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Cover Page

Order ID : Q2903

Project ID : National Grid Equity - Brooklyn NY

Client : AECOM

Lab Sample Number	Client Sample Number
Q2903-01	MW-6A-081925
Q2903-02	MW-1C-081925
Q2903-03	MW-6B-081925
Q2903-04	MW-1B-081925
Q2903-05	Q2903-03MS
Q2903-06	Q2903-03MSD
Q2903-07	MW-12B-081925
Q2903-08	MW-18B-081925
Q2903-09	DUP-02-081925
Q2903-10	MW-17A-081925
Q2903-11	MW-18A-081925
Q2903-12	MW-16B-081925
Q2903-13	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: 8/29/2025

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 # Q2903
Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:
12 Water samples were received on 08/19/2025.

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

The MS {Q2903-05MS} with File ID: BF143570.D recoveries met the requirements for all compounds except for 1,2,4,5-Tetrachlorobenzene[78%] and Hexachlorobutadiene[50%]. Recovery failed due to matrix interference.

The MSD {Q2903-06MSD} with File ID: BF143571.D recoveries met the requirements for all compounds except for 1,2,4,5-Tetrachlorobenzene[76%], 1,4-Dioxane[37%] and Hexachlorobutadiene[49%] due to matrix interference.

The RPD were met for all analysis.

The Blank Spike for {PB169330BS} with File ID: BF143565.D met requirements for all compounds except for Butylbenzylphthalate[111%], Di-n-butylphthalate[116%]. Recovery failed high side and associated samples does not have hit for these, Therefor no further corrective action was taken.

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

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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 Continuous Calibration File ID BP025544.D met the requirements except for 2,4-Dinitrophenol and Benzaldehyde. Failed high but associated samples has no hit for these compounds, Therefor no further corrective action was taken.

The Tuning criteria met requirements.

Samples MW-18A-081925 was diluted due to viscous and concentrated matrix.

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 #: **Q2903**

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

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LAB CHRONICLE

OrderID:	Q2903	**OrderDate:**	8/19/2025 3:36:00 PM
Client:	AECOM	**Project:**	National Grid Equity - Brooklyn NY
Contact:	Peter S	**Location:**	J11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2903-01	**MW-6A-081925**	**Water**			**08/19/25**			**08/19/25**
			SVOC-TCL BNA -20	8270E		08/21/25	08/22/25	
Q2903-02	**MW-1C-081925**	**Water**			**08/19/25**			**08/19/25**
			SVOC-TCL BNA -20	8270E		08/21/25	08/22/25	
Q2903-03	**MW-6B-081925**	**Water**			**08/19/25**			**08/19/25**
			SVOC-TCL BNA -20	8270E		08/21/25	08/22/25	
Q2903-04	**MW-1B-081925**	**Water**			**08/19/25**			**08/19/25**
			SVOC-TCL BNA -20	8270E		08/21/25	08/22/25	
Q2903-07	**MW-12B-081925**	**Water**			**08/19/25**			**08/19/25**
			SVOC-TCL BNA -20	8270E		08/21/25	08/22/25	
Q2903-08	**MW-18B-081925**	**Water**			**08/19/25**			**08/19/25**
			SVOC-TCL BNA -20	8270E		08/21/25	08/22/25	
Q2903-09	**DUP-02-081925**	**Water**			**08/19/25**			**08/19/25**
			SVOC-TCL BNA -20	8270E		08/21/25	08/22/25	
Q2903-10	**MW-17A-081925**	**Water**			**08/19/25**			**08/19/25**
			SVOC-TCL BNA -20	8270E		08/21/25	08/22/25	
Q2903-11	**MW-18A-081925**	**Water**			**08/19/25**			**08/19/25**
			SVOC-TCL BNA -20	8270E		08/21/25	08/22/25	
Q2903-12	**MW-16B-081925**	**Water**			**08/19/25**			**08/19/25**
			SVOC-TCL BNA -20	8270E		08/21/25	08/22/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2903

Client: AECOM

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : MW-6A-081925									
Q2903-01	MW-6A-081925	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	5.900	AB	0	0	ug/L
Q2903-01	MW-6A-081925	WATER	Benzophenone	*	2.500	J	0	0	ug/L
Q2903-01	MW-6A-081925	WATER	Butane, 2-methoxy-2-methyl-	*	120.000	J	0	0	ug/L
Q2903-01	MW-6A-081925	WATER	cis-Vaccenic acid	*	2.500	J	0	0	ug/L
Q2903-01	MW-6A-081925	WATER	n-Hexadecanoic acid	*	11.000	J	0	0	ug/L
Q2903-01	MW-6A-081925	WATER	Octadecanoic acid	*	2.700	J	0	0	ug/L
Q2903-01	MW-6A-081925	WATER	Supraene	*	12.700	J	0	0	ug/L
			Total Tics :		**157.30**				
			Total Concentration:		**157.30**				
Client ID : MW-1C-081925									
Q2903-02	MW-1C-081925	WATER	Naphthalene		33.500		0.52	5.2	ug/L
Q2903-02	MW-1C-081925	WATER	1,1-Biphenyl		9.200		0.55	5.2	ug/L
Q2903-02	MW-1C-081925	WATER	Acenaphthylene		14.900		0.77	5.2	ug/L
Q2903-02	MW-1C-081925	WATER	Acenaphthene		12.300		0.57	5.2	ug/L
Q2903-02	MW-1C-081925	WATER	Fluorene		3.000	J	0.65	5.2	ug/L
Q2903-02	MW-1C-081925	WATER	Phenanthrene		14.500		0.52	5.2	ug/L
Q2903-02	MW-1C-081925	WATER	Anthracene		2.800	J	0.63	5.2	ug/L
			Total Svoc :		**90.20**				
Q2903-02	MW-1C-081925	WATER	Anthracene, 1-methyl-	*	4.300	J	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	Benzene, 1,3-dimethyl-	*	3.600	J	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	Benzene, 1-ethyl-2-methyl-	*	2.400	J	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	Benzene, 1-ethyl-3-methyl-	*	3.700	J	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	Benzo[b]thiophene, 4-methyl-	*	2.900	J	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	Benzophenone	*	2.600	J	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	Butane, 2-methoxy-2-methyl-	*	100.000	J	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	Cyclopenta[c]thiapyran	*	2.400	J	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	Dibenzothiophene	*	2.300	J	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	1H-Indene, 1-methyl-	*	8.000	J	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	1H-Indene, 3-methyl-	*	7.300	J	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	1-Propyne, 3-phenyl-	*	10.200	J	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	4.800	AB	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	Naphthalene, 1,5-dimethyl-	*	8.800	J	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	Naphthalene, 1,6-dimethyl-	*	5.500	J	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	Naphthalene, 2,7-dimethyl-	*	5.900	J	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	unknown6.751	*	5.700	J	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	1-Methylnaphthalene	*	62.100	J	0.68	5.2	ug/L
			Total Tics :		**242.50**				

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Hit Summary Sheet
SW-846

SDG No.: Q2903

Client: AECOM

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
			Total Concentration:		**332.70**				
Client ID :	**MW-6B-081925**								
Q2903-03	MW-6B-081925	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	5.200	AB	0	0	ug/L
Q2903-03	MW-6B-081925	WATER	Benzophenone	*	2.700	J	0	0	ug/L
Q2903-03	MW-6B-081925	WATER	Butane, 2-methoxy-2-methyl-	*	110.000	J	0	0	ug/L
Q2903-03	MW-6B-081925	WATER	n-Hexadecanoic acid	*	4.500	J	0	0	ug/L
Q2903-03	MW-6B-081925	WATER	Supraene	*	3.100	J	0	0	ug/L
			Total Tics :		**125.50**				
			Total Concentration:		**125.50**				
Client ID :	**MW-1B-081925**								
Q2903-04	MW-1B-081925	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	6.000	AB	0	0	ug/L
Q2903-04	MW-1B-081925	WATER	Butane, 2-methoxy-2-methyl-	*	120.000	J	0	0	ug/L
Q2903-04	MW-1B-081925	WATER	Palmitoleic acid	*	3.300	J	0	0	ug/L
			Total Tics :		**129.30**				
			Total Concentration:		**129.30**				
Client ID :	**MW-12B-081925**								
Q2903-07	MW-12B-081925	WATER	Naphthalene		84.200		0.54	5.4	ug/L
Q2903-07	MW-12B-081925	WATER	Bis(2-ethylhexyl)phthalate		2.500	J	1.7	5.4	ug/L
			Total Svoc :		**86.70**				
Q2903-07	MW-12B-081925	WATER	1H-Inden-5-ol, 2,3-dihydro-	*	2.900	J	0	0	ug/L
Q2903-07	MW-12B-081925	WATER	Butane, 2-methoxy-2-methyl-	*	110.000	J	0	0	ug/L
Q2903-07	MW-12B-081925	WATER	Hexadecanoic acid, 1,1-dimethyle	*	3.300	J	0	0	ug/L
Q2903-07	MW-12B-081925	WATER	2,6-Dimethylphenyl isocyanate	*	4.700	J	0	0	ug/L
Q2903-07	MW-12B-081925	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	6.200	AB	0	0	ug/L
Q2903-07	MW-12B-081925	WATER	Benzene, 1-ethyl-4-methyl-	*	8.400	J	0	0	ug/L
Q2903-07	MW-12B-081925	WATER	Benzene, 2-propenyl-	*	260.000	J	0	0	ug/L
Q2903-07	MW-12B-081925	WATER	Benzophenone	*	3.900	J	0	0	ug/L
Q2903-07	MW-12B-081925	WATER	n-Hexadecanoic acid	*	6.000	J	0	0	ug/L
Q2903-07	MW-12B-081925	WATER	N-Methyl-1H-benzimidazol-2-am	*	4.600	J	0	0	ug/L
Q2903-07	MW-12B-081925	WATER	Pentadecafluorooctanoic acid, oct	*	3.300	J	0	0	ug/L
Q2903-07	MW-12B-081925	WATER	Trifluoroacetoxy hexadecane	*	4.300	J	0	0	ug/L
Q2903-07	MW-12B-081925	WATER	unknown6.981	*	5.600	J	0	0	ug/L
Q2903-07	MW-12B-081925	WATER	1-Methylnaphthalene	*	9.100	J	0.72	5.4	ug/L
			Total Tics :		**432.30**				
			Total Concentration:		**519.00**				
Client ID :	**MW-18B-081925**								
Q2903-08	MW-18B-081925	WATER	Naphthalene		35.800		0.5	5	ug/L
Q2903-08	MW-18B-081925	WATER	Acenaphthene		4.400	J	0.55	5	ug/L
Q2903-08	MW-18B-081925	WATER	Carbazole		2.500	J	0.72	5	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2903

Client: AECOM

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
			Total Svoc :		**42.70**				
Q2903-08	MW-18B-081925	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	4.200	AB	0	0	ug/L
Q2903-08	MW-18B-081925	WATER	Benzophenone	*	3.000	J	0	0	ug/L
Q2903-08	MW-18B-081925	WATER	Butane, 2-methoxy-2-methyl-	*	99.400	J	0	0	ug/L
Q2903-08	MW-18B-081925	WATER	Hexadecanoic acid, butyl ester	*	2.400	J	0	0	ug/L
Q2903-08	MW-18B-081925	WATER	Indane	*	2.200	J	0	0	ug/L
Q2903-08	MW-18B-081925	WATER	Trichloroacetic acid, hexadecyl es	*	2.600	J	0	0	ug/L
Q2903-08	MW-18B-081925	WATER	1-Methylnaphthalene	*	6.000	J	0.66	5	ug/L
			Total Tics :		**119.80**				
			Total Concentration:		**162.50**				
Client ID :	**DUP-02-081925**								
Q2903-09	DUP-02-081925	WATER	Naphthalene		31.700		0.52	5.2	ug/L
Q2903-09	DUP-02-081925	WATER	Acenaphthene		3.800	J	0.57	5.2	ug/L
Q2903-09	DUP-02-081925	WATER	Carbazole		2.200	J	0.75	5.2	ug/L
			Total Svoc :		**37.70**				
Q2903-09	DUP-02-081925	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	4.800	AB	0	0	ug/L
Q2903-09	DUP-02-081925	WATER	Benzophenone	*	2.700	J	0	0	ug/L
Q2903-09	DUP-02-081925	WATER	Butane, 2-methoxy-2-methyl-	*	110.000	J	0	0	ug/L
Q2903-09	DUP-02-081925	WATER	Hexadecanoic acid, 1,1-dimethyle	*	2.800	J	0	0	ug/L
Q2903-09	DUP-02-081925	WATER	1-Methylnaphthalene	*	5.100	J	0.69	5.2	ug/L
			Total Tics :		**125.40**				
			Total Concentration:		**163.10**				
Client ID :	**MW-17A-081925**								
Q2903-10	MW-17A-081925	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	6.000	AB	0	0	ug/L
Q2903-10	MW-17A-081925	WATER	Butane, 2-methoxy-2-methyl-	*	120.000	J	0	0	ug/L
Q2903-10	MW-17A-081925	WATER	Hexadecanoic acid, butyl ester	*	2.700	J	0	0	ug/L
Q2903-10	MW-17A-081925	WATER	n-Hexadecanoic acid	*	3.100	J	0	0	ug/L
			Total Tics :		**131.80**				
			Total Concentration:		**131.80**				
Client ID :	**MW-18A-081925**								
Q2903-11	MW-18A-081925	WATER	Phenol		6.900	J	1.9	10.5	ug/L
Q2903-11	MW-18A-081925	WATER	Naphthalene		100.000		1.1	10.5	ug/L
Q2903-11	MW-18A-081925	WATER	2-Methylnaphthalene		11.200		1.2	10.5	ug/L
Q2903-11	MW-18A-081925	WATER	Acenaphthene		4.900	J	1.2	10.5	ug/L
Q2903-11	MW-18A-081925	WATER	Carbazole		7.100	J	1.5	10.5	ug/L
			Total Svoc :		**130.10**				
Q2903-11	MW-18A-081925	WATER	(+)-2-Bornanone	*	14.500	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	.alpha.-Hydroxyisobutyric acid, ac	*	5.100	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	3,6-Acridinediamine, 2,7-dimethy	*	8.200	J	0	0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2903

Client: AECOM

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Q2903-11	MW-18A-081925	WATER	3-Methylphenylacetylene	*	5.900	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	Benzene, 1,3-dimethyl-	*	6.200	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	Benzene, 1-propenyl-	*	5.300	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	Butane, 2-methoxy-2-methyl-	*	120.000	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	Butanoic acid, 3-methyl-	*	6.700	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	Phenol, 4,4-(1-methylethylidene)b	*	16.500	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	unknown20.566	*	4.800	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	unknown21.071	*	12.900	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	cis-7-Hexadecenoic acid	*	9.700	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	Dehydroabietic acid	*	74.700	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	Fenchone	*	4.800	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	Hexanoic acid, 2-ethyl-	*	5.100	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	Isopimaric acid	*	6.500	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	n-Hexadecanoic acid	*	14.200	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	Octadecanoic acid	*	5.000	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	1-Methylnaphthalene	*	11.800	J	1.4	10.5	ug/L
			Total Tics :		**337.90**				
			Total Concentration:		**468.00**				
Client ID :	**MW-16B-081925**								
Q2903-12	MW-16B-081925	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	5.500	AB	0	0	ug/L
Q2903-12	MW-16B-081925	WATER	Benzophenone	*	2.300	J	0	0	ug/L
Q2903-12	MW-16B-081925	WATER	Butane, 2-methoxy-2-methyl-	*	110.000	J	0	0	ug/L
Q2903-12	MW-16B-081925	WATER	Hexadecanoic acid, 1,1-dimethyle	*	3.300	J	0	0	ug/L
Q2903-12	MW-16B-081925	WATER	n-Hexadecanoic acid	*	2.300	J	0	0	ug/L
			Total Tics :		**123.40**				
			Total Concentration:		**123.40**				



QC SUMMARY

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

SW-846

SDG No.: Q2903

Client: AECOM

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169330BL	PB169330BL	2-Fluorophenol	150	122	81		23	138
		Phenol-d6	150	123	82		10	134
		Nitrobenzene-d5	100	89.5	90		67	132
		2-Fluorobiphenyl	100	86.1	86		52	132
		2,4,6-Tribromophenol	150	135	90		44	137
		Terphenyl-d14	100	91.3	91		42	152
PB169330BS	PB169330BS	2-Fluorophenol	150	119	79		23	138
		Phenol-d6	150	120	80		10	134
		Nitrobenzene-d5	100	86.9	87		67	132
		2-Fluorobiphenyl	100	83.7	84		52	132
		2,4,6-Tribromophenol	150	132	88		44	137
		Terphenyl-d14	100	93.7	94		42	152
Q2903-01	MW-6A-081925	2-Fluorophenol	150	70.6	47		23	138
		Phenol-d6	150	48.6	32		10	134
		Nitrobenzene-d5	100	98.5	99		67	132
		2-Fluorobiphenyl	100	85.8	86		52	132
		2,4,6-Tribromophenol	150	170	114		44	137
		Terphenyl-d14	100	108	108		42	152
Q2903-02	MW-1C-081925	2-Fluorophenol	150	62.3	42		23	138
		Phenol-d6	150	41.7	28		10	134
		Nitrobenzene-d5	100	95.3	95		67	132
		2-Fluorobiphenyl	100	81.1	81		52	132
		2,4,6-Tribromophenol	150	159	106		44	137
		Terphenyl-d14	100	101	101		42	152
Q2903-03	MW-6B-081925	2-Fluorophenol	150	64.4	43		23	138
		Phenol-d6	150	41.7	28		10	134
		Nitrobenzene-d5	100	90.9	91		67	132
		2-Fluorobiphenyl	100	80.8	81		52	132
		2,4,6-Tribromophenol	150	158	105		44	137
		Terphenyl-d14	100	108	108		42	152
Q2903-04	MW-1B-081925	2-Fluorophenol	150	71.7	48		23	138
		Phenol-d6	150	48.9	33		10	134
		Nitrobenzene-d5	100	97.5	98		67	132
		2-Fluorobiphenyl	100	83.8	84		52	132
		2,4,6-Tribromophenol	150	163	109		44	137
		Terphenyl-d14	100	98.7	99		42	152
Q2903-05MS	MW-6B-081925MS	2-Fluorophenol	150	67.0	45		23	138
		Phenol-d6	150	44.9	30		10	134
		Nitrobenzene-d5	100	95.2	95		67	132
		2-Fluorobiphenyl	100	88.1	88		52	132
		2,4,6-Tribromophenol	150	149	99		44	137
		Terphenyl-d14	100	97.5	98		42	152
Q2903-06MSD	MW-6B-081925MSD	2-Fluorophenol	150	67.3	45		23	138
		Phenol-d6	150	45.3	30		10	134
		Nitrobenzene-d5	100	95.7	96		67	132
		2-Fluorobiphenyl	100	85.9	86		52	132
		2,4,6-Tribromophenol	150	144	96		44	137
		Terphenyl-d14	100	96.1	96		42	152
Q2903-07	MW-12B-081925	2-Fluorophenol	150	71.5	48		23	138
		Phenol-d6	150	49.7	33		10	134
		Nitrobenzene-d5	100	93.2	93		67	132

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Surrogate Summary

SW-846

SDG No.: Q2903

Client: AECOM

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2903-07	MW-12B-081925	2-Fluorobiphenyl	100	78.4	78		52	132
		2,4,6-Tribromophenol	150	154	103		44	137
		Terphenyl-d14	100	92.6	93		42	152
Q2903-08	MW-18B-081925	2-Fluorophenol	150	61.2	41		23	138
		Phenol-d6	150	47.5	32		10	134
		Nitrobenzene-d5	100	94.7	95		67	132
		2-Fluorobiphenyl	100	83.6	84		52	132
		2,4,6-Tribromophenol	150	134	89		44	137
		Terphenyl-d14	100	101	101		42	152
Q2903-09	DUP-02-081925	2-Fluorophenol	150	69.6	46		23	138
		Phenol-d6	150	55.3	37		10	134
		Nitrobenzene-d5	100	96.4	96		67	132
		2-Fluorobiphenyl	100	83.1	83		52	132
		2,4,6-Tribromophenol	150	136	90		44	137
		Terphenyl-d14	100	106	106		42	152
Q2903-10	MW-17A-081925	2-Fluorophenol	150	65.3	44		23	138
		Phenol-d6	150	42.2	28		10	134
		Nitrobenzene-d5	100	101	101		67	132
		2-Fluorobiphenyl	100	86.4	86		52	132
		2,4,6-Tribromophenol	150	146	97		44	137
		Terphenyl-d14	100	96.6	97		42	152
Q2903-11	MW-18A-081925	2-Fluorophenol	150	70.4	47		23	138
		Phenol-d6	150	43.1	29		10	134
		Nitrobenzene-d5	100	88.9	89		67	132
		2-Fluorobiphenyl	100	82.5	83		52	132
		2,4,6-Tribromophenol	150	141	94		44	137
		Terphenyl-d14	100	84.7	85		42	152
Q2903-12	MW-16B-081925	2-Fluorophenol	150	73.9	49		23	138
		Phenol-d6	150	56.2	37		10	134
		Nitrobenzene-d5	100	99.4	99		67	132
		2-Fluorobiphenyl	100	84.4	84		52	132
		2,4,6-Tribromophenol	150	143	96		44	137
		Terphenyl-d14	100	98.9	99		42	152

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2903 **Analytical Method:** SW8270E

Client: AECOM **DataFile:** BF143570.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: Q2903-05MS		**Client Sample ID: MW-6B-081925MS**									
Benzaldehyde	53.2	0	24.8	ug/L	47				10	137	
Phenol	53.2	0	17.8	ug/L	33				10	130	
bis(2-Chloroethyl)ether	53.2	0	41.5	ug/L	78				29	141	
2-Chlorophenol	53.2	0	37.2	ug/L	70				23	127	
2-Methylphenol	53.2	0	35.3	ug/L	66				60	131	
2,2-oxybis(1-Chloropropane)	53.2	0	38.4	ug/L	72				36	141	
Acetophenone	53.2	0	47.9	ug/L	90				31	164	
3+4-Methylphenols	53.2	0	33.1	ug/L	62				54	136	
N-Nitroso-di-n-propylamine	53.2	0	52.0	ug/L	98				36	147	
Hexachloroethane	53.2	0	20.0	ug/L	38				19	146	
Nitrobenzene	53.2	0	44.2	ug/L	83				62	112	
Isophorone	53.2	0	51.1	ug/L	96				39	146	
2-Nitrophenol	53.2	0	46.3	ug/L	87				30	148	
2,4-Dimethylphenol	53.2	0	43.5	ug/L	82				17	143	
bis(2-Chloroethoxy)methane	53.2	0	48.1	ug/L	90				39	143	
2,4-Dichlorophenol	53.2	0	45.1	ug/L	85				22	146	
Naphthalene	53.2	0	35.4	ug/L	67				17	157	
4-Chloroaniline	53.2	0	25.2	ug/L	47				10	95	
Hexachlorobutadiene	53.2	0	26.7	ug/L	50	*			52	125	
Caprolactam	53.2	0	13.3	ug/L	25				10	130	
4-Chloro-3-methylphenol	53.2	0	49.0	ug/L	92				17	148	
2-Methylnaphthalene	53.2	0	38.8	ug/L	73				38	146	
Hexachlorocyclopentadiene	110	0	81.1	ug/L	74				20	153	
2,4,6-Trichlorophenol	53.2	0	49.8	ug/L	94				78	112	
2,4,5-Trichlorophenol	53.2	0	48.9	ug/L	92				71	111	
1,1-Biphenyl	53.2	0	45.4	ug/L	85				38	154	
2-Chloronaphthalene	53.2	0	43.8	ug/L	82				41	145	
2-Nitroaniline	53.2	0	54.6	ug/L	103				39	151	
Dimethylphthalate	53.2	0	56.2	ug/L	106				42	147	
Acenaphthylene	53.2	0	52.3	ug/L	98				40	141	
2,6-Dinitrotoluene	53.2	0	57.7	ug/L	108				43	148	
3-Nitroaniline	53.2	0	31.6	ug/L	59				10	111	
Acenaphthene	53.2	0	52.3	ug/L	98				37	146	
2,4-Dinitrophenol	110	0	98.1	ug/L	89				14	167	
4-Nitrophenol	110	0	43.9	ug/L	40				10	130	
Dibenzofuran	53.2	0	48.9	ug/L	92				41	145	
2,4-Dinitrotoluene	53.2	0	58.9	ug/L	111				74	137	
Diethylphthalate	53.2	0	60.5	ug/L	114				41	148	
4-Chlorophenyl-phenylether	53.2	0	51.1	ug/L	96				38	149	
Fluorene	53.2	0	50.9	ug/L	96				39	144	
4-Nitroaniline	53.2	0	55.4	ug/L	104				27	138	
4,6-Dinitro-2-methylphenol	53.2	0	52.9	ug/L	99				32	175	
N-Nitrosodiphenylamine	53.2	0	49.4	ug/L	93				40	150	
4-Bromophenyl-phenylether	53.2	0	50.2	ug/L	94				42	151	
Hexachlorobenzene	53.2	0	49.8	ug/L	94				72	115	
Atrazine	53.2	0	63.3	ug/L	119				20	162	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2903 **Analytical Method:** SW8270E

