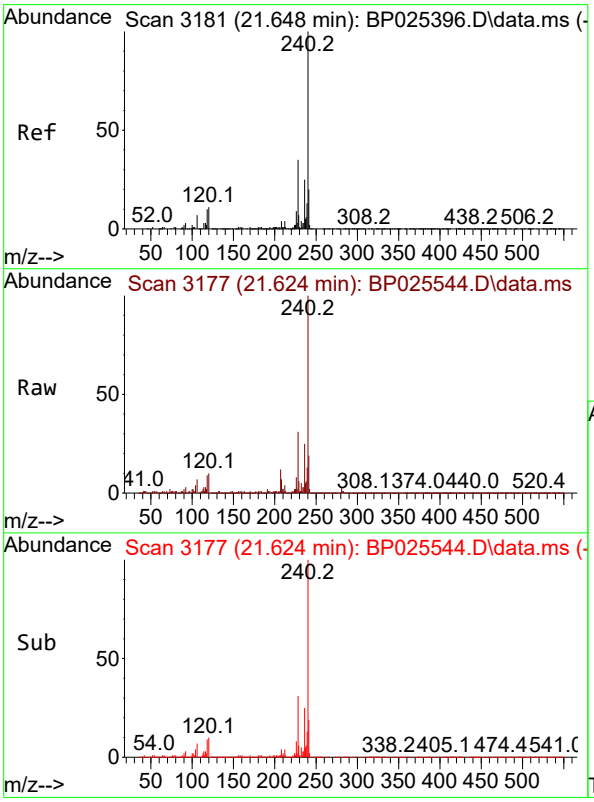
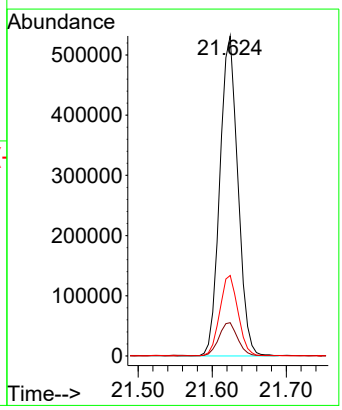
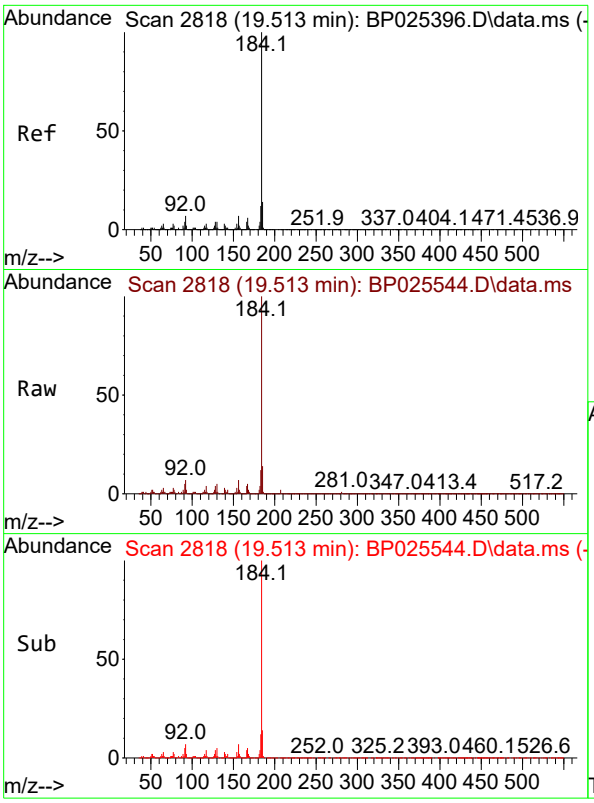


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 3177
Delta R.T. -0.024 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:240 Resp: 897419

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.9	13.3
236	25.1	19.8	29.8

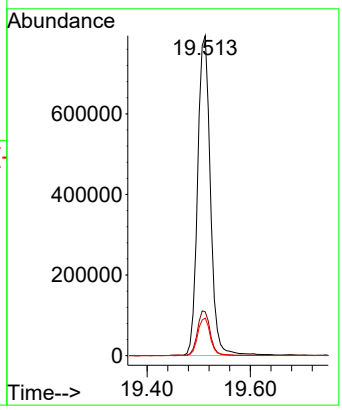




#77
Benzidine
Concen: 44.453 ng
RT: 19.513 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:184 Resp: 136147

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.5	17.3
183	11.7	9.4	14.2



Instrument :
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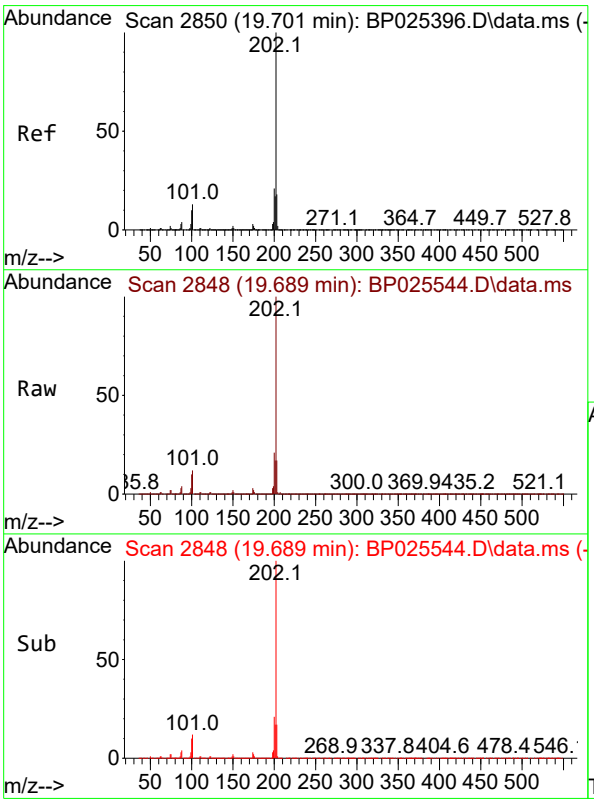
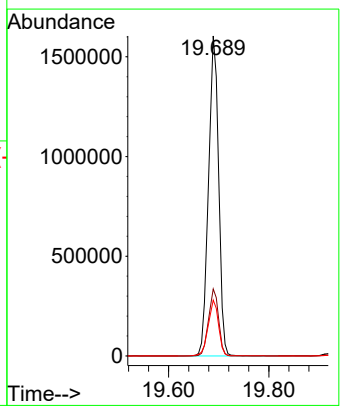
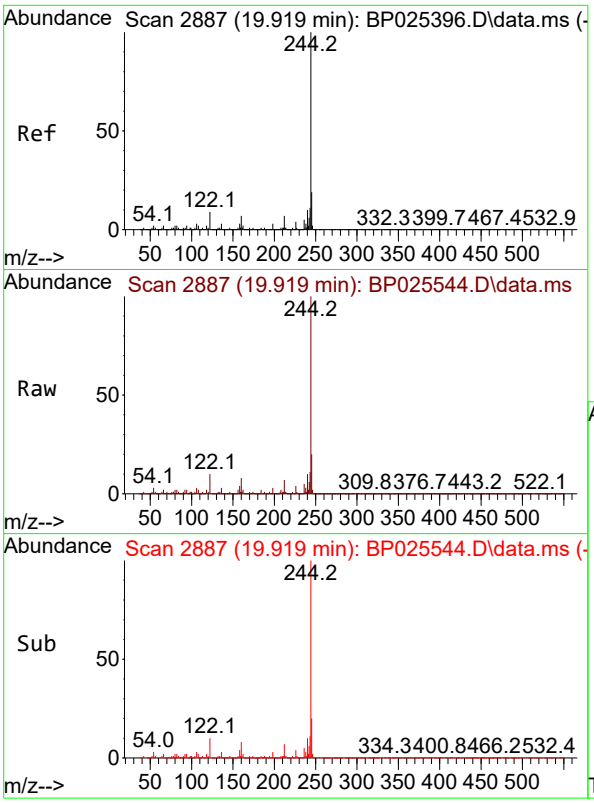


#78
Pyrene
Concen: 38.605 ng
RT: 19.689 min Scan# 2848
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:202 Resp: 2251793

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.4	14.2	21.2

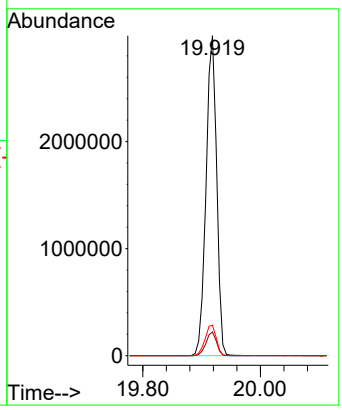




#79
Terphenyl-d14
Concen: 76.157 ng
RT: 19.919 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:244 Resp: 373553

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	9.5	7.4	11.2



Instrument :
BNA_P
ClientSampleId :
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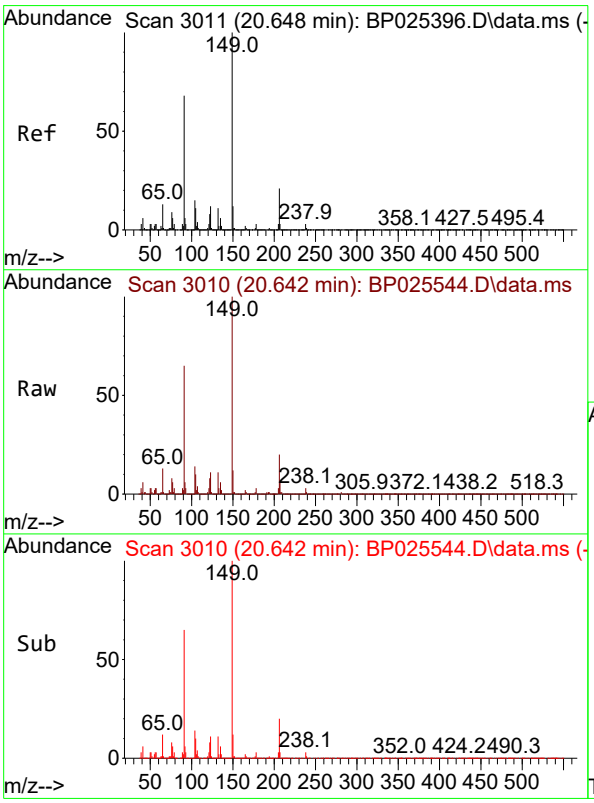
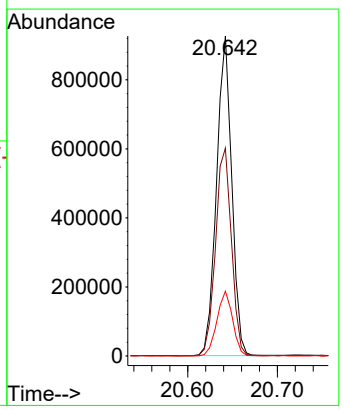
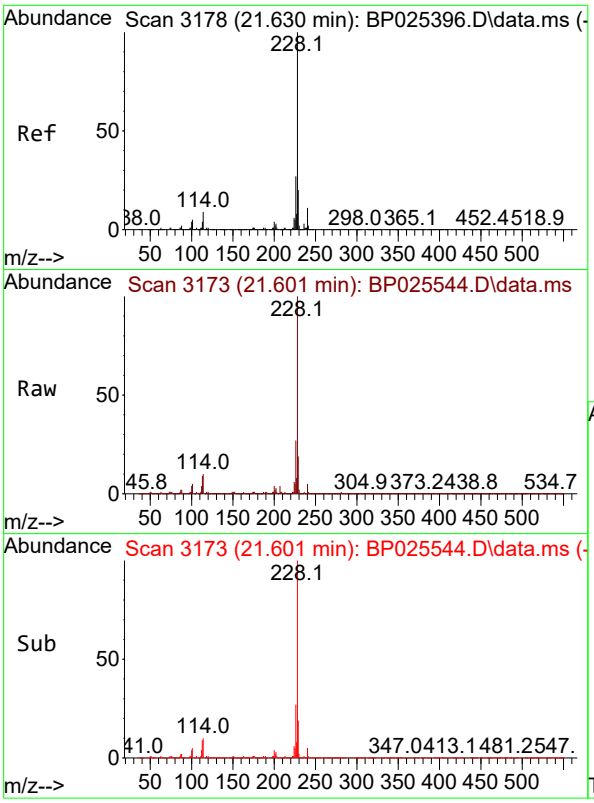


#80
Butylbenzylphthalate
Concen: 41.220 ng
RT: 20.642 min Scan# 3010
Delta R.T. -0.006 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:149 Resp: 1089684

Ion	Ratio	Lower	Upper
149	100		
91	65.0	54.2	81.2
206	20.2	16.6	24.8

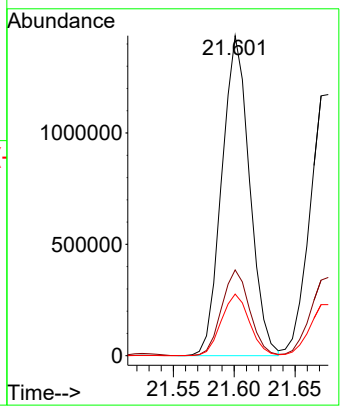




#81
Benzo(a)anthracene
Concen: 38.592 ng
RT: 21.601 min Scan# 3
Delta R.T. -0.029 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:228 Resp: 228404

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.7	32.5
229	19.2	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
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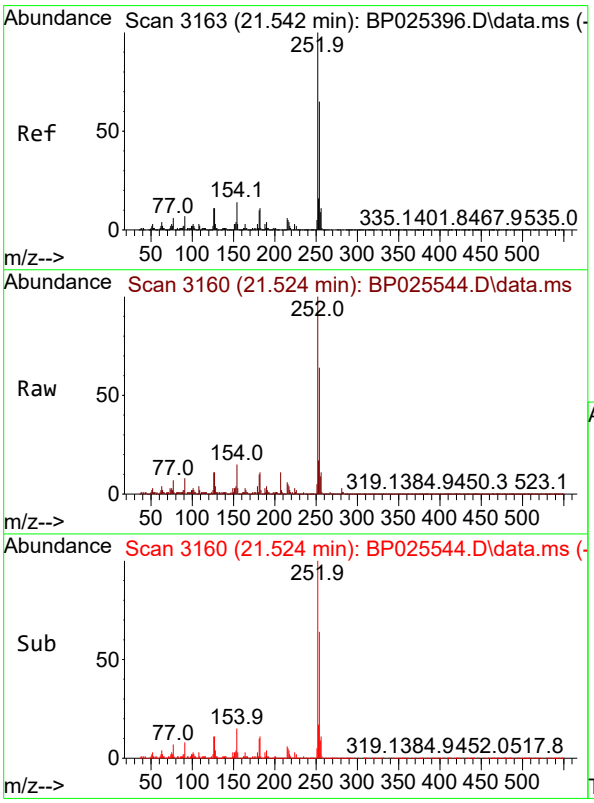
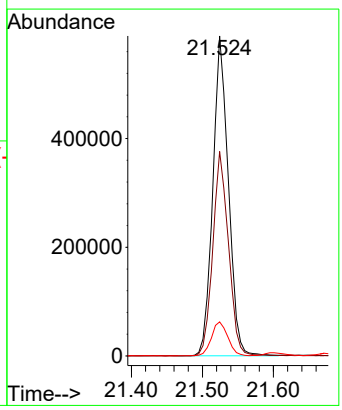
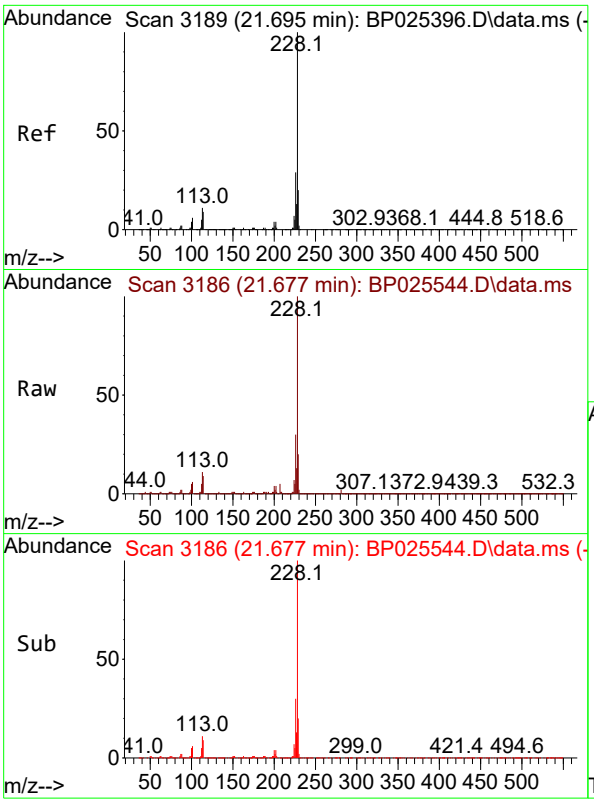


#82
3,3'-Dichlorobenzidine
Concen: 40.001 ng
RT: 21.524 min Scan# 3160
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:252 Resp: 892356

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.8	77.6
126	10.7	9.1	13.7

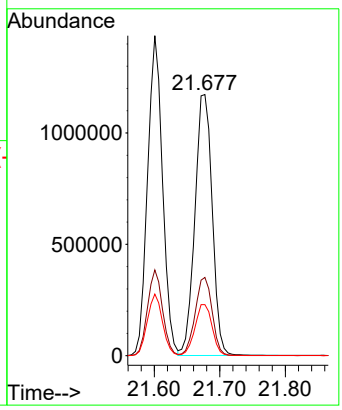




#83
Chrysene
Concen: 38.902 ng
RT: 21.677 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:228 Resp: 215618

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.2	34.8
229	19.5	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
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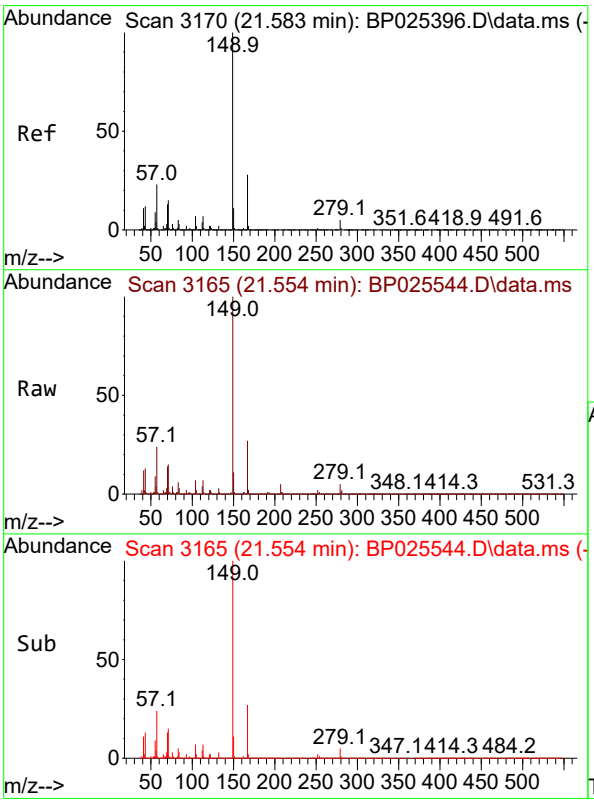
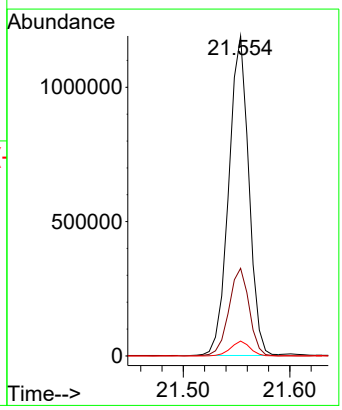
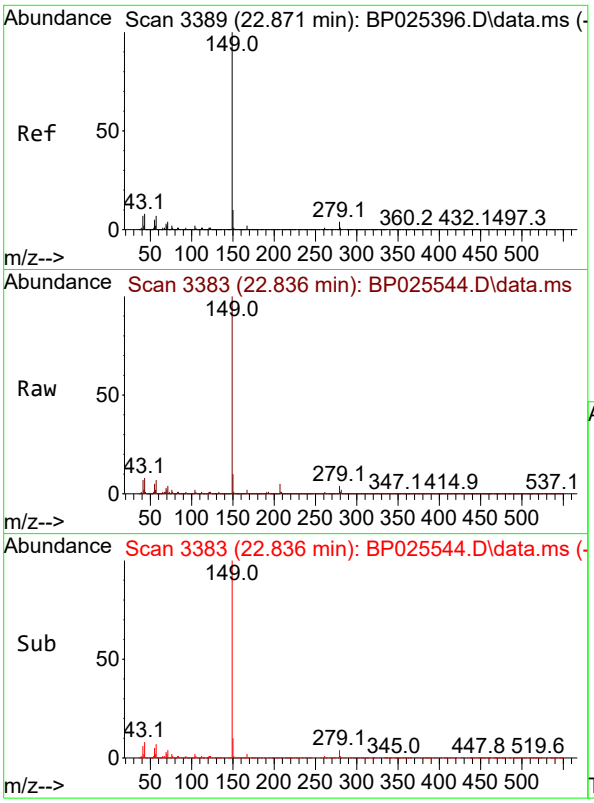


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.923 ng
RT: 21.554 min Scan# 3165
Delta R.T. -0.029 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:149 Resp: 1553607

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.1	33.1
279	4.7	3.8	5.6

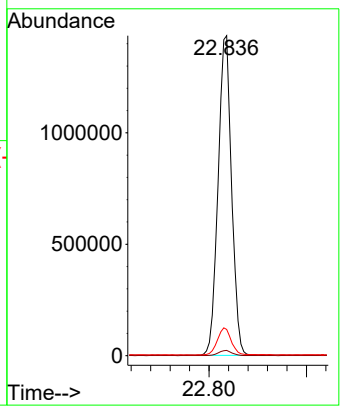




#85
Di-n-octyl phthalate
Concen: 41.326 ng
RT: 22.836 min Scan# 3
Delta R.T. -0.035 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:149 Resp: 276611

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.7	6.3	9.5



Instrument :
BNA_P
ClientSampleId :
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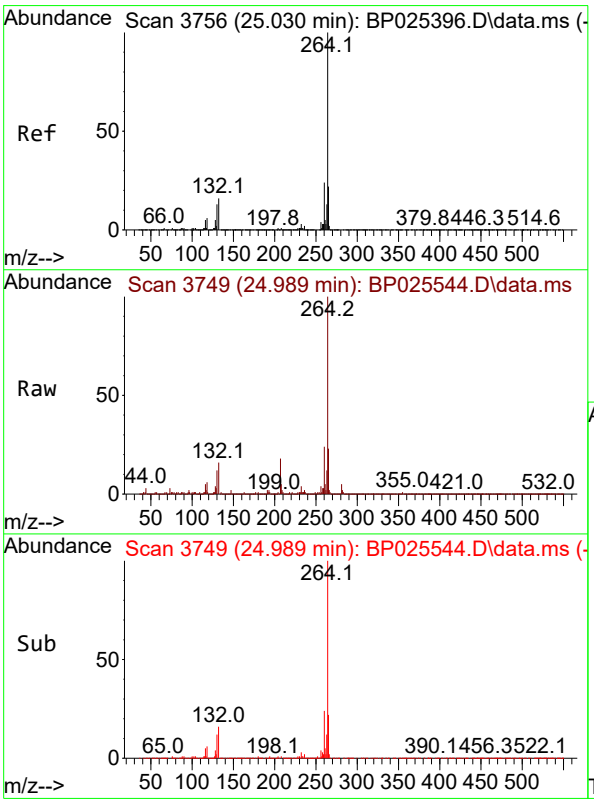
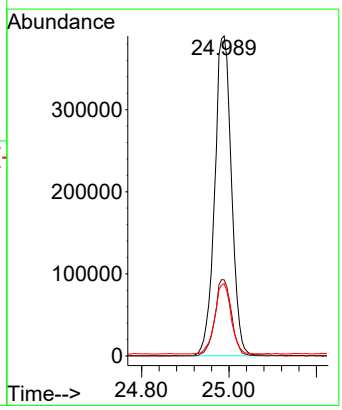
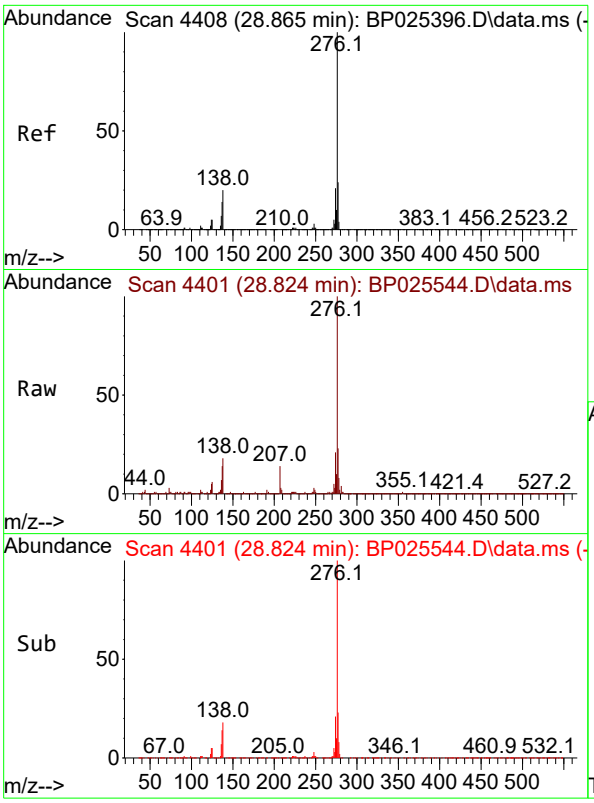


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.989 min Scan# 3749
Delta R.T. -0.041 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:264 Resp: 1034534

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	22.6	17.4	26.0

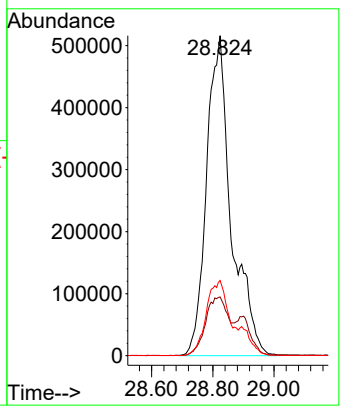




#87
Indeno(1,2,3-cd)pyrene
Concen: 38.231 ng m
RT: 28.824 min Scan# 4
Delta R.T. -0.041 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:276 Resp: 290056

Ion	Ratio	Lower	Upper
276	100		
138	17.4	12.9	19.3
277	21.4	17.0	25.6



Instrument :
BNA_P
ClientSampleId :
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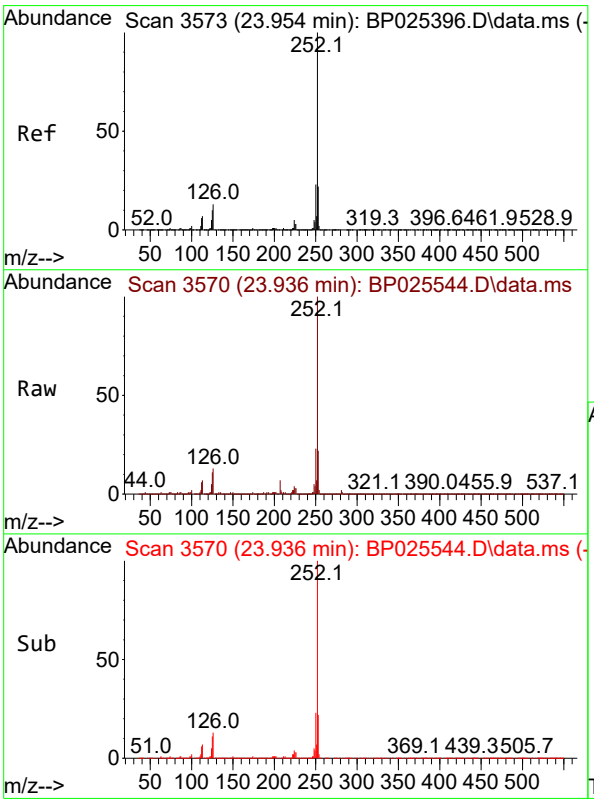
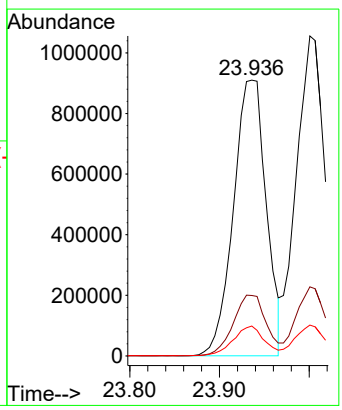
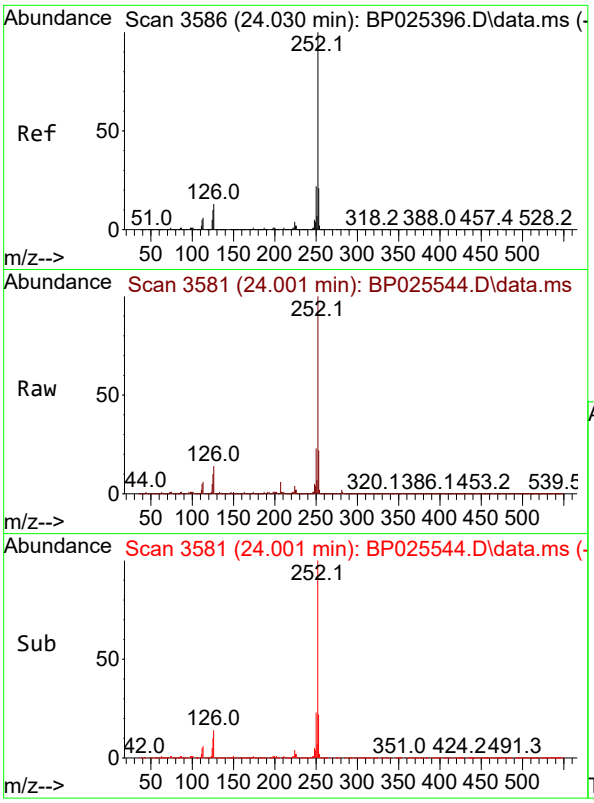


#88
Benzo(b)fluoranthene
Concen: 37.804 ng
RT: 23.936 min Scan# 3570
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:252 Resp: 2306180

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	10.9	7.9	11.9

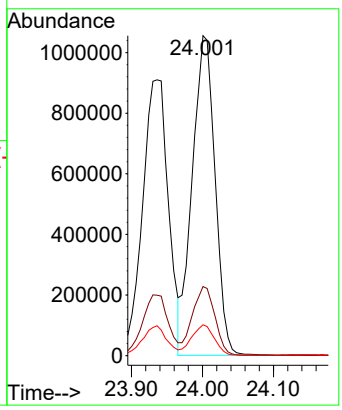




#89
Benzo(k)fluoranthene
Concen: 38.610 ng
RT: 24.001 min Scan# 3
Delta R.T. -0.029 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:252 Resp: 235696

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	9.7	7.8	11.6



Instrument :
BNA_P
ClientSampleId :
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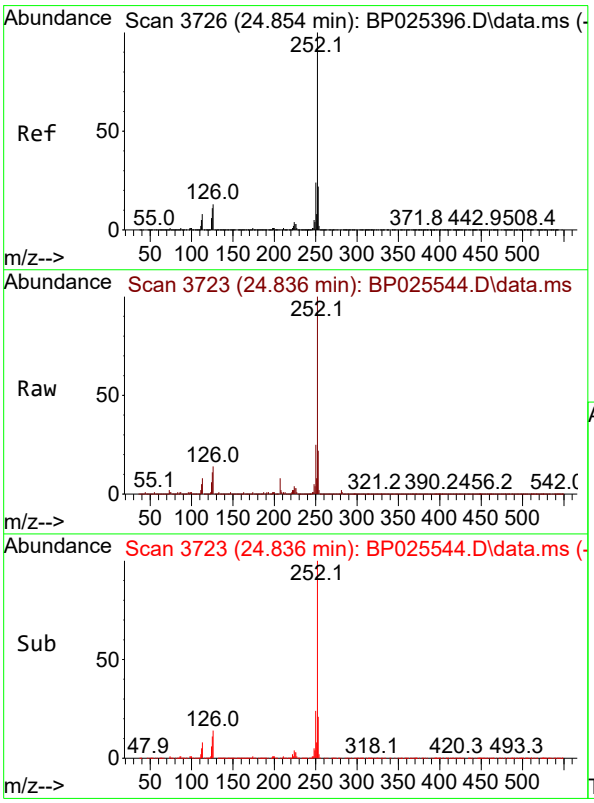
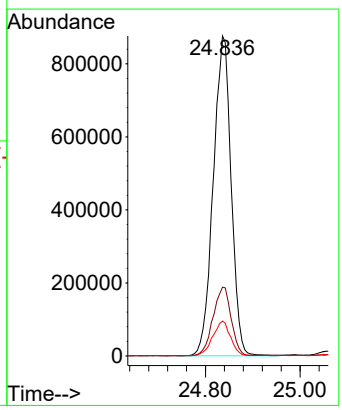
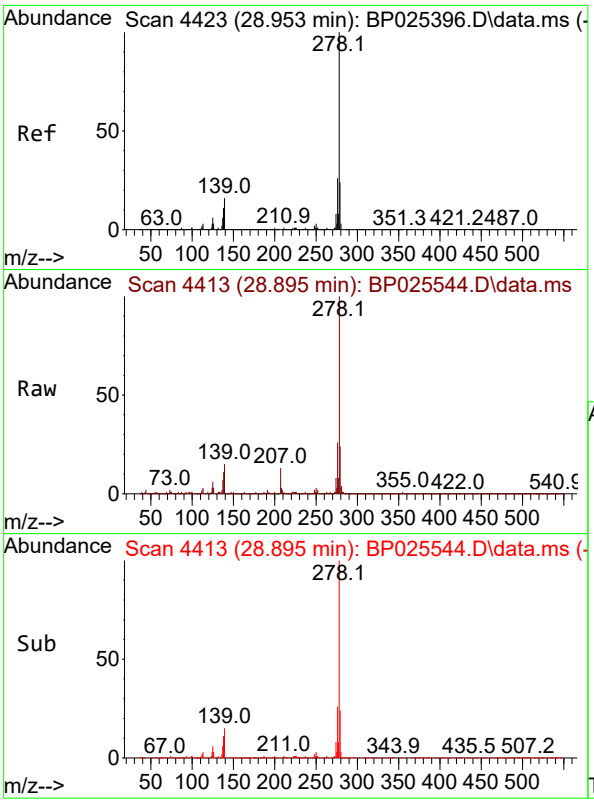


#90
Benzo(a)pyrene
Concen: 38.568 ng
RT: 24.836 min Scan# 3723
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:252 Resp: 2290273

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	10.9	8.7	13.1

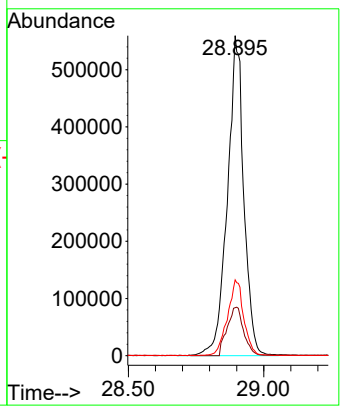




#91
Dibenzo(a,h)anthracene
Concen: 37.987 ng
RT: 28.895 min Scan# 44
Delta R.T. -0.059 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:278 Resp: 235517

Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.0	19.4
279	23.7	19.4	29.2



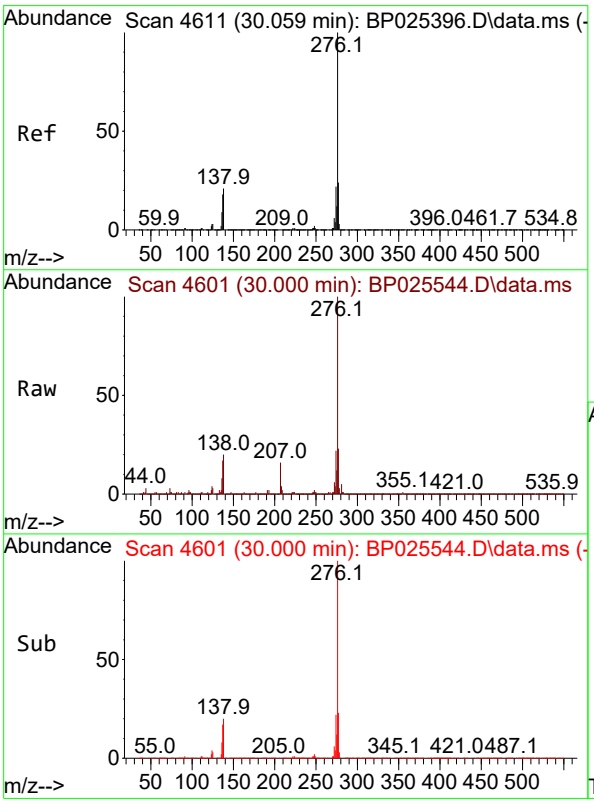
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

08/25/2025
Supervised By :Jagrut Upadhyay

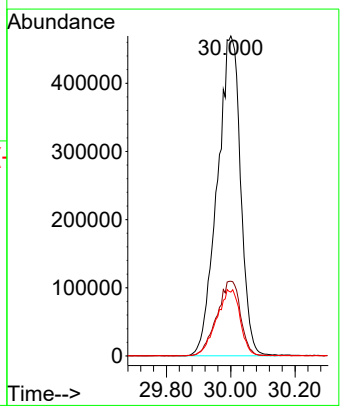
08/25/2025



#92
Benzo(g,h,i)perylene
Concen: 38.743 ng
RT: 30.000 min Scan# 4601
Delta R.T. -0.059 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:276 Resp: 2361222

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.4	29.0
138	20.0	16.7	25.1



Sample Results: **BP025544.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025544.D
Acq On : 22 Aug 2025 10:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 22 15:31:53 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	87	-0.02
2		1,4-Dioxane	0.472	0.461	2.3	90	-0.01
3		Pyridine	1.291	1.285	0.5	92	-0.01
4		n-Nitrosodimethylamine	0.532	0.571	-7.3	97	-0.01
5	S	2-Fluorophenol	1.204	1.201	0.2	90	-0.01
6		Aniline	2.080	2.131	-2.5	92	-0.01
7	S	Phenol-d6	1.544	1.586	-2.7	91	0.00
8		2-Chlorophenol	1.359	1.376	-1.3	91	-0.01
9		Benzaldehyde	1.082	1.377	-27.3#	88	-0.01
10	C	Phenol	1.620	1.656	-2.2	91	0.00
11		bis(2-Chloroethyl)ether	1.263	1.266	-0.2	90	-0.01
12		1,3-Dichlorobenzene	1.499	1.471	1.9	89	-0.01
13	C	1,4-Dichlorobenzene	1.532	1.490	2.7	88	-0.02
14		1,2-Dichlorobenzene	1.483	1.440	2.9	88	-0.01
15		Benzyl Alcohol	1.227	1.277	-4.1	93	-0.01
16		2,2'-oxybis(1-Chloropropane	1.692	1.738	-2.7	93	-0.02
17		2-Methylphenol	1.125	1.147	-2.0	90	0.00
18		Hexachloroethane	0.563	0.554	1.6	88	-0.02
19	P	n-Nitroso-di-n-propylamine	1.023	1.030	-0.7	90	-0.02
20		3+4-Methylphenols	1.560	1.584	-1.5	90	-0.01
21	I	Naphthalene-d8	1.000	1.000	0.0	89	-0.01
22		Acetophenone	0.502	0.494	1.6	91	-0.01
23	S	Nitrobenzene-d5	0.395	0.396	-0.3	92	-0.02
24		Nitrobenzene	0.353	0.357	-1.1	93	-0.01
25		Isophorone	0.700	0.697	0.4	92	-0.02
26	C	2-Nitrophenol	0.181	0.184	-1.7	91	-0.01
27		2,4-Dimethylphenol	0.312	0.307	1.6	89	-0.01
28		bis(2-Chloroethoxy)methane	0.423	0.416	1.7	91	-0.02
29	C	2,4-Dichlorophenol	0.310	0.307	1.0	90	-0.01
30		1,2,4-Trichlorobenzene	0.340	0.319	6.2	87	-0.01
31		Naphthalene	1.040	1.006	3.3	90	-0.02
32		Benzoic acid	0.230	0.243	-5.7	96	0.00
33		4-Chloroaniline	0.459	0.460	-0.2	91	-0.01
34	C	Hexachlorobutadiene	0.211	0.200	5.2	87	-0.02
35		Caprolactam	0.114	0.124	-8.8	101	-0.01
36	C	4-Chloro-3-methylphenol	0.355	0.364	-2.5	94	-0.01
37		2-Methylnaphthalene	0.676	0.652	3.6	89	-0.02
38		1-Methylnaphthalene	0.719	0.688	4.3	90	-0.01
39	I	Acenaphthene-d10	1.000	1.000	0.0	91	-0.02
40		1,2,4,5-Tetrachlorobenzene	0.578	0.548	5.2	89	-0.02
41	P	Hexachlorocyclopentadiene	0.349	0.397	-13.8	104	-0.02
42	S	2,4,6-Tribromophenol	0.269	0.273	-1.5	94	-0.01
43	C	2,4,6-Trichlorophenol	0.390	0.387	0.8	92	-0.01
44		2,4,5-Trichlorophenol	0.427	0.430	-0.7	92	0.00
45	S	2-Fluorobiphenyl	1.463	1.364	6.8	89	-0.01
46		1,1'-Biphenyl	1.453	1.392	4.2	90	-0.02
47		2-Chloronaphthalene	1.131	1.080	4.5	89	-0.02

Sample Results: **BP025544.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025544.D
Acq On : 22 Aug 2025 10:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 22 15:31:53 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	0.351	-6.7	97	-0.02
49		Acenaphthylene	1.871	1.834	2.0	92	-0.02
50		Dimethylphthalate	1.465	1.455	0.7	94	-0.02
51		2,6-Dinitrotoluene	0.309	0.324	-4.9	95	-0.01
52	C	Acenaphthene	1.098	1.042	5.1	91	-0.01
53		3-Nitroaniline	0.347	0.370	-6.6	98	-0.01
54	P	2,4-Dinitrophenol	0.165	0.228	-38.2#	127	-0.01
55		Dibenzofuran	1.736	1.669	3.9	90	-0.01
56	P	4-Nitrophenol	0.285	0.311	-9.1	101	0.00
57		2,4-Dinitrotoluene	0.440	0.471	-7.0	98	-0.01
58		Fluorene	1.370	1.350	1.5	94	-0.01
59		2,3,4,6-Tetrachlorophenol	0.377	0.381	-1.1	94	0.00
60		Diethylphthalate	1.488	1.520	-2.2	96	-0.02
61		4-Chlorophenyl-phenylether	0.681	0.653	4.1	91	-0.02
62		4-Nitroaniline	0.356	0.382	-7.3	99	-0.01
63		Azobenzene	1.274	1.324	-3.9	97	-0.01
64	I	Phenanthrene-d10	1.000	1.000	0.0	94	-0.01
65		4,6-Dinitro-2-methylphenol	0.125	0.146	-16.8	112	-0.01
66	c	n-Nitrosodiphenylamine	0.610	0.590	3.3	94	-0.01
67		4-Bromophenyl-phenylether	0.220	0.209	5.0	93	0.00
68		Hexachlorobenzene	0.255	0.238	6.7	93	-0.01
69		Atrazine	0.228	0.228	0.0	99	-0.01
70	C	Pentachlorophenol	0.161	0.169	-5.0	101	-0.01
71		Phenanthrene	1.099	1.058	3.7	96	-0.01
72		Anthracene	1.122	1.113	0.8	97	-0.01
73		Carbazole	1.057	1.064	-0.7	100	0.00
74		Di-n-butylphthalate	1.300	1.314	-1.1	100	-0.01
75	C	Fluoranthene	1.311	1.296	1.1	99	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	100	-0.02
77		Benzidine	0.683	0.759	-11.1	78	0.00
78		Pyrene	1.300	1.255	3.5	98	-0.01
79	S	Terphenyl-d14	1.093	1.041	4.8	99	0.00
80		Butylbenzylphthalate	0.589	0.607	-3.1	105	0.00
81		Benzo(a)anthracene	1.319	1.273	3.5	100	-0.03
82		3,3'-Dichlorobenzidine	0.497	0.497	0.0	102	-0.02
83		Chrysene	1.235	1.201	2.8	101	-0.02
84		Bis(2-ethylhexyl)phthalate	0.867	0.866	0.1	104	-0.03
85	c	Di-n-octyl phthalate	1.492	1.541	-3.3	106	-0.04
86	I	Perylene-d12	1.000	1.000	0.0	101	-0.04
87		Indeno(1,2,3-cd)pyrene	1.467	1.402	4.4	101	-0.04
88		Benzo(b)fluoranthene	1.179	1.115	5.4	99	-0.02
89		Benzo(k)fluoranthene	1.180	1.139	3.5	102	-0.03
90	C	Benzo(a)pyrene	1.148	1.107	3.6	101	-0.02
91		Dibenzo(a,h)anthracene	1.199	1.138	5.1	100	-0.06
92		Benzo(g,h,i)perylene	1.178	1.141	3.1	101	-0.06

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025544.D
Acq On : 22 Aug 2025 10:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 22 15:31:53 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: **BP025544.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025544.D
Acq On : 22 Aug 2025 10:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 22 15:31:53 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	87	-0.02
2		1,4-Dioxane	40.000	39.123	2.2	90	-0.01
3		Pyridine	40.000	39.803	0.5	92	-0.01
4		n-Nitrosodimethylamine	40.000	42.925	-7.3	97	-0.01
5	S	2-Fluorophenol	80.000	79.778	0.3	90	-0.01
6		Aniline	40.000	40.982	-2.5	92	-0.01
7	S	Phenol-d6	80.000	82.181	-2.7	91	0.00
8		2-Chlorophenol	40.000	40.502	-1.3	91	-0.01
9		Benzaldehyde	40.000	50.920	-27.3#	88	-0.01
10	C	Phenol	40.000	40.896	-2.2	91	0.00
11		bis(2-Chloroethyl)ether	40.000	40.104	-0.3	90	-0.01
12		1,3-Dichlorobenzene	40.000	39.275	1.8	89	-0.01
13	C	1,4-Dichlorobenzene	40.000	38.913	2.7	88	-0.02
14		1,2-Dichlorobenzene	40.000	38.855	2.9	88	-0.01
15		Benzyl Alcohol	40.000	41.650	-4.1	93	-0.01
16		2,2'-oxybis(1-Chloropropane	40.000	41.106	-2.8	93	-0.02
17		2-Methylphenol	40.000	40.788	-2.0	90	0.00
18		Hexachloroethane	40.000	39.385	1.5	88	-0.02
19	P	n-Nitroso-di-n-propylamine	40.000	40.285	-0.7	90	-0.02
20		3+4-Methylphenols	40.000	40.633	-1.6	90	-0.01
21	I	Naphthalene-d8	20.000	20.000	0.0	89	-0.01
22		Acetophenone	40.000	39.371	1.6	91	-0.01
23	S	Nitrobenzene-d5	80.000	80.044	-0.1	92	-0.02
24		Nitrobenzene	40.000	40.465	-1.2	93	-0.01
25		Isophorone	40.000	39.849	0.4	92	-0.02
26	C	2-Nitrophenol	40.000	40.564	-1.4	91	-0.01
27		2,4-Dimethylphenol	40.000	39.326	1.7	89	-0.01
28		bis(2-Chloroethoxy)methane	40.000	39.349	1.6	91	-0.02
29	C	2,4-Dichlorophenol	40.000	39.589	1.0	90	-0.01
30		1,2,4-Trichlorobenzene	40.000	37.597	6.0	87	-0.01
31		Naphthalene	40.000	38.712	3.2	90	-0.02
32		Benzoic acid	40.000	42.238	-5.6	96	0.00
33		4-Chloroaniline	40.000	40.039	-0.1	91	-0.01
34	C	Hexachlorobutadiene	40.000	37.756	5.6	87	-0.02
35		Caprolactam	40.000	43.562	-8.9	101	-0.01
36	C	4-Chloro-3-methylphenol	40.000	40.964	-2.4	94	-0.01
37		2-Methylnaphthalene	40.000	38.576	3.6	89	-0.02
38		1-Methylnaphthalene	40.000	38.255	4.4	90	-0.01
39	I	Acenaphthene-d10	20.000	20.000	0.0	91	-0.02
40		1,2,4,5-Tetrachlorobenzene	40.000	37.916	5.2	89	-0.02
41	P	Hexachlorocyclopentadiene	40.000	45.555	-13.9	104	-0.02
42	S	2,4,6-Tribromophenol	80.000	81.081	-1.4	94	-0.01
43	C	2,4,6-Trichlorophenol	40.000	39.701	0.7	92	-0.01
44		2,4,5-Trichlorophenol	40.000	40.266	-0.7	92	0.00
45	S	2-Fluorobiphenyl	80.000	74.582	6.8	89	-0.01
46		1,1'-Biphenyl	40.000	38.335	4.2	90	-0.02
47		2-Chloronaphthalene	40.000	38.216	4.5	89	-0.02

Sample Results: **BP025544.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025544.D
Acq On : 22 Aug 2025 10:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 22 15:31:53 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	42.664	-6.7	97	-0.02
49		Acenaphthylene	40.000	39.203	2.0	92	-0.02
50		Dimethylphthalate	40.000	39.739	0.7	94	-0.02
51		2,6-Dinitrotoluene	40.000	41.932	-4.8	95	-0.01
52	C	Acenaphthene	40.000	37.949	5.1	91	-0.01
53		3-Nitroaniline	40.000	42.560	-6.4	98	-0.01
54	P	2,4-Dinitrophenol	40.000	55.404	-38.5#	127	-0.01
55		Dibenzofuran	40.000	38.443	3.9	90	-0.01
56	P	4-Nitrophenol	40.000	43.566	-8.9	101	0.00
57		2,4-Dinitrotoluene	40.000	42.783	-7.0	98	-0.01
58		Fluorene	40.000	39.409	1.5	94	-0.01
59		2,3,4,6-Tetrachlorophenol	40.000	40.427	-1.1	94	0.00
60		Diethylphthalate	40.000	40.853	-2.1	96	-0.02
61		4-Chlorophenyl-phenylether	40.000	38.356	4.1	91	-0.02
62		4-Nitroaniline	40.000	42.887	-7.2	99	-0.01
63		Azobenzene	40.000	41.564	-3.9	97	-0.01
64	I	Phenanthrene-d10	20.000	20.000	0.0	94	-0.01
65		4,6-Dinitro-2-methylphenol	40.000	46.762	-16.9	112	-0.01
66	c	n-Nitrosodiphenylamine	40.000	38.676	3.3	94	-0.01
67		4-Bromophenyl-phenylether	40.000	38.093	4.8	93	0.00
68		Hexachlorobenzene	40.000	37.412	6.5	93	-0.01
69		Atrazine	40.000	40.001	-0.0	99	-0.01
70	C	Pentachlorophenol	40.000	41.994	-5.0	101	-0.01
71		Phenanthrene	40.000	38.537	3.7	96	-0.01
72		Anthracene	40.000	39.676	0.8	97	-0.01
73		Carbazole	40.000	40.278	-0.7	100	0.00
74		Di-n-butylphthalate	40.000	40.423	-1.1	100	-0.01
75	C	Fluoranthene	40.000	39.558	1.1	99	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	100	-0.02
77		Benzidine	40.000	44.453	-11.1	78	0.00
78		Pyrene	40.000	38.605	3.5	98	-0.01
79	S	Terphenyl-d14	80.000	76.157	4.8	99	0.00
80		Butylbenzylphthalate	40.000	41.220	-3.0	105	0.00
81		Benzo(a)anthracene	40.000	38.592	3.5	100	-0.03
82		3,3'-Dichlorobenzidine	40.000	40.001	-0.0	102	-0.02
83		Chrysene	40.000	38.902	2.7	101	-0.02
84		Bis(2-ethylhexyl)phthalate	40.000	39.923	0.2	104	-0.03
85	c	Di-n-octyl phthalate	40.000	41.326	-3.3	106	-0.04
86	I	Perylene-d12	20.000	20.000	0.0	101	-0.04
87		Indeno(1,2,3-cd)pyrene	40.000	38.231	4.4	101	-0.04
88		Benzo(b)fluoranthene	40.000	37.804	5.5	99	-0.02
89		Benzo(k)fluoranthene	40.000	38.610	3.5	102	-0.03
90	C	Benzo(a)pyrene	40.000	38.568	3.6	101	-0.02
91		Dibenzo(a,h)anthracene	40.000	37.987	5.0	100	-0.06
92		Benzo(g,h,i)perylene	40.000	38.743	3.1	101	-0.06

Sample Results: **BP025544.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025544.D
Acq On : 22 Aug 2025 10:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 22 15:31:53 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

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: AECO02

Lab Code: ACE SDG No.: Q2924

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
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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	AECO02
Lab Code:	ACE	SDG No.:	Q2924
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

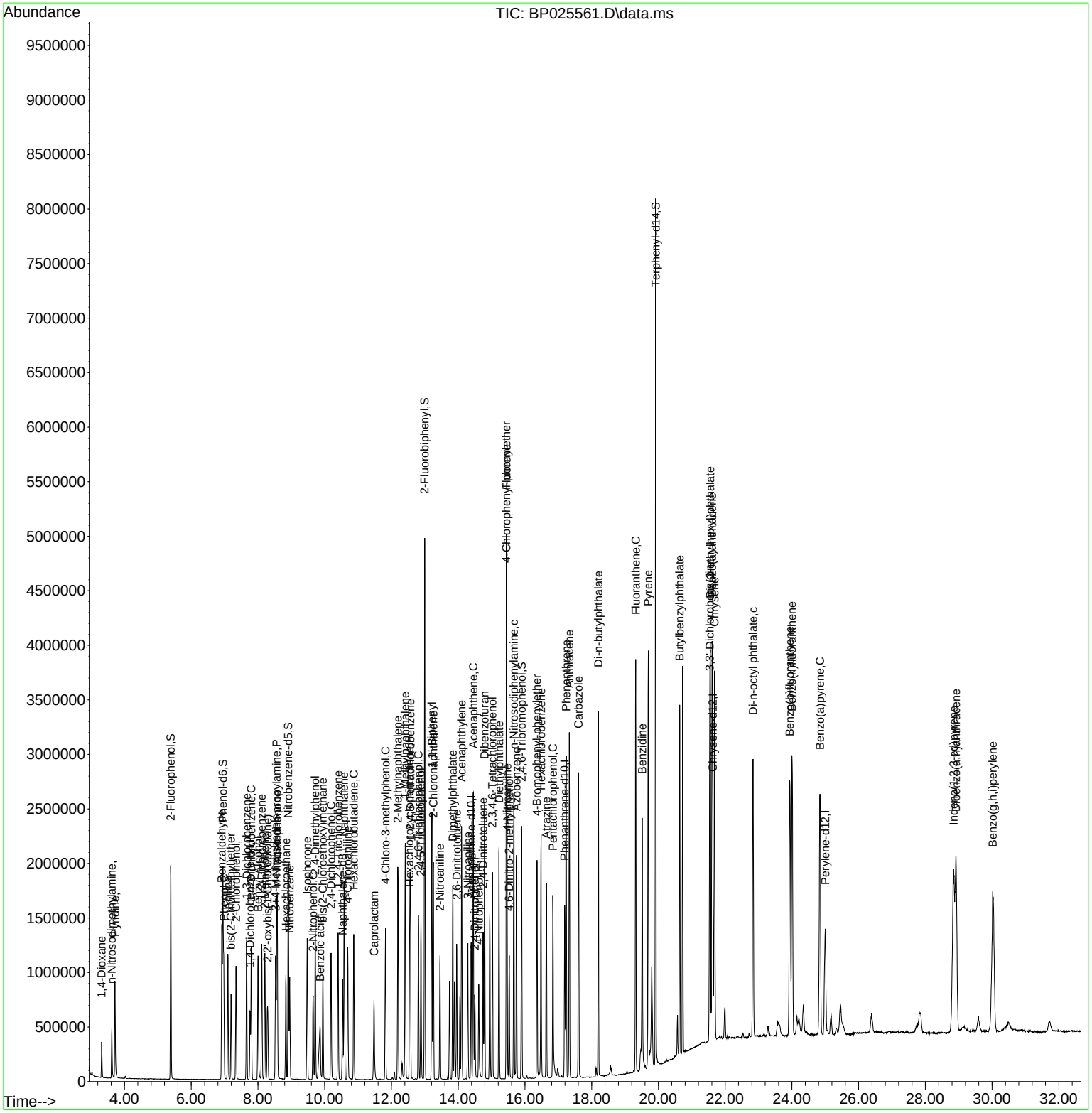
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.884	196	384419	40.714	ng		98
46) 1,1'-Biphenyl	13.213	154	1286448	40.089	ng		100
47) 2-Chloronaphthalene	13.254	162	1012747	40.540	ng		98
48) 2-Nitroaniline	13.454	65	310261	42.624	ng		97
49) Acenaphthylene	14.101	152	1654557	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

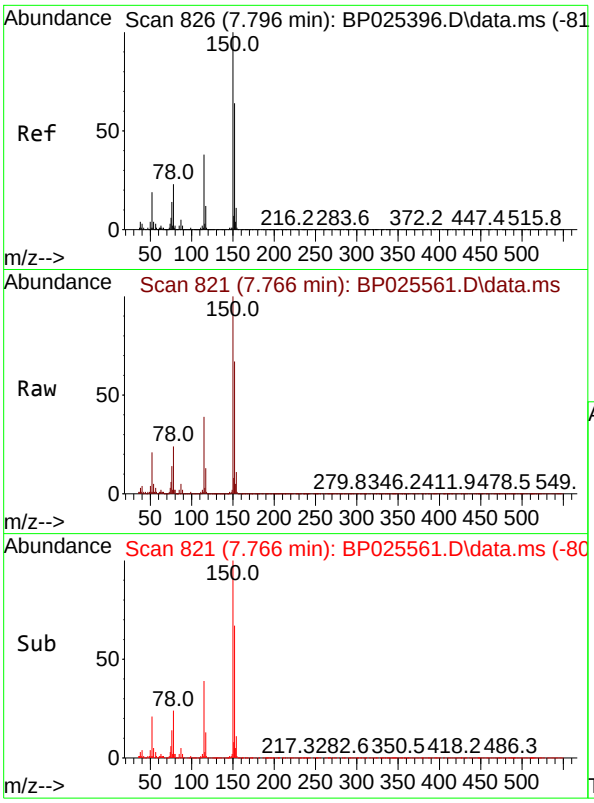
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



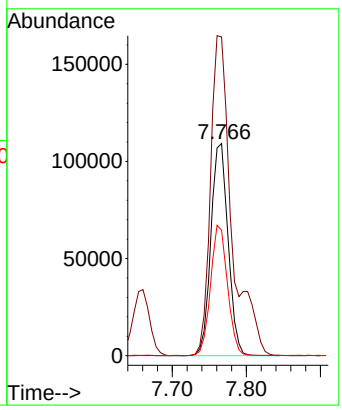


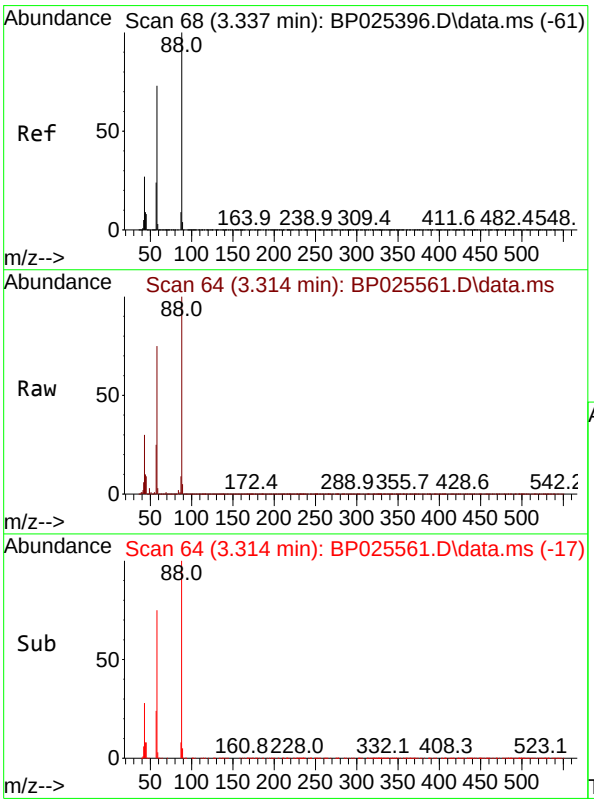
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.766 min Scan# 8
Delta R.T. -0.030 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

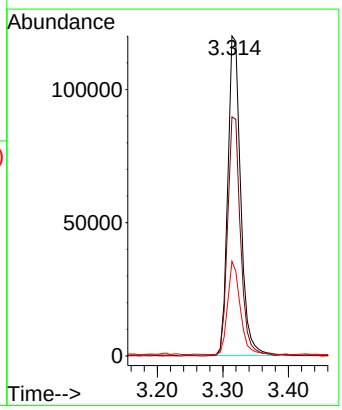


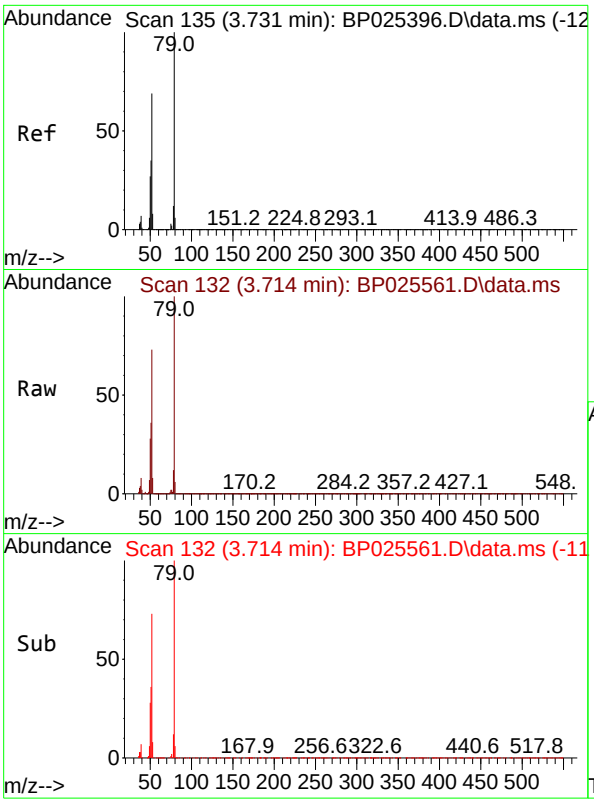


#2
1,4-Dioxane
Concen: 39.496 ng
RT: 3.314 min Scan# 64
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



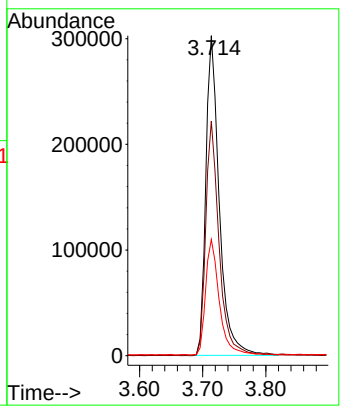


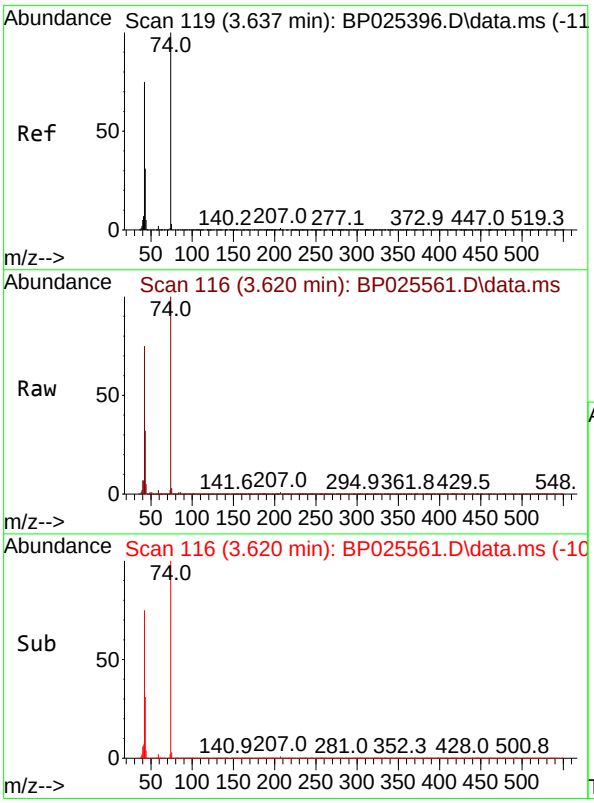
#3
Pyridine
Concen: 39.375 ng
RT: 3.714 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

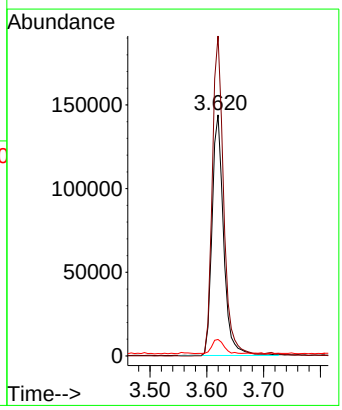


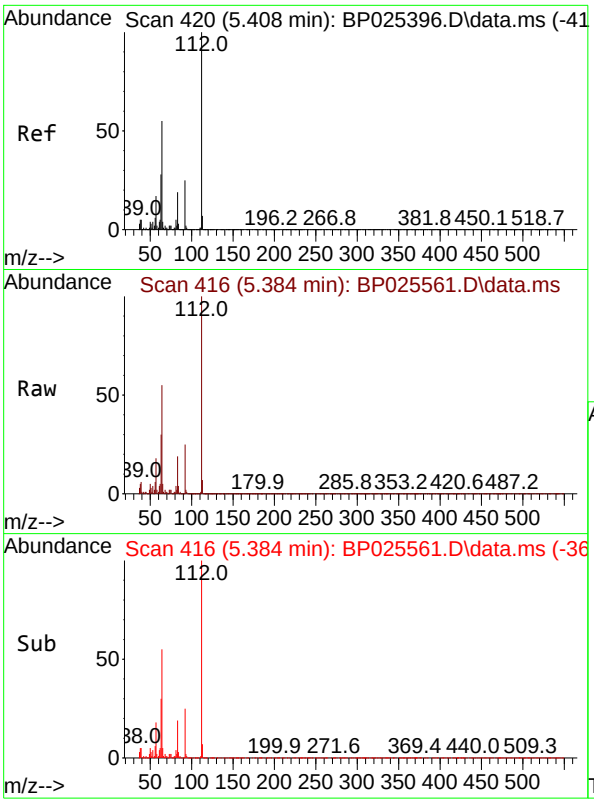


#4
n-Nitrosodimethylamine
Concen: 43.249 ng
RT: 3.620 min Scan# 116
Delta R.T. -0.018 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



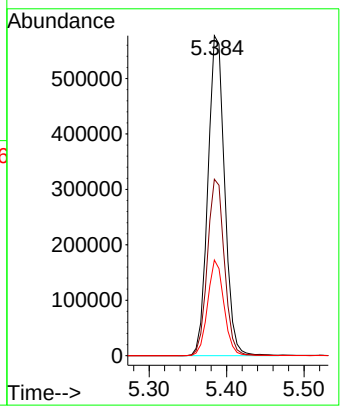


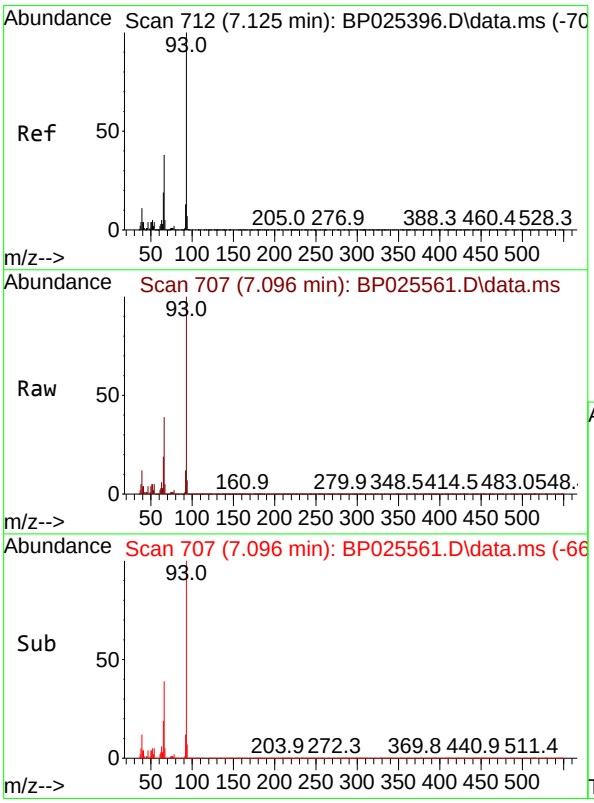
#5
2-Fluorophenol
Concen: 81.710 ng
RT: 5.384 min Scan# 41
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

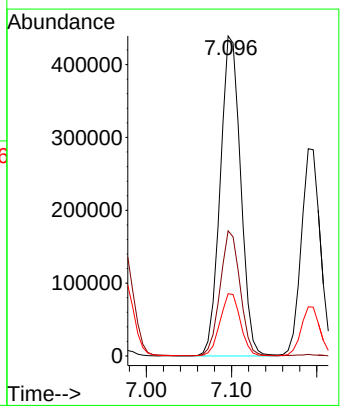


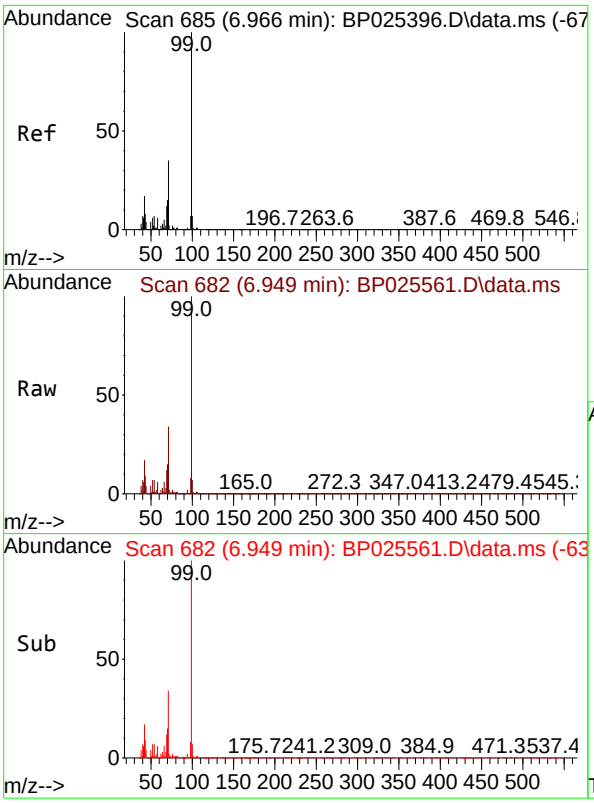


#6
Aniline
Concen: 39.910 ng
RT: 7.096 min Scan# 707
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



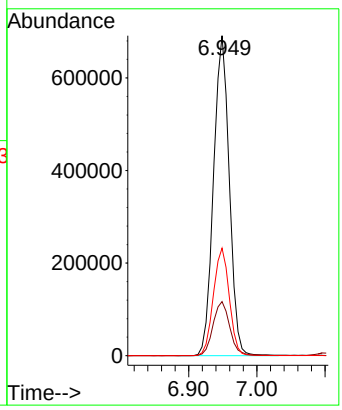


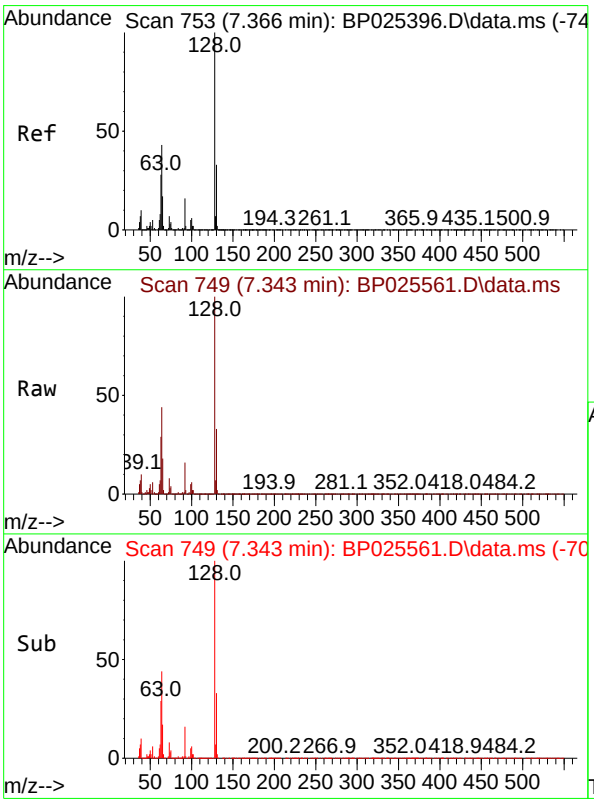
#7
Phenol-d6
Concen: 81.761 ng
RT: 6.949 min Scan# 6
Delta R.T. -0.018 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

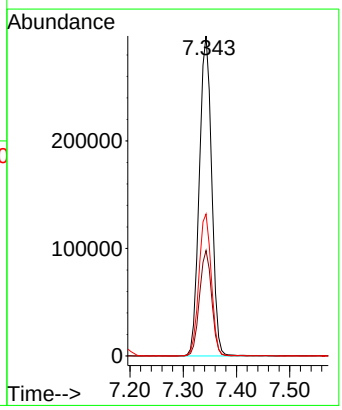


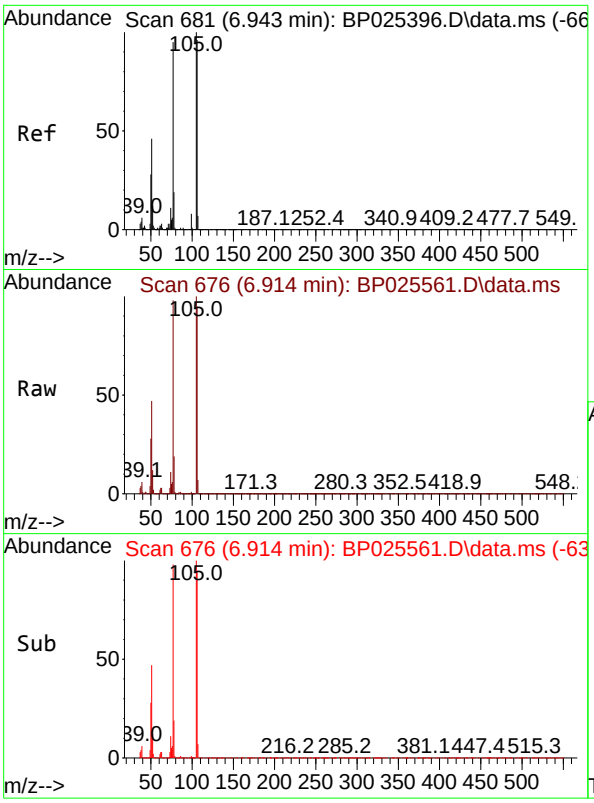


#8
2-Chlorophenol
Concen: 40.097 ng
RT: 7.343 min Scan# 749
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



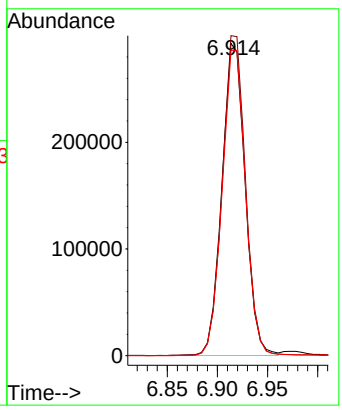


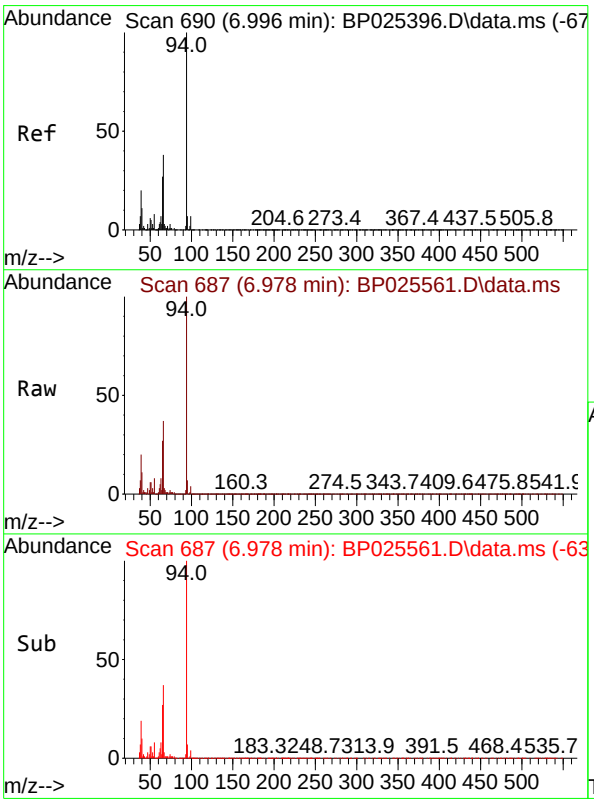
#9
Benzaldehyde
Concen: 49.484 ng
RT: 6.914 min Scan# 6
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

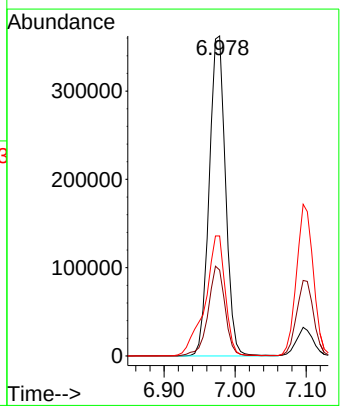


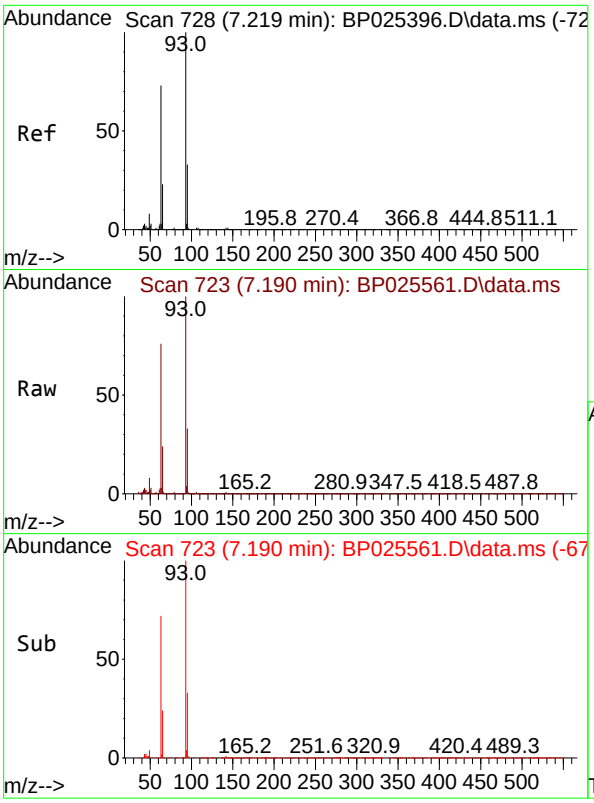


#10
Phenol
Concen: 40.408 ng
RT: 6.978 min Scan# 687
Delta R.T. -0.017 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



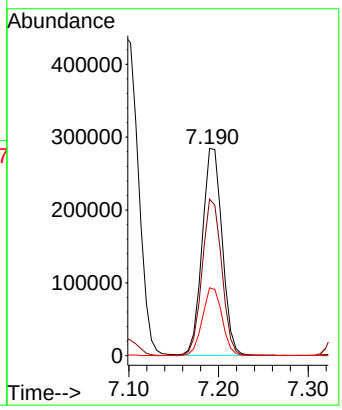


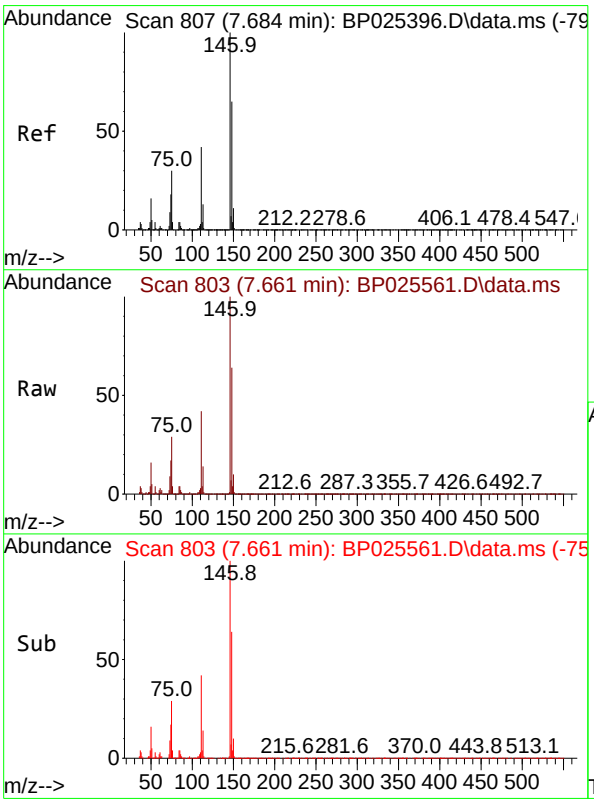
#11
bis(2-Chloroethyl)ether
Concen: 39.577 ng
RT: 7.190 min Scan# 7
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

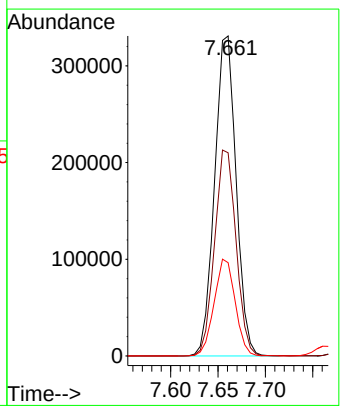


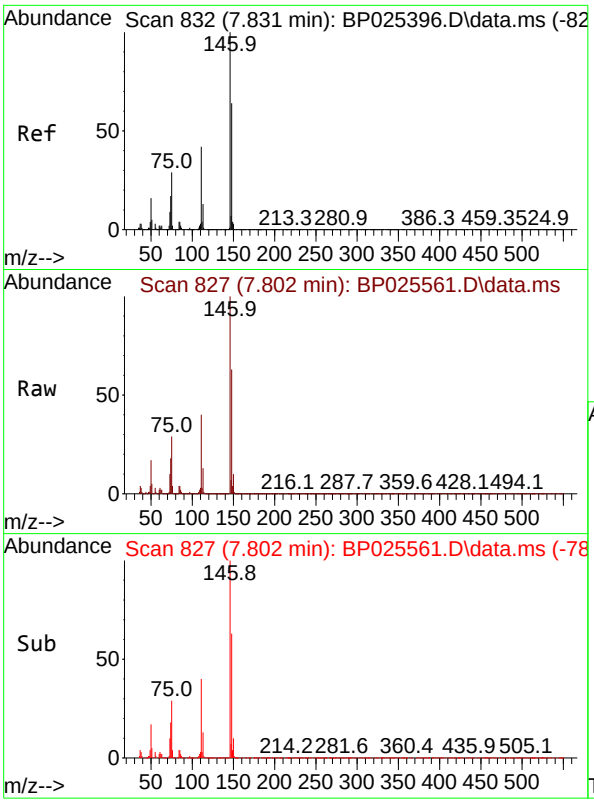


#12
1,3-Dichlorobenzene
Concen: 39.613 ng
RT: 7.661 min Scan# 803
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



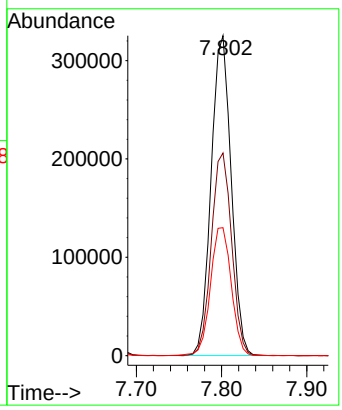


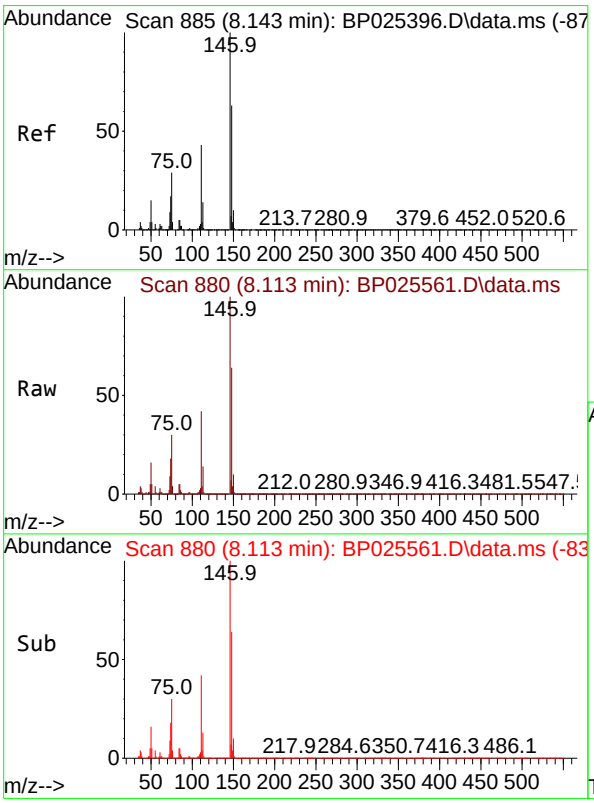
#13
1,4-Dichlorobenzene
Concen: 39.395 ng
RT: 7.802 min Scan# 8
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

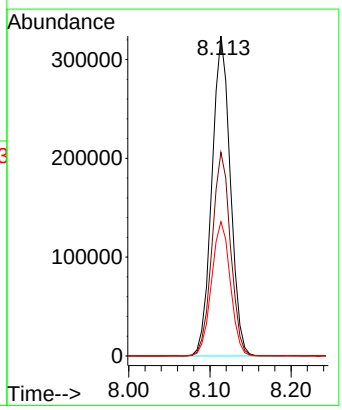


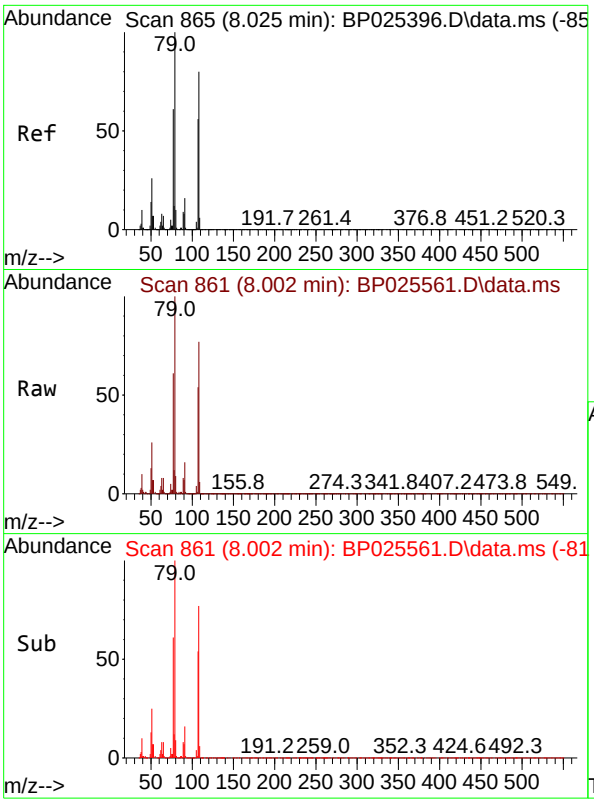


#14
1,2-Dichlorobenzene
Concen: 39.154 ng
RT: 8.113 min Scan# 880
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



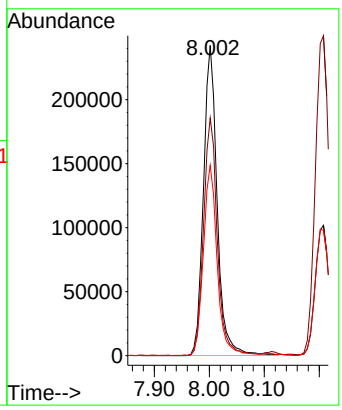


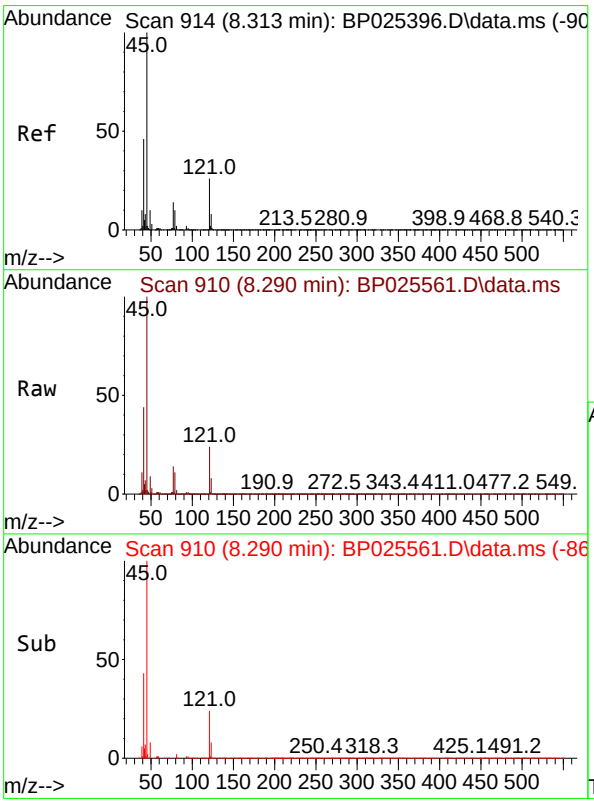
#15
Benzyl Alcohol
Concen: 38.840 ng
RT: 8.002 min Scan# 8
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

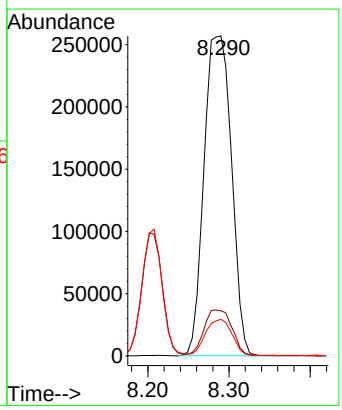


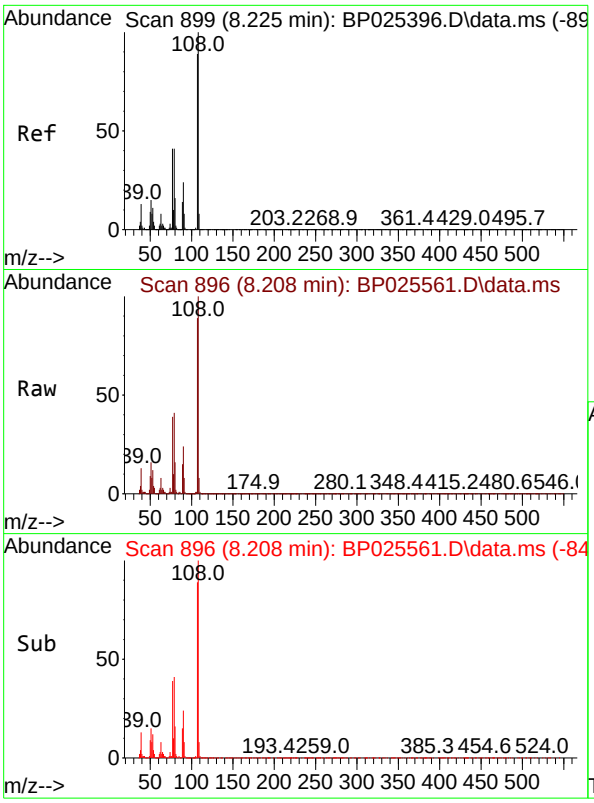


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.570 ng
RT: 8.290 min Scan# 910
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



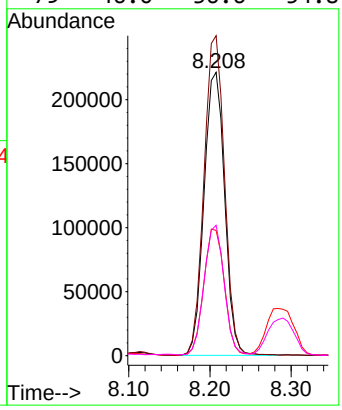


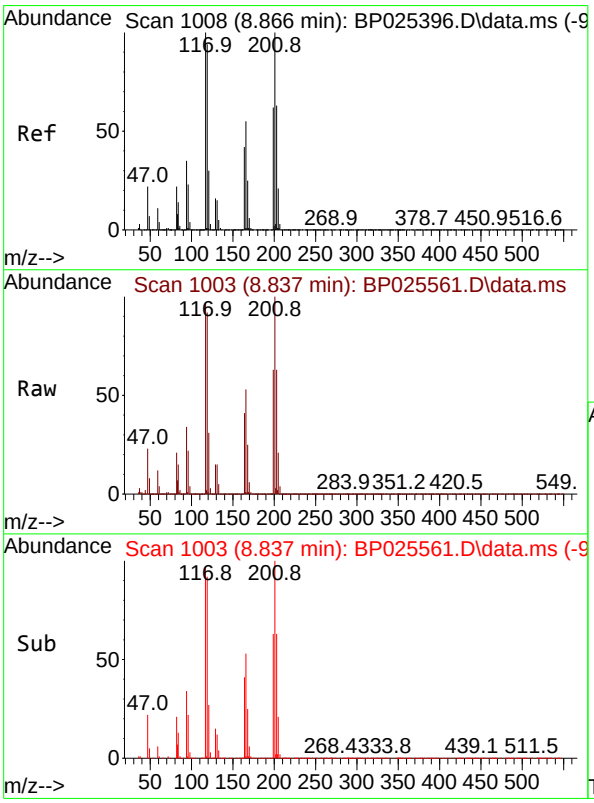
#17
2-Methylphenol
Concen: 39.399 ng
RT: 8.208 min Scan# 8
Delta R.T. -0.017 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

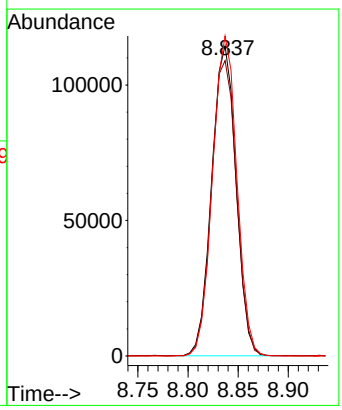


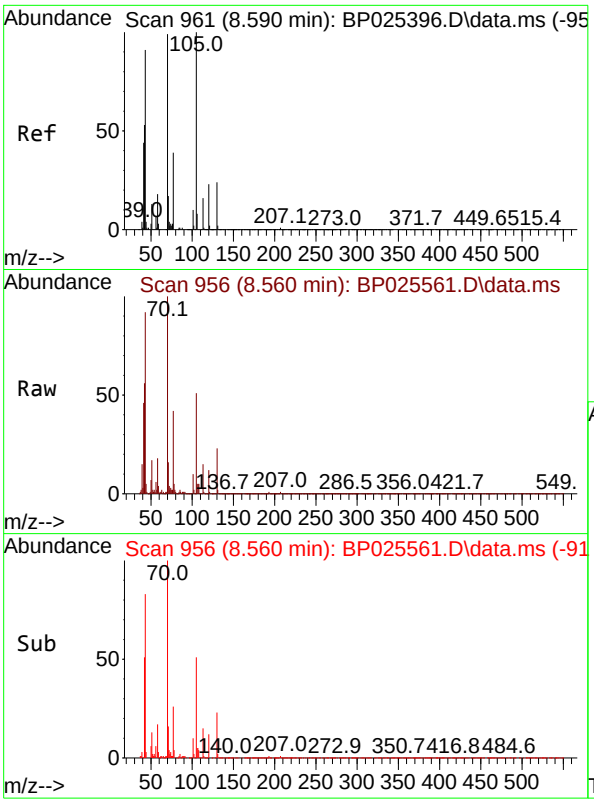


#18
Hexachloroethane
Concen: 38.854 ng
RT: 8.837 min Scan# 1003
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



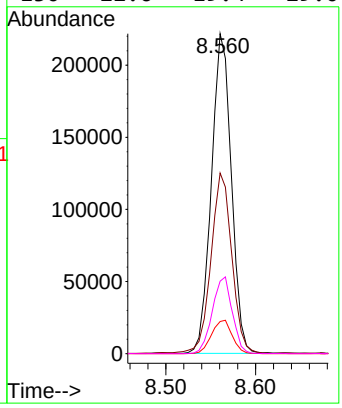


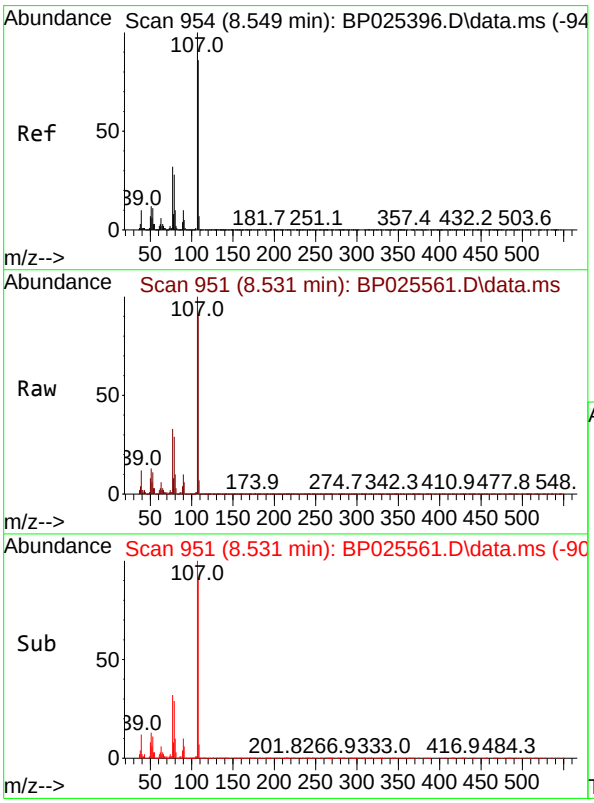
#19
n-Nitroso-di-n-propylamine
Concen: 37.921 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

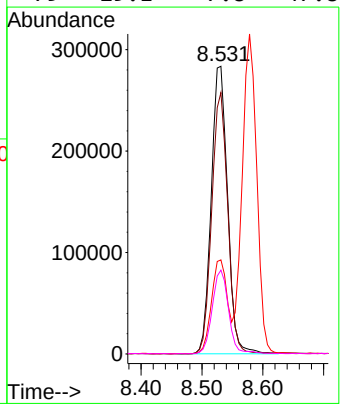


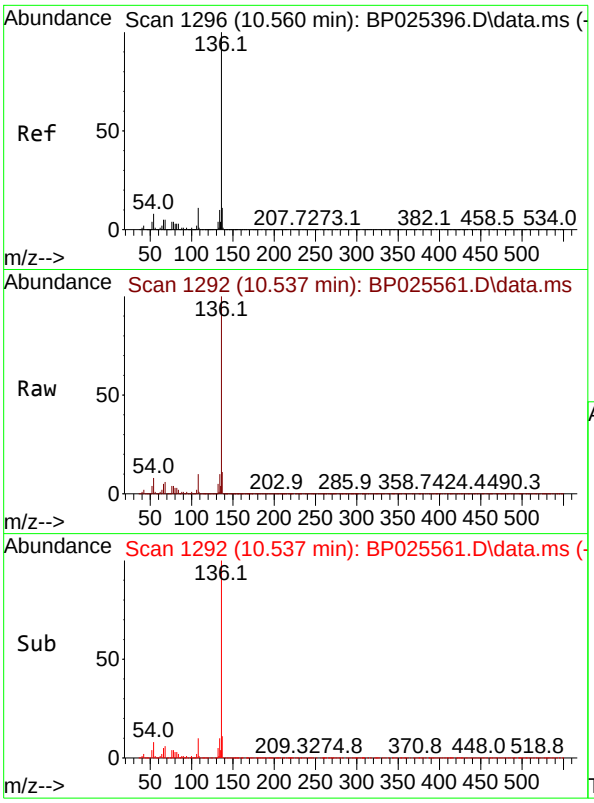


#20
3+4-Methylphenols
Concen: 38.494 ng
RT: 8.531 min Scan# 951
Delta R.T. -0.018 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



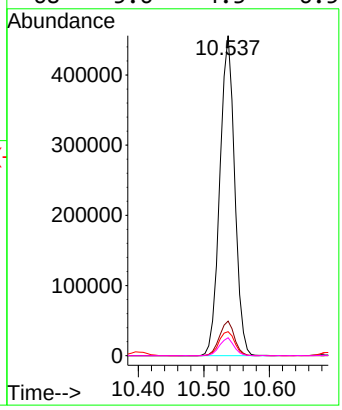


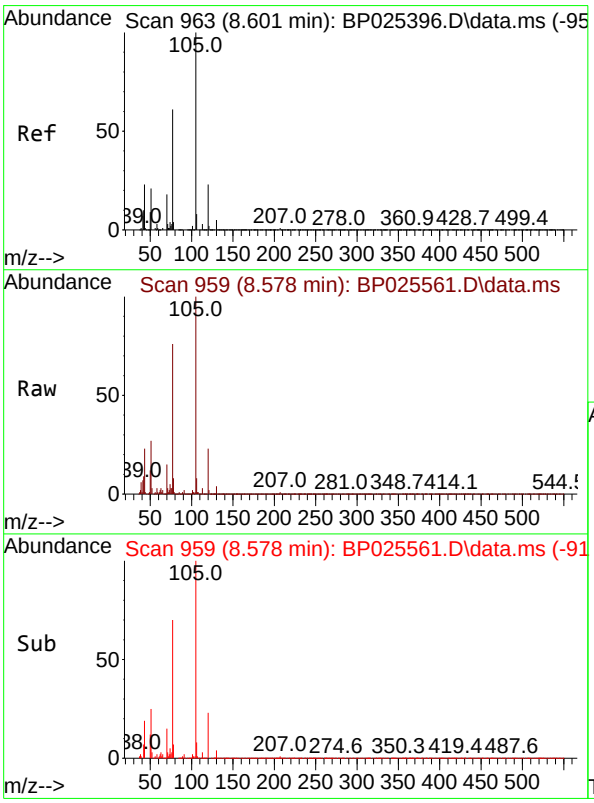
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.537 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

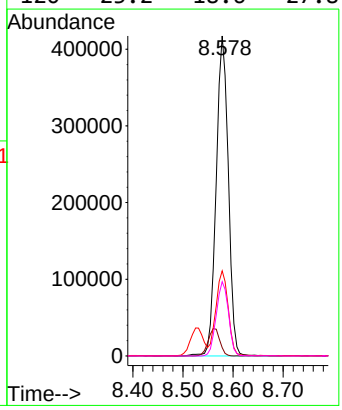


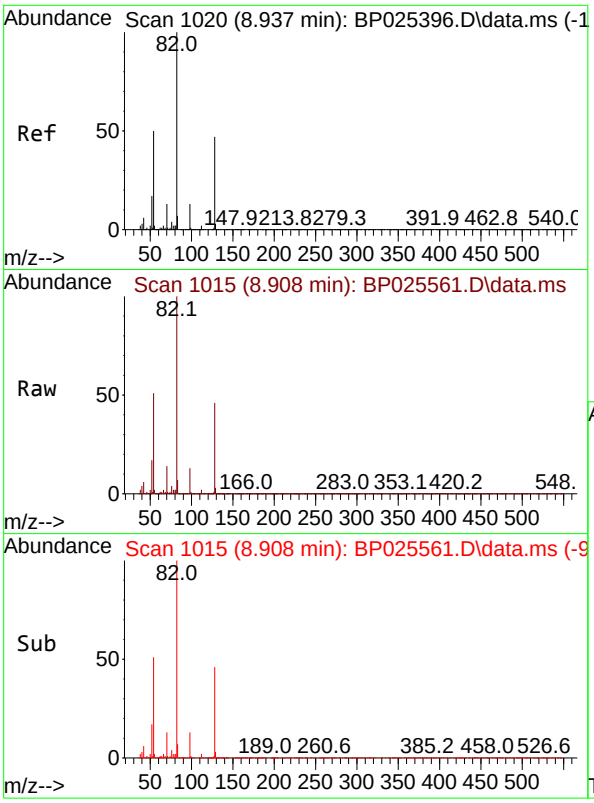


#22
Acetophenone
Concen: 39.080 ng
RT: 8.578 min Scan# 959
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



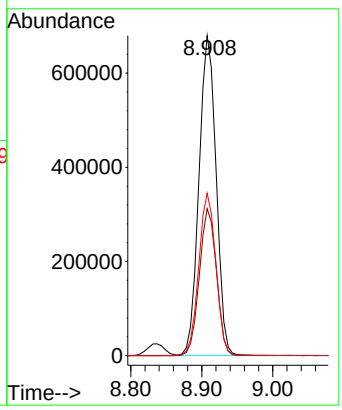


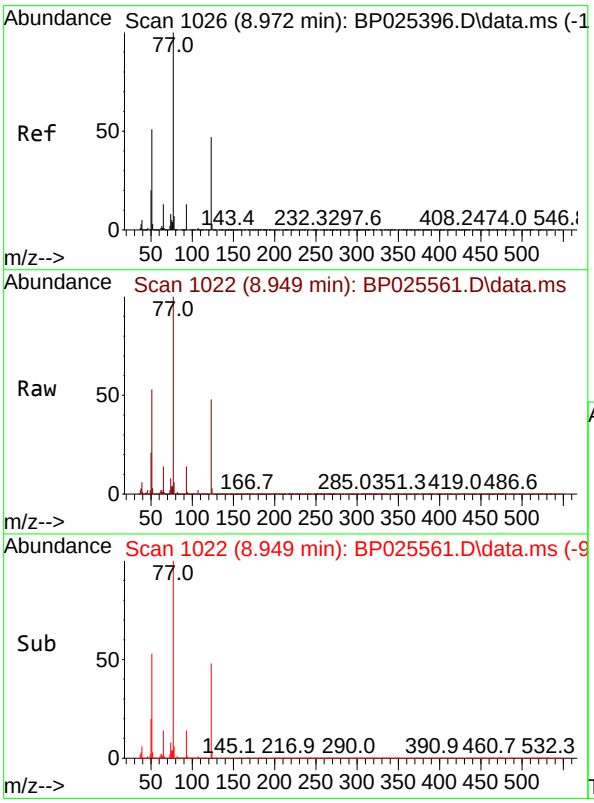
#23
Nitrobenzene-d5
Concen: 80.798 ng
RT: 8.908 min Scan# 1(
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

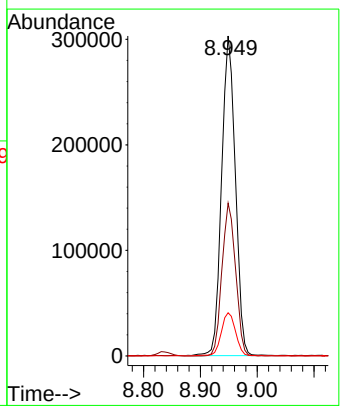


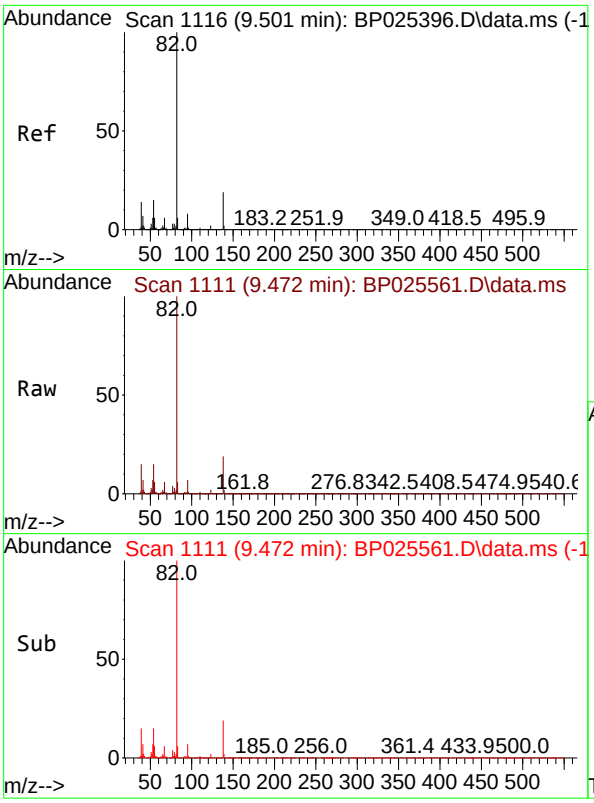


#24
Nitrobenzene
Concen: 40.502 ng
RT: 8.949 min Scan# 1022
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



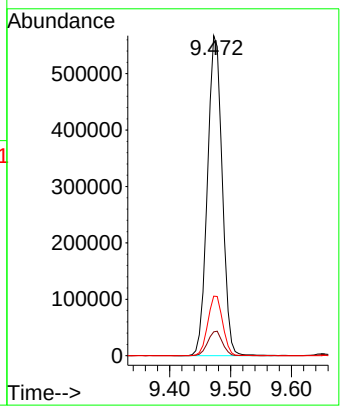


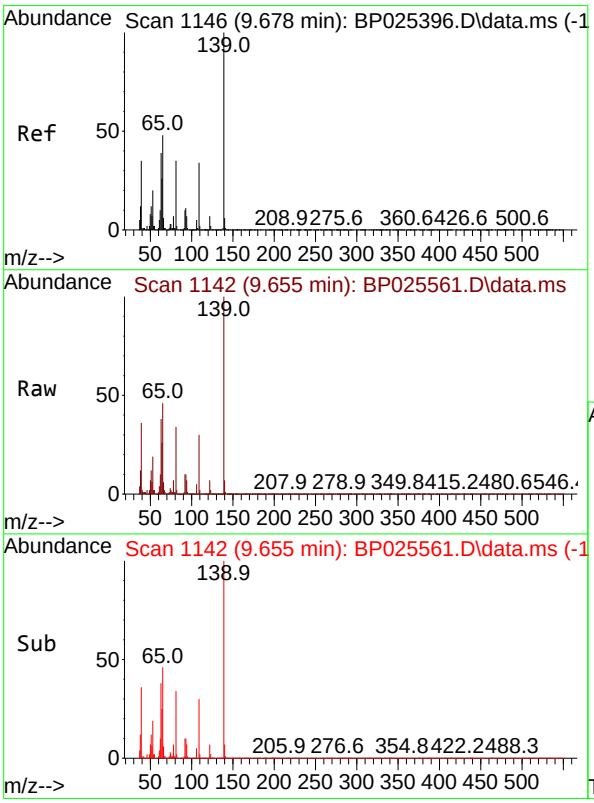
#25
Isophorone
Concen: 38.173 ng
RT: 9.472 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

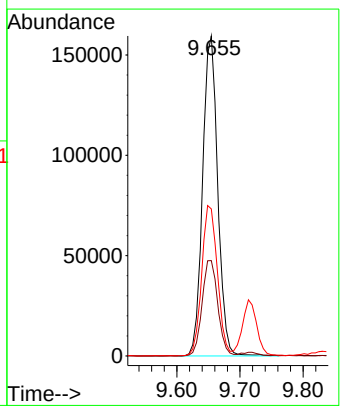


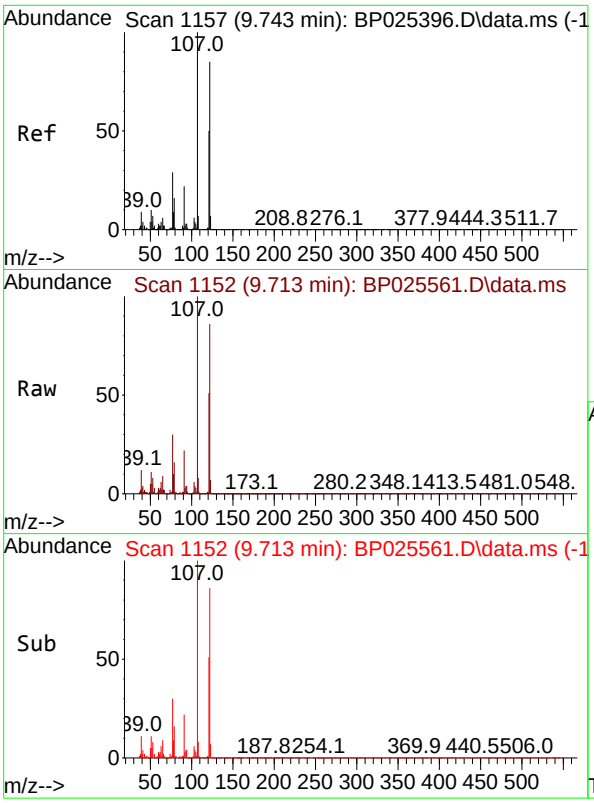


#26
2-Nitrophenol
Concen: 40.961 ng
RT: 9.655 min Scan# 1142
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



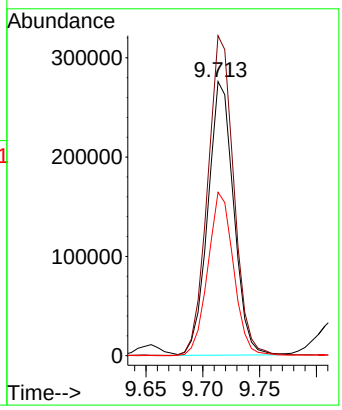


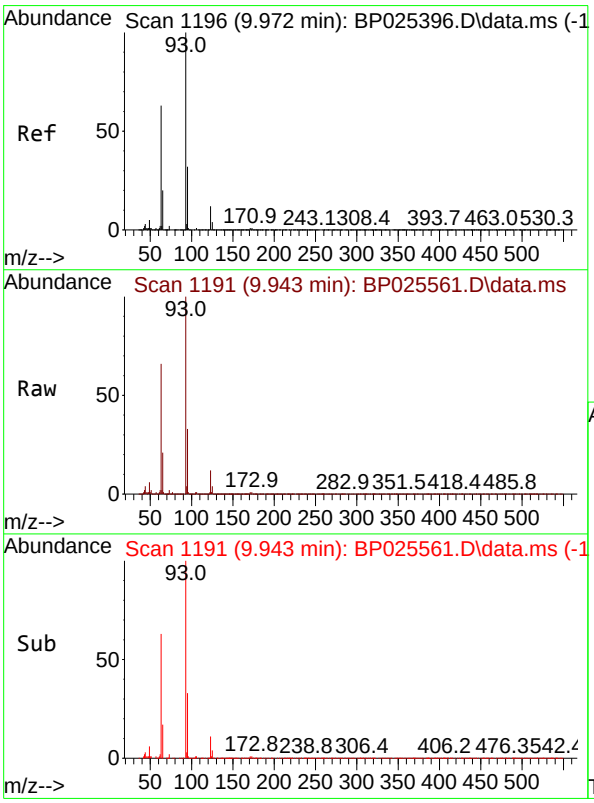
#27
2,4-Dimethylphenol
Concen: 39.037 ng
RT: 9.713 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

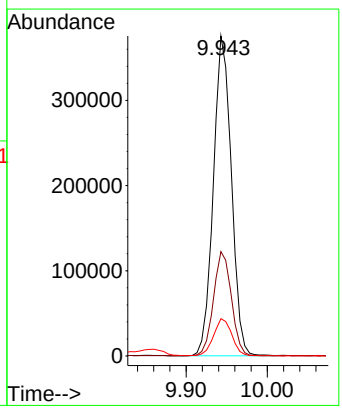


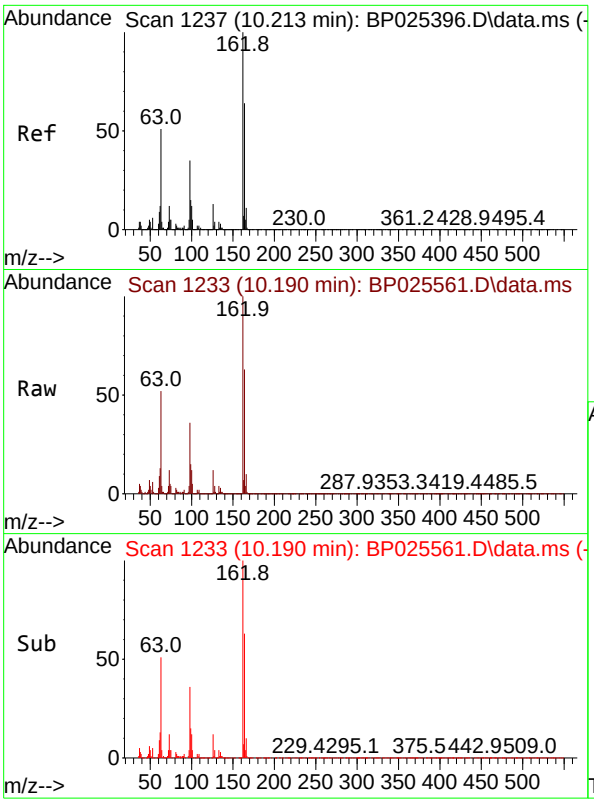


#28
bis(2-Chloroethoxy)methane
Concen: 38.325 ng
RT: 9.943 min Scan# 1191
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



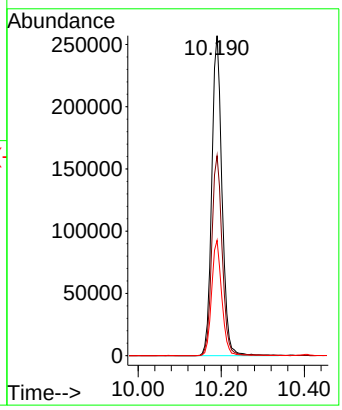


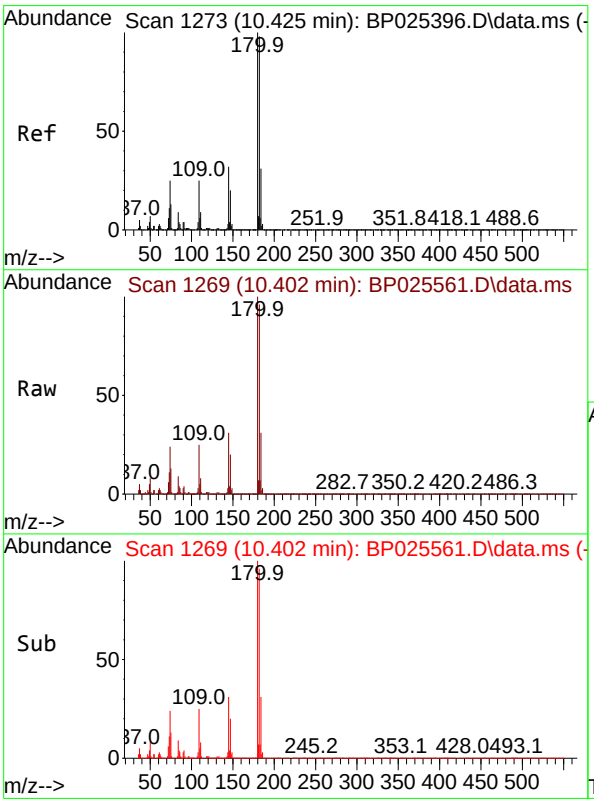
#29
2,4-Dichlorophenol
Concen: 39.573 ng
RT: 10.190 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

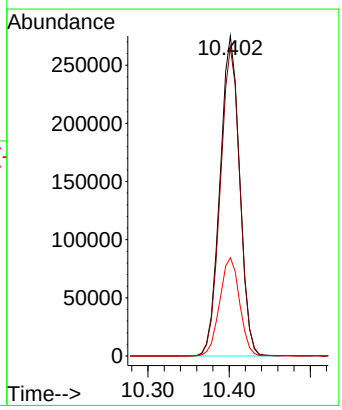


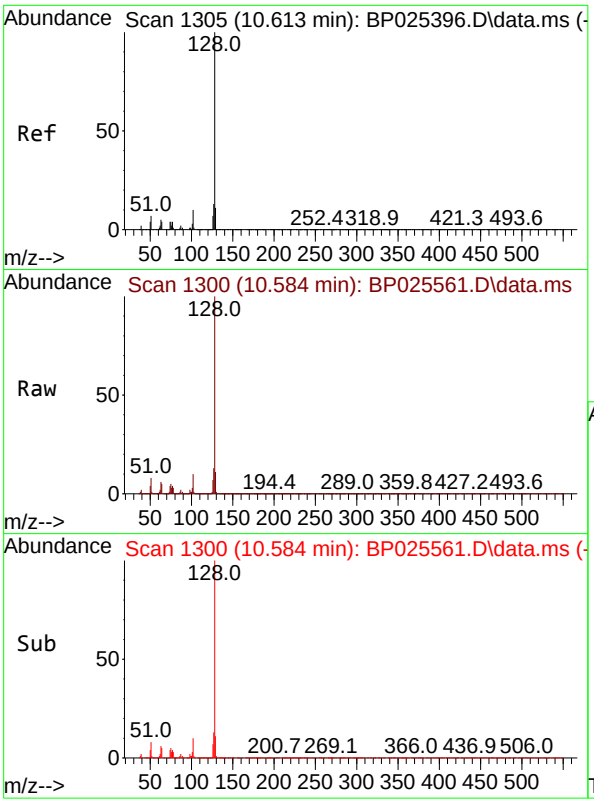


#30
1,2,4-Trichlorobenzene
Concen: 38.039 ng
RT: 10.402 min Scan# 1269
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



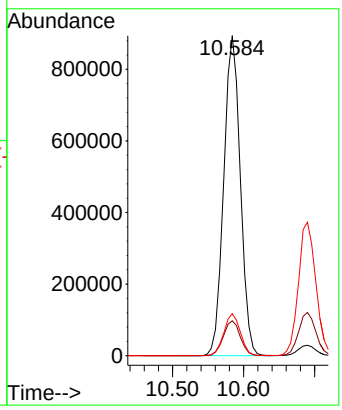


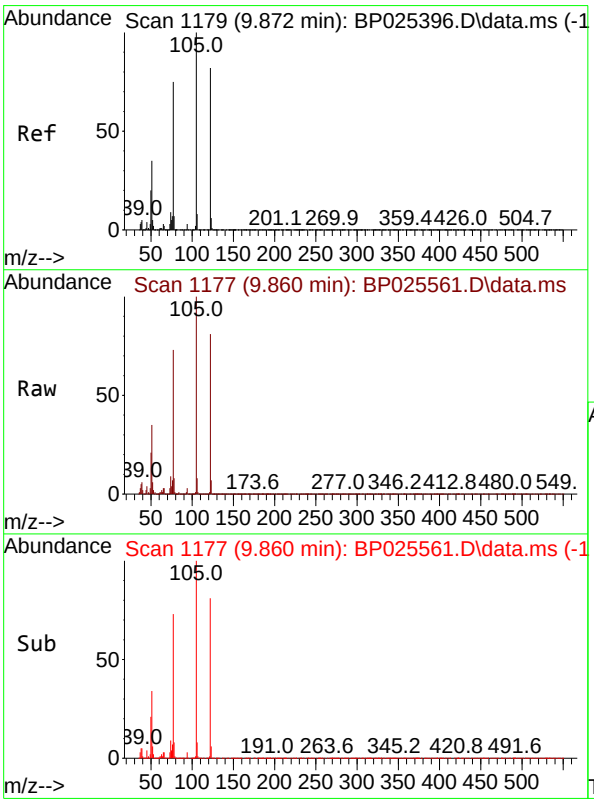
#31
Naphthalene
Concen: 38.894 ng
RT: 10.584 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

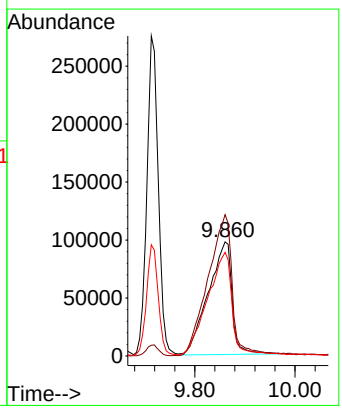


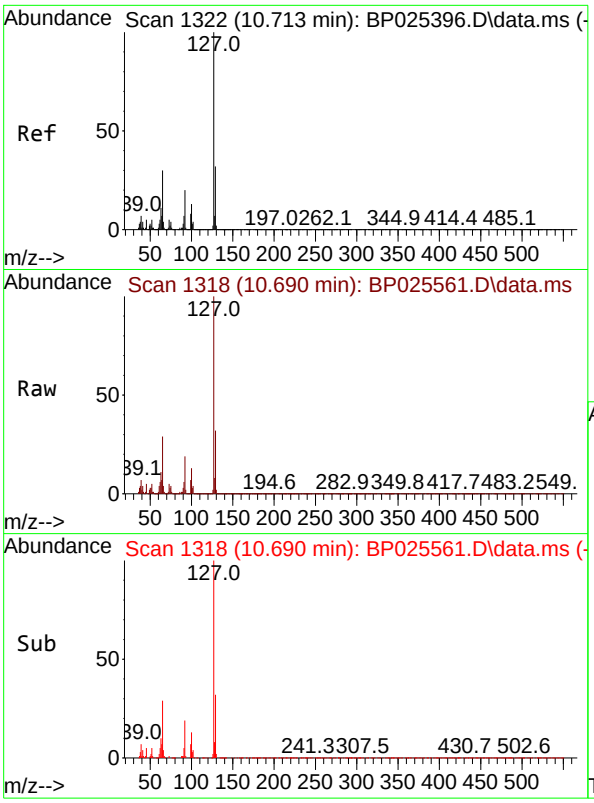


#32
Benzoic acid
Concen: 38.733 ng
RT: 9.860 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



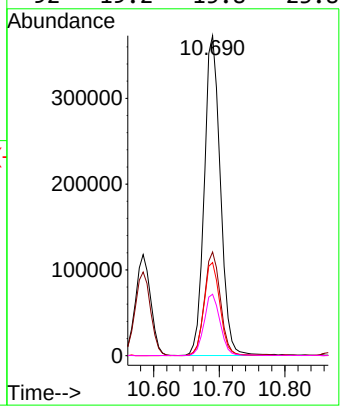


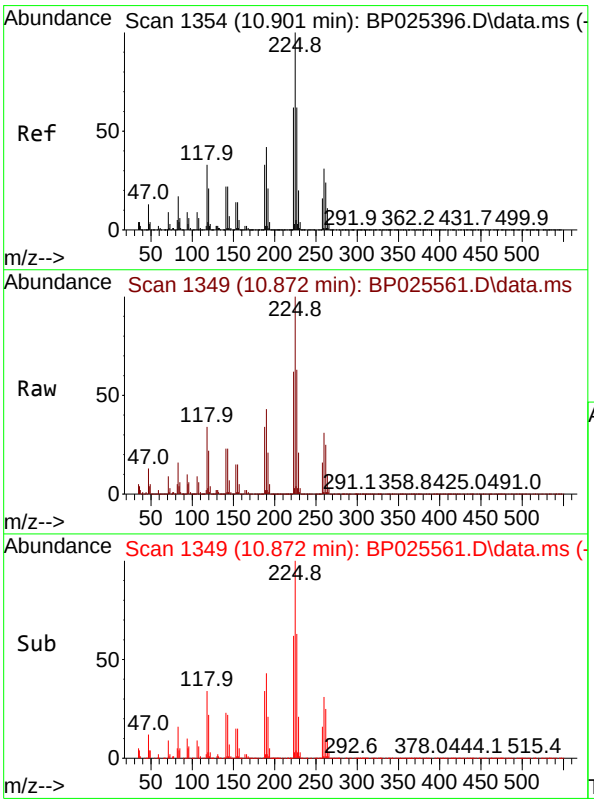
#33
4-Chloroaniline
Concen: 38.859 ng
RT: 10.690 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

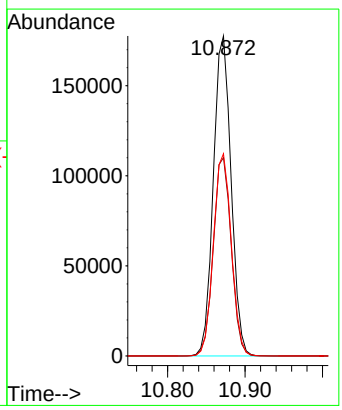


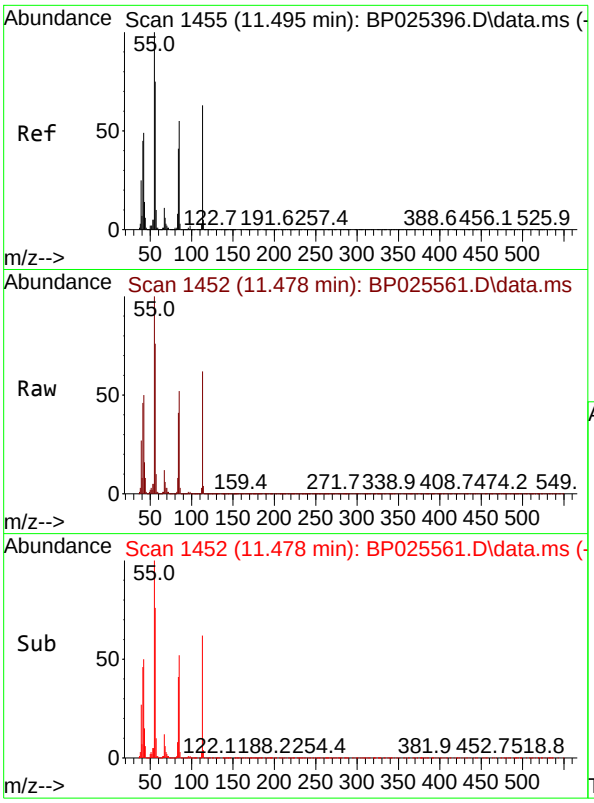


#34
Hexachlorobutadiene
Concen: 37.301 ng
RT: 10.872 min Scan# 1349
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



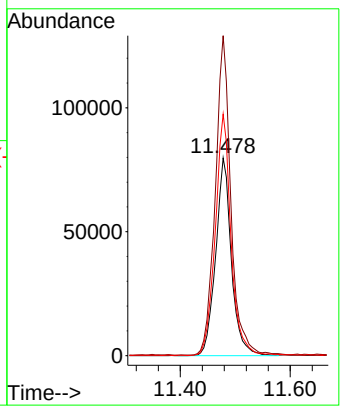


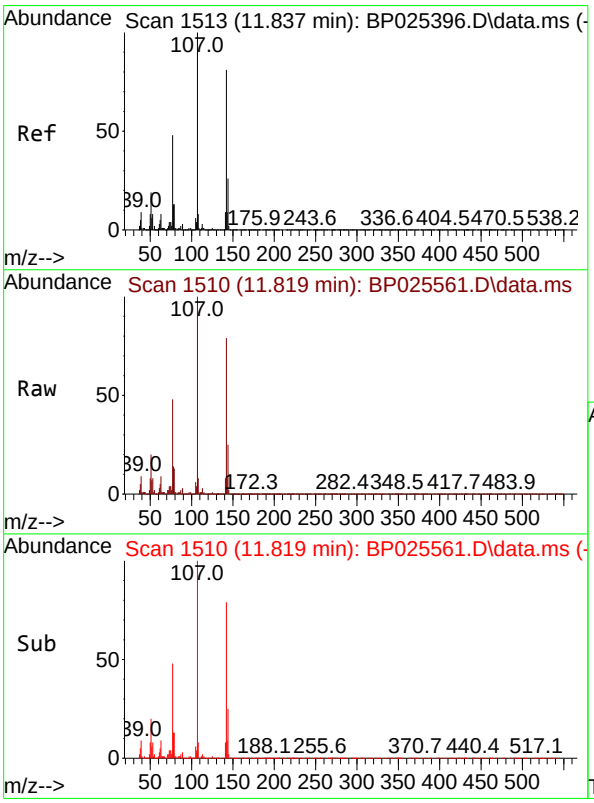
#35
Caprolactam
Concen: 39.001 ng
RT: 11.478 min Scan# 14
Delta R.T. -0.018 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

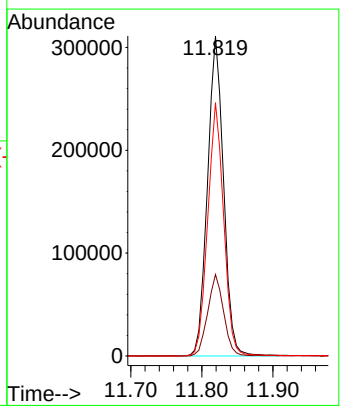


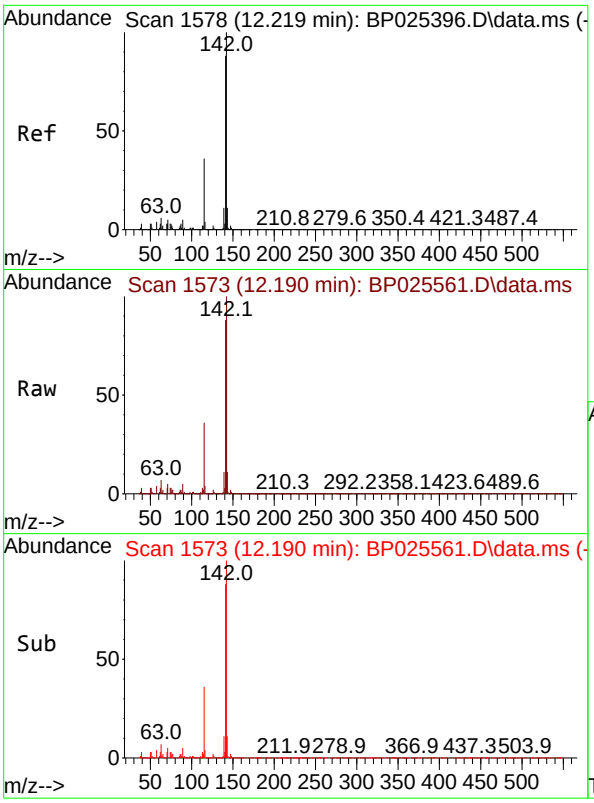


#36
4-Chloro-3-methylphenol
Concen: 38.508 ng
RT: 11.819 min Scan# 1510
Delta R.T. -0.018 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



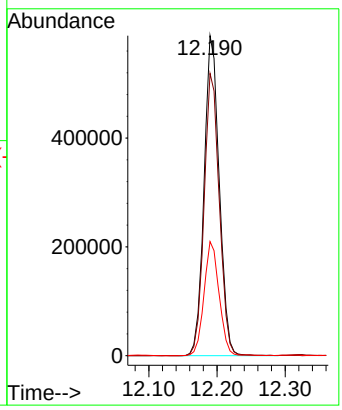


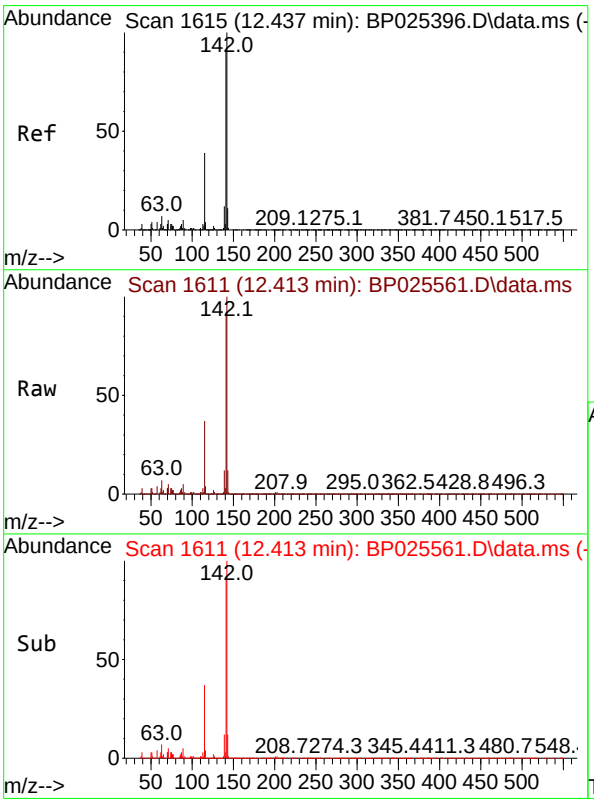
#37
2-Methylnaphthalene
Concen: 37.585 ng
RT: 12.190 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

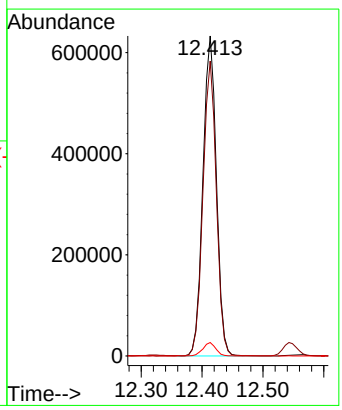


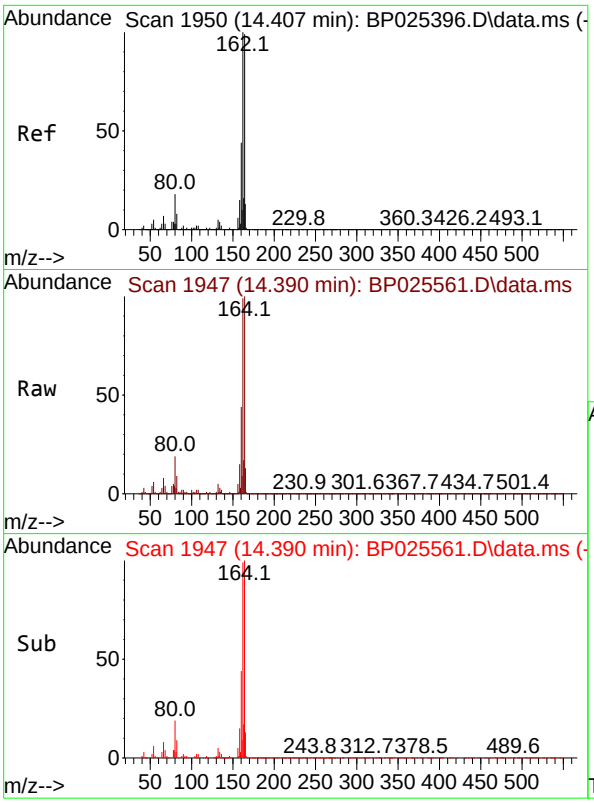


#38
1-Methylnaphthalene
Concen: 37.806 ng
RT: 12.413 min Scan# 1611
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



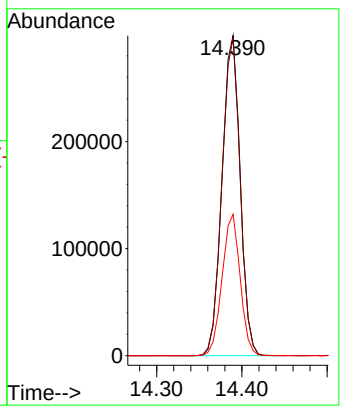


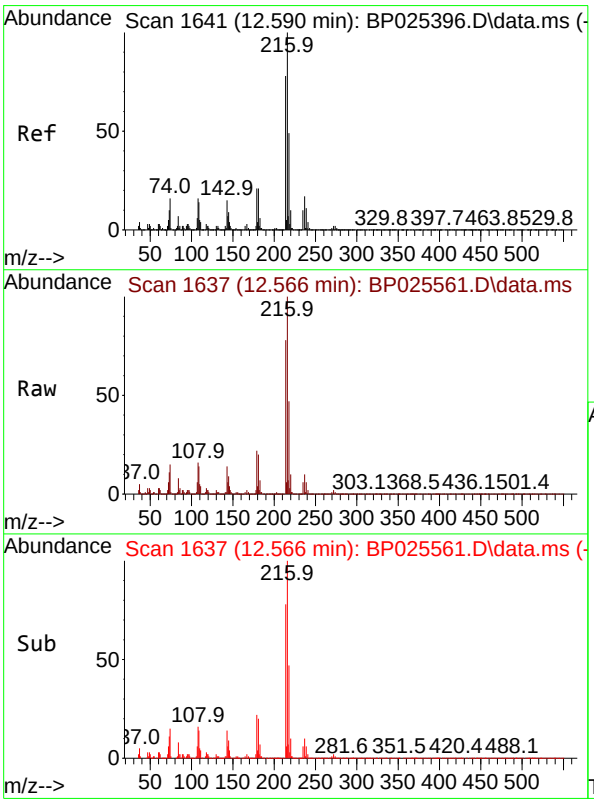
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.390 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

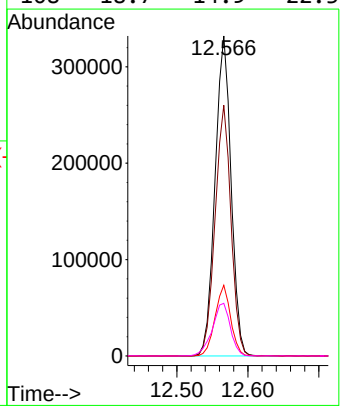


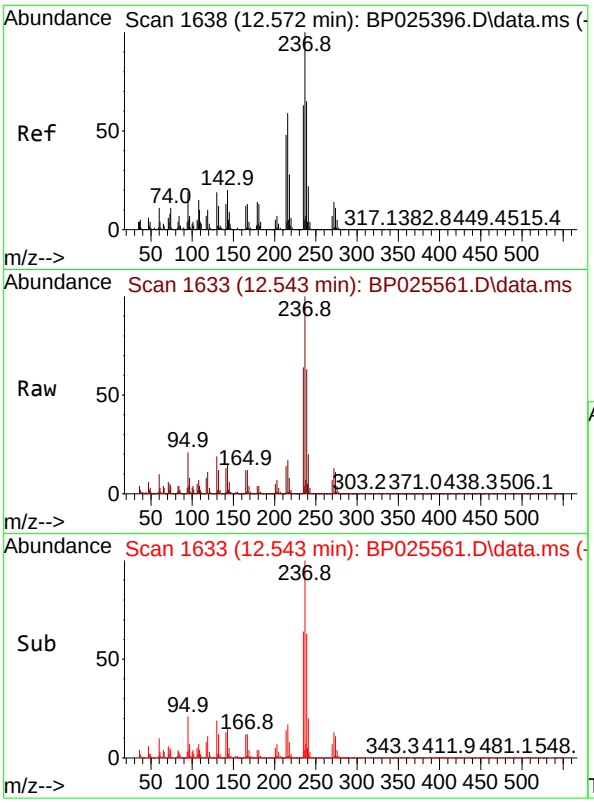


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.556 ng
RT: 12.566 min Scan# 1637
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



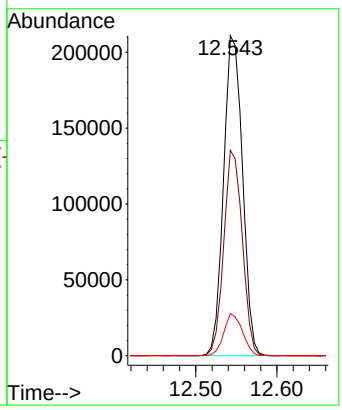


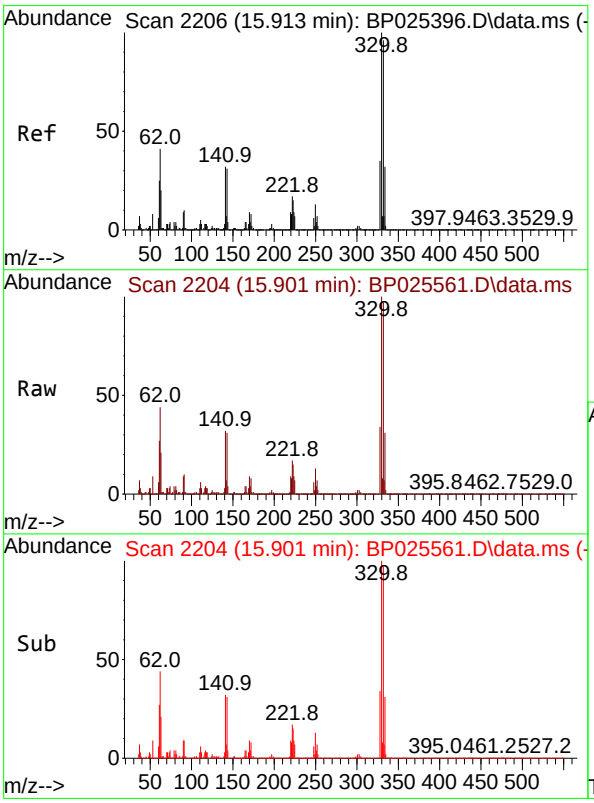
#41
Hexachlorocyclopentadiene
Concen: 44.362 ng
RT: 12.543 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

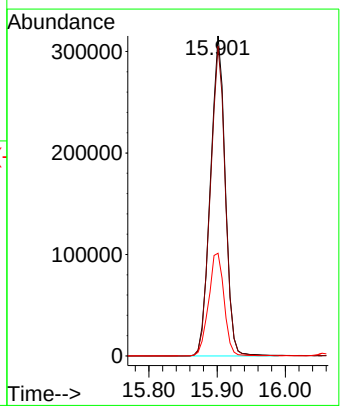


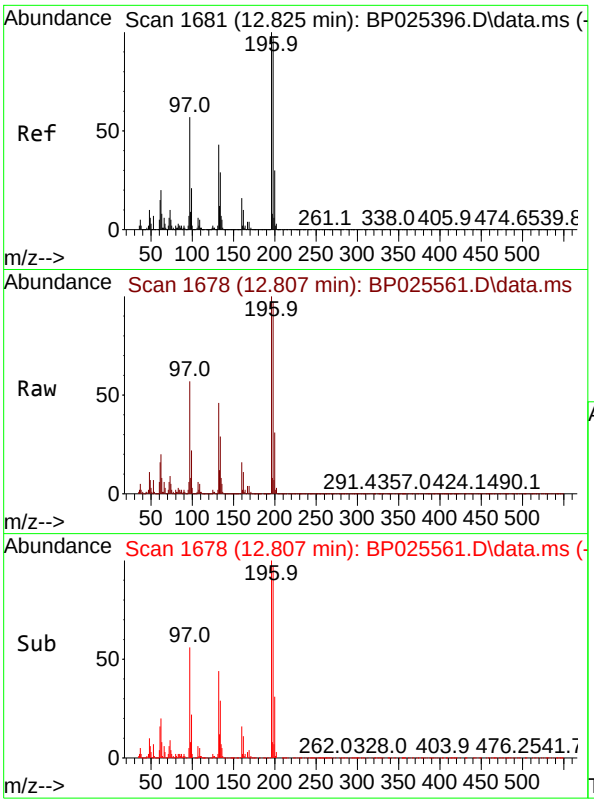


#42
2,4,6-Tribromophenol
Concen: 80.257 ng
RT: 15.901 min Scan# 2204
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



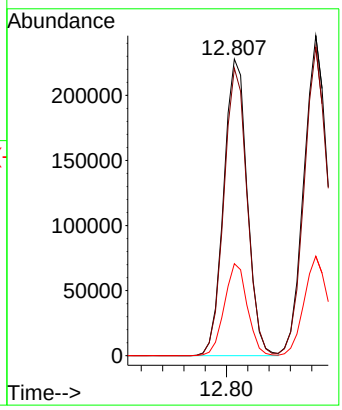


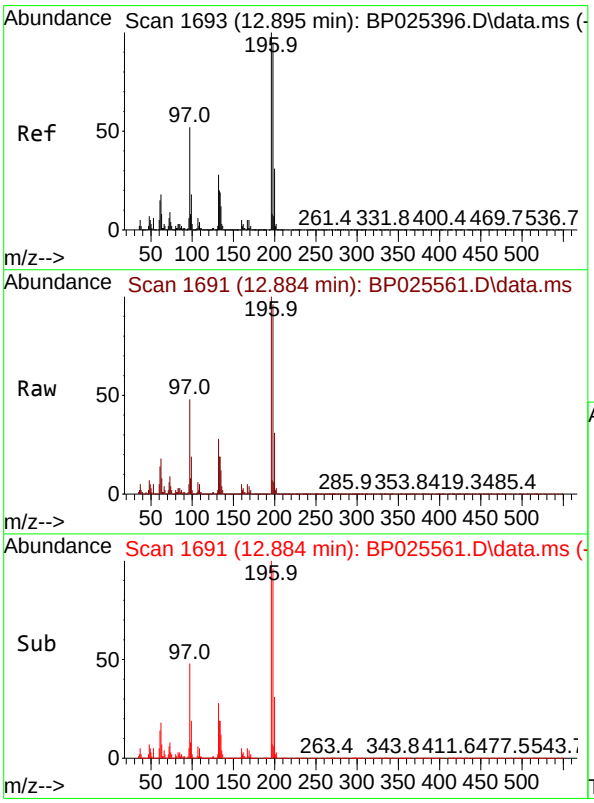
#43
2,4,6-Trichlorophenol
Concen: 40.662 ng
RT: 12.807 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

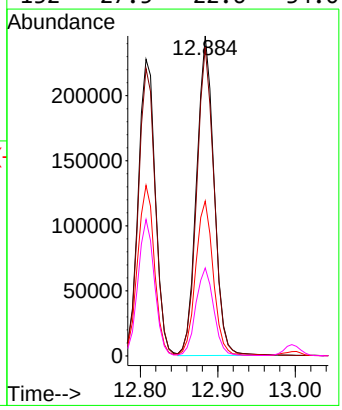


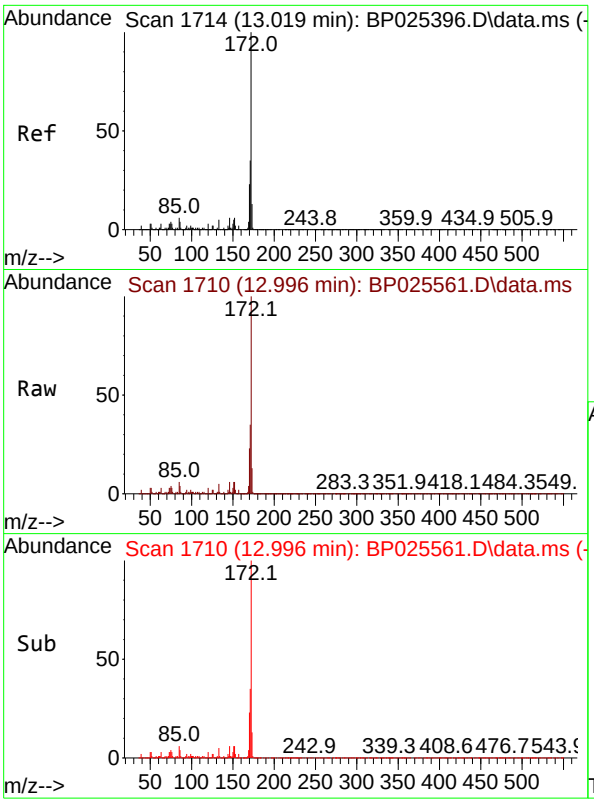


#44
2,4,5-Trichlorophenol
Concen: 40.714 ng
RT: 12.884 min Scan# 1691
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



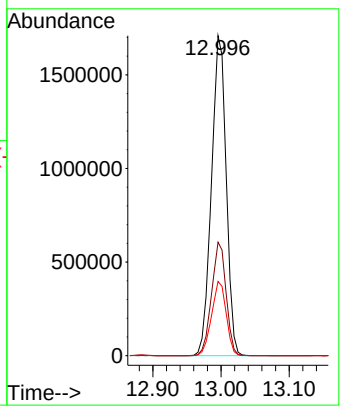


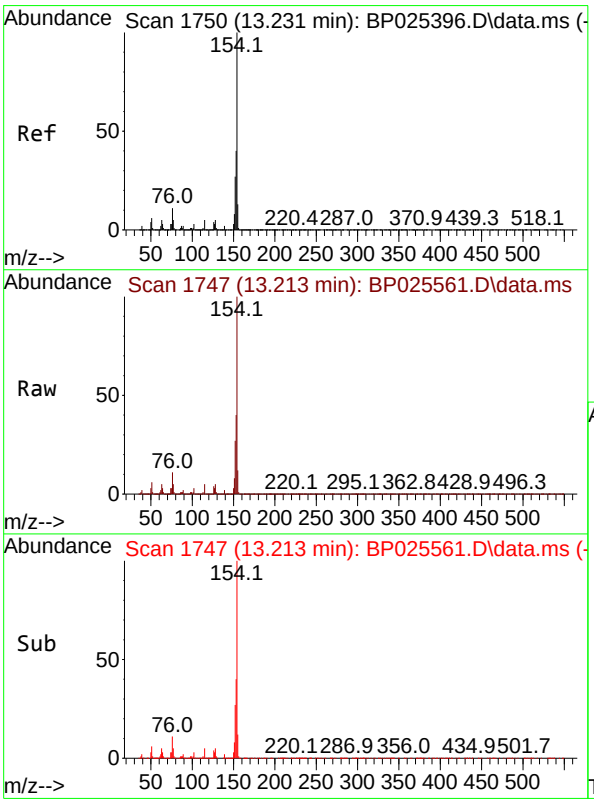
#45
2-Fluorobiphenyl
Concen: 79.434 ng
RT: 12.996 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

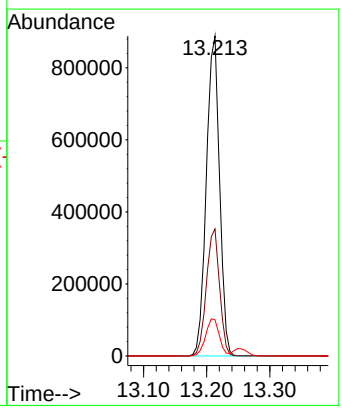


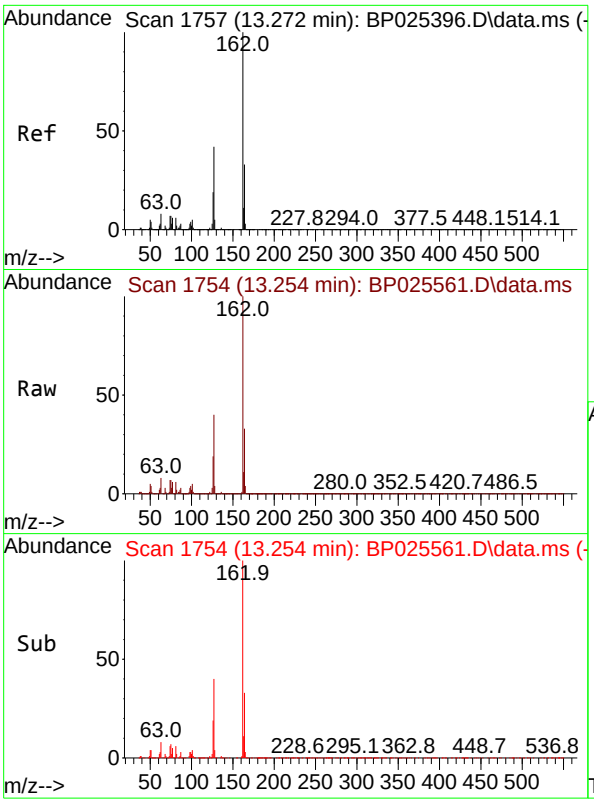


#46
1,1'-Biphenyl
Concen: 40.089 ng
RT: 13.213 min Scan# 1747
Delta R.T. -0.017 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



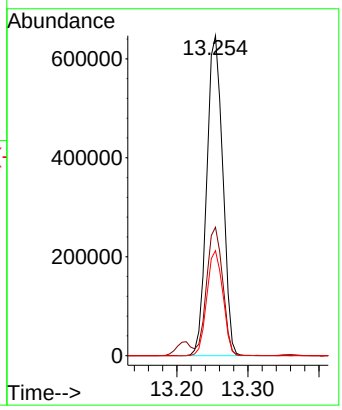


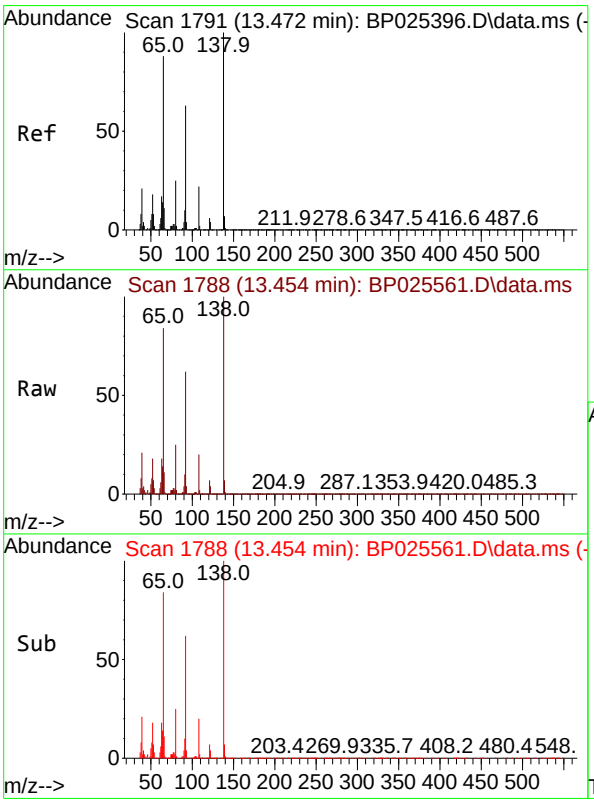
#47
2-Chloronaphthalene
Concen: 40.540 ng
RT: 13.254 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

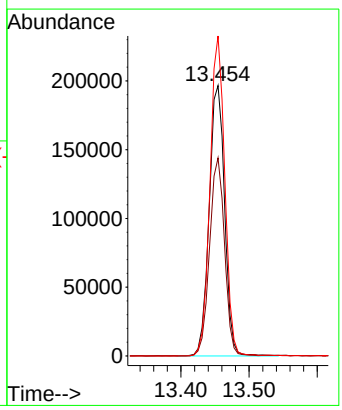


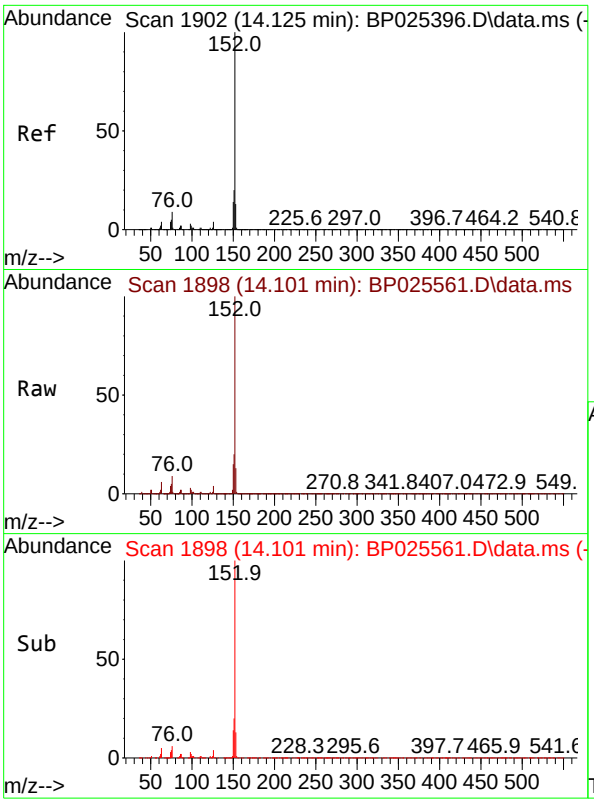


#48
2-Nitroaniline
Concen: 42.624 ng
RT: 13.454 min Scan# 1788
Delta R.T. -0.018 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



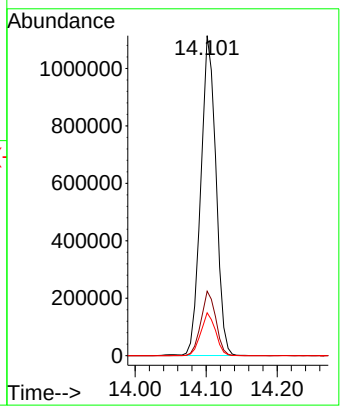


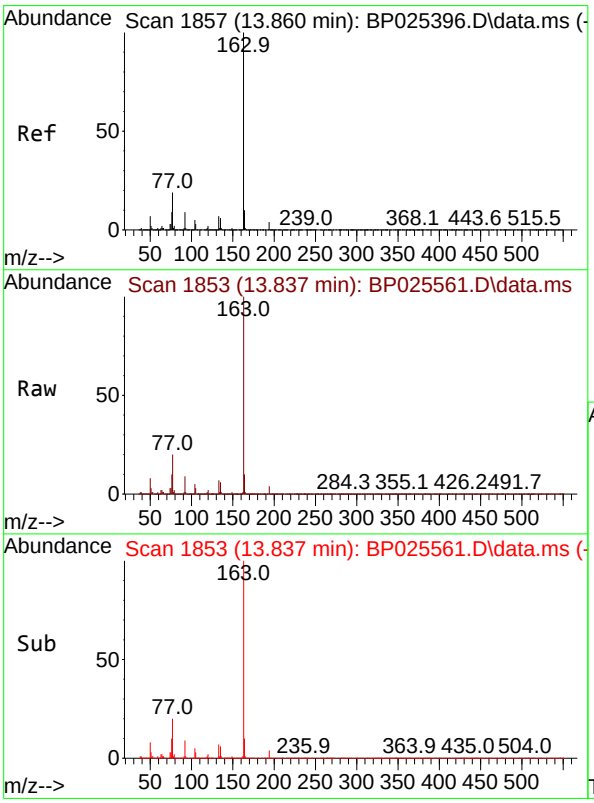
#49
Acenaphthylene
Concen: 40.026 ng
RT: 14.101 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

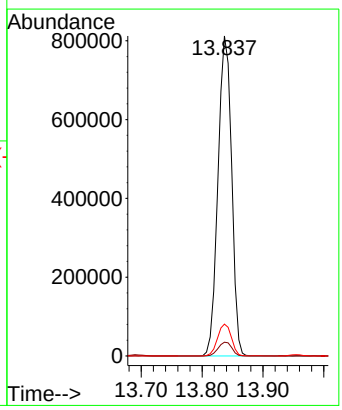


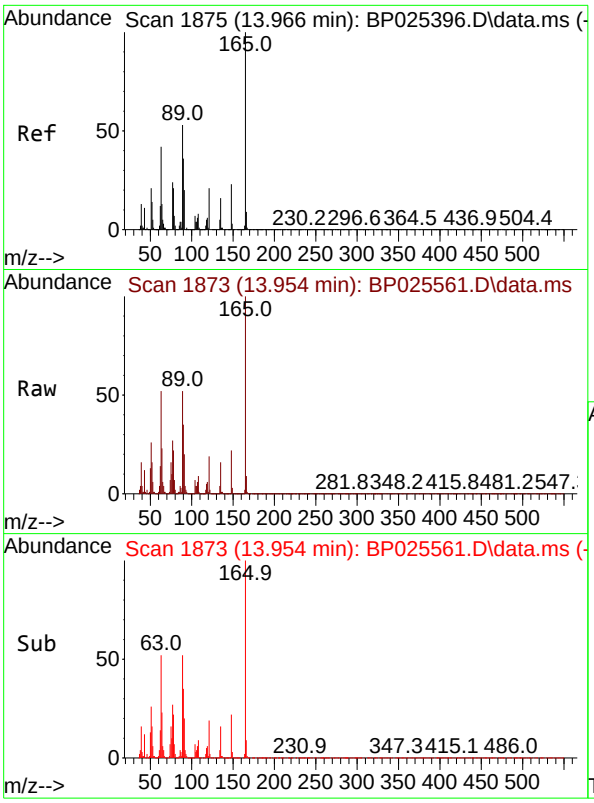


#50
Dimethylphthalate
Concen: 38.989 ng
RT: 13.837 min Scan# 1853
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



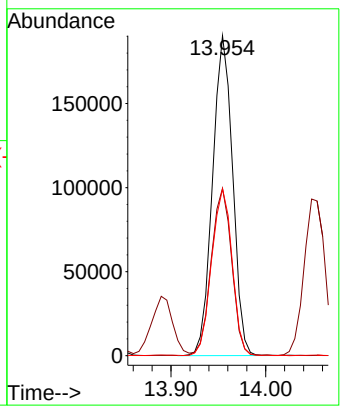


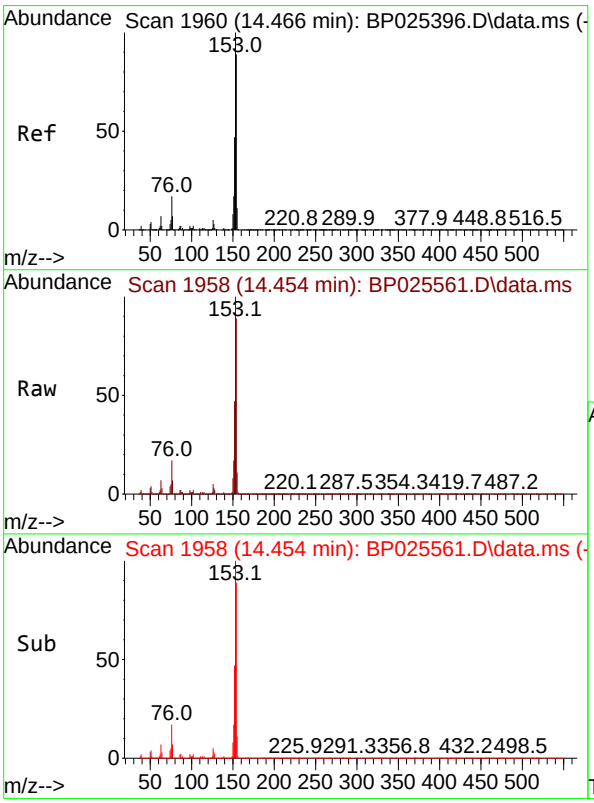
#51
2,6-Dinitrotoluene
Concen: 41.166 ng
RT: 13.954 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

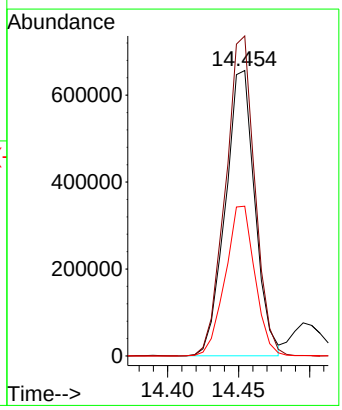


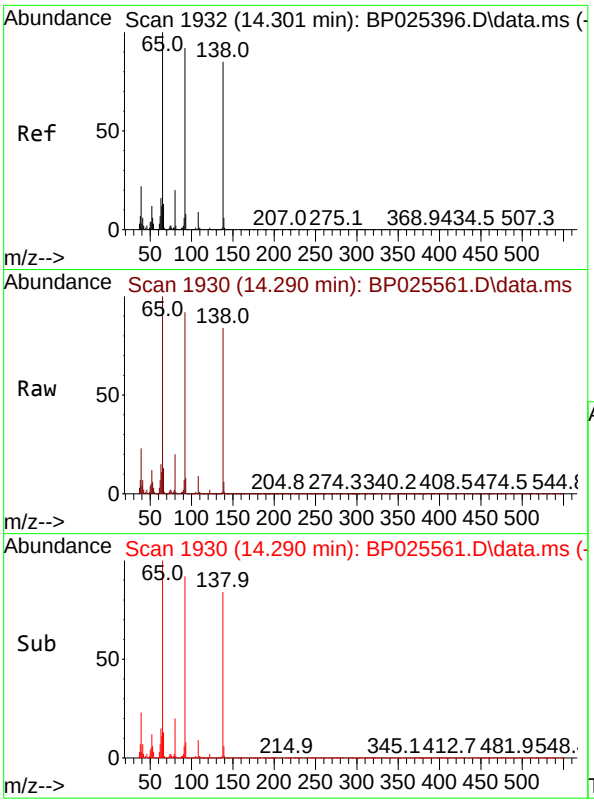


#52
Acenaphthene
Concen: 39.125 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



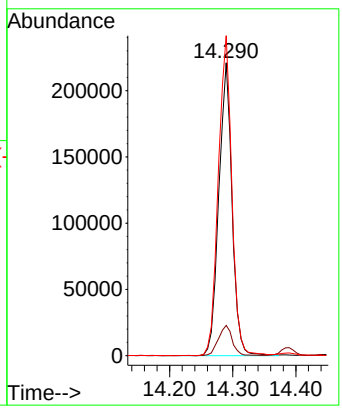


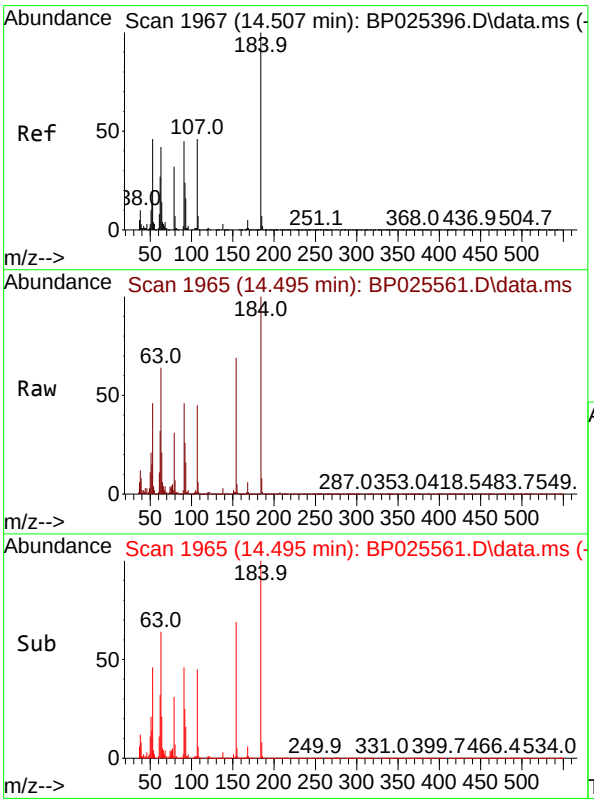
#53
3-Nitroaniline
Concen: 41.940 ng
RT: 14.290 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

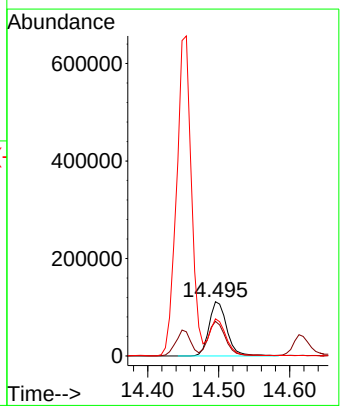


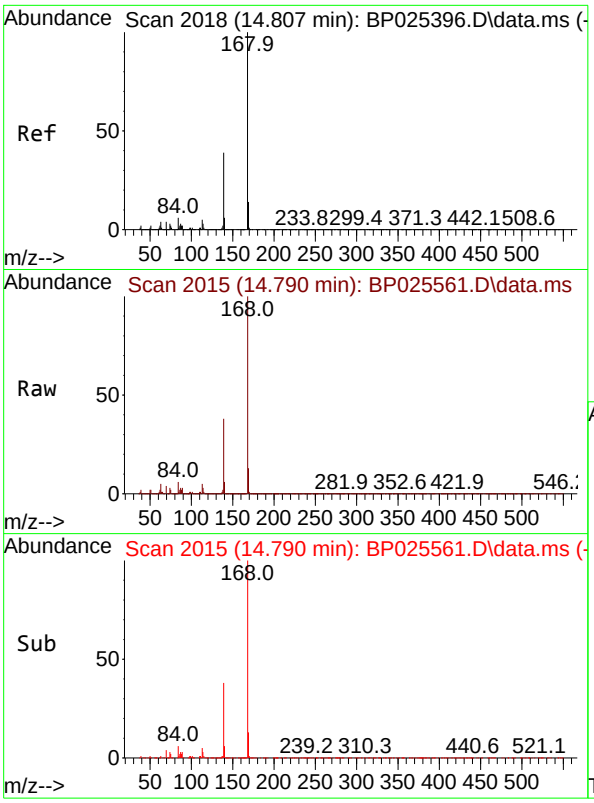


#54
2,4-Dinitrophenol
Concen: 53.348 ng
RT: 14.495 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



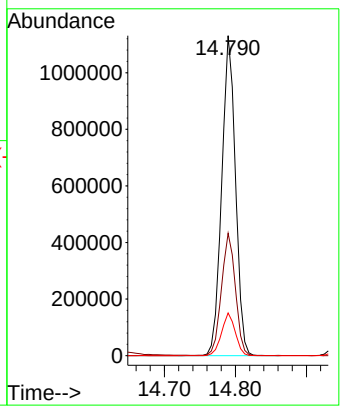


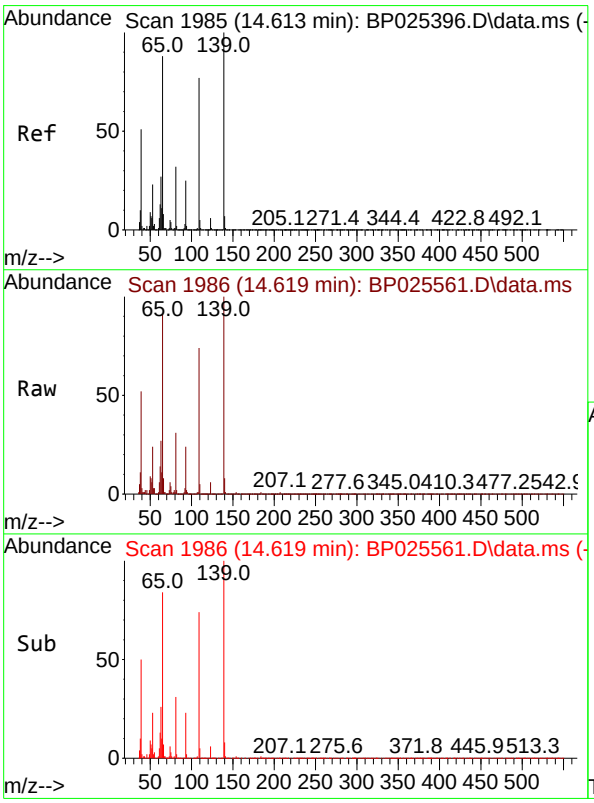
#55
Dibenzofuran
Concen: 39.493 ng
RT: 14.790 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

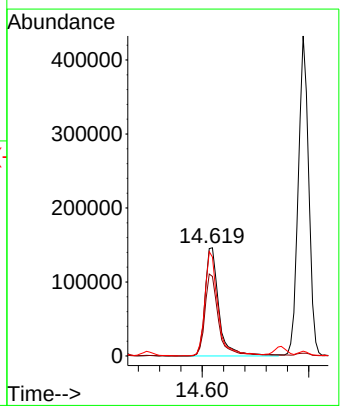


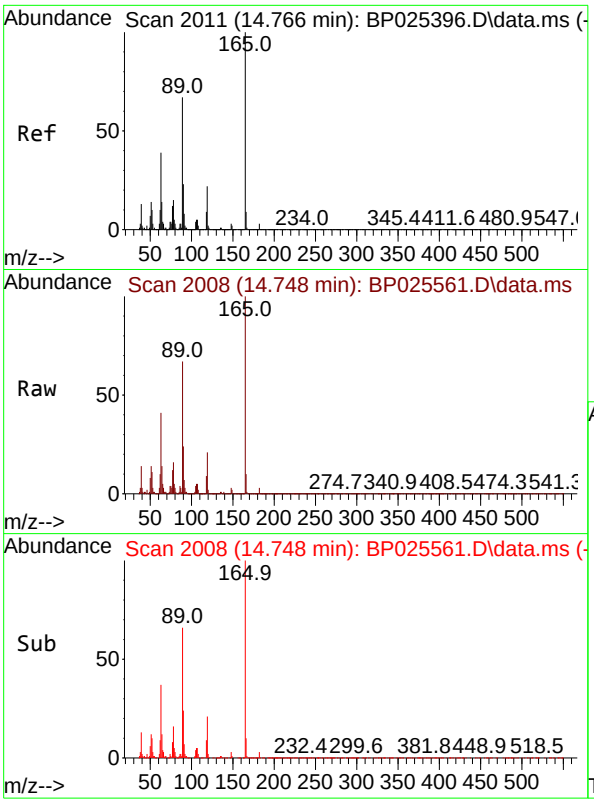


#56
4-Nitrophenol
Concen: 41.685 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



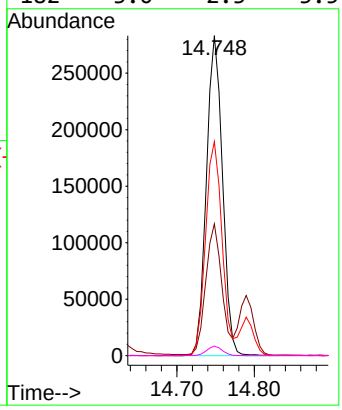


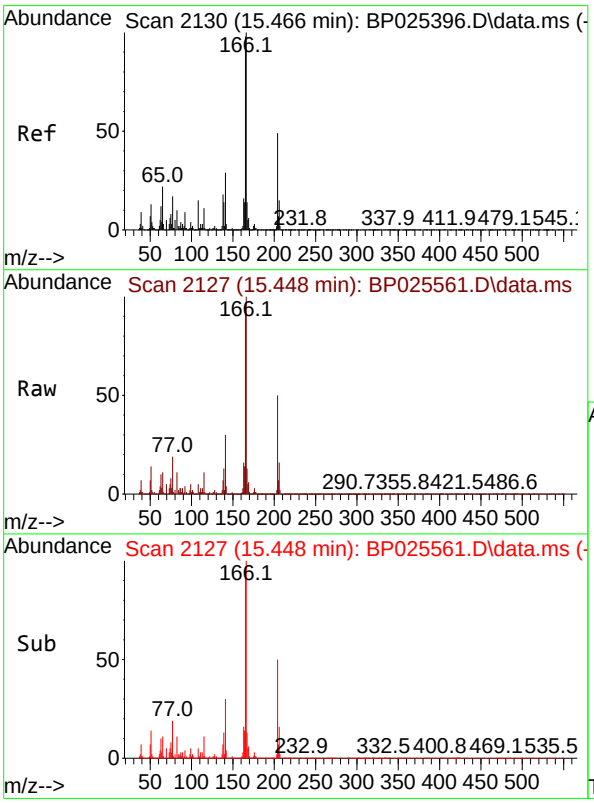
#57
2,4-Dinitrotoluene
Concen: 41.902 ng
RT: 14.748 min Scan# 2(
Delta R.T. -0.018 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

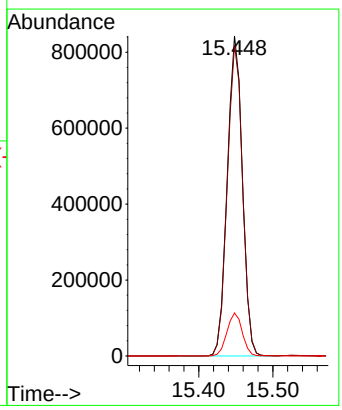


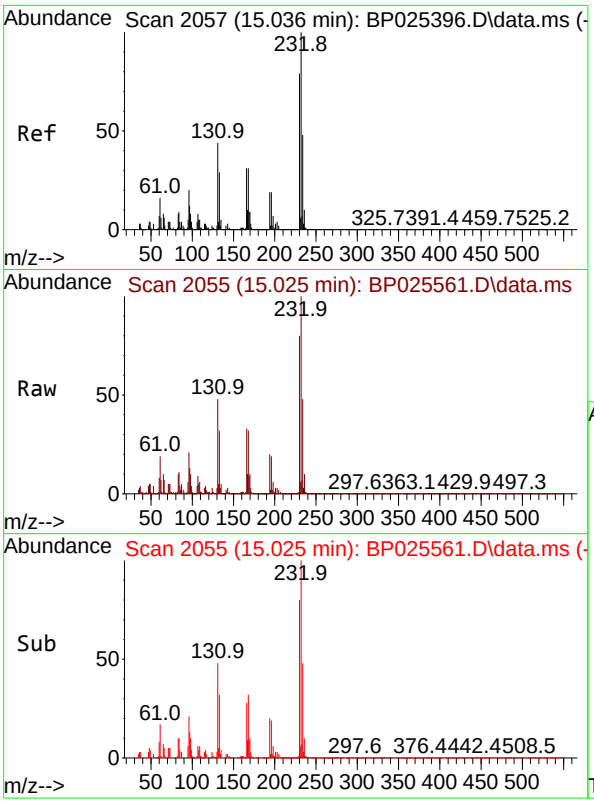


#58
Fluorene
Concen: 39.508 ng
RT: 15.448 min Scan# 2127
Delta R.T. -0.018 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



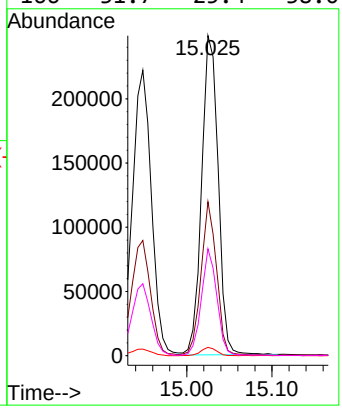


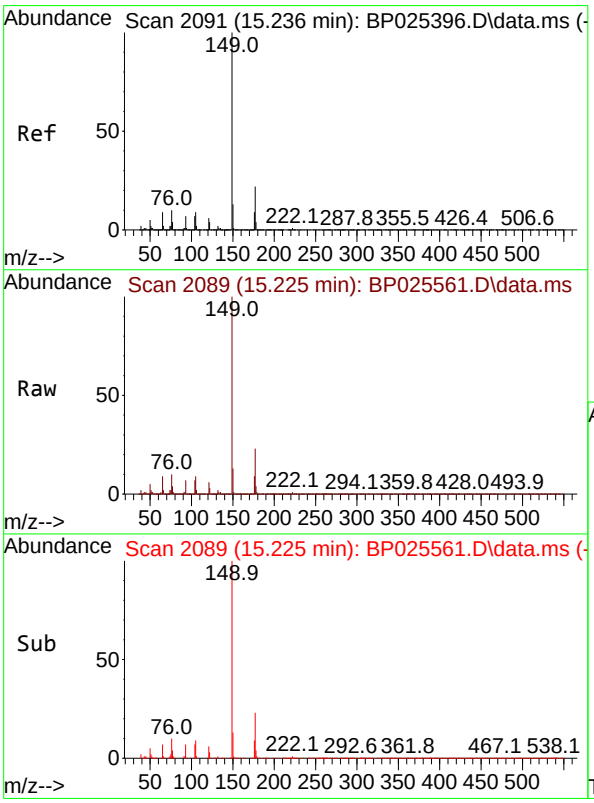
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.260 ng
RT: 15.025 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

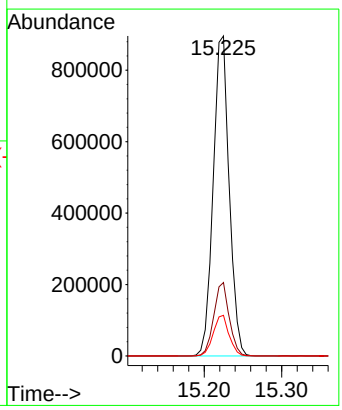


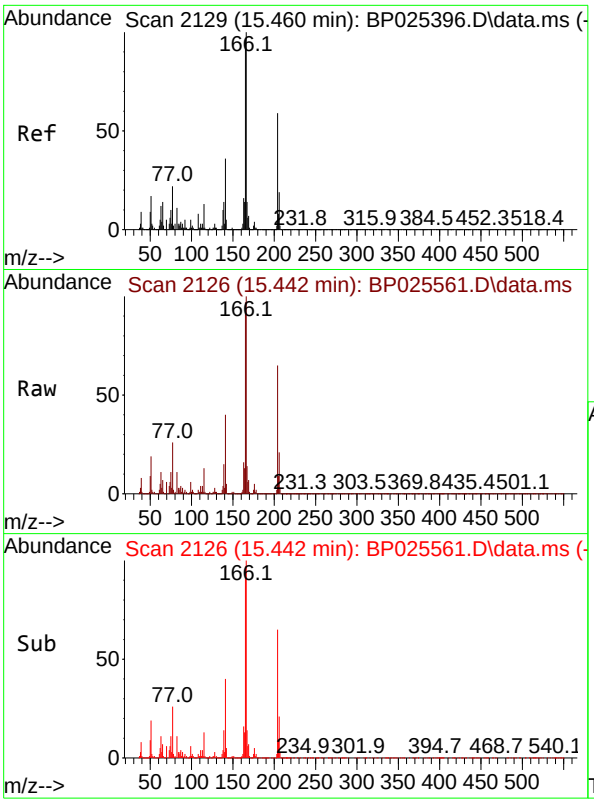


#60
Diethylphthalate
Concen: 38.998 ng
RT: 15.225 min Scan# 2089
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



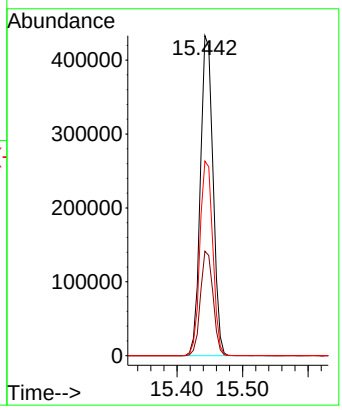


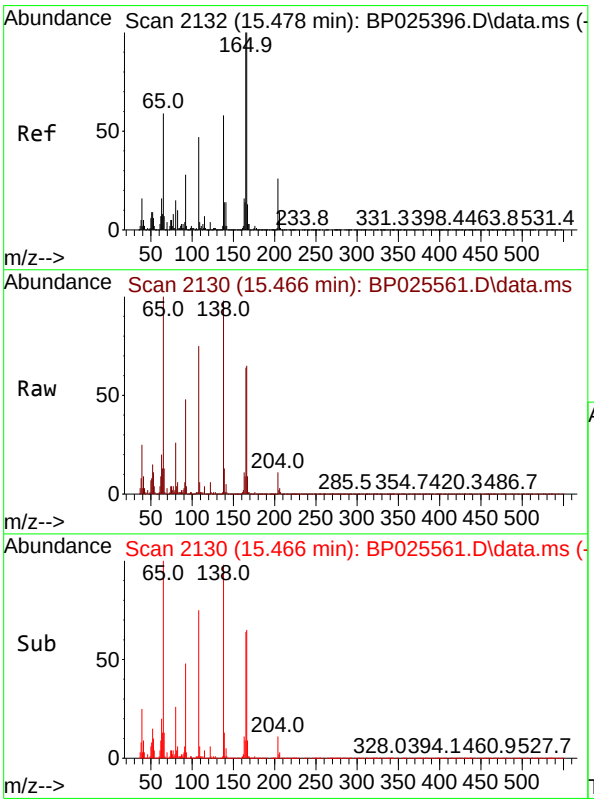
#61
4-Chlorophenyl-phenylether
Concen: 38.676 ng
RT: 15.442 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

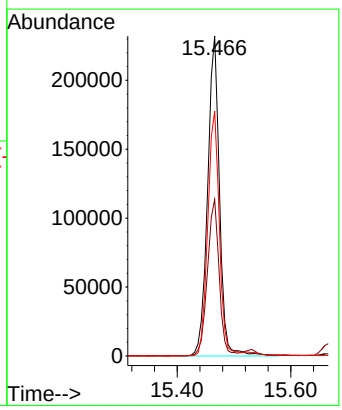


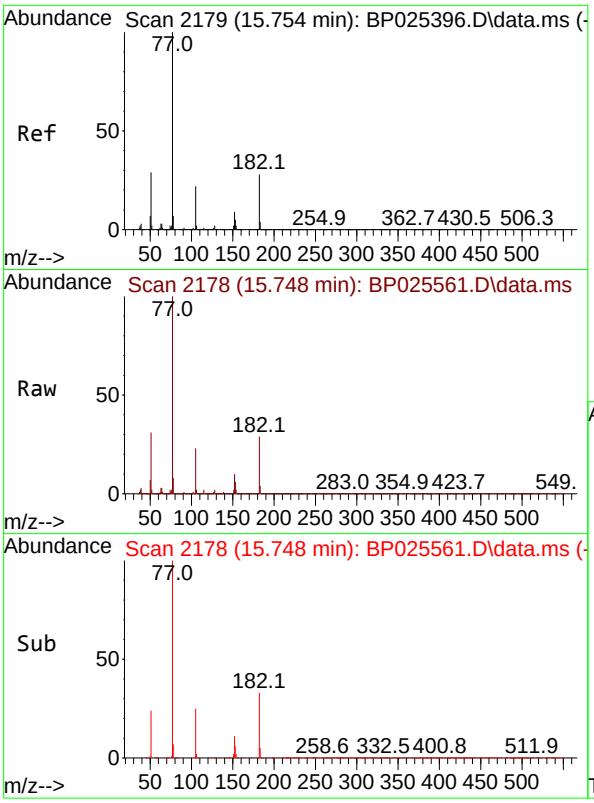


#62
4-Nitroaniline
Concen: 42.695 ng
RT: 15.466 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



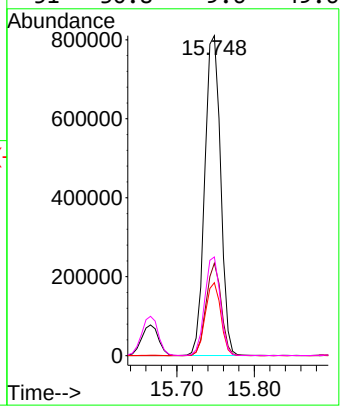


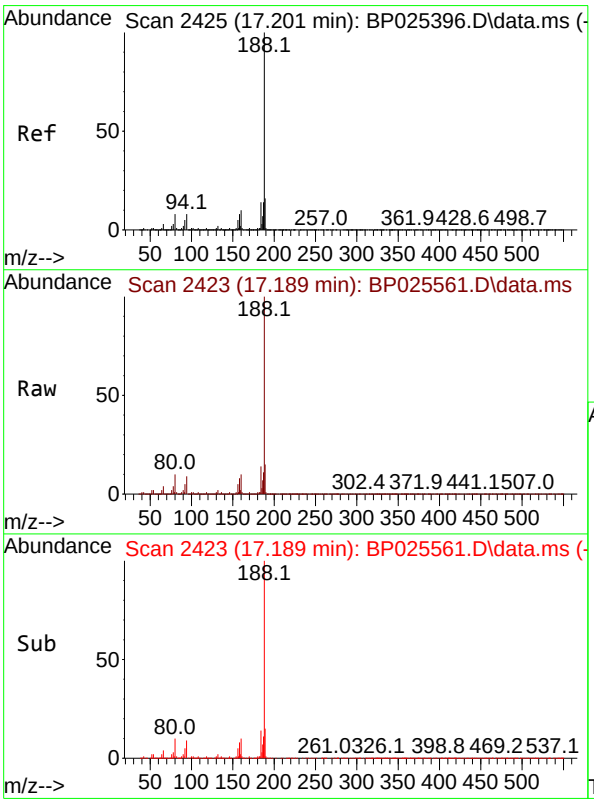
#63
Azobenzene
Concen: 40.672 ng
RT: 15.748 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