Client: AECOM **DataFile:** BF143570.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				52	162	
Phenanthrene	53.2	0	48.6	ug/L	91				40	147	
Anthracene	53.2	0	49.0	ug/L	92				41	146	
Carbazole	53.2	0	49.9	ug/L	94				37	154	
Di-n-butylphthalate	53.2	0	71.5	ug/L	134				40	151	
Fluoranthene	53.2	0	50.5	ug/L	95				42	146	
Pyrene	53.2	0	49.0	ug/L	92				41	149	
Butylbenzylphthalate	53.2	0	74.7	ug/L	140				39	155	
3,3-Dichlorobenzidine	53.2	0	30.0	ug/L	56				10	114	
Benzo(a)anthracene	53.2	0	51.1	ug/L	96				41	147	
Chrysene	53.2	0	49.8	ug/L	94				44	144	
bis(2-Ethylhexyl)phthalate	53.2	0	69.0	ug/L	130				33	160	
Di-n-octyl phthalate	53.2	0	54.2	ug/L	102				36	158	
Benzo(b)fluoranthene	53.2	0	58.2	ug/L	109				40	150	
Benzo(k)fluoranthene	53.2	0	48.0	ug/L	90				40	147	
Benzo(a)pyrene	53.2	0	53.6	ug/L	101				42	147	
Indeno(1,2,3-cd)pyrene	53.2	0	47.4	ug/L	89				30	166	
Dibenz(a,h)anthracene	53.2	0	48.5	ug/L	91				23	172	
Benzo(g,h,i)perylene	53.2	0	45.2	ug/L	85				27	167	
1,2,4,5-Tetrachlorobenzene	53.2	0	41.5	ug/L	78	*			89	102	
1,4-Dioxane	53.2	0	20.0	ug/L	38				38	130	
2,3,4,6-Tetrachlorophenol	53.2	0	56.9	ug/L	107				91	111	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2903 **Analytical Method:** SW8270E

Client: AECOM **DataFile:** BF143571.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2903-06MSD		**Client Sample ID: MW-6B-081925MSD**									
Benzaldehyde	53.2	0	25.2	ug/L	47		0		10	137	20
Phenol	53.2	0	17.8	ug/L	33		0		10	130	20
bis(2-Chloroethyl)ether	53.2	0	42.3	ug/L	80		3		29	141	20
2-Chlorophenol	53.2	0	37.1	ug/L	70		0		23	127	20
2-Methylphenol	53.2	0	35.5	ug/L	67		2		60	131	20
2,2-oxybis(1-Chloropropane)	53.2	0	38.5	ug/L	72		0		36	141	20
Acetophenone	53.2	0	46.8	ug/L	88		2		31	164	20
3+4-Methylphenols	53.2	0	33.9	ug/L	64		3		54	136	20
N-Nitroso-di-n-propylamine	53.2	0	52.6	ug/L	99		1		36	147	20
Hexachloroethane	53.2	0	20.1	ug/L	38		0		19	146	20
Nitrobenzene	53.2	0	44.0	ug/L	83		0		62	112	20
Isophorone	53.2	0	51.1	ug/L	96		0		39	146	20
2-Nitrophenol	53.2	0	47.3	ug/L	89		2		30	148	20
2,4-Dimethylphenol	53.2	0	44.1	ug/L	83		1		17	143	20
bis(2-Chloroethoxy)methane	53.2	0	47.6	ug/L	89		1		39	143	20
2,4-Dichlorophenol	53.2	0	45.2	ug/L	85		0		22	146	20
Naphthalene	53.2	0	35.2	ug/L	66		2		17	157	20
4-Chloroaniline	53.2	0	25.1	ug/L	47		0		10	95	20
Hexachlorobutadiene	53.2	0	26.1	ug/L	49	*	2		52	125	20
Caprolactam	53.2	0	13.1	ug/L	25		0		10	130	20
4-Chloro-3-methylphenol	53.2	0	49.9	ug/L	94		2		17	148	20
2-Methylnaphthalene	53.2	0	38.8	ug/L	73		0		38	146	20
Hexachlorocyclopentadiene	110	0	80.6	ug/L	73		1		20	153	20
2,4,6-Trichlorophenol	53.2	0	48.8	ug/L	92		2		78	112	20
2,4,5-Trichlorophenol	53.2	0	47.4	ug/L	89		3		71	111	20
1,1-Biphenyl	53.2	0	44.5	ug/L	84		1		38	154	20
2-Chloronaphthalene	53.2	0	42.9	ug/L	81		1		41	145	20
2-Nitroaniline	53.2	0	53.3	ug/L	100		3		39	151	20
Dimethylphthalate	53.2	0	55.1	ug/L	104		2		42	147	20
Acenaphthylene	53.2	0	51.0	ug/L	96		2		40	141	20
2,6-Dinitrotoluene	53.2	0	56.5	ug/L	106		2		43	148	20
3-Nitroaniline	53.2	0	30.6	ug/L	58		2		10	111	20
Acenaphthene	53.2	0	51.2	ug/L	96		2		37	146	20
2,4-Dinitrophenol	110	0	96.2	ug/L	87		2		14	167	20
4-Nitrophenol	110	0	42.6	ug/L	39		3		10	130	20
Dibenzofuran	53.2	0	47.6	ug/L	89		3		41	145	20
2,4-Dinitrotoluene	53.2	0	57.2	ug/L	108		3		74	137	20
Diethylphthalate	53.2	0	58.6	ug/L	110		4		41	148	20
4-Chlorophenyl-phenylether	53.2	0	49.6	ug/L	93		3		38	149	20
Fluorene	53.2	0	49.3	ug/L	93		3		39	144	20
4-Nitroaniline	53.2	0	53.0	ug/L	100		4		27	138	20
4,6-Dinitro-2-methylphenol	53.2	0	53.8	ug/L	101		2		32	175	20
N-Nitrosodiphenylamine	53.2	0	50.3	ug/L	95		2		40	150	20
4-Bromophenyl-phenylether	53.2	0	51.2	ug/L	96		2		42	151	20
Hexachlorobenzene	53.2	0	50.4	ug/L	95		1		72	115	20
Atrazine	53.2	0	63.3	ug/L	119		0		20	162	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2903 **Analytical Method:** SW8270E

Client: AECOM **DataFile:** BF143571.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		0		52	162	20
Phenanthrene	53.2	0	48.5	ug/L	91		0		40	147	20
Anthracene	53.2	0	49.6	ug/L	93		1		41	146	20
Carbazole	53.2	0	49.4	ug/L	93		1		37	154	20
Di-n-butylphthalate	53.2	0	71.0	ug/L	133		1		40	151	20
Fluoranthene	53.2	0	49.7	ug/L	93		2		42	146	20
Pyrene	53.2	0	47.8	ug/L	90		2		41	149	20
Butylbenzylphthalate	53.2	0	73.5	ug/L	138		1		39	155	20
3,3-Dichlorobenzidine	53.2	0	31.8	ug/L	60		7		10	114	20
Benzo(a)anthracene	53.2	0	51.7	ug/L	97		1		41	147	20
Chrysene	53.2	0	49.2	ug/L	92		2		44	144	20
bis(2-Ethylhexyl)phthalate	53.2	0	67.8	ug/L	127		2		33	160	20
Di-n-octyl phthalate	53.2	0	54.5	ug/L	102		0		36	158	20
Benzo(b)fluoranthene	53.2	0	52.1	ug/L	98		11		40	150	20
Benzo(k)fluoranthene	53.2	0	54.4	ug/L	102		13		40	147	20
Benzo(a)pyrene	53.2	0	53.7	ug/L	101		0		42	147	20
Indeno(1,2,3-cd)pyrene	53.2	0	45.3	ug/L	85		5		30	166	20
Dibenz(a,h)anthracene	53.2	0	46.0	ug/L	86		6		23	172	20
Benzo(g,h,i)perylene	53.2	0	42.2	ug/L	79		7		27	167	20
1,2,4,5-Tetrachlorobenzene	53.2	0	40.2	ug/L	76	*	3		89	102	20
1,4-Dioxane	53.2	0	19.8	ug/L	37	*	3		38	130	20
2,3,4,6-Tetrachlorophenol	53.2	0	55.2	ug/L	104		3		91	111	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2903 **Analytical Method:** 8270E

Client: AECOM **DataFile:** BF143565.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169330BS	Benzaldehyde	50	24.7	ug/L	49				10	162	
	Phenol	50	41.8	ug/L	84				66	118	
	bis(2-Chloroethyl)ether	50	41.9	ug/L	84				62	103	
	2-Chlorophenol	50	42.8	ug/L	86				70	117	
	2-Methylphenol	50	44.2	ug/L	88				69	109	
	2,2-oxybis(1-Chloropropane)	50	41.1	ug/L	82				65	100	
	Acetophenone	50	45.6	ug/L	91				60	104	
	3+4-Methylphenols	50	45.0	ug/L	90				67	106	
	N-Nitroso-di-n-propylamine	50	46.2	ug/L	92				57	107	
	Hexachloroethane	50	44.8	ug/L	90				76	118	
	Nitrobenzene	50	44.5	ug/L	89				58	106	
	Isophorone	50	45.2	ug/L	90				61	102	
	2-Nitrophenol	50	45.0	ug/L	90				70	115	
	2,4-Dimethylphenol	50	46.3	ug/L	93				42	142	
	bis(2-Chloroethoxy)methane	50	43.2	ug/L	86				58	109	
	2,4-Dichlorophenol	50	43.0	ug/L	86				66	115	
	Naphthalene	50	42.2	ug/L	84				64	107	
	4-Chloroaniline	50	22.0	ug/L	44				10	85	
	Hexachlorobutadiene	50	44.8	ug/L	90				69	101	
	Caprolactam	50	55.1	ug/L	110				58	128	
	4-Chloro-3-methylphenol	50	46.1	ug/L	92				65	114	
	2-Methylnaphthalene	50	39.3	ug/L	79				64	107	
	Hexachlorocyclopentadiene	100	110	ug/L	110				36	160	
	2,4,6-Trichlorophenol	50	42.8	ug/L	86				61	110	
	2,4,5-Trichlorophenol	50	41.5	ug/L	83				70	106	
	1,1-Biphenyl	50	42.8	ug/L	86				72	98	
	2-Chloronaphthalene	50	41.6	ug/L	83				59	106	
	2-Nitroaniline	50	45.9	ug/L	92				73	114	
	Dimethylphthalate	50	47.0	ug/L	94				64	103	
	Acenaphthylene	50	47.1	ug/L	94				79	103	
	2,6-Dinitrotoluene	50	49.0	ug/L	98				64	110	
	3-Nitroaniline	50	30.8	ug/L	62				28	100	
	Acenaphthene	50	45.6	ug/L	91				59	113	
	2,4-Dinitrophenol	100	77.2	ug/L	77				36	166	
	4-Nitrophenol	100	97.6	ug/L	98				45	147	
	Dibenzofuran	50	43.2	ug/L	86				65	106	
	2,4-Dinitrotoluene	50	49.0	ug/L	98				60	115	
	Diethylphthalate	50	49.5	ug/L	99				63	105	
	4-Chlorophenyl-phenylether	50	43.2	ug/L	86				61	104	
	Fluorene	50	44.2	ug/L	88				64	107	
	4-Nitroaniline	50	49.3	ug/L	99				55	125	
	4,6-Dinitro-2-methylphenol	50	45.2	ug/L	90				62	132	
	N-Nitrosodiphenylamine	50	43.7	ug/L	87				61	109	
	4-Bromophenyl-phenylether	50	42.8	ug/L	86				73	103	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2903 **Analytical Method:** 8270E

Client: AECOM **DataFile:** BF143565.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169330BS	Hexachlorobenzene	50	44.0	ug/L	88				73	106	
	Atrazine	50	56.1	ug/L	112				76	120	
	Pentachlorophenol	100	92.1	ug/L	92				47	114	
	Phenanthrene	50	43.4	ug/L	87				62	109	
	Anthracene	50	44.4	ug/L	89				65	110	
	Carbazole	50	46.3	ug/L	93				62	106	
	Di-n-butylphthalate	50	58.1	ug/L	116		*		64	106	
	Fluoranthene	50	47.2	ug/L	94				64	110	
	Pyrene	50	45.4	ug/L	91				71	103	
	Butylbenzylphthalate	50	55.5	ug/L	111		*		61	105	
	3,3-Dichlorobenzidine	50	28.9	ug/L	58				43	108	
	Benzo(a)anthracene	50	45.9	ug/L	92				62	107	
	Chrysene	50	43.9	ug/L	88				61	108	
	bis(2-Ethylhexyl)phthalate	50	43.0	ug/L	86				59	110	
	Di-n-octyl phthalate	50	39.4	ug/L	79				52	139	
	Benzo(b)fluoranthene	50	45.6	ug/L	91				77	113	
	Benzo(k)fluoranthene	50	47.2	ug/L	94				77	105	
	Benzo(a)pyrene	50	47.6	ug/L	95				72	131	
	Indeno(1,2,3-cd)pyrene	50	44.9	ug/L	90				72	105	
	Dibenz(a,h)anthracene	50	45.5	ug/L	91				78	115	
	Benzo(g,h,i)perylene	50	46.1	ug/L	92				75	118	
	1,2,4,5-Tetrachlorobenzene	50	41.5	ug/L	83				72	101	
	1,4-Dioxane	50	36.3	ug/L	73				38	125	
	2,3,4,6-Tetrachlorophenol	50	48.0	ug/L	96				63	116	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169330BL

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q2903

Lab File ID: BF143564.D | Lab Sample ID: PB169330BL

Instrument ID: BNA_F | Date Extracted: 08/21/2025

Matrix: (soil/water) Water | Date Analyzed: 08/22/2025

Level: (low/med) LOW | Time Analyzed: 10:58

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169330BS	PB169330BS	BF143565.D	08/22/2025
MW-6A-081925	Q2903-01	BF143566.D	08/22/2025
MW-1C-081925	Q2903-02	BF143567.D	08/22/2025
MW-6B-081925	Q2903-03	BF143568.D	08/22/2025
MW-1B-081925	Q2903-04	BF143569.D	08/22/2025
MW-6B-081925MS	Q2903-05MS	BF143570.D	08/22/2025
MW-6B-081925MSD	Q2903-06MSD	BF143571.D	08/22/2025
MW-12B-081925	Q2903-07	BF143572.D	08/22/2025
MW-18B-081925	Q2903-08	BF143573.D	08/22/2025
DUP-02-081925	Q2903-09	BF143574.D	08/22/2025
MW-17A-081925	Q2903-10	BF143575.D	08/22/2025
MW-16B-081925	Q2903-12	BF143576.D	08/22/2025
MW-18A-081925	Q2903-11	BP025549.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.: Q2903

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

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: AECO02

Lab Code: ACE — SDG NO.: Q2903

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
PB169330BL	PB169330BL	BF143564.D	08/22/2025	10:58
PB169330BS	PB169330BS	BF143565.D	08/22/2025	11:27
MW-6A-081925	Q2903-01	BF143566.D	08/22/2025	12:02
MW-1C-081925	Q2903-02	BF143567.D	08/22/2025	12:31
MW-6B-081925	Q2903-03	BF143568.D	08/22/2025	13:00
MW-1B-081925	Q2903-04	BF143569.D	08/22/2025	13:29
MW-6B-081925MS	Q2903-05MS	BF143570.D	08/22/2025	13:58
MW-6B-081925MSD	Q2903-06MSD	BF143571.D	08/22/2025	14:27
MW-12B-081925	Q2903-07	BF143572.D	08/22/2025	14:56
MW-18B-081925	Q2903-08	BF143573.D	08/22/2025	15:25
DUP-02-081925	Q2903-09	BF143574.D	08/22/2025	15:54
MW-17A-081925	Q2903-10	BF143575.D	08/22/2025	16:24
MW-16B-081925	Q2903-12	BF143576.D	08/22/2025	16:53

Raw Data: **BP025390.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2903

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.: Q2903

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-18A-081925	Q2903-11	BP025549.D	08/22/2025	14:54

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2903

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	PB169330BL	100068	6.92	390789	8.20	222590	9.96
02	PB169330BS	101018	6.93	389858	8.21	220374	9.97
03	MW-6A-081925	108481	6.92	426866	8.20	257748	9.96
04	MW-1C-081925	120005	6.92	465163	8.20	284812	9.96
05	MW-6B-081925	99679	6.92	401264	8.20	242882	9.96
06	MW-1B-081925	111726	6.92	450143	8.20	273559	9.96
07	MW-6B-081925MS	107400	6.92	425430	8.21	249781	9.97
08	MW-6B-081925MSD	106227	6.92	426928	8.21	255816	9.97
09	MW-12B-081925	104645	6.92	412054	8.20	253705	9.96
10	MW-18B-081925	115011	6.92	460839	8.20	268378	9.96
11	DUP-02-081925	103766	6.92	414035	8.20	247803	9.96
12	MW-17A-081925	91723	6.92	366130	8.20	214850	9.96
13	MW-16B-081925	94313	6.92	372419	8.20	224179	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.: Q2903

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	PB169330BL	383198	11.45	245973	14.10	204292	15.60
02	PB169330BS	354024	11.46	211918	14.10	208497	15.60
03	MW-6A-081925	457617	11.45	250701	14.10	223630	15.59
04	MW-1C-081925	508948	11.45	295318	14.10	244662	15.59
05	MW-6B-081925	443411	11.45	244215	14.10	209082	15.59
06	MW-1B-081925	493633	11.45	289120	14.09	236894	15.59
07	MW-6B-081925MS	414431	11.46	243358	14.10	233140	15.60
08	MW-6B-081925MSD	407531	11.46	240925	14.10	232913	15.60
09	MW-12B-081925	438807	11.45	250826	14.09	225338	15.59
10	MW-18B-081925	418179	11.45	235322	14.09	229304	15.59
11	DUP-02-081925	387247	11.45	209004	14.09	198825	15.59
12	MW-17A-081925	364260	11.45	199085	14.09	192075	15.59
13	MW-16B-081925	393667	11.45	213541	14.09	186593	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.: Q2903

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-18A-081925	142633	7.78	578856	10.55	367275	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.: Q2903

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-18A-081925	749496	17.19	830183	21.65	978534	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.



SAMPLE DATA

Raw Data: **BF143566.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6A-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	890 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
BF143566.D	1	08/21/25 08:50	08/22/25 12:02	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	11.2	U	4.40	11.2	ug/L
108-95-2	Phenol	5.60	U	1.00	5.60	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.60	U	0.91	5.60	ug/L
95-57-8	2-Chlorophenol	5.60	U	0.65	5.60	ug/L
95-48-7	2-Methylphenol	5.60	U	1.30	5.60	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.60	U	1.40	5.60	ug/L
98-86-2	Acetophenone	5.60	U	0.83	5.60	ug/L
65794-96-9	3+4-Methylphenols	11.2	U	1.20	11.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.80	U	1.60	2.80	ug/L
67-72-1	Hexachloroethane	5.60	U	0.73	5.60	ug/L
98-95-3	Nitrobenzene	5.60	U	0.85	5.60	ug/L
78-59-1	Isophorone	5.60	U	0.84	5.60	ug/L
88-75-5	2-Nitrophenol	5.60	U	2.00	5.60	ug/L
105-67-9	2,4-Dimethylphenol	5.60	U	2.10	5.60	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.60	U	0.76	5.60	ug/L
120-83-2	2,4-Dichlorophenol	5.60	U	0.58	5.60	ug/L
91-20-3	Naphthalene	5.60	U	0.56	5.60	ug/L
106-47-8	4-Chloroaniline	5.60	U	0.94	5.60	ug/L
87-68-3	Hexachlorobutadiene	5.60	U	0.61	5.60	ug/L
105-60-2	Caprolactam	11.2	U	1.30	11.2	ug/L
59-50-7	4-Chloro-3-methylphenol	5.60	U	0.66	5.60	ug/L
91-57-6	2-Methylnaphthalene	5.60	U	0.63	5.60	ug/L
77-47-4	Hexachlorocyclopentadiene	11.2	U	4.10	11.2	ug/L
88-06-2	2,4,6-Trichlorophenol	5.60	U	0.57	5.60	ug/L
95-95-4	2,4,5-Trichlorophenol	5.60	U	0.70	5.60	ug/L
92-52-4	1,1-Biphenyl	5.60	U	0.60	5.60	ug/L
91-58-7	2-Chloronaphthalene	5.60	U	0.69	5.60	ug/L
88-74-4	2-Nitroaniline	5.60	U	1.40	5.60	ug/L
131-11-3	Dimethylphthalate	5.60	U	0.69	5.60	ug/L

Raw Data: **BF143566.D**

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Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6A-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	890 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
BF143566.D	1	08/21/25 08:50	08/22/25 12:02	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.60	U	0.84	5.60	ug/L
606-20-2	2,6-Dinitrotoluene	5.60	U	1.00	5.60	ug/L
99-09-2	3-Nitroaniline	5.60	U	1.20	5.60	ug/L
83-32-9	Acenaphthene	5.60	U	0.62	5.60	ug/L
51-28-5	2,4-Dinitrophenol	11.2	U	6.70	11.2	ug/L
100-02-7	4-Nitrophenol	11.2	U	2.70	11.2	ug/L
132-64-9	Dibenzofuran	5.60	U	0.69	5.60	ug/L
121-14-2	2,4-Dinitrotoluene	5.60	U	1.40	5.60	ug/L
84-66-2	Diethylphthalate	5.60	U	0.78	5.60	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.60	U	0.76	5.60	ug/L
86-73-7	Fluorene	5.60	U	0.71	5.60	ug/L
100-01-6	4-Nitroaniline	5.60	U	1.70	5.60	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	11.2	U	3.20	11.2	ug/L
86-30-6	n-Nitrosodiphenylamine	5.60	U	0.65	5.60	ug/L
101-55-3	4-Bromophenyl-phenylether	5.60	U	0.45	5.60	ug/L
118-74-1	Hexachlorobenzene	5.60	U	0.58	5.60	ug/L
1912-24-9	Atrazine	5.60	U	1.10	5.60	ug/L
87-86-5	Pentachlorophenol	11.2	U	1.80	11.2	ug/L
85-01-8	Phenanthrene	5.60	U	0.56	5.60	ug/L
120-12-7	Anthracene	5.60	U	0.69	5.60	ug/L
86-74-8	Carbazole	5.60	U	0.81	5.60	ug/L
84-74-2	Di-n-butylphthalate	5.60	UQ	1.40	5.60	ug/L
206-44-0	Fluoranthene	5.60	U	0.92	5.60	ug/L
129-00-0	Pyrene	5.60	U	0.56	5.60	ug/L
85-68-7	Butylbenzylphthalate	5.60	UQ	2.20	5.60	ug/L
91-94-1	3,3-Dichlorobenzidine	11.2	U	1.00	11.2	ug/L
56-55-3	Benzo(a)anthracene	5.60	U	0.51	5.60	ug/L
218-01-9	Chrysene	5.60	U	0.49	5.60	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.60	U	1.80	5.60	ug/L
117-84-0	Di-n-octyl phthalate	11.2	U	2.60	11.2	ug/L
205-99-2	Benzo(b)fluoranthene	5.60	U	0.55	5.60	ug/L

Raw Data: **BF143566.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6A-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	890 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
BF143566.D	1	08/21/25 08:50	08/22/25 12:02	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.60	U	0.54	5.60	ug/L
50-32-8	Benzo(a)pyrene	5.60	U	0.62	5.60	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.60	U	0.66	5.60	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.60	U	0.75	5.60	ug/L
191-24-2	Benzo(g,h,i)perylene	5.60	U	0.78	5.60	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.60	U	0.58	5.60	ug/L
123-91-1	1,4-Dioxane	5.60	U	1.10	5.60	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.60	U	0.81	5.60	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	70.6		23 - 138	47%	SPK: 150
13127-88-3	Phenol-d6	48.6		10 - 134	32%	SPK: 150
4165-60-0	Nitrobenzene-d5	98.5		67 - 132	99%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.8		52 - 132	86%	SPK: 100
118-79-6	2,4,6-Tribromophenol	170		44 - 137	114%	SPK: 150
1718-51-0	Terphenyl-d14	108		42 - 152	108%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	108000	6.922			
1146-65-2	Naphthalene-d8	427000	8.204			
15067-26-2	Acenaphthene-d10	258000	9.963			
1517-22-2	Phenanthrene-d10	458000	11.451			
1719-03-5	Chrysene-d12	251000	14.098			
1520-96-3	Perylene-d12	224000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J		2.26	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.90	AB		5.16	ug/L
000119-61-9	Benzophenone	2.50	J		10.7	ug/L
000057-10-3	n-Hexadecanoic acid	11.0	J		12.0	ug/L
000506-17-2	cis-Vaccenic acid	2.50	J		12.7	ug/L
000057-11-4	Octadecanoic acid	2.70	J		12.8	ug/L
007683-64-9	Supraene	12.7	J		14.9	ug/L

Raw Data: **BF143566.D**

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6A-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	890 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
BF143566.D	1	08/21/25 08:50	08/22/25 12:02	PB169330

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_F\Data\BF082225\
Data File : BF143566.D
Acq On : 22 Aug 2025 12:02
Operator : RC/JU
Sample : Q2903-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-6A-081925

Quant Time: Aug 22 12:23:59 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

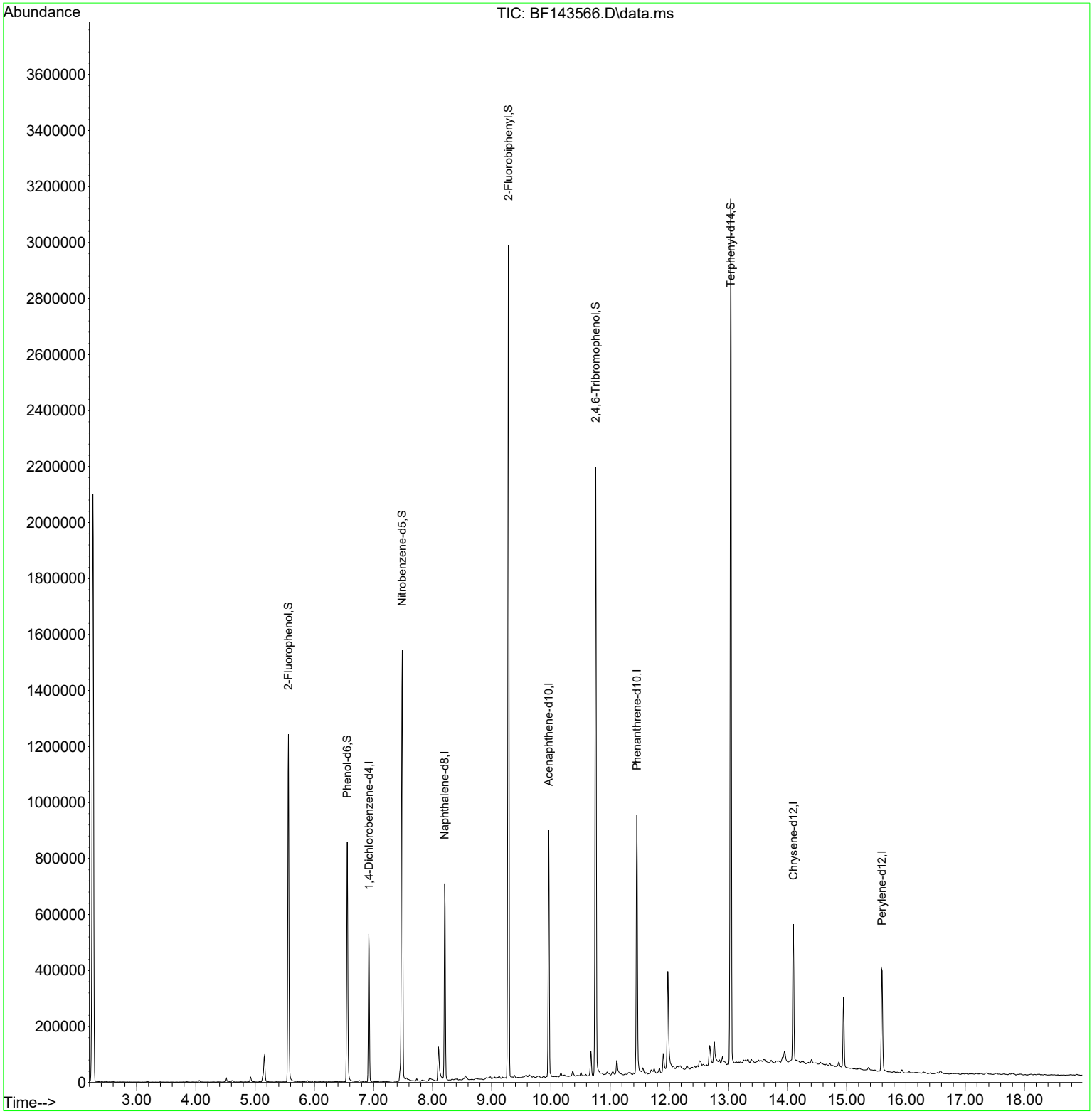
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	108481	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	426866	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	257748	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	457617	20.000	ng	0.00
76) Chrysene-d12	14.098	240	250701	20.000	ng	0.00
86) Perylene-d12	15.592	264	223630	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	438580	70.596	ng	0.00
7) Phenol-d6	6.557	99	372380	48.556	ng	-0.02
23) Nitrobenzene-d5	7.487	82	720621	98.513	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	408642	170.320	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1337994	85.792	ng	0.00
79) Terphenyl-d14	13.039	244	1549381	107.847	ng	0.00
Target Compounds						Qvalue

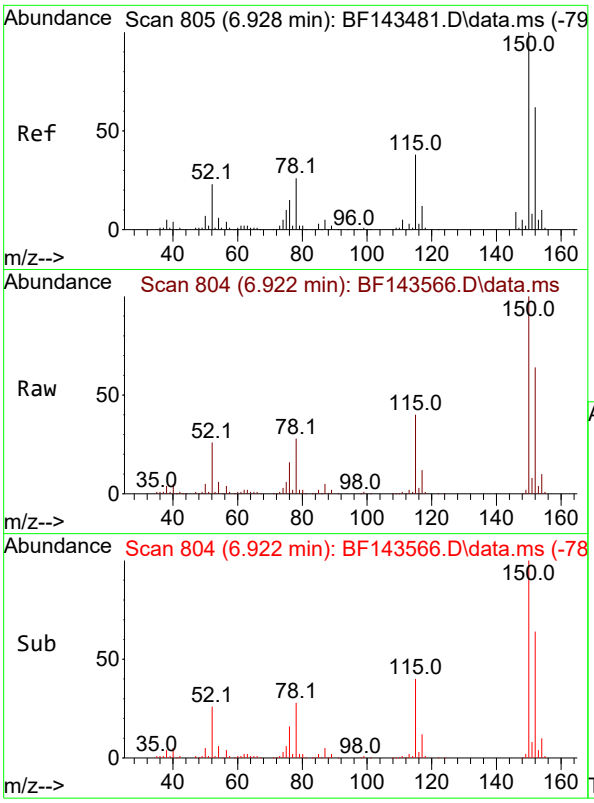
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143566.D
Acq On : 22 Aug 2025 12:02
Operator : RC/JU
Sample : Q2903-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-6A-081925

Quant Time: Aug 22 12:23:59 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



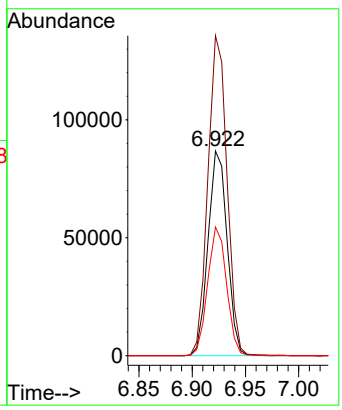


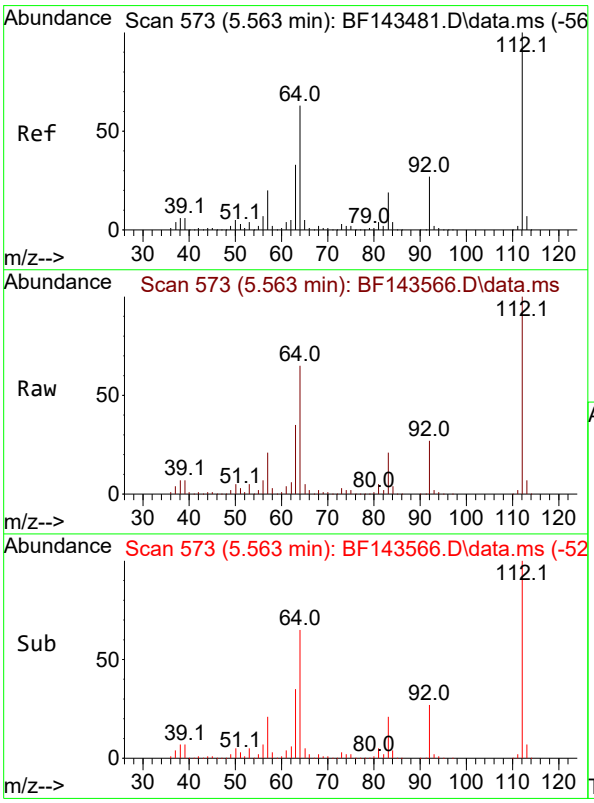
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143566.D
Acq: 22 Aug 2025 12:02

Instrument :
BNA_F
ClientSampleId :
MW-6A-081925

Tgt Ion:152 Resp: 108481

Ion	Ratio	Lower	Upper
152	100		
150	156.4	128.9	193.3
115	62.9	49.2	73.8

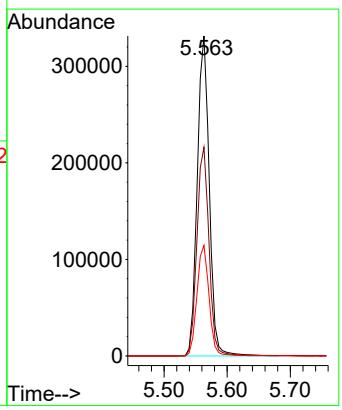


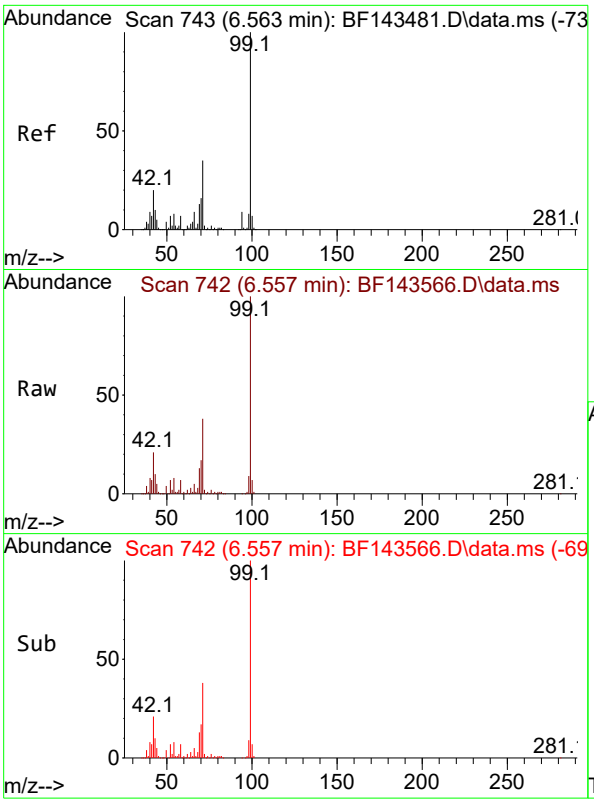


#5
2-Fluorophenol
Concen: 70.596 ng
RT: 5.563 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF143566.D
Acq: 22 Aug 2025 12:02

Tgt Ion:112 Resp: 438580

Ion	Ratio	Lower	Upper
112	100		
64	65.2	50.4	75.6
63	34.5	26.4	39.6



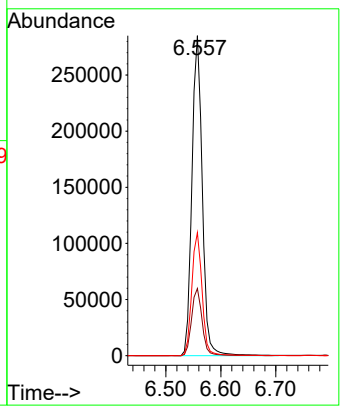


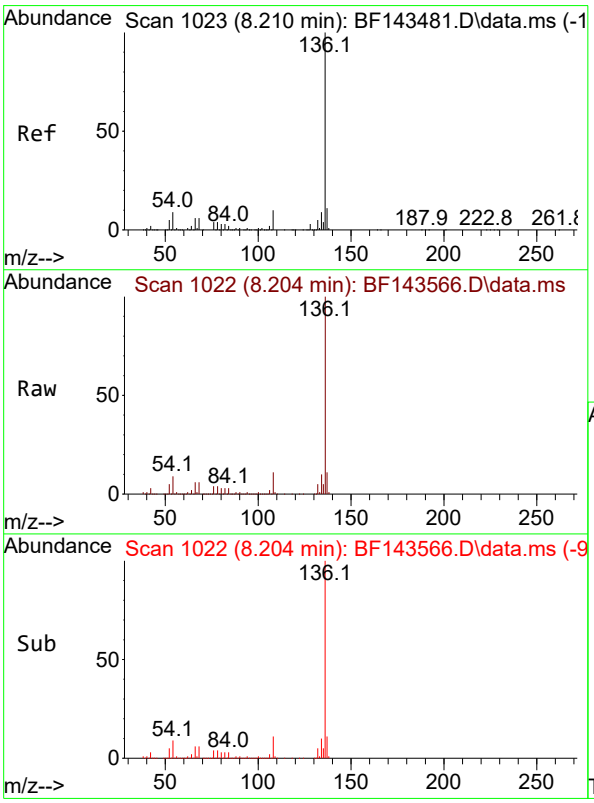
#7
Phenol-d6
Concen: 48.556 ng
RT: 6.557 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143566.D
Acq: 22 Aug 2025 12:02

Instrument :
BNA_F
ClientSampleId :
MW-6A-081925

Tgt Ion: 99 Resp: 372380

Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.3	24.5
71	38.4	28.2	42.2

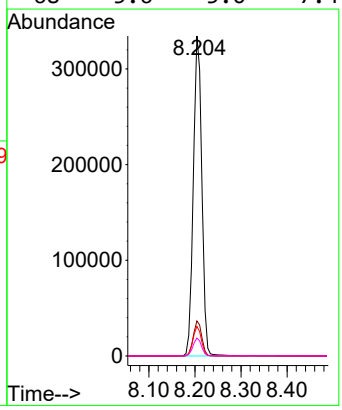


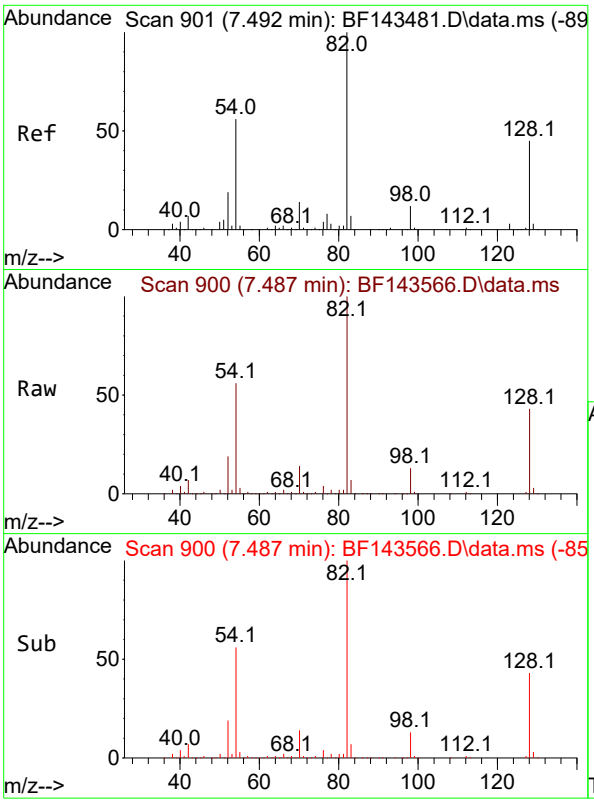


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143566.D
Acq: 22 Aug 2025 12:02

Tgt Ion:136 Resp: 426866

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	9.2	7.4	11.2
68	5.6	5.0	7.4



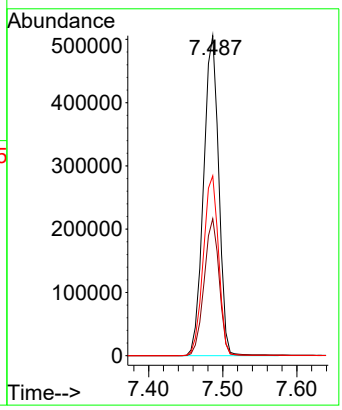


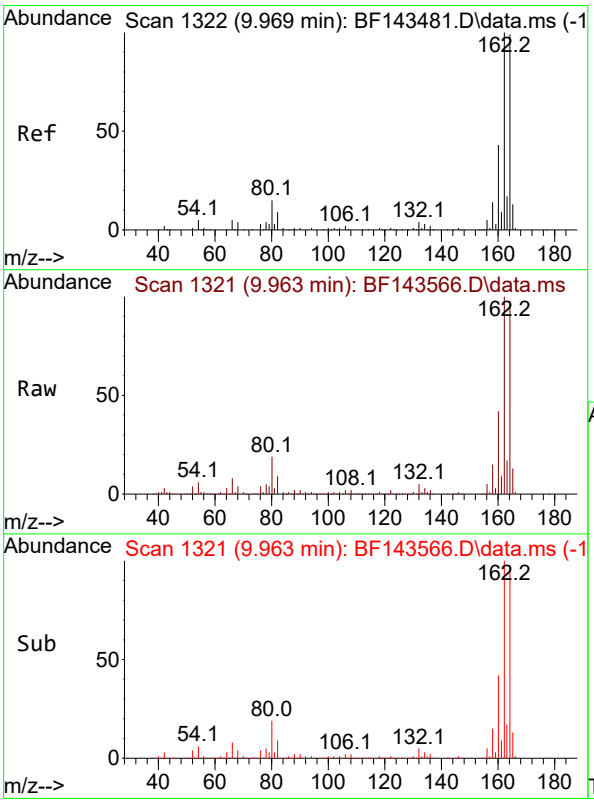
#23
Nitrobenzene-d5
Concen: 98.513 ng
RT: 7.487 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143566.D
Acq: 22 Aug 2025 12:02

Instrument :
BNA_F
ClientSampleId :
MW-6A-081925

Tgt Ion: 82 Resp: 720621

Ion	Ratio	Lower	Upper
82	100		
128	42.8	35.5	53.3
54	56.2	44.3	66.5

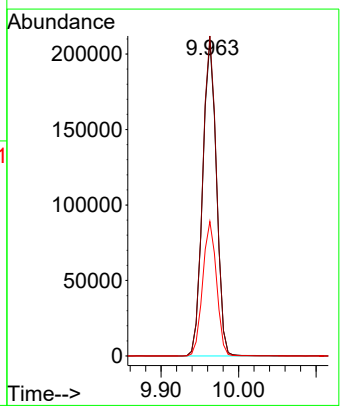


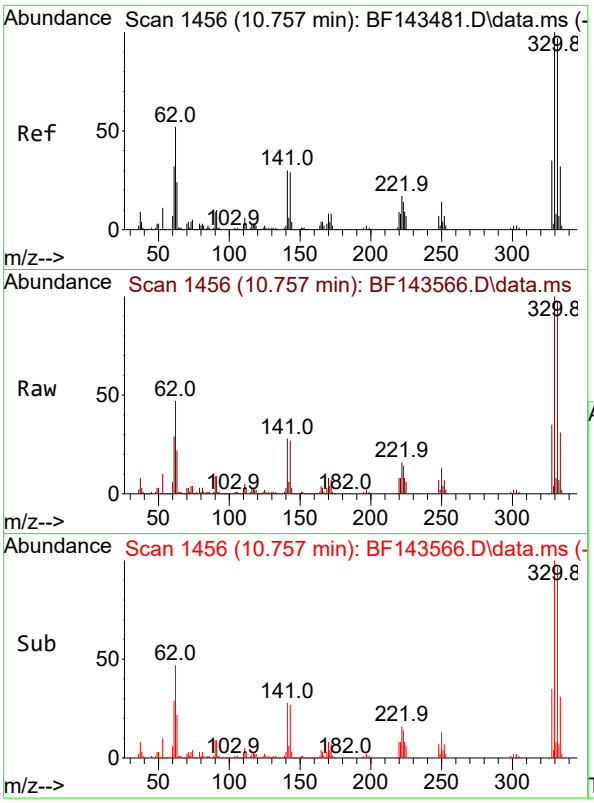


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF143566.D
Acq: 22 Aug 2025 12:02

Tgt Ion:164 Resp: 257748

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.5	120.7
160	42.7	34.3	51.5



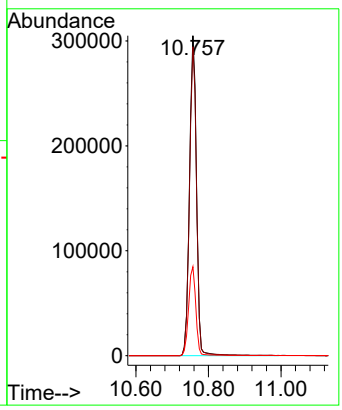


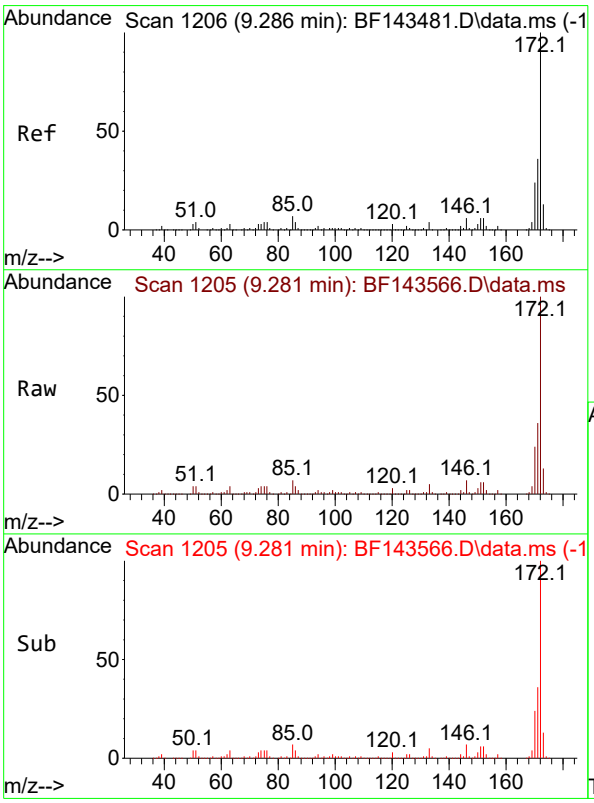
#42
2,4,6-Tribromophenol
Concen: 170.320 ng
RT: 10.757 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143566.D
Acq: 22 Aug 2025 12:02

Instrument :
BNA_F
ClientSampleId :
MW-6A-081925

Tgt Ion:330 Resp: 408642

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.0	117.0
141	28.9	23.7	35.5

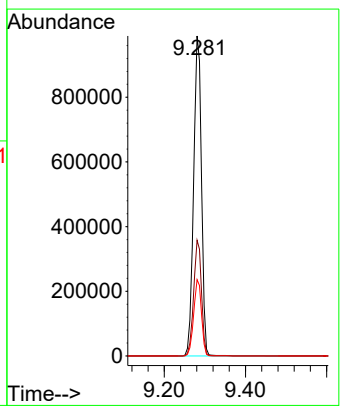


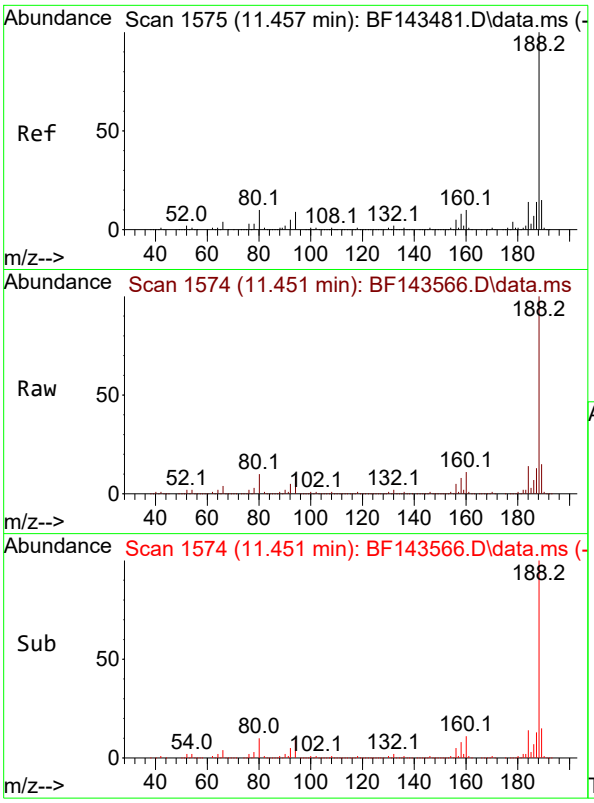


#45
2-Fluorobiphenyl
Concen: 85.792 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143566.D
Acq: 22 Aug 2025 12:02