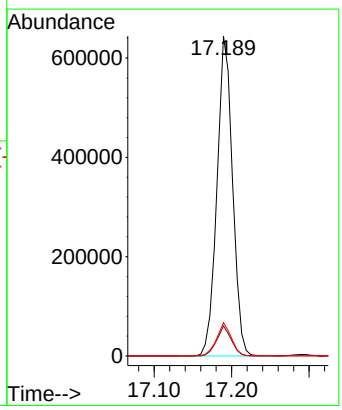


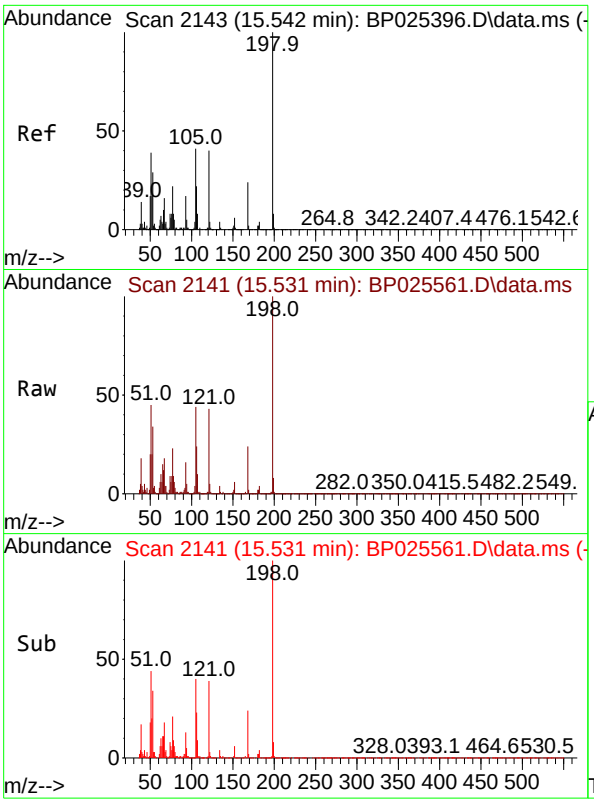


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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#



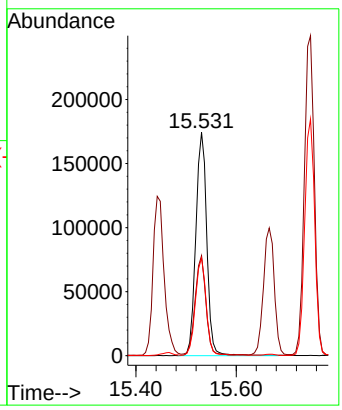


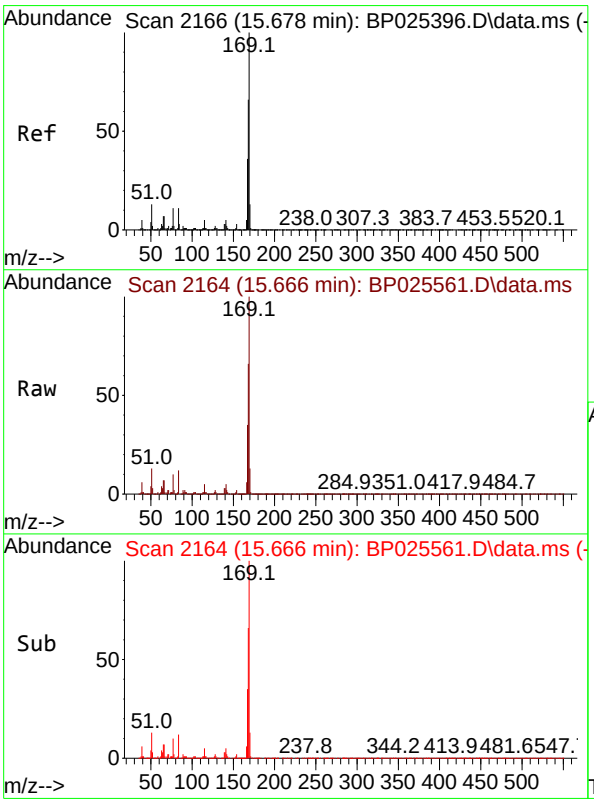
#65
4,6-Dinitro-2-methylphenol
Concen: 47.015 ng
RT: 15.531 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

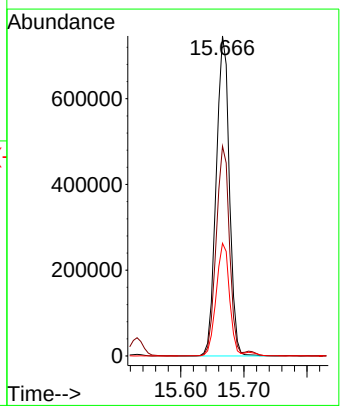


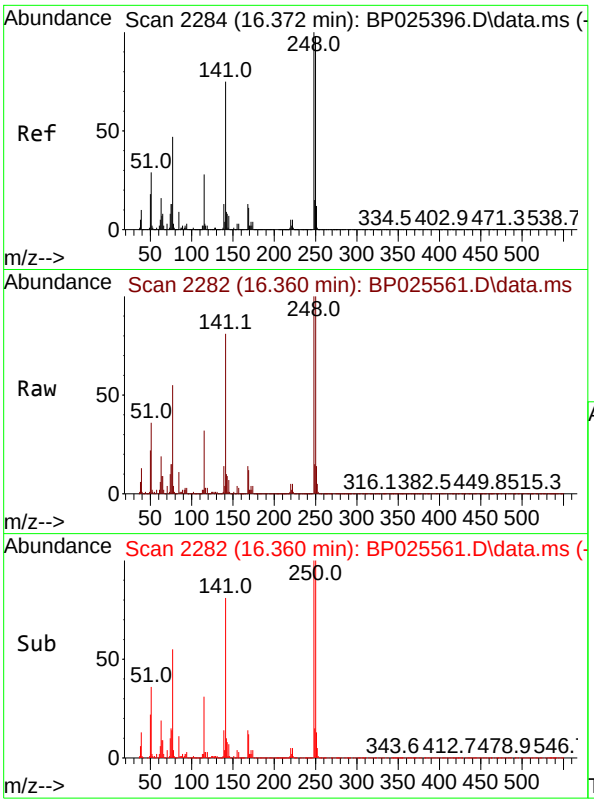


#66
n-Nitrosodiphenylamine
Concen: 39.425 ng
RT: 15.666 min Scan# 2164
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



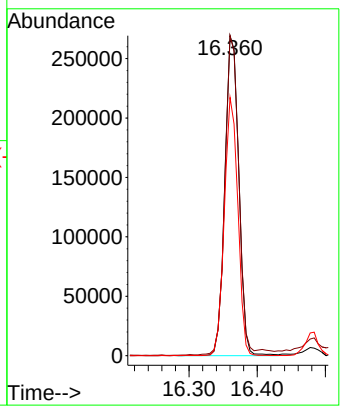


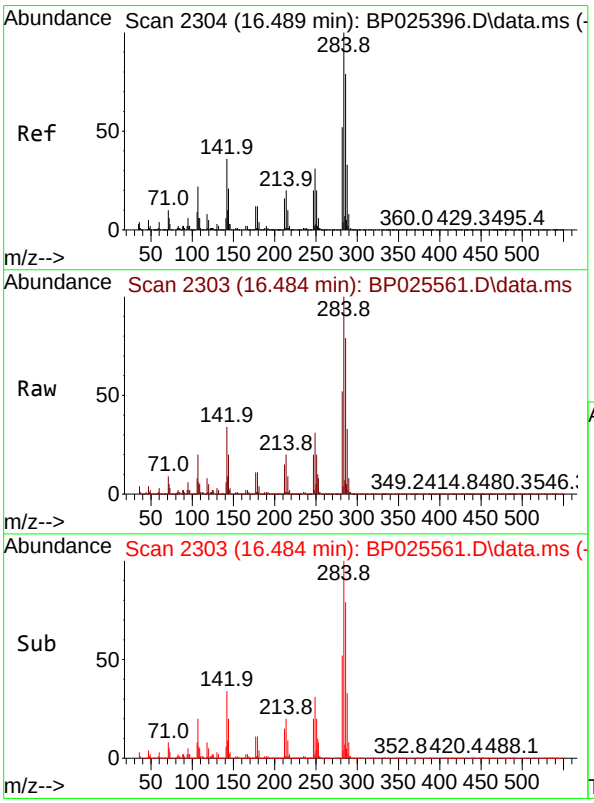
#67
4-Bromophenyl-phenylether
Concen: 38.696 ng
RT: 16.360 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

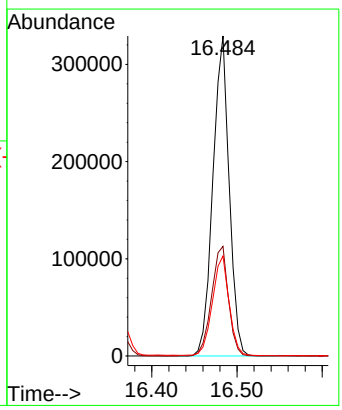


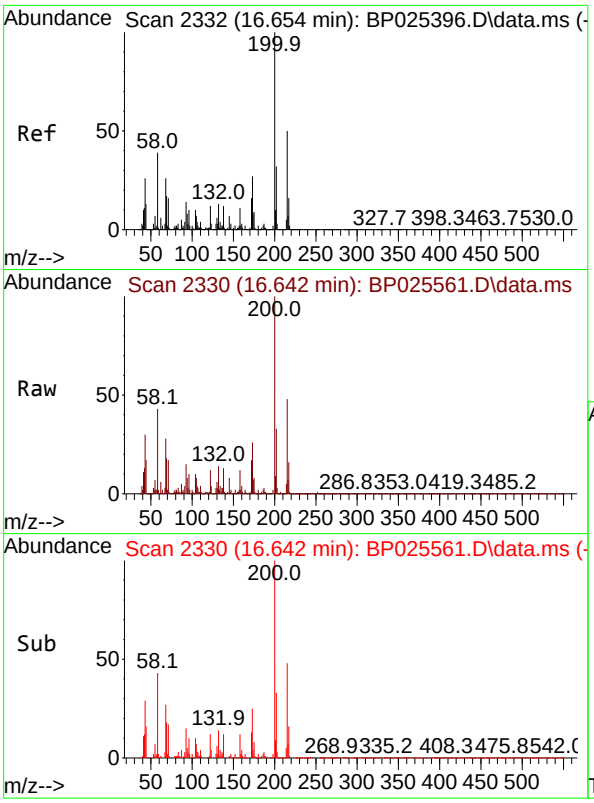


#68
Hexachlorobenzene
Concen: 38.094 ng
RT: 16.484 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



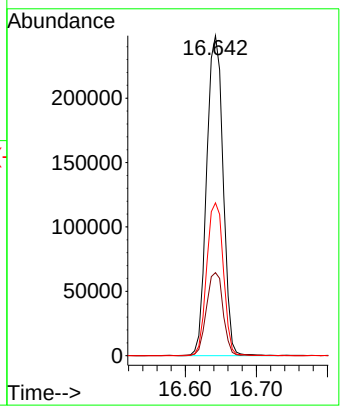


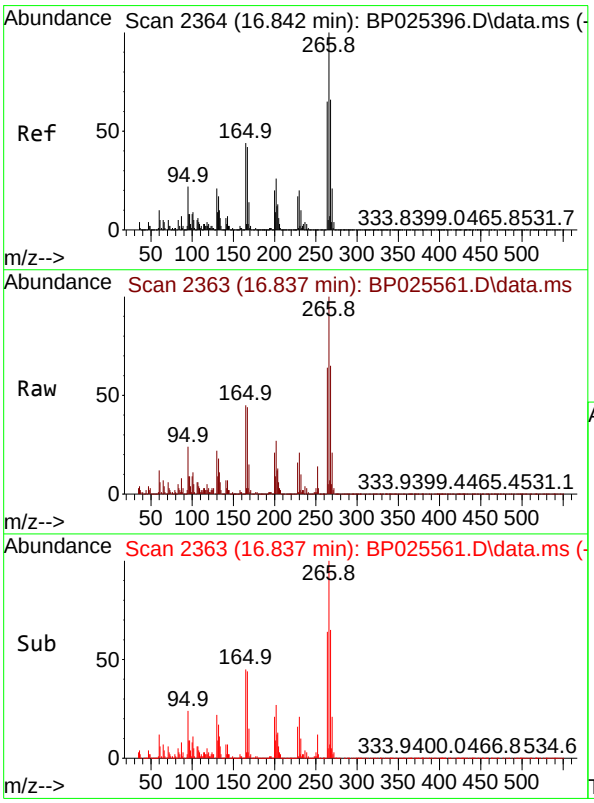
#69
Atrazine
Concen: 38.790 ng
RT: 16.642 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

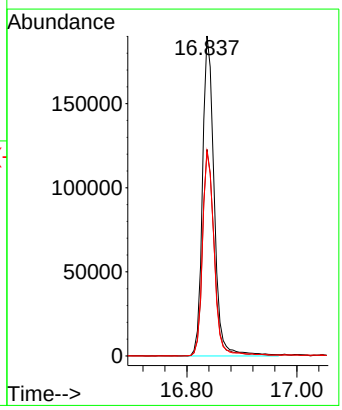


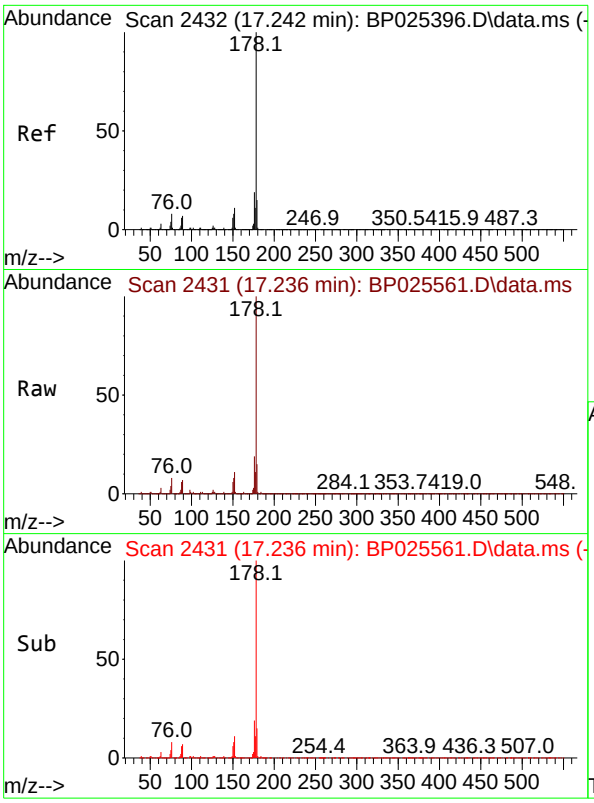


#70
Pentachlorophenol
Concen: 38.776 ng
RT: 16.837 min Scan# 2363
Delta R.T. -0.006 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



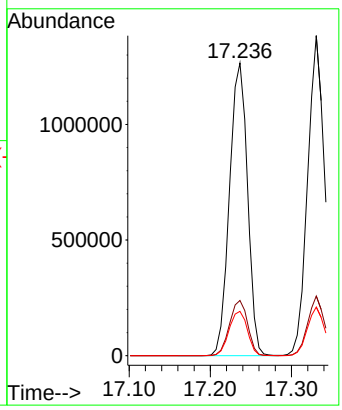


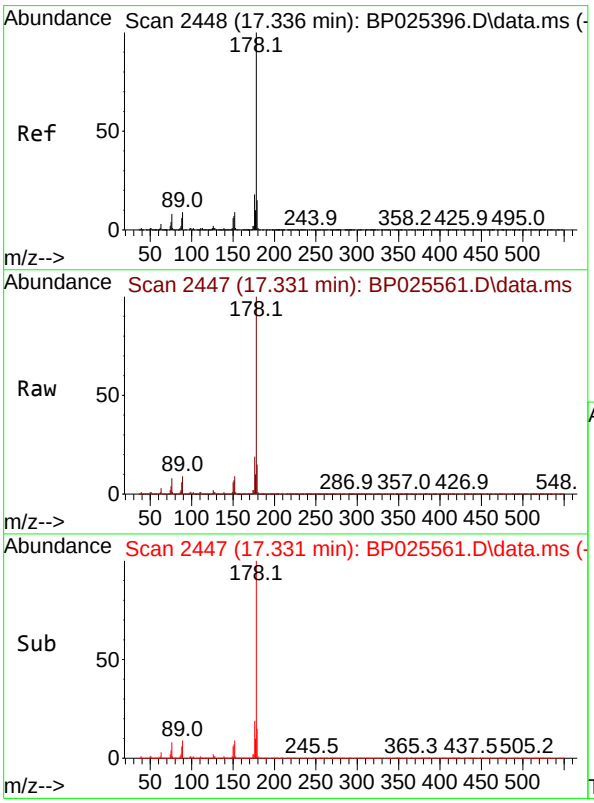
#71
Phenanthrene
Concen: 39.424 ng
RT: 17.236 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

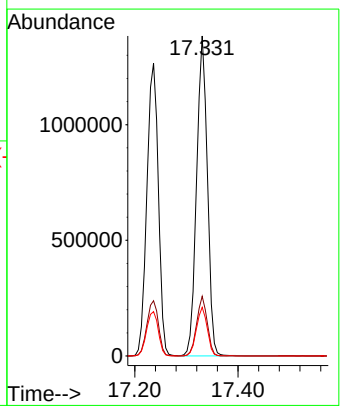


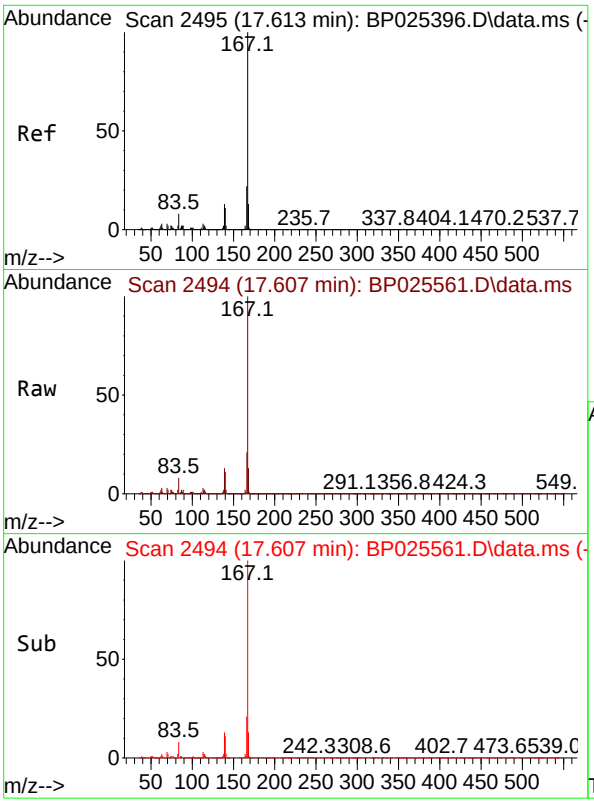


#72
Anthracene
Concen: 39.697 ng
RT: 17.331 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



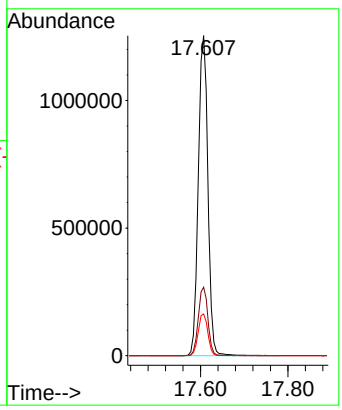


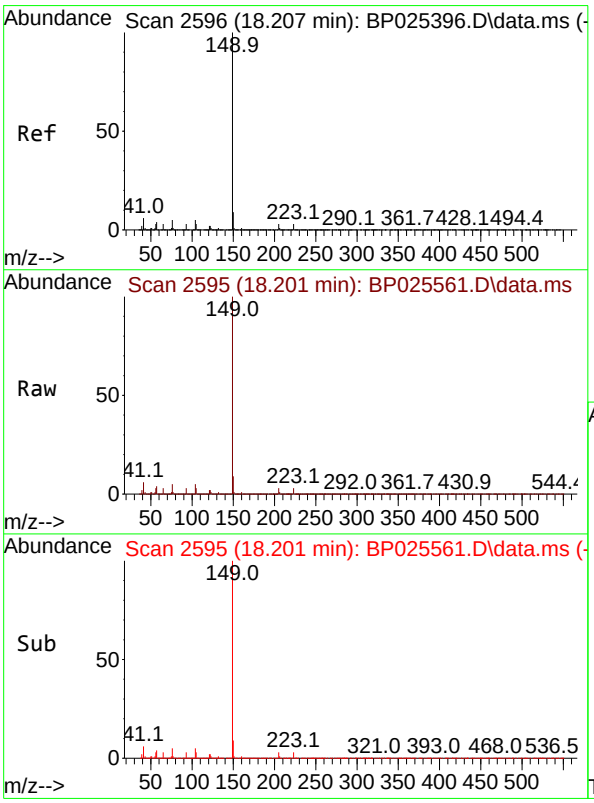
#73
Carbazole
Concen: 40.154 ng
RT: 17.607 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

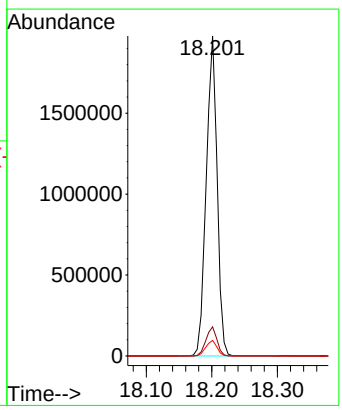


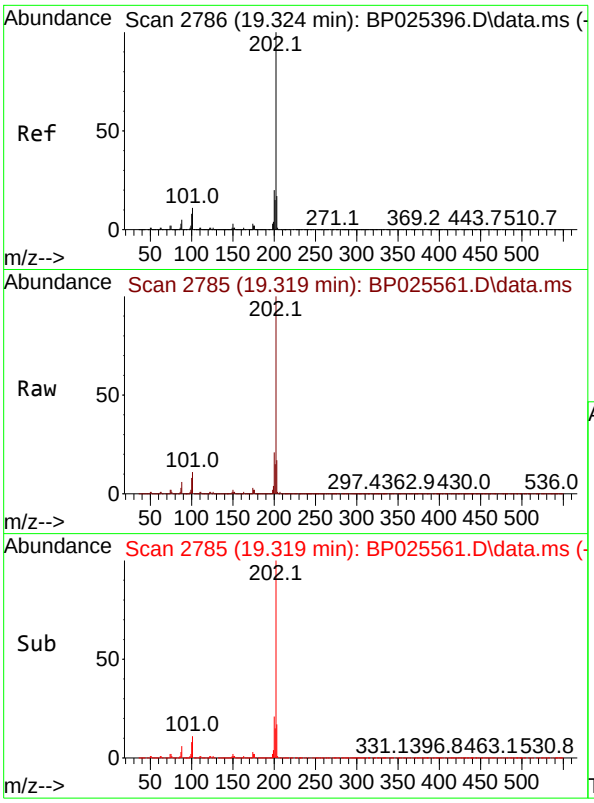


#74
Di-n-butylphthalate
Concen: 39.016 ng
RT: 18.201 min Scan# 2595
Delta R.T. -0.006 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



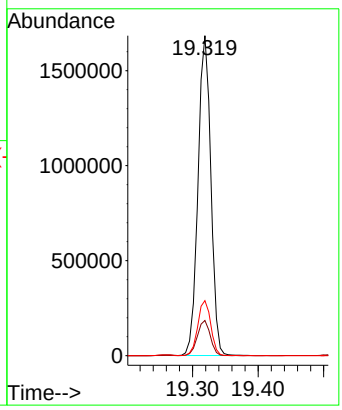


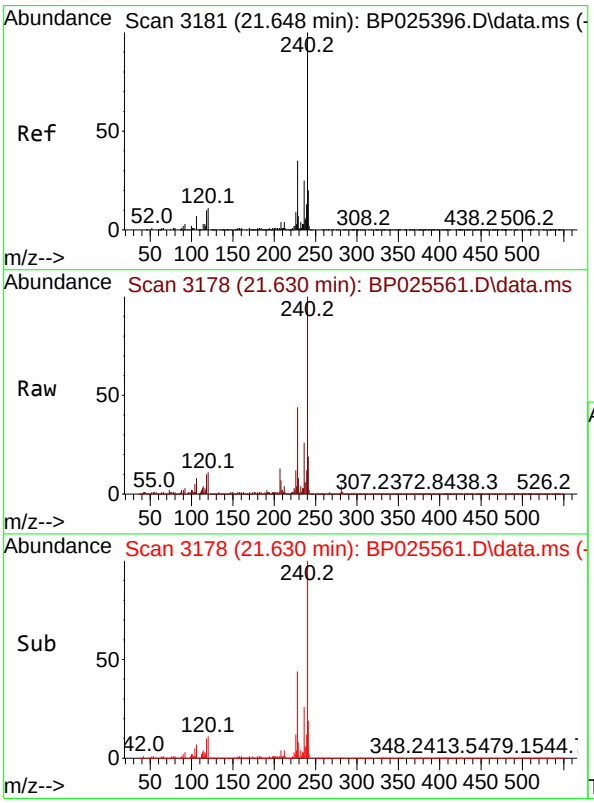
#75
Fluoranthene
Concen: 38.949 ng
RT: 19.319 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

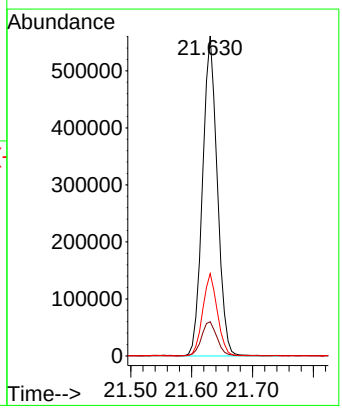


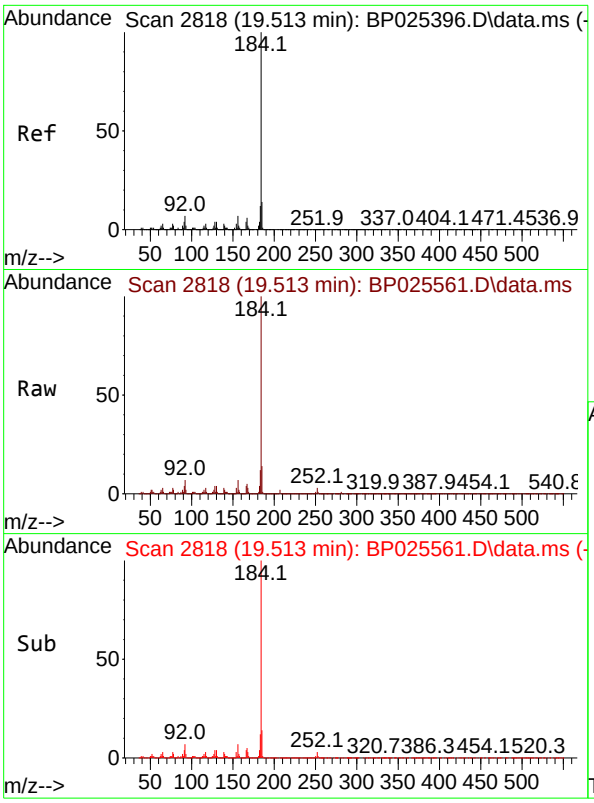


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.017 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



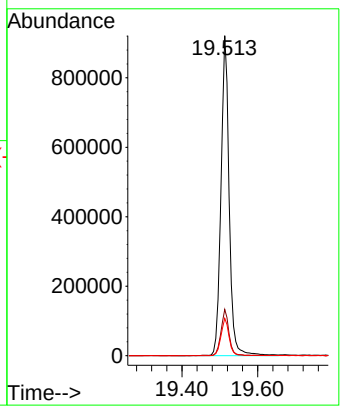


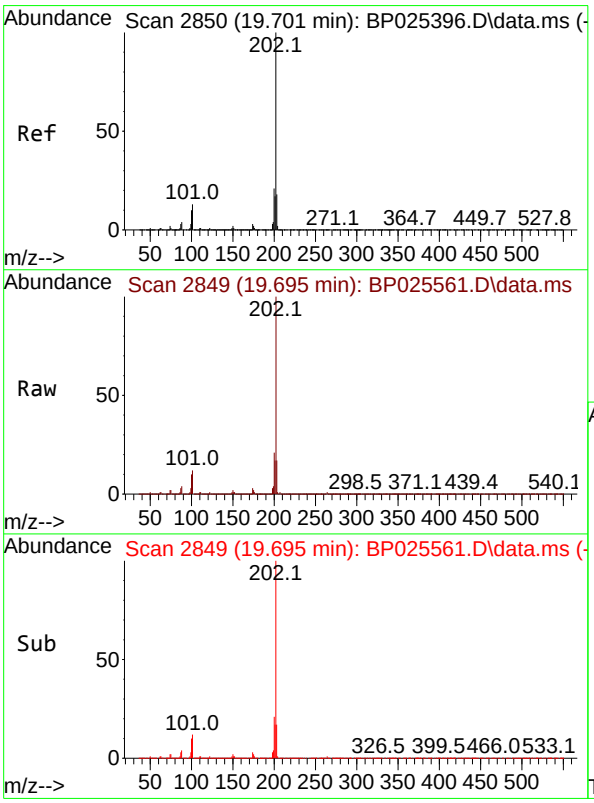
#77
Benzidine
Concen: 42.933 ng
RT: 19.513 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

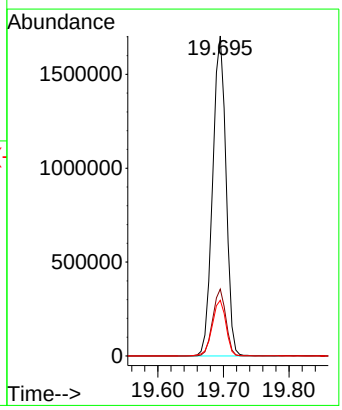


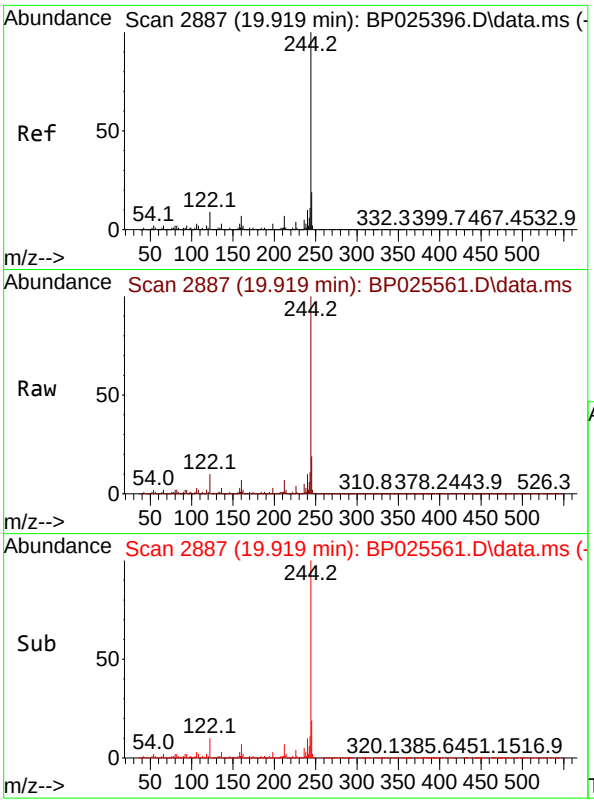


#78
Pyrene
Concen: 39.180 ng
RT: 19.695 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



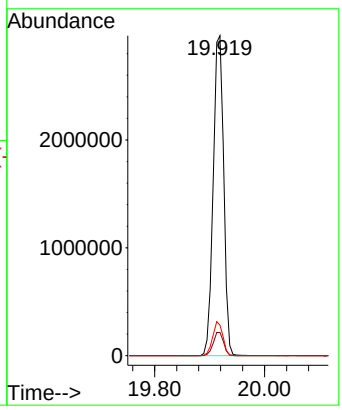


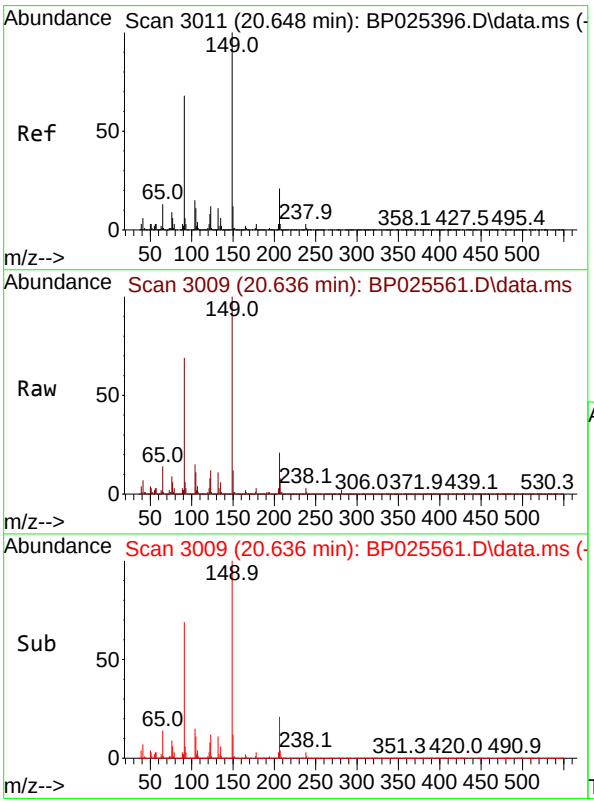
#79
Terphenyl-d14
Concen: 76.218 ng
RT: 19.919 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

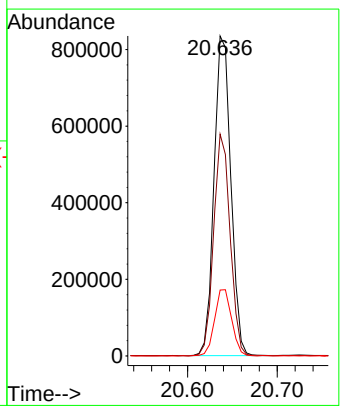


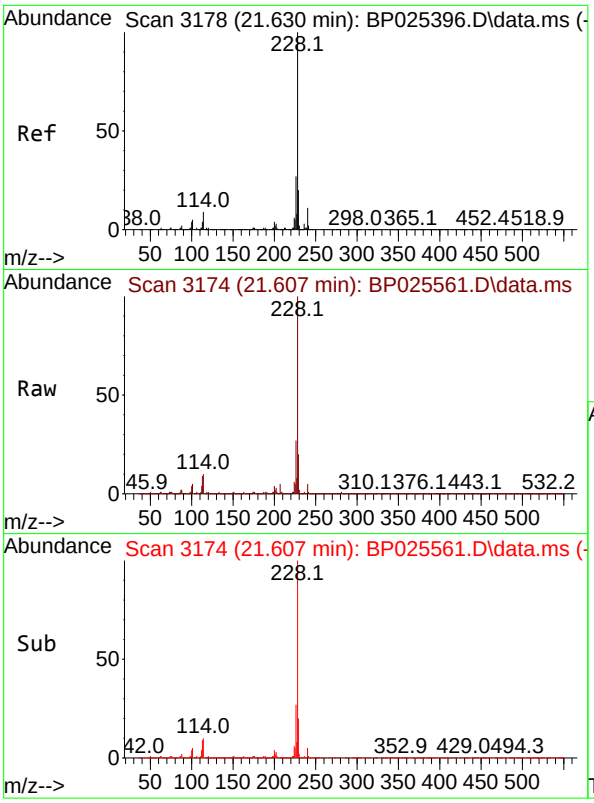


#80
Butylbenzylphthalate
Concen: 38.948 ng
RT: 20.636 min Scan# 3009
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



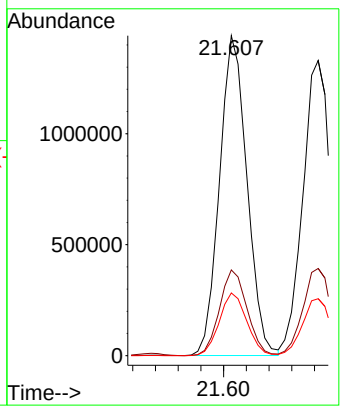


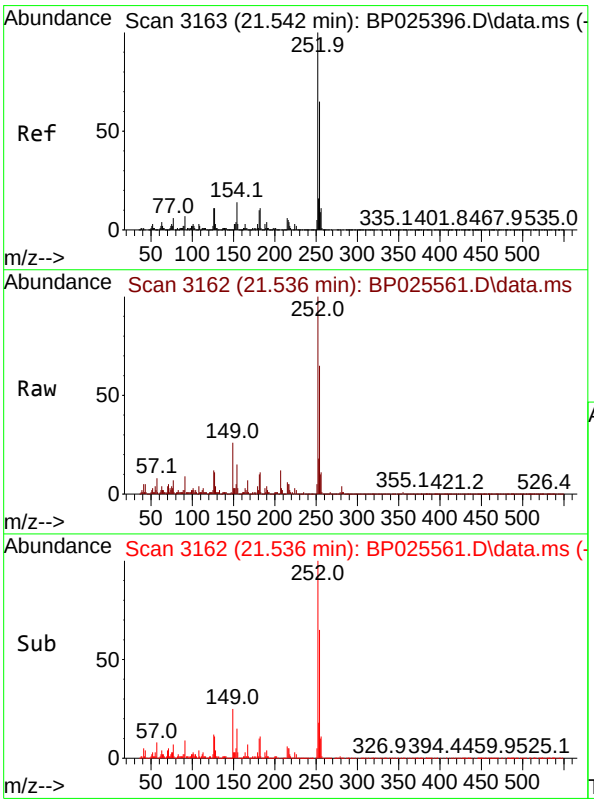
#81
Benzo(a)anthracene
Concen: 38.883 ng
RT: 21.607 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

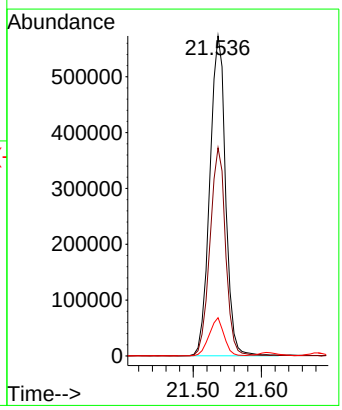


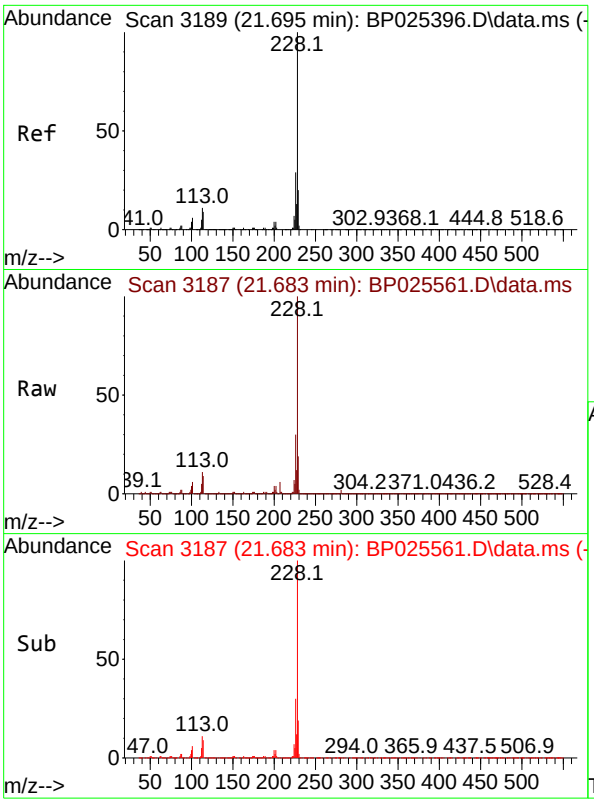


#82
3,3'-Dichlorobenzidine
Concen: 39.214 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.006 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



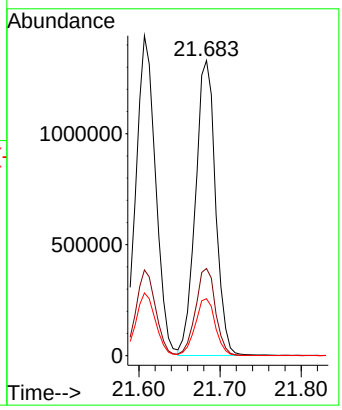


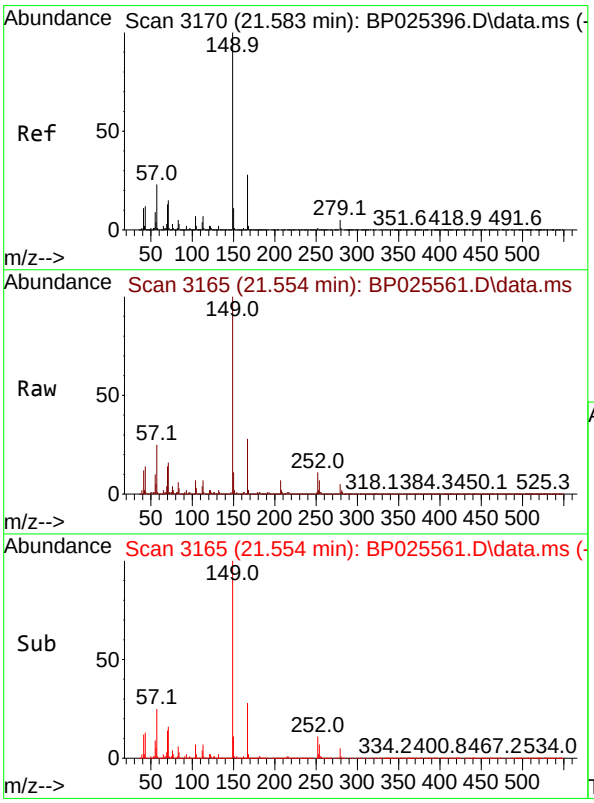
#83
Chrysene
Concen: 39.030 ng
RT: 21.683 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

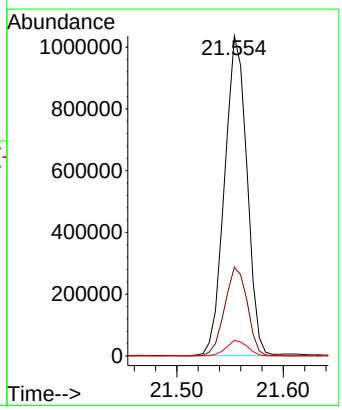


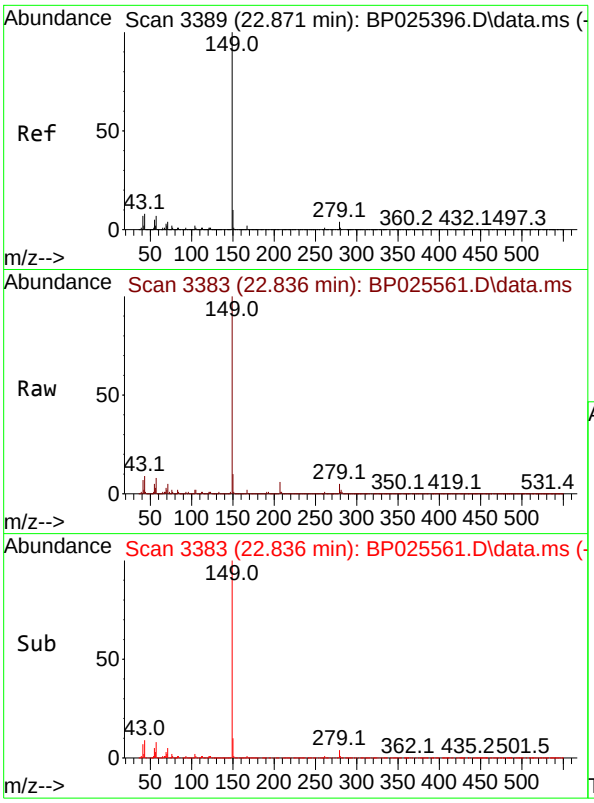


#84
Bis(2-ethylhexyl)phthalate
Concen: 36.870 ng
RT: 21.554 min Scan# 3165
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



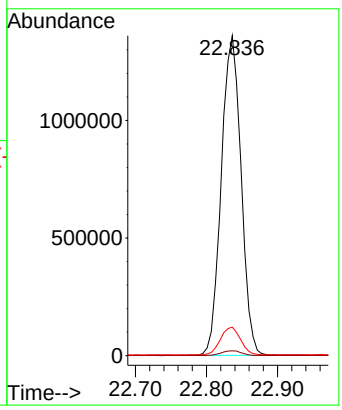


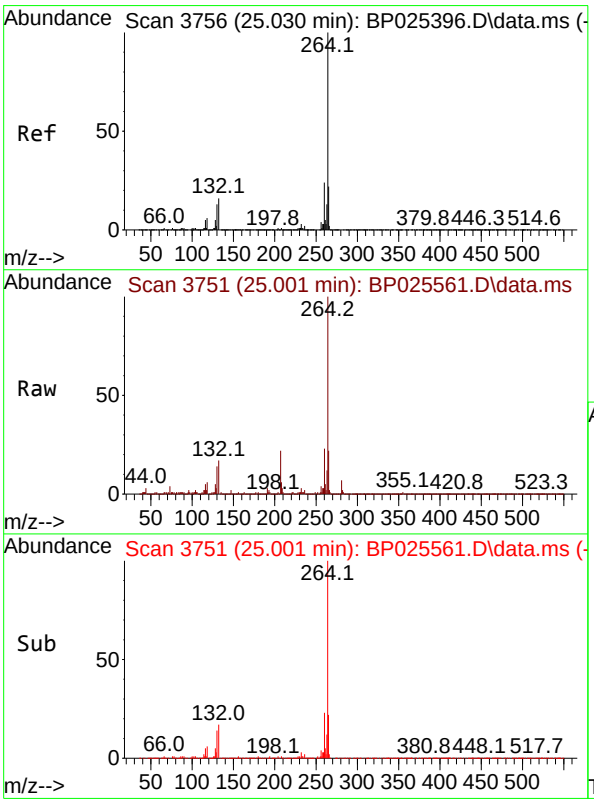
#85
Di-n-octyl phthalate
Concen: 37.221 ng
RT: 22.836 min Scan# 3
Delta R.T. -0.035 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

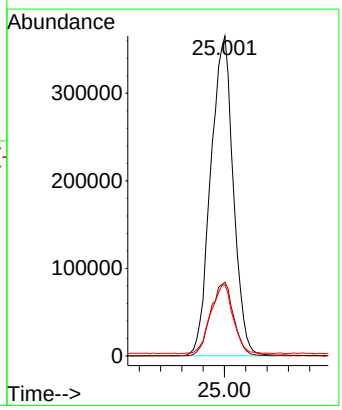


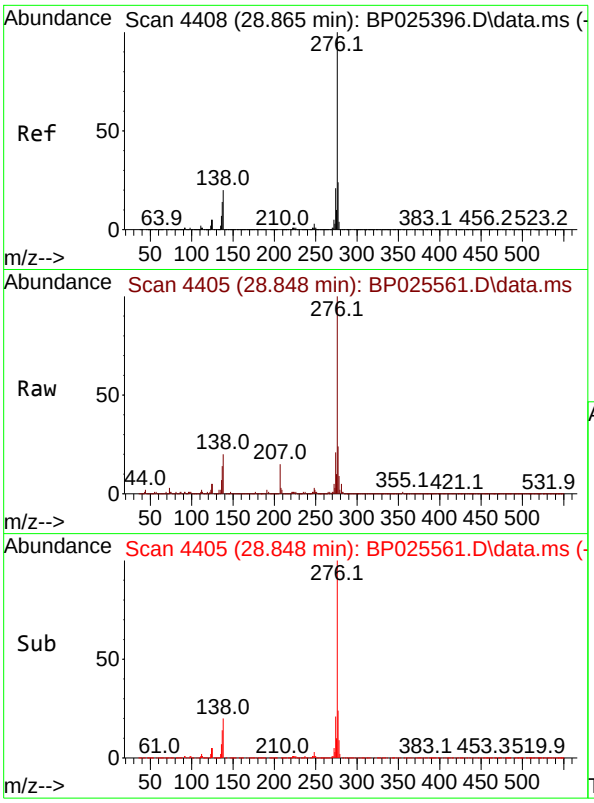


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3751
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



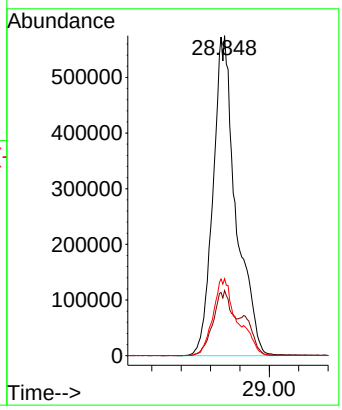


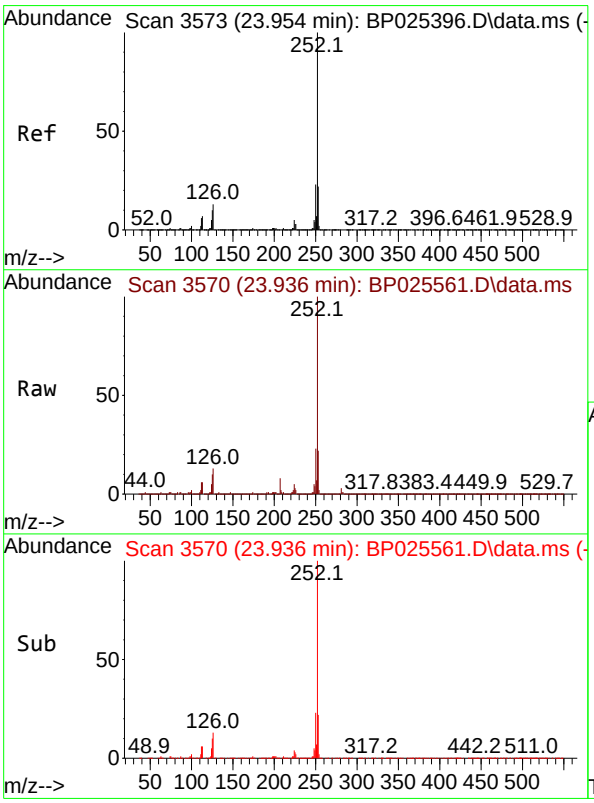
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.583 ng
RT: 28.848 min Scan# 44
Delta R.T. -0.017 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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#

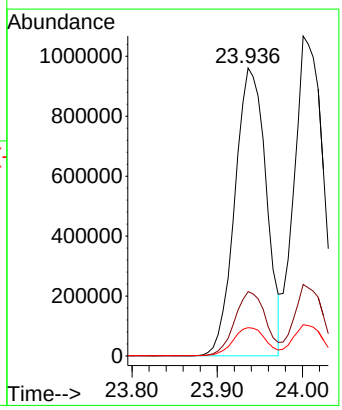


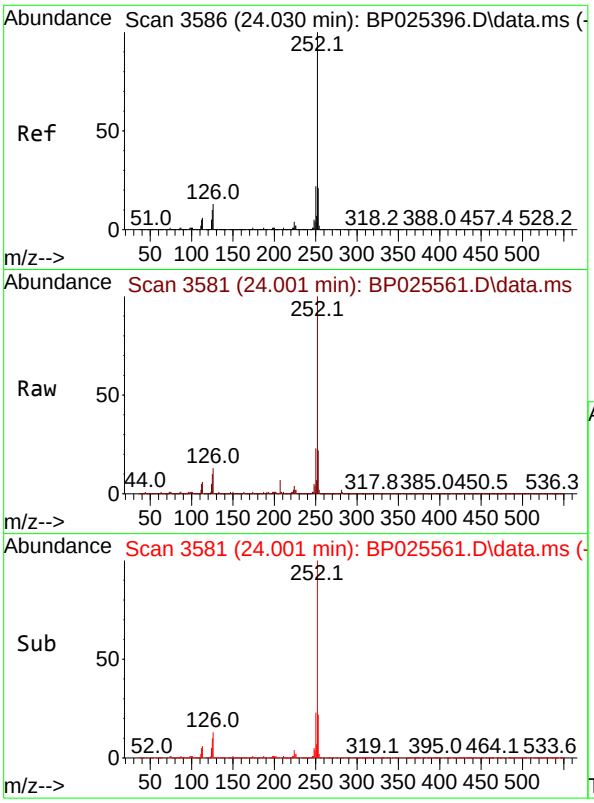


#88
Benzo(b)fluoranthene
Concen: 38.787 ng
RT: 23.936 min Scan# 3570
Delta R.T. -0.017 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



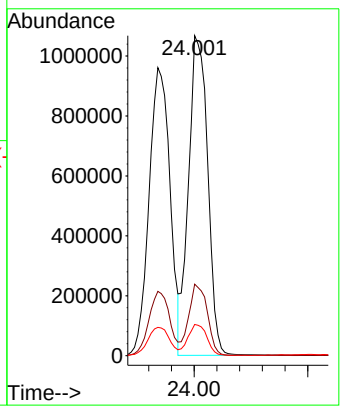


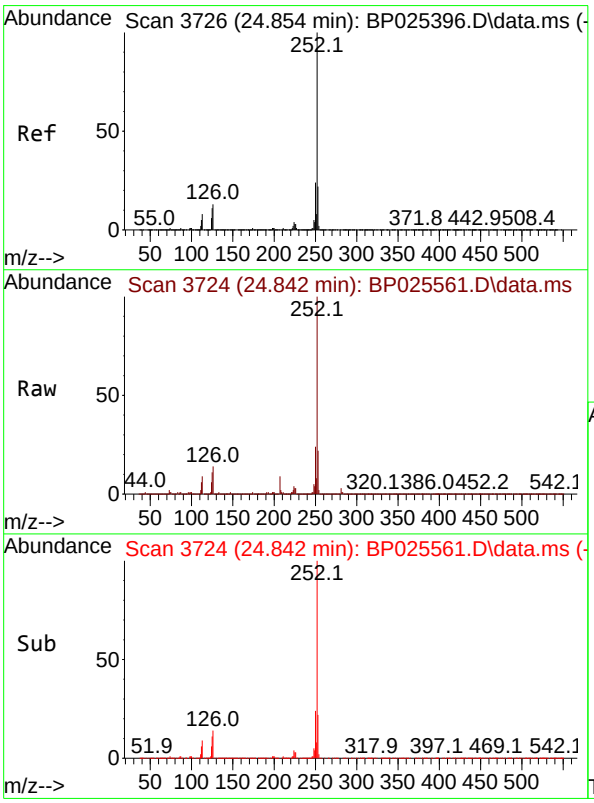
#89
Benzo(k)fluoranthene
Concen: 39.543 ng
RT: 24.001 min Scan# 3
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

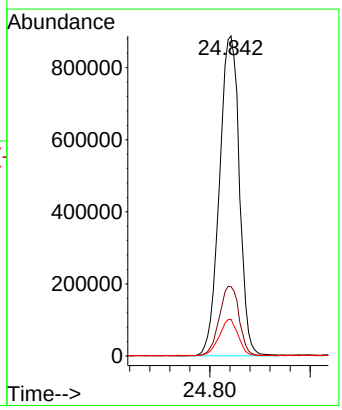


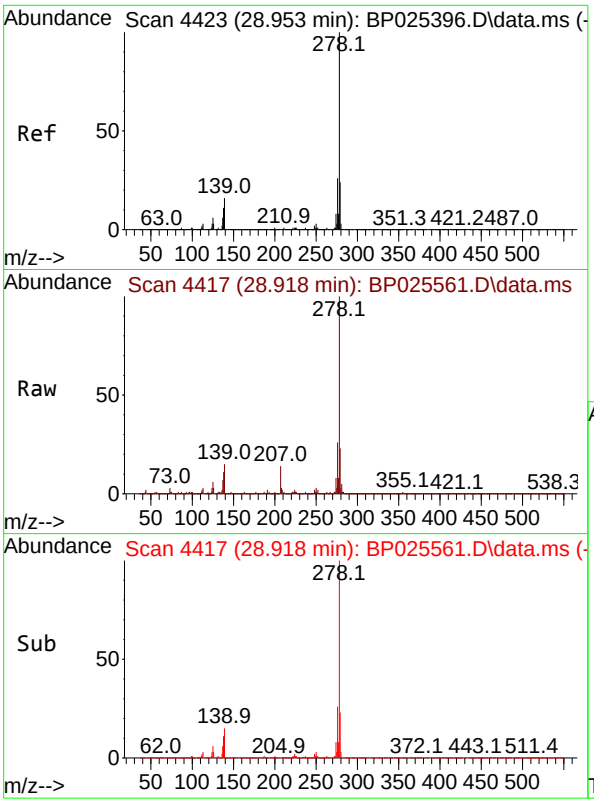


#90
Benzo(a)pyrene
Concen: 39.726 ng
RT: 24.842 min Scan# 3724
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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



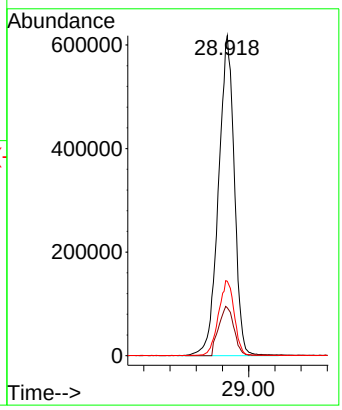


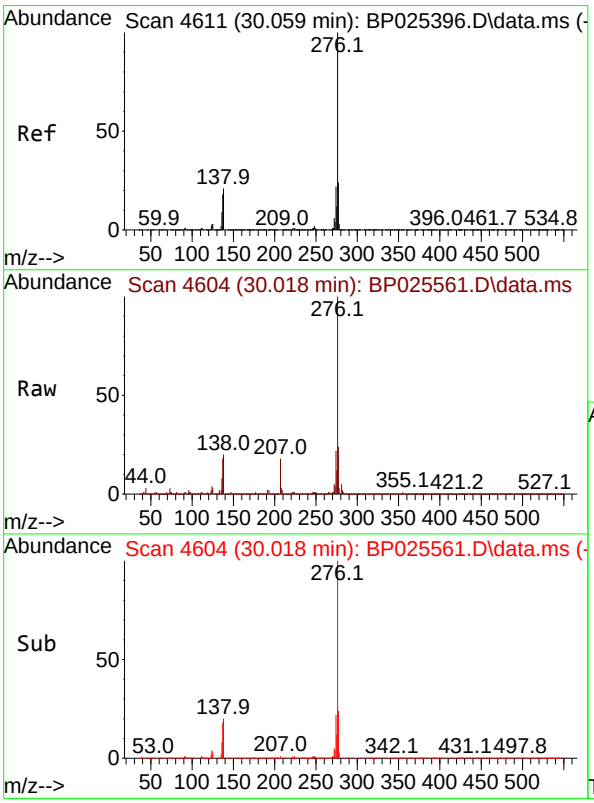
#91
Dibenzo(a,h)anthracene
Concen: 40.154 ng
RT: 28.918 min Scan# 44
Delta R.T. -0.035 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

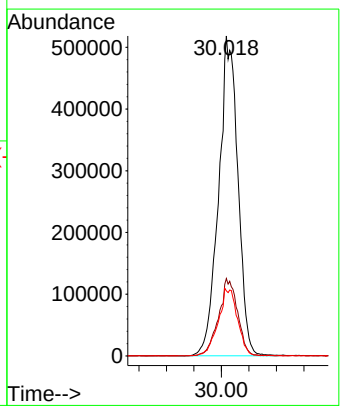




#92
Benzo(g,h,i)perylene
Concen: 39.848 ng
RT: 30.018 min Scan# 4604
Delta R.T. -0.041 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

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

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: AECO02

Lab Code: ACE SDG No.: Q2924

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	

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: AECO02

Lab Code: ACE SDG No.: Q2924

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

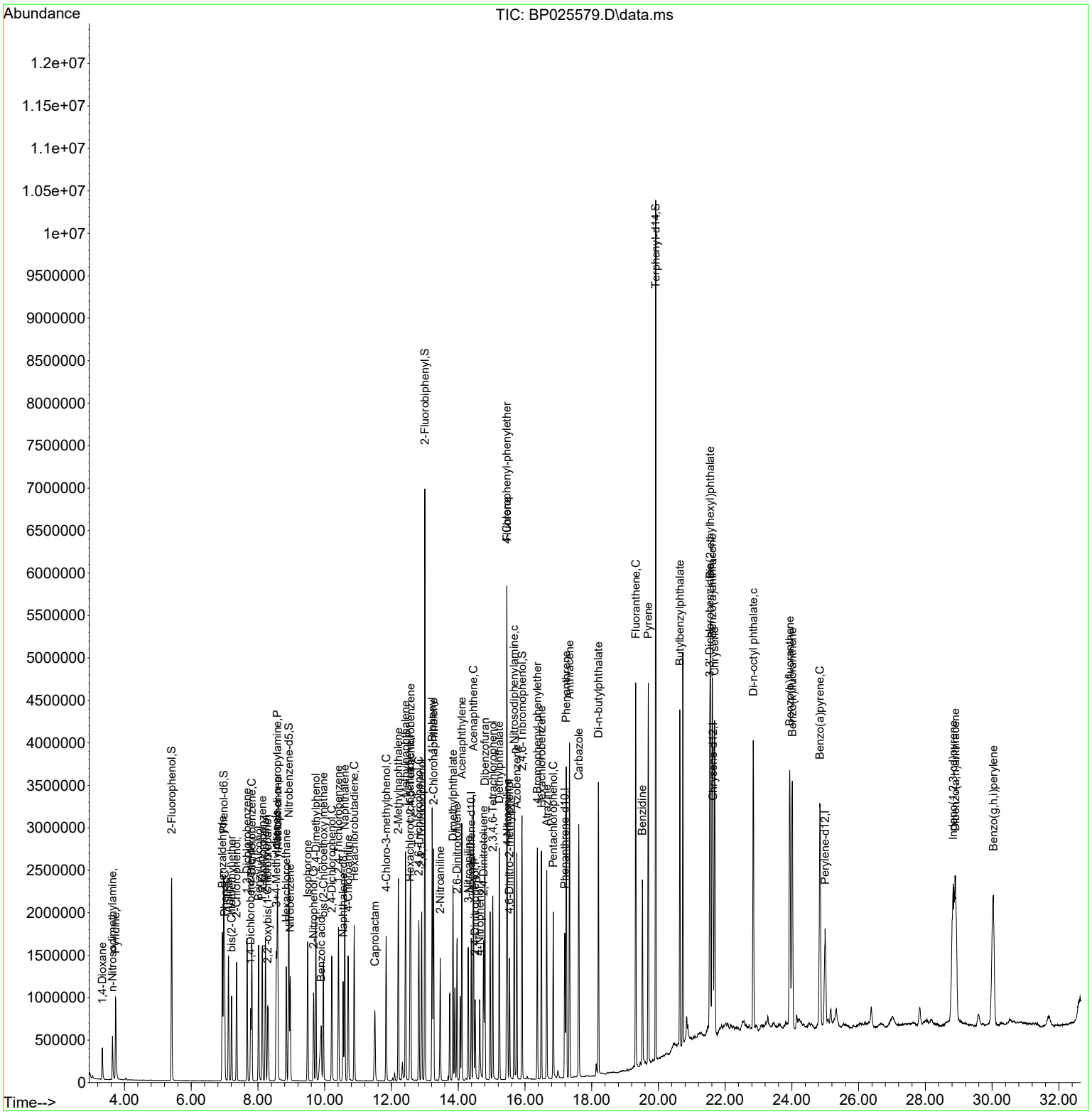
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.907	196	520069	42.543	ng	96
46) 1,1'-Biphenyl	13.219	154	1676486	40.352	ng	98
47) 2-Chloronaphthalene	13.260	162	1310530	40.519	ng	99
48) 2-Nitroaniline	13.460	65	402633	42.723	ng	99
49) Acenaphthylene	14.107	152	2156400	40.292	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

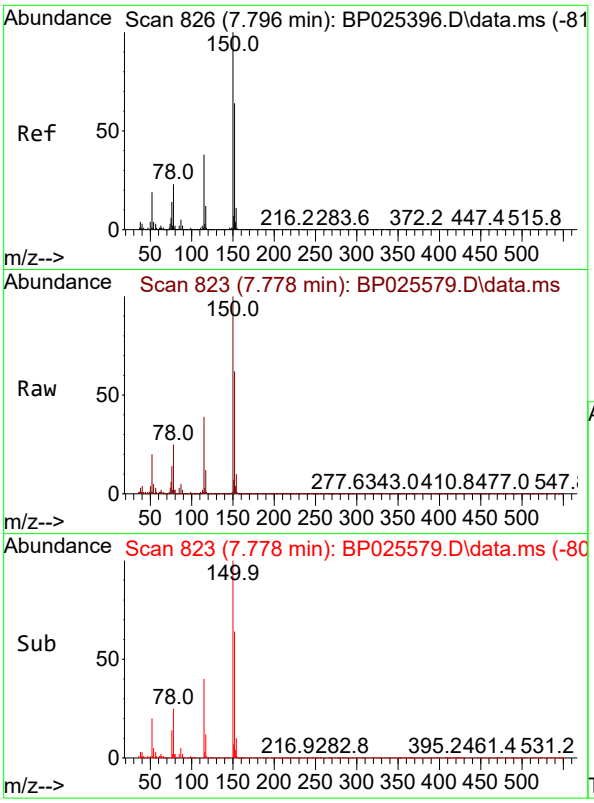
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



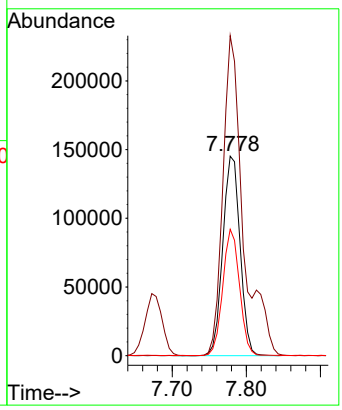


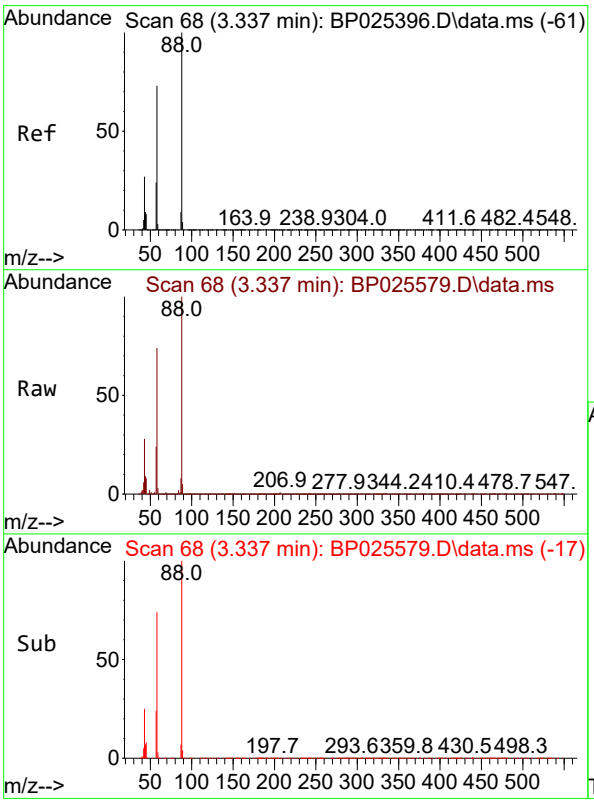
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

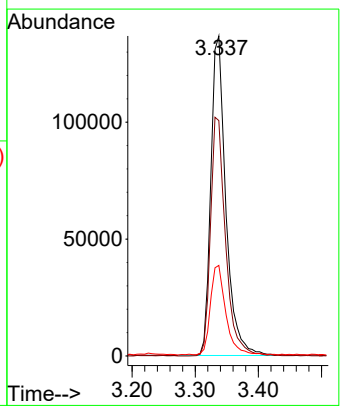


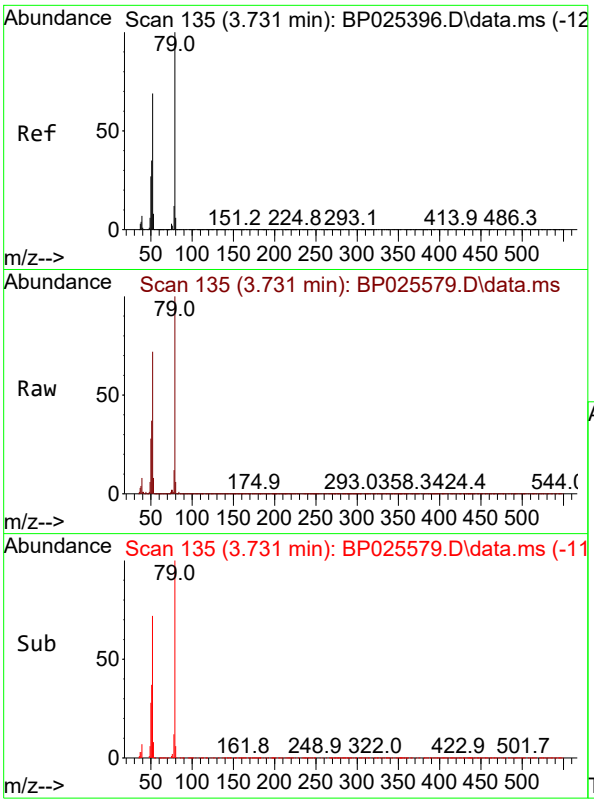


#2
1,4-Dioxane
Concen: 40.557 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



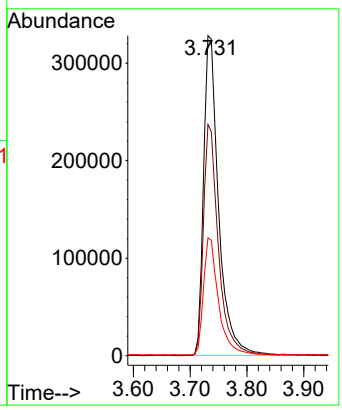


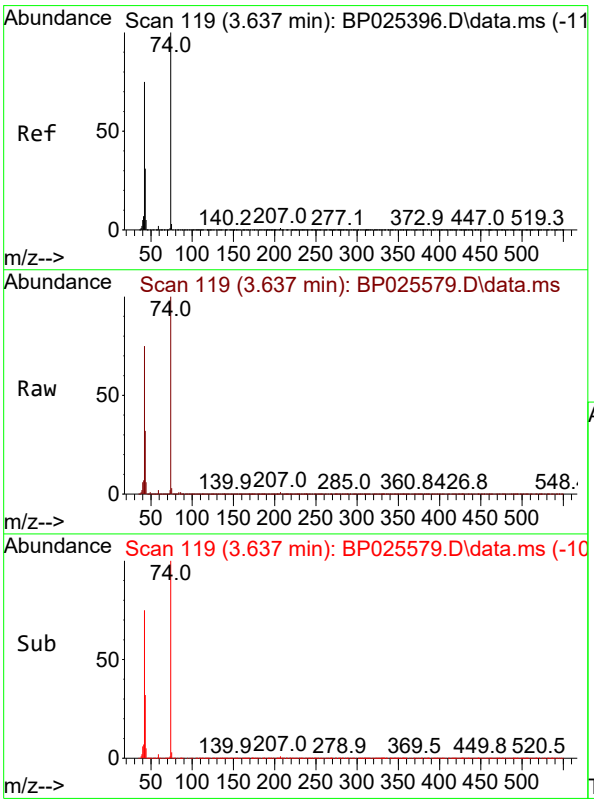
#3
Pyridine
Concen: 39.701 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

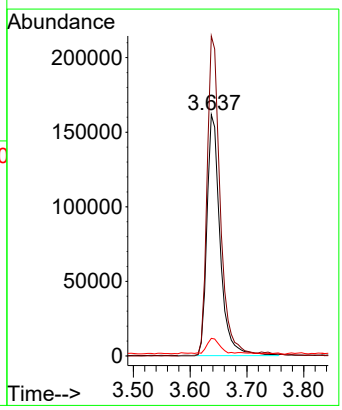


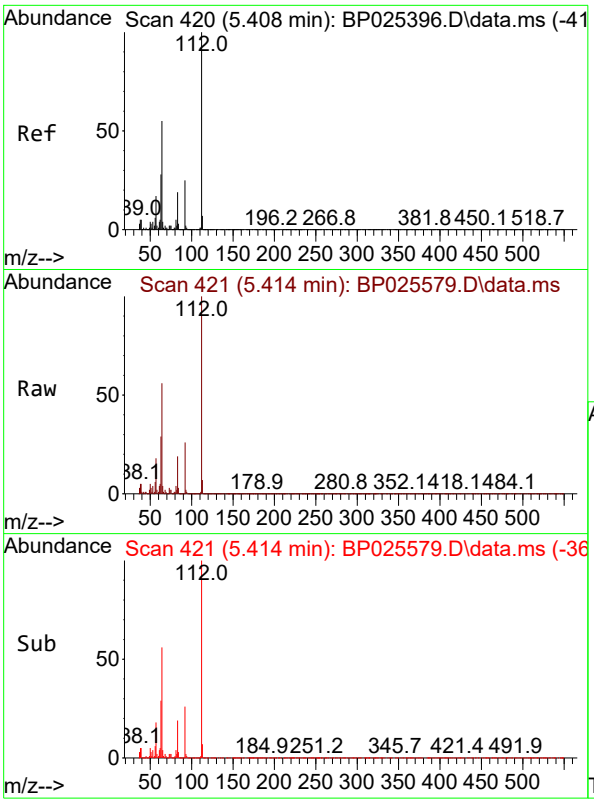


#4
n-Nitrosodimethylamine
Concen: 41.218 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



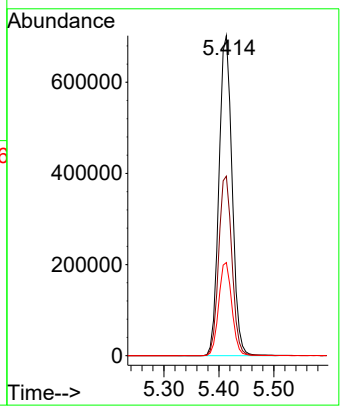


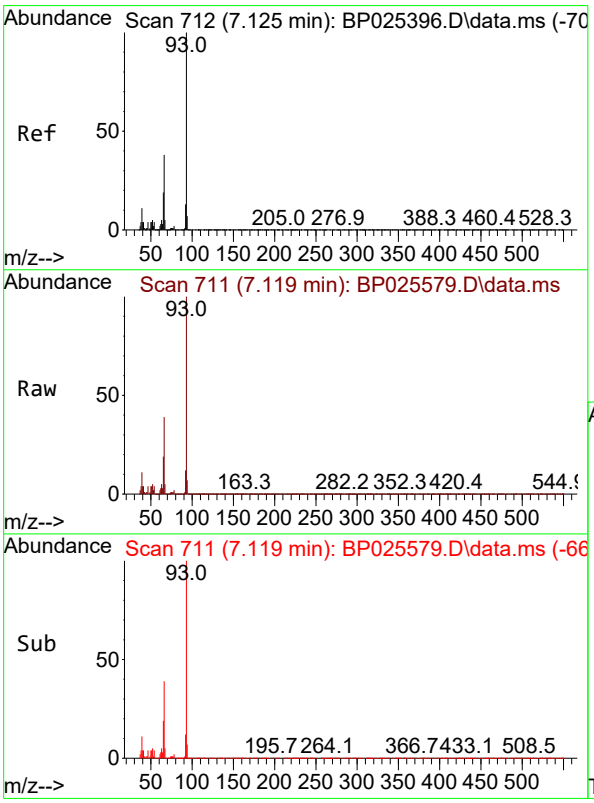
#5
2-Fluorophenol
Concen: 82.226 ng
RT: 5.414 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

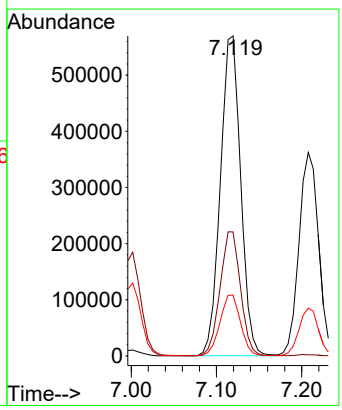


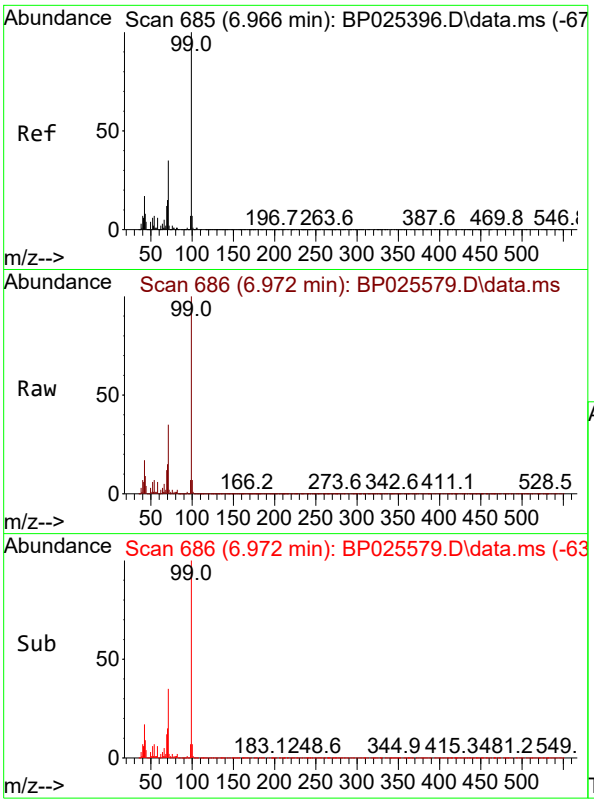


#6
Aniline
Concen: 38.650 ng
RT: 7.119 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



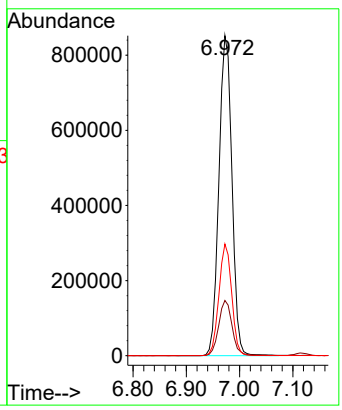


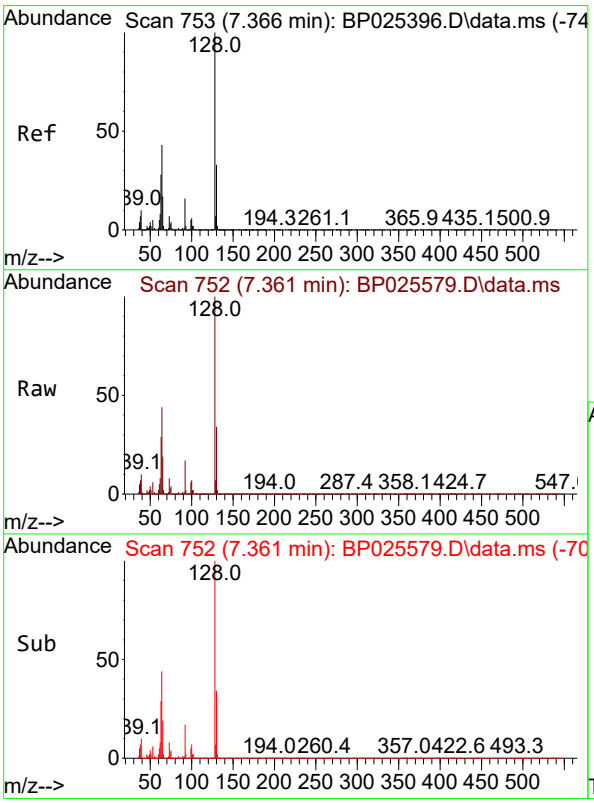
#7
Phenol-d6
Concen: 79.575 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

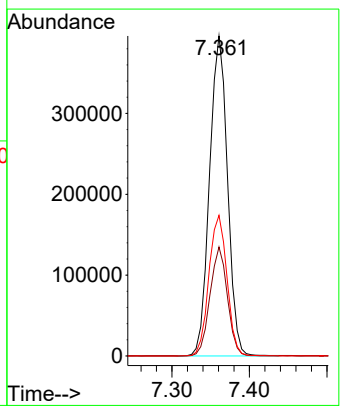


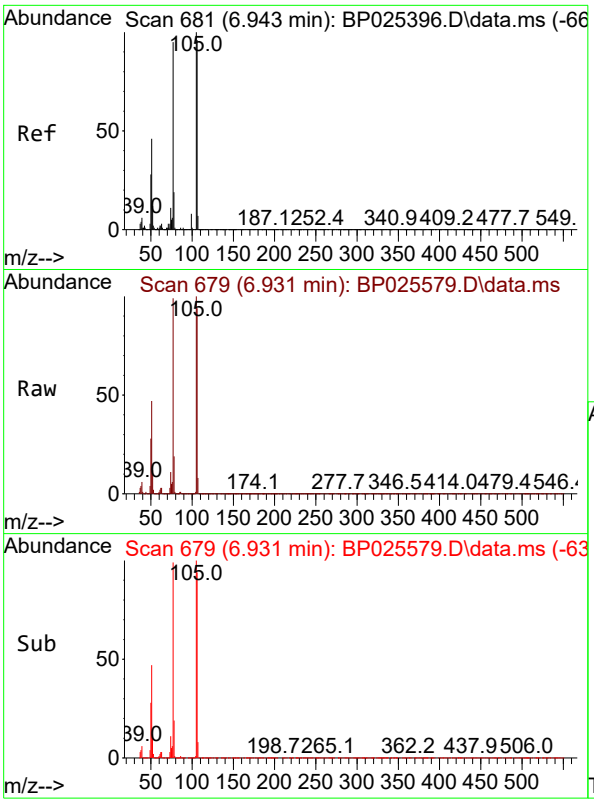


#8
2-Chlorophenol
Concen: 39.864 ng
RT: 7.361 min Scan# 752
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



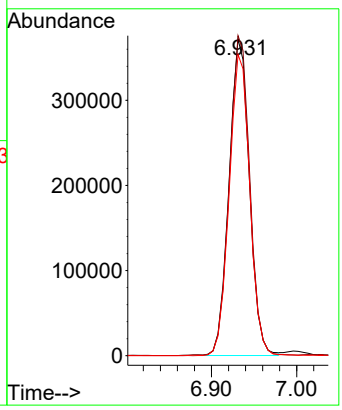


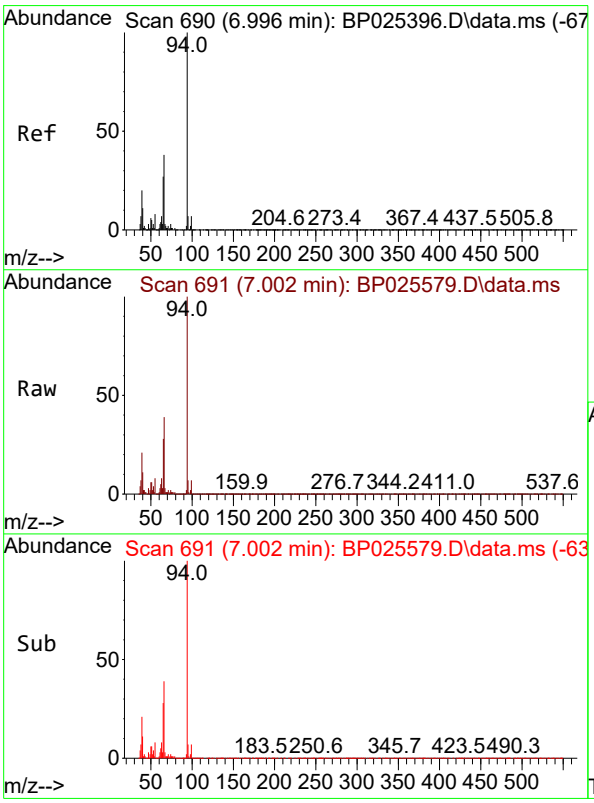
#9
Benzaldehyde
Concen: 48.474 ng
RT: 6.931 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

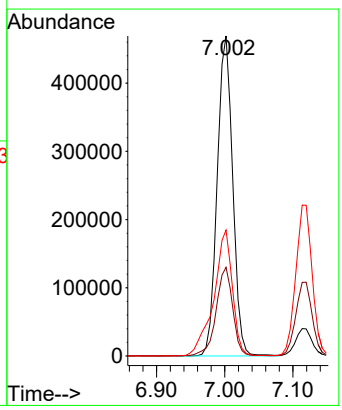


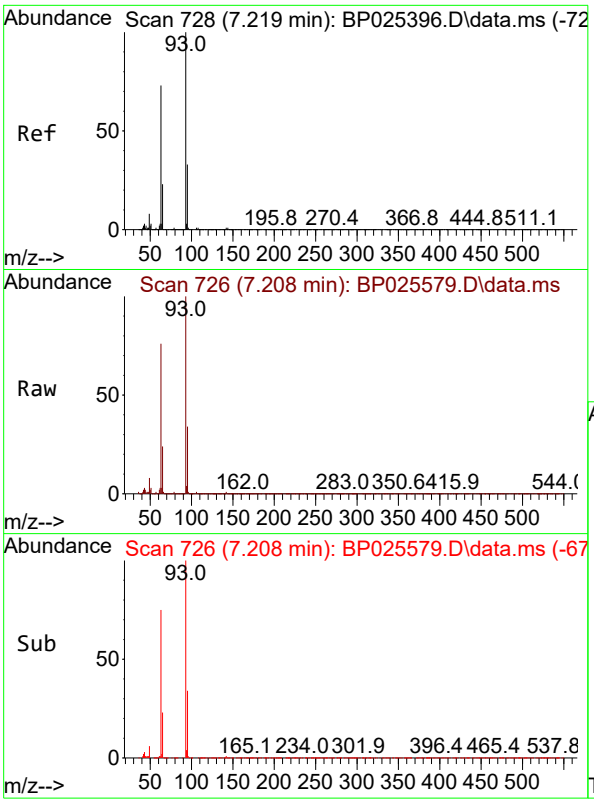


#10
Phenol
Concen: 38.972 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



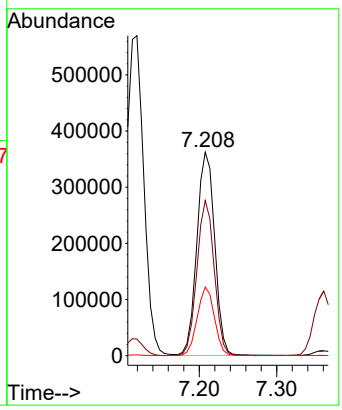


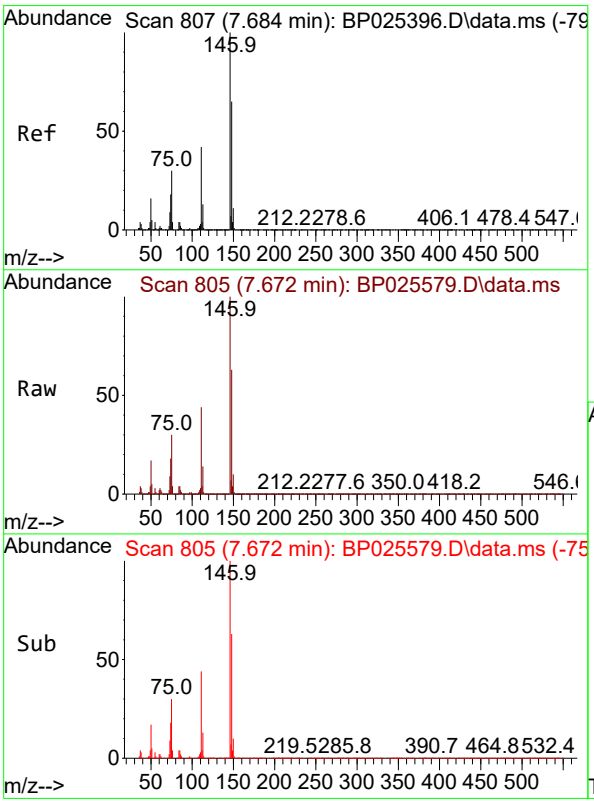
#11
bis(2-Chloroethyl)ether
Concen: 39.010 ng
RT: 7.208 min Scan# 7
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

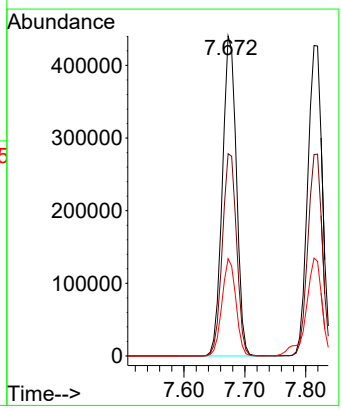


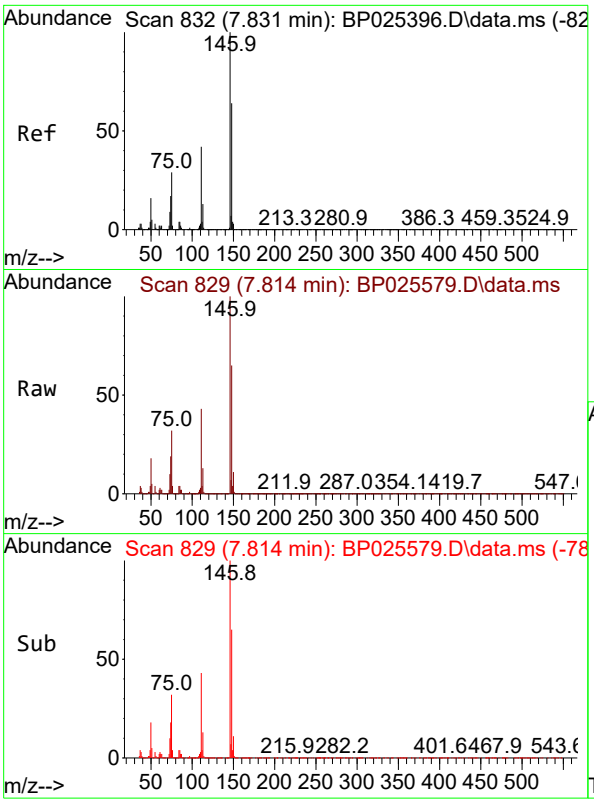


#12
1,3-Dichlorobenzene
Concen: 39.972 ng
RT: 7.672 min Scan# 805
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



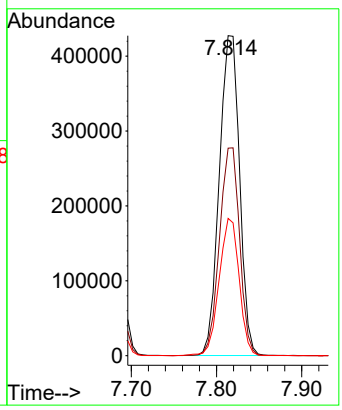


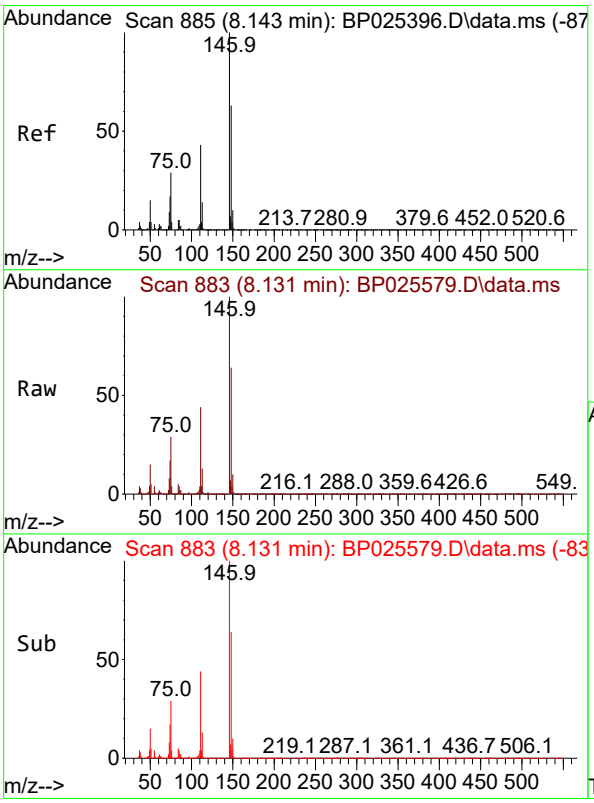
#13
1,4-Dichlorobenzene
Concen: 39.322 ng
RT: 7.814 min Scan# 8
Delta R.T. -0.017 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

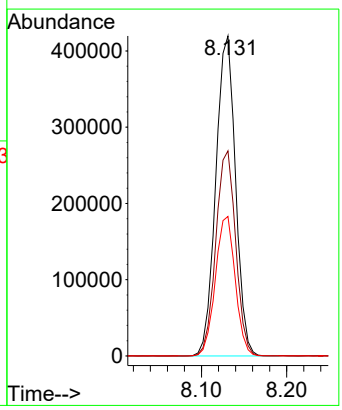


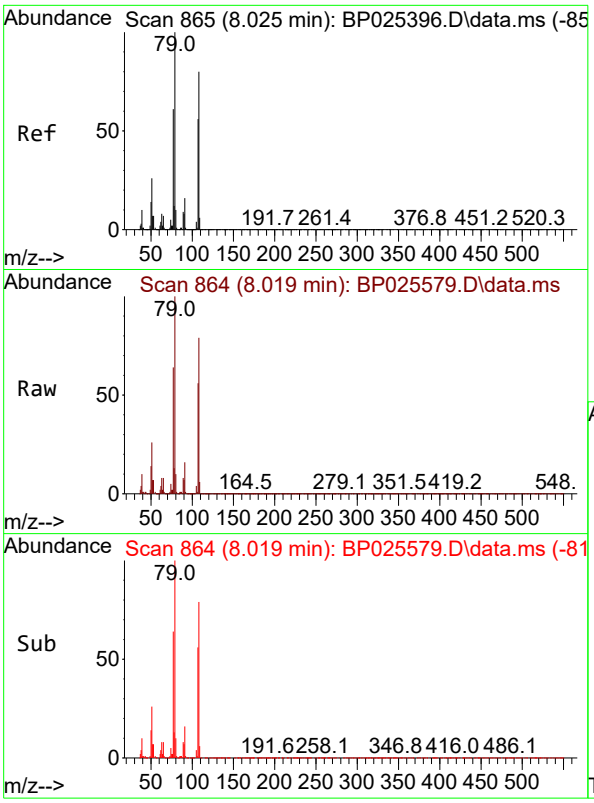


#14
1,2-Dichlorobenzene
Concen: 38.836 ng
RT: 8.131 min Scan# 883
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



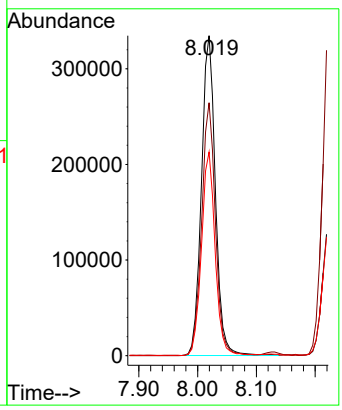


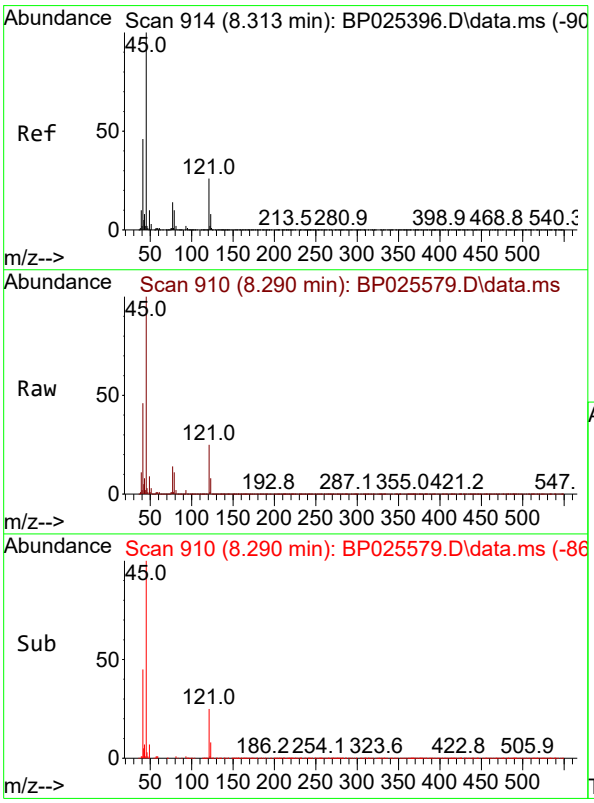
#15
Benzyl Alcohol
Concen: 38.122 ng
RT: 8.019 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

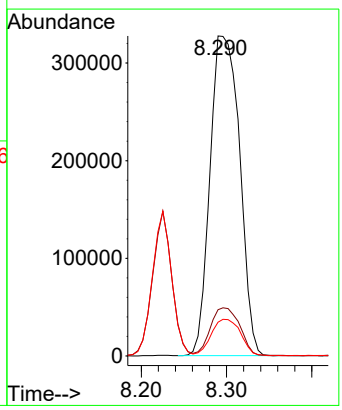


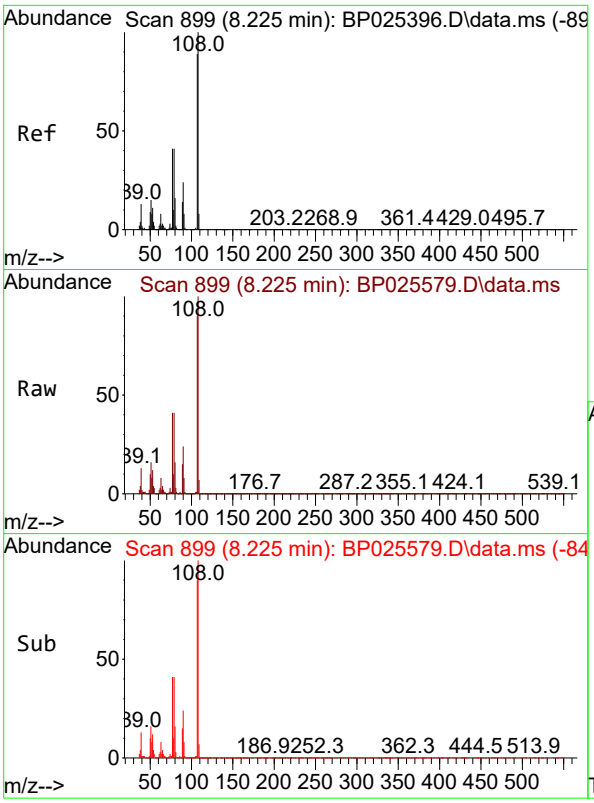


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.779 ng
RT: 8.290 min Scan# 910
Delta R.T. -0.023 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



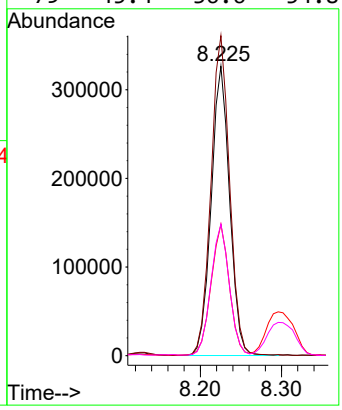


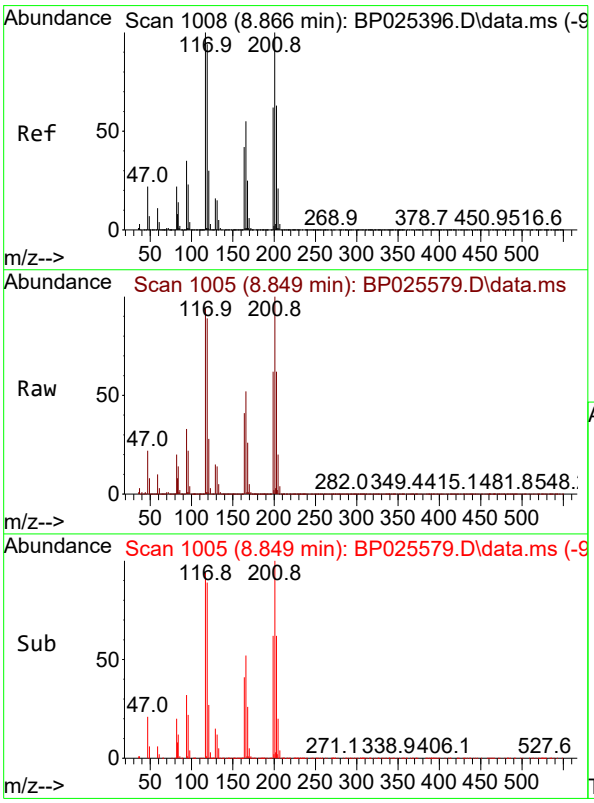
#17
2-Methylphenol
Concen: 38.941 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

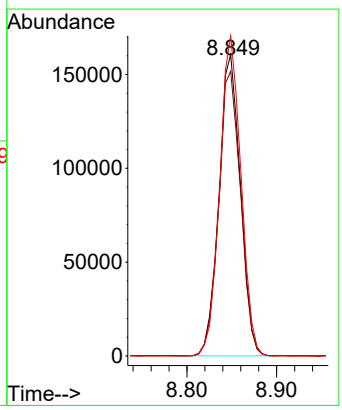


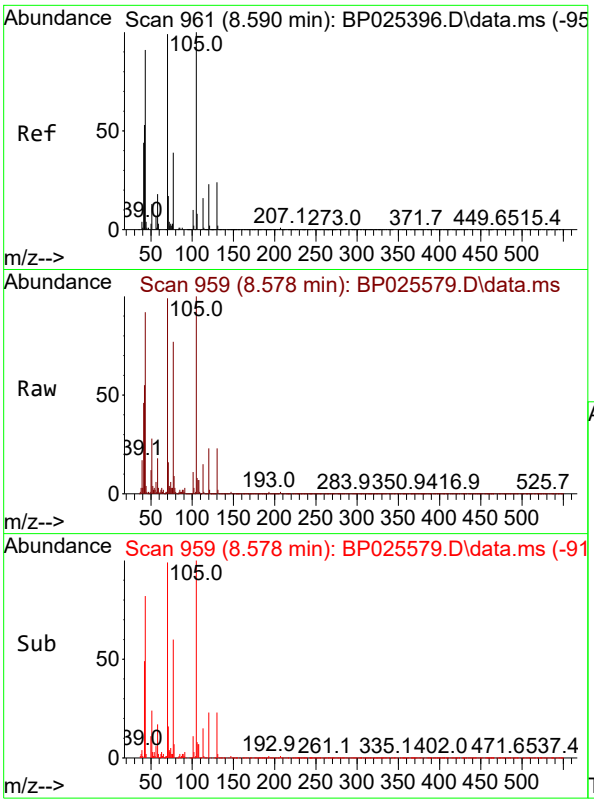


#18
Hexachloroethane
Concen: 40.285 ng
RT: 8.849 min Scan# 1005
Delta R.T. -0.017 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



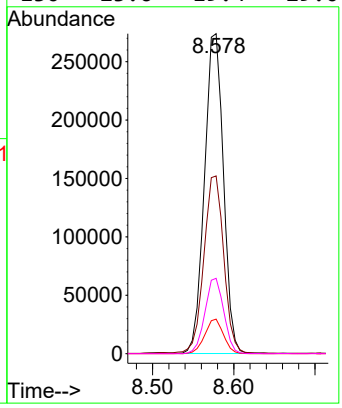


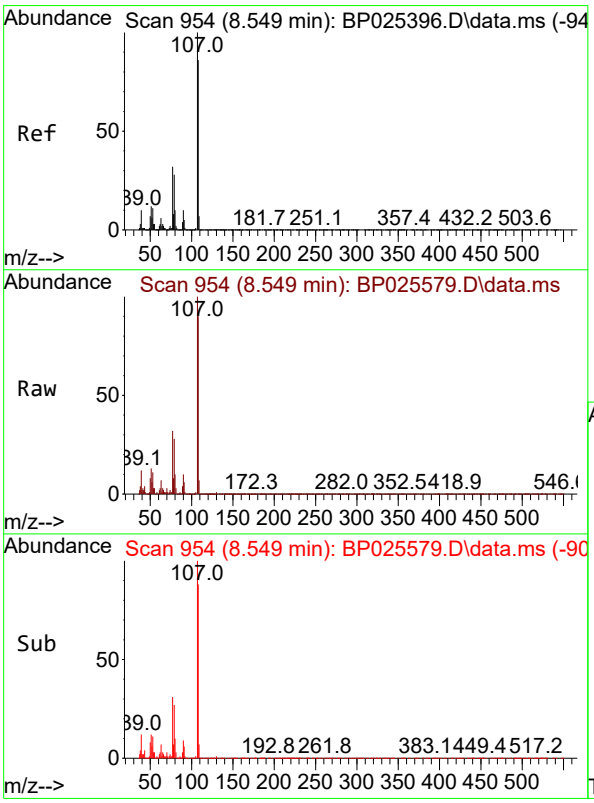
#19
n-Nitroso-di-n-propylamine
Concen: 36.932 ng
RT: 8.578 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

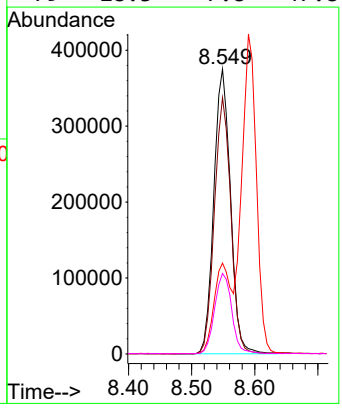


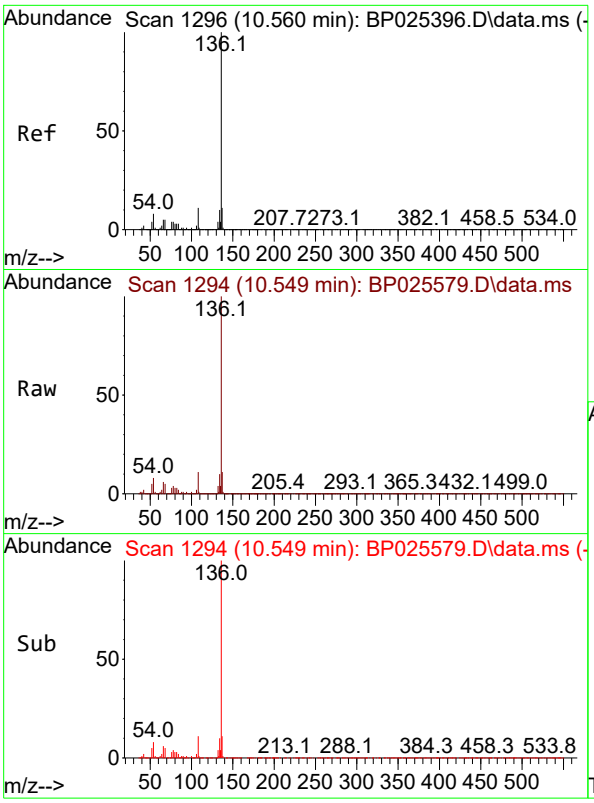


#20
3+4-Methylphenols
Concen: 37.445 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



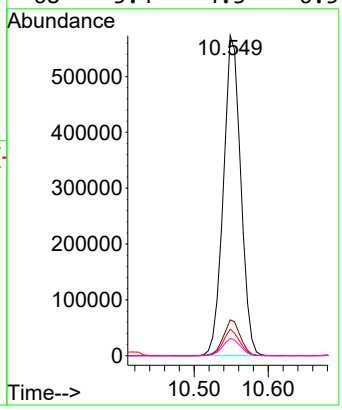


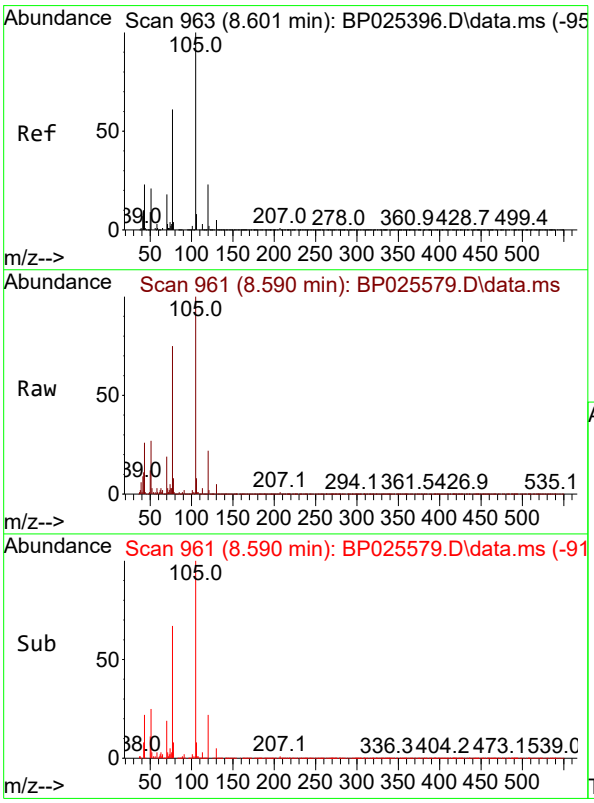
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.549 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

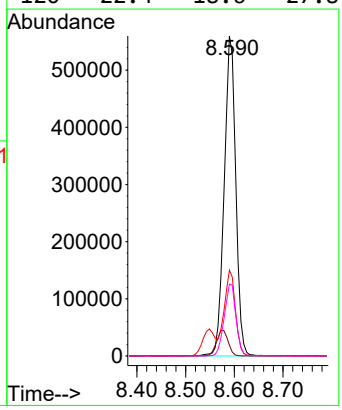


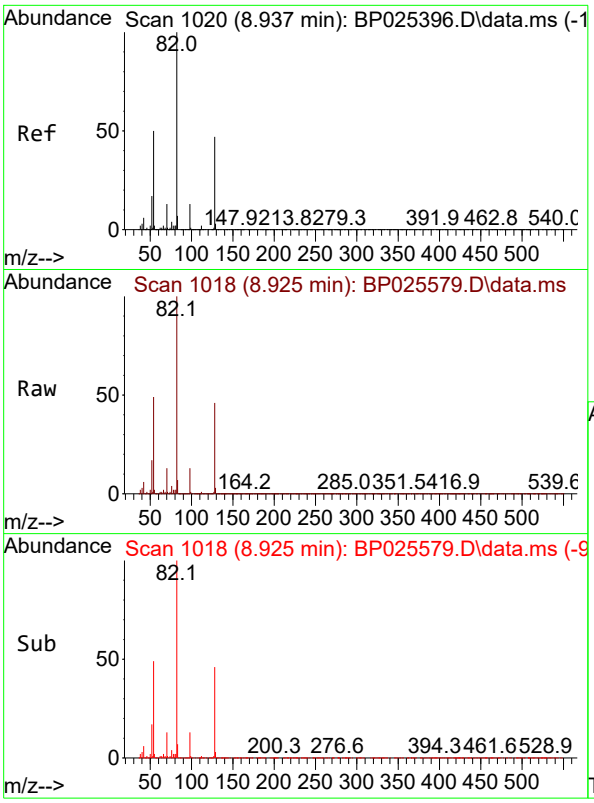


#22
Acetophenone
Concen: 39.724 ng
RT: 8.590 min Scan# 961
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



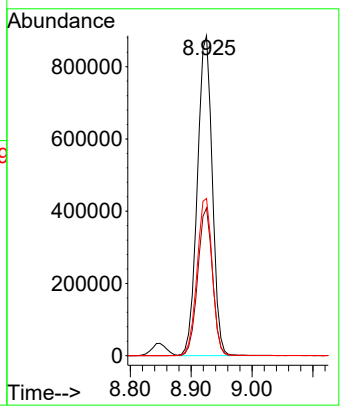


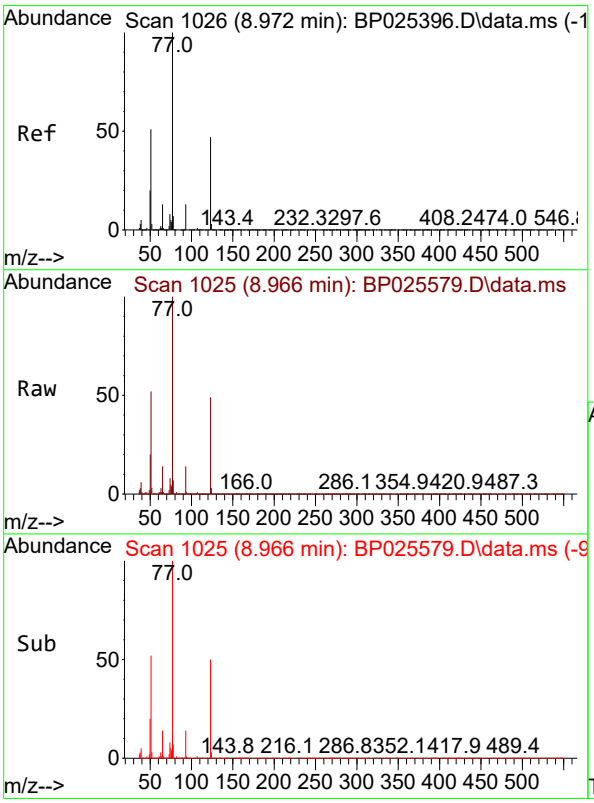
#23
Nitrobenzene-d5
Concen: 81.472 ng
RT: 8.925 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

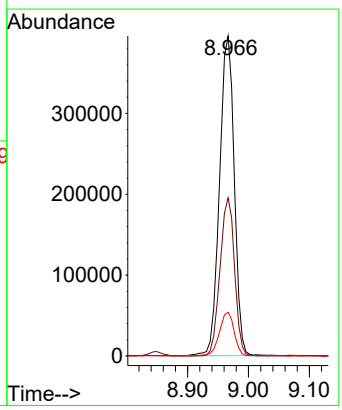


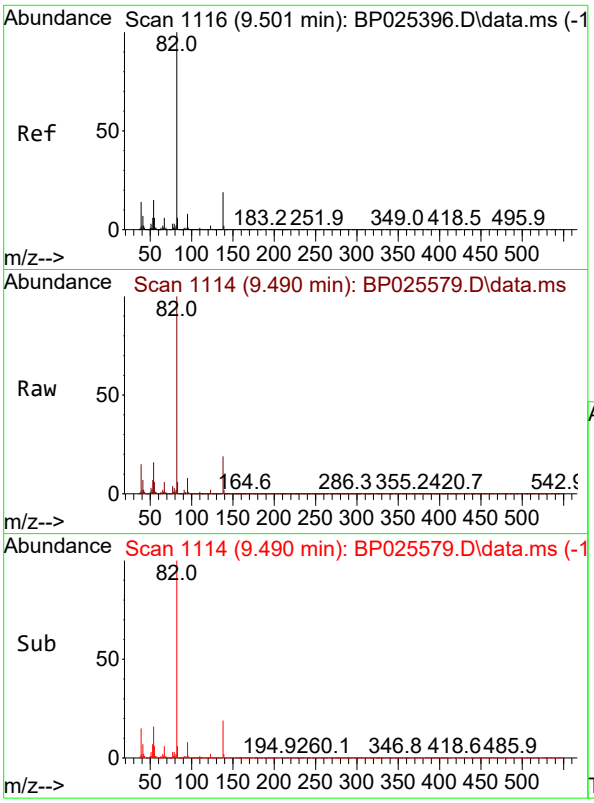


#24
Nitrobenzene
Concen: 40.281 ng
RT: 8.966 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



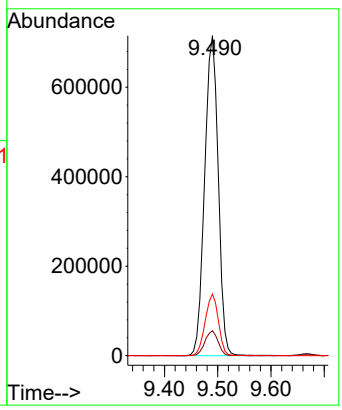


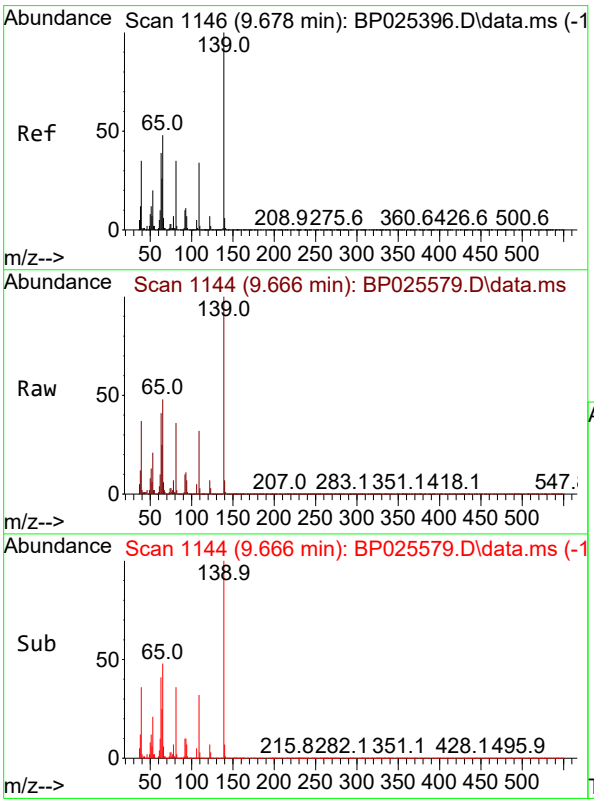
#25
Isophorone
Concen: 38.795 ng
RT: 9.490 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

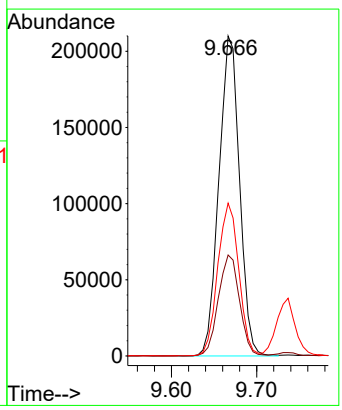


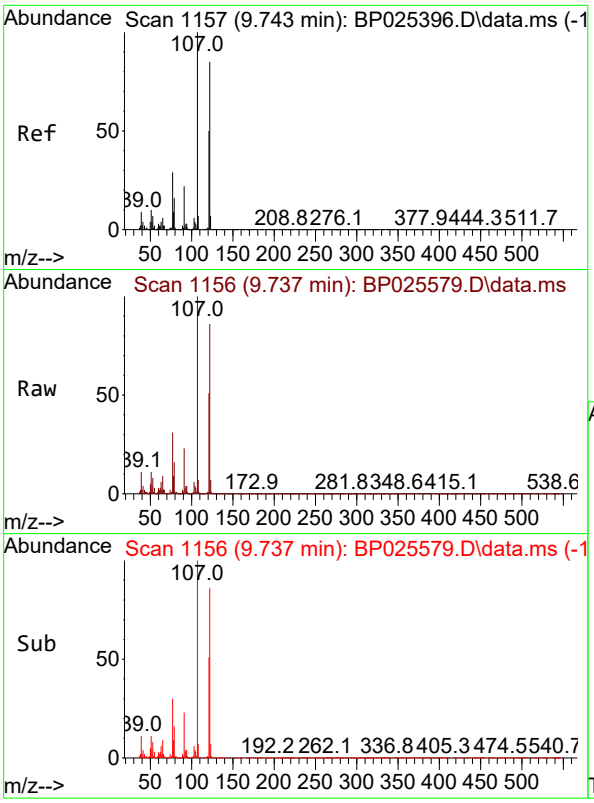


#26
2-Nitrophenol
Concen: 41.691 ng
RT: 9.666 min Scan# 1144
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



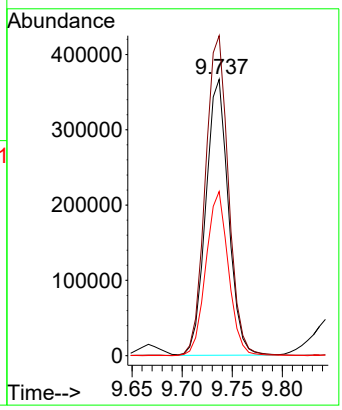


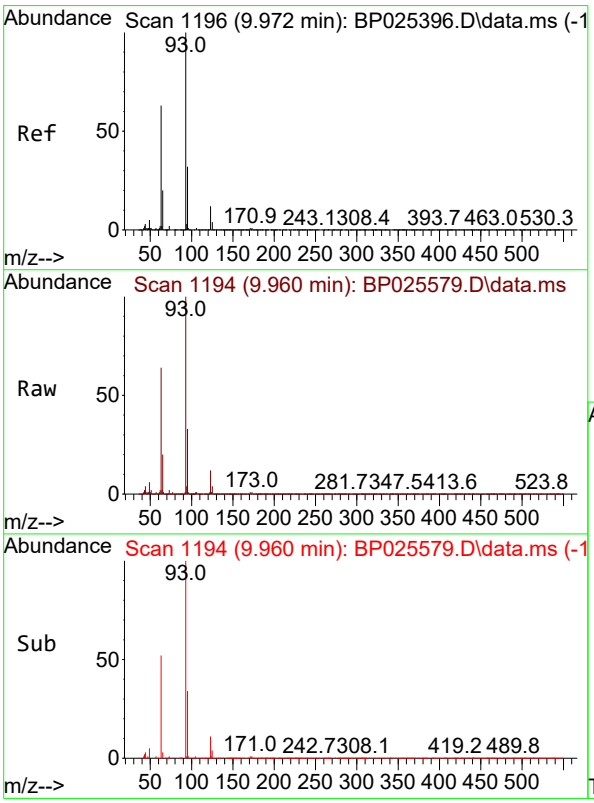
#27
2,4-Dimethylphenol
Concen: 39.443 ng
RT: 9.737 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

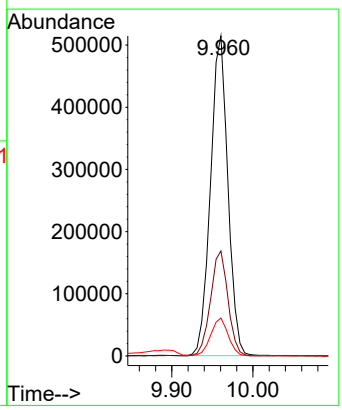


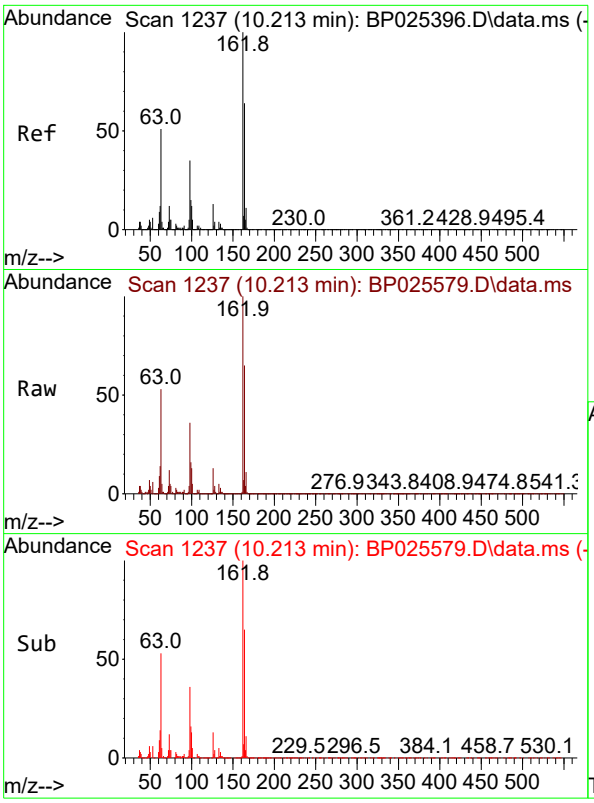


#28
bis(2-Chloroethoxy)methane
Concen: 38.722 ng
RT: 9.960 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



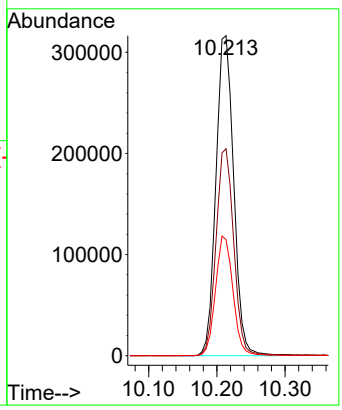


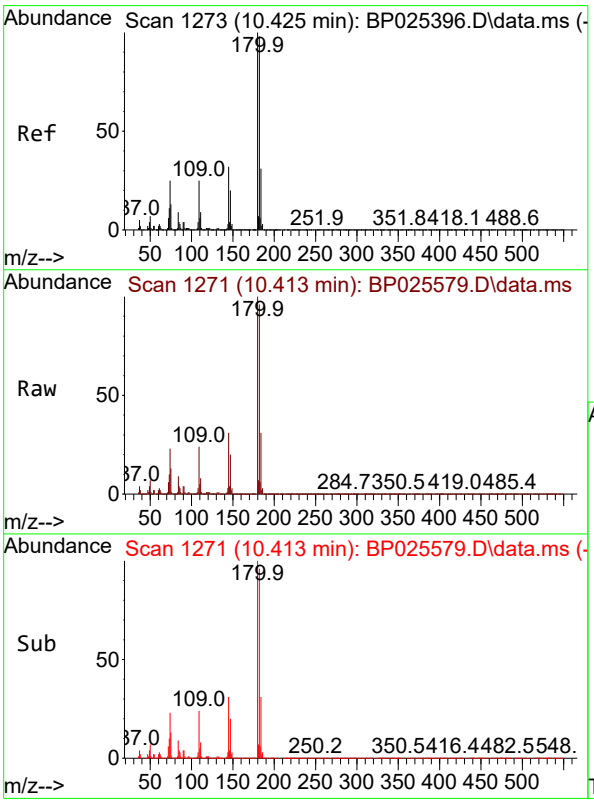
#29
2,4-Dichlorophenol
Concen: 39.723 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

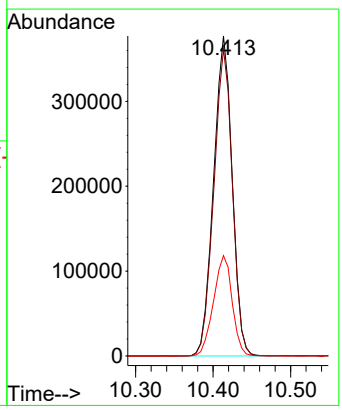


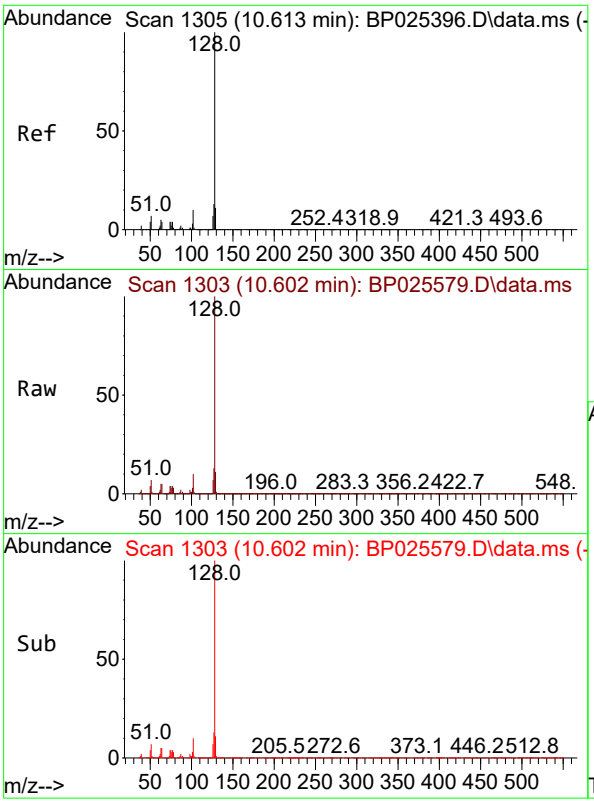


#30
1,2,4-Trichlorobenzene
Concen: 39.714 ng
RT: 10.413 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



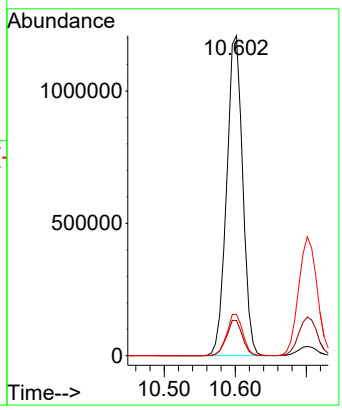


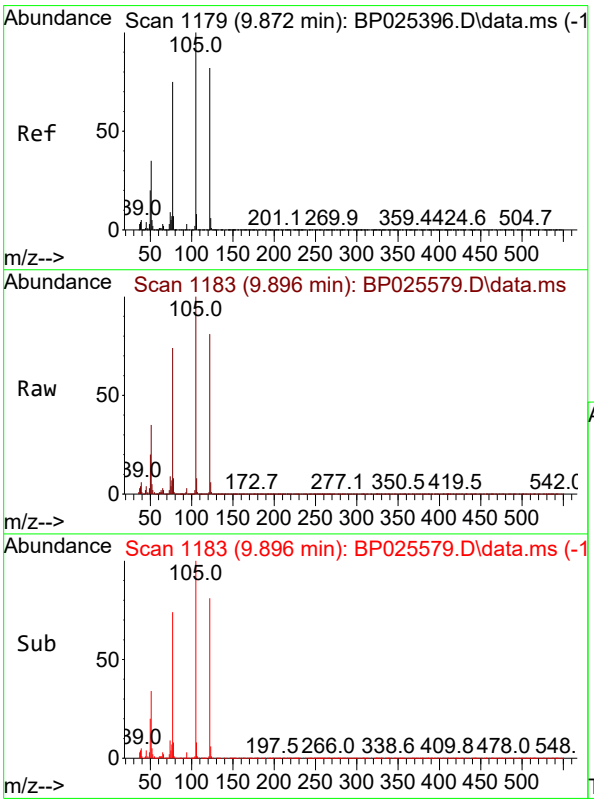
#31
Naphthalene
Concen: 39.081 ng
RT: 10.602 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

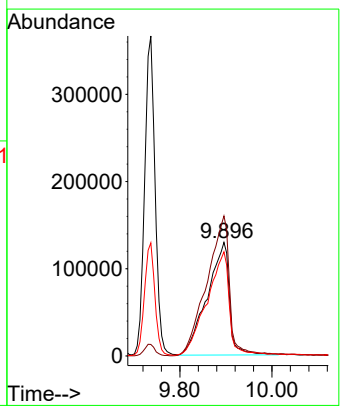


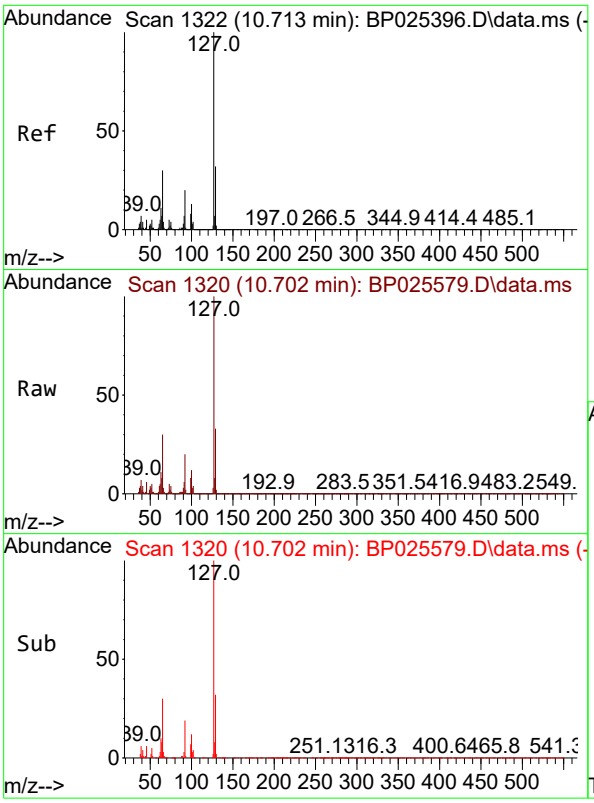


#32
Benzoic acid
Concen: 40.466 ng
RT: 9.896 min Scan# 1183
Delta R.T. 0.024 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



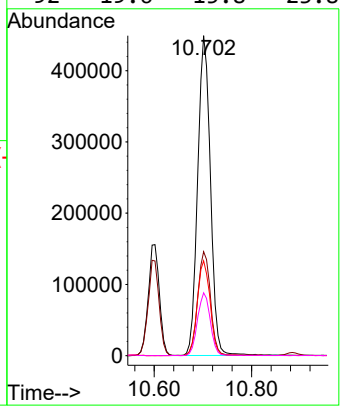


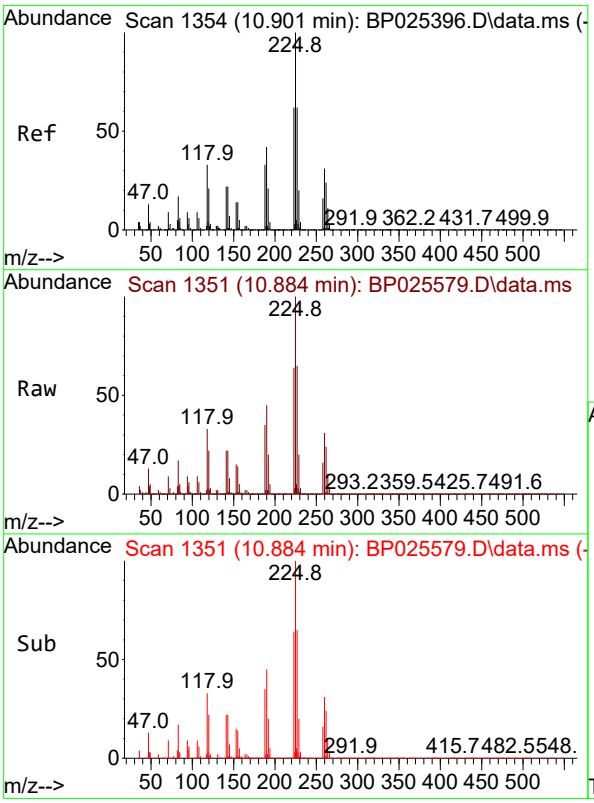
#33
4-Chloroaniline
Concen: 38.334 ng
RT: 10.702 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

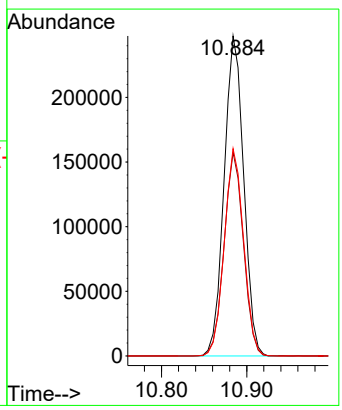


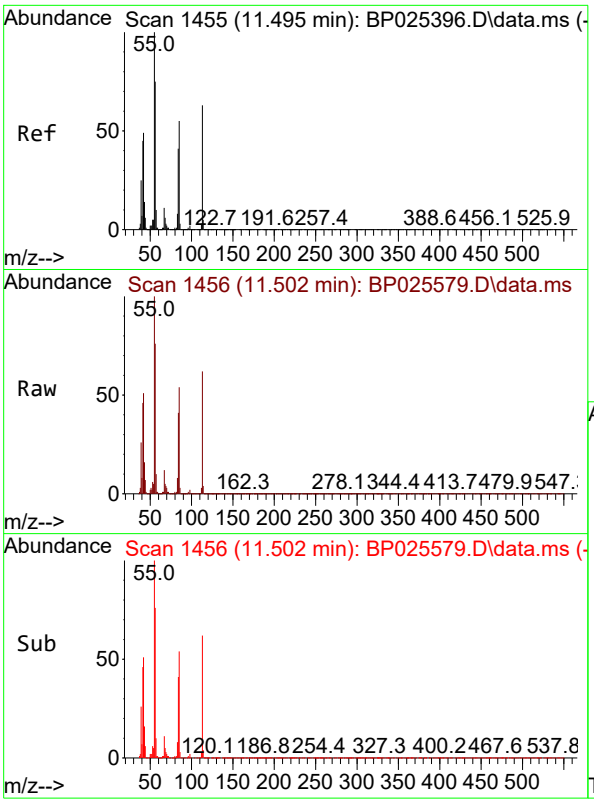


#34
Hexachlorobutadiene
Concen: 40.037 ng
RT: 10.884 min Scan# 1351
Delta R.T. -0.017 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



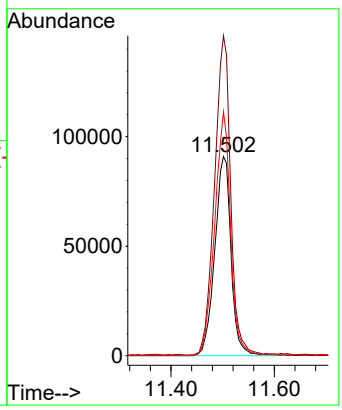


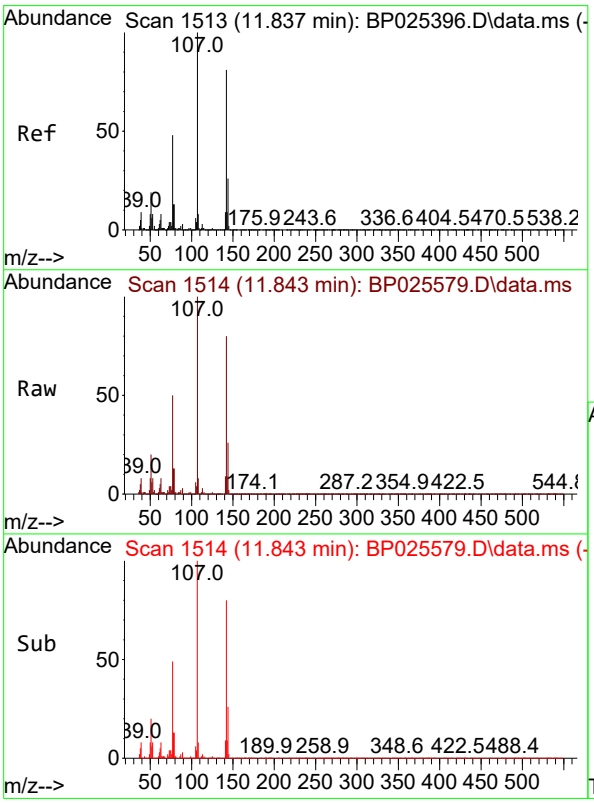
#35
Caprolactam
Concen: 37.371 ng
RT: 11.502 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

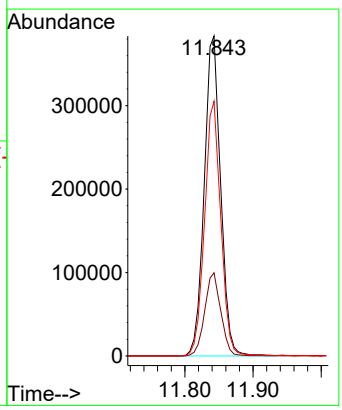


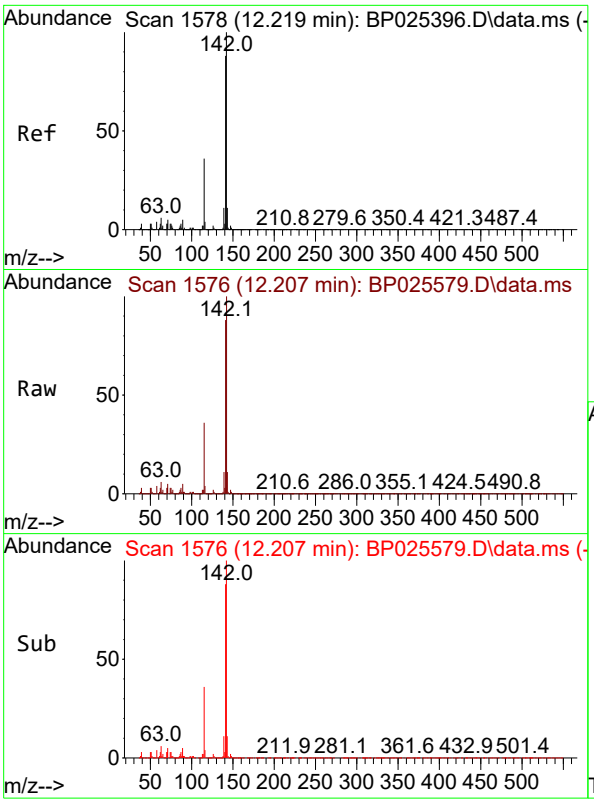


#36
4-Chloro-3-methylphenol
Concen: 38.708 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



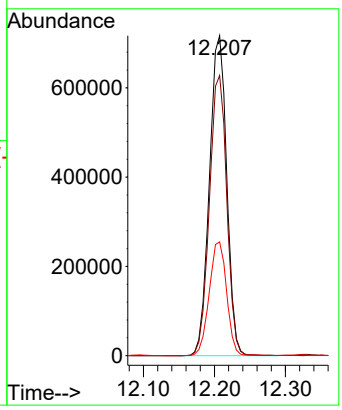


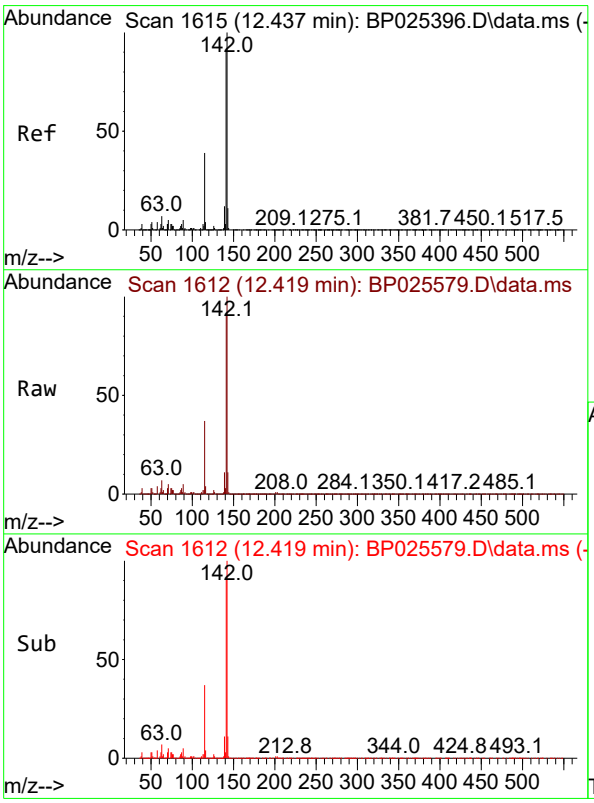
#37
2-Methylnaphthalene
Concen: 38.444 ng
RT: 12.207 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

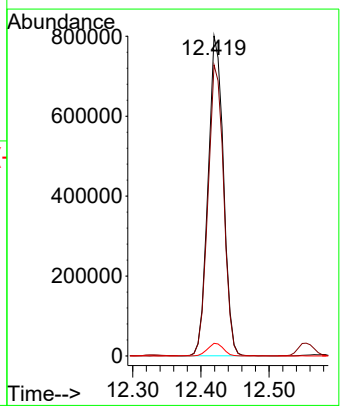


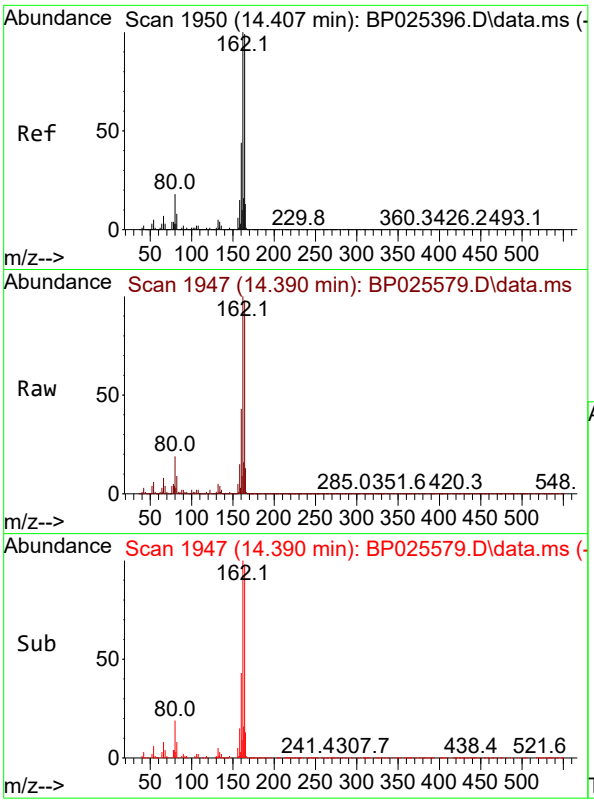


#38
1-Methylnaphthalene
Concen: 37.588 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.017 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



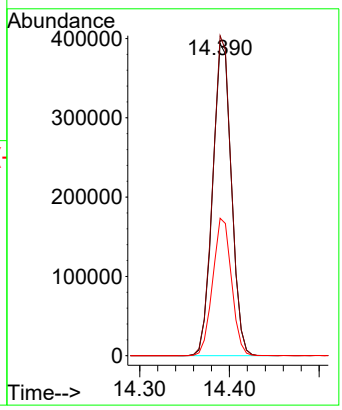


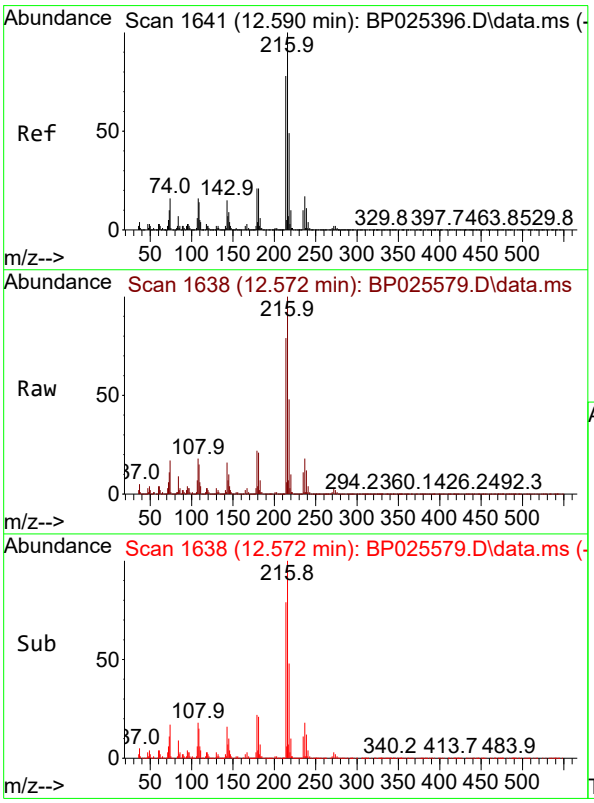
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.390 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

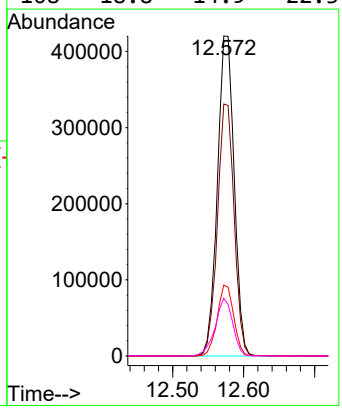


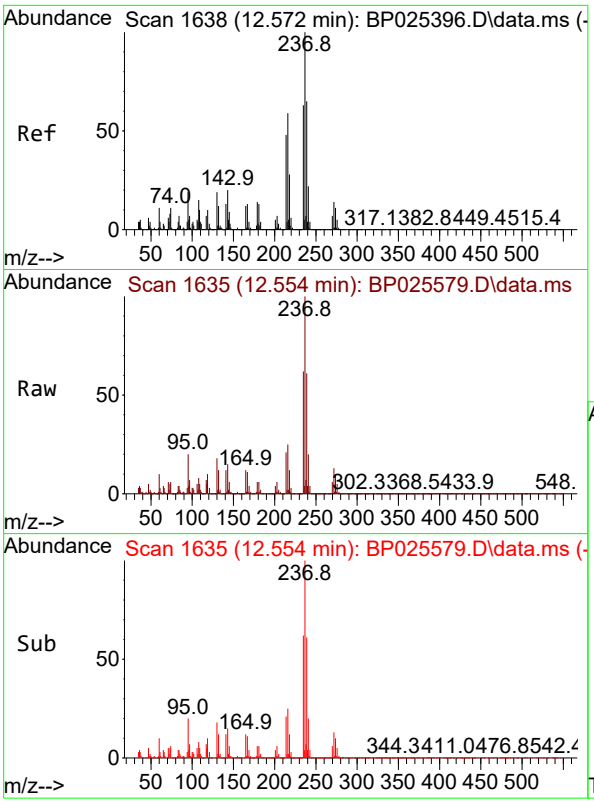


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.548 ng
RT: 12.572 min Scan# 1638
Delta R.T. -0.017 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



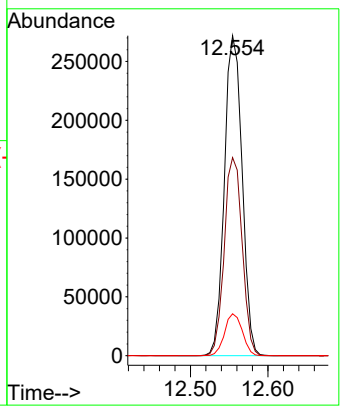


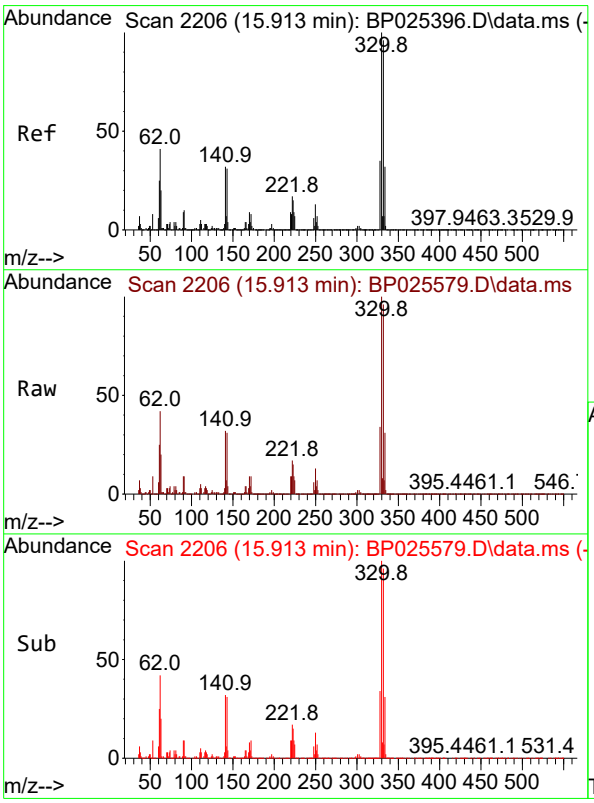
#41
Hexachlorocyclopentadiene
Concen: 43.311 ng
RT: 12.554 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

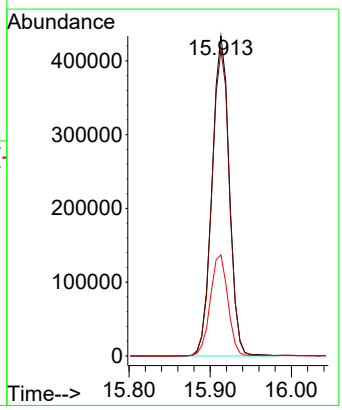


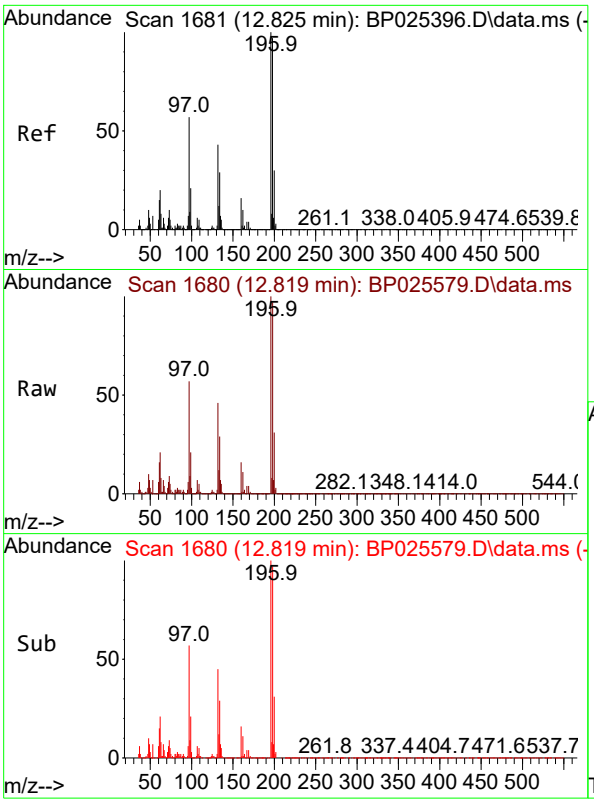


#42
2,4,6-Tribromophenol
Concen: 83.055 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



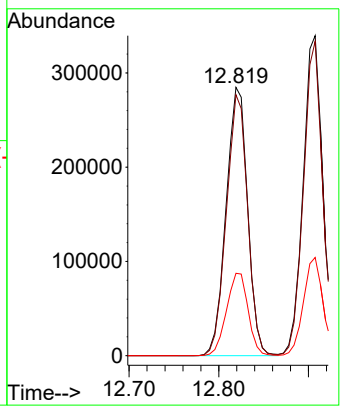


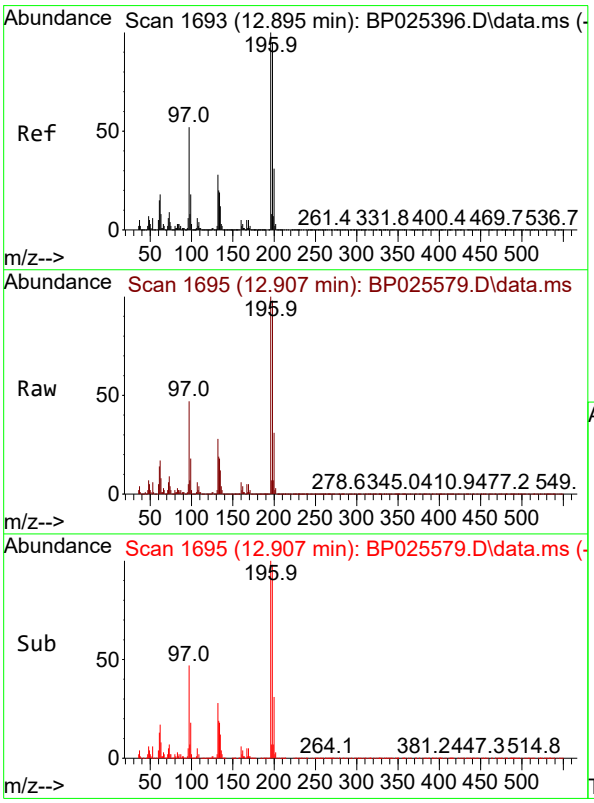
#43
2,4,6-Trichlorophenol
Concen: 42.513 ng
RT: 12.819 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

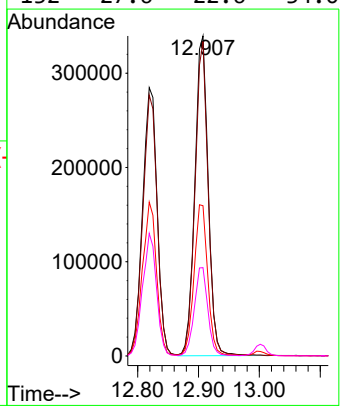


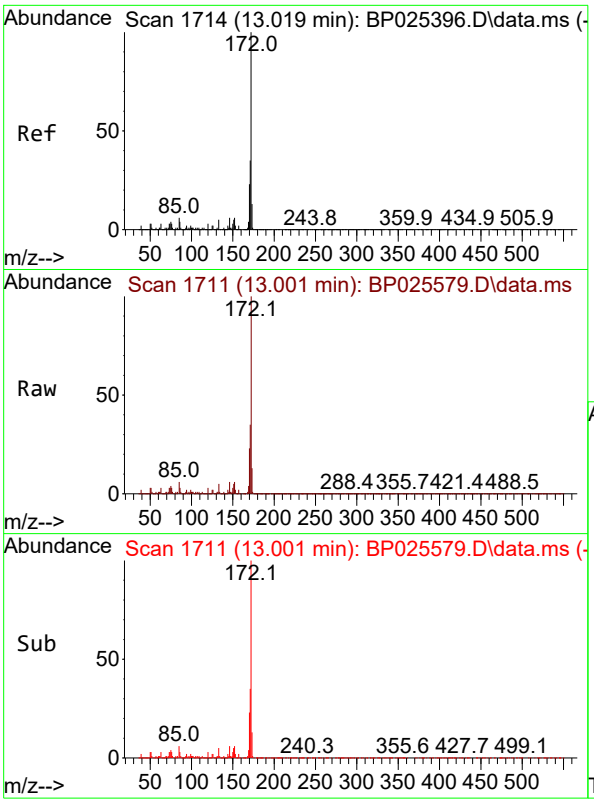


#44
2,4,5-Trichlorophenol
Concen: 42.543 ng
RT: 12.907 min Scan# 1695
Delta R.T. 0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



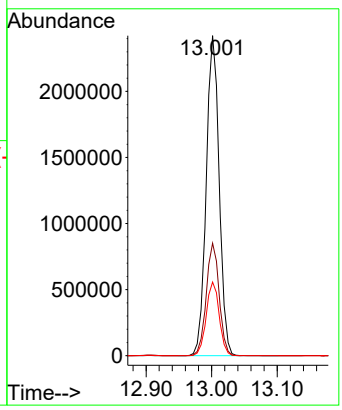


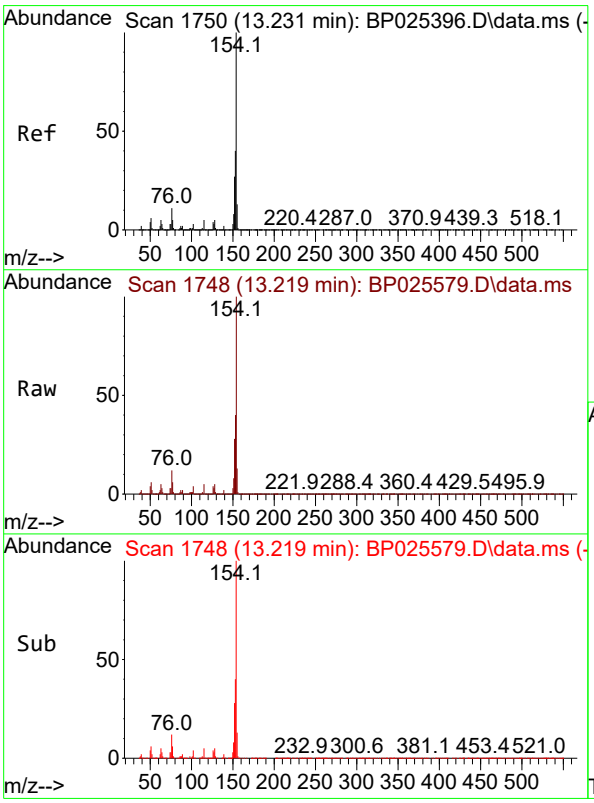
#45
2-Fluorobiphenyl
Concen: 79.459 ng
RT: 13.001 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

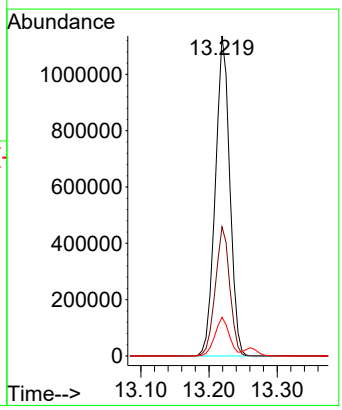


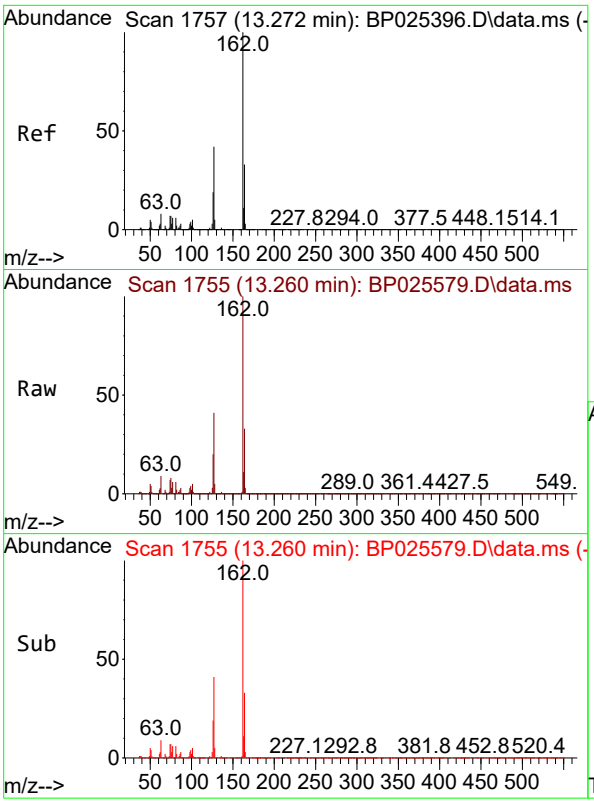


#46
1,1'-Biphenyl
Concen: 40.352 ng
RT: 13.219 min Scan# 1748
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



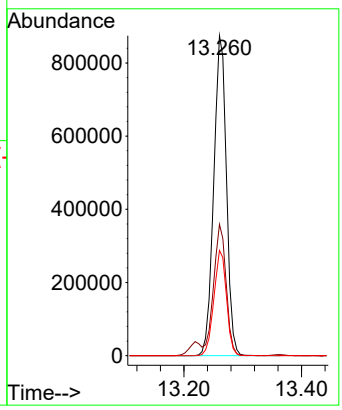


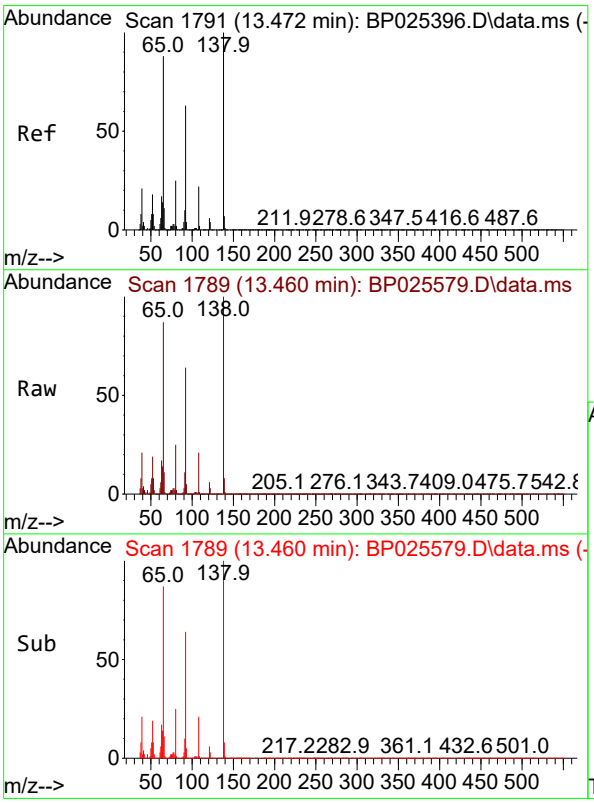
#47
2-Chloronaphthalene
Concen: 40.519 ng
RT: 13.260 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

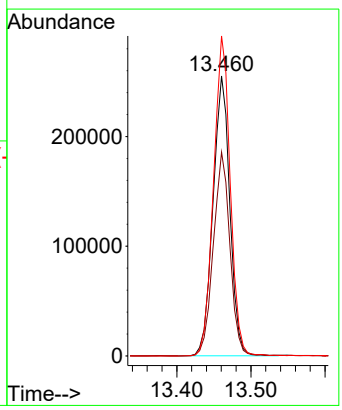


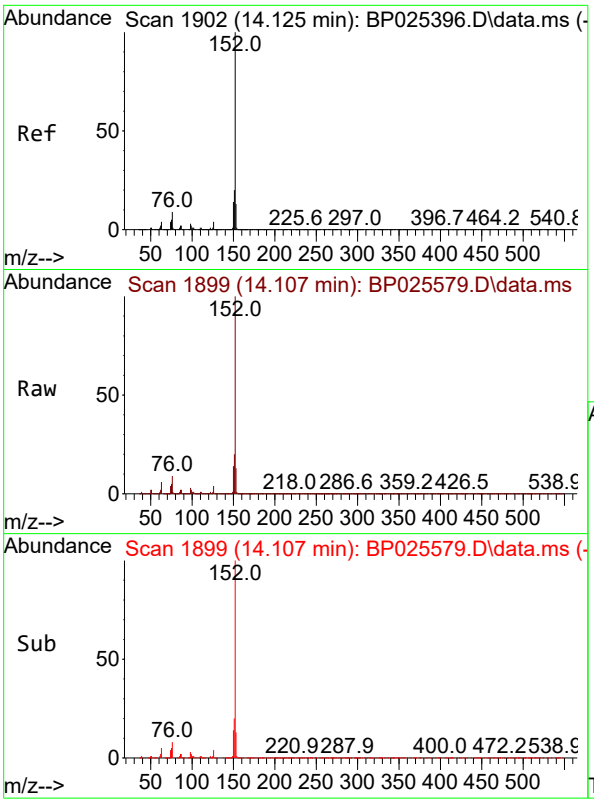


#48
2-Nitroaniline
Concen: 42.723 ng
RT: 13.460 min Scan# 1789
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



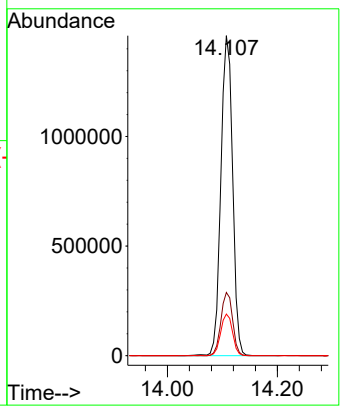


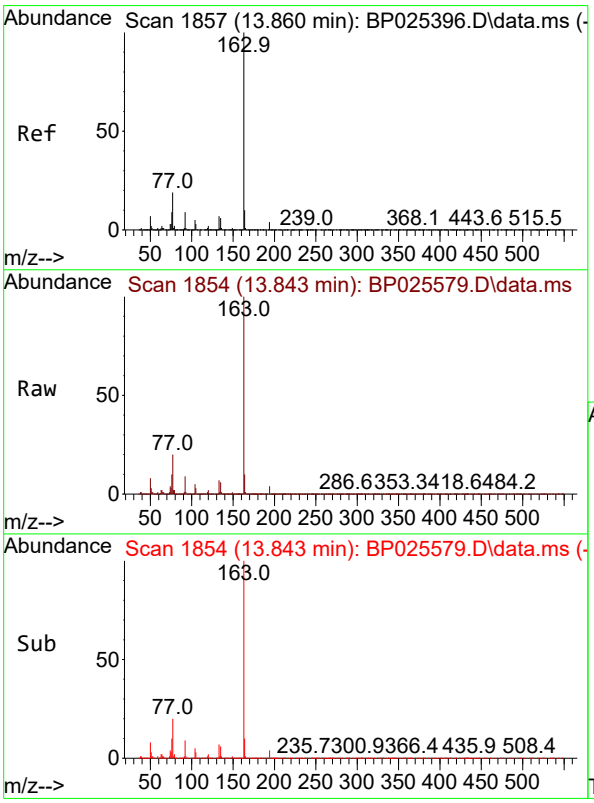
#49
Acenaphthylene
Concen: 40.292 ng
RT: 14.107 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

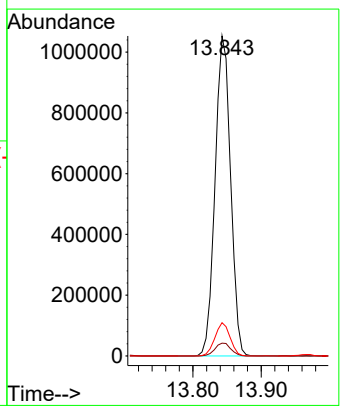


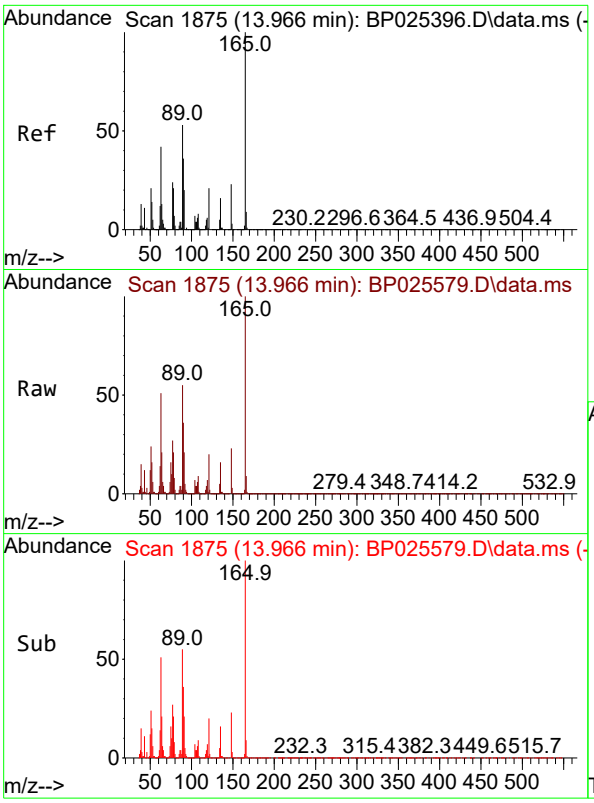


#50
Dimethylphthalate
Concen: 39.793 ng
RT: 13.843 min Scan# 1854
Delta R.T. -0.017 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



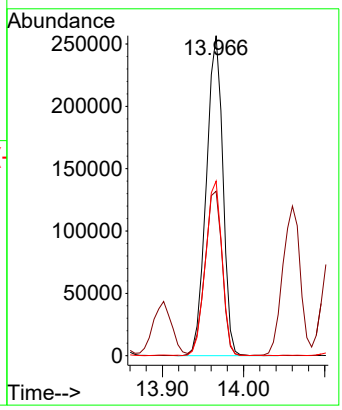


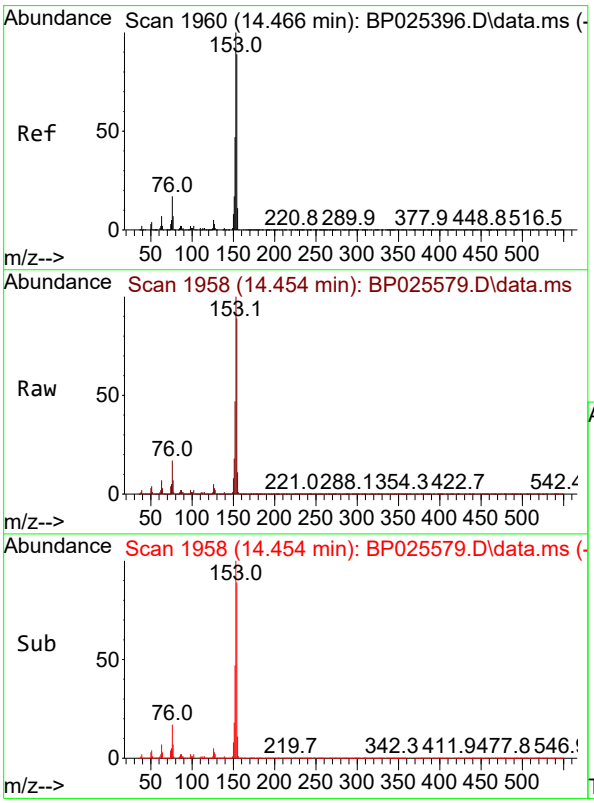
#51
2,6-Dinitrotoluene
Concen: 41.079 ng
RT: 13.966 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

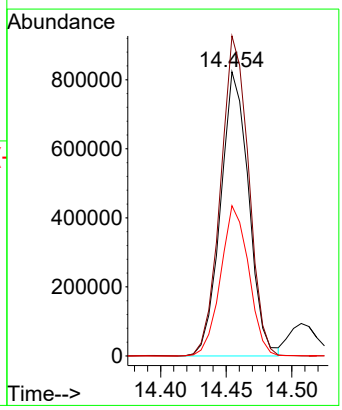


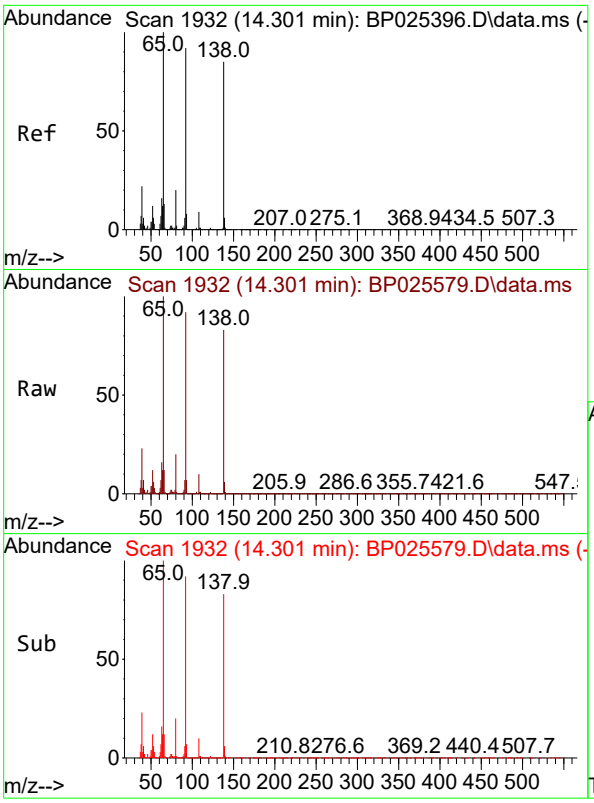


#52
Acenaphthene
Concen: 39.001 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



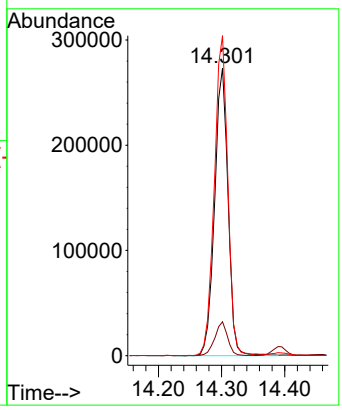


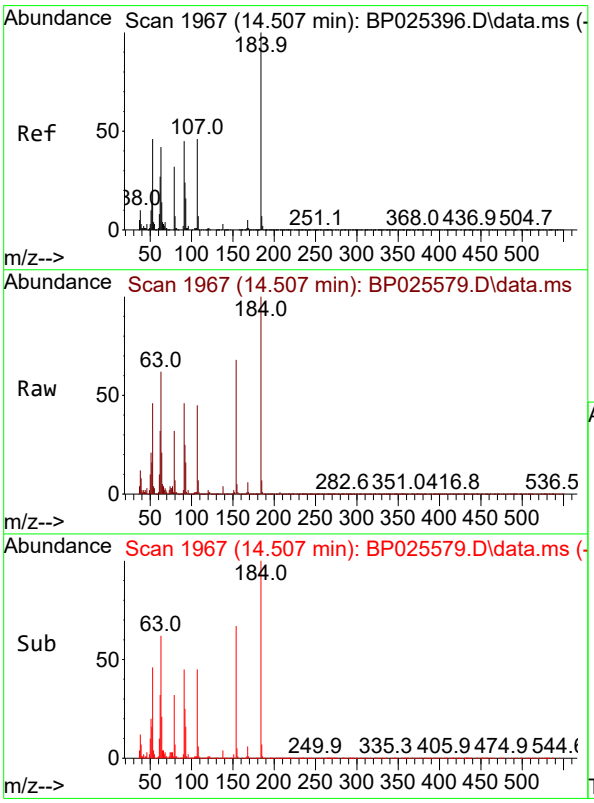
#53
3-Nitroaniline
Concen: 40.597 ng
RT: 14.301 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

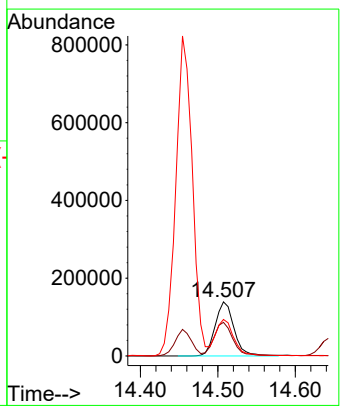


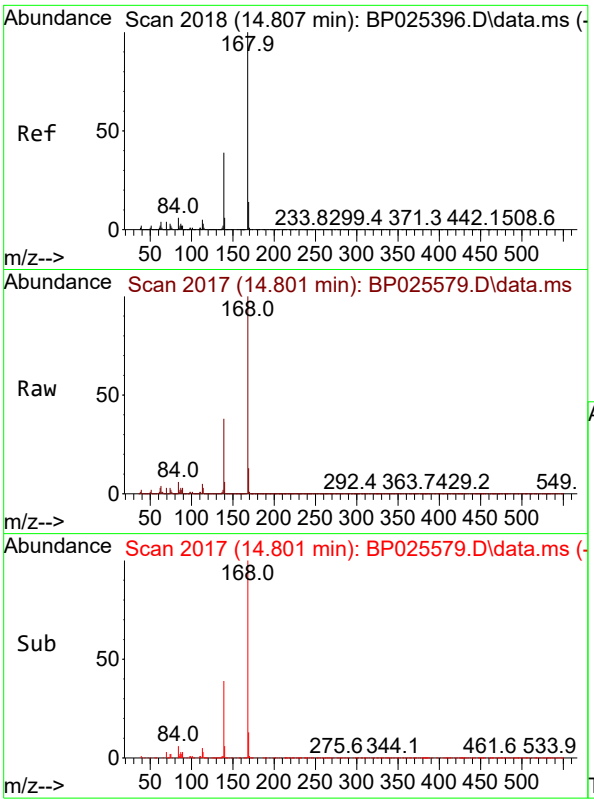


#54
2,4-Dinitrophenol
Concen: 49.987 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



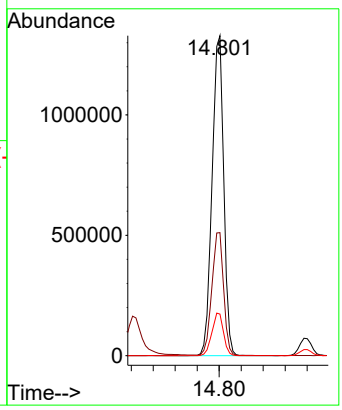


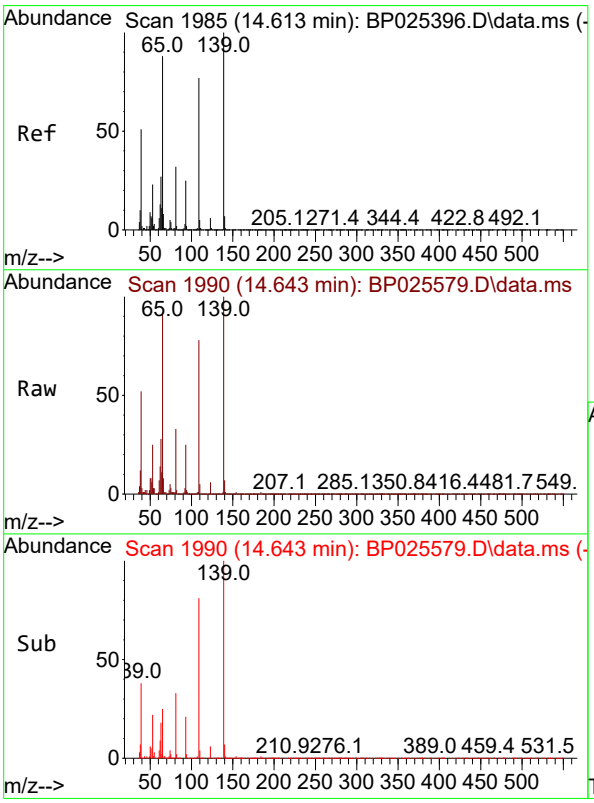
#55
Dibenzofuran
Concen: 39.350 ng
RT: 14.801 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

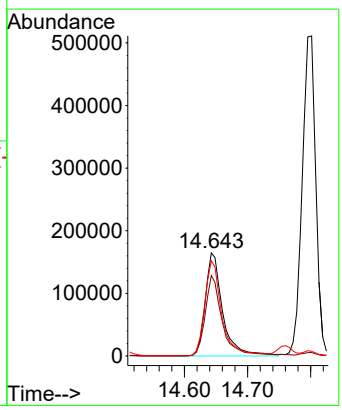


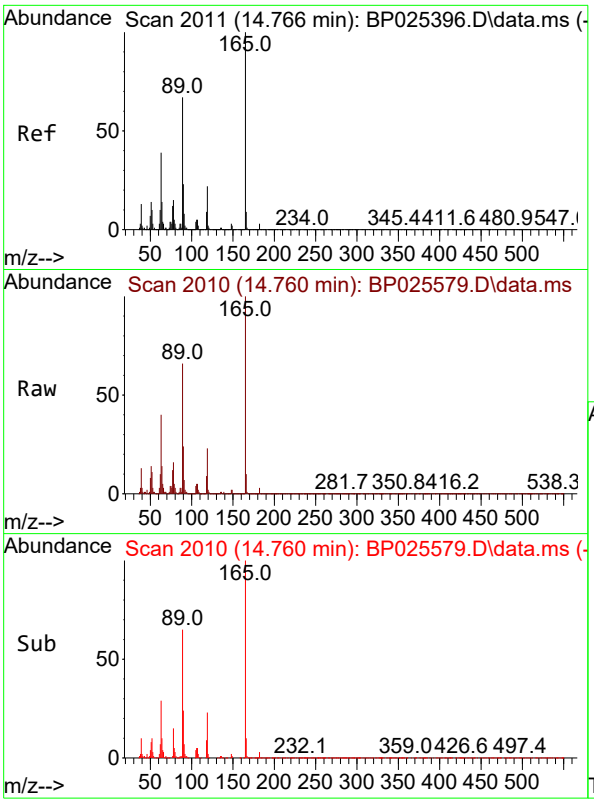


#56
4-Nitrophenol
Concen: 38.533 ng
RT: 14.643 min Scan# 1990
Delta R.T. 0.030 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



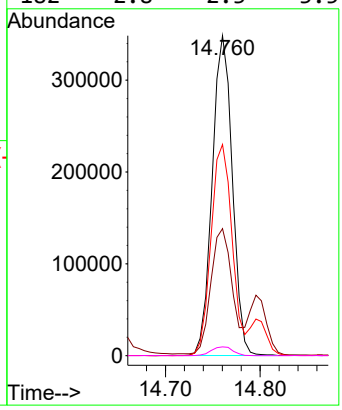


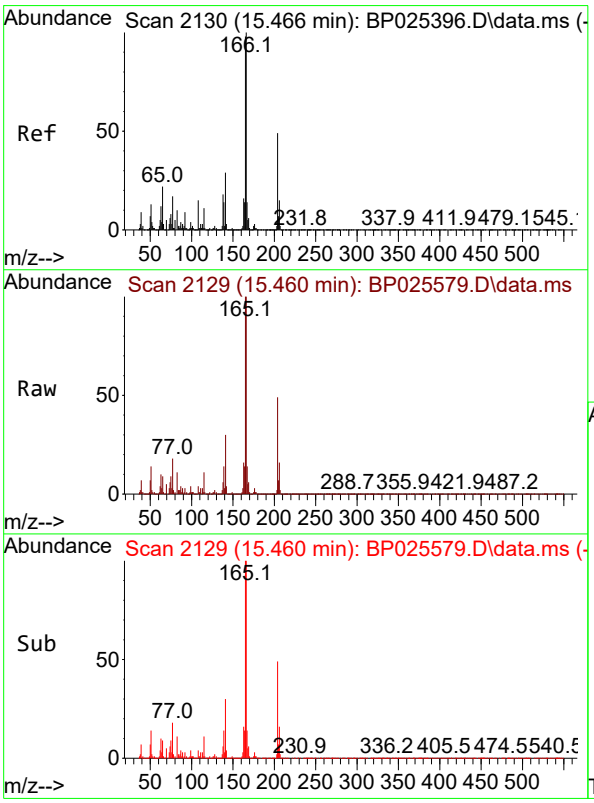
#57
2,4-Dinitrotoluene
Concen: 40.818 ng
RT: 14.760 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

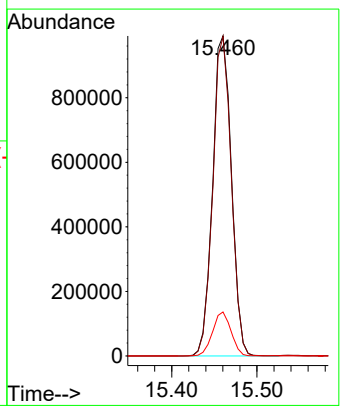


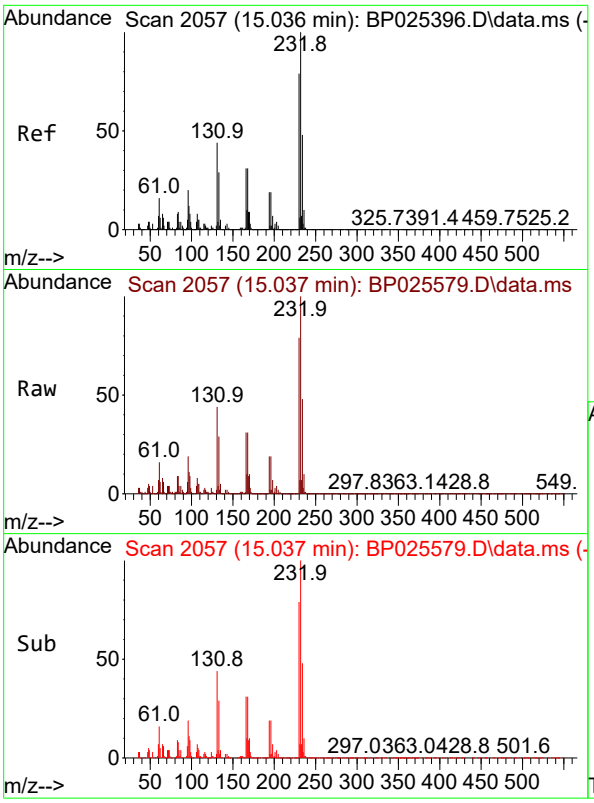


#58
Fluorene
Concen: 38.819 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



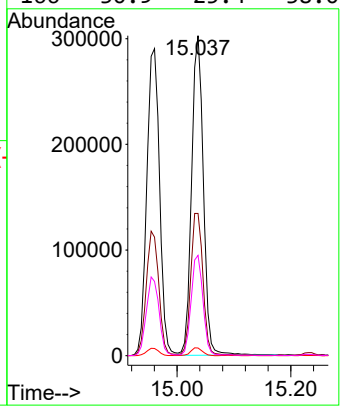


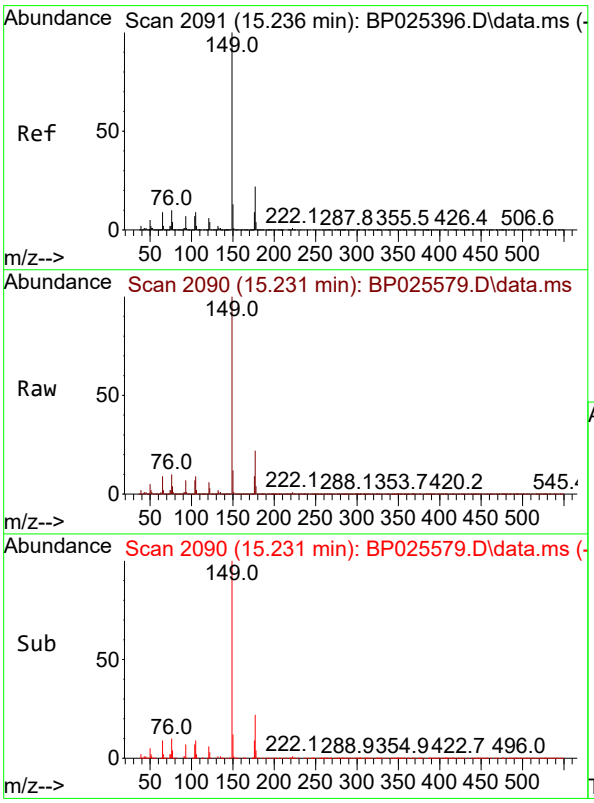
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.510 ng
RT: 15.037 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

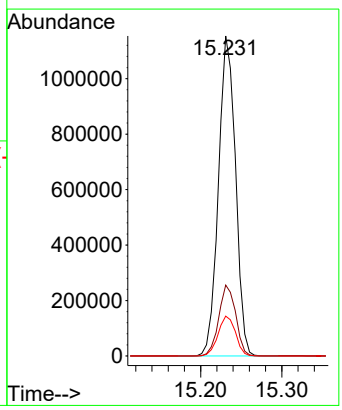


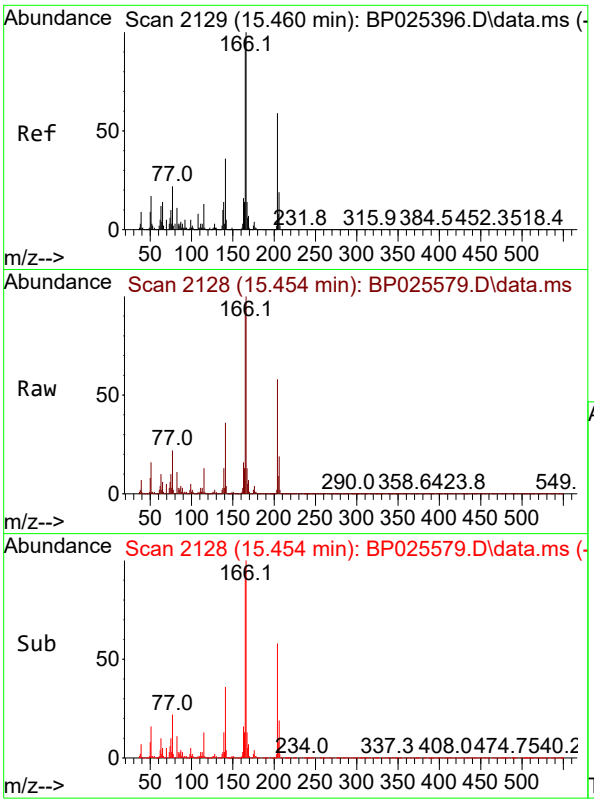


#60
Diethylphthalate
Concen: 39.661 ng
RT: 15.231 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



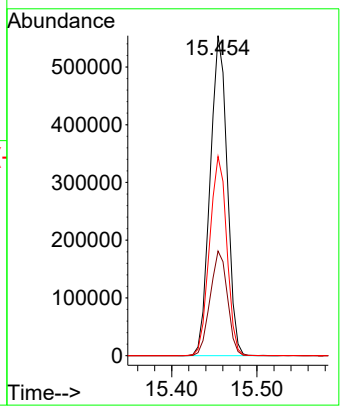


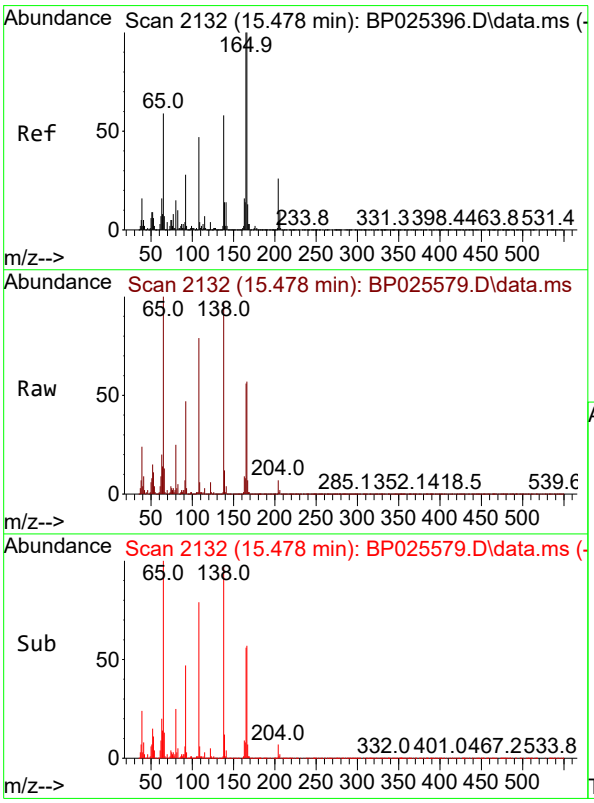
#61
4-Chlorophenyl-phenylether
Concen: 39.502 ng
RT: 15.454 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

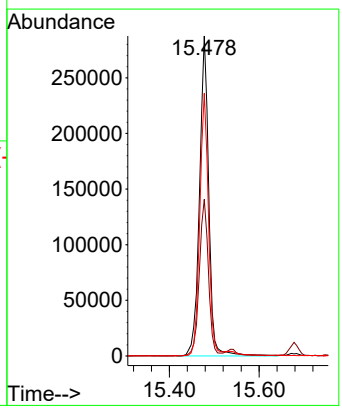


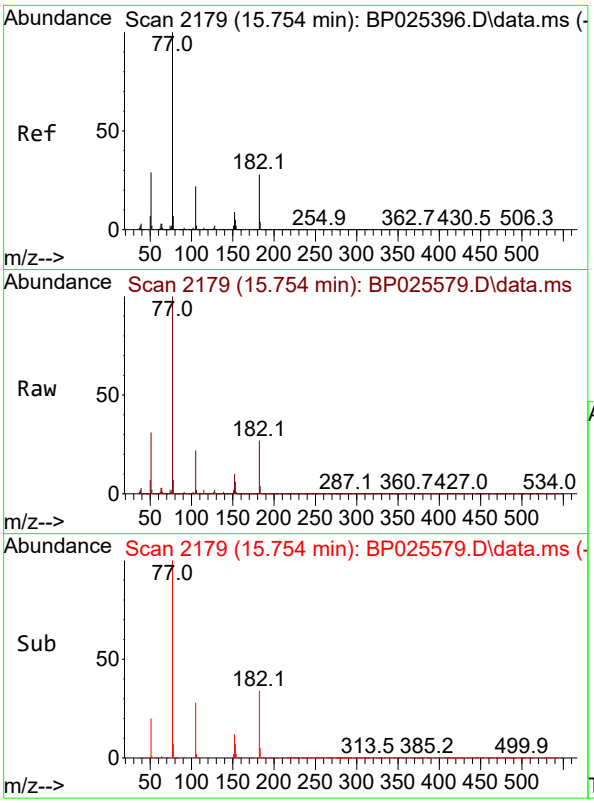


#62
4-Nitroaniline
Concen: 40.483 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



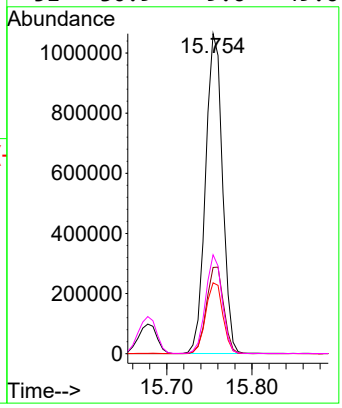


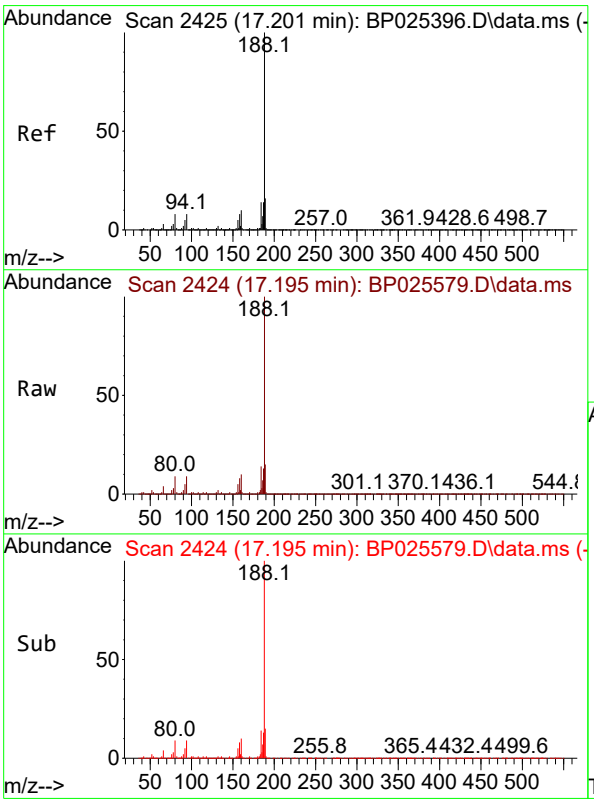
#63
Azobenzene
Concen: 40.216 ng
RT: 15.754 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

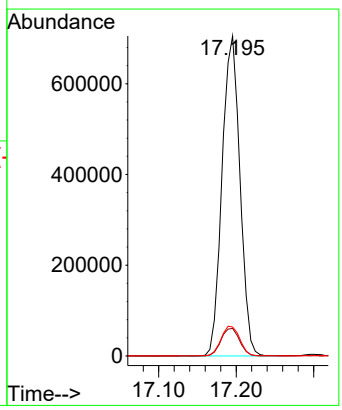


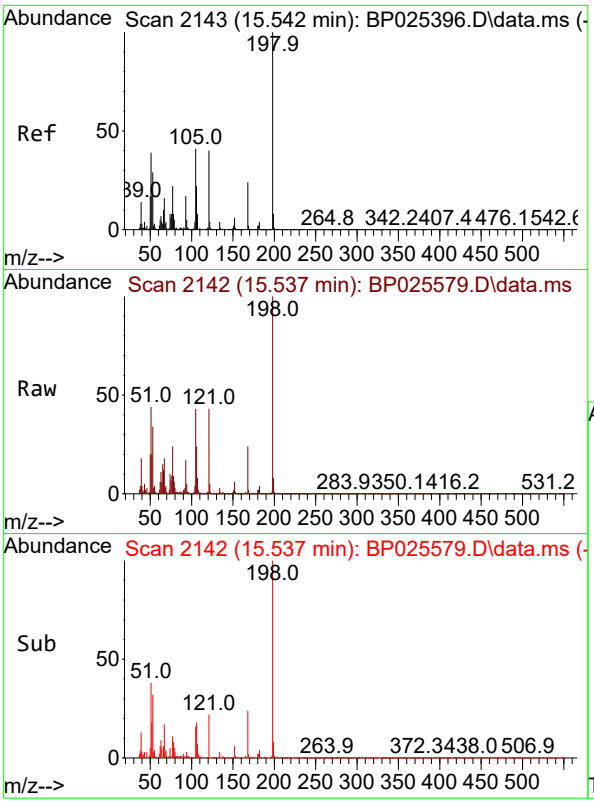


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



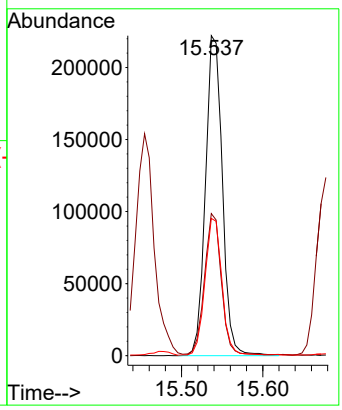


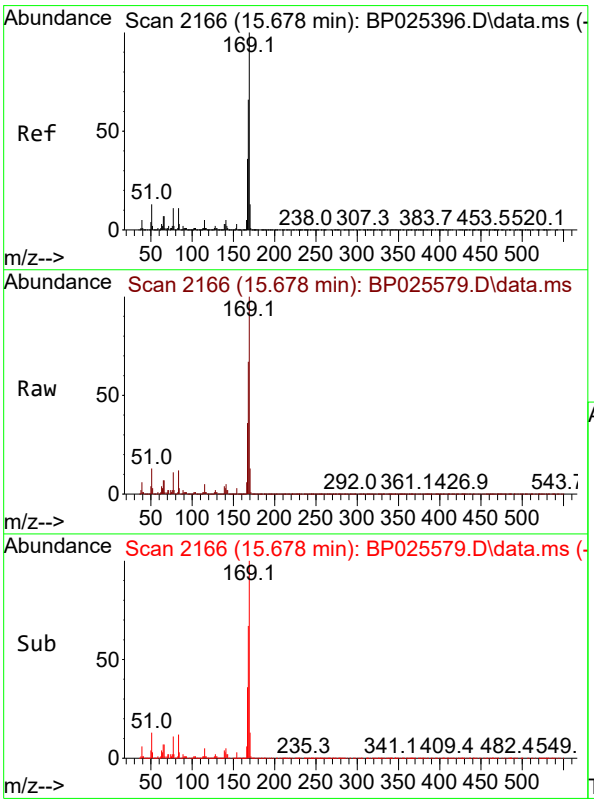
#65
4,6-Dinitro-2-methylphenol
Concen: 45.412 ng
RT: 15.537 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

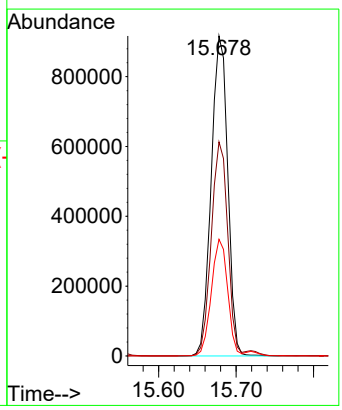


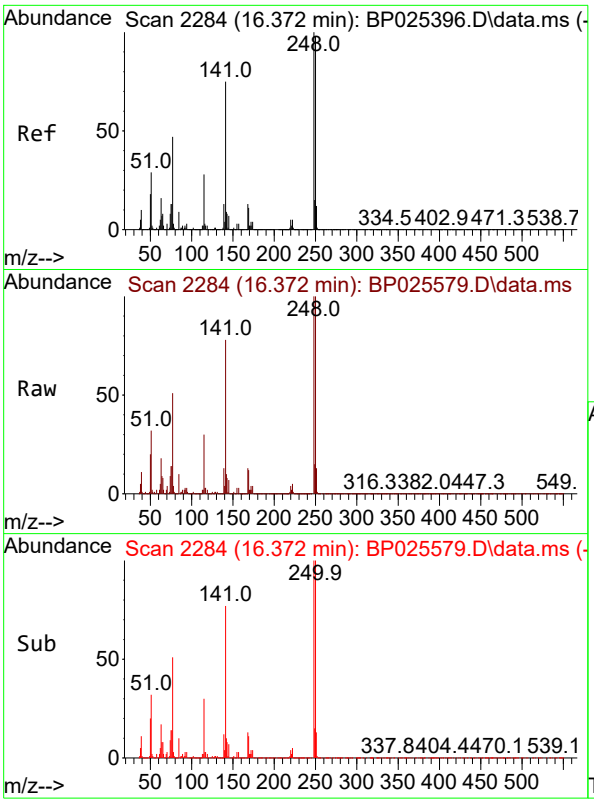


#66
n-Nitrosodiphenylamine
Concen: 39.379 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



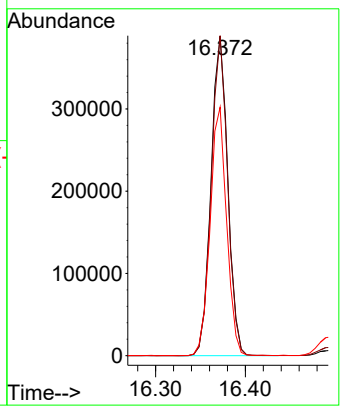


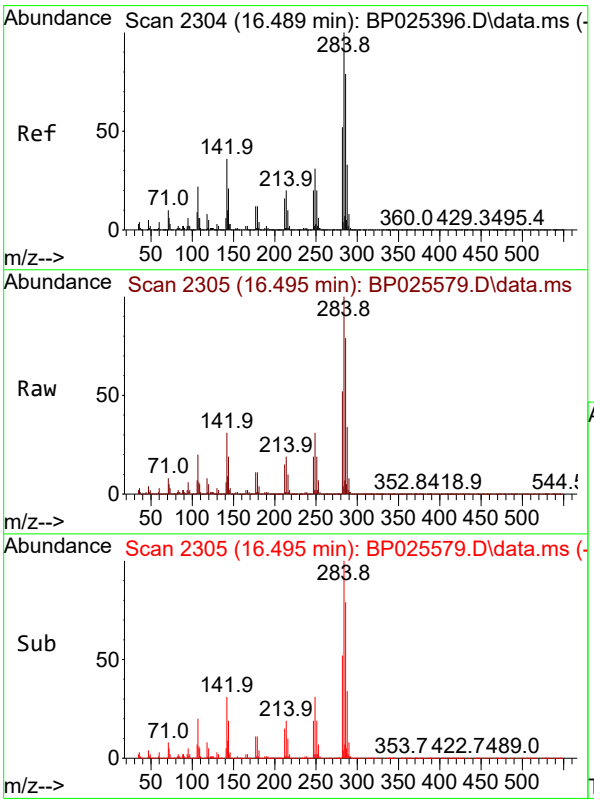
#67
4-Bromophenyl-phenylether
Concen: 40.536 ng
RT: 16.372 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

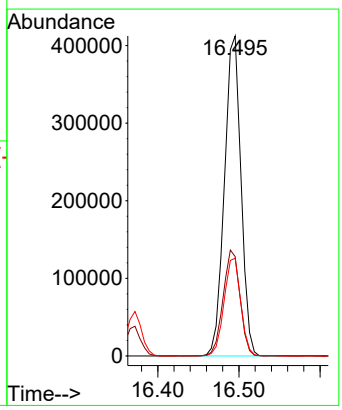


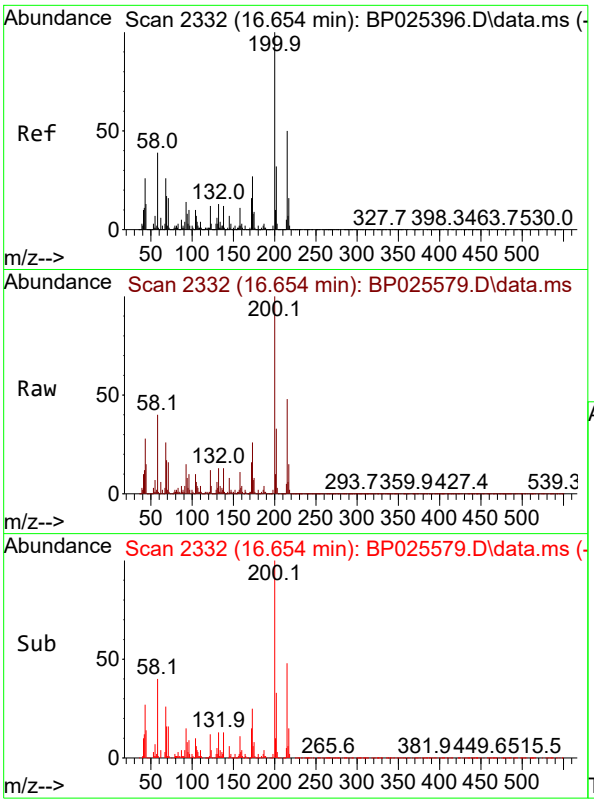


#68
Hexachlorobenzene
Concen: 40.563 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



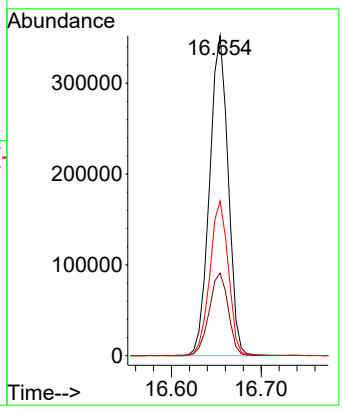


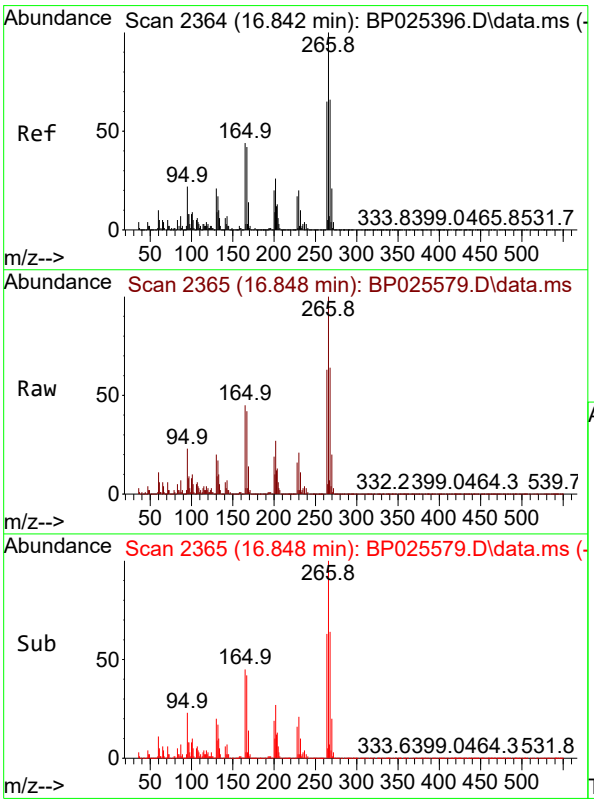
#69
Atrazine
Concen: 39.294 ng
RT: 16.654 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

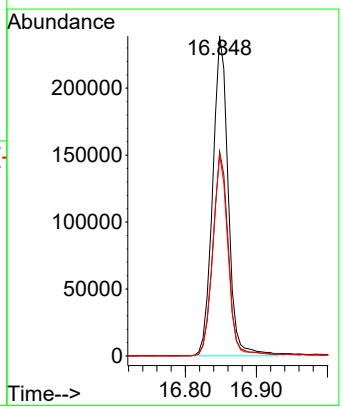


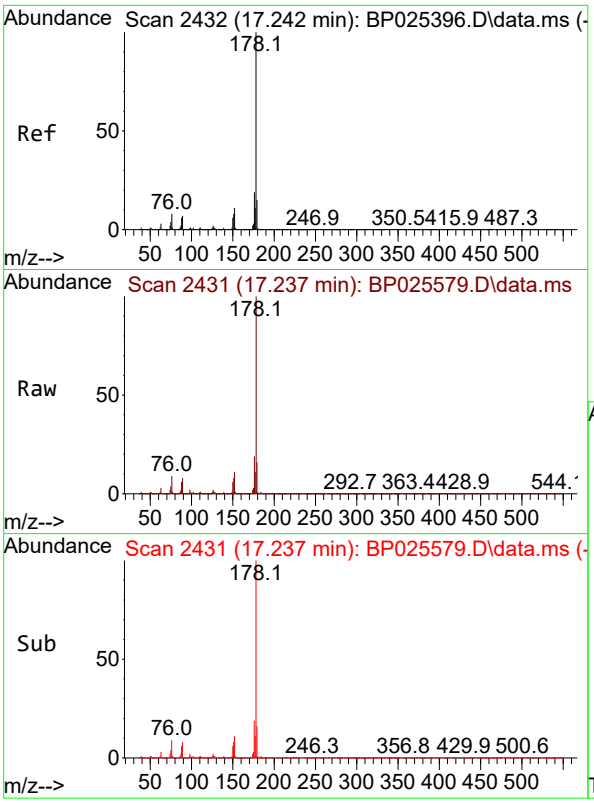


#70
Pentachlorophenol
Concen: 39.786 ng
RT: 16.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



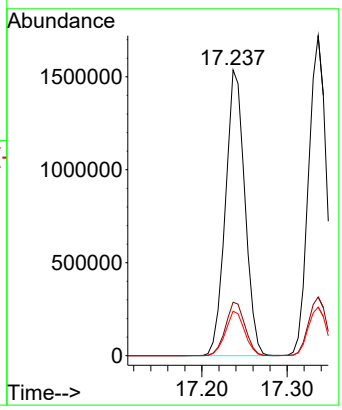


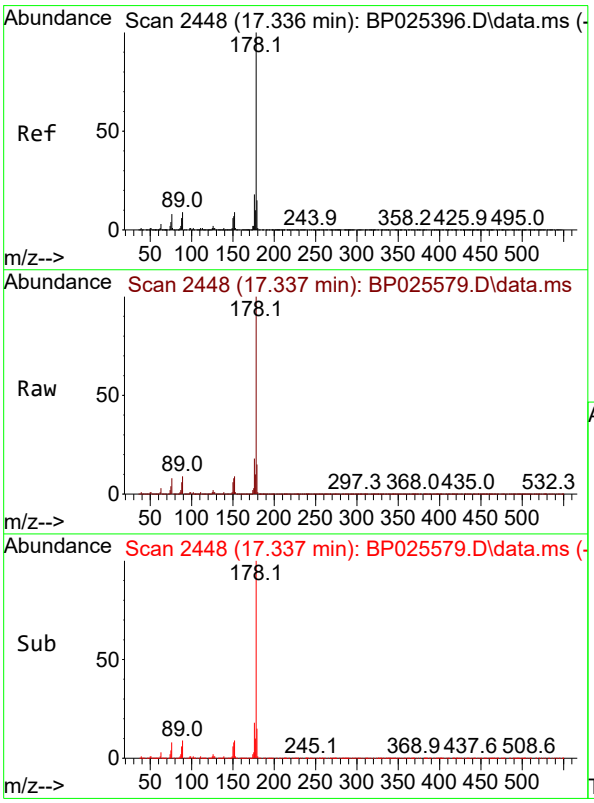
#71
Phenanthrene
Concen: 39.153 ng
RT: 17.237 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

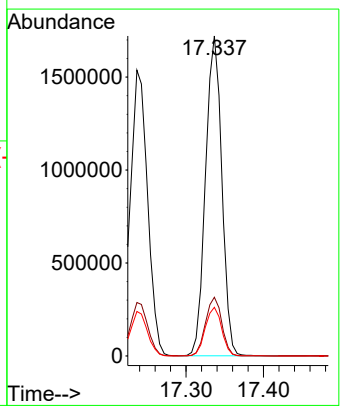


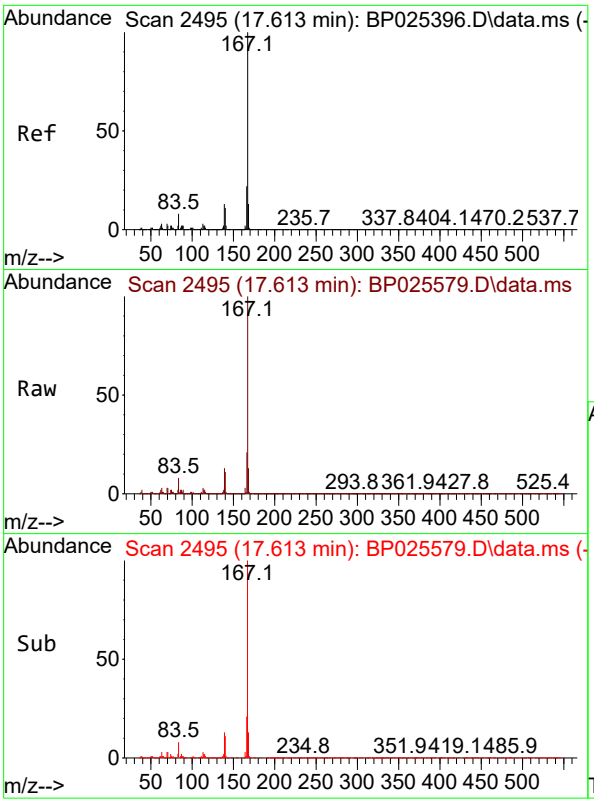


#72
Anthracene
Concen: 39.548 ng
RT: 17.337 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



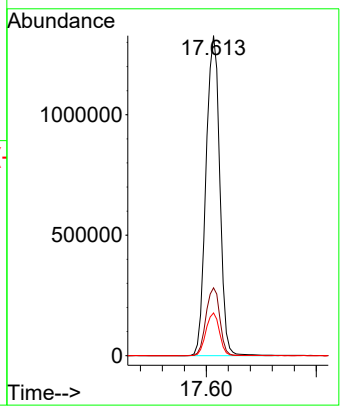


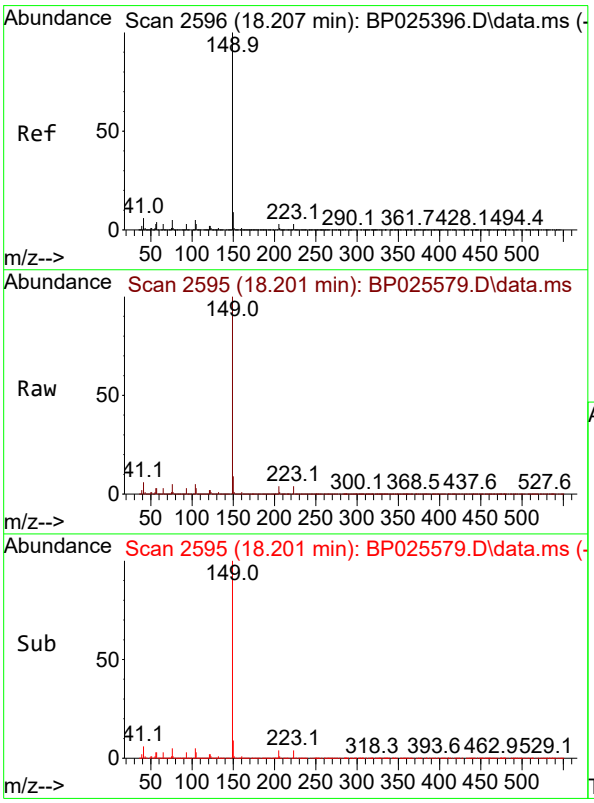
#73
Carbazole
Concen: 38.538 ng
RT: 17.613 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

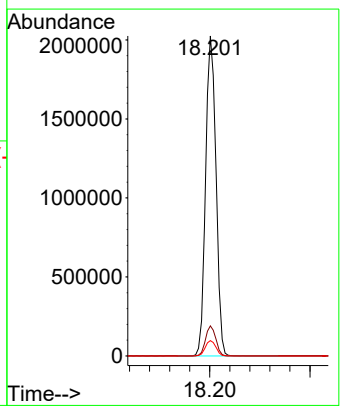


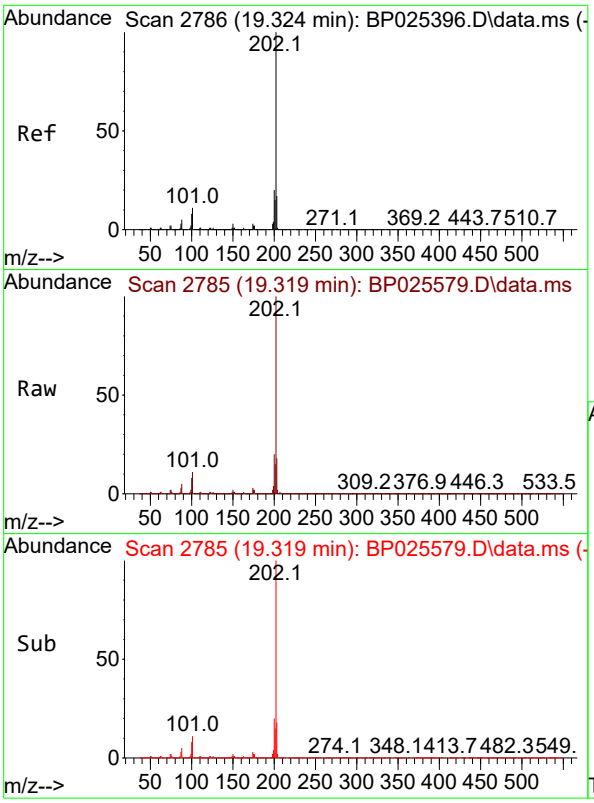


#74
Di-n-butylphthalate
Concen: 39.626 ng
RT: 18.201 min Scan# 2595
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



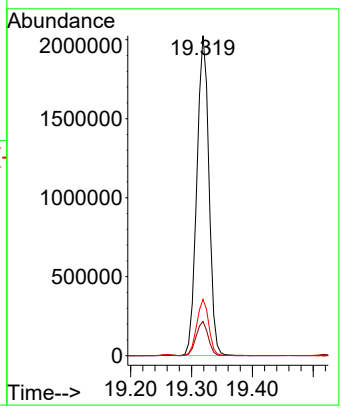


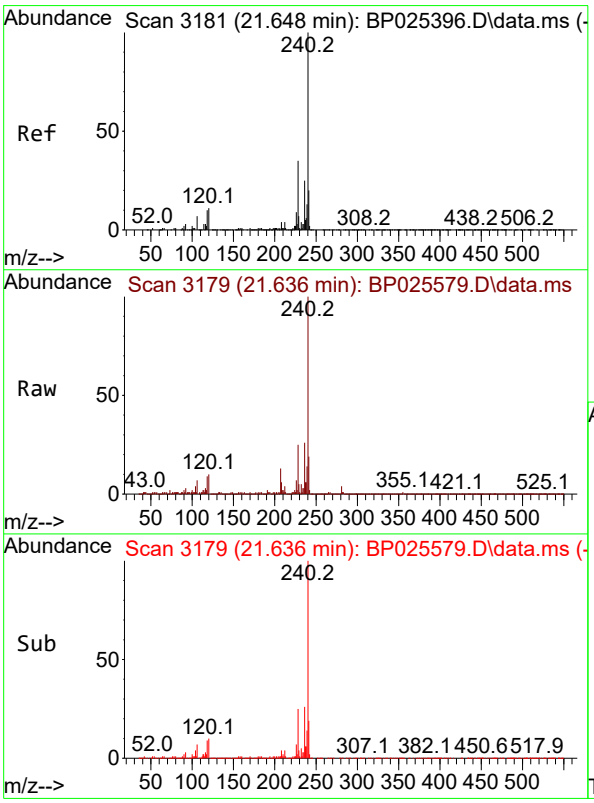
#75
Fluoranthene
Concen: 37.670 ng
RT: 19.319 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

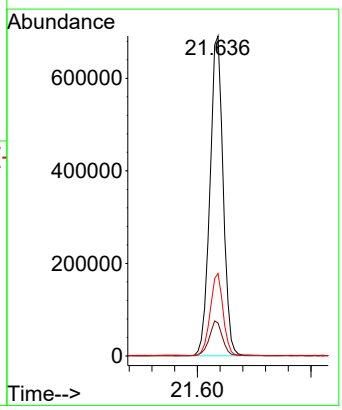


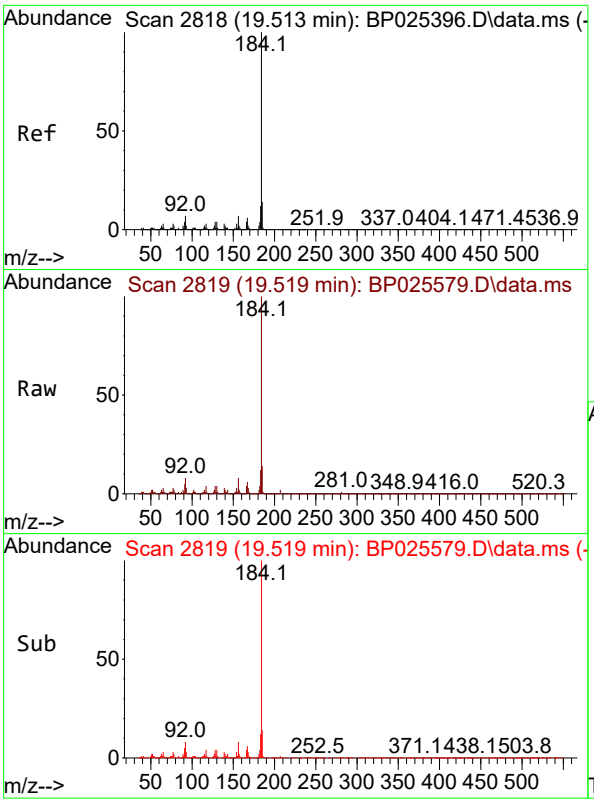


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



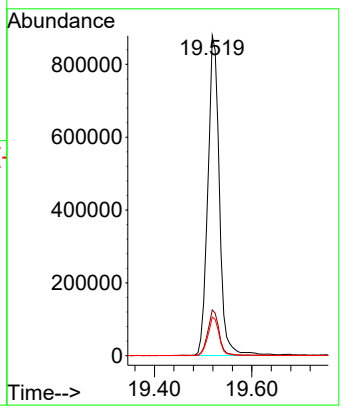


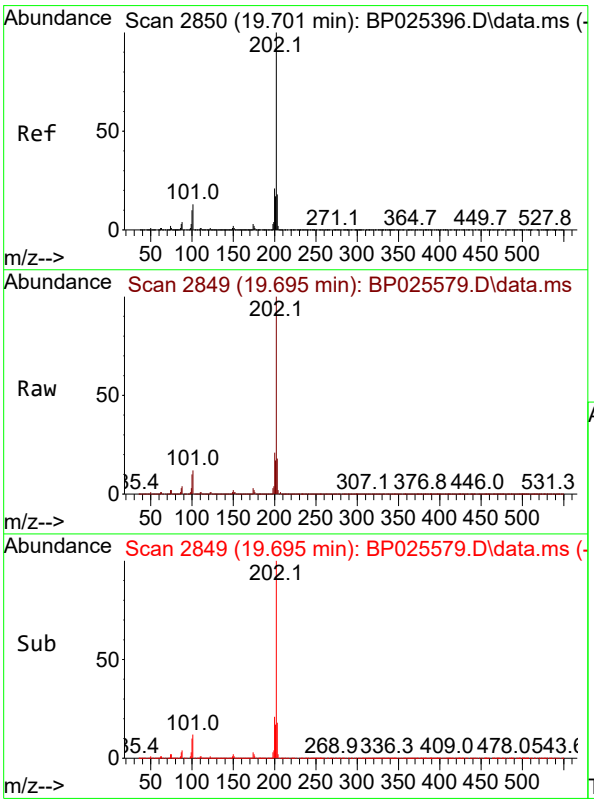
#77
Benzidine
Concen: 38.109 ng
RT: 19.519 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

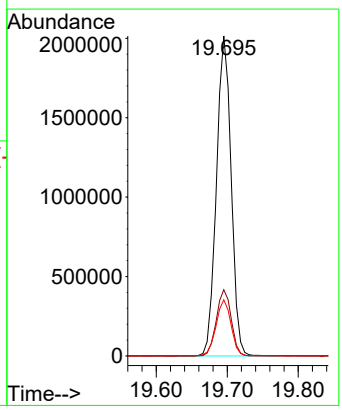


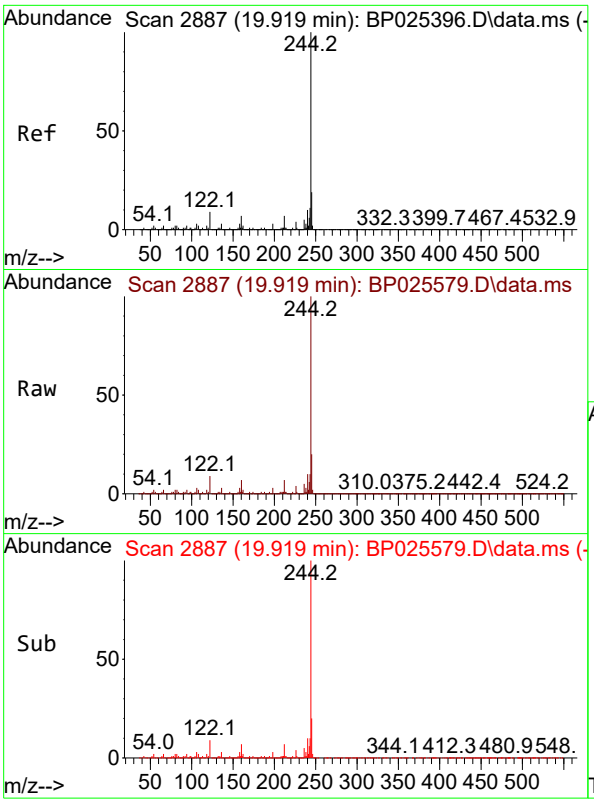


#78
Pyrene
Concen: 39.921 ng
RT: 19.695 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



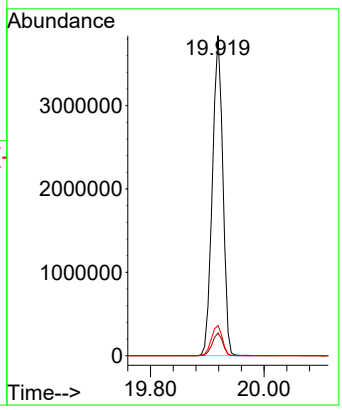


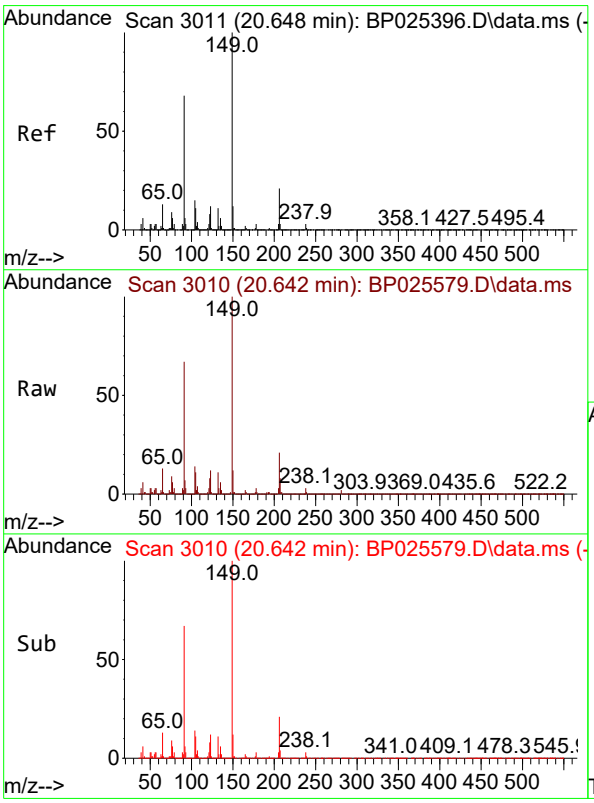
#79
Terphenyl-d14
Concen: 80.370 ng
RT: 19.919 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

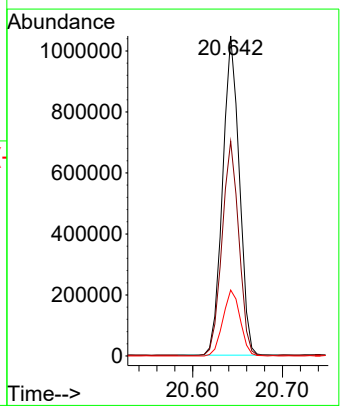


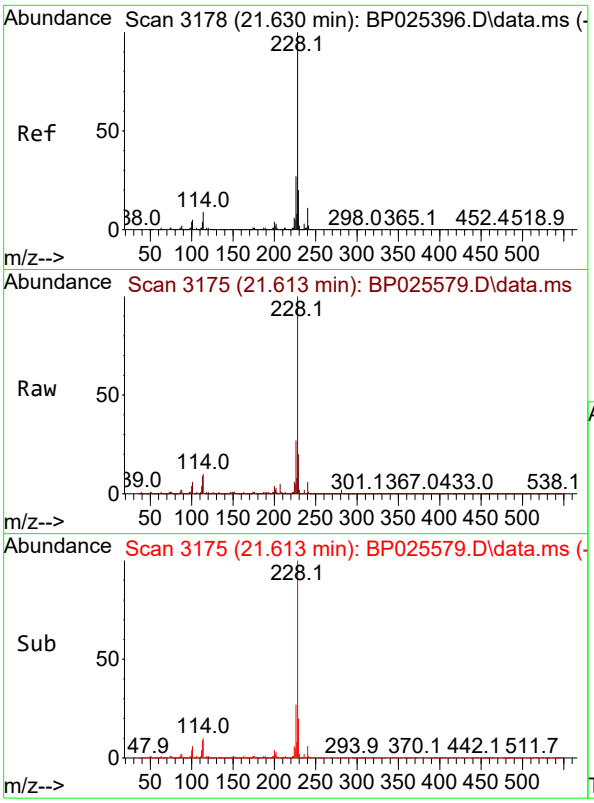


#80
Butylbenzylphthalate
Concen: 41.353 ng
RT: 20.642 min Scan# 3010
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



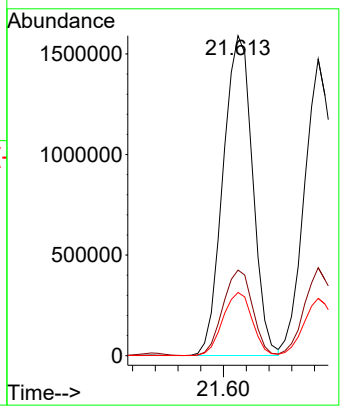


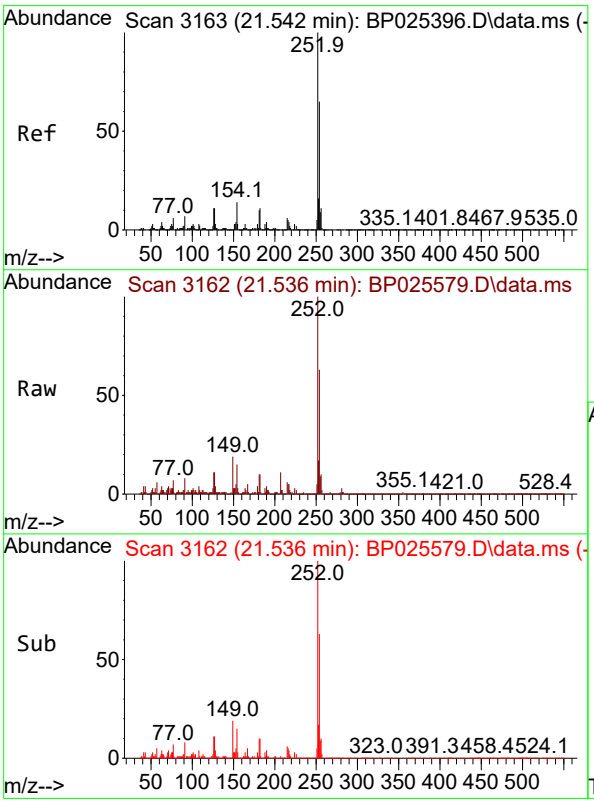
#81
Benzo(a)anthracene
Concen: 39.246 ng
RT: 21.613 min Scan# 3
Delta R.T. -0.017 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

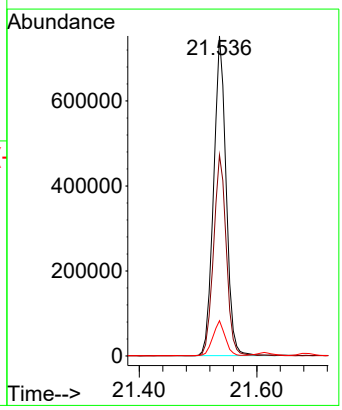


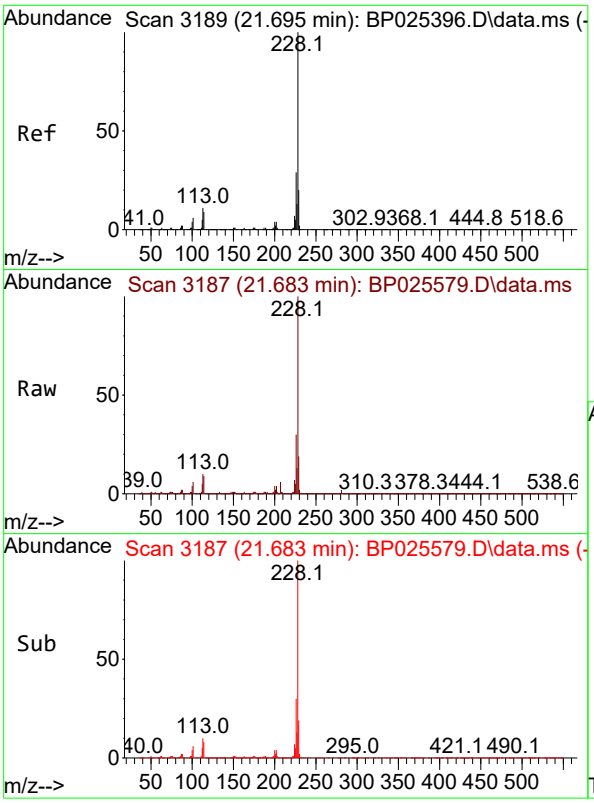


#82
3,3'-Dichlorobenzidine
Concen: 40.161 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



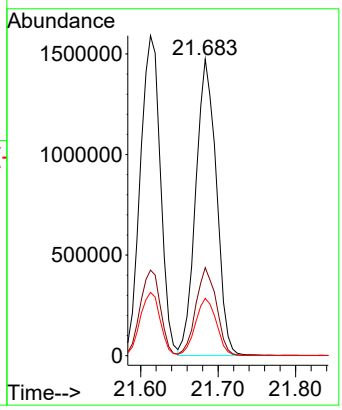


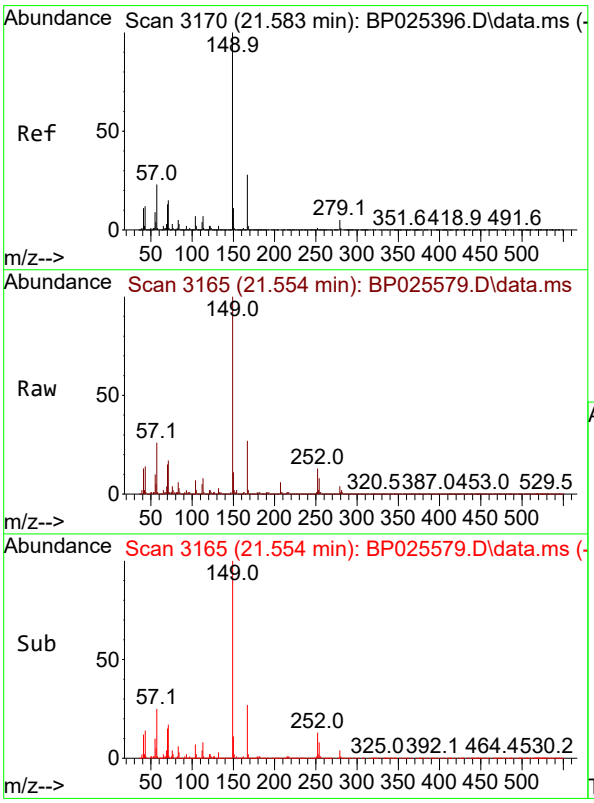
#83
Chrysene
Concen: 39.608 ng
RT: 21.683 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

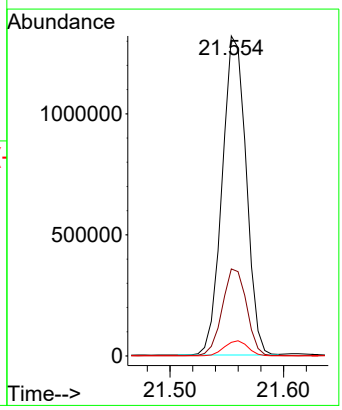


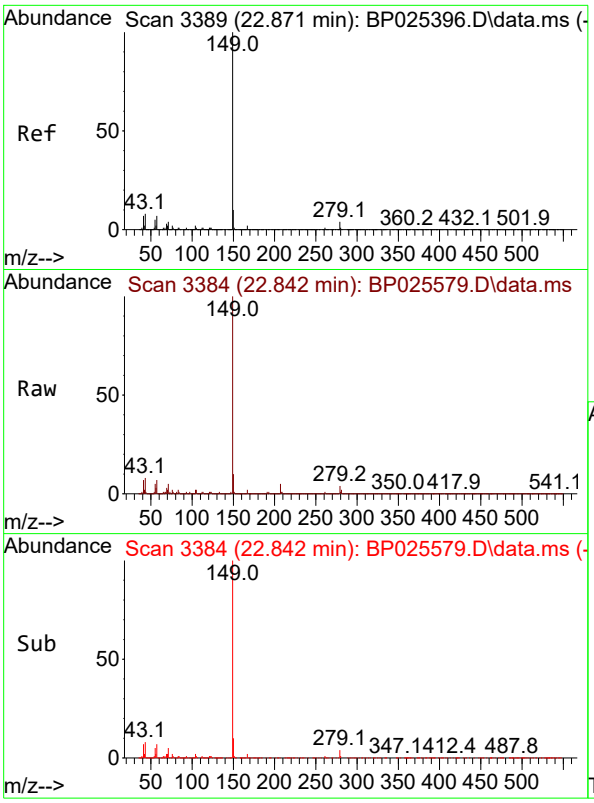


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.185 ng
RT: 21.554 min Scan# 3165
Delta R.T. -0.029 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



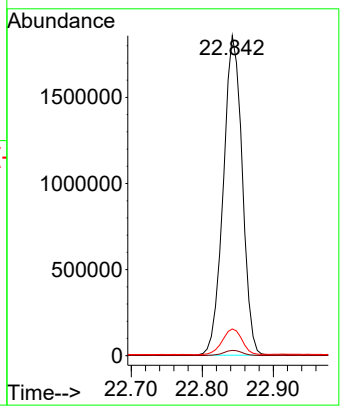


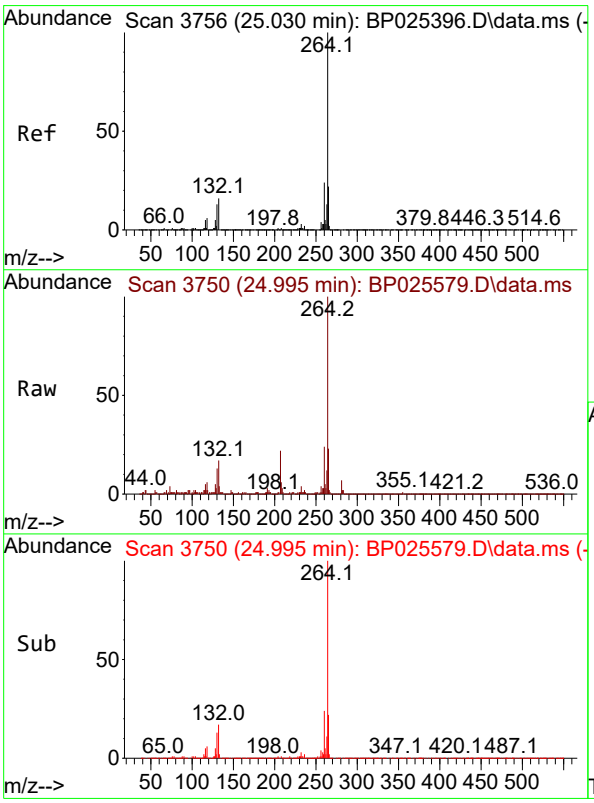
#85
Di-n-octyl phthalate
Concen: 41.424 ng
RT: 22.842 min Scan# 3
Delta R.T. -0.029 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

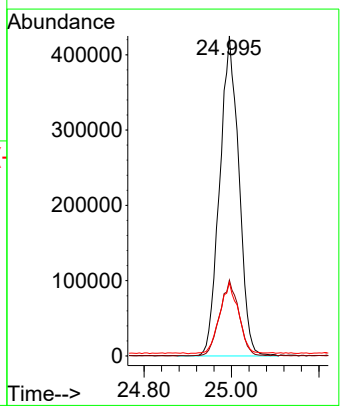


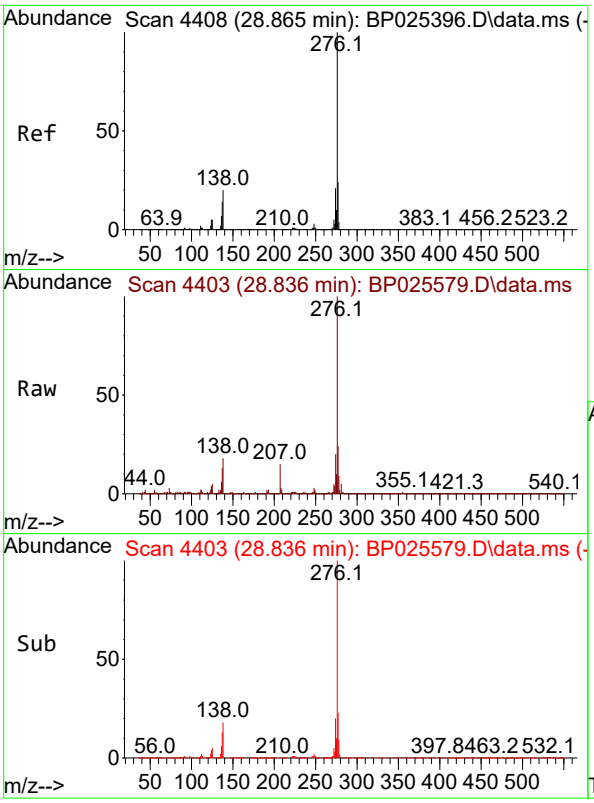


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.995 min Scan# 3750
Delta R.T. -0.035 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



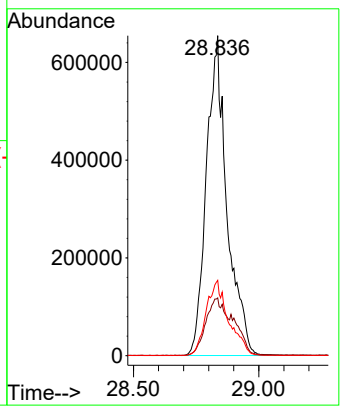


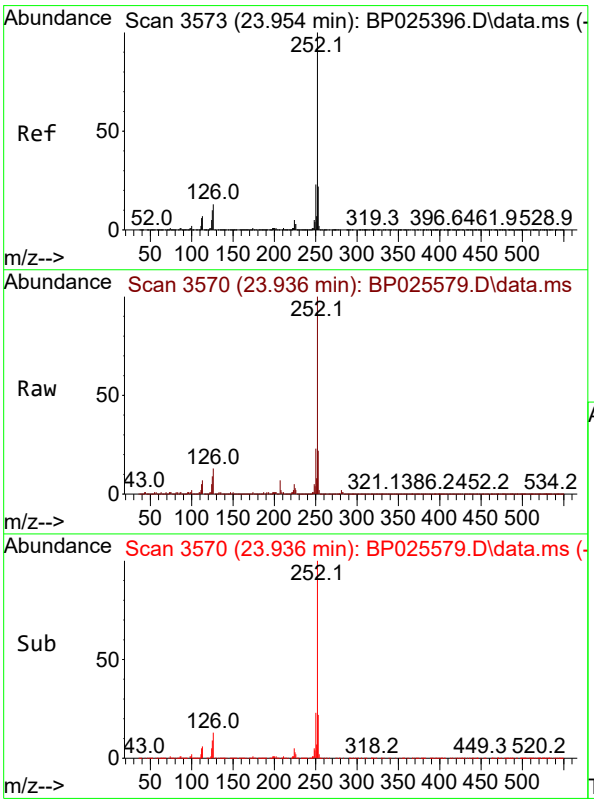
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.314 ng
RT: 28.836 min Scan# 4
Delta R.T. -0.029 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

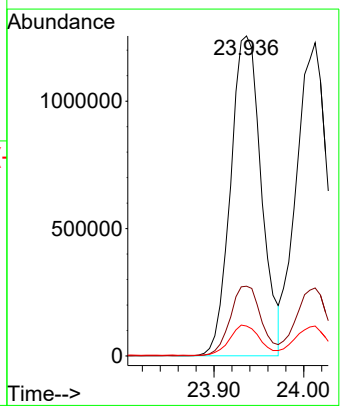


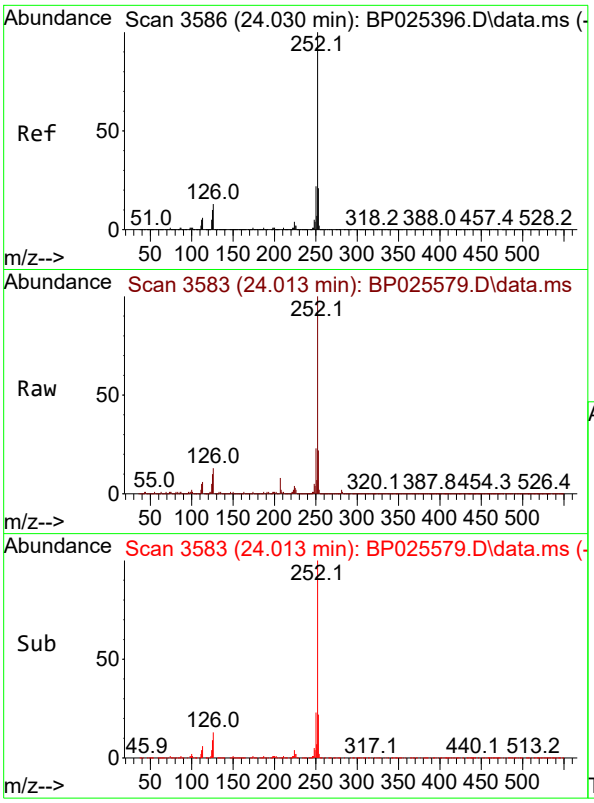


#88
Benzo(b)fluoranthene
Concen: 39.263 ng
RT: 23.936 min Scan# 3570
Delta R.T. -0.017 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



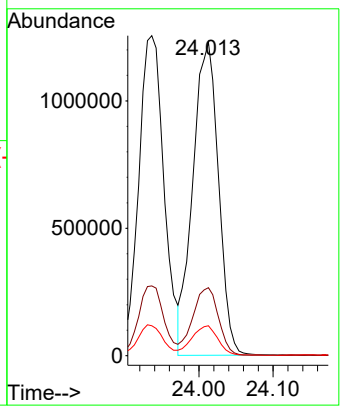


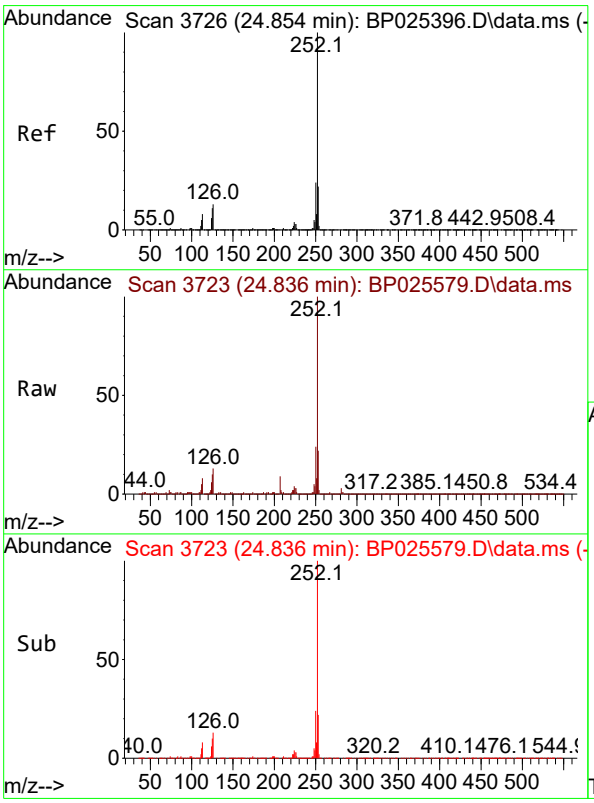
#89
Benzo(k)fluoranthene
Concen: 38.657 ng
RT: 24.013 min Scan# 3
Delta R.T. -0.017 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

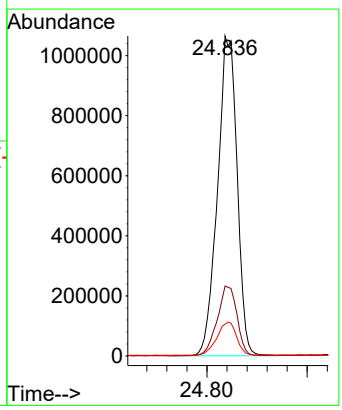


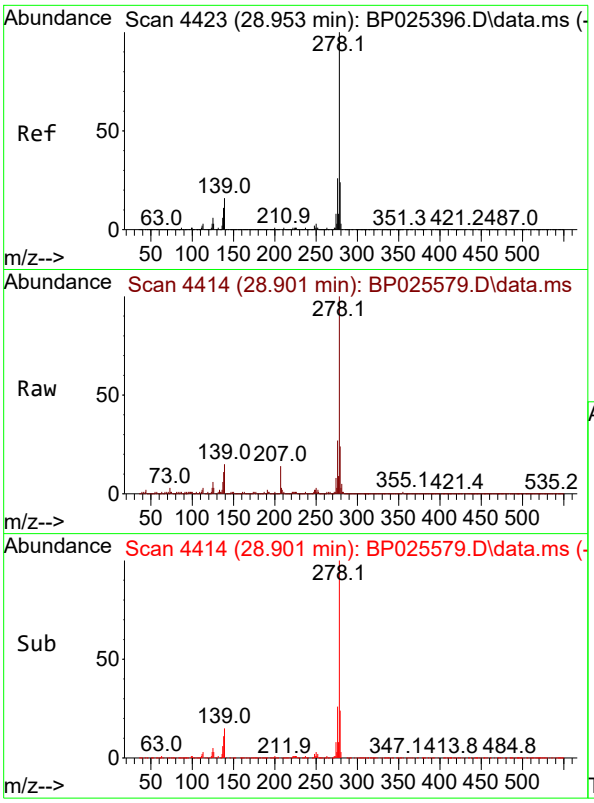


#90
Benzo(a)pyrene
Concen: 38.942 ng
RT: 24.836 min Scan# 3723
Delta R.T. -0.017 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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



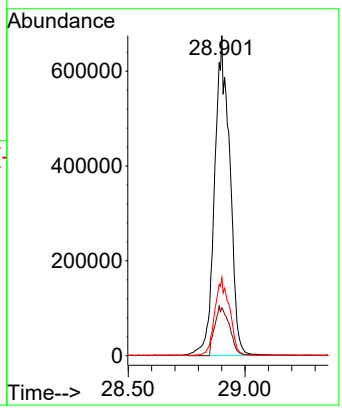


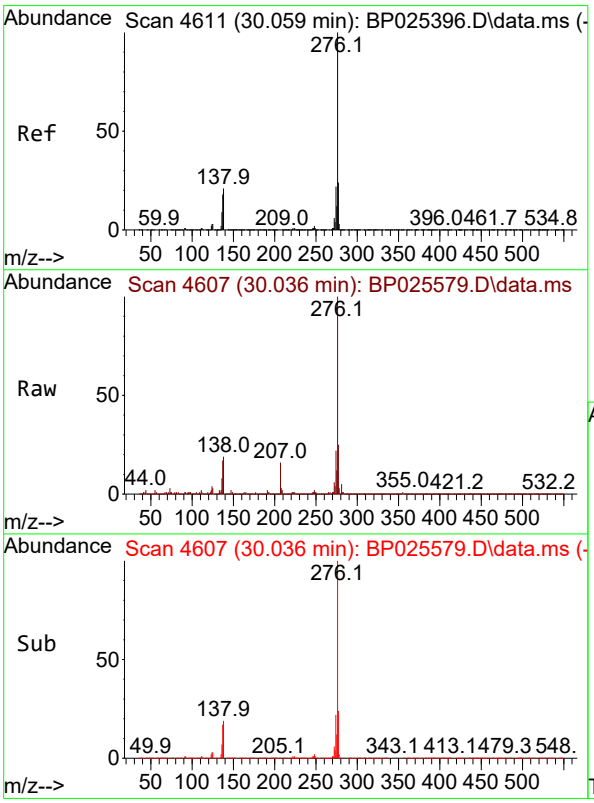
#91
Dibenzo(a,h)anthracene
Concen: 39.344 ng
RT: 28.901 min Scan# 4
Delta R.T. -0.053 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

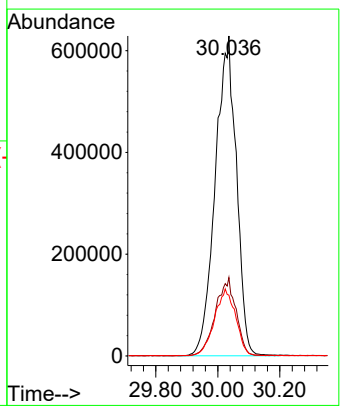




#92
Benzo(g,h,i)perylene
Concen: 38.932 ng
RT: 30.036 min Scan# 4607
Delta R.T. -0.023 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

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

Raw Data: **BP025596.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: AECO02

Lab Code: ACE SDG No.: Q2924

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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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2924

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

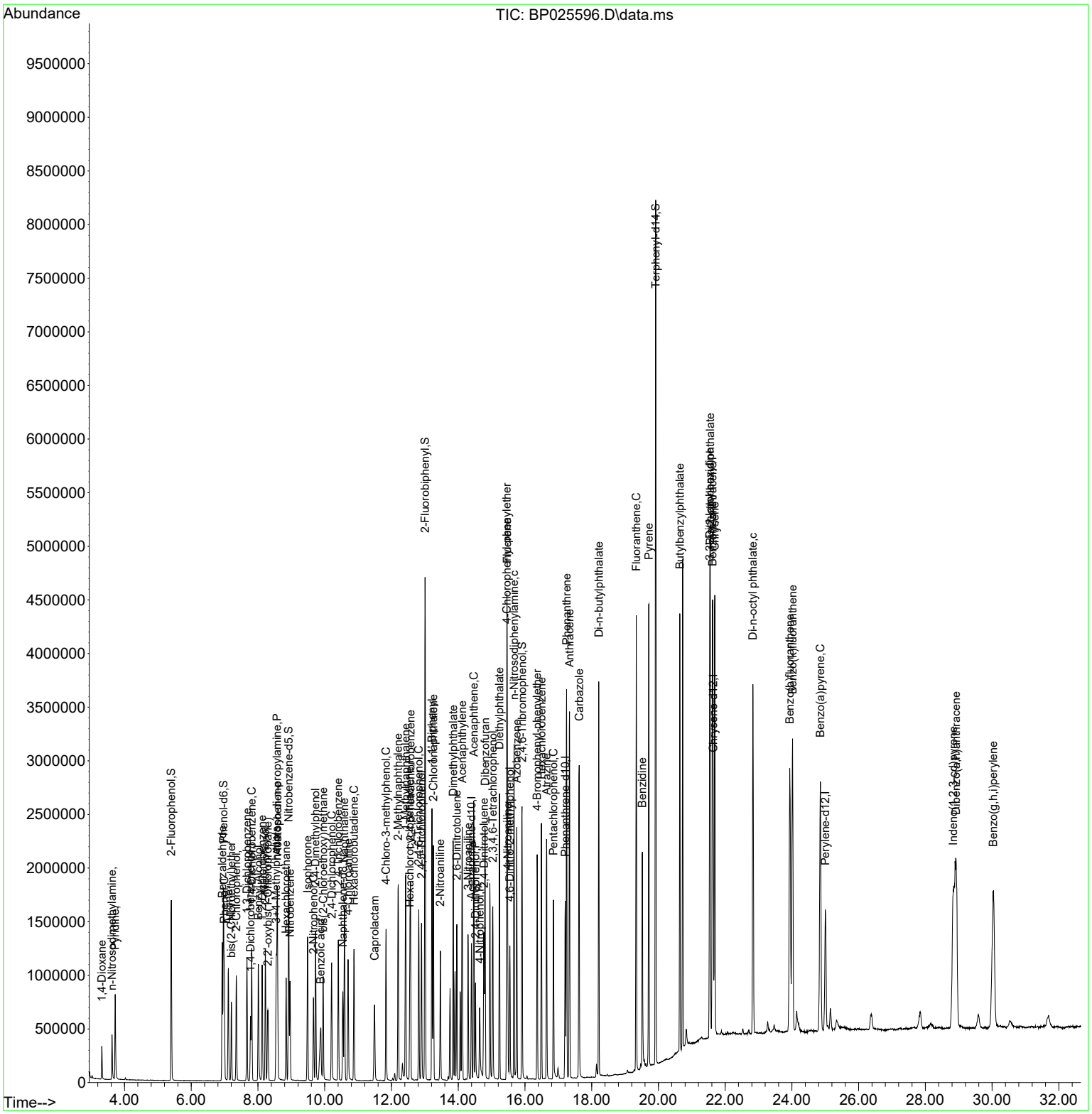
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.902	196	392969	39.644	ng		98
46) 1,1'-Biphenyl	13.213	154	1299218	38.565	ng		99
47) 2-Chloronaphthalene	13.254	162	1015269	38.712	ng		99
48) 2-Nitroaniline	13.466	65	333661	43.663	ng		98
49) Acenaphthylene	14.119	152	1694793	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

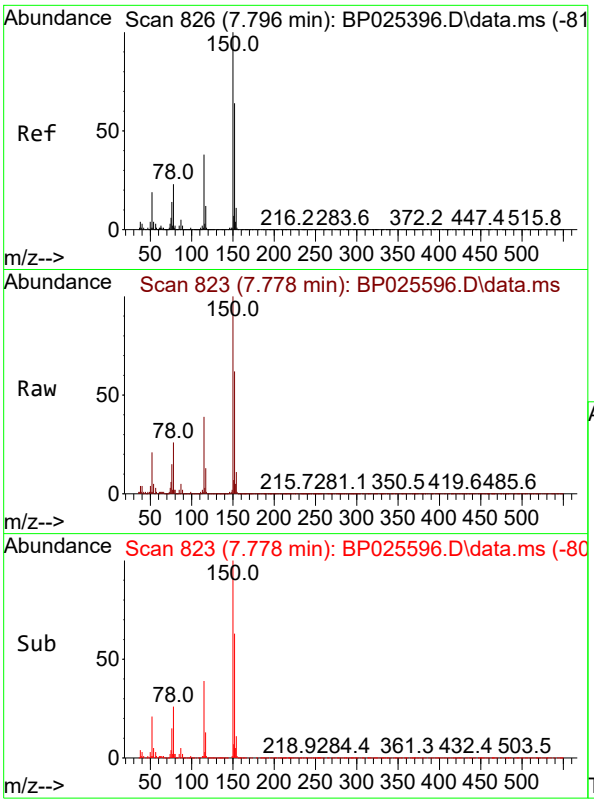
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



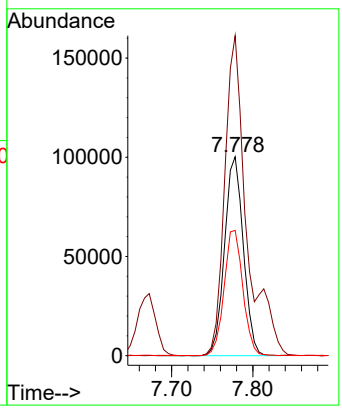


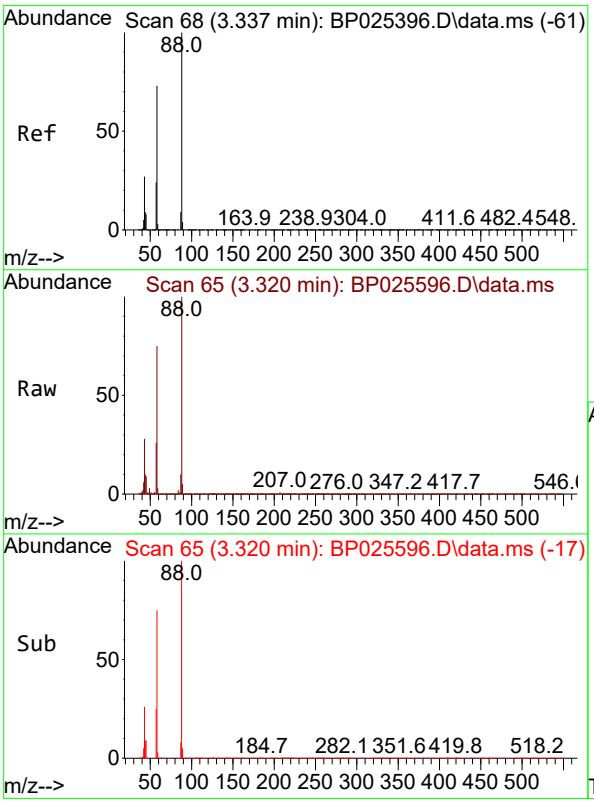
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

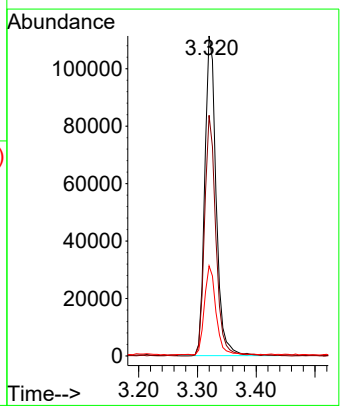


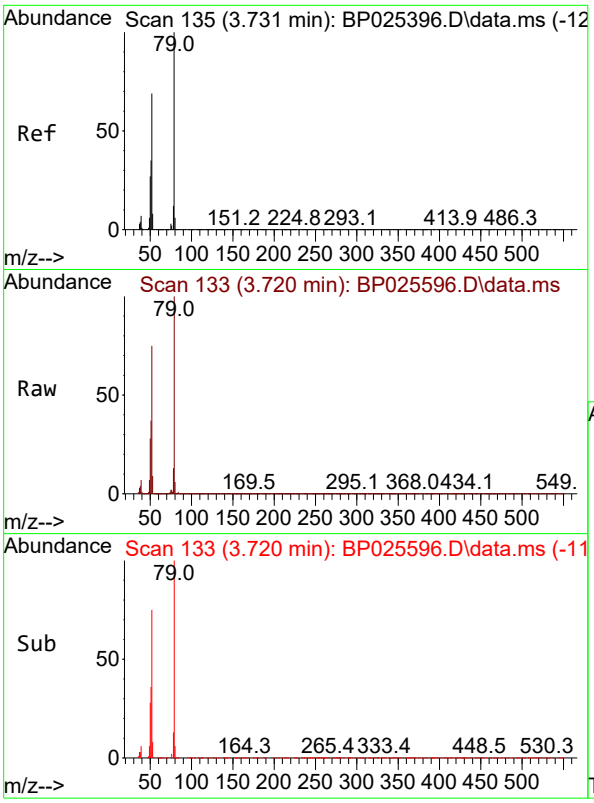


#2
1,4-Dioxane
Concen: 39.219 ng
RT: 3.320 min Scan# 65
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



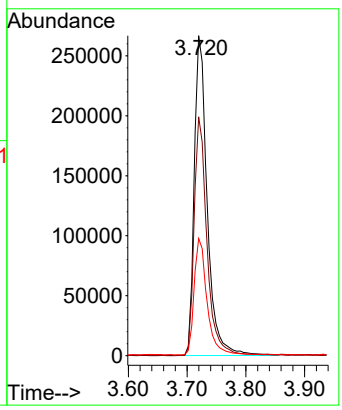


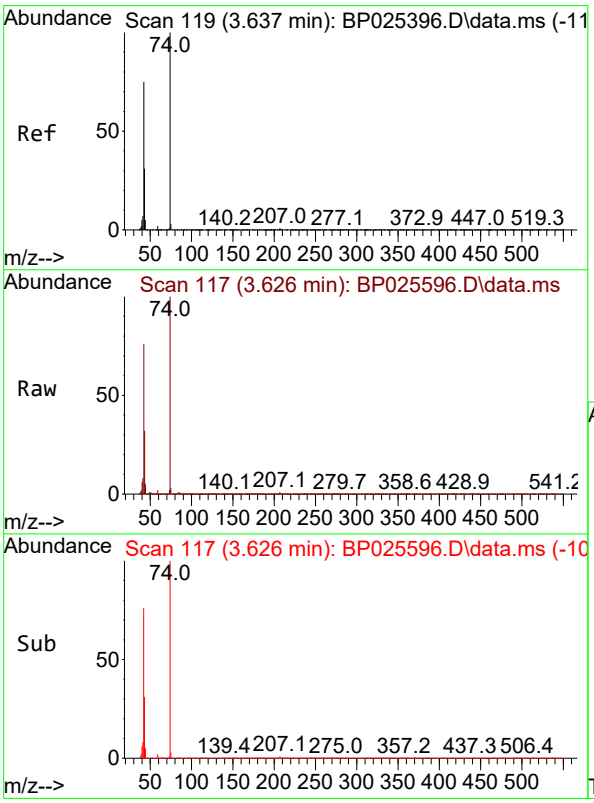
#3
Pyridine
Concen: 39.220 ng
RT: 3.720 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

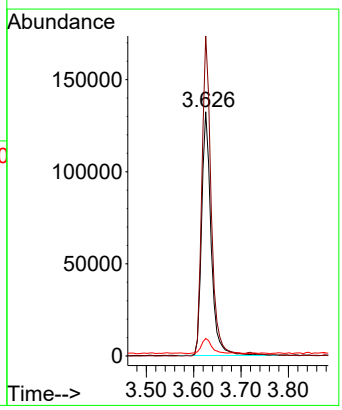


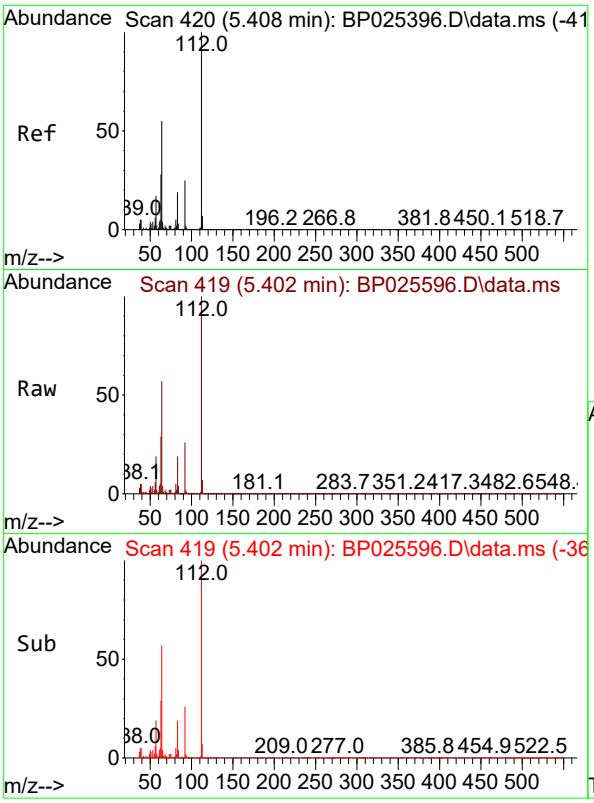


#4
n-Nitrosodimethylamine
Concen: 42.492 ng
RT: 3.626 min Scan# 117
Delta R.T. -0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



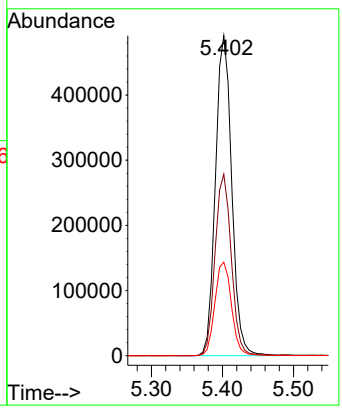


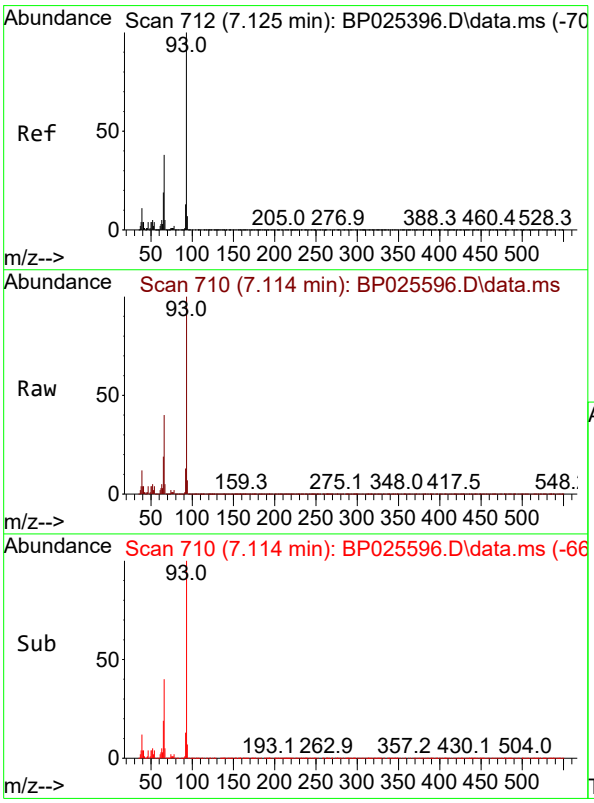
#5
2-Fluorophenol
Concen: 79.975 ng
RT: 5.402 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

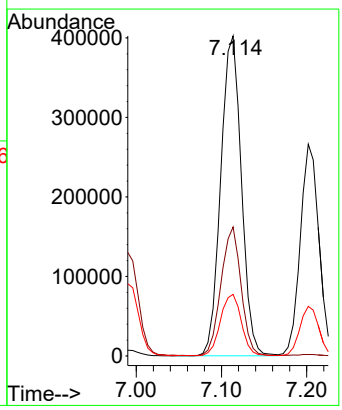


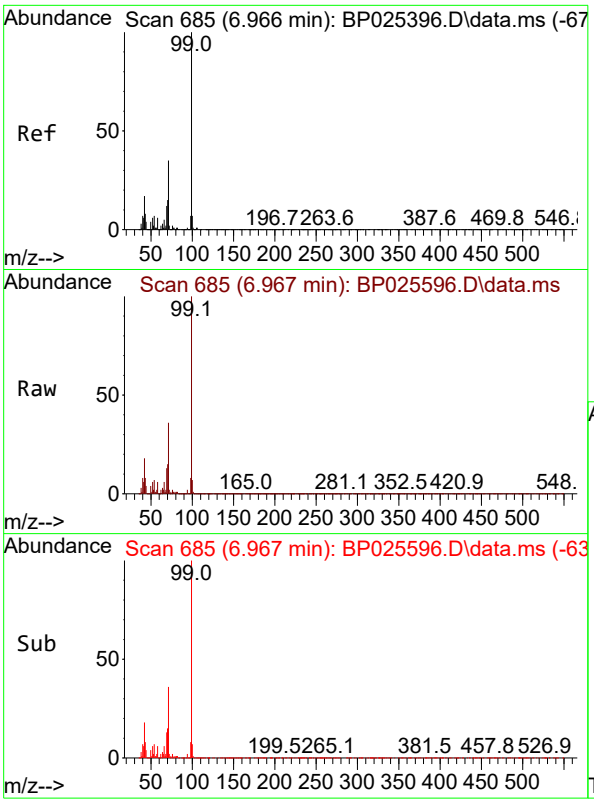


#6
Aniline
Concen: 40.251 ng
RT: 7.114 min Scan# 710
Delta R.T. -0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



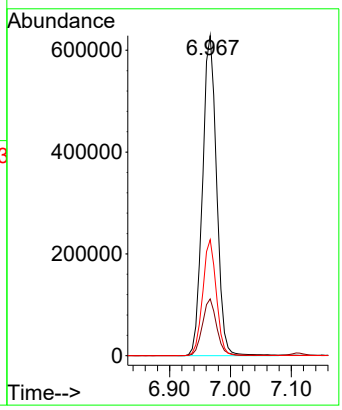


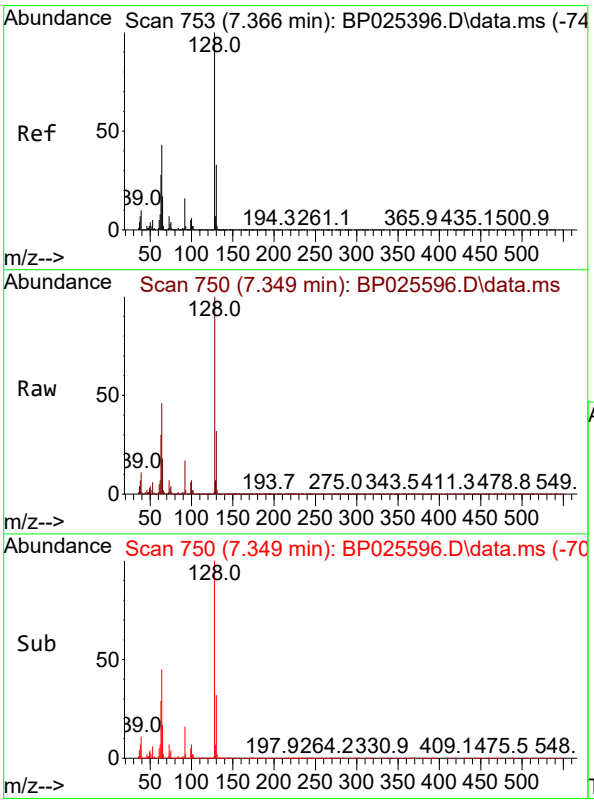
#7
Phenol-d6
Concen: 80.965 ng
RT: 6.967 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

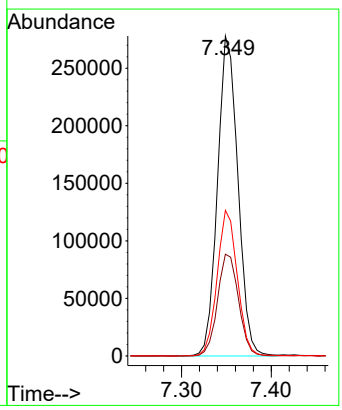


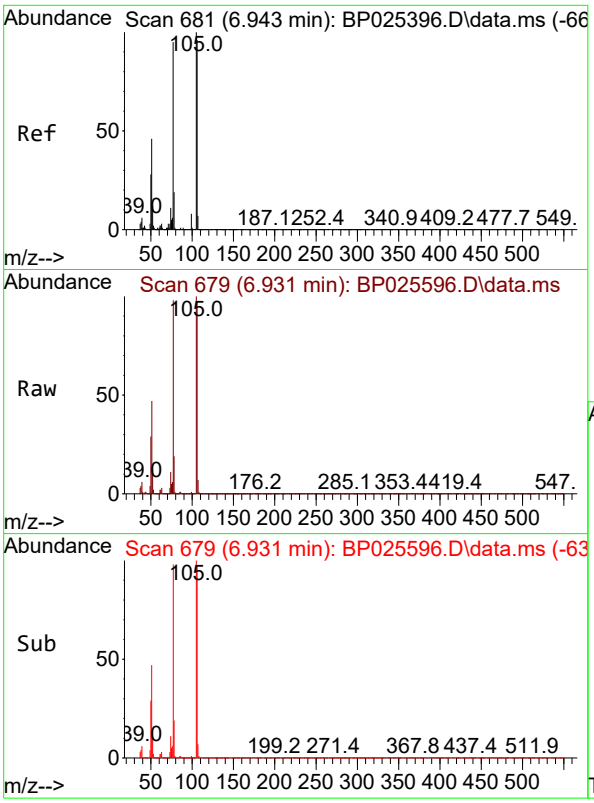


#8
2-Chlorophenol
Concen: 39.900 ng
RT: 7.349 min Scan# 750
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



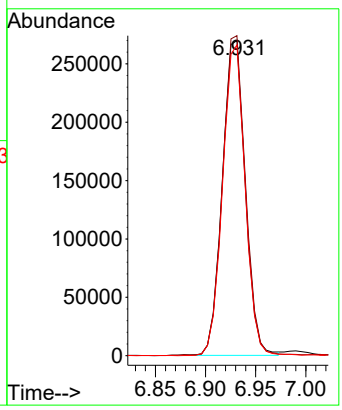


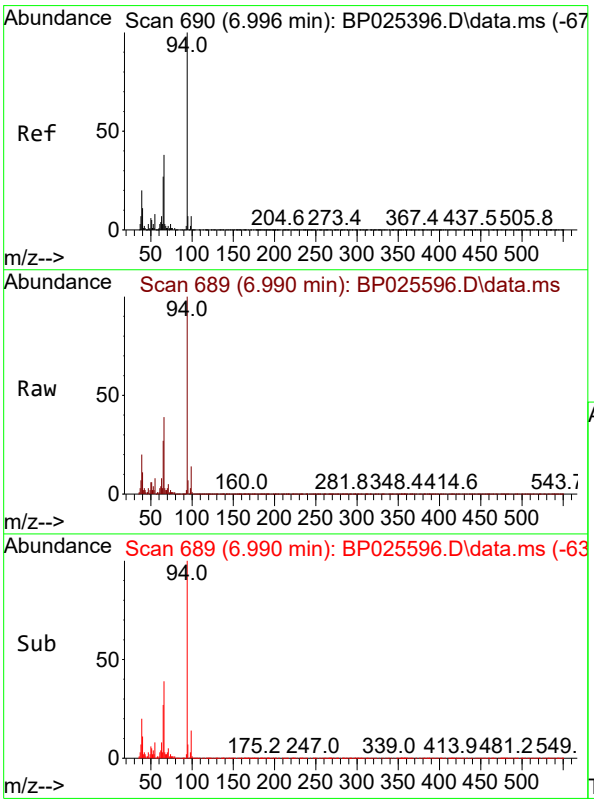
#9
Benzaldehyde
Concen: 48.816 ng
RT: 6.931 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

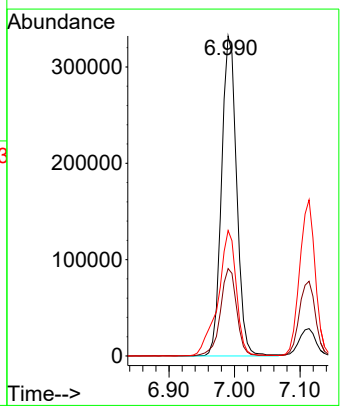


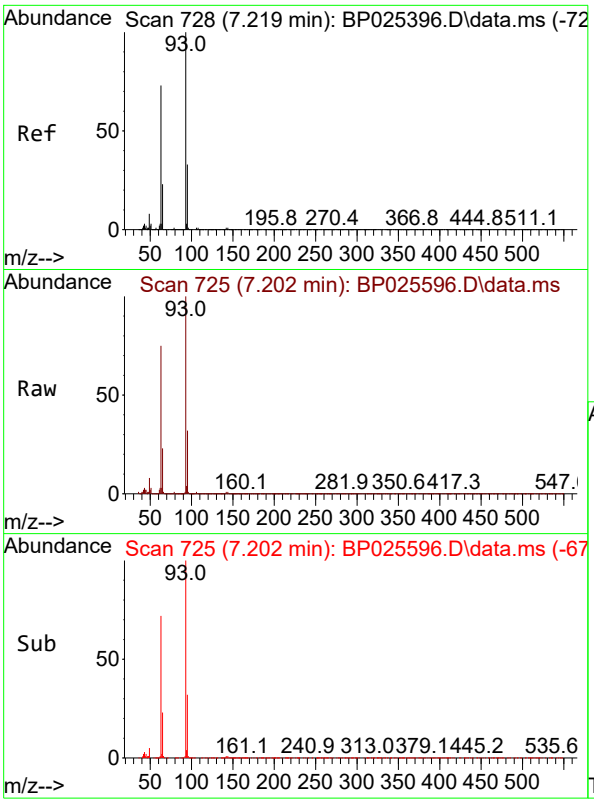


#10
Phenol
Concen: 40.395 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



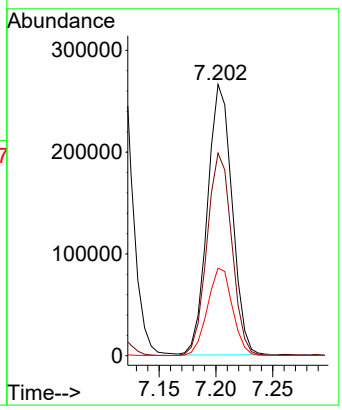


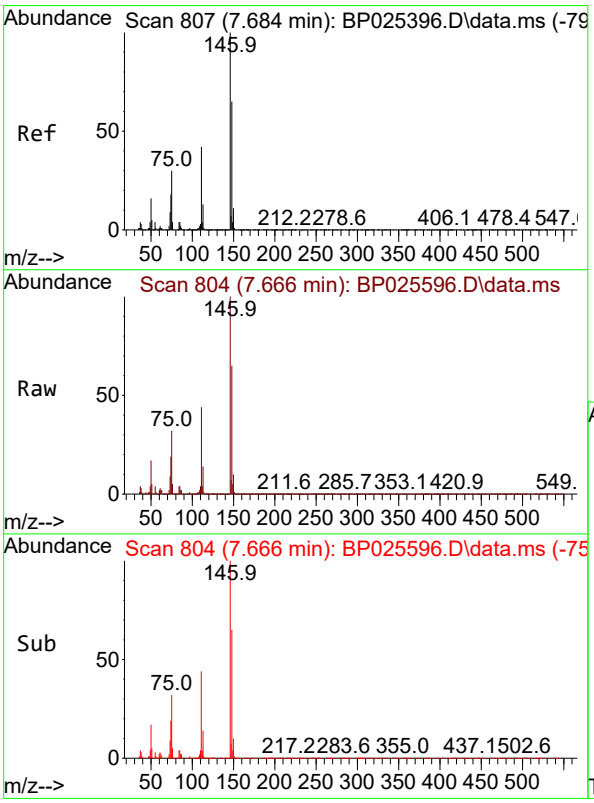
#11
bis(2-Chloroethyl)ether
Concen: 39.351 ng
RT: 7.202 min Scan# 7
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

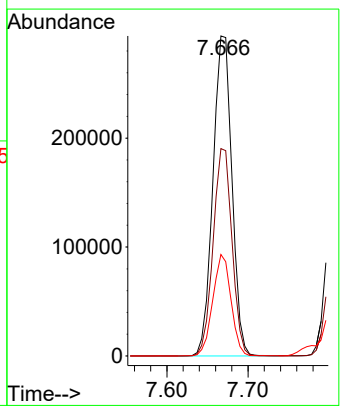


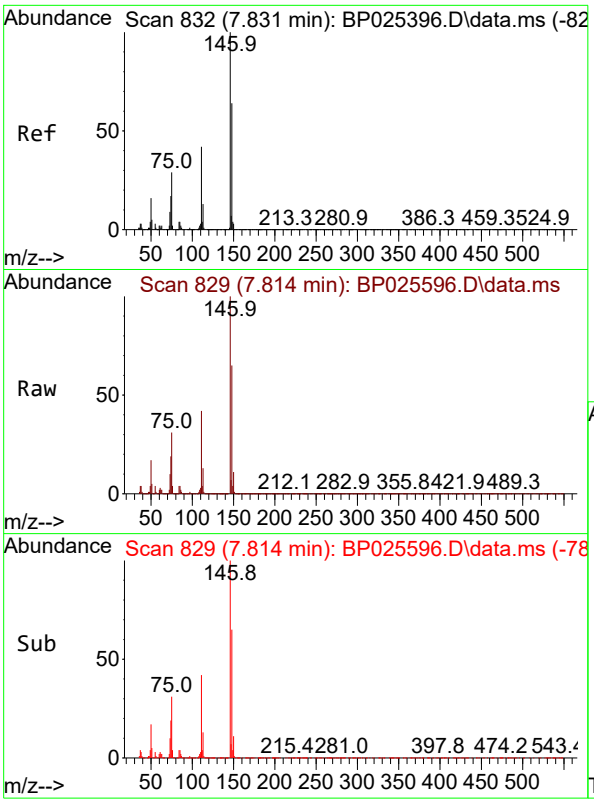


#12
1,3-Dichlorobenzene
Concen: 39.463 ng
RT: 7.666 min Scan# 804
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



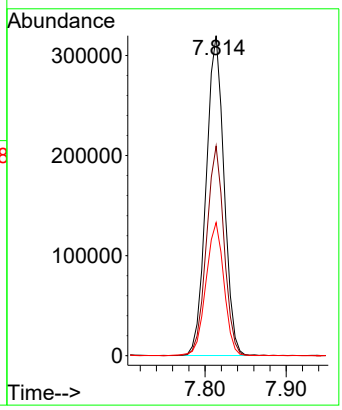


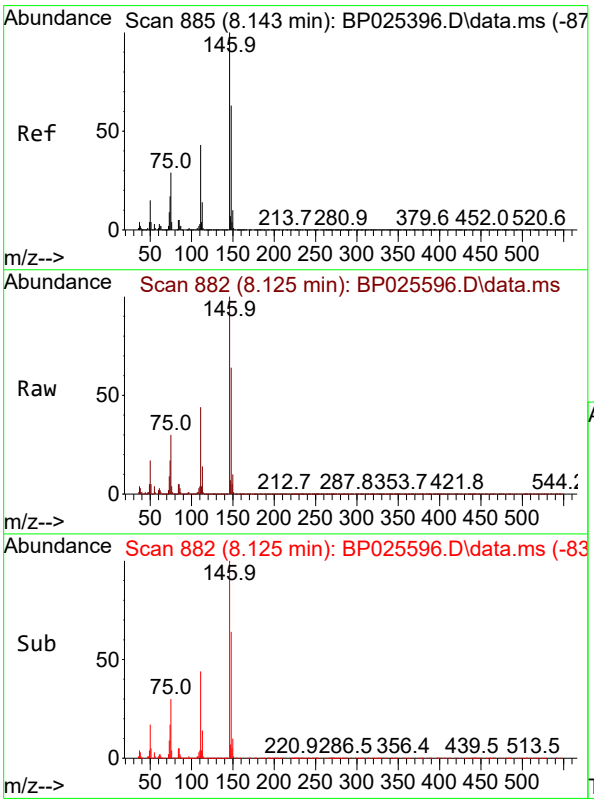
#13
1,4-Dichlorobenzene
Concen: 39.448 ng
RT: 7.814 min Scan# 8
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

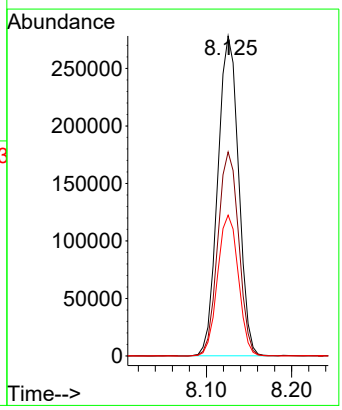


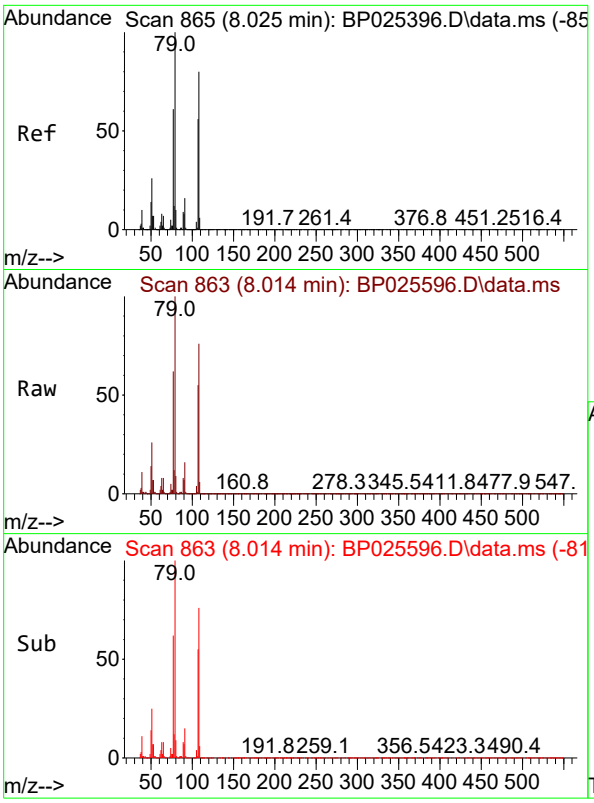


#14
1,2-Dichlorobenzene
Concen: 39.411 ng
RT: 8.125 min Scan# 882
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



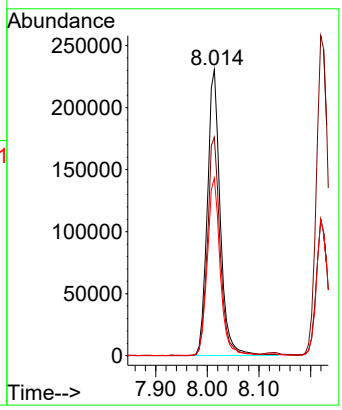


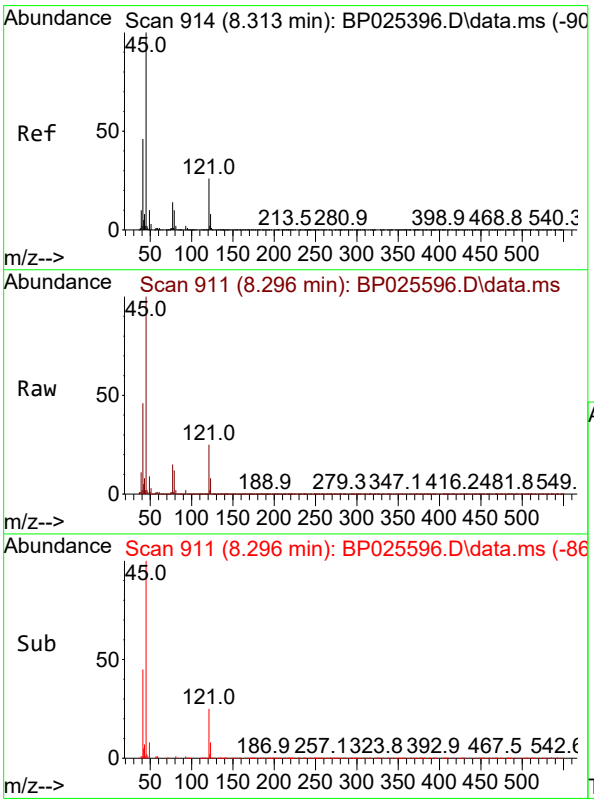
#15
Benzyl Alcohol
Concen: 40.264 ng
RT: 8.014 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

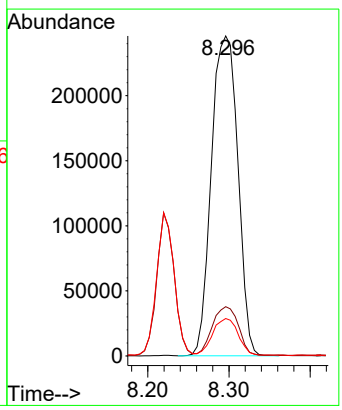


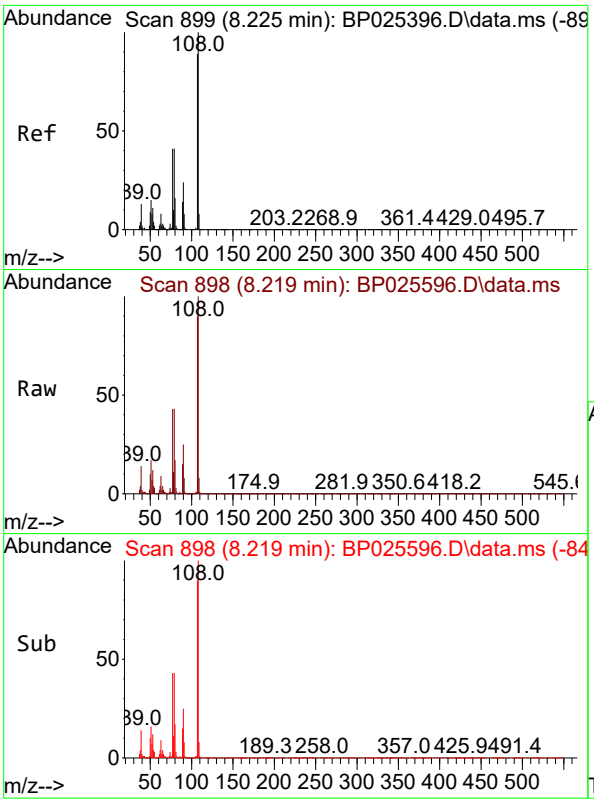


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.735 ng
RT: 8.296 min Scan# 911
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



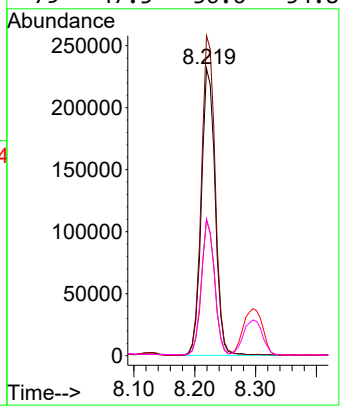


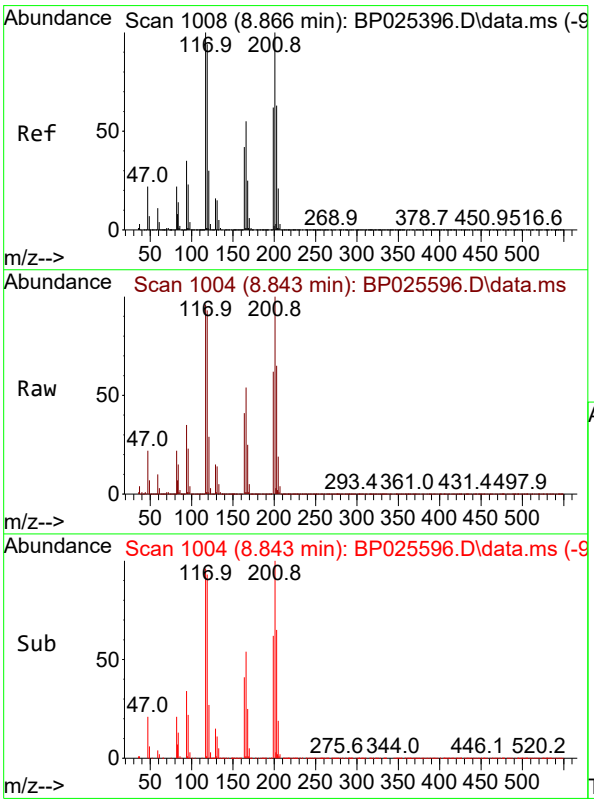
#17
2-Methylphenol
Concen: 40.055 ng
RT: 8.219 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

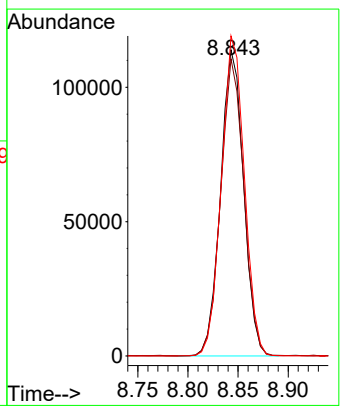


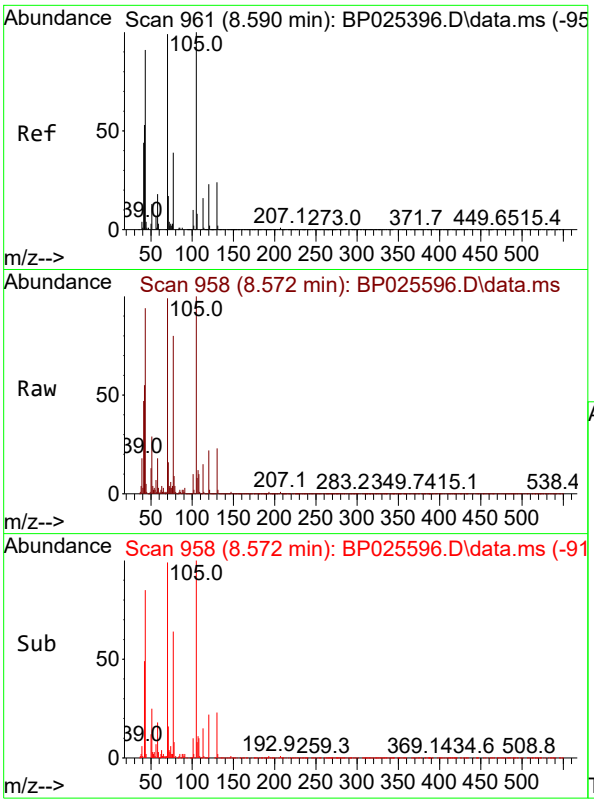


#18
Hexachloroethane
Concen: 39.962 ng
RT: 8.843 min Scan# 1004
Delta R.T. -0.023 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



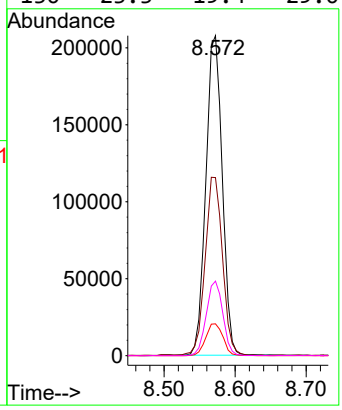


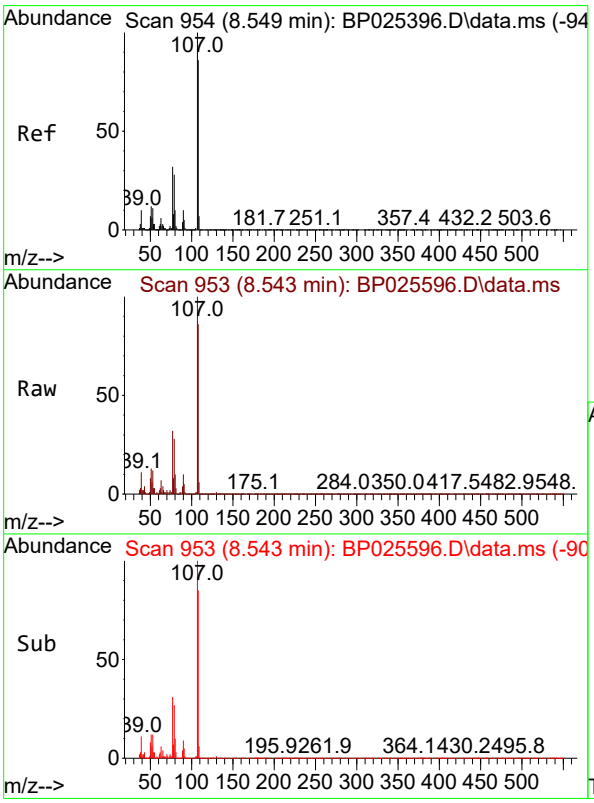
#19
n-Nitroso-di-n-propylamine
Concen: 40.352 ng
RT: 8.572 min Scan# 9
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

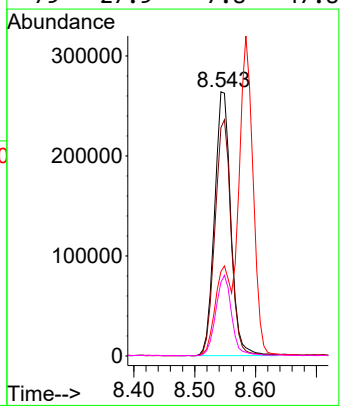


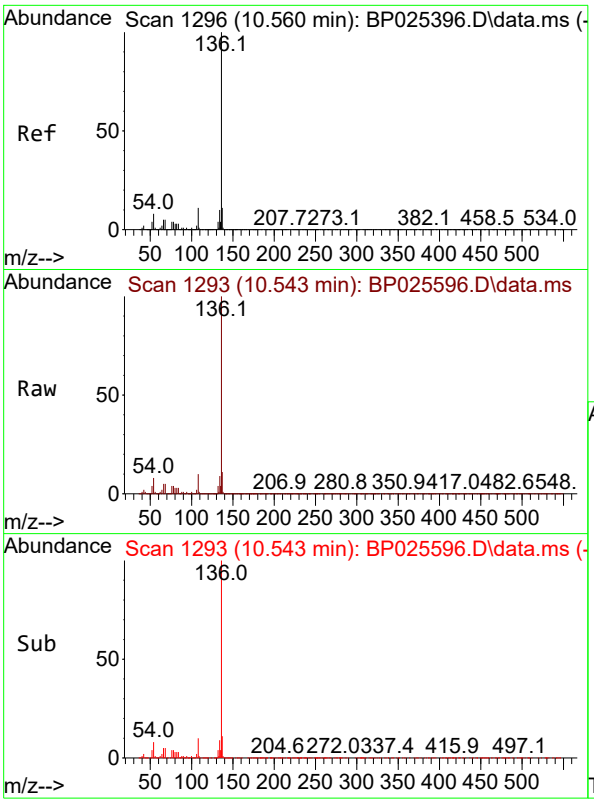


#20
3+4-Methylphenols
Concen: 38.796 ng
RT: 8.543 min Scan# 953
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



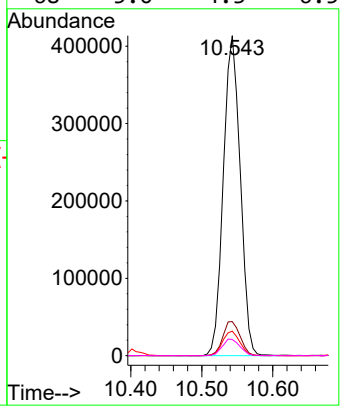


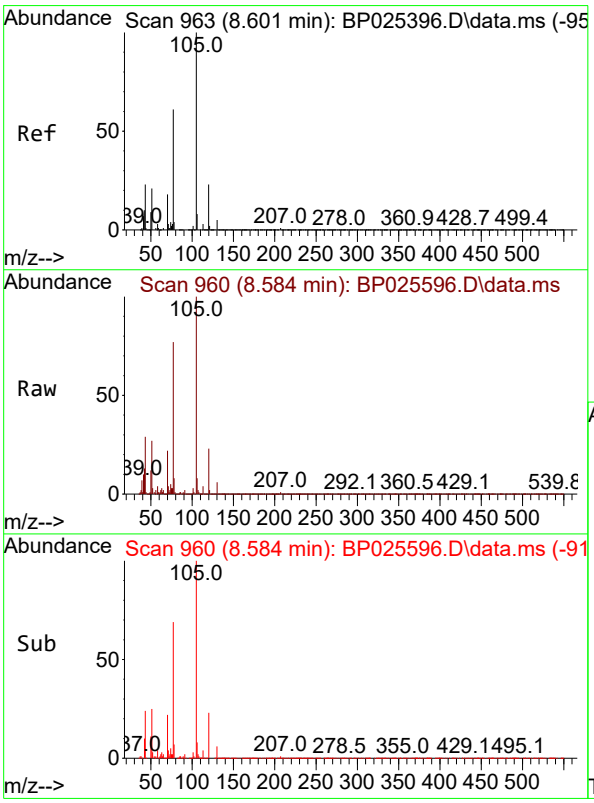
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

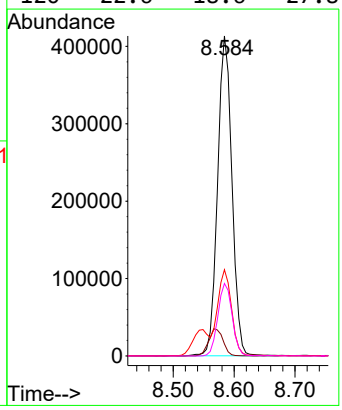


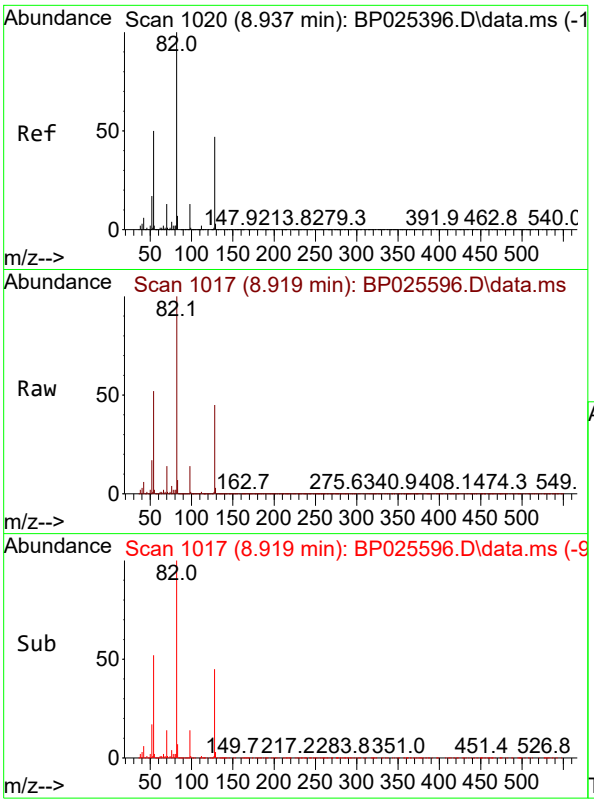


#22
Acetophenone
Concen: 39.578 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



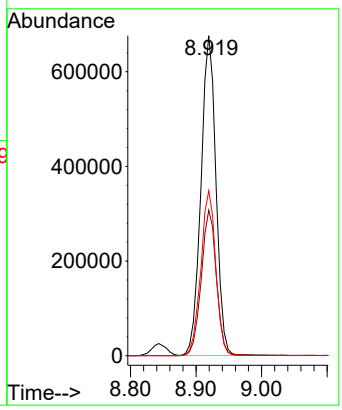


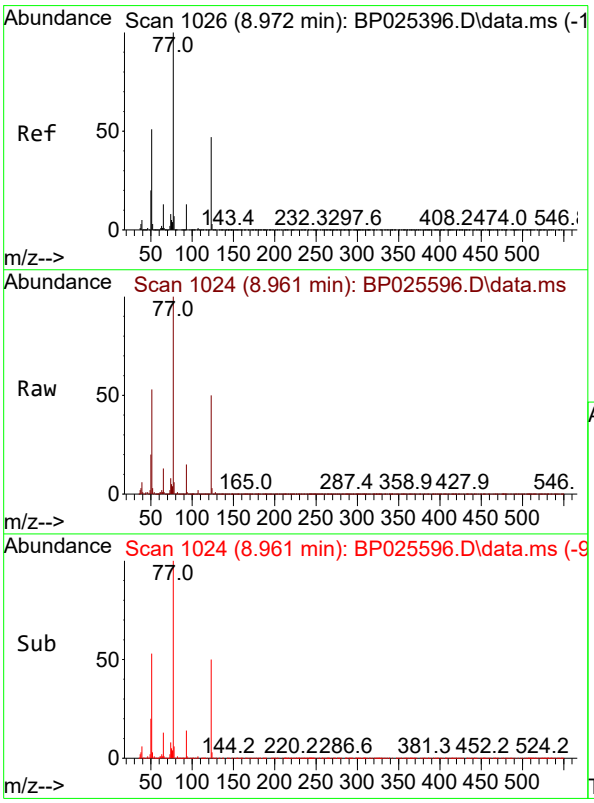
#23
Nitrobenzene-d5
Concen: 79.850 ng
RT: 8.919 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

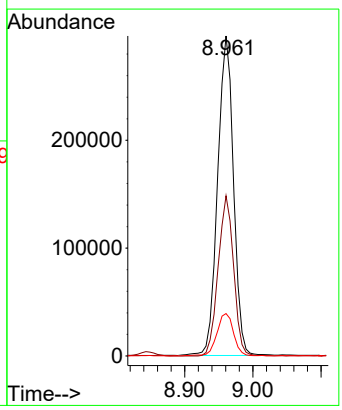


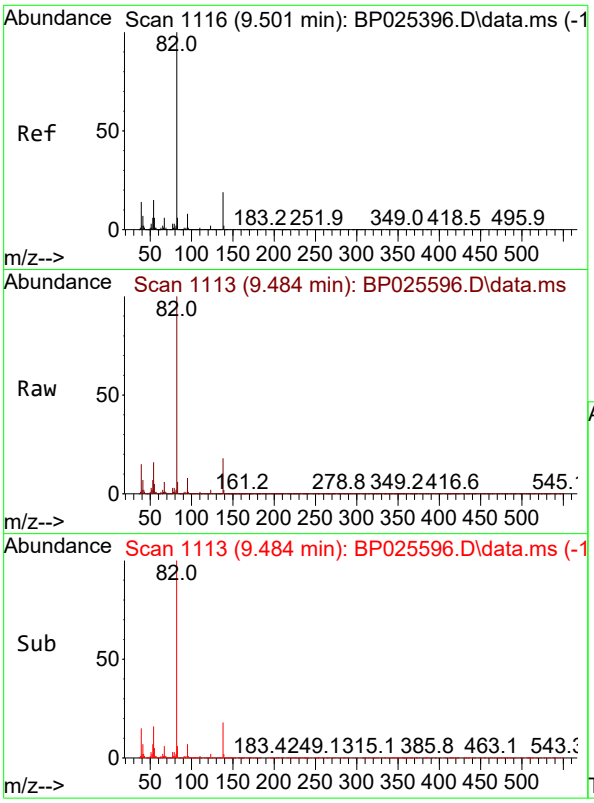


#24
Nitrobenzene
Concen: 39.829 ng
RT: 8.961 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



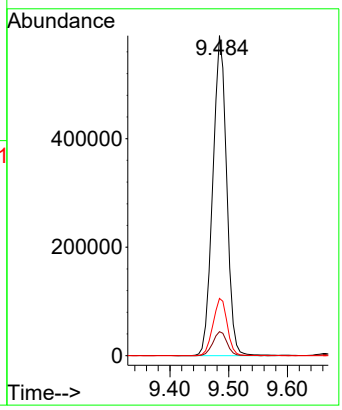


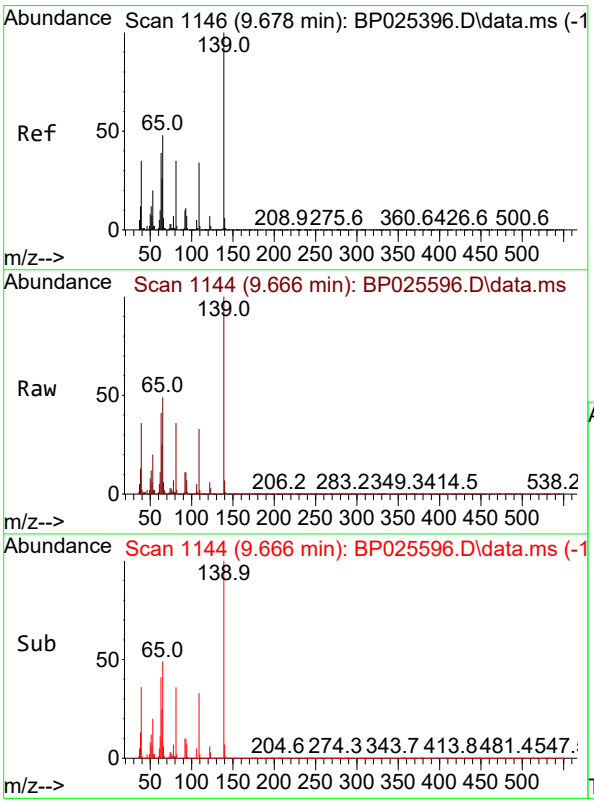
#25
Isophorone
Concen: 40.465 ng
RT: 9.484 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

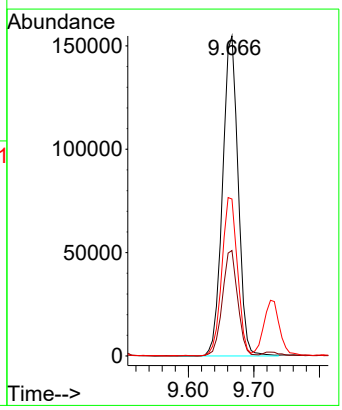


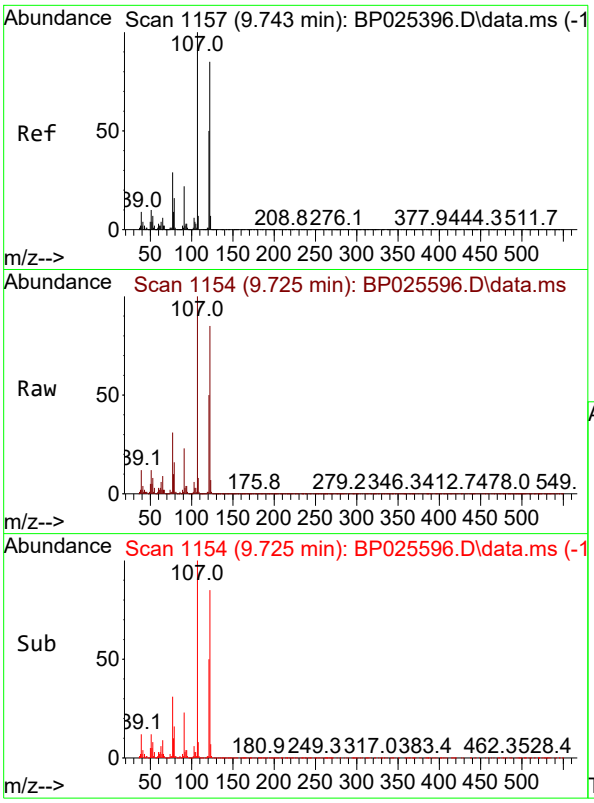


#26
2-Nitrophenol
Concen: 41.159 ng
RT: 9.666 min Scan# 1144
Delta R.T. -0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



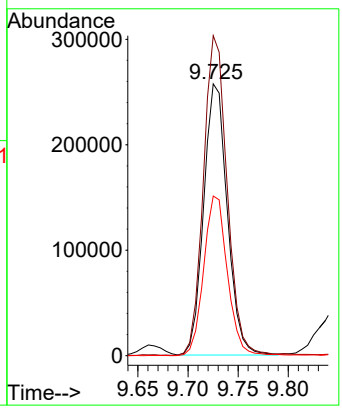


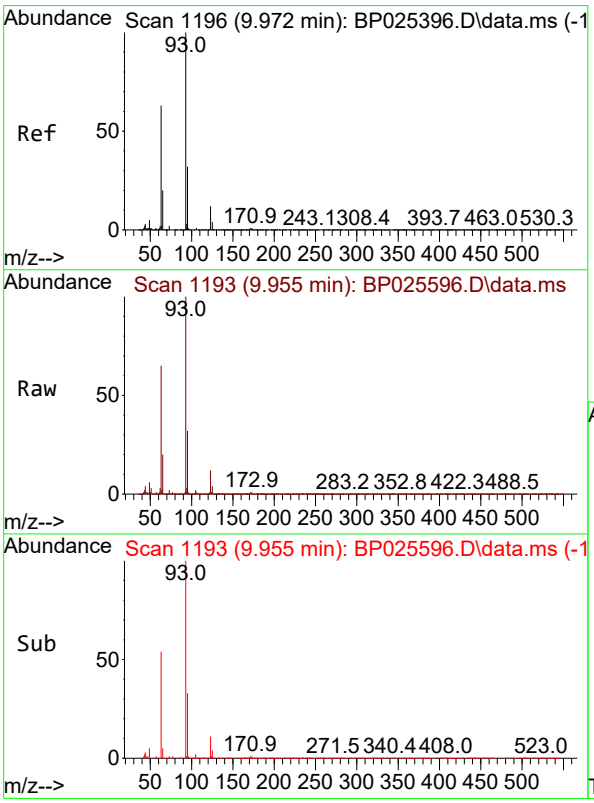
#27
2,4-Dimethylphenol
Concen: 39.733 ng
RT: 9.725 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

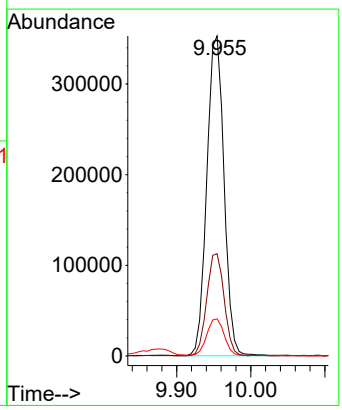


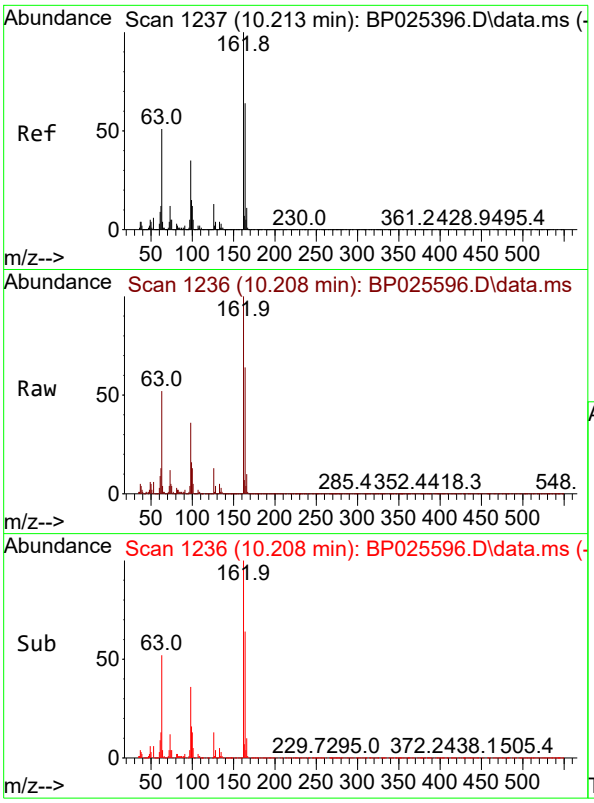


#28
bis(2-Chloroethoxy)methane
Concen: 39.429 ng
RT: 9.955 min Scan# 1193
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



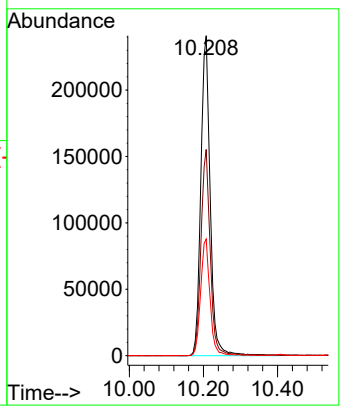


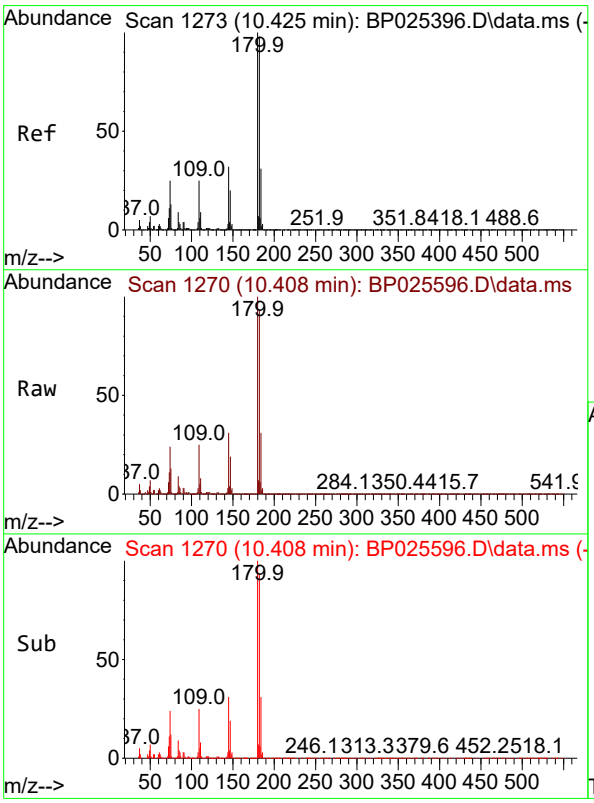
#29
2,4-Dichlorophenol
Concen: 40.026 ng
RT: 10.208 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

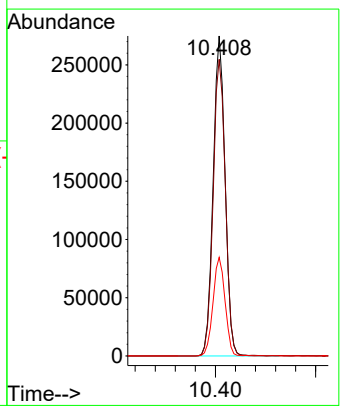


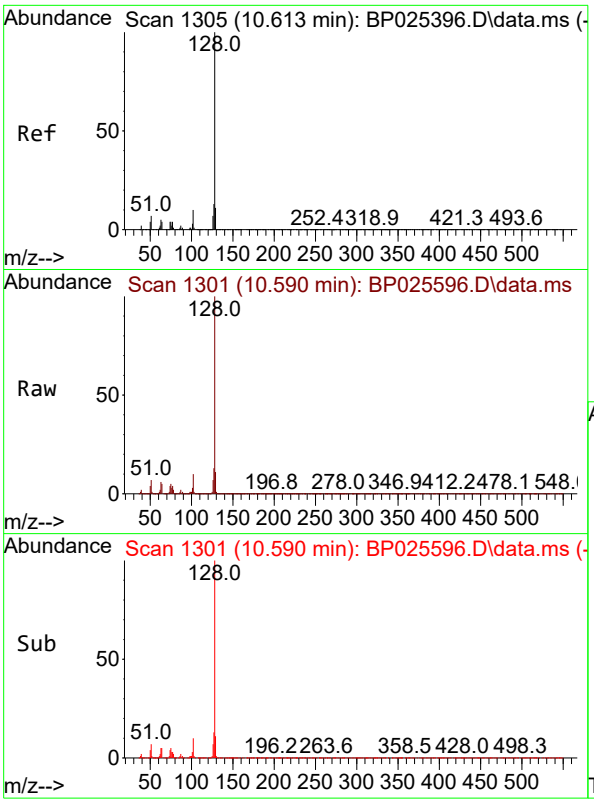


#30
1,2,4-Trichlorobenzene
Concen: 39.108 ng
RT: 10.408 min Scan# 1270
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



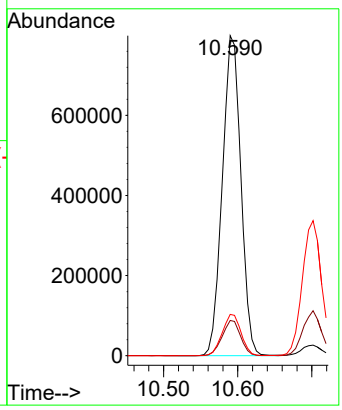


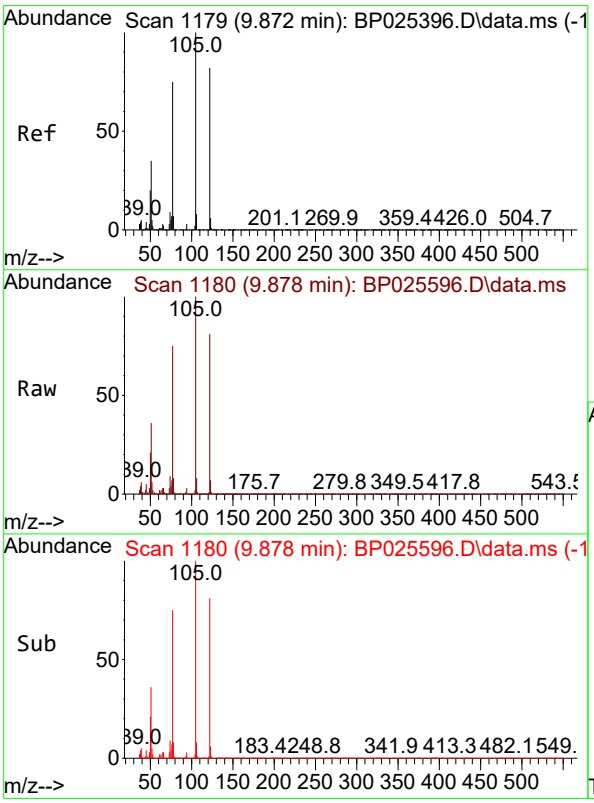
#31
Naphthalene
Concen: 39.174 ng
RT: 10.590 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

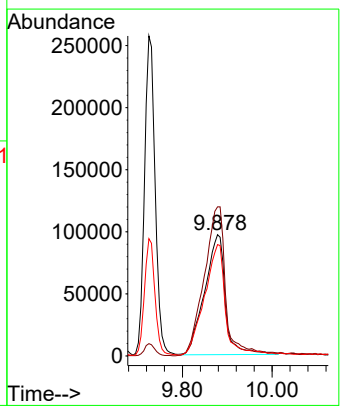


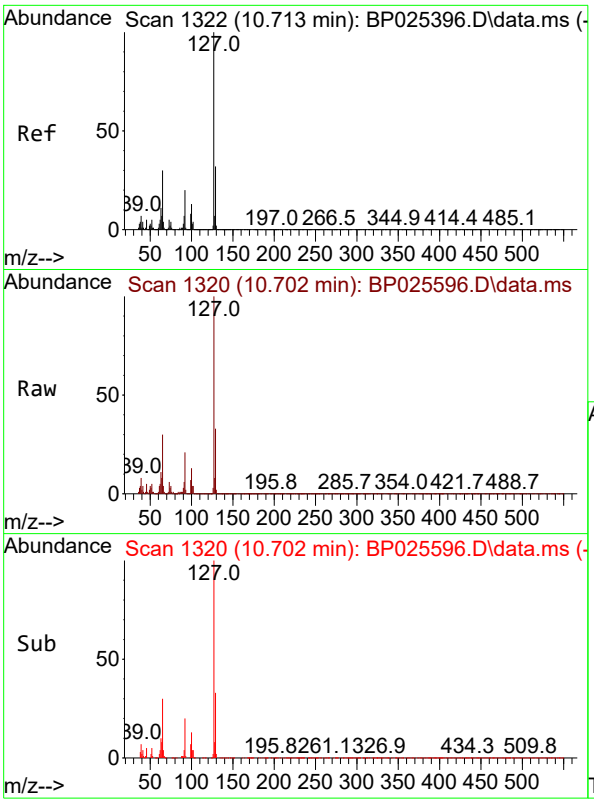


#32
Benzoic acid
Concen: 39.533 ng
RT: 9.878 min Scan# 1180
Delta R.T. 0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



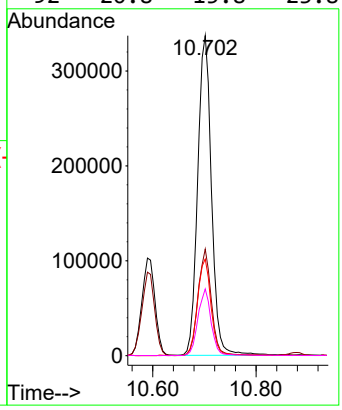


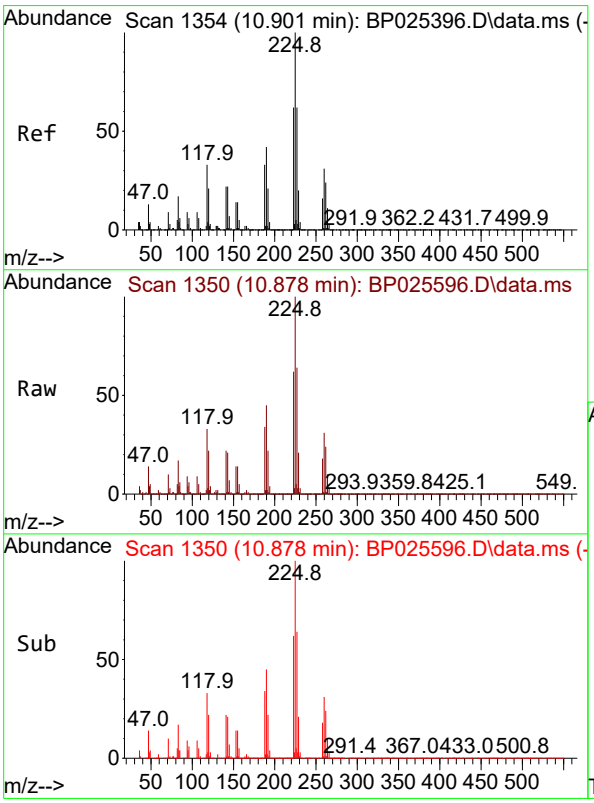
#33
4-Chloroaniline
Concen: 39.937 ng
RT: 10.702 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

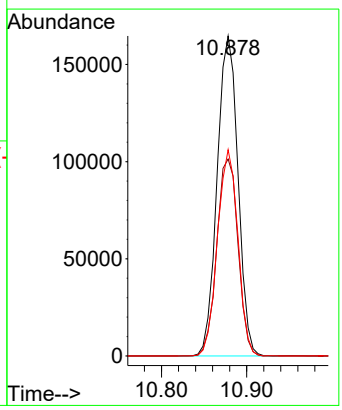


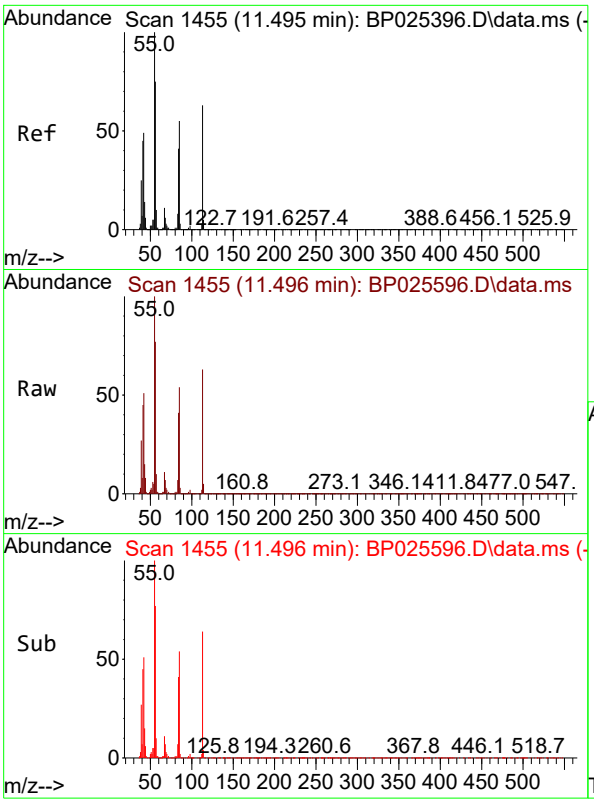


#34
Hexachlorobutadiene
Concen: 38.868 ng
RT: 10.878 min Scan# 1350
Delta R.T. -0.023 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



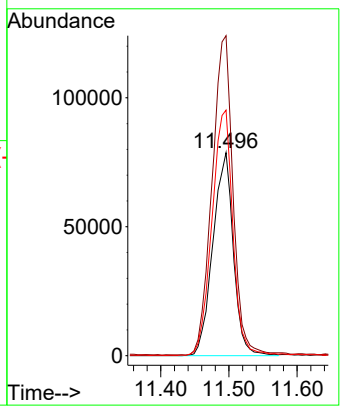


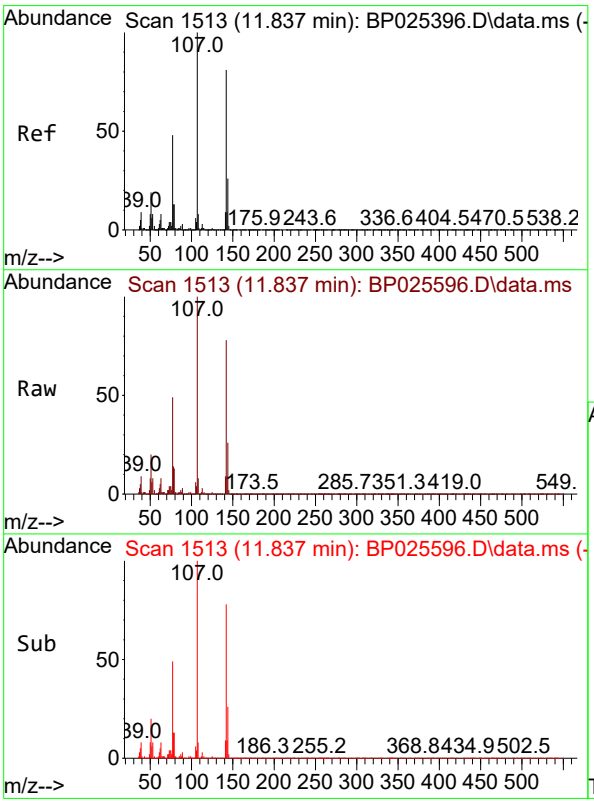
#35
Caprolactam
Concen: 42.433 ng
RT: 11.496 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

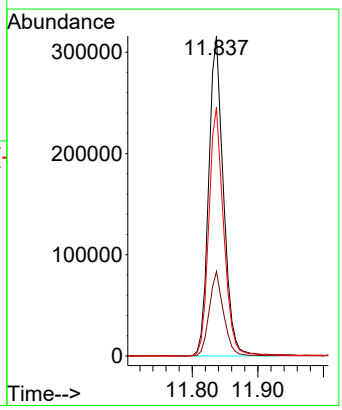


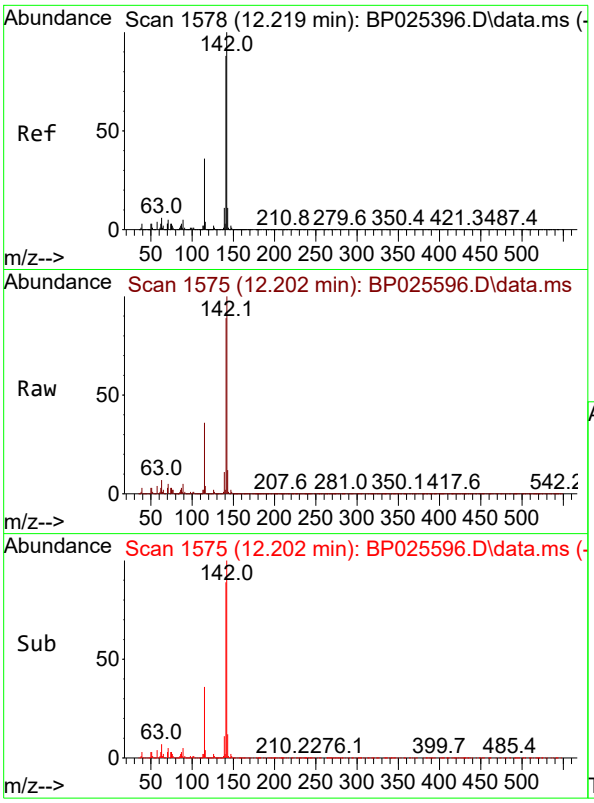


#36
4-Chloro-3-methylphenol
Concen: 40.805 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



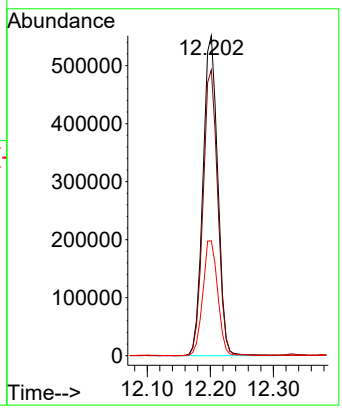


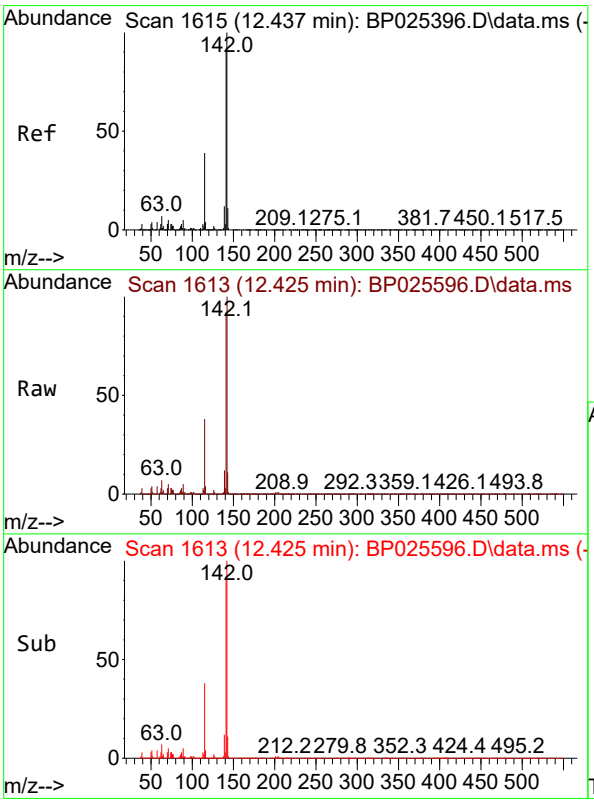
#37
2-Methylnaphthalene
Concen: 38.853 ng
RT: 12.202 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

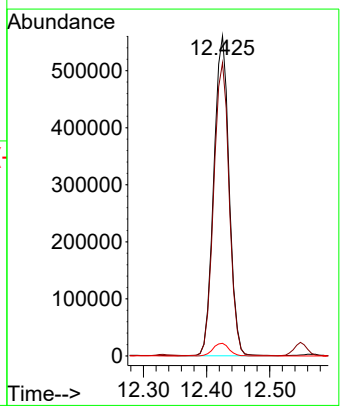


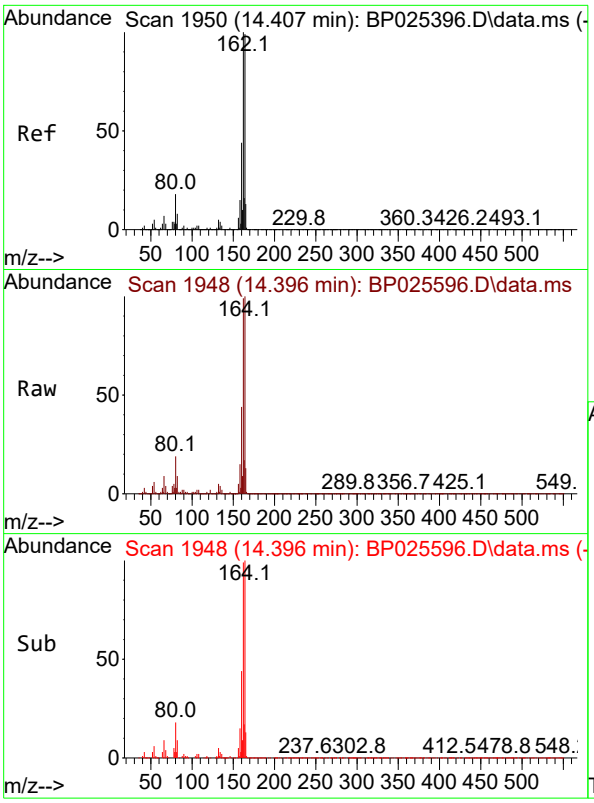


#38
1-Methylnaphthalene
Concen: 38.444 ng
RT: 12.425 min Scan# 1613
Delta R.T. -0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



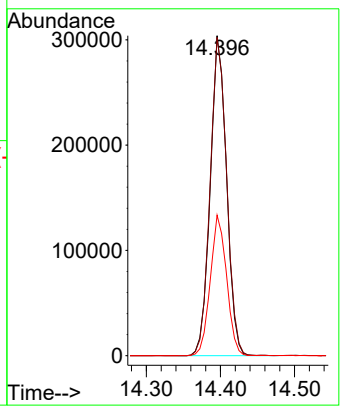


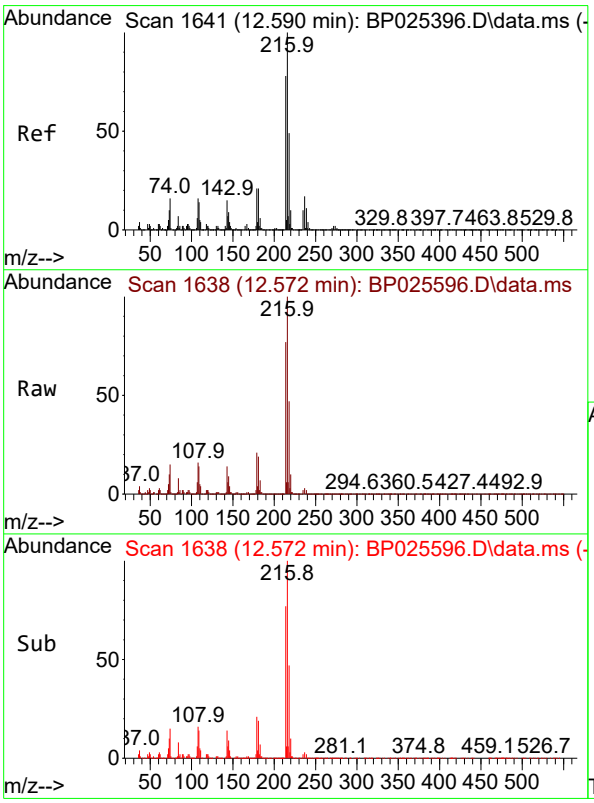
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.396 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

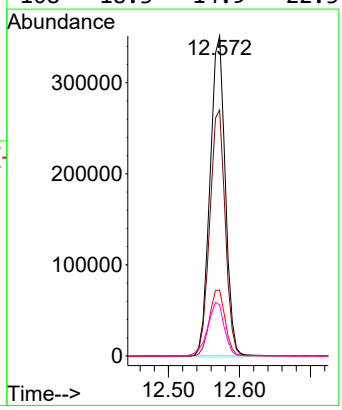


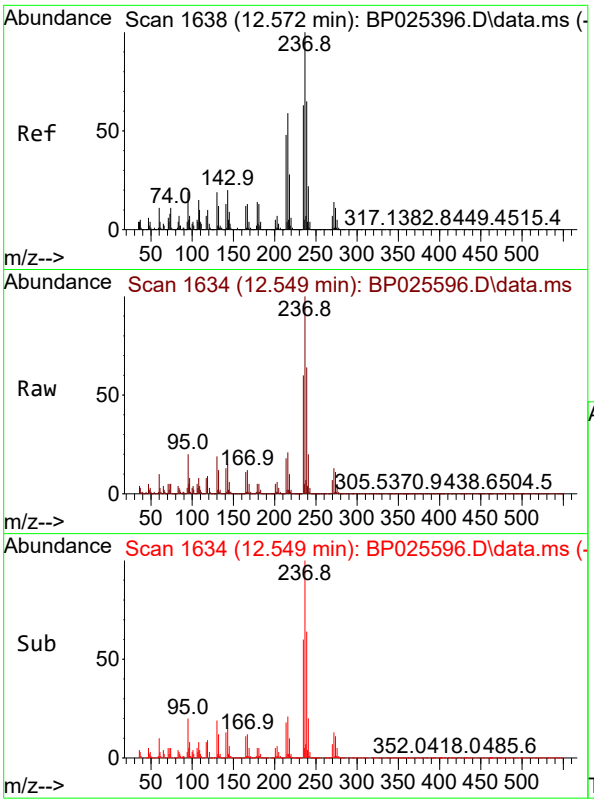


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.126 ng
RT: 12.572 min Scan# 1638
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



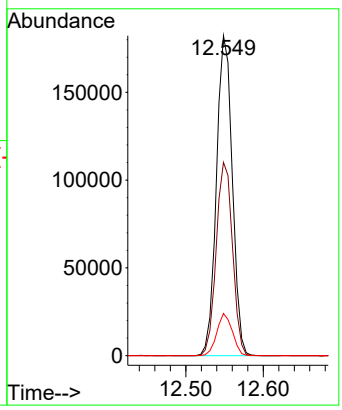


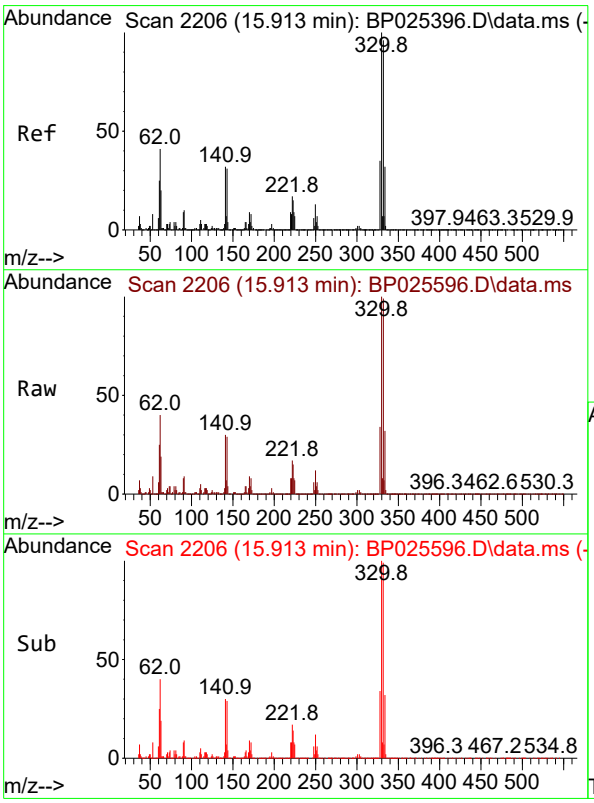
#41
Hexachlorocyclopentadiene
Concen: 32.135 ng
RT: 12.549 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

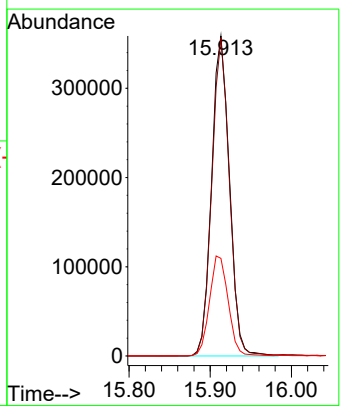


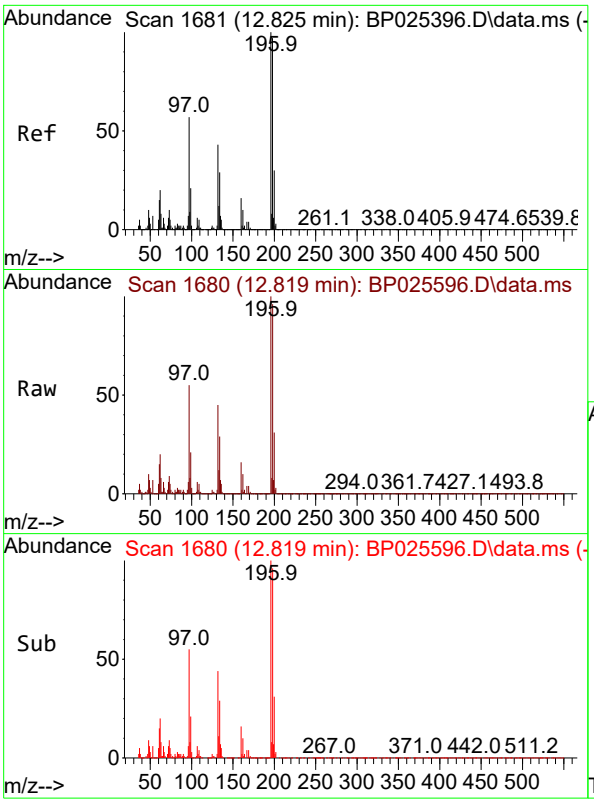


#42
2,4,6-Tribromophenol
Concen: 88.074 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



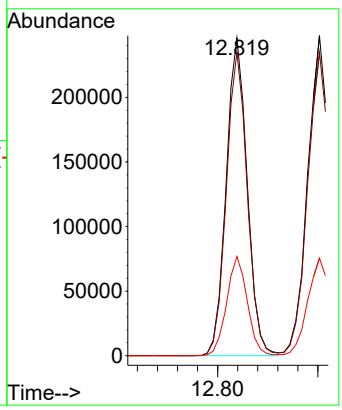


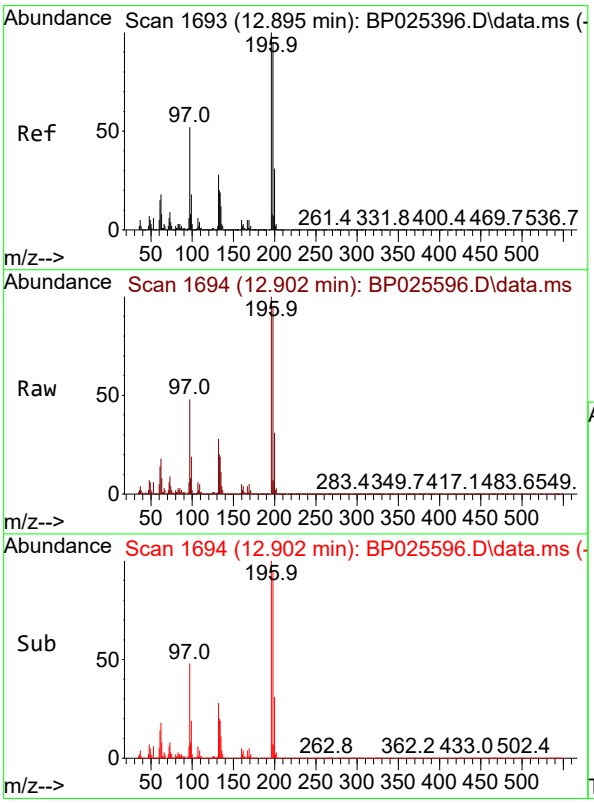
#43
2,4,6-Trichlorophenol
Concen: 39.534 ng
RT: 12.819 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

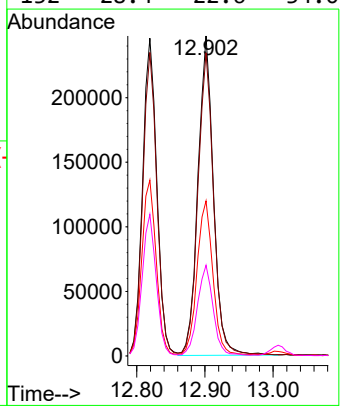


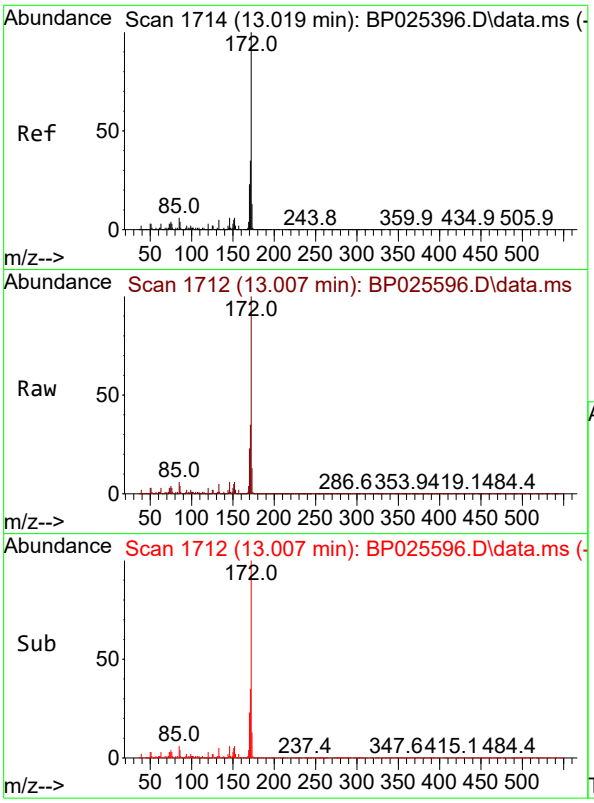


#44
2,4,5-Trichlorophenol
Concen: 39.644 ng
RT: 12.902 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



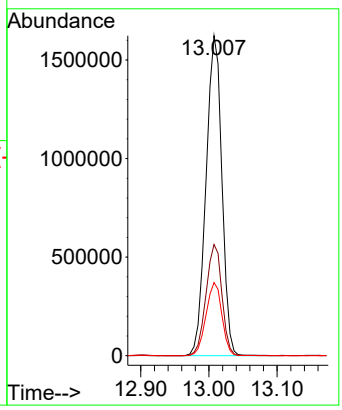


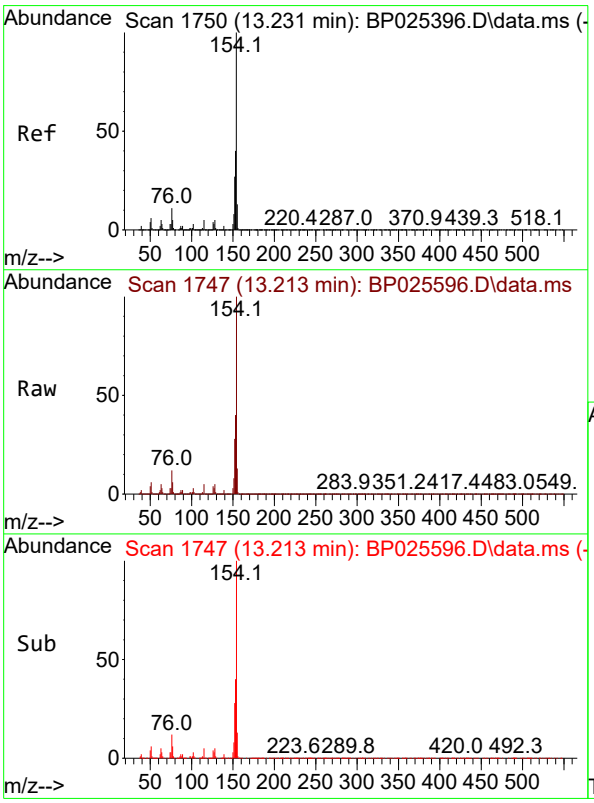
#45
2-Fluorobiphenyl
Concen: 77.334 ng
RT: 13.007 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

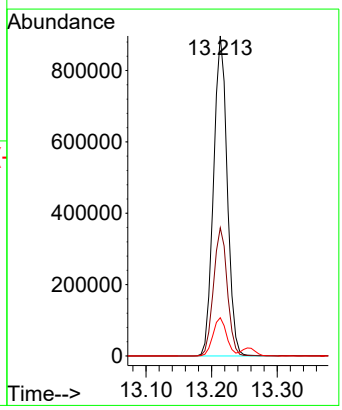


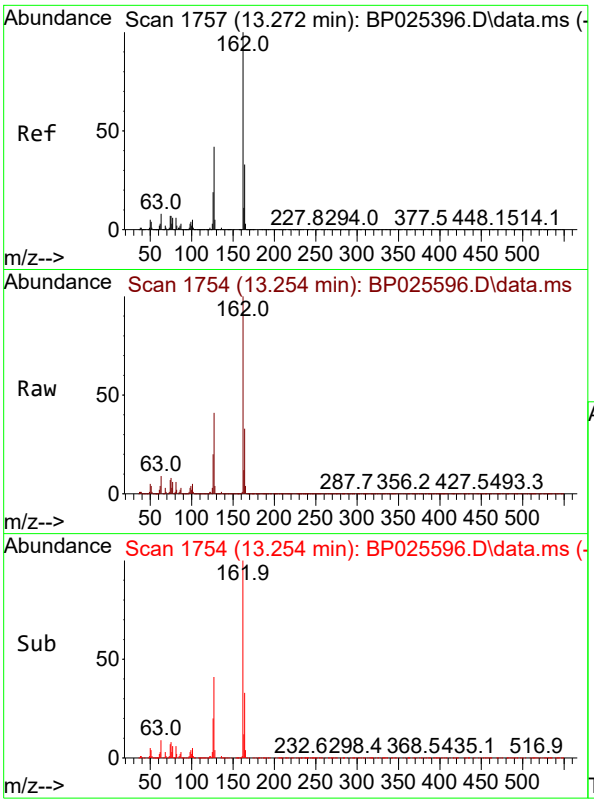


#46
1,1'-Biphenyl
Concen: 38.565 ng
RT: 13.213 min Scan# 1747
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



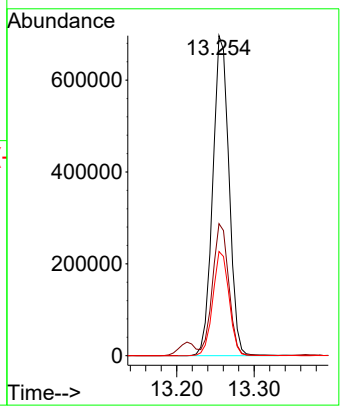


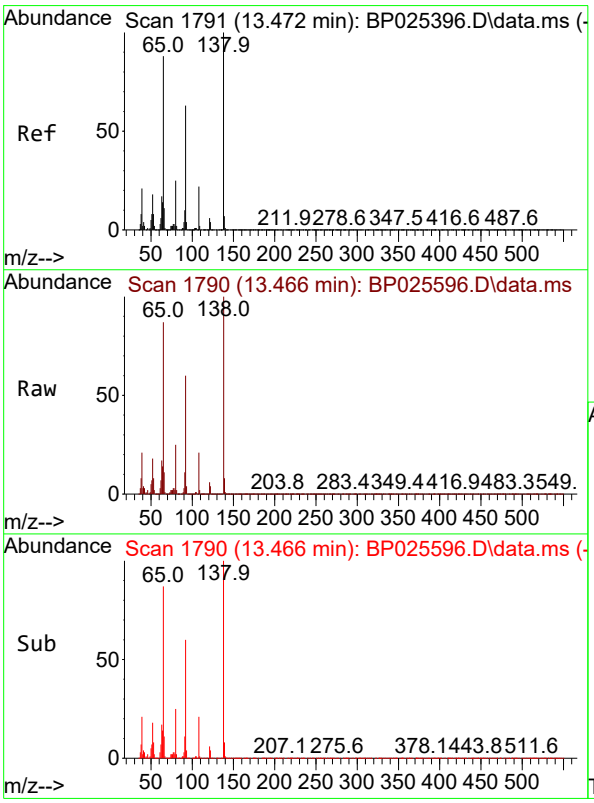
#47
2-Chloronaphthalene
Concen: 38.712 ng
RT: 13.254 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

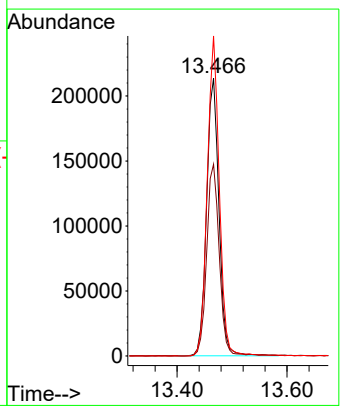


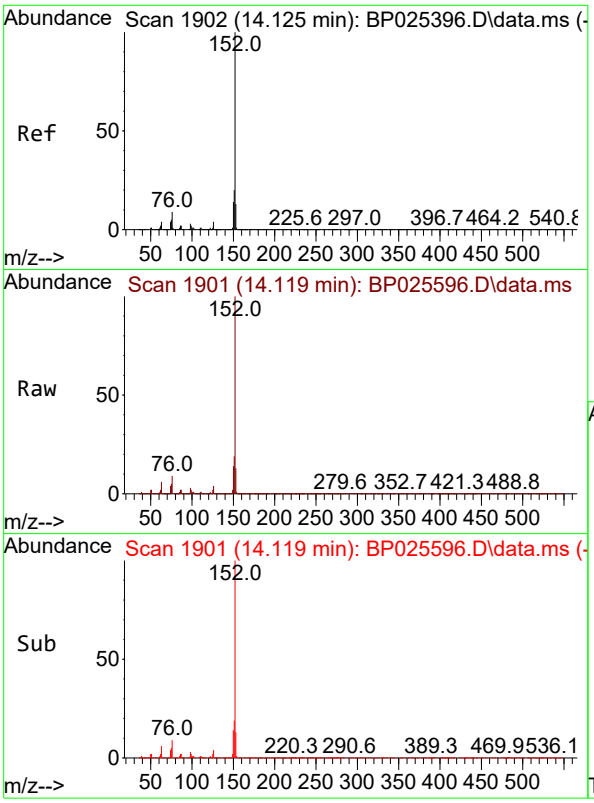


#48
2-Nitroaniline
Concen: 43.663 ng
RT: 13.466 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



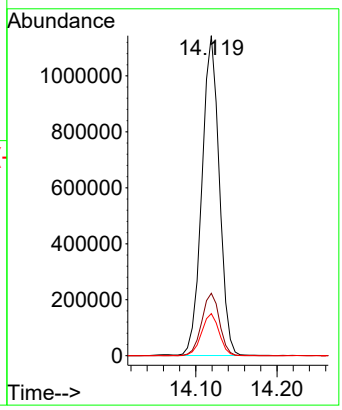


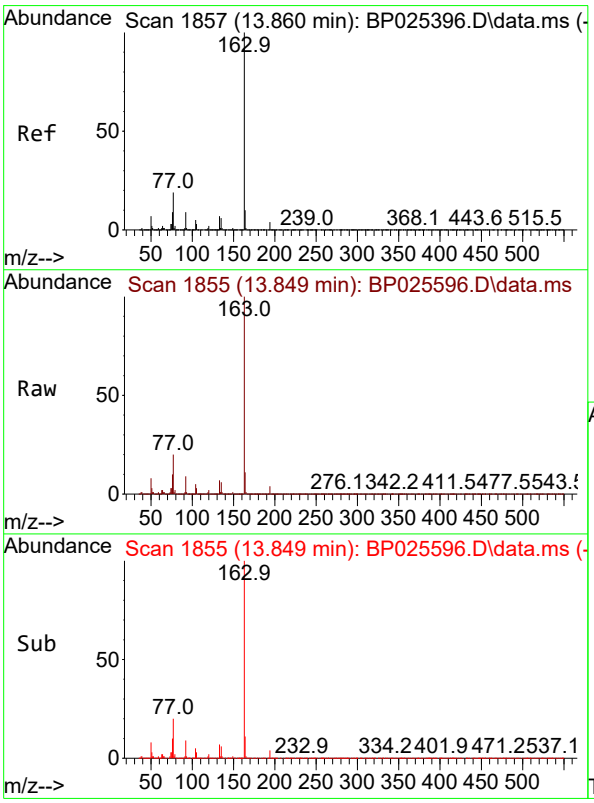
#49
Acenaphthylene
Concen: 39.053 ng
RT: 14.119 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

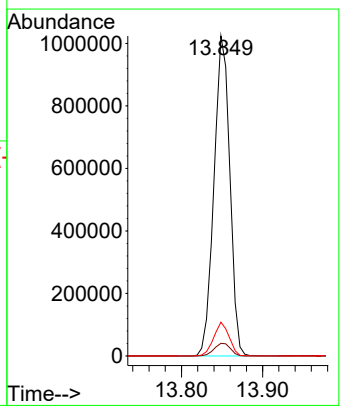


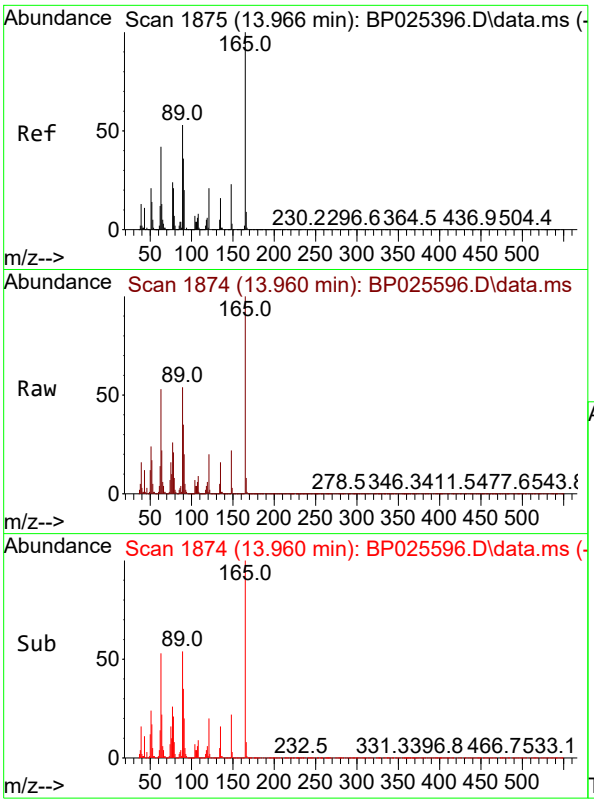


#50
Dimethylphthalate
Concen: 40.927 ng
RT: 13.849 min Scan# 1855
Delta R.T. -0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



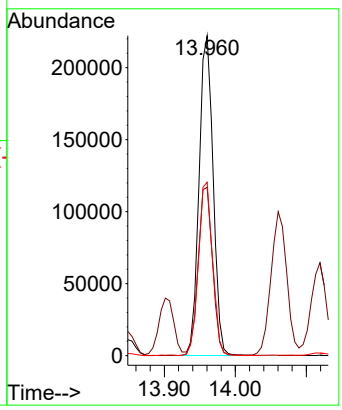


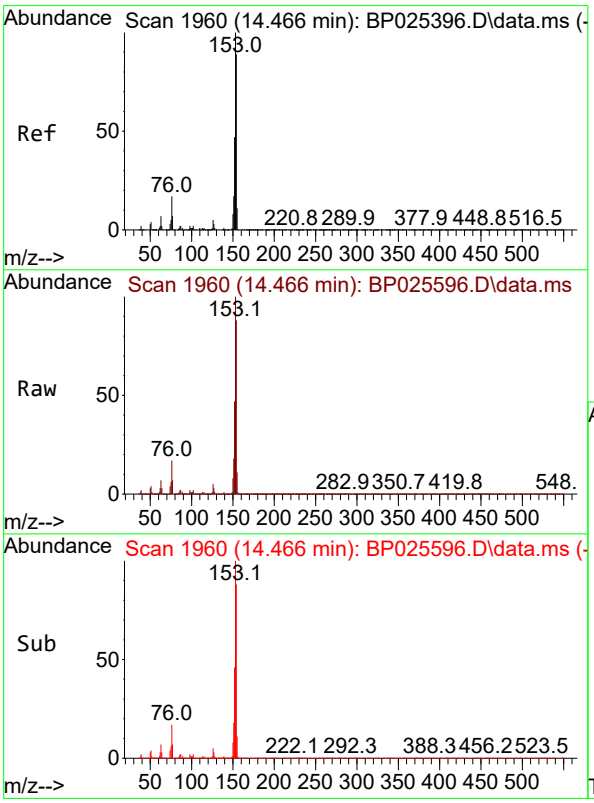
#51
2,6-Dinitrotoluene
Concen: 42.909 ng
RT: 13.960 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

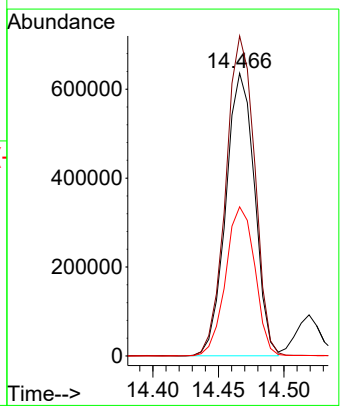


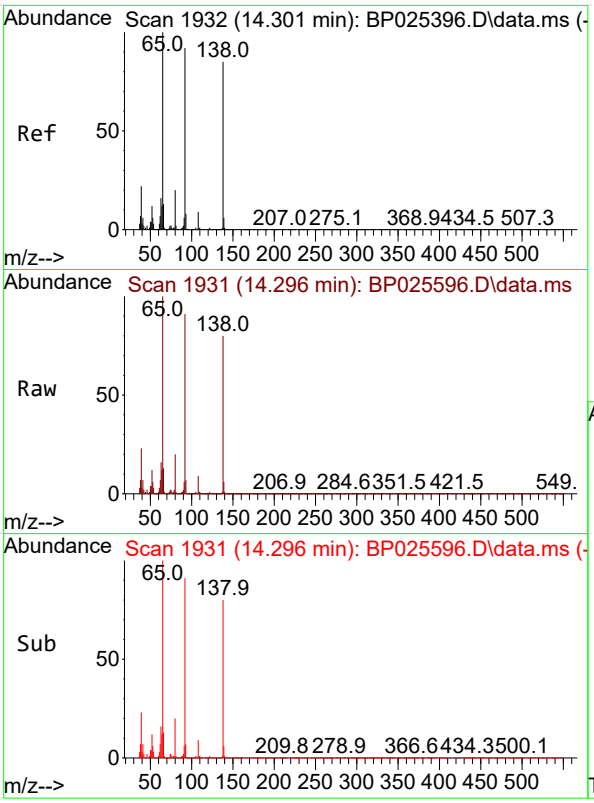


#52
Acenaphthene
Concen: 38.097 ng
RT: 14.466 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



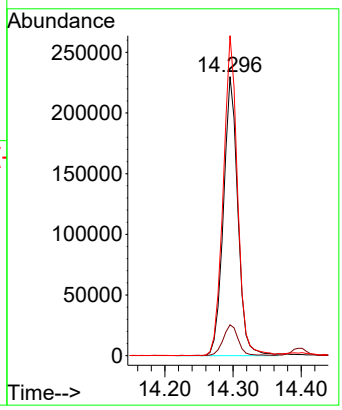


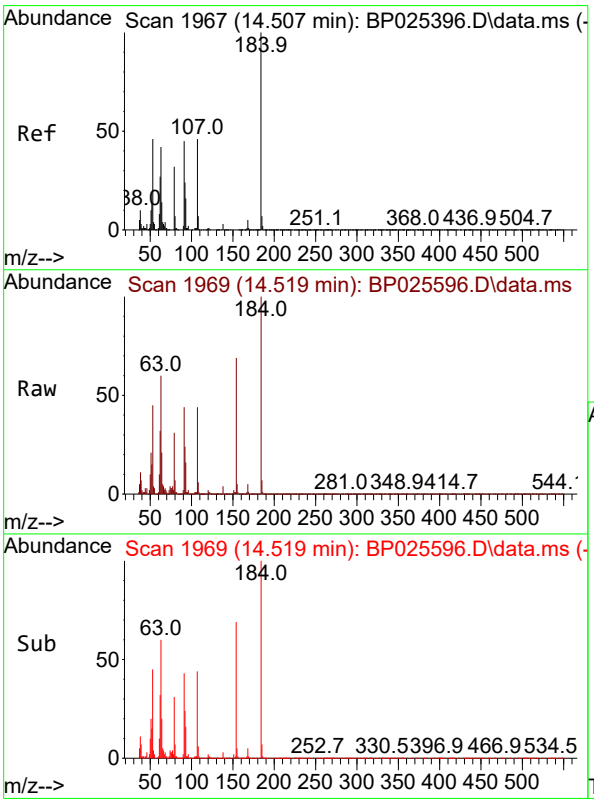
#53
3-Nitroaniline
Concen: 41.964 ng
RT: 14.296 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

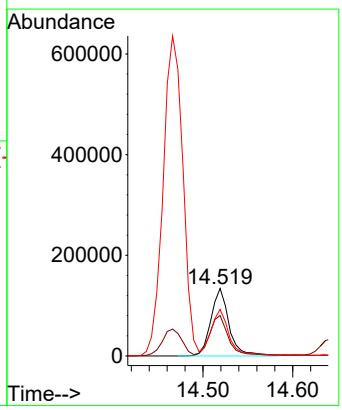


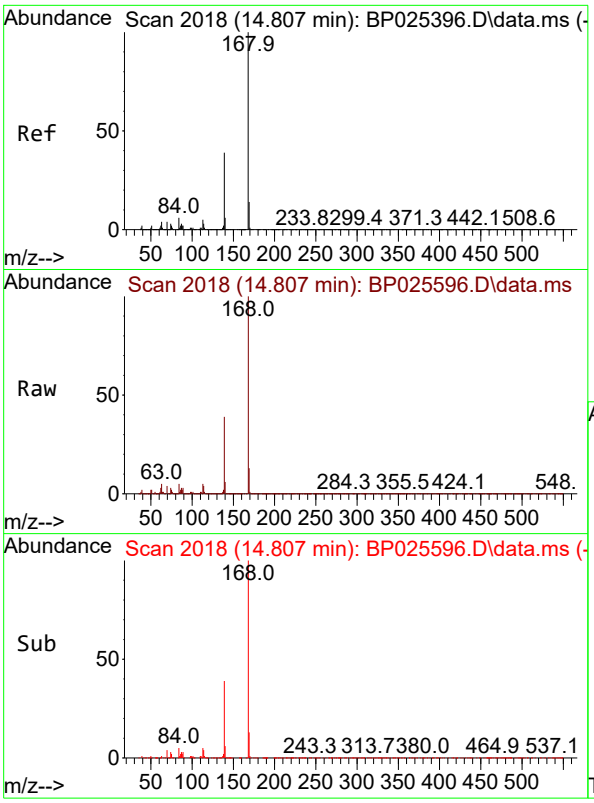


#54
2,4-Dinitrophenol
Concen: 49.446 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



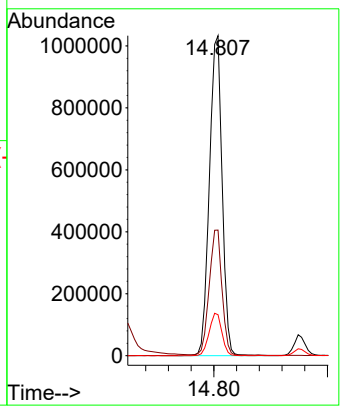


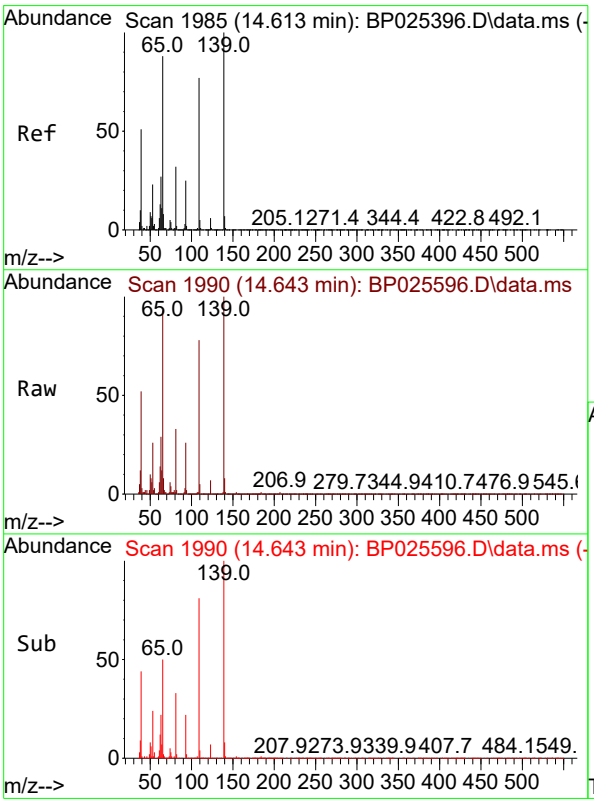
#55
Dibenzofuran
Concen: 39.579 ng
RT: 14.807 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

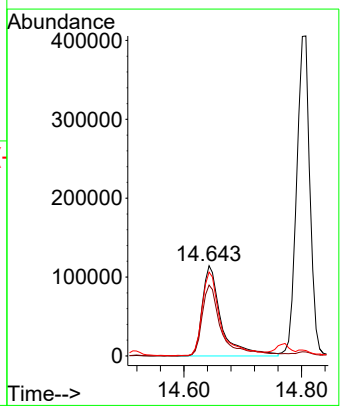


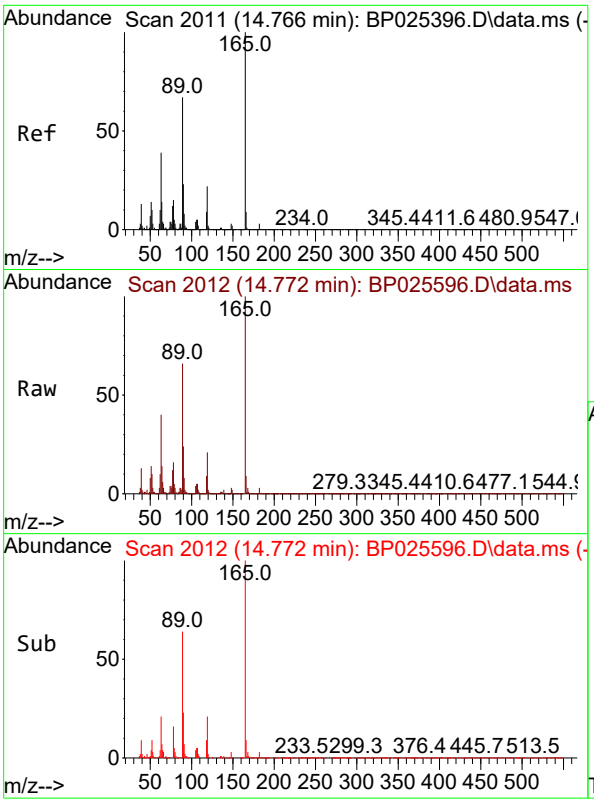


#56
4-Nitrophenol
Concen: 38.484 ng
RT: 14.643 min Scan# 1990
Delta R.T. 0.030 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



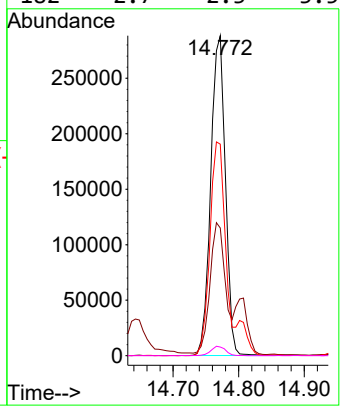


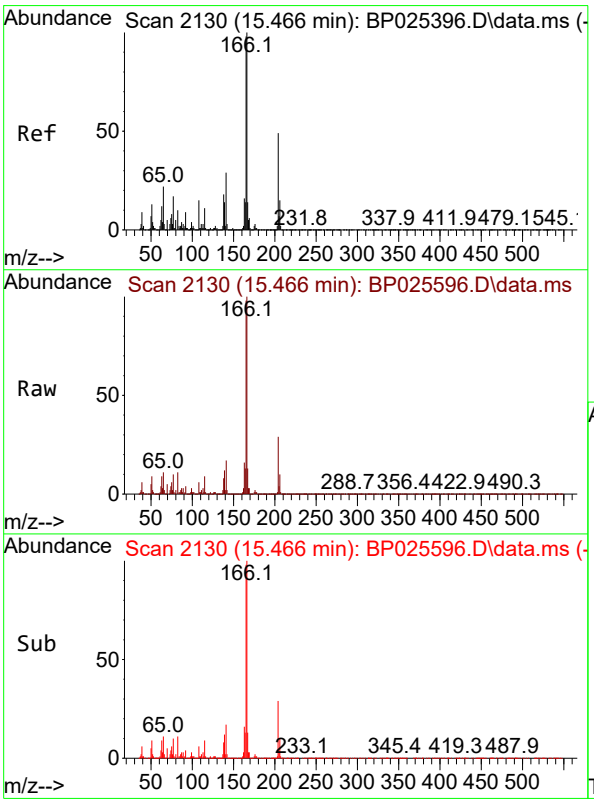
#57
2,4-Dinitrotoluene
Concen: 43.722 ng
RT: 14.772 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