Tgt Ion:172 Resp: 1337994

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.8	43.2
170	23.9	18.8	28.2



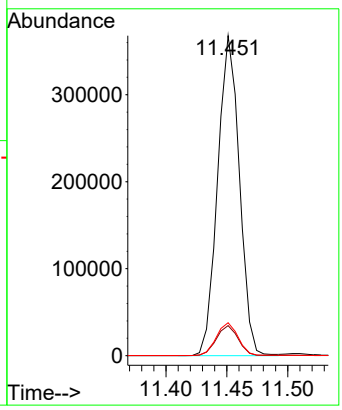


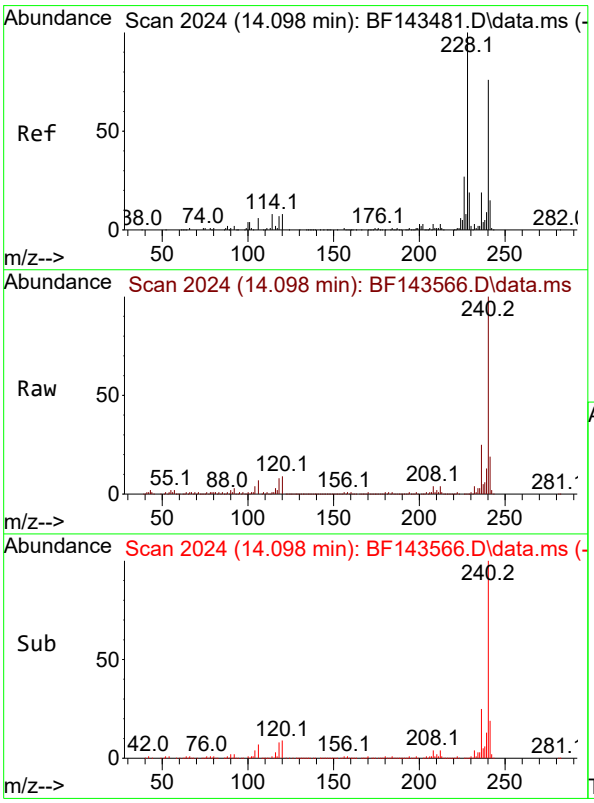
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143566.D
Acq: 22 Aug 2025 12:02

Instrument :
BNA_F
ClientSampleId :
MW-6A-081925

Tgt Ion:188 Resp: 457617

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.4	11.2
80	10.3	8.2	12.4

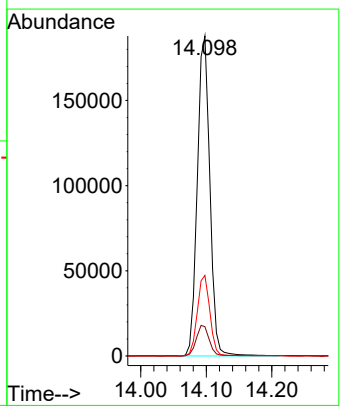


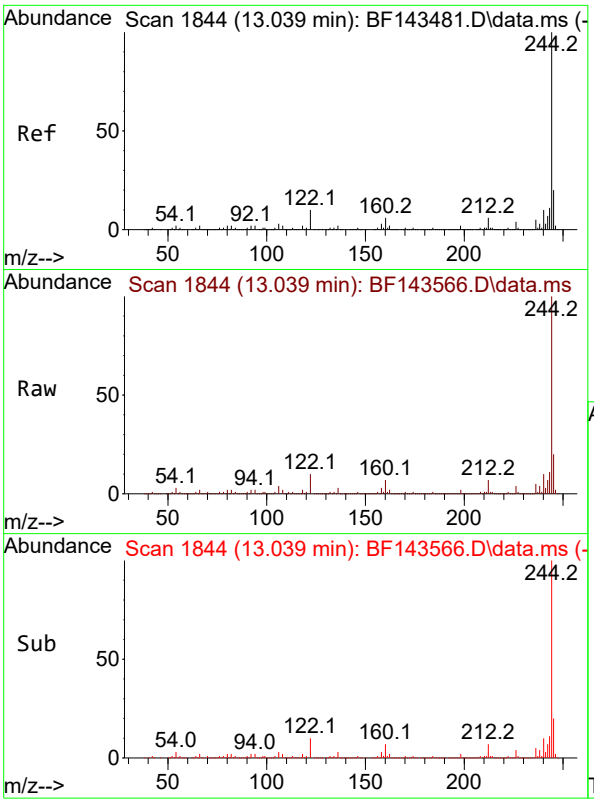


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143566.D
Acq: 22 Aug 2025 12:02

Tgt Ion:240 Resp: 250701

Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.6	12.8
236	25.1	20.4	30.6



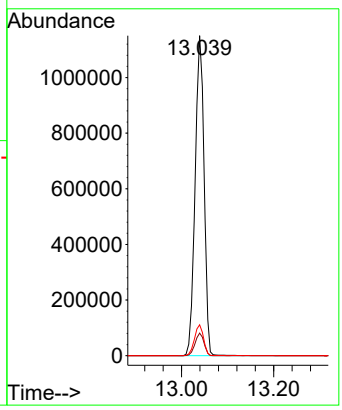


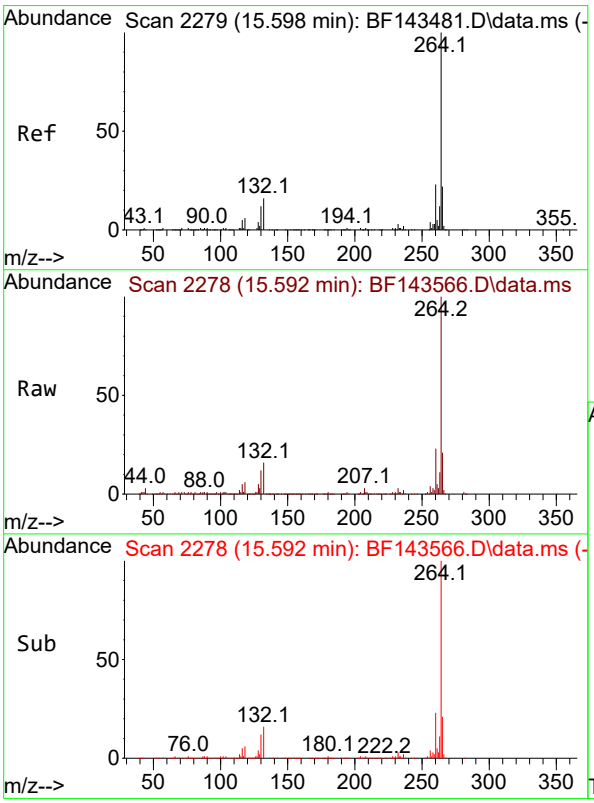
#79
Terphenyl-d14
Concen: 107.847 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143566.D
Acq: 22 Aug 2025 12:02

Instrument :
BNA_F
ClientSampleId :
MW-6A-081925

Tgt Ion:244 Resp: 1549381

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.2	7.8
122	9.7	7.9	11.9

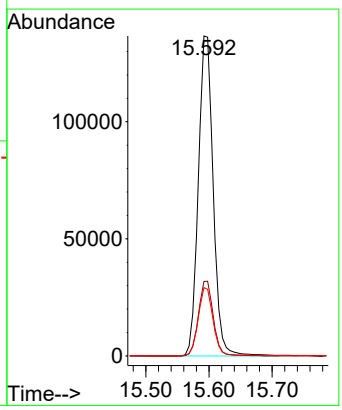




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF143566.D
Acq: 22 Aug 2025 12:02

Tgt Ion:264 Resp: 223630

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.3	17.6	26.4



Sample Results: **BF143566.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143566.D
Acq On : 22 Aug 2025 12:02
Operator : RC/JU
Sample : Q2903-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-6A-081925

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: BF143566.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.257	3	11	22	rVB	2098025	3491038	83.69%	13.009%
2	5.157	495	504	511	rBV2	92917	170615	4.09%	0.636%
3	5.563	567	573	593	rBV	1240584	1649212	39.54%	6.145%
4	6.557	737	742	759	rBV	855583	1123617	26.94%	4.187%
5	6.922	799	804	812	rBV	527875	653934	15.68%	2.437%
6	7.487	889	900	905	rBV	1539004	2261353	54.21%	8.427%
7	7.957	972	980	998	rBV	11779	41790	1.00%	0.156%
8	8.098	999	1004	1013	rBV	120898	218252	5.23%	0.813%
9	8.204	1017	1022	1033	rVB	702802	899967	21.58%	3.354%
10	9.281	1199	1205	1210	rBV	2975849	3976214	95.32%	14.817%
11	9.963	1316	1321	1326	rBV	880098	1091060	26.16%	4.066%
12	10.675	1436	1442	1447	rBV	88785	122786	2.94%	0.458%
13	10.757	1450	1456	1471	rBV	2172493	2980554	71.45%	11.106%
14	11.116	1512	1517	1527	rBV	48252	80842	1.94%	0.301%
15	11.451	1568	1574	1588	rBV	925544	1241357	29.76%	4.626%
16	11.898	1646	1650	1657	rBV	66927	121744	2.92%	0.454%
17	11.974	1657	1663	1676	rVV2	350135	605432	14.51%	2.256%
18	12.516	1751	1755	1761	rBV5	18981	44927	1.08%	0.167%
19	12.680	1779	1783	1792	rBV2	68292	136596	3.27%	0.509%
20	12.763	1792	1797	1808	rVV	74957	151611	3.63%	0.565%
21	13.039	1838	1844	1849	rBV	3090788	4171254	100.00%	15.543%
22	14.098	2019	2024	2031	rVB	486616	648328	15.54%	2.416%
23	14.945	2163	2168	2178	rVB	252639	343883	8.24%	1.281%
24	15.592	2273	2278	2296	rVB	366081	609840	14.62%	2.272%

Sum of corrected areas: 26836206

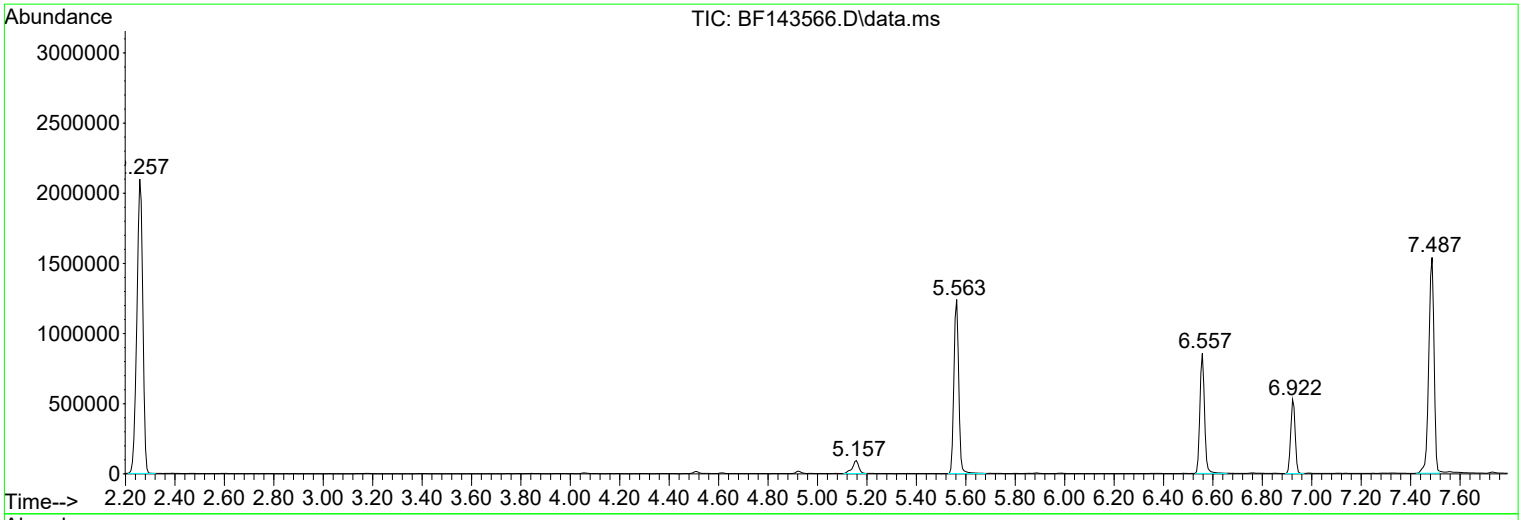
Sample Results: **BF143566.D**

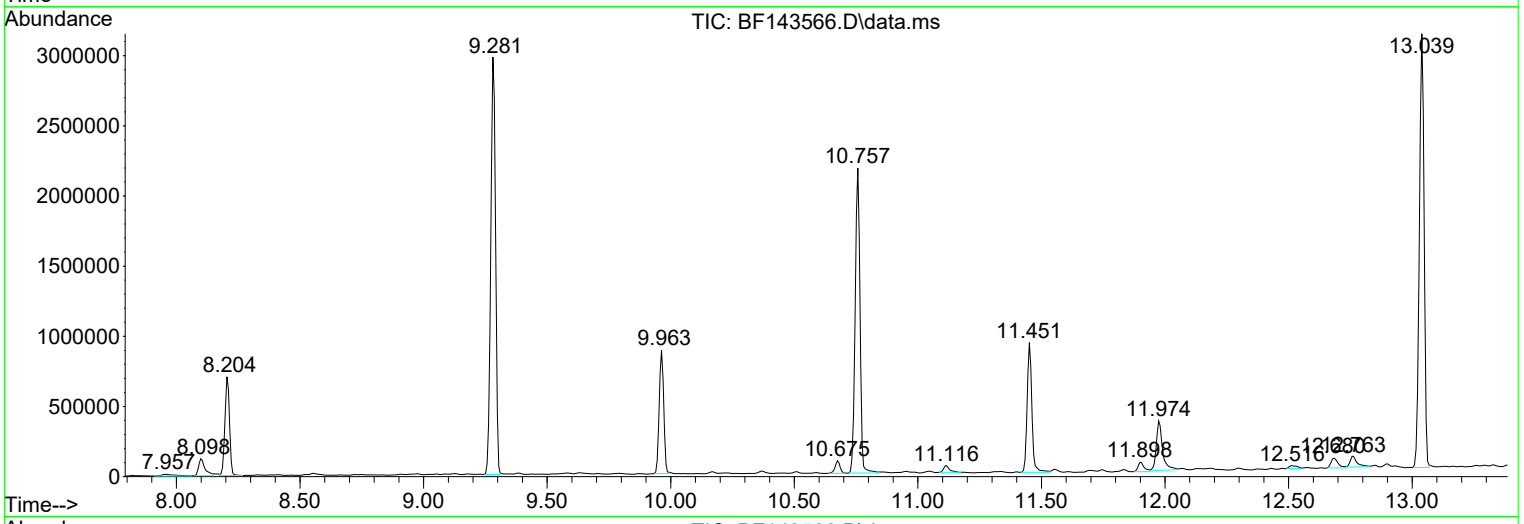
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143566.D
Acq On : 22 Aug 2025 12:02
Operator : RC/JU
Sample : Q2903-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

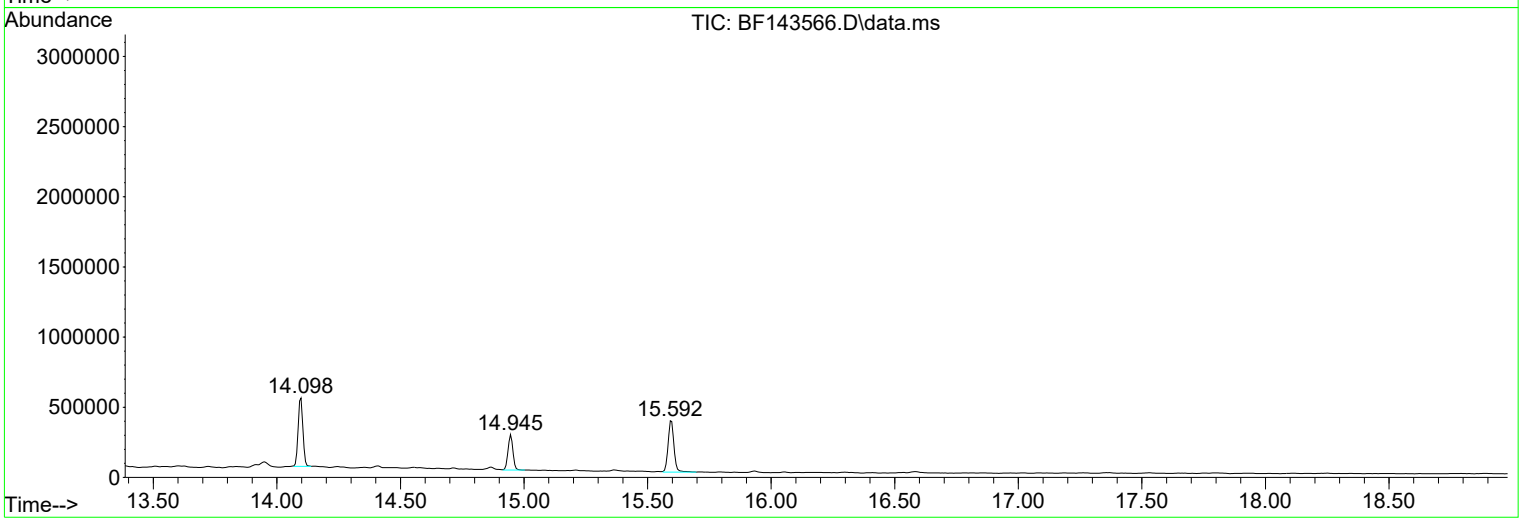
Instrument :
BNA_F
ClientSampleId :
MW-6A-081925

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 : BF143566.D
Acq On : 22 Aug 2025 12:02
Operator : RC/JU
Sample : Q2903-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-6A-081925

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

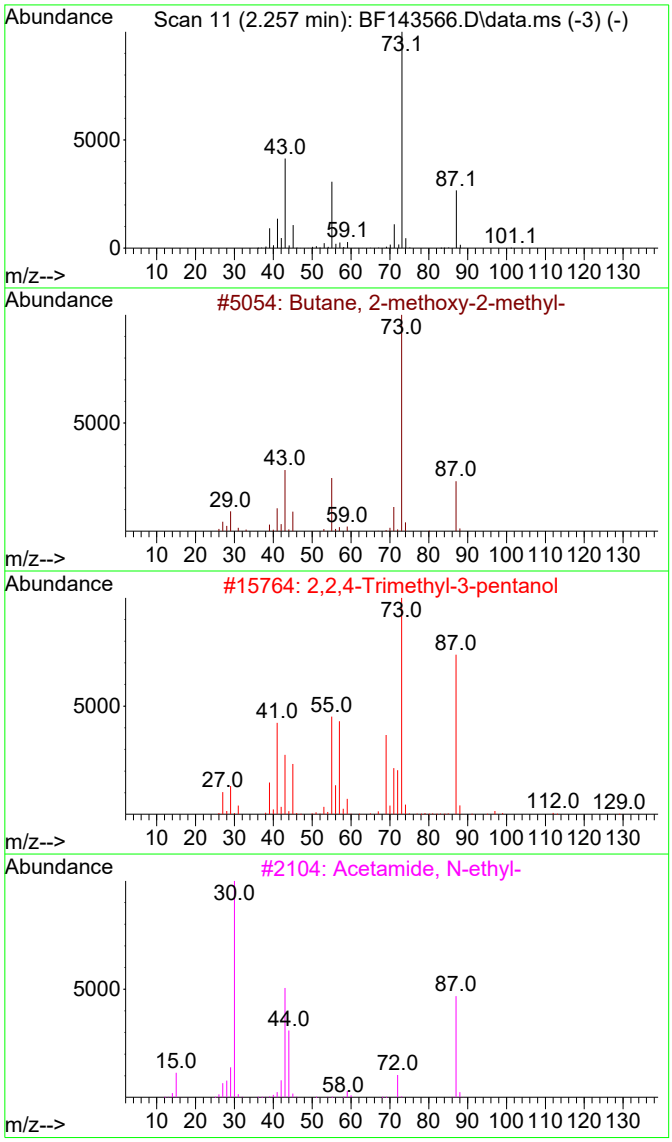
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

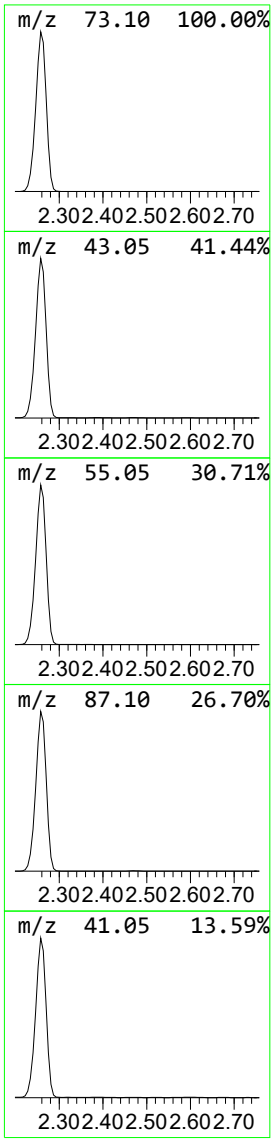
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.257	106.77 ng	3491040	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	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Sample Results: **BF143566.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143566.D
Acq On : 22 Aug 2025 12:02
Operator : RC/JU
Sample : Q2903-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-6A-081925

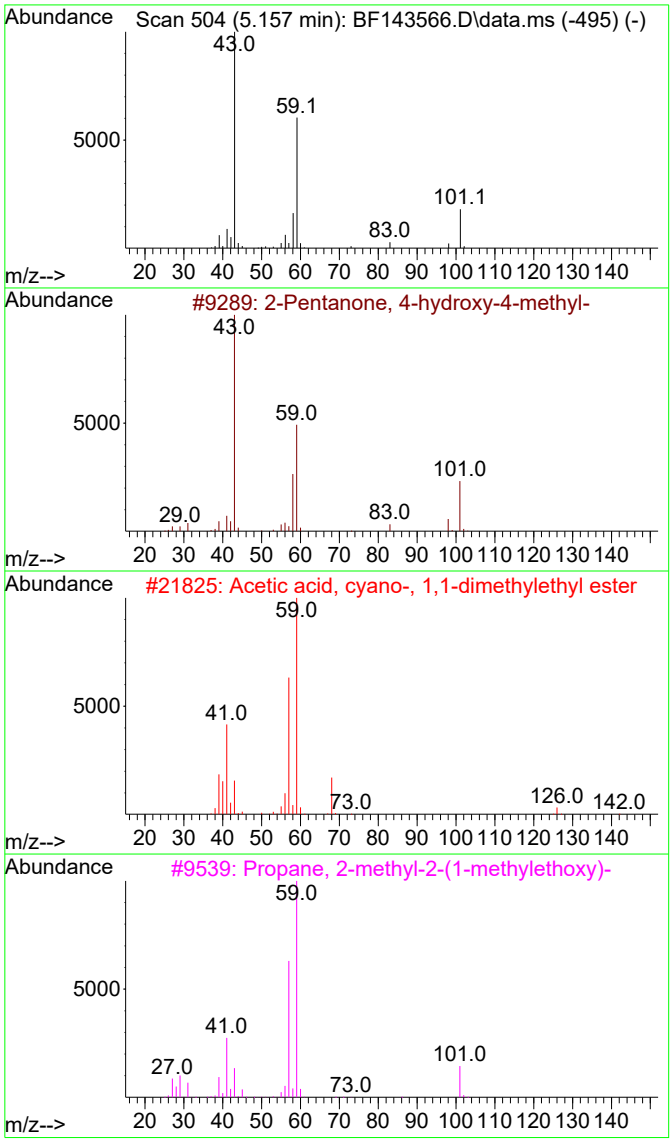
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

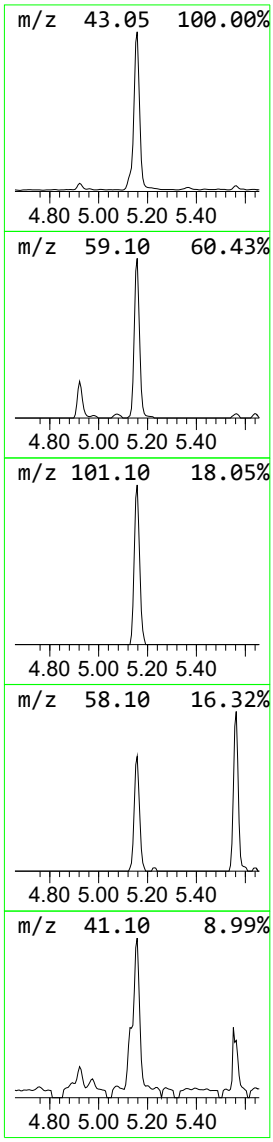
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.157	5.22 ng	170615	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	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33





Sample Results: **BF143566.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143566.D
Acq On : 22 Aug 2025 12:02
Operator : RC/JU
Sample : Q2903-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-6A-081925