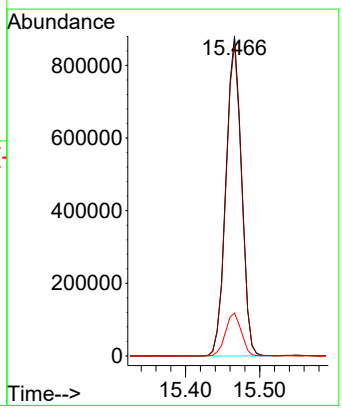


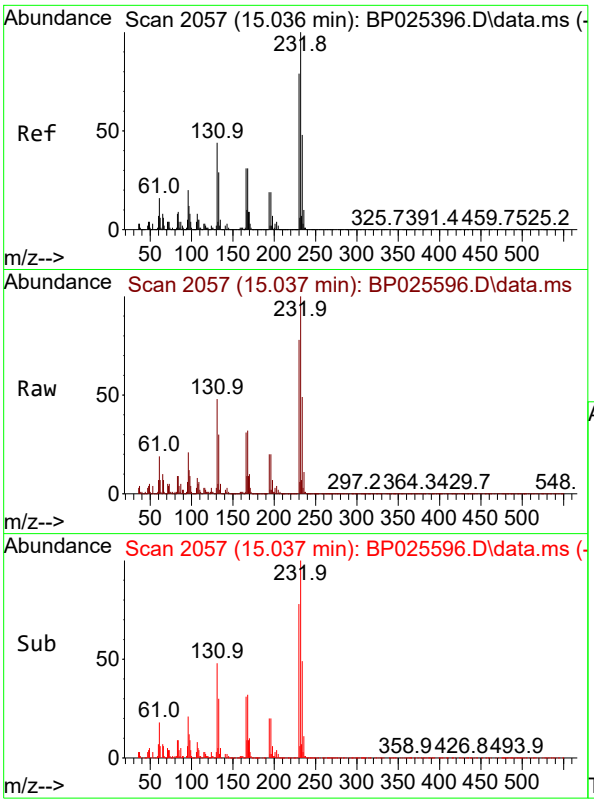


#58
Fluorene
Concen: 40.461 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



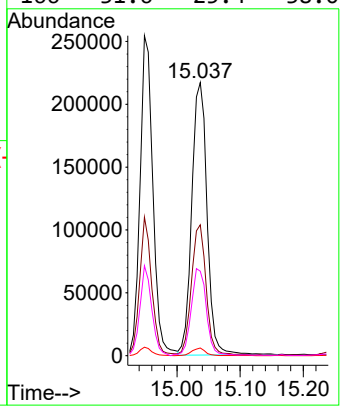


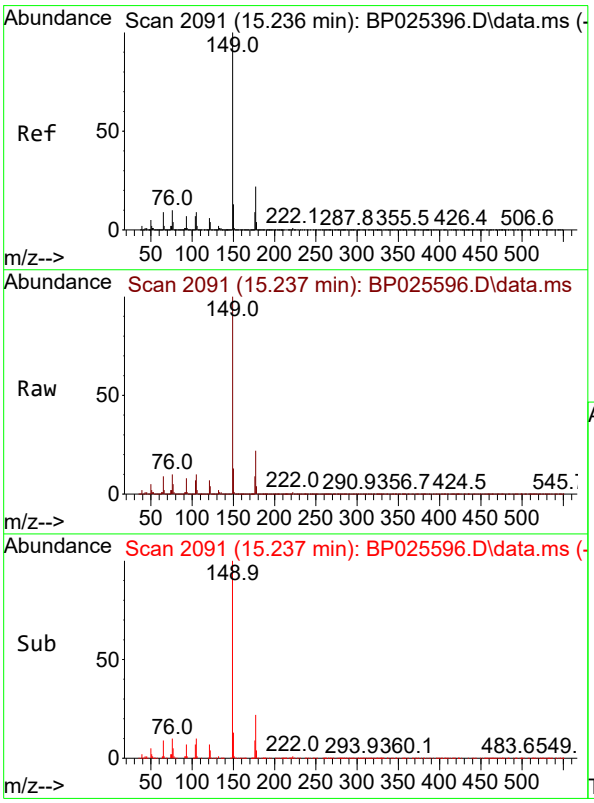
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.718 ng
RT: 15.037 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

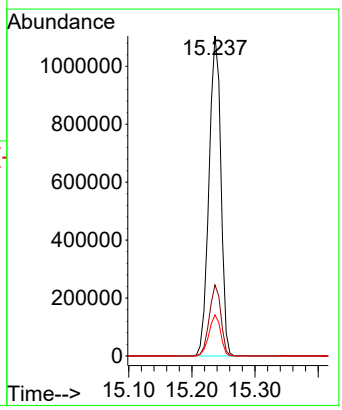


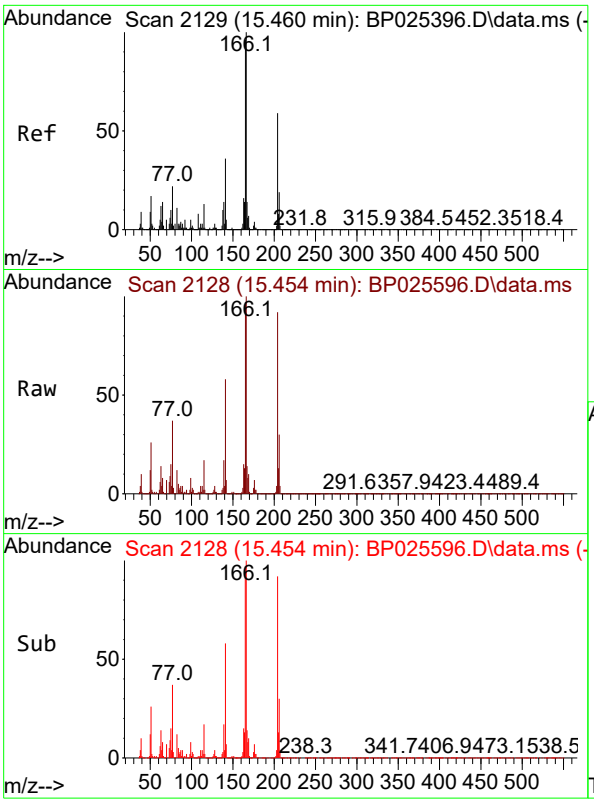


#60
Diethylphthalate
Concen: 41.670 ng
RT: 15.237 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



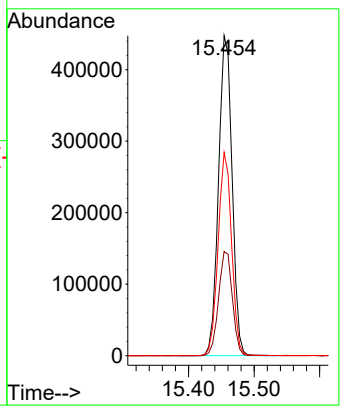


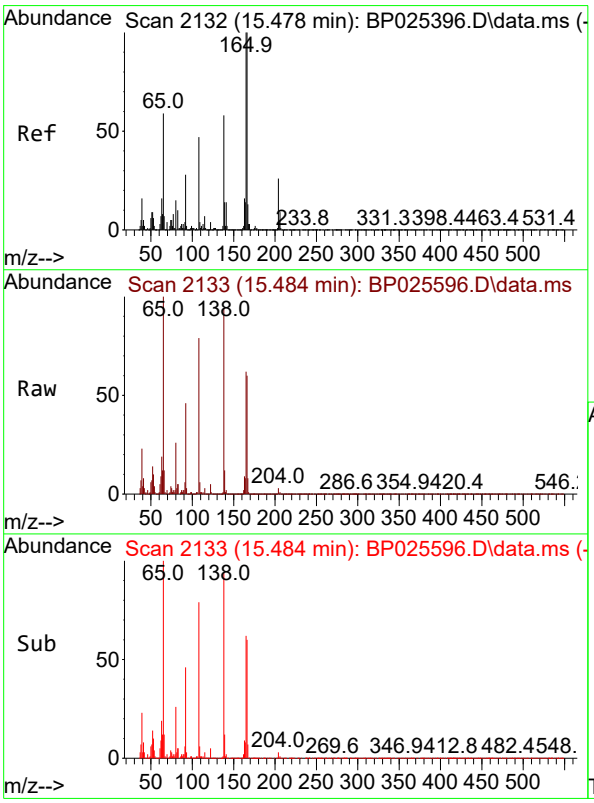
#61
4-Chlorophenyl-phenylether
Concen: 40.522 ng
RT: 15.454 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

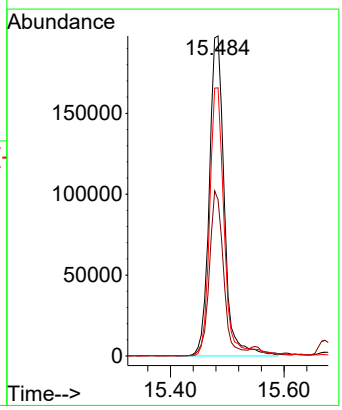


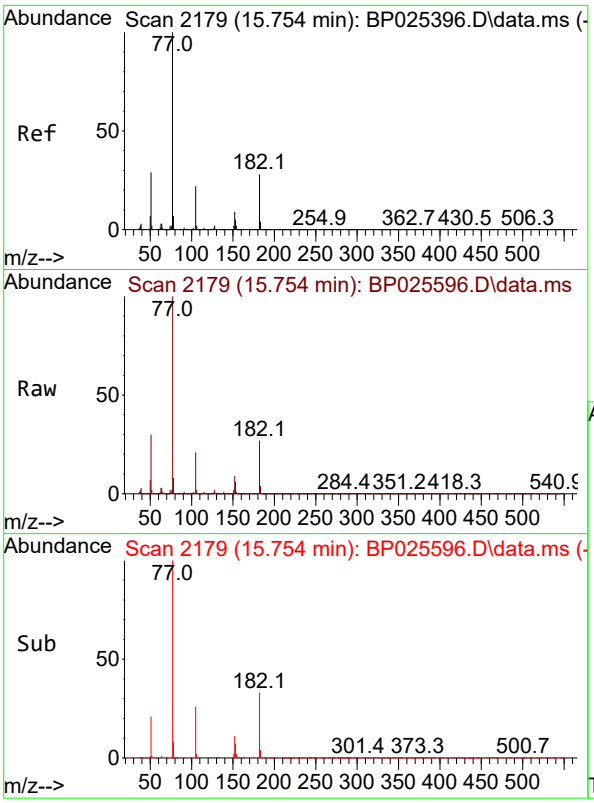


#62
4-Nitroaniline
Concen: 43.872 ng
RT: 15.484 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



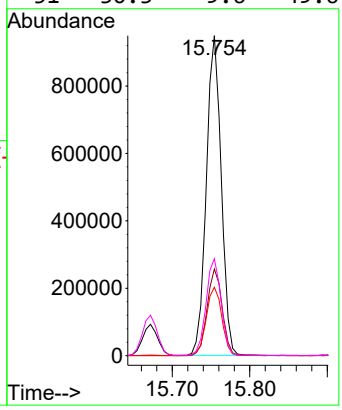


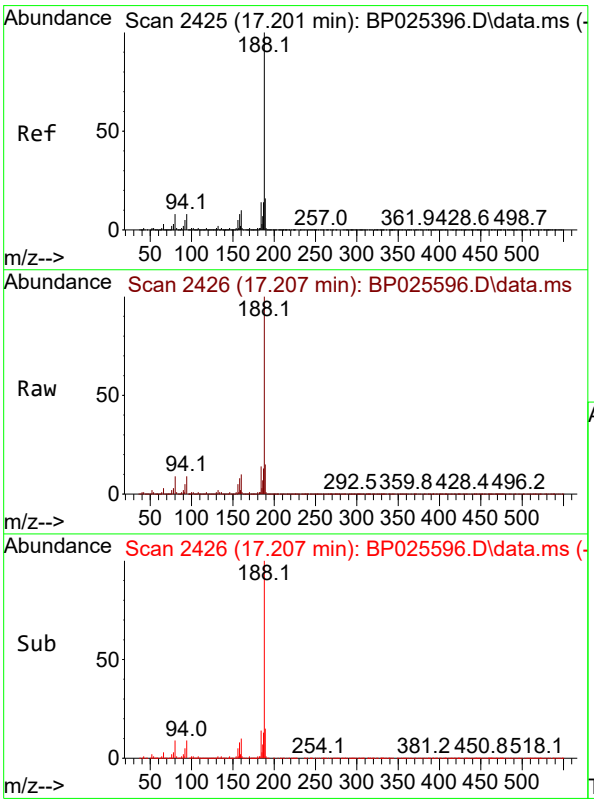
#63
Azobenzene
Concen: 42.799 ng
RT: 15.754 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

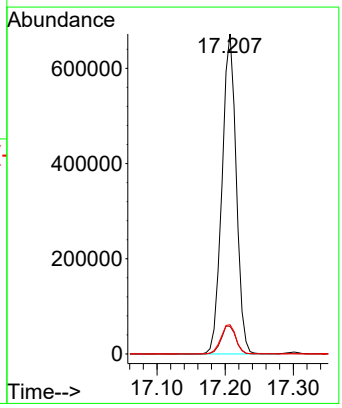


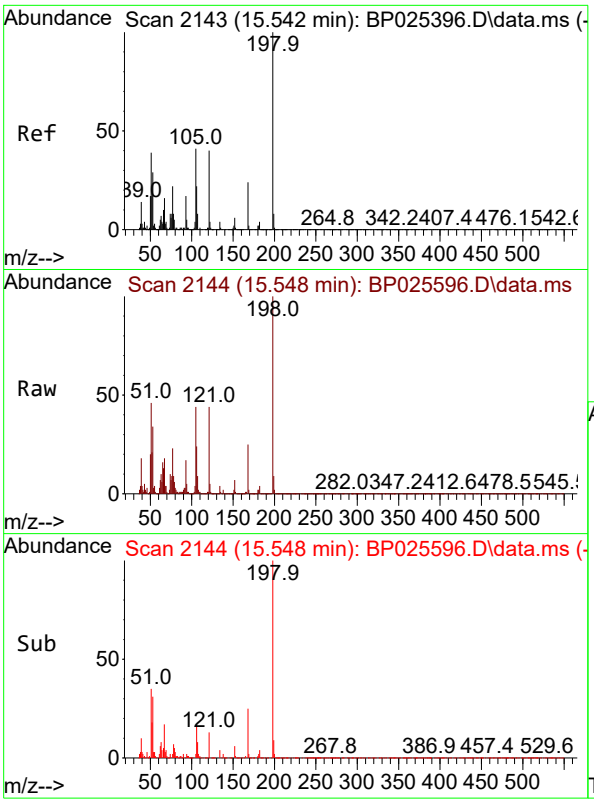


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



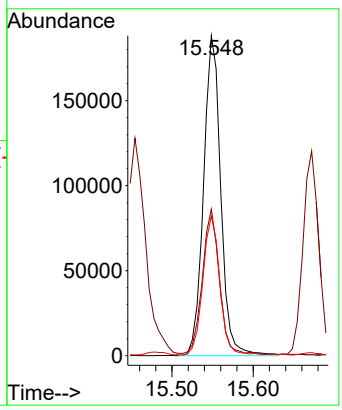


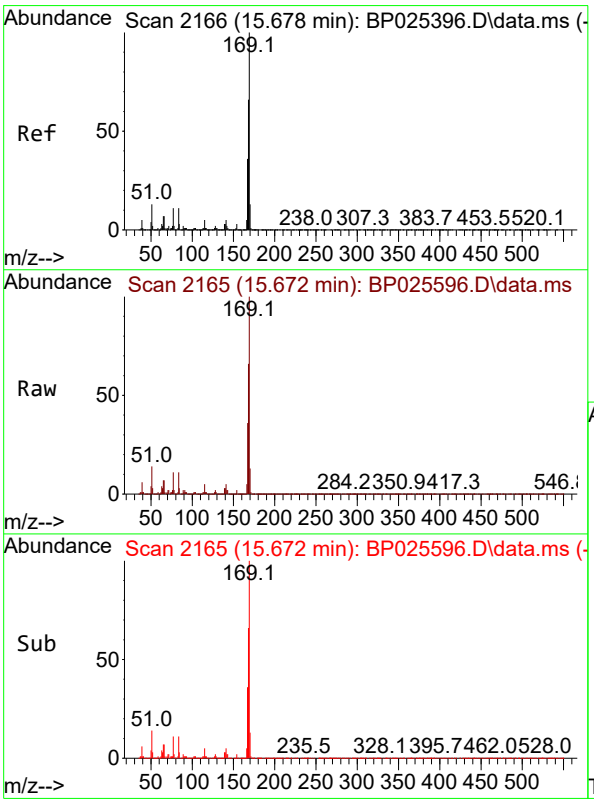
#65
4,6-Dinitro-2-methylphenol
Concen: 45.462 ng
RT: 15.548 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

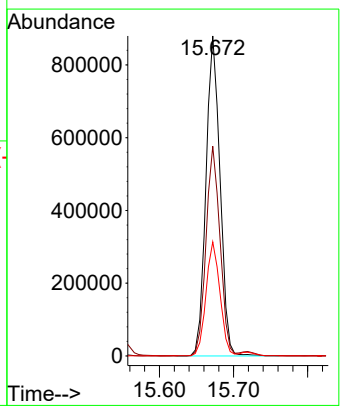


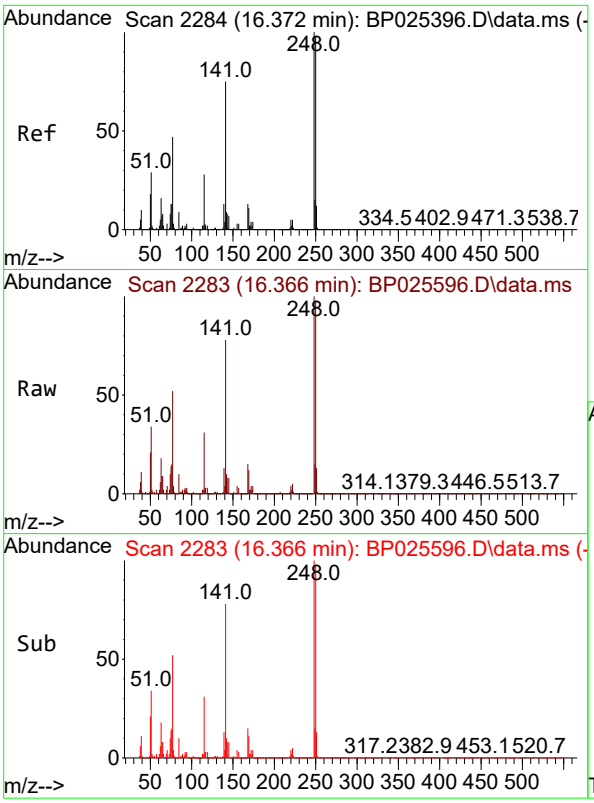


#66
n-Nitrosodiphenylamine
Concen: 38.921 ng
RT: 15.672 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



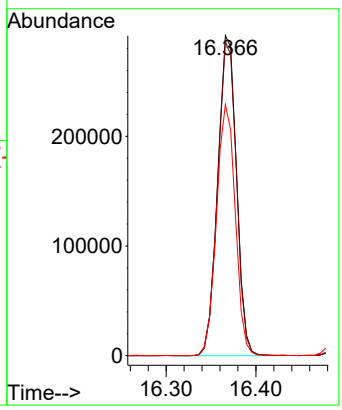


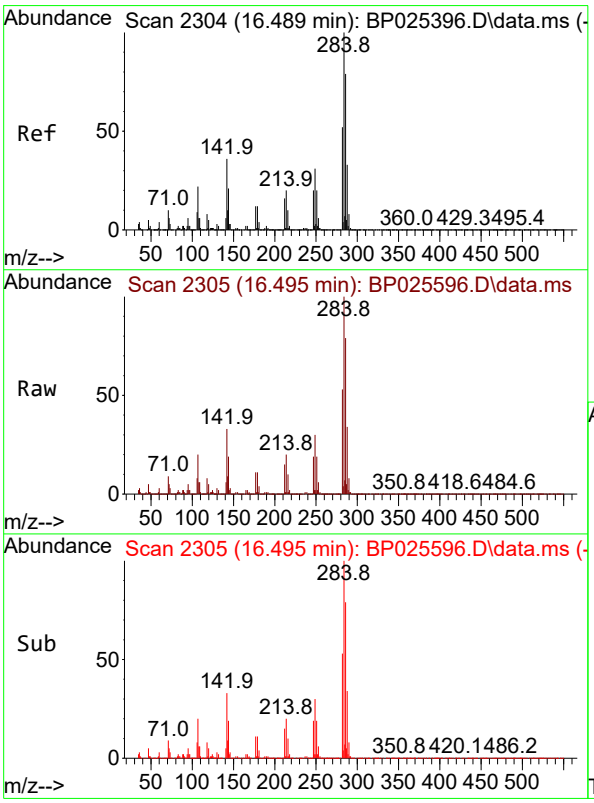
#67
4-Bromophenyl-phenylether
Concen: 39.510 ng
RT: 16.366 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

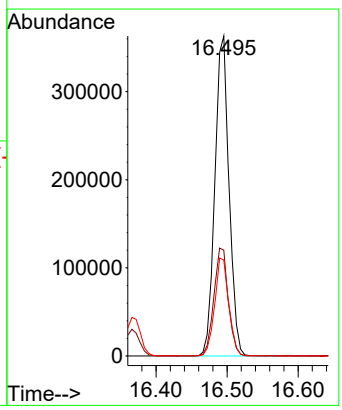


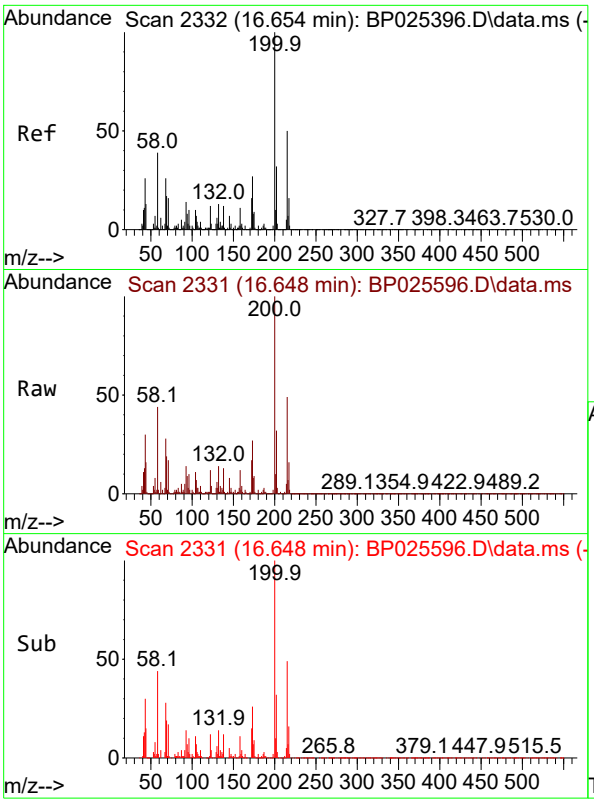


#68
Hexachlorobenzene
Concen: 40.236 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



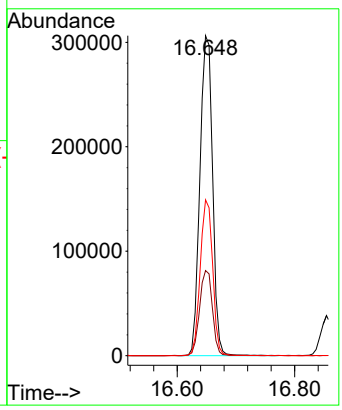


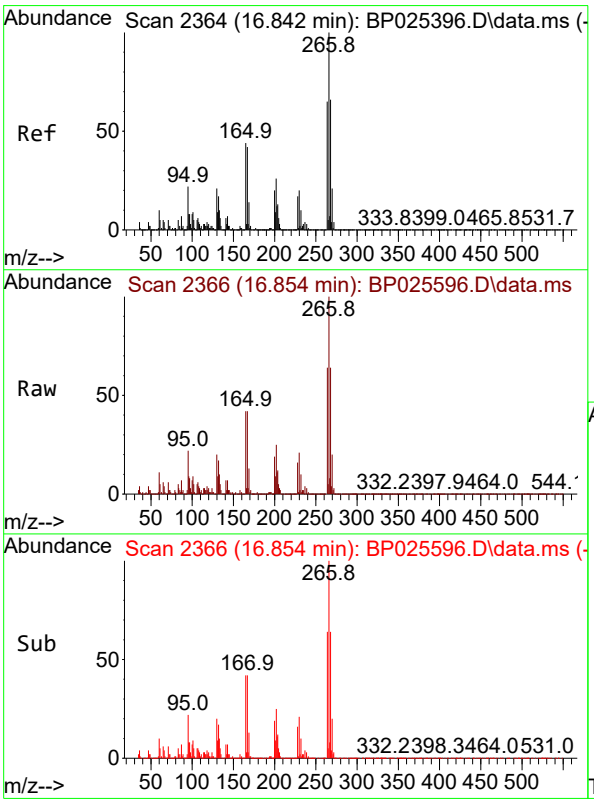
#69
Atrazine
Concen: 41.026 ng
RT: 16.648 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

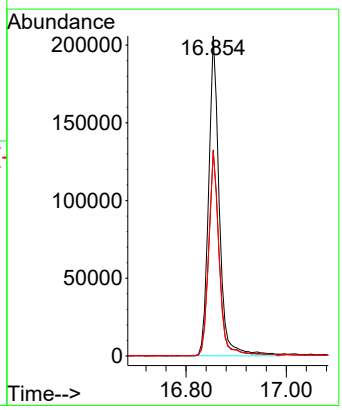


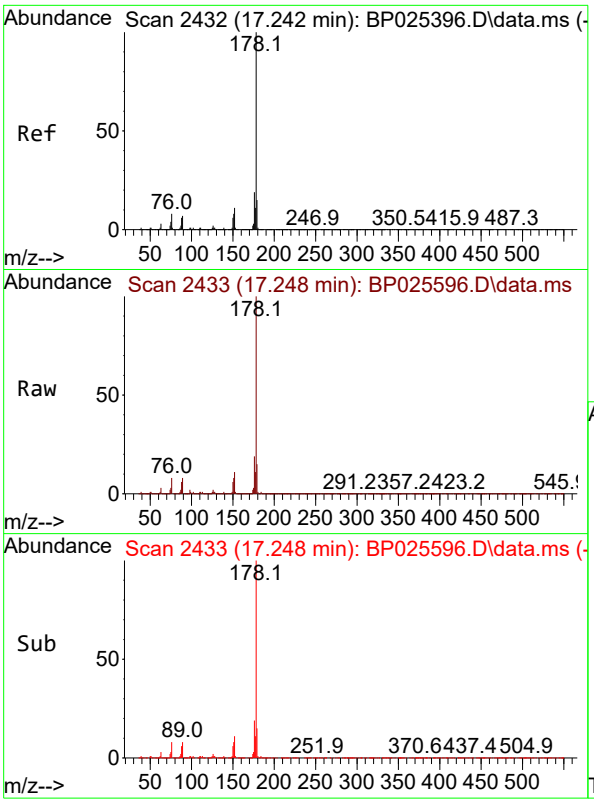


#70
Pentachlorophenol
Concen: 38.540 ng
RT: 16.854 min Scan# 2366
Delta R.T. 0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



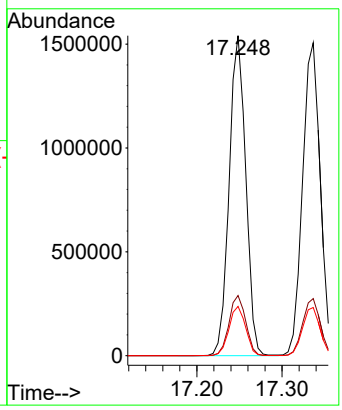


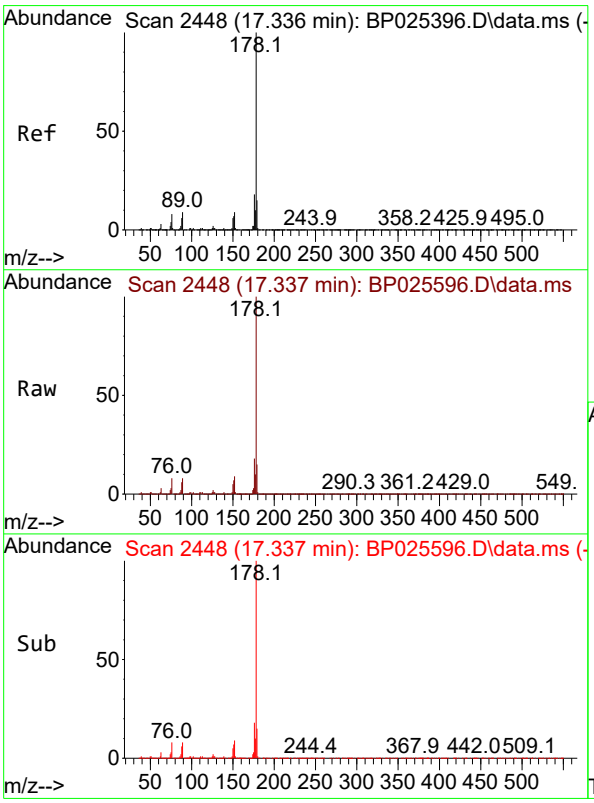
#71
Phenanthrene
Concen: 38.815 ng
RT: 17.248 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

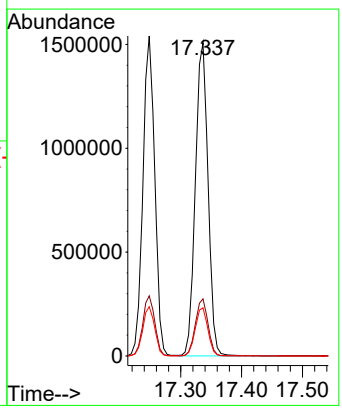


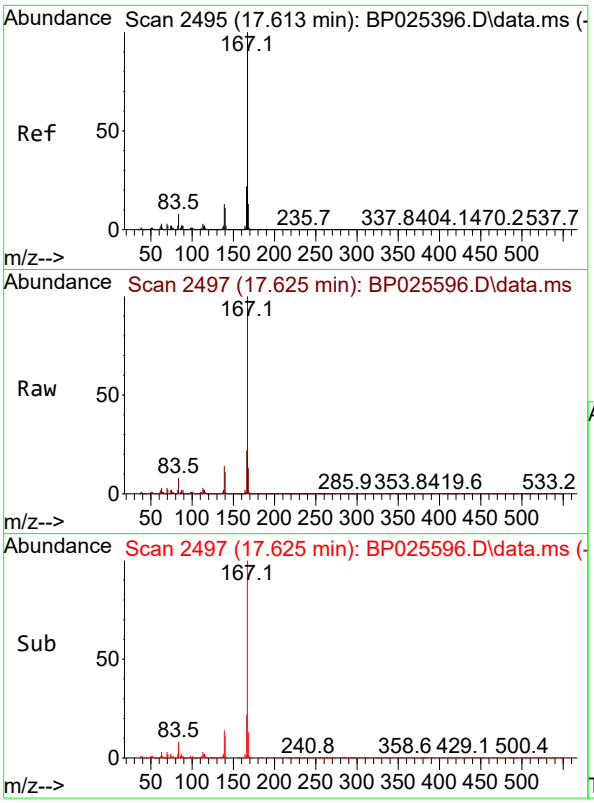


#72
Anthracene
Concen: 39.688 ng
RT: 17.337 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



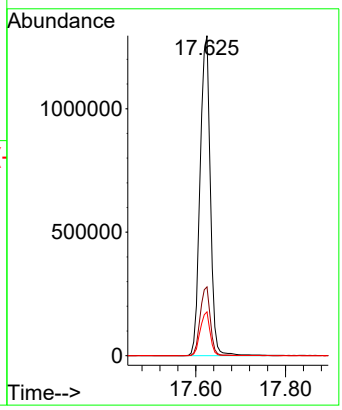


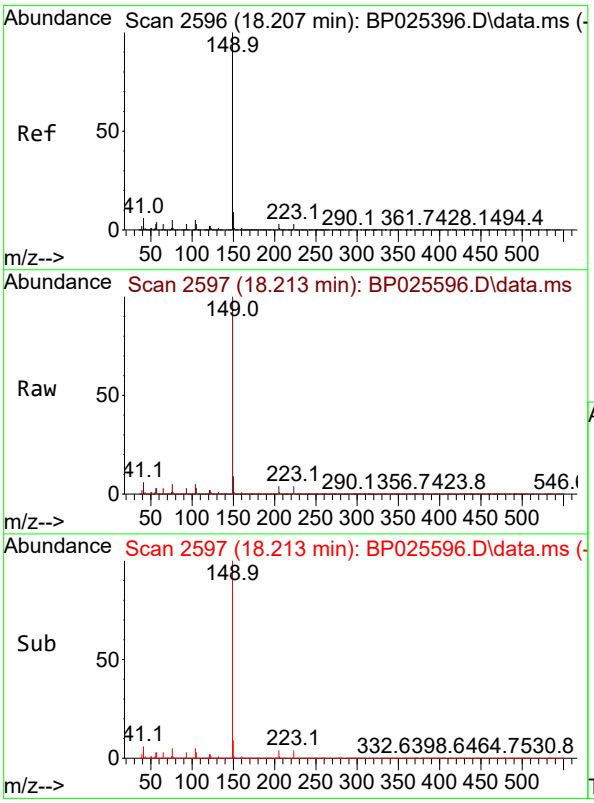
#73
Carbazole
Concen: 39.618 ng
RT: 17.625 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

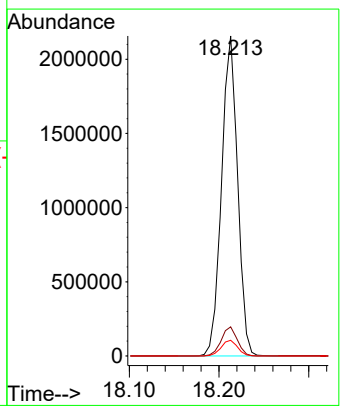


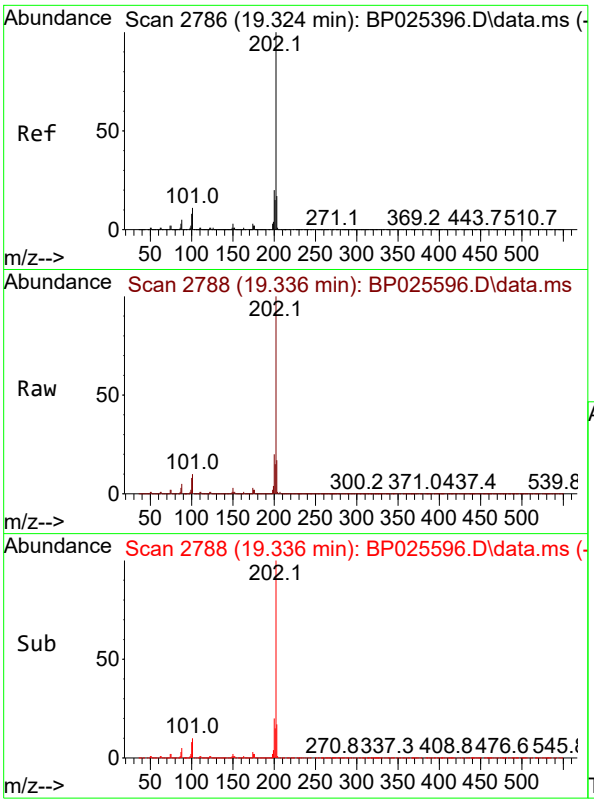


#74
Di-n-butylphthalate
Concen: 42.068 ng
RT: 18.213 min Scan# 2597
Delta R.T. 0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



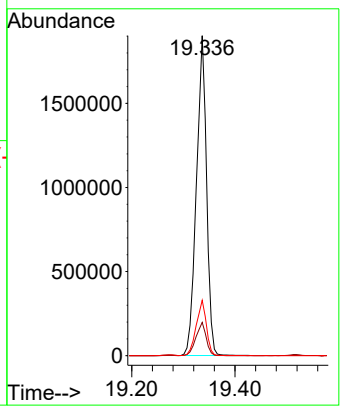


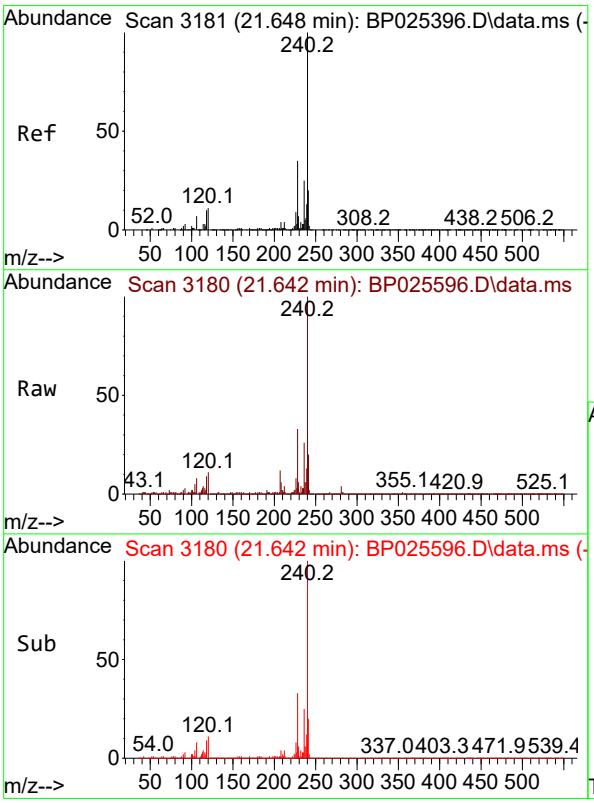
#75
Fluoranthene
Concen: 40.422 ng
RT: 19.336 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

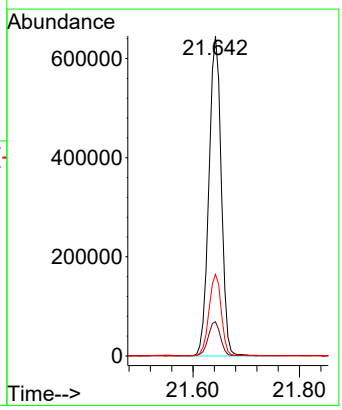


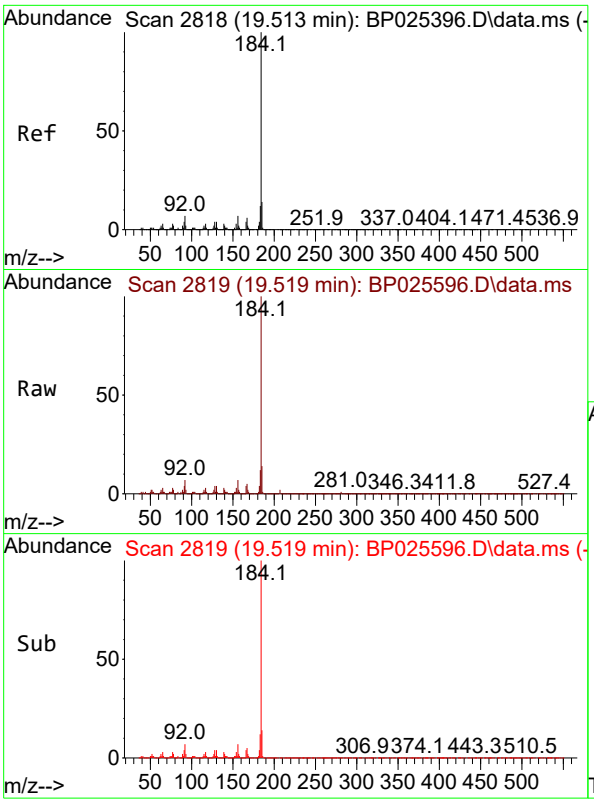


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



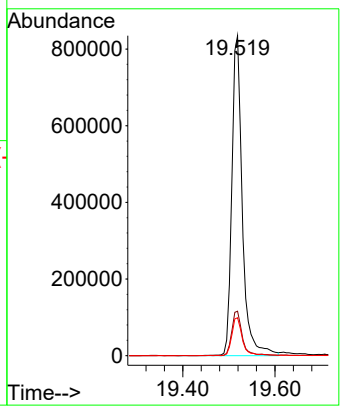


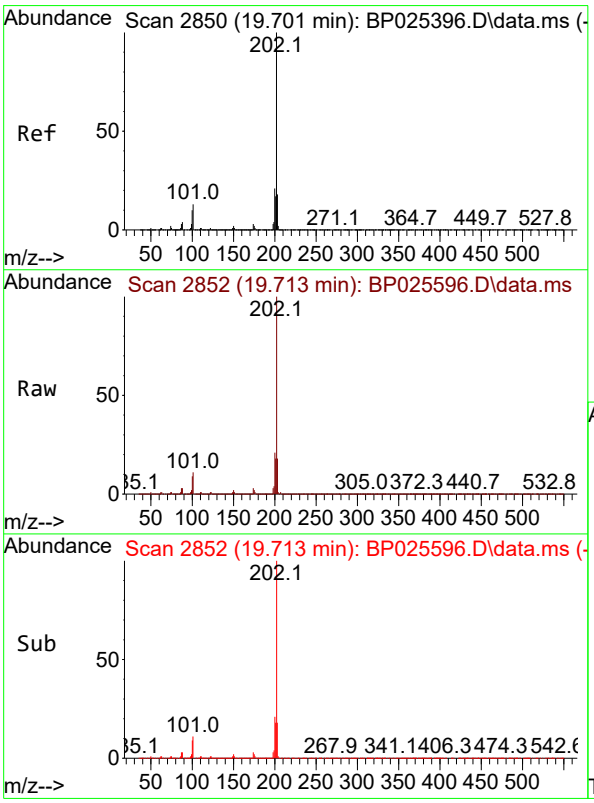
#77
Benzidine
Concen: 37.234 ng
RT: 19.519 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

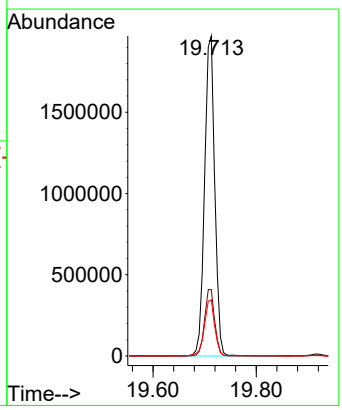


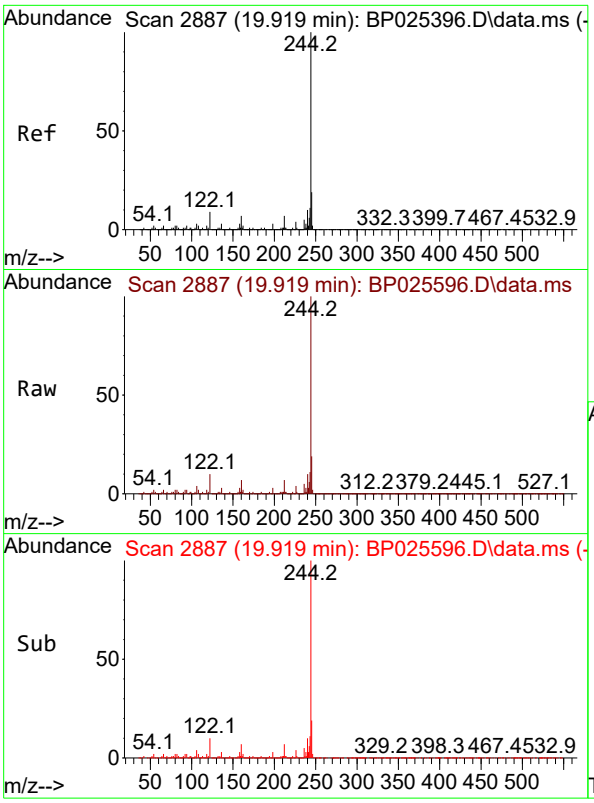


#78
Pyrene
Concen: 39.867 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



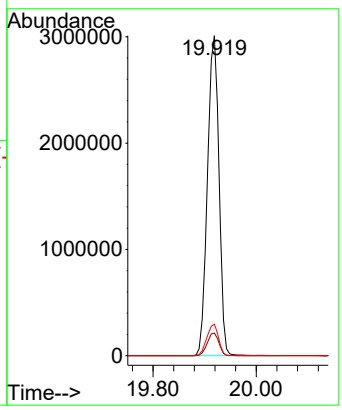


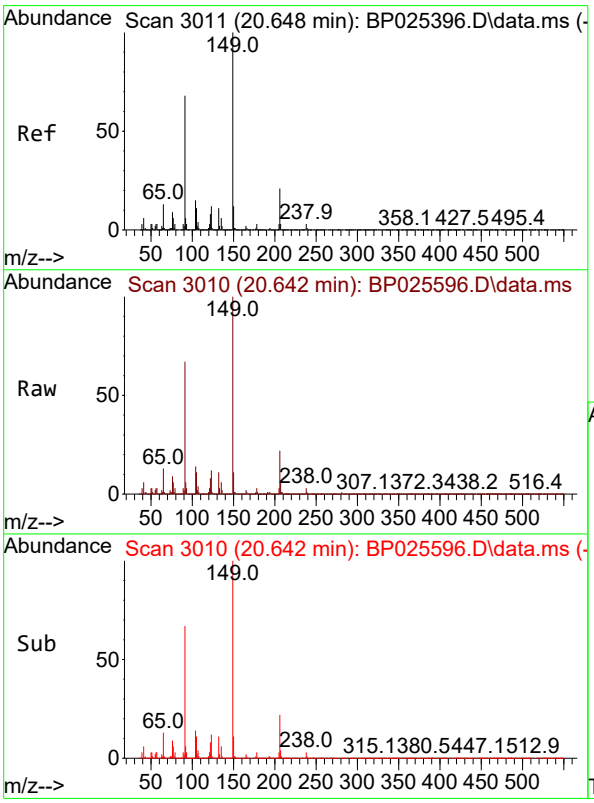
#79
Terphenyl-d14
Concen: 82.140 ng
RT: 19.919 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

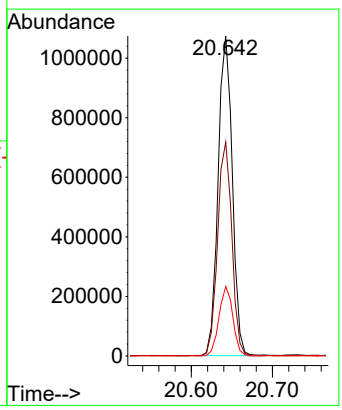


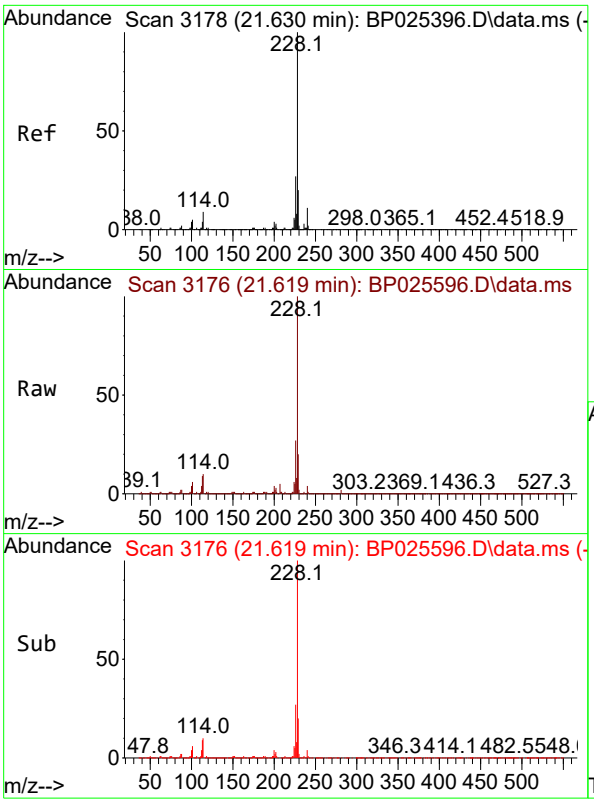


#80
Butylbenzylphthalate
Concen: 42.763 ng
RT: 20.642 min Scan# 3010
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



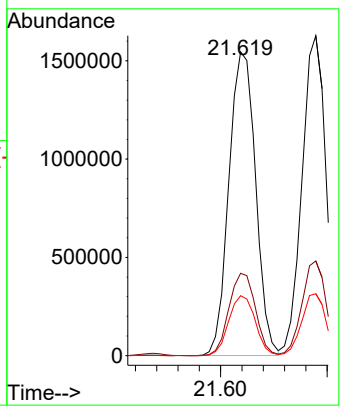


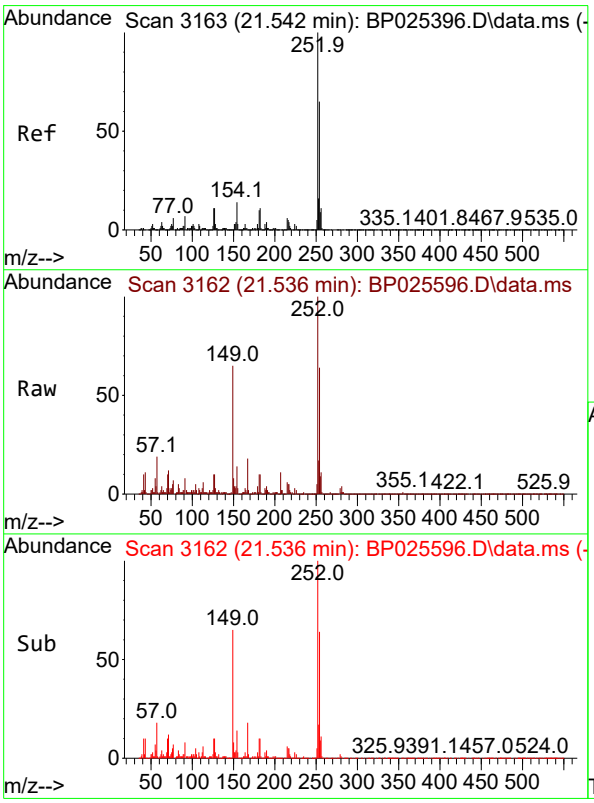
#81
Benzo(a)anthracene
Concen: 39.398 ng
RT: 21.619 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

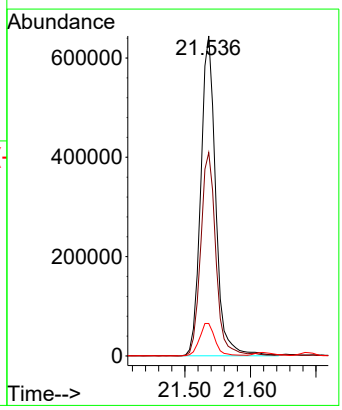


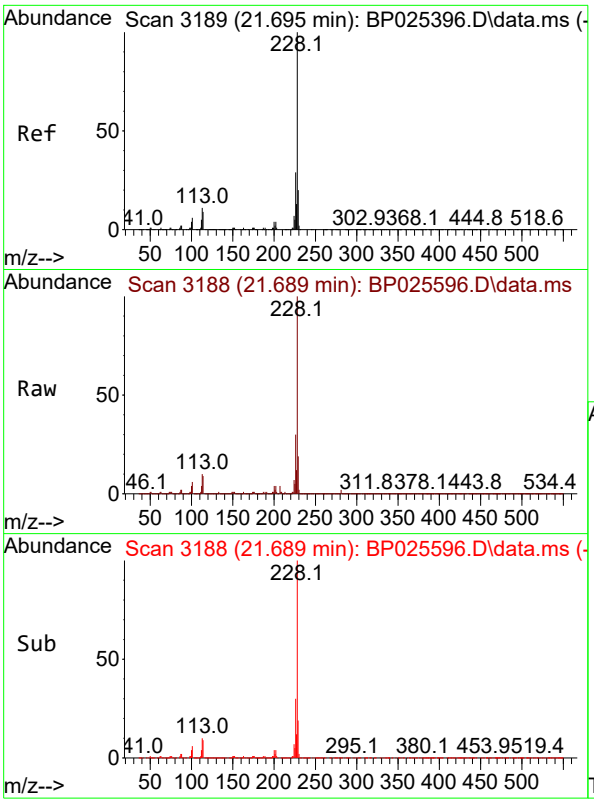


#82
3,3'-Dichlorobenzidine
Concen: 39.757 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



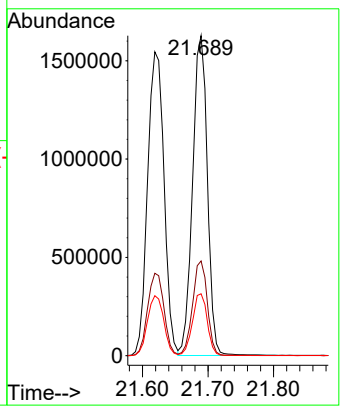


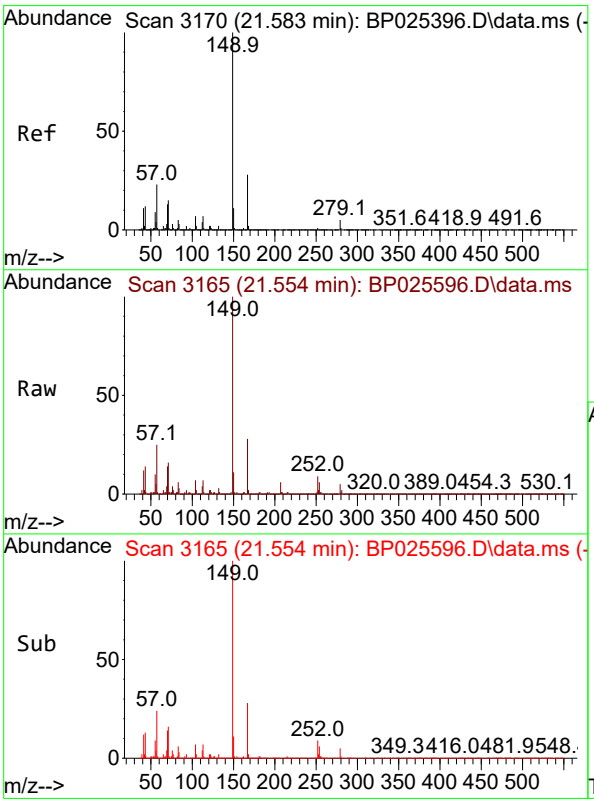
#83
Chrysene
Concen: 39.874 ng
RT: 21.689 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

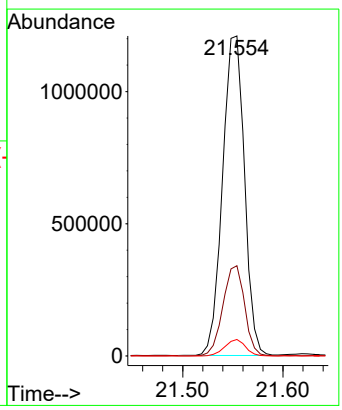


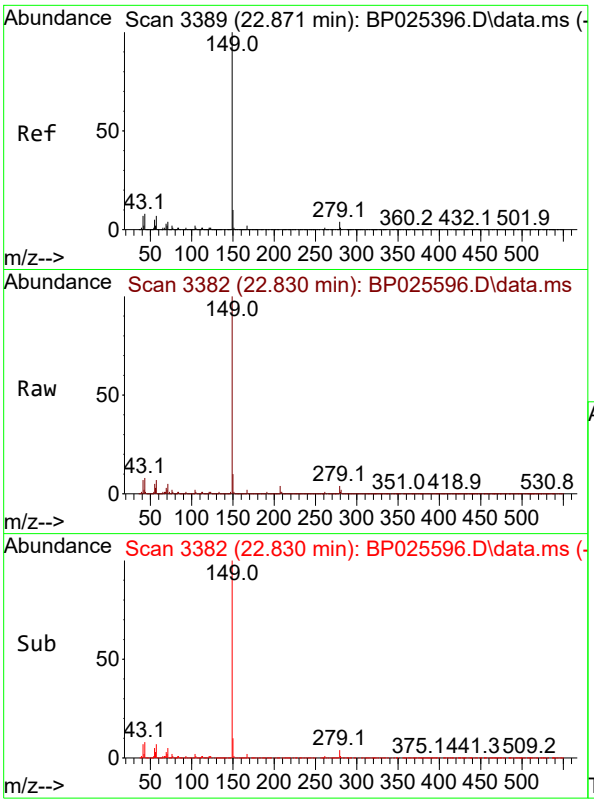


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.773 ng
RT: 21.554 min Scan# 3165
Delta R.T. -0.029 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



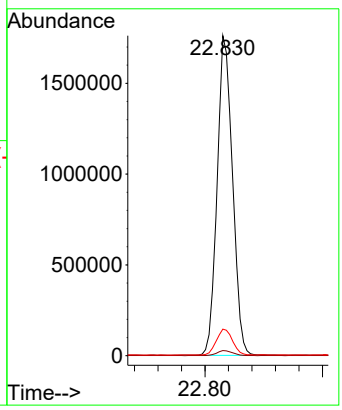


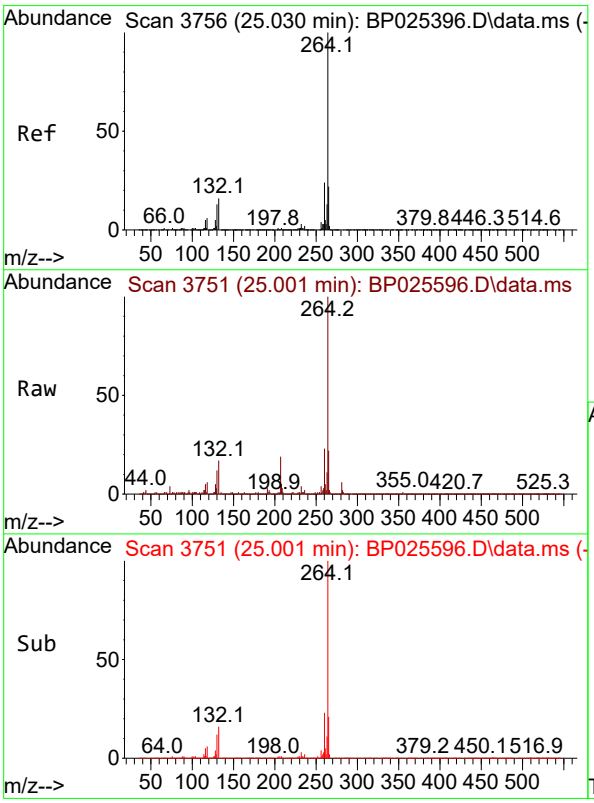
#85
Di-n-octyl phthalate
Concen: 41.423 ng
RT: 22.830 min Scan# 3
Delta R.T. -0.041 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

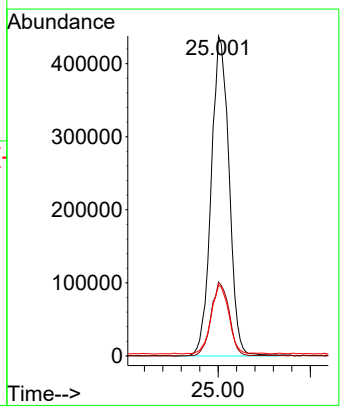


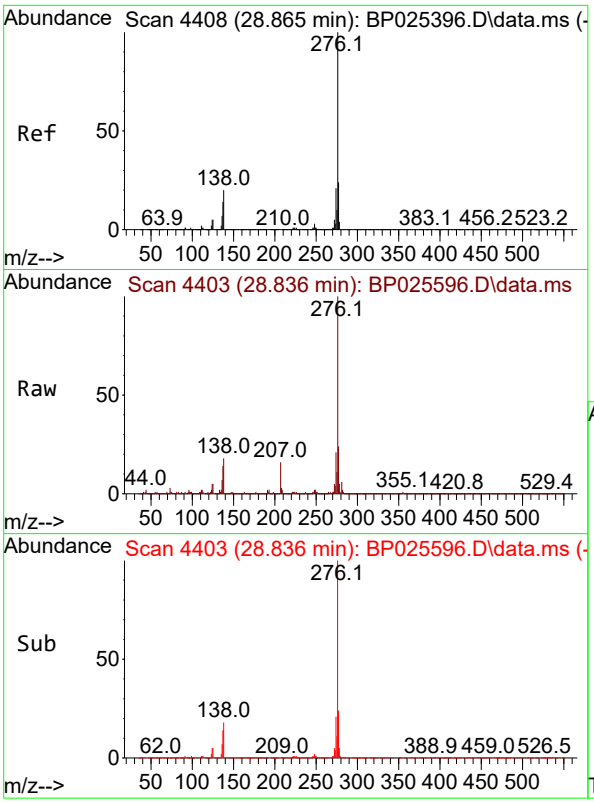


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3751
Delta R.T. -0.029 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



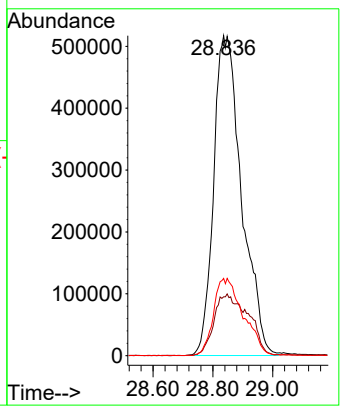


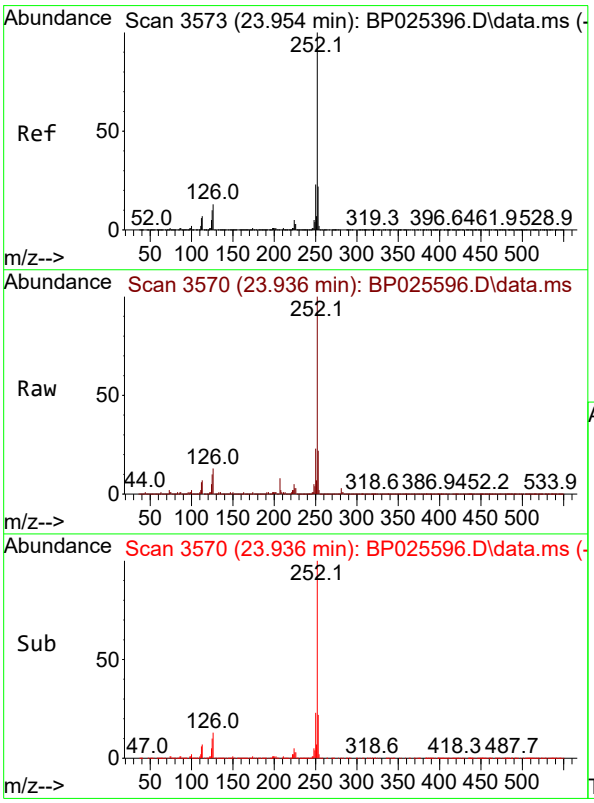
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.915 ng
RT: 28.836 min Scan# 44
Delta R.T. -0.029 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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#

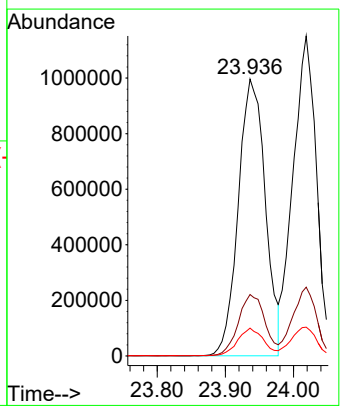


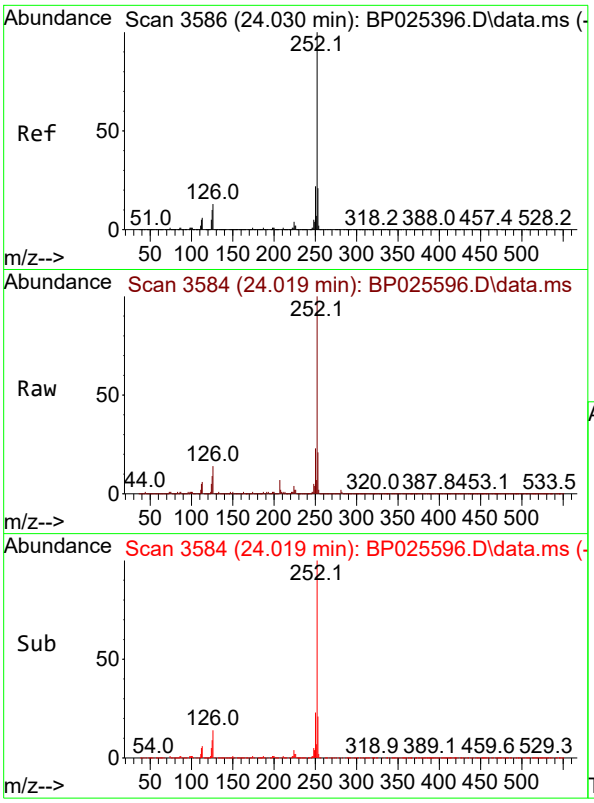


#88
Benzo(b)fluoranthene
Concen: 39.525 ng
RT: 23.936 min Scan# 3570
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



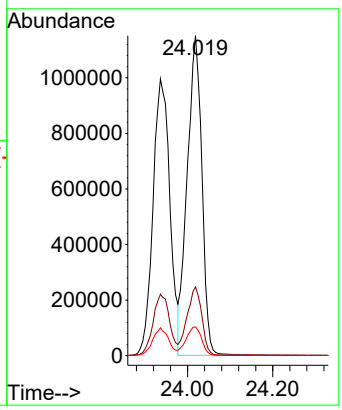


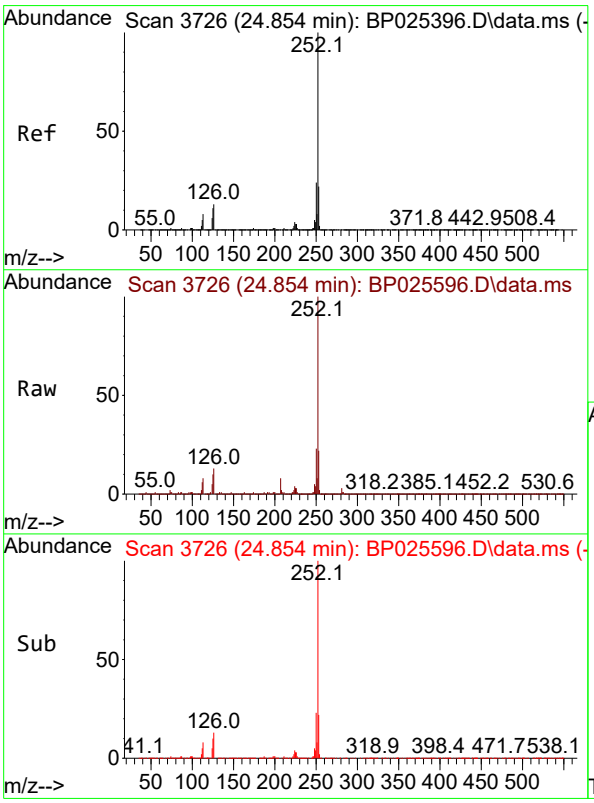
#89
Benzo(k)fluoranthene
Concen: 39.635 ng
RT: 24.019 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

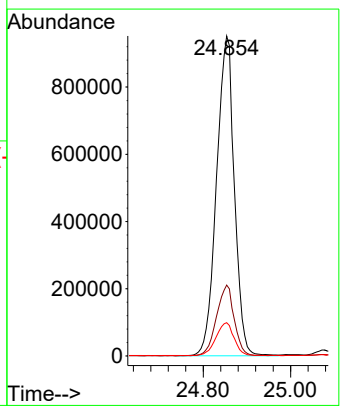


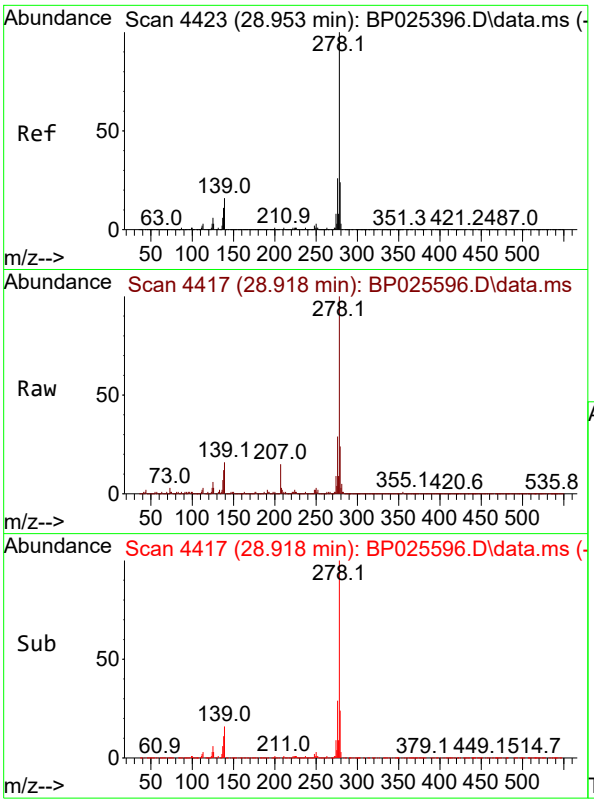


#90
Benzo(a)pyrene
Concen: 39.681 ng
RT: 24.854 min Scan# 3726
Delta R.T. 0.000 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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



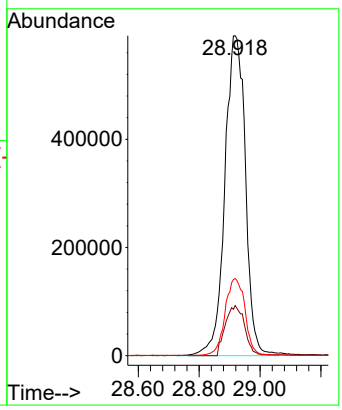


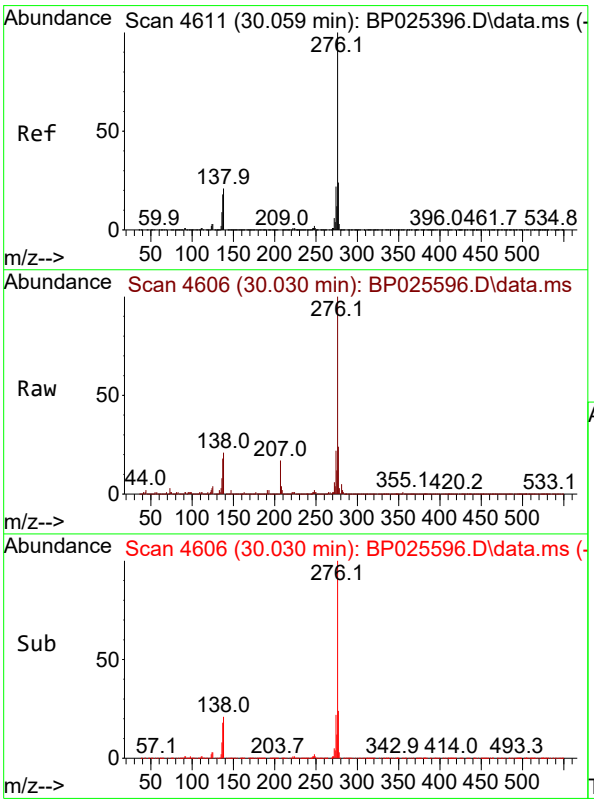
#91
Dibenzo(a,h)anthracene
Concen: 39.257 ng
RT: 28.918 min Scan# 4
Delta R.T. -0.035 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

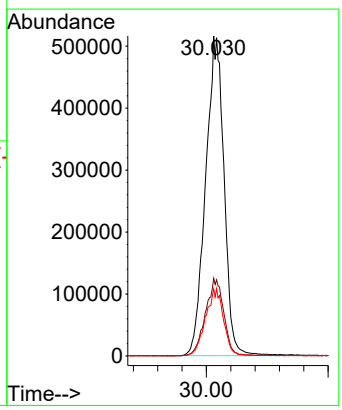




#92
Benzo(g,h,i)perylene
Concen: 38.988 ng
RT: 30.030 min Scan# 4606
Delta R.T. -0.029 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

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

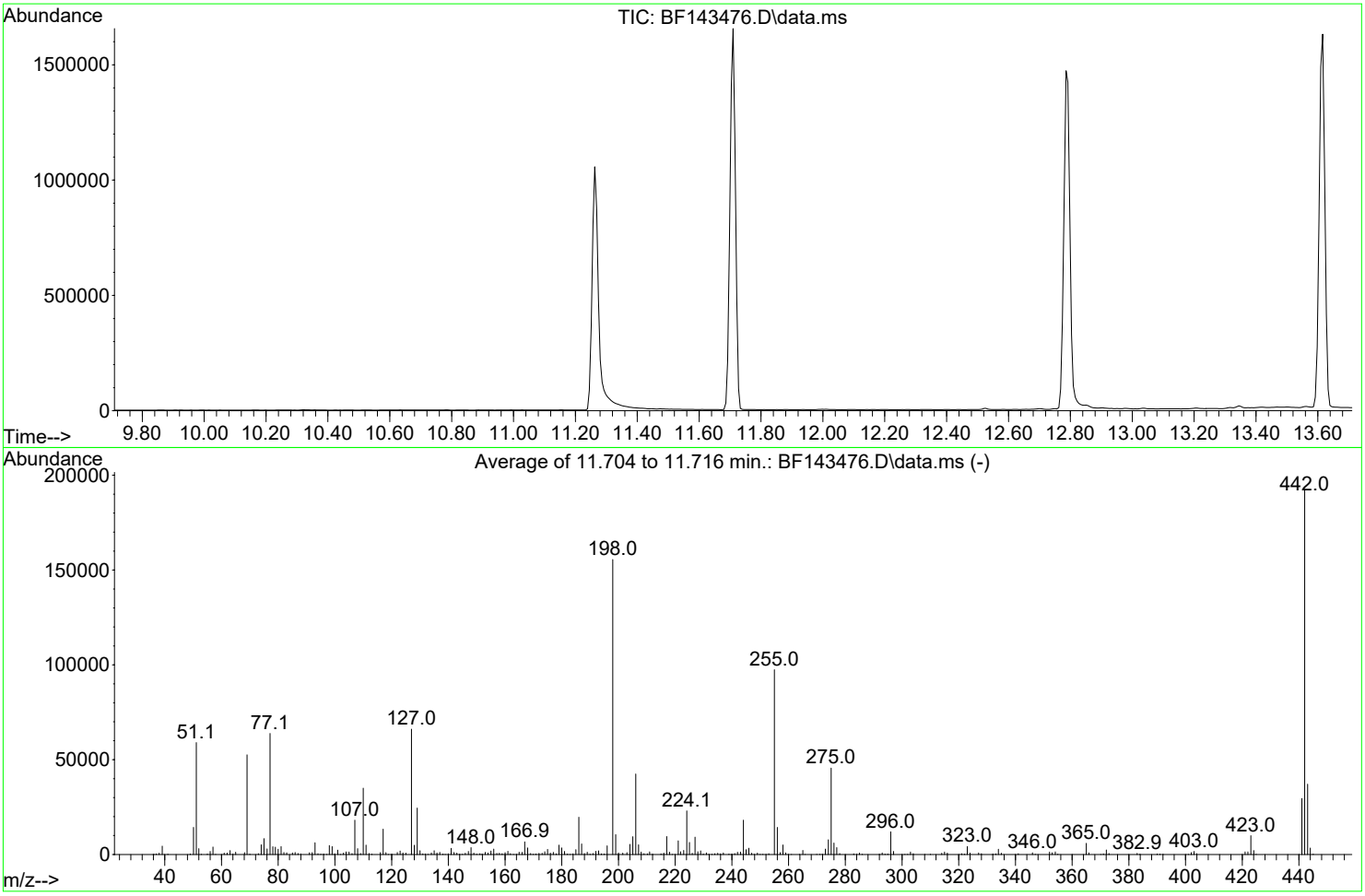
Sample Results: **BF143476.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143476.D
Acq On : 20 Aug 2025 10:26
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 21 06:12:21 2025



AutoFind: Scans 1617, 1618, 1619; Background Corrected with Scan 1610

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.9	985	PASS
69	69	100	100	100.0	52563	PASS
70	69	0.00	2	0.5	276	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	155509	PASS
199	198	5	9	6.8	10536	PASS
365	198	1	100	3.8	5904	PASS
441	443	0.01	150	79.6	29523	PASS
442	442	100	100	100.0	191893	PASS
443	442	15	24	19.3	37093	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/20/2025	BNA_F	BF143476.D
Compound Name	**Response**	**Retention Time**
DDT	414933	13.616
DDD	4692	13.345
DDE	1143	12.98
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
5835	420768	1.39

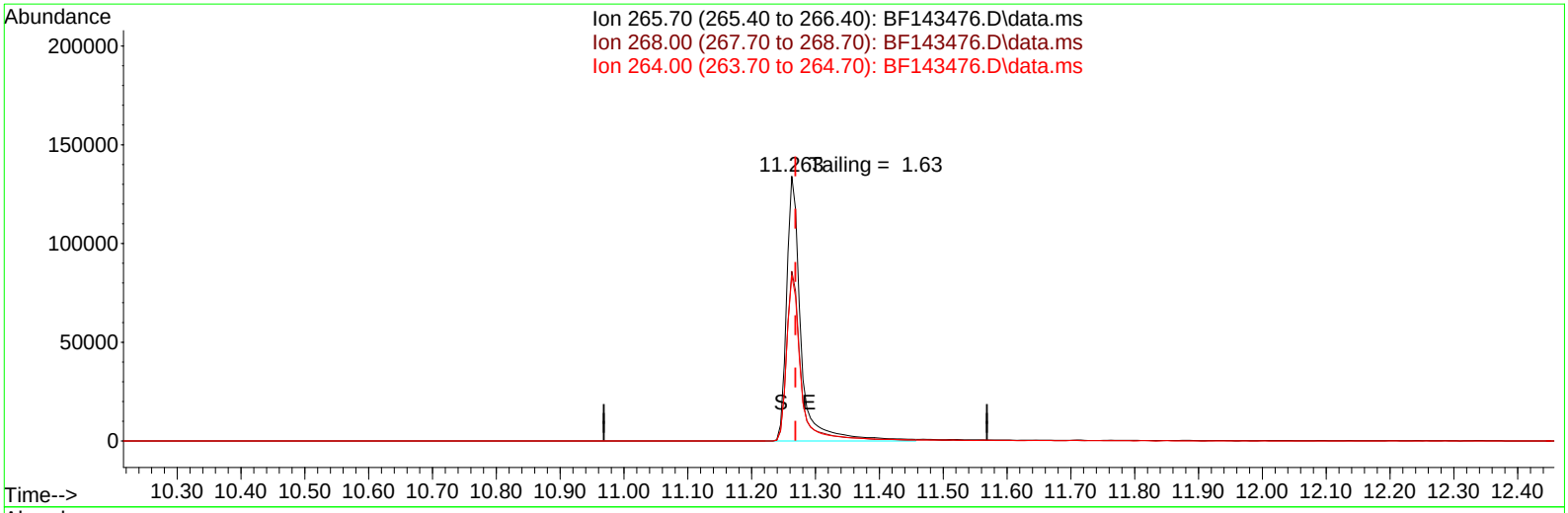
Instrument :
BNA_F
ClientSampleId :
DFTPP

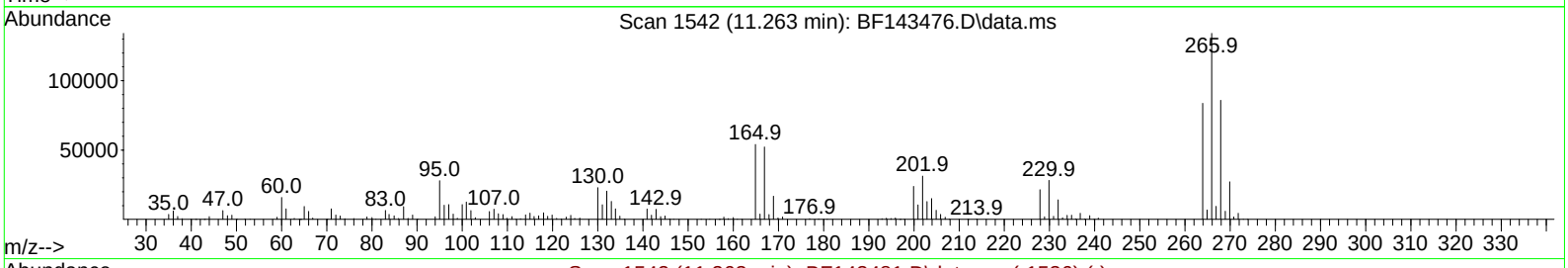
Sample Results: **BF143476.D**

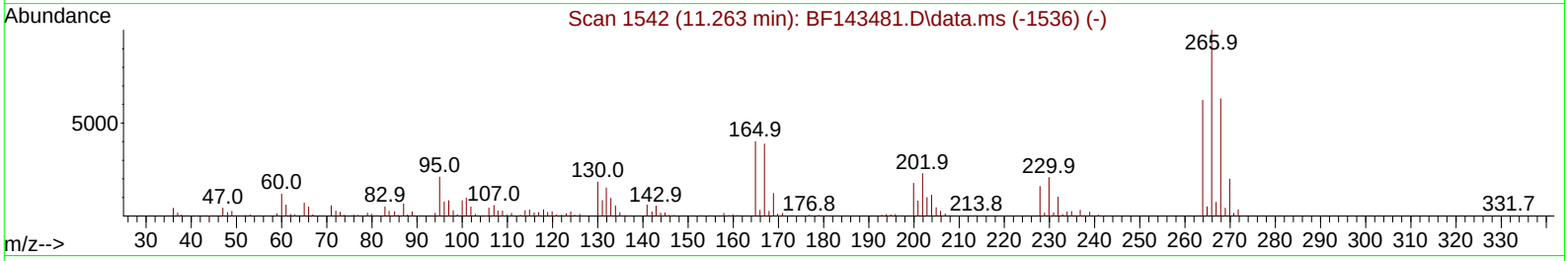
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143476.D
Acq On : 20 Aug 2025 10:26
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 20 16:18:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration







TIC: BF143476.D\data.ms

(70) Pentachlorophenol (C)

11.263min (-0.006) 46358.19 ng

response 211078

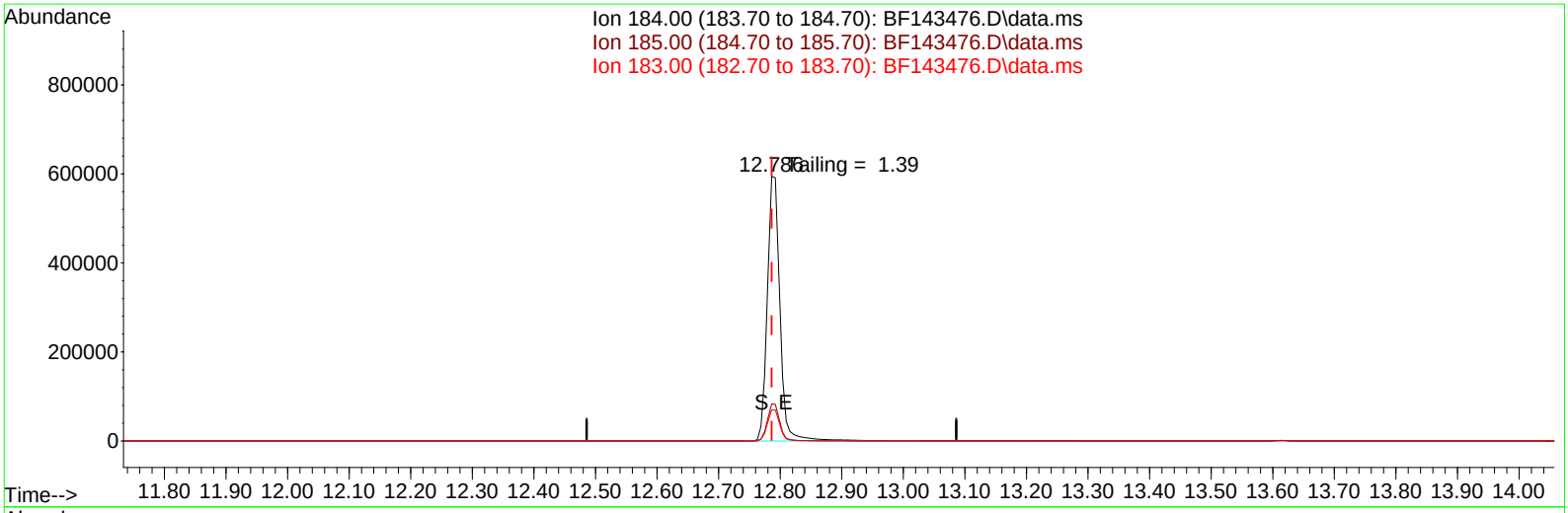
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.10	64.07
264.00	62.30	62.45
0.00	0.00	0.00

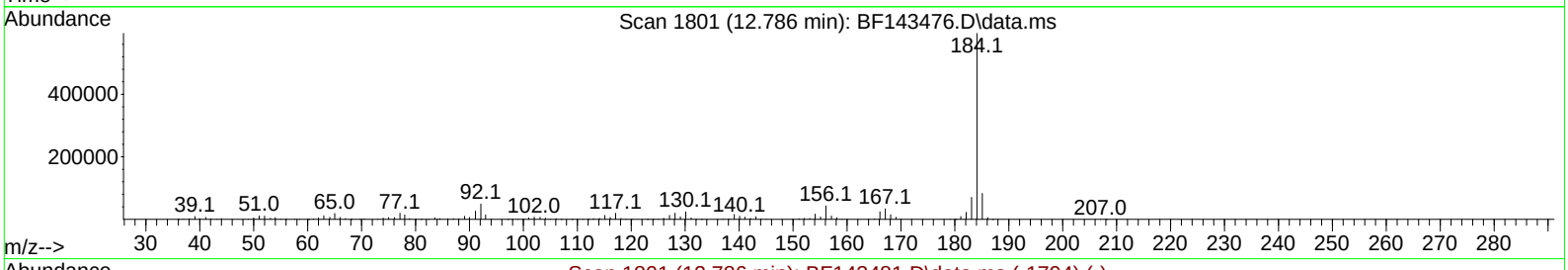
Sample Results: **BF143476.D**

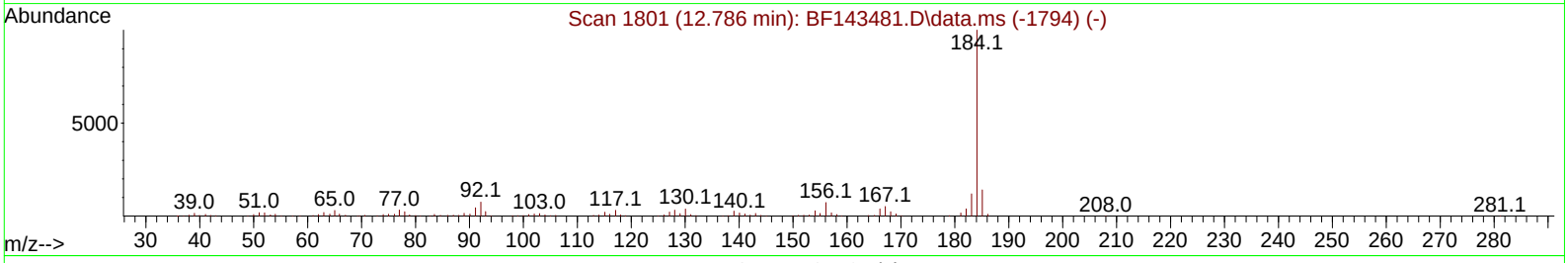
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143476.D
Acq On : 20 Aug 2025 10:26
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 20 16:18:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration







TIC: BF143476.D\data.ms

(77) Benzidine

12.786min (+ 0.000) 0.00 ng

response 857686

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.10	14.00
183.00	11.90	11.84
0.00	0.00	0.00

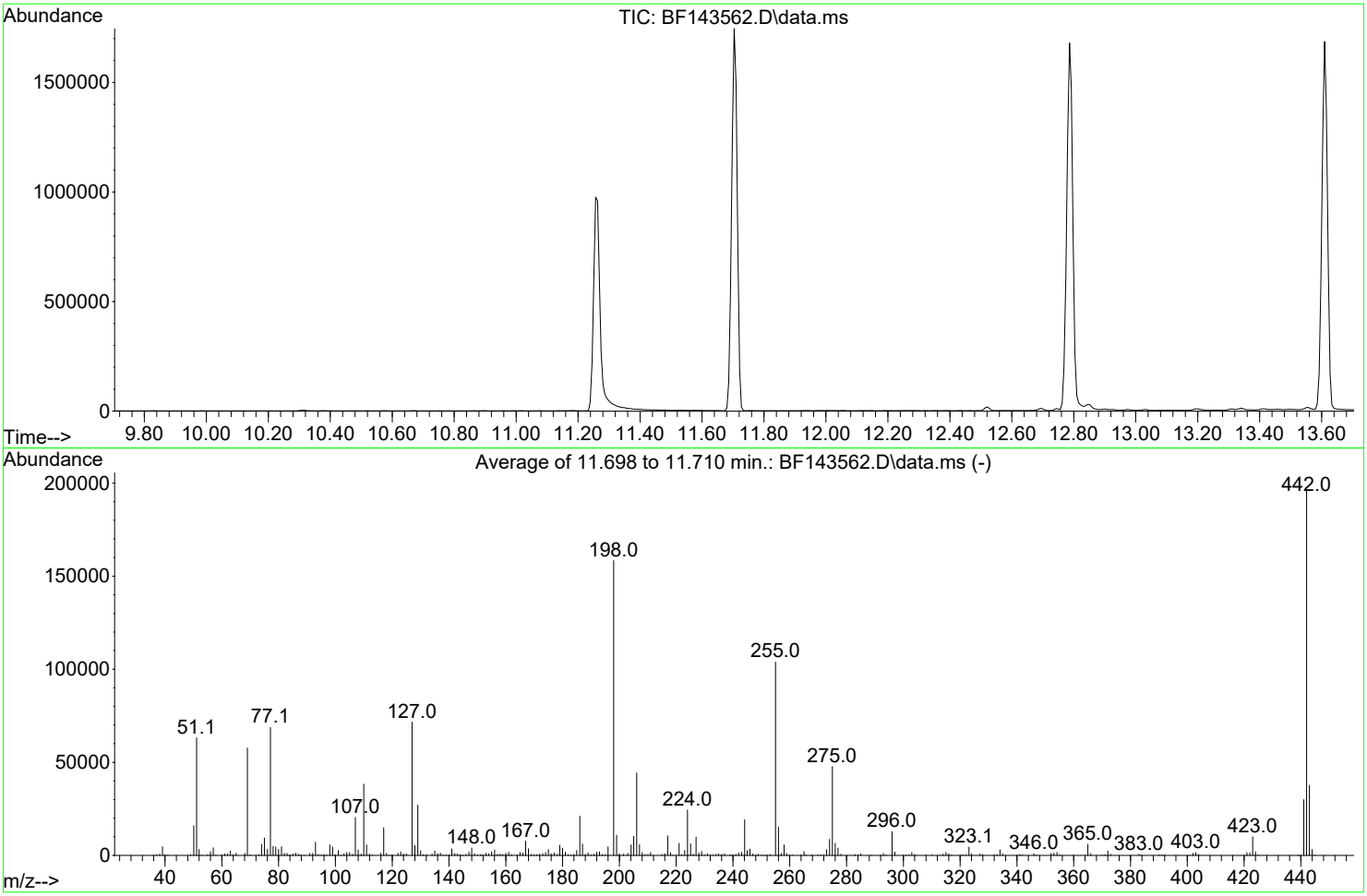
Sample Results: **BF143562.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143562.D
Acq On : 22 Aug 2025 09:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 21 06:12:21 2025



AutoFind: Scans 1616, 1617, 1618; Background Corrected with Scan 1610

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	2.0	1135	PASS
69	69	100	100	100.0	57712	PASS
70	69	0.00	2	0.6	333	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	158357	PASS
199	198	5	9	6.9	10882	PASS
365	198	1	100	3.8	6013	PASS
441	443	0.01	150	79.5	29981	PASS
442	442	100	100	100.0	195693	PASS
443	442	15	24	19.3	37699	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/22/2025	BNA_F	BF143562.D
Compound Name	**Response**	**Retention Time**
DDT	399110	13.61
DDD	5018	13.339
DDE	1337	12.974
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
6355	405465	1.57

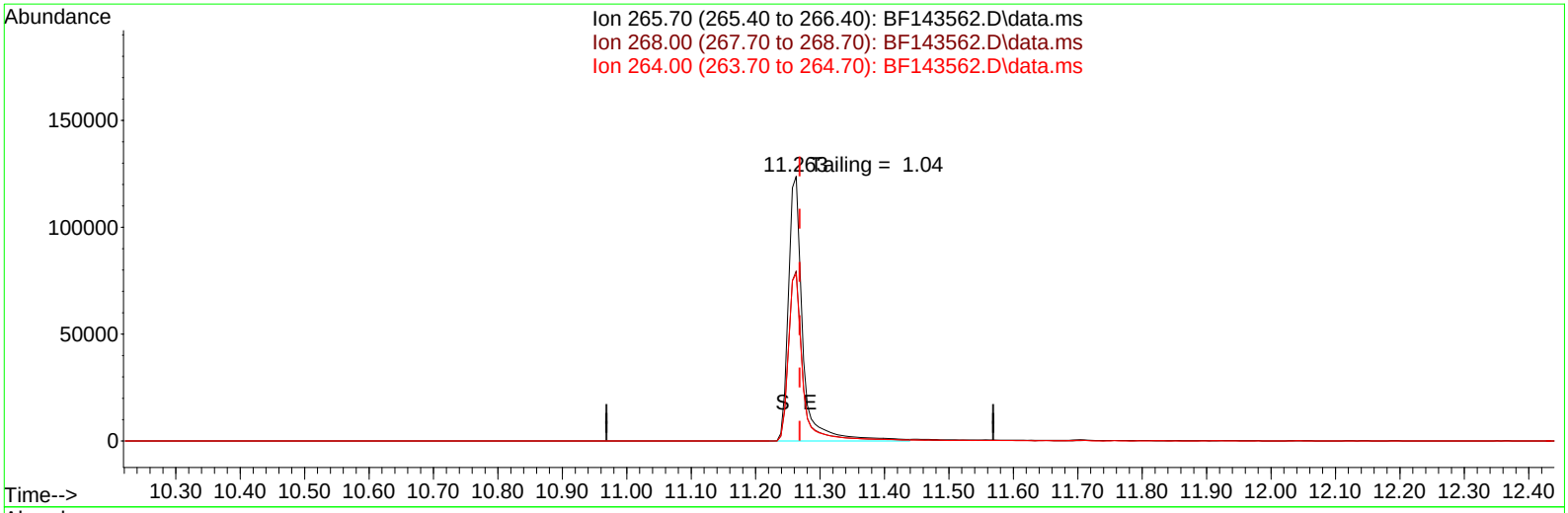
Instrument :
BNA_F
ClientSampleId :
DFTPP

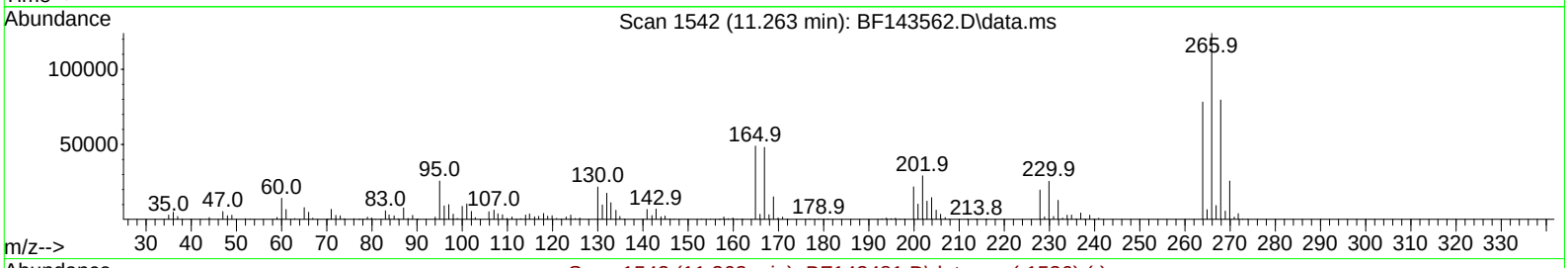
Sample Results: **BF143562.D**

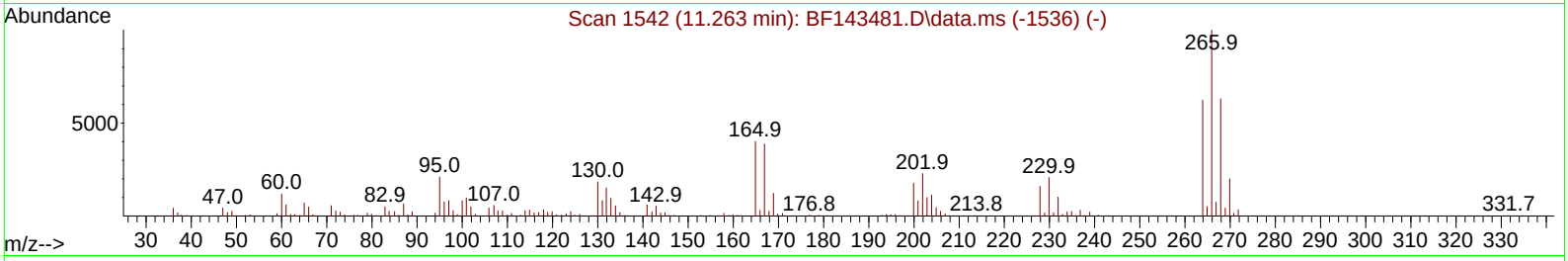
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143562.D
Acq On : 22 Aug 2025 09:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 22 09:53:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration







TIC: BF143562.D\data.ms

(70) Pentachlorophenol (C)

11.263min (-0.006) 106263.89 ng

response 193411

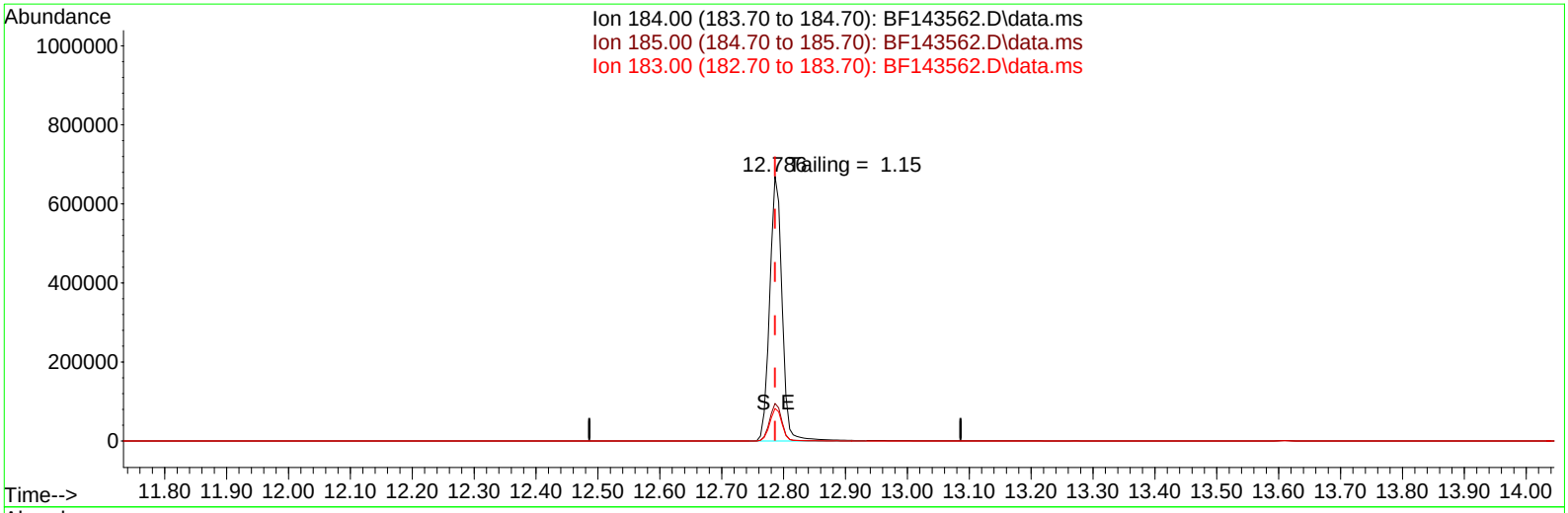
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.10	64.25
264.00	62.30	63.09
0.00	0.00	0.00

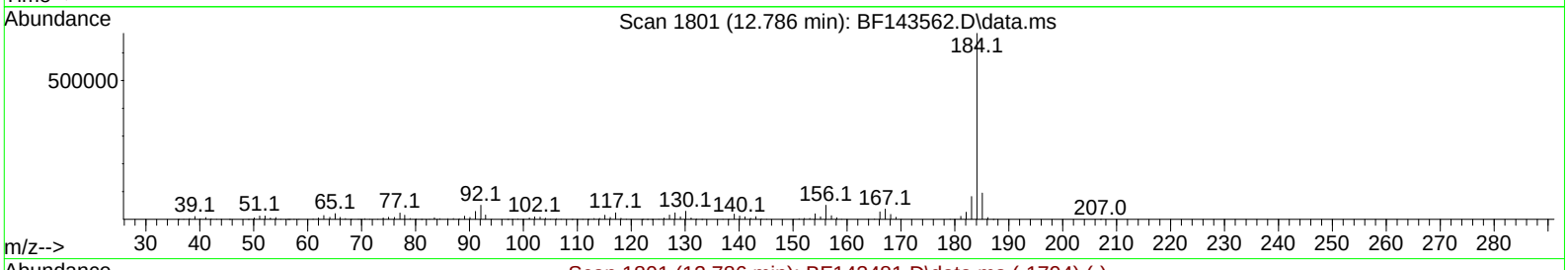
Sample Results: **BF143562.D**

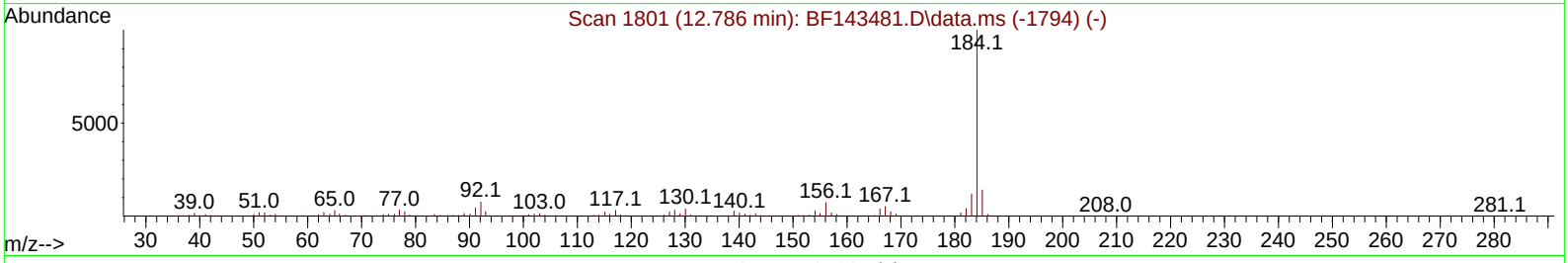
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143562.D
Acq On : 22 Aug 2025 09:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 22 09:53:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration







TIC: BF143562.D\data.ms

(77) Benzidine

12.786min (+ 0.000) 666495.20 ng

response 941621

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.10	14.18
183.00	11.90	12.27
0.00	0.00	0.00

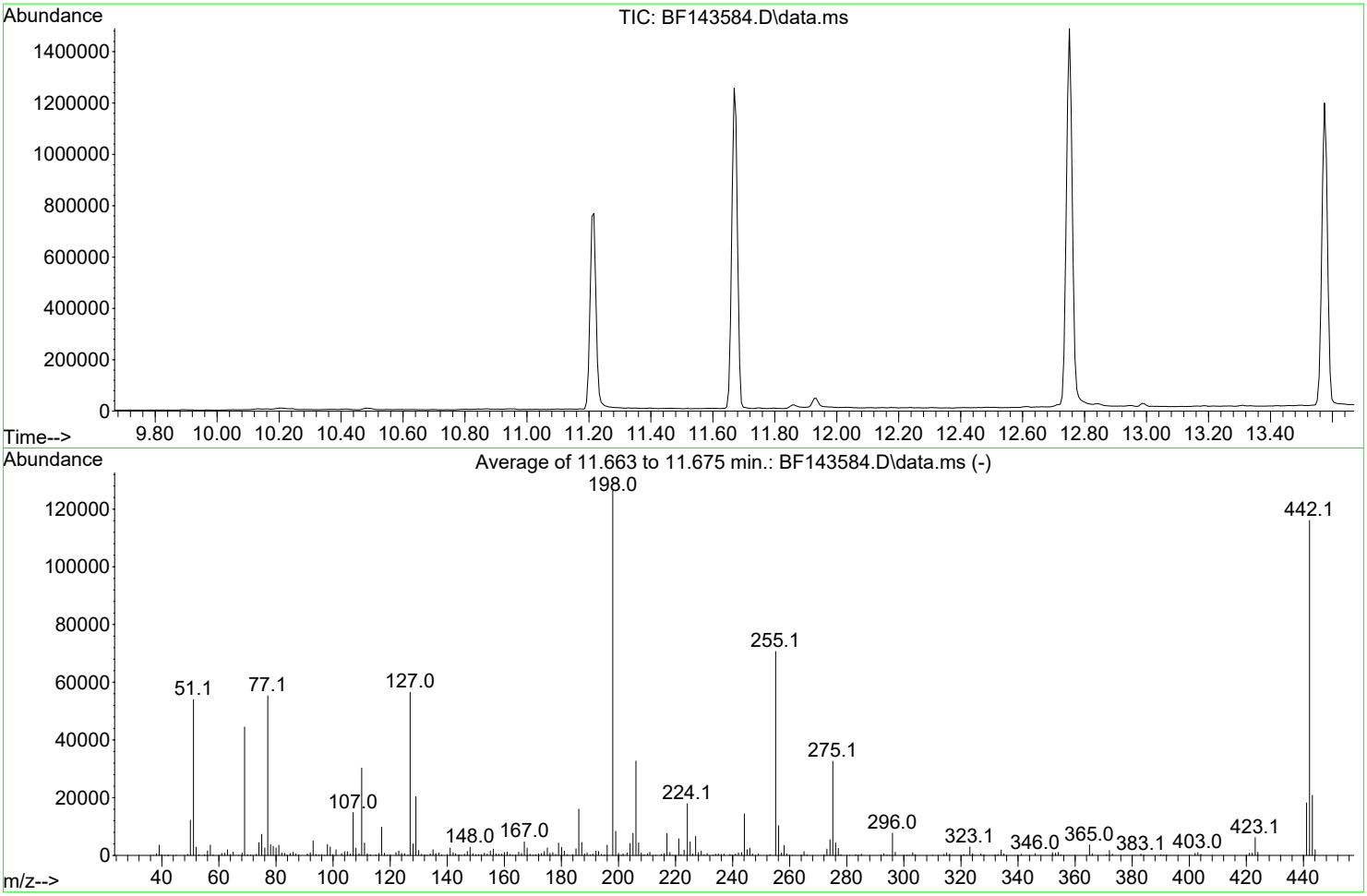
Sample Results: **BF143584.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143584.D
Acq On : 26 Aug 2025 08:36
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Aug 26 16:30:52 2025



AutoFind: Scans 1610, 1611, 1612; Background Corrected with Scan 1604

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.9	866	PASS
69	69	100	100	100.0	44507	PASS
70	69	0.00	2	0.6	286	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	126253	PASS
199	198	5	9	6.7	8415	PASS
365	198	1	100	2.9	3677	PASS
441	443	0.01	150	87.5	18206	PASS
442	442	100	100	100.0	116075	PASS
443	442	15	24	17.9	20814	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/26/2025	BNA_F	BF143584.D
Compound Name	**Response**	**Retention Time**
DDT	230164	13.574
DDD	919	13.31
DDE	0	12.974
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
919	231083	0.40

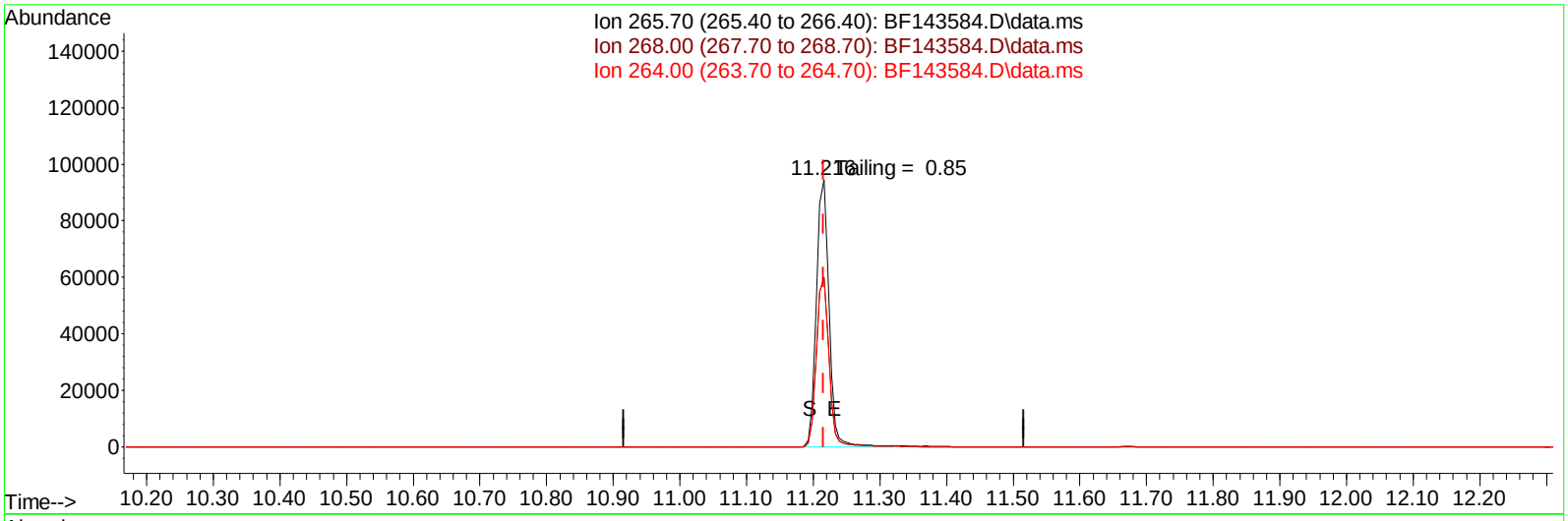
Instrument :
BNA_F
ClientSampleId :
DFTPP

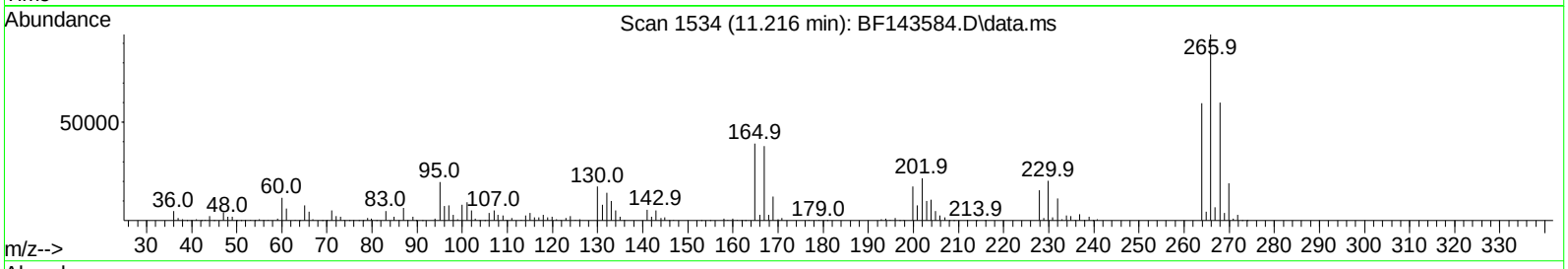
Sample Results: **BF143584.D**

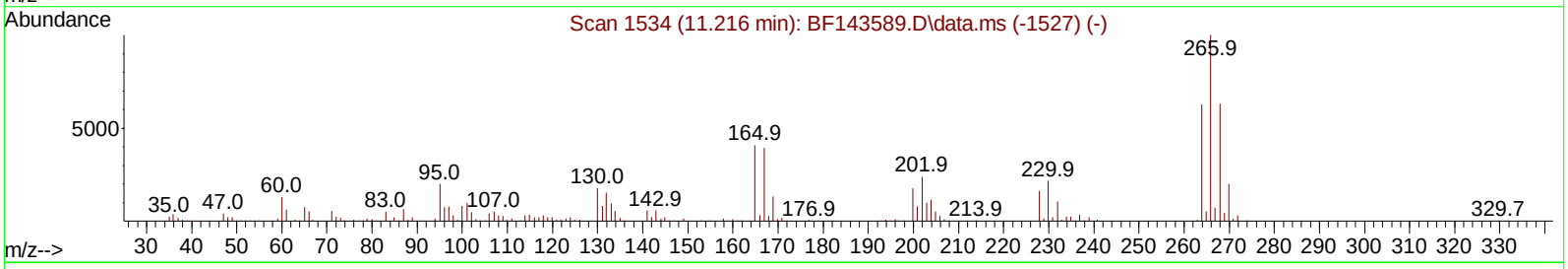
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143584.D
Acq On : 26 Aug 2025 08:36
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 26 16:49:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration







TIC: BF143584.D\data.ms

(70) Pentachlorophenol (C)

11.216min (-0.000) 43843.49 ng

response 124332

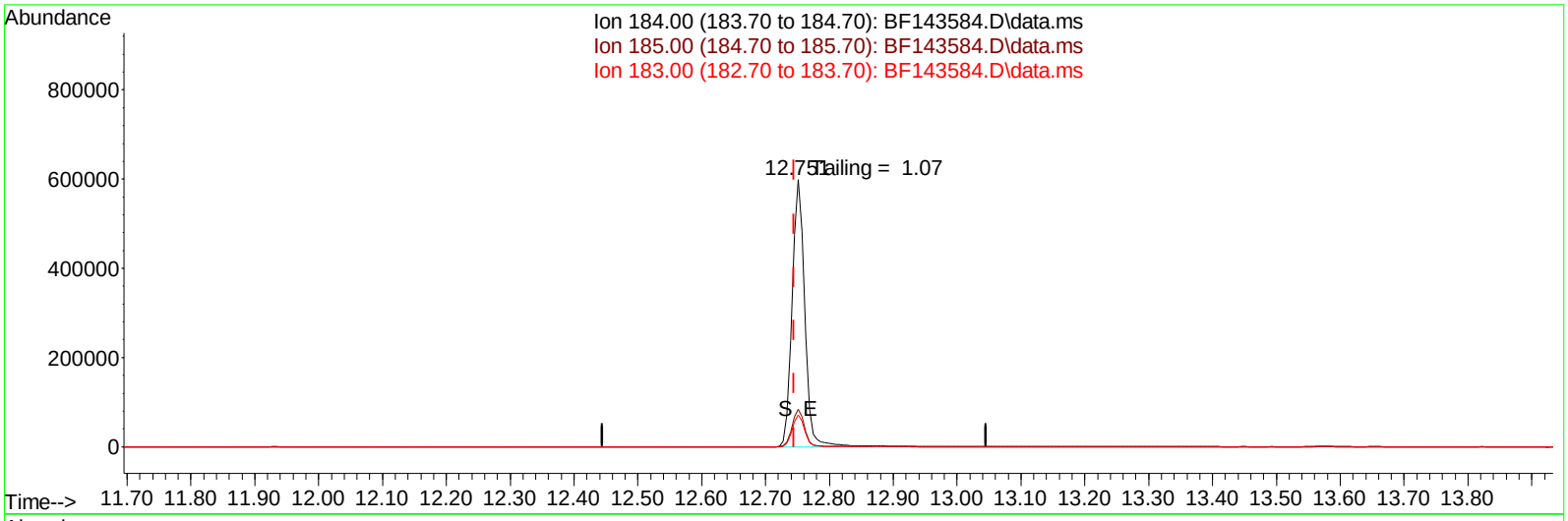
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.00	63.55
264.00	62.60	63.20
0.00	0.00	0.00

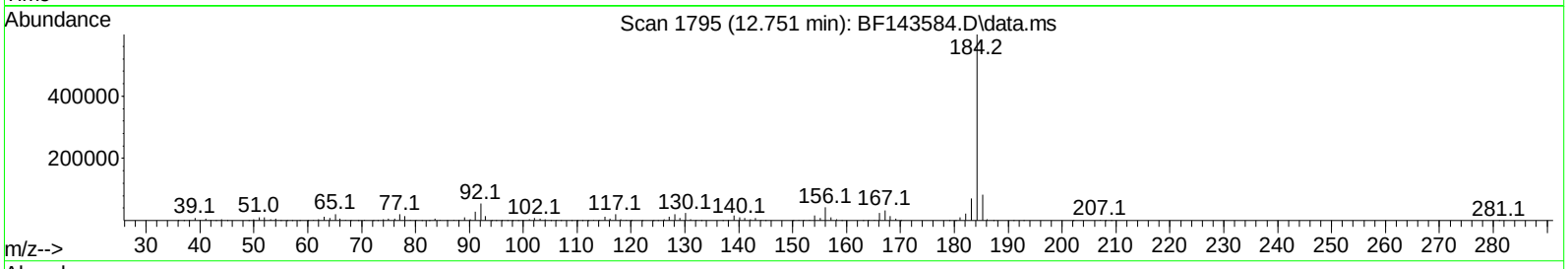
Sample Results: **BF143584.D**

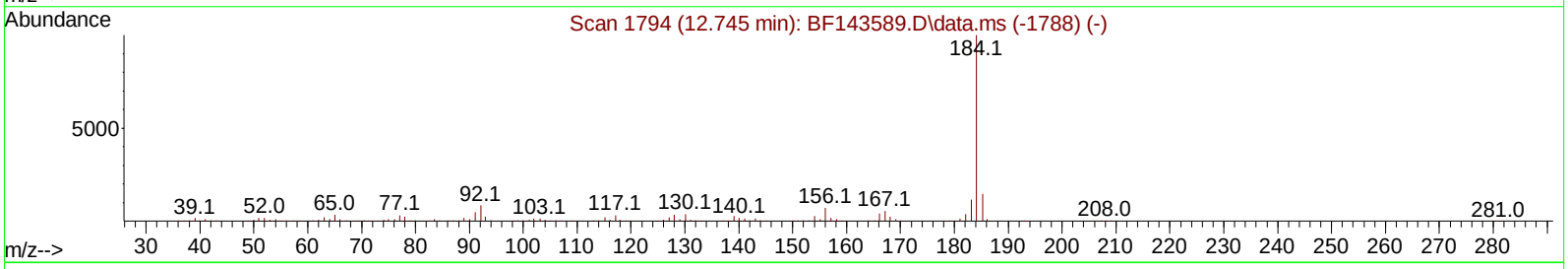
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143584.D
Acq On : 26 Aug 2025 08:36
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 26 16:49:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration







TIC: BF143584.D\data.ms

(77) Benzidine

12.751min (+ 0.006) 32424.16 ng

response 824131

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.70	14.06
183.00	11.40	11.84
0.00	0.00	0.00

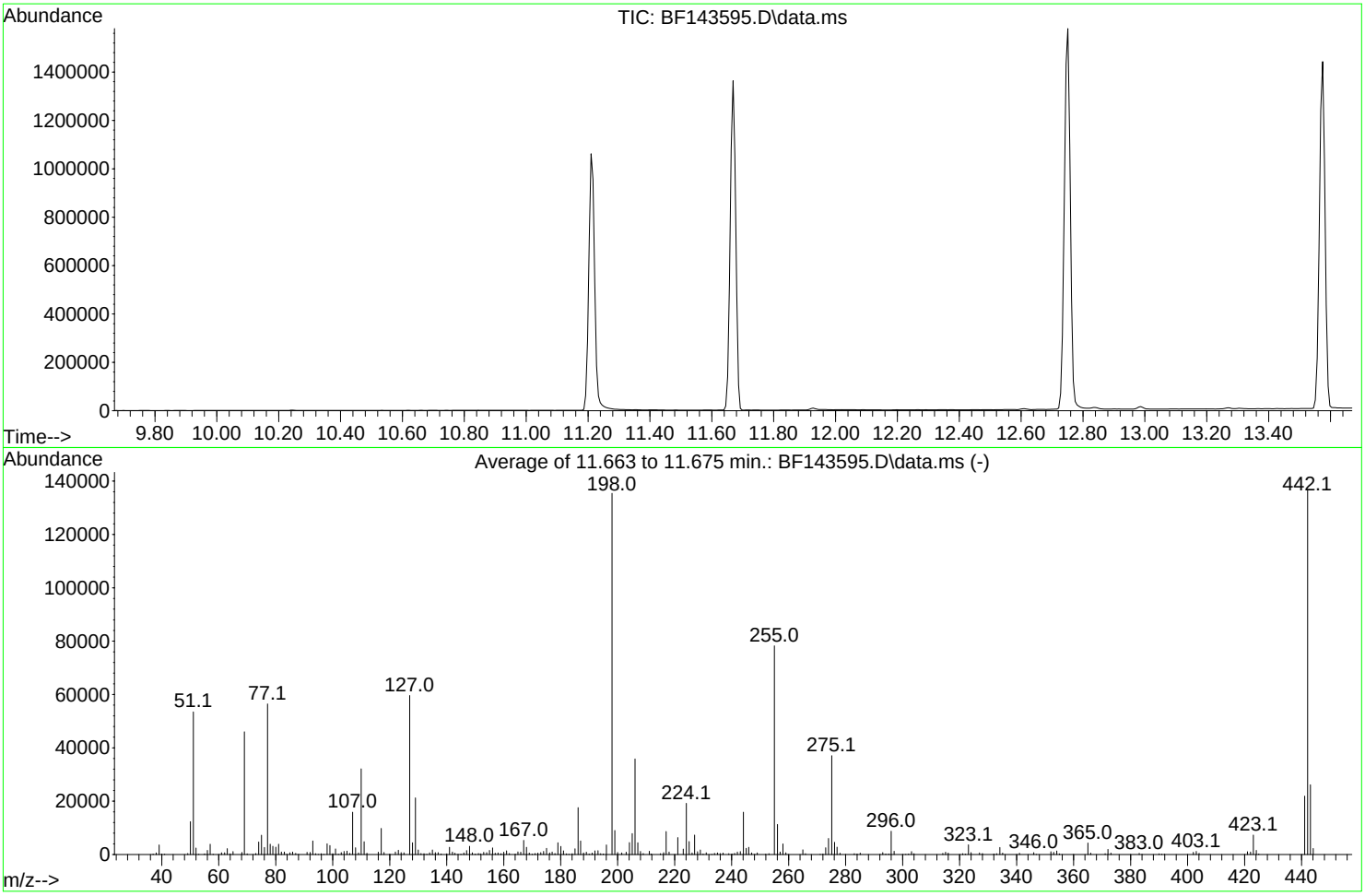
Sample Results: **BF143595.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143595.D
Acq On : 27 Aug 2025 08:48
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Aug 26 16:30:52 2025



AutoFind: Scans 1610, 1611, 1612; Background Corrected with Scan 1603

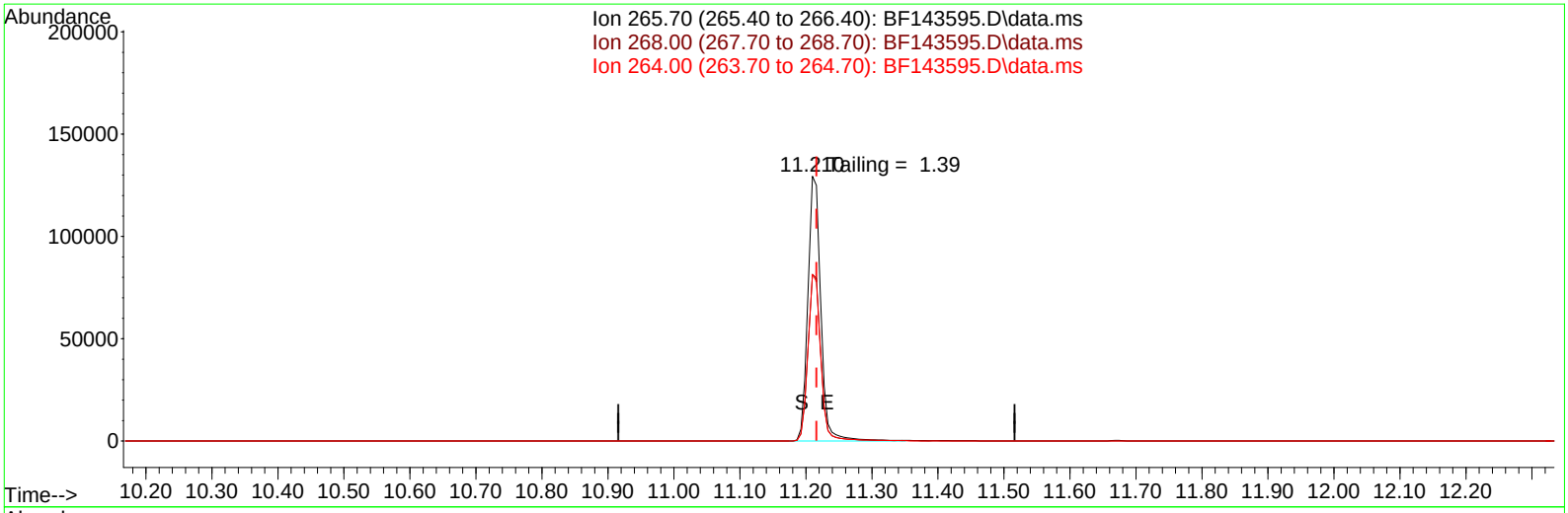
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	756	PASS
69	69	100	100	100.0	45984	PASS
70	69	0.00	2	0.6	286	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	135429	PASS
199	198	5	9	6.6	8998	PASS
365	198	1	100	3.2	4332	PASS
441	443	0.01	150	83.6	21883	PASS
442	442	100	100	100.0	136464	PASS
443	442	15	24	19.2	26173	PASS

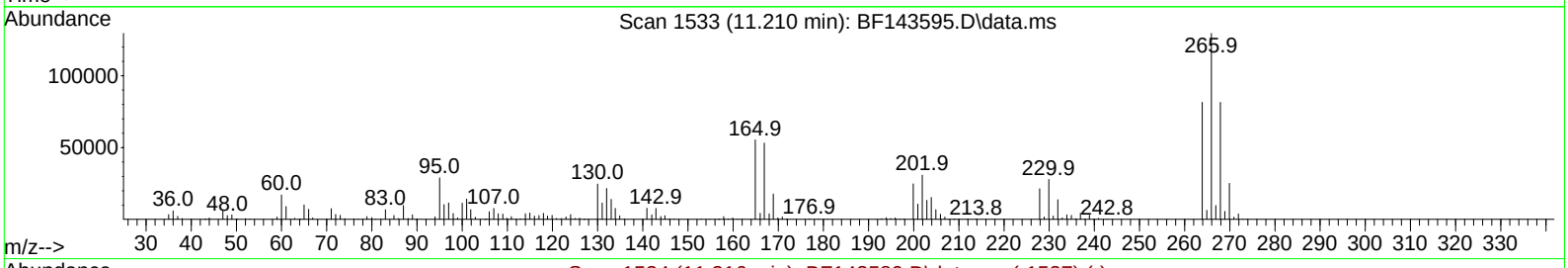
Sample Results: **BF143595.D**

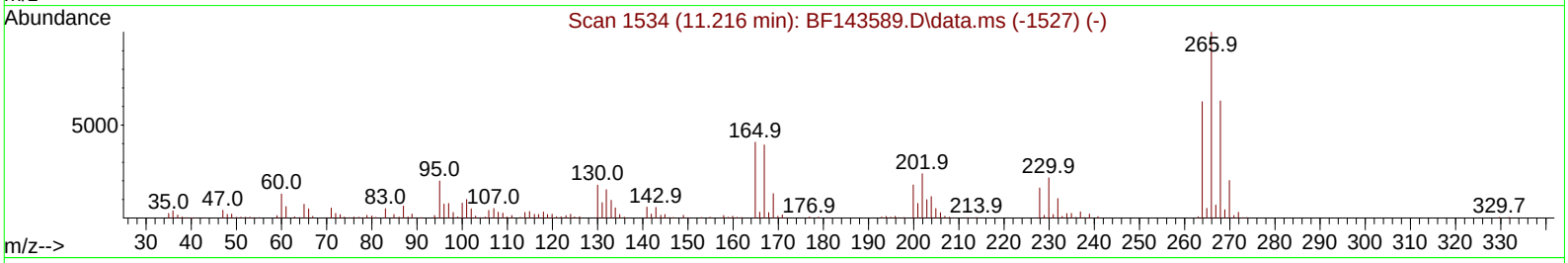
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143595.D
Acq On : 27 Aug 2025 08:48
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 27 11:27:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration







TIC: BF143595.D\data.ms

(70) Pentachlorophenol (C)

11.210min (-0.006) 54326.76 ng

response 177044

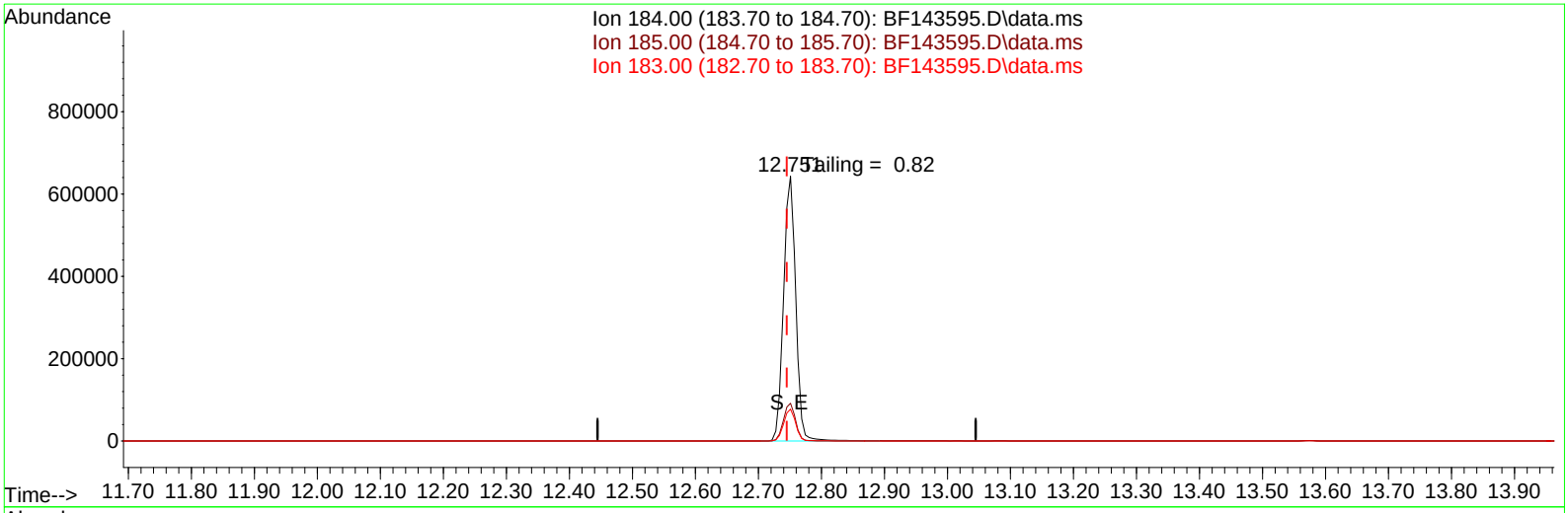
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.00	62.96
264.00	62.60	62.92
0.00	0.00	0.00

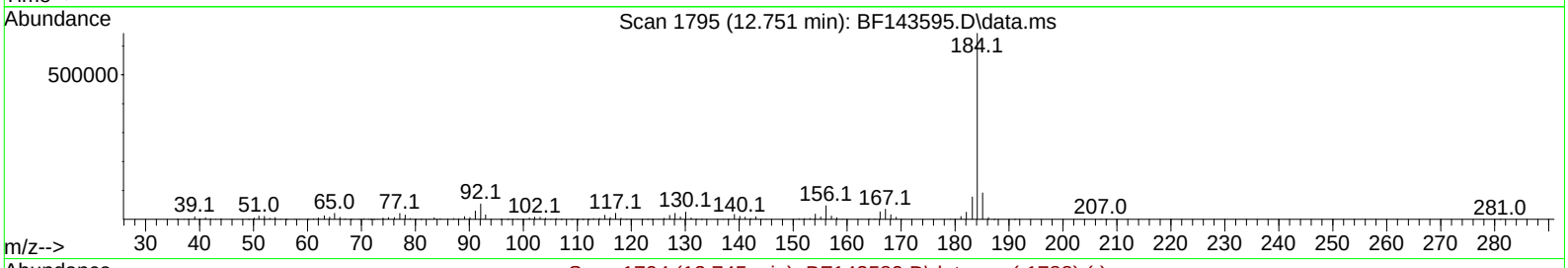
Sample Results: **BF143595.D**

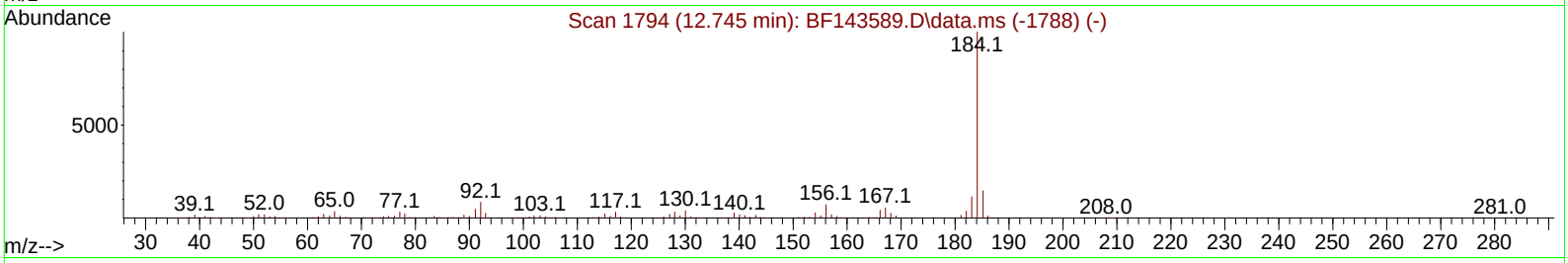
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143595.D
Acq On : 27 Aug 2025 08:48
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 27 11:27:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration







TIC: BF143595.D\data.ms

(77) Benzidine

12.751min (+ 0.006) 57519.20 ng

response 866062

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.70	14.27
183.00	11.40	12.04
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/27/2025	BNA_F	BF143595.D
Compound Name	**Response**	**Retention Time**
DDT	347516	13.574
DDD	2772	13.269
DDE	0	12.974
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
2772	350288	0.79

Instrument :
BNA_F
ClientSampleId :
DFTPP

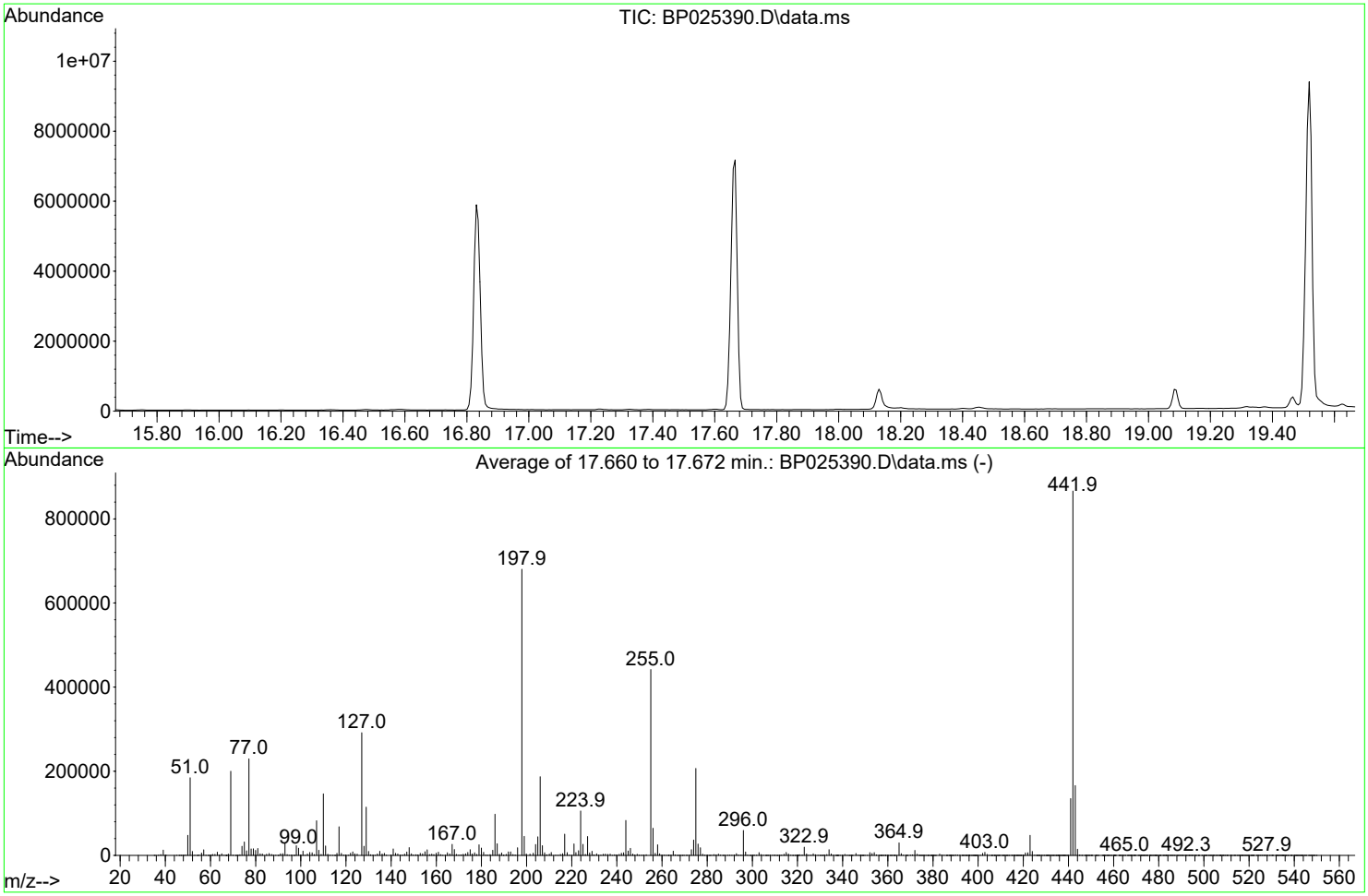
Sample Results: **BP025390.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025390.D
Acq On : 14 Aug 2025 10:30
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 14 18:14:31 2025



AutoFind: Scans 2503, 2504, 2505; Background Corrected with Scan 2494

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	3290	PASS
69	69	100	100	100.0	199967	PASS
70	69	0.00	2	0.4	716	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	680138	PASS
199	198	5	9	6.7	45247	PASS
365	198	1	100	4.4	29981	PASS
441	443	0.01	150	81.3	135091	PASS
442	442	100	100	100.0	866023	PASS
443	442	15	24	19.2	166133	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/14/2025	BNA_P	BP025390.D
Compound Name	**Response**	**Retention Time**
DDT	2976098	20.818
DDD	52170	20.407
DDE	9165	19.824
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
61335	3037433	2.02

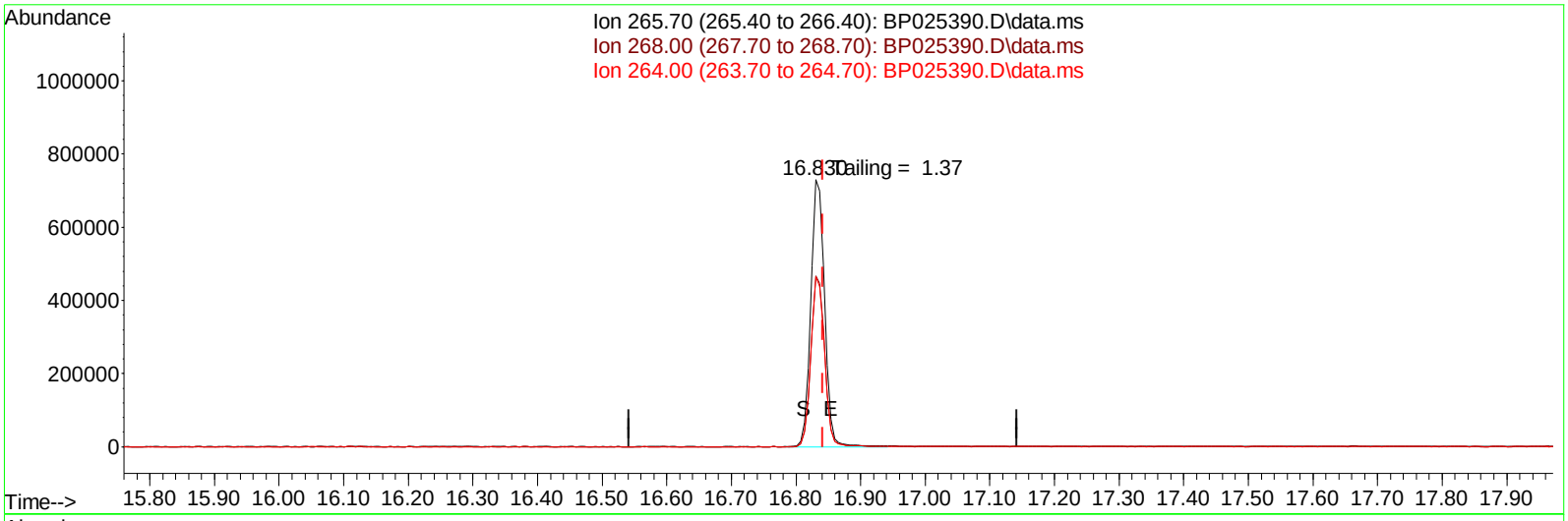
Instrument :
BNA_P
ClientSampleId :
DFTPP

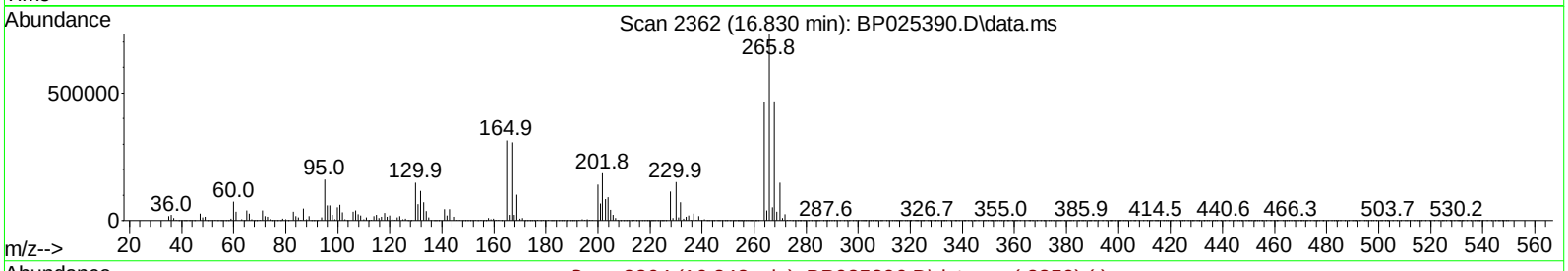
Sample Results: **BP025390.D**

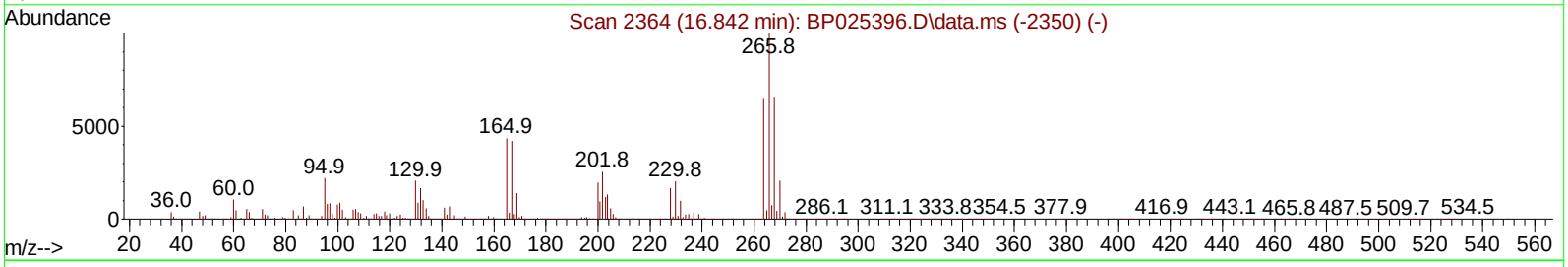
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025390.D
Acq On : 14 Aug 2025 10:30
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

(70) Pentachlorophenol (C)

16.830min (-0.012) 61985.64 ng

response 1096483

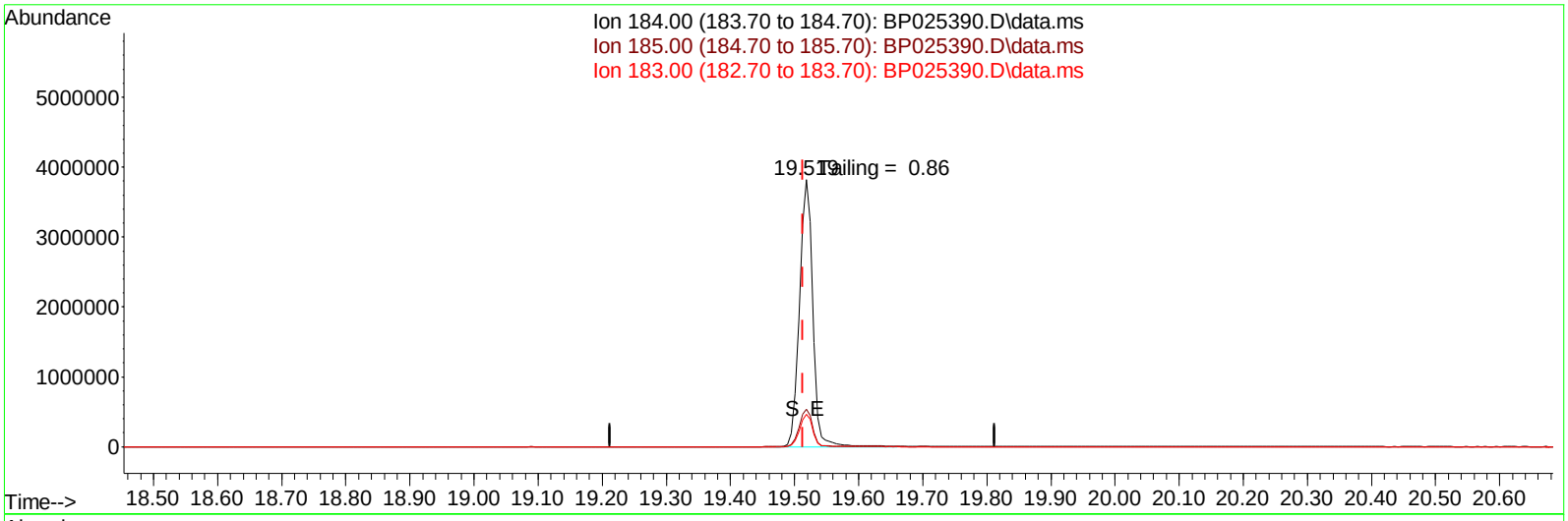
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	64.04
264.00	65.00	63.79
0.00	0.00	0.00

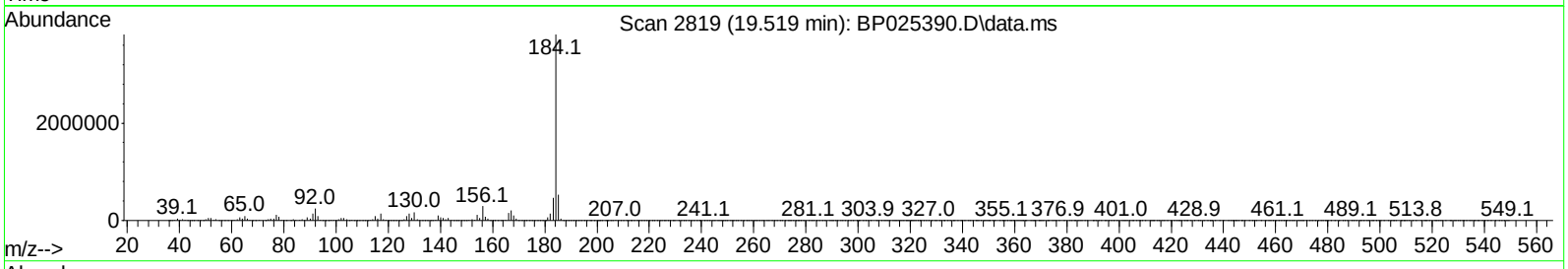
Sample Results: **BP025390.D**

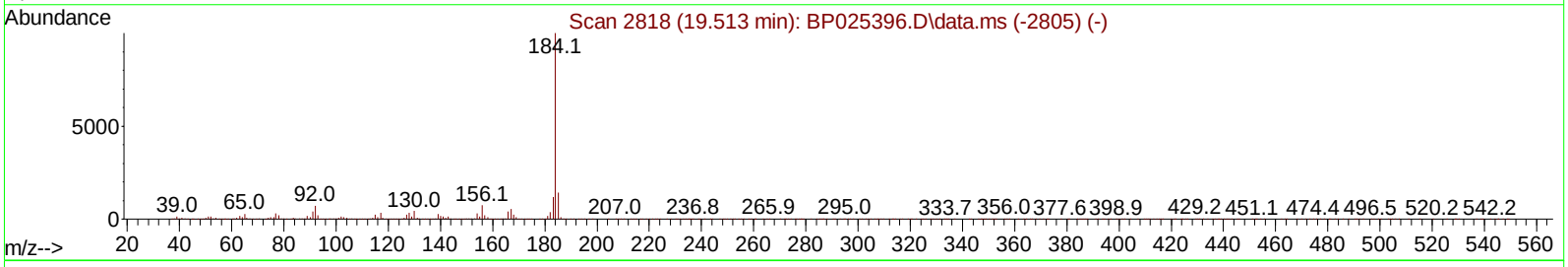
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025390.D
Acq On : 14 Aug 2025 10:30
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

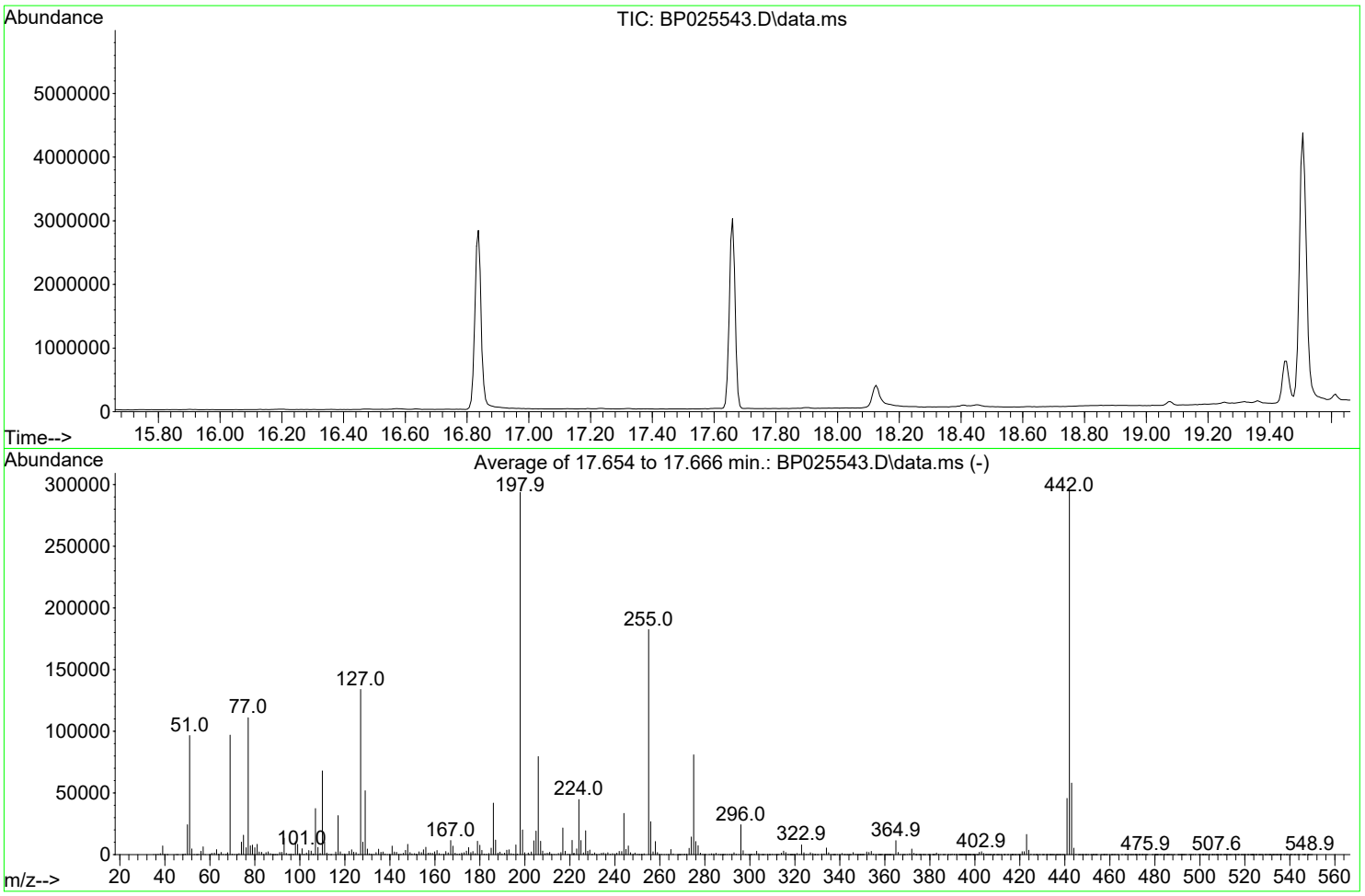
Sample Results: **BP025543.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025543.D
Acq On : 22 Aug 2025 10:08
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 2494

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	1519	PASS
69	69	100	100	100.0	96945	PASS
70	69	0.00	2	0.4	396	PASS
197	198	0.00	2	0.2	468	PASS
198	198	100	100	100.0	293657	PASS
199	198	5	9	6.8	20111	PASS
365	198	1	100	3.8	11295	PASS
441	443	0.01	150	78.6	45599	PASS
442	442	100	100	100.0	294439	PASS
443	442	15	24	19.7	58043	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/22/2025	BNA_P	BP025543.D
Compound Name	**Response**	**Retention Time**
DDT	1433027	20.801
DDD	19562	20.348
DDE	2885	19.813
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
22447	1455474	1.54

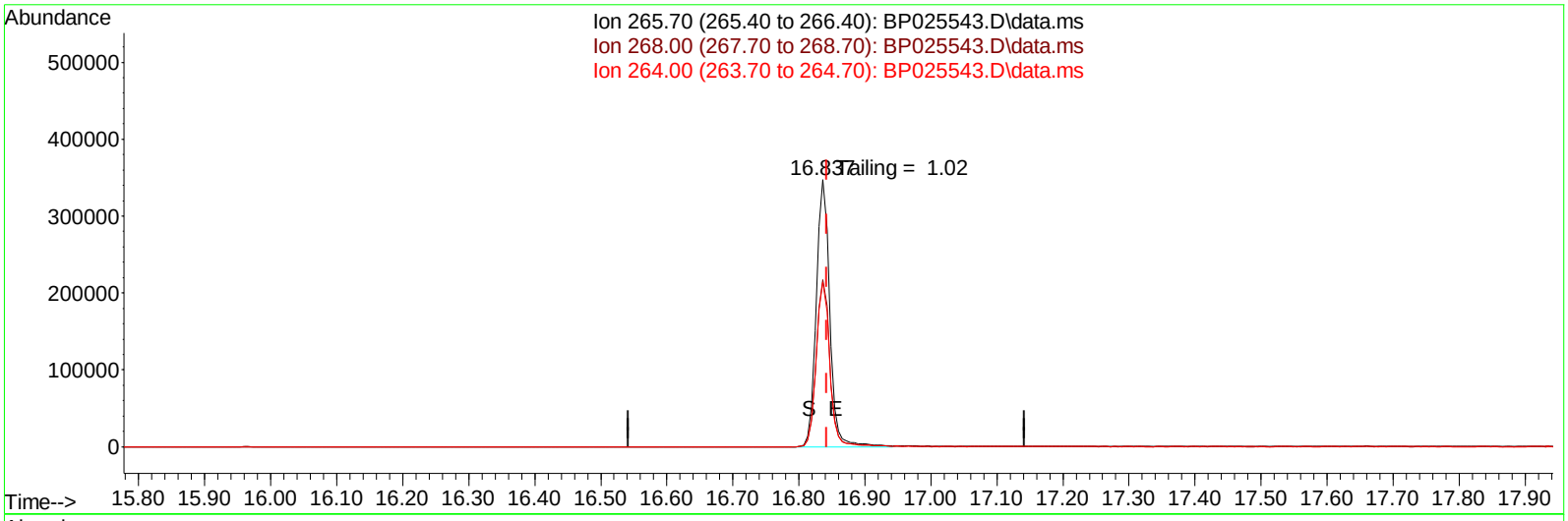
Instrument :
BNA_P
ClientSampleId :
DFTPP

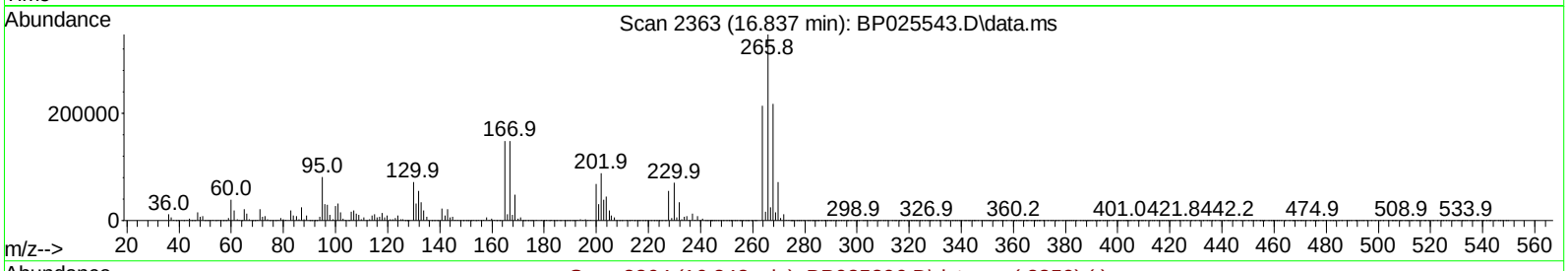
Sample Results: **BP025543.D**

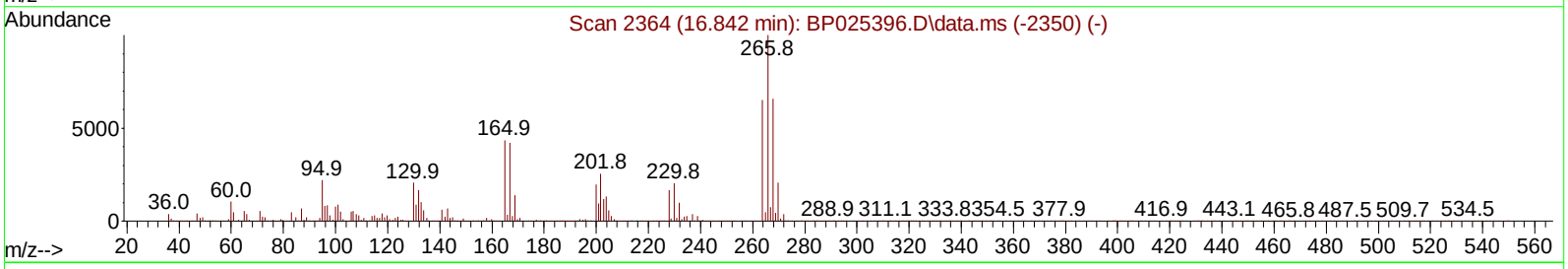
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025543.D
Acq On : 22 Aug 2025 10:08
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 22 10:56:13 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: BP025543.D\data.ms

(70) Pentachlorophenol (C)

16.837min (-0.006) 24379.55 ng

response 490511

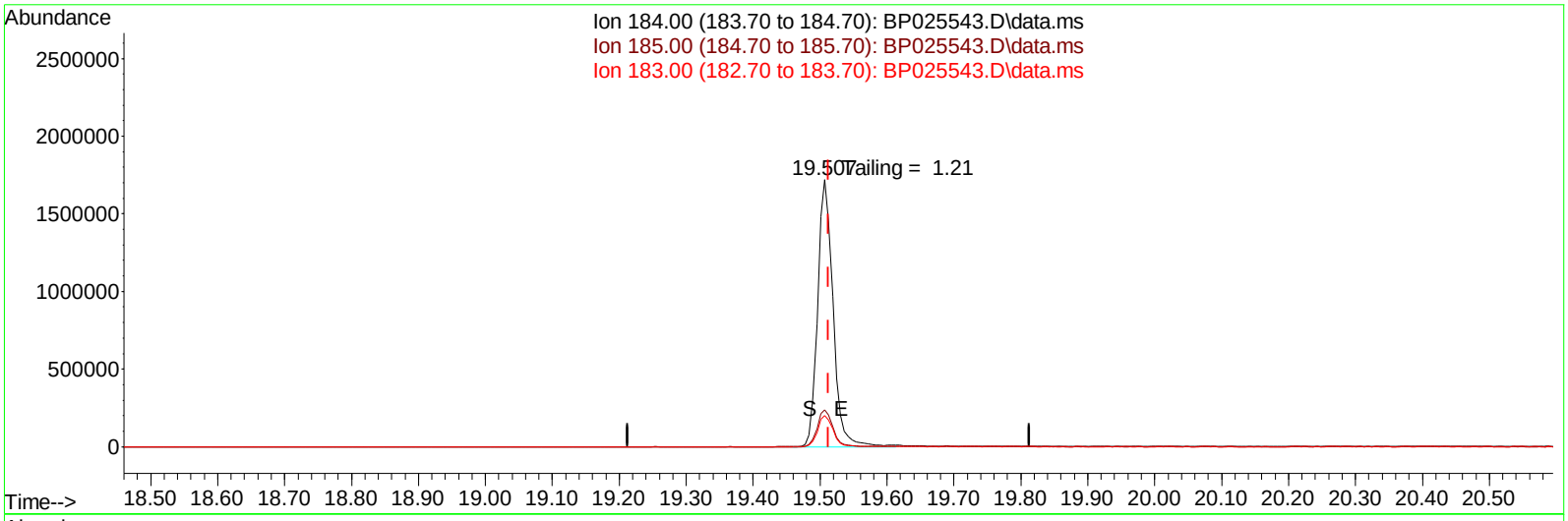
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	62.65
264.00	65.00	61.62
0.00	0.00	0.00

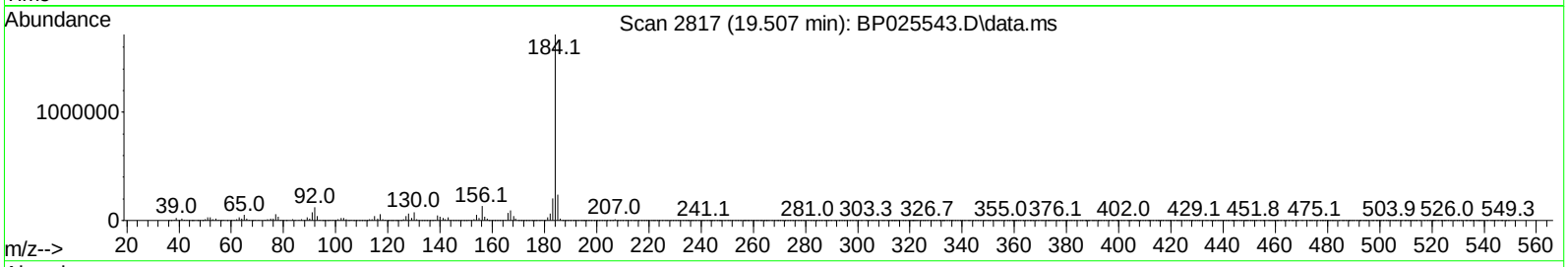
Sample Results: **BP025543.D**

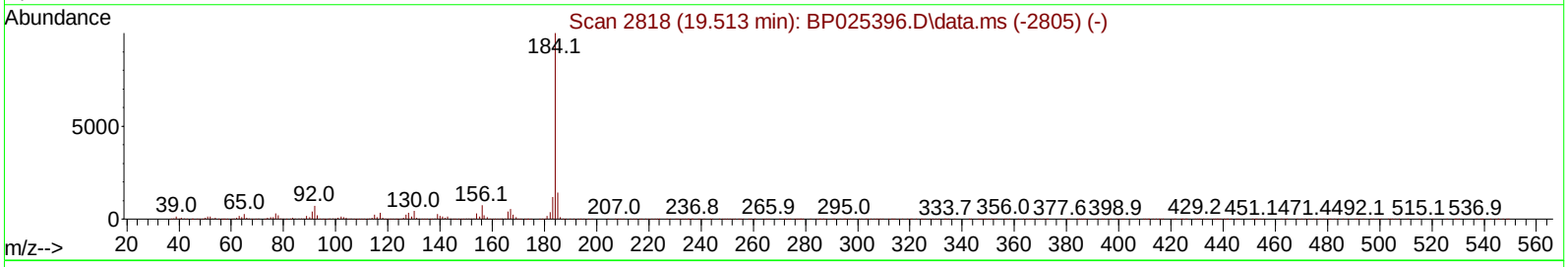
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025543.D
Acq On : 22 Aug 2025 10:08
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 22 10:56:13 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: BP025543.D\data.ms

(77) Benzidine

19.507min (-0.006) 16182.04 ng

response 2751355

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	13.92
183.00	11.80	11.76
0.00	0.00	0.00

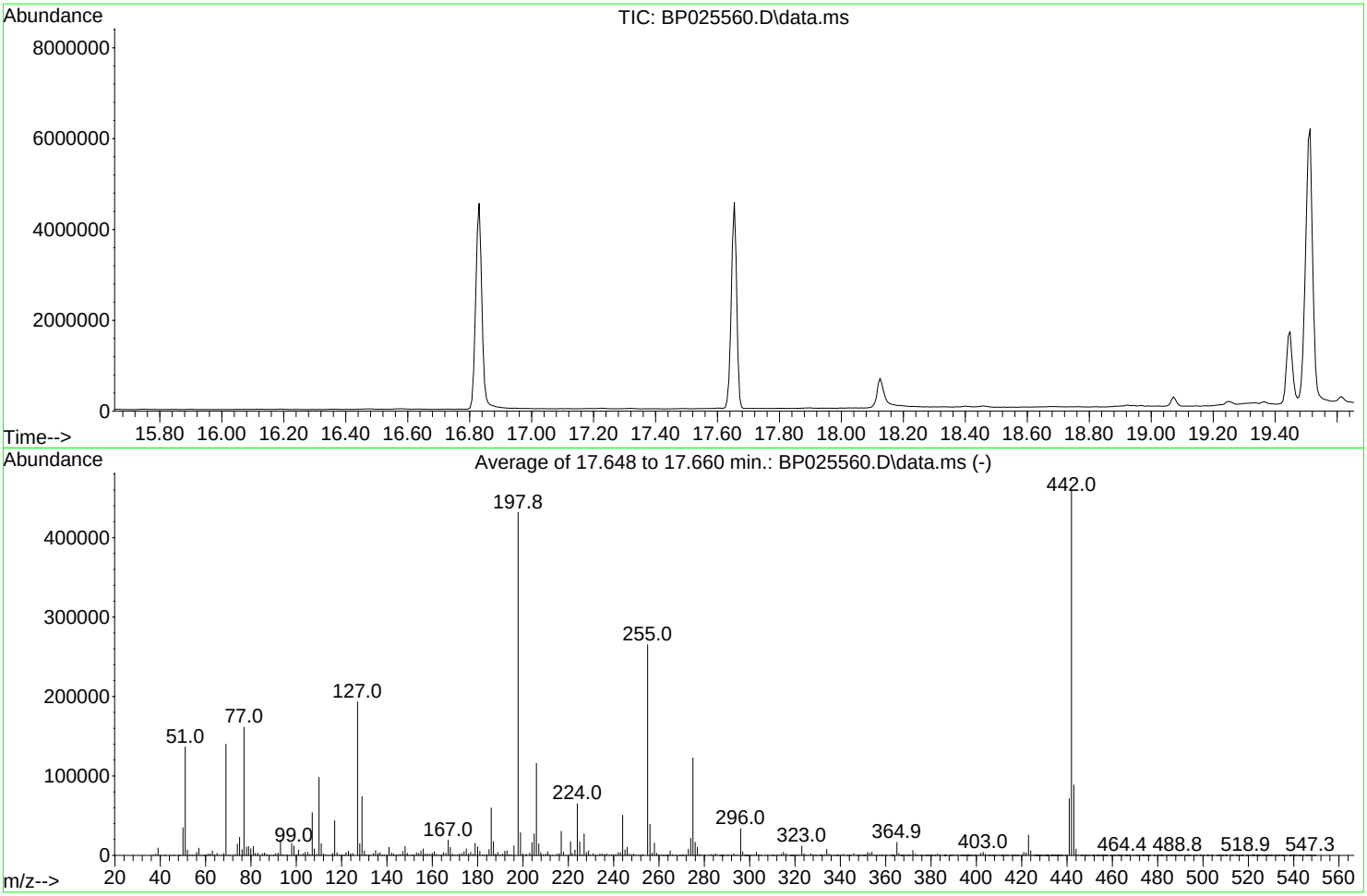
Sample Results: **BP025560.D**

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

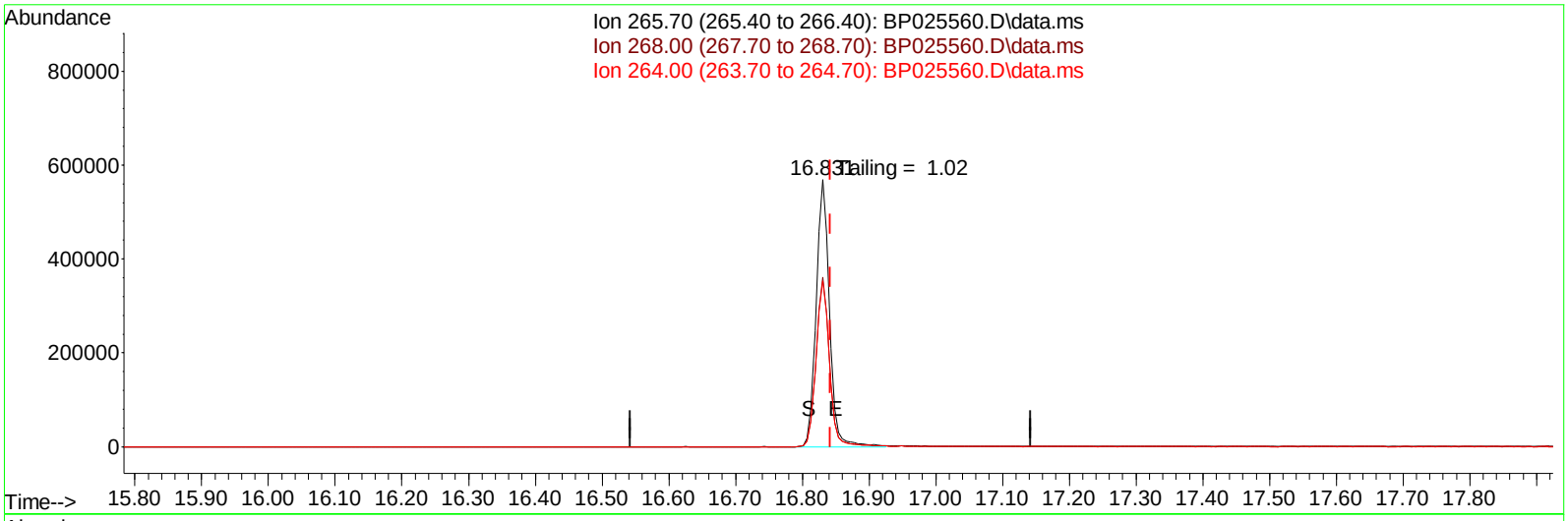
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.7	2382	PASS
69	69	100	100	100.0	139943	PASS
70	69	0.00	2	0.3	445	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	431644	PASS
199	198	5	9	6.6	28690	PASS
365	198	1	100	3.8	16344	PASS
441	443	0.01	150	80.8	71635	PASS
442	442	100	100	100.0	458603	PASS
443	442	15	24	19.3	88643	PASS

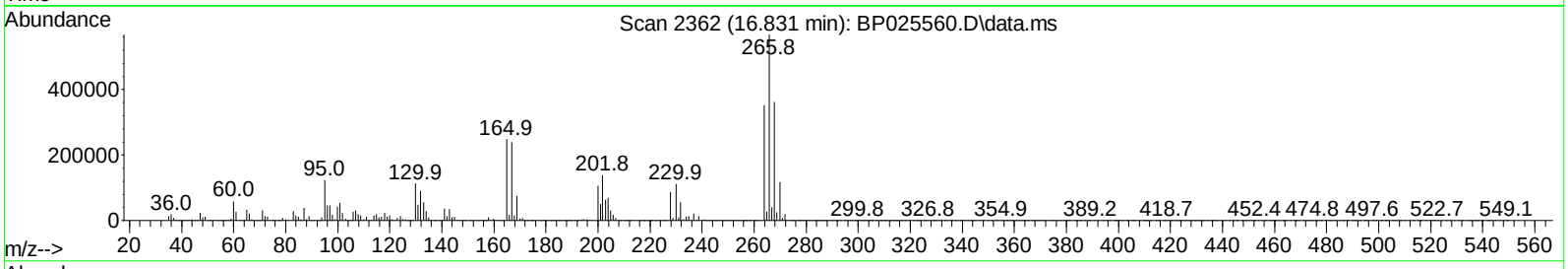
Sample Results: **BP025560.D**

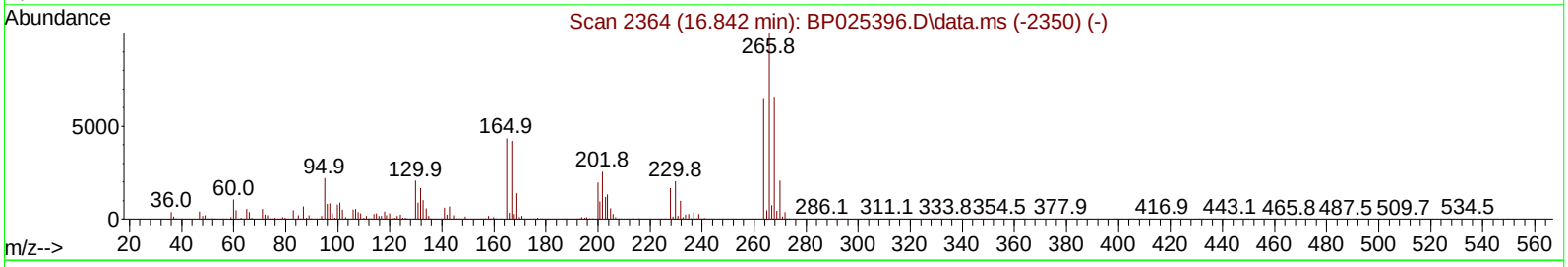
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025560.D
Acq On : 25 Aug 2025 10:24
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

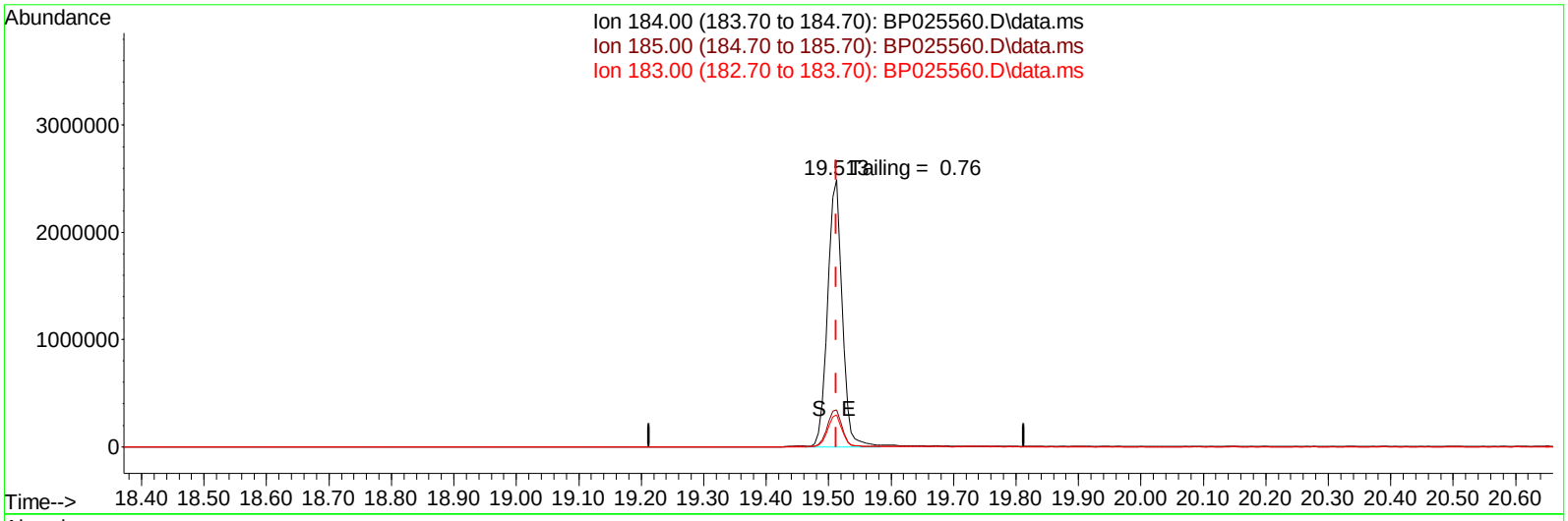
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	63.60
264.00	65.00	62.15
0.00	0.00	0.00

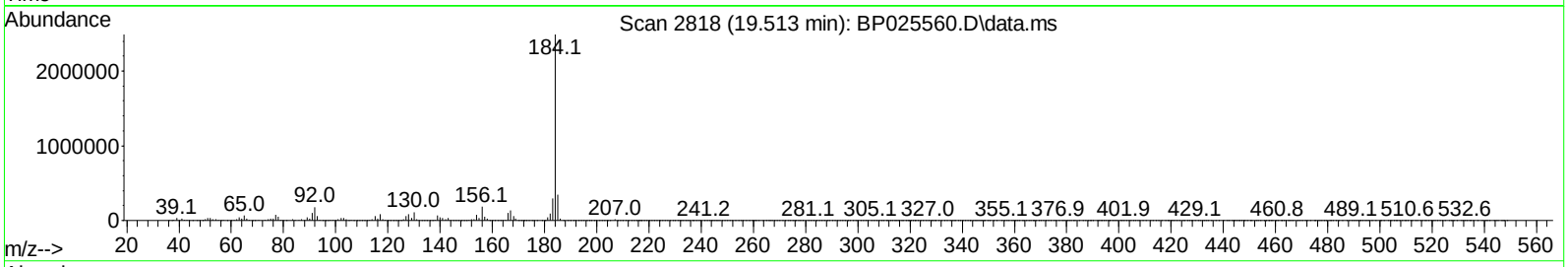
Sample Results: **BP025560.D**

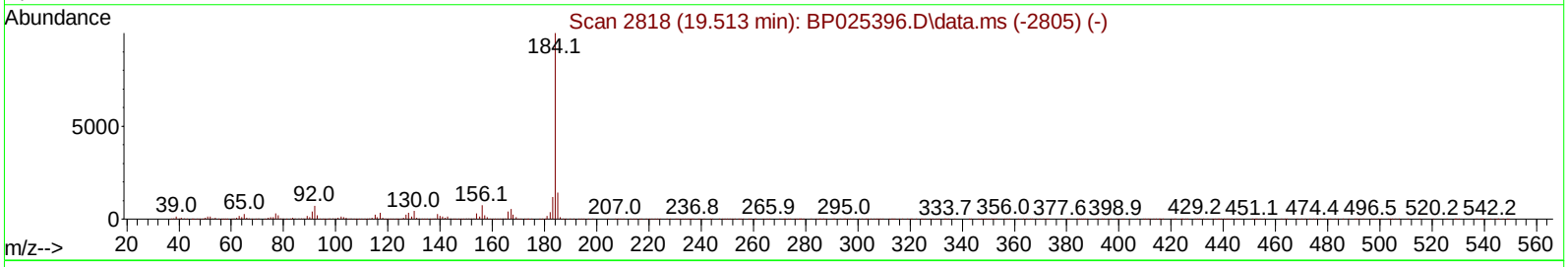
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025560.D
Acq On : 25 Aug 2025 10:24
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

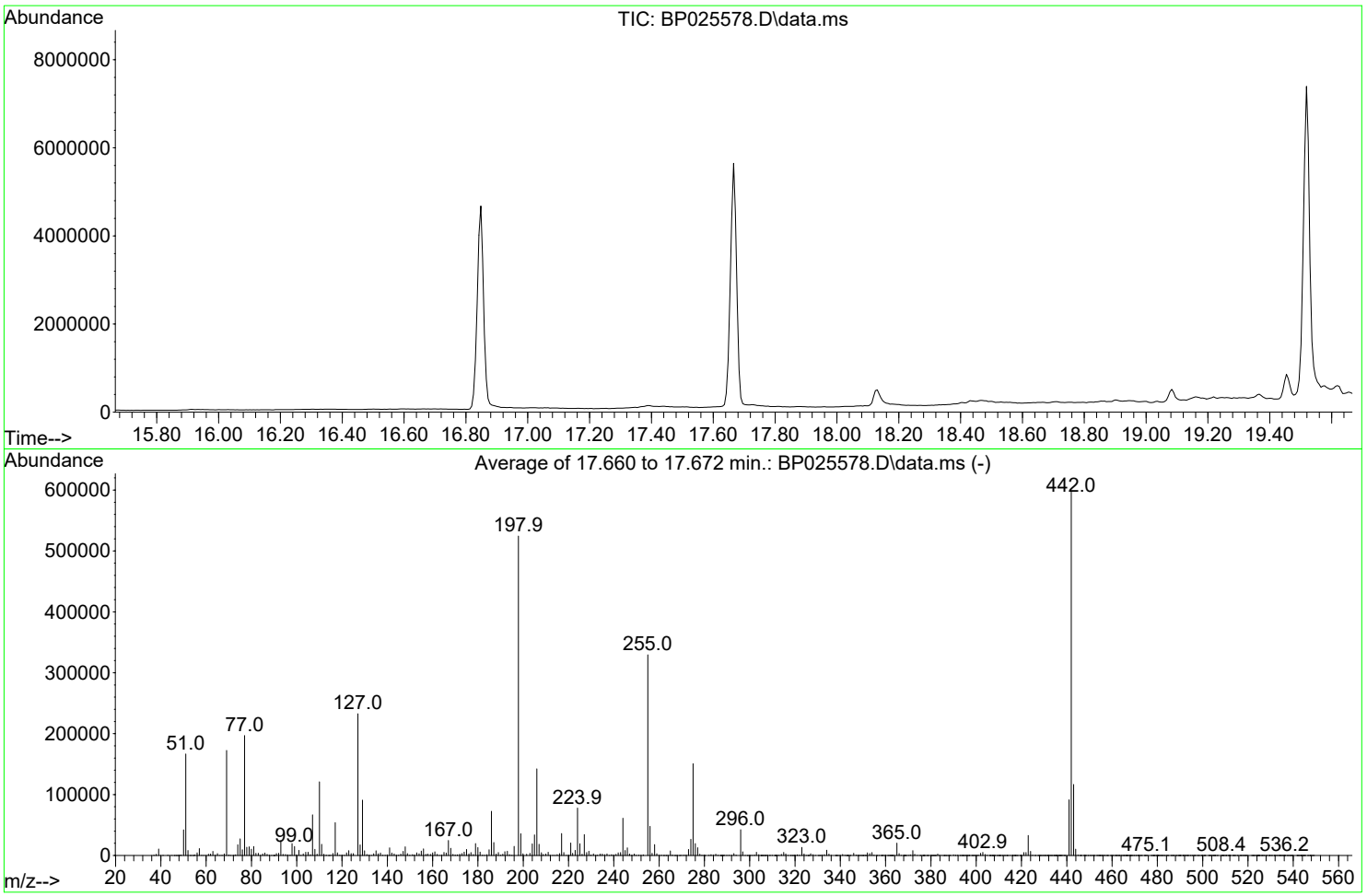
Sample Results: **BP025578.D**

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

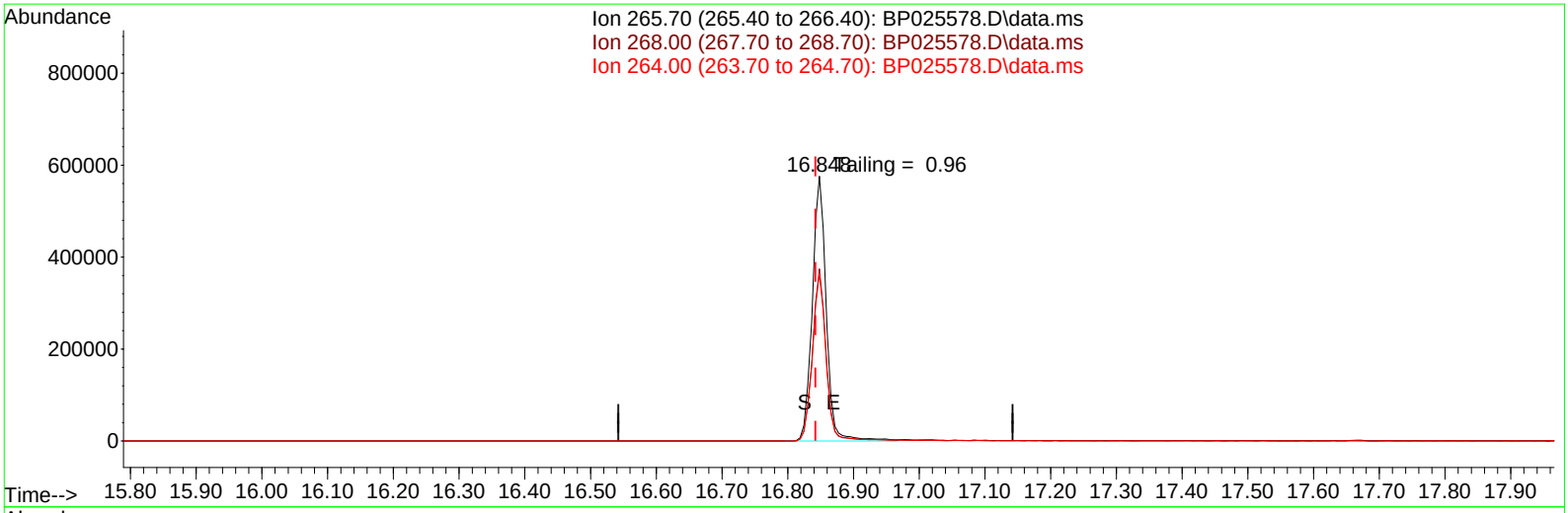
Instrument :
BNA_P
ClientSampleId :
DFTPP

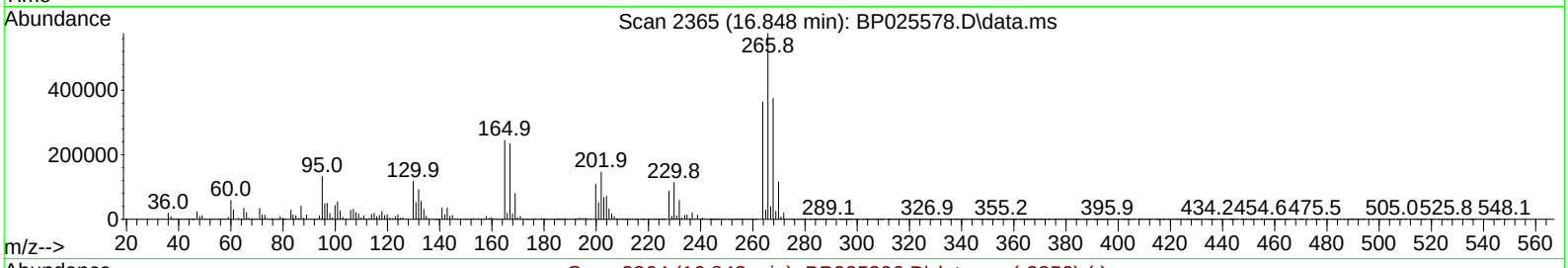
Sample Results: **BP025578.D**

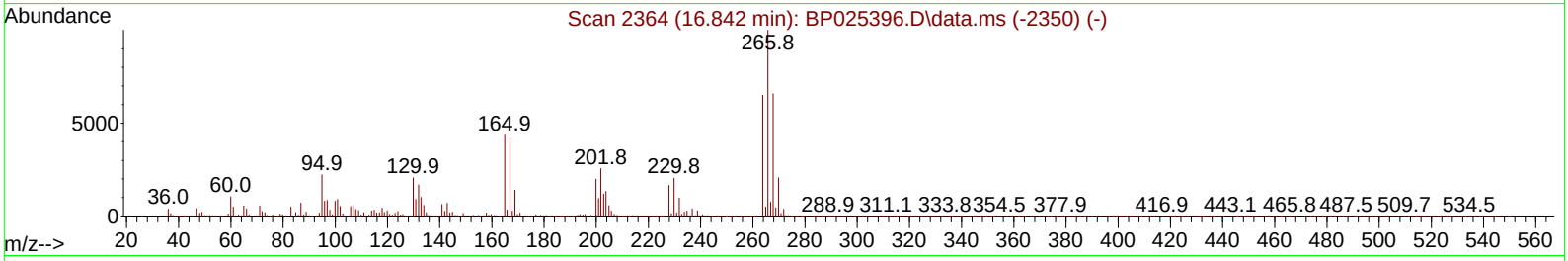
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025578.D
Acq On : 26 Aug 2025 08:59
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

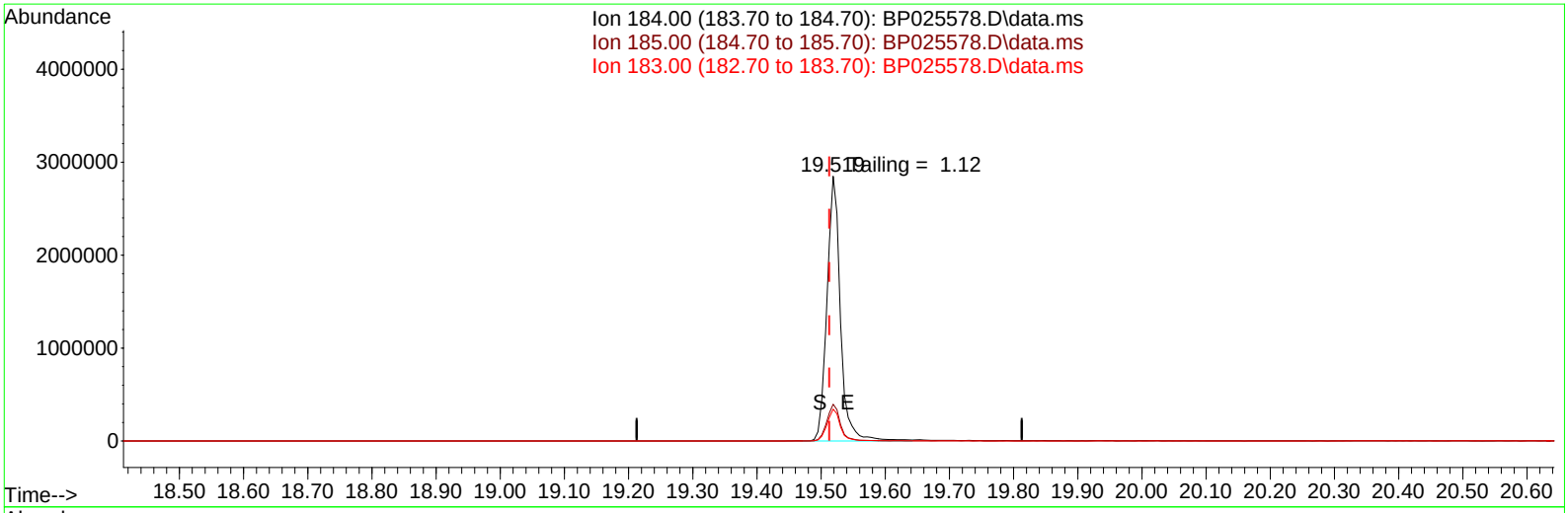
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	64.98
264.00	65.00	63.17
0.00	0.00	0.00

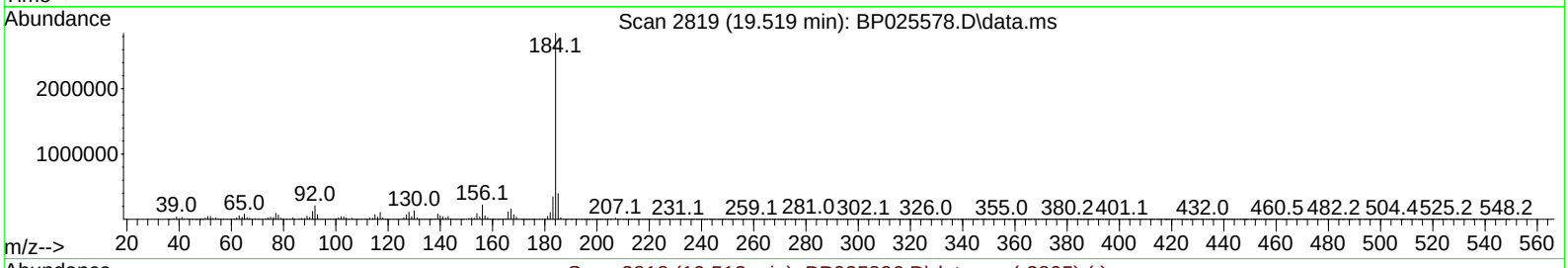
Sample Results: **BP025578.D**

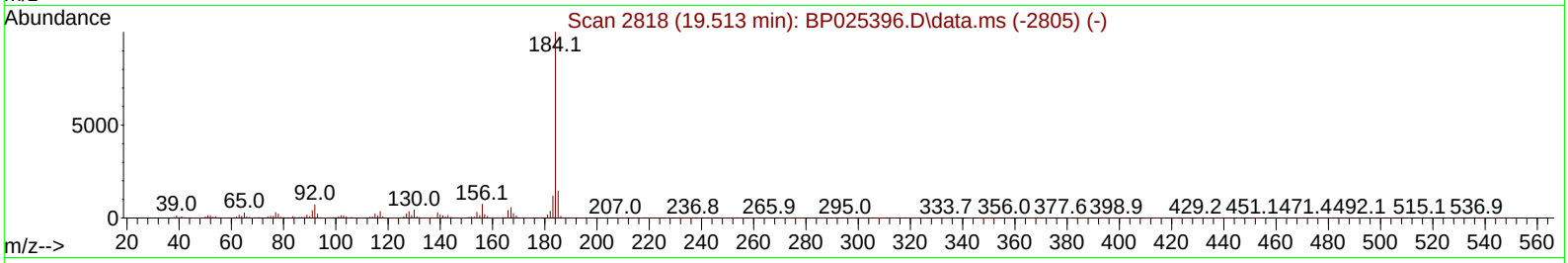
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025578.D
Acq On : 26 Aug 2025 08:59
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

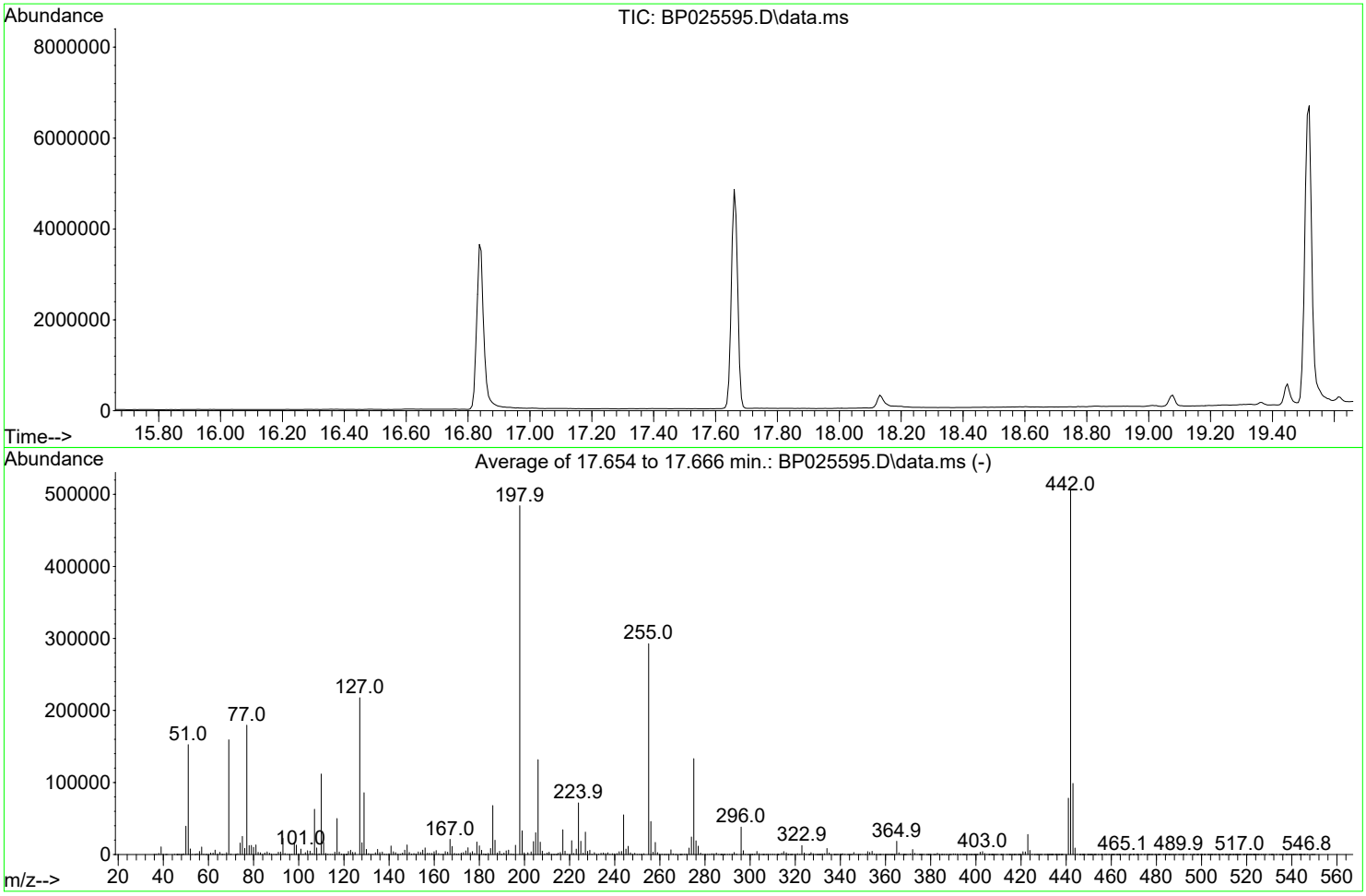
Sample Results: **BP025595.D**

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

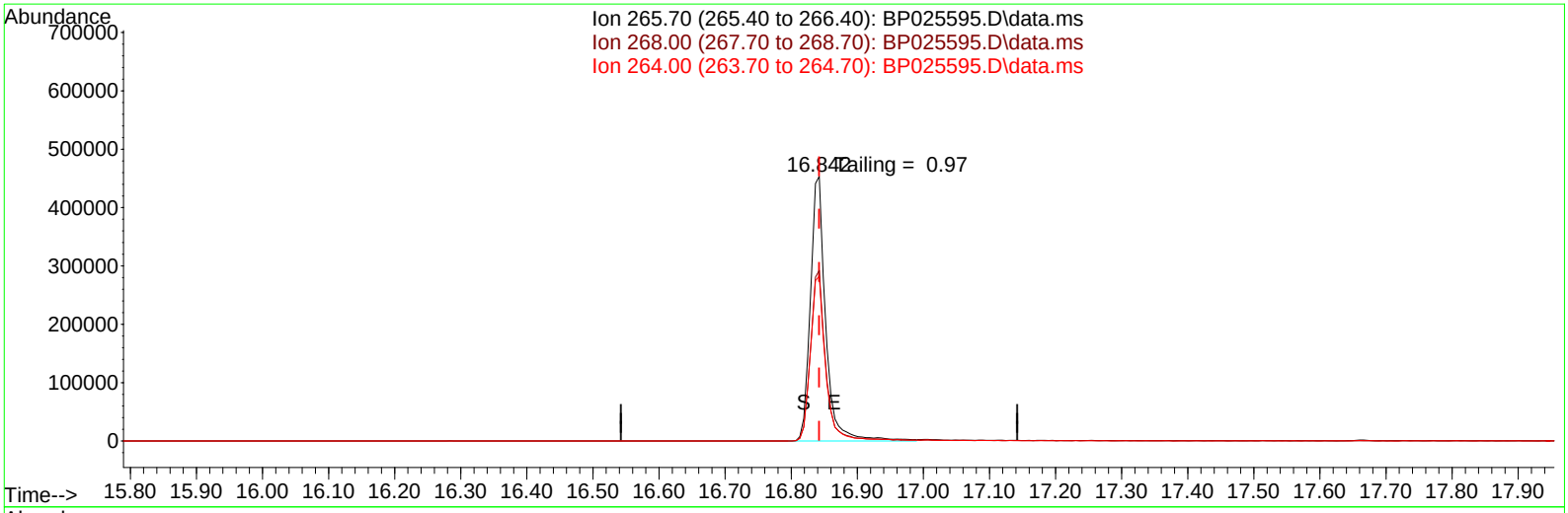
Instrument :
BNA_P
ClientSampleId :
DFTPP

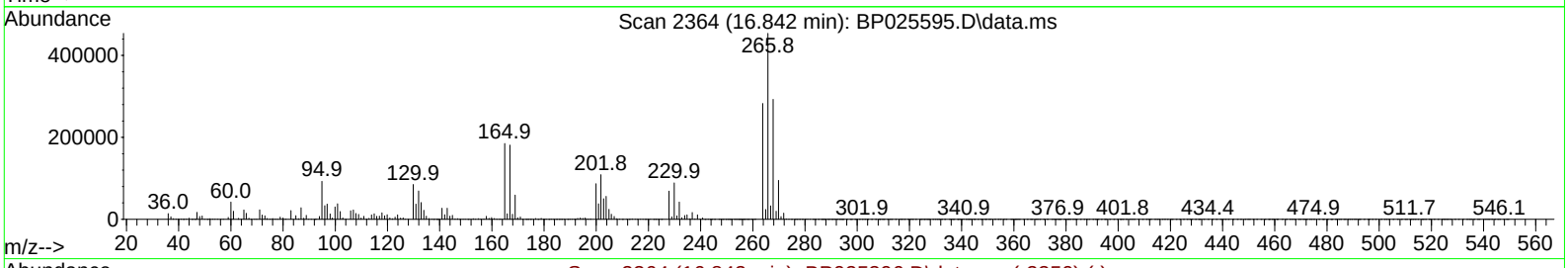
Sample Results: **BP025595.D**

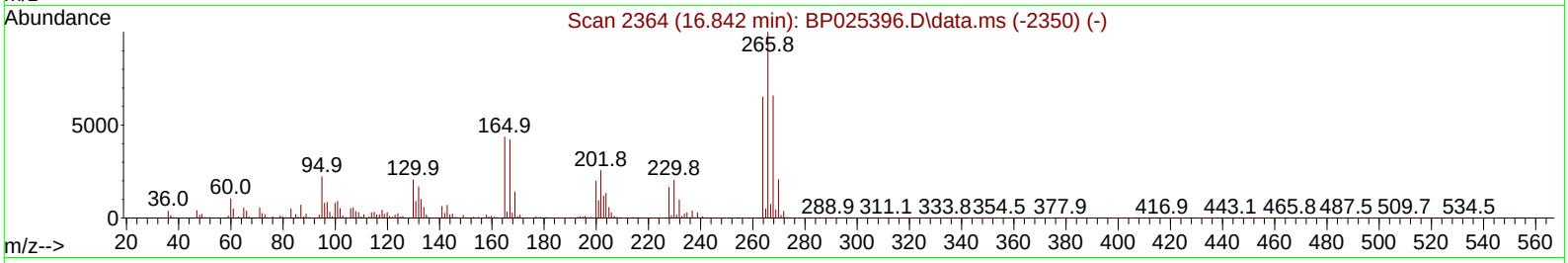
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025595.D
Acq On : 27 Aug 2025 08:58
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

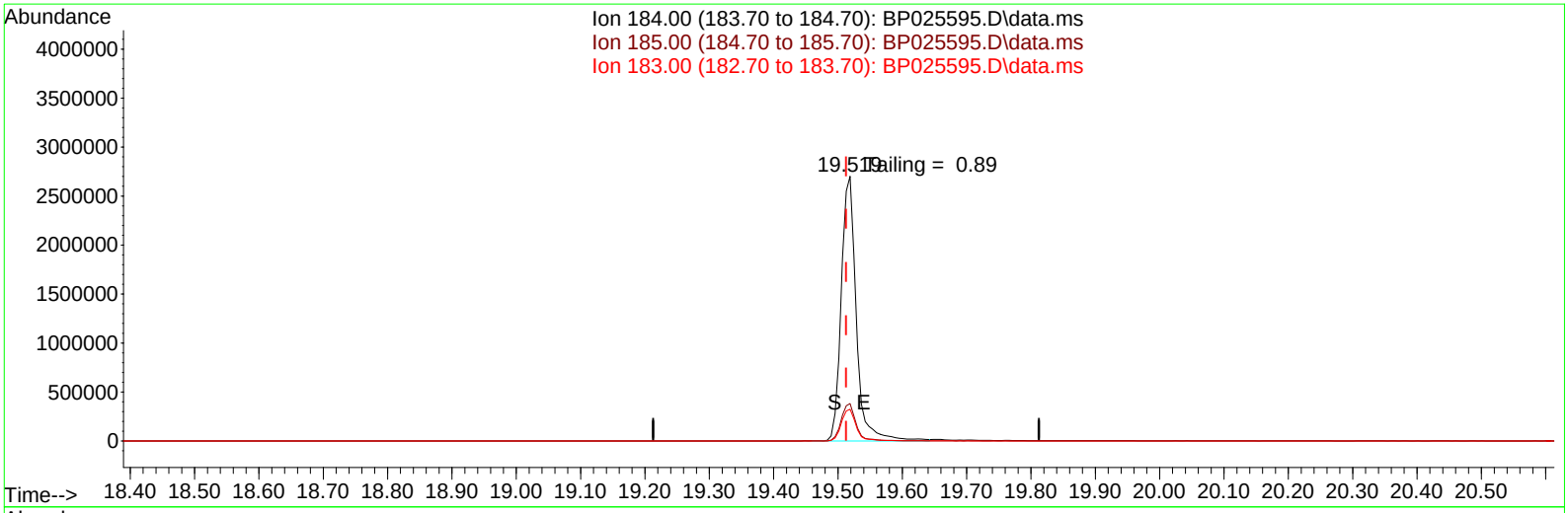
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	64.47
264.00	65.00	62.33
0.00	0.00	0.00

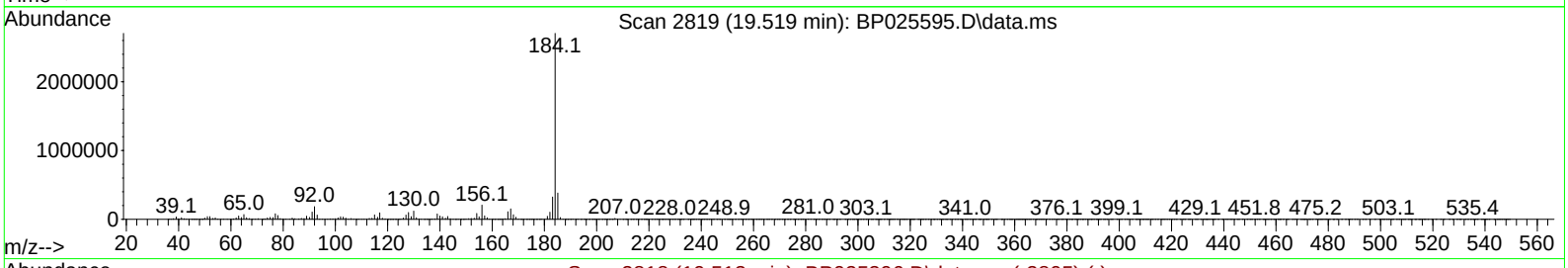
Sample Results: **BP025595.D**

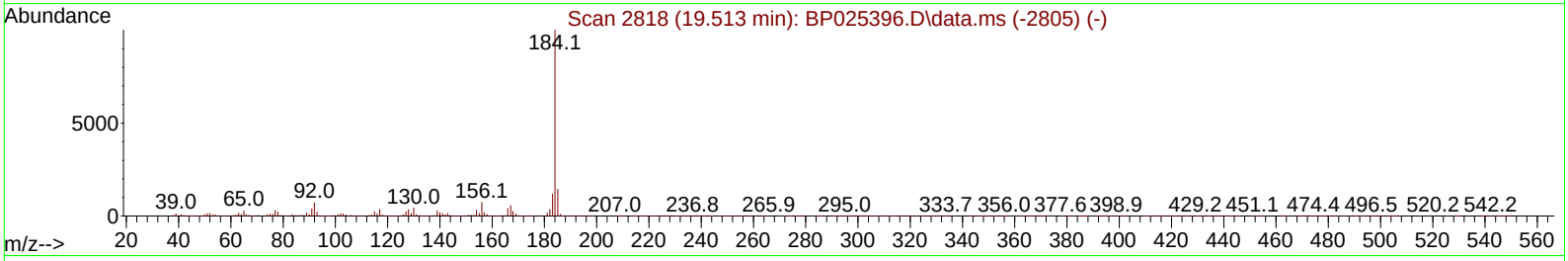
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025595.D
Acq On : 27 Aug 2025 08:58
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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: **BP025562.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169362BL	SDG No.:	Q2924
Lab Sample ID:	PB169362BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025562.D	1	08/22/25 10:34	08/25/25 12:54	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.0	U	3.90	10.0	ug/L
108-95-2	Phenol	5.00	U	0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.00	U	0.81	5.00	ug/L
95-57-8	2-Chlorophenol	5.00	U	0.58	5.00	ug/L
95-48-7	2-Methylphenol	5.00	U	1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.00	U	1.30	5.00	ug/L
98-86-2	Acetophenone	5.00	U	0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	10.0	U	1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	5.00	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	5.00	U	0.76	5.00	ug/L
78-59-1	Isophorone	5.00	U	0.75	5.00	ug/L
88-75-5	2-Nitrophenol	5.00	U	1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	5.00	U	1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.00	U	0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	5.00	U	0.52	5.00	ug/L
91-20-3	Naphthalene	5.00	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	5.00	U	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	5.00	U	0.54	5.00	ug/L
105-60-2	Caprolactam	10.0	U	1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	5.00	U	0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	5.00	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	10.0	U	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.00	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	5.00	U	0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	5.00	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	5.00	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	5.00	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	5.00	U	0.61	5.00	ug/L

Raw Data: **BP025562.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169362BL	SDG No.:	Q2924
Lab Sample ID:	PB169362BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025562.D	1	08/22/25 10:34	08/25/25 12:54	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.00	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	5.00	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	5.00	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	5.00	U	0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	10.0	U	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	10.0	U	2.40	10.0	ug/L
132-64-9	Dibenzofuran	5.00	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	5.00	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	5.00	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.00	U	0.68	5.00	ug/L
86-73-7	Fluorene	5.00	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	5.00	U	1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.0	U	2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	5.00	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	5.00	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	5.00	U	0.52	5.00	ug/L
1912-24-9	Atrazine	5.00	U	1.00	5.00	ug/L
87-86-5	Pentachlorophenol	10.0	U	1.60	10.0	ug/L
85-01-8	Phenanthrene	5.00	U	0.50	5.00	ug/L
120-12-7	Anthracene	5.00	U	0.61	5.00	ug/L
86-74-8	Carbazole	5.00	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	5.00	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	5.00	U	0.82	5.00	ug/L
129-00-0	Pyrene	5.00	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	5.00	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	10.0	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	5.00	U	0.45	5.00	ug/L
218-01-9	Chrysene	5.00	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.00	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	10.0	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	5.00	U	0.49	5.00	ug/L

Raw Data: **BP025562.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169362BL	SDG No.:	Q2924
Lab Sample ID:	PB169362BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025562.D	1	08/22/25 10:34	08/25/25 12:54	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.00	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	5.00	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.00	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.00	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	5.00	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.00	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	5.00	U	1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.00	U	0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	125		23 - 138	83%	SPK: 150
13127-88-3	Phenol-d6	120		10 - 134	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.8		67 - 132	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.3		52 - 132	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	123		44 - 137	82%	SPK: 150
1718-51-0	Terphenyl-d14	70.1		42 - 152	70%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	173000	7.778			
1146-65-2	Naphthalene-d8	666000	10.543			
15067-26-2	Acenaphthene-d10	425000	14.389			
1517-22-2	Phenanthrene-d10	891000	17.189			
1719-03-5	Chrysene-d12	1140000	21.63			
1520-96-3	Perylene-d12	1290000	25.001			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.70	A		4.94	ug/L

Raw Data: **BP025562.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	AECOM			Date Collected:	
Project:	National Grid Equity - Brooklyn NY			Date Received:	
Client Sample ID:	PB169362BL			SDG No.:	Q2924
Lab Sample ID:	PB169362BL			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025562.D	1	08/22/25 10:34	08/25/25 12:54	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025562.D
Acq On : 25 Aug 2025 12:54
Operator : CG/JU
Sample : PB169362BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Quant Time: Aug 25 13:15:55 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	7.778	152	173347	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	665603	20.000	ng	-0.02
39) Acenaphthene-d10	14.389	164	424932	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	890876	20.000	ng	#-0.01
76) Chrysene-d12	21.630	240	1139399	20.000	ng	-0.02
86) Perylene-d12	25.001	264	1287992	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	1305735	125.092	ng	0.00
7) Phenol-d6	6.960	99	1606270	120.026	ng	0.00
23) Nitrobenzene-d5	8.919	82	997167	75.784	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	703438	122.987	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	2279423	73.312	ng	-0.02
79) Terphenyl-d14	19.907	244	4365584	70.100	ng	-0.01
Target Compounds						Qvalue

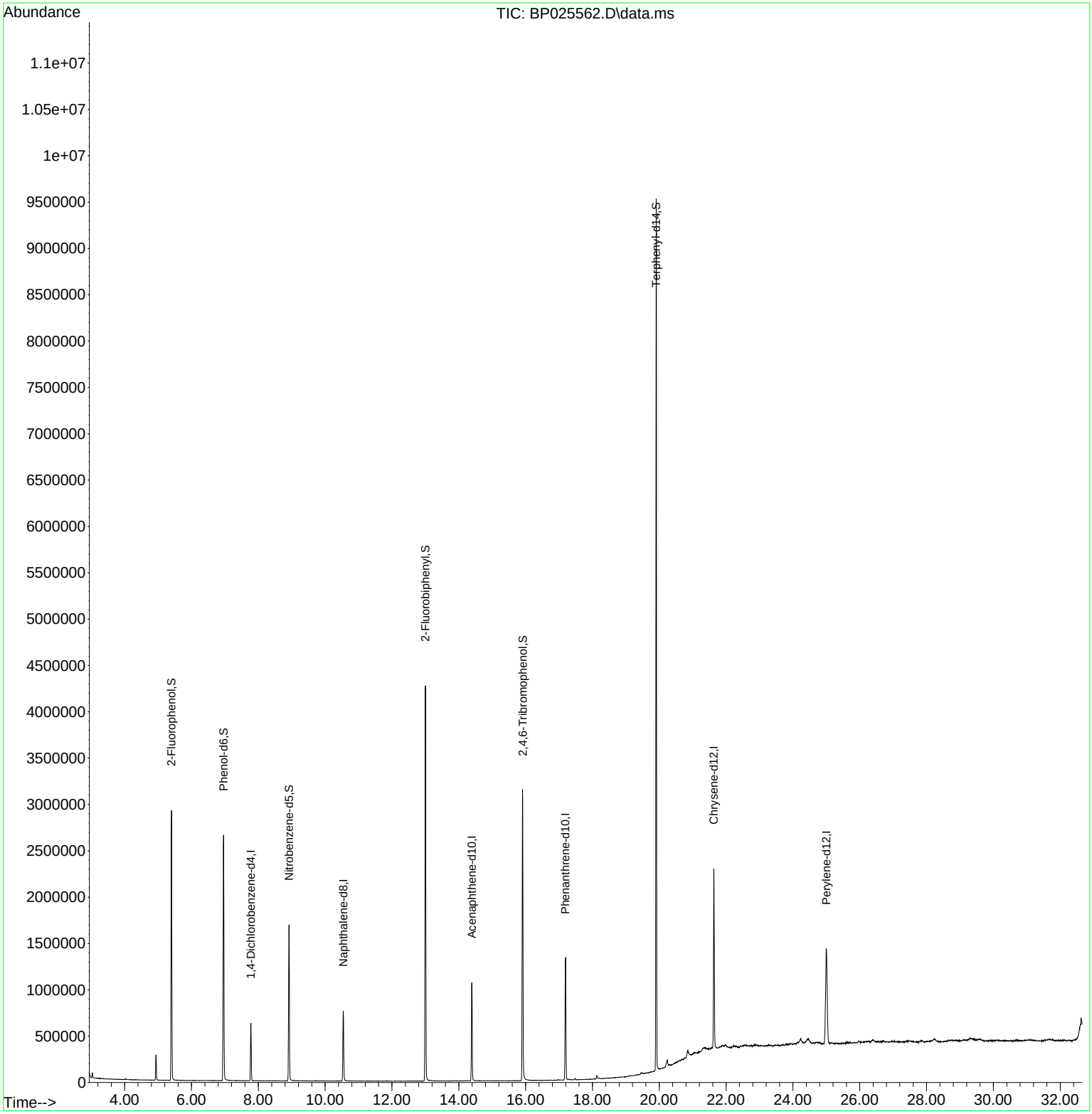
(#) = qualifier out of range (m) = manual integration (+) = signals summed

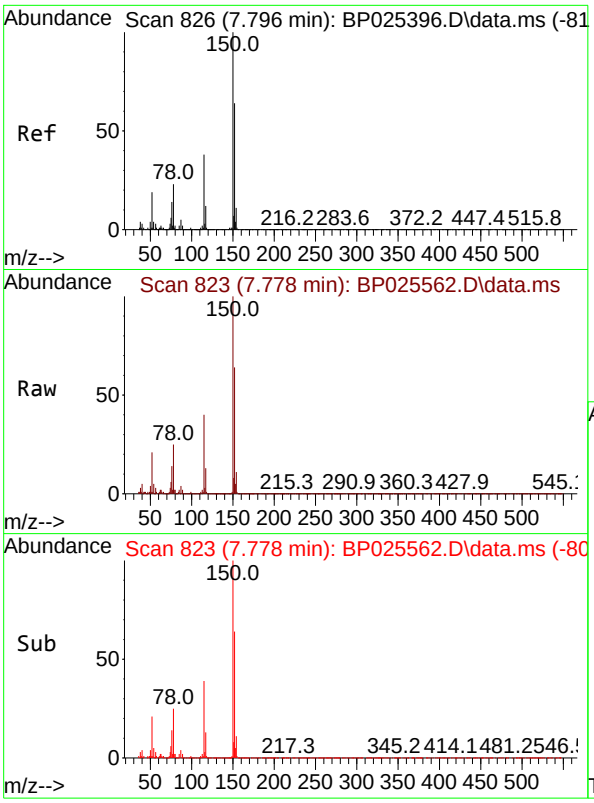
Sample Results: **BP025562.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025562.D
Acq On : 25 Aug 2025 12:54
Operator : CG/JU
Sample : PB169362BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Quant Time: Aug 25 13:15:55 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



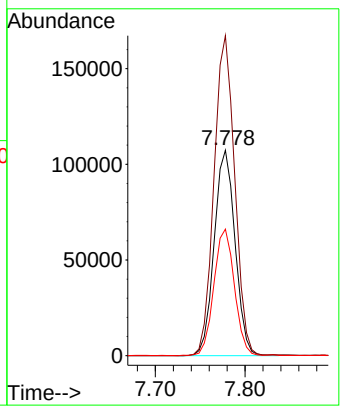


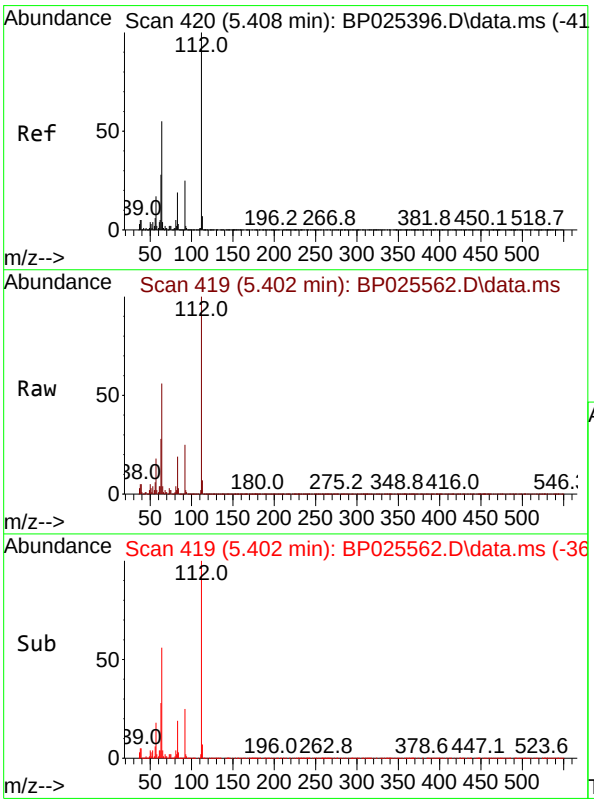
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Tgt Ion:152 Resp: 173347

Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.9	188.9
115	61.6	48.5	72.7

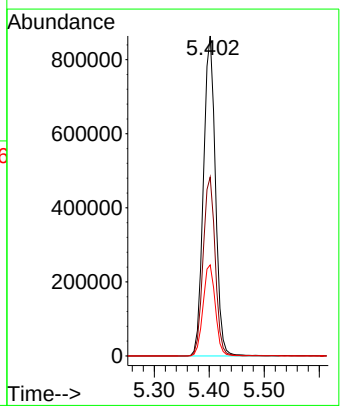


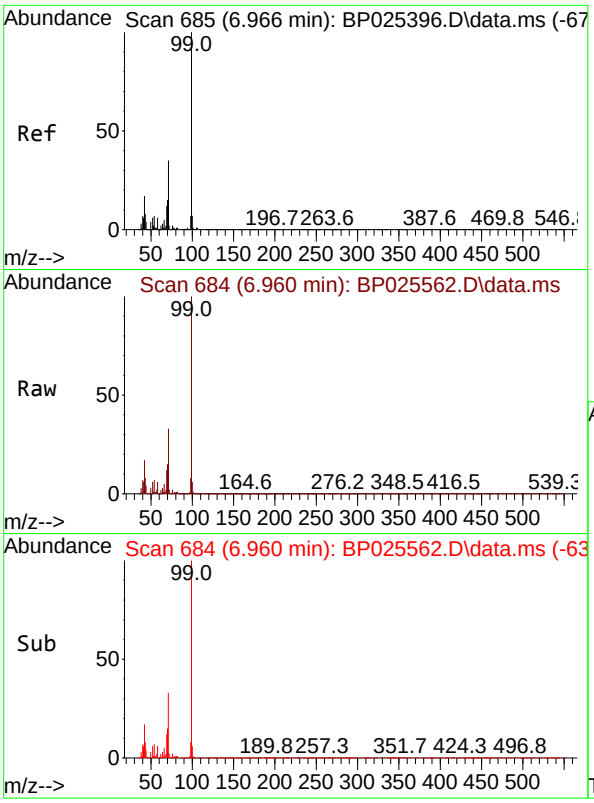


#5
2-Fluorophenol
Concen: 125.092 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Tgt Ion:112 Resp: 1305735

Ion	Ratio	Lower	Upper
112	100		
64	55.9	43.8	65.8
63	28.5	22.7	34.1



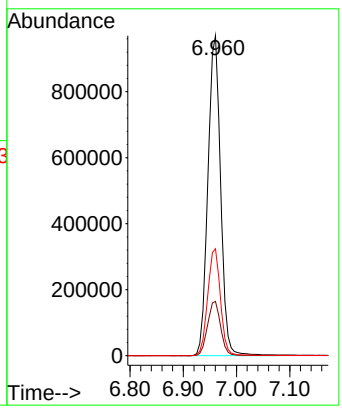


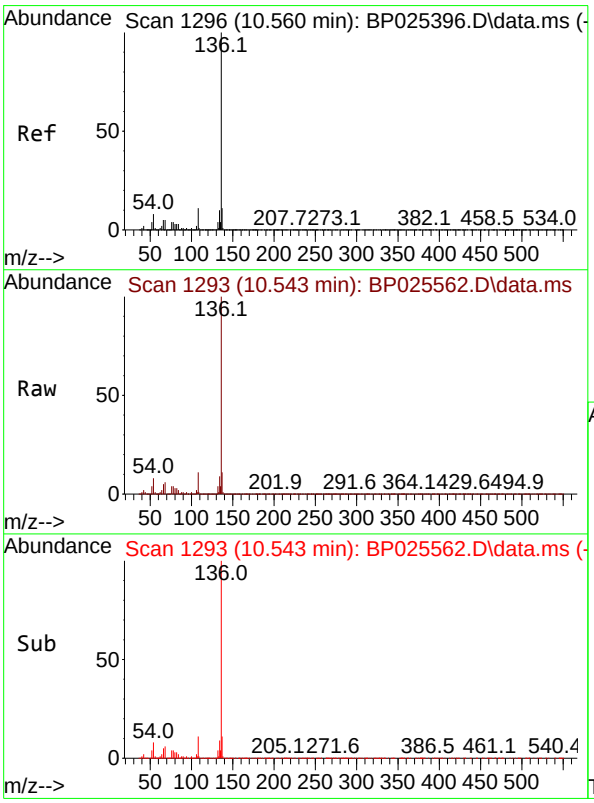
#7
Phenol-d6
Concen: 120.026 ng
RT: 6.960 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Tgt Ion: 99 Resp: 1606270

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.7	20.5
71	33.4	28.2	42.4

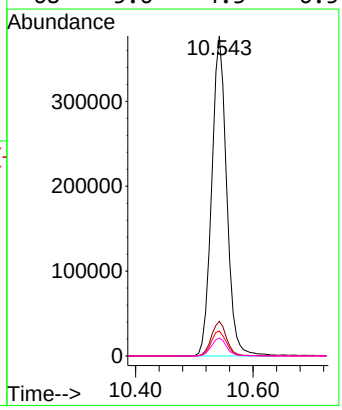


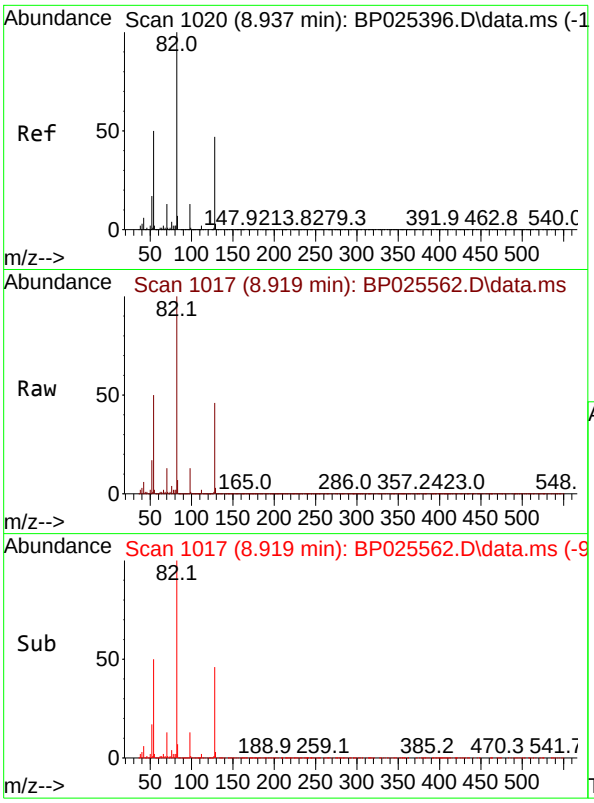


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Tgt Ion:136 Resp: 665603

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.8	6.0	9.0
68	5.6	4.3	6.5



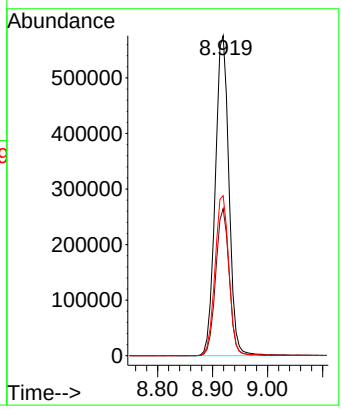


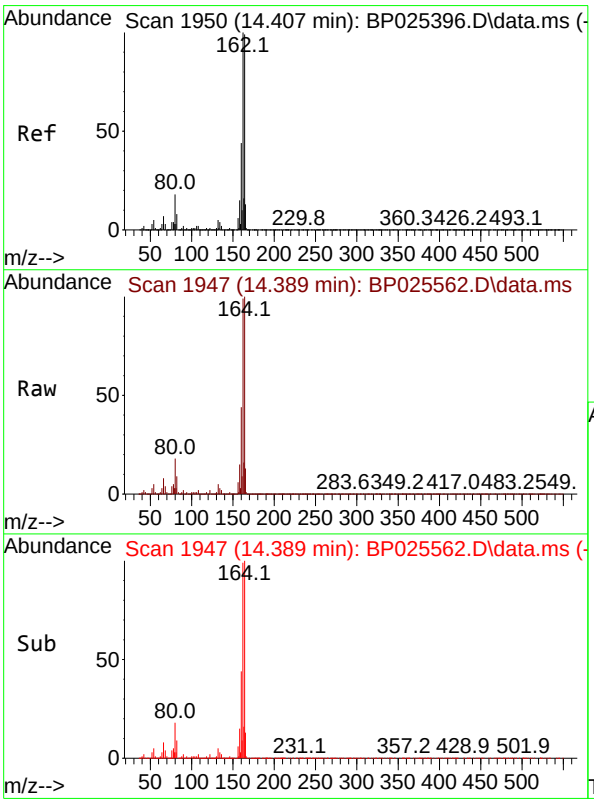
#23
Nitrobenzene-d5
Concen: 75.784 ng
RT: 8.919 min Scan# 1(
Delta R.T. -0.018 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Tgt Ion: 82 Resp: 997167

Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.7	56.5
54	50.0	39.8	59.6

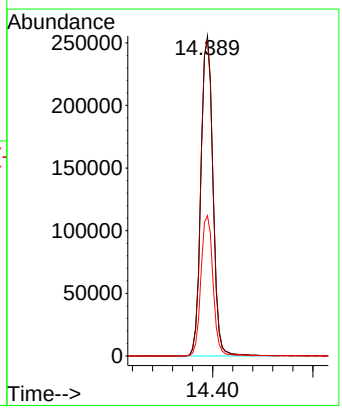


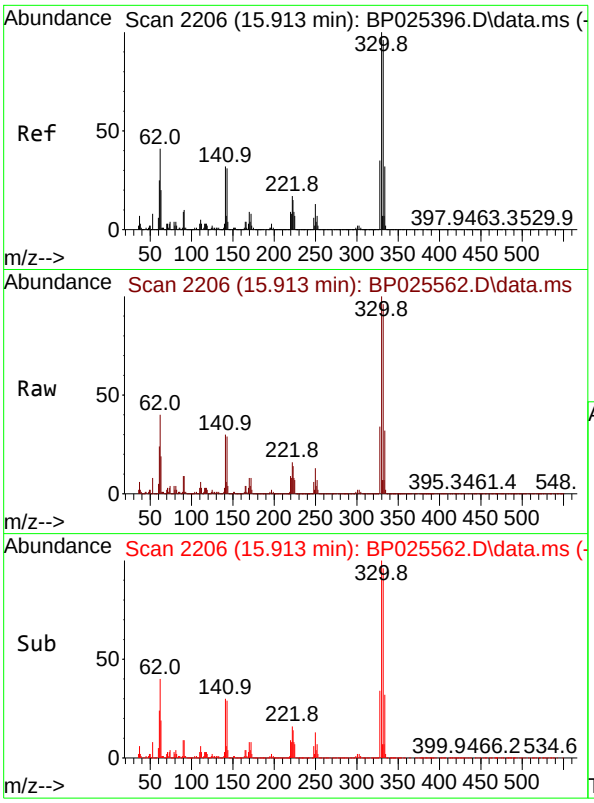


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Tgt Ion:164 Resp: 424932

Ion	Ratio	Lower	Upper
164	100		
162	98.6	81.0	121.6
160	43.8	35.4	53.2



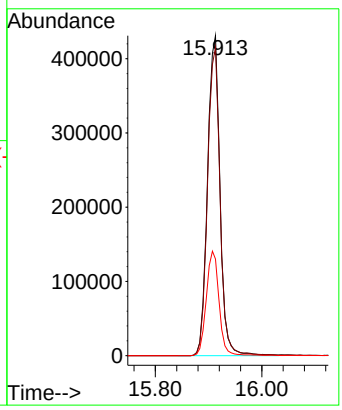


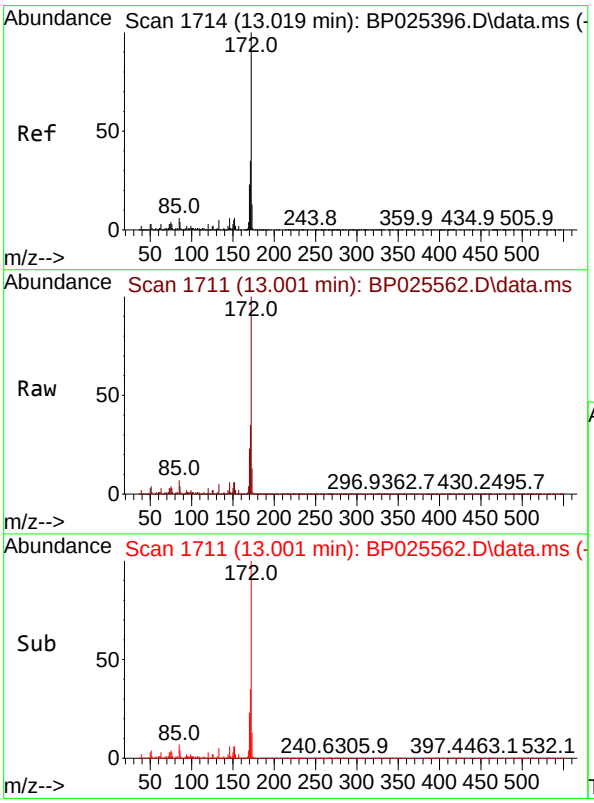
#42
2,4,6-Tribromophenol
Concen: 122.987 ng
RT: 15.913 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Tgt Ion:330 Resp: 703438

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	33.4	26.6	39.8

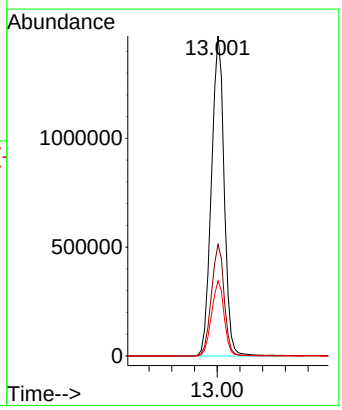


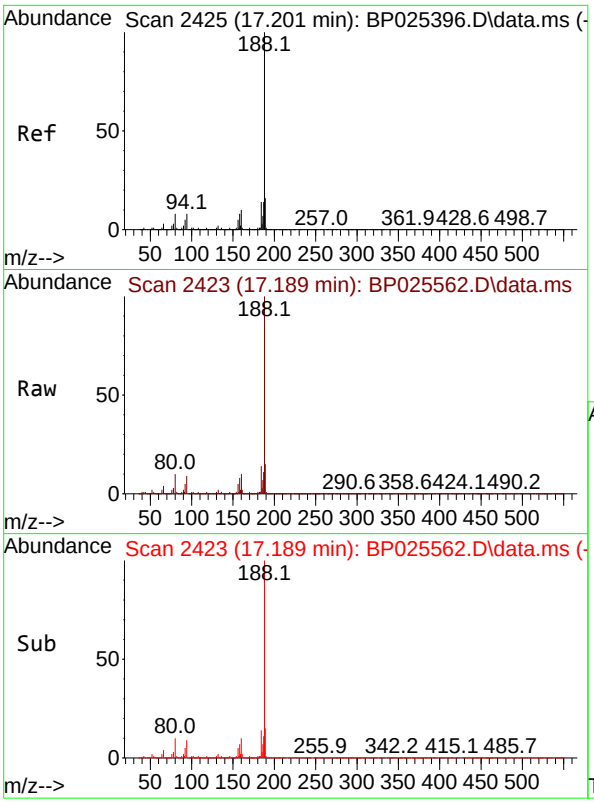


#45
2-Fluorobiphenyl
Concen: 73.312 ng
RT: 13.001 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Tgt Ion:172 Resp: 2279423

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.1	42.1
170	23.5	18.6	28.0



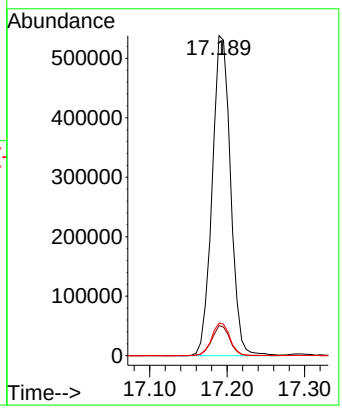


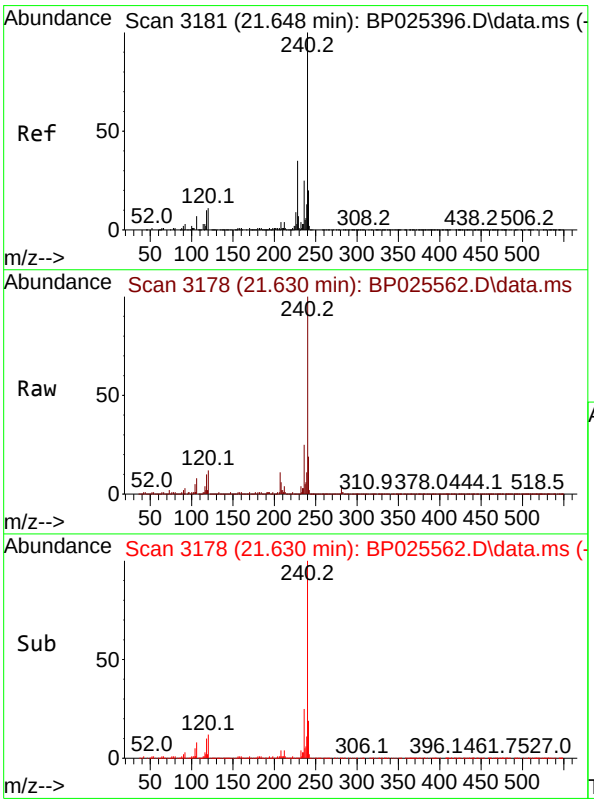
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Tgt Ion:188 Resp: 890876

Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.6	10.0
80	10.2	6.7	10.1#

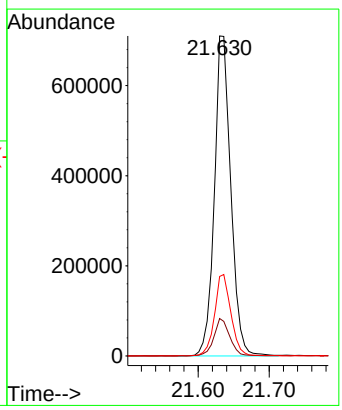


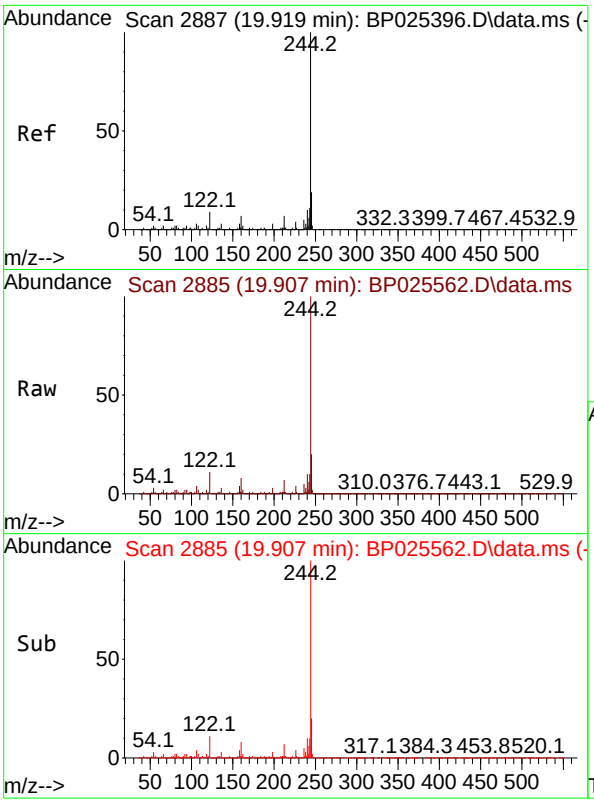


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.018 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Tgt Ion:240 Resp: 1139399

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.9	13.3
236	24.9	19.8	29.8



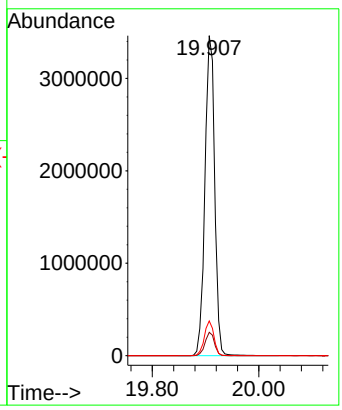


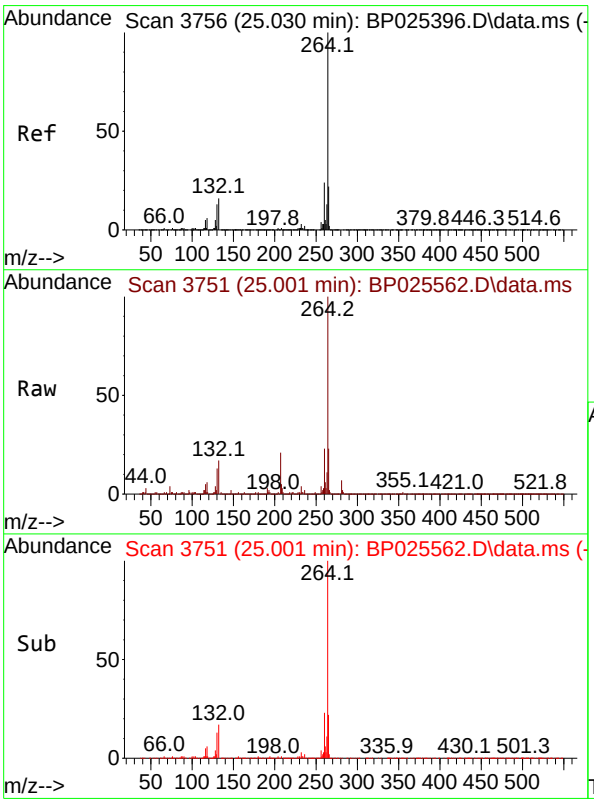
#79
Terphenyl-d14
Concen: 70.100 ng
RT: 19.907 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Tgt Ion:244 Resp: 4365584

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	10.9	7.4	11.2

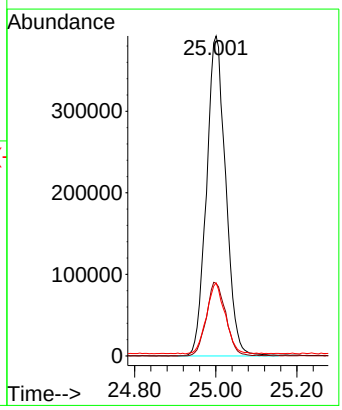




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3751
Delta R.T. -0.029 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Tgt Ion:264 Resp: 1287992

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.3	28.9
265	22.8	17.4	26.0



Sample Results: **BP025562.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025562.D
Acq On : 25 Aug 2025 12:54
Operator : CG/JU
Sample : PB169362BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BL

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: BP025562.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	349	rBV	274048	385712	3.26%	0.792%
2	5.402	412	419	431	rBV	2910782	4425282	37.38%	9.085%
3	6.960	676	684	699	rBV	2650857	4451825	37.60%	9.139%
4	7.778	814	823	830	rBV	622696	996709	8.42%	2.046%
5	8.919	1008	1017	1031	rBV	1686610	2946761	24.89%	6.050%
6	10.543	1283	1293	1304	rBV	757756	1350823	11.41%	2.773%
7	13.001	1703	1711	1726	rBV	4265384	6557684	55.39%	13.463%
8	14.389	1939	1947	1962	rBV	1060124	1793337	15.15%	3.682%
9	15.907	2196	2205	2228	rBV	3145653	5351311	45.20%	10.986%
10	17.195	2416	2424	2437	rBV2	1317090	2227676	18.82%	4.573%
11	19.907	2879	2885	2898	rBV	9406868	11839617	100.00%	24.306%
12	21.630	3173	3178	3190	rVB	1930449	3042992	25.70%	6.247%
13	24.995	3742	3750	3765	rVB	1019950	3340202	28.21%	6.857%

Sum of corrected areas: 48709931

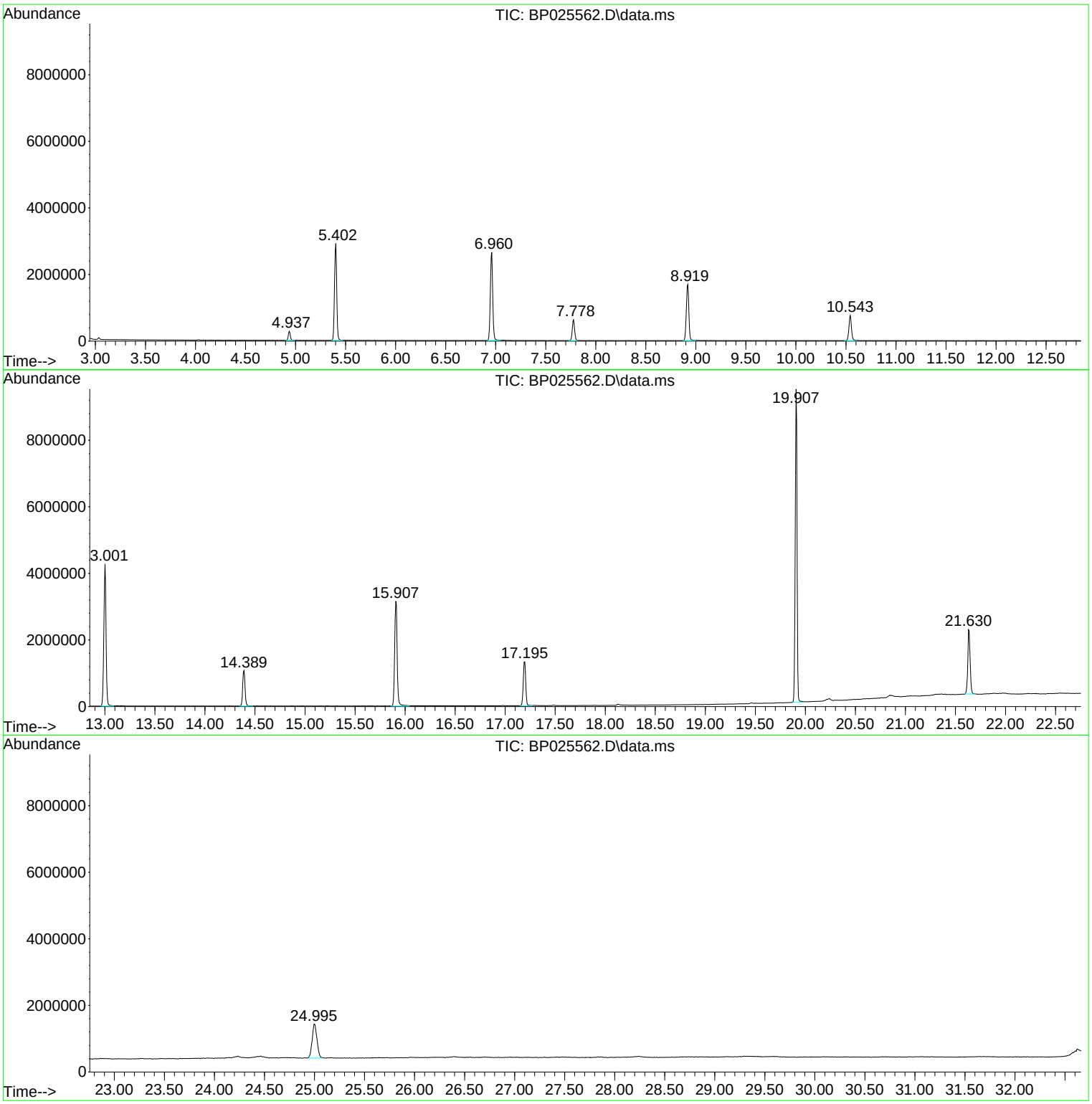
Sample Results: **BP025562.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025562.D
Acq On : 25 Aug 2025 12:54
Operator : CG/JU
Sample : PB169362BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BL

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\BP082525\
Data File : BP025562.D
Acq On : 25 Aug 2025 12:54
Operator : CG/JU
Sample : PB169362BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BL

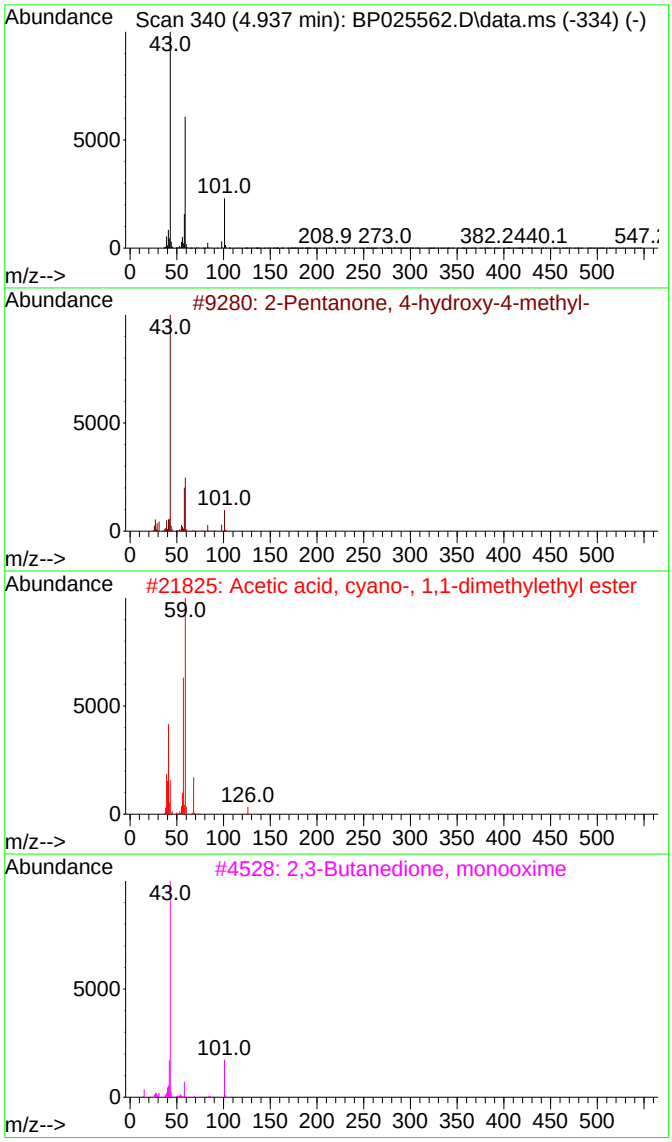
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

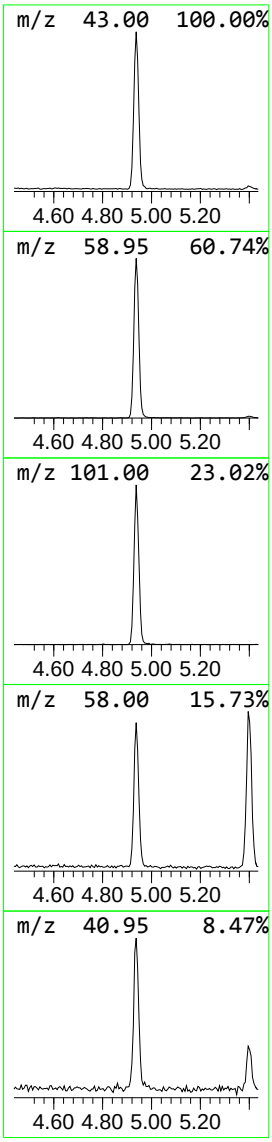
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.937	7.74 ng	385712	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	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Sample Results: **BP025562.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025562.D
Acq On : 25 Aug 2025 12:54
Operator : CG/JU
Sample : PB169362BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BL

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	7.7	ng	385712	1	7.778	996709	20.0

Raw Data: **BP025581.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169362BS	SDG No.:	Q2924
Lab Sample ID:	PB169362BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025581.D	1	08/22/25 10:34	08/26/25 11:44	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	22.9		3.90	10.0	ug/L
108-95-2	Phenol	41.7		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	40.1		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	41.6		0.58	5.00	ug/L
95-48-7	2-Methylphenol	41.0		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39.7		1.30	5.00	ug/L
98-86-2	Acetophenone	39.8		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	39.8		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	36.5		1.40	2.50	ug/L
67-72-1	Hexachloroethane	40.3		0.65	5.00	ug/L
98-95-3	Nitrobenzene	41.1		0.76	5.00	ug/L
78-59-1	Isophorone	39.2		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	42.7		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	42.3		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	40.1		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	43.3		0.52	5.00	ug/L
91-20-3	Naphthalene	39.7		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	23.9		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	40.8		0.54	5.00	ug/L
105-60-2	Caprolactam	39.6		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	42.3		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	39.4		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	81.0	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	44.1		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	44.6		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	41.8		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	40.9		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	44.0		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	41.0		0.61	5.00	ug/L

Raw Data: **BP025581.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169362BS	SDG No.:	Q2924
Lab Sample ID:	PB169362BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025581.D	1	08/22/25 10:34	08/26/25 11:44	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	40.9		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	43.4		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	31.2		1.10	5.00	ug/L
83-32-9	Acenaphthene	39.5		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	100	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	82.1	E	2.40	10.0	ug/L
132-64-9	Dibenzofuran	40.2		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	43.7		1.20	5.00	ug/L
84-66-2	Diethylphthalate	41.5		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	40.1		0.68	5.00	ug/L
86-73-7	Fluorene	40.2		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	41.1		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	46.7		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	42.8		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	42.2		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	42.0		0.52	5.00	ug/L
1912-24-9	Atrazine	41.7		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	86.9	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	40.9		0.50	5.00	ug/L
120-12-7	Anthracene	41.4		0.61	5.00	ug/L
86-74-8	Carbazole	40.8		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	41.6		1.20	5.00	ug/L
206-44-0	Fluoranthene	40.0		0.82	5.00	ug/L
129-00-0	Pyrene	43.4		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	44.3		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	31.9		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	42.2		0.45	5.00	ug/L
218-01-9	Chrysene	41.7		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	42.7		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	43.7		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	41.7		0.49	5.00	ug/L

Raw Data: **BP025581.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169362BS	SDG No.:	Q2924
Lab Sample ID:	PB169362BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025581.D	1	08/22/25 10:34	08/26/25 11:44	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	41.8		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	41.6		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	41.4		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	41.8		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	41.4		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	42.0		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	34.9		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	43.0		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	116		23 - 138	77%	SPK: 150
13127-88-3	Phenol-d6	113		10 - 134	75%	SPK: 150
4165-60-0	Nitrobenzene-d5	72.1		67 - 132	72%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.9		52 - 132	71%	SPK: 100
118-79-6	2,4,6-Tribromophenol	119		44 - 137	80%	SPK: 150
1718-51-0	Terphenyl-d14	75.5		42 - 152	75%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	256000	7.778			
1146-65-2	Naphthalene-d8	1000000	10.549			
15067-26-2	Acenaphthene-d10	636000	14.407			
1517-22-2	Phenanthrene-d10	1240000	17.195			
1719-03-5	Chrysene-d12	1180000	21.63			
1520-96-3	Perylene-d12	1320000	24.989			

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\BP082625\
Data File : BP025581.D
Acq On : 26 Aug 2025 11:44
Operator : CG/JU
Sample : PB169362BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Quant Time: Aug 26 12:07:22 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	256194	20.000	ng		-0.02
21) Naphthalene-d8	10.549	136	1004578	20.000	ng		-0.01
39) Acenaphthene-d10	14.407	164	636349	20.000	ng		0.00
64) Phenanthrene-d10	17.195	188	1239646	20.000	ng		0.00
76) Chrysene-d12	21.630	240	1177566	20.000	ng		-0.02
86) Perylene-d12	24.989	264	1318341	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.414	112	1791887	116.154	ng		0.00
7) Phenol-d6	6.972	99	2226832	112.588	ng		0.00
23) Nitrobenzene-d5	8.925	82	1431478	72.082	ng		-0.01
42) 2,4,6-Tribromophenol	15.919	330	1021885	119.305	ng		0.00
45) 2-Fluorobiphenyl	13.013	172	3299304	70.859	ng		0.00
79) Terphenyl-d14	19.919	244	4858385	75.484	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	211063	34.929	ng		98
3) Pyridine	3.726	79	587186	35.502	ng		97
4) n-Nitrosodimethylamine	3.631	42	280989	41.209	ng		97
6) Aniline	7.114	93	795779	29.862	ng		97
8) 2-Chlorophenol	7.355	128	723872	41.581	ng		98
9) Benzaldehyde	6.931	77	317953	22.945	ng		97
10) Phenol	7.002	94	864737	41.666	ng		99
11) bis(2-Chloroethyl)ether	7.208	93	648453	40.087	ng		99
12) 1,3-Dichlorobenzene	7.672	146	767314	39.973	ng		100
13) 1,4-Dichlorobenzene	7.814	146	784585	39.989	ng		99
14) 1,2-Dichlorobenzene	8.125	146	755735	39.791	ng		99
15) Benzyl Alcohol	8.014	79	617462	39.290	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.302	45	860354	39.703	ng		100
17) 2-Methylphenol	8.231	107	591057	41.006	ng		99
18) Hexachloroethane	8.855	117	291012	40.340	ng		95
19) n-Nitroso-di-n-propyla...	8.578	70	477539	36.451	ng		99
20) 3+4-Methylphenols	8.555	107	794684	39.774	ng		99
22) Acetophenone	8.596	105	1002924	39.810	ng	#	99
24) Nitrobenzene	8.966	77	730033	41.133	ng		99
25) Isophorone	9.490	82	1378210	39.215	ng		98
26) 2-Nitrophenol	9.666	139	389055	42.713	ng		97
27) 2,4-Dimethylphenol	9.737	122	662704	42.307	ng		99
28) bis(2-Chloroethoxy)met...	9.961	93	850880	40.052	ng		99
29) 2,4-Dichlorophenol	10.208	162	673024	43.252	ng		98
30) 1,2,4-Trichlorobenzene	10.413	180	685300	40.176	ng		99
31) Naphthalene	10.602	128	2075445	39.749	ng		99
32) Benzoic acid	9.908	122	524790	45.380	ng		98
33) 4-Chloroaniline	10.708	127	551600	23.916	ng		99
34) Hexachlorobutadiene	10.878	225	433221	40.781	ng		100
35) Caprolactam	11.502	113	225808	39.576	ng		97
36) 4-Chloro-3-methylphenol	11.843	107	755078	42.289	ng		98
37) 2-Methylnaphthalene	12.207	142	1339301	39.416	ng		98
38) 1-Methylnaphthalene	12.425	142	1381572	38.233	ng		99
40) 1,2,4,5-Tetrachloroben...	12.578	216	771235	41.964	ng		99
41) Hexachlorocyclopentadiene	12.560	237	899638	81.039	ng		99
43) 2,4,6-Trichlorophenol	12.819	196	546655	44.058	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025581.D
Acq On : 26 Aug 2025 11:44
Operator : CG/JU
Sample : PB169362BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Quant Time: Aug 26 12:07:22 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

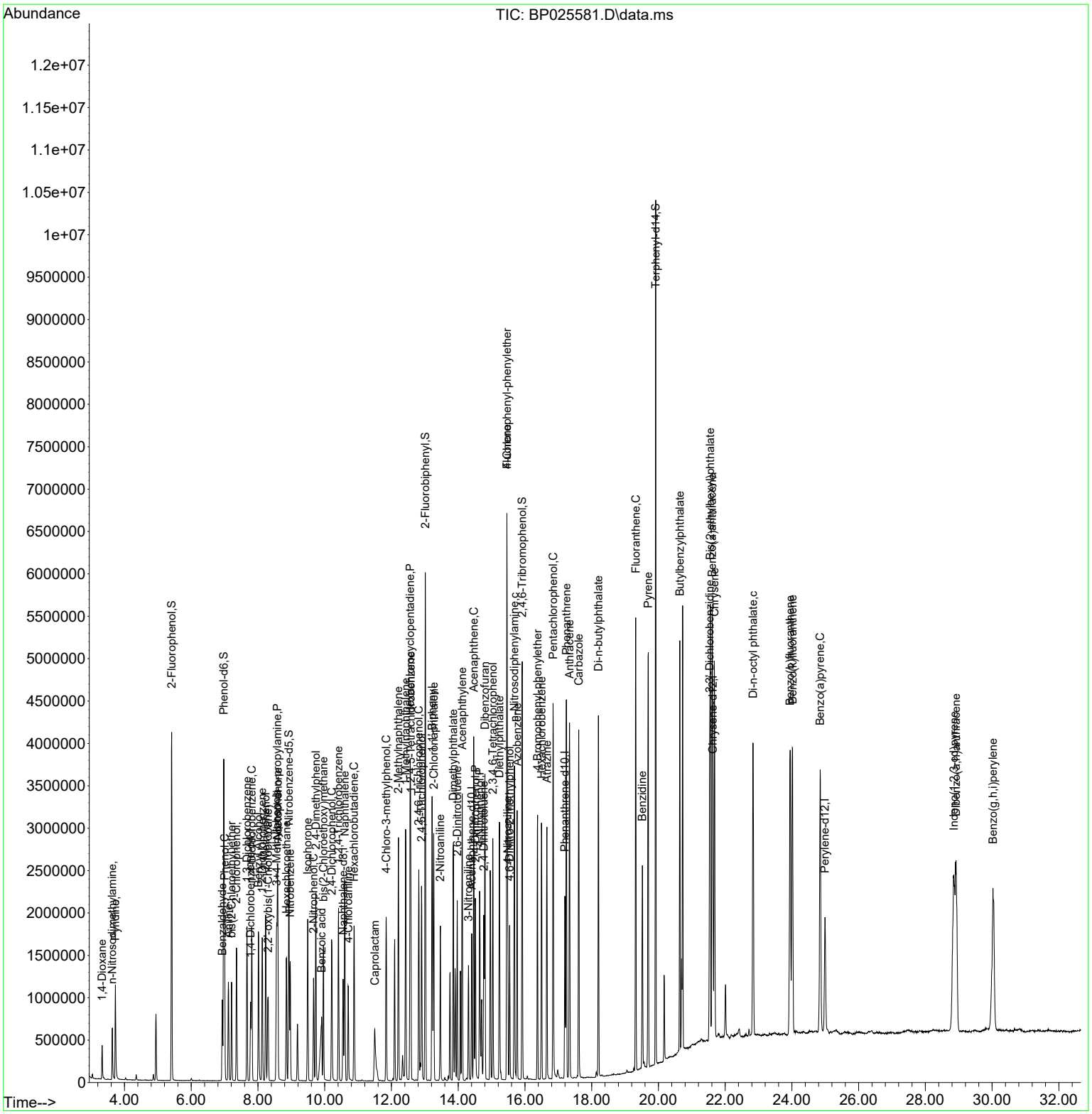
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.902	196	606774	44.621	ng		99
46) 1,1'-Biphenyl	13.219	154	1931665	41.797	ng		99
47) 2-Chloronaphthalene	13.266	162	1472263	40.921	ng		99
48) 2-Nitroaniline	13.466	65	461040	43.979	ng		98
49) Acenaphthylene	14.119	152	2435658	40.912	ng		100
50) Dimethylphthalate	13.854	163	1911307	41.016	ng		100
51) 2,6-Dinitrotoluene	13.972	165	426287	43.402	ng		99
52) Acenaphthene	14.466	154	1380494	39.505	ng		98
53) 3-Nitroaniline	14.307	138	345007	31.221	ng		97
54) 2,4-Dinitrophenol	14.519	184	533837	101.778	ng		95
55) Dibenzofuran	14.801	168	2222480	40.227	ng		99
56) 4-Nitrophenol	14.643	139	745489	82.098	ng		95
57) 2,4-Dinitrotoluene	14.766	165	611705	43.652	ng		96
58) Fluorene	15.460	166	1754062	40.236	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.037	232	516718	43.035	ng		99
60) Diethylphthalate	15.237	149	1963954	41.478	ng		99
61) 4-Chlorophenyl-phenyle...	15.460	204	869582	40.107	ng		99
62) 4-Nitroaniline	15.484	138	465461	41.087	ng		98
63) Azobenzene	15.766	77	1705622	42.069	ng		99
65) 4,6-Dinitro-2-methylph...	15.543	198	360561	46.660	ng		97
66) n-Nitrosodiphenylamine	15.684	169	1617614	42.792	ng		99
67) 4-Bromophenyl-phenylether	16.378	248	576012	42.249	ng		100
68) Hexachlorobenzene	16.495	284	664199	42.026	ng		98
69) Atrazine	16.660	200	590609	41.719	ng		100
70) Pentachlorophenol	16.843	266	866823	86.886	ng		96
71) Phenanthrene	17.242	178	2783407	40.874	ng		99
72) Anthracene	17.337	178	2880596	41.423	ng		100
73) Carbazole	17.613	167	2673601	40.817	ng		100
74) Di-n-butylphthalate	18.201	149	3353500	41.612	ng		99
75) Fluoranthene	19.319	202	3247240	39.976	ng		99
77) Benzidine	19.519	184	1596713	39.731	ng		99
78) Pyrene	19.695	202	3319660	43.373	ng		99
80) Butylbenzylphthalate	20.642	149	1537154	44.314	ng		99
81) Benzo(a)anthracene	21.607	228	3274508	42.164	ng		99
82) 3,3'-Dichlorobenzidine	21.536	252	934179	31.914	ng		99
83) Chrysene	21.678	228	3029858	41.659	ng		99
84) Bis(2-ethylhexyl)phtha...	21.554	149	2179550	42.684	ng		100
85) Di-n-octyl phthalate	22.836	149	3839151	43.711	ng		99
87) Indeno(1,2,3-cd)pyrene	28.854	276	4001108	41.384	ng	#	95
88) Benzo(b)fluoranthene	23.948	252	3243383	41.722	ng		99
89) Benzo(k)fluoranthene	24.019	252	3250836	41.789	ng		99
90) Benzo(a)pyrene	24.848	252	3144868	41.559	ng		99
91) Dibenzo(a,h)anthracene	28.918	278	3304493	41.824	ng		98
92) Benzo(g,h,i)perylene	30.024	276	3213416	41.376	ng		99

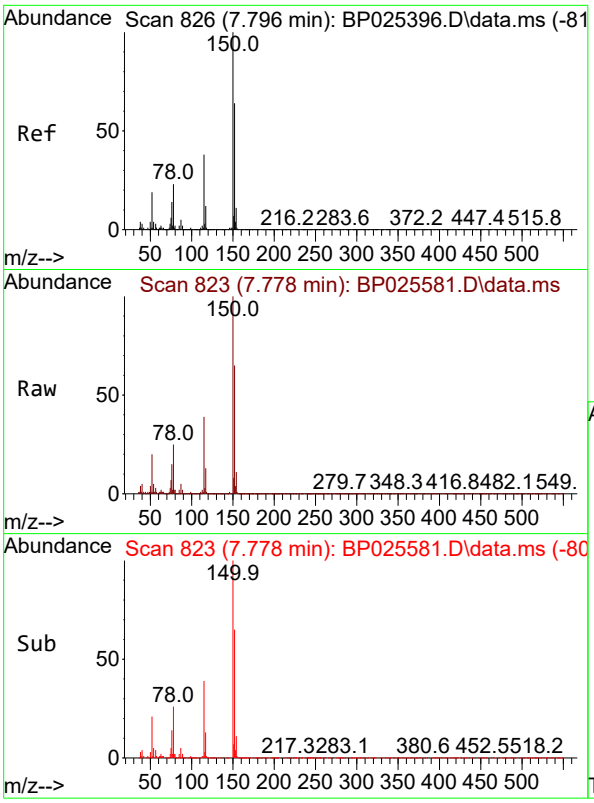
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025581.D
Acq On : 26 Aug 2025 11:44
Operator : CG/JU
Sample : PB169362BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Quant Time: Aug 26 12:07:22 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



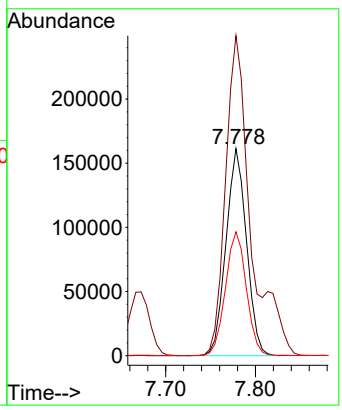


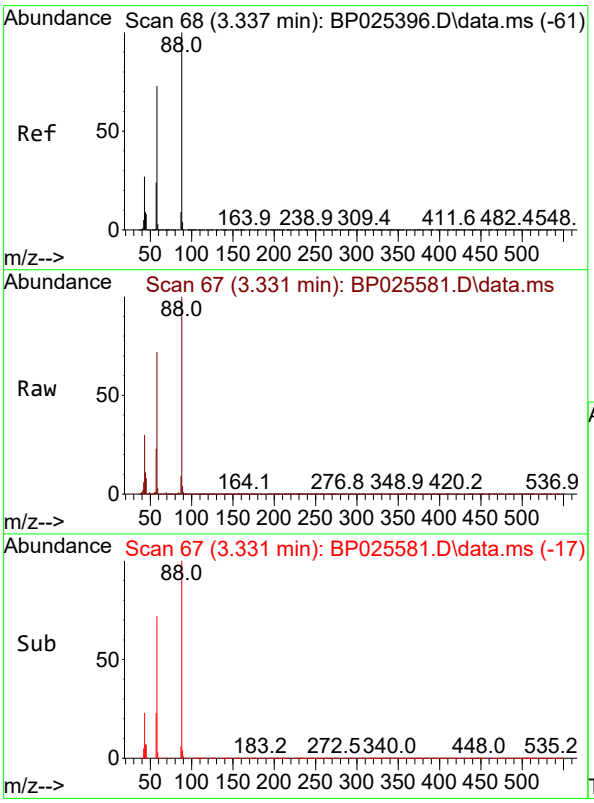
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:152 Resp: 256194

Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.9	188.9
115	59.8	48.5	72.7

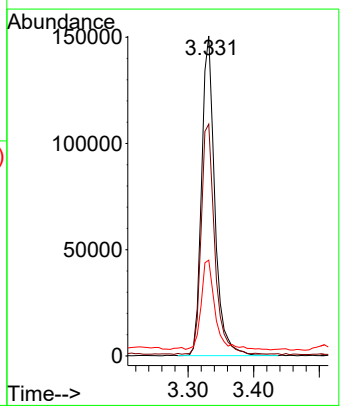


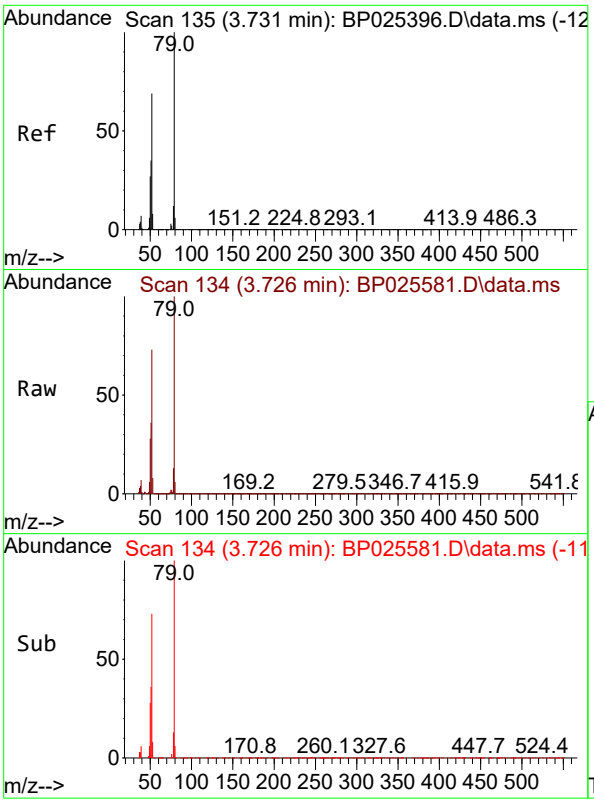


#2
1,4-Dioxane
Concen: 34.929 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion: 88 Resp: 211063

Ion	Ratio	Lower	Upper
88	100		
58	73.5	59.2	88.8
43	29.7	21.7	32.5



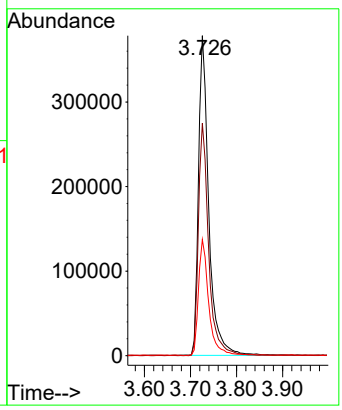


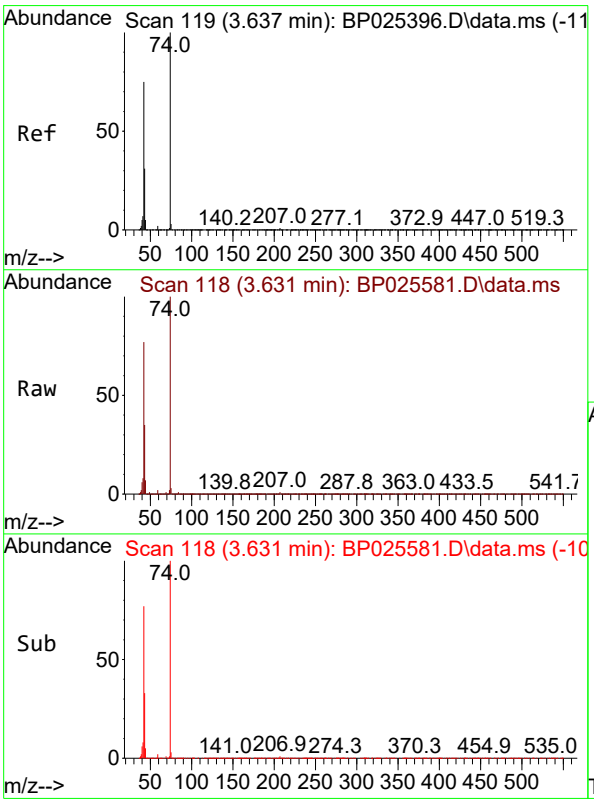
#3
Pyridine
Concen: 35.502 ng
RT: 3.726 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion: 79 Resp: 587186

Ion	Ratio	Lower	Upper
79	100		
52	72.7	55.5	83.3
51	36.3	28.3	42.5

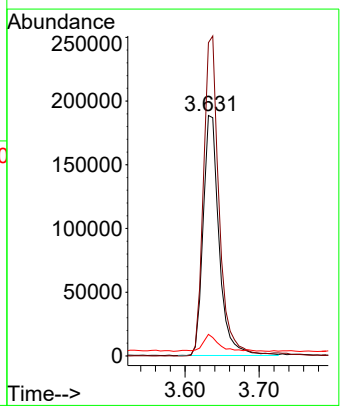


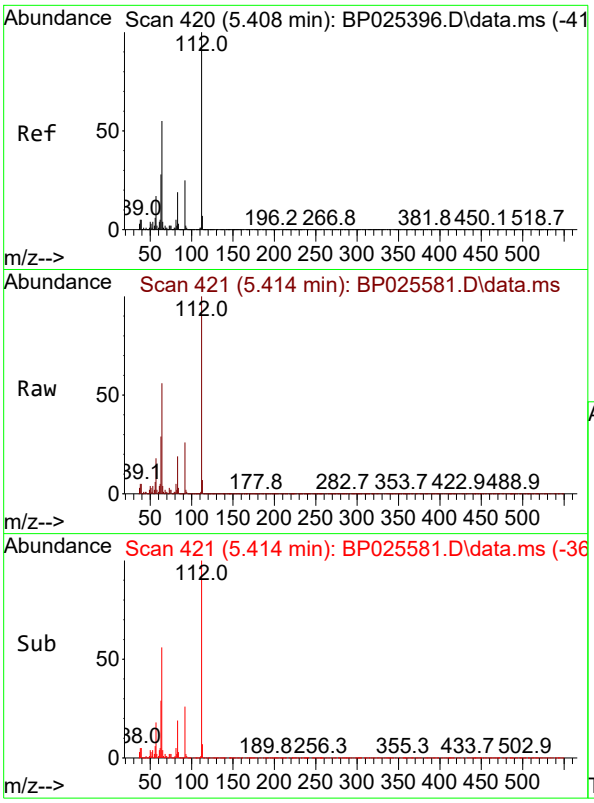


#4
n-Nitrosodimethylamine
Concen: 41.209 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion: 42 Resp: 280989

Ion	Ratio	Lower	Upper
42	100		
74	130.2	107.0	160.4
44	9.0	6.2	9.4



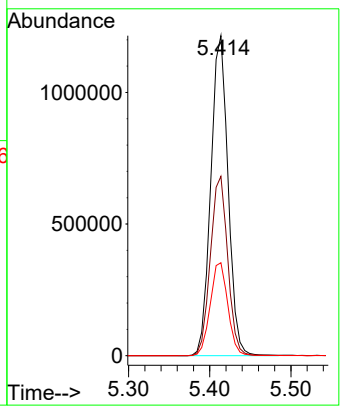


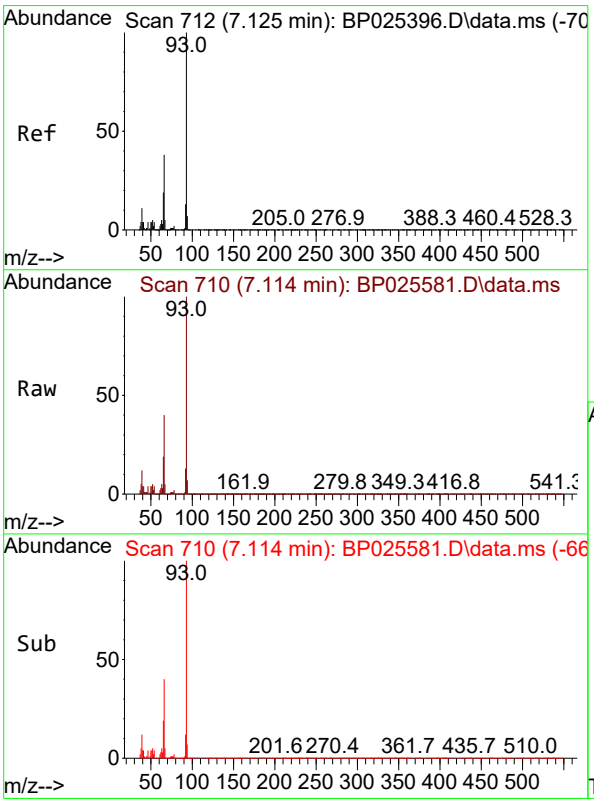
#5
2-Fluorophenol
Concen: 116.154 ng
RT: 5.414 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:112 Resp: 1791887

Ion	Ratio	Lower	Upper
112	100		
64	56.1	43.8	65.8
63	29.1	22.7	34.1

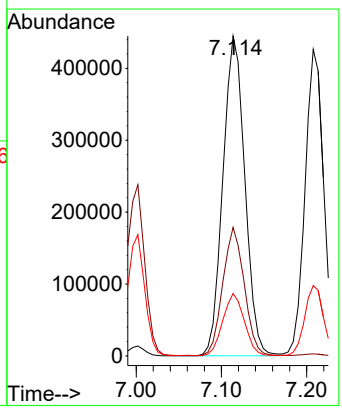


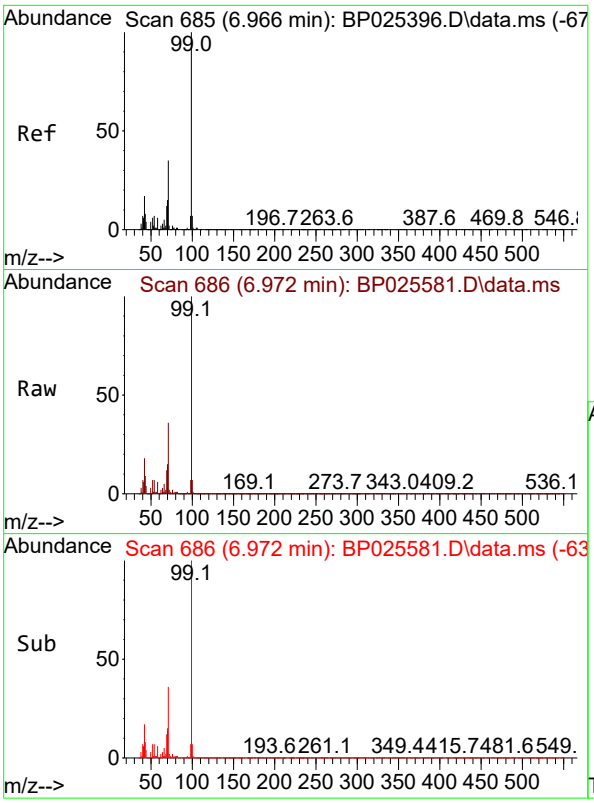


#6
Aniline
Concen: 29.862 ng
RT: 7.114 min Scan# 710
Delta R.T. -0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion: 93 Resp: 795779

Ion	Ratio	Lower	Upper
93	100		
66	40.1	30.4	45.6
65	19.5	15.3	22.9



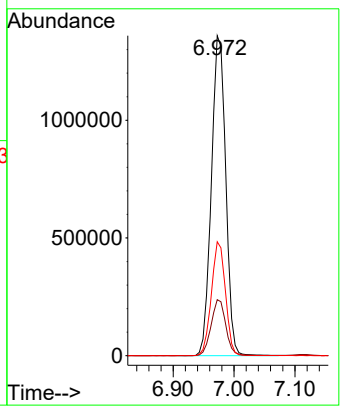


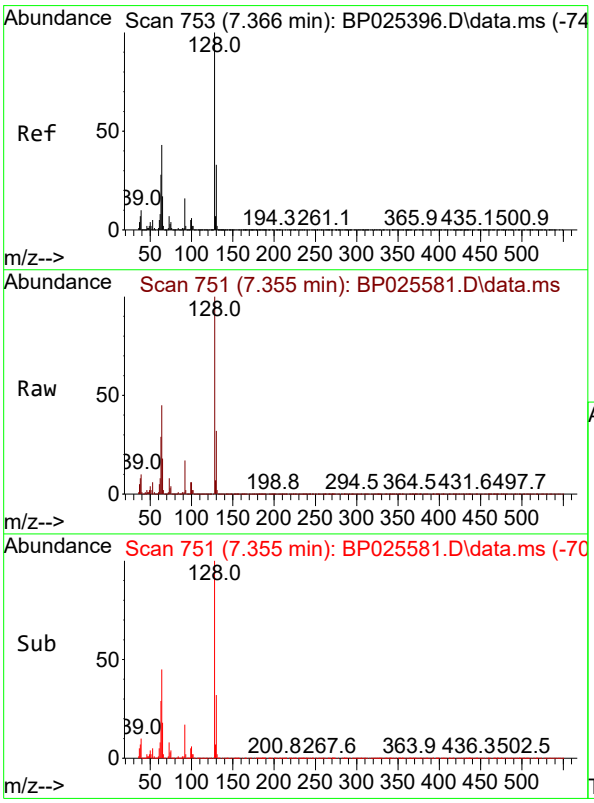
#7
Phenol-d6
Concen: 112.588 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion: 99 Resp: 2226832

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.7	20.5
71	35.6	28.2	42.4

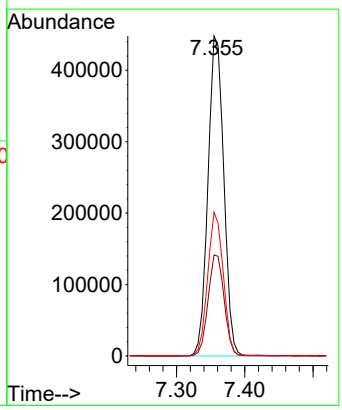


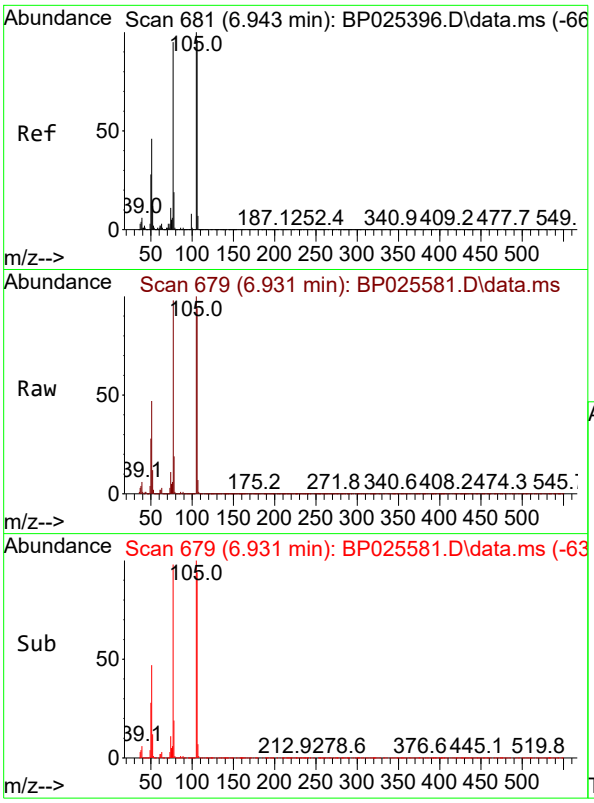


#8
2-Chlorophenol
Concen: 41.581 ng
RT: 7.355 min Scan# 751
Delta R.T. -0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:128 Resp: 723872

Ion	Ratio	Lower	Upper
128	100		
130	31.5	12.6	52.6
64	44.9	23.4	63.4



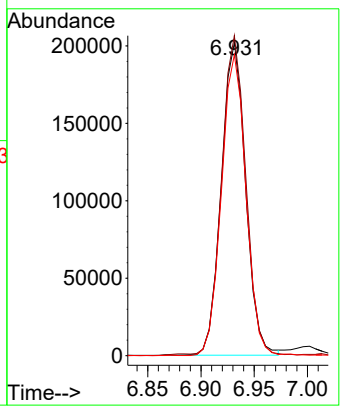


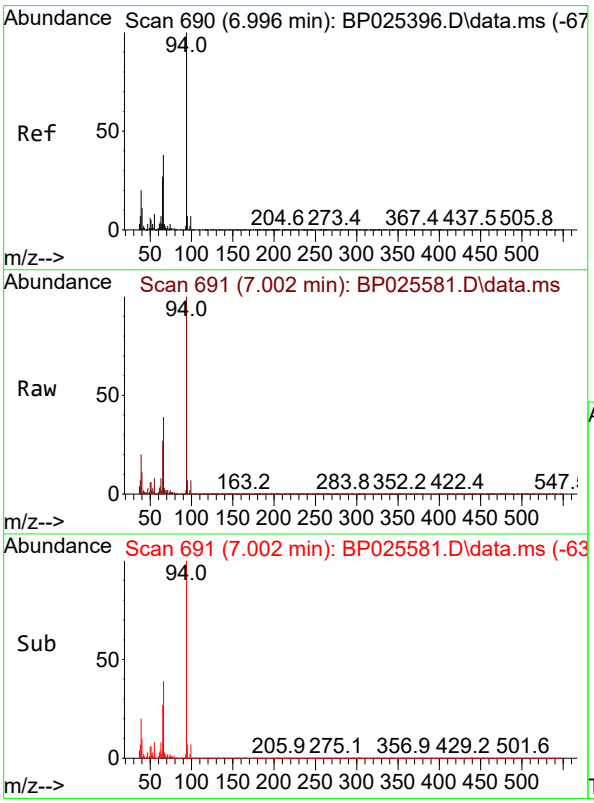
#9
Benzaldehyde
Concen: 22.945 ng
RT: 6.931 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion: 77 Resp: 317953

Ion	Ratio	Lower	Upper
77	100		
105	102.2	84.8	124.8
106	96.1	80.5	120.5

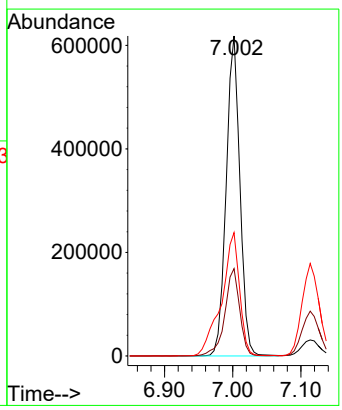


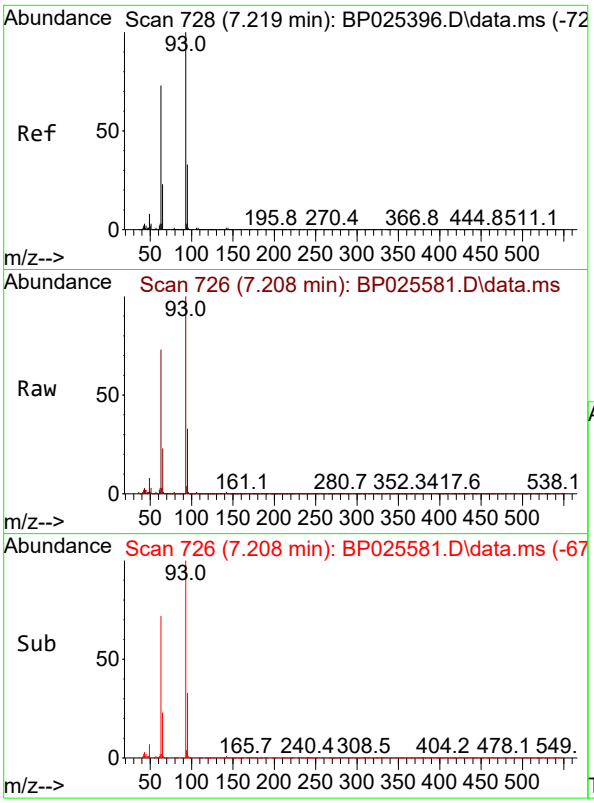


#10
Phenol
Concen: 41.666 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion: 94 Resp: 864737

Ion	Ratio	Lower	Upper
94	100		
65	27.3	6.8	46.8
66	38.5	18.2	58.2



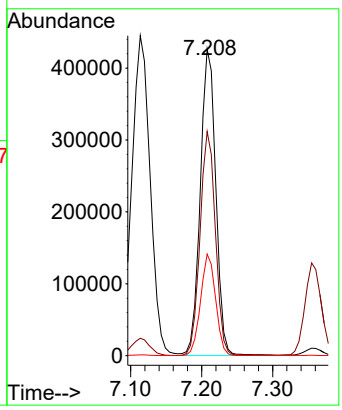


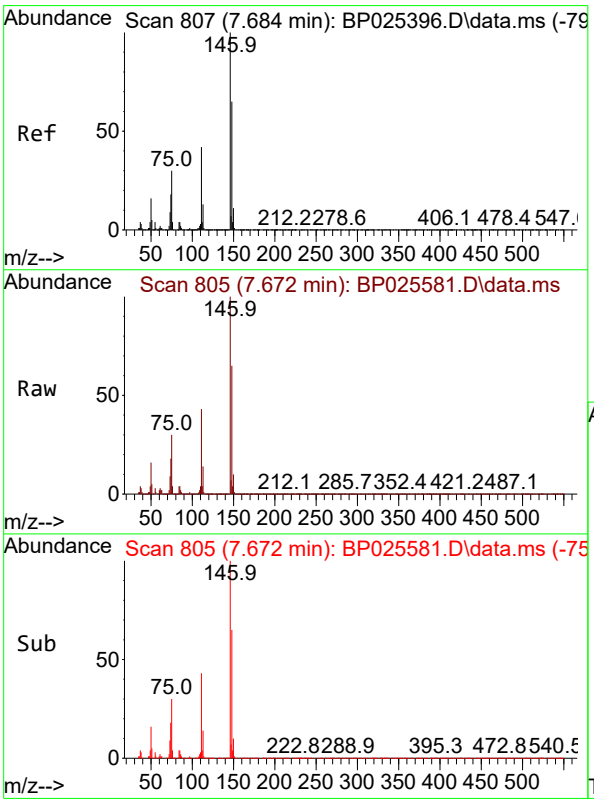
#11
bis(2-Chloroethyl)ether
Concen: 40.087 ng
RT: 7.208 min Scan# 7
Delta R.T. -0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion: 93 Resp: 648453

Ion	Ratio	Lower	Upper
93	100		
63	73.1	52.6	92.6
95	33.1	12.7	52.7

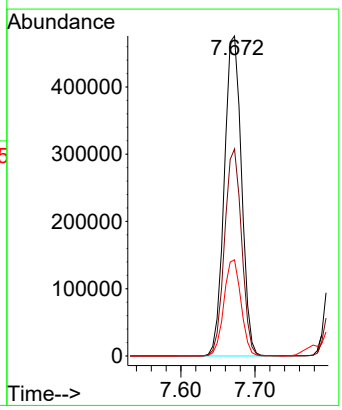


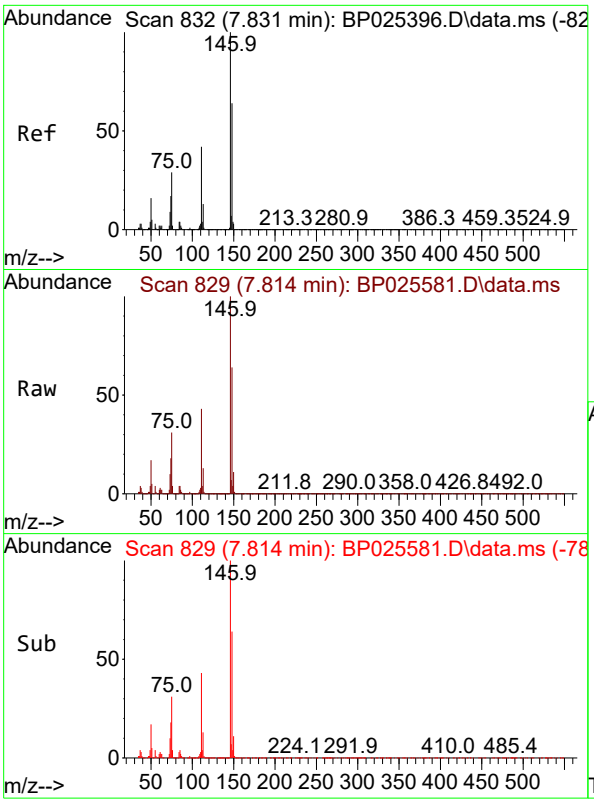


#12
1,3-Dichlorobenzene
Concen: 39.973 ng
RT: 7.672 min Scan# 805
Delta R.T. -0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:146 Resp: 767314

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.9	77.9
75	30.0	23.7	35.5



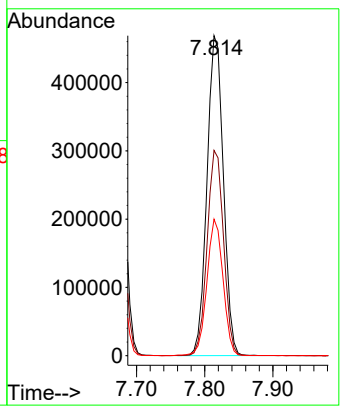


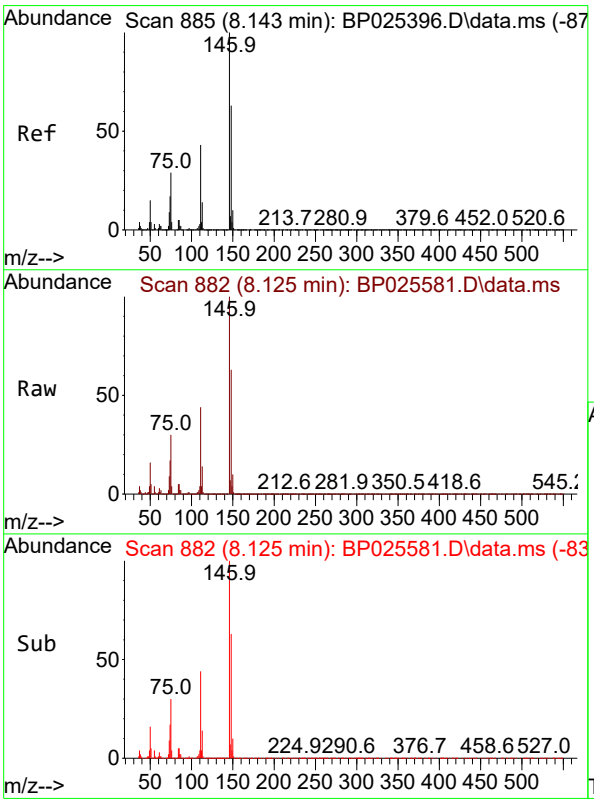
#13
1,4-Dichlorobenzene
Concen: 39.989 ng
RT: 7.814 min Scan# 8
Delta R.T. -0.017 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:146 Resp: 784585

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.6	77.4
111	42.6	33.4	50.0

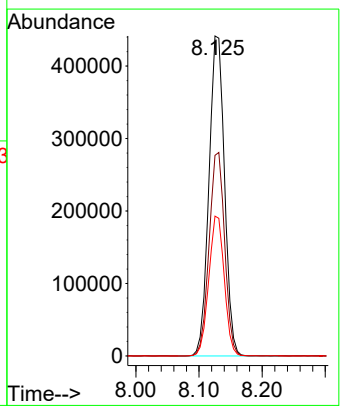


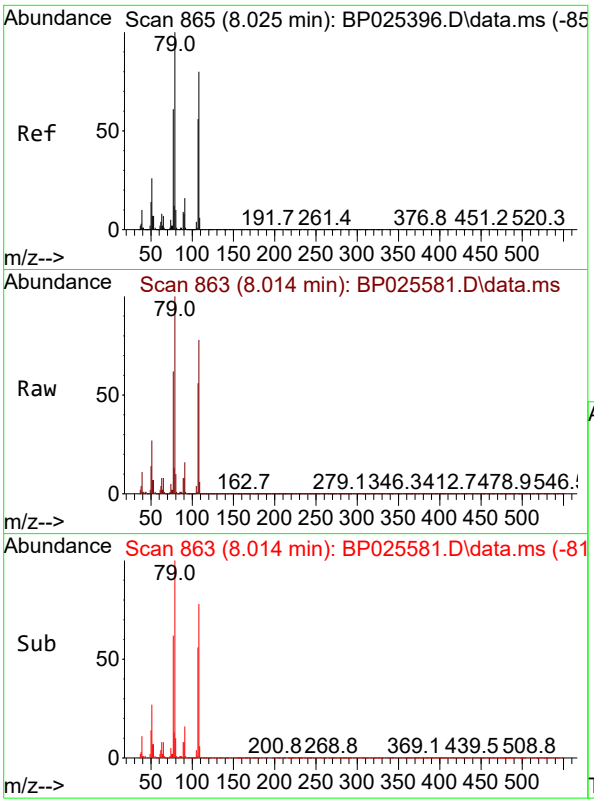


#14
1,2-Dichlorobenzene
Concen: 39.791 ng
RT: 8.125 min Scan# 882
Delta R.T. -0.017 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:146 Resp: 755735

Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.4	75.6
111	43.7	34.5	51.7



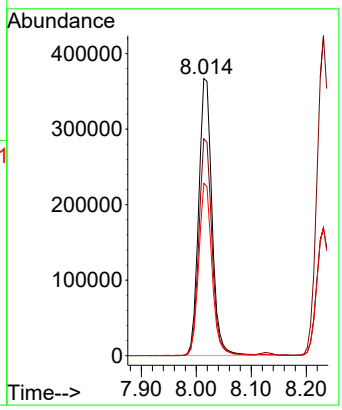


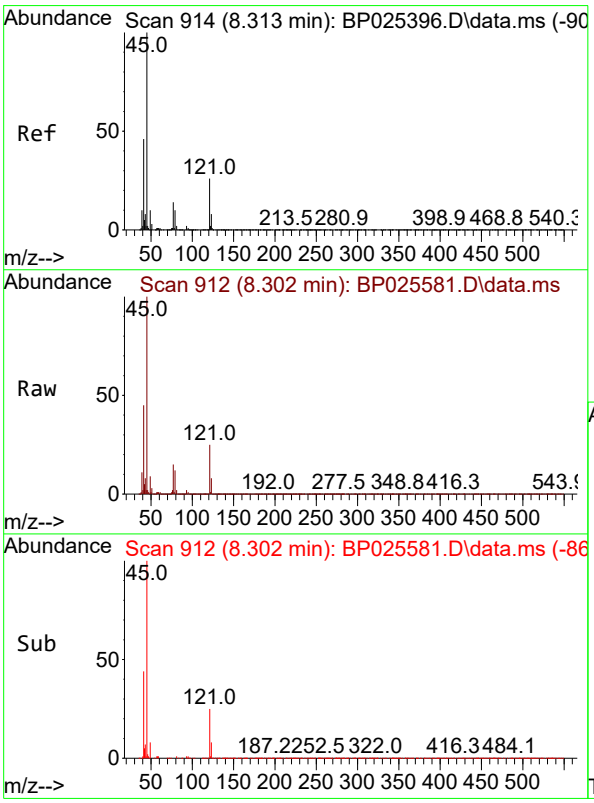
#15
Benzyl Alcohol
Concen: 39.290 ng
RT: 8.014 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion: 79 Resp: 617462

Ion	Ratio	Lower	Upper
79	100		
108	78.3	63.8	95.6
77	62.2	49.0	73.4

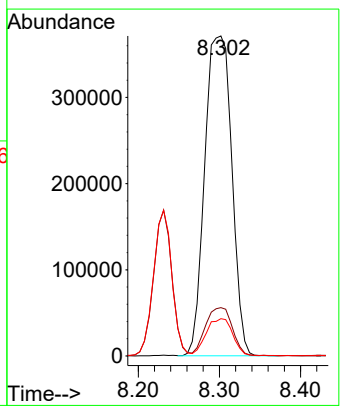


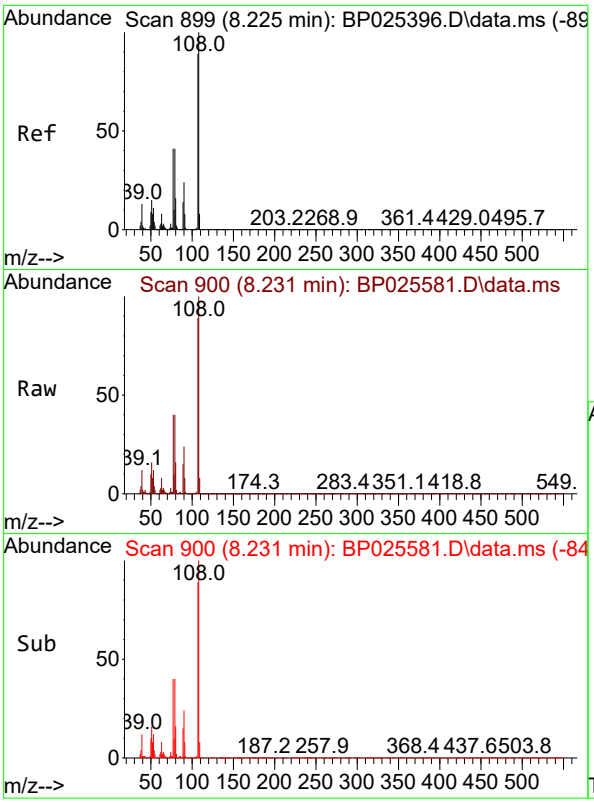


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.703 ng
RT: 8.302 min Scan# 912
Delta R.T. -0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion: 45 Resp: 860354

Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	35.3
79	11.6	0.0	31.8



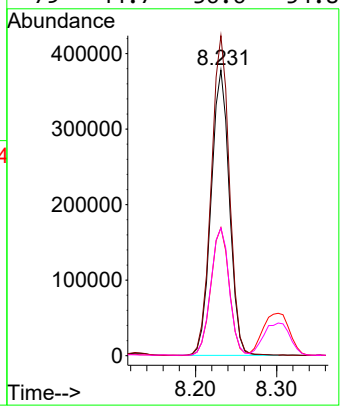


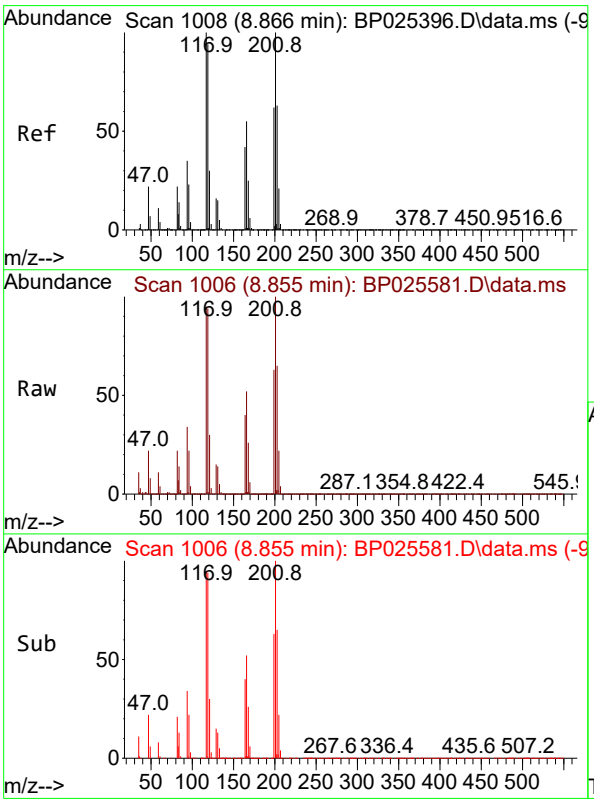
#17
2-Methylphenol
Concen: 41.006 ng
RT: 8.231 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:107 Resp: 591057

Ion	Ratio	Lower	Upper
107	100		
108	112.1	89.4	134.0
77	44.8	36.3	54.5
79	44.7	36.6	54.8

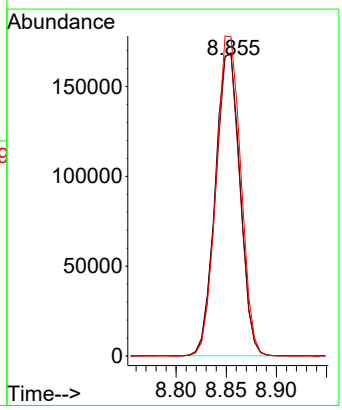


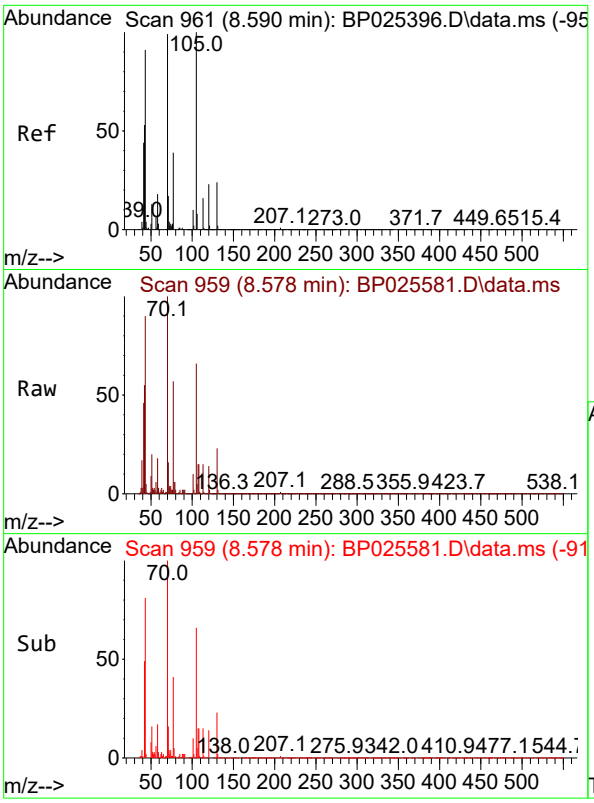


#18
Hexachloroethane
Concen: 40.340 ng
RT: 8.855 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:117 Resp: 291012

Ion	Ratio	Lower	Upper
117	100		
119	99.4	75.1	112.7
201	105.3	80.1	120.1



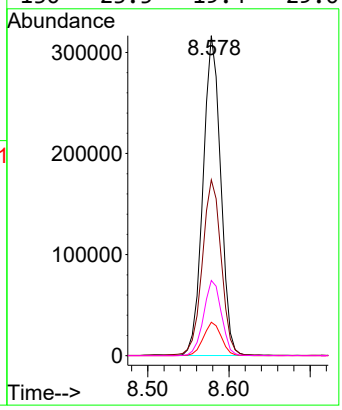


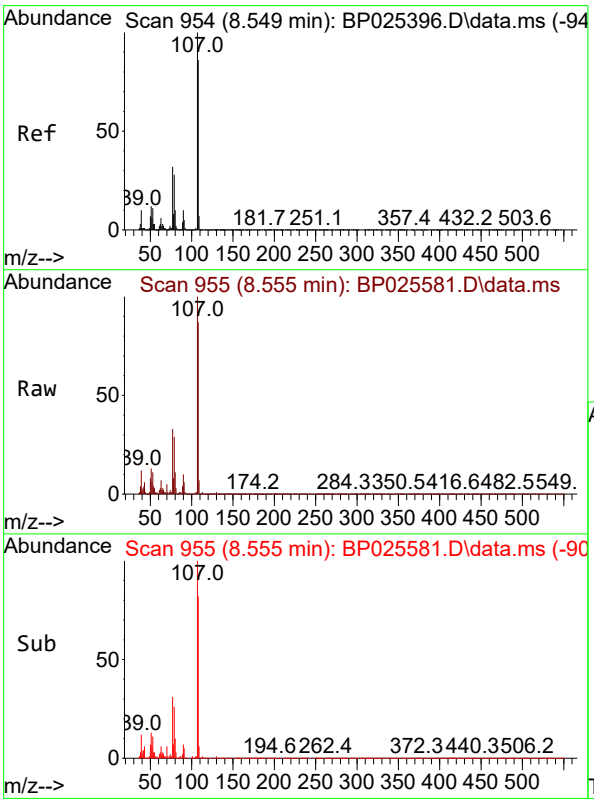
#19
n-Nitroso-di-n-propylamine
Concen: 36.451 ng
RT: 8.578 min Scan# 9
Delta R.T. -0.011 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion: 70 Resp: 477539

Ion	Ratio	Lower	Upper
70	100		
42	54.9	43.8	65.6
101	10.4	8.5	12.7
130	23.5	19.4	29.0

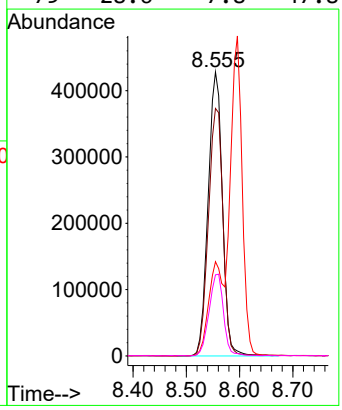


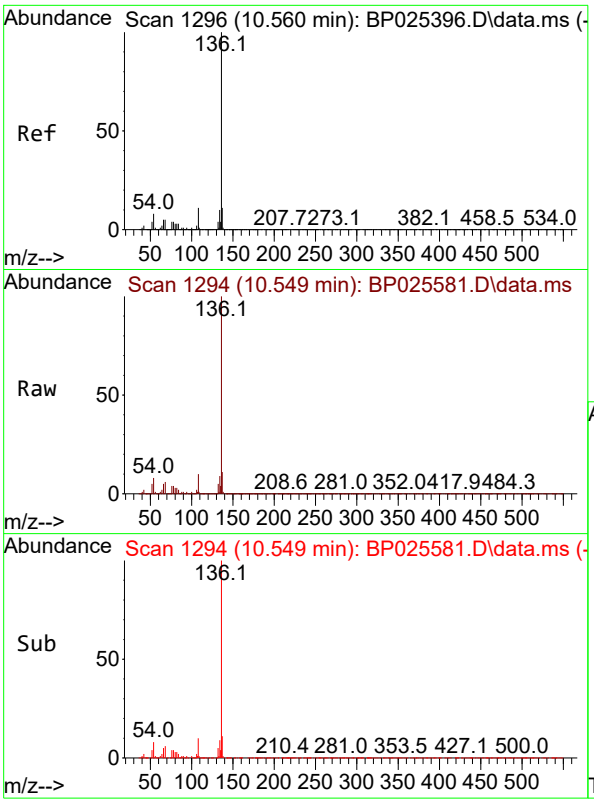


#20
3+4-Methylphenols
Concen: 39.774 ng
RT: 8.555 min Scan# 955
Delta R.T. 0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:107 Resp: 794684

Ion	Ratio	Lower	Upper
107	100		
108	87.2	66.3	106.3
77	33.2	12.3	52.3
79	28.6	7.8	47.8



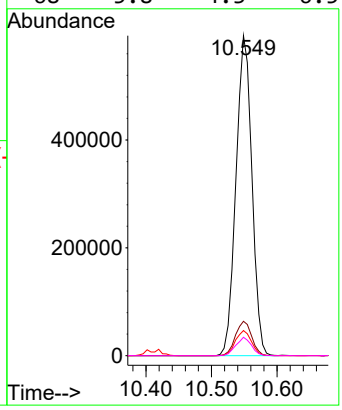


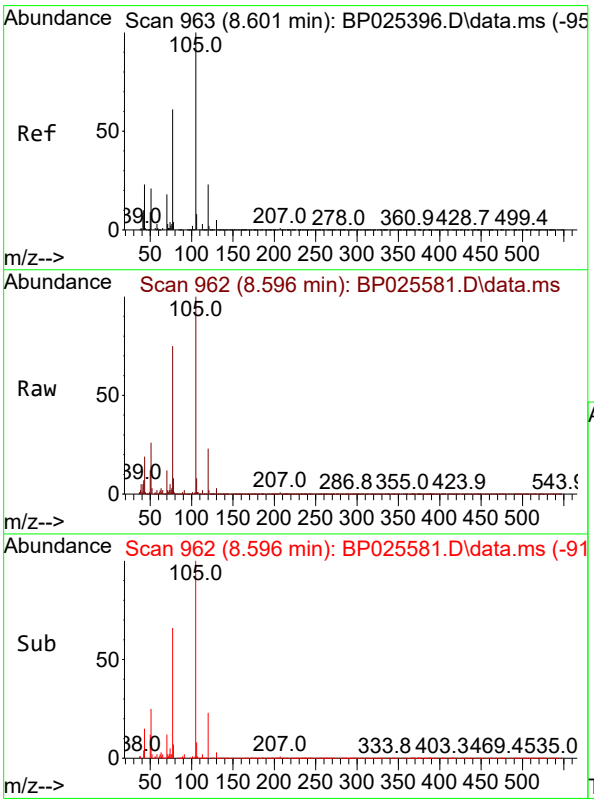
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.549 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:136 Resp: 1004578

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	7.8	6.0	9.0
68	5.8	4.3	6.5

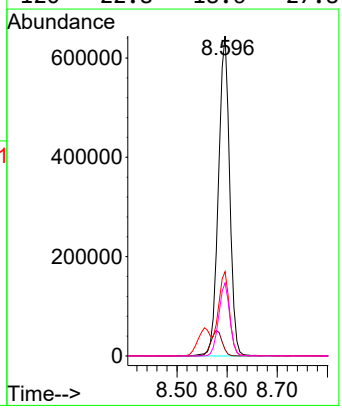


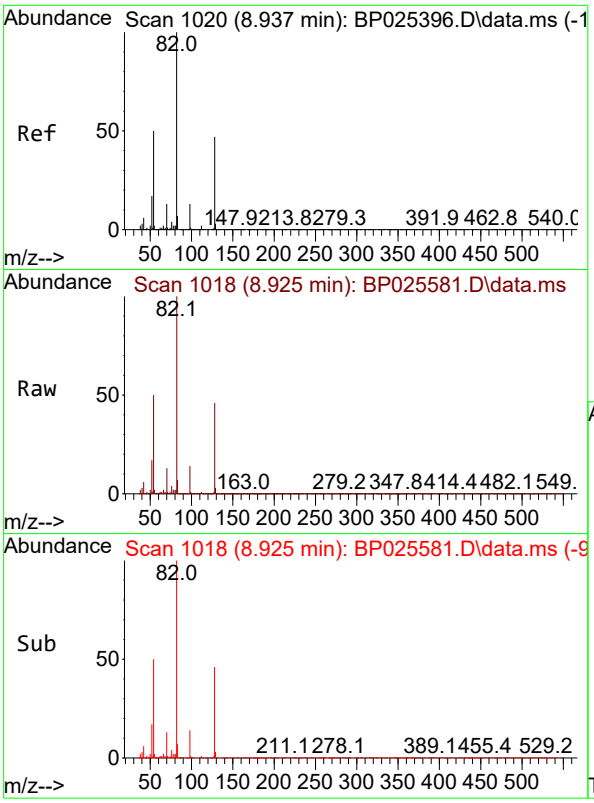


#22
Acetophenone
Concen: 39.810 ng
RT: 8.596 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:105 Resp: 1002924

Ion	Ratio	Lower	Upper
105	100		
71	2.0	2.6	4.0#
51	26.3	20.6	30.8
120	22.8	18.6	27.8



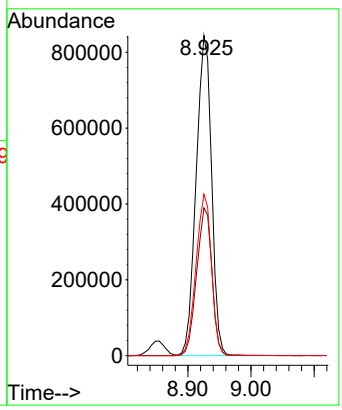


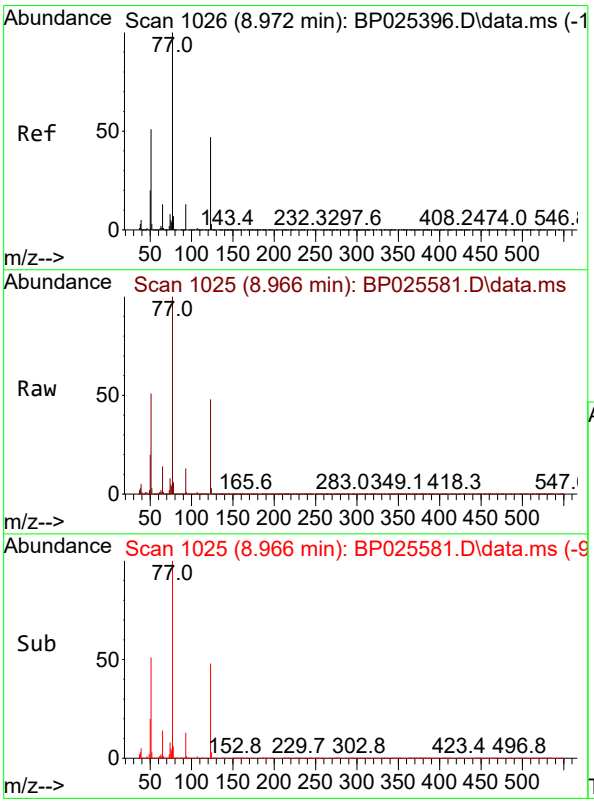
#23
Nitrobenzene-d5
Concen: 72.082 ng
RT: 8.925 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion: 82 Resp: 1431478

Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.7	56.5
54	50.5	39.8	59.6

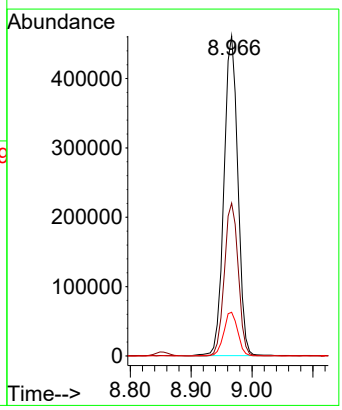


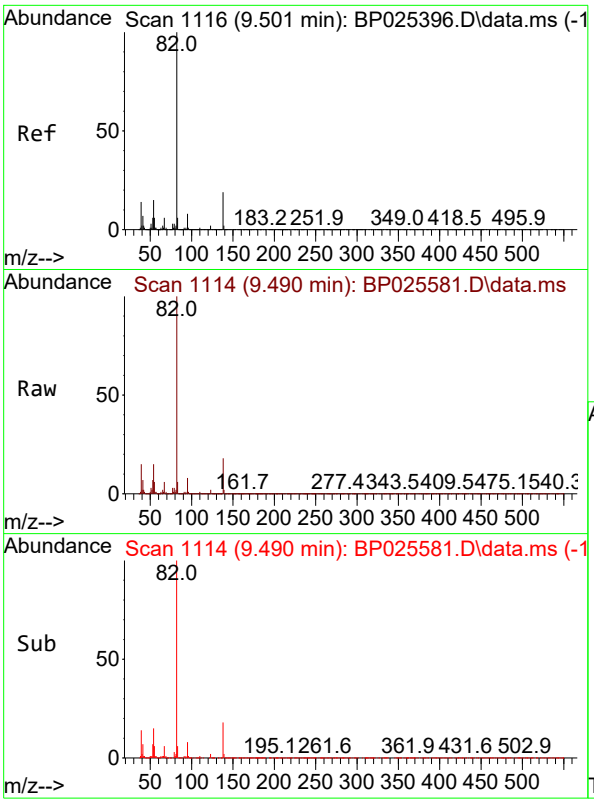


#24
Nitrobenzene
Concen: 41.133 ng
RT: 8.966 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion: 77 Resp: 730033

Ion	Ratio	Lower	Upper
77	100		
123	47.8	38.6	58.0
65	13.7	10.6	15.8



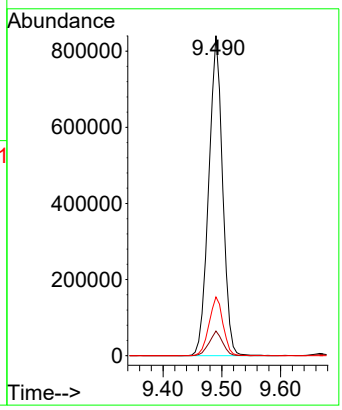


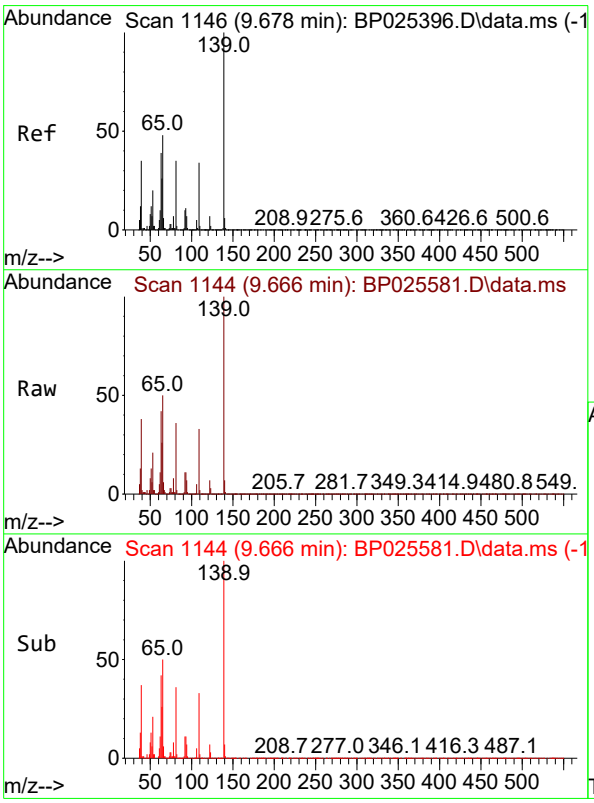
#25
Isophorone
Concen: 39.215 ng
RT: 9.490 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion: 82 Resp: 1378210

Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.4	9.6
138	18.3	15.4	23.0

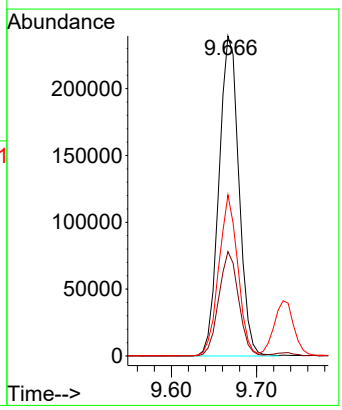


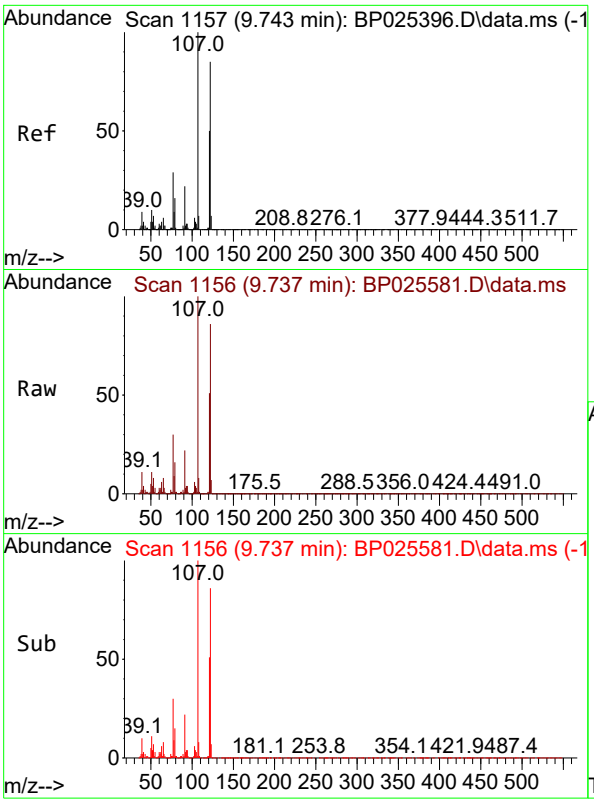


#26
2-Nitrophenol
Concen: 42.713 ng
RT: 9.666 min Scan# 1144
Delta R.T. -0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:139 Resp: 389055

Ion	Ratio	Lower	Upper
139	100		
109	32.6	26.9	40.3
65	50.3	38.3	57.5



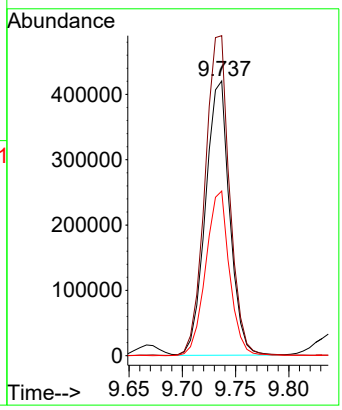


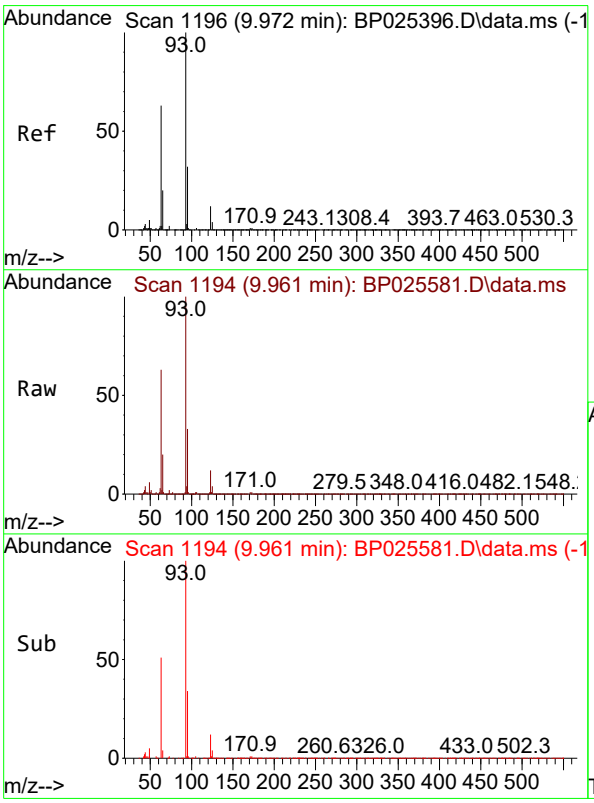
#27
2,4-Dimethylphenol
Concen: 42.307 ng
RT: 9.737 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:122 Resp: 662704

Ion	Ratio	Lower	Upper
122	100		
107	116.5	93.7	140.5
121	59.9	46.6	69.8

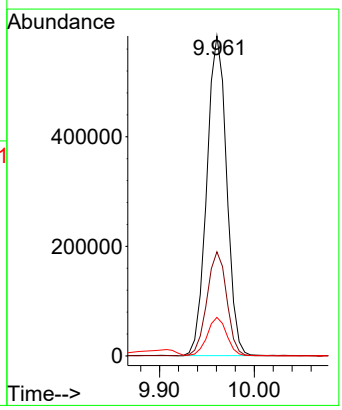


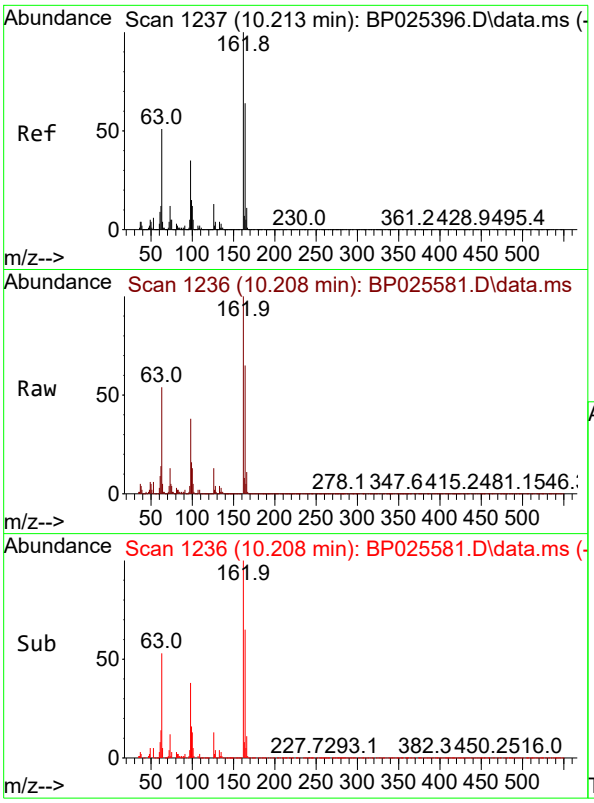


#28
bis(2-Chloroethoxy)methane
Concen: 40.052 ng
RT: 9.961 min Scan# 1194
Delta R.T. -0.011 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion: 93 Resp: 850880

Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.4	38.0
123	12.0	9.4	14.0



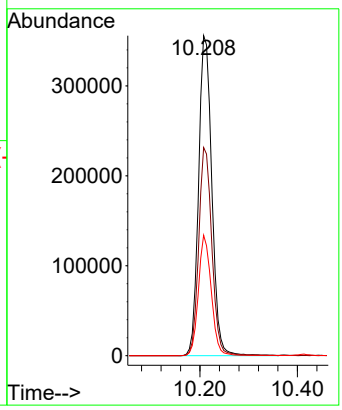


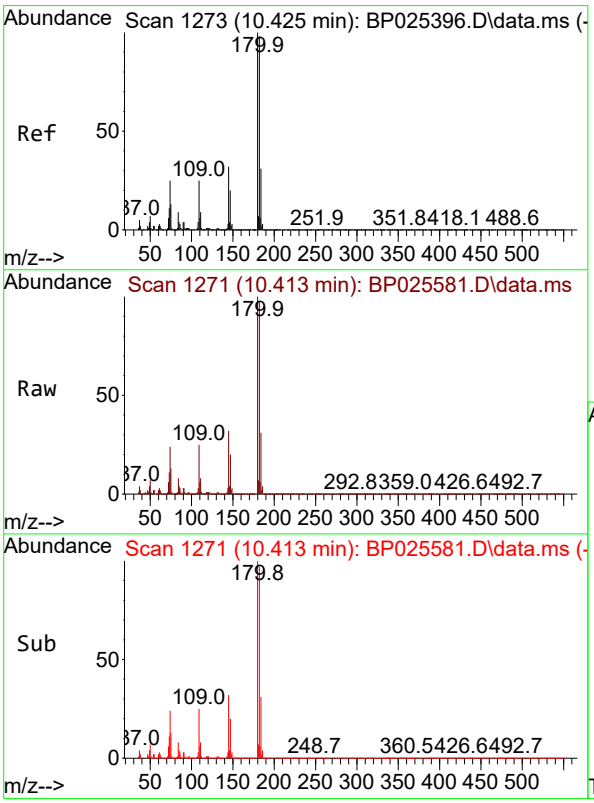
#29
2,4-Dichlorophenol
Concen: 43.252 ng
RT: 10.208 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:162 Resp: 673024

Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.4	84.4
98	37.7	14.9	54.9

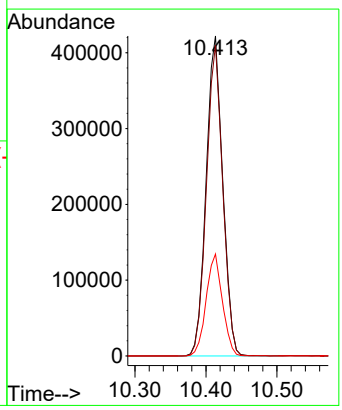


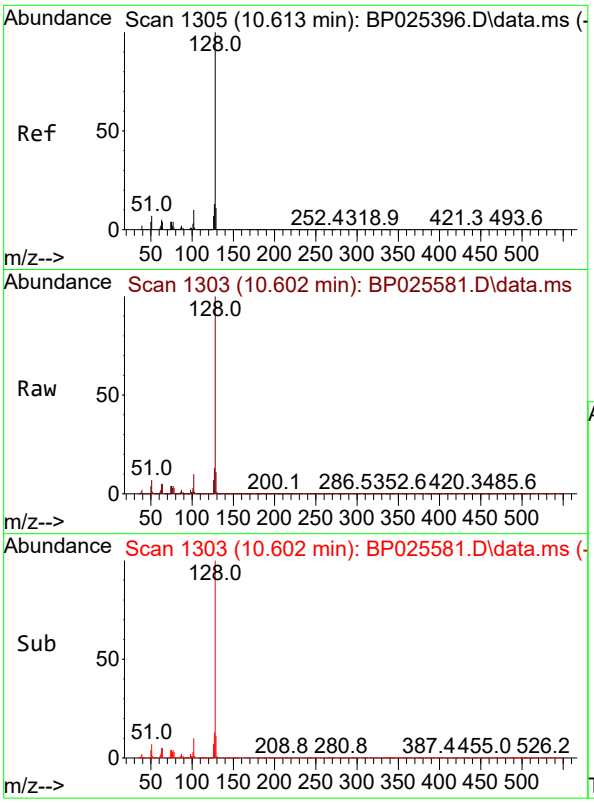


#30
1,2,4-Trichlorobenzene
Concen: 40.176 ng
RT: 10.413 min Scan# 1271
Delta R.T. -0.011 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:180 Resp: 685300

Ion	Ratio	Lower	Upper
180	100		
182	97.1	78.0	117.0
145	31.8	25.9	38.9



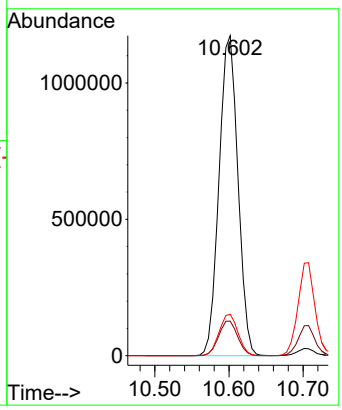


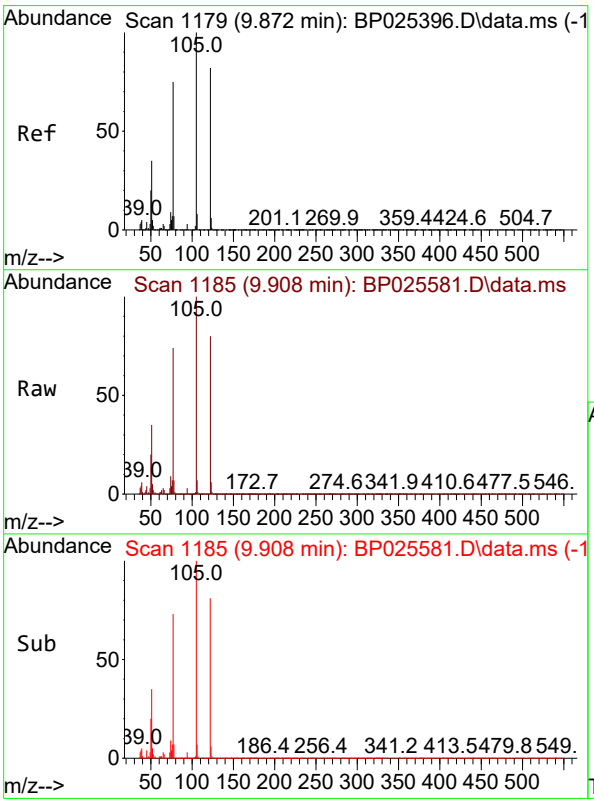
#31
Naphthalene
Concen: 39.749 ng
RT: 10.602 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:128 Resp: 2075445

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	12.9	10.7	16.1

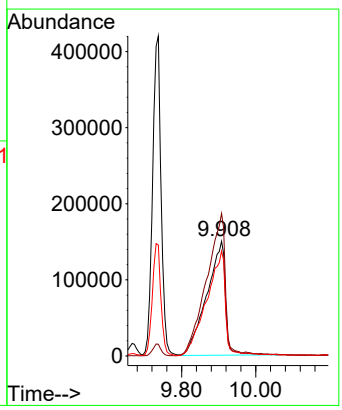


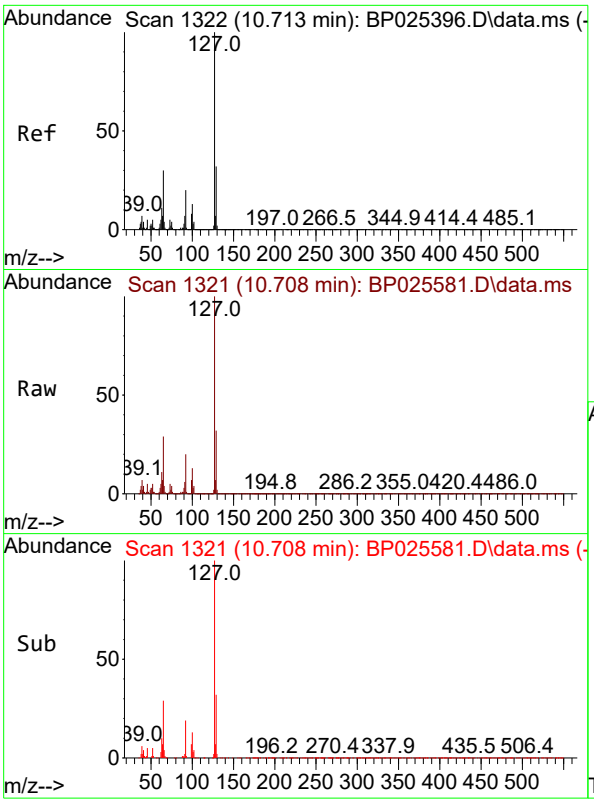


#32
Benzoic acid
Concen: 45.380 ng
RT: 9.908 min Scan# 1185
Delta R.T. 0.036 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:122 Resp: 524790

Ion	Ratio	Lower	Upper
122	100		
105	124.3	100.6	140.6
77	91.5	71.5	111.5



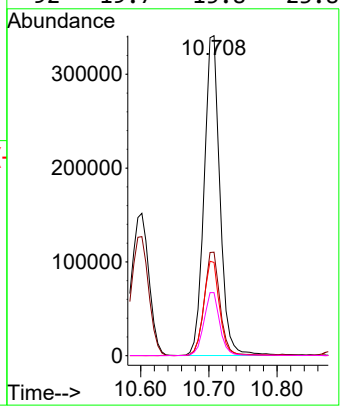


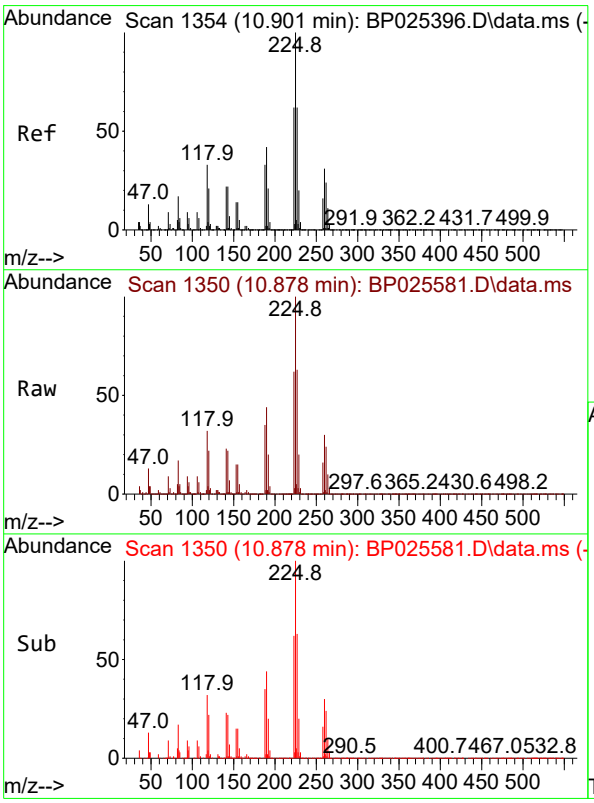
#33
4-Chloroaniline
Concen: 23.916 ng
RT: 10.708 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:127 Resp: 551600

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.4	38.2
65	29.2	23.8	35.6
92	19.7	15.8	23.8

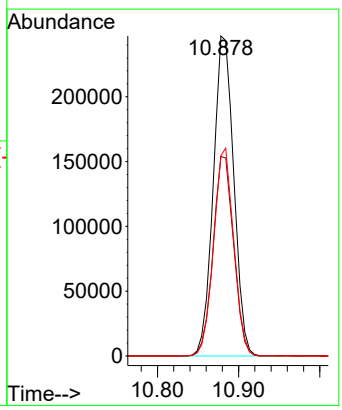


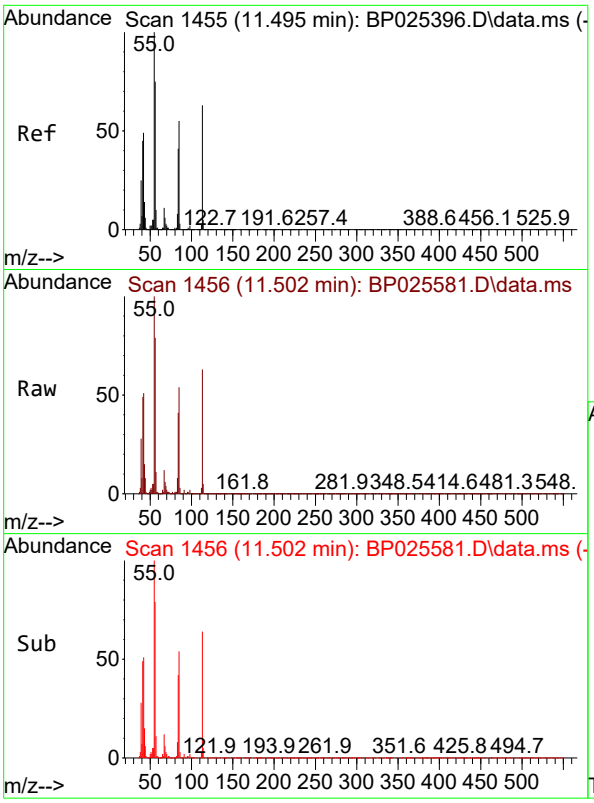


#34
Hexachlorobutadiene
Concen: 40.781 ng
RT: 10.878 min Scan# 1350
Delta R.T. -0.023 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:225 Resp: 433221

Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.0	75.0
227	62.6	49.7	74.5



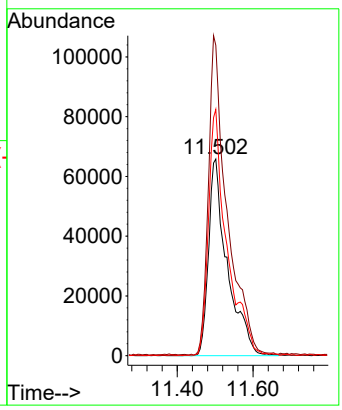


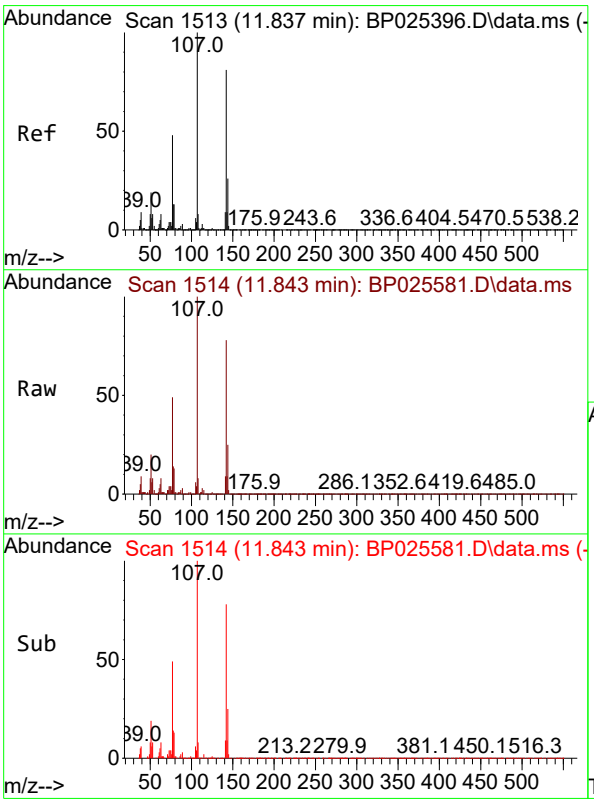
#35
Caprolactam
Concen: 39.576 ng
RT: 11.502 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:113 Resp: 225808

Ion	Ratio	Lower	Upper
113	100		
55	157.8	140.0	180.0
56	125.2	100.0	140.0

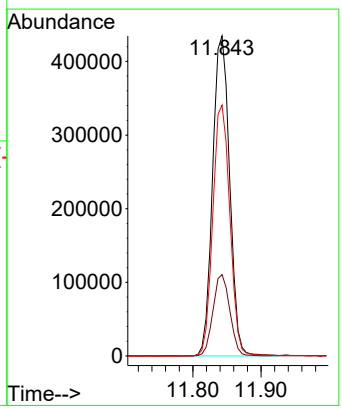


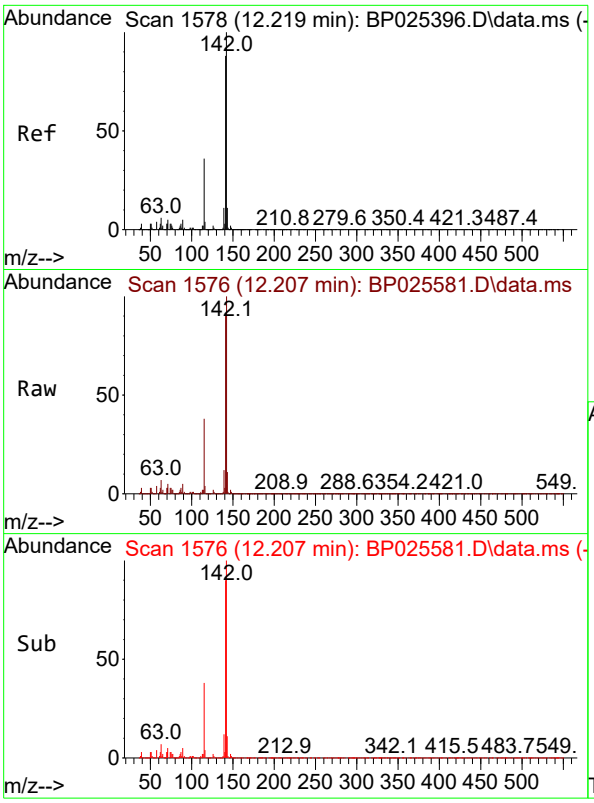


#36
4-Chloro-3-methylphenol
Concen: 42.289 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:107 Resp: 755078

Ion	Ratio	Lower	Upper
107	100		
144	25.4	21.0	31.4
142	78.4	64.6	97.0



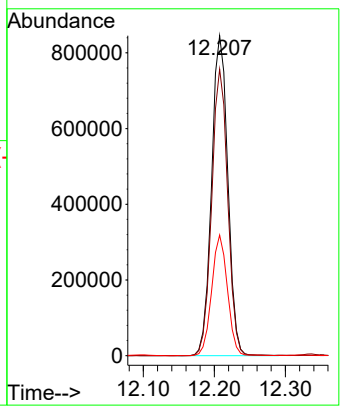


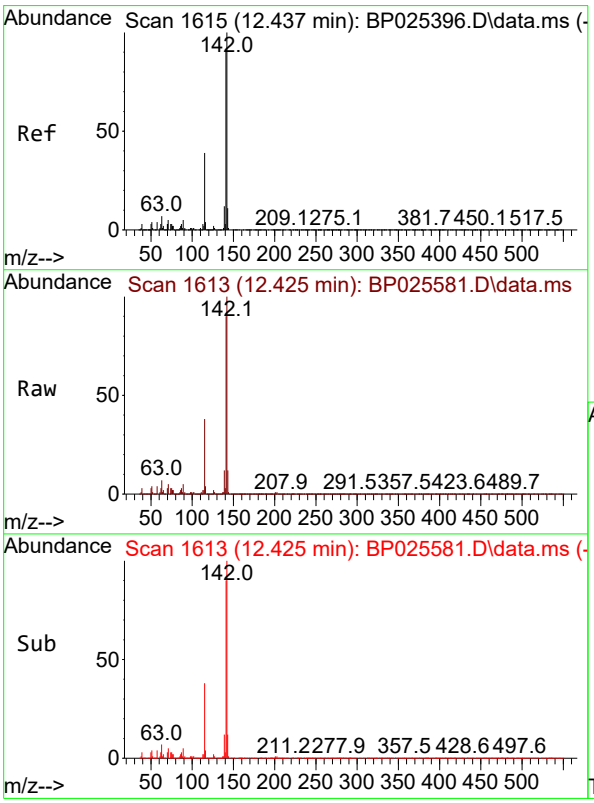
#37
2-Methylnaphthalene
Concen: 39.416 ng
RT: 12.207 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:142 Resp: 1339301

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.3	105.5
115	37.7	28.9	43.3

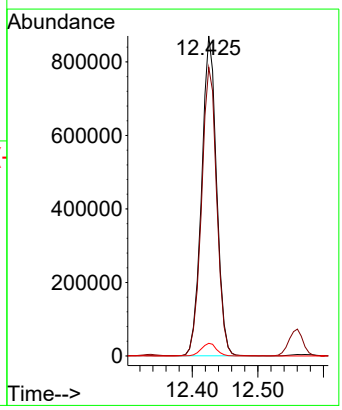


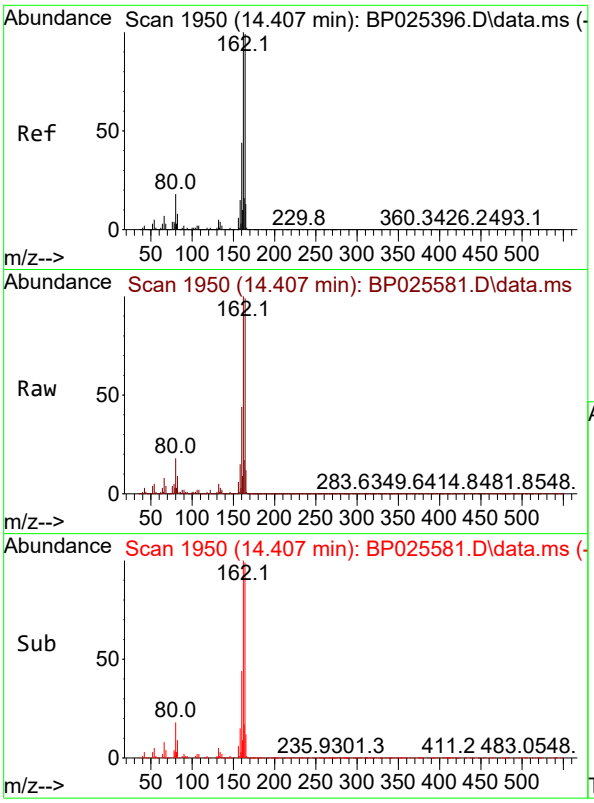


#38
1-Methylnaphthalene
Concen: 38.233 ng
RT: 12.425 min Scan# 1613
Delta R.T. -0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:142 Resp: 1381572

Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.1	109.7
116	4.0	3.2	4.8



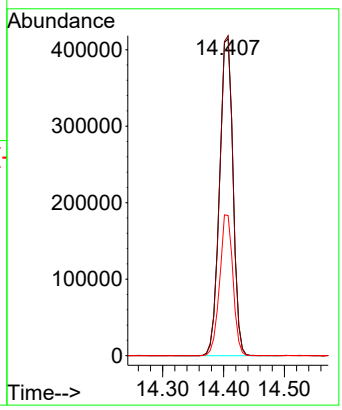


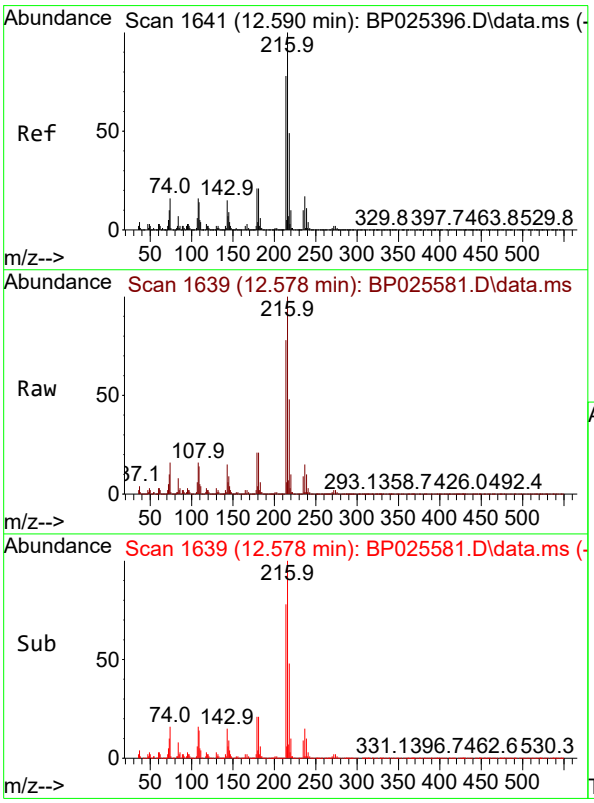
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:164 Resp: 636349

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.0	121.6
160	44.2	35.4	53.2

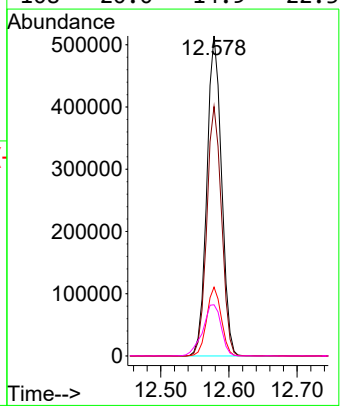


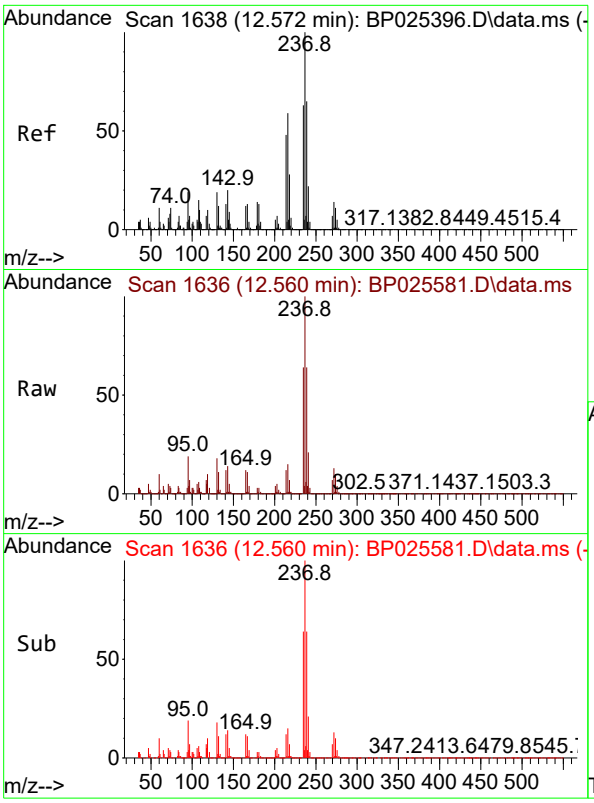


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.964 ng
RT: 12.578 min Scan# 1639
Delta R.T. -0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:216 Resp: 771235

Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.0	94.4
179	21.3	17.1	25.7
108	20.0	14.9	22.3



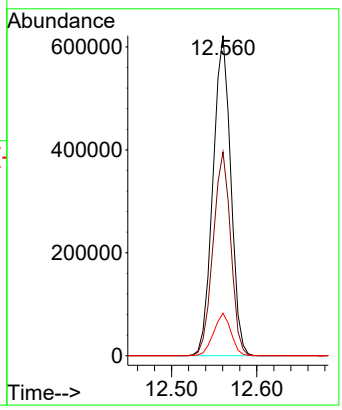


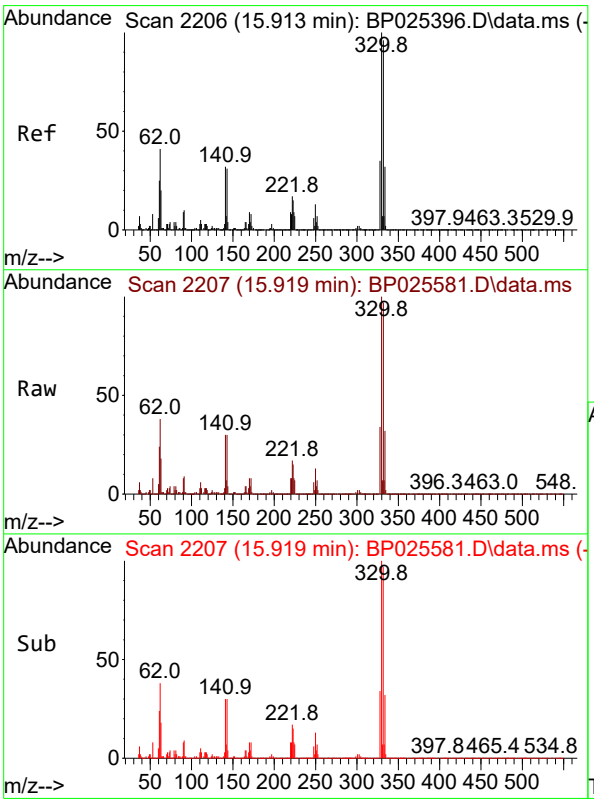
#41
Hexachlorocyclopentadiene
Concen: 81.039 ng
RT: 12.560 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:237 Resp: 899638

Ion	Ratio	Lower	Upper
237	100		
235	63.7	42.7	82.7
272	13.3	0.0	34.0

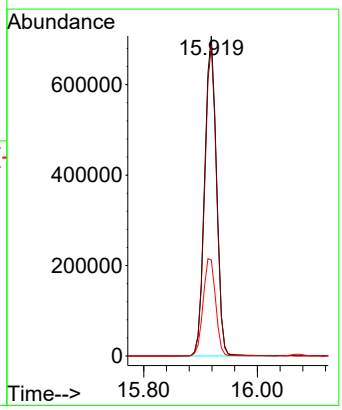


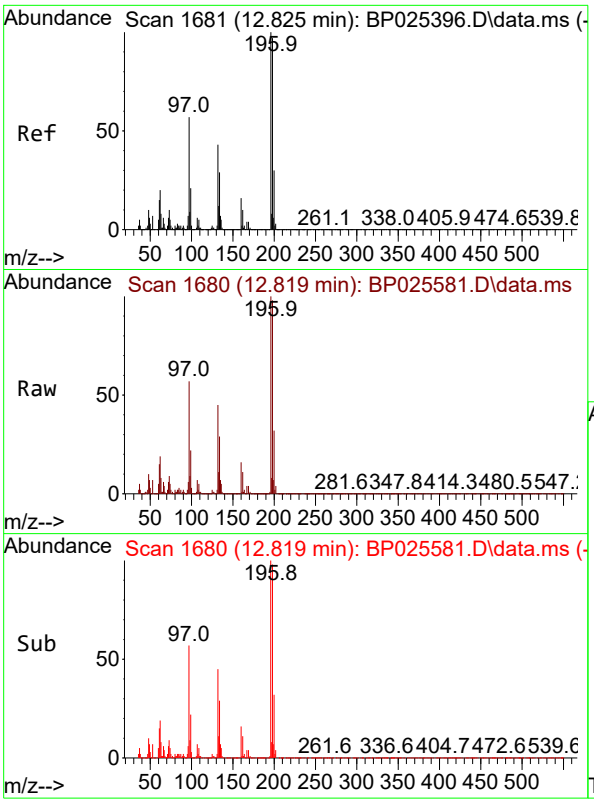


#42
2,4,6-Tribromophenol
Concen: 119.305 ng
RT: 15.919 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:330 Resp: 1021885

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	32.0	26.6	39.8



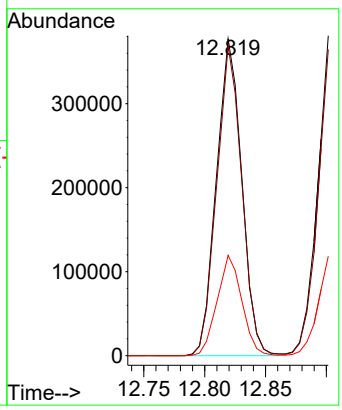


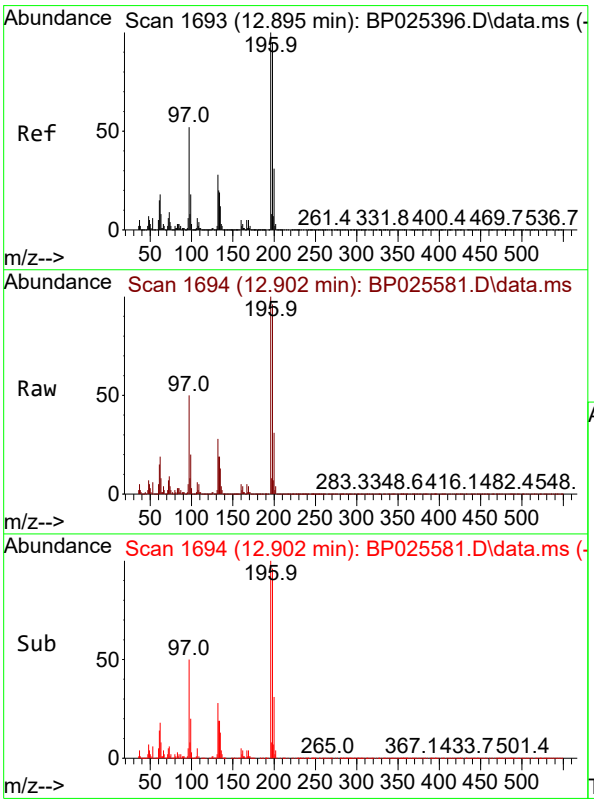
#43
2,4,6-Trichlorophenol
Concen: 44.058 ng
RT: 12.819 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:196 Resp: 546655

Ion	Ratio	Lower	Upper
196	100		
198	97.9	77.2	115.8
200	31.7	23.9	35.9

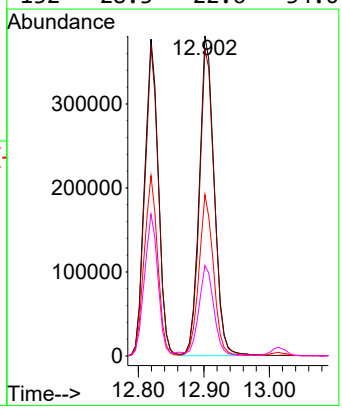


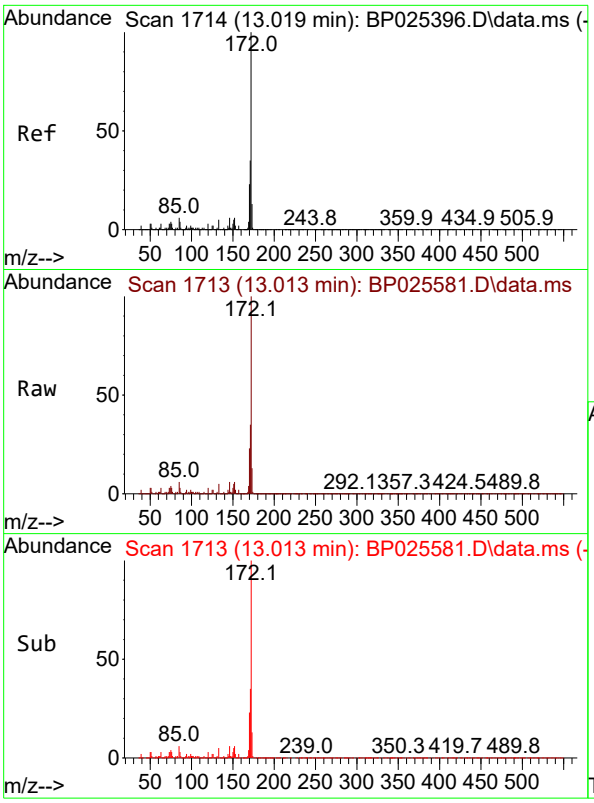


#44
2,4,5-Trichlorophenol
Concen: 44.621 ng
RT: 12.902 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:196 Resp: 606774

Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.2	114.2
97	50.4	41.2	61.8
132	28.3	22.6	34.0



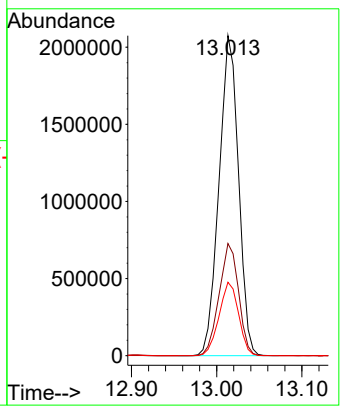


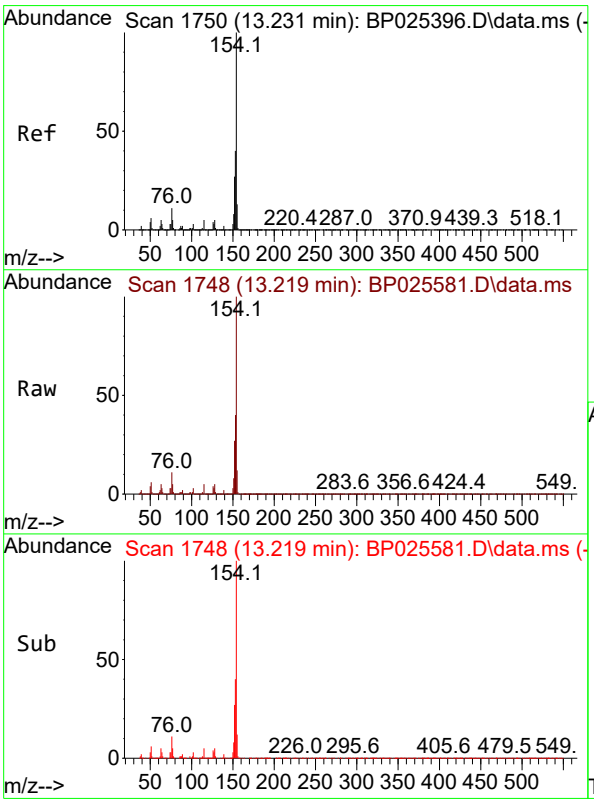
#45
2-Fluorobiphenyl
Concen: 70.859 ng
RT: 13.013 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:172 Resp: 3299304

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.1	42.1
170	22.9	18.6	28.0

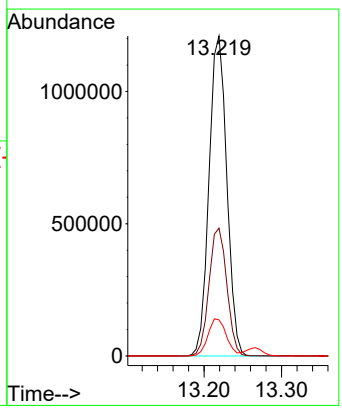


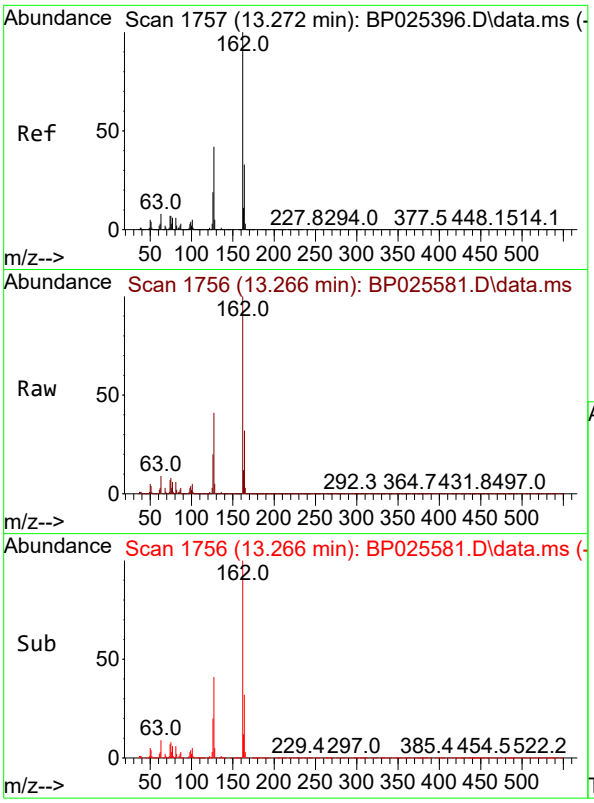


#46
1,1'-Biphenyl
Concen: 41.797 ng
RT: 13.219 min Scan# 1748
Delta R.T. -0.011 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:154 Resp: 1931665

Ion	Ratio	Lower	Upper
154	100		
153	40.0	19.5	59.5
76	11.3	0.0	31.1



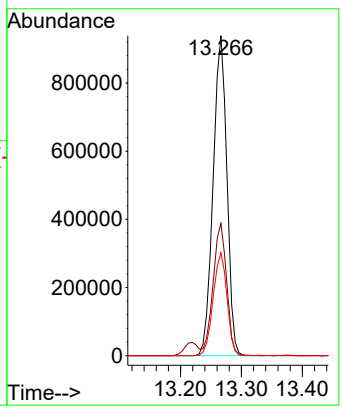


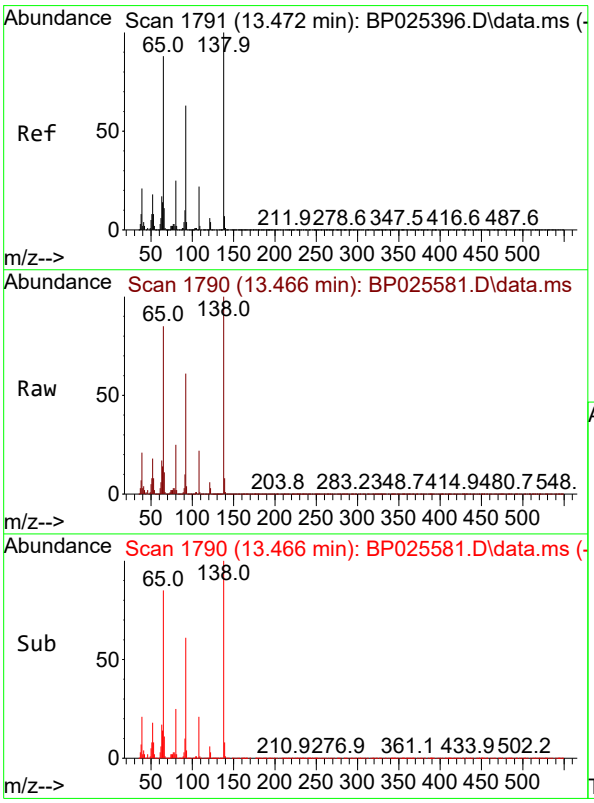
#47
2-Chloronaphthalene
Concen: 40.921 ng
RT: 13.266 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:162 Resp: 1472263

Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.4	50.2
164	32.2	26.2	39.2

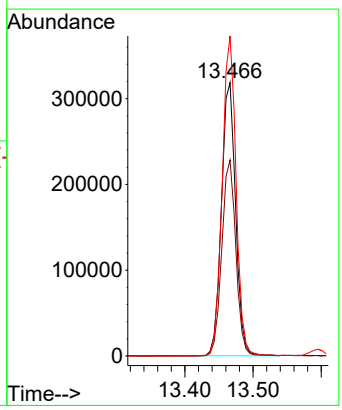


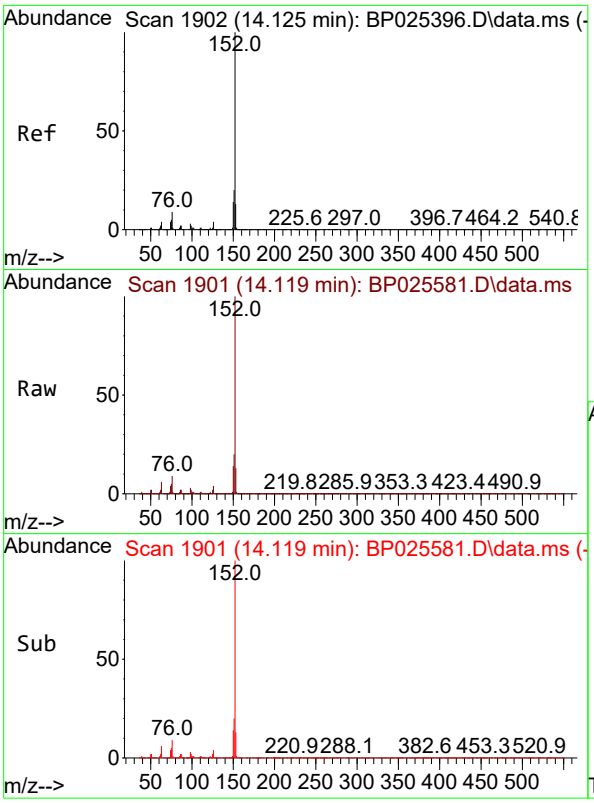


#48
2-Nitroaniline
Concen: 43.979 ng
RT: 13.466 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion: 65 Resp: 461040

Ion	Ratio	Lower	Upper
65	100		
92	71.7	57.6	86.4
138	117.0	91.0	136.6



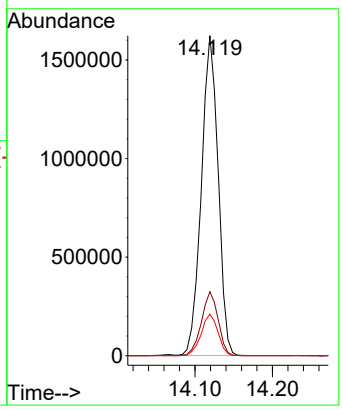


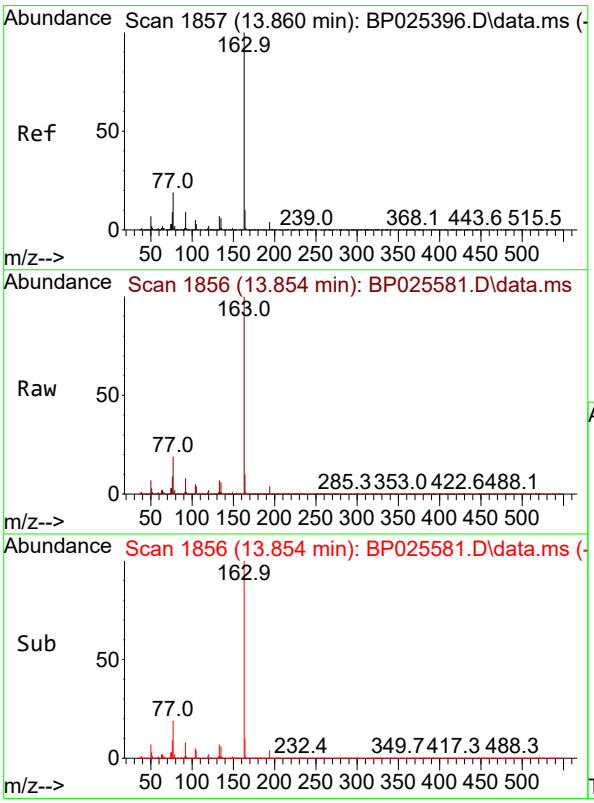
#49
Acenaphthylene
Concen: 40.912 ng
RT: 14.119 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:152 Resp: 2435658

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	12.9	10.6	15.8

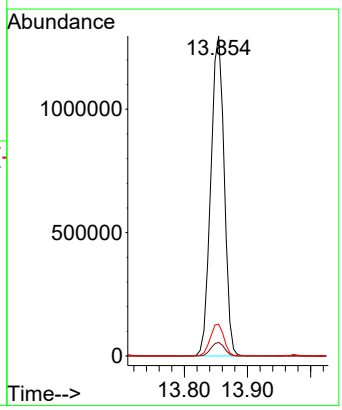


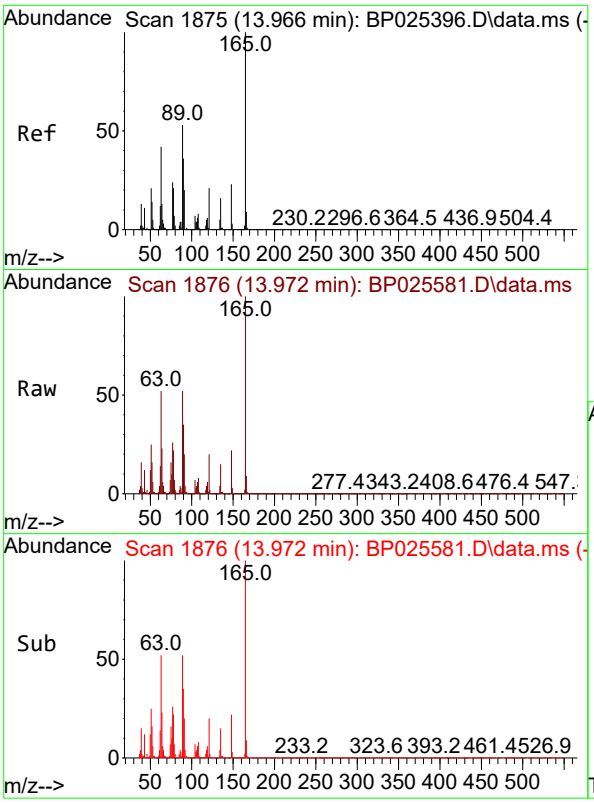


#50
Dimethylphthalate
Concen: 41.016 ng
RT: 13.854 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:163 Resp: 1911307