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

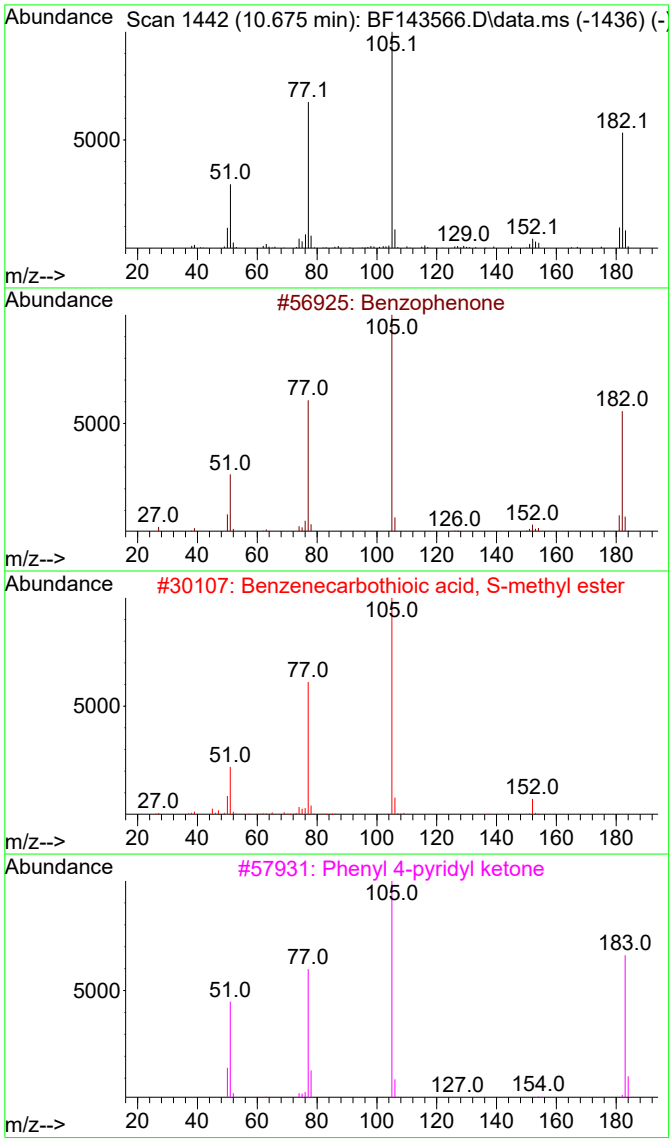
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

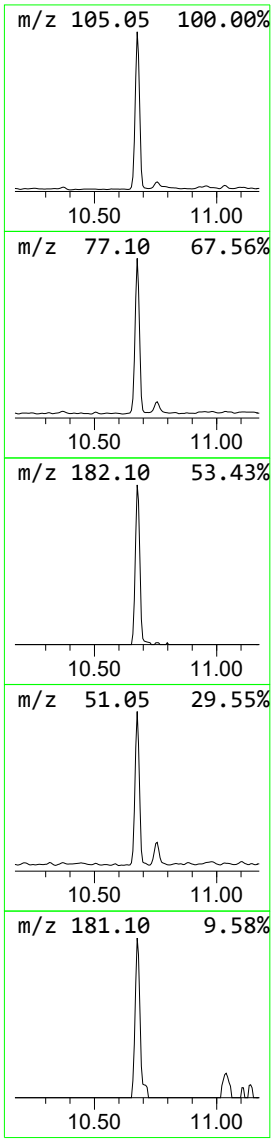
****

Peak Number 4 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.675	2.25 ng	122786	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	52
3	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	50
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
5	Ethanedione, diphenyl-	210	C14H10O2	000134-81-6	47





Sample Results: **BF143566.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143566.D
Acq On : 22 Aug 2025 12:02
Operator : RC/JU
Sample : Q2903-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-6A-081925

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

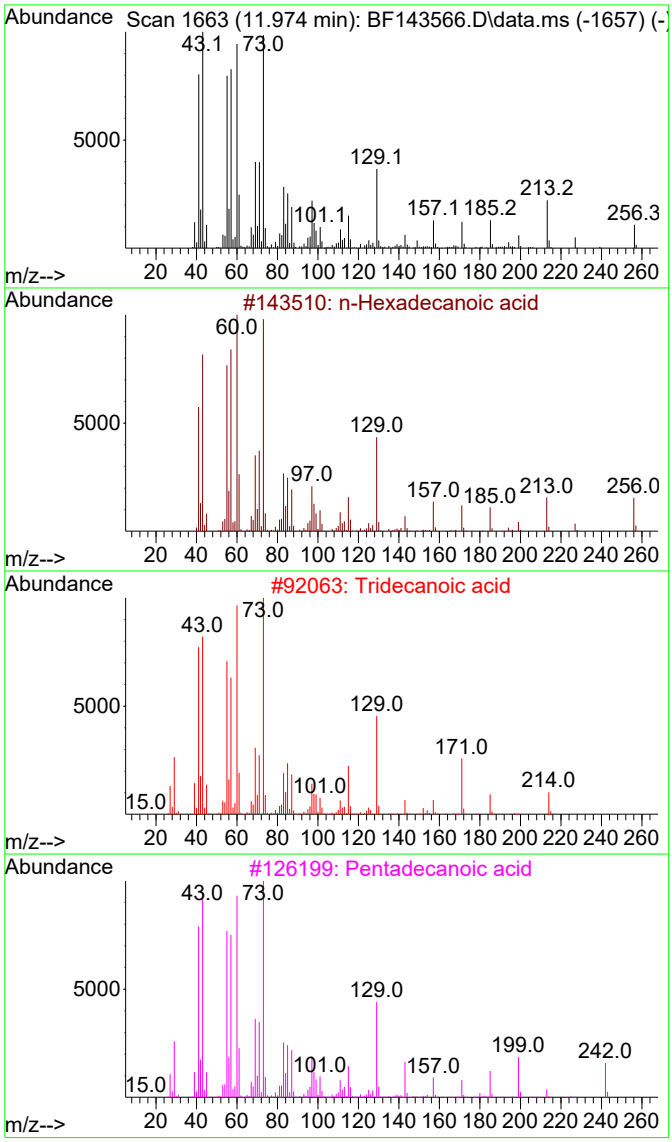
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

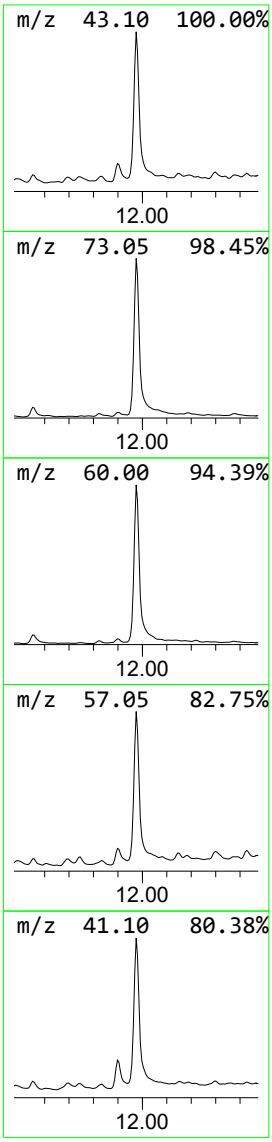
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	9.75 ng	605432	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Undecanoic acid	186	C11H22O2	000112-37-8	74





Sample Results: **BF143566.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143566.D
Acq On : 22 Aug 2025 12:02
Operator : RC/JU
Sample : Q2903-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-6A-081925

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

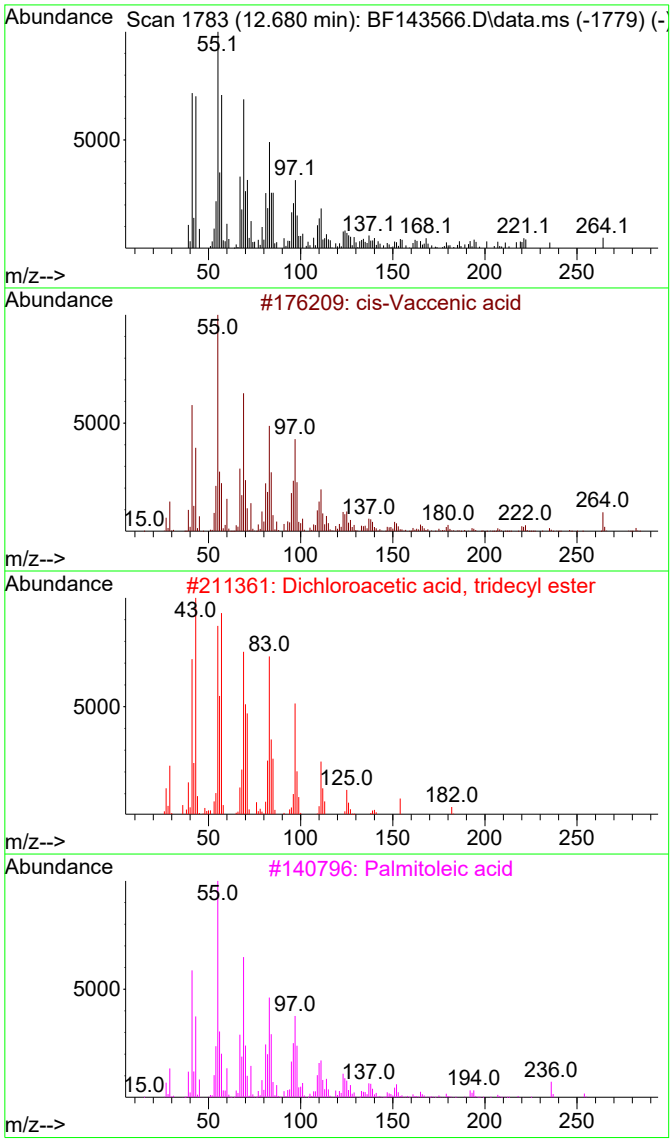
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

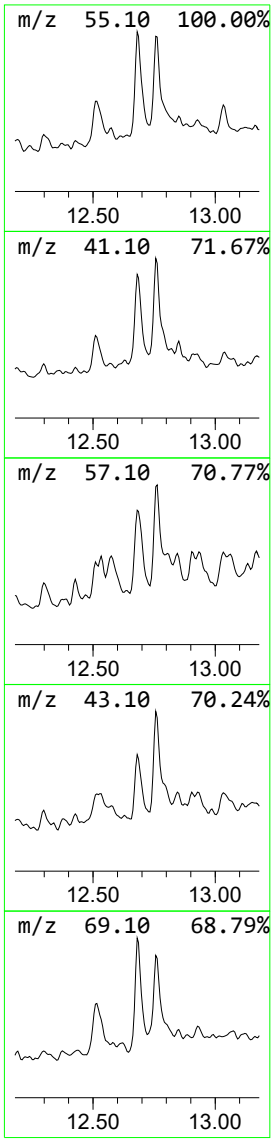
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Peak Number 6 cis-Vaccenic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.680	2.20 ng	136596	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Vaccenic acid	282	C18H34O2	000506-17-2	72
2	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	70
3	Palmitoleic acid	254	C16H30O2	000373-49-9	68
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	62
5	Dichloroacetic acid, tetradecyl ...	324	C16H30Cl2O2	083005-02-1	60





Sample Results: **BF143566.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143566.D
Acq On : 22 Aug 2025 12:02
Operator : RC/JU
Sample : Q2903-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-6A-081925

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

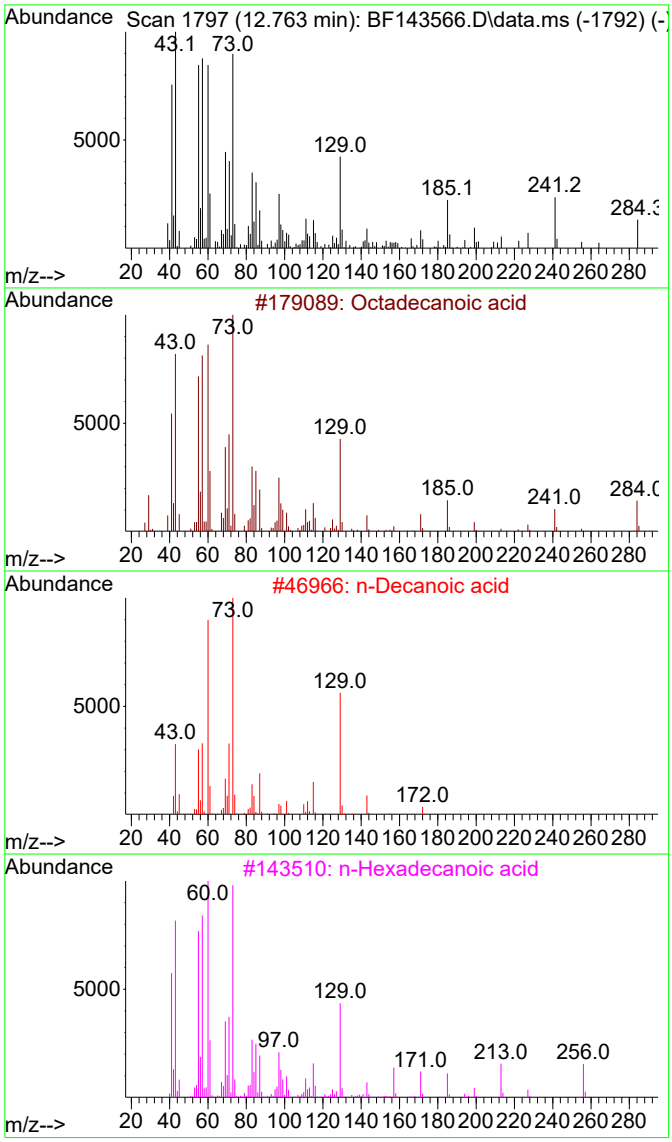
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TIC Integration Parameters: LSCINT.P

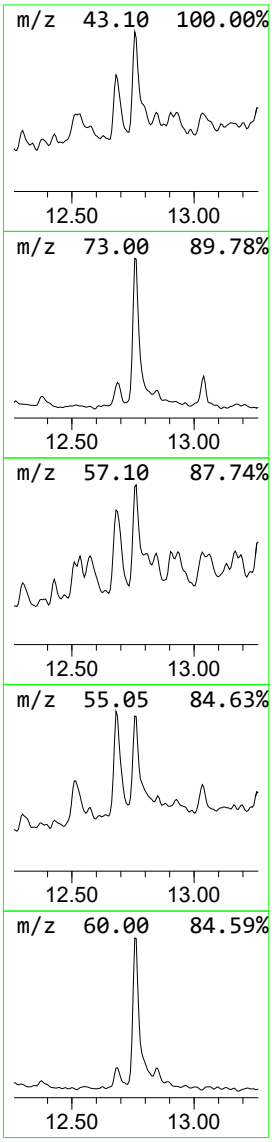
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Peak Number 7 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.763	2.44 ng	151611	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Dodecanoic acid	200	C12H24O2	000143-07-7	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143566.D
Acq On : 22 Aug 2025 12:02
Operator : RC/JU
Sample : Q2903-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-6A-081925

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

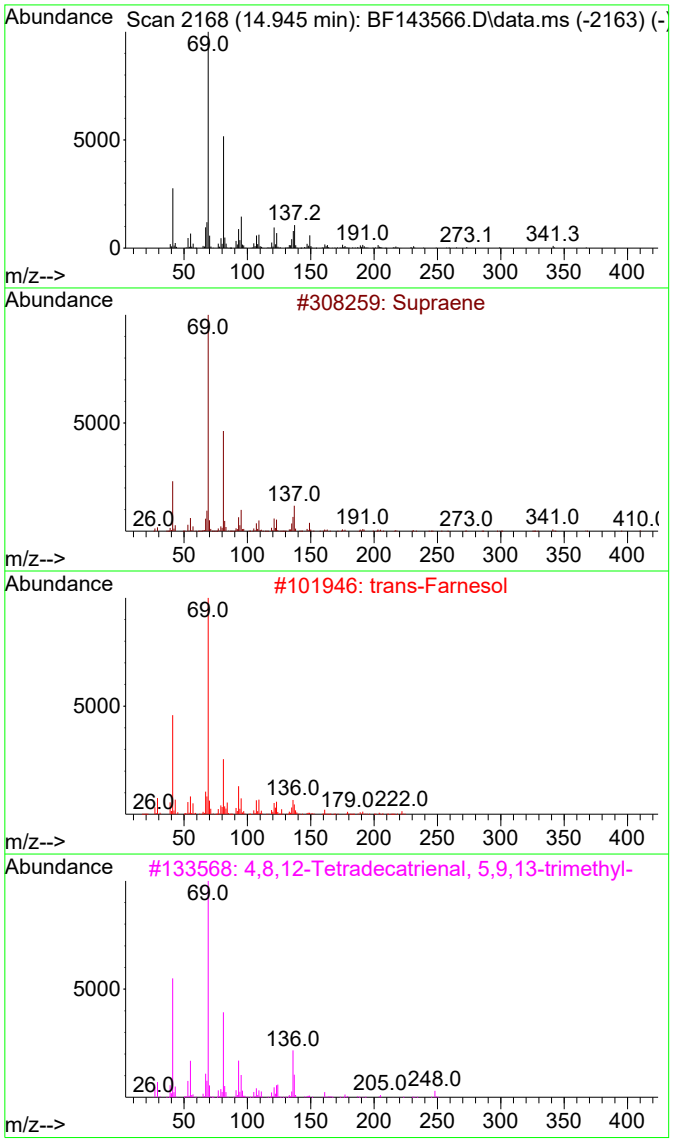
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TIC Integration Parameters: LSCINT.P

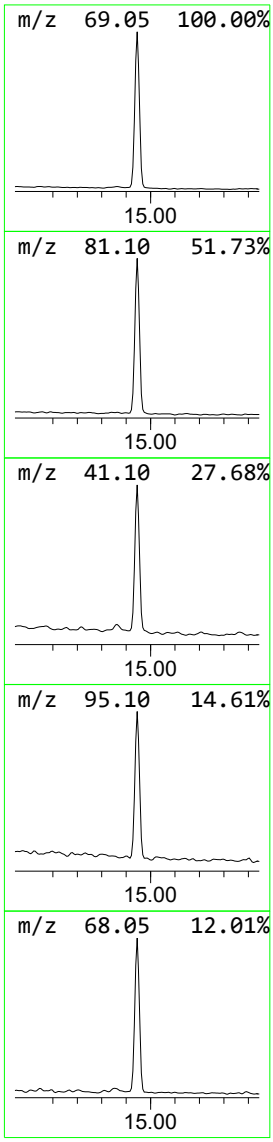
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Peak Number 8 Supraene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.945	11.28 ng	343883	Perylene-d12	15.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	trans-Farnesol	222	C15H26O	000106-28-5	64
3	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64
4	3,7-Dimethyl-1-phenylsulfonyl-2,...	278	C16H22O2S	1000432-27-5	59
5	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52





Sample Results: **BF143566.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143566.D
Acq On : 22 Aug 2025 12:02
Operator : RC/JU
Sample : Q2903-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-6A-081925

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...	2.257	106.8	ng	3491040	1	6.922	653934	20.0
2-Pentanone, 4-...	5.157	5.2	ng	170615	1	6.922	653934	20.0
Benzophenone	10.675	2.3	ng	122786	3	9.963	1091060	20.0
n-Hexadecanoic ...	11.975	9.8	ng	605432	4	11.451	1241360	20.0
cis-Vaccenic acid	12.680	2.2	ng	136596	4	11.451	1241360	20.0
Octadecanoic acid	12.763	2.4	ng	151611	4	11.451	1241360	20.0
Supraene	14.945	11.3	ng	343883	6	15.592	609840	20.0

Raw Data: **BF143567.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-1C-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-02	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
BF143567.D	1	08/21/25 08:50	08/22/25 12:31	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.3	U	4.00	10.3	ug/L
108-95-2	Phenol	5.20	U	0.94	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	0.76	5.20	ug/L
65794-96-9	3+4-Methylphenols	10.3	U	1.10	10.3	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	0.67	5.20	ug/L
98-95-3	Nitrobenzene	5.20	U	0.78	5.20	ug/L
78-59-1	Isophorone	5.20	U	0.77	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	0.70	5.20	ug/L
120-83-2	2,4-Dichlorophenol	5.20	U	0.54	5.20	ug/L
91-20-3	Naphthalene	33.5		0.52	5.20	ug/L
106-47-8	4-Chloroaniline	5.20	U	0.87	5.20	ug/L
87-68-3	Hexachlorobutadiene	5.20	U	0.56	5.20	ug/L
105-60-2	Caprolactam	10.3	U	1.20	10.3	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	10.3	U	3.70	10.3	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	0.64	5.20	ug/L
92-52-4	1,1-Biphenyl	9.20		0.55	5.20	ug/L
91-58-7	2-Chloronaphthalene	5.20	U	0.63	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	0.63	5.20	ug/L

Raw Data: **BF143567.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-1C-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-02	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
BF143567.D	1	08/21/25 08:50	08/22/25 12:31	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	14.9		0.77	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	5.20	U	0.95	5.20	ug/L
99-09-2	3-Nitroaniline	5.20	U	1.10	5.20	ug/L
83-32-9	Acenaphthene	12.3		0.57	5.20	ug/L
51-28-5	2,4-Dinitrophenol	10.3	U	6.20	10.3	ug/L
100-02-7	4-Nitrophenol	10.3	U	2.50	10.3	ug/L
132-64-9	Dibenzofuran	5.20	U	0.63	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	0.71	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.20	U	0.70	5.20	ug/L
86-73-7	Fluorene	3.00	J	0.65	5.20	ug/L
100-01-6	4-Nitroaniline	5.20	U	1.50	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.3	U	3.00	10.3	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	0.41	5.20	ug/L
118-74-1	Hexachlorobenzene	5.20	U	0.54	5.20	ug/L
1912-24-9	Atrazine	5.20	U	1.00	5.20	ug/L
87-86-5	Pentachlorophenol	10.3	U	1.60	10.3	ug/L
85-01-8	Phenanthrene	14.5		0.52	5.20	ug/L
120-12-7	Anthracene	2.80	J	0.63	5.20	ug/L
86-74-8	Carbazole	5.20	U	0.74	5.20	ug/L
84-74-2	Di-n-butylphthalate	5.20	UQ	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	UQ	2.00	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	10.3	U	0.96	10.3	ug/L
56-55-3	Benzo(a)anthracene	5.20	U	0.46	5.20	ug/L
218-01-9	Chrysene	5.20	U	0.45	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.20	U	1.60	5.20	ug/L
117-84-0	Di-n-octyl phthalate	10.3	U	2.40	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	5.20	U	0.51	5.20	ug/L

Raw Data: **BF143567.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-1C-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-02	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
BF143567.D	1	08/21/25 08:50	08/22/25 12:31	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.20	U	0.49	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	0.69	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	5.20	U	0.71	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	0.74	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	62.3		23 - 138	42%	SPK: 150
13127-88-3	Phenol-d6	41.7		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	95.3		67 - 132	95%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.1		52 - 132	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	159		44 - 137	106%	SPK: 150
1718-51-0	Terphenyl-d14	101		42 - 152	101%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	120000	6.922			
1146-65-2	Naphthalene-d8	465000	8.204			
15067-26-2	Acenaphthene-d10	285000	9.963			
1517-22-2	Phenanthrene-d10	509000	11.451			
1719-03-5	Chrysene-d12	295000	14.098			
1520-96-3	Perylene-d12	245000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	100	J		2.26	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.80	AB		5.16	ug/L
000108-38-3	Benzene, 1,3-dimethyl-	3.60	J		5.42	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	2.40	J		6.61	ug/L
	unknown6.751	5.70	J		6.75	ug/L
000620-14-4	Benzene, 1-ethyl-3-methyl-	3.70	J		6.98	ug/L
010147-11-2	1-Propyne, 3-phenyl-	10.2	J		7.18	ug/L

Raw Data: **BF143567.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-1C-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-02	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
BF143567.D	1	08/21/25 08:50	08/22/25 12:31	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000767-60-2	1H-Indene, 3-methyl-	7.30	J		7.95	ug/L
000767-59-9	1H-Indene, 1-methyl-	8.00	J		7.99	ug/L
000270-63-3	Cyclopenta[c]thiapyran	2.40	J		8.28	ug/L
014315-11-8	Benzo[b]thiophene, 4-methyl-	2.90	J		8.88	ug/L
90-12-0	1-Methylnaphthalene	62.1	J		9.02	ug/L
000582-16-1	Naphthalene, 2,7-dimethyl-	5.90	J		9.54	ug/L
000571-61-9	Naphthalene, 1,5-dimethyl-	8.80	J		9.62	ug/L
000575-43-9	Naphthalene, 1,6-dimethyl-	5.50	J		9.74	ug/L
000119-61-9	Benzophenone	2.60	J		10.7	ug/L
000132-65-0	Dibenzothiophene	2.30	J		11.3	ug/L
000610-48-0	Anthracene, 1-methyl-	4.30	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

Sample Results: **BF143567.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143567.D
Acq On : 22 Aug 2025 12:31
Operator : RC/JU
Sample : Q2903-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1C-081925