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	9.9	7.9	11.9



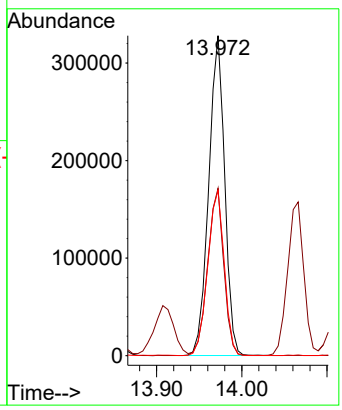


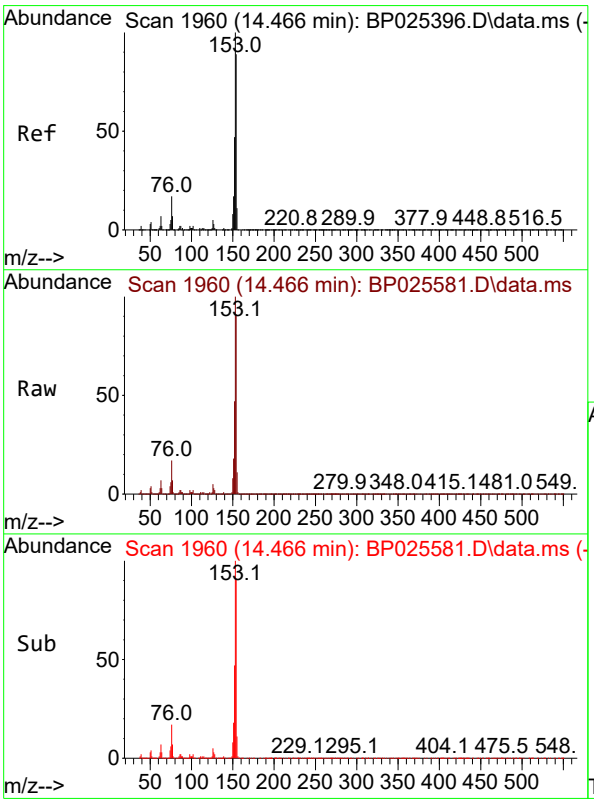
#51
2,6-Dinitrotoluene
Concen: 43.402 ng
RT: 13.972 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:165 Resp: 426287

Ion	Ratio	Lower	Upper
165	100		
63	52.3	40.9	61.3
89	51.7	42.1	63.1

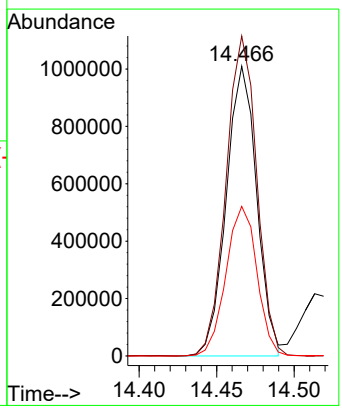


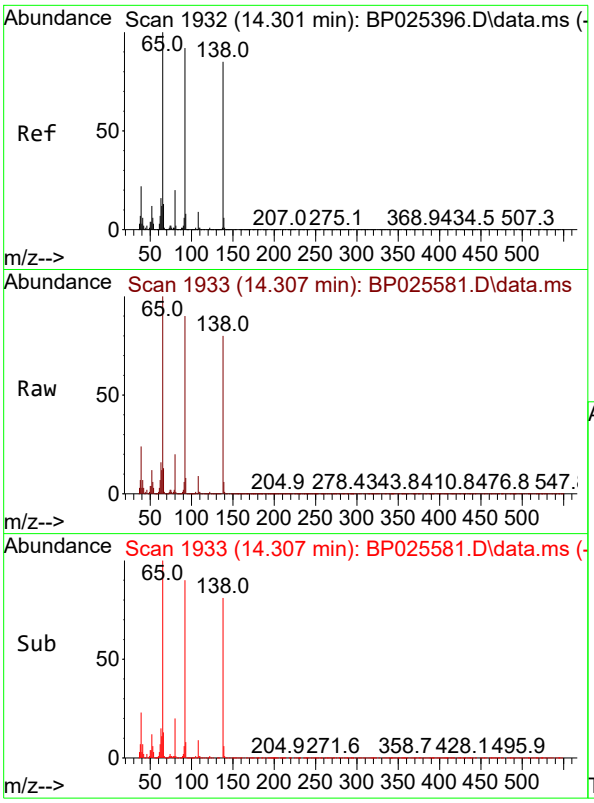


#52
Acenaphthene
Concen: 39.505 ng
RT: 14.466 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:154 Resp: 1380494

Ion	Ratio	Lower	Upper
154	100		
153	110.4	90.2	135.2
152	51.7	42.1	63.1



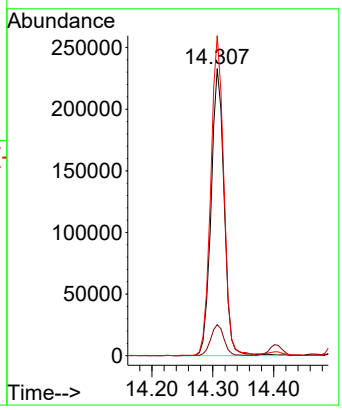


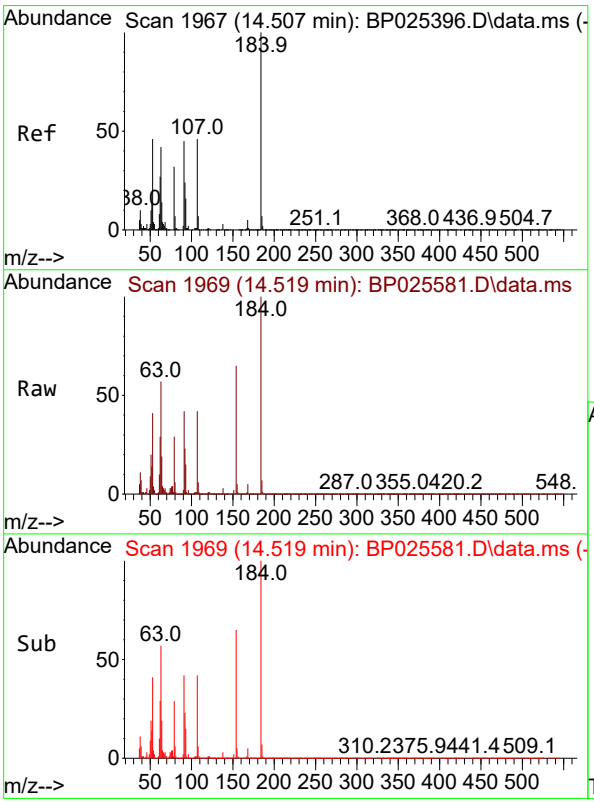
#53
3-Nitroaniline
Concen: 31.221 ng
RT: 14.307 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:138 Resp: 345007

Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.3	12.5
92	111.5	86.2	129.2

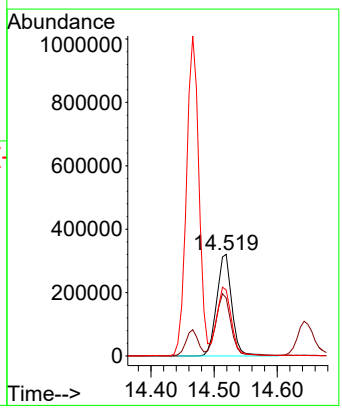


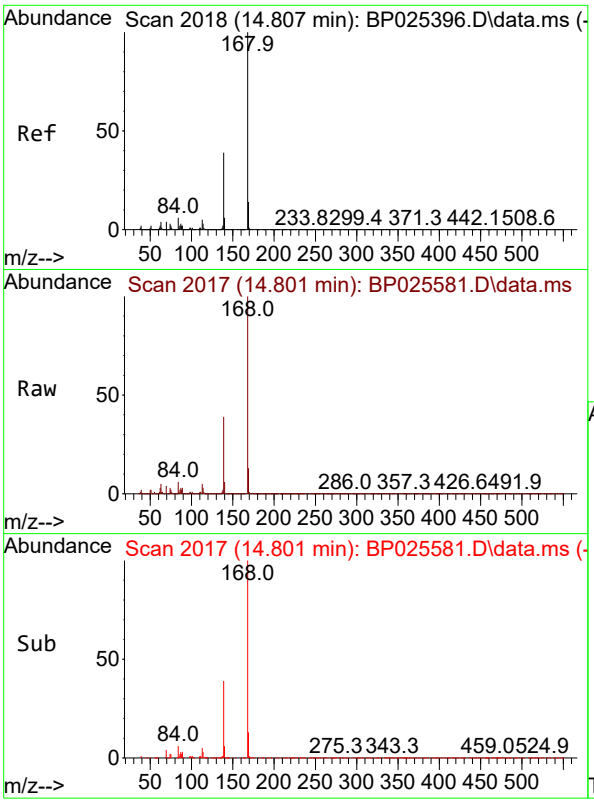


#54
2,4-Dinitrophenol
Concen: 101.778 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:184 Resp: 533837

Ion	Ratio	Lower	Upper
184	100		
63	56.9	49.4	74.2
154	64.9	54.6	82.0



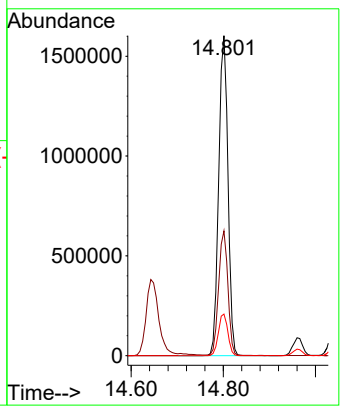


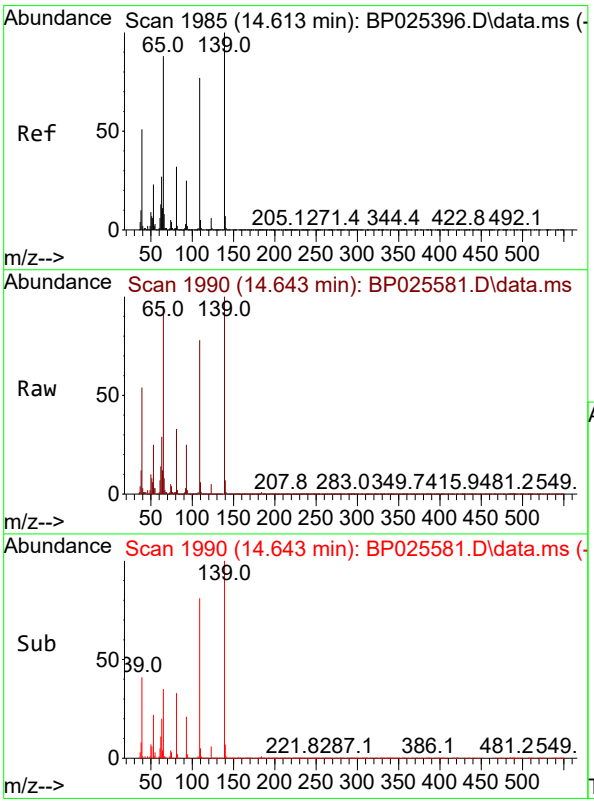
#55
Dibenzofuran
Concen: 40.227 ng
RT: 14.801 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:168 Resp: 2222480

Ion	Ratio	Lower	Upper
168	100		
139	39.0	31.5	47.3
169	13.0	10.9	16.3

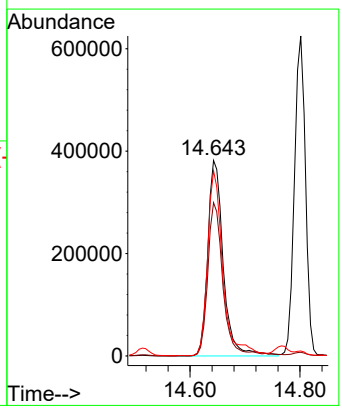


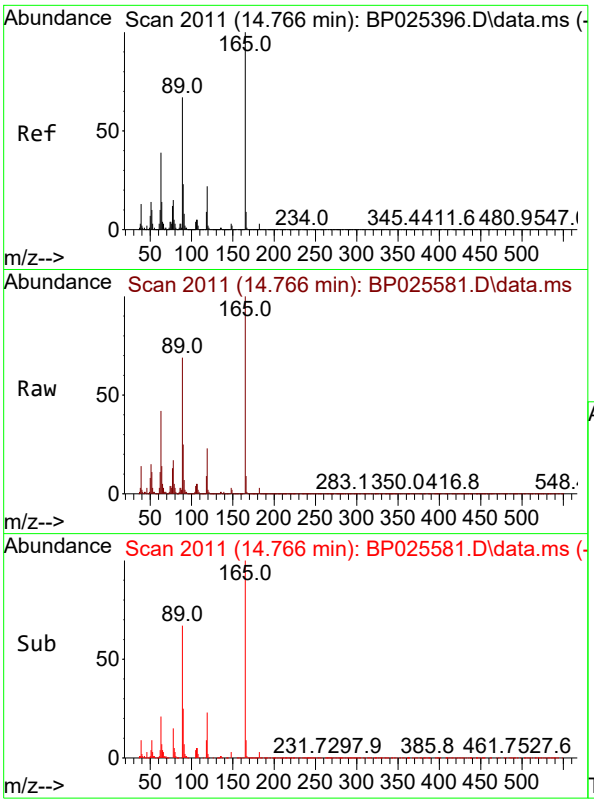


#56
4-Nitrophenol
Concen: 82.098 ng
RT: 14.643 min Scan# 1990
Delta R.T. 0.030 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:139 Resp: 745489

Ion	Ratio	Lower	Upper
139	100		
109	78.4	56.6	96.6
65	94.7	68.2	108.2



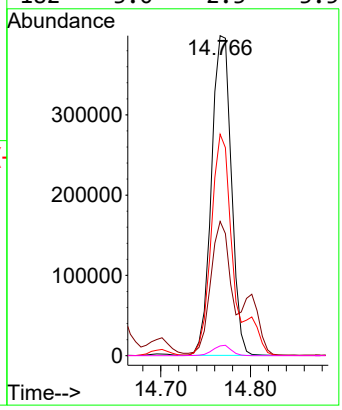


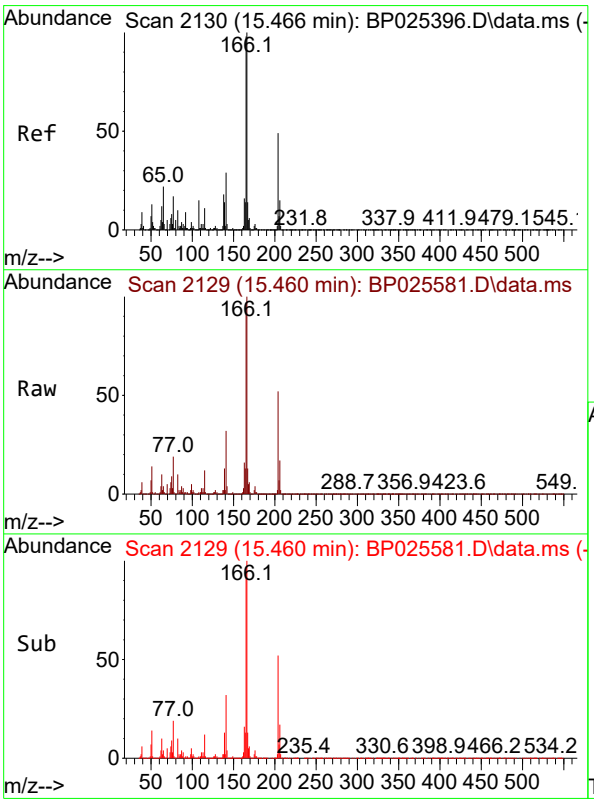
#57
2,4-Dinitrotoluene
Concen: 43.652 ng
RT: 14.766 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:165 Resp: 611705

Ion	Ratio	Lower	Upper
165	100		
63	42.0	31.4	47.2
89	69.2	53.3	79.9
182	3.0	2.3	3.5

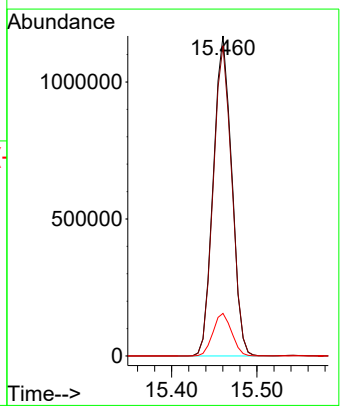


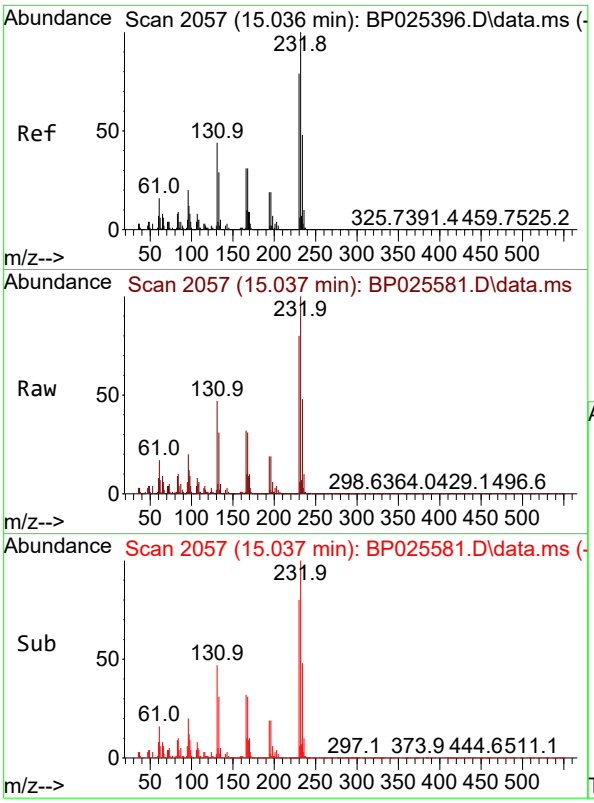


#58
Fluorene
Concen: 40.236 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:166 Resp: 1754062

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.8	118.2
167	13.3	11.0	16.4



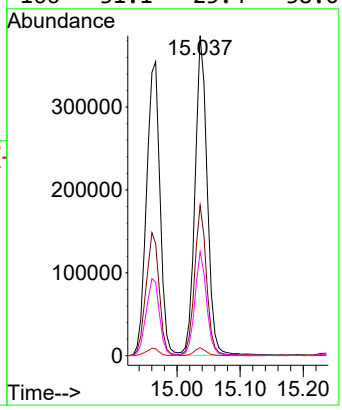


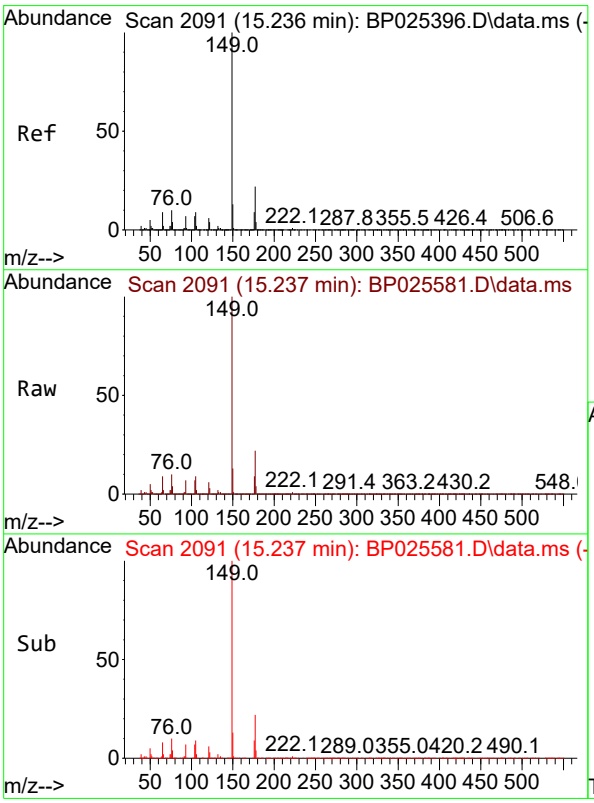
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.035 ng
RT: 15.037 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:232 Resp: 516718

Ion	Ratio	Lower	Upper
232	100		
131	45.5	37.0	55.6
130	2.4	1.9	2.9
166	31.1	25.4	38.0

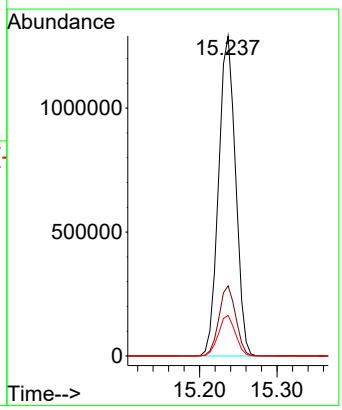


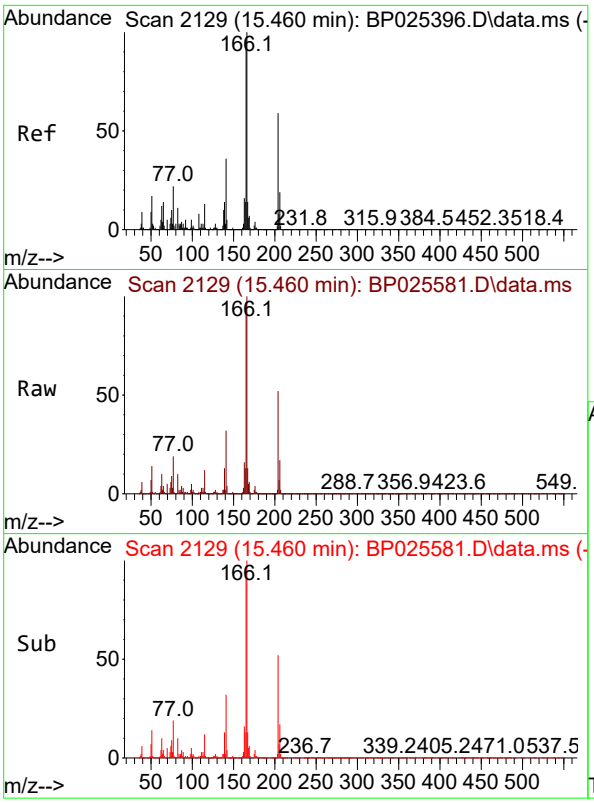


#60
Diethylphthalate
Concen: 41.478 ng
RT: 15.237 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:149 Resp: 1963954

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.3	25.9
150	12.6	10.3	15.5



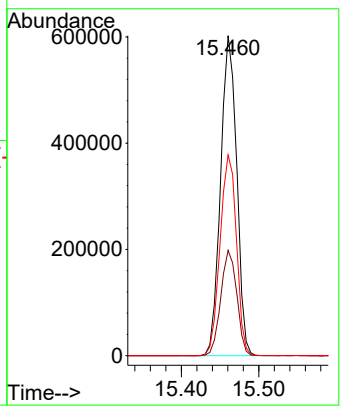


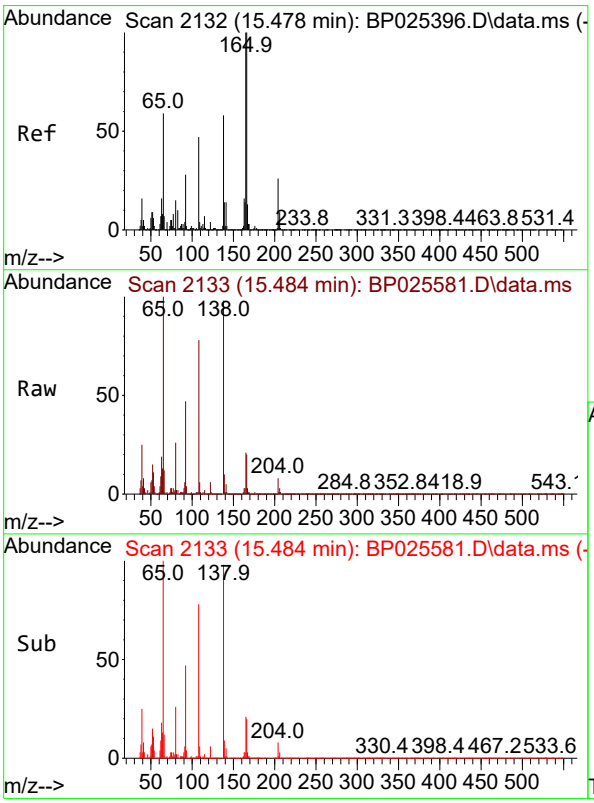
#61
4-Chlorophenyl-phenylether
Concen: 40.107 ng
RT: 15.460 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:204 Resp: 869582

Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.8	38.8
141	62.8	49.4	74.2

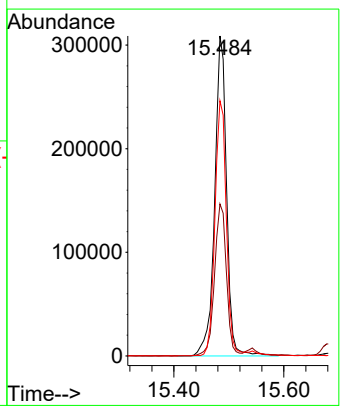


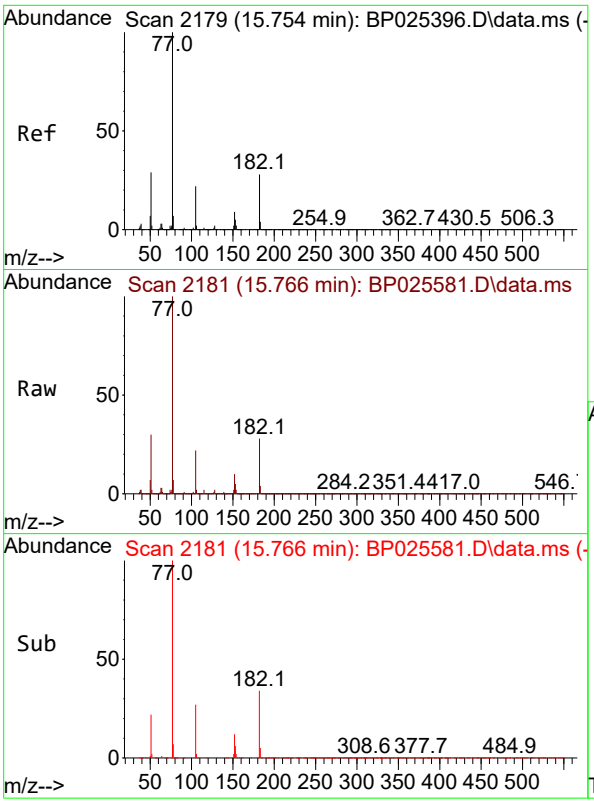


#62
4-Nitroaniline
Concen: 41.087 ng
RT: 15.484 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:138 Resp: 465461

Ion	Ratio	Lower	Upper
138	100		
92	47.5	29.1	69.1
108	79.8	61.5	101.5



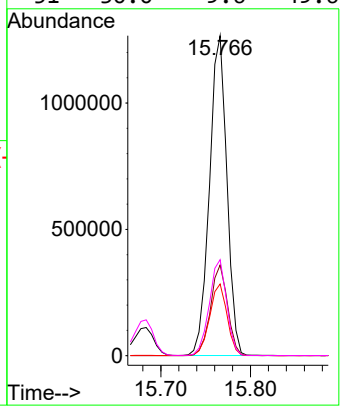


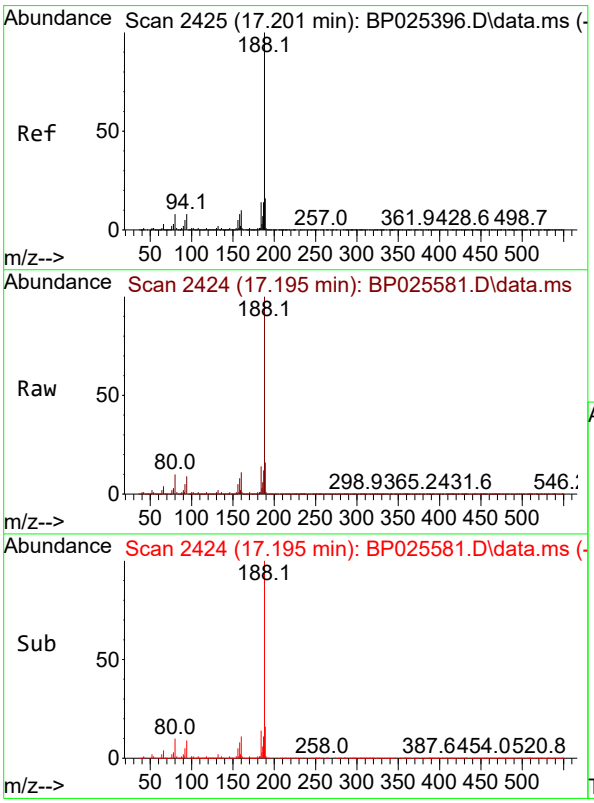
#63
Azobenzene
Concen: 42.069 ng
RT: 15.766 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion: 77 Resp: 1705622

Ion	Ratio	Lower	Upper
77	100		
182	28.4	7.5	47.5
105	22.4	2.1	42.1
51	30.0	9.6	49.6

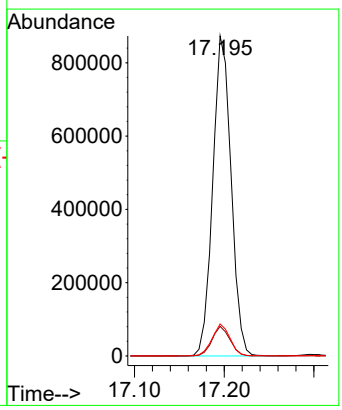


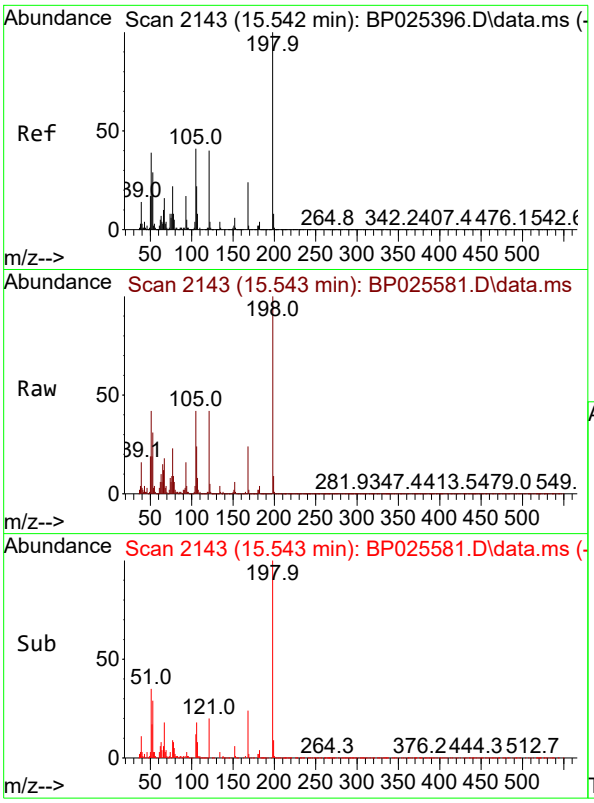


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:188 Resp: 1239646

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.6	10.0
80	10.0	6.7	10.1



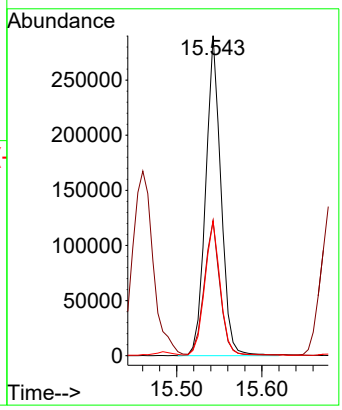


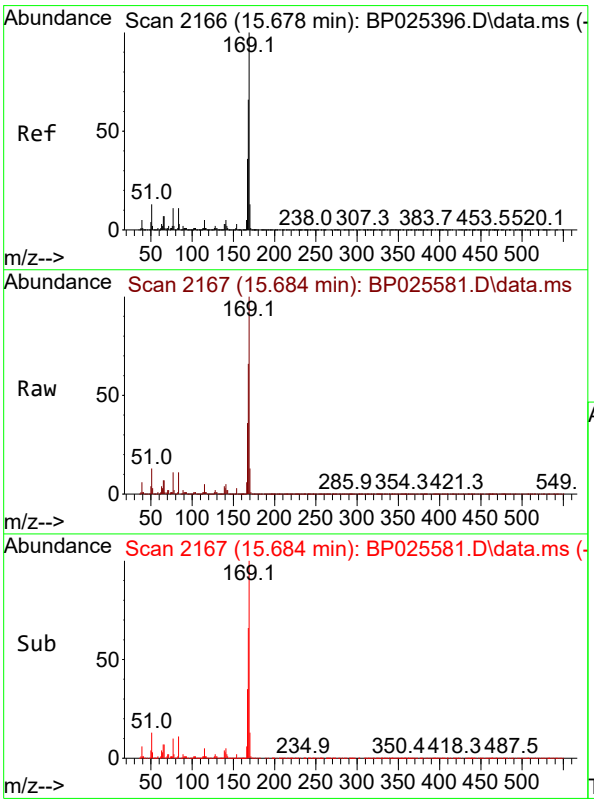
#65
4,6-Dinitro-2-methylphenol
Concen: 46.660 ng
RT: 15.543 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:198 Resp: 360561

Ion	Ratio	Lower	Upper
198	100		
51	42.1	19.6	59.6
105	42.1	20.9	60.9

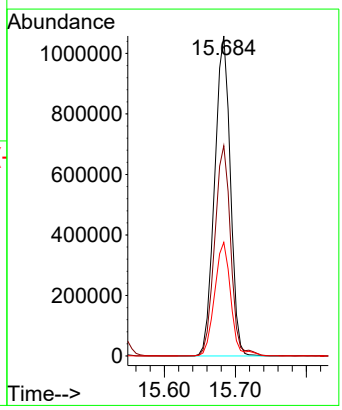


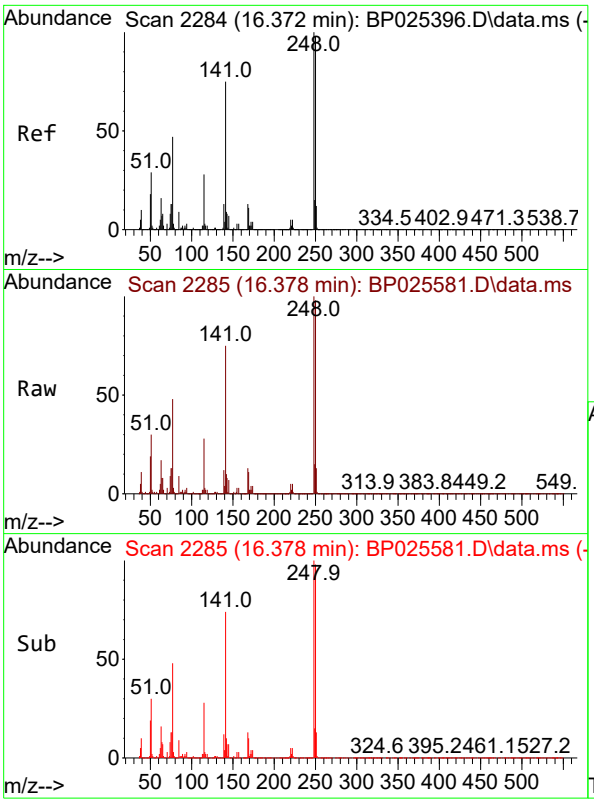


#66
n-Nitrosodiphenylamine
Concen: 42.792 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:169 Resp: 1617614

Ion	Ratio	Lower	Upper
169	100		
168	65.7	53.2	79.8
167	35.5	28.7	43.1



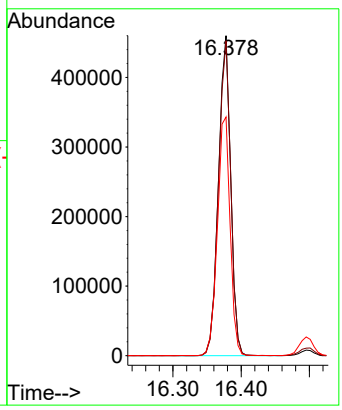


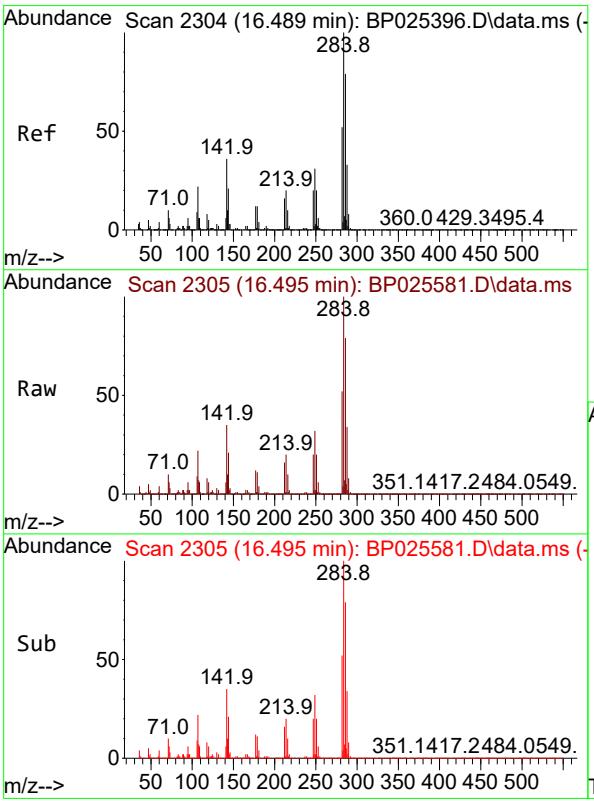
#67
4-Bromophenyl-phenylether
Concen: 42.249 ng
RT: 16.378 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:248 Resp: 576012

Ion	Ratio	Lower	Upper
248	100		
250	98.4	78.2	117.2
141	74.6	59.6	89.4

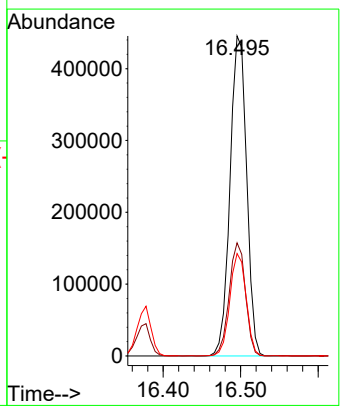


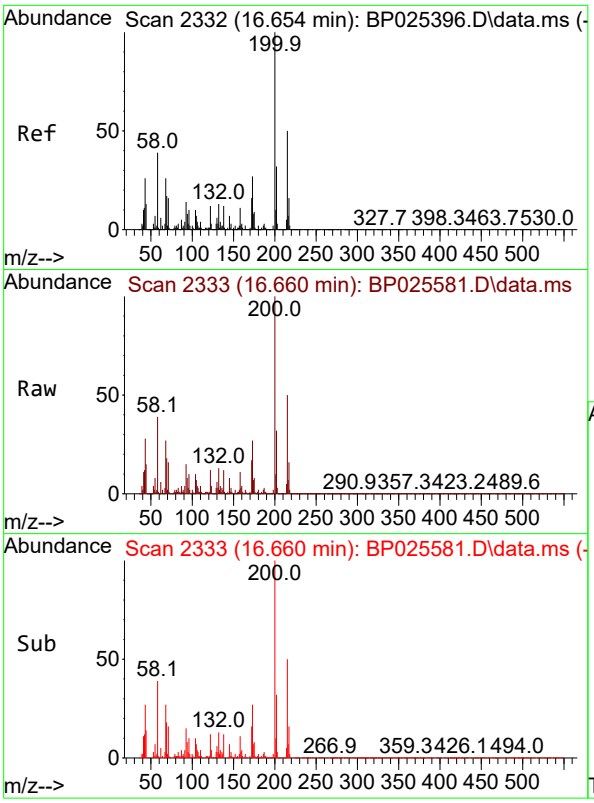


#68
Hexachlorobenzene
Concen: 42.026 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:284 Resp: 664199

Ion	Ratio	Lower	Upper
284	100		
142	35.3	29.1	43.7
249	32.0	25.0	37.4



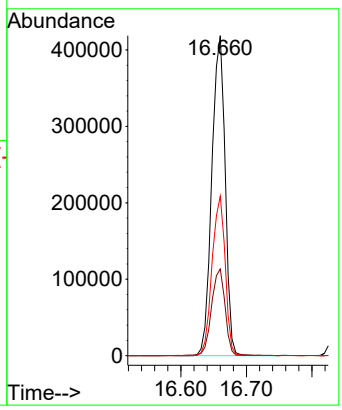


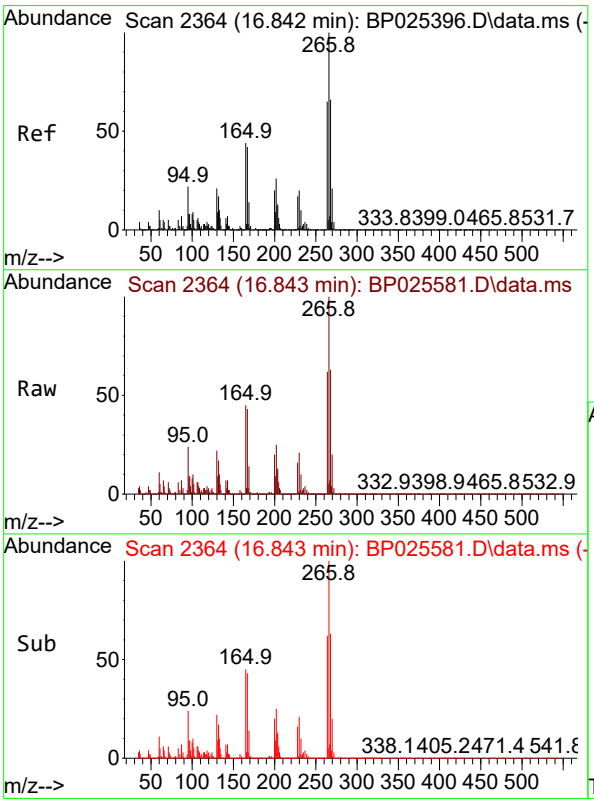
#69
Atrazine
Concen: 41.719 ng
RT: 16.660 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:200 Resp: 590609

Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.7	46.7
215	49.9	29.7	69.7

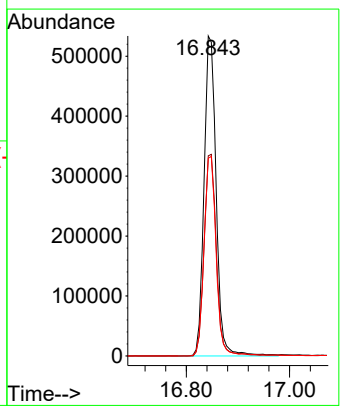


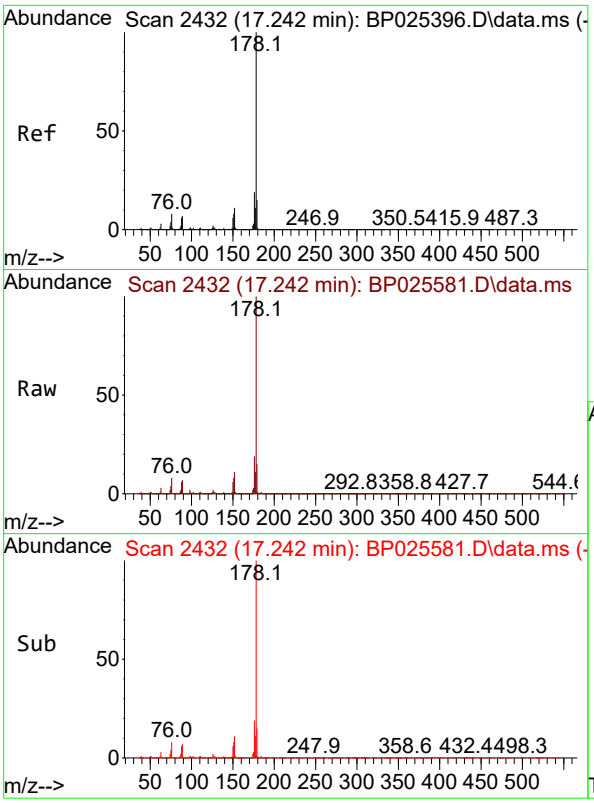


#70
Pentachlorophenol
Concen: 86.886 ng
RT: 16.843 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:266 Resp: 866823

Ion	Ratio	Lower	Upper
266	100		
268	62.5	52.6	79.0
264	61.8	52.0	78.0



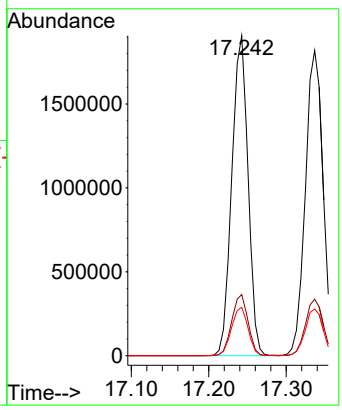


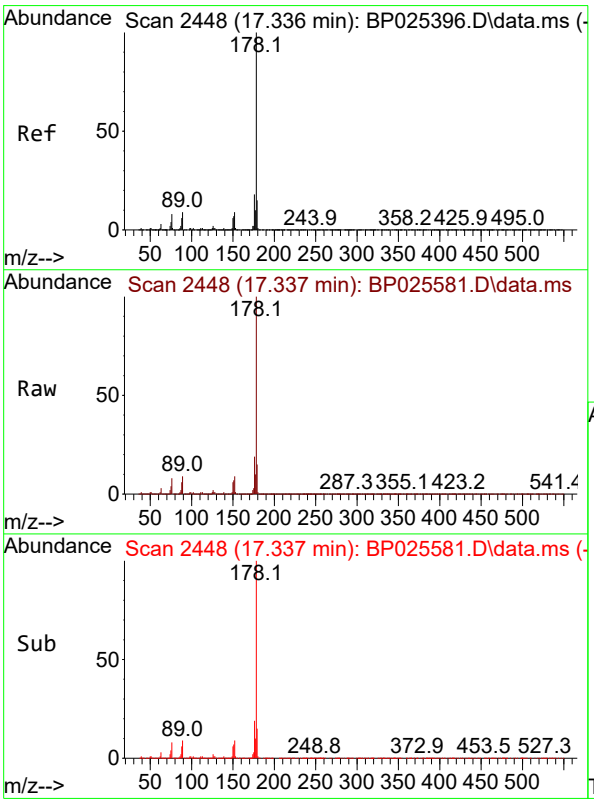
#71
Phenanthrene
Concen: 40.874 ng
RT: 17.242 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:178 Resp: 2783407

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.1	12.2	18.4

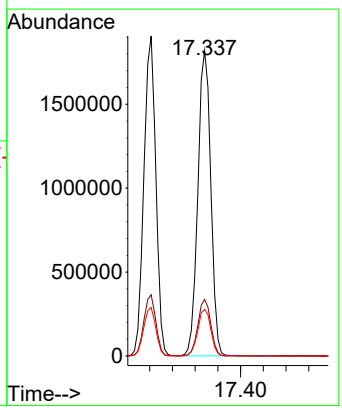


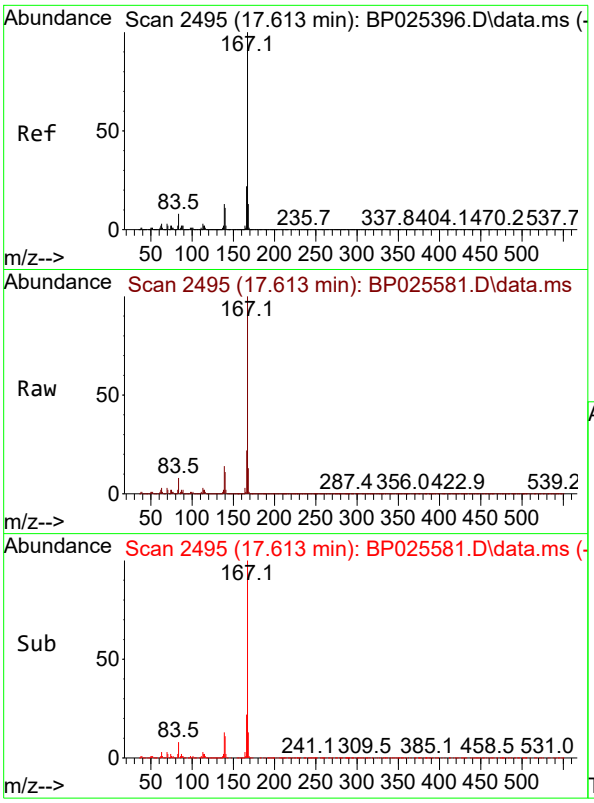


#72
Anthracene
Concen: 41.423 ng
RT: 17.337 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:178 Resp: 2880596

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	15.2	12.2	18.2



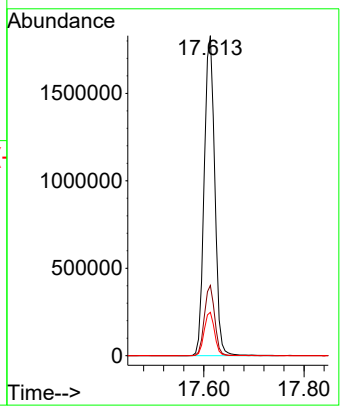


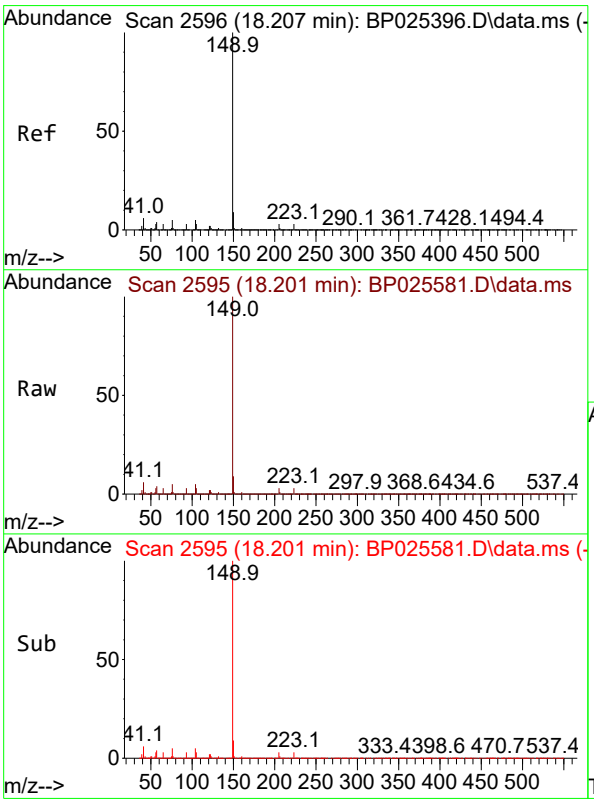
#73
Carbazole
Concen: 40.817 ng
RT: 17.613 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:167 Resp: 2673601

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.5	26.3
139	13.5	10.6	16.0

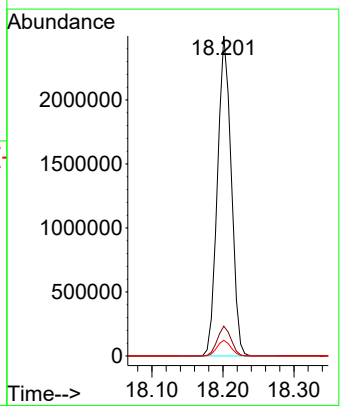


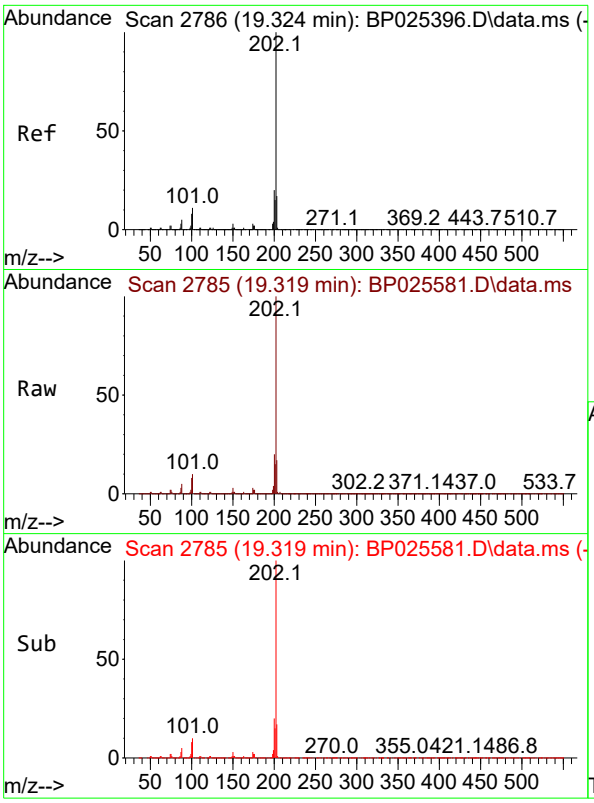


#74
Di-n-butylphthalate
Concen: 41.612 ng
RT: 18.201 min Scan# 2595
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:149 Resp: 3353500

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	4.9	4.2	6.2



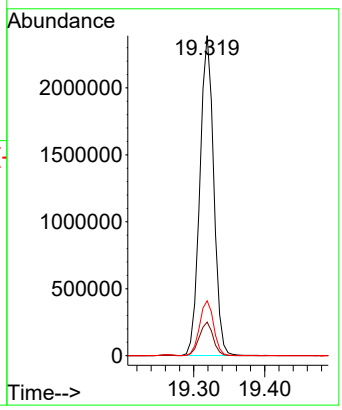


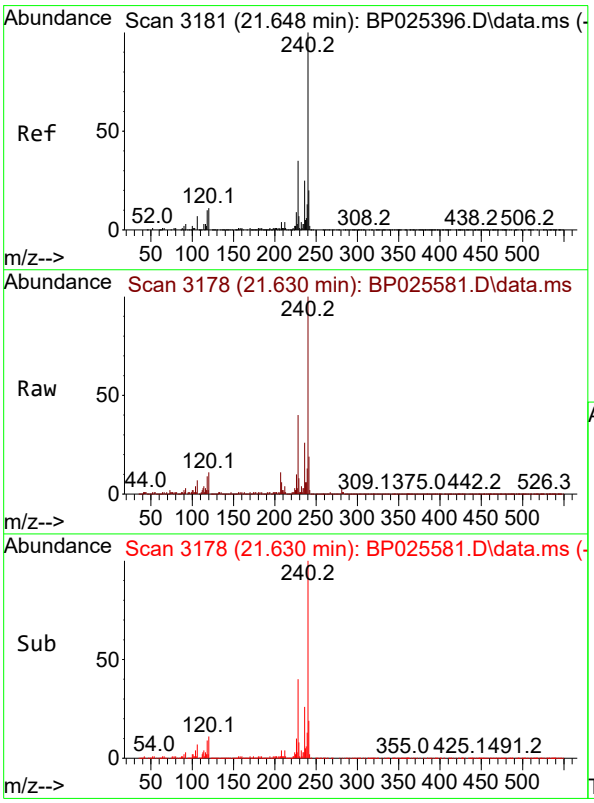
#75
Fluoranthene
Concen: 39.976 ng
RT: 19.319 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:202 Resp: 3247240

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.1
203	17.2	0.0	37.3

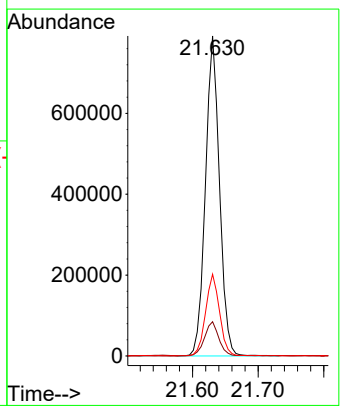


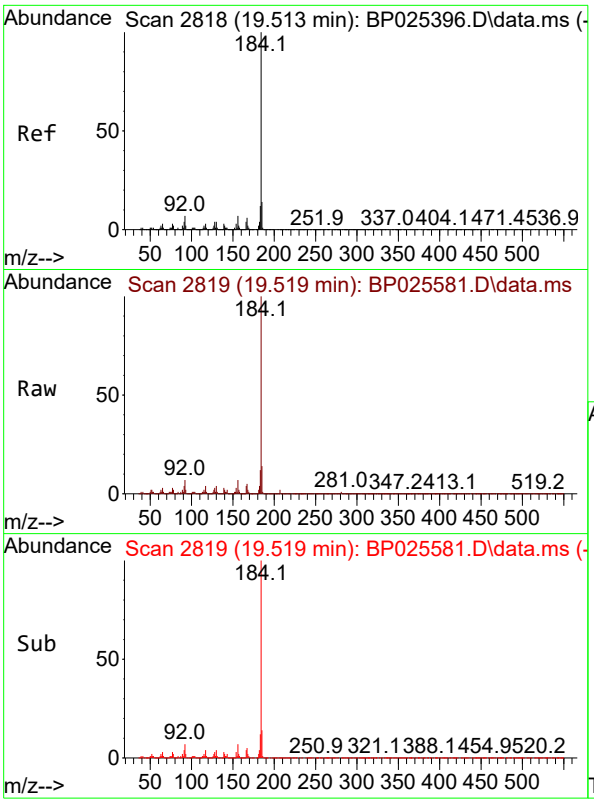


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.017 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:240 Resp: 1177566

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.9	13.3
236	25.6	19.8	29.8



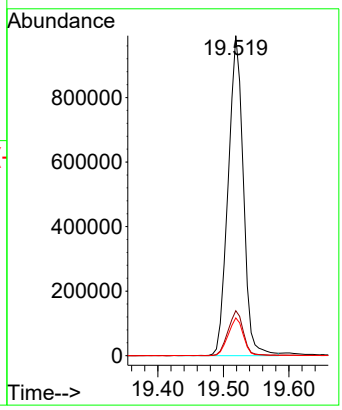


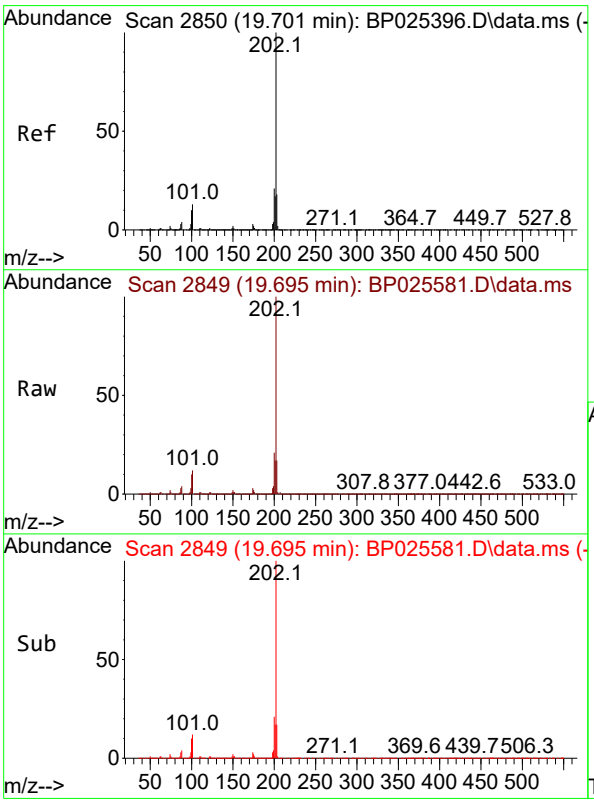
#77
Benzidine
Concen: 39.731 ng
RT: 19.519 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:184 Resp: 1596713

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.5	17.3
183	11.8	9.4	14.2

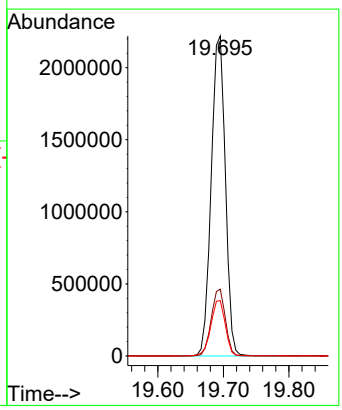


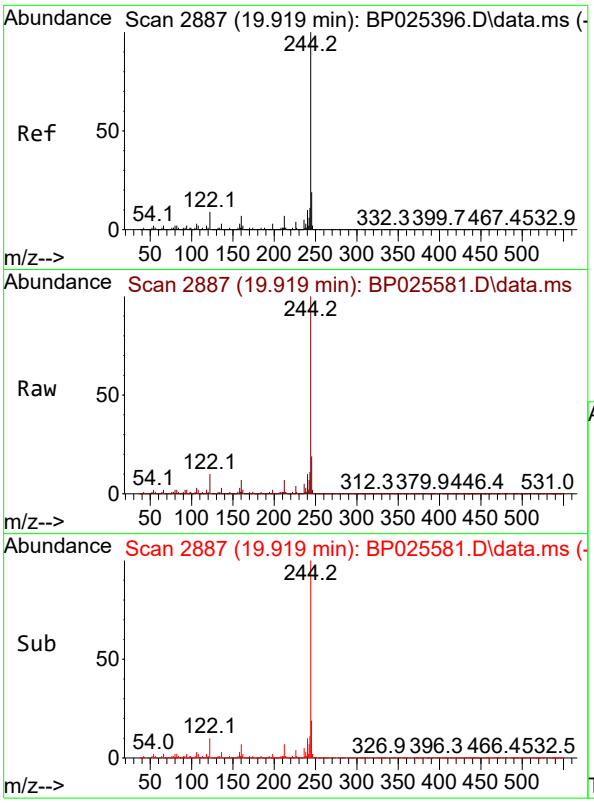


#78
Pyrene
Concen: 43.373 ng
RT: 19.695 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:202 Resp: 3319660

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.3	14.2	21.2



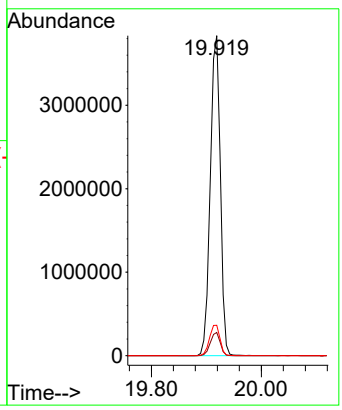


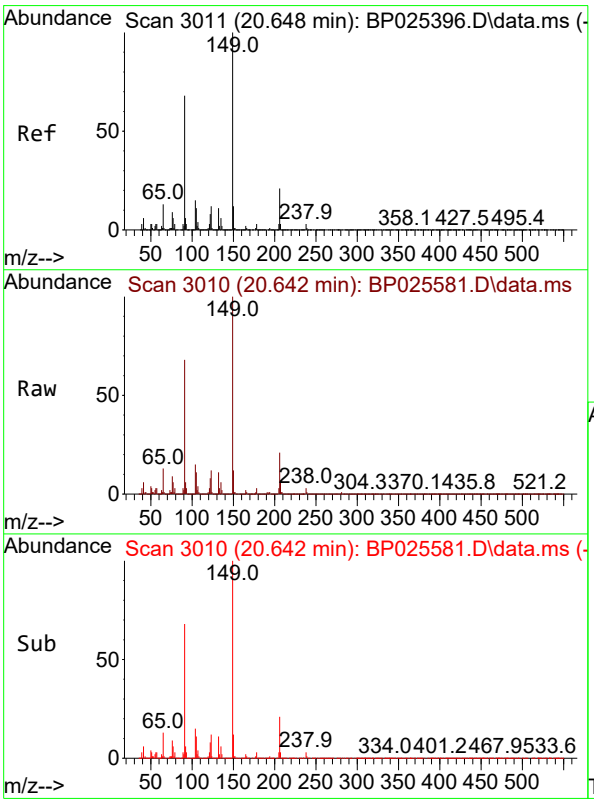
#79
Terphenyl-d14
Concen: 75.484 ng
RT: 19.919 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:244 Resp: 4858385

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	9.5	7.4	11.2

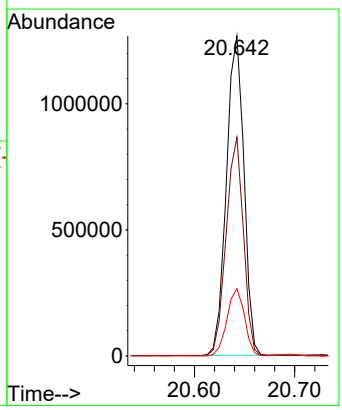


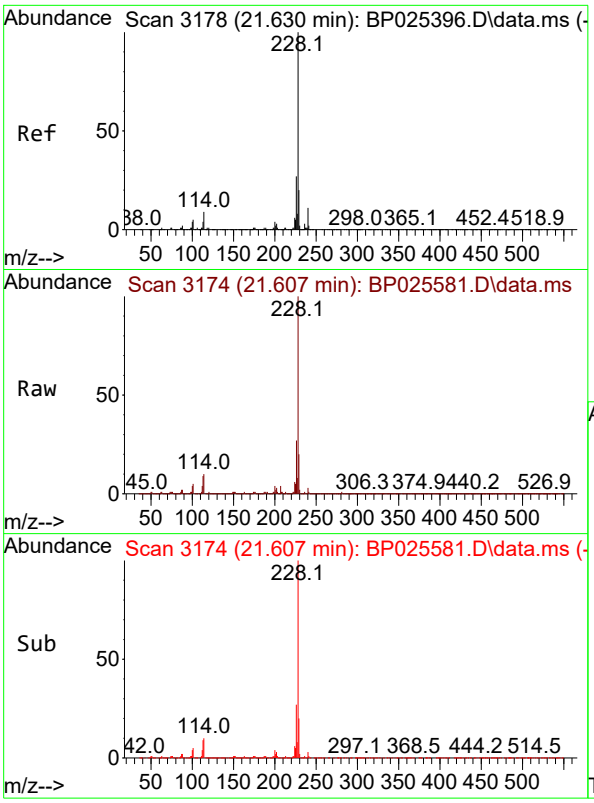


#80
Butylbenzylphthalate
Concen: 44.314 ng
RT: 20.642 min Scan# 3010
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:149 Resp: 1537154

Ion	Ratio	Lower	Upper
149	100		
91	68.3	54.2	81.2
206	21.0	16.6	24.8



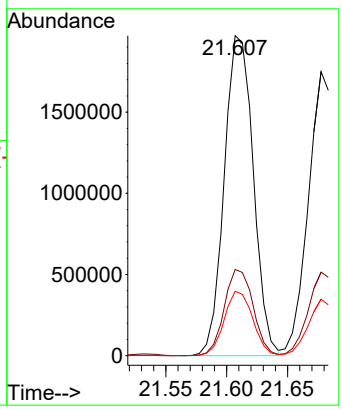


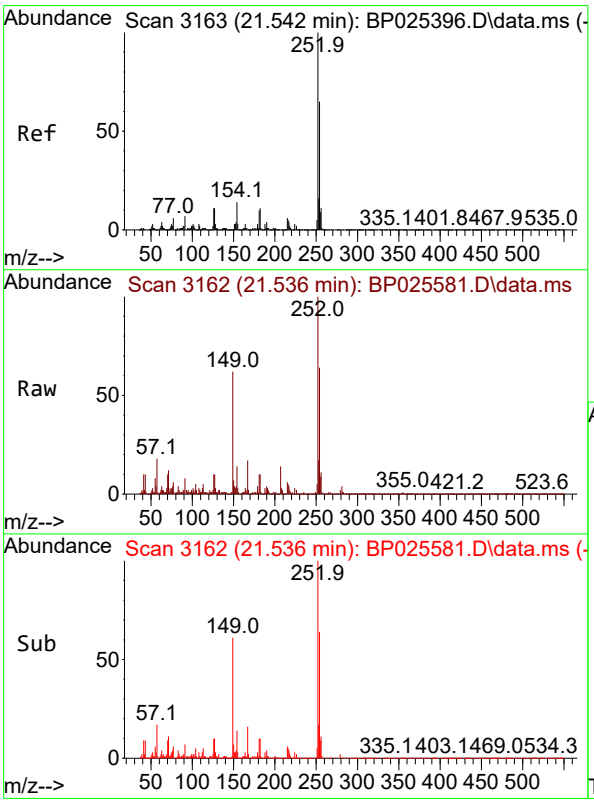
#81
Benzo(a)anthracene
Concen: 42.164 ng
RT: 21.607 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:228 Resp: 3274508

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.7	32.5
229	20.2	15.6	23.4

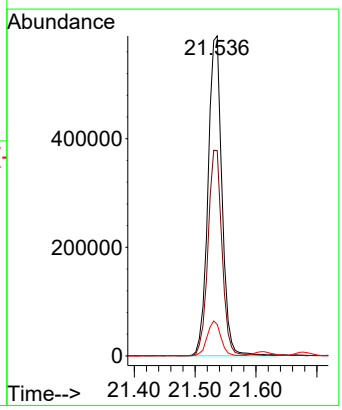


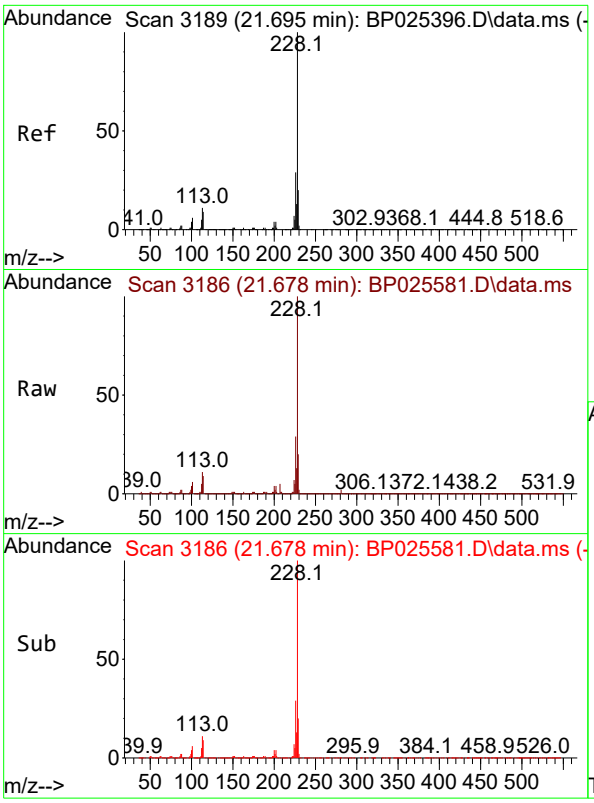


#82
3,3'-Dichlorobenzidine
Concen: 31.914 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:252 Resp: 934179

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.8	77.6
126	9.8	9.1	13.7



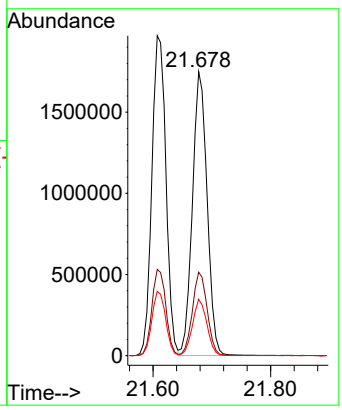


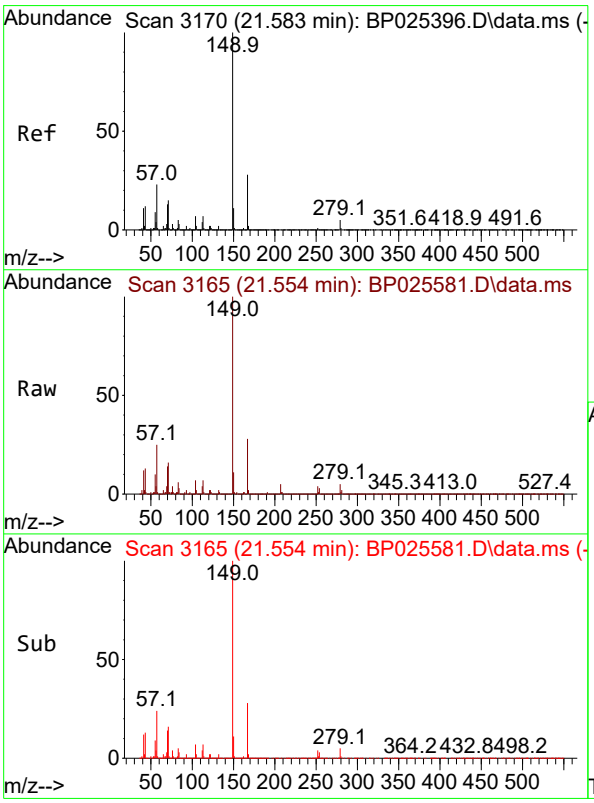
#83
Chrysene
Concen: 41.659 ng
RT: 21.678 min Scan# 3
Delta R.T. -0.017 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:228 Resp: 3029858

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.2	34.8
229	19.9	15.6	23.4

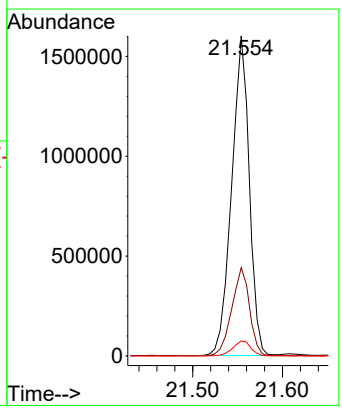


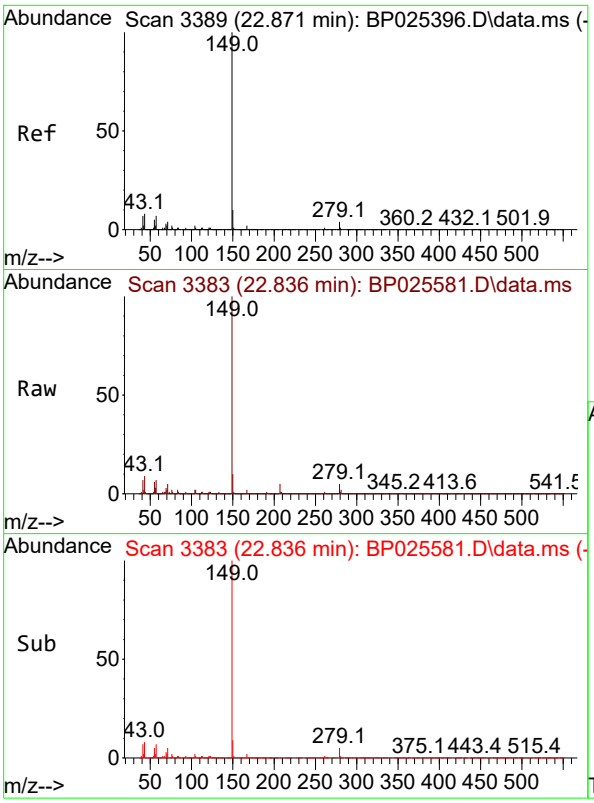


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.684 ng
RT: 21.554 min Scan# 3165
Delta R.T. -0.029 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:149 Resp: 2179550

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	4.7	3.8	5.6



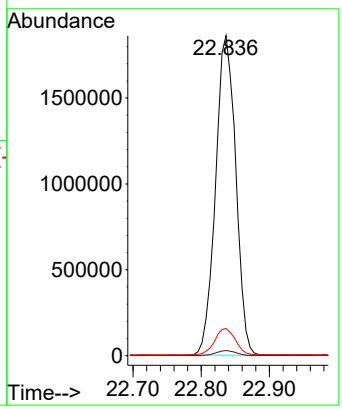


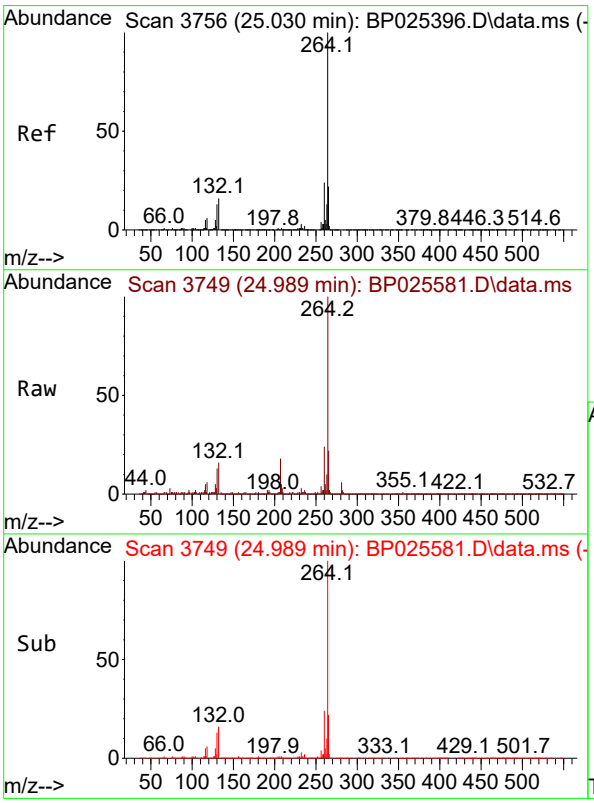
#85
Di-n-octyl phthalate
Concen: 43.711 ng
RT: 22.836 min Scan# 3
Delta R.T. -0.035 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:149 Resp: 3839151

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.4	6.3	9.5

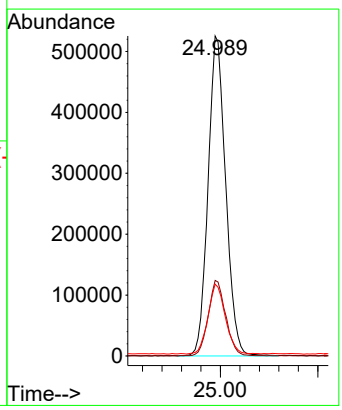


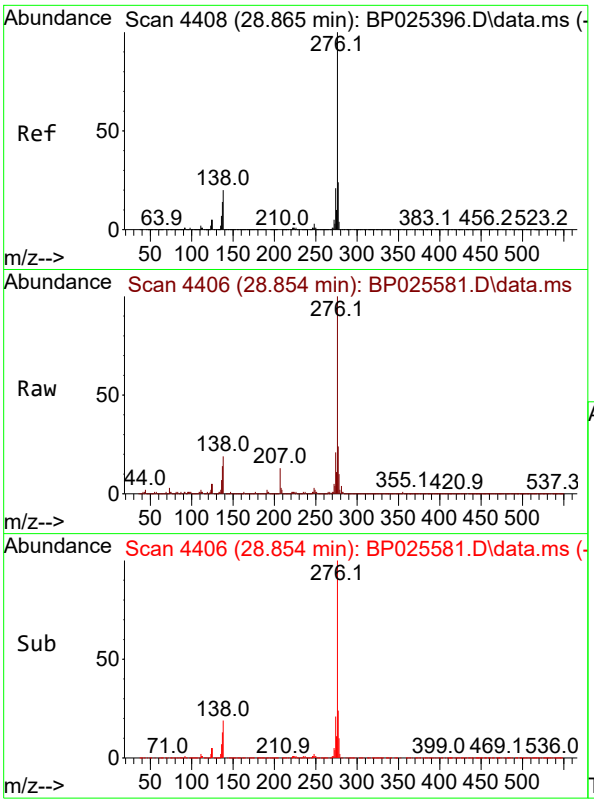


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.989 min Scan# 3749
Delta R.T. -0.041 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:264 Resp: 1318341

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.3	28.9
265	22.5	17.4	26.0



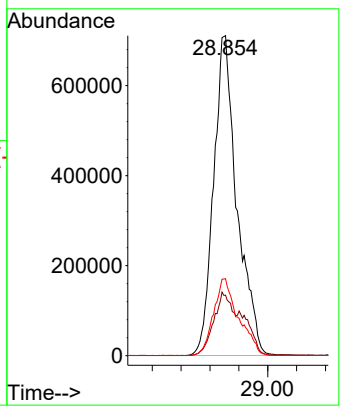


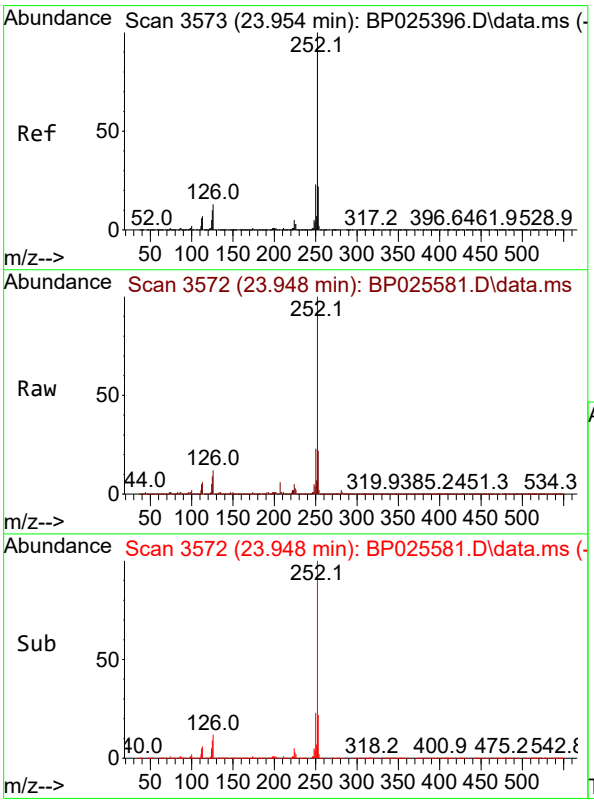
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.384 ng
RT: 28.854 min Scan# 44
Delta R.T. -0.011 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:276 Resp: 4001108

Ion	Ratio	Lower	Upper
276	100		
138	15.9	12.9	19.3
277	25.6	17.0	25.6#

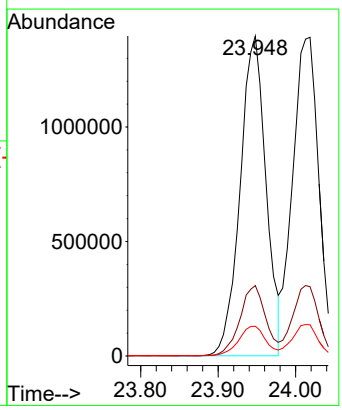


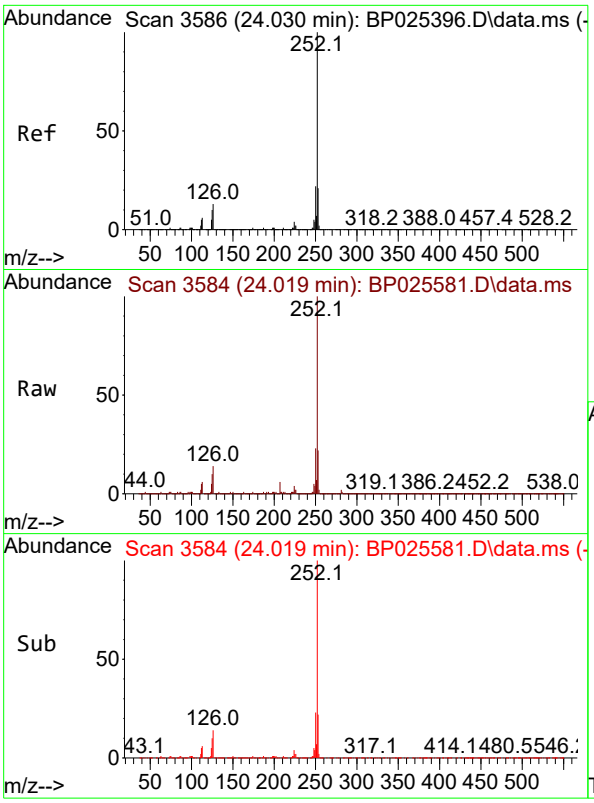


#88
Benzo(b)fluoranthene
Concen: 41.722 ng
RT: 23.948 min Scan# 3572
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:252 Resp: 3243383

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	9.3	7.9	11.9



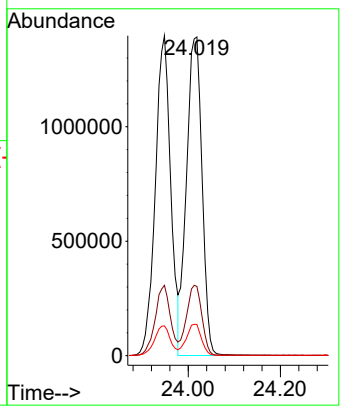


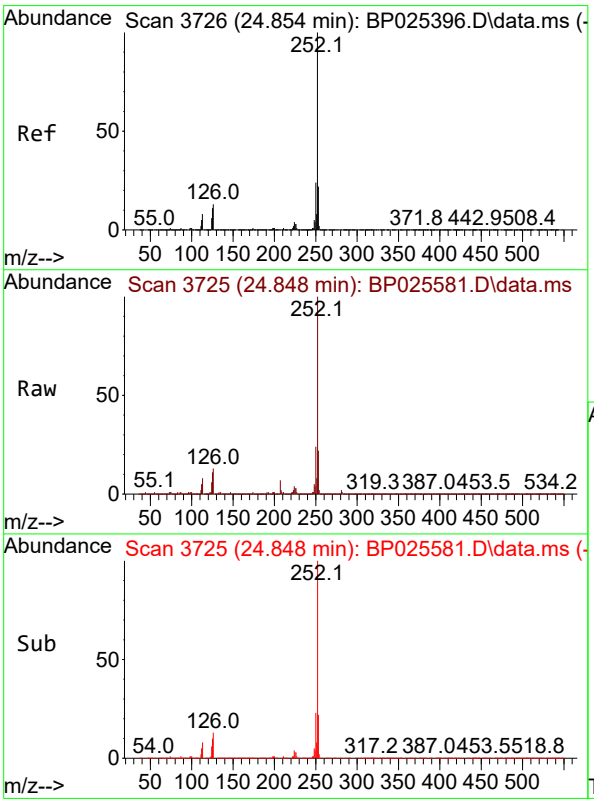
#89
Benzo(k)fluoranthene
Concen: 41.789 ng
RT: 24.019 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:252 Resp: 3250836

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	9.8	7.8	11.6

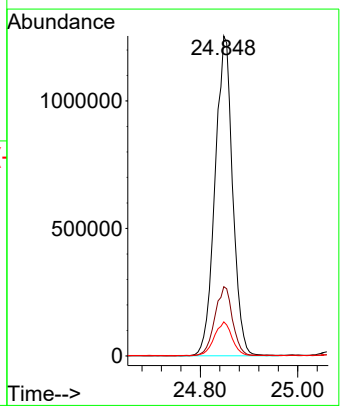


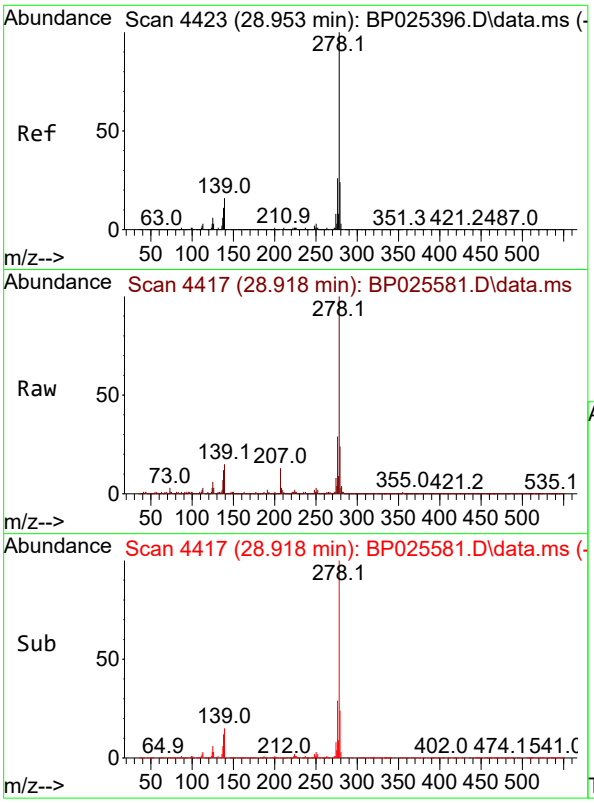


#90
Benzo(a)pyrene
Concen: 41.559 ng
RT: 24.848 min Scan# 3725
Delta R.T. -0.006 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:252 Resp: 3144868

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	10.6	8.7	13.1



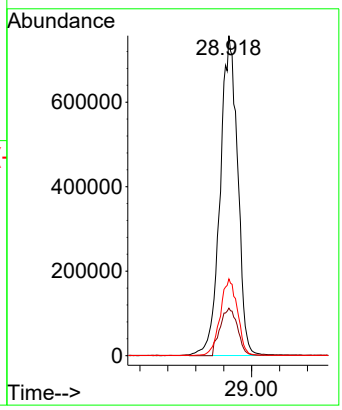


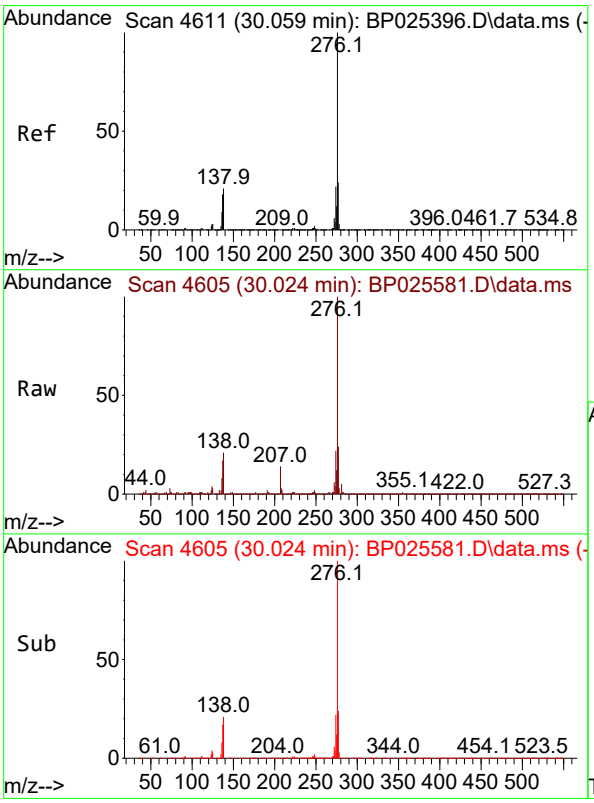
#91
Dibenzo(a,h)anthracene
Concen: 41.824 ng
RT: 28.918 min Scan# 44
Delta R.T. -0.035 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Tgt Ion:278 Resp: 3304493

Ion	Ratio	Lower	Upper
278	100		
139	14.8	13.0	19.4
279	24.0	19.4	29.2

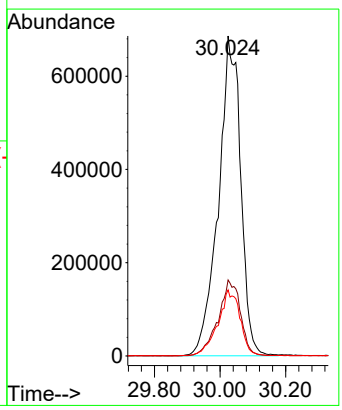




#92
Benzo(g,h,i)perylene
Concen: 41.376 ng
RT: 30.024 min Scan# 4605
Delta R.T. -0.035 min
Lab File: BP025581.D
Acq: 26 Aug 2025 11:44

Tgt Ion:276 Resp: 3213416

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.0
138	20.7	16.7	25.1



Raw Data: **BP025602.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MS	SDG No.:	Q2924
Lab Sample ID:	Q2924-03MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025602.D	1	08/22/25 10:34	08/27/25 14:18	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	38.4		4.00	10.3	ug/L
108-95-2	Phenol	16.0		0.94	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.3		0.84	5.20	ug/L
95-57-8	2-Chlorophenol	39.6		0.60	5.20	ug/L
95-48-7	2-Methylphenol	33.8		1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	17.1		1.30	5.20	ug/L
98-86-2	Acetophenone	87.5	E	0.76	5.20	ug/L
65794-96-9	3+4-Methylphenols	40.9		1.10	10.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	42.2		1.50	2.60	ug/L
67-72-1	Hexachloroethane	93.2	E	0.67	5.20	ug/L
98-95-3	Nitrobenzene	85.8	E	0.78	5.20	ug/L
78-59-1	Isophorone	81.7		0.77	5.20	ug/L
88-75-5	2-Nitrophenol	86.6	E	1.80	5.20	ug/L
105-67-9	2,4-Dimethylphenol	75.6		1.90	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	70.3		0.70	5.20	ug/L
120-83-2	2,4-Dichlorophenol	80.6		0.54	5.20	ug/L
91-20-3	Naphthalene	2700	E	0.52	5.20	ug/L
106-47-8	4-Chloroaniline	28.5		0.87	5.20	ug/L
87-68-3	Hexachlorobutadiene	71.5		0.56	5.20	ug/L
105-60-2	Caprolactam	16.7		1.20	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	76.5		0.61	5.20	ug/L
91-57-6	2-Methylnaphthalene	800	E	0.58	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	79.7		3.70	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	50.2		0.53	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	49.4		0.64	5.20	ug/L
92-52-4	1,1-Biphenyl	69.6		0.55	5.20	ug/L
91-58-7	2-Chloronaphthalene	48.9		0.63	5.20	ug/L
88-74-4	2-Nitroaniline	54.1		1.30	5.20	ug/L
131-11-3	Dimethylphthalate	48.7		0.63	5.20	ug/L

Raw Data: **BP025602.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MS	SDG No.:	Q2924
Lab Sample ID:	Q2924-03MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025602.D	1	08/22/25 10:34	08/27/25 14:18	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	190	E	0.77	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	51.4		0.95	5.20	ug/L
99-09-2	3-Nitroaniline	31.7		1.10	5.20	ug/L
83-32-9	Acenaphthene	54.7		0.57	5.20	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.20	10.3	ug/L
100-02-7	4-Nitrophenol	42.0		2.50	10.3	ug/L
132-64-9	Dibenzofuran	51.3		0.63	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	53.3		1.30	5.20	ug/L
84-66-2	Diethylphthalate	50.3		0.71	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.5		0.70	5.20	ug/L
86-73-7	Fluorene	67.1		0.65	5.20	ug/L
100-01-6	4-Nitroaniline	48.5		1.50	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	55.1		3.00	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	51.1		0.60	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	51.5		0.41	5.20	ug/L
118-74-1	Hexachlorobenzene	52.5		0.54	5.20	ug/L
1912-24-9	Atrazine	47.8		1.00	5.20	ug/L
87-86-5	Pentachlorophenol	110	E	1.60	10.3	ug/L
85-01-8	Phenanthrene	65.4		0.52	5.20	ug/L
120-12-7	Anthracene	53.4		0.63	5.20	ug/L
86-74-8	Carbazole	61.7		0.74	5.20	ug/L
84-74-2	Di-n-butylphthalate	51.3		1.30	5.20	ug/L
206-44-0	Fluoranthene	51.0		0.85	5.20	ug/L
129-00-0	Pyrene	50.5		0.52	5.20	ug/L
85-68-7	Butylbenzylphthalate	51.2		2.00	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	41.5		0.96	10.3	ug/L
56-55-3	Benzo(a)anthracene	49.5		0.46	5.20	ug/L
218-01-9	Chrysene	50.0		0.45	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	48.4		1.60	5.20	ug/L
117-84-0	Di-n-octyl phthalate	51.0		2.40	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	50.0		0.51	5.20	ug/L

Raw Data: **BP025602.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MS	SDG No.:	Q2924
Lab Sample ID:	Q2924-03MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025602.D	1	08/22/25 10:34	08/27/25 14:18	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	49.1		0.49	5.20	ug/L
50-32-8	Benzo(a)pyrene	49.3		0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.1		0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	51.0		0.69	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	50.2		0.71	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	50.1		0.54	5.20	ug/L
123-91-1	1,4-Dioxane	21.2		1.00	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	51.1		0.74	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	67.6		23 - 138	45%	SPK: 150
13127-88-3	Phenol-d6	41.4		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	148	*	67 - 132	148%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.6		52 - 132	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	138		44 - 137	92%	SPK: 150
1718-51-0	Terphenyl-d14	76.9		42 - 152	77%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	177000	7.784			
1146-65-2	Naphthalene-d8	389000	10.566			
15067-26-2	Acenaphthene-d10	433000	14.389			
1517-22-2	Phenanthrene-d10	850000	17.189			
1719-03-5	Chrysene-d12	904000	21.636			
1520-96-3	Perylene-d12	1060000	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\BP082725\
Data File : BP025602.D
Acq On : 27 Aug 2025 14:18
Operator : CG/JU
Sample : Q2924-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 27 14:56:06 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 :
MW-201-082025MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.784	152	177033	20.000	ng		-0.01
21) Naphthalene-d8	10.566	136	389081m	20.000	ng		0.00
39) Acenaphthene-d10	14.389	164	432672	20.000	ng		-0.02
64) Phenanthrene-d10	17.189	188	850262	20.000	ng		-0.01
76) Chrysene-d12	21.636	240	903685	20.000	ng		-0.01
86) Perylene-d12	25.001	264	1056322	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.413	112	720276	67.567	ng		0.00
7) Phenol-d6	6.972	99	565271	41.360	ng		0.00
23) Nitrobenzene-d5	8.925	82	1139805	148.189	ng		-0.01
42) 2,4,6-Tribromophenol	15.907	330	802398	137.779	ng		0.00
45) 2-Fluorobiphenyl	13.001	172	2521559	79.649	ng		-0.02
79) Terphenyl-d14	19.919	244	3799180	76.917	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.325	88	86034	20.604	ng		97
3) Pyridine	3.725	79	216603	18.952	ng		96
4) n-Nitrosodimethylamine	3.631	42	114731	24.350	ng	#	94
6) Aniline	7.119	93	435007	23.623	ng		97
8) 2-Chlorophenol	7.360	128	461645	38.376	ng		100
9) Benzaldehyde	6.937	77	356363	37.216	ng	#	1
10) Phenol	7.002	94	223179	15.562	ng		85
11) bis(2-Chloroethyl)ether	7.213	93	480450	42.982	ng	#	82
12) 1,3-Dichlorobenzene	7.672	146	447780	33.758	ng		98
13) 1,4-Dichlorobenzene	7.819	146	456562	33.675	ng		100
14) 1,2-Dichlorobenzene	8.131	146	451271	34.385	ng		100
15) Benzyl Alcohol	8.043	79	330762	30.458	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.325	45	248133	16.571	ng	#	56
17) 2-Methylphenol	8.249	107	326777	32.808	ng		99
18) Hexachloroethane	8.866	117	450683	90.410	ng	#	55
19) n-Nitroso-di-n-propyla...	8.578	70	370268	40.900	ng		99
20) 3+4-Methylphenols	8.549	107	547488	39.655	ng		99
22) Acetophenone	8.596	105	828397	84.900	ng		98
24) Nitrobenzene	8.966	77	572174	83.237	ng		99
25) Isophorone	9.513	82	1078122	79.204	ng		99
26) 2-Nitrophenol	9.672	139	296181	83.956	ng		98
27) 2,4-Dimethylphenol	9.749	122	445083	73.364	ng		100
28) bis(2-Chloroethoxy)met...	9.990	93	561312	68.218	ng		97
29) 2,4-Dichlorophenol	10.231	162	471453	78.228	ng		97
30) 1,2,4-Trichlorobenzene	10.443	180	497208	75.260	ng		98
31) Naphthalene	10.607	128	53384471m	2639.830	ng		
32) Benzoic acid	9.872	122	137031	30.594	ng		95
33) 4-Chloroaniline	10.707	127	246679m	27.615	ng		
34) Hexachlorobutadiene	10.890	225	285321	69.347	ng		98
35) Caprolactam	11.513	113	35758	16.181	ng		90
36) 4-Chloro-3-methylphenol	11.837	107	513005	74.182	ng		95
37) 2-Methylnaphthalene	12.213	142	10166437	772.505	ng		97
38) 1-Methylnaphthalene	12.431	142	7289723	520.863	ng		99
40) 1,2,4,5-Tetrachloroben...	12.572	216	607380	48.606	ng		99
41) Hexachlorocyclopentadiene	12.554	237	583510	77.305	ng		99
43) 2,4,6-Trichlorophenol	12.813	196	410669	48.679	ng		99

Sample Results: **BP025602.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025602.D
Acq On : 27 Aug 2025 14:18
Operator : CG/JU
Sample : Q2924-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 27 14:56:06 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 :
MW-201-082025MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	442682	47.879	ng	97
46) 1,1'-Biphenyl	13.219	154	2122145	67.534	ng	99
47) 2-Chloronaphthalene	13.260	162	1159450	47.397	ng	99
48) 2-Nitroaniline	13.460	65	373967	52.466	ng	99
49) Acenaphthylene	14.113	152	7330044	181.084	ng	98
50) Dimethylphthalate	13.842	163	1497485	47.263	ng	99
51) 2,6-Dinitrotoluene	13.966	165	332758	49.828	ng	96
52) Acenaphthene	14.454	154	1259575	53.012	ng	100
53) 3-Nitroaniline	14.295	138	230882	30.729	ng	98
54) 2,4-Dinitrophenol	14.507	184	407573	114.285	ng	99
55) Dibenzofuran	14.789	168	1868479	49.740	ng	100
56) 4-Nitrophenol	14.648	139	251770	40.778	ng	96
57) 2,4-Dinitrotoluene	14.760	165	492932	51.735	ng	98
58) Fluorene	15.454	166	1929806	65.105	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.031	232	404723m	49.575	ng	
60) Diethylphthalate	15.225	149	1570718	48.789	ng	99
61) 4-Chlorophenyl-phenyle...	15.448	204	693292	47.029	ng	99
62) 4-Nitroaniline	15.472	138	362177	47.020	ng	97
63) Azobenzene	15.754	77	1380374	50.074	ng	97
65) 4,6-Dinitro-2-methylph...	15.536	198	283344	53.460	ng	94
66) n-Nitrosodiphenylamine	15.672	169	1286193	49.606	ng	99
67) 4-Bromophenyl-phenylether	16.372	248	467298	49.971	ng	99
68) Hexachlorobenzene	16.483	284	552050	50.927	ng	98
69) Atrazine	16.654	200	450342	46.379	ng	98
70) Pentachlorophenol	16.836	266	715400	104.547	ng	98
71) Phenanthrene	17.236	178	2961334	63.401	ng	100
72) Anthracene	17.336	178	2472023	51.827	ng	100
73) Carbazole	17.607	167	2687128	59.810	ng	100
74) Di-n-butylphthalate	18.201	149	2751702	49.782	ng	100
75) Fluoranthene	19.319	202	2756444	49.475	ng	99
77) Benzidine	19.524	184	778981	25.258	ng	99
78) Pyrene	19.695	202	2876336	48.970	ng	99
80) Butylbenzylphthalate	20.648	149	1322126	49.666	ng	98
81) Benzo(a)anthracene	21.618	228	2864079	48.056	ng	100
82) 3,3'-Dichlorobenzidine	21.542	252	904366	40.258	ng	99
83) Chrysene	21.689	228	2708735	48.532	ng	99
84) Bis(2-ethylhexyl)phtha...	21.554	149	1840824	46.976	ng	99
85) Di-n-octyl phthalate	22.842	149	3331848	49.432	ng	99
87) Indeno(1,2,3-cd)pyrene	28.853	276	3764445m	48.595	ng	
88) Benzo(b)fluoranthene	23.948	252	3022805	48.529	ng	99
89) Benzo(k)fluoranthene	24.018	252	2971189	47.668	ng	99
90) Benzo(a)pyrene	24.854	252	2898626	47.806	ng	99
91) Dibenzo(a,h)anthracene	28.936	278	3130465	49.450	ng	98
92) Benzo(g,h,i)perylene	30.047	276	3028218	48.663	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sample Results: **BP025602.D**

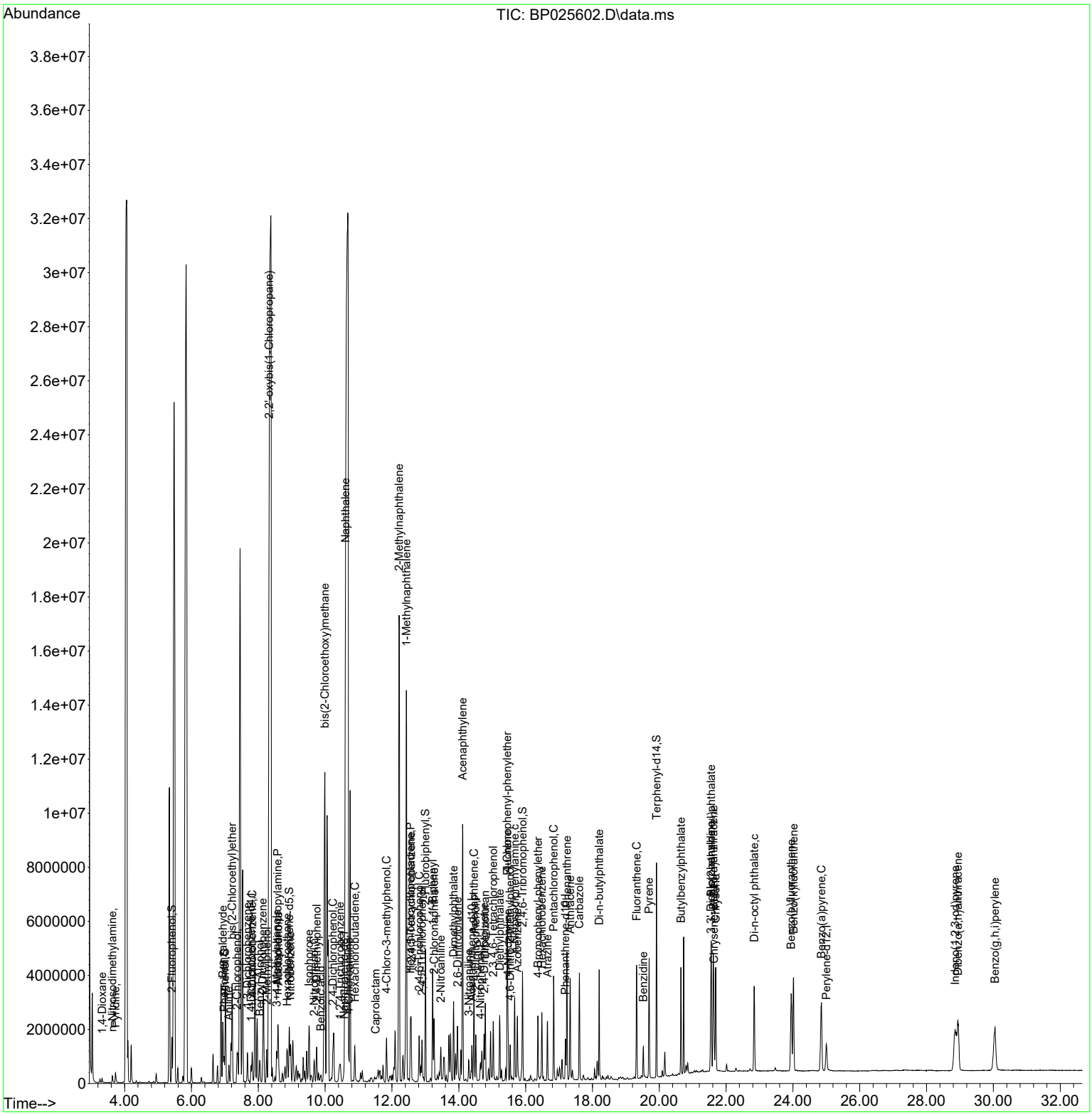
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025602.D
Acq On : 27 Aug 2025 14:18
Operator : CG/JU
Sample : Q2924-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

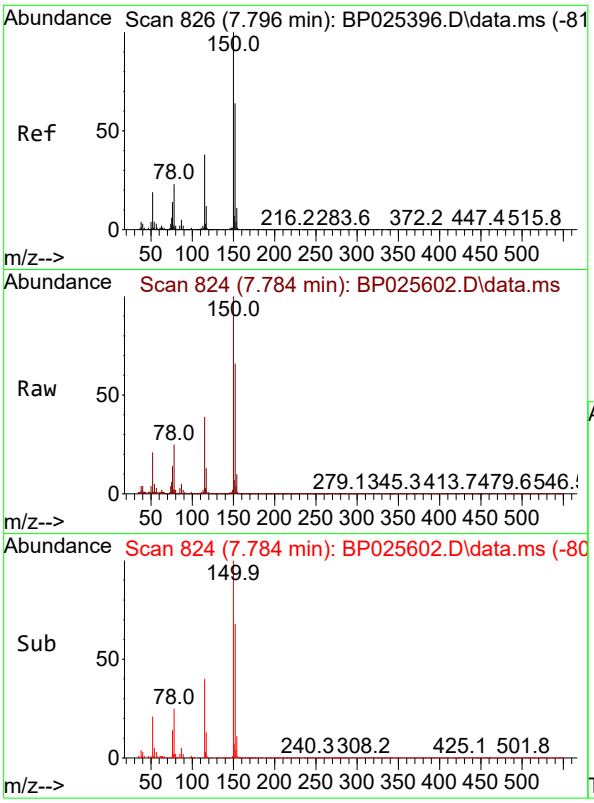
Quant Time: Aug 27 14:56:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

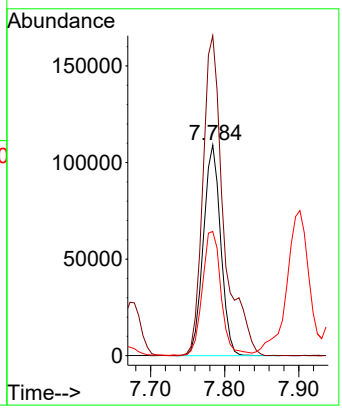




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:152 Resp: 17703

Ion	Ratio	Lower	Upper
152	100		
150	151.9	125.9	188.9
115	58.9	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
MW-201-082025MS

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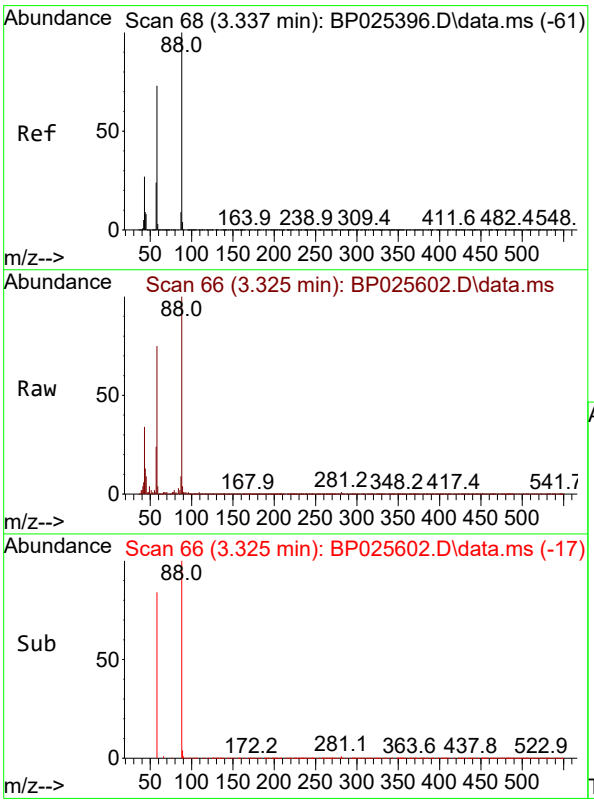
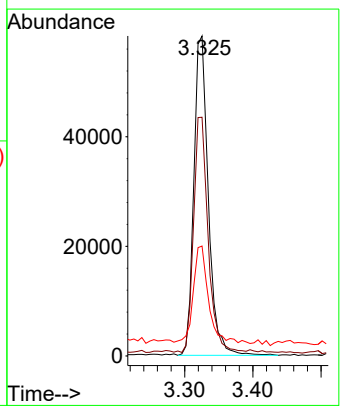
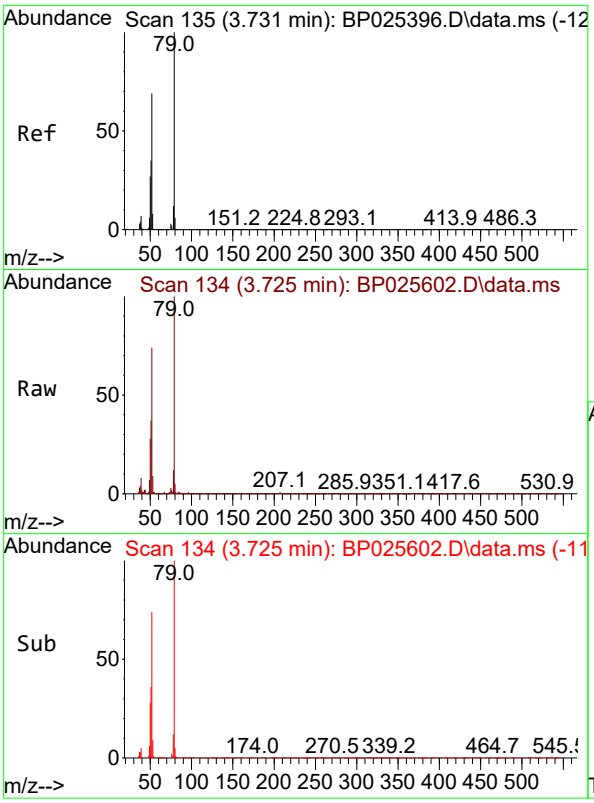


#2
1,4-Dioxane
Concen: 20.604 ng
RT: 3.325 min Scan# 66
Delta R.T. -0.012 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion: 88 Resp: 86034

Ion	Ratio	Lower	Upper
88	100		
58	73.4	59.2	88.8
43	32.3	21.7	32.5

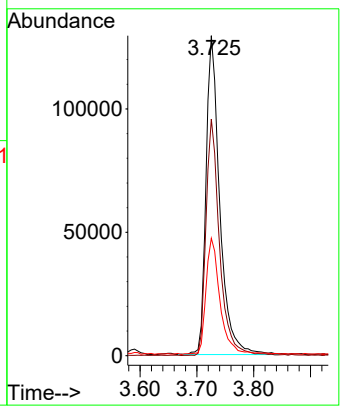




#3
Pyridine
Concen: 18.952 ng
RT: 3.725 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion: 79 Resp: 21660

Ion	Ratio	Lower	Upper
79	100		
52	74.0	55.5	83.3
51	36.7	28.3	42.5



Instrument :
BNA_P
ClientSampleId :
MW-201-082025MS

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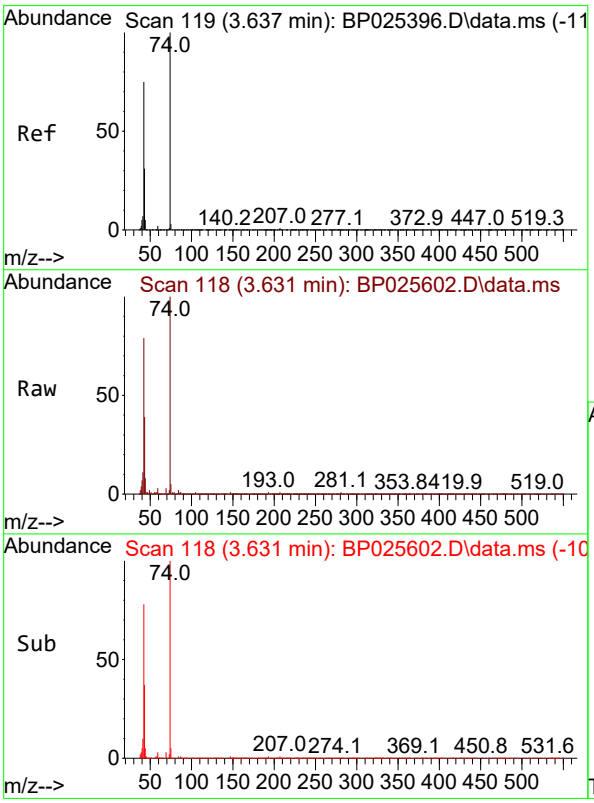
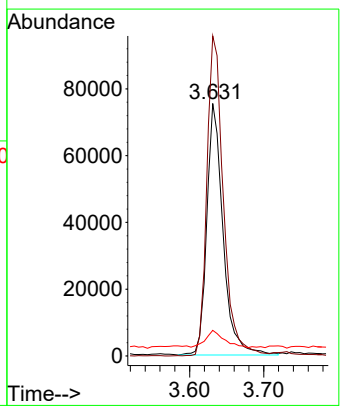
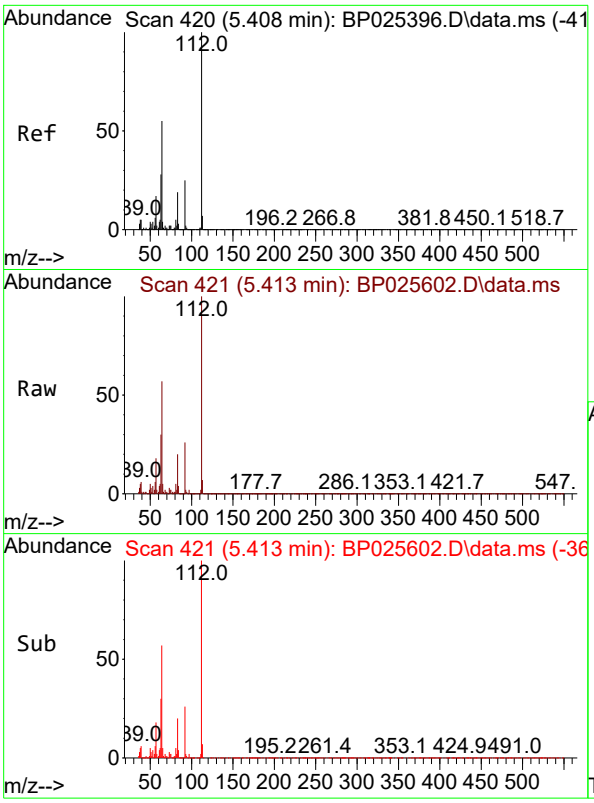


#4
n-Nitrosodimethylamine
Concen: 24.350 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion: 42 Resp: 114731

Ion	Ratio	Lower	Upper
42	100		
74	126.7	107.0	160.4
44	10.1	6.2	9.4#

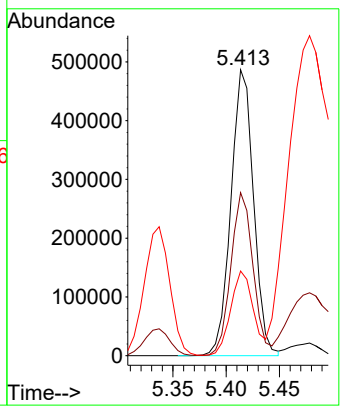




#5
2-Fluorophenol
Concen: 67.567 ng
RT: 5.413 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:112 Resp: 72027

Ion	Ratio	Lower	Upper
112	100		
64	57.1	43.8	65.8
63	29.6	22.7	34.1



Instrument :
BNA_P
ClientSampleId :
MW-201-082025MS

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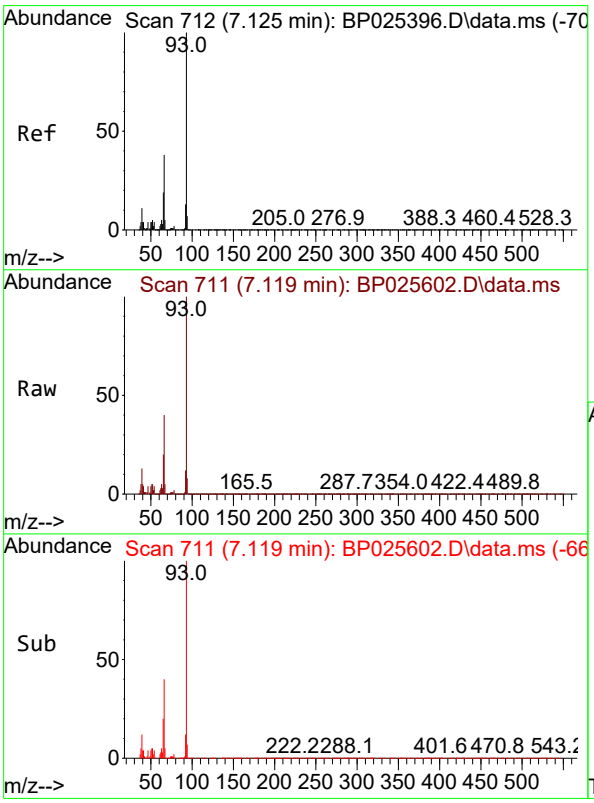
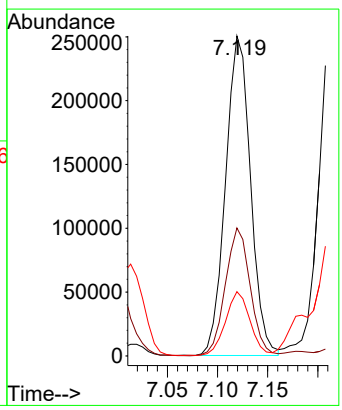
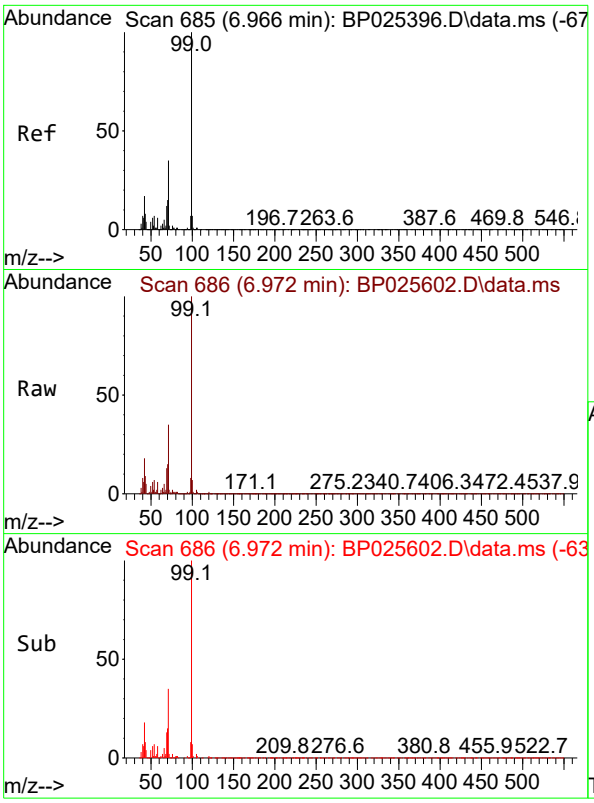


#6
Aniline
Concen: 23.623 ng
RT: 7.119 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion: 93 Resp: 435007

Ion	Ratio	Lower	Upper
93	100		
66	40.0	30.4	45.6
65	20.1	15.3	22.9

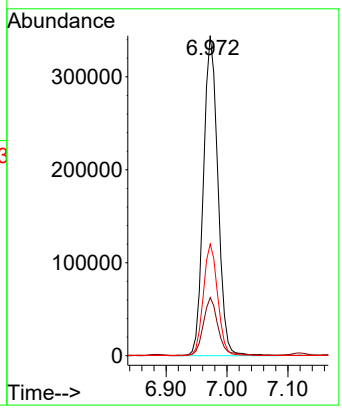




#7
Phenol-d6
Concen: 41.360 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion: 99 Resp: 56527

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.7	20.5
71	34.9	28.2	42.4



Instrument :
BNA_P
ClientSampleId :
MW-201-082025MS

Manual Integrations
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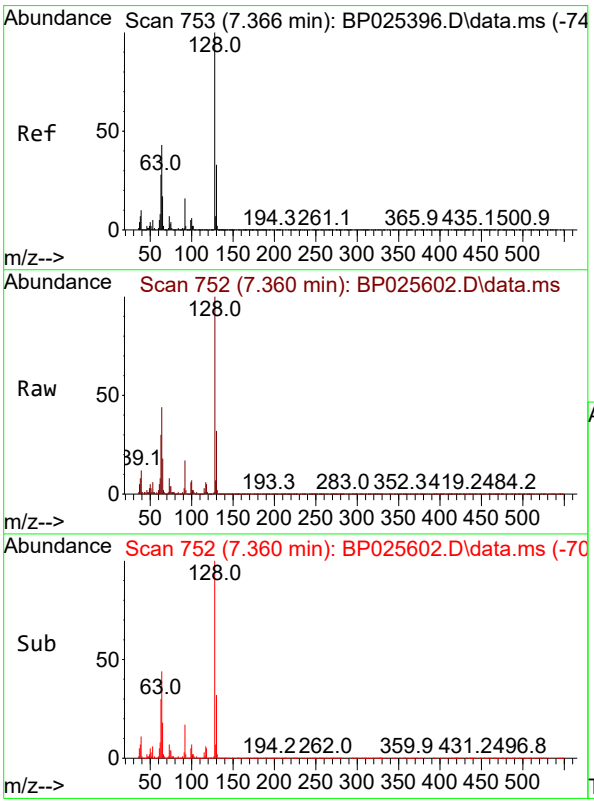
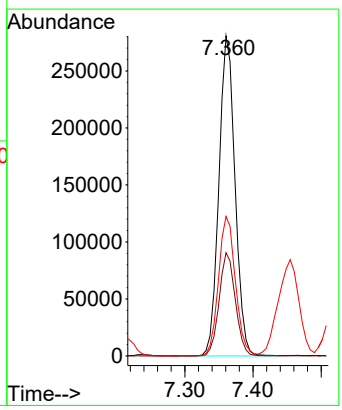
Supervised By :Jagrut Upadhyay 08/28/2025

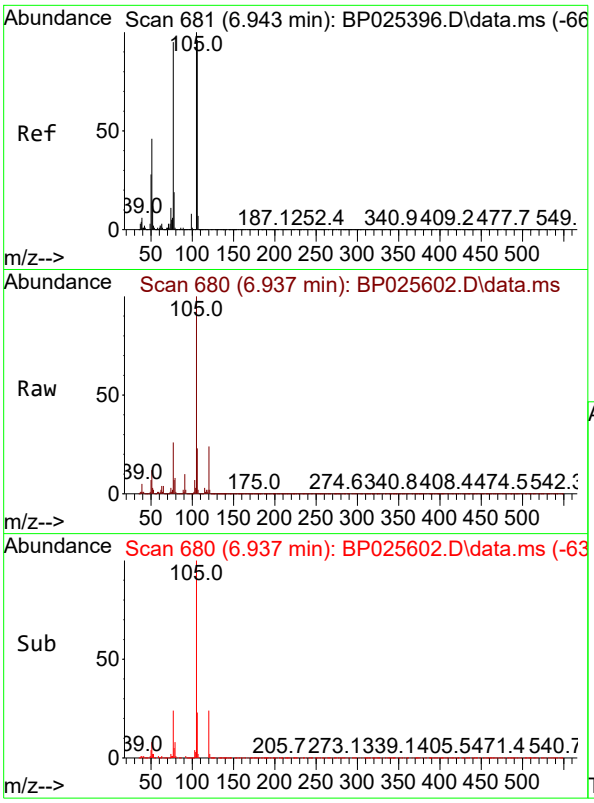


#8
2-Chlorophenol
Concen: 38.376 ng
RT: 7.360 min Scan# 752
Delta R.T. -0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:128 Resp: 461645

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	43.6	23.4	63.4

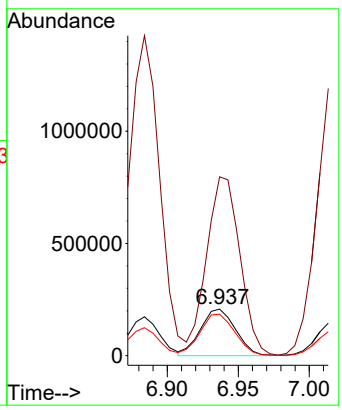




#9
Benzaldehyde
Concen: 37.216 ng
RT: 6.937 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion: 77 Resp: 35636

Ion	Ratio	Lower	Upper
77	100		
105	383.7	84.8	124.8
106	89.0	80.5	120.5



Instrument :
BNA_P
ClientSampleId :
MW-201-082025MS

Manual Integrations
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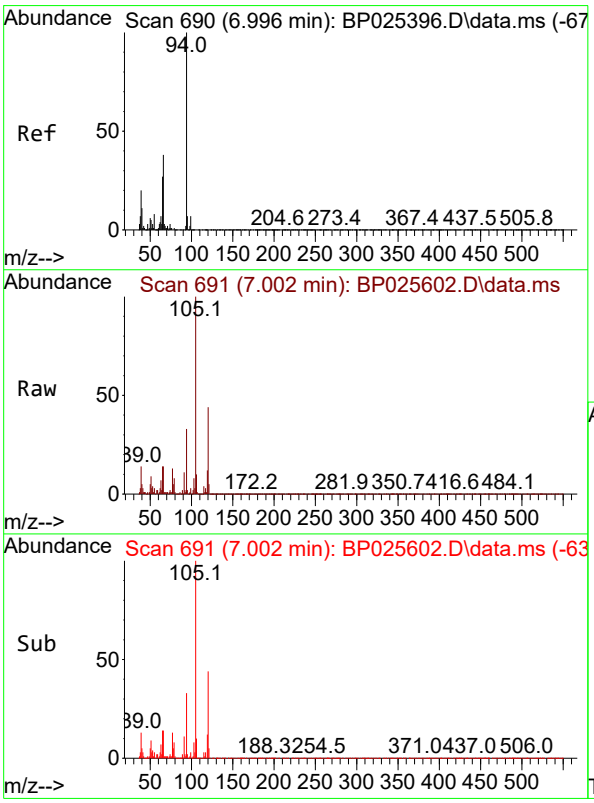
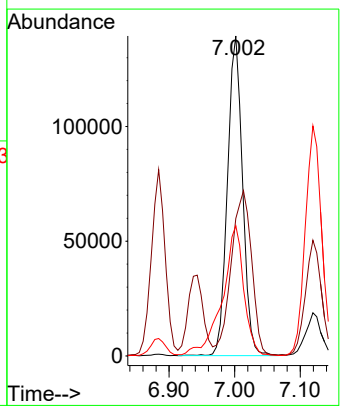
Supervised By :Jagrut Upadhyay 08/28/2025

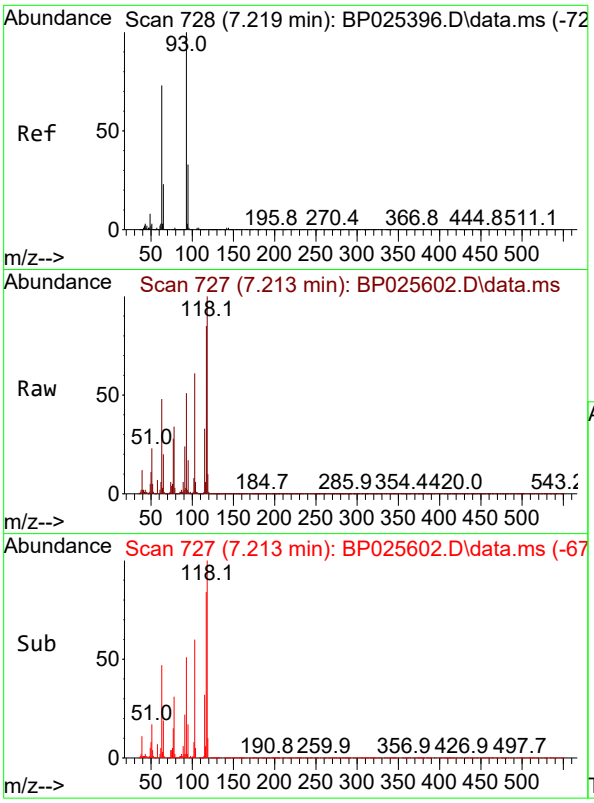


#10
Phenol
Concen: 15.562 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion: 94 Resp: 223179

Ion	Ratio	Lower	Upper
94	100		
65	42.9	6.8	46.8
66	40.7	18.2	58.2





#11
bis(2-Chloroethyl)ether
Concen: 42.982 ng
RT: 7.213 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion: 93 Resp: 48045

Ion	Ratio	Lower	Upper
93	100		
63	94.1	52.6	92.6
95	32.6	12.7	52.7

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MS

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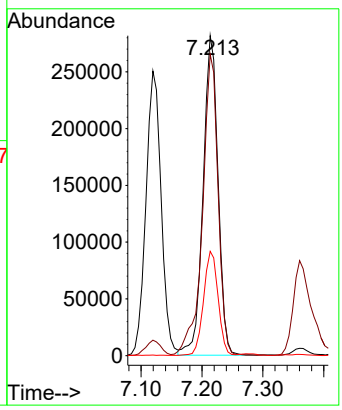
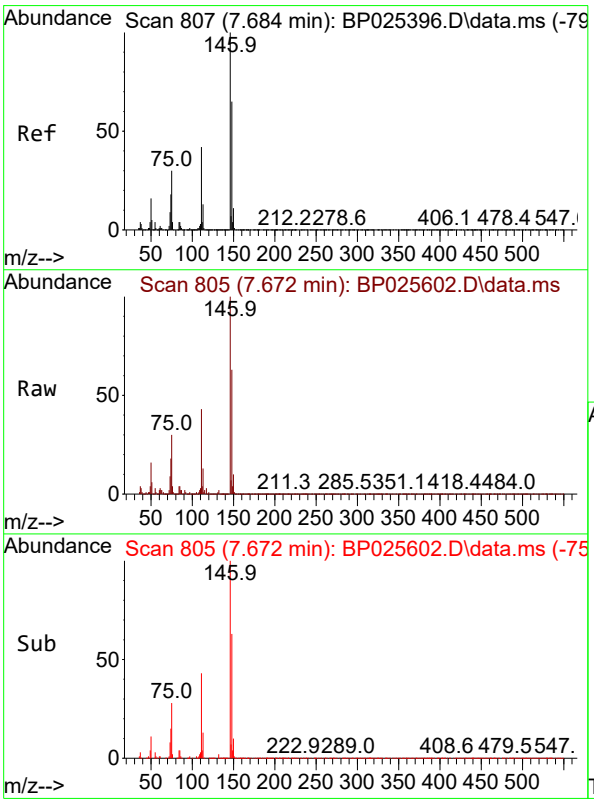
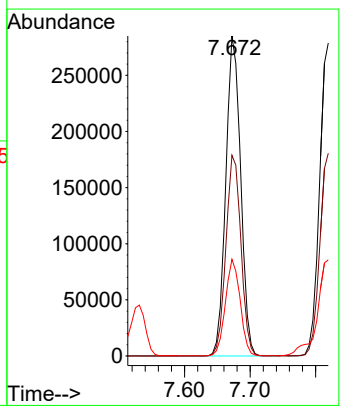


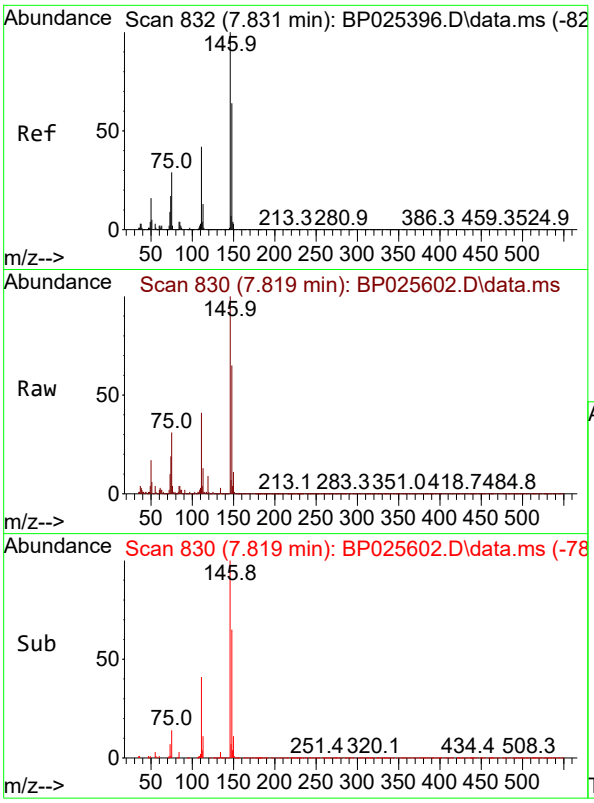


#12
1,3-Dichlorobenzene
Concen: 33.758 ng
RT: 7.672 min Scan# 805
Delta R.T. -0.012 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:146 Resp: 447780

Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.9	77.9
75	30.2	23.7	35.5





#13
1,4-Dichlorobenzene
Concen: 33.675 ng
RT: 7.819 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:146 Resp: 45656

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.6	77.4
111	41.4	33.4	50.0

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MS

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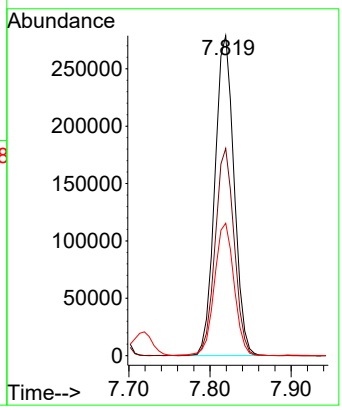
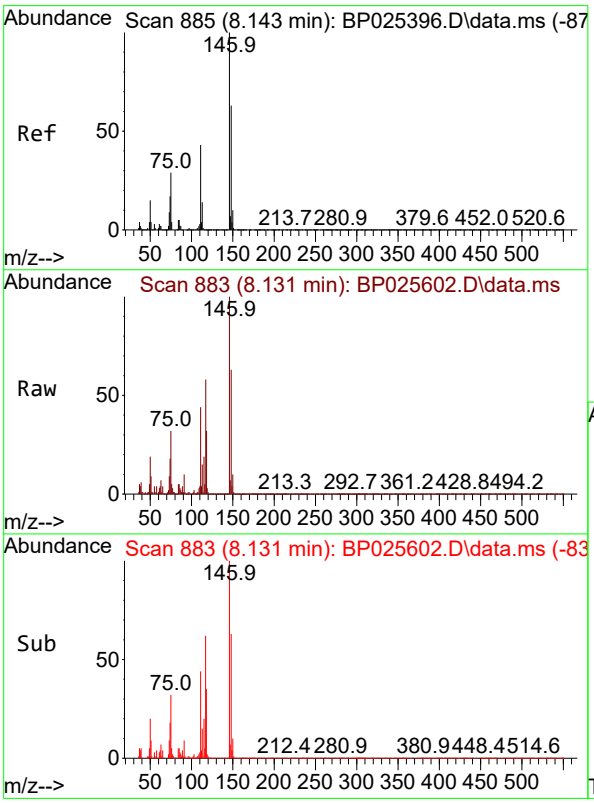
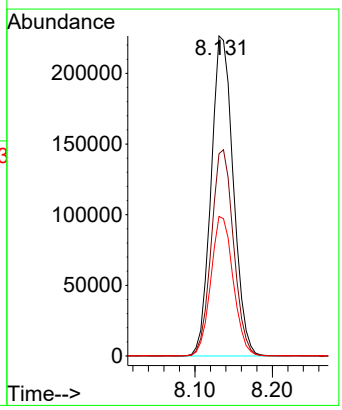


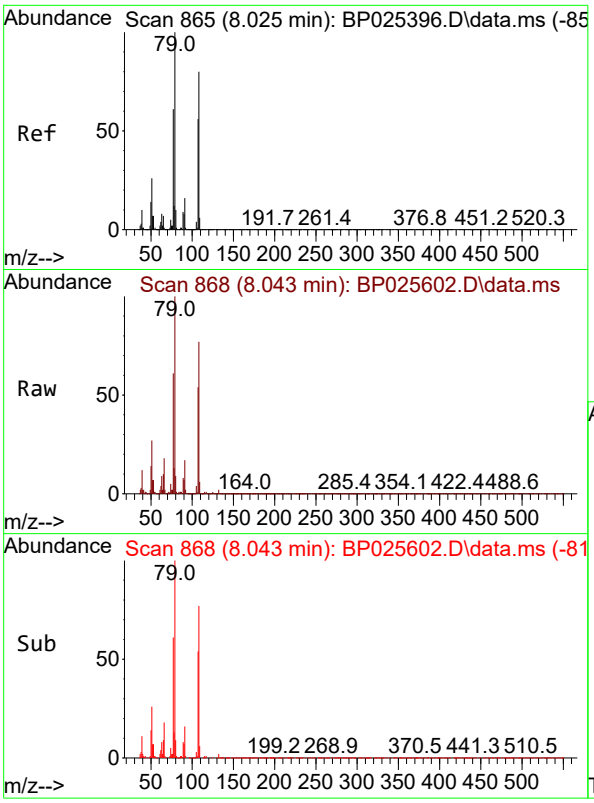


#14
1,2-Dichlorobenzene
Concen: 34.385 ng
RT: 8.131 min Scan# 883
Delta R.T. -0.012 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:146 Resp: 451271

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.4	75.6
111	43.6	34.5	51.7





#15
Benzyl Alcohol
Concen: 30.458 ng
RT: 8.043 min Scan# 8
Delta R.T. 0.018 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion: 79 Resp: 33076

Ion	Ratio	Lower	Upper
79	100		
108	77.1	63.8	95.6
77	61.4	49.0	73.4

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MS

Manual Integrations
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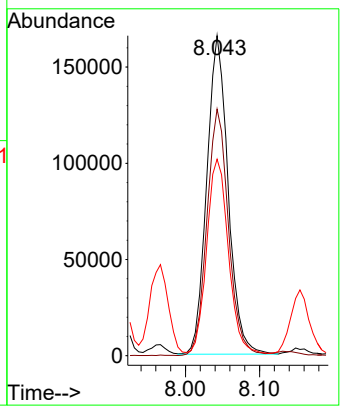
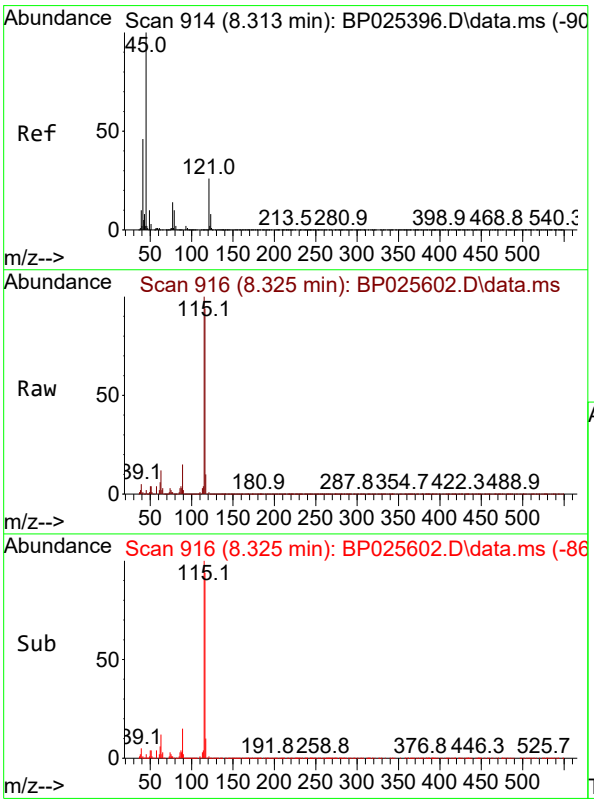
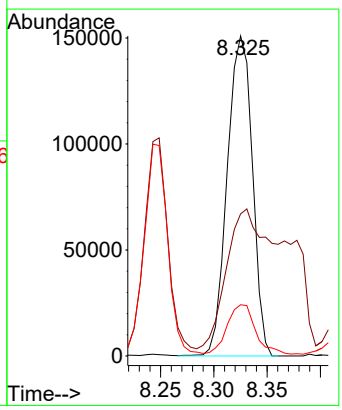


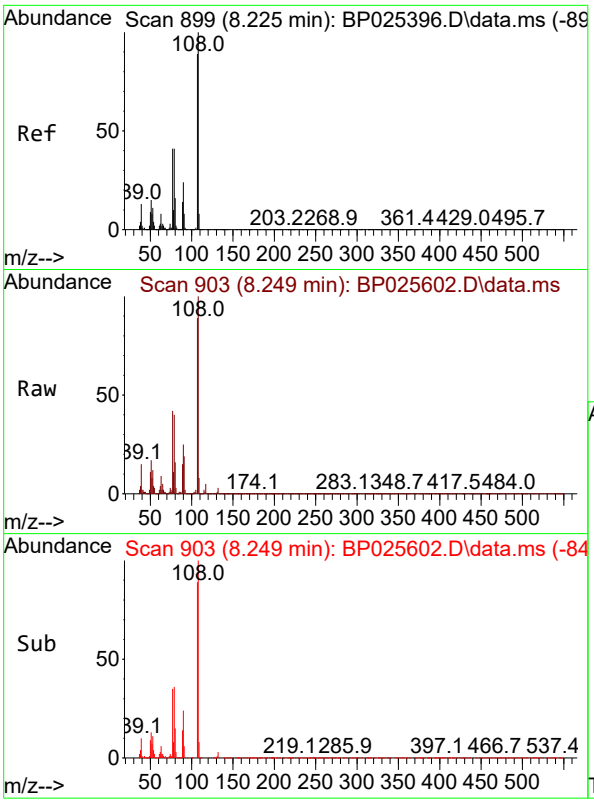


#16
2,2'-oxybis(1-Chloropropane)
Concen: 16.571 ng
RT: 8.325 min Scan# 916
Delta R.T. 0.012 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion: 45 Resp: 248133

Ion	Ratio	Lower	Upper
45	100		
77	44.4	0.0	35.3#
79	16.0	0.0	31.8

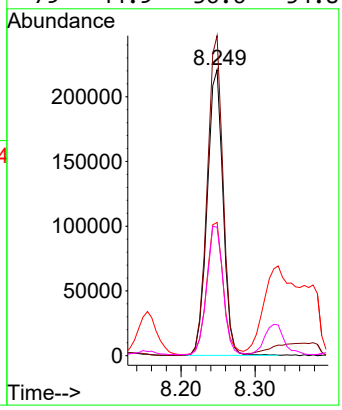




#17
2-Methylphenol
Concen: 32.808 ng
RT: 8.249 min Scan# 9
Delta R.T. 0.024 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:107 Resp: 32677

Ion	Ratio	Lower	Upper
107	100		
108	111.9	89.4	134.0
77	46.6	36.3	54.5
79	44.9	36.6	54.8



Instrument :
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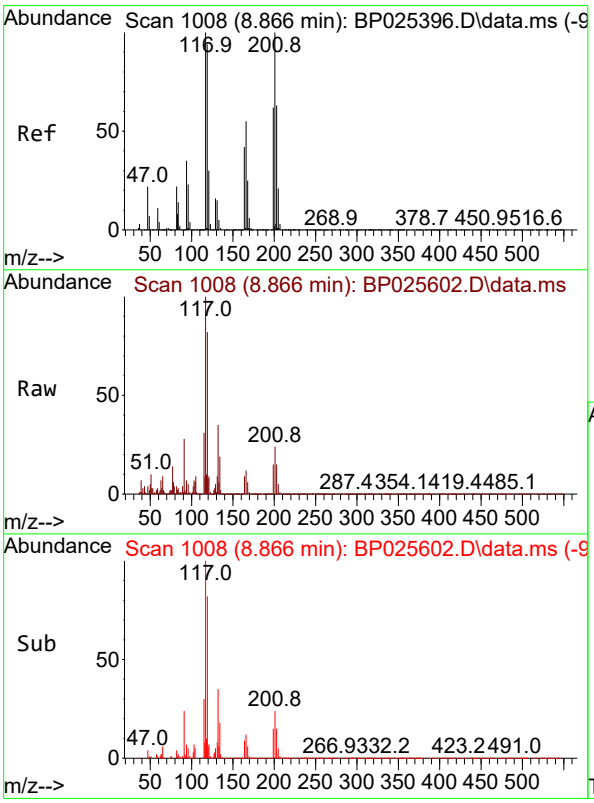
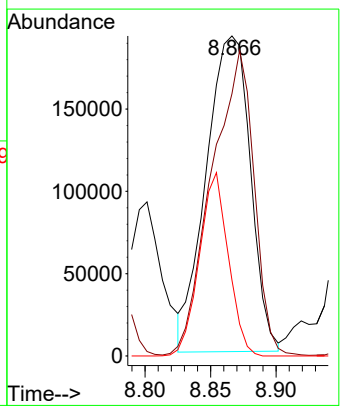
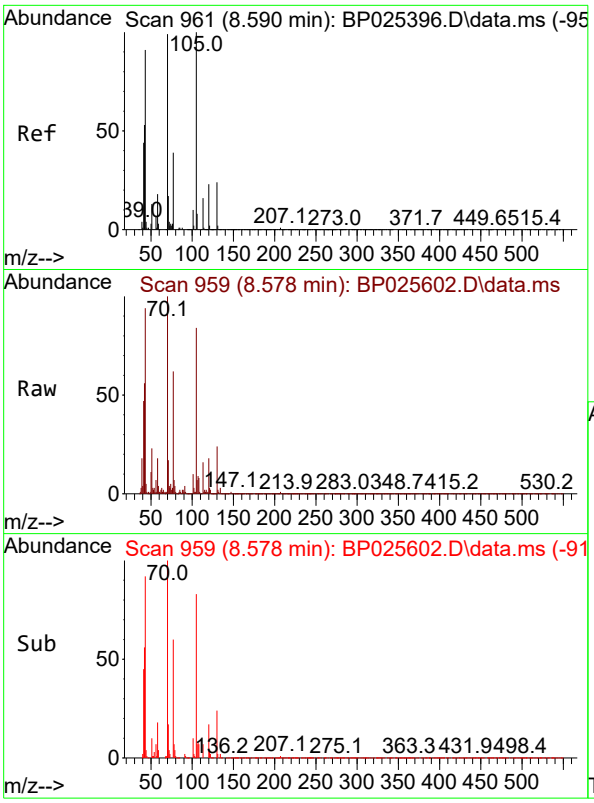


#18
Hexachloroethane
Concen: 90.410 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:117 Resp: 450683

Ion	Ratio	Lower	Upper
117	100		
119	82.0	75.1	112.7
201	23.7	80.1	120.1#

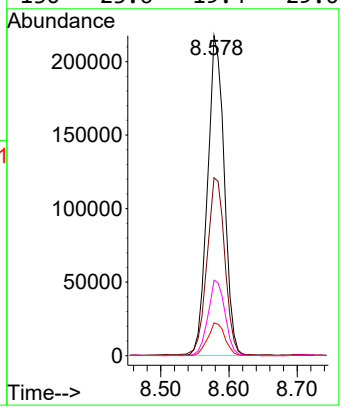




#19
n-Nitroso-di-n-propylamine
Concen: 40.900 ng
RT: 8.578 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion: 70 Resp: 37026

Ion	Ratio	Lower	Upper
70	100		
42	55.6	43.8	65.6
101	10.3	8.5	12.7
130	23.6	19.4	29.0



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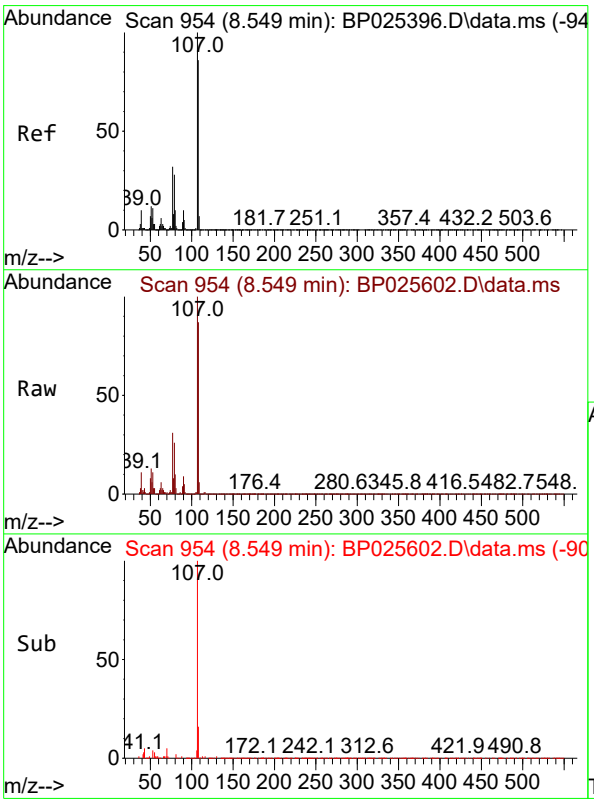
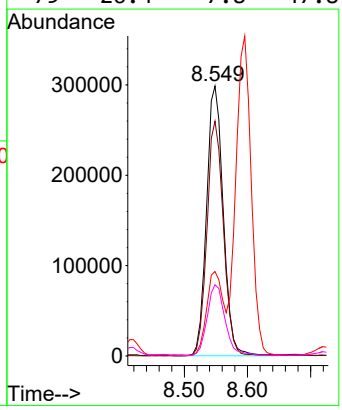
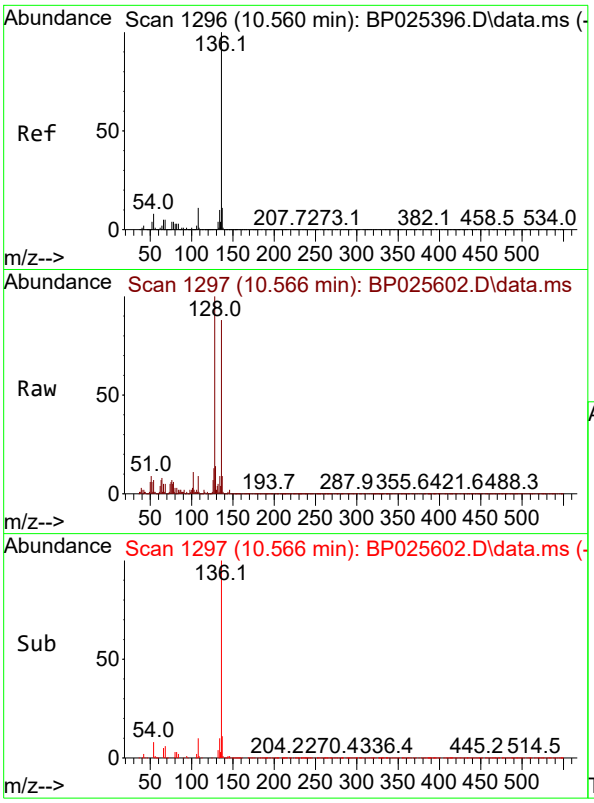


#20
3+4-Methylphenols
Concen: 39.655 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:107 Resp: 547488

Ion	Ratio	Lower	Upper
107	100		
108	87.0	66.3	106.3
77	31.3	12.3	52.3
79	26.4	7.8	47.8

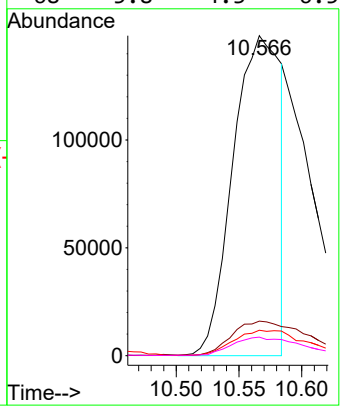




#21
Naphthalene-d8
Concen: 20.000 ng m
RT: 10.566 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:136 Resp: 38908

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.9	6.0	9.0
68	5.8	4.3	6.5



Instrument :
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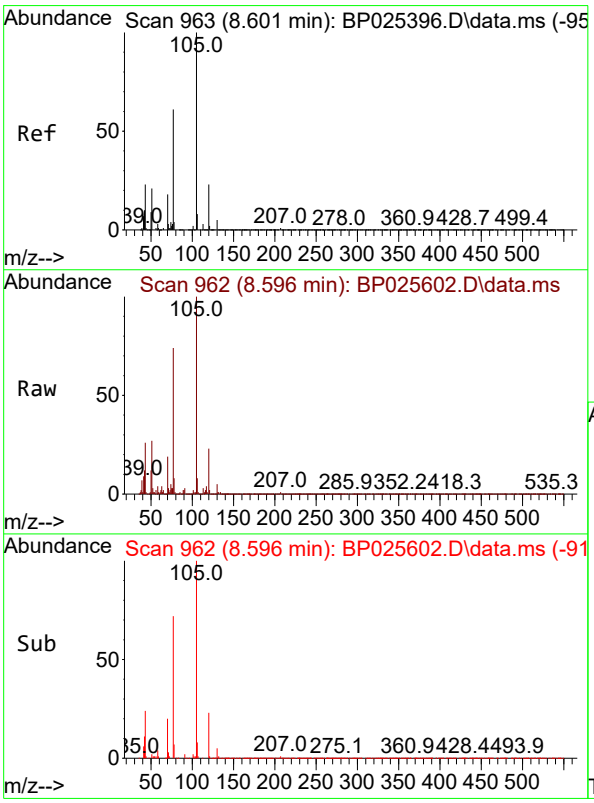
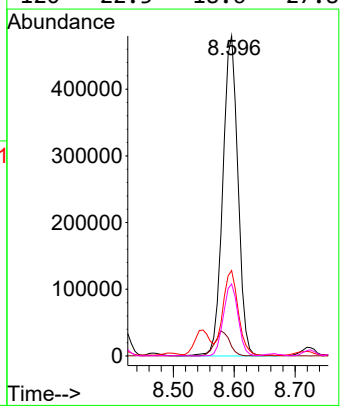
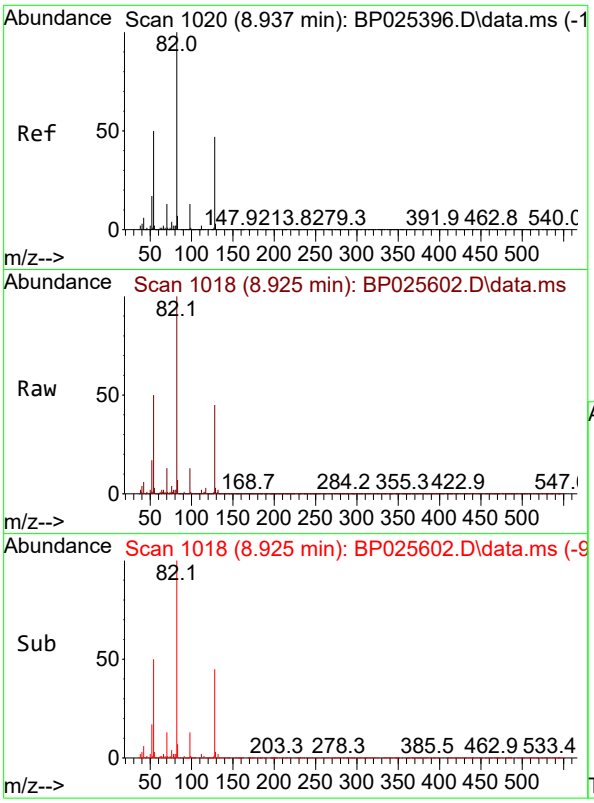


#22
Acetophenone
Concen: 84.900 ng
RT: 8.596 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:105 Resp: 828397

Ion	Ratio	Lower	Upper
105	100		
71	2.9	2.6	4.0
51	26.7	20.6	30.8
120	22.5	18.6	27.8

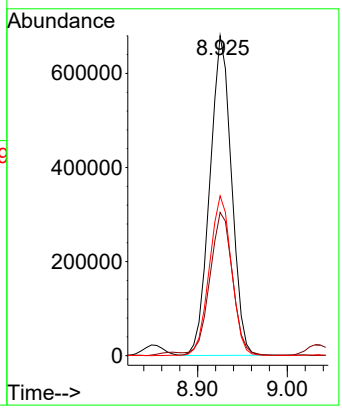




#23
Nitrobenzene-d5
Concen: 148.189 ng
RT: 8.925 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion: 82 Resp: 113980

Ion	Ratio	Lower	Upper
82	100		
128	44.7	37.7	56.5
54	50.0	39.8	59.6



Instrument :
BNA_P
ClientSampleId :
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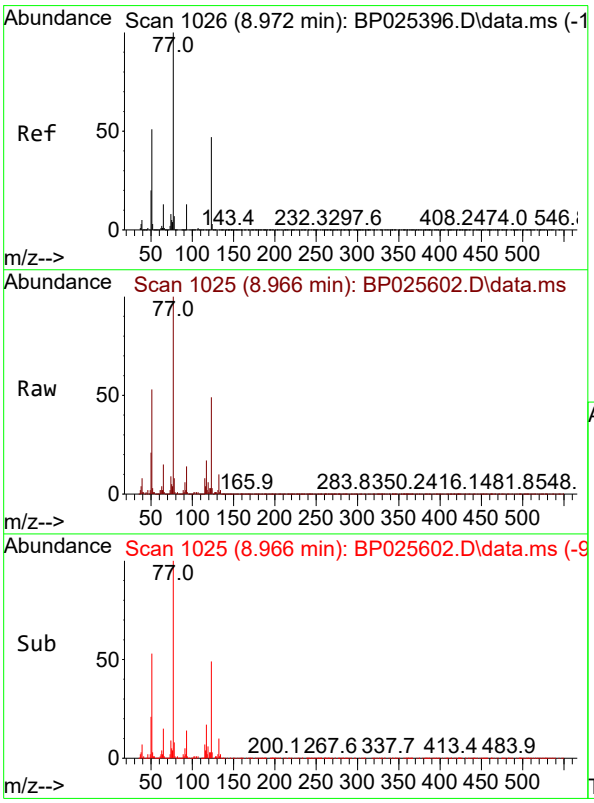
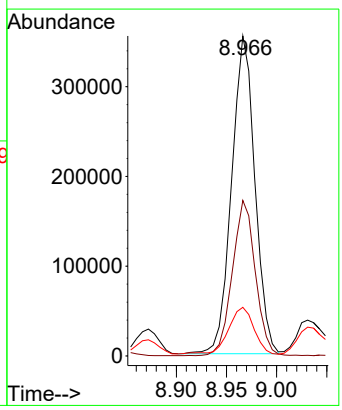
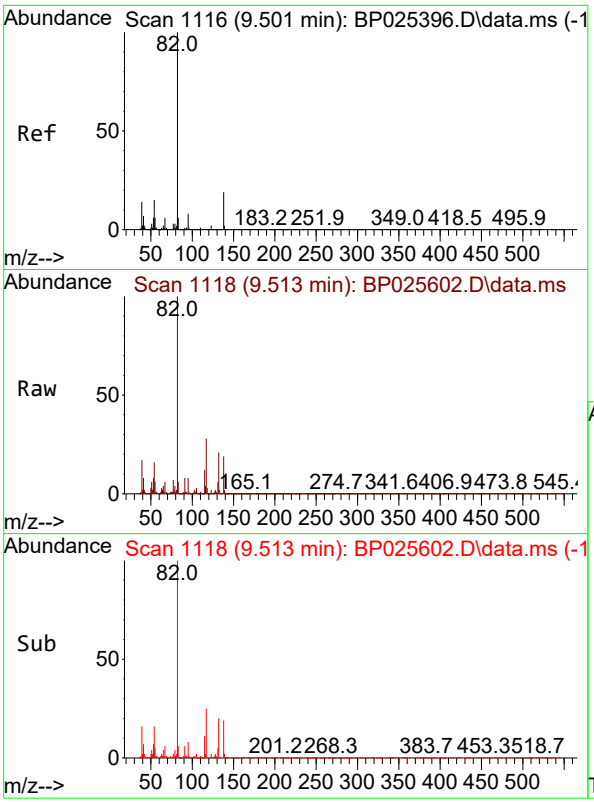


#24
Nitrobenzene
Concen: 83.237 ng
RT: 8.966 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion: 77 Resp: 572174

Ion	Ratio	Lower	Upper
77	100		
123	48.6	38.6	58.0
65	15.2	10.6	15.8





#25
Isophorone
Concen: 79.204 ng
RT: 9.513 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion: 82 Resp: 107812

Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.4	9.6
138	18.8	15.4	23.0

Instrument :
BNA_P
ClientSampleId :
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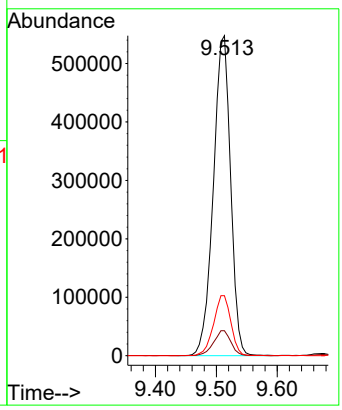
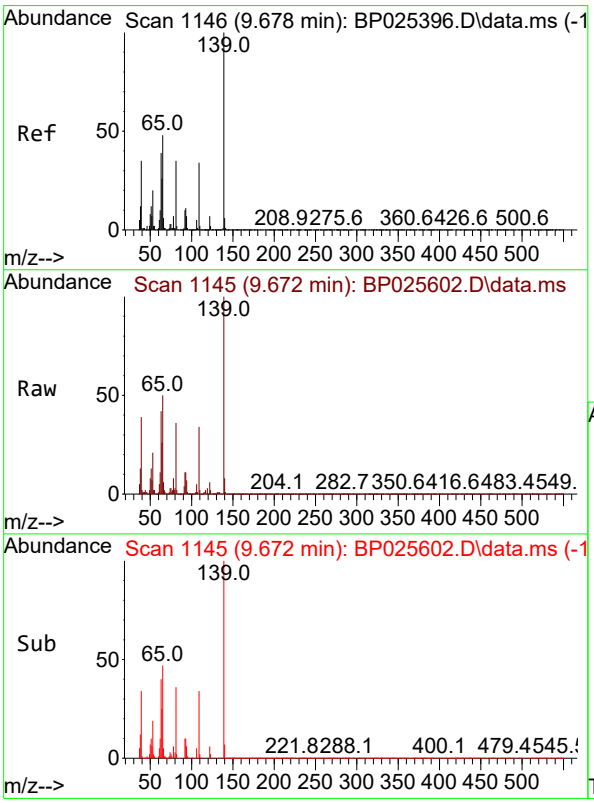
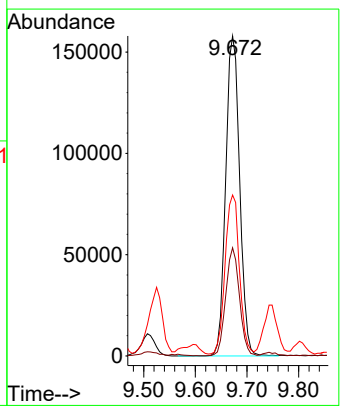


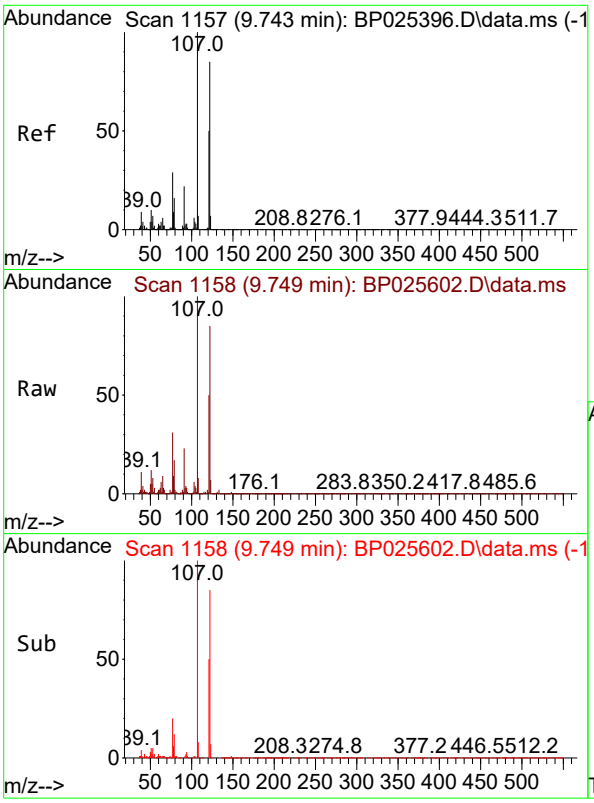


#26
2-Nitrophenol
Concen: 83.956 ng
RT: 9.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:139 Resp: 296181

Ion	Ratio	Lower	Upper
139	100		
109	33.8	26.9	40.3
65	50.3	38.3	57.5

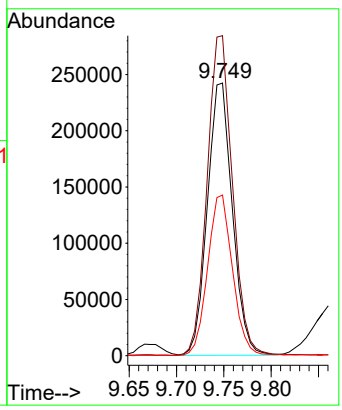




#27
2,4-Dimethylphenol
Concen: 73.364 ng
RT: 9.749 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:122 Resp: 44508

Ion	Ratio	Lower	Upper
122	100		
107	117.3	93.7	140.5
121	58.9	46.6	69.8



Instrument :
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ClientSampleId :
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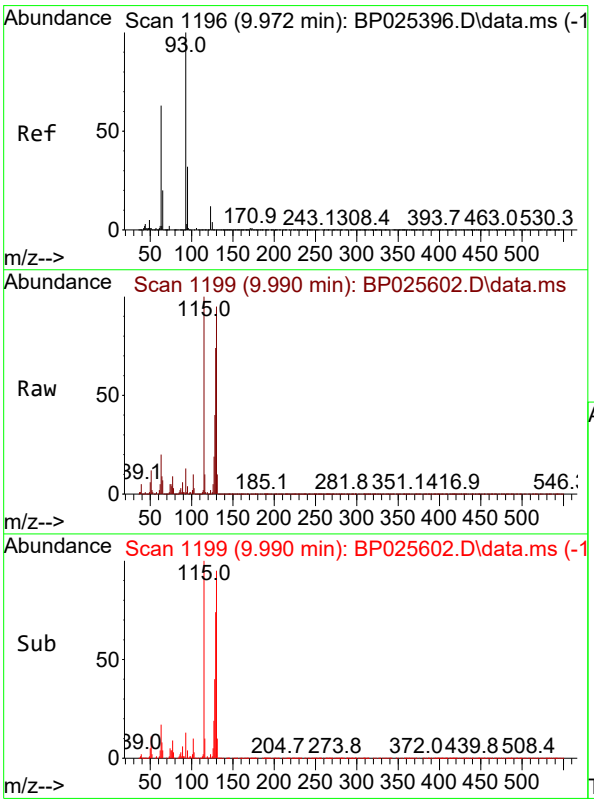
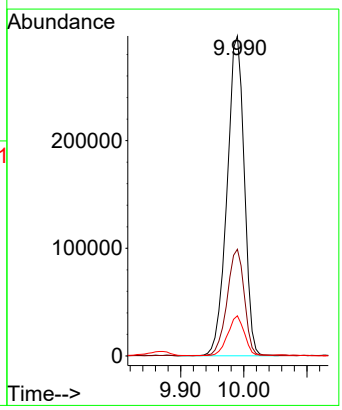
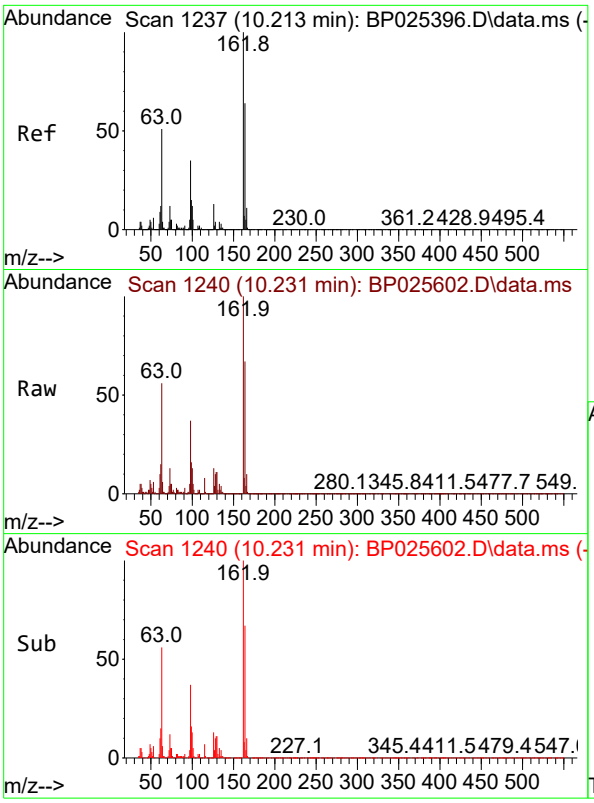


#28
bis(2-Chloroethoxy)methane
Concen: 68.218 ng
RT: 9.990 min Scan# 1199
Delta R.T. 0.018 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion: 93 Resp: 561312

Ion	Ratio	Lower	Upper
93	100		
95	33.4	25.4	38.0
123	12.6	9.4	14.0





#29
2,4-Dichlorophenol
Concen: 78.228 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:162 Resp: 47145

Ion	Ratio	Lower	Upper
162	100		
164	66.5	44.4	84.4
98	37.4	14.9	54.9

Instrument :
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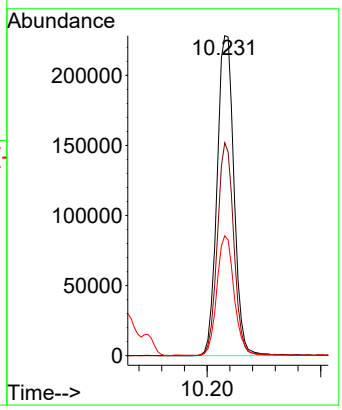
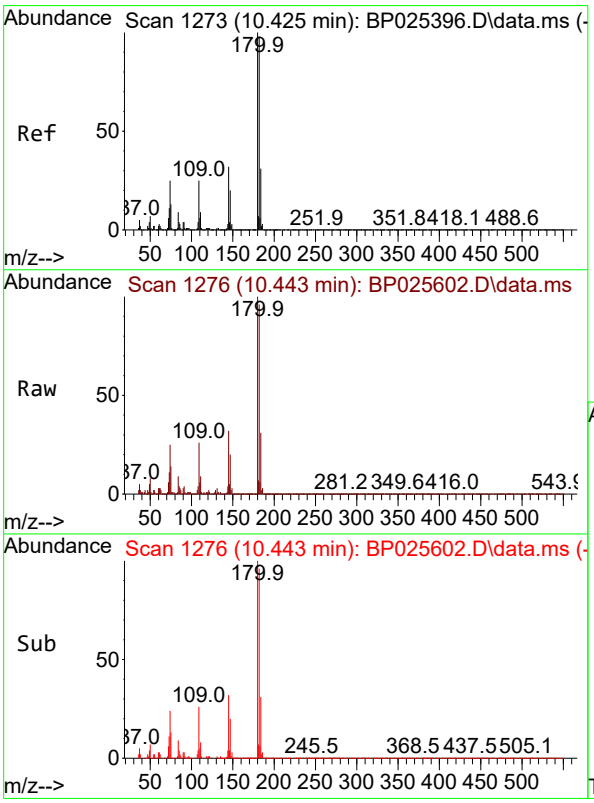
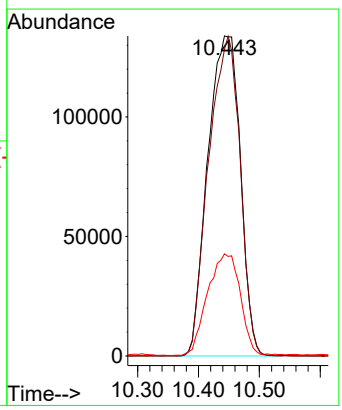


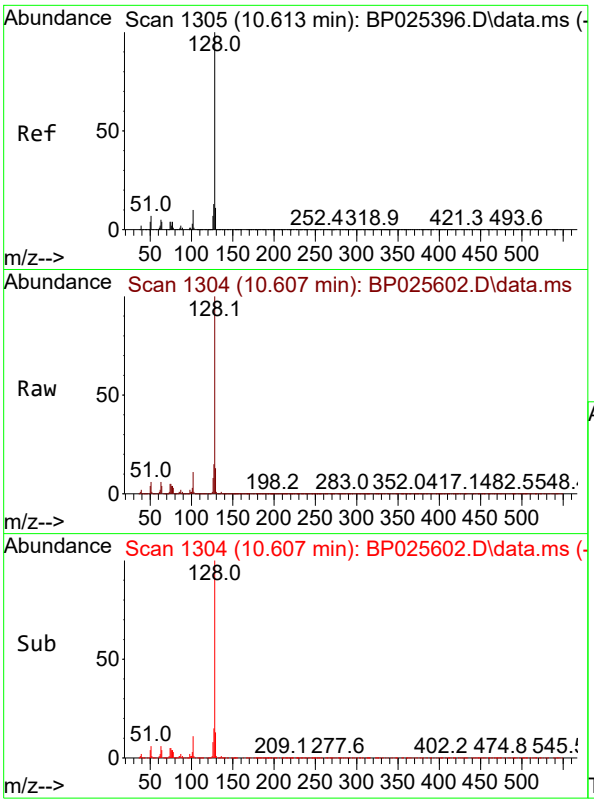


#30
1,2,4-Trichlorobenzene
Concen: 75.260 ng
RT: 10.443 min Scan# 1276
Delta R.T. 0.018 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:180 Resp: 497208

Ion	Ratio	Lower	Upper
180	100		
182	95.8	78.0	117.0
145	31.9	25.9	38.9

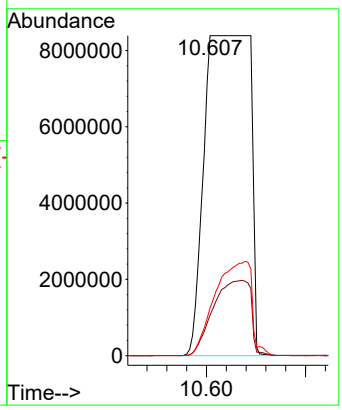




#31
Naphthalene
Concen: 2639.830 ng m
RT: 10.607 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:128 Resp:5338447

Ion	Ratio	Lower	Upper
128	100		
129	12.7	8.6	13.0
127	14.9	10.7	16.1



Instrument :
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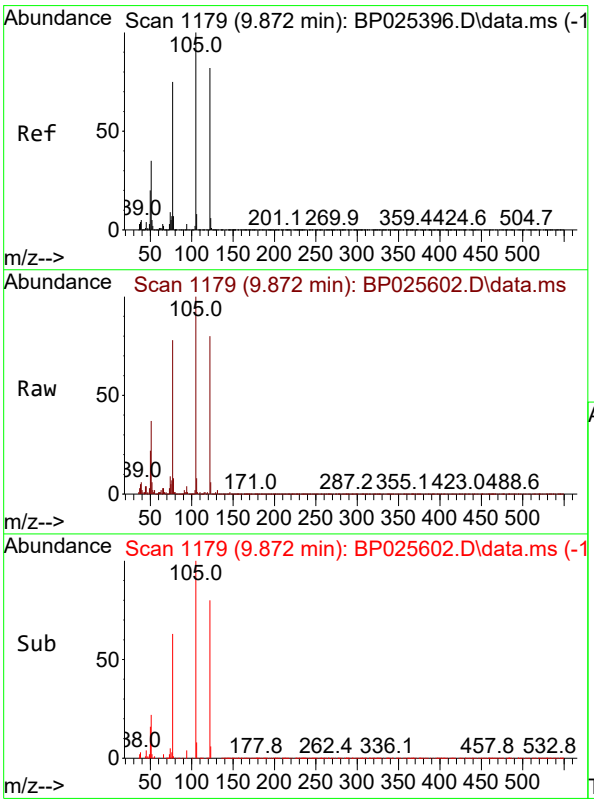
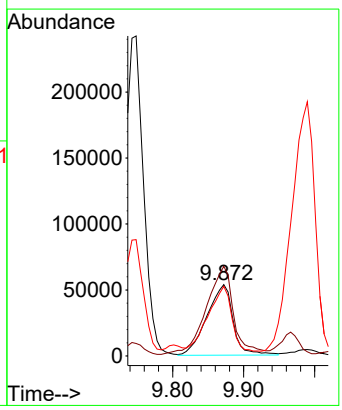
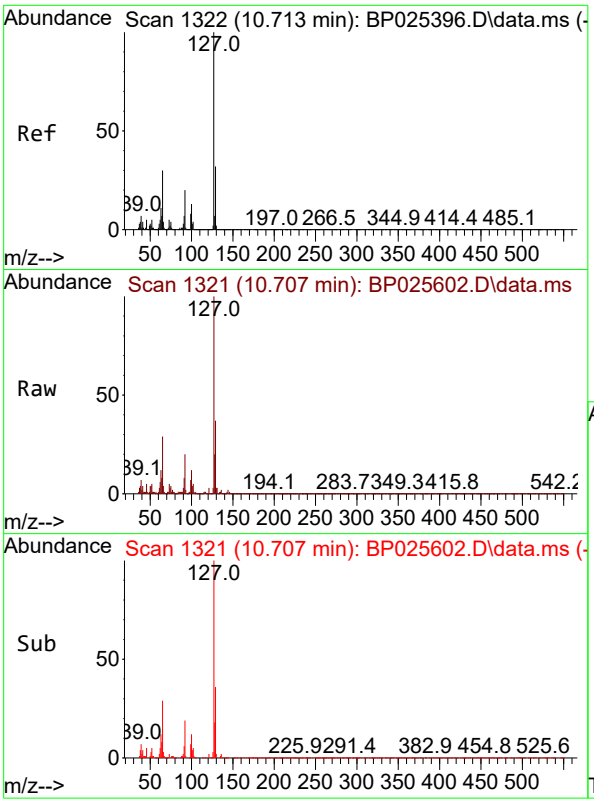


#32
Benzoic acid
Concen: 30.594 ng
RT: 9.872 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:122 Resp: 137031

Ion	Ratio	Lower	Upper
122	100		
105	125.6	100.6	140.6
77	97.5	71.5	111.5

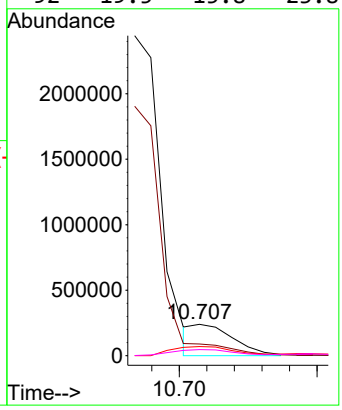




#33
4-Chloroaniline
Concen: 27.615 ng m
RT: 10.707 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:127 Resp: 24667

Ion	Ratio	Lower	Upper
127	100		
129	37.4	25.4	38.2
65	29.1	23.8	35.6
92	19.5	15.8	23.8



Instrument :
BNA_P
ClientSampleId :
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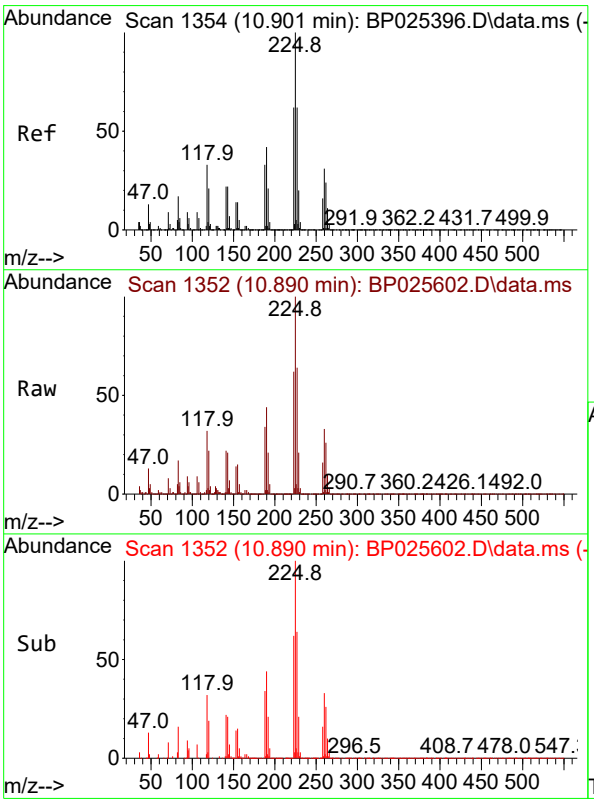
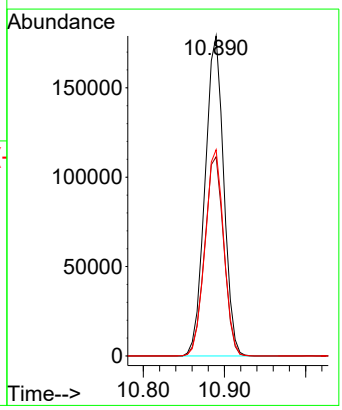
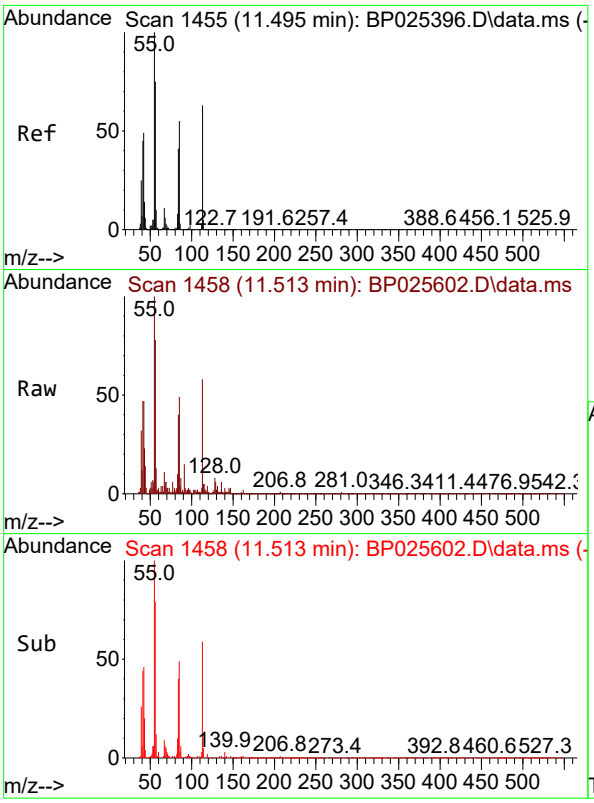


#34
Hexachlorobutadiene
Concen: 69.347 ng
RT: 10.890 min Scan# 1352
Delta R.T. -0.012 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:225 Resp: 285321

Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.0	75.0
227	64.5	49.7	74.5

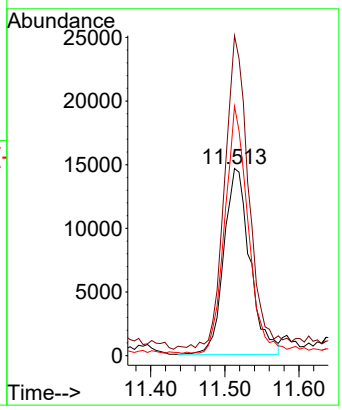




#35
Caprolactam
Concen: 16.181 ng
RT: 11.513 min Scan# 14
Delta R.T. 0.018 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:113 Resp: 3575

Ion	Ratio	Lower	Upper
113	100		
55	171.0	140.0	180.0
56	133.3	100.0	140.0



Instrument :
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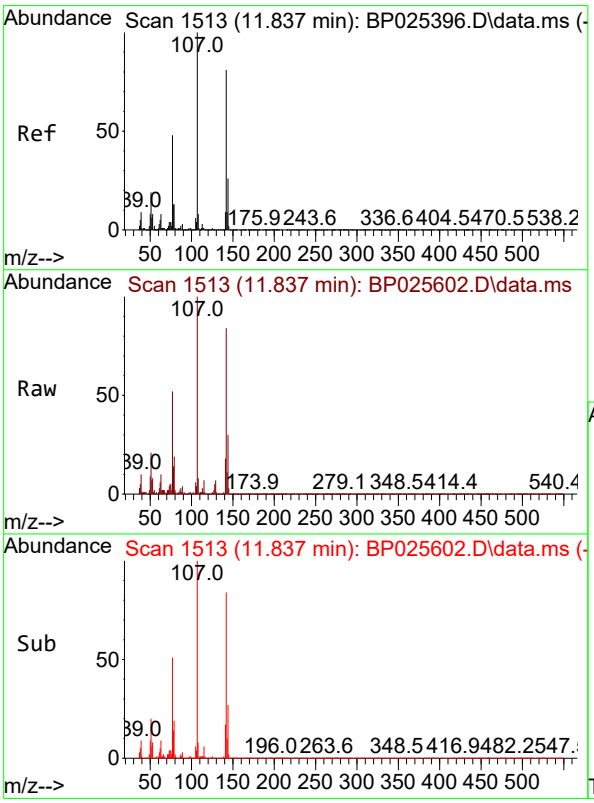
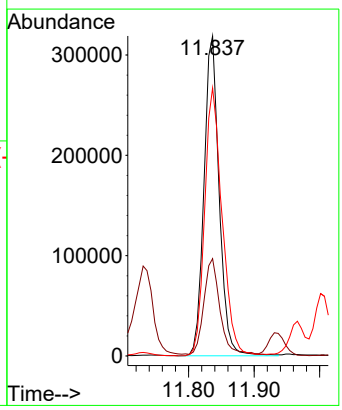
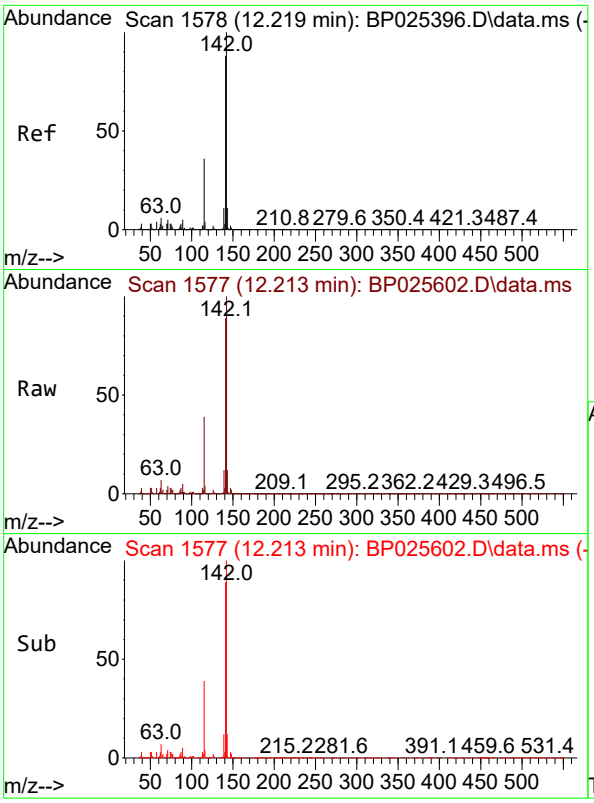


#36
4-Chloro-3-methylphenol
Concen: 74.182 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:107 Resp: 513005

Ion	Ratio	Lower	Upper
107	100		
144	30.4	21.0	31.4
142	83.8	64.6	97.0

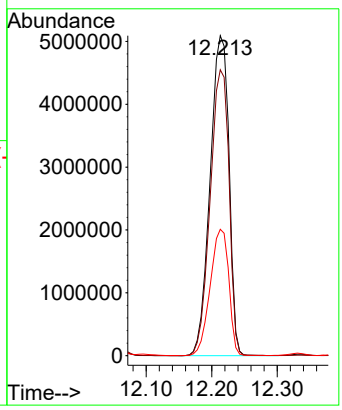




#37
2-Methylnaphthalene
Concen: 772.505 ng
RT: 12.213 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:142 Resp:1016643

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.3	105.5
115	39.5	28.9	43.3



Instrument :
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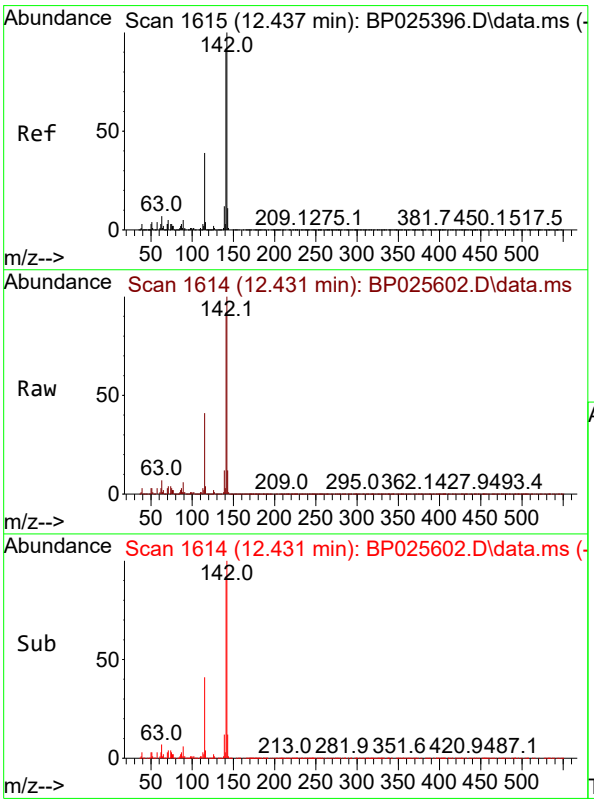
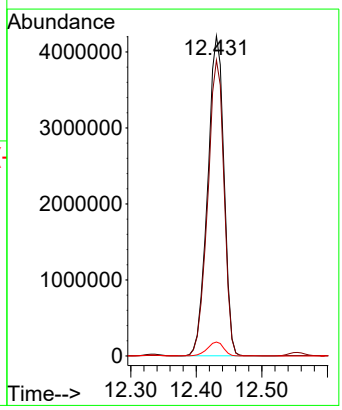
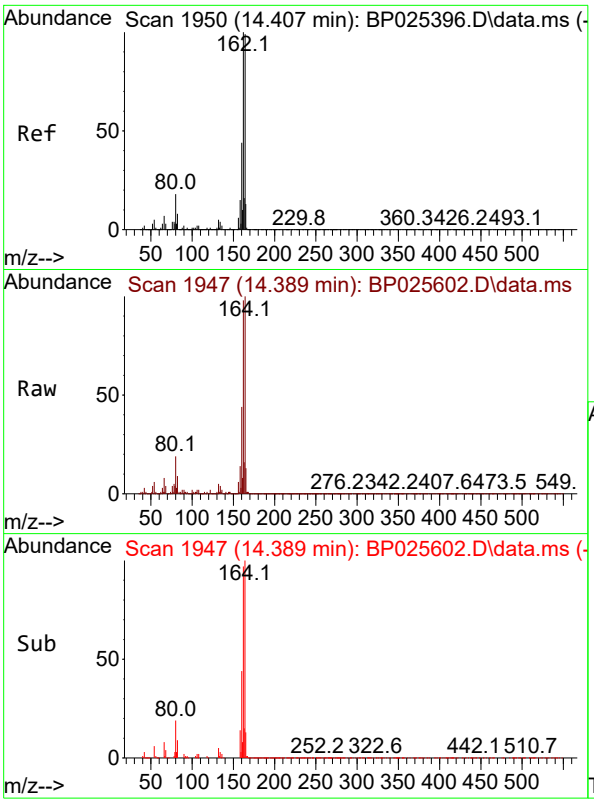


#38
1-Methylnaphthalene
Concen: 520.863 ng
RT: 12.431 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:142 Resp: 7289723

Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.1	109.7
116	4.3	3.2	4.8

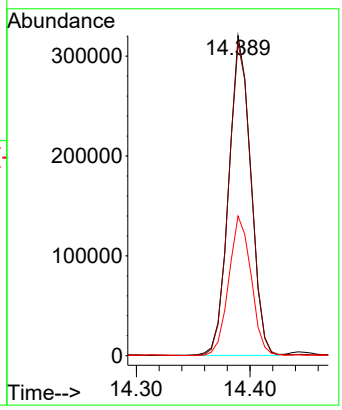




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:164 Resp: 43267

Ion	Ratio	Lower	Upper
164	100		
162	97.6	81.0	121.6
160	43.6	35.4	53.2



Instrument :
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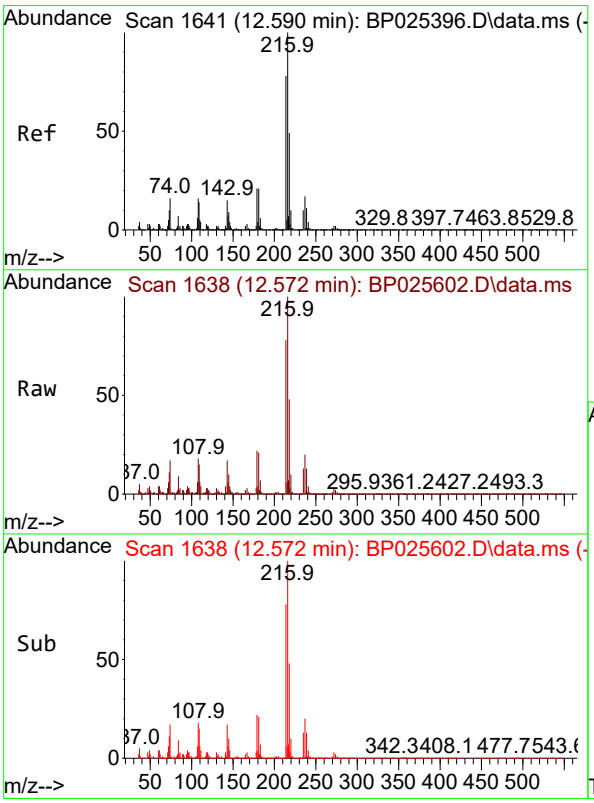
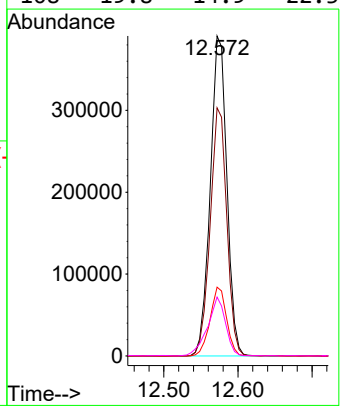
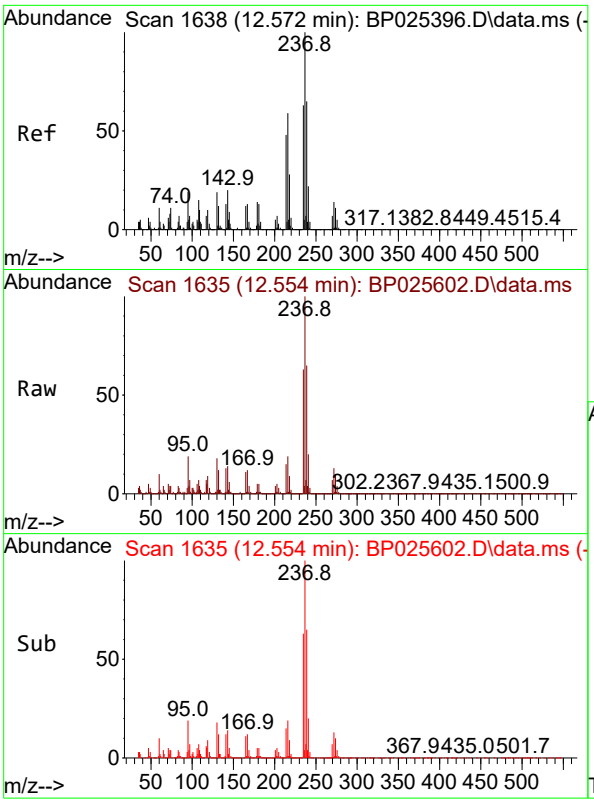


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.606 ng
RT: 12.572 min Scan# 1638
Delta R.T. -0.018 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:216 Resp: 607380

Ion	Ratio	Lower	Upper
216	100		
214	77.7	63.0	94.4
179	21.4	17.1	25.7
108	19.8	14.9	22.3

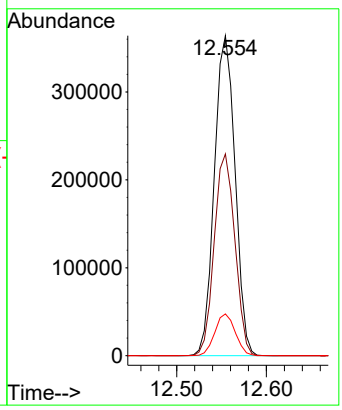




#41
Hexachlorocyclopentadiene
Concen: 77.305 ng
RT: 12.554 min Scan# 1(
Delta R.T. -0.018 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:237 Resp: 58351(

Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.7	82.7
272	13.0	0.0	34.0



Instrument :
BNA_P
ClientSampleId :
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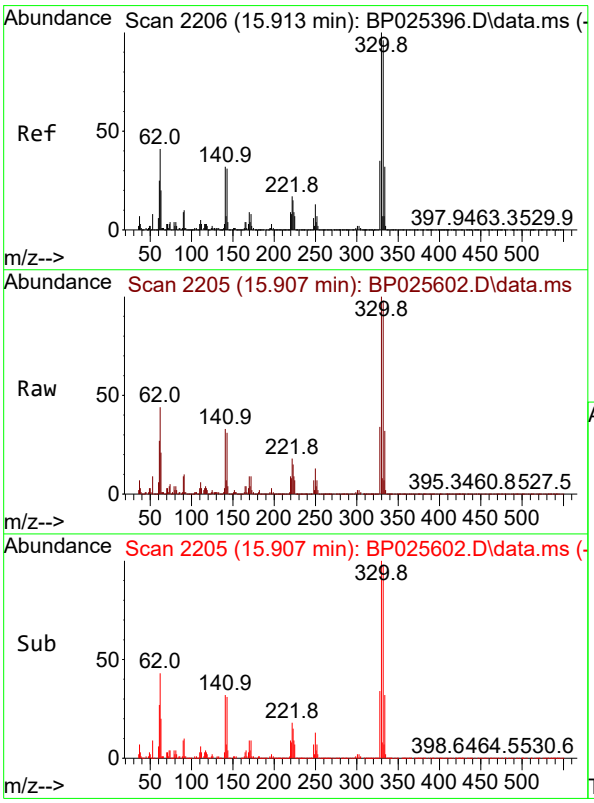
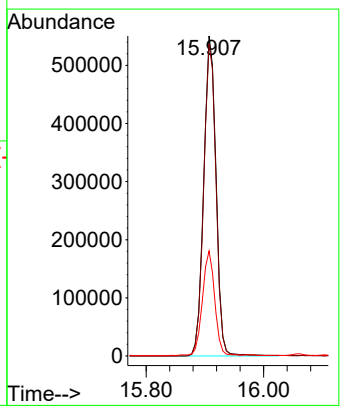
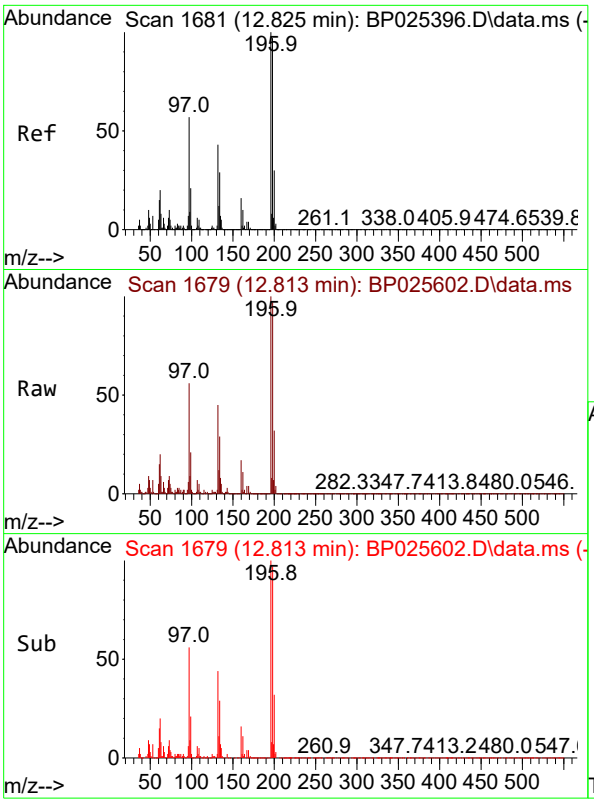


#42
2,4,6-Tribromophenol
Concen: 137.779 ng
RT: 15.907 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:330 Resp: 802398

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	32.7	26.6	39.8





#43
2,4,6-Trichlorophenol
Concen: 48.679 ng
RT: 12.813 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:196 Resp: 41066

Ion	Ratio	Lower	Upper
196	100		
198	97.3	77.2	115.8
200	31.6	23.9	35.9

Instrument :
BNA_P
ClientSampleId :
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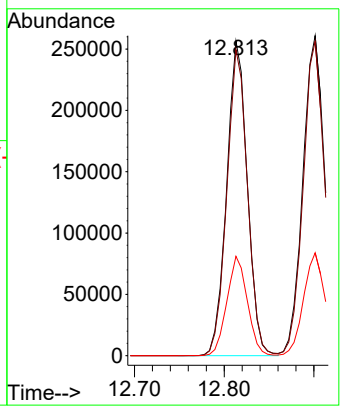
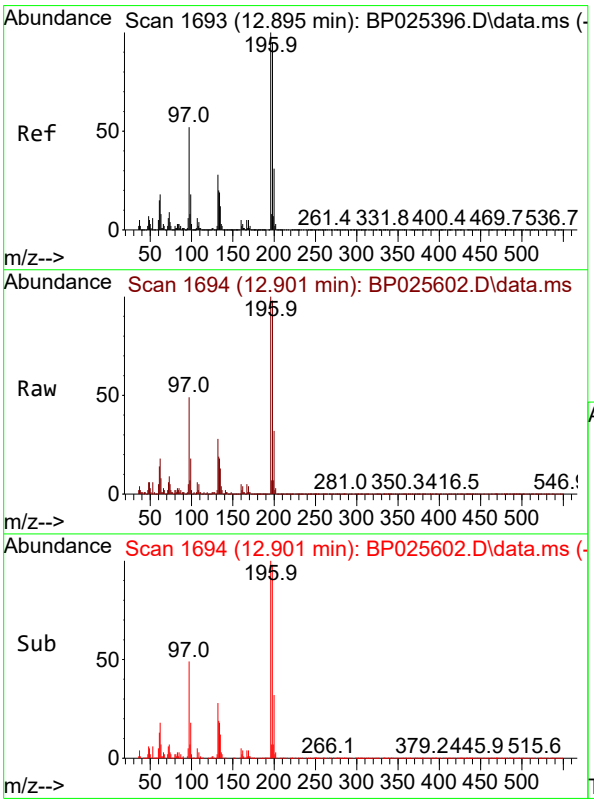
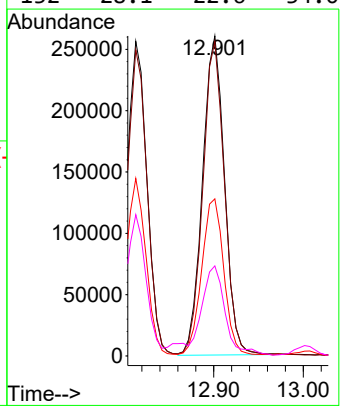


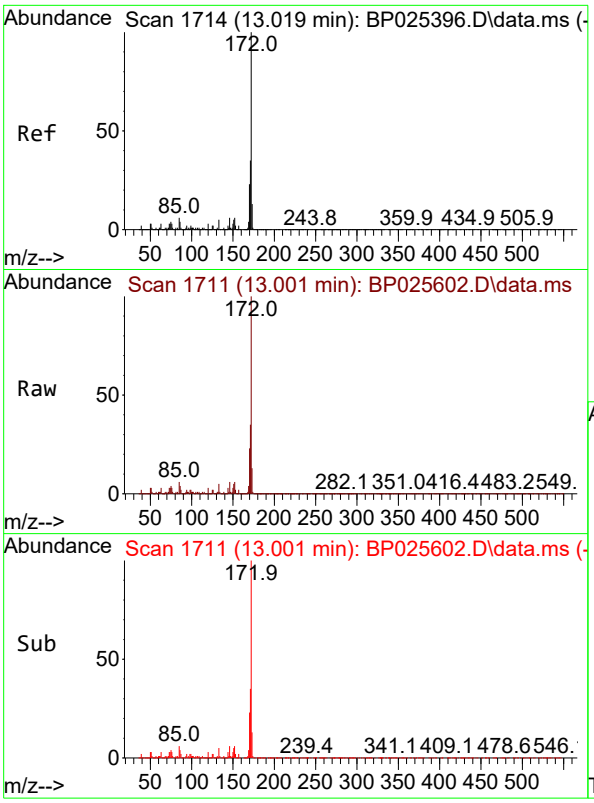


#44
2,4,5-Trichlorophenol
Concen: 47.879 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:196 Resp: 442682

Ion	Ratio	Lower	Upper
196	100		
198	98.2	76.2	114.2
97	49.1	41.2	61.8
132	28.1	22.6	34.0

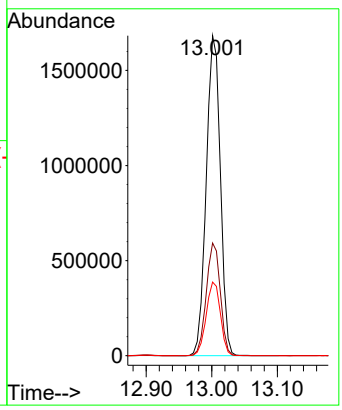




#45
2-Fluorobiphenyl
Concen: 79.649 ng
RT: 13.001 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:172 Resp: 252155

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.1	42.1
170	23.0	18.6	28.0



Instrument :
BNA_P
ClientSampleId :
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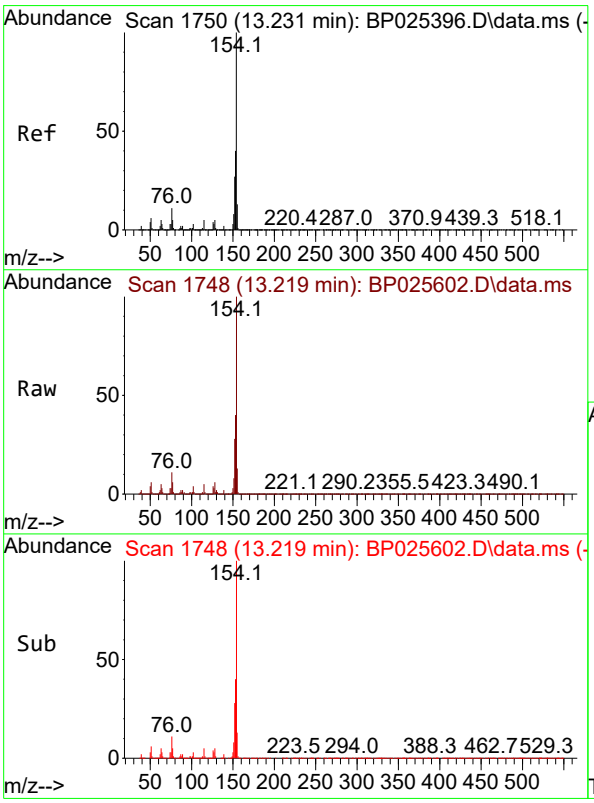
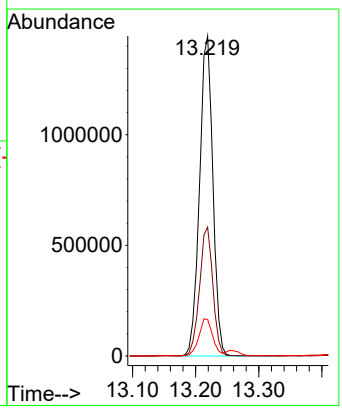
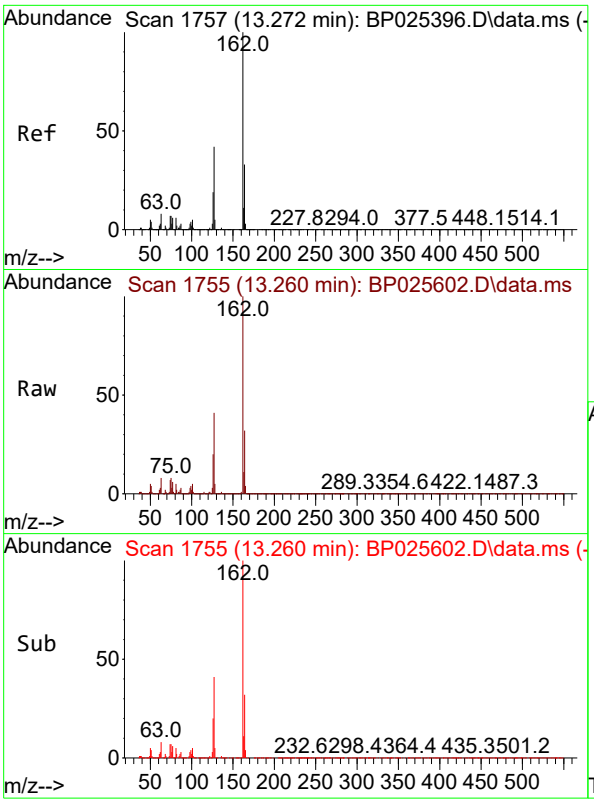


#46
1,1'-Biphenyl
Concen: 67.534 ng
RT: 13.219 min Scan# 1748
Delta R.T. -0.012 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:154 Resp: 2122145

Ion	Ratio	Lower	Upper
154	100		
153	40.3	19.5	59.5
76	11.4	0.0	31.1

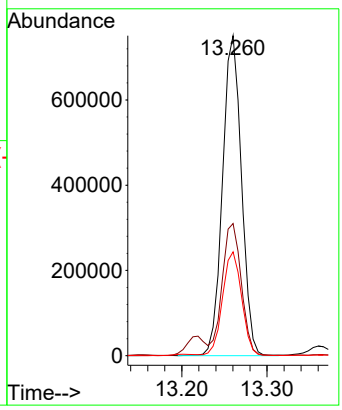




#47
2-Chloronaphthalene
Concen: 47.397 ng
RT: 13.260 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:162 Resp: 115945

Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.4	50.2
164	32.5	26.2	39.2



Instrument :
BNA_P
ClientSampleId :
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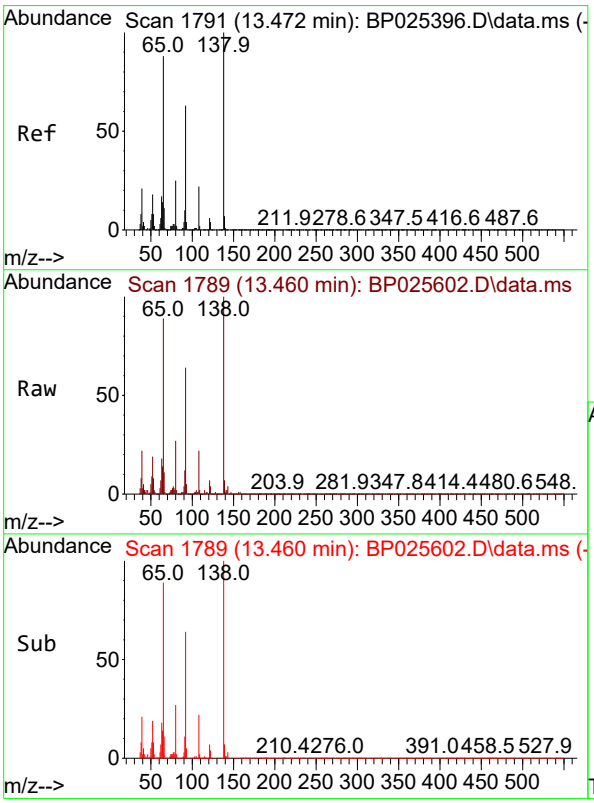
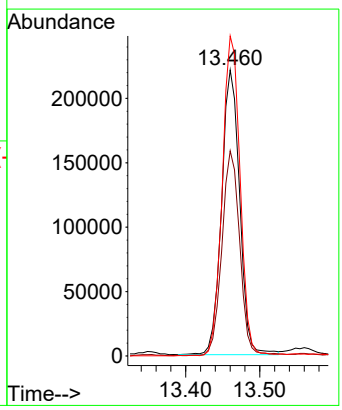
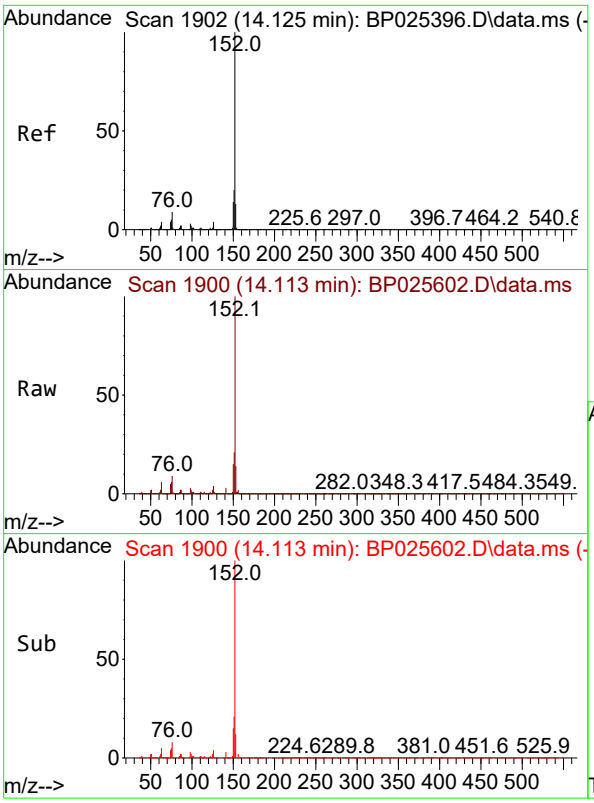


#48
2-Nitroaniline
Concen: 52.466 ng
RT: 13.460 min Scan# 1789
Delta R.T. -0.012 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion: 65 Resp: 373967

Ion	Ratio	Lower	Upper
65	100		
92	71.7	57.6	86.4
138	111.8	91.0	136.6

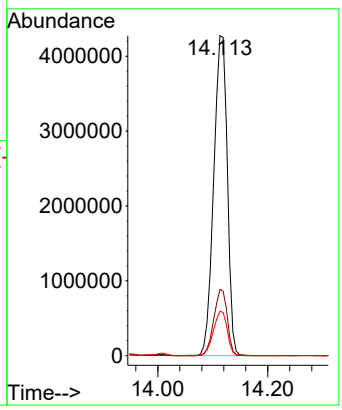




#49
Acenaphthylene
Concen: 181.084 ng
RT: 14.113 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:152 Resp: 733004

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.0	24.0
153	13.9	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
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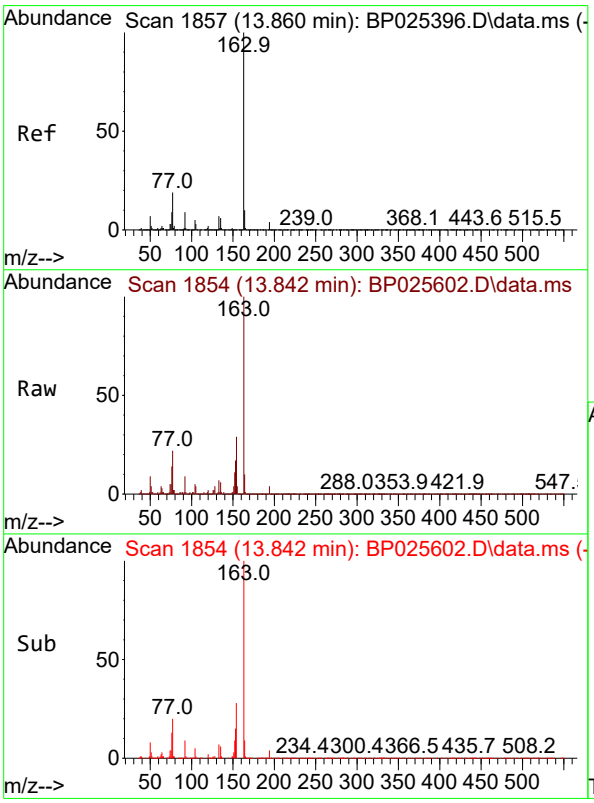
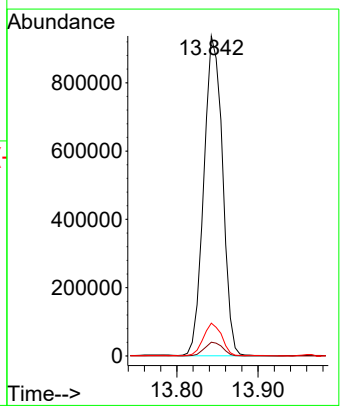
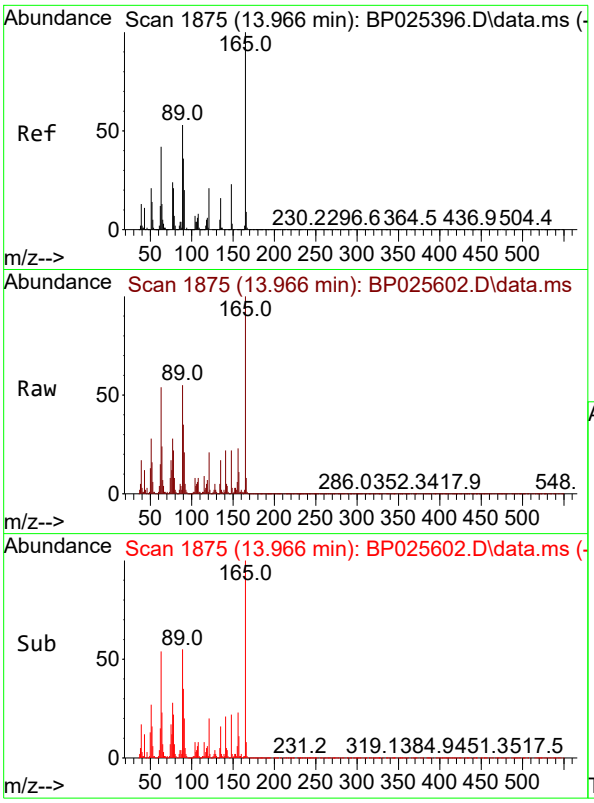


#50
Dimethylphthalate
Concen: 47.263 ng
RT: 13.842 min Scan# 1854
Delta R.T. -0.018 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:163 Resp: 1497485

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.3	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 49.828 ng
RT: 13.966 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:165 Resp: 33275

Ion	Ratio	Lower	Upper
165	100		
63	54.0	40.9	61.3
89	54.8	42.1	63.1

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MS

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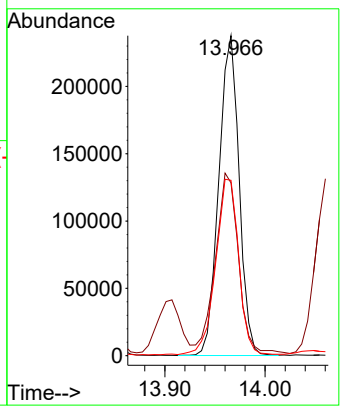
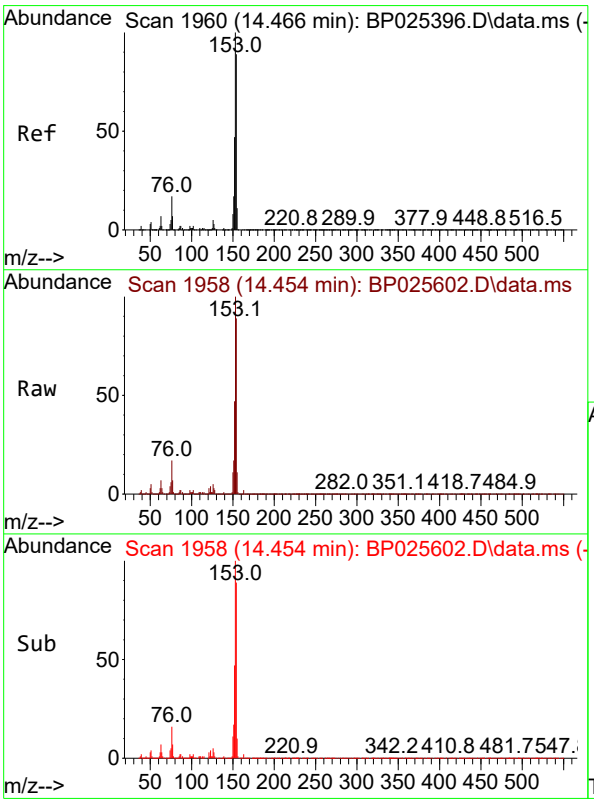
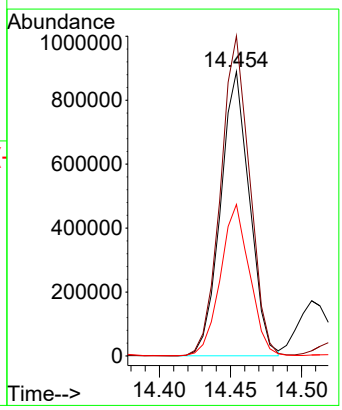


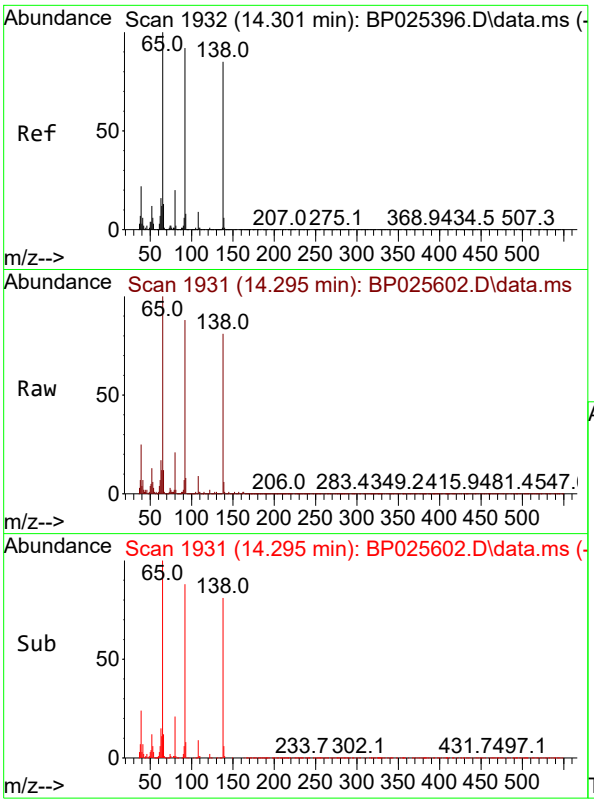


#52
Acenaphthene
Concen: 53.012 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:154 Resp: 1259575

Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.2	135.2
152	53.3	42.1	63.1





#53
3-Nitroaniline
Concen: 30.729 ng
RT: 14.295 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MS

Tgt Ion:138 Resp: 23088

Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.3	12.5
92	109.4	86.2	129.2

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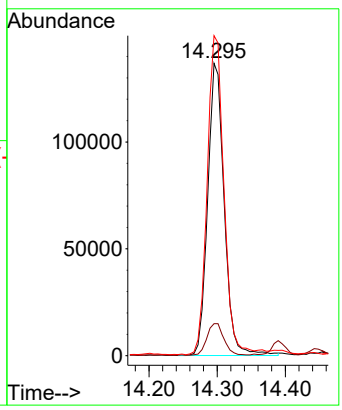
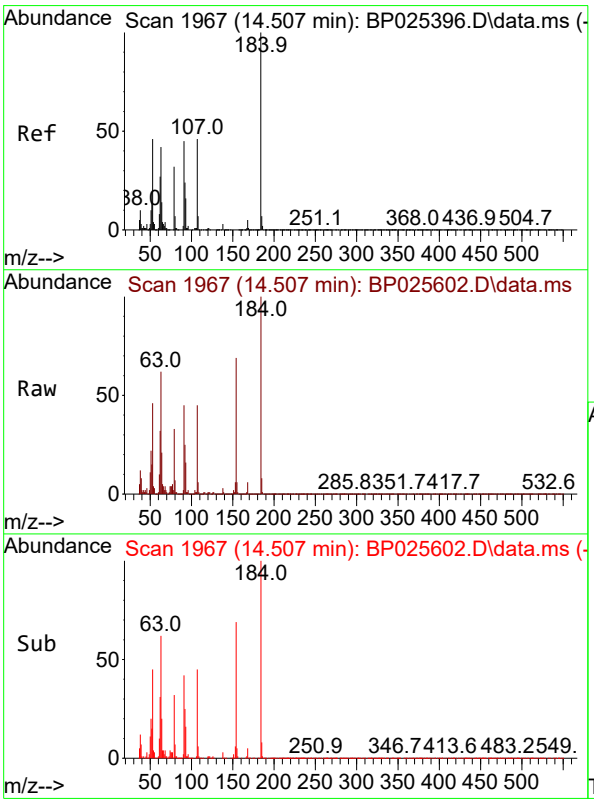
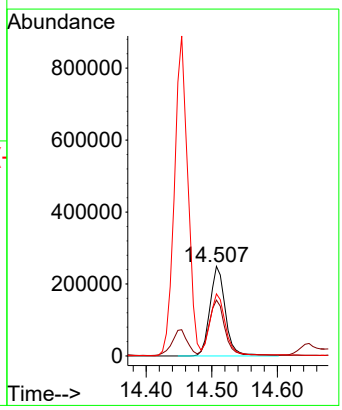


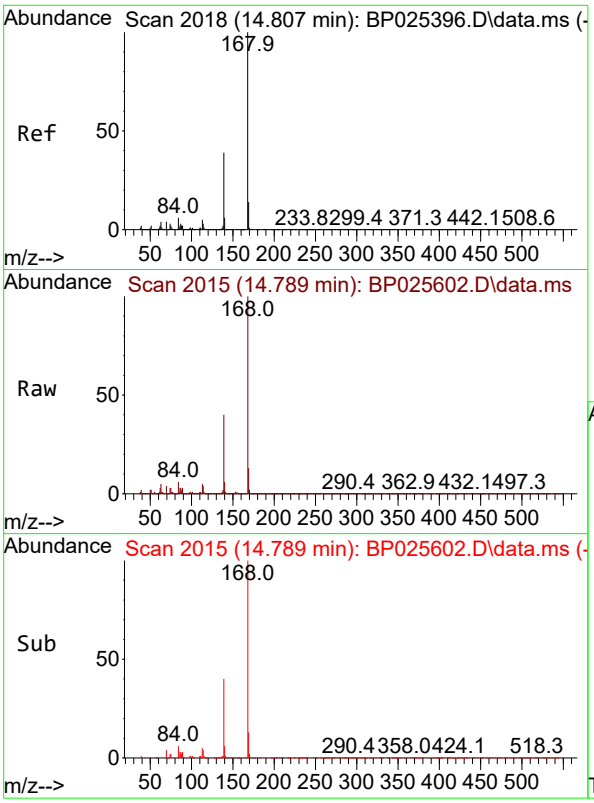


#54
2,4-Dinitrophenol
Concen: 114.285 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:184 Resp: 407573

Ion	Ratio	Lower	Upper
184	100		
63	62.4	49.4	74.2
154	69.4	54.6	82.0

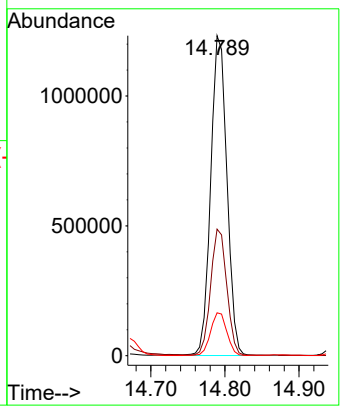




#55
Dibenzofuran
Concen: 49.740 ng
RT: 14.789 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:168 Resp: 186847

Ion	Ratio	Lower	Upper
168	100		
139	39.6	31.5	47.3
169	13.4	10.9	16.3



Instrument :
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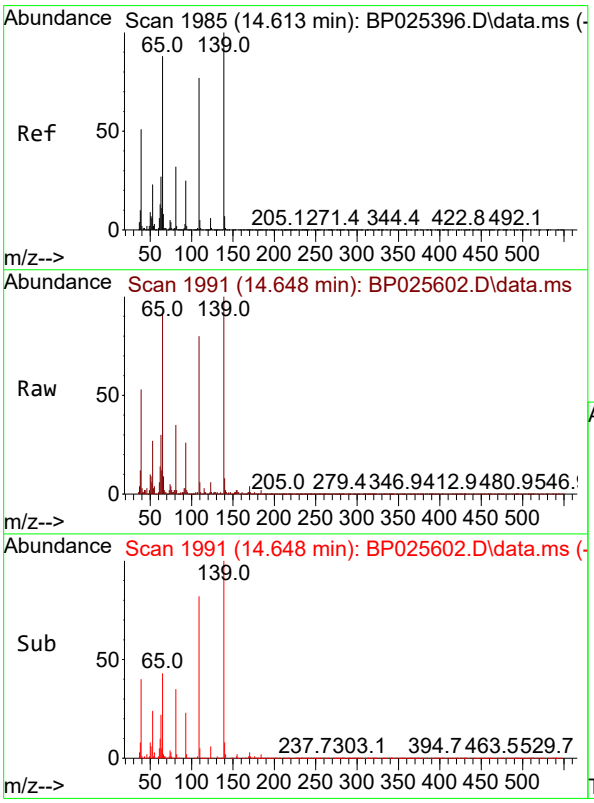
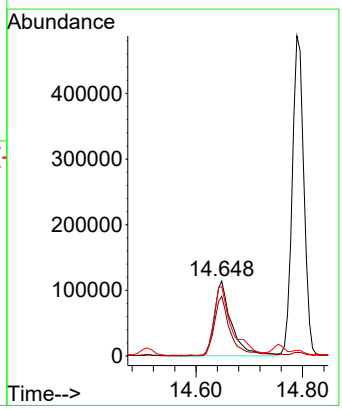
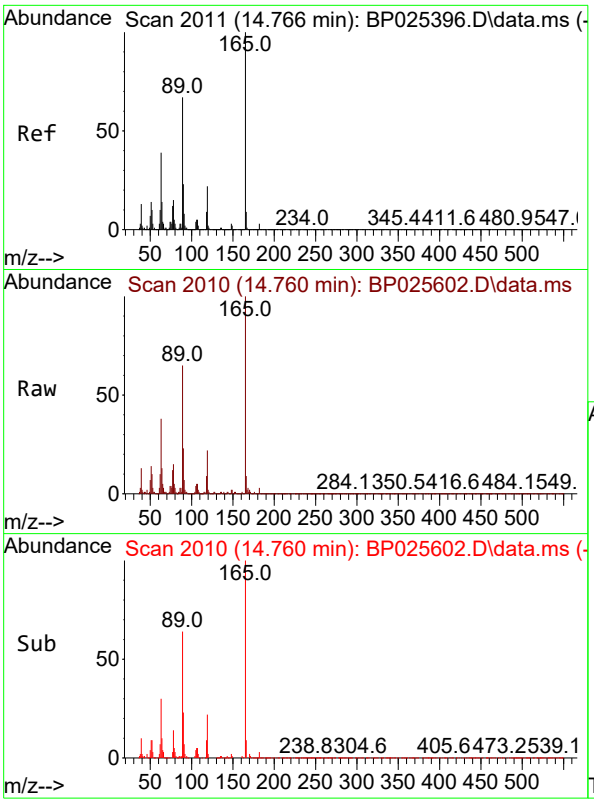


#56
4-Nitrophenol
Concen: 40.778 ng
RT: 14.648 min Scan# 1991
Delta R.T. 0.035 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:139 Resp: 251770

Ion	Ratio	Lower	Upper
139	100		
109	79.7	56.6	96.6
65	92.5	68.2	108.2

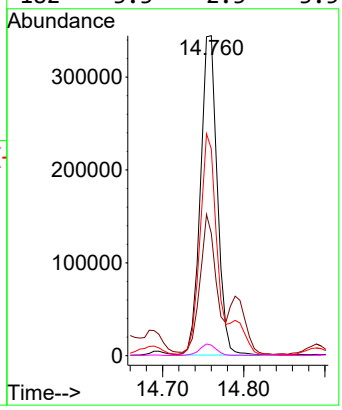




#57
2,4-Dinitrotoluene
Concen: 51.735 ng
RT: 14.760 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:165 Resp: 49293

Ion	Ratio	Lower	Upper
165	100		
63	38.2	31.4	47.2
89	64.6	53.3	79.9
182	3.3	2.3	3.5



Instrument :
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ClientSampleId :
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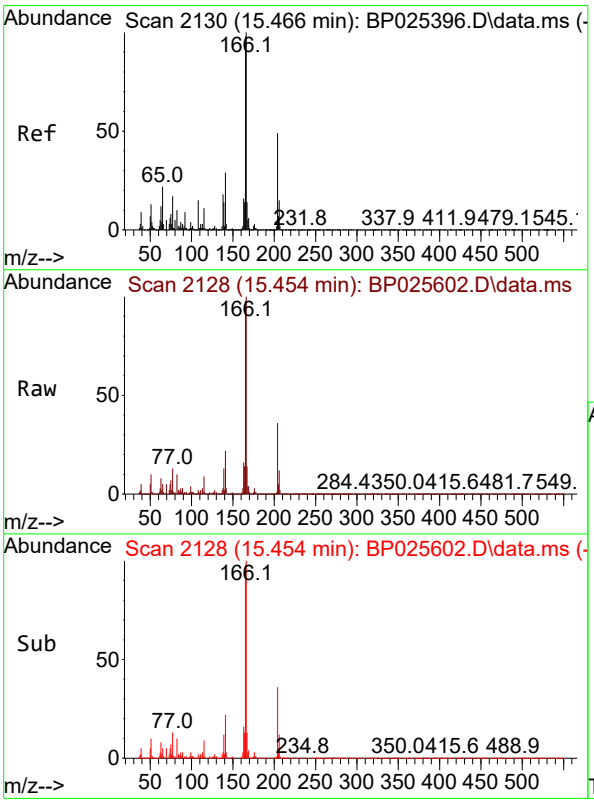
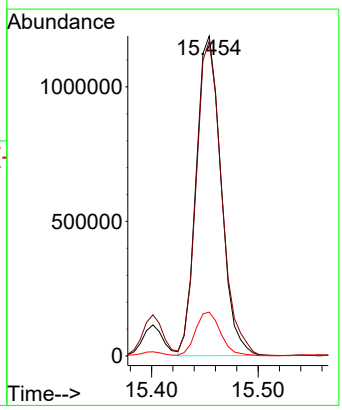
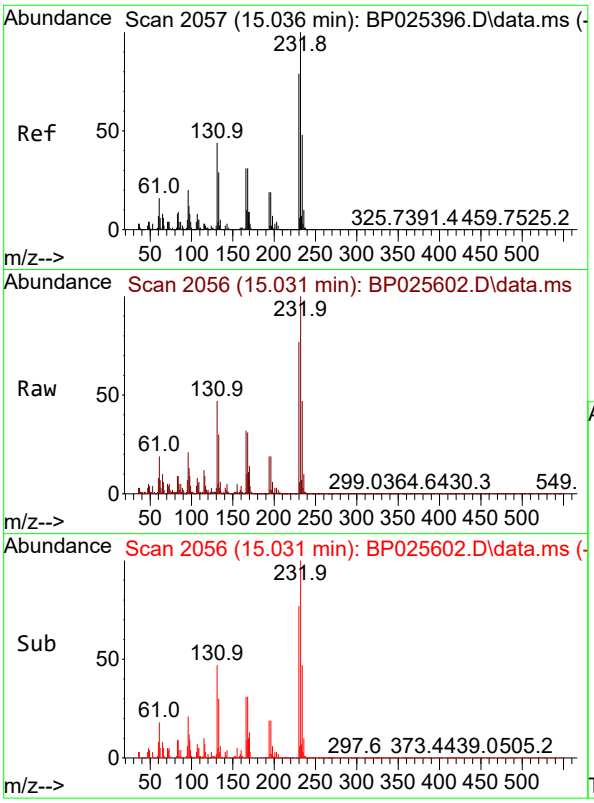


#58
Fluorene
Concen: 65.105 ng
RT: 15.454 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:166 Resp: 1929806

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.8	118.2
167	13.7	11.0	16.4

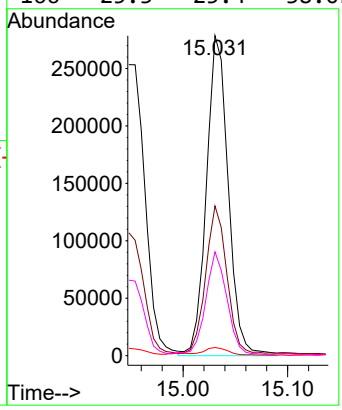




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.575 ng m
RT: 15.031 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:232 Resp: 40472

Ion	Ratio	Lower	Upper
232	100		
131	41.0	37.0	55.6
130	2.6	1.9	2.9
166	25.3	25.4	38.0#



Instrument :
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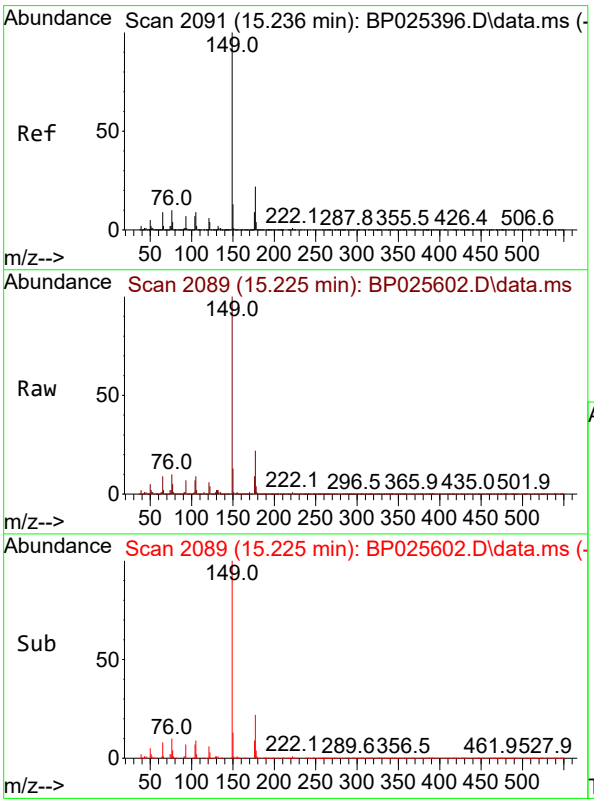
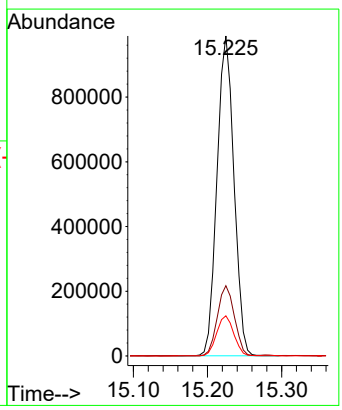
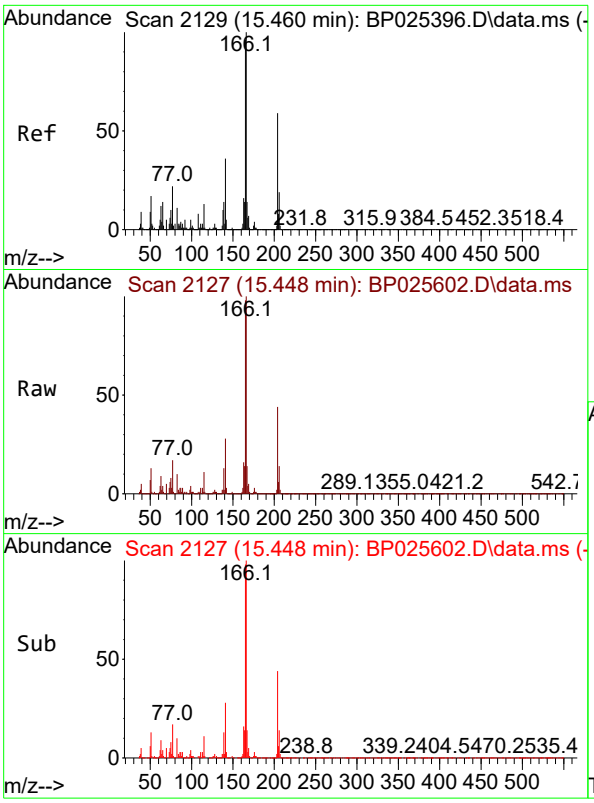


#60
Diethylphthalate
Concen: 48.789 ng
RT: 15.225 min Scan# 2089
Delta R.T. -0.012 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:149 Resp: 1570718

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.3	25.9
150	12.6	10.3	15.5





#61
4-Chlorophenyl-phenylether
Concen: 47.029 ng
RT: 15.448 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:204 Resp: 69329

Ion	Ratio	Lower	Upper
204	100		
206	32.1	25.8	38.8
141	63.4	49.4	74.2

Instrument :
BNA_P
ClientSampleId :
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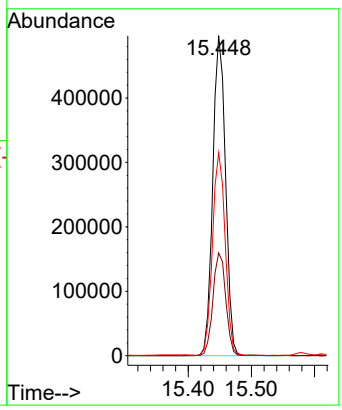
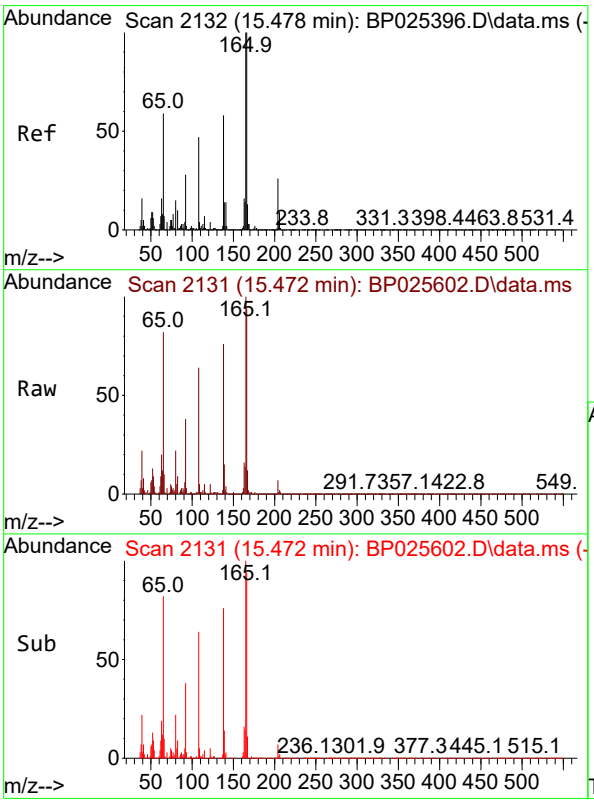
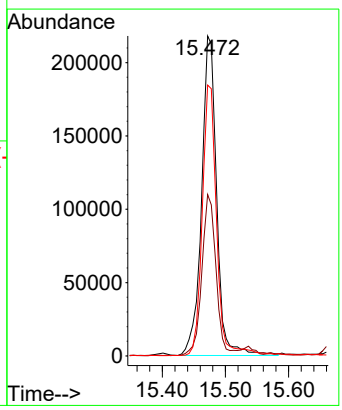


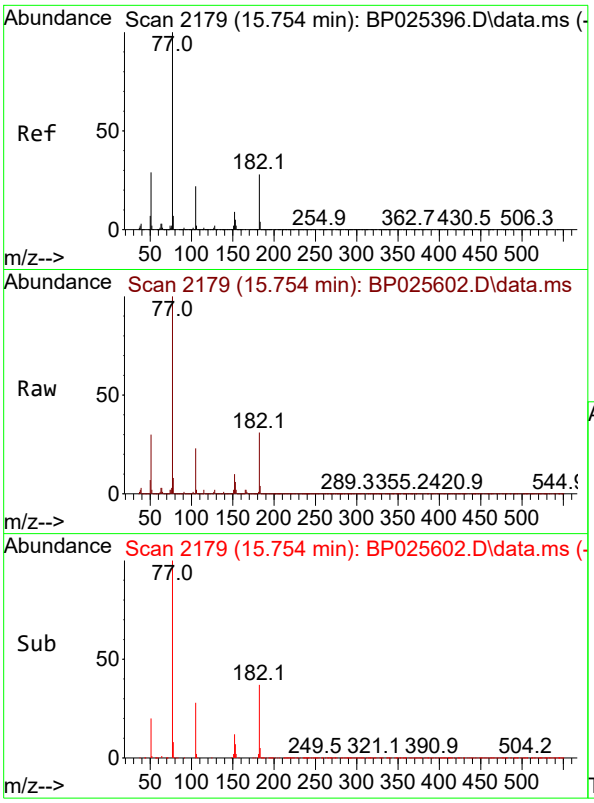


#62
4-Nitroaniline
Concen: 47.020 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:138 Resp: 362177

Ion	Ratio	Lower	Upper
138	100		
92	50.5	29.1	69.1
108	84.6	61.5	101.5

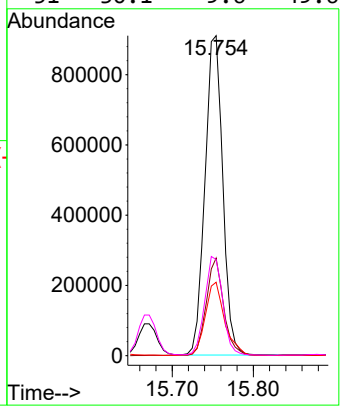




#63
Azobenzene
Concen: 50.074 ng
RT: 15.754 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion: 77 Resp: 138037

Ion	Ratio	Lower	Upper
77	100		
182	30.5	7.5	47.5
105	23.0	2.1	42.1
51	30.1	9.6	49.6



Instrument :
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ClientSampleId :
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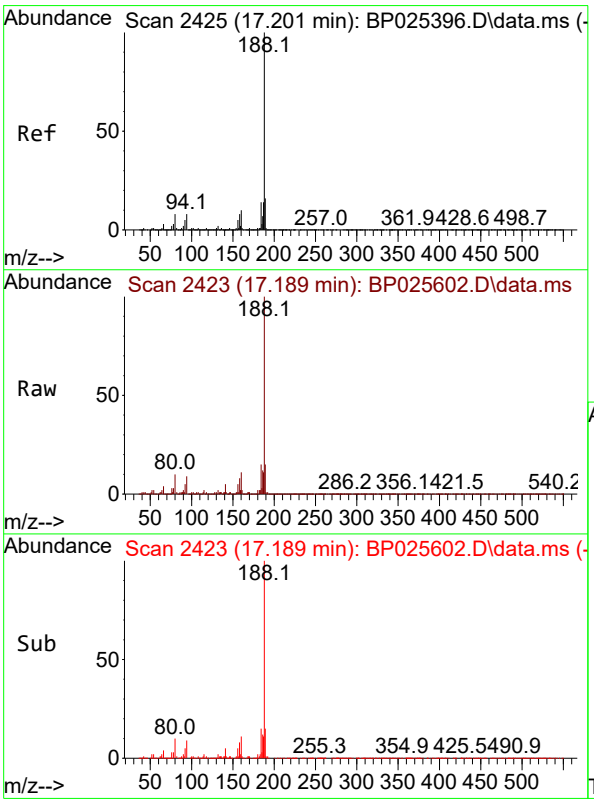
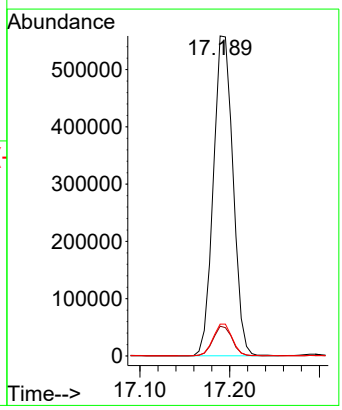
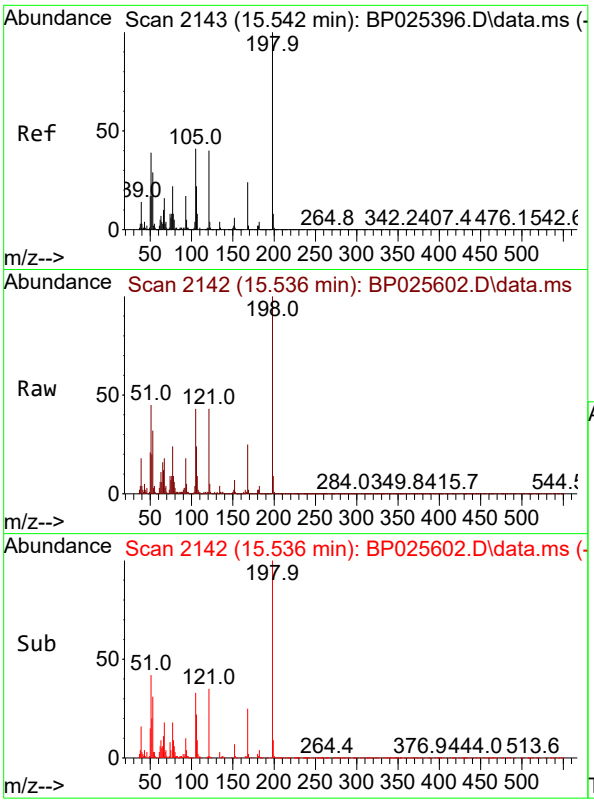


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:188 Resp: 850262

Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.6	10.0
80	10.0	6.7	10.1

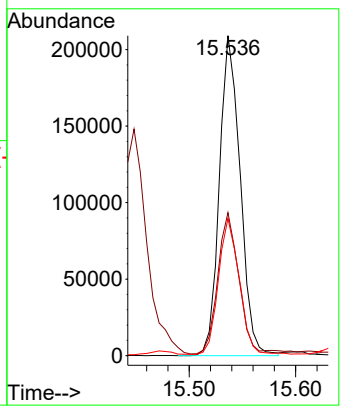




#65
4,6-Dinitro-2-methylphenol
Concen: 53.460 ng
RT: 15.536 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:198 Resp: 28334

Ion	Ratio	Lower	Upper
198	100		
51	44.7	19.6	59.6
105	42.9	20.9	60.9



Instrument :
BNA_P
ClientSampleId :
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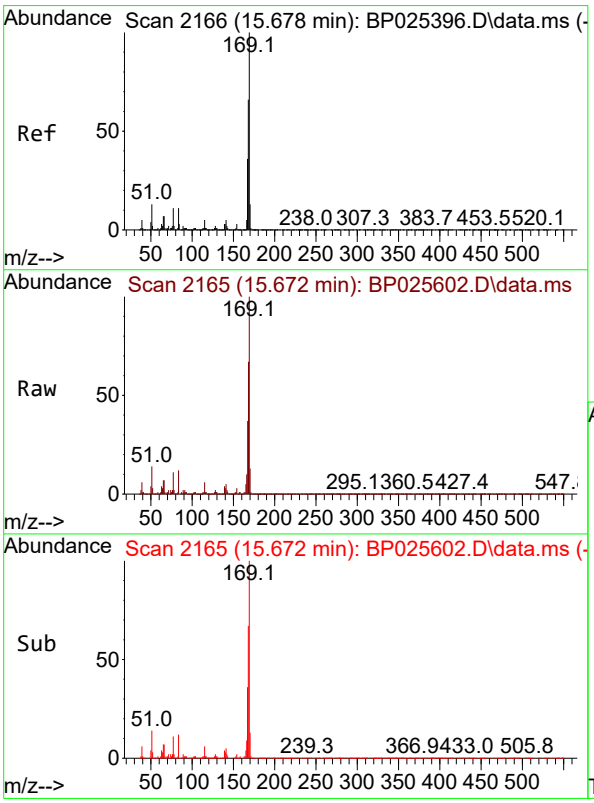
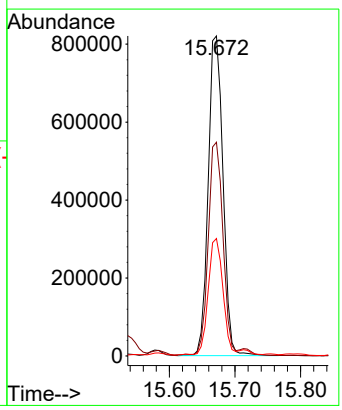
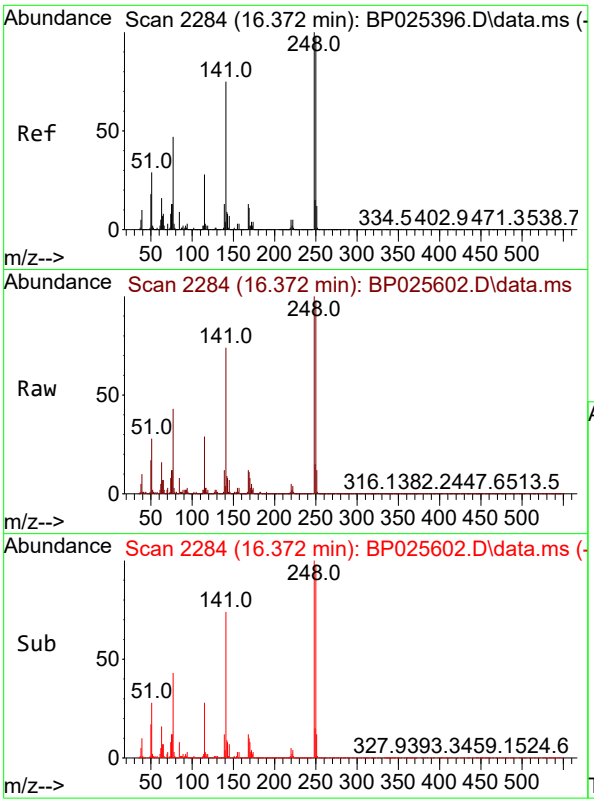


#66
n-Nitrosodiphenylamine
Concen: 49.606 ng
RT: 15.672 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:169 Resp: 1286193

Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.2	79.8
167	36.7	28.7	43.1





#67
4-Bromophenyl-phenylether
Concen: 49.971 ng
RT: 16.372 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:248 Resp: 46729

Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.2	117.2
141	74.1	59.6	89.4

Instrument :
BNA_P
ClientSampleId :
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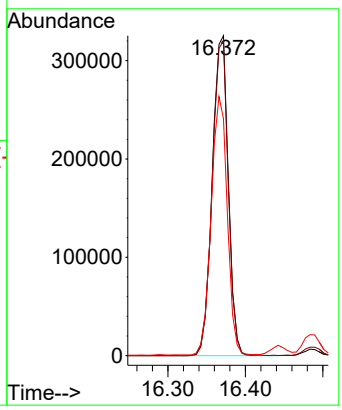
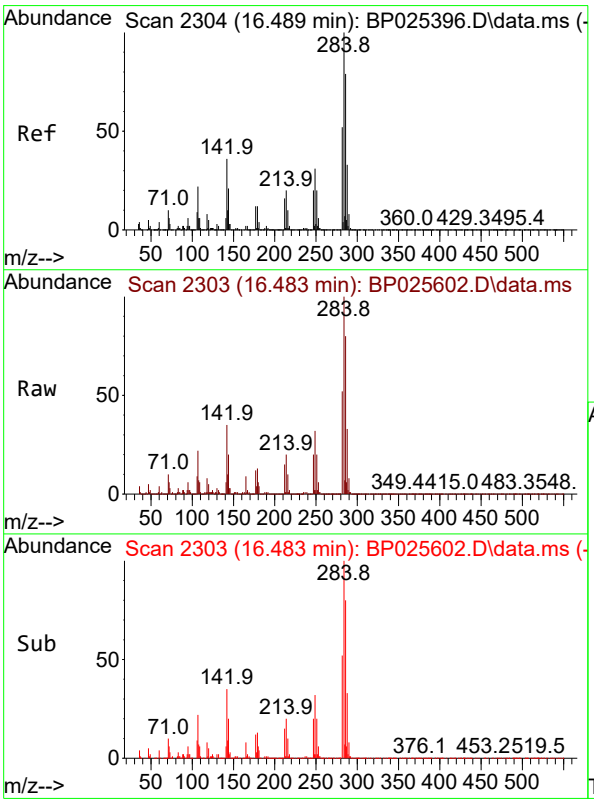
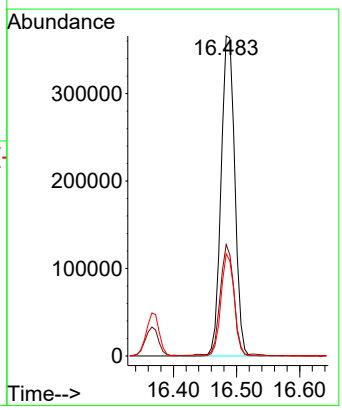


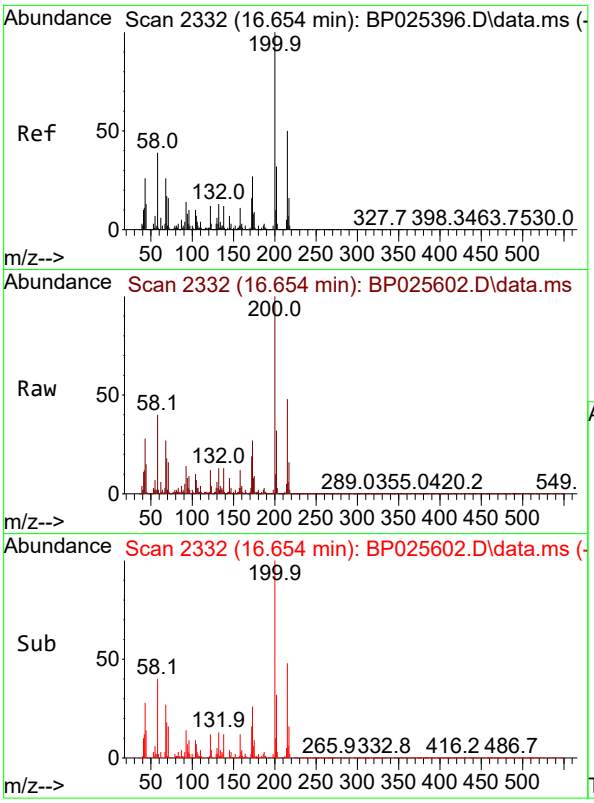


#68
Hexachlorobenzene
Concen: 50.927 ng
RT: 16.483 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:284 Resp: 552050

Ion	Ratio	Lower	Upper
284	100		
142	34.8	29.1	43.7
249	31.9	25.0	37.4

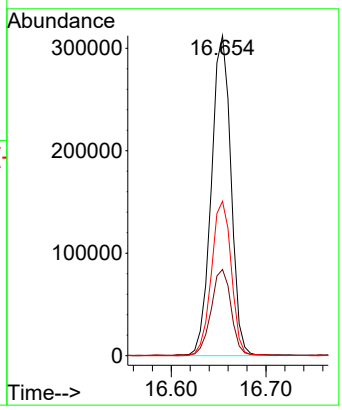




#69
Atrazine
Concen: 46.379 ng
RT: 16.654 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:200 Resp: 45034

Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.7	46.7
215	48.2	29.7	69.7



Instrument :
BNA_P
ClientSampleId :
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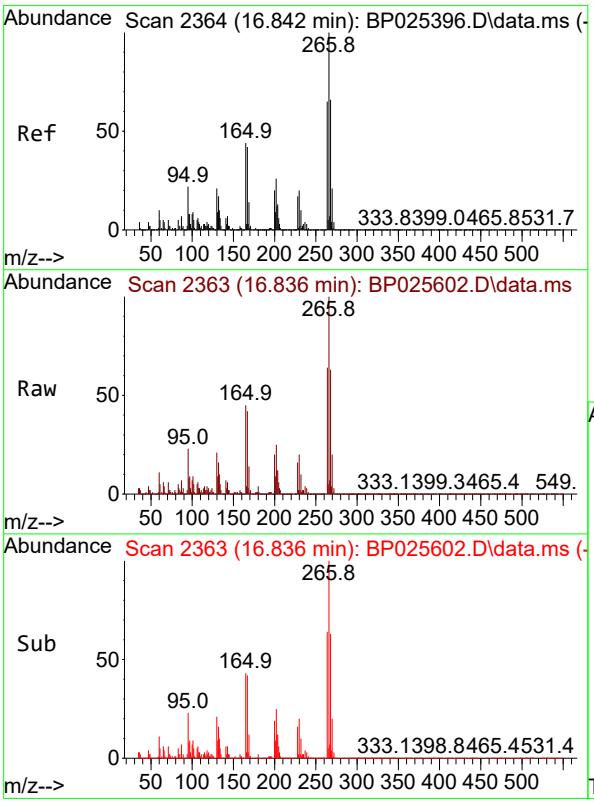
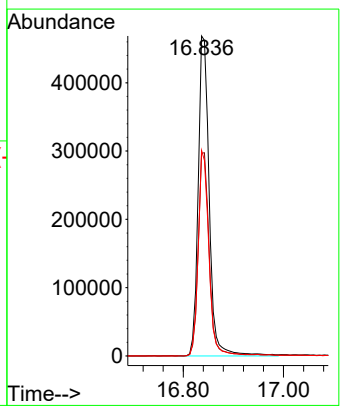
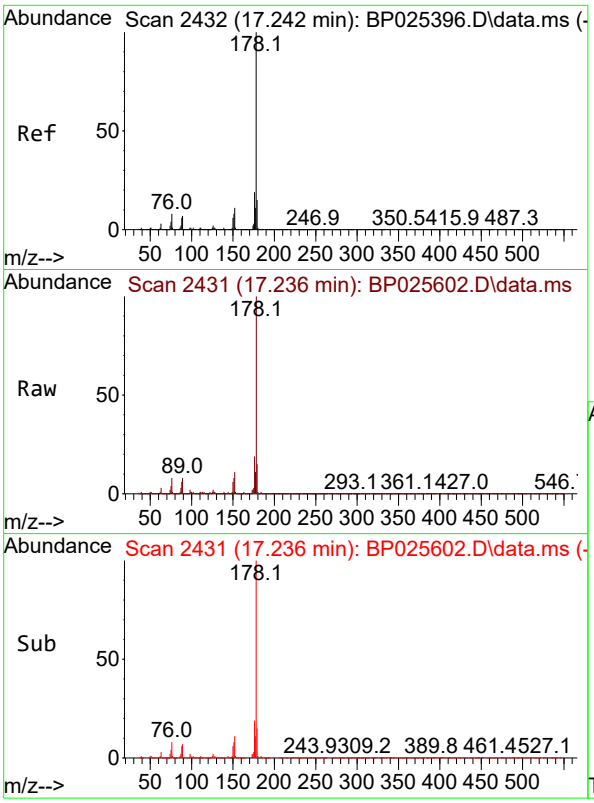


#70
Pentachlorophenol
Concen: 104.547 ng
RT: 16.836 min Scan# 2363
Delta R.T. -0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:266 Resp: 715400

Ion	Ratio	Lower	Upper
266	100		
268	63.4	52.6	79.0
264	64.2	52.0	78.0

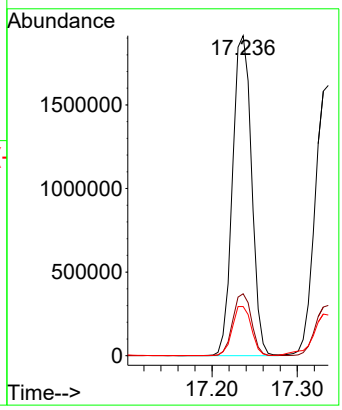




#71
Phenanthrene
Concen: 63.401 ng
RT: 17.236 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:178 Resp: 296133

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.4	12.2	18.4



Instrument :
BNA_P
ClientSampleId :
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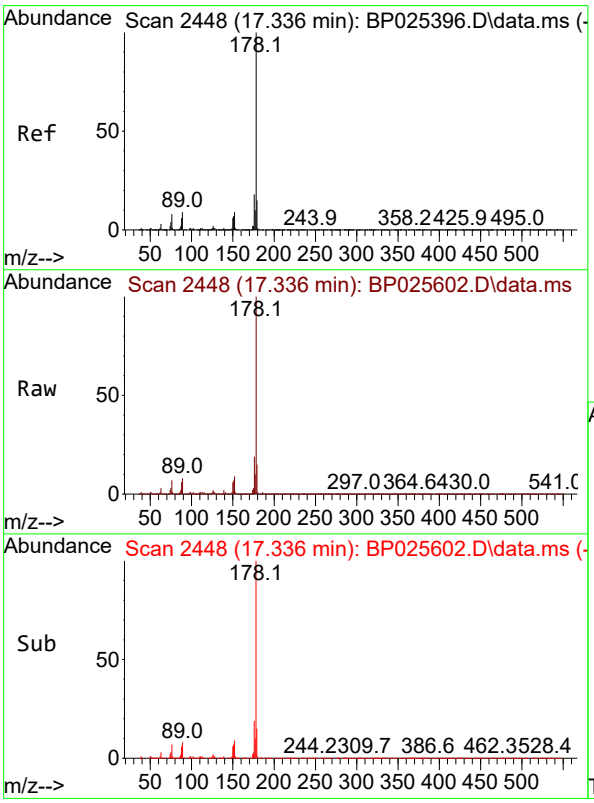
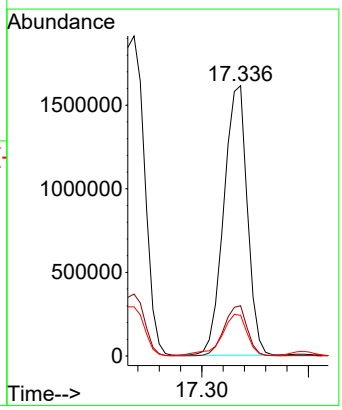
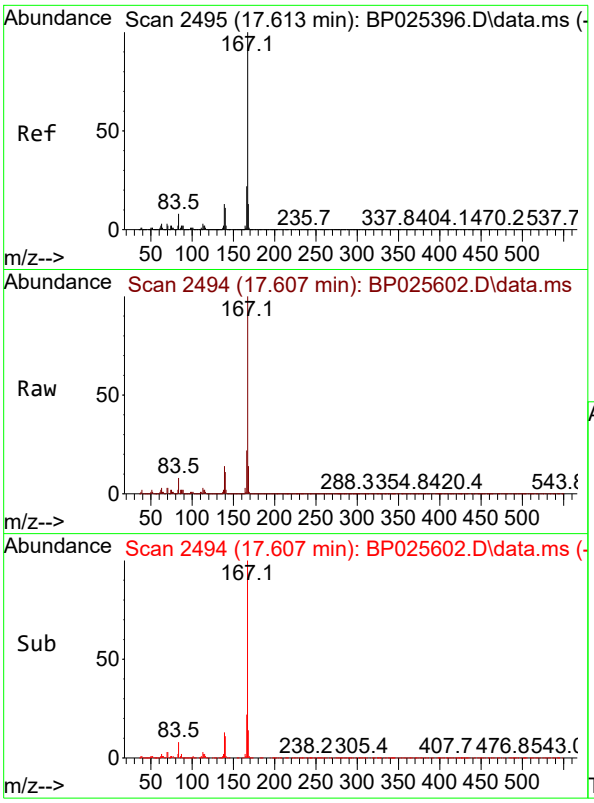


#72
Anthracene
Concen: 51.827 ng
RT: 17.336 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:178 Resp: 2472023

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.7	22.1
179	15.0	12.2	18.2





#73
Carbazole
Concen: 59.810 ng
RT: 17.607 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:167 Resp: 268712

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.5	26.3
139	13.6	10.6	16.0

Instrument :
BNA_P
ClientSampleId :
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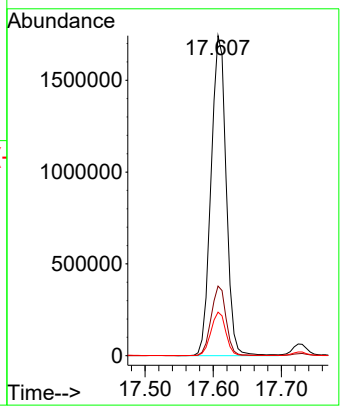
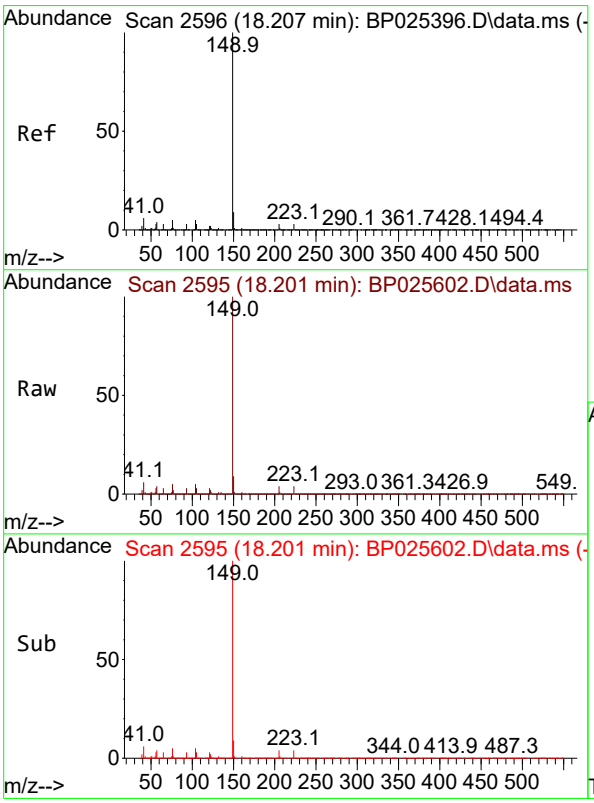
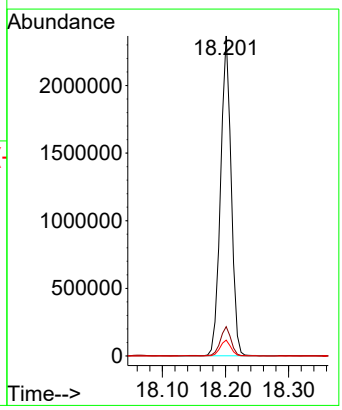


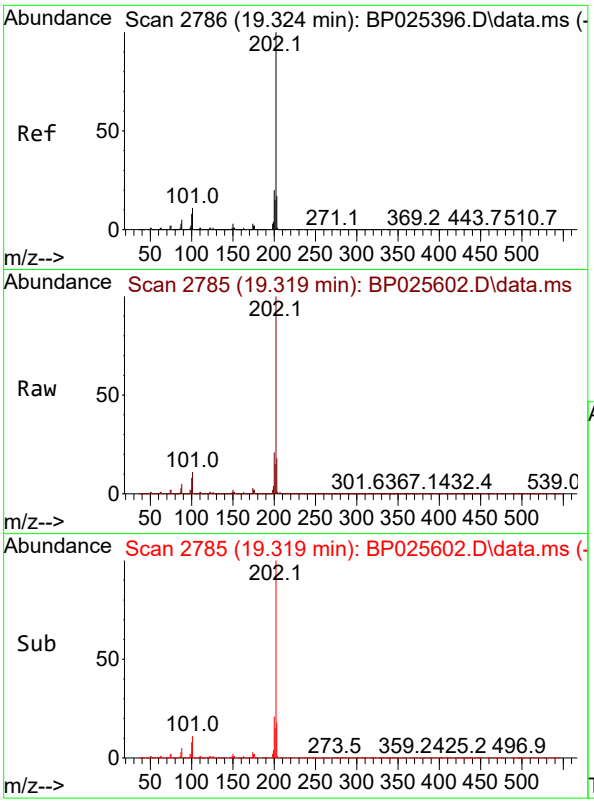


#74
Di-n-butylphthalate
Concen: 49.782 ng
RT: 18.201 min Scan# 2595
Delta R.T. -0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:149 Resp: 2751702

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	4.9	4.2	6.2





#75
Fluoranthene
Concen: 49.475 ng
RT: 19.319 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:202 Resp: 275644

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.1
203	17.8	0.0	37.3

Instrument :
BNA_P
ClientSampleId :
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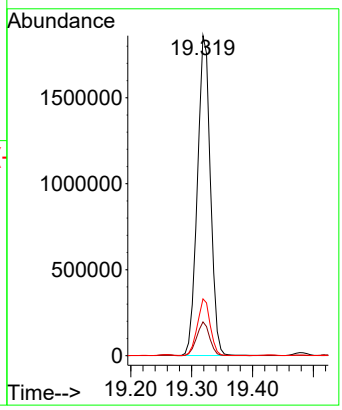
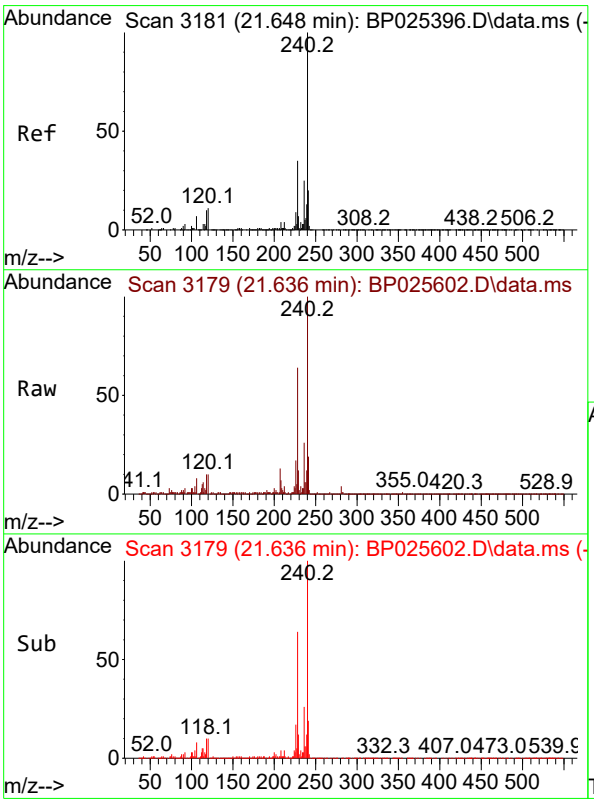
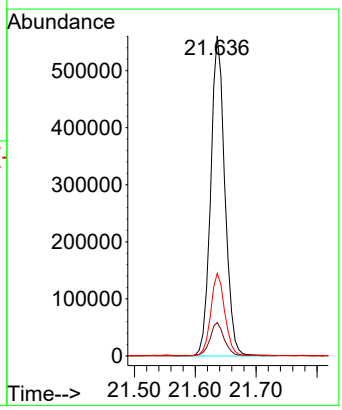


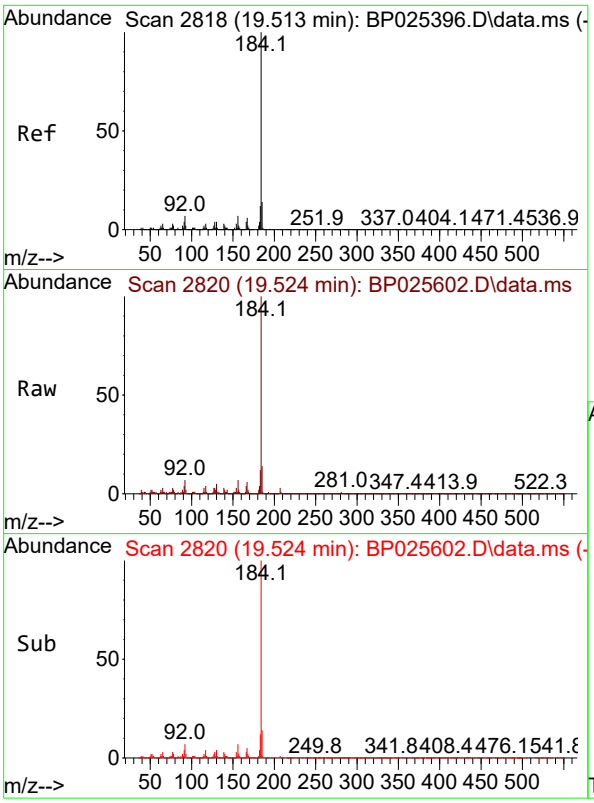


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.012 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:240 Resp: 903685

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.9	13.3
236	25.8	19.8	29.8





#77
Benzidine
Concen: 25.258 ng
RT: 19.524 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:184 Resp: 77898

Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.5	17.3
183	12.0	9.4	14.2

Instrument :
BNA_P
ClientSampleId :
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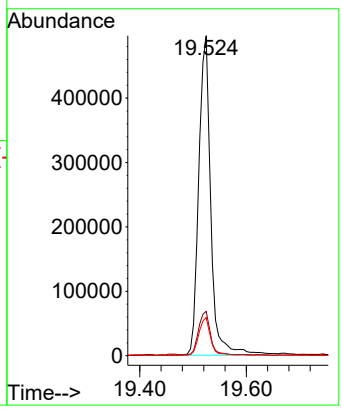
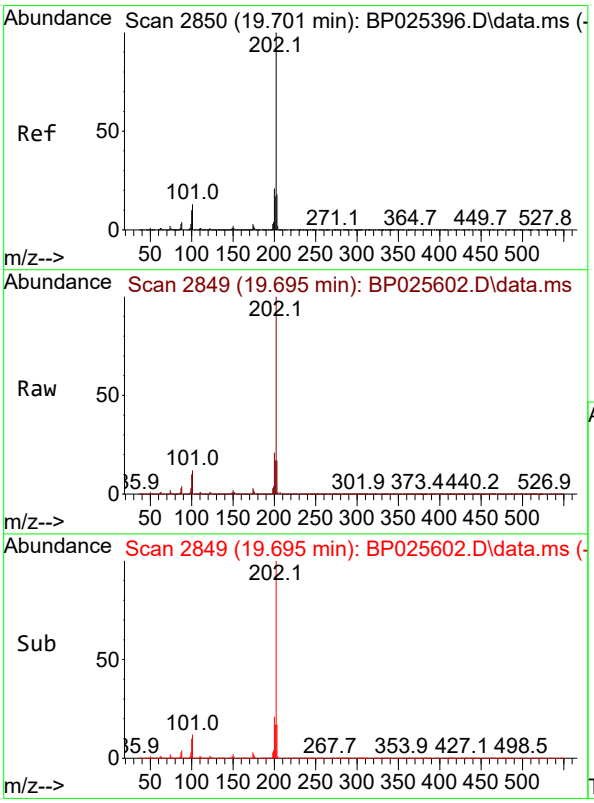
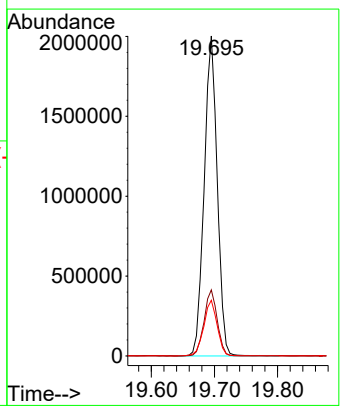


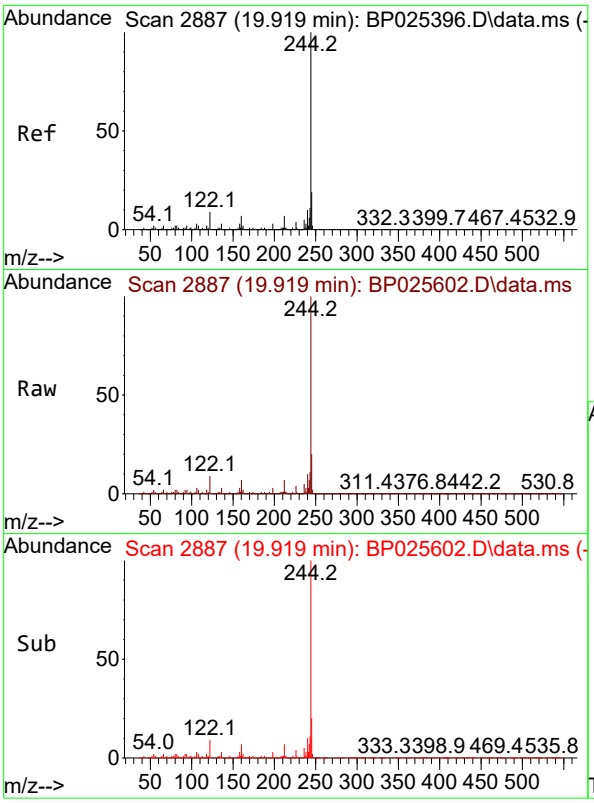


#78
Pyrene
Concen: 48.970 ng
RT: 19.695 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:202 Resp: 2876336

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	17.4	14.2	21.2

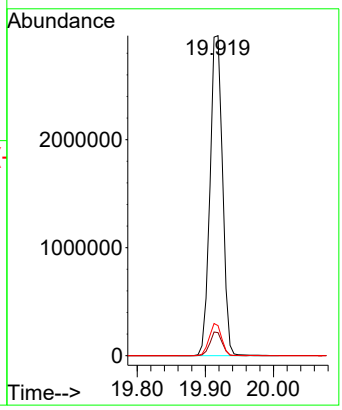




#79
Terphenyl-d14
Concen: 76.917 ng
RT: 19.919 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:244 Resp: 379918

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	9.4	7.4	11.2



Instrument :
BNA_P
ClientSampleId :
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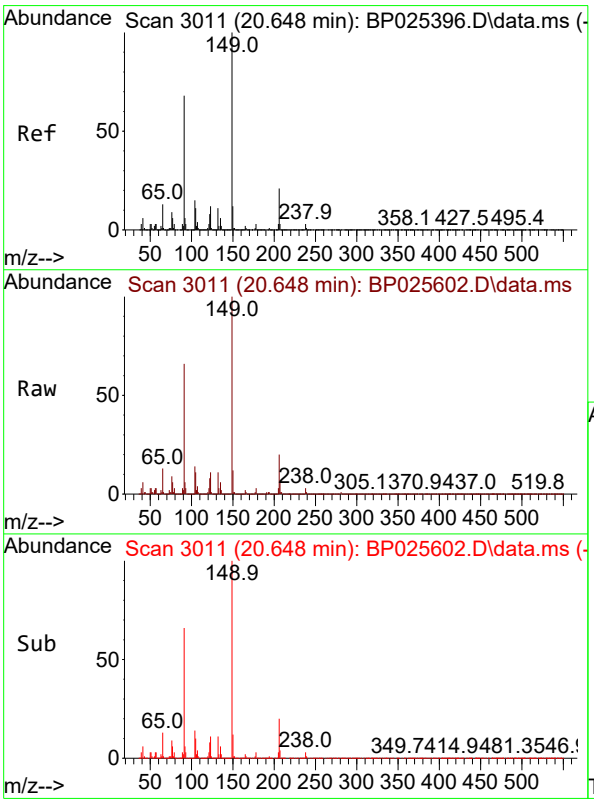
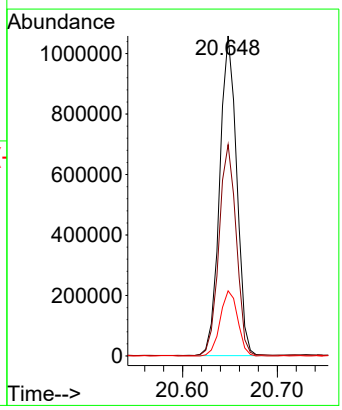
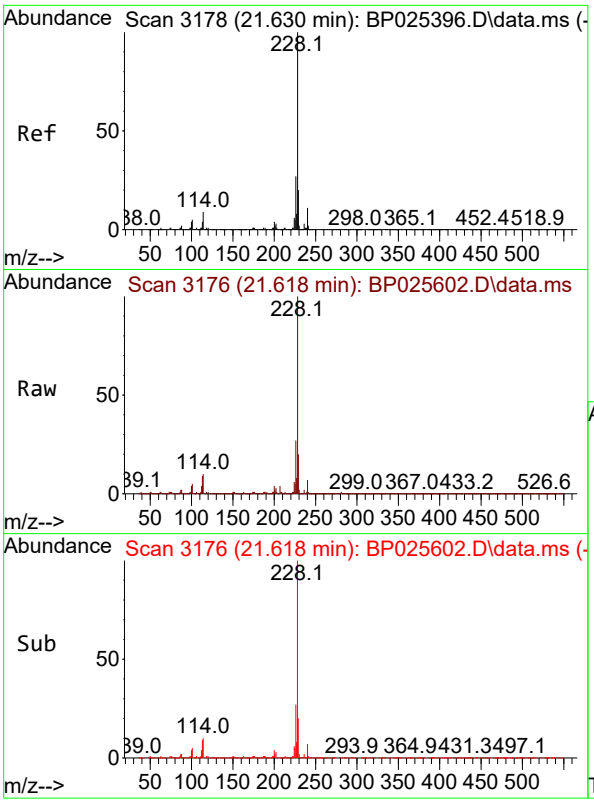


#80
Butylbenzylphthalate
Concen: 49.666 ng
RT: 20.648 min Scan# 3011
Delta R.T. 0.000 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:149 Resp: 1322126

Ion	Ratio	Lower	Upper
149	100		
91	66.1	54.2	81.2
206	20.4	16.6	24.8

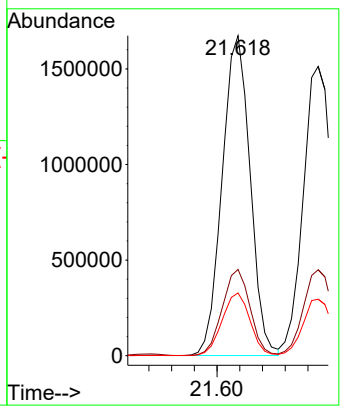




#81
Benzo(a)anthracene
Concen: 48.056 ng
RT: 21.618 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:228 Resp: 286407

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.7	32.5
229	19.6	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
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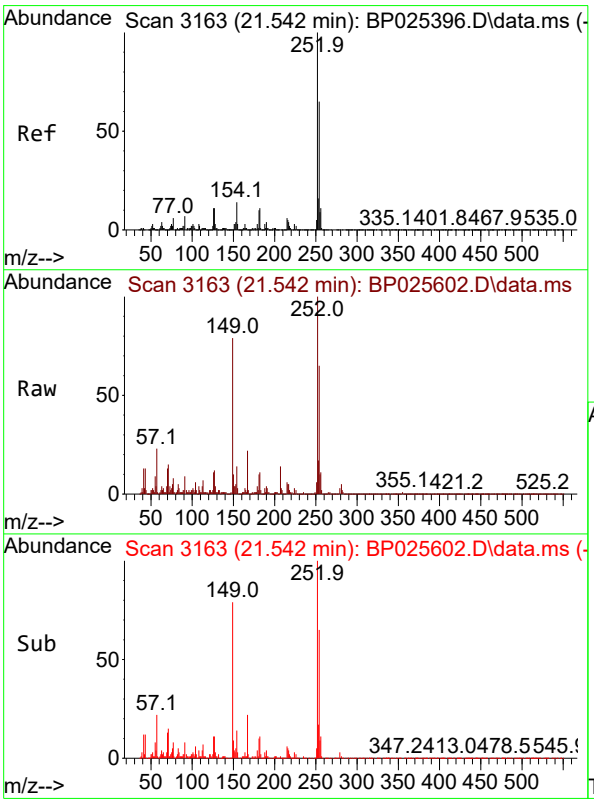
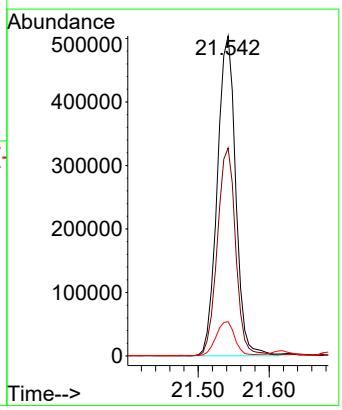
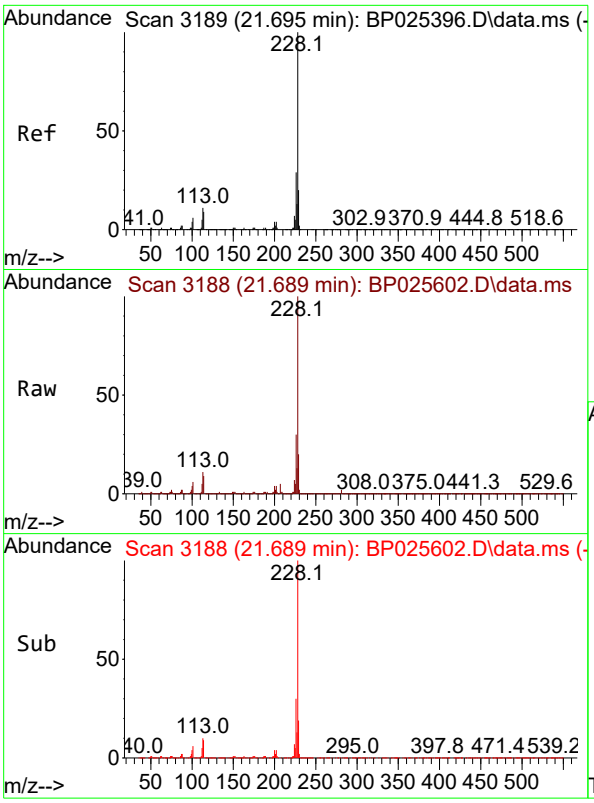


#82
3,3'-Dichlorobenzidine
Concen: 40.258 ng
RT: 21.542 min Scan# 3163
Delta R.T. 0.000 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:252 Resp: 904366

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.8	77.6
126	10.7	9.1	13.7

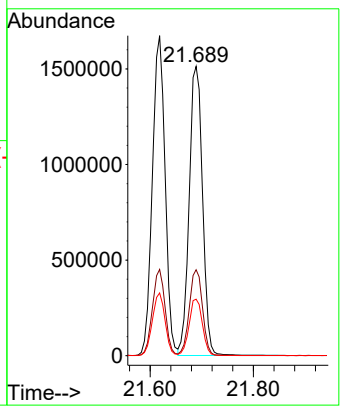




#83
Chrysene
Concen: 48.532 ng
RT: 21.689 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:228 Resp: 270873

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.2	34.8
229	19.5	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
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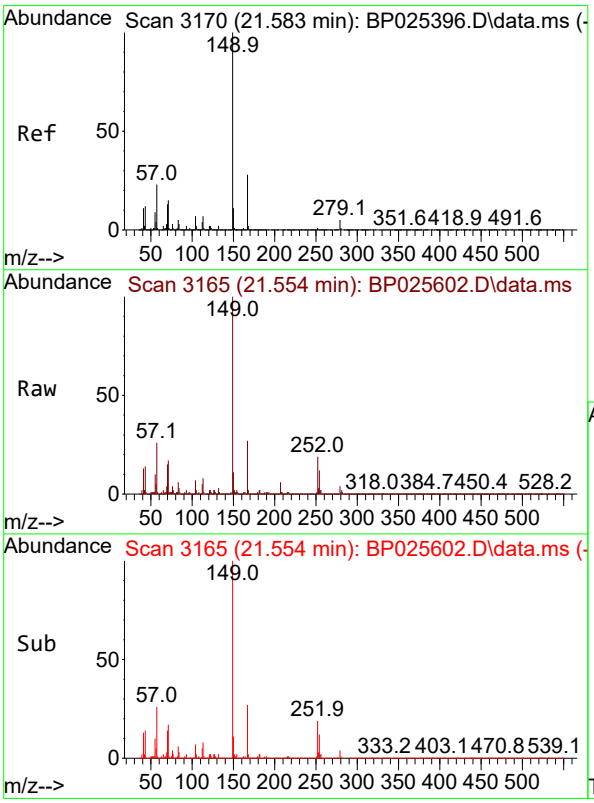
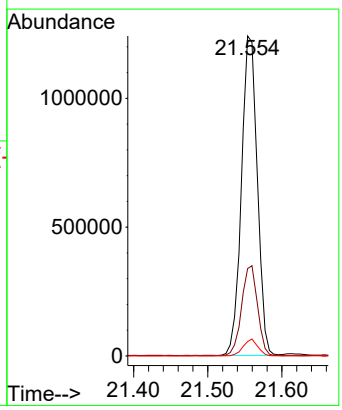
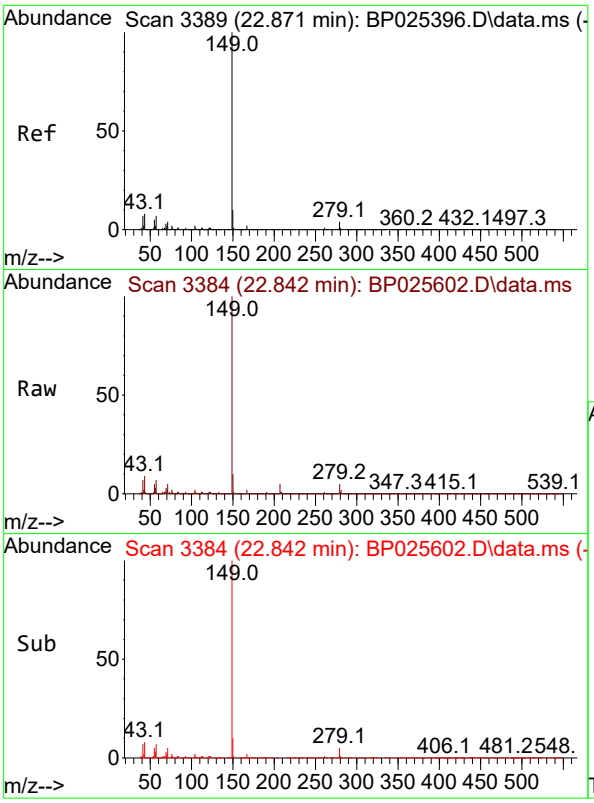


#84
Bis(2-ethylhexyl)phthalate
Concen: 46.976 ng
RT: 21.554 min Scan# 3165
Delta R.T. -0.029 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:149 Resp: 1840824

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.1	33.1
279	4.5	3.8	5.6

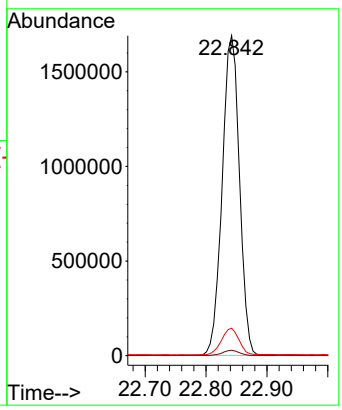




#85
Di-n-octyl phthalate
Concen: 49.432 ng
RT: 22.842 min Scan# 3
Delta R.T. -0.029 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:149 Resp: 333184

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.4	6.3	9.5



Instrument :
BNA_P
ClientSampleId :
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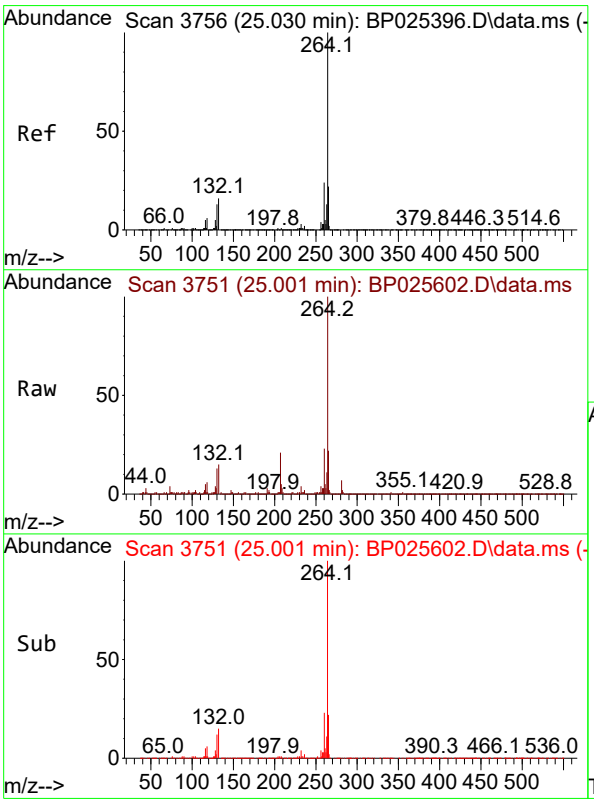
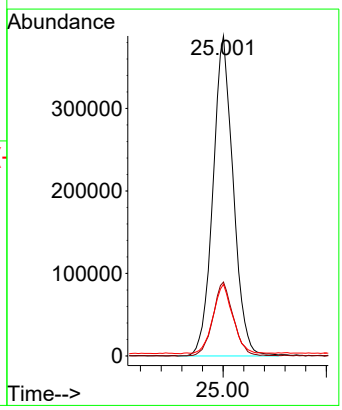
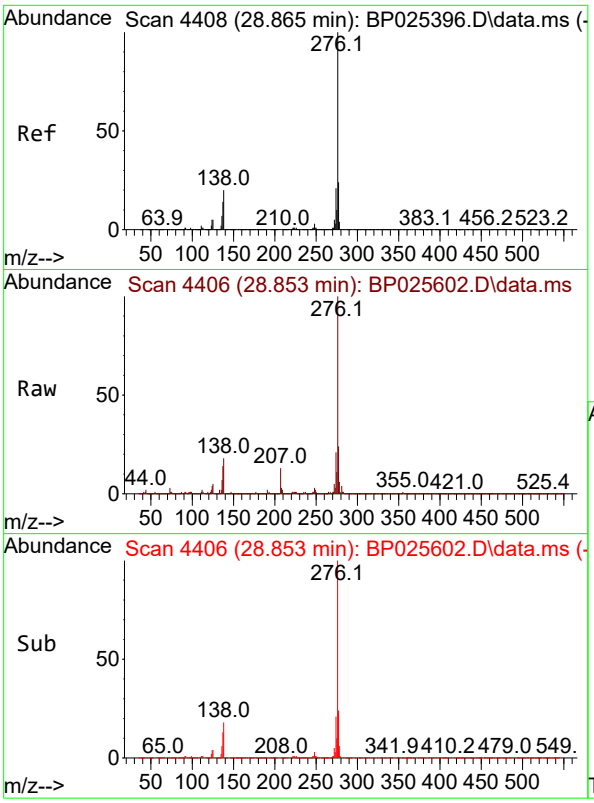


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3751
Delta R.T. -0.029 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:264 Resp: 1056322

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.3	28.9
265	22.4	17.4	26.0

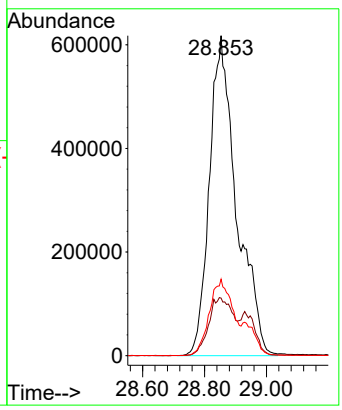




#87
Indeno(1,2,3-cd)pyrene
Concen: 48.595 ng m
RT: 28.853 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:276 Resp: 376444

Ion	Ratio	Lower	Upper
276	100		
138	16.0	12.9	19.3
277	20.6	17.0	25.6



Instrument :
BNA_P
ClientSampleId :
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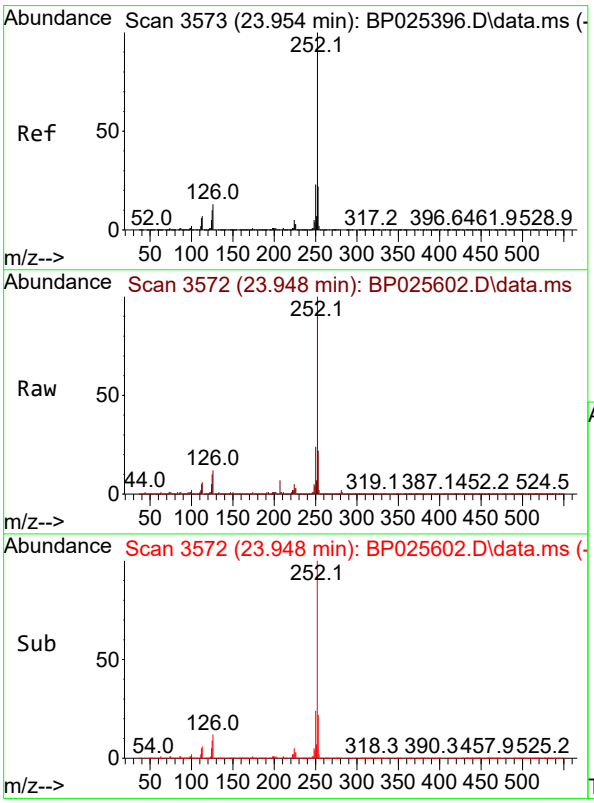
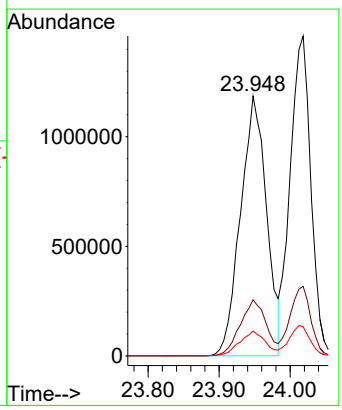
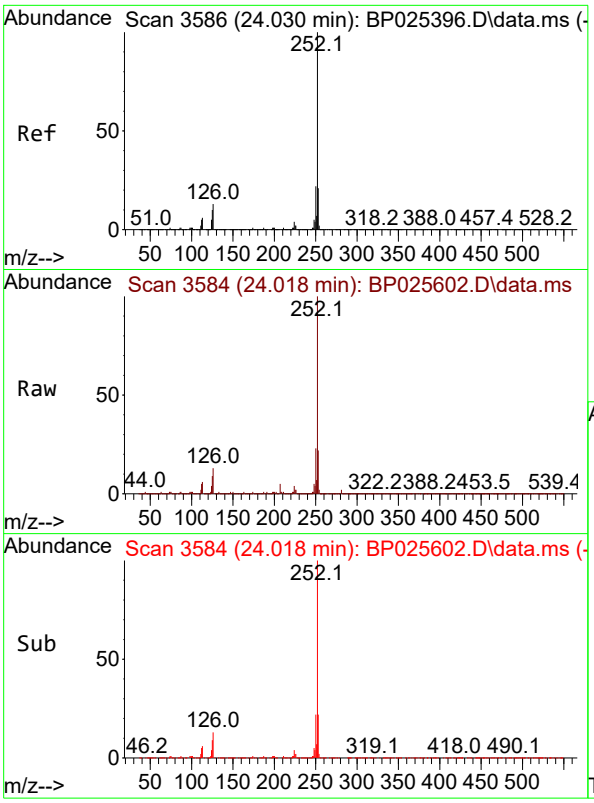


#88
Benzo(b)fluoranthene
Concen: 48.529 ng
RT: 23.948 min Scan# 3572
Delta R.T. -0.006 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:252 Resp: 3022805

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	9.6	7.9	11.9





#89
Benzo(k)fluoranthene
Concen: 47.668 ng
RT: 24.018 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

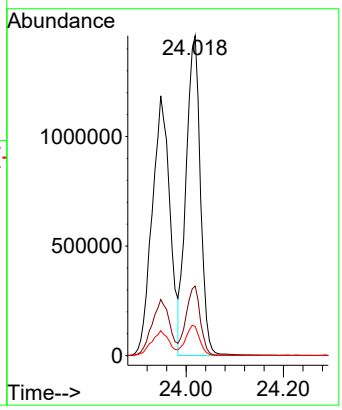
Instrument :
BNA_P
ClientSampleId :
MW-201-082025MS

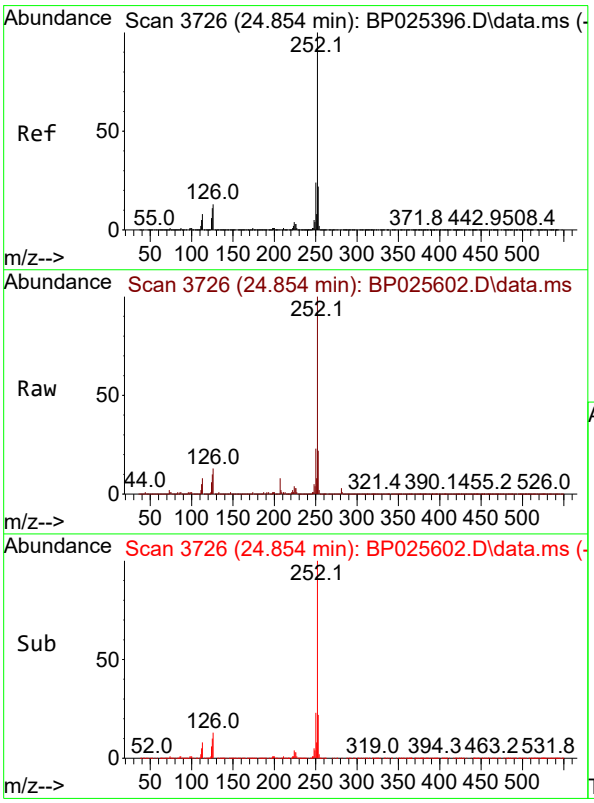
Tgt Ion:252 Resp: 297118

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	9.2	7.8	11.6

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

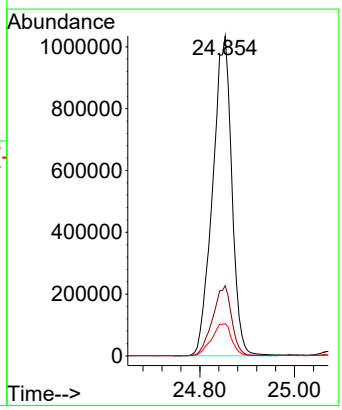


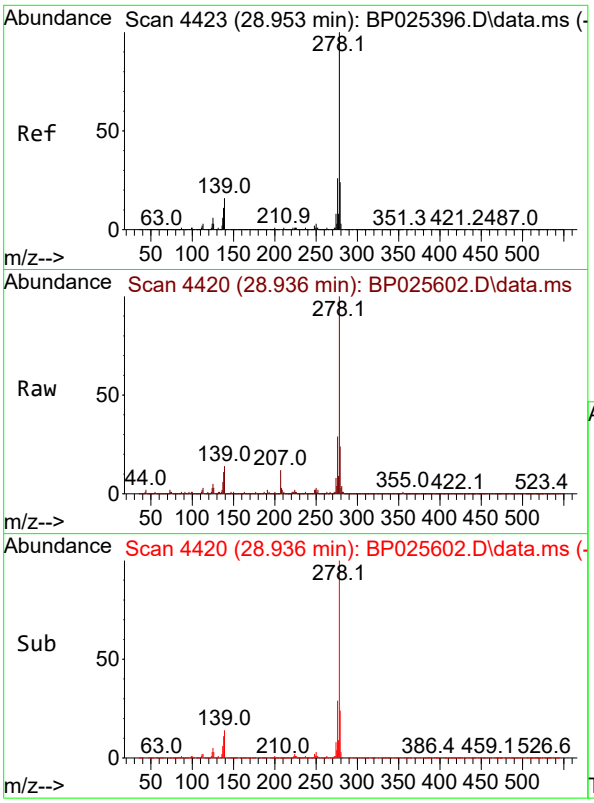


#90
Benzo(a)pyrene
Concen: 47.806 ng
RT: 24.854 min Scan# 3726
Delta R.T. 0.000 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:252 Resp: 2898626

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.1	8.7	13.1

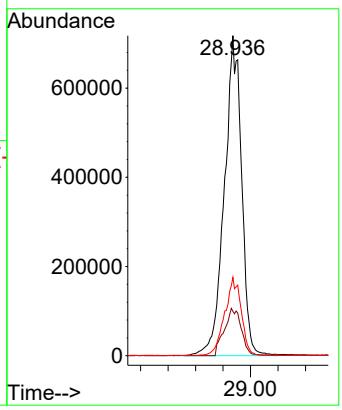




#91
Dibenzo(a,h)anthracene
Concen: 49.450 ng
RT: 28.936 min Scan# 4
Delta R.T. -0.018 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:278 Resp: 313046

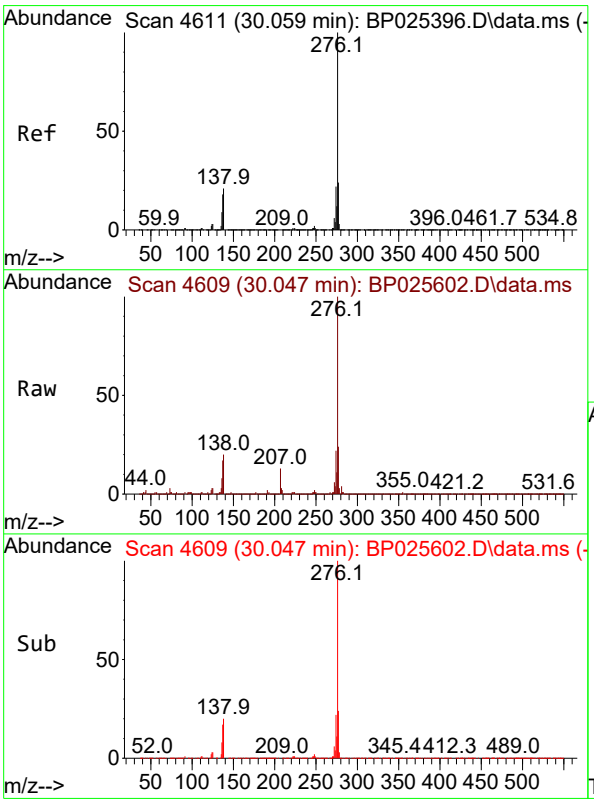
Ion	Ratio	Lower	Upper
278	100		
139	13.9	13.0	19.4
279	24.4	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
MW-201-082025MS

Manual Integrations
APPROVED

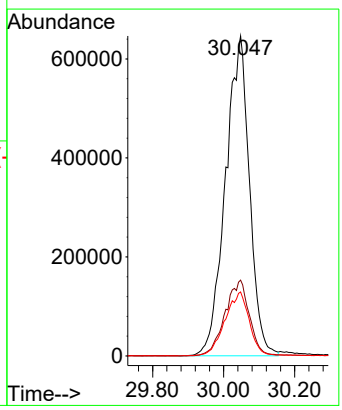
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



#92
Benzo(g,h,i)perylene
Concen: 48.663 ng
RT: 30.047 min Scan# 4609
Delta R.T. -0.012 min
Lab File: BP025602.D
Acq: 27 Aug 2025 14:18

Tgt Ion:276 Resp: 3028218

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.0
138	20.0	16.7	25.1



Raw Data: **BP025603.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MSD	SDG No.:	Q2924
Lab Sample ID:	Q2924-04MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025603.D	1	08/22/25 10:34	08/27/25 15:00	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	37.7		4.10	10.5	ug/L
108-95-2	Phenol	16.4		0.96	5.30	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.2		0.85	5.30	ug/L
95-57-8	2-Chlorophenol	39.6		0.61	5.30	ug/L
95-48-7	2-Methylphenol	34.5		1.20	5.30	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	18.4		1.30	5.30	ug/L
98-86-2	Acetophenone	90.6	E	0.78	5.30	ug/L
65794-96-9	3+4-Methylphenols	41.7		1.20	10.5	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.2		1.50	2.60	ug/L
67-72-1	Hexachloroethane	96.9	E	0.68	5.30	ug/L
98-95-3	Nitrobenzene	89.1	E	0.80	5.30	ug/L
78-59-1	Isophorone	85.0	E	0.79	5.30	ug/L
88-75-5	2-Nitrophenol	90.4	E	1.90	5.30	ug/L
105-67-9	2,4-Dimethylphenol	78.4		1.90	5.30	ug/L
111-91-1	bis(2-Chloroethoxy)methane	75.2		0.72	5.30	ug/L
120-83-2	2,4-Dichlorophenol	85.1	E	0.55	5.30	ug/L
91-20-3	Naphthalene	3000	E	0.53	5.30	ug/L
106-47-8	4-Chloroaniline	31.3		0.88	5.30	ug/L
87-68-3	Hexachlorobutadiene	74.8		0.57	5.30	ug/L
105-60-2	Caprolactam	17.0		1.20	10.5	ug/L
59-50-7	4-Chloro-3-methylphenol	79.4		0.62	5.30	ug/L
91-57-6	2-Methylnaphthalene	850	E	0.59	5.30	ug/L
77-47-4	Hexachlorocyclopentadiene	76.9		3.80	10.5	ug/L
88-06-2	2,4,6-Trichlorophenol	50.2		0.54	5.30	ug/L
95-95-4	2,4,5-Trichlorophenol	49.9		0.65	5.30	ug/L
92-52-4	1,1-Biphenyl	70.0		0.56	5.30	ug/L
91-58-7	2-Chloronaphthalene	48.9		0.64	5.30	ug/L
88-74-4	2-Nitroaniline	53.9		1.30	5.30	ug/L
131-11-3	Dimethylphthalate	47.8		0.64	5.30	ug/L

Raw Data: **BP025603.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MSD	SDG No.:	Q2924
Lab Sample ID:	Q2924-04MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025603.D	1	08/22/25 10:34	08/27/25 15:00	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	190	E	0.79	5.30	ug/L
606-20-2	2,6-Dinitrotoluene	51.3		0.97	5.30	ug/L
99-09-2	3-Nitroaniline	32.4		1.10	5.30	ug/L
83-32-9	Acenaphthene	53.5		0.58	5.30	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.30	10.5	ug/L
100-02-7	4-Nitrophenol	42.7		2.50	10.5	ug/L
132-64-9	Dibenzofuran	51.2		0.64	5.30	ug/L
121-14-2	2,4-Dinitrotoluene	52.5		1.30	5.30	ug/L
84-66-2	Diethylphthalate	48.9		0.73	5.30	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.5		0.72	5.30	ug/L
86-73-7	Fluorene	68.0		0.66	5.30	ug/L
100-01-6	4-Nitroaniline	49.4		1.60	5.30	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	55.7		3.00	10.5	ug/L
86-30-6	n-Nitrosodiphenylamine	50.5		0.61	5.30	ug/L
101-55-3	4-Bromophenyl-phenylether	52.0		0.42	5.30	ug/L
118-74-1	Hexachlorobenzene	52.3		0.55	5.30	ug/L
1912-24-9	Atrazine	48.5		1.10	5.30	ug/L
87-86-5	Pentachlorophenol	110	E	1.70	10.5	ug/L
85-01-8	Phenanthrene	67.2		0.53	5.30	ug/L
120-12-7	Anthracene	53.2		0.64	5.30	ug/L
86-74-8	Carbazole	63.5		0.76	5.30	ug/L
84-74-2	Di-n-butylphthalate	52.6		1.30	5.30	ug/L
206-44-0	Fluoranthene	51.6		0.86	5.30	ug/L
129-00-0	Pyrene	50.1		0.53	5.30	ug/L
85-68-7	Butylbenzylphthalate	52.0		2.00	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	43.4		0.98	10.5	ug/L
56-55-3	Benzo(a)anthracene	49.9		0.47	5.30	ug/L
218-01-9	Chrysene	51.2		0.46	5.30	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	49.7		1.70	5.30	ug/L
117-84-0	Di-n-octyl phthalate	52.0		2.50	10.5	ug/L
205-99-2	Benzo(b)fluoranthene	50.4		0.52	5.30	ug/L

Raw Data: **BP025603.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MSD	SDG No.:	Q2924
Lab Sample ID:	Q2924-04MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025603.D	1	08/22/25 10:34	08/27/25 15:00	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	49.6		0.51	5.30	ug/L
50-32-8	Benzo(a)pyrene	49.8		0.58	5.30	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.9		0.62	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	51.6		0.71	5.30	ug/L
191-24-2	Benzo(g,h,i)perylene	50.6		0.73	5.30	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	49.8		0.55	5.30	ug/L
123-91-1	1,4-Dioxane	21.8		1.10	5.30	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	50.6		0.76	5.30	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	67.4		23 - 138	45%	SPK: 150
13127-88-3	Phenol-d6	41.4		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	149	*	67 - 132	149%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.1		52 - 132	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	135		44 - 137	90%	SPK: 150
1718-51-0	Terphenyl-d14	76.2		42 - 152	76%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	166000	7.778			
1146-65-2	Naphthalene-d8	359000	10.566			
15067-26-2	Acenaphthene-d10	418000	14.401			
1517-22-2	Phenanthrene-d10	814000	17.201			
1719-03-5	Chrysene-d12	888000	21.636			
1520-96-3	Perylene-d12	1060000	25.007			

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 : BP025603.D
Acq On : 27 Aug 2025 15:00
Operator : CG/JU
Sample : Q2924-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 27 15:23:21 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

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.778	152	165573	20.000	ng		-0.02
21) Naphthalene-d8	10.566	136	358938m	20.000	ng		0.00
39) Acenaphthene-d10	14.401	164	417829	20.000	ng		0.00
64) Phenanthrene-d10	17.201	188	814298	20.000	ng		0.00
76) Chrysene-d12	21.636	240	887974	20.000	ng		-0.01
86) Perylene-d12	25.007	264	1057493	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.414	112	671751	67.377	ng		0.00
7) Phenol-d6	6.972	99	529341	41.411	ng		0.00
23) Nitrobenzene-d5	8.925	82	1058184	149.131	ng		-0.01
42) 2,4,6-Tribromophenol	15.913	330	757775	134.739	ng		0.00
45) 2-Fluorobiphenyl	13.007	172	2386494	78.060	ng		-0.01
79) Terphenyl-d14	19.919	244	3697065	76.174	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.320	88	80709	20.667	ng		99
3) Pyridine	3.725	79	202156	18.912	ng		95
4) n-Nitrosodimethylamine	3.631	42	105107	23.851	ng		96
6) Aniline	7.113	93	412121	23.929	ng		97
8) 2-Chlorophenol	7.360	128	422887	37.587	ng		97
9) Benzaldehyde	6.931	77	320616	35.801	ng	#	1
10) Phenol	6.996	94	209480	15.618	ng		89
11) bis(2-Chloroethyl)ether	7.213	93	438912	41.984	ng	#	81
12) 1,3-Dichlorobenzene	7.672	146	417263	33.634	ng		98
13) 1,4-Dichlorobenzene	7.813	146	431205	34.006	ng		98
14) 1,2-Dichlorobenzene	8.131	146	424297	34.567	ng		99
15) Benzyl Alcohol	8.037	79	309179	30.441	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.319	45	244473	17.457	ng	#	57
17) 2-Methylphenol	8.243	107	305694	32.816	ng		98
18) Hexachloroethane	8.866	117	429233	92.067	ng	#	53
19) n-Nitroso-di-n-propyla...	8.578	70	347670	41.062	ng		99
20) 3+4-Methylphenols	8.543	107	511394	39.604	ng		99
22) Acetophenone	8.590	105	774732	86.068	ng		98
24) Nitrobenzene	8.966	77	536503	84.602	ng		98
25) Isophorone	9.507	82	1014281	80.771	ng		98
26) 2-Nitrophenol	9.672	139	279469	85.872	ng		99
27) 2,4-Dimethylphenol	9.749	122	417062	74.518	ng		97
28) bis(2-Chloroethoxy)met...	9.984	93	542429	71.459	ng		97
29) 2,4-Dichlorophenol	10.231	162	449299	80.812	ng		99
30) 1,2,4-Trichlorobenzene	10.443	180	470127	77.137	ng		98
31) Naphthalene	10.607	128	53257232m	2854.698	ng		
32) Benzoic acid	9.872	122	130466	31.575	ng		99
33) 4-Chloroaniline	10.713	127	245084m	29.741	ng		
34) Hexachlorobutadiene	10.884	225	269655	71.043	ng		97
35) Caprolactam	11.507	113	33012	16.193	ng		92
36) 4-Chloro-3-methylphenol	11.837	107	481225	75.431	ng		91
37) 2-Methylnaphthalene	12.219	142	9833822	809.982	ng		97
38) 1-Methylnaphthalene	12.431	142	6970742	539.898	ng		99
40) 1,2,4,5-Tetrachloroben...	12.572	216	570448	47.272	ng		99
41) Hexachlorocyclopentadiene	12.554	237	532370	73.036	ng		99
43) 2,4,6-Trichlorophenol	12.819	196	388583	47.698	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025603.D
Acq On : 27 Aug 2025 15:00
Operator : CG/JU
Sample : Q2924-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 27 15:23:21 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

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	423357	47.415	ng		97
46) 1,1'-Biphenyl	13.219	154	2017741	66.493	ng		99
47) 2-Chloronaphthalene	13.260	162	1096677	46.423	ng		98
48) 2-Nitroaniline	13.466	65	352640	51.231	ng		99
49) Acenaphthylene	14.125	152	6895606	176.403	ng		99
50) Dimethylphthalate	13.842	163	1390812	45.456	ng		99
51) 2,6-Dinitrotoluene	13.960	165	314131	48.710	ng		92
52) Acenaphthene	14.466	154	1167251	50.872	ng		100
53) 3-Nitroaniline	14.295	138	223346	30.782	ng		94
54) 2,4-Dinitrophenol	14.513	184	383271	111.288	ng		98
55) Dibenzofuran	14.807	168	1764171	48.631	ng		98
56) 4-Nitrophenol	14.642	139	241694	40.537	ng		92
57) 2,4-Dinitrotoluene	14.766	165	458819	49.866	ng		96
58) Fluorene	15.460	166	1850230	64.638	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.037	232	379145	48.091	ng		99
60) Diethylphthalate	15.231	149	1443076	46.416	ng		100
61) 4-Chlorophenyl-phenyle...	15.460	204	655680	46.058	ng		96
62) 4-Nitroaniline	15.484	138	349130	46.936	ng		95
63) Azobenzene	15.754	77	1311741	49.274	ng		98
65) 4,6-Dinitro-2-methylph...	15.548	198	268592	52.915	ng		96
66) n-Nitrosodiphenylamine	15.666	169	1192328	48.017	ng		100
67) 4-Bromophenyl-phenylether	16.366	248	442265	49.383	ng		95
68) Hexachlorobenzene	16.489	284	516257	49.728	ng		98
69) Atrazine	16.654	200	428690	46.099	ng		99
70) Pentachlorophenol	16.848	266	659376	100.616	ng		97
71) Phenanthrene	17.242	178	2855159	63.828	ng		99
72) Anthracene	17.336	178	2308905	50.545	ng		99
73) Carbazole	17.619	167	2594549	60.300	ng		99
74) Di-n-butylphthalate	18.207	149	2643612	49.938	ng		100
75) Fluoranthene	19.325	202	2617503	49.056	ng		99
77) Benzidine	19.513	184	785899	25.933	ng		100
78) Pyrene	19.701	202	2744373	47.550	ng		100
80) Butylbenzylphthalate	20.636	149	1291637	49.379	ng		98
81) Benzo(a)anthracene	21.619	228	2778578	47.447	ng		99
82) 3,3'-Dichlorobenzidine	21.530	252	910515	41.249	ng		99
83) Chrysene	21.683	228	2668181	48.651	ng		99
84) Bis(2-ethylhexyl)phtha...	21.554	149	1818319	47.223	ng		100
85) Di-n-octyl phthalate	22.836	149	3269105	49.360	ng		99
87) Indeno(1,2,3-cd)pyrene	28.836	276	3751770	48.377	ng	#	91
88) Benzo(b)fluoranthene	23.948	252	2986627	47.895	ng		98
89) Benzo(k)fluoranthene	24.024	252	2942937	47.163	ng		99
90) Benzo(a)pyrene	24.854	252	2870696	47.293	ng		99
91) Dibenzo(a,h)anthracene	28.924	278	3109637	49.066	ng		98
92) Benzo(g,h,i)perylene	30.042	276	2995786	48.088	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BP025603.D
Acq On : 27 Aug 2025 15:00
Operator : CG/JU
Sample : Q2924-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 27 15:23:21 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

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

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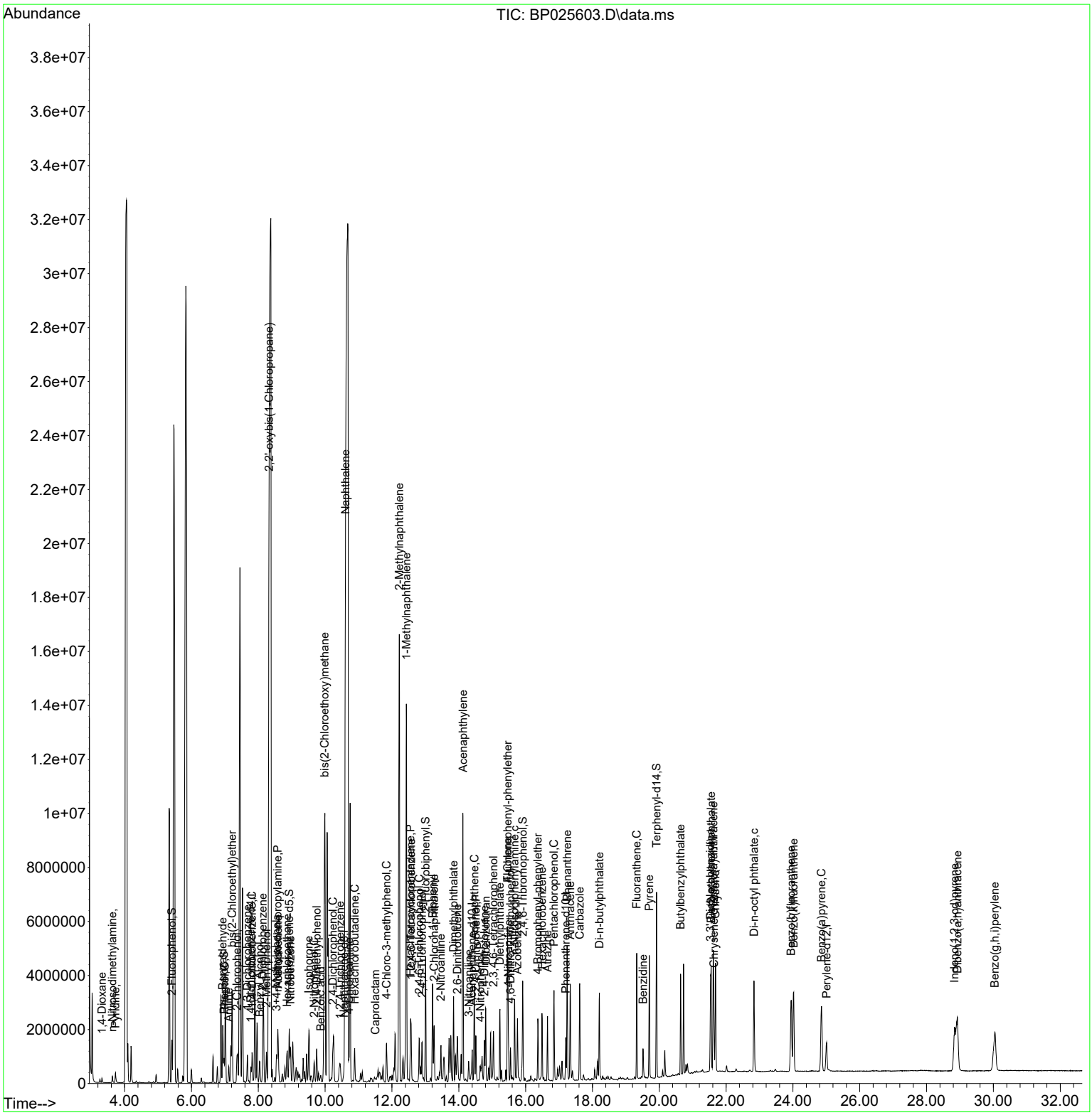
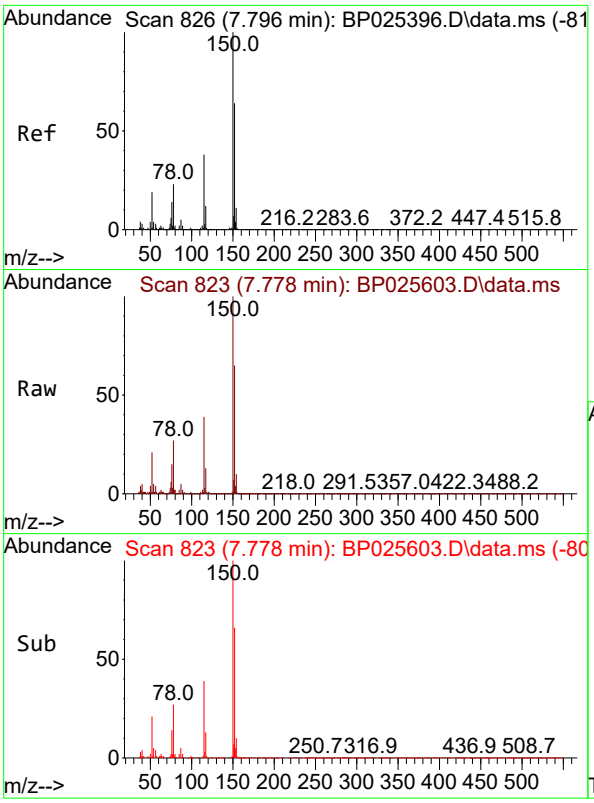
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

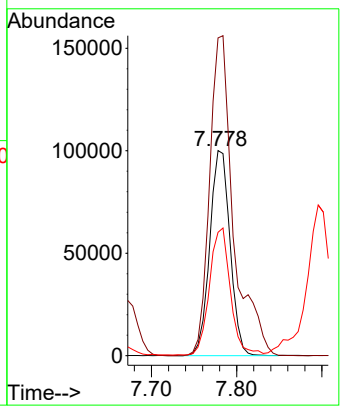




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:152 Resp: 16557

Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.9	188.9
115	60.1	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
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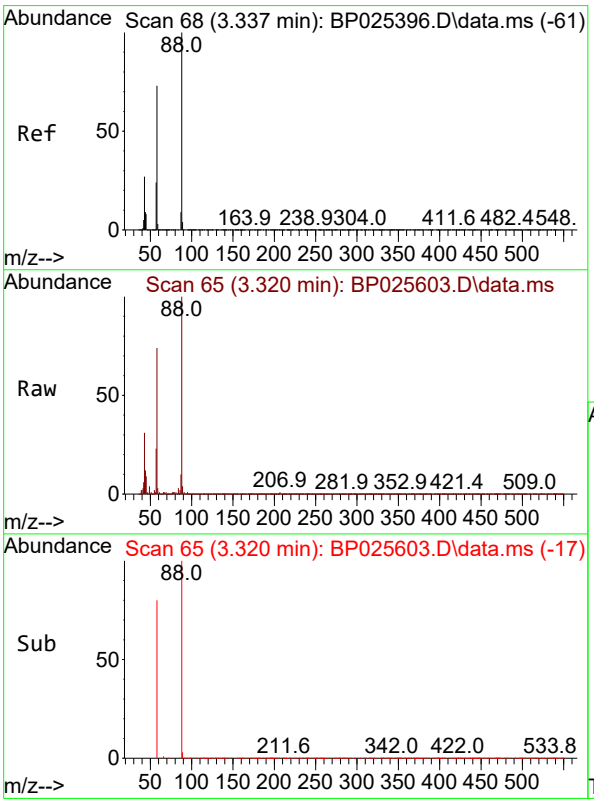
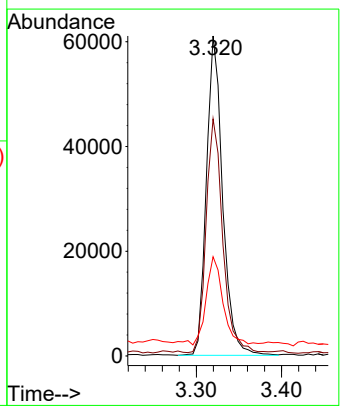
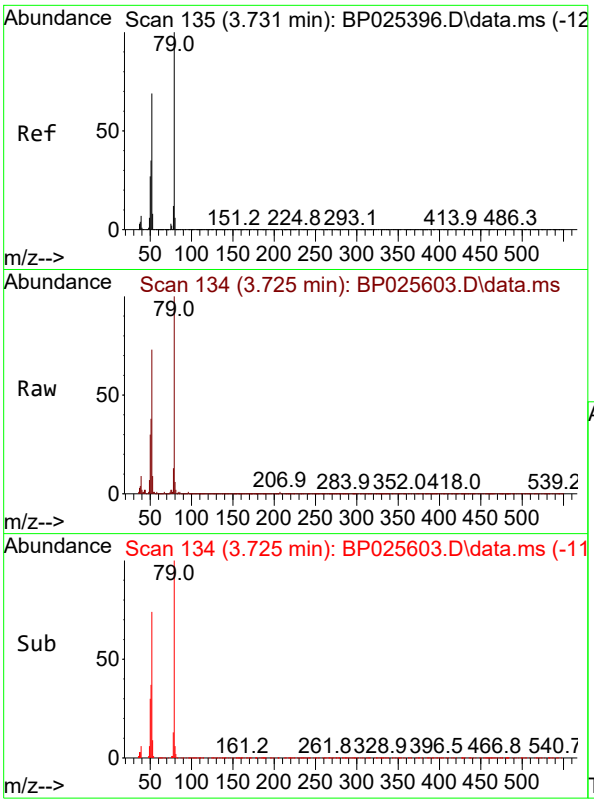


#2
1,4-Dioxane
Concen: 20.667 ng
RT: 3.320 min Scan# 65
Delta R.T. -0.018 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion: 88 Resp: 80709

Ion	Ratio	Lower	Upper
88	100		
58	74.6	59.2	88.8
43	28.5	21.7	32.5

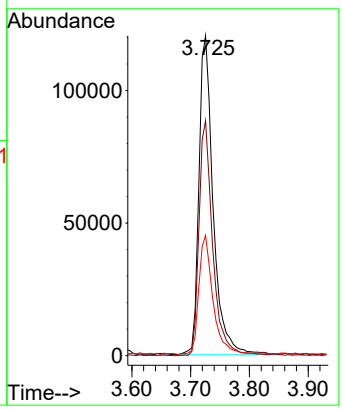




#3
Pyridine
Concen: 18.912 ng
RT: 3.725 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion: 79 Resp: 20215

Ion	Ratio	Lower	Upper
79	100		
52	73.5	55.5	83.3
51	37.6	28.3	42.5



Instrument :
BNA_P
ClientSampleId :
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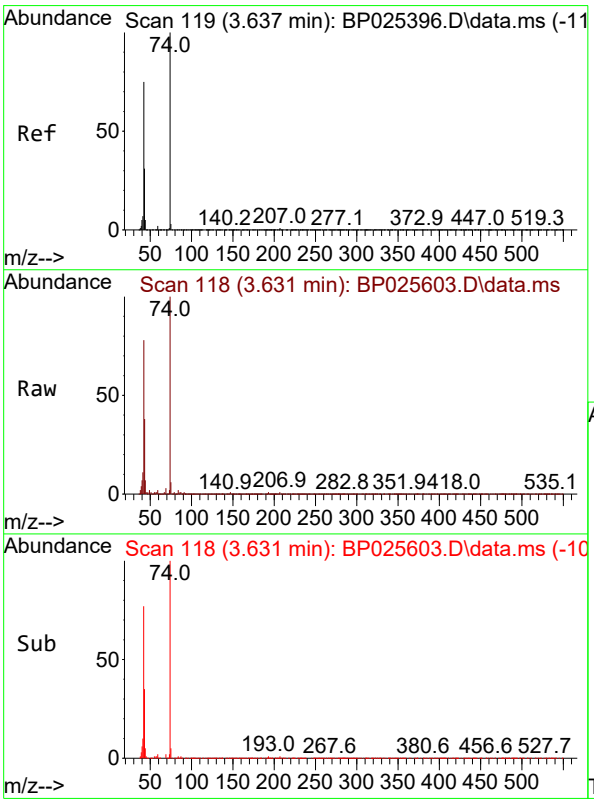
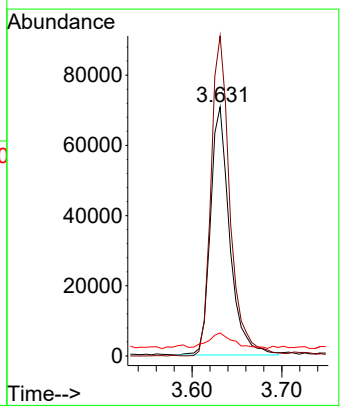
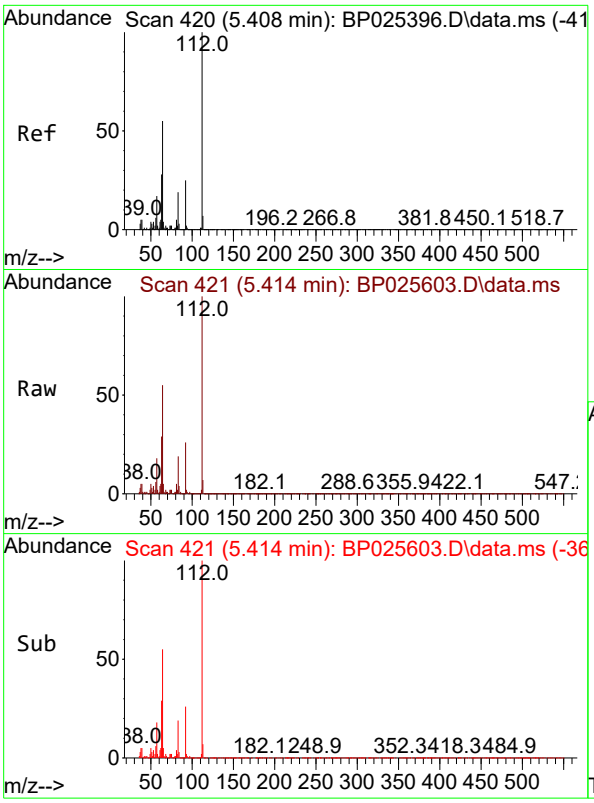


#4
n-Nitrosodimethylamine
Concen: 23.851 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion: 42 Resp: 105107

Ion	Ratio	Lower	Upper
42	100		
74	128.5	107.0	160.4
44	9.2	6.2	9.4





#5
2-Fluorophenol
Concen: 67.377 ng
RT: 5.414 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:112 Resp: 67175

Ion	Ratio	Lower	Upper
112	100		
64	55.1	43.8	65.8
63	29.5	22.7	34.1

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

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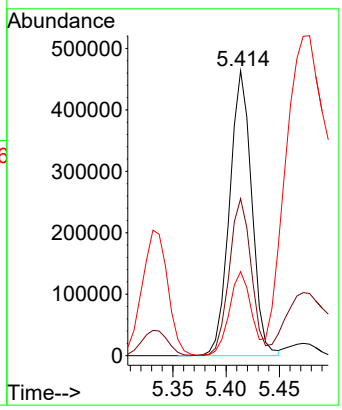
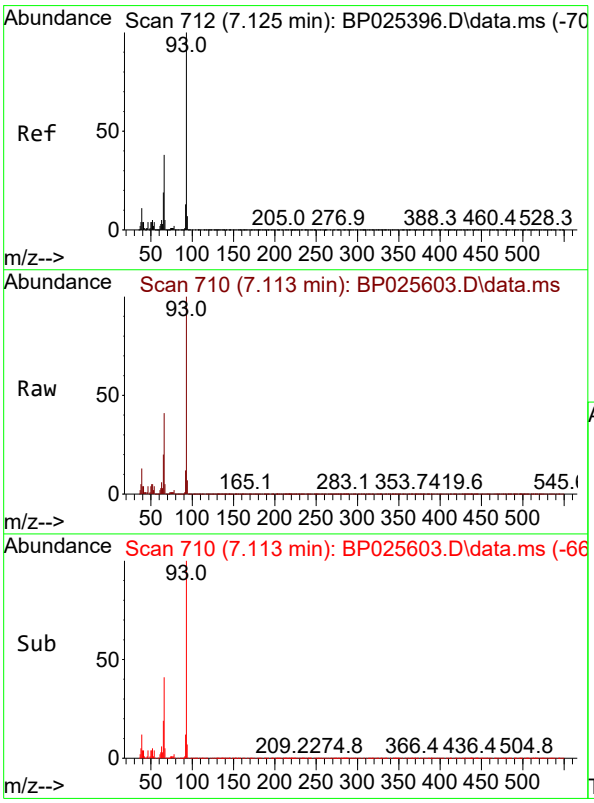
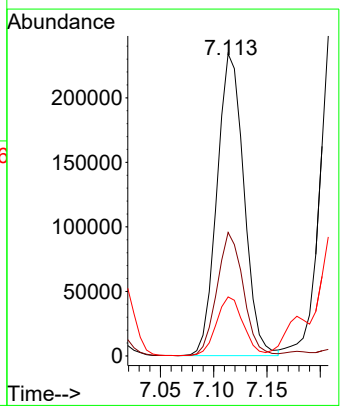


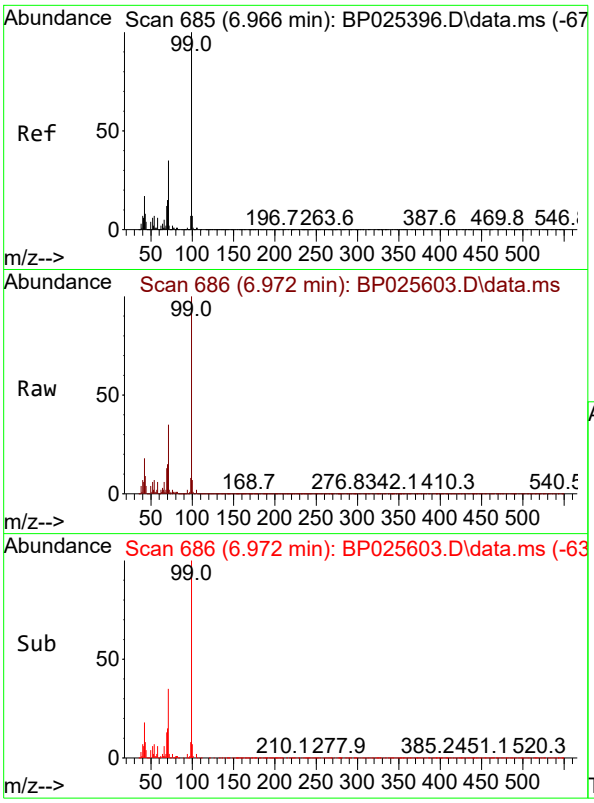


#6
Aniline
Concen: 23.929 ng
RT: 7.113 min Scan# 710
Delta R.T. -0.012 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion: 93 Resp: 412121

Ion	Ratio	Lower	Upper
93	100		
66	40.9	30.4	45.6
65	19.5	15.3	22.9

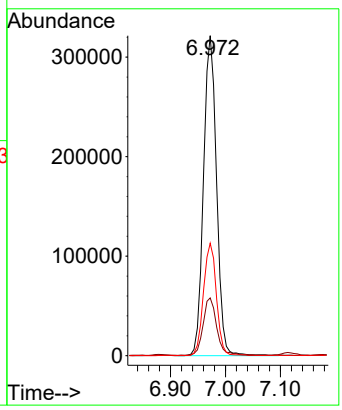




#7
Phenol-d6
Concen: 41.411 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion: 99 Resp: 52934

Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.7	20.5
71	35.1	28.2	42.4



Instrument :
BNA_P
ClientSampleId :
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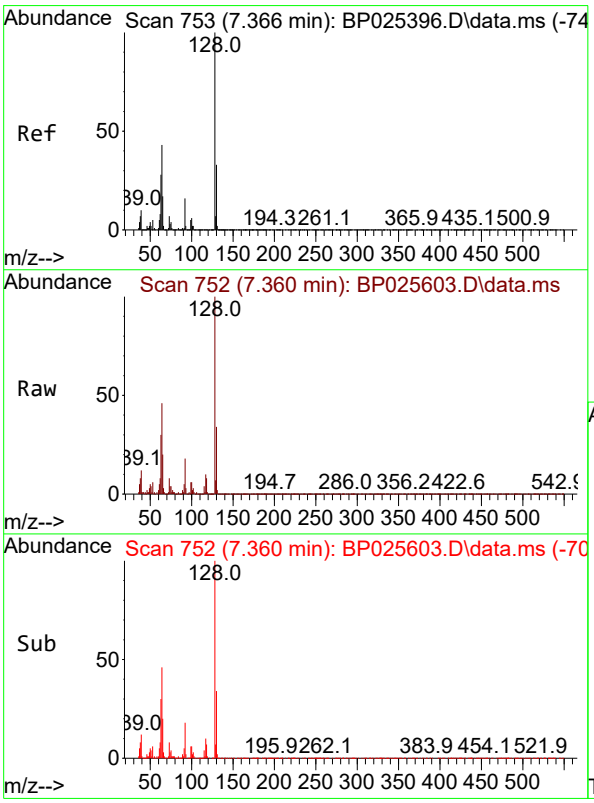
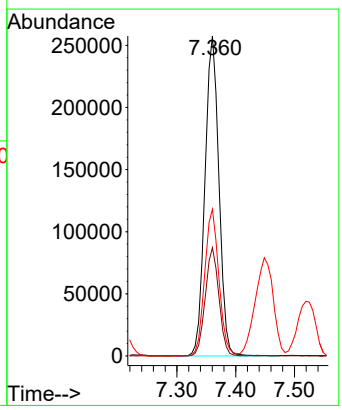
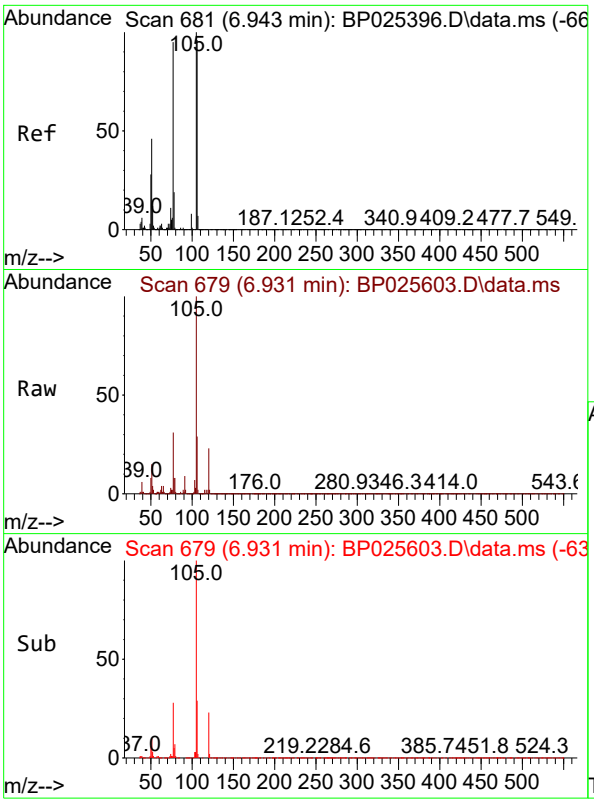


#8
2-Chlorophenol
Concen: 37.587 ng
RT: 7.360 min Scan# 752
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:128 Resp: 422887

Ion	Ratio	Lower	Upper
128	100		
130	33.8	12.6	52.6
64	45.9	23.4	63.4

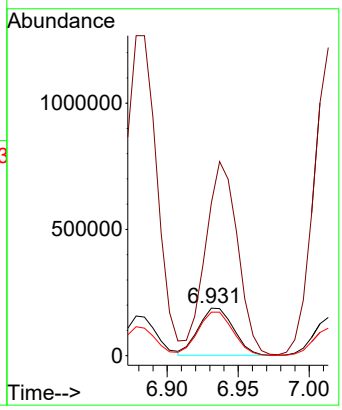




#9
Benzaldehyde
Concen: 35.801 ng
RT: 6.931 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion: 77 Resp: 32061

Ion	Ratio	Lower	Upper
77	100		
105	320.5	84.8	124.8
106	91.5	80.5	120.5



Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

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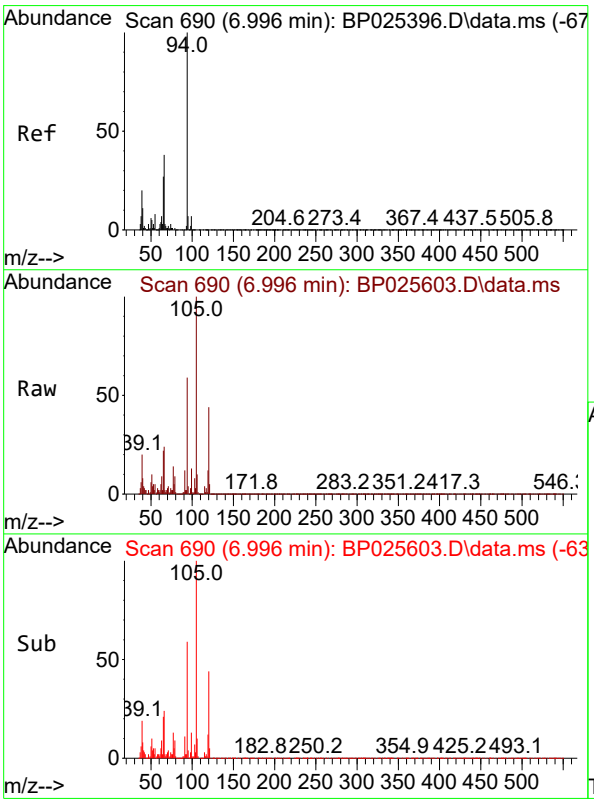
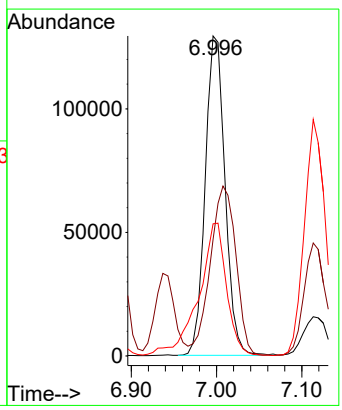
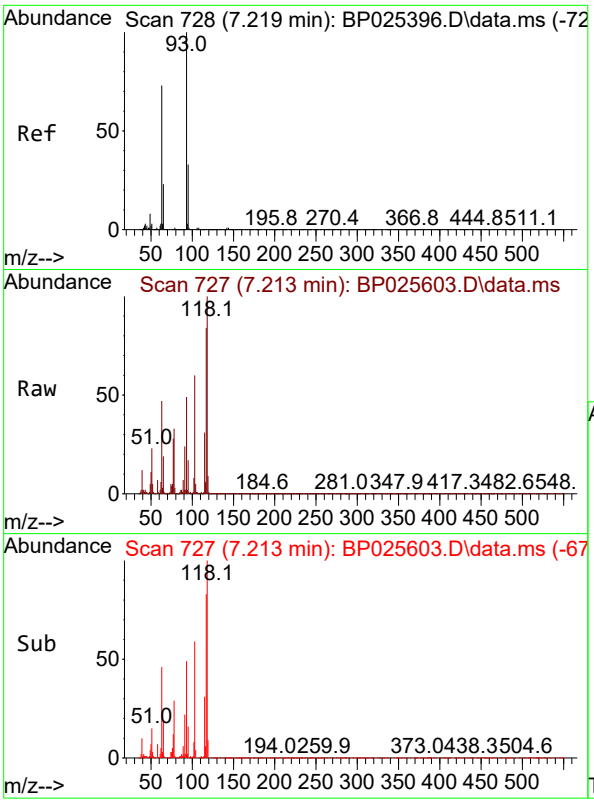


#10
Phenol
Concen: 15.618 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion: 94 Resp: 209480

Ion	Ratio	Lower	Upper
94	100		
65	36.5	6.8	46.8
66	41.3	18.2	58.2





#11
bis(2-Chloroethyl)ether
Concen: 41.984 ng
RT: 7.213 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion: 93 Resp: 43891

Ion	Ratio	Lower	Upper
93	100		
63	95.1	52.6	92.6
95	33.5	12.7	52.7

Instrument :
BNA_P
ClientSampleId :
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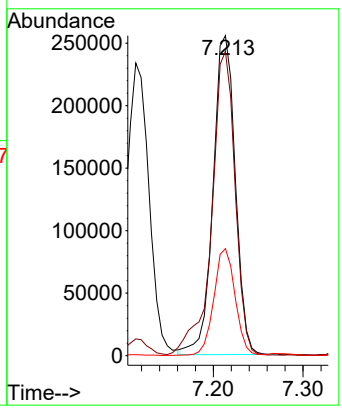
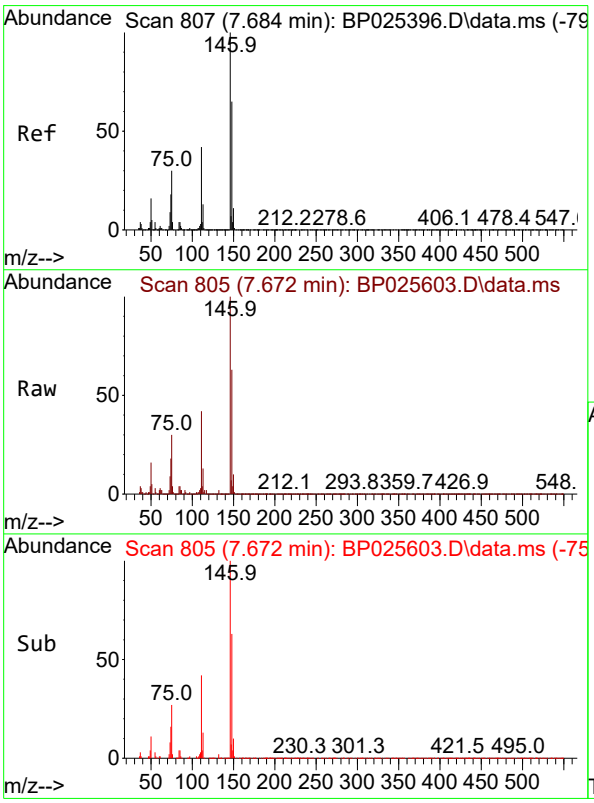
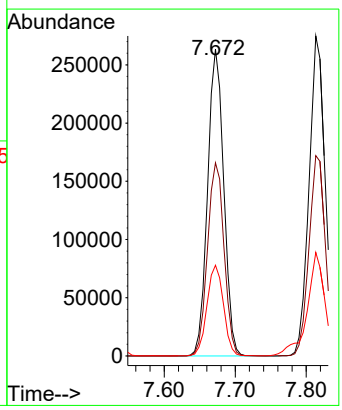


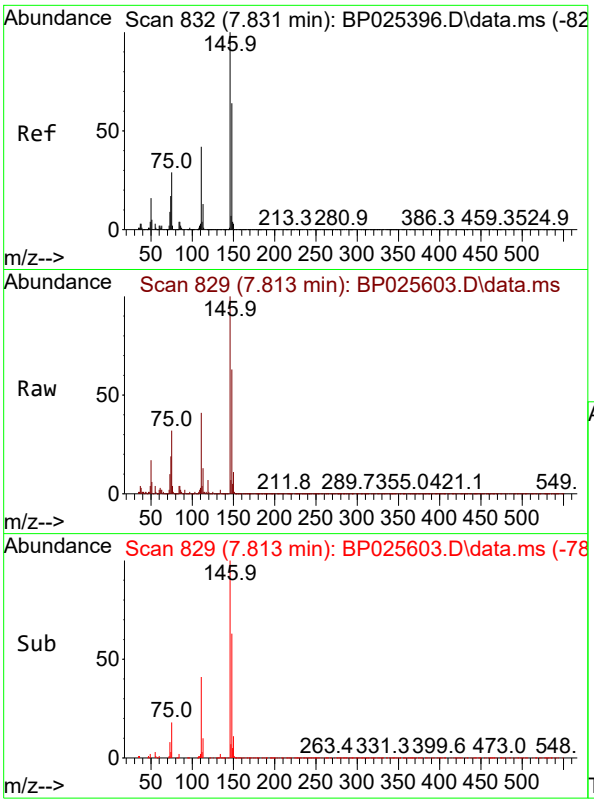


#12
1,3-Dichlorobenzene
Concen: 33.634 ng
RT: 7.672 min Scan# 805
Delta R.T. -0.012 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:146 Resp: 417263

Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.9	77.9
75	29.6	23.7	35.5

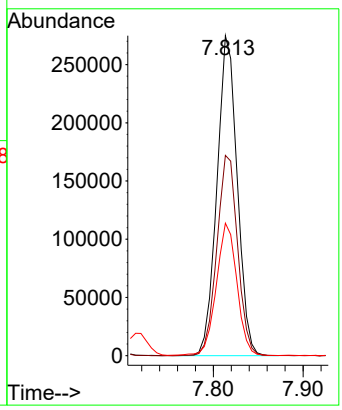




#13
1,4-Dichlorobenzene
Concen: 34.006 ng
RT: 7.813 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:146 Resp: 43120

Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.6	77.4
111	41.4	33.4	50.0



Instrument :
BNA_P
ClientSampleId :
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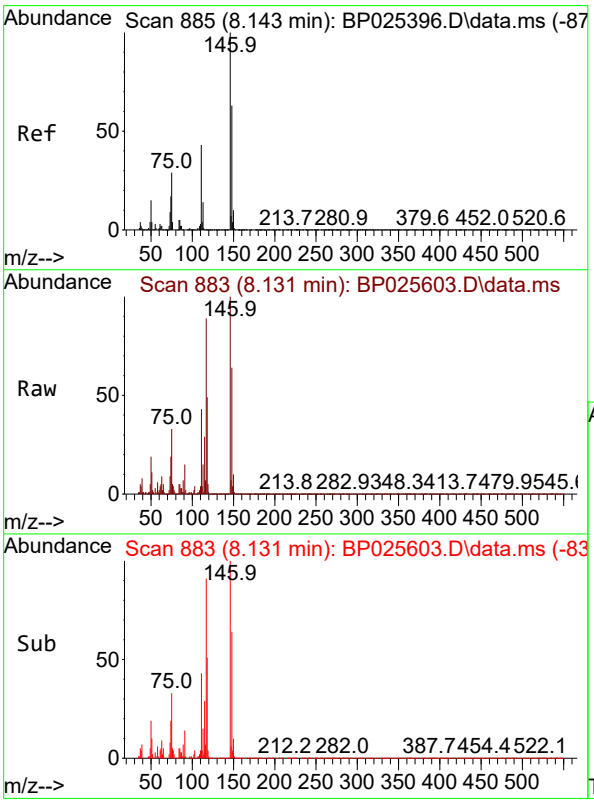
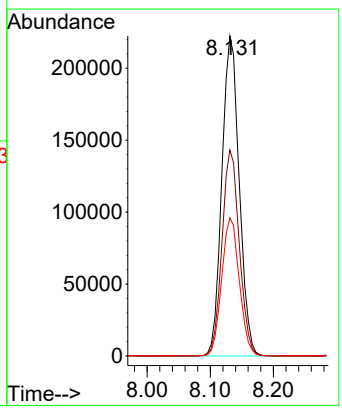
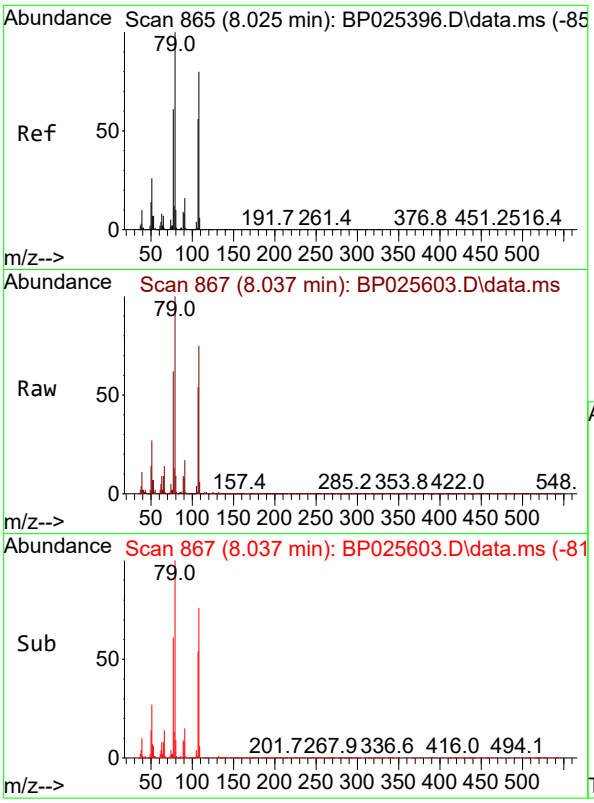


#14
1,2-Dichlorobenzene
Concen: 34.567 ng
RT: 8.131 min Scan# 883
Delta R.T. -0.012 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:146 Resp: 424297

Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.4	75.6
111	43.1	34.5	51.7





#15
Benzyl Alcohol
Concen: 30.441 ng
RT: 8.037 min Scan# 8
Delta R.T. 0.012 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion: 79 Resp: 30917

Ion	Ratio	Lower	Upper
79	100		
108	75.5	63.8	95.6
77	61.8	49.0	73.4

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

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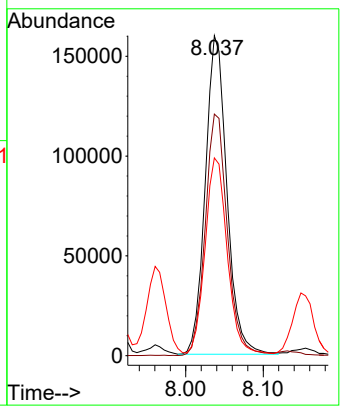
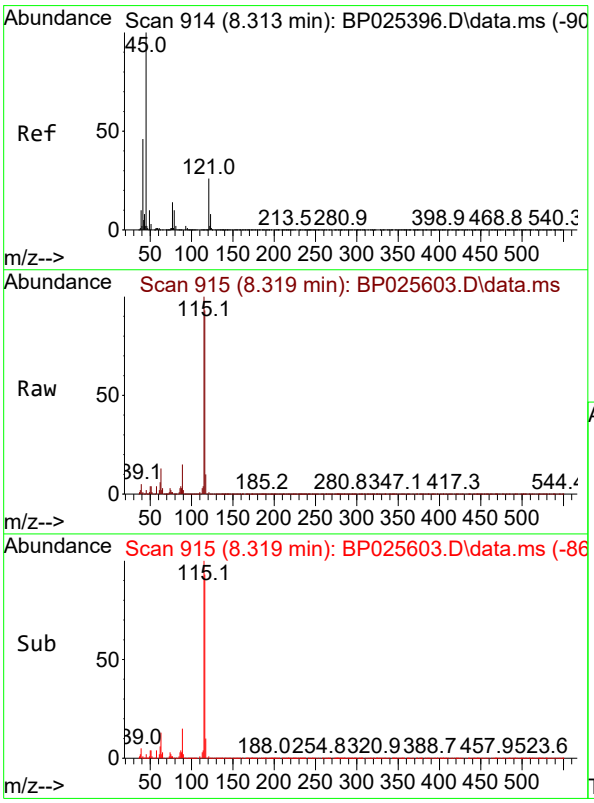
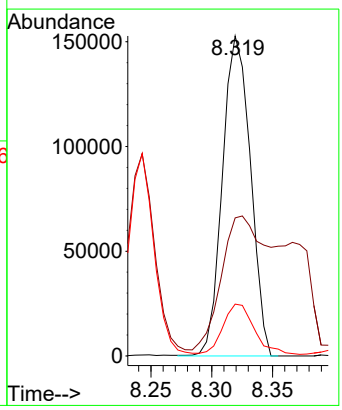


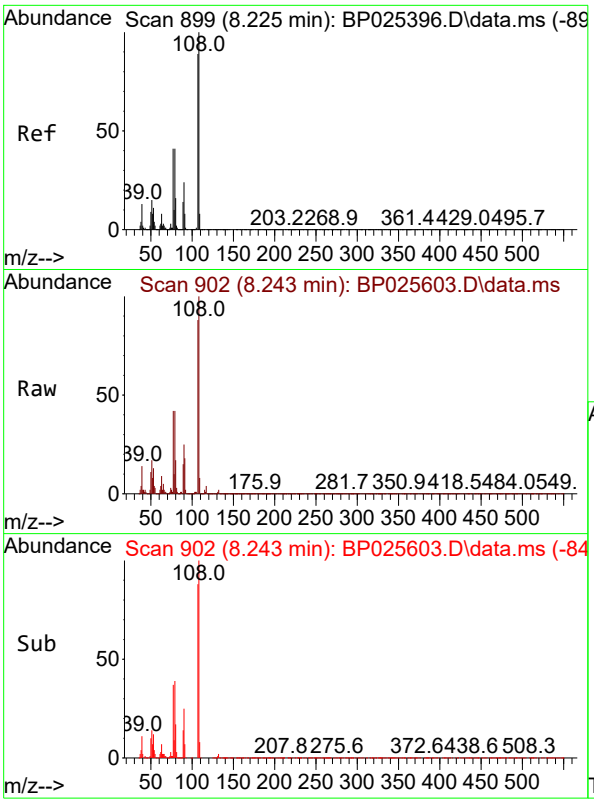


#16
2,2'-oxybis(1-Chloropropane)
Concen: 17.457 ng
RT: 8.319 min Scan# 915
Delta R.T. 0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion: 45 Resp: 244473

Ion	Ratio	Lower	Upper
45	100		
77	43.1	0.0	35.3#
79	16.2	0.0	31.8

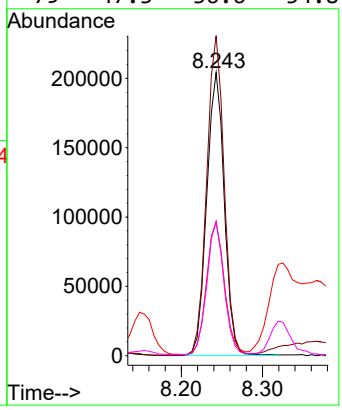




#17
2-Methylphenol
Concen: 32.816 ng
RT: 8.243 min Scan# 9
Delta R.T. 0.018 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:107 Resp: 30569

Ion	Ratio	Lower	Upper
107	100		
108	113.0	89.4	134.0
77	47.3	36.3	54.5
79	47.3	36.6	54.8



Instrument :
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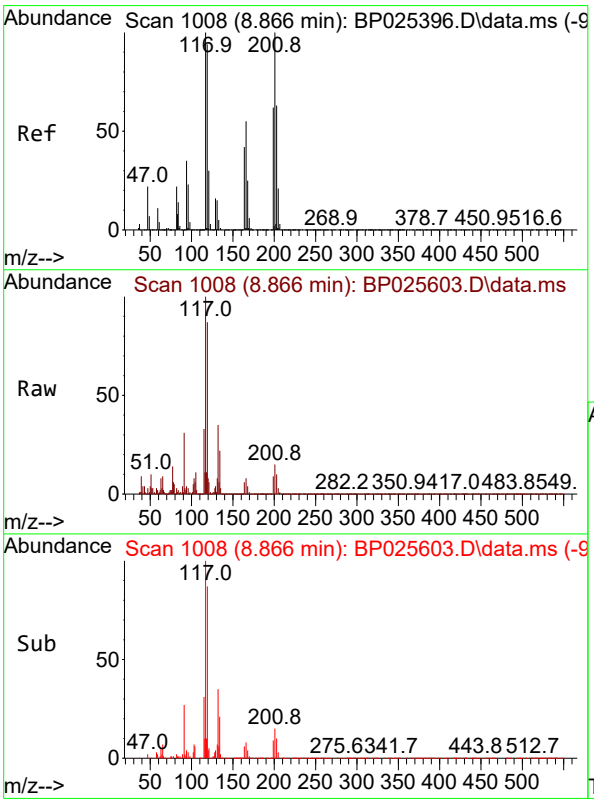
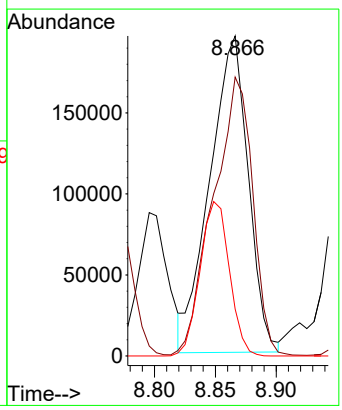
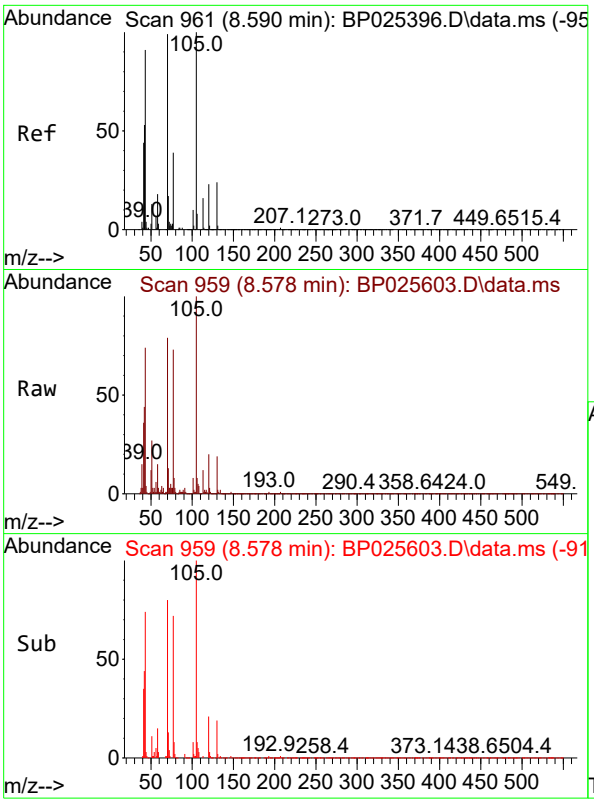


#18
Hexachloroethane
Concen: 92.067 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:117 Resp: 429233

Ion	Ratio	Lower	Upper
117	100		
119	87.1	75.1	112.7
201	14.7	80.1	120.1#





#19
n-Nitroso-di-n-propylamine
Concen: 41.062 ng
RT: 8.578 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 70 Resp: 34767

Ion	Ratio	Lower	Upper
70	100		
42	56.0	43.8	65.6
101	10.4	8.5	12.7
130	24.1	19.4	29.0

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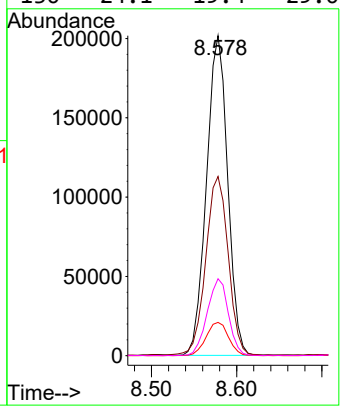
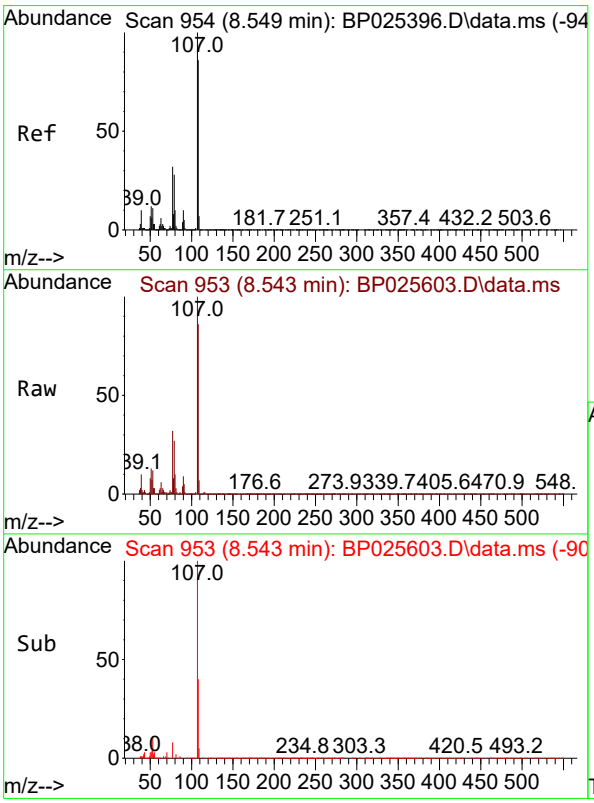
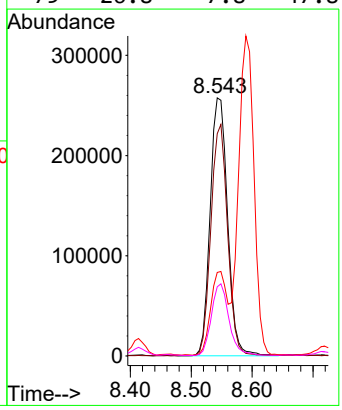


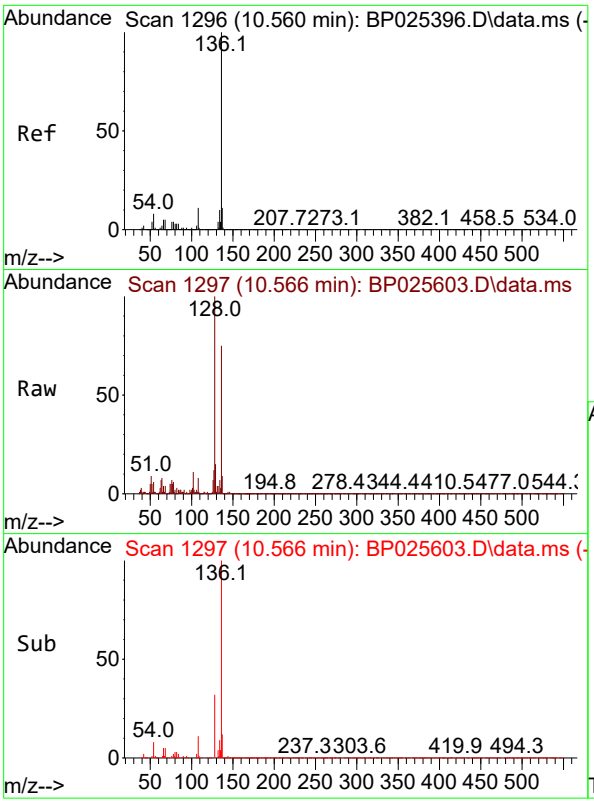


#20
3+4-Methylphenols
Concen: 39.604 ng
RT: 8.543 min Scan# 953
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:107 Resp: 511394

Ion	Ratio	Lower	Upper
107	100		
108	86.1	66.3	106.3
77	32.4	12.3	52.3
79	26.8	7.8	47.8

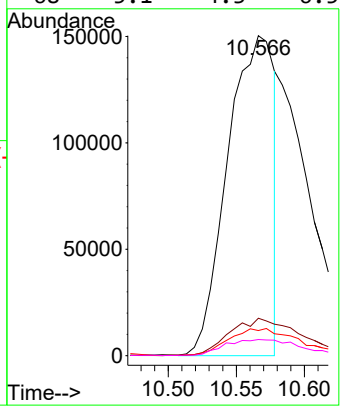




#21
Naphthalene-d8
Concen: 20.000 ng m
RT: 10.566 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:136 Resp: 35893

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	7.9	6.0	9.0
68	5.1	4.3	6.5



Instrument :
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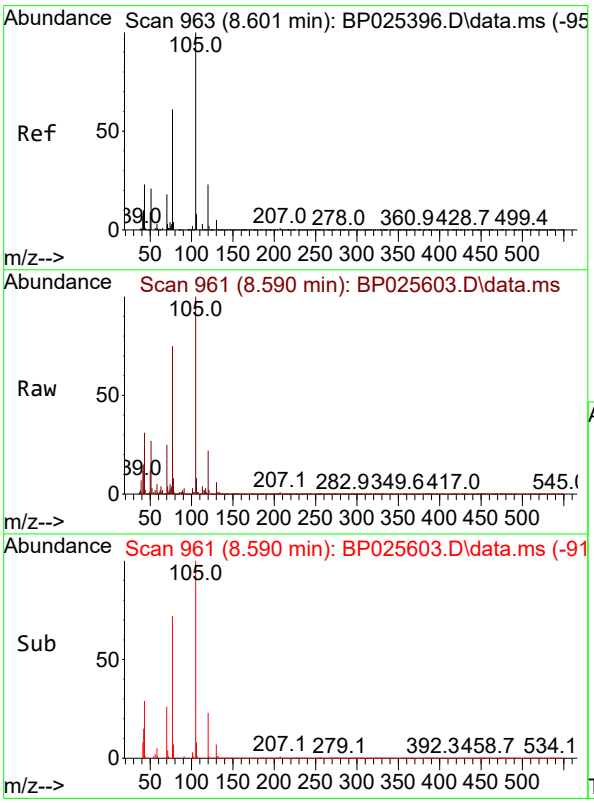
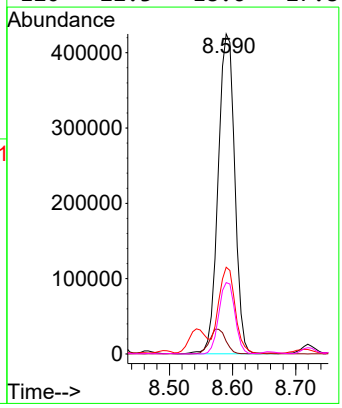
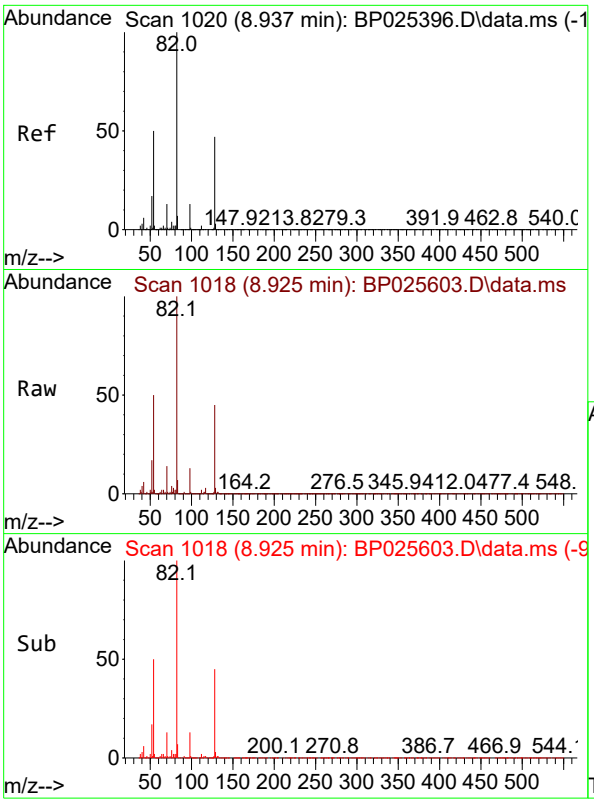


#22
Acetophenone
Concen: 86.068 ng
RT: 8.590 min Scan# 961
Delta R.T. -0.012 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:105 Resp: 774732

Ion	Ratio	Lower	Upper
105	100		
71	4.0	2.6	4.0
51	27.1	20.6	30.8
120	22.3	18.6	27.8

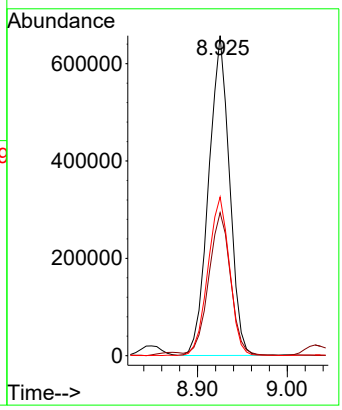




#23
Nitrobenzene-d5
Concen: 149.131 ng
RT: 8.925 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion: 82 Resp: 105818