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

Quant Time: Aug 22 12:50:48 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	120005	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	465163	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	284812	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	508948	20.000	ng	0.00
76) Chrysene-d12	14.098	240	295318	20.000	ng	0.00
86) Perylene-d12	15.592	264	244662	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	428247	62.313	ng	0.00
7) Phenol-d6	6.557	99	353912	41.717	ng	-0.02
23) Nitrobenzene-d5	7.487	82	759783	95.315	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	420651	158.665	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1397297	81.081	ng	0.00
79) Terphenyl-d14	13.039	244	1715245	101.354	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.228	128	725356	32.480	ng	99
38) 1-Methylnaphthalene	9.022	142	859531	60.244	ng	100
46) 1,1'-Biphenyl	9.381	154	180671	8.937	ng	99
49) Acenaphthylene	9.822	152	327928	14.439	ng	98
52) Acenaphthene	9.992	154	184032	11.935	ng	99
58) Fluorene	10.510	166	49098m	2.902	ng	
71) Phenanthrene	11.475	178	383797	14.082	ng	99
72) Anthracene	11.528	178	75345	2.729	ng	99

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

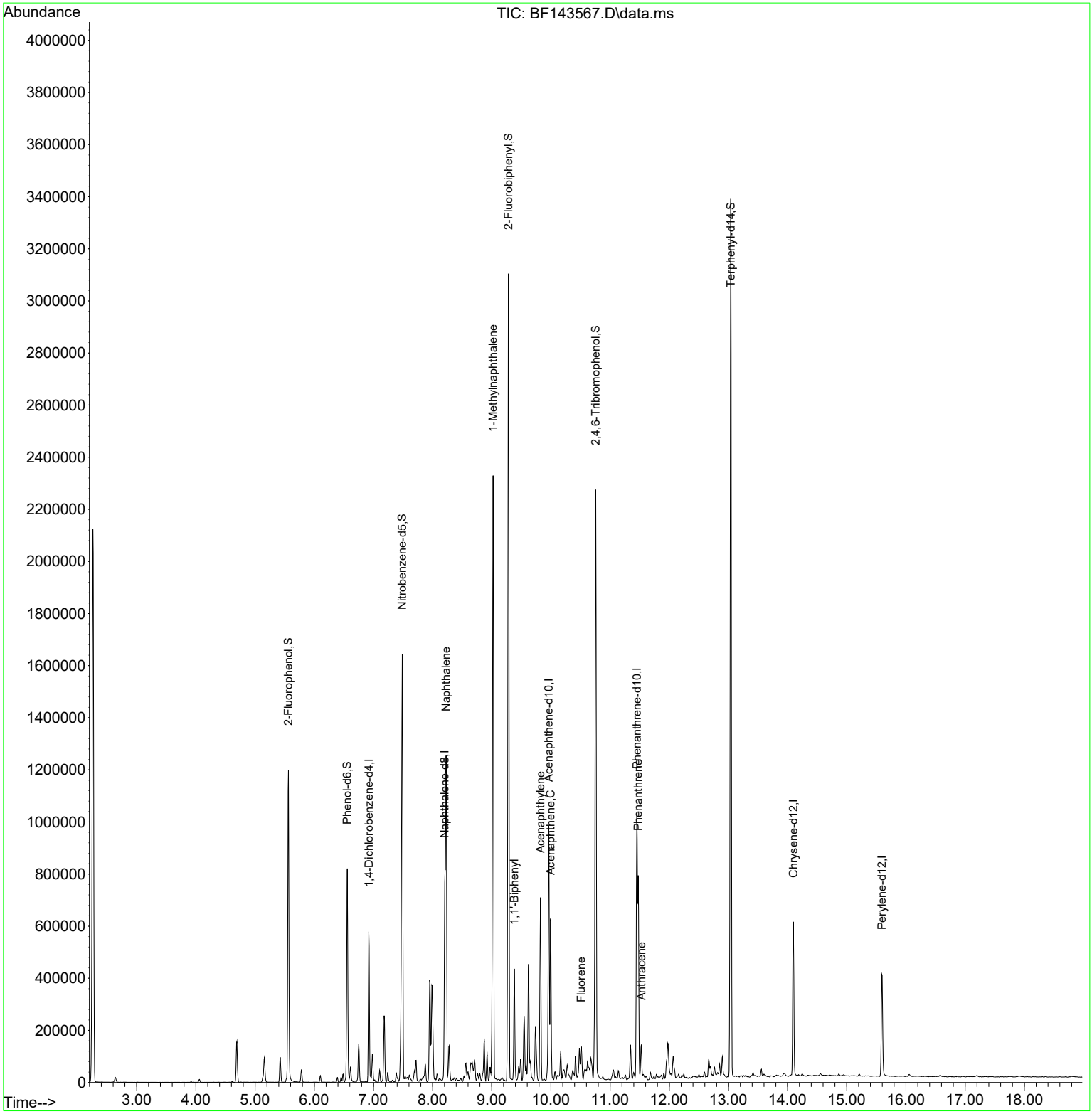
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Data File : BF143567.D
Acq On : 22 Aug 2025 12:31
Operator : RC/JU
Sample : Q2903-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

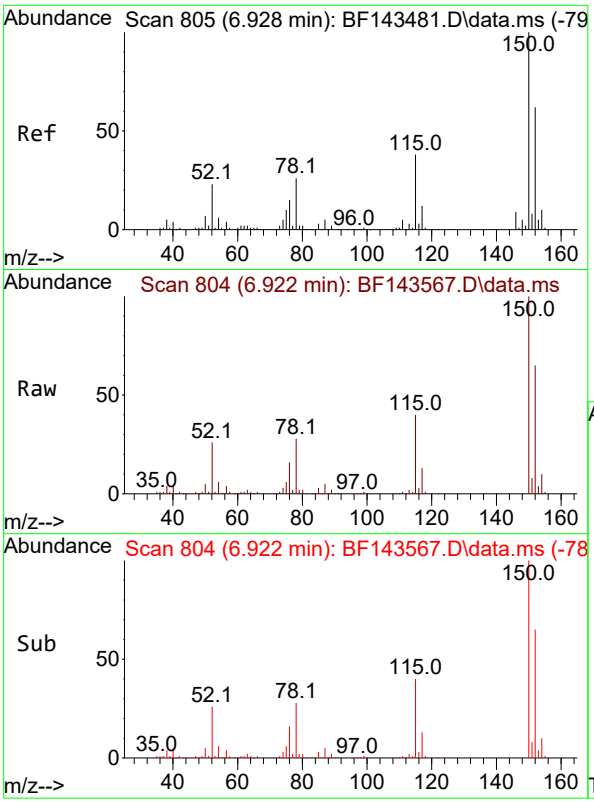
Quant Time: Aug 22 12:50:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MW-1C-081925

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

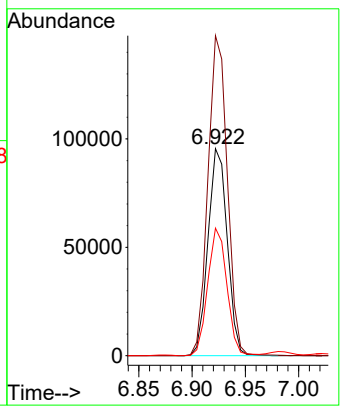




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143567.D
Acq: 22 Aug 2025 12:31

Tgt Ion:152 Resp: 12000

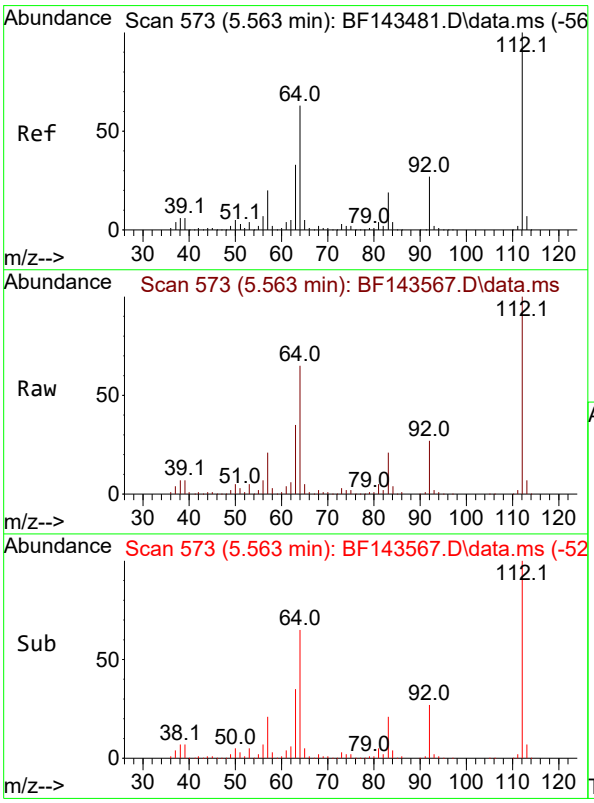
Ion	Ratio	Lower	Upper
152	100		
150	154.5	128.9	193.3
115	61.6	49.2	73.8



Instrument :
BNA_F
ClientSampleId :
MW-1C-081925

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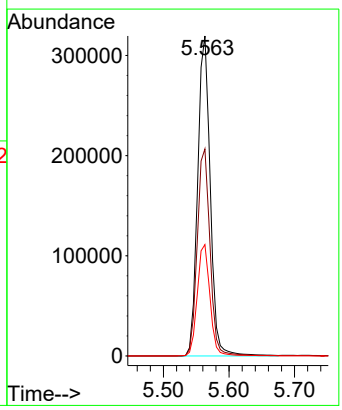
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

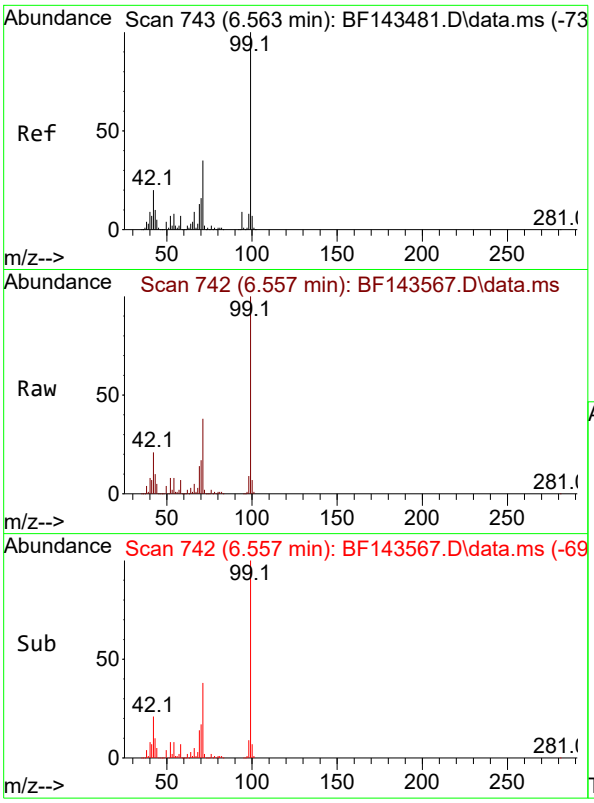


#5
2-Fluorophenol
Concen: 62.313 ng
RT: 5.563 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF143567.D
Acq: 22 Aug 2025 12:31

Tgt Ion:112 Resp: 428247

Ion	Ratio	Lower	Upper
112	100		
64	64.7	50.4	75.6
63	34.8	26.4	39.6

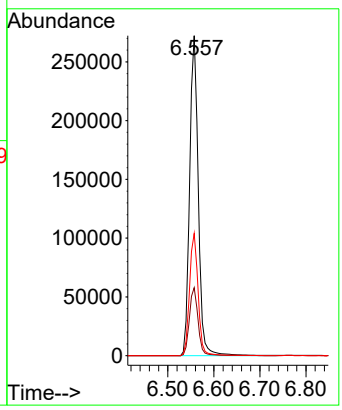




#7
Phenol-d6
Concen: 41.717 ng
RT: 6.557 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143567.D
Acq: 22 Aug 2025 12:31

Tgt Ion: 99 Resp: 35391

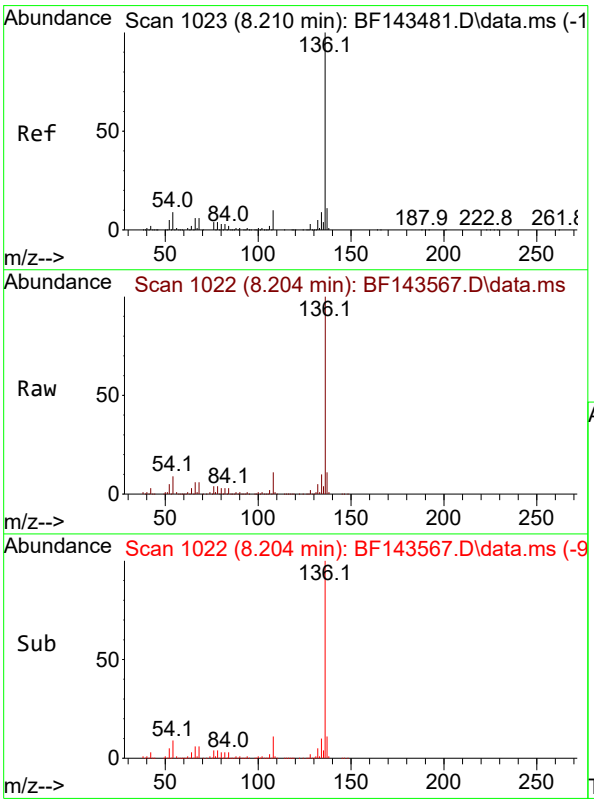
Ion	Ratio	Lower	Upper
99	100		
42	21.3	16.3	24.5
71	38.2	28.2	42.2



Instrument :
BNA_F
ClientSampleId :
MW-1C-081925

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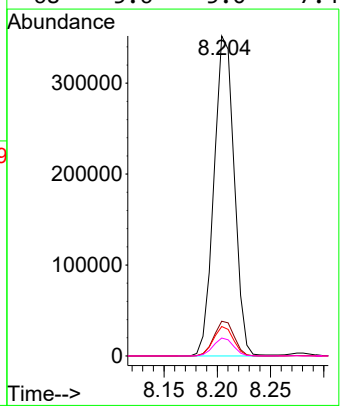
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

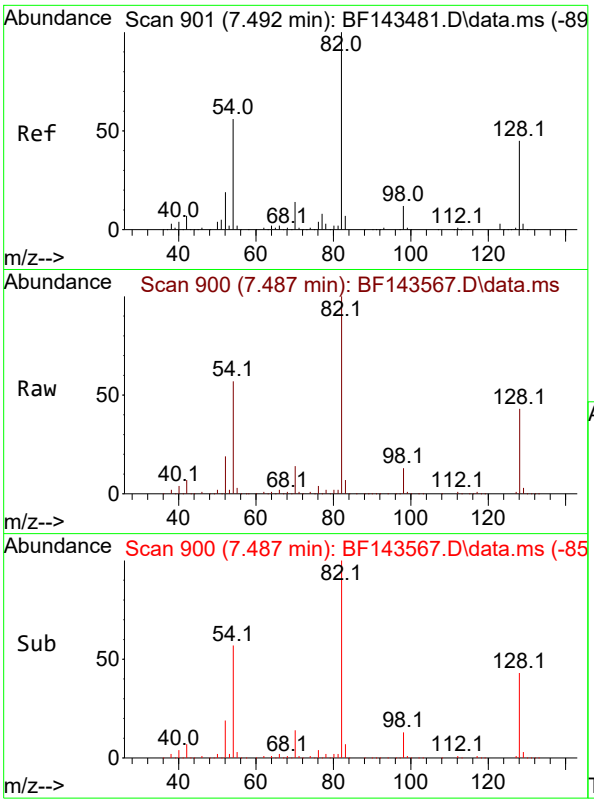


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143567.D
Acq: 22 Aug 2025 12:31

Tgt Ion:136 Resp: 465163

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	9.2	7.4	11.2
68	5.6	5.0	7.4





#23
Nitrobenzene-d5
Concen: 95.315 ng
RT: 7.487 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143567.D
Acq: 22 Aug 2025 12:31

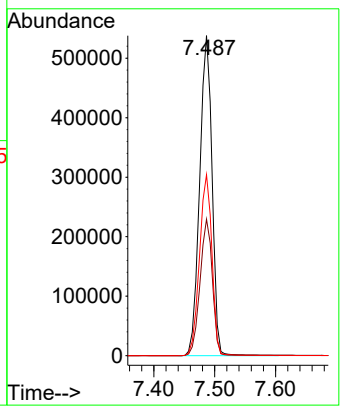
Tgt Ion: 82 Resp: 75978

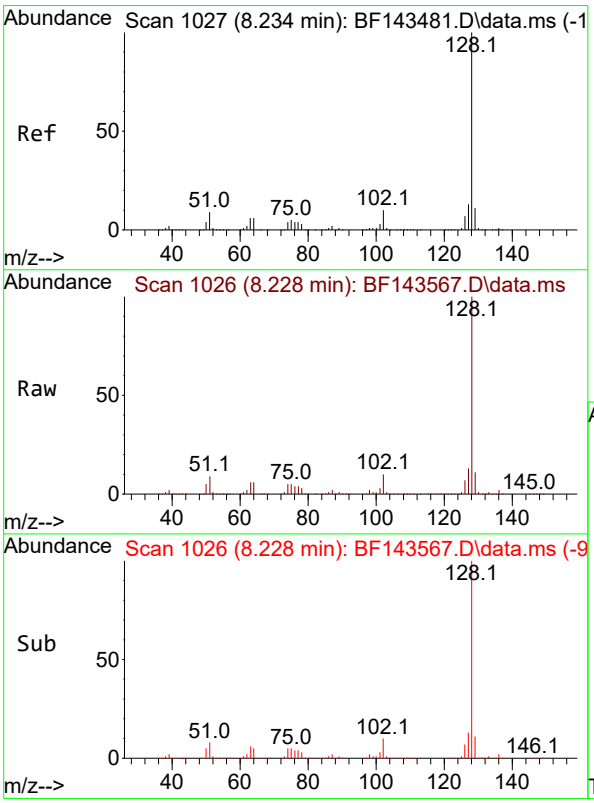
Ion	Ratio	Lower	Upper
82	100		
128	42.7	35.5	53.3
54	56.5	44.3	66.5

Instrument :
BNA_F
ClientSampleId :
MW-1C-081925

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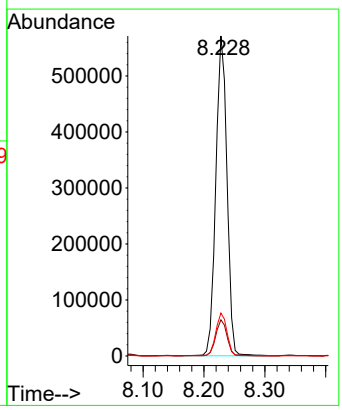


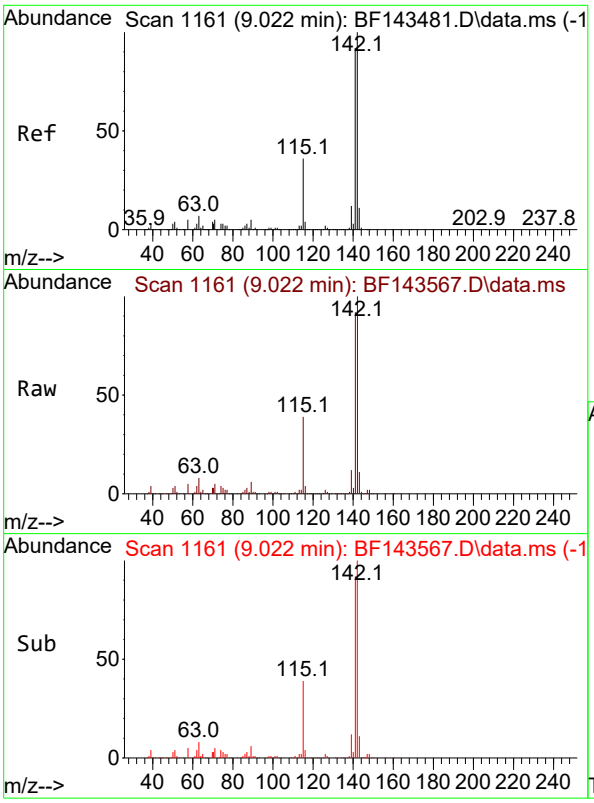


#31
Naphthalene
Concen: 32.480 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF143567.D
Acq: 22 Aug 2025 12:31

Tgt Ion:128 Resp: 725356

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.4	10.6	16.0





#38
1-Methylnaphthalene
Concen: 60.244 ng
RT: 9.022 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143567.D
Acq: 22 Aug 2025 12:31

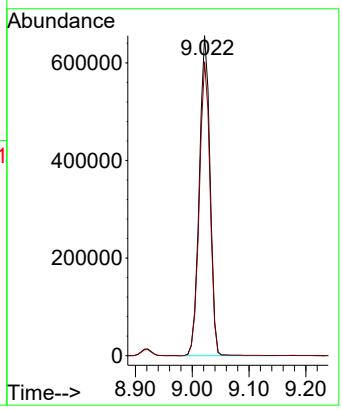
Tgt Ion:142 Resp: 85953

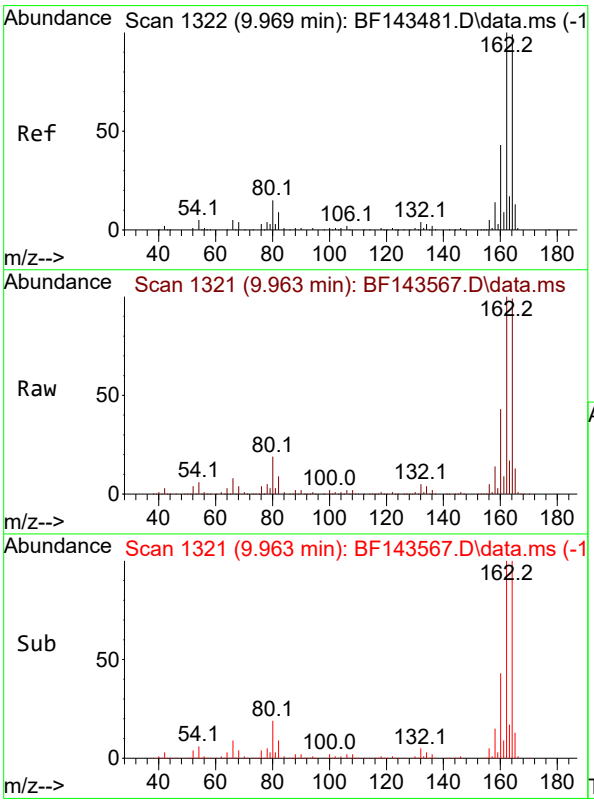
Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.3	109.9

Instrument :
BNA_F
ClientSampleId :
MW-1C-081925

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Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

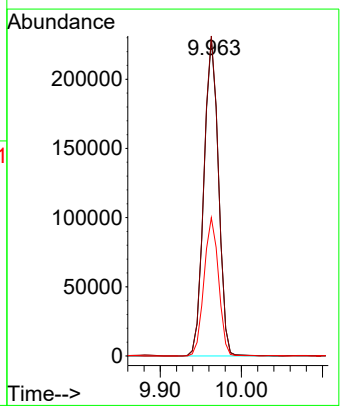


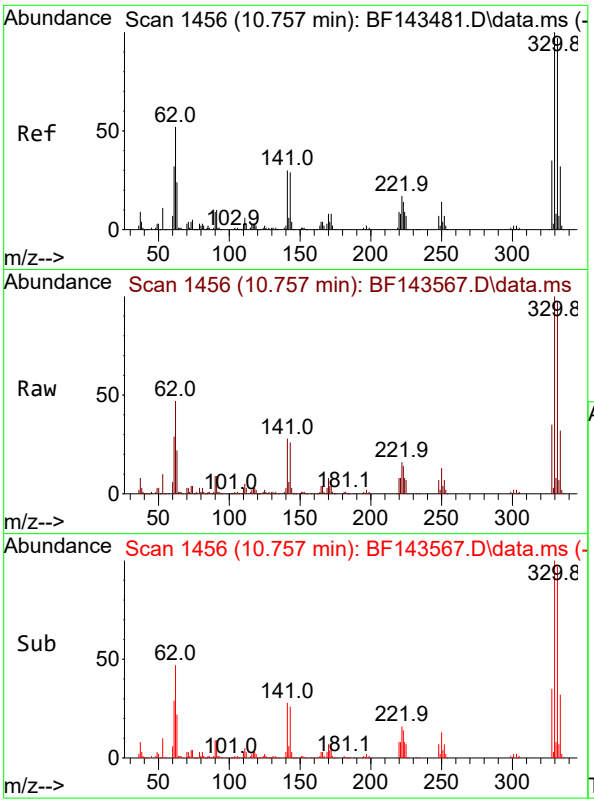


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF143567.D
Acq: 22 Aug 2025 12:31