Ion	Ratio	Lower	Upper
82	100		
128	44.7	37.7	56.5
54	49.6	39.8	59.6



Instrument :
BNA_P
ClientSampleId :
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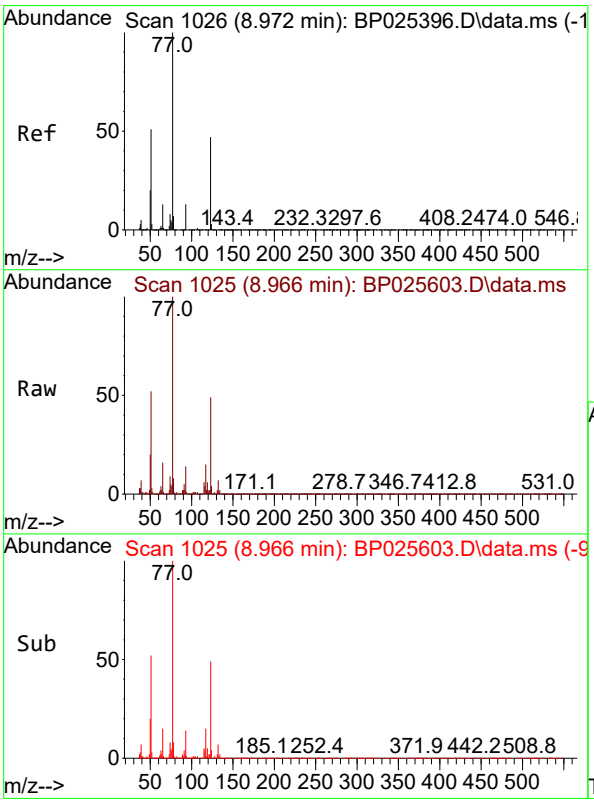
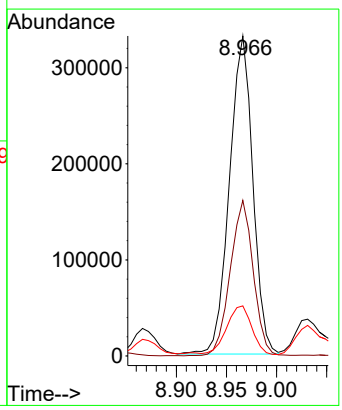
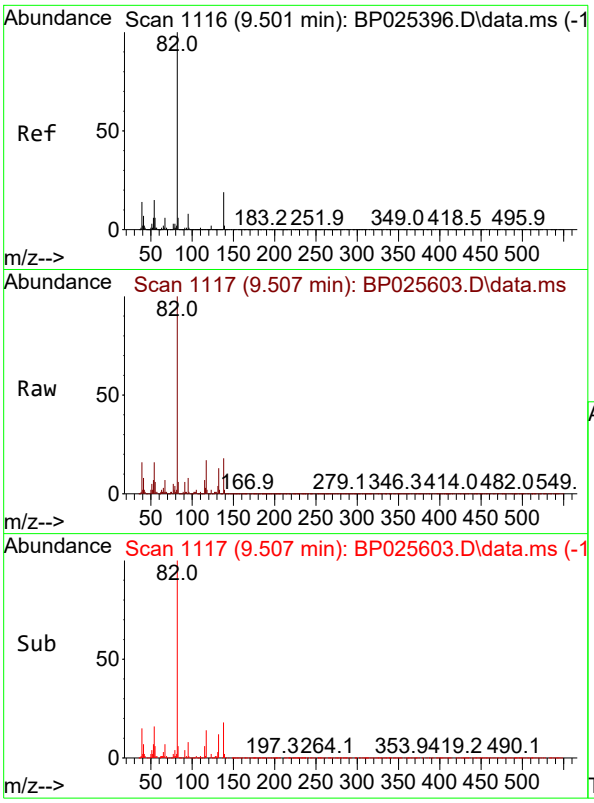


#24
Nitrobenzene
Concen: 84.602 ng
RT: 8.966 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion: 77 Resp: 536503

Ion	Ratio	Lower	Upper
77	100		
123	48.6	38.6	58.0
65	15.7	10.6	15.8





#25
Isophorone
Concen: 80.771 ng
RT: 9.507 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion: 82 Resp: 101428

Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.4	9.6
138	18.4	15.4	23.0

Instrument :
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ClientSampleId :
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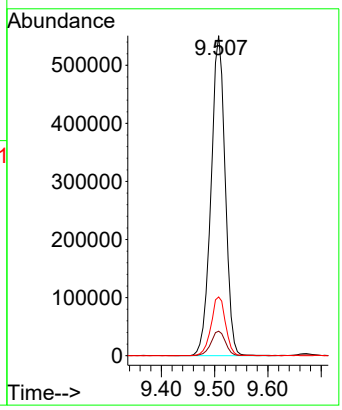
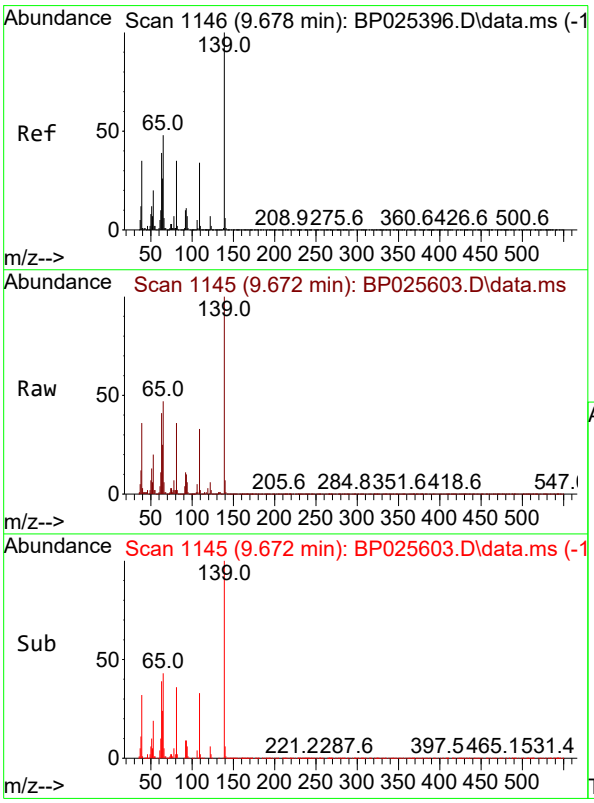
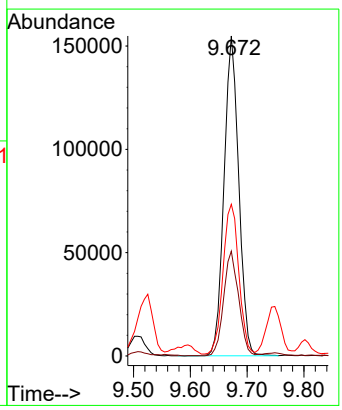


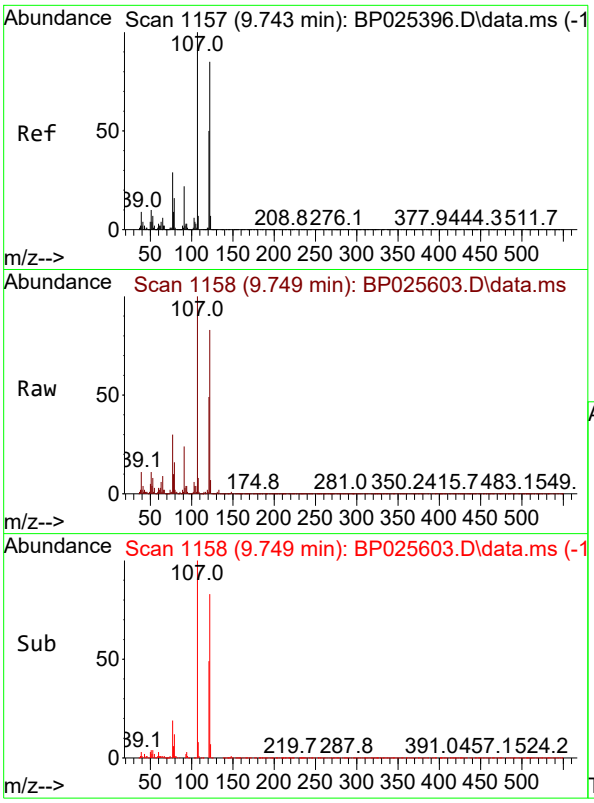


#26
2-Nitrophenol
Concen: 85.872 ng
RT: 9.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:139 Resp: 279469

Ion	Ratio	Lower	Upper
139	100		
109	32.8	26.9	40.3
65	47.4	38.3	57.5

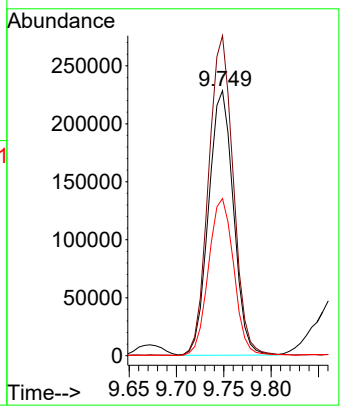




#27
2,4-Dimethylphenol
Concen: 74.518 ng
RT: 9.749 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:122 Resp: 41706

Ion	Ratio	Lower	Upper
122	100		
107	120.8	93.7	140.5
121	59.3	46.6	69.8



Instrument :
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ClientSampleId :
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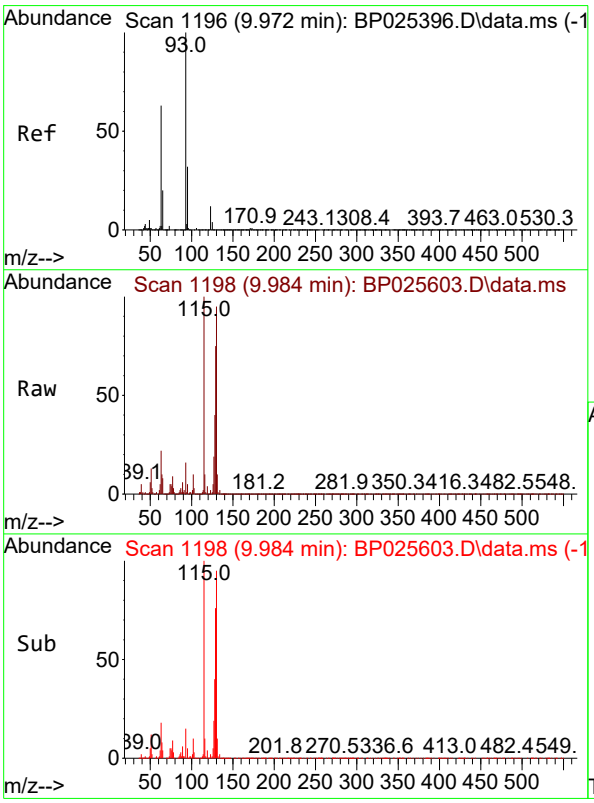
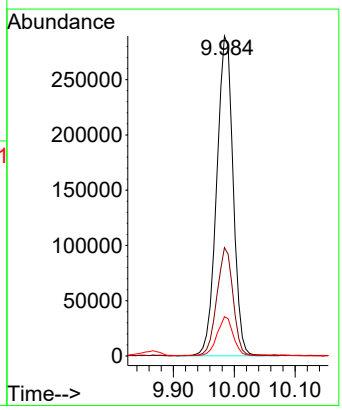
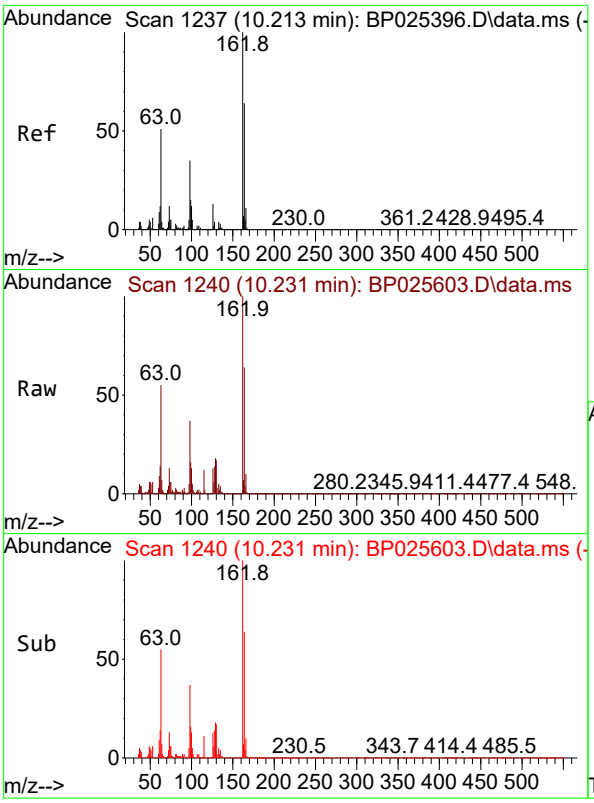


#28
bis(2-Chloroethoxy)methane
Concen: 71.459 ng
RT: 9.984 min Scan# 1198
Delta R.T. 0.012 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion: 93 Resp: 542429

Ion	Ratio	Lower	Upper
93	100		
95	33.9	25.4	38.0
123	12.3	9.4	14.0

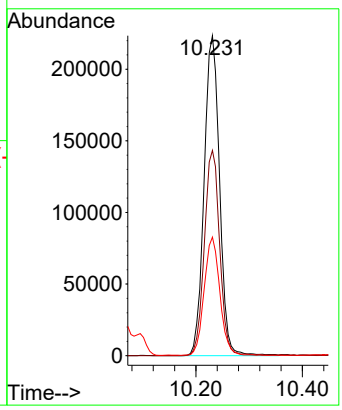




#29
2,4-Dichlorophenol
Concen: 80.812 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:162 Resp: 44929

Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.4	84.4
98	37.0	14.9	54.9



Instrument :
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ClientSampleId :
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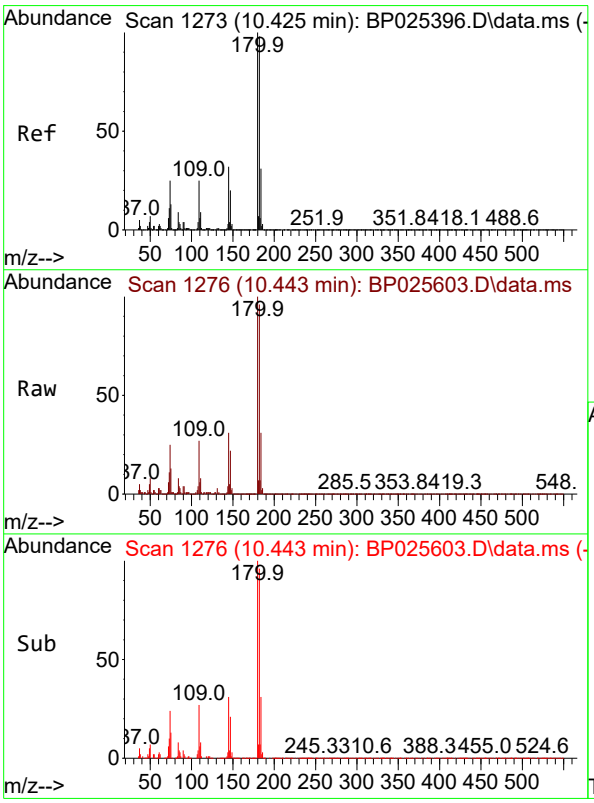
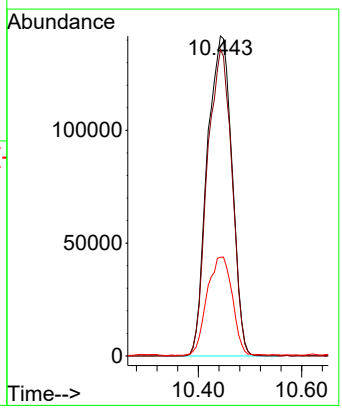
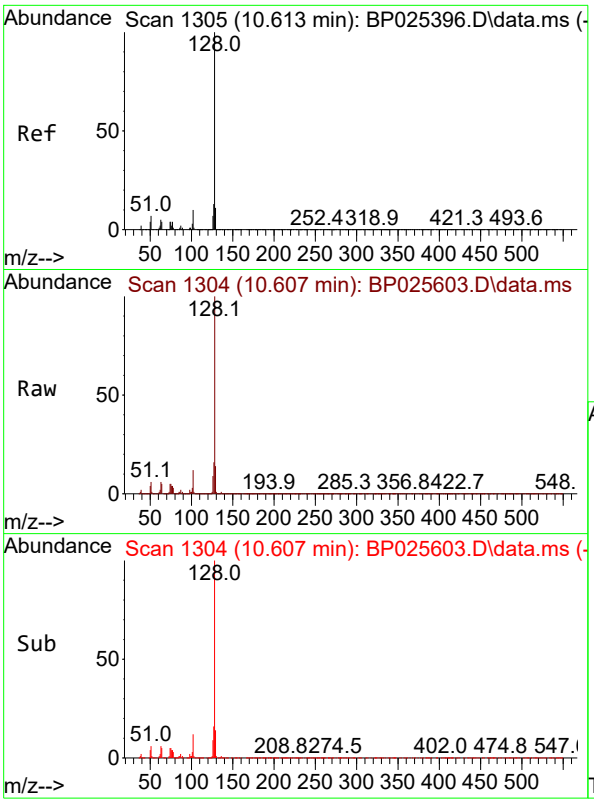


#30
1,2,4-Trichlorobenzene
Concen: 77.137 ng
RT: 10.443 min Scan# 1276
Delta R.T. 0.018 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:180 Resp: 470127

Ion	Ratio	Lower	Upper
180	100		
182	95.8	78.0	117.0
145	30.9	25.9	38.9

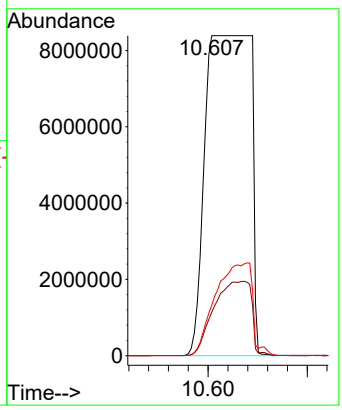




#31
Naphthalene
Concen: 2854.698 ng m
RT: 10.607 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:128 Resp:5325723

Ion	Ratio	Lower	Upper
128	100		
129	13.6	8.6	13.0
127	15.8	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
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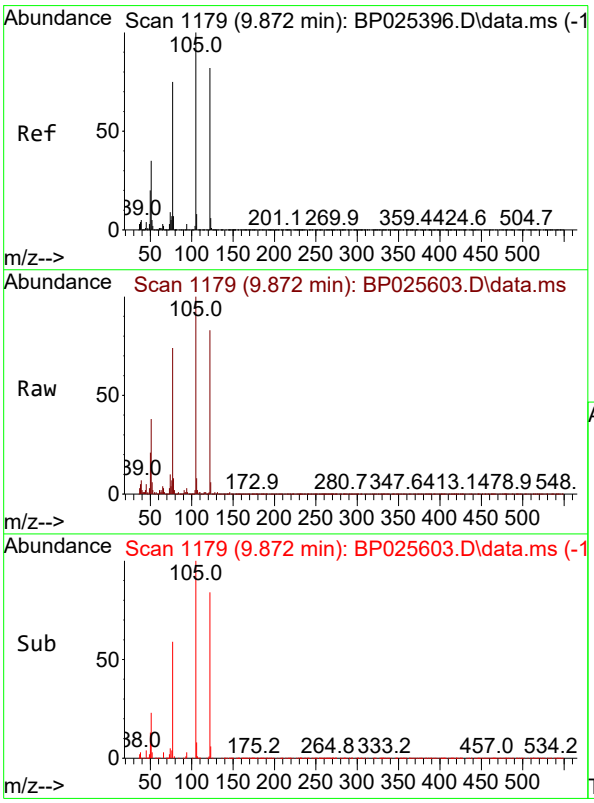
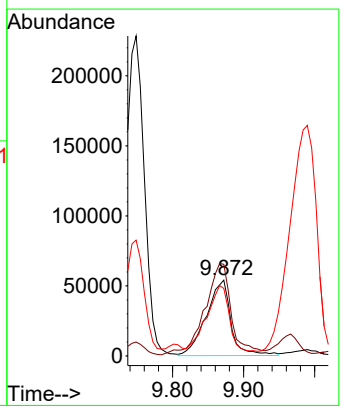
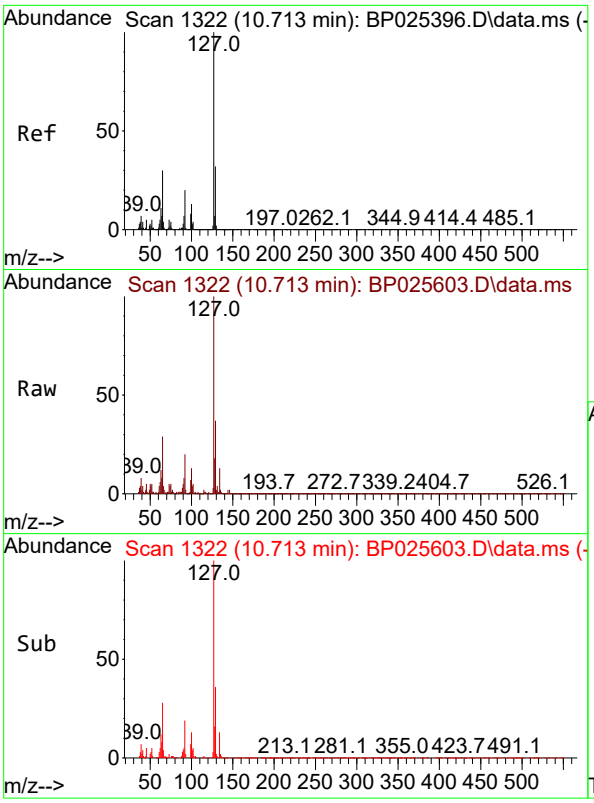


#32
Benzoic acid
Concen: 31.575 ng
RT: 9.872 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:122 Resp: 130466

Ion	Ratio	Lower	Upper
122	100		
105	120.9	100.6	140.6
77	89.0	71.5	111.5

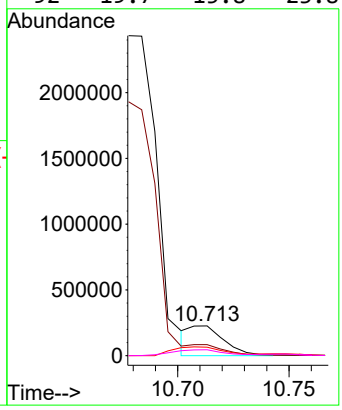




#33
4-Chloroaniline
Concen: 29.741 ng m
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:127 Resp: 24508

Ion	Ratio	Lower	Upper
127	100		
129	37.2	25.4	38.2
65	28.6	23.8	35.6
92	19.7	15.8	23.8



Instrument :
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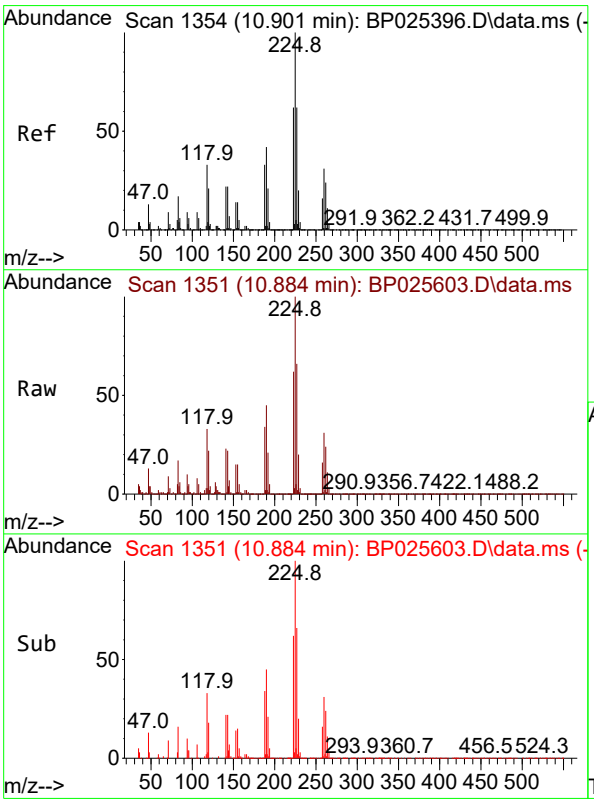
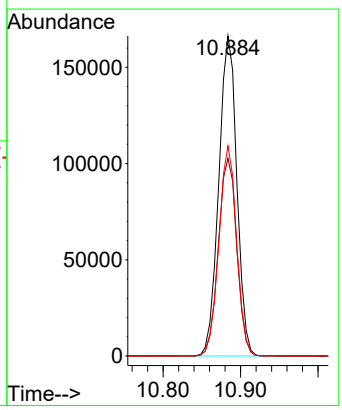
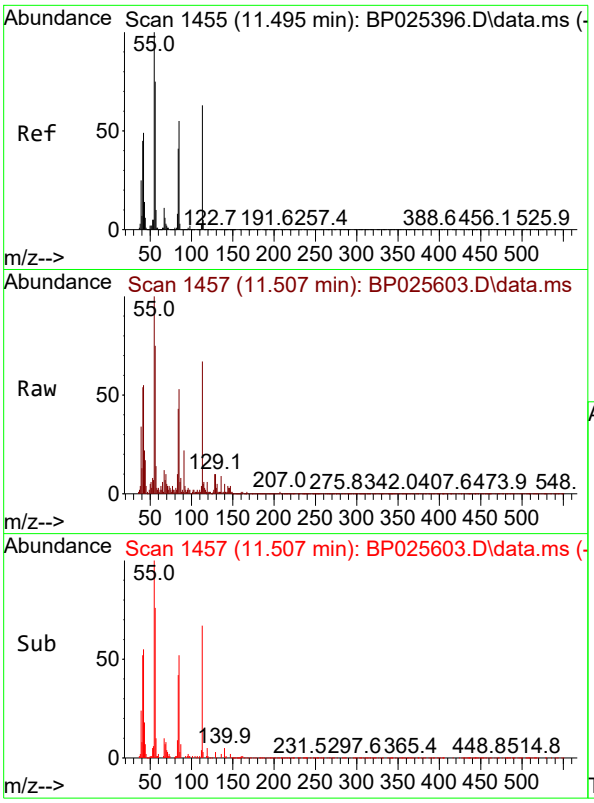


#34
Hexachlorobutadiene
Concen: 71.043 ng
RT: 10.884 min Scan# 1351
Delta R.T. -0.018 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:225 Resp: 269655

Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.0	75.0
227	65.6	49.7	74.5

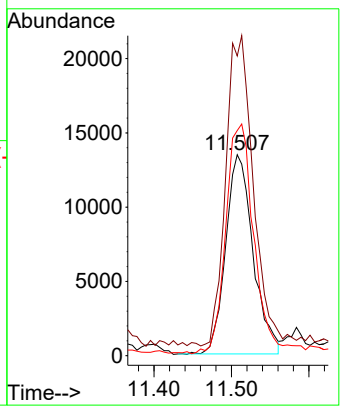




#35
Caprolactam
Concen: 16.193 ng
RT: 11.507 min Scan# 14
Delta R.T. 0.012 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:113 Resp: 3301

Ion	Ratio	Lower	Upper
113	100		
55	149.2	140.0	180.0
56	112.0	100.0	140.0



Instrument :
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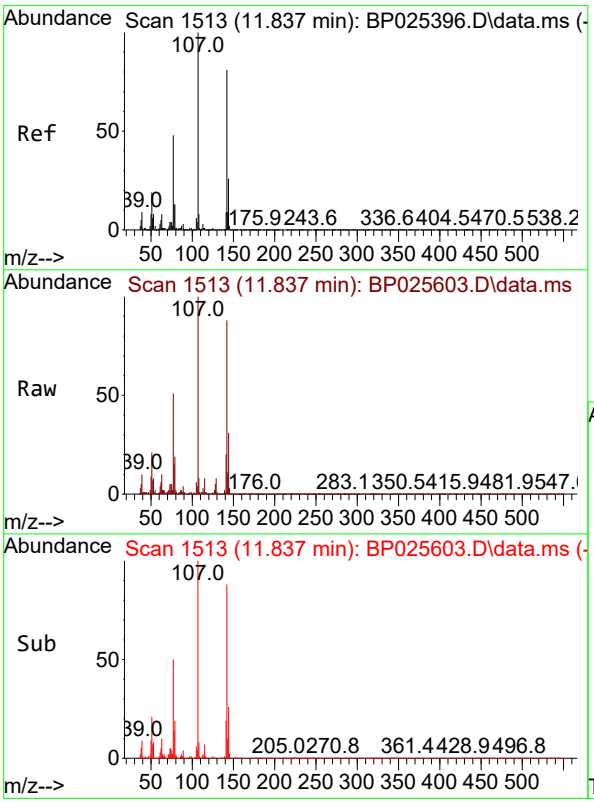
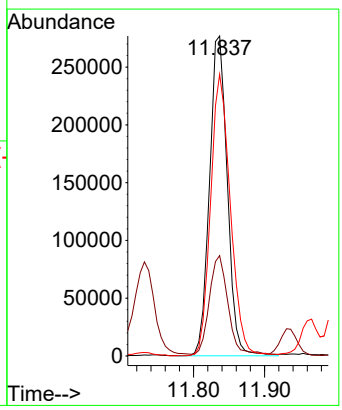
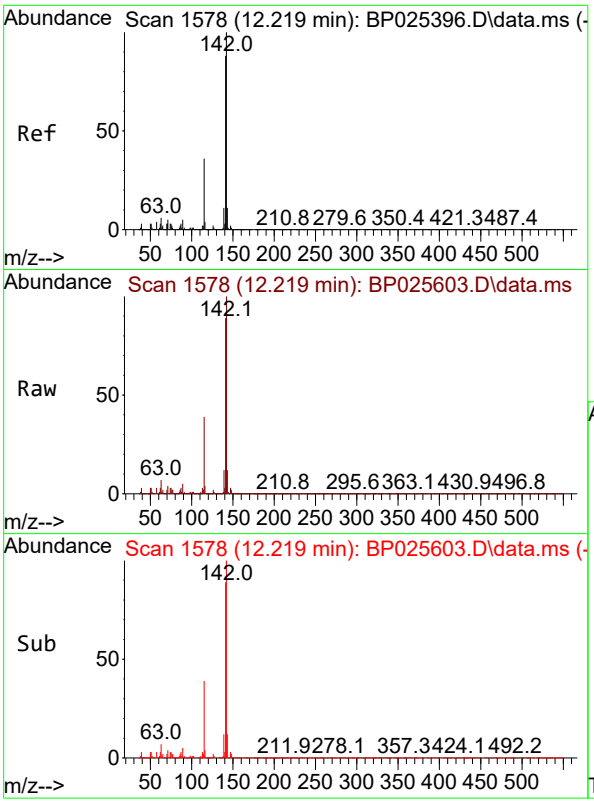


#36
4-Chloro-3-methylphenol
Concen: 75.431 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:107 Resp: 481225

Ion	Ratio	Lower	Upper
107	100		
144	31.3	21.0	31.4
142	88.0	64.6	97.0





#37
2-Methylnaphthalene
Concen: 809.982 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:142 Resp: 983382

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.3	105.5
115	39.3	28.9	43.3

Instrument :
BNA_P
ClientSampleId :
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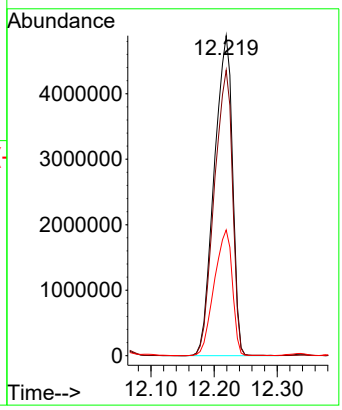
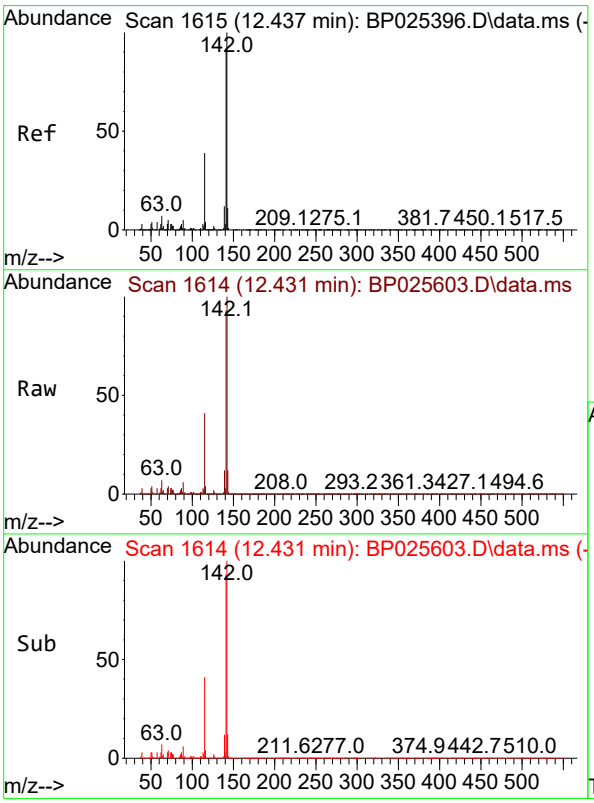
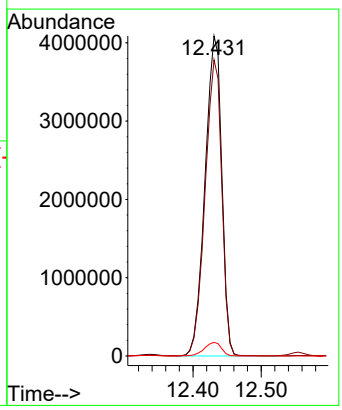


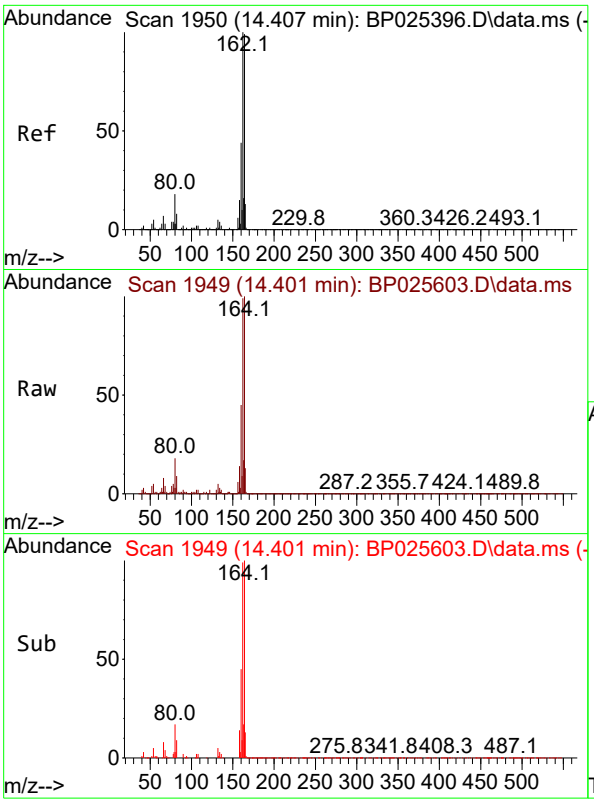


#38
1-Methylnaphthalene
Concen: 539.898 ng
RT: 12.431 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:142 Resp: 6970742

Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.1	109.7
116	4.2	3.2	4.8

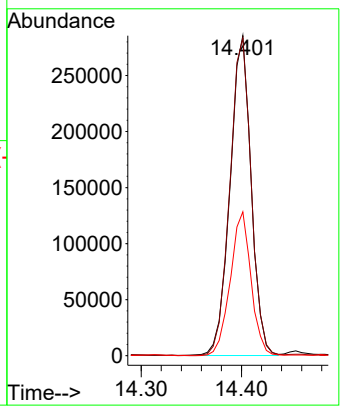




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:164 Resp: 41782

Ion	Ratio	Lower	Upper
164	100		
162	99.3	81.0	121.6
160	44.9	35.4	53.2



Instrument :
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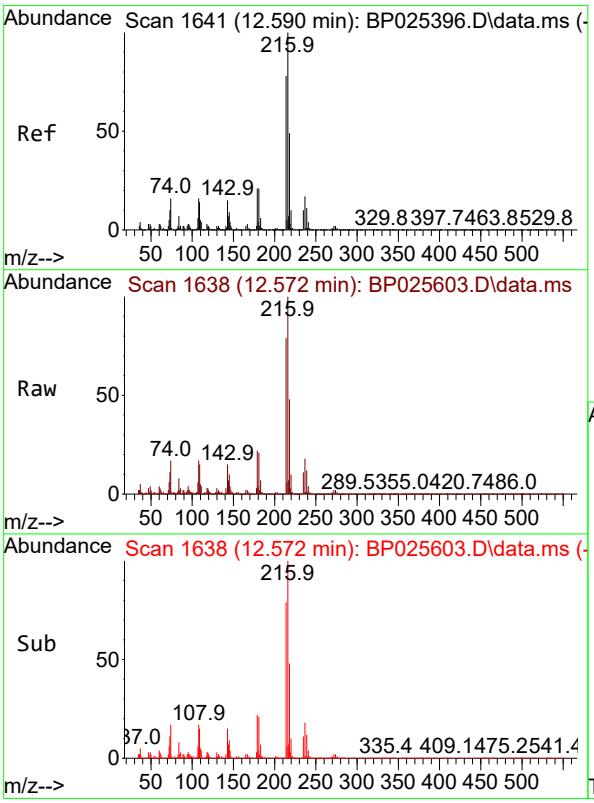
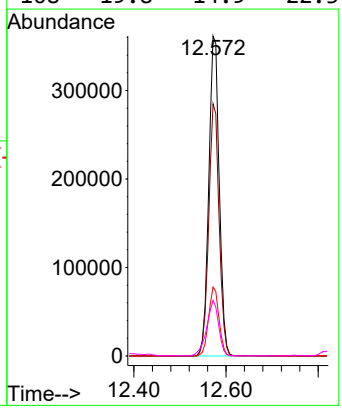
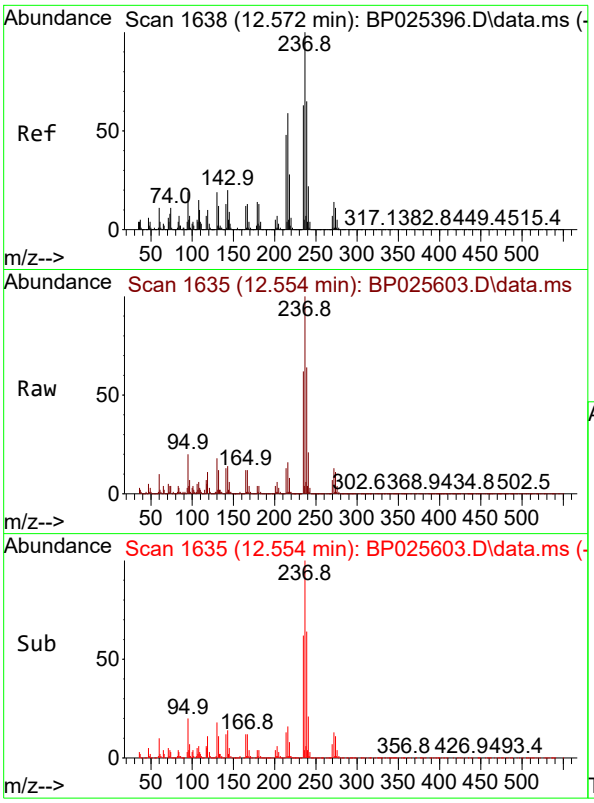


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.272 ng
RT: 12.572 min Scan# 1638
Delta R.T. -0.018 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:216 Resp: 570448

Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.4
179	21.5	17.1	25.7
108	19.8	14.9	22.3





#41
Hexachlorocyclopentadiene
Concen: 73.036 ng
RT: 12.554 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:237 Resp: 53237

Ion	Ratio	Lower	Upper
237	100		
235	62.2	42.7	82.7
272	12.5	0.0	34.0

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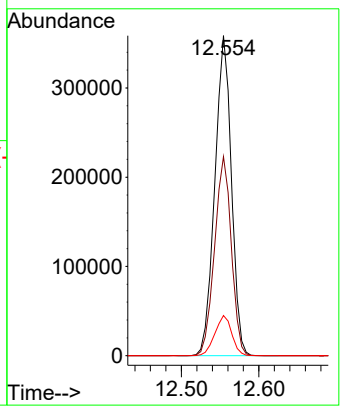
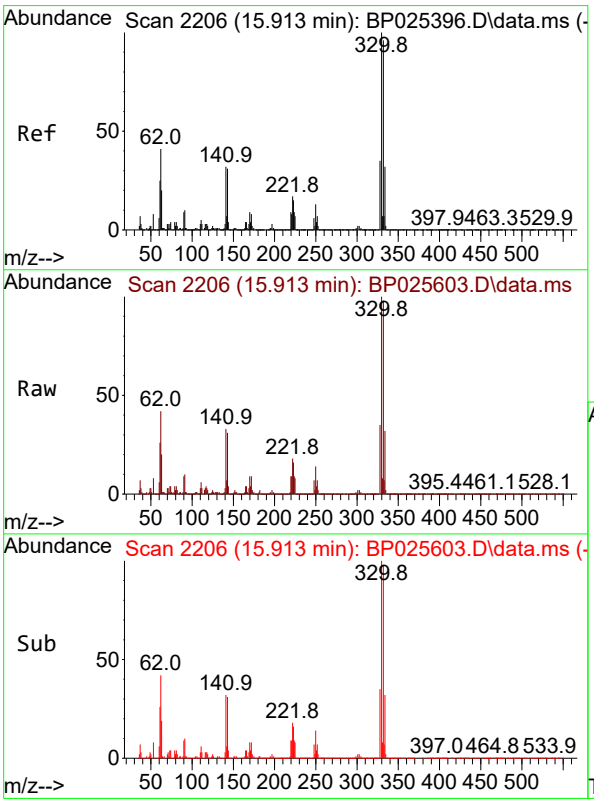
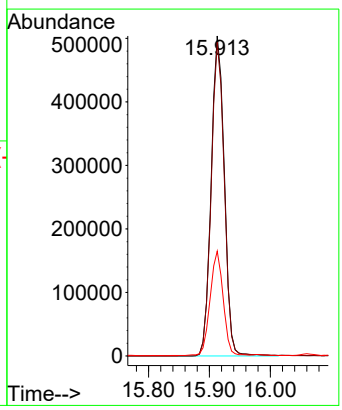


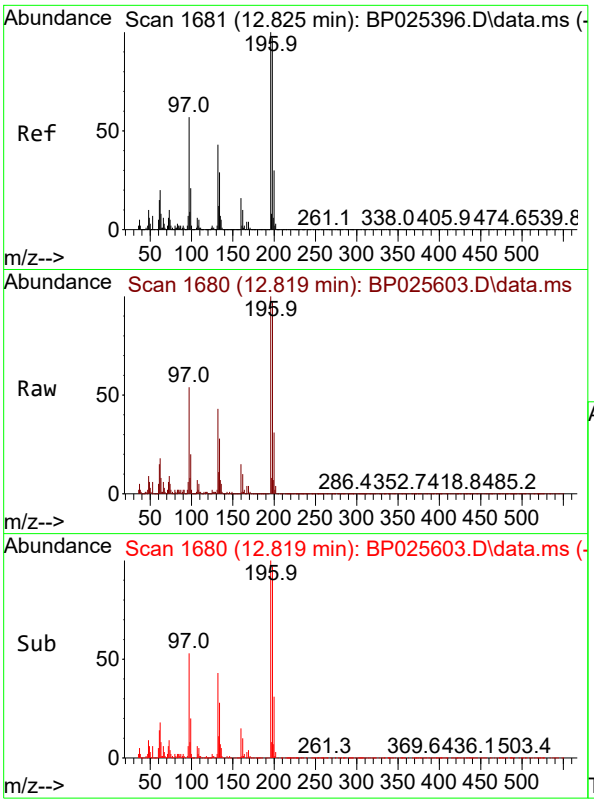


#42
2,4,6-Tribromophenol
Concen: 134.739 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:330 Resp: 757775

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.3	115.9
141	32.5	26.6	39.8





#43
2,4,6-Trichlorophenol
Concen: 47.698 ng
RT: 12.819 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:196 Resp: 38858

Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.2	115.8
200	30.7	23.9	35.9

Instrument :
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ClientSampleId :
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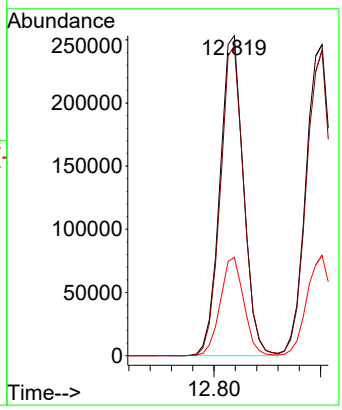
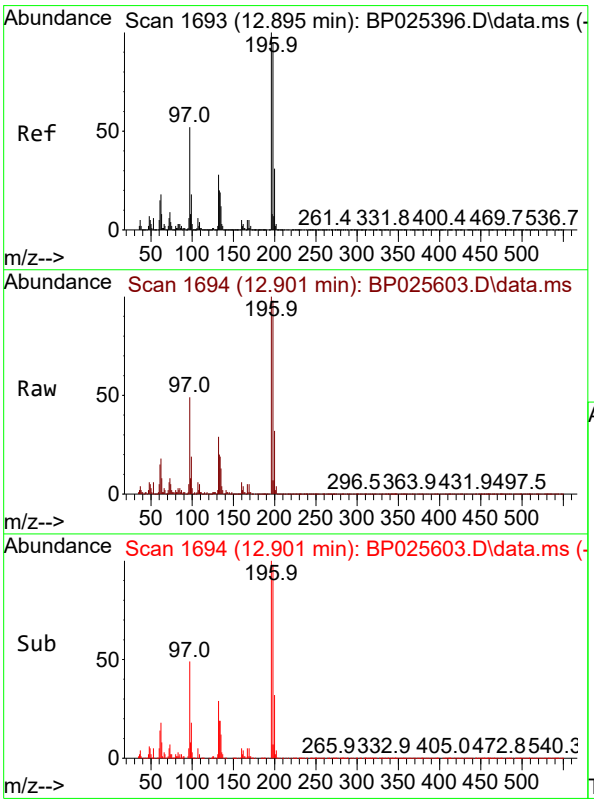
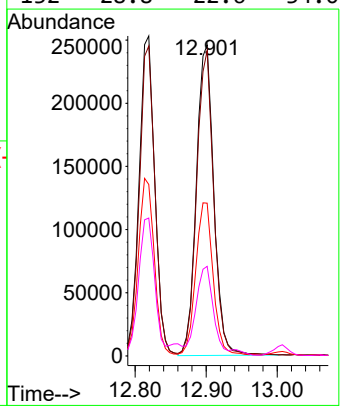


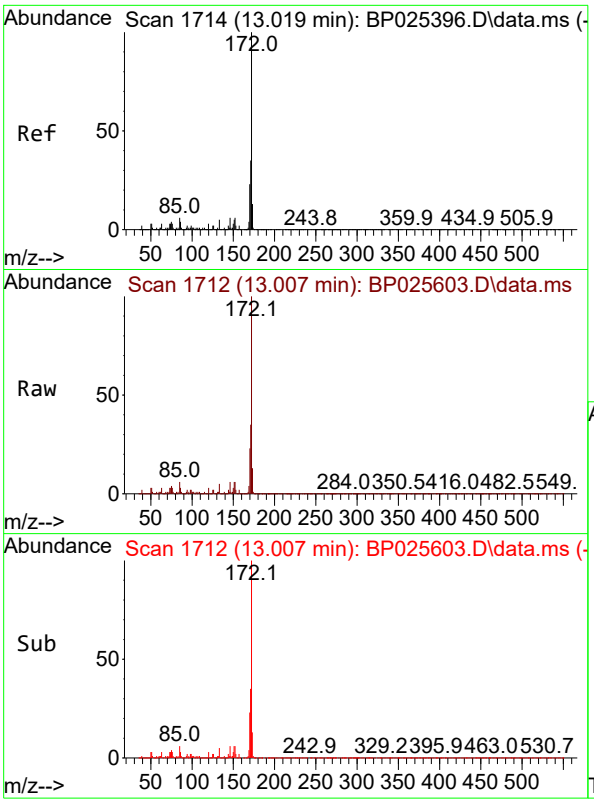


#44
2,4,5-Trichlorophenol
Concen: 47.415 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:196 Resp: 423357

Ion	Ratio	Lower	Upper
196	100		
198	98.2	76.2	114.2
97	49.1	41.2	61.8
132	28.8	22.6	34.0

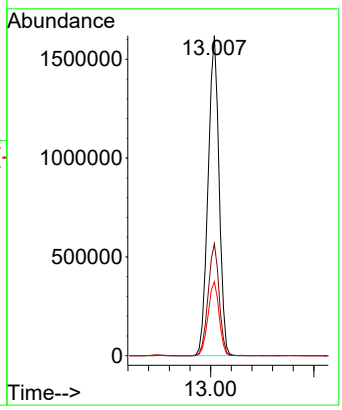




#45
2-Fluorobiphenyl
Concen: 78.060 ng
RT: 13.007 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:172 Resp: 238649

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.1	42.1
170	23.1	18.6	28.0



Instrument :
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ClientSampleId :
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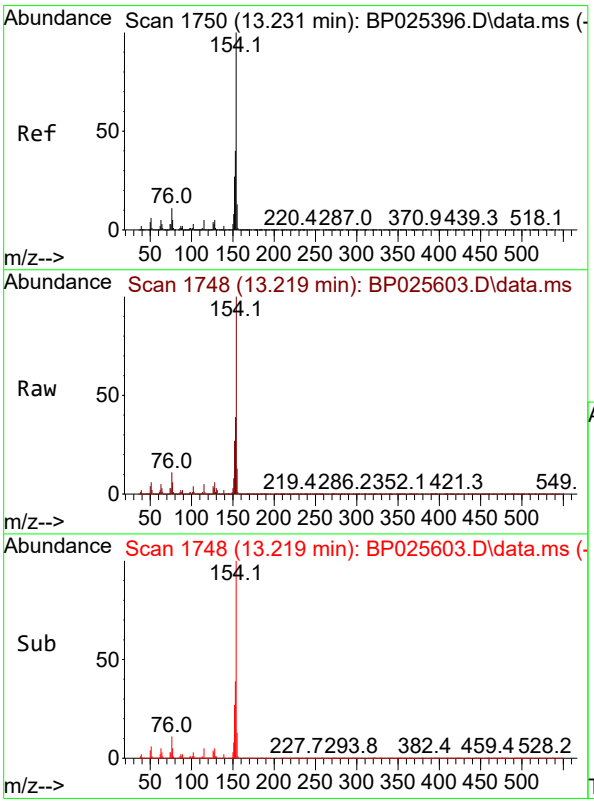
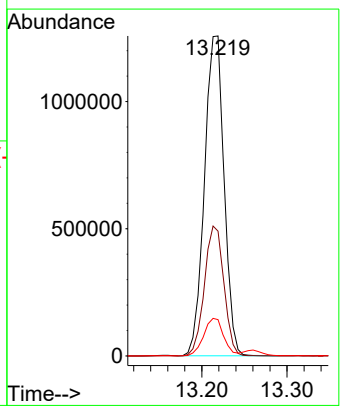
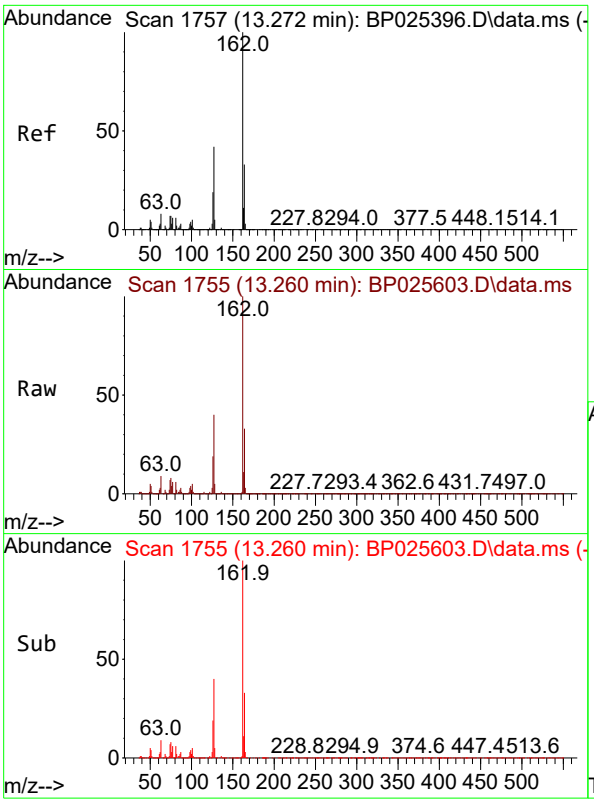


#46
1,1'-Biphenyl
Concen: 66.493 ng
RT: 13.219 min Scan# 1748
Delta R.T. -0.012 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:154 Resp: 2017741

Ion	Ratio	Lower	Upper
154	100		
153	39.0	19.5	59.5
76	11.3	0.0	31.1

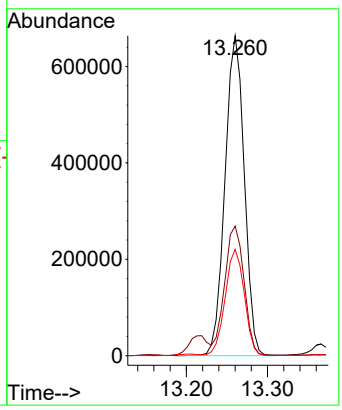




#47
2-Chloronaphthalene
Concen: 46.423 ng
RT: 13.260 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:162 Resp: 109667

Ion	Ratio	Lower	Upper
162	100		
127	40.5	33.4	50.2
164	33.2	26.2	39.2



Instrument :
BNA_P
ClientSampleId :
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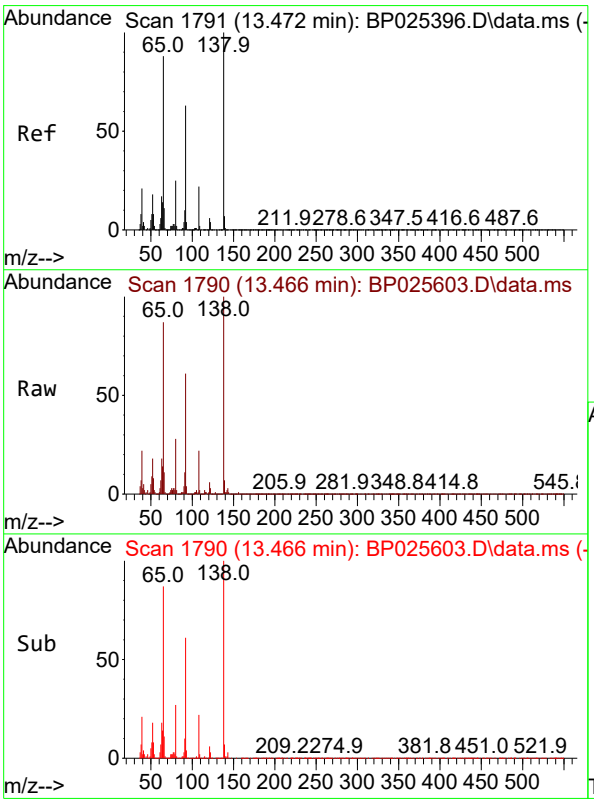
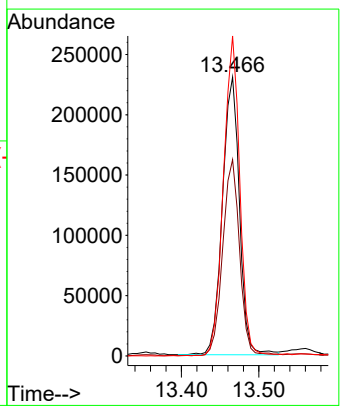
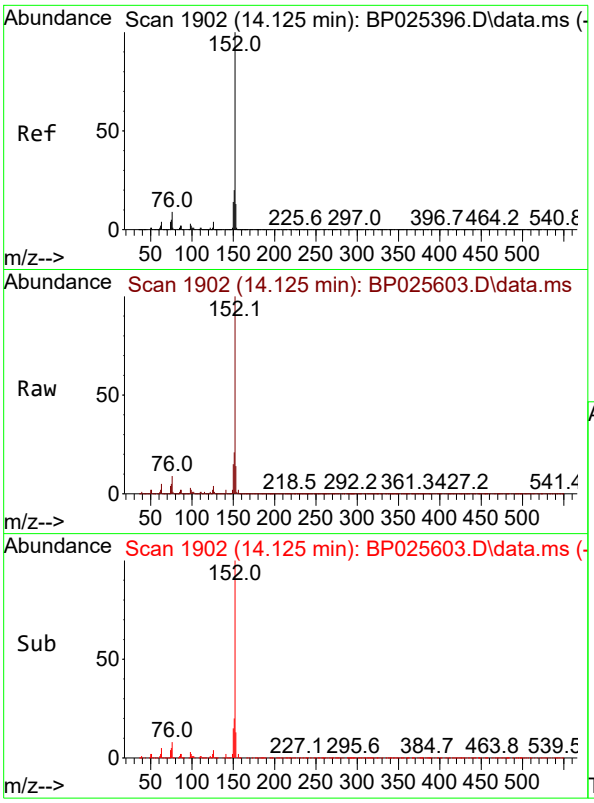


#48
2-Nitroaniline
Concen: 51.231 ng
RT: 13.466 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion: 65 Resp: 352640

Ion	Ratio	Lower	Upper
65	100		
92	70.4	57.6	86.4
138	114.7	91.0	136.6

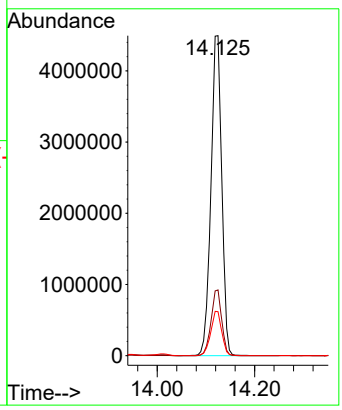




#49
Acenaphthylene
Concen: 176.403 ng
RT: 14.125 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:152 Resp: 689560

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.0	24.0
153	13.7	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
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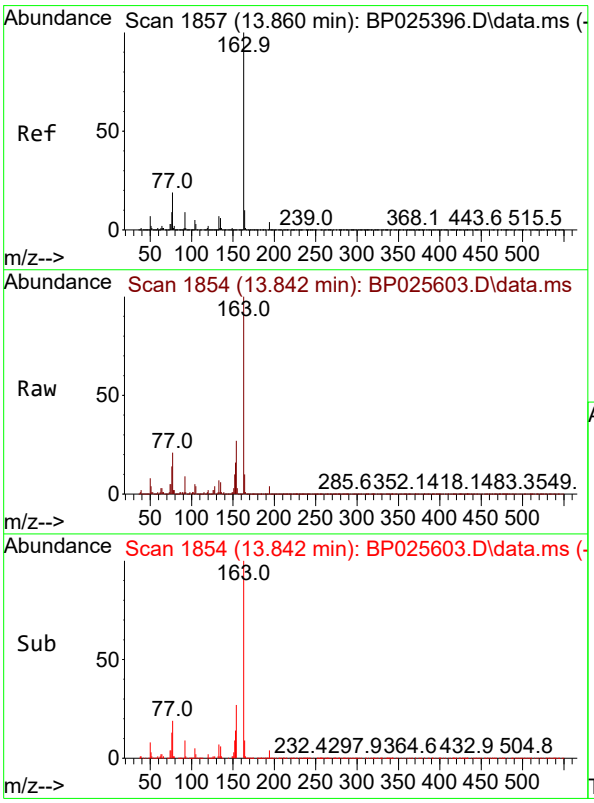
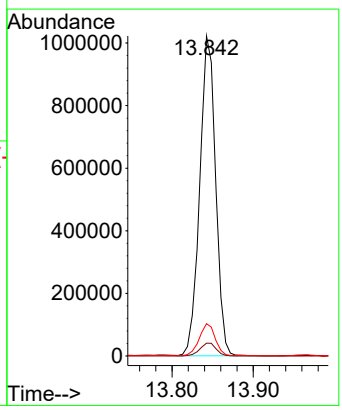
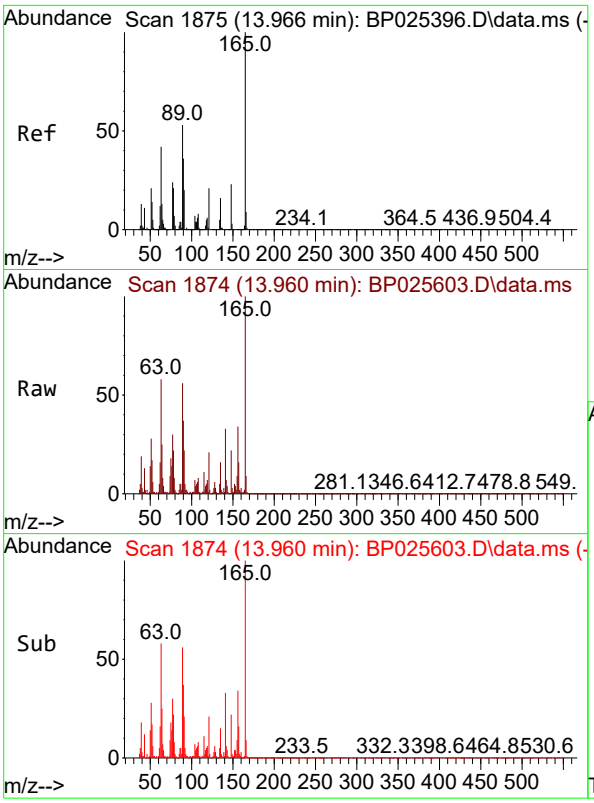


#50
Dimethylphthalate
Concen: 45.456 ng
RT: 13.842 min Scan# 1854
Delta R.T. -0.018 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:163 Resp: 1390812

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.1	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 48.710 ng
RT: 13.960 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:165 Resp: 31413

Ion	Ratio	Lower	Upper
165	100		
63	58.1	40.9	61.3
89	56.4	42.1	63.1

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

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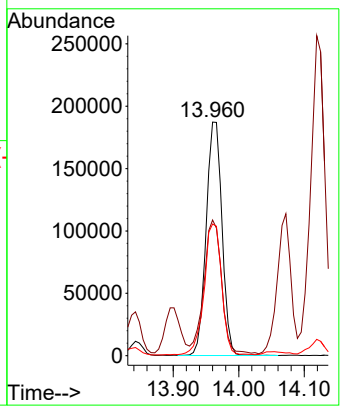
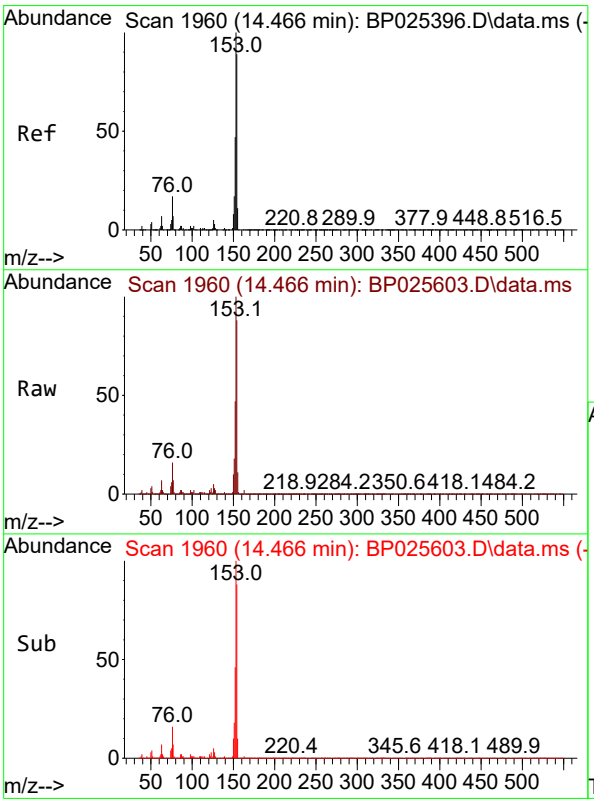
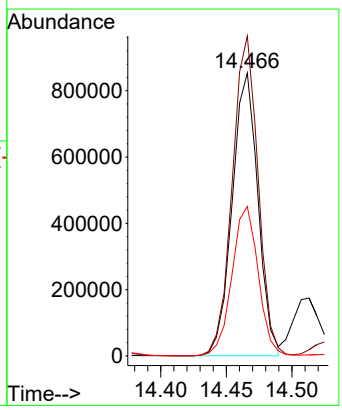


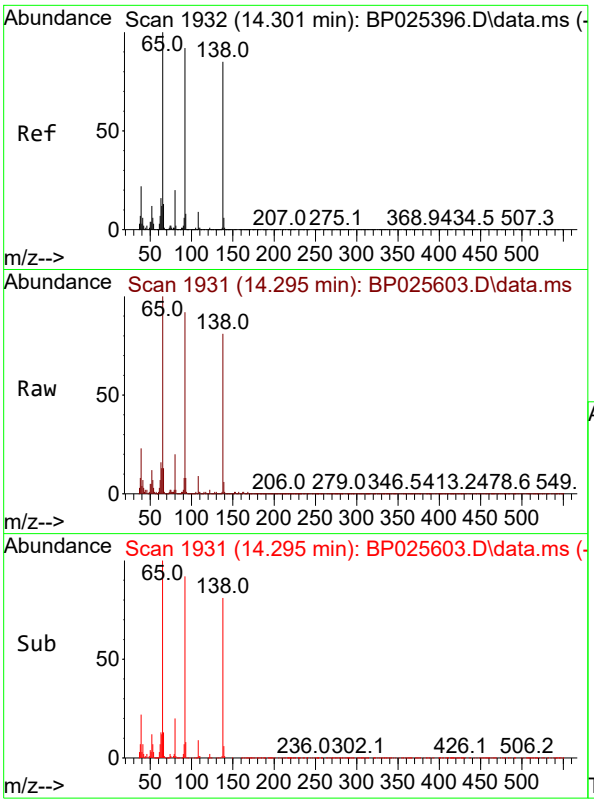


#52
Acenaphthene
Concen: 50.872 ng
RT: 14.466 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:154 Resp: 1167251

Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.2	135.2
152	52.8	42.1	63.1





#53
3-Nitroaniline
Concen: 30.782 ng
RT: 14.295 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

Tgt Ion:138 Resp: 22334

Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.3	12.5
92	113.8	86.2	129.2

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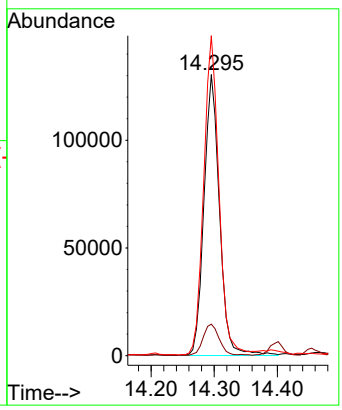
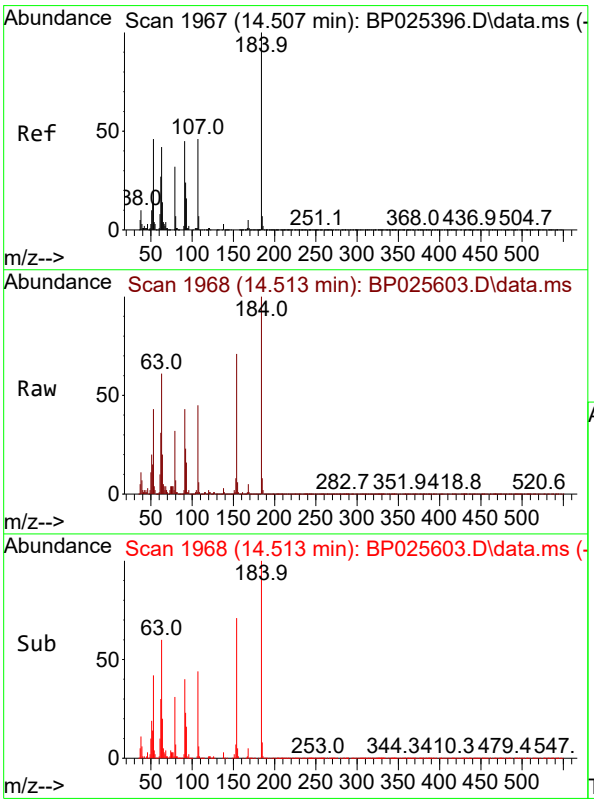
Supervised By :Jagrut Upadhyay 08/28/2025

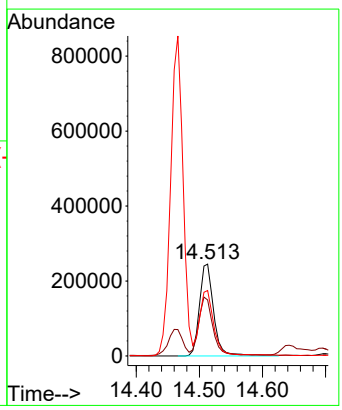


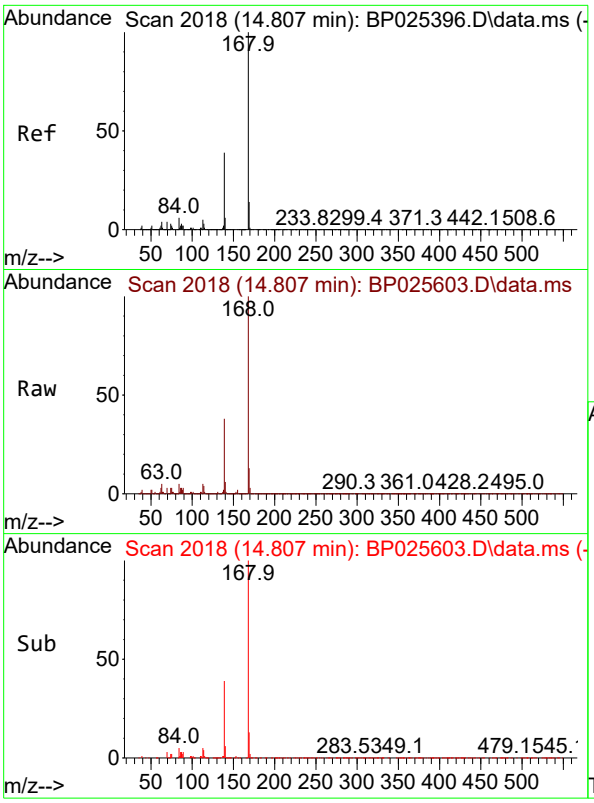


#54
2,4-Dinitrophenol
Concen: 111.288 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:184 Resp: 383271

Ion	Ratio	Lower	Upper
184	100		
63	61.0	49.4	74.2
154	71.3	54.6	82.0





#55
Dibenzofuran
Concen: 48.631 ng
RT: 14.807 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

Tgt Ion:168 Resp: 176417

Ion	Ratio	Lower	Upper
168	100		
139	38.3	31.5	47.3
169	12.9	10.9	16.3

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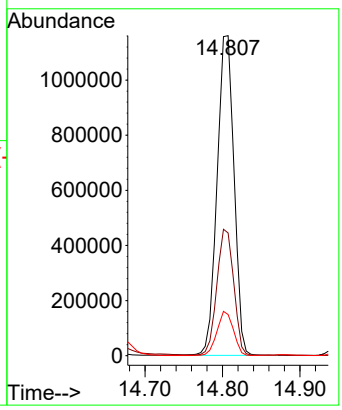
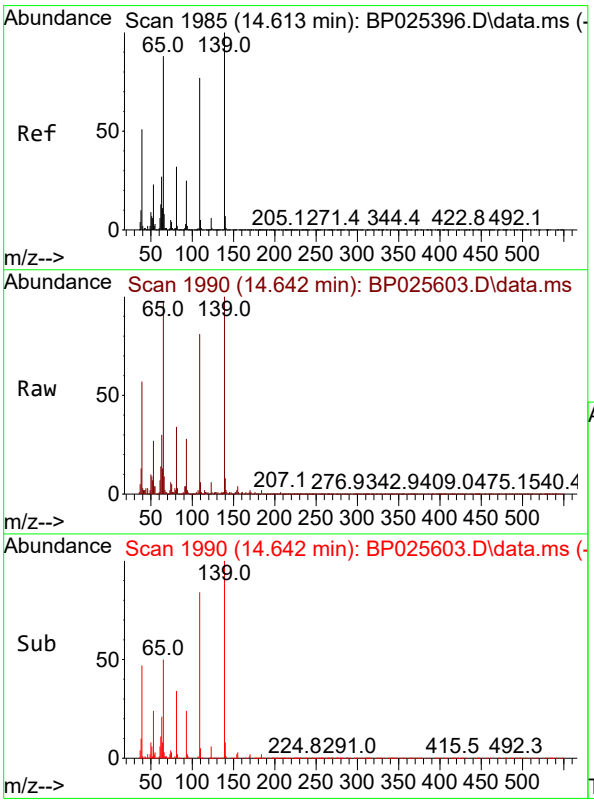
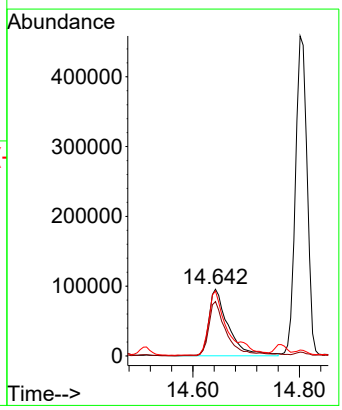


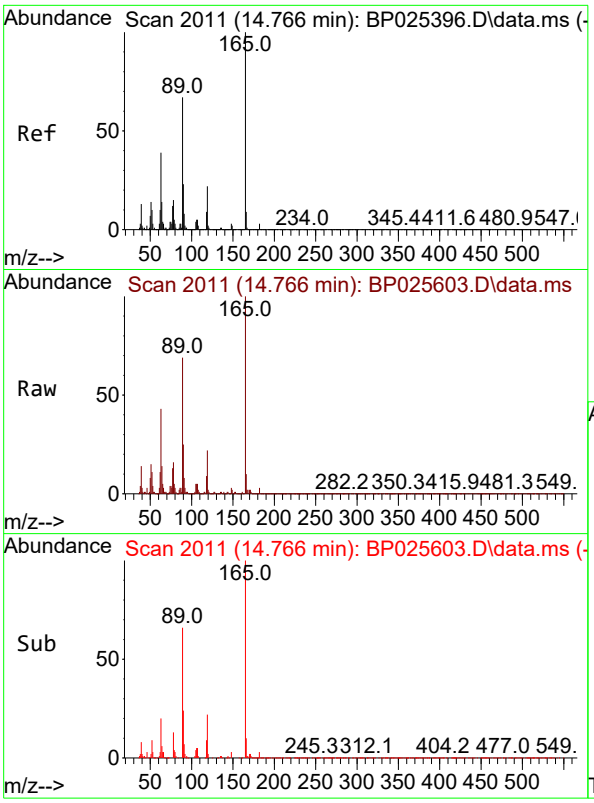


#56
4-Nitrophenol
Concen: 40.537 ng
RT: 14.642 min Scan# 1990
Delta R.T. 0.029 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:139 Resp: 241694

Ion	Ratio	Lower	Upper
139	100		
109	81.5	56.6	96.6
65	97.4	68.2	108.2

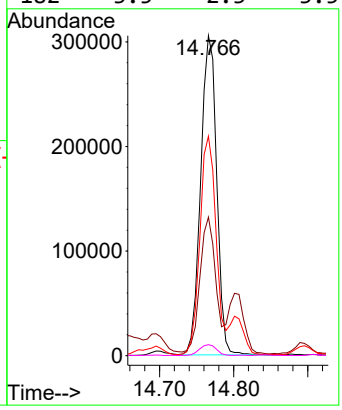




#57
2,4-Dinitrotoluene
Concen: 49.866 ng
RT: 14.766 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:165 Resp: 45881

Ion	Ratio	Lower	Upper
165	100		
63	43.3	31.4	47.2
89	68.6	53.3	79.9
182	3.5	2.3	3.5



Instrument :
BNA_P
ClientSampleId :
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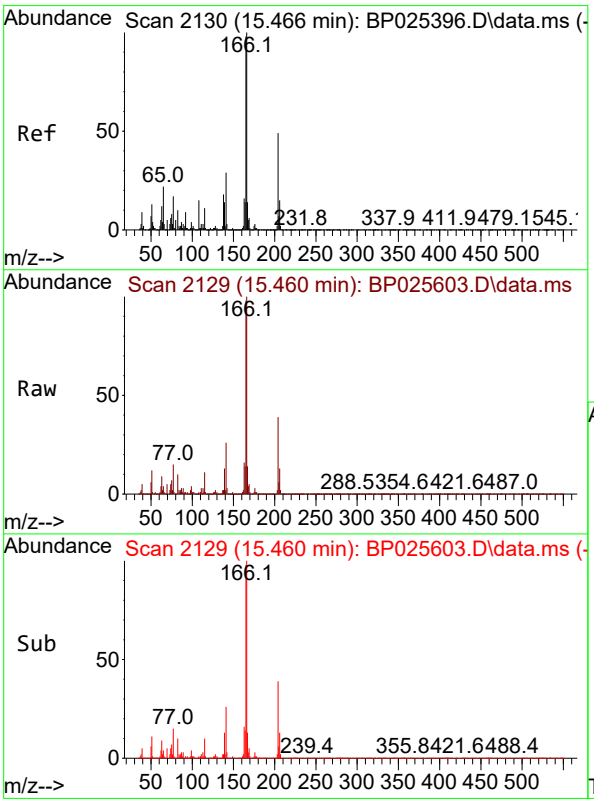
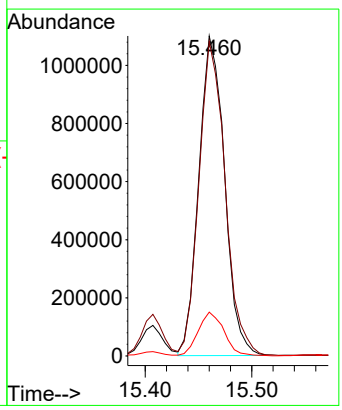
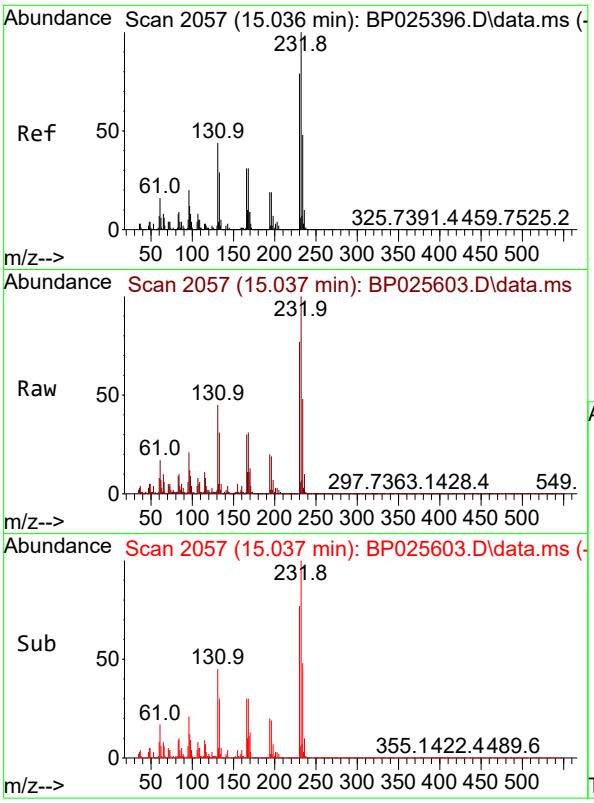


#58
Fluorene
Concen: 64.638 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:166 Resp: 1850230

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.8	118.2
167	13.7	11.0	16.4

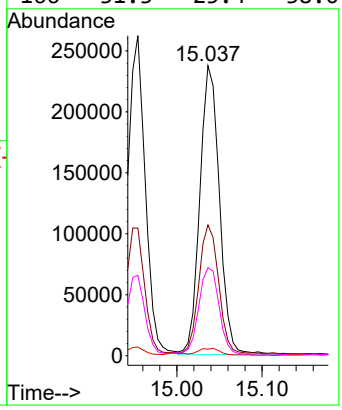




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.091 ng
RT: 15.037 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:232 Resp: 37914

Ion	Ratio	Lower	Upper
232	100		
131	44.9	37.0	55.6
130	2.7	1.9	2.9
166	31.3	25.4	38.0



Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

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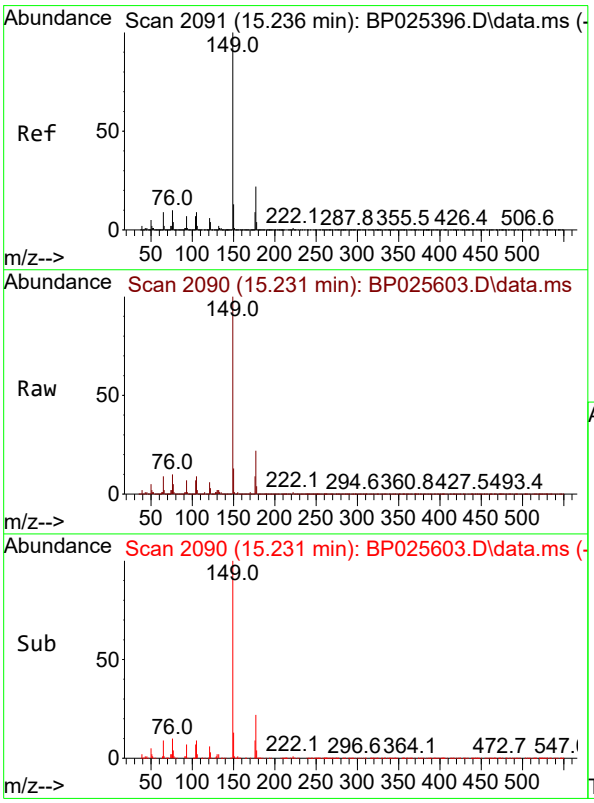
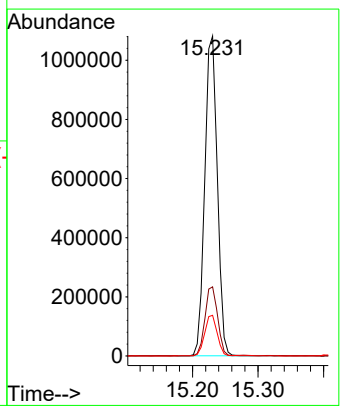
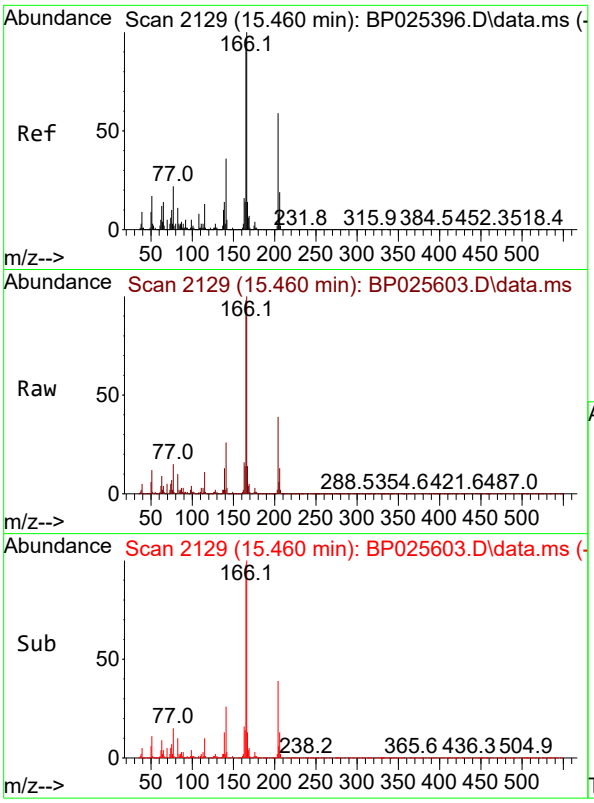


#60
Diethylphthalate
Concen: 46.416 ng
RT: 15.231 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:149 Resp: 1443076

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.3	25.9
150	12.7	10.3	15.5

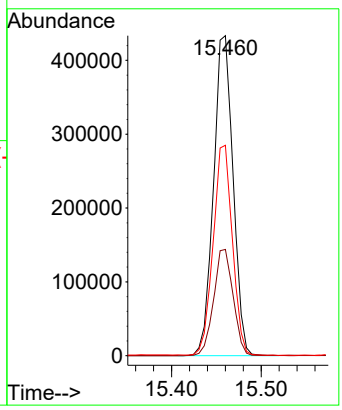




#61
4-Chlorophenyl-phenylether
Concen: 46.058 ng
RT: 15.460 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:204 Resp: 65568

Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.8	38.8
141	65.7	49.4	74.2



Instrument :
BNA_P
ClientSampleId :
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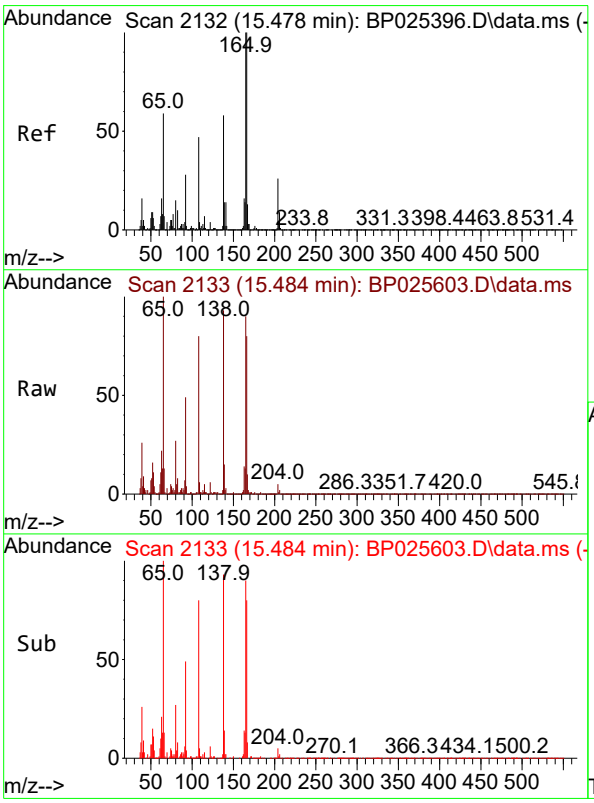
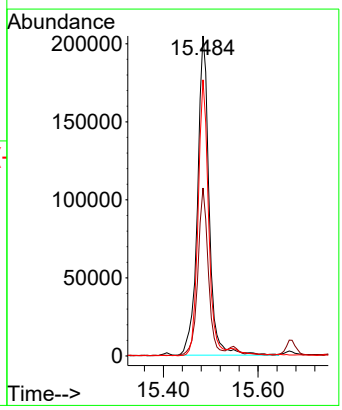
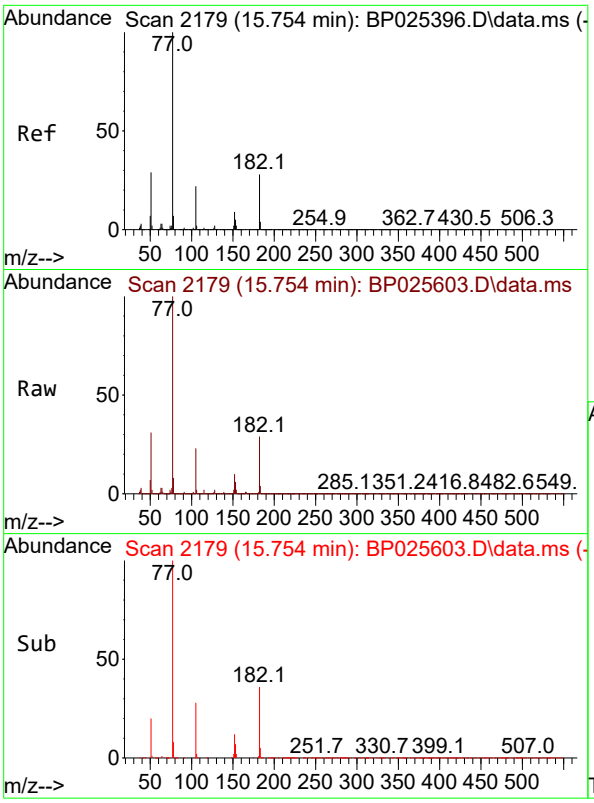


#62
4-Nitroaniline
Concen: 46.936 ng
RT: 15.484 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:138 Resp: 349130

Ion	Ratio	Lower	Upper
138	100		
92	52.5	29.1	69.1
108	86.3	61.5	101.5





#63
Azobenzene
Concen: 49.274 ng
RT: 15.754 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

Tgt Ion: 77 Resp: 131174

Ion	Ratio	Lower	Upper
77	100		
182	29.0	7.5	47.5
105	22.7	2.1	42.1
51	31.2	9.6	49.6

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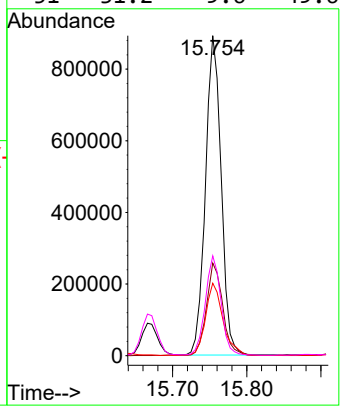
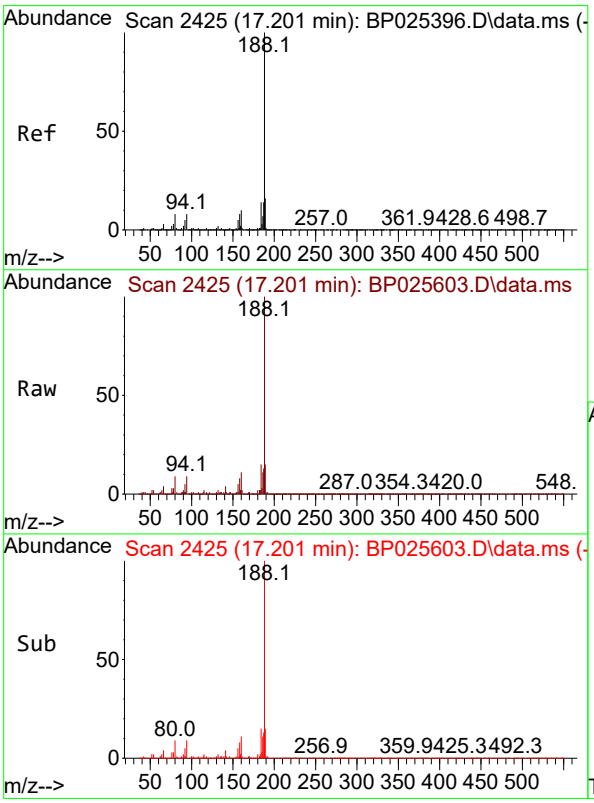
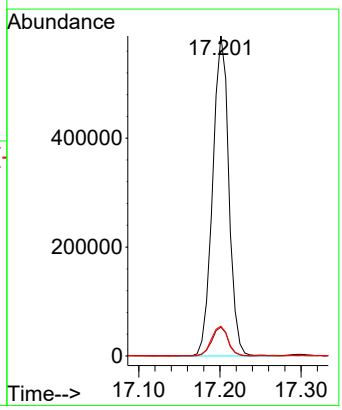


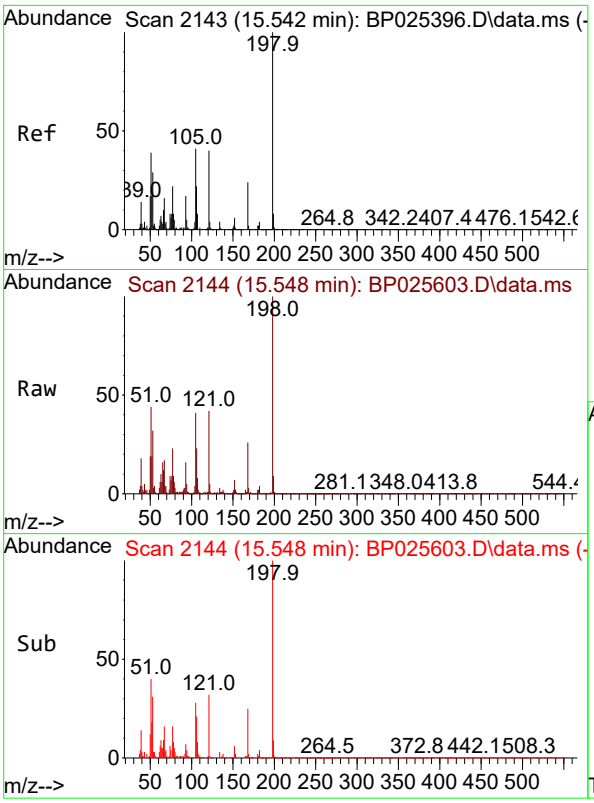


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:188 Resp: 814298

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.6	10.0
80	9.3	6.7	10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 52.915 ng
RT: 15.548 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:198 Resp: 26859

Ion	Ratio	Lower	Upper
198	100		
51	44.0	19.6	59.6
105	41.4	20.9	60.9

Instrument :
BNA_P
ClientSampleId :
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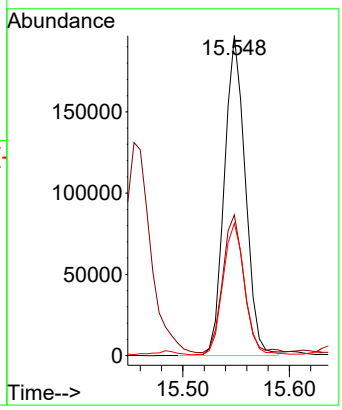
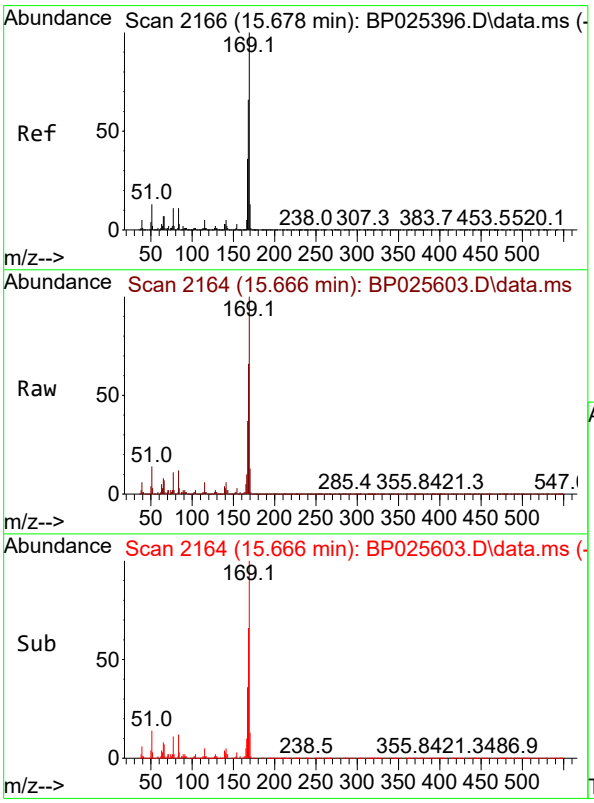
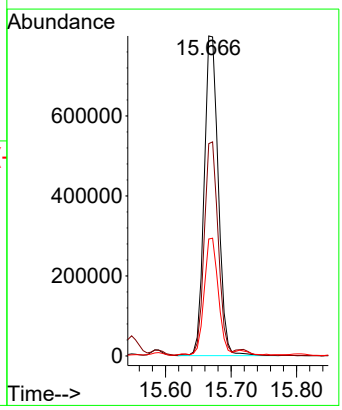


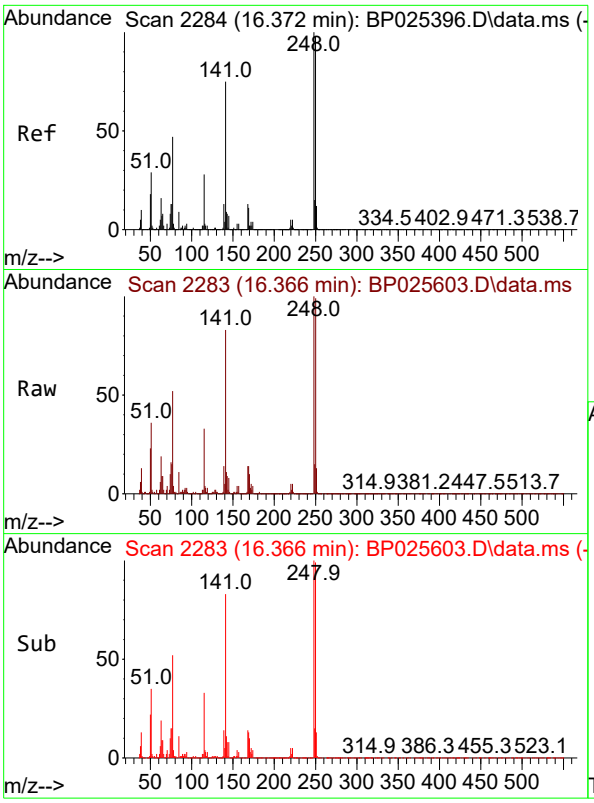


#66
n-Nitrosodiphenylamine
Concen: 48.017 ng
RT: 15.666 min Scan# 2164
Delta R.T. -0.012 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:169 Resp: 1192328

Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.2	79.8
167	36.5	28.7	43.1





#67
4-Bromophenyl-phenylether
Concen: 49.383 ng
RT: 16.366 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:248 Resp: 44226

Ion	Ratio	Lower	Upper
248	100		
250	98.7	78.2	117.2
141	83.3	59.6	89.4

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

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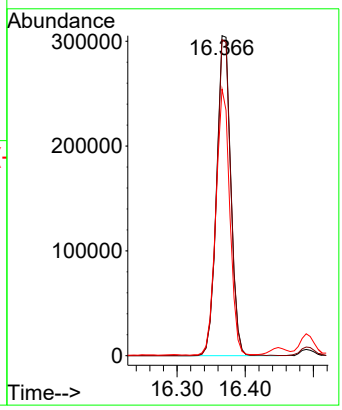
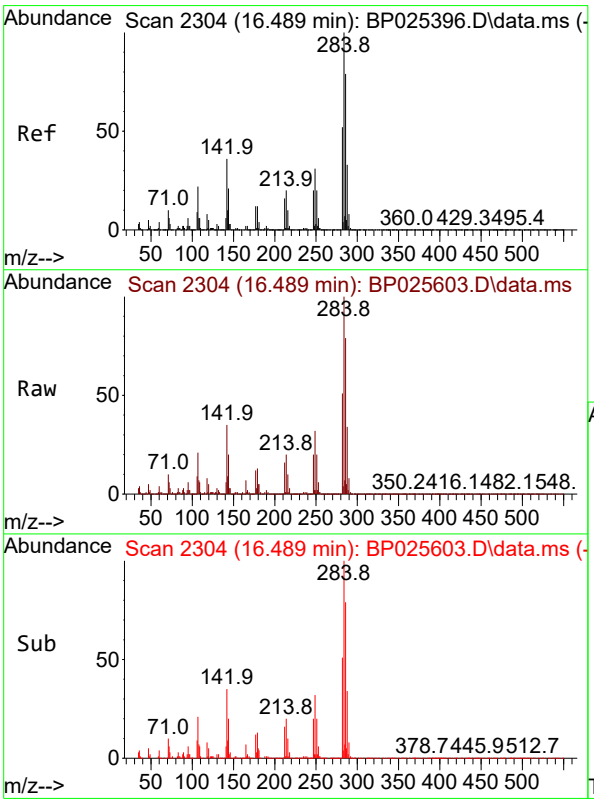
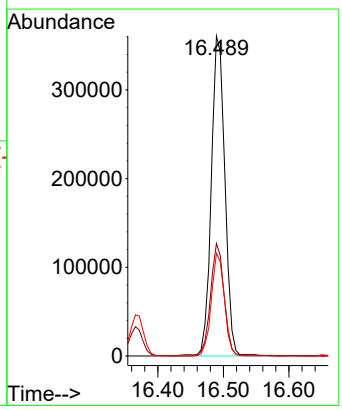


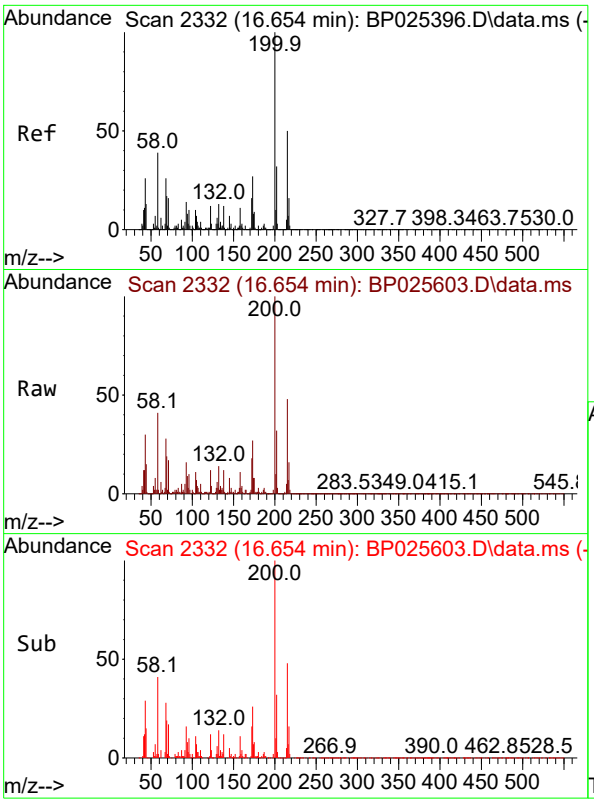


#68
Hexachlorobenzene
Concen: 49.728 ng
RT: 16.489 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:284 Resp: 516257

Ion	Ratio	Lower	Upper
284	100		
142	35.1	29.1	43.7
249	32.1	25.0	37.4

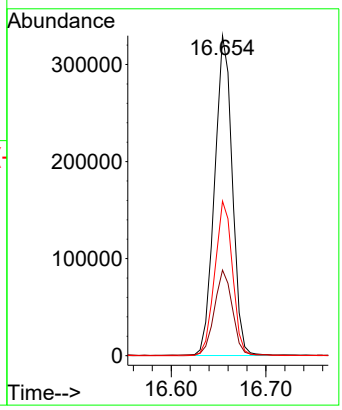




#69
Atrazine
Concen: 46.099 ng
RT: 16.654 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:200 Resp: 42869

Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.7	46.7
215	48.3	29.7	69.7



Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

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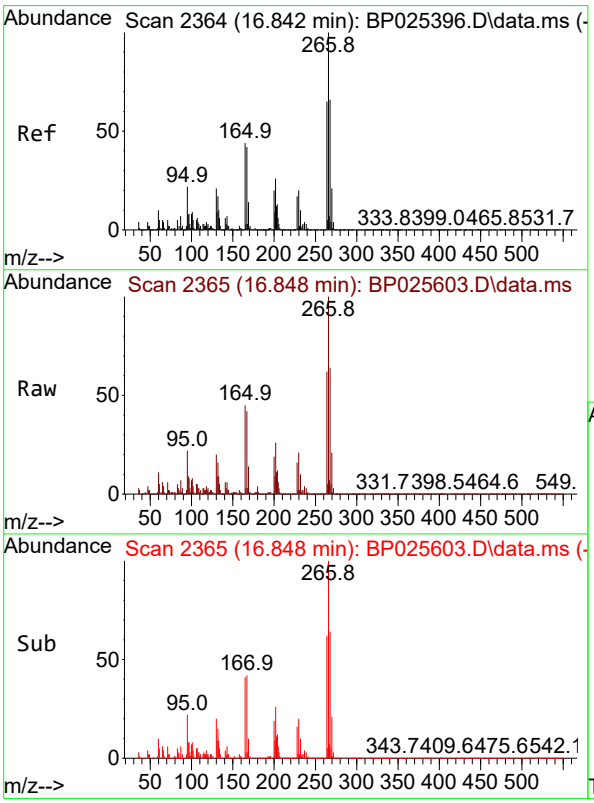
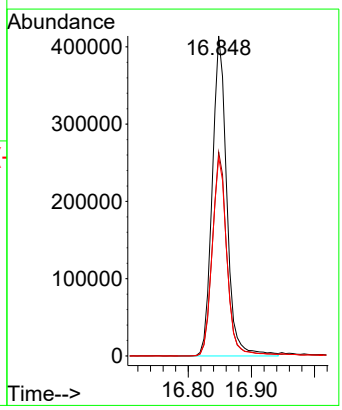
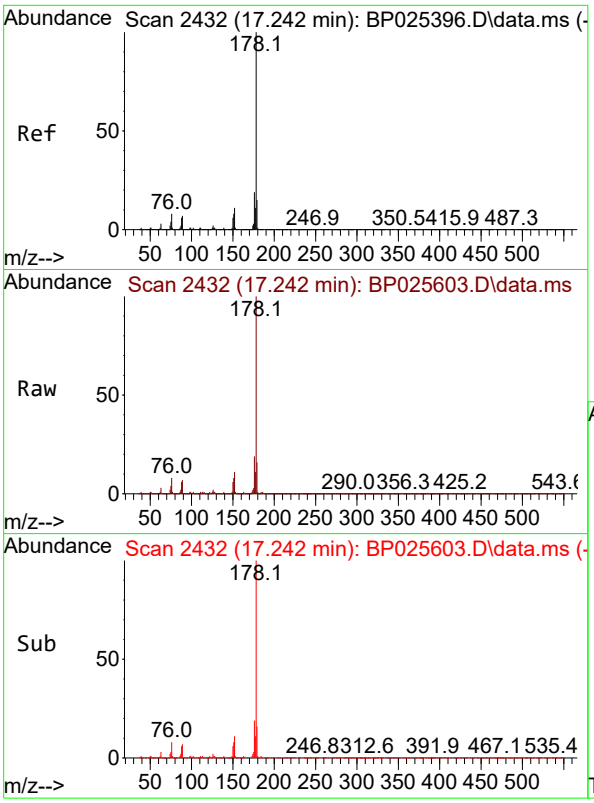


#70
Pentachlorophenol
Concen: 100.616 ng
RT: 16.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:266 Resp: 659376

Ion	Ratio	Lower	Upper
266	100		
268	63.7	52.6	79.0
264	62.1	52.0	78.0





#71
Phenanthrene
Concen: 63.828 ng
RT: 17.242 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:178 Resp: 285515

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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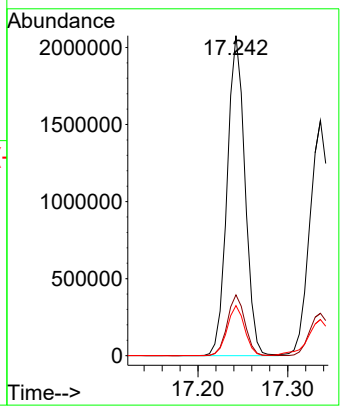
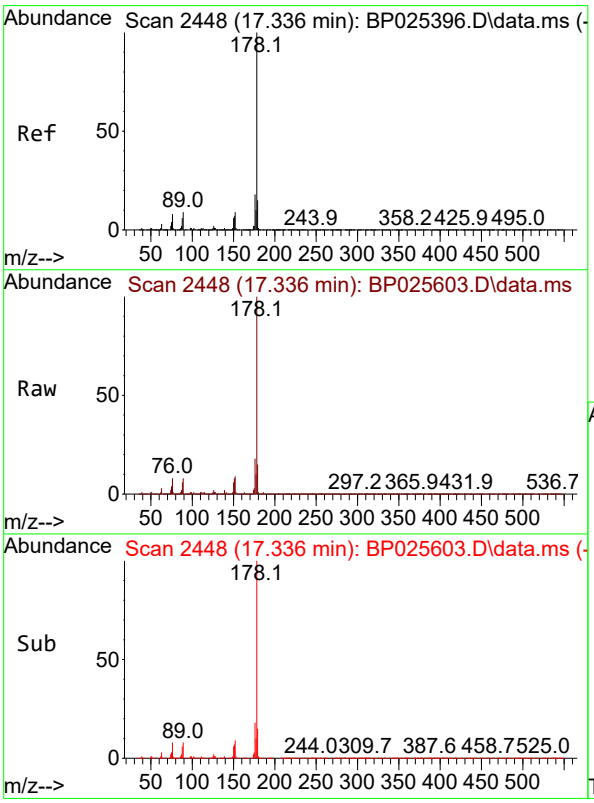
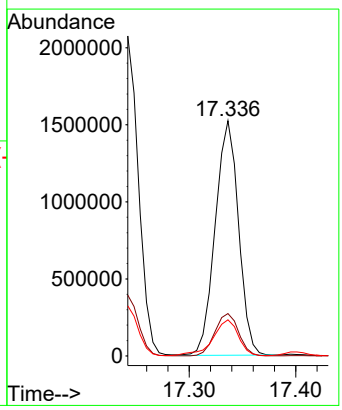


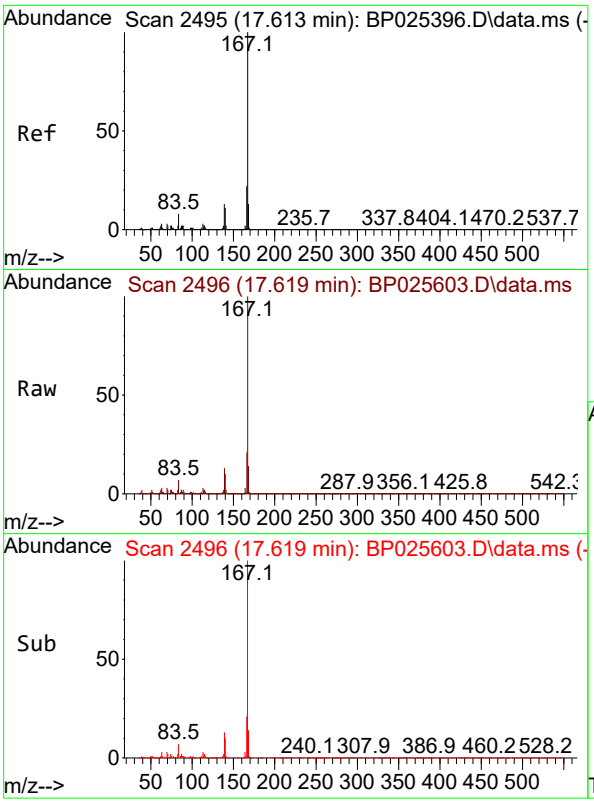


#72
Anthracene
Concen: 50.545 ng
RT: 17.336 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:178 Resp: 2308905

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.7	22.1
179	15.4	12.2	18.2





#73
Carbazole
Concen: 60.300 ng
RT: 17.619 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

Tgt Ion:167 Resp: 259454

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.5	26.3
139	13.4	10.6	16.0

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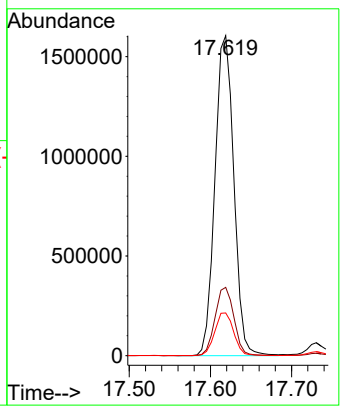
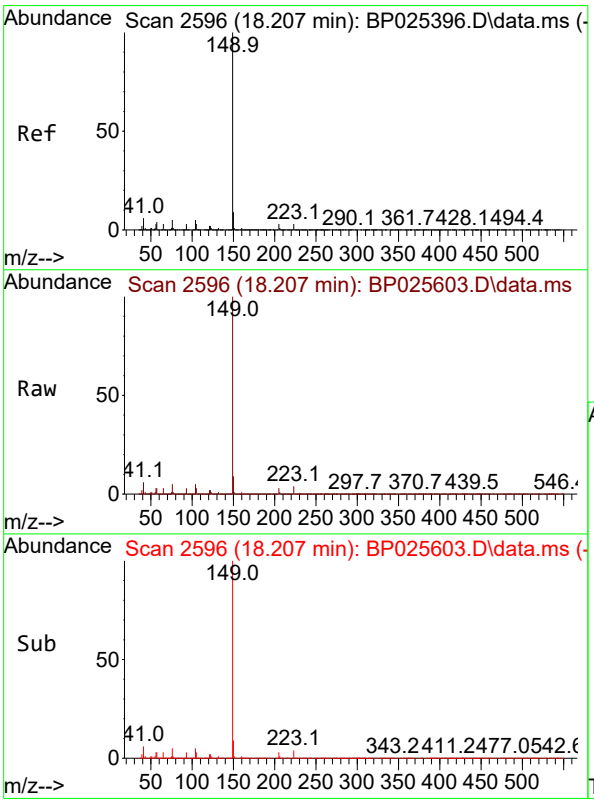
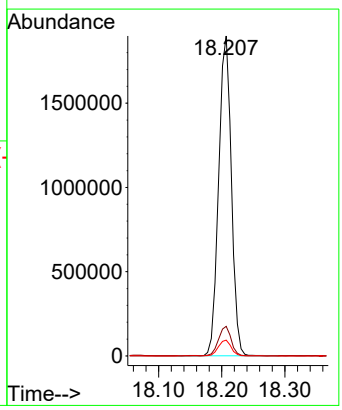


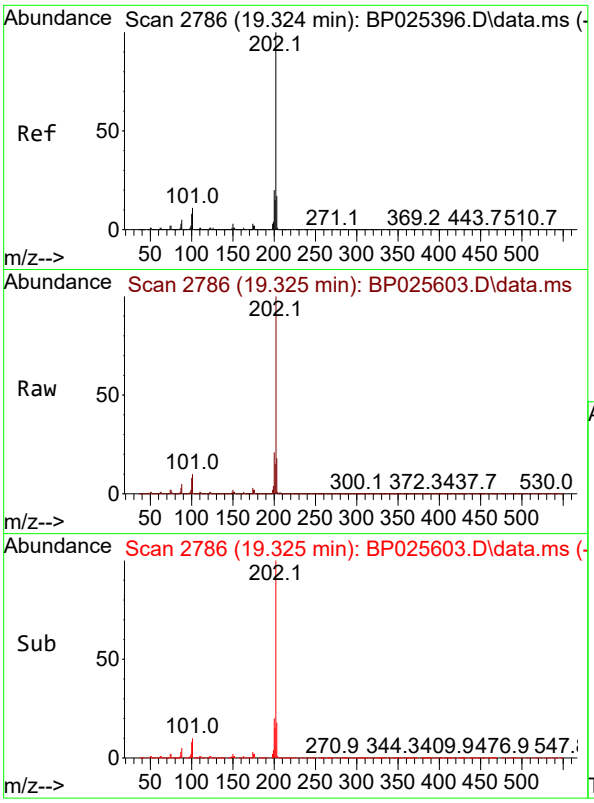


#74
Di-n-butylphthalate
Concen: 49.938 ng
RT: 18.207 min Scan# 2596
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:149 Resp: 2643612

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.0	4.2	6.2

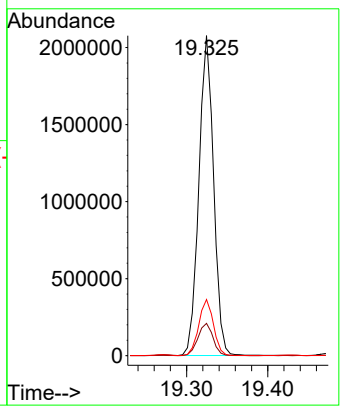




#75
Fluoranthene
Concen: 49.056 ng
RT: 19.325 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:202 Resp: 261750

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.1
203	17.6	0.0	37.3



Instrument :
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ClientSampleId :
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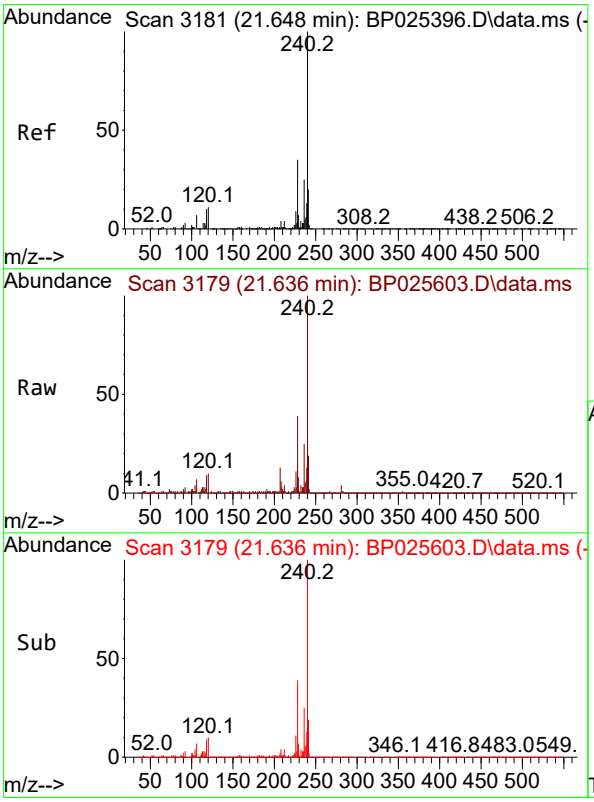
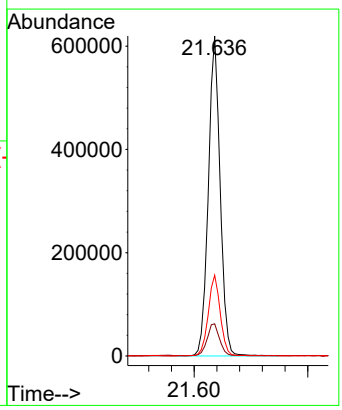
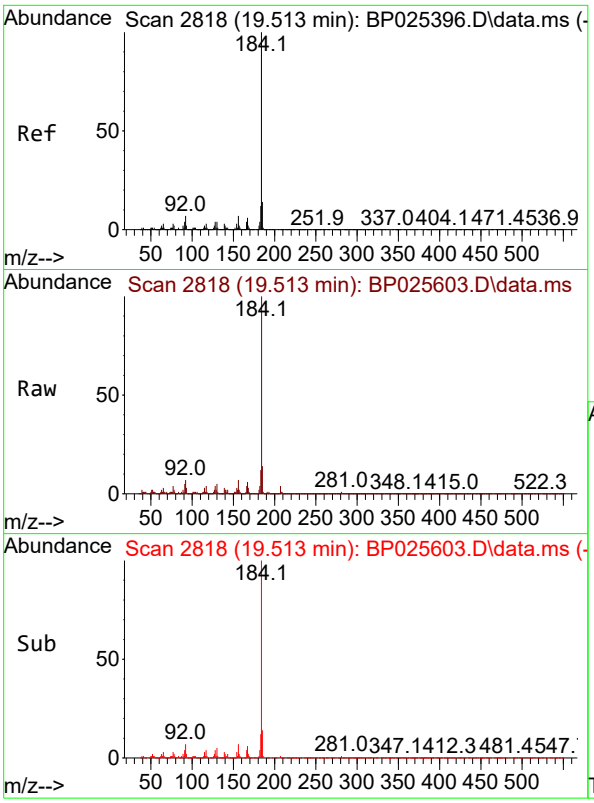


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.012 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:240 Resp: 887974

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.9	13.3
236	25.3	19.8	29.8





#77
Benzidine
Concen: 25.933 ng
RT: 19.513 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:184 Resp: 78589

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.5	17.3
183	11.7	9.4	14.2

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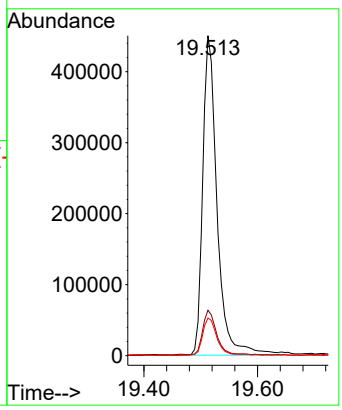
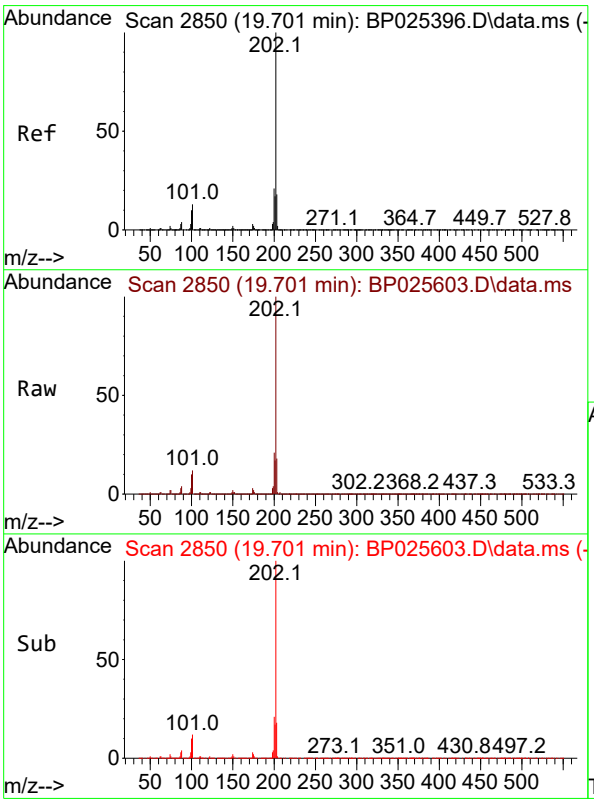
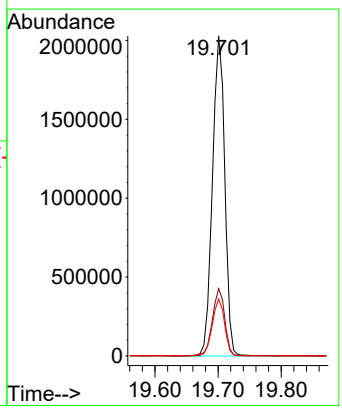


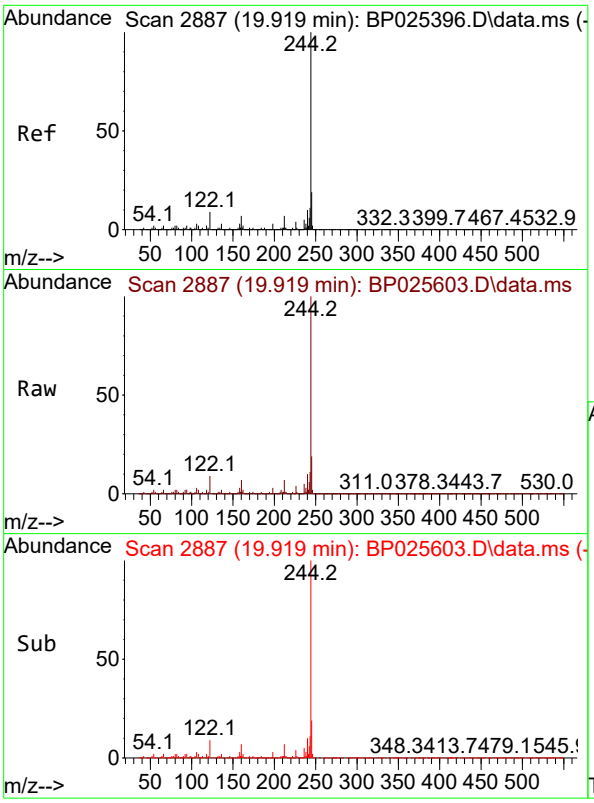


#78
Pyrene
Concen: 47.550 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:202 Resp: 2744373

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.8	14.2	21.2

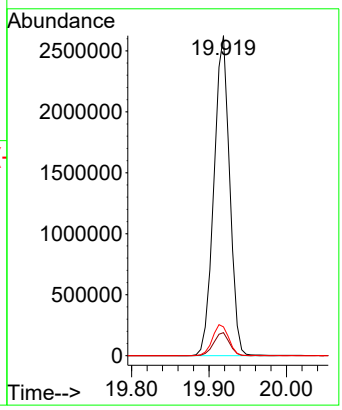




#79
Terphenyl-d14
Concen: 76.174 ng
RT: 19.919 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:244 Resp: 369706

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	9.0	7.4	11.2



Instrument :
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ClientSampleId :
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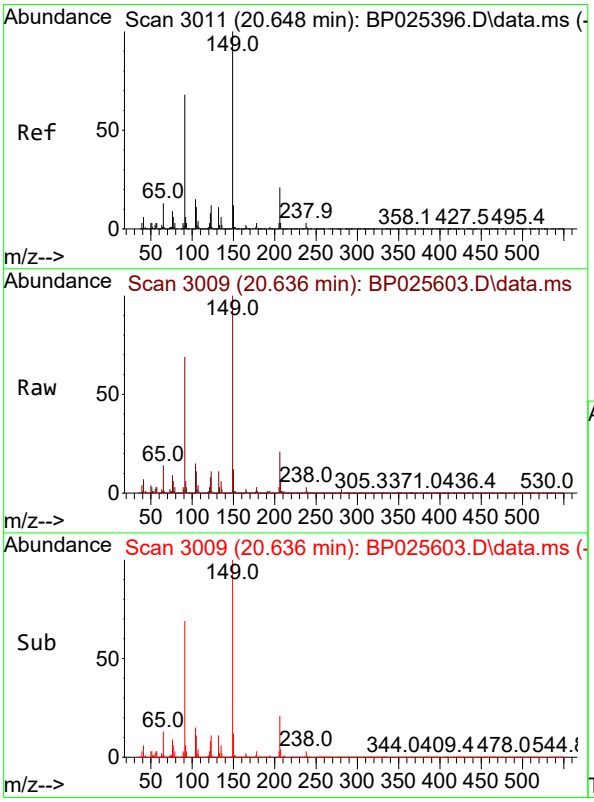
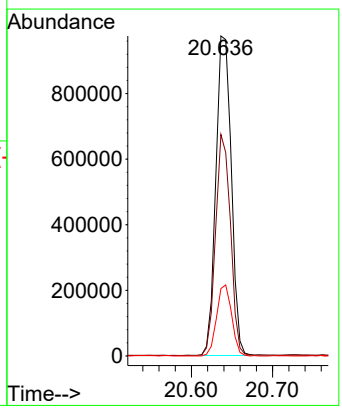
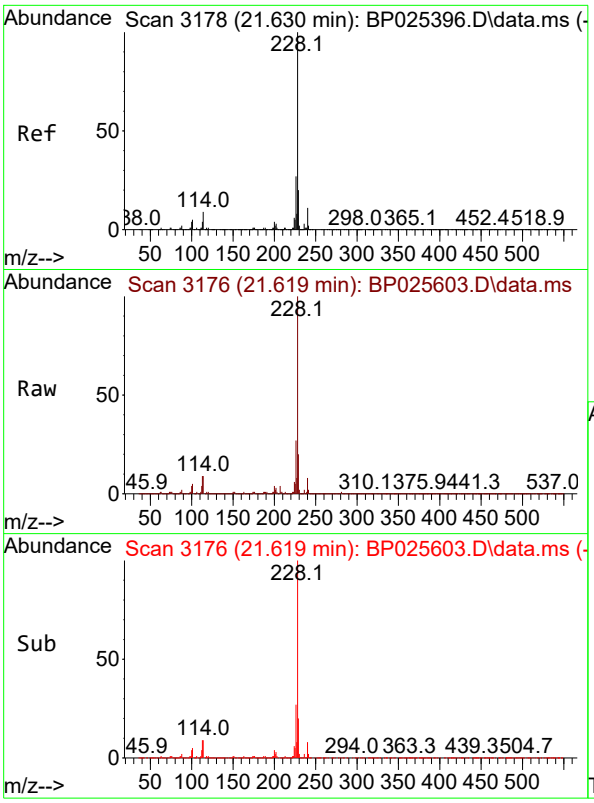


#80
Butylbenzylphthalate
Concen: 49.379 ng
RT: 20.636 min Scan# 3009
Delta R.T. -0.012 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:149 Resp: 1291637

Ion	Ratio	Lower	Upper
149	100		
91	69.2	54.2	81.2
206	21.1	16.6	24.8

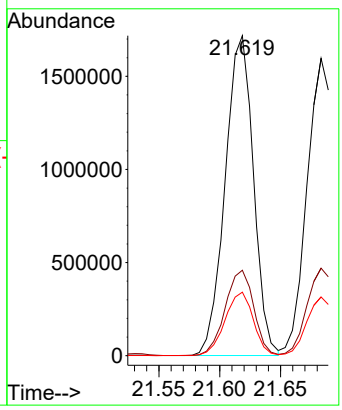




#81
Benzo(a)anthracene
Concen: 47.447 ng
RT: 21.619 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:228 Resp: 277857

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.7	32.5
229	19.9	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
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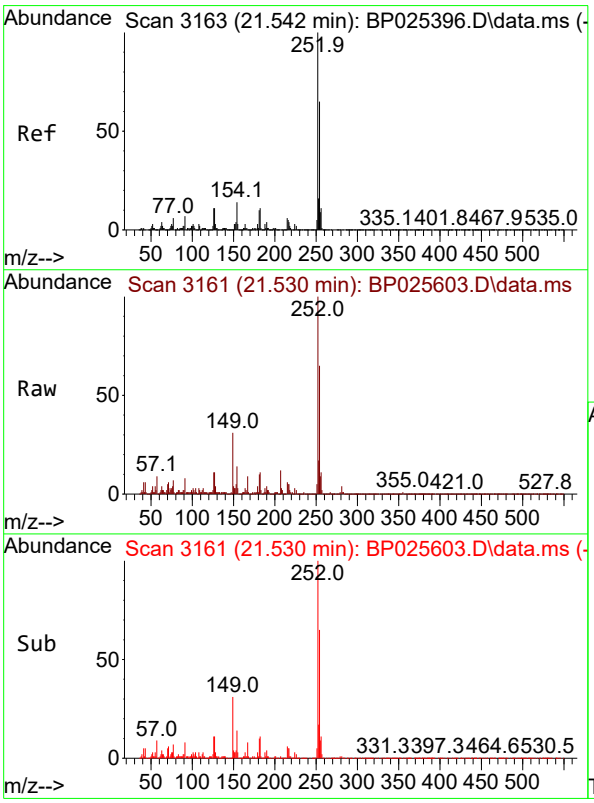
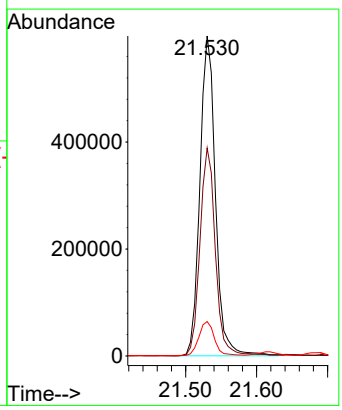
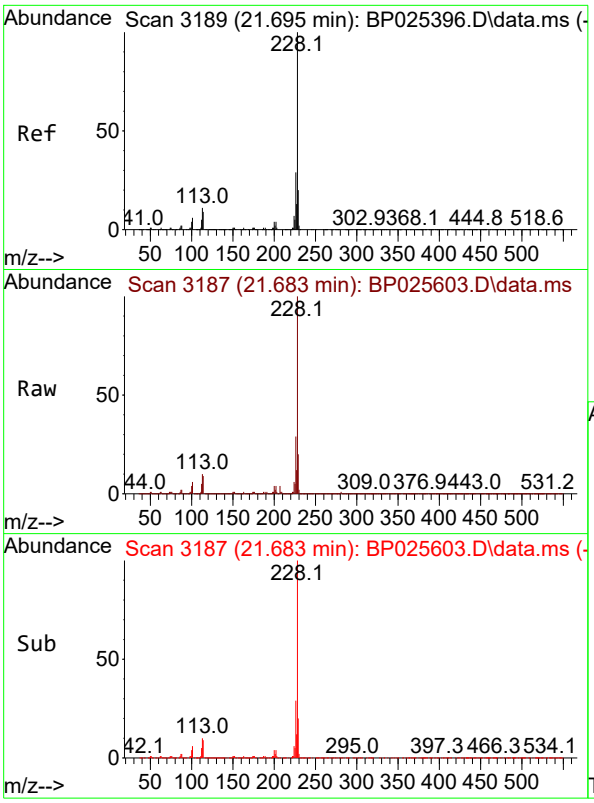


#82
3,3'-Dichlorobenzidine
Concen: 41.249 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.012 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:252 Resp: 910515

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.8	77.6
126	10.8	9.1	13.7

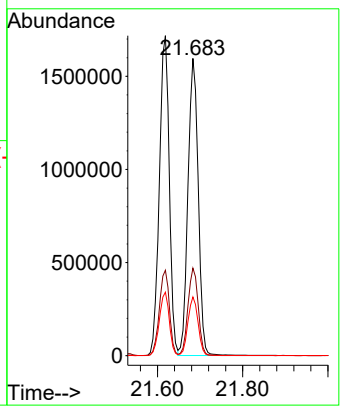




#83
Chrysene
Concen: 48.651 ng
RT: 21.683 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:228 Resp: 266818

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.2	34.8
229	19.8	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
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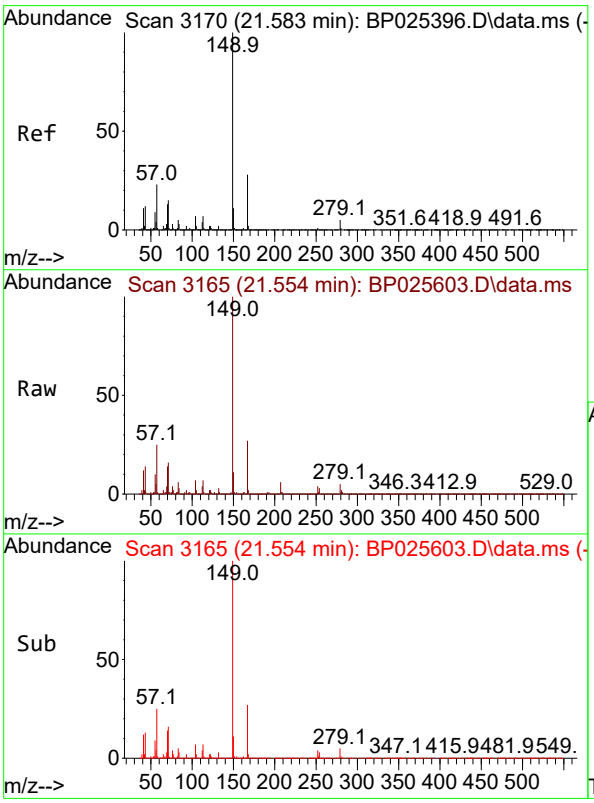
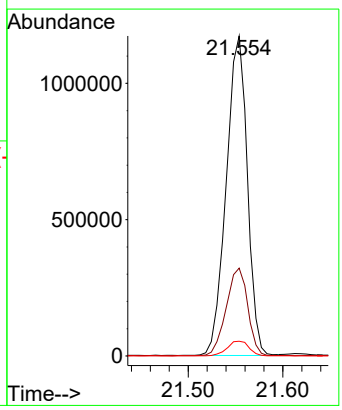
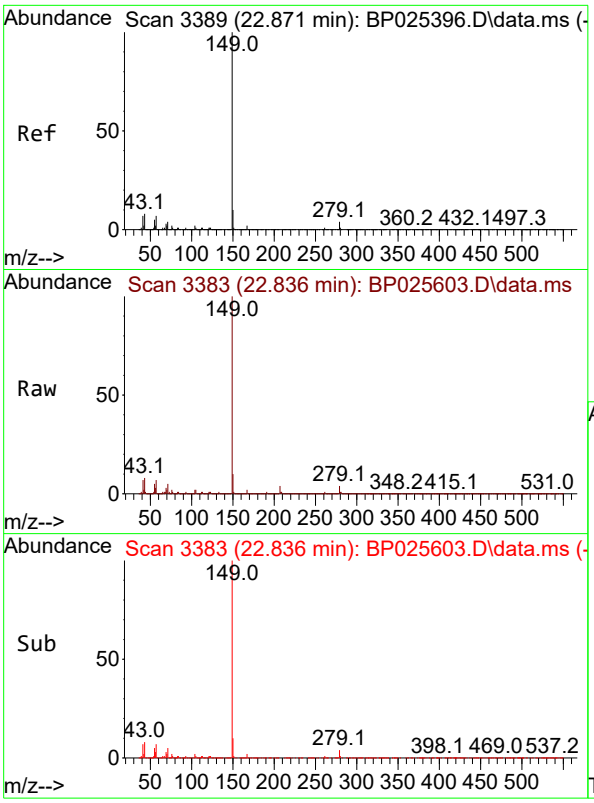


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.223 ng
RT: 21.554 min Scan# 3165
Delta R.T. -0.029 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:149 Resp: 1818319

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.1	33.1
279	4.6	3.8	5.6

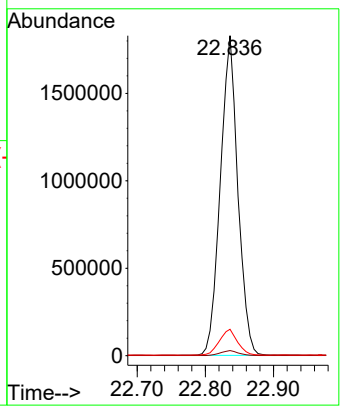




#85
Di-n-octyl phthalate
Concen: 49.360 ng
RT: 22.836 min Scan# 3
Delta R.T. -0.035 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:149 Resp: 326910

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.2	6.3	9.5



Instrument :
BNA_P
ClientSampleId :
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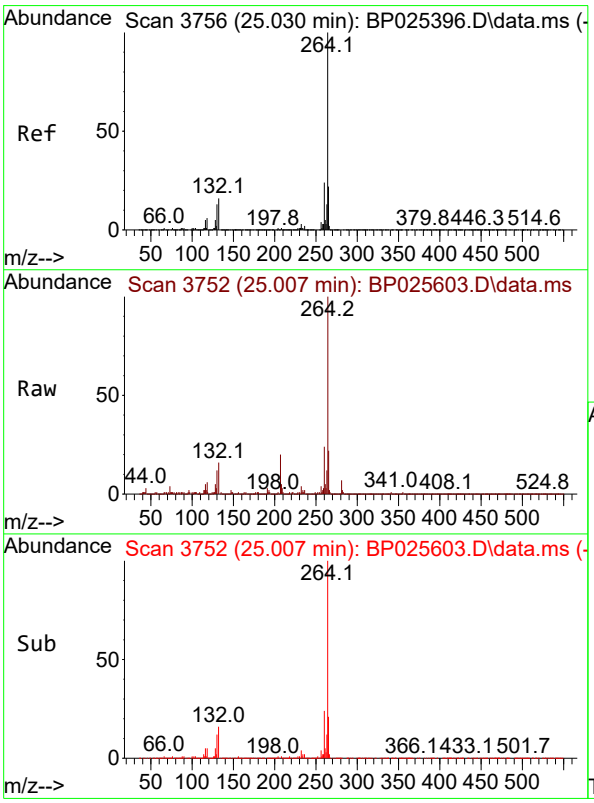
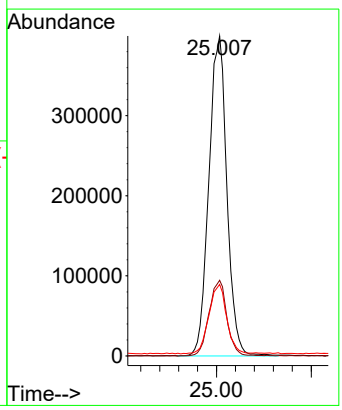
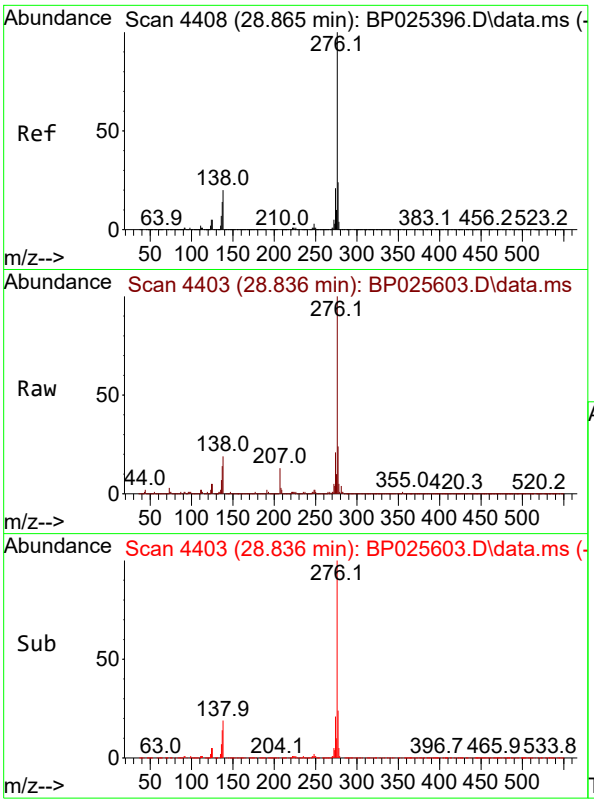


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.007 min Scan# 3752
Delta R.T. -0.023 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:264 Resp: 1057493

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.3	28.9
265	22.3	17.4	26.0

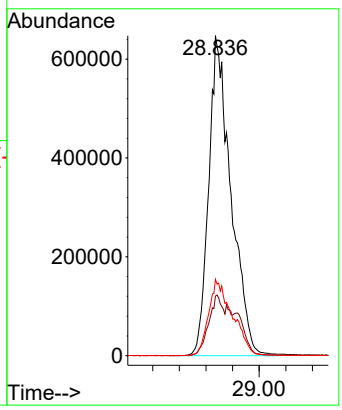




#87
Indeno(1,2,3-cd)pyrene
Concen: 48.377 ng
RT: 28.836 min Scan# 4
Delta R.T. -0.029 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:276 Resp: 375177

Ion	Ratio	Lower	Upper
276	100		
138	12.4	12.9	19.3#
277	25.4	17.0	25.6



Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

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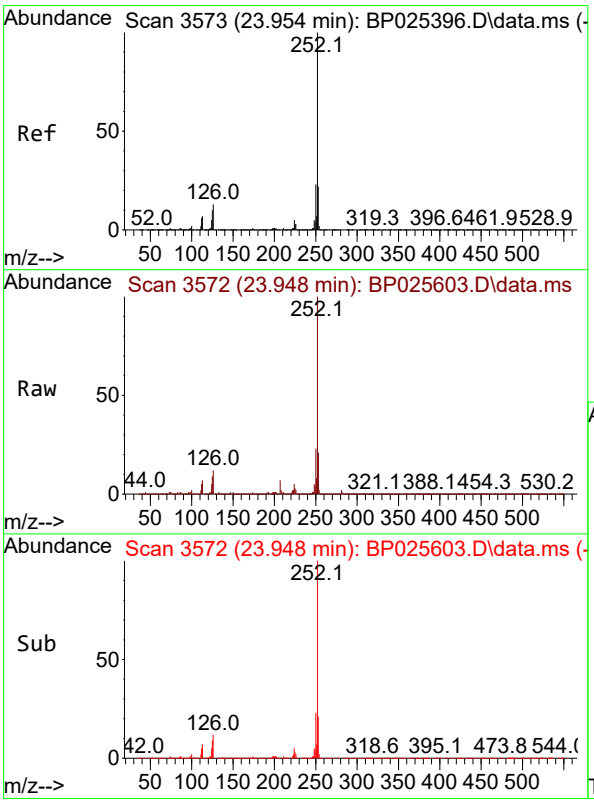
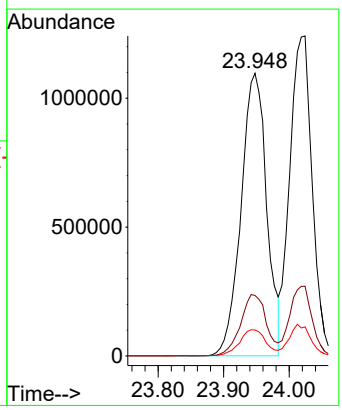
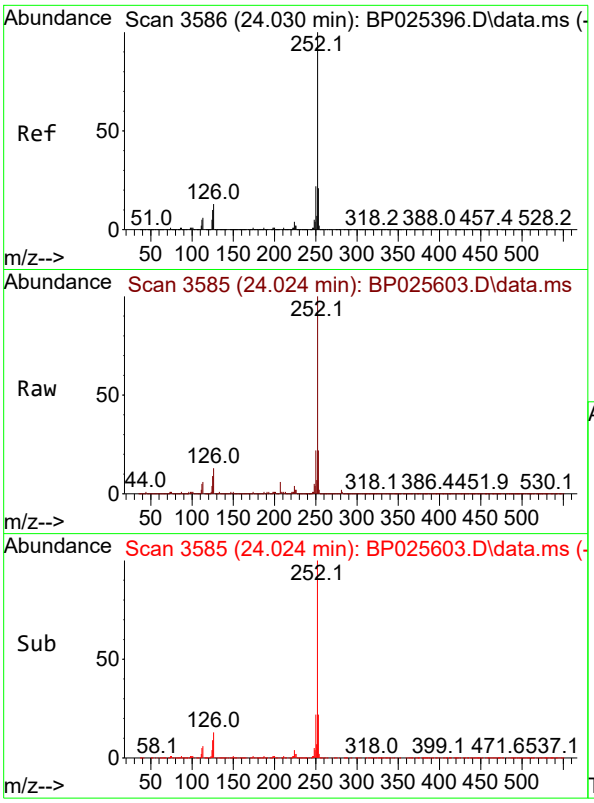


#88
Benzo(b)fluoranthene
Concen: 47.895 ng
RT: 23.948 min Scan# 3572
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:252 Resp: 2986627

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	9.2	7.9	11.9

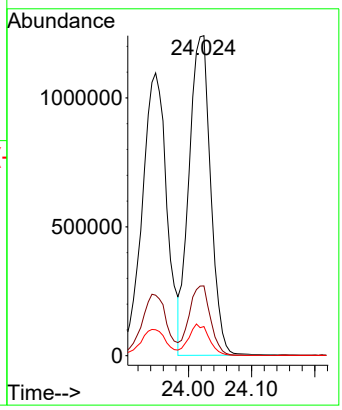




#89
Benzo(k)fluoranthene
Concen: 47.163 ng
RT: 24.024 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:252 Resp: 294293

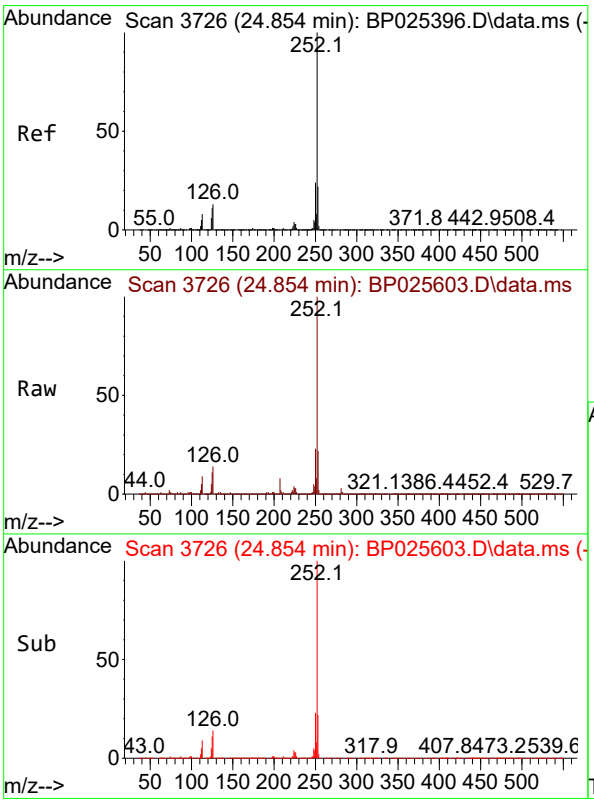
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	9.1	7.8	11.6



Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

Manual Integrations
APPROVED

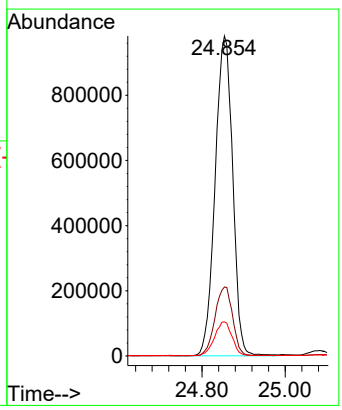
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

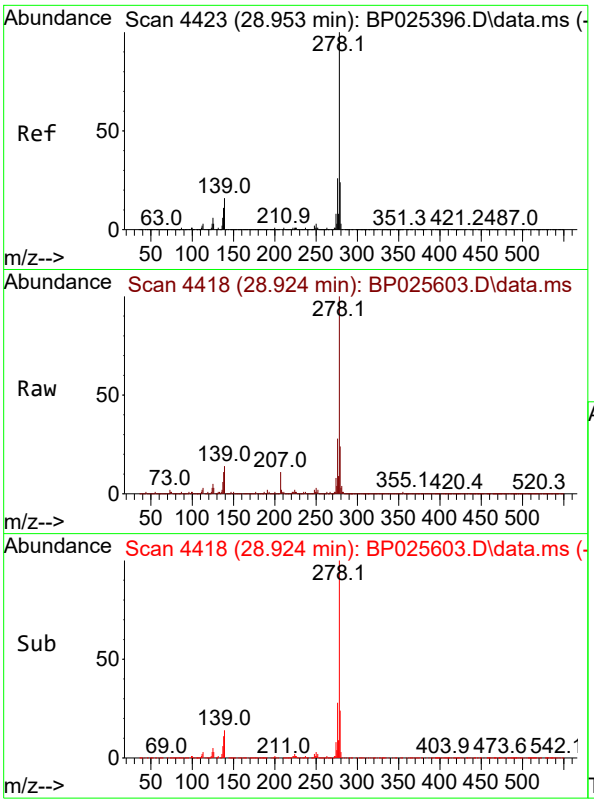


#90
Benzo(a)pyrene
Concen: 47.293 ng
RT: 24.854 min Scan# 3726
Delta R.T. 0.000 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:252 Resp: 2870696

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	10.7	8.7	13.1

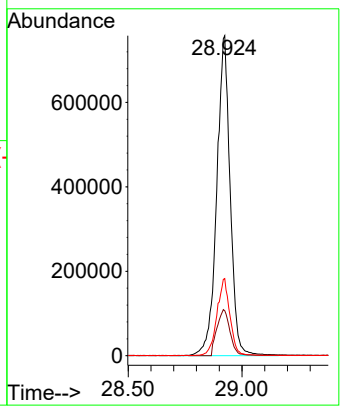




#91
Dibenzo(a,h)anthracene
Concen: 49.066 ng
RT: 28.924 min Scan# 44
Delta R.T. -0.029 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:278 Resp: 310963

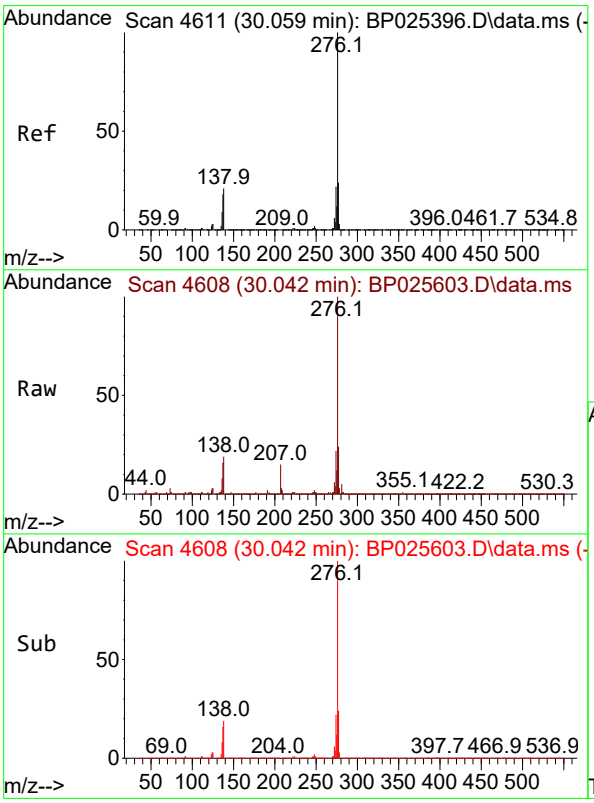
Ion	Ratio	Lower	Upper
278	100		
139	14.0	13.0	19.4
279	24.1	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

Manual Integrations
APPROVED

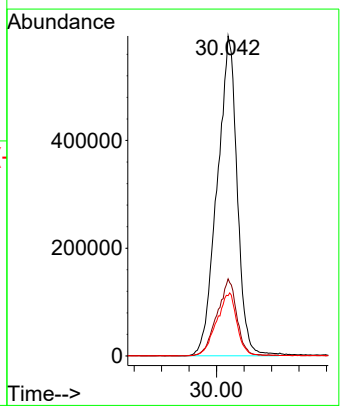
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



#92
Benzo(g,h,i)perylene
Concen: 48.088 ng
RT: 30.042 min Scan# 4608
Delta R.T. -0.018 min
Lab File: BP025603.D
Acq: 27 Aug 2025 15:00

Tgt Ion:276 Resp: 2995786

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.4	29.0
138	18.9	16.7	25.1



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Manual Integration Report

Sequence:	BF082025	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	BF082225	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	BF082625	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC020	BF143588.D	Benzoic acid	Rahul	8/27/2025 9:25:16 AM	Jagrut	8/27/2025 11:38:59 AM	Peak Integrated by Software
SSTDICCC040	BF143589.D	Phenol	Rahul	8/27/2025 9:25:18 AM	Jagrut	8/27/2025 11:39:02 AM	Peak Integrated by Software
SSTDICC050	BF143590.D	Phenol	Rahul	8/27/2025 9:25:20 AM	Jagrut	8/27/2025 11:39:05 AM	Peak Integrated by Software
SSTDICC060	BF143591.D	Phenol	Rahul	8/27/2025 9:25:23 AM	Jagrut	8/27/2025 11:39:06 AM	Peak Integrated by Software
SSTDICC080	BF143592.D	Phenol	Rahul	8/27/2025 9:25:26 AM	Jagrut	8/27/2025 11:39:09 AM	Peak Integrated by Software
SSTDICV040	BF143593.D	Phenol	Rahul	8/27/2025 9:25:29 AM	Jagrut	8/27/2025 11:39:18 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BF082725	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	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:	BP082225	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP025544.D	Indeno(1,2,3-cd)pyrene	rahul	8/25/2025 10:22:13 AM	Jagrut	8/25/2025 7:03:59 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

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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
Q2924-02	BP025601.D	Naphthalene	Rahul	8/28/2025 8:28:45 AM	Jagrut	8/28/2025 1:39:17 PM	Peak Integrated by Software
Q2924-02	BP025601.D	Naphthalene-d8	Rahul	8/28/2025 8:28:45 AM	Jagrut	8/28/2025 1:39:17 PM	Peak Integrated by Software
Q2924-03MS	BP025602.D	2,3,4,6-Tetrachlorophenol	Rahul	8/28/2025 8:28:48 AM	Jagrut	8/28/2025 1:39:19 PM	Peak Integrated by Software
Q2924-03MS	BP025602.D	4-Chloroaniline	Rahul	8/28/2025 8:28:48 AM	Jagrut	8/28/2025 1:39:19 PM	Peak Integrated by Software
Q2924-03MS	BP025602.D	Indeno(1,2,3-cd)pyrene	Rahul	8/28/2025 8:28:48 AM	Jagrut	8/28/2025 1:39:19 PM	Peak Integrated by Software
Q2924-03MS	BP025602.D	Naphthalene	Rahul	8/28/2025 8:28:48 AM	Jagrut	8/28/2025 1:39:19 PM	Peak Integrated by Software
Q2924-03MS	BP025602.D	Naphthalene-d8	Rahul	8/28/2025 8:28:48 AM	Jagrut	8/28/2025 1:39:19 PM	Peak Integrated by Software
Q2924-04MSD	BP025603.D	4-Chloroaniline	Rahul	8/28/2025 8:28:51 AM	Jagrut	8/28/2025 1:39:22 PM	Peak Integrated by Software
Q2924-04MSD	BP025603.D	Naphthalene	Rahul	8/28/2025 8:28:51 AM	Jagrut	8/28/2025 1:39:22 PM	Peak Integrated by Software
Q2924-04MSD	BP025603.D	Naphthalene-d8	Rahul	8/28/2025 8:28:51 AM	Jagrut	8/28/2025 1:39:22 PM	Peak Integrated by Software

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF082025

Review By	Rahul	Review On	8/21/2025 8:38:24 AM				
Supervise By	Jagrut	Supervise On	8/21/2025 11:02:57 AM				
SubDirectory	BF082025	HP Acquire Method	BNA_F		HP Processing Method	bf082025	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13171,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143476.D	20 Aug 2025 10:26	RC/JU	Ok
2	SSTDICC2.5	BF143477.D	20 Aug 2025 10:55	RC/JU	Ok
3	SSTDICC005	BF143478.D	20 Aug 2025 11:25	RC/JU	Ok
4	SSTDICC010	BF143479.D	20 Aug 2025 11:54	RC/JU	Ok
5	SSTDICC020	BF143480.D	20 Aug 2025 12:23	RC/JU	Ok
6	SSTDICCC040	BF143481.D	20 Aug 2025 12:53	RC/JU	Ok
7	SSTDICC050	BF143482.D	20 Aug 2025 13:22	RC/JU	Ok
8	SSTDICC060	BF143483.D	20 Aug 2025 13:51	RC/JU	Ok
9	SSTDICC080	BF143484.D	20 Aug 2025 14:20	RC/JU	Ok
10	SSTDICV040	BF143485.D	20 Aug 2025 15:16	RC/JU	Ok
11	PB169299BL	BF143486.D	20 Aug 2025 15:46	RC/JU	Ok
12	PB169299BS	BF143487.D	20 Aug 2025 16:15	RC/JU	Ok,M
13	PB169313BS	BF143488.D	20 Aug 2025 16:44	RC/JU	Ok,M
14	PB169313BSD	BF143489.D	20 Aug 2025 17:13	RC/JU	Ok,M
15	Q2892-12	BF143490.D	20 Aug 2025 17:43	RC/JU	Ok
16	Q2892-10	BF143491.D	20 Aug 2025 18:12	RC/JU	Ok
17	Q2892-10MS	BF143492.D	20 Aug 2025 18:41	RC/JU	Ok,M
18	Q2892-10MSD	BF143493.D	20 Aug 2025 19:10	RC/JU	Ok,M
19	Q2900-06	BF143494.D	20 Aug 2025 19:39	RC/JU	Ok
20	Q2900-07	BF143495.D	20 Aug 2025 20:08	RC/JU	Ok
21	Q2900-04	BF143496.D	20 Aug 2025 20:37	RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF082025

Review By	Rahul	Review On	8/21/2025 8:38:24 AM		
Supervise By	Jagrut	Supervise On	8/21/2025 11:02:57 AM		
SubDirectory	BF082025	HP Acquire Method	BNA_F	HP Processing Method	bf082025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13171,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	DFTPP	BF143497.D	20 Aug 2025 21:36	RC/JU	Ok
23	SSTDCCC040	BF143498.D	20 Aug 2025 22:05	RC/JU	Ok
24	PB169313BL	BF143499.D	20 Aug 2025 22:34	RC/JU	Ok
25	PB169223BS	BF143500.D	20 Aug 2025 23:03	RC/JU	Ok,M
26	PB169223BSD	BF143501.D	20 Aug 2025 23:32	RC/JU	Ok,M
27	Q2815-12	BF143502.D	21 Aug 2025 00:00	RC/JU	Ok
28	Q2900-01	BF143503.D	21 Aug 2025 00:29	RC/JU	Ok
29	Q2819-20	BF143504.D	21 Aug 2025 00:58	RC/JU	Ok
30	Q2819-14	BF143505.D	21 Aug 2025 01:27	RC/JU	Ok
31	Q2819-15	BF143506.D	21 Aug 2025 01:56	RC/JU	Ok
32	Q2819-18	BF143507.D	21 Aug 2025 02:25	RC/JU	Ok
33	Q2819-19	BF143508.D	21 Aug 2025 02:54	RC/JU	Ok
34	Q2892-06	BF143509.D	21 Aug 2025 03:23	RC/JU	Ok
35	Q2892-08	BF143510.D	21 Aug 2025 03:52	RC/JU	Ok
36	Q2900-02	BF143511.D	21 Aug 2025 04:21	RC/JU	Dilution
37	Q2900-03	BF143512.D	21 Aug 2025 04:49	RC/JU	Dilution
38	Q2900-05	BF143513.D	21 Aug 2025 05:18	RC/JU	Dilution
39	Q2815-11	BF143514.D	21 Aug 2025 05:47	RC/JU	Ok
40	Q2815-08	BF143515.D	21 Aug 2025 06:15	RC/JU	Ok
41	SSTDCCC040	BF143516.D	21 Aug 2025 06:44	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF082225

Review By	rahul	Review On	8/25/2025 10:24:04 AM				
Supervise By	Jagrut	Supervise On	8/25/2025 7:05:19 PM				
SubDirectory	BF082225	HP Acquire Method	BNA_F		HP Processing Method	bf082025	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13171,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143562.D	22 Aug 2025 09:30	RC/JU	Ok
2	SSTDCCC040	BF143563.D	22 Aug 2025 10:29	RC/JU	Ok
3	PB169330BL	BF143564.D	22 Aug 2025 10:58	RC/JU	Ok
4	PB169330BS	BF143565.D	22 Aug 2025 11:27	RC/JU	Ok,M
5	Q2903-01	BF143566.D	22 Aug 2025 12:02	RC/JU	Ok
6	Q2903-02	BF143567.D	22 Aug 2025 12:31	RC/JU	Ok,M
7	Q2903-03	BF143568.D	22 Aug 2025 13:00	RC/JU	Ok
8	Q2903-04	BF143569.D	22 Aug 2025 13:29	RC/JU	Ok
9	Q2903-05MS	BF143570.D	22 Aug 2025 13:58	RC/JU	Ok,M
10	Q2903-06MSD	BF143571.D	22 Aug 2025 14:27	RC/JU	Ok,M
11	Q2903-07	BF143572.D	22 Aug 2025 14:56	RC/JU	Ok
12	Q2903-08	BF143573.D	22 Aug 2025 15:25	RC/JU	Ok
13	Q2903-09	BF143574.D	22 Aug 2025 15:54	RC/JU	Ok
14	Q2903-10	BF143575.D	22 Aug 2025 16:24	RC/JU	Ok
15	Q2903-12	BF143576.D	22 Aug 2025 16:53	RC/JU	Ok
16	Q2915-01	BF143577.D	22 Aug 2025 17:23	RC/JU	Ok
17	Q2915-01MS	BF143578.D	22 Aug 2025 17:52	RC/JU	Ok,M
18	Q2915-01MSD	BF143579.D	22 Aug 2025 18:22	RC/JU	Ok,M
19	Q2915-03	BF143580.D	22 Aug 2025 18:51	RC/JU	Ok
20	Q2924-01	BF143581.D	22 Aug 2025 19:21	RC/JU	Ok
21	Q2924-05	BF143582.D	22 Aug 2025 19:50	RC/JU	Dilution

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF082225

Review By	rahul	Review On	8/25/2025 10:24:04 AM				
Supervise By	Jagrut	Supervise On	8/25/2025 7:05:19 PM				
SubDirectory	BF082225	HP Acquire Method	BNA_F		HP Processing Method	bf082025	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13171,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2892-04	BF143583.D	22 Aug 2025 20:20	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF082625

Review By	Rahul	Review On	8/27/2025 9:26:22 AM				
Supervise By	Jagrut	Supervise On	8/27/2025 11:41:31 AM				
SubDirectory	BF082625	HP Acquire Method	BNA_F		HP Processing Method	BF082625	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
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	BF143584.D	26 Aug 2025 08:36	RC/JU	Ok
2	SSTDICC2.5	BF143585.D	26 Aug 2025 09:11	RC/JU	Ok
3	SSTDICC005	BF143586.D	26 Aug 2025 09:39	RC/JU	Ok
4	SSTDICC010	BF143587.D	26 Aug 2025 10:08	RC/JU	Ok
5	SSTDICC020	BF143588.D	26 Aug 2025 10:37	RC/JU	Ok,M
6	SSTDICCC040	BF143589.D	26 Aug 2025 11:06	RC/JU	Ok,M
7	SSTDICC050	BF143590.D	26 Aug 2025 11:35	RC/JU	Ok,M
8	SSTDICC060	BF143591.D	26 Aug 2025 12:03	RC/JU	Ok,M
9	SSTDICC080	BF143592.D	26 Aug 2025 12:32	RC/JU	Ok,M
10	SSTDICV040	BF143593.D	26 Aug 2025 15:40	RC/JU	Ok,M
11	PB169355TB	BF143594.D	26 Aug 2025 16:09	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF082725

Review By	Rahul	Review On	8/28/2025 8:29:45 AM				
Supervise By	Jagrut	Supervise On	8/28/2025 1:41:00 PM				
SubDirectory	BF082725	HP Acquire Method	BNA_F		HP Processing Method	BF082625	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
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	BF143595.D	27 Aug 2025 08:48	RC/JU	Ok
2	SSTDCCC040	BF143596.D	27 Aug 2025 09:16	RC/JU	Ok
3	PB169400BL	BF143597.D	27 Aug 2025 09:45	RC/JU	Ok
4	PB169400BS	BF143598.D	27 Aug 2025 10:15	RC/JU	Ok,M
5	PB169400BSD	BF143599.D	27 Aug 2025 10:44	RC/JU	Ok,M
6	Q2954-11	BF143600.D	27 Aug 2025 11:24	RC/JU	Ok
7	Q2924-11	BF143601.D	27 Aug 2025 11:53	RC/JU	Ok
8	Q2936-03	BF143602.D	27 Aug 2025 12:22	RC/JU	Ok
9	Q2924-07	BF143603.D	27 Aug 2025 12:52	RC/JU	Ok
10	Q2936-01	BF143604.D	27 Aug 2025 13:21	RC/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	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 # BP082225

Review By	rahul	Review On	8/25/2025 10:24:30 AM		
Supervise By	Jagrut	Supervise On	8/25/2025 7:04:22 PM		
SubDirectory	BP082225	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	S13171,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025543.D	22 Aug 2025 10:08	CG/JU	Ok
2	SSTDCCC040	BP025544.D	22 Aug 2025 10:49	CG/JU	Ok,M
3	PB169346BL	BP025545.D	22 Aug 2025 12:06	CG/JU	Ok
4	PB169346BS	BP025546.D	22 Aug 2025 12:47	CG/JU	Ok
5	Q2832-01	BP025547.D	22 Aug 2025 13:32	CG/JU	Ok,M
6	Q2832-03	BP025548.D	22 Aug 2025 14:13	CG/JU	Ok,M
7	Q2903-11	BP025549.D	22 Aug 2025 14:54	CG/JU	Ok
8	Q2916-01	BP025550.D	22 Aug 2025 15:35	CG/JU	Ok
9	Q2936-04	BP025551.D	22 Aug 2025 16:17	CG/JU	Ok
10	Q2924-10	BP025552.D	22 Aug 2025 16:58	CG/JU	Ok
11	Q2934-01	BP025553.D	22 Aug 2025 17:39	CG/JU	Ok
12	Q2934-02	BP025554.D	22 Aug 2025 18:20	CG/JU	Ok
13	Q2934-03	BP025555.D	22 Aug 2025 19:02	CG/JU	Ok
14	Q2934-04	BP025556.D	22 Aug 2025 19:43	CG/JU	Ok
15	Q2917-01	BP025557.D	22 Aug 2025 20:24	CG/JU	Ok,M
16	Q2919-01	BP025558.D	22 Aug 2025 21:05	CG/JU	Ok,M
17	Q2909-01	BP025559.D	22 Aug 2025 21:46	CG/JU	Ok

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

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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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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_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF082025

Review By	Rahul	Review On	8/21/2025 8:38:24 AM		
Supervise By	Jagrut	Supervise On	8/21/2025 11:02:57 AM		
SubDirectory	BF082025	HP Acquire Method	BNA_F	HP Processing Method	bf082025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13171,10ul/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	BF143476.D	20 Aug 2025 10:26		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF143477.D	20 Aug 2025 10:55		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF143478.D	20 Aug 2025 11:25		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF143479.D	20 Aug 2025 11:54		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF143480.D	20 Aug 2025 12:23	compounds #32,41,54 kept on LR	RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BF143481.D	20 Aug 2025 12:53	Benzidine failed in the Calibration Method.	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF143482.D	20 Aug 2025 13:22		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF143483.D	20 Aug 2025 13:51		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF143484.D	20 Aug 2025 14:20	Compound #9 revoved from 80PPM	RC/JU	Ok
10	SSTDICV040	ICVBF082025	BF143485.D	20 Aug 2025 15:16		RC/JU	Ok
11	PB169299BL	PB169299BL	BF143486.D	20 Aug 2025 15:46		RC/JU	Ok
12	PB169299BS	PB169299BS	BF143487.D	20 Aug 2025 16:15		RC/JU	Ok,M
13	PB169313BS	PB169313BS	BF143488.D	20 Aug 2025 16:44		RC/JU	Ok,M
14	PB169313BSD	PB169313BSD	BF143489.D	20 Aug 2025 17:13		RC/JU	Ok,M
15	Q2892-12	FRONT-1-FLOOR-F	BF143490.D	20 Aug 2025 17:43		RC/JU	Ok
16	Q2892-10	3-FLOOR-SOUTH-E	BF143491.D	20 Aug 2025 18:12		RC/JU	Ok
17	Q2892-10MS	3-FLOOR-SOUTH-EMS	BF143492.D	20 Aug 2025 18:41		RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF082025

Review By	Rahul	Review On	8/21/2025 8:38:24 AM		
Supervise By	Jagrut	Supervise On	8/21/2025 11:02:57 AM		
SubDirectory	BF082025	HP Acquire Method	BNA_F	HP Processing Method	bf082025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13171,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2892-10MSD	3-FLOOR-SOUTH-EMS	BF143493.D	20 Aug 2025 19:10		RC/JU	Ok,M
19	Q2900-06	MW-17C-081825	BF143494.D	20 Aug 2025 19:39		RC/JU	Ok
20	Q2900-07	MW-11B-081825	BF143495.D	20 Aug 2025 20:08		RC/JU	Ok
21	Q2900-04	MW-17B-081825	BF143496.D	20 Aug 2025 20:37		RC/JU	Ok
22	DFTPP	DFTPP	BF143497.D	20 Aug 2025 21:36		RC/JU	Ok
23	SSTDCCC040	SSTDCCC040	BF143498.D	20 Aug 2025 22:05		RC/JU	Ok
24	PB169313BL	PB169313BL	BF143499.D	20 Aug 2025 22:34		RC/JU	Ok
25	PB169223BS	PB169223BS	BF143500.D	20 Aug 2025 23:03		RC/JU	Ok,M
26	PB169223BSD	PB169223BSD	BF143501.D	20 Aug 2025 23:32		RC/JU	Ok,M
27	Q2815-12	TW-22M-S	BF143502.D	21 Aug 2025 00:00		RC/JU	Ok
28	Q2900-01	MN-9C-081825	BF143503.D	21 Aug 2025 00:29		RC/JU	Ok
29	Q2819-20	82H-E	BF143504.D	21 Aug 2025 00:58		RC/JU	Ok
30	Q2819-14	17M-W	BF143505.D	21 Aug 2025 01:27		RC/JU	Ok
31	Q2819-15	17M-N	BF143506.D	21 Aug 2025 01:56		RC/JU	Ok
32	Q2819-18	38M-W	BF143507.D	21 Aug 2025 02:25		RC/JU	Ok
33	Q2819-19	38M-E	BF143508.D	21 Aug 2025 02:54		RC/JU	Ok
34	Q2892-06	BACK-1-FLOOR-CENT	BF143509.D	21 Aug 2025 03:23		RC/JU	Ok
35	Q2892-08	3-FLOOR-NORTH-D	BF143510.D	21 Aug 2025 03:52		RC/JU	Ok
36	Q2900-02	MN-12C-081825	BF143511.D	21 Aug 2025 04:21	Internal standard fail and need 20X then decide further dilution.	RC/JU	Dilution

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF082025

Review By	Rahul	Review On	8/21/2025 8:38:24 AM		
Supervise By	Jagrut	Supervise On	8/21/2025 11:02:57 AM		
SubDirectory	BF082025	HP Acquire Method	BNA_F	HP Processing Method	bf082025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13171,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

37	Q2900-03	DUP-01-081825	BF143512.D	21 Aug 2025 04:49	Internal standard fail and need 20X then decide further dilution.	RC/JU	Dilution
38	Q2900-05	MW-11C-081825	BF143513.D	21 Aug 2025 05:18	Internal standard fail and need 20X then decide further dilution.	RC/JU	Dilution
39	Q2815-11	TW-22M-W	BF143514.D	21 Aug 2025 05:47		RC/JU	Ok
40	Q2815-08	TW-88H-N	BF143515.D	21 Aug 2025 06:15		RC/JU	Ok
41	SSTDCCC040	SSTDCCC040EC	BF143516.D	21 Aug 2025 06:44		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF082225

Review By	rahul	Review On	8/25/2025 10:24:04 AM		
Supervise By	Jagrut	Supervise On	8/25/2025 7:05:19 PM		
SubDirectory	BF082225	HP Acquire Method	BNA_F	HP Processing Method	bf082025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13171,10ul/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	BF143562.D	22 Aug 2025 09:30		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143563.D	22 Aug 2025 10:29		RC/JU	Ok
3	PB169330BL	PB169330BL	BF143564.D	22 Aug 2025 10:58		RC/JU	Ok
4	PB169330BS	PB169330BS	BF143565.D	22 Aug 2025 11:27		RC/JU	Ok,M
5	Q2903-01	MW-6A-081925	BF143566.D	22 Aug 2025 12:02		RC/JU	Ok
6	Q2903-02	MW-1C-081925	BF143567.D	22 Aug 2025 12:31		RC/JU	Ok,M
7	Q2903-03	MW-6B-081925	BF143568.D	22 Aug 2025 13:00		RC/JU	Ok
8	Q2903-04	MW-1B-081925	BF143569.D	22 Aug 2025 13:29		RC/JU	Ok
9	Q2903-05MS	MW-6B-081925MS	BF143570.D	22 Aug 2025 13:58		RC/JU	Ok,M
10	Q2903-06MSD	MW-6B-081925MSD	BF143571.D	22 Aug 2025 14:27		RC/JU	Ok,M
11	Q2903-07	MW-12B-081925	BF143572.D	22 Aug 2025 14:56		RC/JU	Ok
12	Q2903-08	MW-18B-081925	BF143573.D	22 Aug 2025 15:25		RC/JU	Ok
13	Q2903-09	DUP-02-081925	BF143574.D	22 Aug 2025 15:54		RC/JU	Ok
14	Q2903-10	MW-17A-081925	BF143575.D	22 Aug 2025 16:24		RC/JU	Ok
15	Q2903-12	MW-16B-081925	BF143576.D	22 Aug 2025 16:53		RC/JU	Ok
16	Q2915-01	BRIDGE-WEST	BF143577.D	22 Aug 2025 17:23		RC/JU	Ok
17	Q2915-01MS	BRIDGE-WESTMS	BF143578.D	22 Aug 2025 17:52		RC/JU	Ok,M
18	Q2915-01MSD	BRIDGE-WESTMSD	BF143579.D	22 Aug 2025 18:22		RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF082225

Review By	rahul	Review On	8/25/2025 10:24:04 AM		
Supervise By	Jagrut	Supervise On	8/25/2025 7:05:19 PM		
SubDirectory	BF082225	HP Acquire Method	BNA_F	HP Processing Method	bf082025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13171,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2915-03	BRIDGE-EAST	BF143580.D	22 Aug 2025 18:51		RC/JU	Ok
20	Q2924-01	MW-10C-082025	BF143581.D	22 Aug 2025 19:21		RC/JU	Ok
21	Q2924-05	MW-2B-082025	BF143582.D	22 Aug 2025 19:50	analyze WITH 20X & then decide.	RC/JU	Dilution
22	Q2892-04	1-FLOOR-DRILL-B-BA(	BF143583.D	22 Aug 2025 20:20		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF082625

Review By	Rahul	Review On	8/27/2025 9:26:22 AM		
Supervise By	Jagrut	Supervise On	8/27/2025 11:41:31 AM		
SubDirectory	BF082625	HP Acquire Method	BNA_F	HP Processing Method	BF082625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
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	BF143584.D	26 Aug 2025 08:36		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF143585.D	26 Aug 2025 09:11		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF143586.D	26 Aug 2025 09:39	Compound#23 removed from 5 ppm	RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF143587.D	26 Aug 2025 10:08		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF143588.D	26 Aug 2025 10:37	Benzidine failed in the Calibration.	RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BF143589.D	26 Aug 2025 11:06	Compound#48,51,53,56,57,62,80,84 Kept on LR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BF143590.D	26 Aug 2025 11:35	Compound#26,32,54,65,85 Kept on QR	RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BF143591.D	26 Aug 2025 12:03		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BF143592.D	26 Aug 2025 12:32	Compound#09 removed from 80 ppm	RC/JU	Ok,M
10	SSTDICV040	ICVBF082625	BF143593.D	26 Aug 2025 15:40	Benzidine failed in the Calibration.	RC/JU	Ok,M
11	PB169355TB	PB169355TB	BF143594.D	26 Aug 2025 16:09		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF082725

Review By	Rahul	Review On	8/28/2025 8:29:45 AM		
Supervise By	Jagrut	Supervise On	8/28/2025 1:41:00 PM		
SubDirectory	BF082725	HP Acquire Method	BNA_F	HP Processing Method	BF082625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
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	BF143595.D	27 Aug 2025 08:48		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143596.D	27 Aug 2025 09:16		RC/JU	Ok
3	PB169400BL	PB169400BL	BF143597.D	27 Aug 2025 09:45		RC/JU	Ok
4	PB169400BS	PB169400BS	BF143598.D	27 Aug 2025 10:15		RC/JU	Ok,M
5	PB169400BSD	PB169400BSD	BF143599.D	27 Aug 2025 10:44		RC/JU	Ok,M
6	Q2954-11	BRIDGE	BF143600.D	27 Aug 2025 11:24		RC/JU	Ok
7	Q2924-11	FB-01-082025	BF143601.D	27 Aug 2025 11:53		RC/JU	Ok
8	Q2936-03	MW-19C-082125	BF143602.D	27 Aug 2025 12:22		RC/JU	Ok
9	Q2924-07	MW-18C-082025	BF143603.D	27 Aug 2025 12:52		RC/JU	Ok
10	Q2936-01	MW-19A-082125	BF143604.D	27 Aug 2025 13:21		RC/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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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

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP082225

Review By	rahul	Review On	8/25/2025 10:24:30 AM		
Supervise By	Jagrut	Supervise On	8/25/2025 7:04:22 PM		
SubDirectory	BP082225	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	S13171,10ul/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	BP025543.D	22 Aug 2025 10:08		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025544.D	22 Aug 2025 10:49		CG/JU	Ok,M
3	PB169346BL	PB169346BL	BP025545.D	22 Aug 2025 12:06		CG/JU	Ok
4	PB169346BS	PB169346BS	BP025546.D	22 Aug 2025 12:47		CG/JU	Ok
5	Q2832-01	TG-S01	BP025547.D	22 Aug 2025 13:32		CG/JU	Ok,M
6	Q2832-03	TG-S02	BP025548.D	22 Aug 2025 14:13		CG/JU	Ok,M
7	Q2903-11	MW-18A-081925	BP025549.D	22 Aug 2025 14:54		CG/JU	Ok
8	Q2916-01	EO-03-08202025	BP025550.D	22 Aug 2025 15:35		CG/JU	Ok
9	Q2936-04	FB-02-082125	BP025551.D	22 Aug 2025 16:17		CG/JU	Ok
10	Q2924-10	MW-8A-082025	BP025552.D	22 Aug 2025 16:58		CG/JU	Ok
11	Q2934-01	ENV-SW01	BP025553.D	22 Aug 2025 17:39		CG/JU	Ok
12	Q2934-02	ENV-SW02	BP025554.D	22 Aug 2025 18:20		CG/JU	Ok
13	Q2934-03	ENV-SW03	BP025555.D	22 Aug 2025 19:02		CG/JU	Ok
14	Q2934-04	ENV-SW04	BP025556.D	22 Aug 2025 19:43		CG/JU	Ok
15	Q2917-01	OR-02-082025	BP025557.D	22 Aug 2025 20:24		CG/JU	Ok,M
16	Q2919-01	OK-02-08202025	BP025558.D	22 Aug 2025 21:05		CG/JU	Ok,M
17	Q2909-01	4065	BP025559.D	22 Aug 2025 21:46		CG/JU	Ok

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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	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

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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	

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	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

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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

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EXTRACTION LOGPAGE

PB169362

SOP ID: M3510C,3580A-Extraction SVOC-21

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3953

Extraction By: RS

Filter By: RJ

pH Meter ID: N/A

Hood ID: 4,5,6,7

Extraction Start Date : 08/22/2025

Extraction Start Time : 10:34

Extraction End Date : 08/22/2025

Extraction End Time : 15:45

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
Surrogate	1.0ML	100/150 PPM	SP6852
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3964
Baked Na2SO4	N/A	EP2632
H2SO4 1:1	N/A	EP2610
10N NaoH	N/A	EP2609
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

pH Adjusted to < 2 with 1:1 H2SO4 & >12 with 10N NaOH, 1.5ML Vial Lot # 2210443.

KD Bath ID: WATER BATH-1,2

KD Bath Temperature: 60 °C

Envap ID: NE VAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
8/22/25	RS (Ext-Lab)	RC/SVOC
15:50	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169362

Analytical Method: M3510C,3580A-Extraction SVOC-21

Concentration Date: 08/22/2025

Sample ID	Client Sample ID	Test	g /mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169362BL	SBLK362	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			SEP-1
PB169362BS	SLCS362	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			2
Q2921-01	MW1	SVOCMS Group1	950	6	RUPESH	ritesh	1	C		3
Q2924-01	MW-10C-082025	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	C		4
Q2924-02	MW-201-082025	SVOC-TCL BNA -20	950	6	RUPESH	ritesh	1	C		5
Q2924-03	Q2924-02MS	SVOC-TCL BNA -20	970	6	RUPESH	ritesh	1	C		6
Q2924-04	Q2924-02MSD	SVOC-TCL BNA -20	950	6	RUPESH	ritesh	1	C		7
Q2924-05	MW-2B-082025	SVOC-TCL BNA -20	960	6	RUPESH	ritesh	1	C		8
Q2924-06	MW-2A-082025	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	C		9
Q2924-07	MW-18C-082025	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	C		10
Q2924-08	MW-16A-082025	SVOC-TCL BNA -20	910	6	RUPESH	ritesh	1	C		11
Q2924-09	MW-16C-082025	SVOC-TCL BNA -20	940	6	RUPESH	ritesh	1	C		12
Q2924-10	MW-8A-082025	SVOC-TCL BNA -20	930	6	RUPESH	ritesh	1	C		13
Q2924-11	FB-01-082025	SVOC-TCL BNA -20	960	6	RUPESH	ritesh	1	C		14
Q2934-01	ENV-SW01	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	F		15
Q2934-02	ENV-SW02	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	F		16
Q2934-03	ENV-SW03	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	F		SEP-1
Q2934-04	ENV-SW04	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	F		2
Q2936-01	MW-19A-082125	SVOC-TCL BNA -20	850	6	RUPESH	ritesh	1	C		3
Q2936-02	MW-19B-082125	SVOC-TCL BNA -20	900	6	RUPESH	ritesh	1	C		4
Q2936-03	MW-19C-082125	SVOC-TCL BNA -20	940	6	RUPESH	ritesh	1	C		5
Q2936-04	FB-02-082125	SVOC-TCL BNA -20	950	6	RUPESH	ritesh	1	C		6

RS 8/22

* **Extracts relinguished on the same date as received.**

169362
10:34

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2924 **WorkList ID :** 191429 **Department :** Extraction **Date :** 08-22-2025 10:22:28

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2921-01	MW1	Water	SVOCMS Group1	Cool 4 deg C	GENV01	D11	08/20/2025	8270E
Q2924-01	MW-10C-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-02	MW-201-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-03	Q2924-02MS	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-04	Q2924-02MSD	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-05	MW-2B-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-06	MW-2A-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-07	MW-18C-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-08	MW-16A-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-09	MW-16C-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-10	MW-8A-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-11	FB-01-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2934-01	ENV-SW01	Water	SVOC-TCL BNA -20	Cool 4 deg C	PORT06	D41	08/21/2025	8270E
Q2934-02	ENV-SW02	Water	SVOC-TCL BNA -20	Cool 4 deg C	PORT06	D41	08/21/2025	8270E
Q2934-03	ENV-SW03	Water	SVOC-TCL BNA -20	Cool 4 deg C	PORT06	D41	08/21/2025	8270E
Q2934-04	ENV-SW04	Water	SVOC-TCL BNA -20	Cool 4 deg C	PORT06	D41	08/21/2025	8270E
Q2936-01	MW-19A-082125	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	08/21/2025	8270E
Q2936-02	MW-19B-082125	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	08/21/2025	8270E
Q2936-03	MW-19C-082125	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	08/21/2025	8270E
Q2936-04	FB-02-082125	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	08/21/2025	8270E

Date/Time 8/22/25 10:30
Raw Sample Received by: RS (EXT (acb)
Raw Sample Relinquished by:

Date/Time 8/22/25 11:15
Raw Sample Received by:
Raw Sample Relinquished by: RS (EXT-(acb)

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO. Q2924
QUOTE NO.
COC Number 2045003

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: AECOM
ADDRESS: 250 Apollo Dr
CITY Chelmsford STATE: MA ZIP 01824
ATTENTION: Peter S. Cox, P.G.
PHONE: 1-978-905-2100 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Equity
PROJECT NO: 60137362 LOCATION: Brooklyn, NY
PROJECT MANAGER: Peter S. Cox, P.G.
e-mail: pete.cox@aecom.com
PHONE 1-978-905-2100 FAX:

CLIENT BILLING INFORMATION

BILL TO: AECOM PO#: TBD
ADDRESS: 250 Apollo Dr
CITY Chelmsford STATE: MA ZIP: 01824
ATTENTION: Peter S. Cox PHONE 1-978-905-2100

DATA TURNAROUND INFORMATION

FAX (RUSH) 10 DAYS*
HARDCOPY (DATA PACKAGE): 10 DAYS*
EDD: 10 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 EQUIS
- ☐ EDD FORMAT

ANALYSIS

1: 8270E SVOCs 2: 8260D-VOCs 3: 4: 5: 6: 7: 8: 9:

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1 (E)	PRESERVATIVES 2 (A)	PRESERVATIVES 3	PRESERVATIVES 4	PRESERVATIVES 5	PRESERVATIVES 6	PRESERVATIVES 7	PRESERVATIVES 8	PRESERVATIVES 9	COMMENTS
1.	MW-10C-082025	W		X	8/20/25	0916	3	✓	X								
2.	MW-20I-082025	W		X	8/20/25	0945	3	X	X								
3.	MS-02-082025	W		X	8/20/25	0946	3	X	X								
4.	MSD-02-082025	W		X	8/20/25	0950	3	X	X								
5.	MW-2B-082025	W		X	8/20/25	0945	3	X	X								
6.	MW-2A-082025	W		X	8/20/25	1031	3	X	X								
7.	MW-18C-082025	W		X	8/20/25	1146	3	X	X								
8.	MW-16A-082025	W		X	8/20/25	1216	3	X	X								
9.	MW-16C-082025	W		X	8/20/25	1225	3	X	X								
10.	MW-8A-082025	W		X	8/20/25	1325	3	X	X								

← Specify Preservatives: A-HCl, B-HN03, C-H2SO4, D-NaOH, E-ICE, F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

	DATE/TIME		
RELINQUISHED BY SAMPLER: 1	8/20/25	RECEIVED BY: 1.	1530 8-20-25
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.	
RELINQUISHED BY SAMPLER: 3	DATE/TIME: 1729 8.20.25	RECEIVED BY: 3.	

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.3 °C
Comments:

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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Alliance TECHNICAL GROUP

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www.chemtech.net

ALLIANCE PROJECT NO.: Q2924
QUOTE NO.:
COC Number 2045002

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: AECOM
ADDRESS: 250 Apollo Dr
CITY Chelmsford STATE: MA ZIP: 01824
ATTENTION: Peter S. Cox P.G.
PHONE: 1-978-905-21[illegible] FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Equity
PROJECT NO.: LOCATION: Brooklyn, NY
PROJECT MANAGER: Peter S. Cox P.G.
e-mail: pete.cox@aecom.com
PHONE: 1-978-905-2100 FAX:

CLIENT BILLING INFORMATION

BILL TO: AECOM PO#: TBD
ADDRESS: 250 Apollo Dr
CITY Chelmsford STATE: MA ZIP: 01824
ATTENTION: Peter S. Cox PHONE: 1-978-905-2100

DATA TURNAROUND INFORMATION

FAX (RUSH) 10 DAYS*
HARDCOPY (DATA PACKAGE): 10 DAYS*
EDD: 10 DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 4 (QC + Full Raw Data)
- ☑ Level 2 (Results + QC)
- ☐ NJ Reduced ☐ US EPA CLP
- ☐ Level 3 (Results + QC + Raw Data)
- ☑ NYS ASP A ☐ NYS ASP B
- ☑ Other EqLIS
- ☐ EDD FORMAT

ANALYSIS

1: 8270E-SVOCS
2: 8260D-VOCS
3. 4 5 6 7 8 9

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
								E	A								← Specify Preservatives: A-HCl, B-HN03, C-H2SO4, D-NaOH, E-ICE, F-OTHER
1.	FB-01-082025	W		X	8/20/25	1350	3	X	X								
2.	TB	W		X	8/18/25	0800	2		X								
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	8/20/25	1. 1530 8.20.25
2.	DATE/TIME:	RECEIVED BY: 2.
3.	DATE/TIME: 1729 8-20-25	RECEIVED BY: 3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.5 °C
Comments:

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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Alliance TECHNICAL GROUP
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

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2924 AECO02
Client Name : AECOM
Client Contact : Peter S
Invoice Name : AECOM
Invoice Contact : Peter S

Order Date : 8/20/2025 3:43:00 PM
Project Name : National Grid Equity - Broo
Receive DateTime : 8/20/2025 5:29:00 PM
Purchase Order :

Project Mgr : Deepak
Report Type : NYS ASP A
EDD Type : EXCEL NJCLEANUP
Hard Copy Date :
Date Signoff : 8/21/2025 9:28:59 AM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2924-01	MW-10C-082025	Water	08/20/2025	09:16	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2924-02	MW-201-082025	Water	08/20/2025	08:45	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2924-03	Q2924-02MS	Water	08/20/2025	08:45	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2924-04	Q2924-02MSD	Water	08/20/2025	08:45	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2924-05	MW-2B-082025	Water	08/20/2025	09:45	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2924-06	MW-2A-082025	Water	08/20/2025	10:31	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2924-07	MW-18C-082025	Water	08/20/2025	11:46	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2924-08	MW-16A-082025	Water	08/20/2025	12:16					

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID :	Q2924 AECO02	**Order Date :**	8/20/2025 3:43:00 PM	**Project Mgr :**	
Client Name :	AECOM	**Project Name :**	National Grid Equity - Broc	**Report Type :**	NYS ASP A
Client Contact :	Peter S	**Receive DateTime :**	8/20/2025 5:29:00 PM	**EDD Type :**	EXCEL NJCLEANUP
Invoice Name :	AECOM	**Purchase Order :**		**Hard Copy Date :**	
Invoice Contact :	Peter S			**Date Signoff :**	

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2924-09	MW-16C-~~08205~~ 082025	Water	08/20/2025	12:25					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2924-10	MW-8A-082025	Water	08/20/2025	13:25					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2924-11	FB-01-082025	Water	08/~~20~~/2025	13:~~30~~ 50					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2924-12	TB	Water	08/~~20~~/2025	08:00					
					VOC-TCLVOA-10		8260D	10 Bus. Days	

Relinguished By : CP

Date / Time : 8/21/25 9:10

Received By :

Date / Time : 8/21/25 910

Storage Area : **VOA Refridgerator Room**