Tgt Ion:164 Resp: 284812

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.5	120.7
160	43.6	34.3	51.5

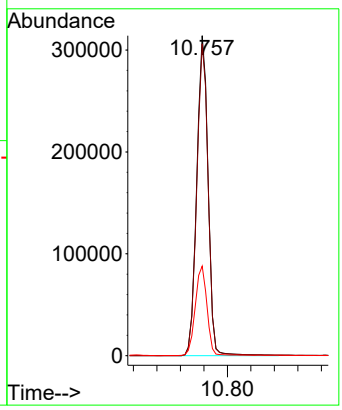




#42
2,4,6-Tribromophenol
Concen: 158.665 ng
RT: 10.757 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143567.D
Acq: 22 Aug 2025 12:31

Tgt Ion:330 Resp: 42065

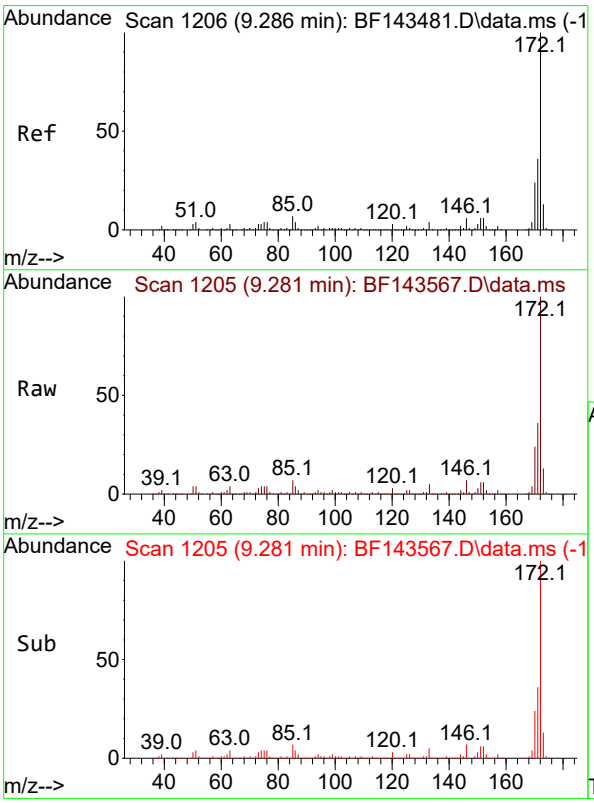
Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.0	117.0
141	29.2	23.7	35.5



Instrument :
BNA_F
ClientSampleId :
MW-1C-081925

Manual Integrations
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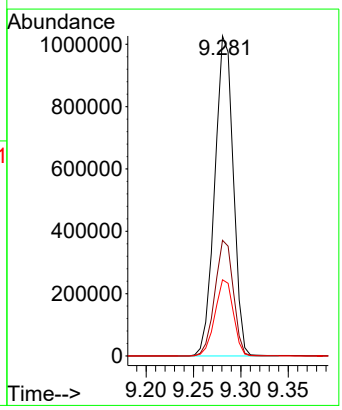
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

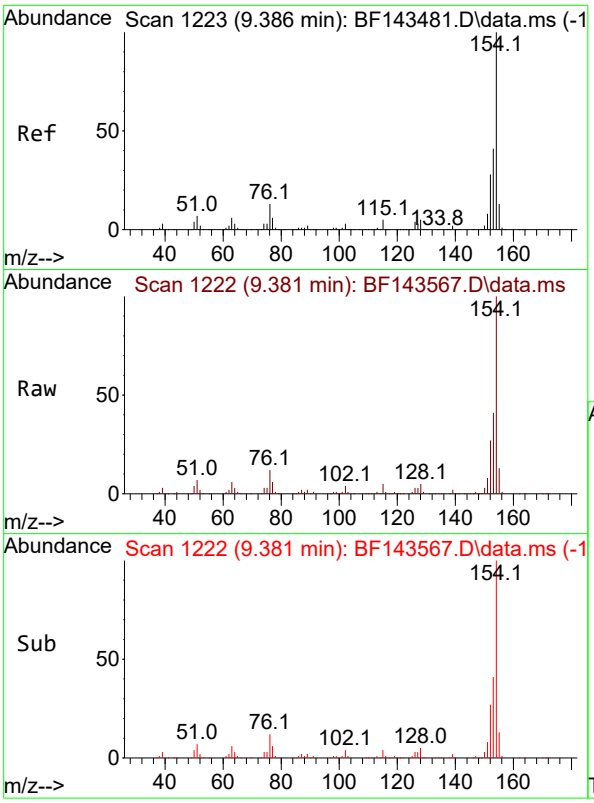


#45
2-Fluorobiphenyl
Concen: 81.081 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143567.D
Acq: 22 Aug 2025 12:31

Tgt Ion:172 Resp: 1397297

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.8	43.2
170	23.8	18.8	28.2





#46
1,1'-Biphenyl
Concen: 8.937 ng
RT: 9.381 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143567.D
Acq: 22 Aug 2025 12:31

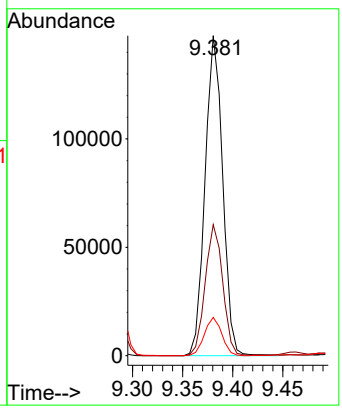
Tgt Ion:154 Resp: 18067

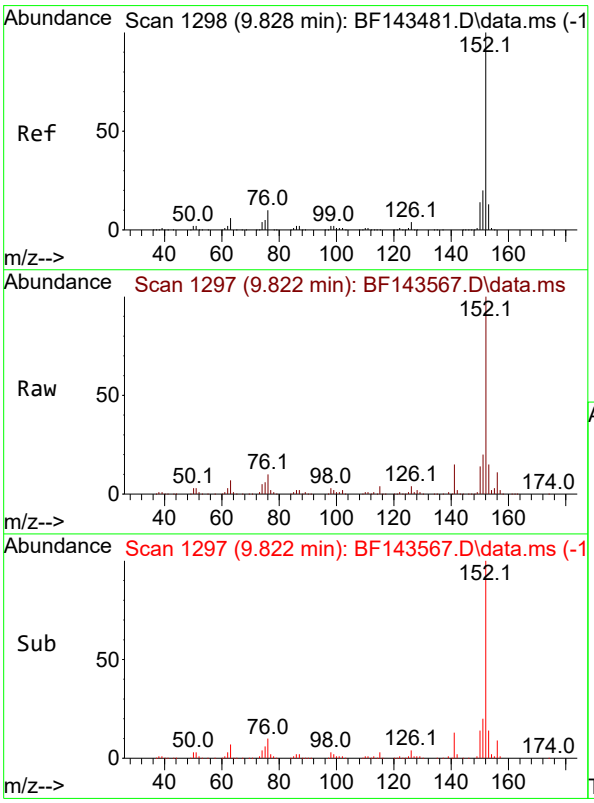
Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.6	60.6
76	12.0	0.0	33.0

Instrument :
BNA_F
ClientSampleId :
MW-1C-081925

Manual Integrations
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Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

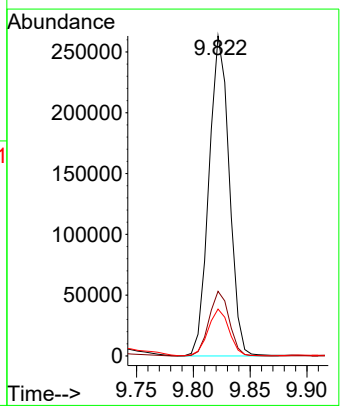


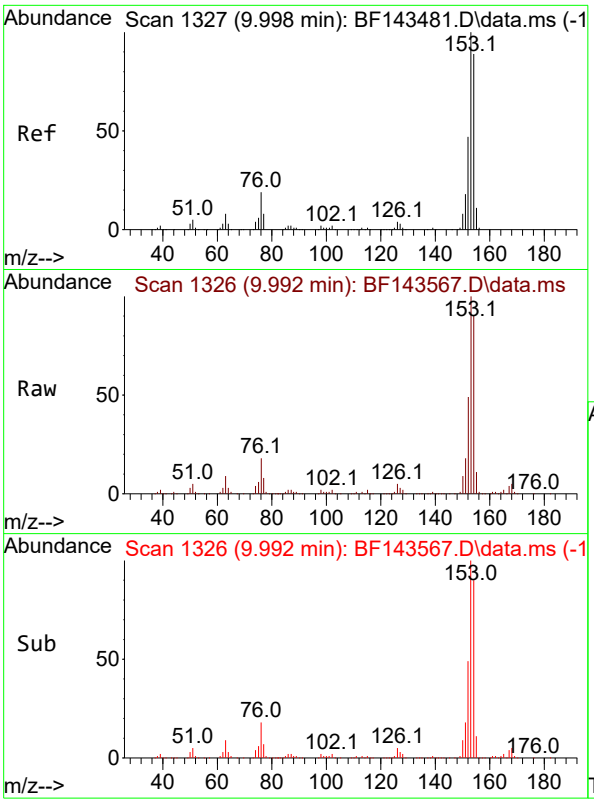


#49
Acenaphthylene
Concen: 14.439 ng
RT: 9.822 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF143567.D
Acq: 22 Aug 2025 12:31

Tgt Ion:152 Resp: 327928

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	14.6	10.6	15.8

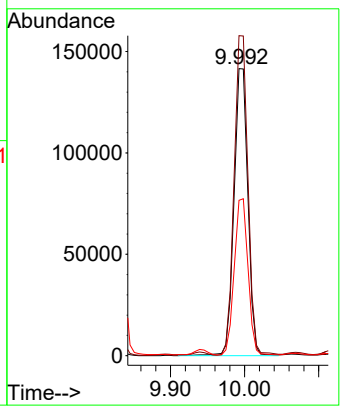




#52
Acenaphthene
Concen: 11.935 ng
RT: 9.992 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143567.D
Acq: 22 Aug 2025 12:31

Tgt Ion:154 Resp: 18403

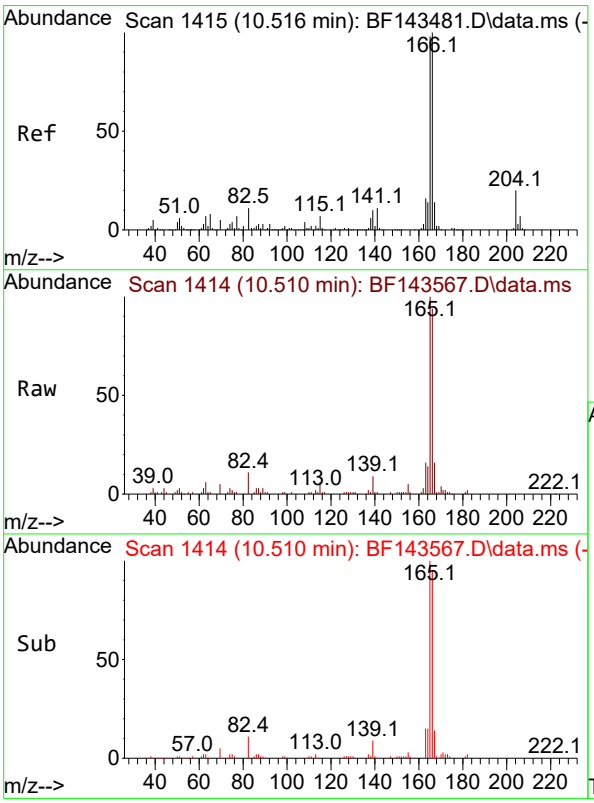
Ion	Ratio	Lower	Upper
154	100		
153	111.5	89.5	134.3
152	54.2	42.5	63.7



Instrument :
BNA_F
ClientSampleId :
MW-1C-081925

Manual Integrations
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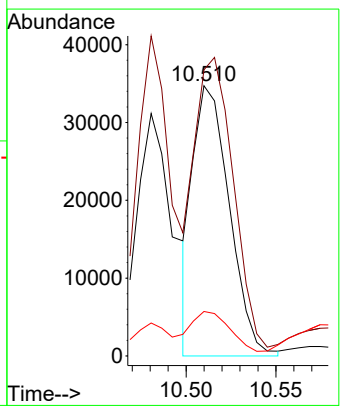
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

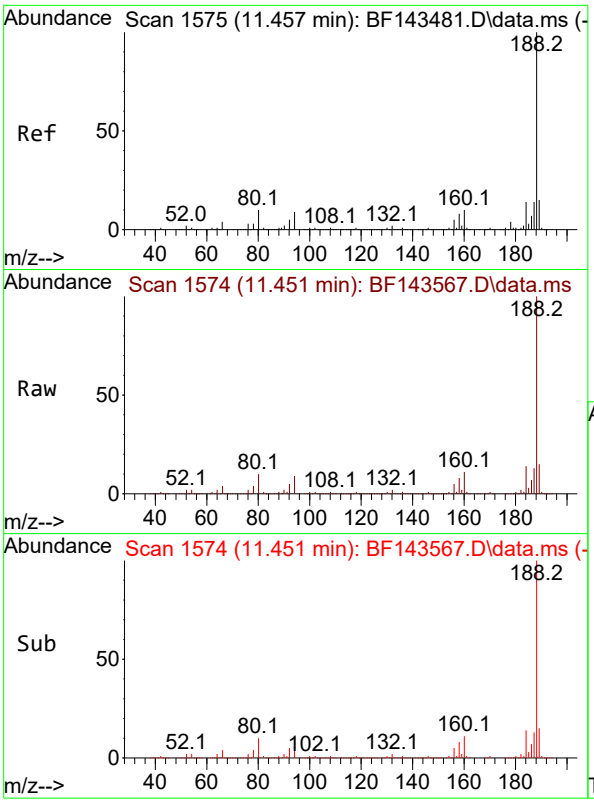


#58
Fluorene
Concen: 2.902 ng m
RT: 10.510 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF143567.D
Acq: 22 Aug 2025 12:31

Tgt Ion:166 Resp: 49098

Ion	Ratio	Lower	Upper
166	100		
165	105.9	78.3	117.5
167	16.5	11.0	16.4#

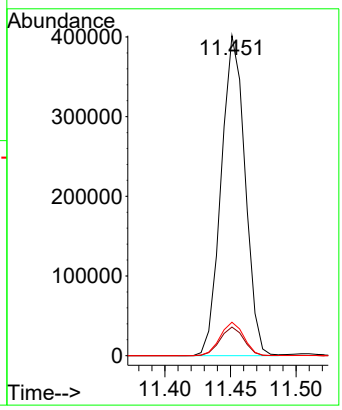




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143567.D
Acq: 22 Aug 2025 12:31

Tgt Ion:188 Resp: 50894

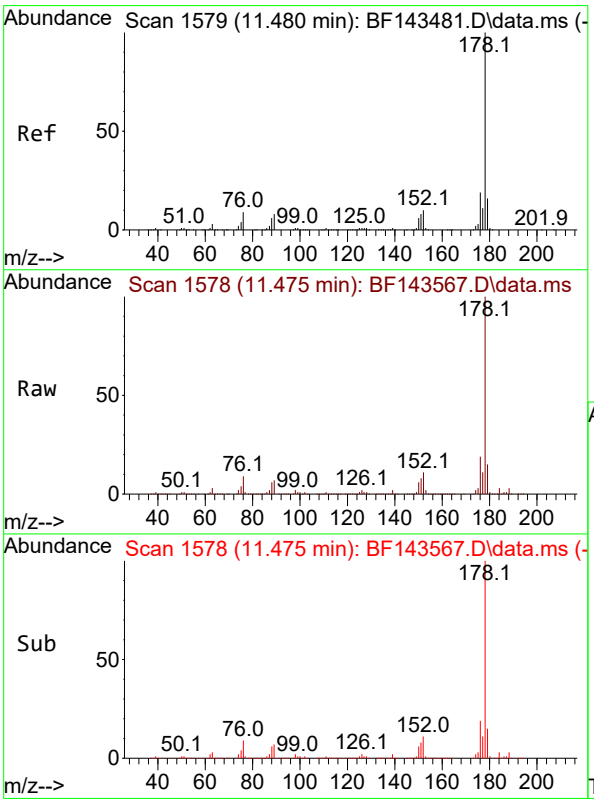
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.4	11.2
80	10.4	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
MW-1C-081925

Manual Integrations
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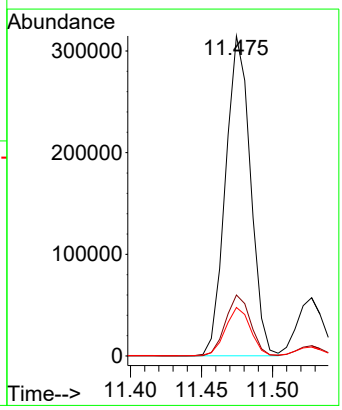
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

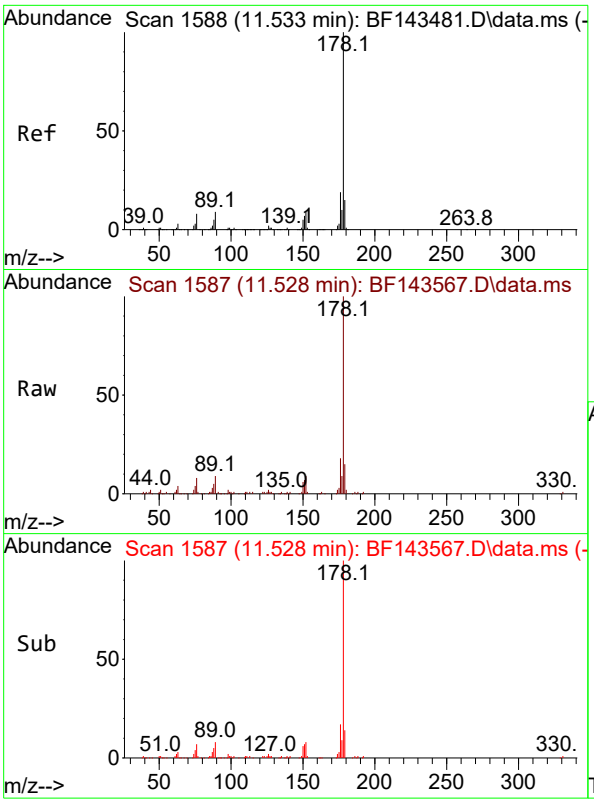


#71
Phenanthrene
Concen: 14.082 ng
RT: 11.475 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF143567.D
Acq: 22 Aug 2025 12:31

Tgt Ion:178 Resp: 383797

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.1	12.5	18.7

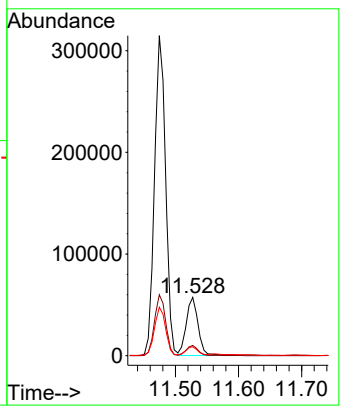




#72
Anthracene
Concen: 2.729 ng
RT: 11.528 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143567.D
Acq: 22 Aug 2025 12:31

Tgt Ion:178 Resp: 7534

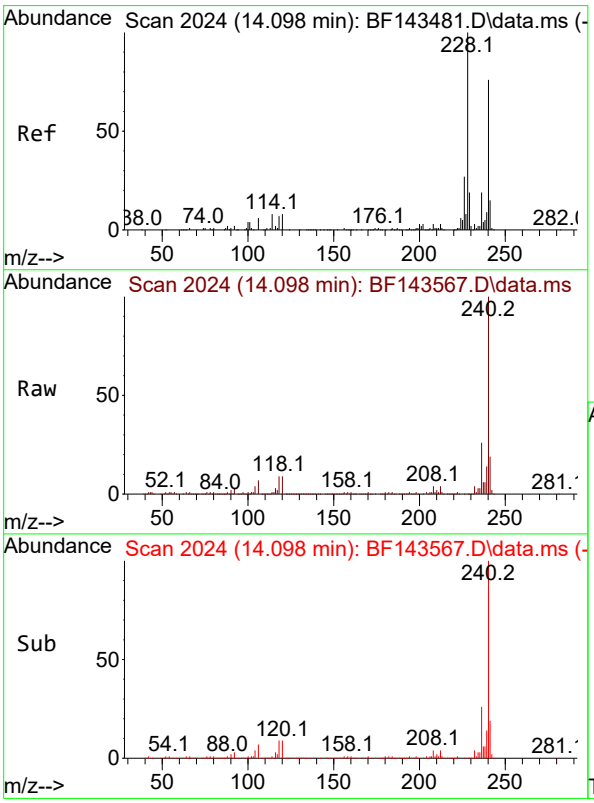
Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.0	22.4
179	15.4	12.3	18.5



Instrument :
BNA_F
ClientSampleId :
MW-1C-081925

Manual Integrations
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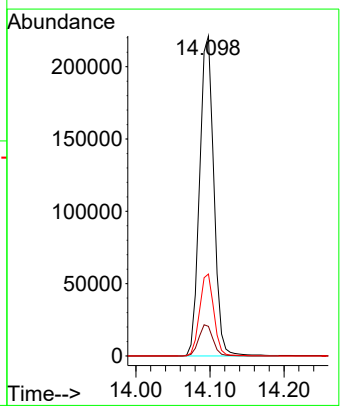
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

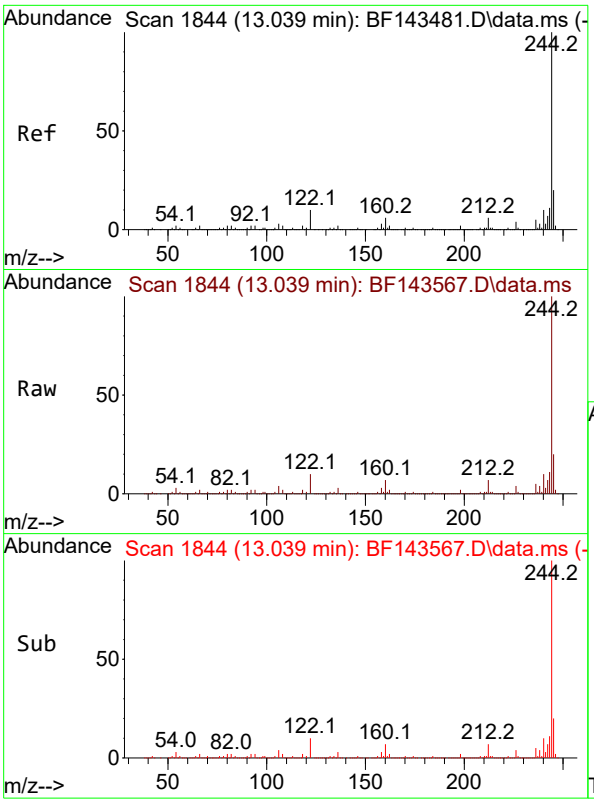


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143567.D
Acq: 22 Aug 2025 12:31

Tgt Ion:240 Resp: 295318

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.6	12.8
236	25.6	20.4	30.6

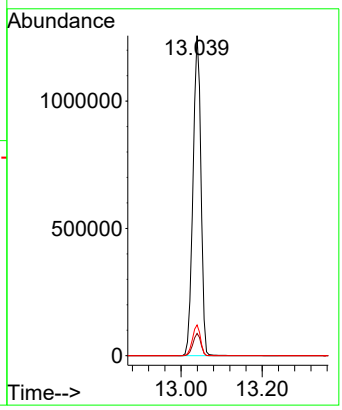




#79
Terphenyl-d14
Concen: 101.354 ng
RT: 13.039 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143567.D
Acq: 22 Aug 2025 12:31

Tgt Ion:244 Resp: 171524

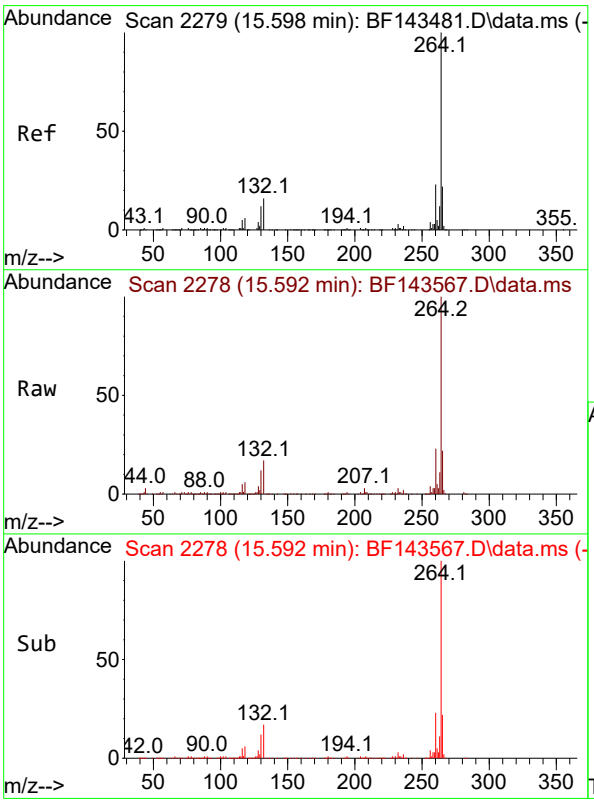
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.2	7.8
122	9.6	7.9	11.9



Instrument :
BNA_F
ClientSampleId :
MW-1C-081925

Manual Integrations
APPROVED

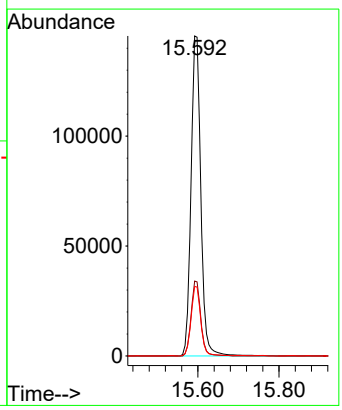
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF143567.D
Acq: 22 Aug 2025 12:31

Tgt Ion:264 Resp: 244662

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.7	17.6	26.4



Sample Results: **BF143567.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143567.D
Acq On : 22 Aug 2025 12:31
Operator : RC/JU
Sample : Q2903-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1C-081925

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: BF143567.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.258	3	11	22	rVB	2120828	3550230	77.35%	8.667%
2	4.693	419	425	431	rVB	155645	222041	4.84%	0.542%
3	5.157	494	504	518	rBV2	94736	168511	3.67%	0.411%
4	5.422	544	549	558	rVB	95851	128650	2.80%	0.314%
5	5.563	563	573	593	rBV	1197747	1643233	35.80%	4.012%
6	5.781	605	610	621	rVB2	47283	68717	1.50%	0.168%
7	6.557	734	742	748	rBV	819505	1063349	23.17%	2.596%
8	6.610	748	751	764	rVB	56458	85411	1.86%	0.209%
9	6.751	767	775	780	rBV2	147343	200926	4.38%	0.491%
10	6.922	799	804	809	rBV	576681	728611	15.88%	1.779%
11	6.981	811	814	819	rVB	102600	130493	2.84%	0.319%
12	7.104	829	835	840	rBV	44976	55387	1.21%	0.135%
13	7.181	840	848	854	rVV2	255317	361948	7.89%	0.884%
14	7.240	854	858	868	rVB	36248	51879	1.13%	0.127%
15	7.387	876	883	886	rBV2	32114	46153	1.01%	0.113%
16	7.487	890	900	905	rBV	1640689	2465374	53.72%	6.019%
17	7.692	928	935	937	rBV	40495	58897	1.28%	0.144%
18	7.722	937	940	945	rVB	79350	96812	2.11%	0.236%
19	7.875	960	966	971	rVB2	67927	109359	2.38%	0.267%
20	7.951	971	979	982	rBV2	389141	584637	12.74%	1.427%
21	7.987	982	985	993	rVB	360957	642433	14.00%	1.568%
22	8.228	1023	1026	1031	rVB	1228531	1648118	35.91%	4.024%
23	8.281	1031	1035	1041	rVB	132658	189181	4.12%	0.462%
24	8.563	1079	1083	1086	rBV	53910	75486	1.64%	0.184%
25	8.645	1092	1097	1099	rBV	60598	97350	2.12%	0.238%
26	8.710	1105	1108	1113	rVB	79271	108429	2.36%	0.265%
27	8.875	1127	1136	1140	rBV2	151302	229098	4.99%	0.559%
28	8.922	1140	1144	1148	rVB	97561	121079	2.64%	0.296%
29	8.975	1148	1153	1155	rBV	50003	71519	1.56%	0.175%
30	9.022	1155	1161	1166	rVB	2312961	3166960	69.00%	7.731%
31	9.281	1198	1205	1210	rBV	3099028	4182975	91.14%	10.212%
32	9.381	1217	1222	1229	rVB	426509	535396	11.67%	1.307%
33	9.457	1229	1235	1237	rBV3	52665	75732	1.65%	0.185%
34	9.492	1237	1241	1245	rVB	80986	110904	2.42%	0.271%
35	9.545	1245	1250	1254	rBV	246435	377549	8.23%	0.922%
36	9.622	1258	1263	1267	rBV	421731	558554	12.17%	1.364%

Sample Results: **BF143567.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143567.D
Acq On : 22 Aug 2025 12:31
Operator : RC/JU
Sample : Q2903-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1C-081925

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	9.739	1277	1283	1292	rVB	208776	351475	7.66%	0.858%
38	9.822	1292	1297	1302	rBV	702863	868617	18.93%	2.121%
39	9.963	1313	1321	1324	rBV	975381	1314978	28.65%	3.210%
40	9.992	1324	1326	1335	rVB	615052	753003	16.41%	1.838%
41	10.163	1351	1355	1359	rVB2	93745	124432	2.71%	0.304%
42	10.216	1359	1364	1370	rVB2	33245	72676	1.58%	0.177%
43	10.275	1370	1374	1385	rVB2	56850	120891	2.63%	0.295%
44	10.369	1385	1390	1395	rBV5	36059	77568	1.69%	0.189%
45	10.416	1395	1398	1402	rVB	80472	89550	1.95%	0.219%
46	10.481	1402	1409	1411	rBV	112614	145789	3.18%	0.356%
47	10.510	1411	1414	1420	rVB	123774	200863	4.38%	0.490%
48	10.575	1420	1425	1427	rBV3	36910	70799	1.54%	0.173%
49	10.622	1430	1433	1436	rVV2	50048	73021	1.59%	0.178%
50	10.675	1438	1442	1448	rVB3	79049	164763	3.59%	0.402%
51	10.757	1448	1456	1461	rBV	2259421	3176649	69.21%	7.755%
52	11.057	1498	1507	1511	rBV	38586	82826	1.80%	0.202%
53	11.345	1550	1556	1561	rVB	129945	172396	3.76%	0.421%
54	11.451	1569	1574	1577	rBV	1013537	1552288	33.82%	3.790%
55	11.475	1577	1578	1583	rVV	769739	636916	13.88%	1.555%
56	11.528	1583	1587	1591	rVB	116982	148044	3.23%	0.361%
57	11.975	1655	1663	1671	rBV4	135311	323305	7.04%	0.789%
58	12.069	1675	1679	1686	rVB2	82670	151429	3.30%	0.370%
59	12.669	1777	1781	1784	rBV	68764	104035	2.27%	0.254%
60	12.851	1809	1812	1815	rVB	42622	47677	1.04%	0.116%
61	12.898	1815	1820	1824	rBV	72236	93670	2.04%	0.229%
62	13.039	1837	1844	1849	rBV	3370336	4589586	100.00%	11.205%
63	14.098	2019	2024	2034	rVB	589093	790449	17.22%	1.930%
64	15.592	2272	2278	2291	rBV	391901	652739	14.22%	1.594%

Sum of corrected areas: 40961815

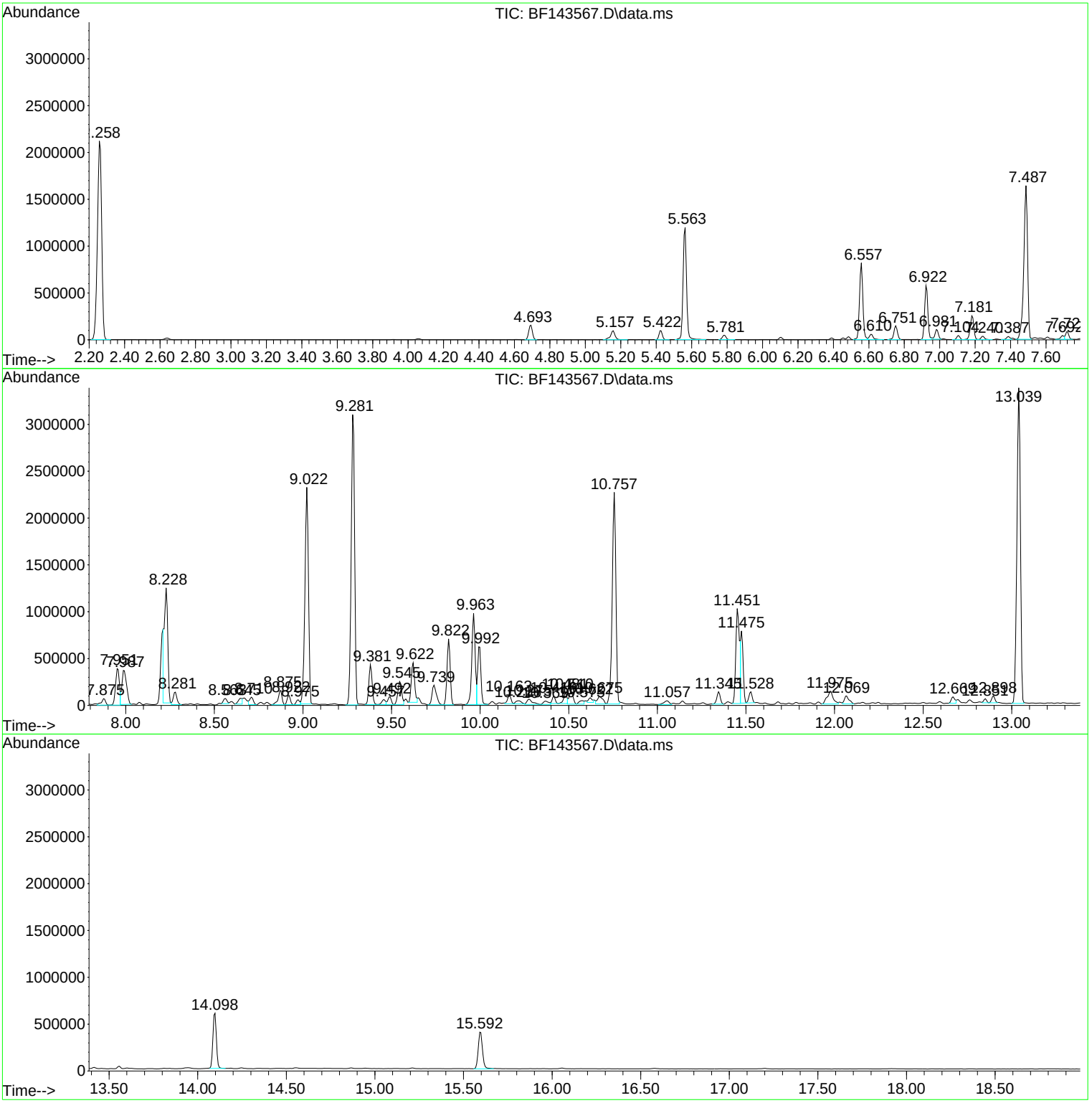
Sample Results: **BF143567.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143567.D
Acq On : 22 Aug 2025 12:31
Operator : RC/JU
Sample : Q2903-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1C-081925

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 : BF143567.D
Acq On : 22 Aug 2025 12:31
Operator : RC/JU
Sample : Q2903-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1C-081925

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

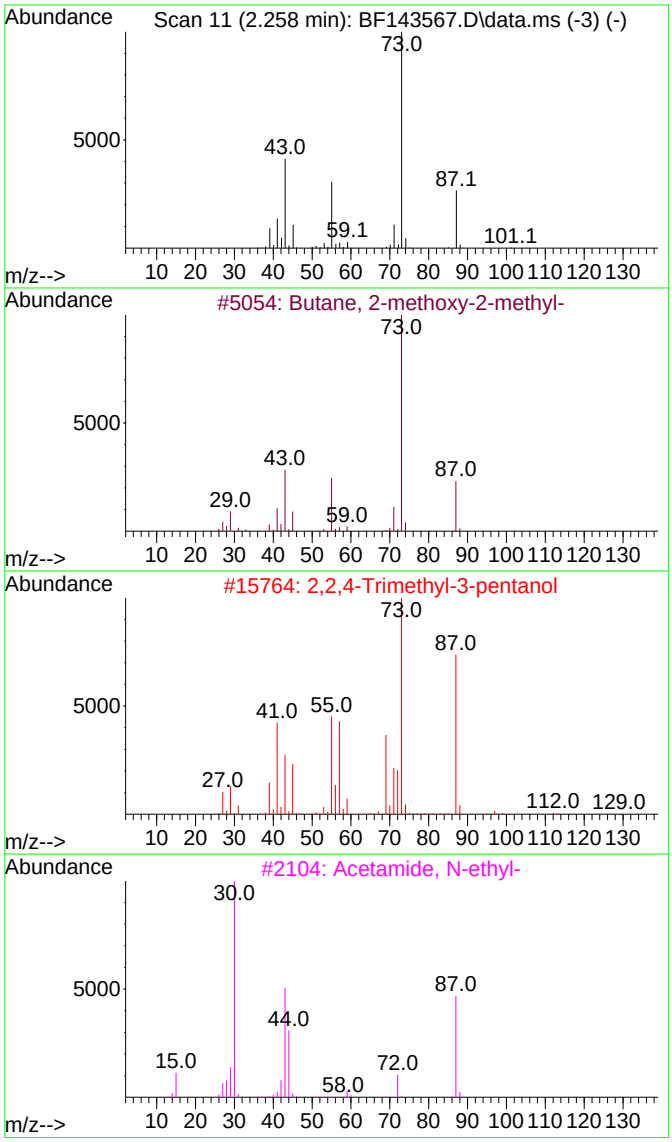
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

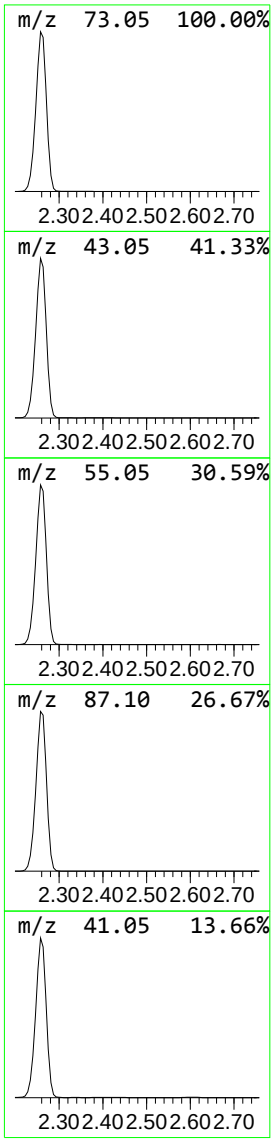
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.258	97.45 ng	3550230	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	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143567.D
Acq On : 22 Aug 2025 12:31
Operator : RC/JU
Sample : Q2903-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1C-081925

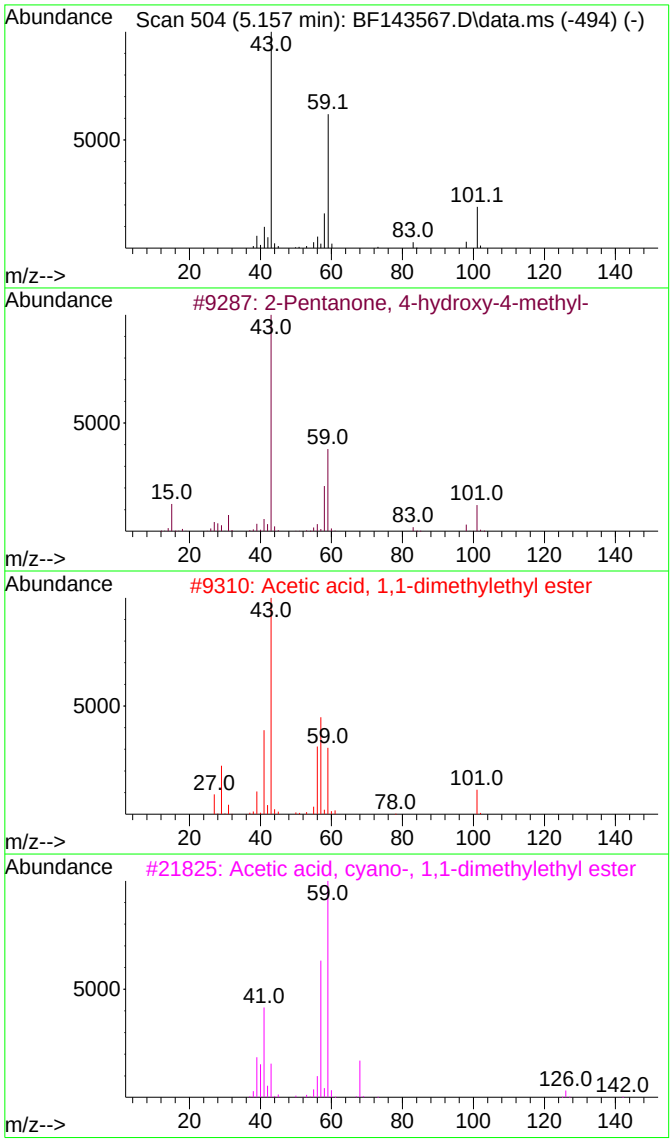
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

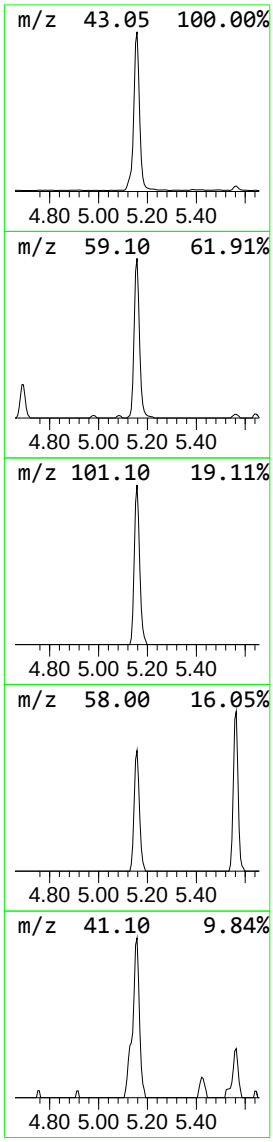
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.157	4.63 ng	168511	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	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143567.D
Acq On : 22 Aug 2025 12:31
Operator : RC/JU
Sample : Q2903-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1C-081925

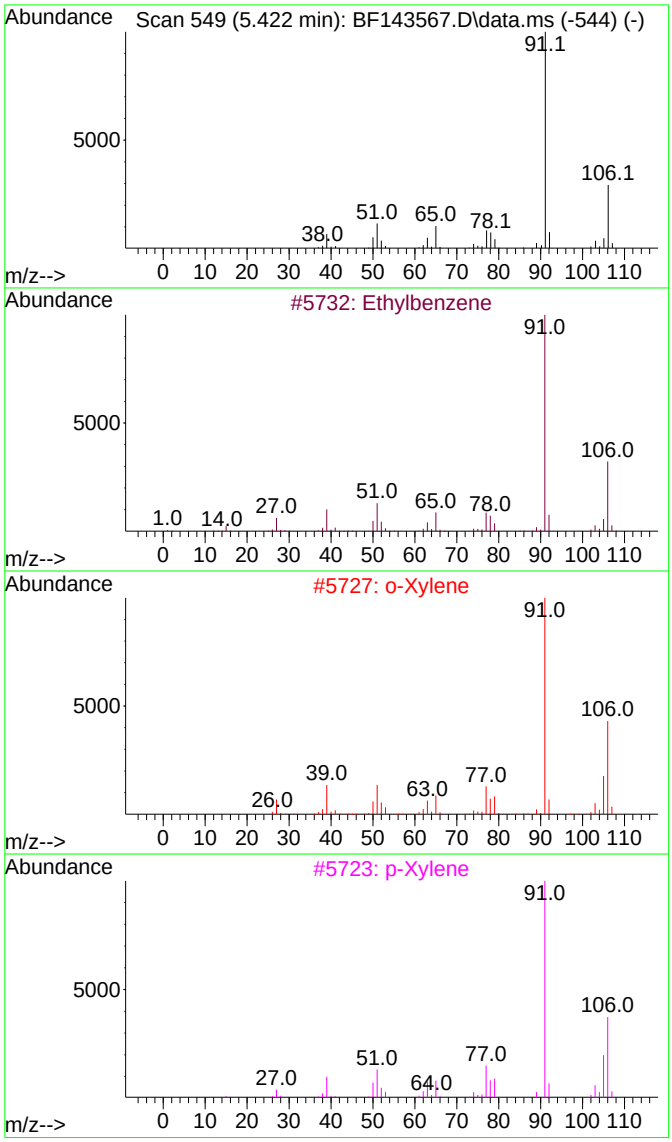
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

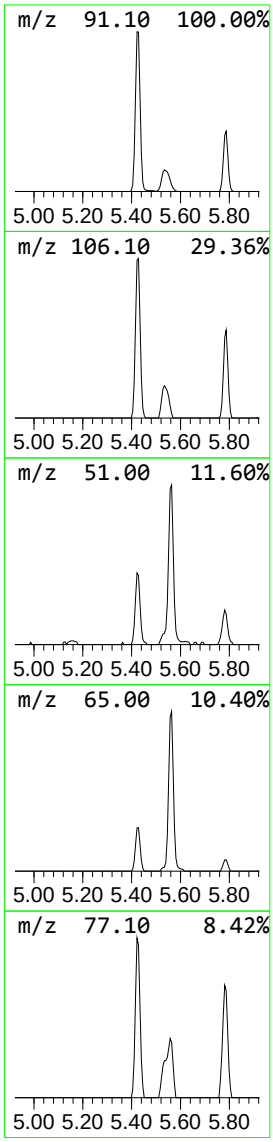
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.422	3.53 ng	128650	1,4-Dichlorobenzene-d4	6.922

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	78
3	p-Xylene	106	C8H10	000106-42-3	72
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	64
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	58





Sample Results: **BF143567.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143567.D
Acq On : 22 Aug 2025 12:31
Operator : RC/JU
Sample : Q2903-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1C-081925

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

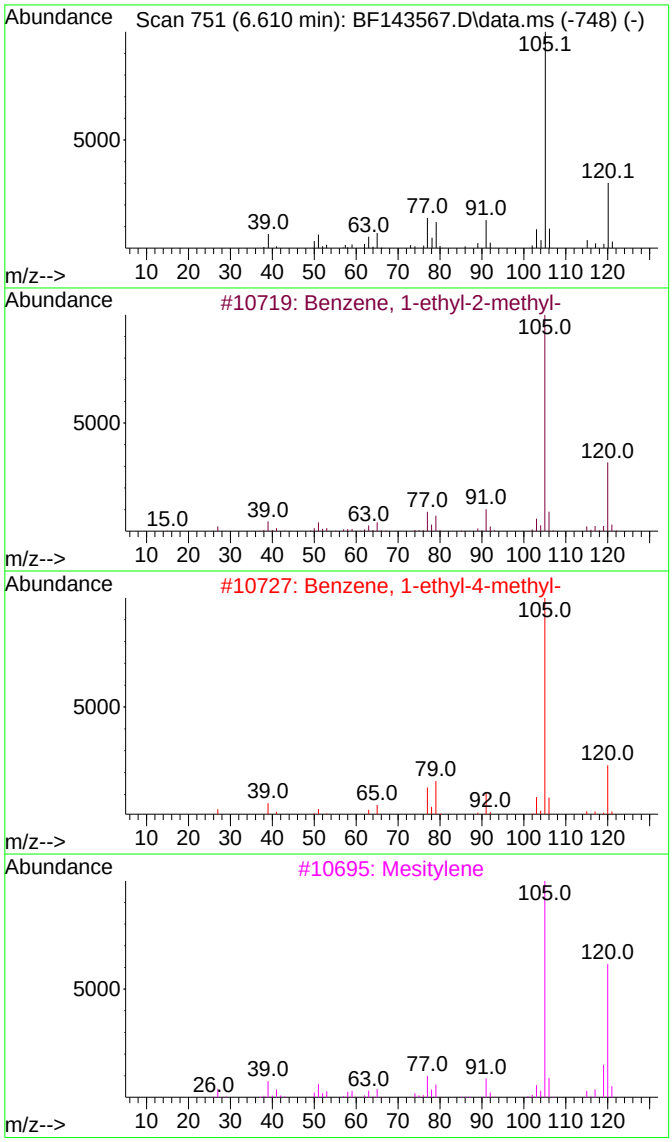
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

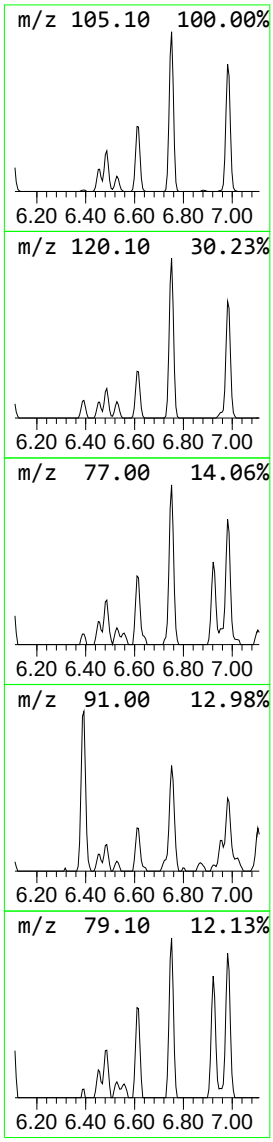
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.610	2.34 ng	85411	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143567.D
Acq On : 22 Aug 2025 12:31
Operator : RC/JU
Sample : Q2903-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1C-081925

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

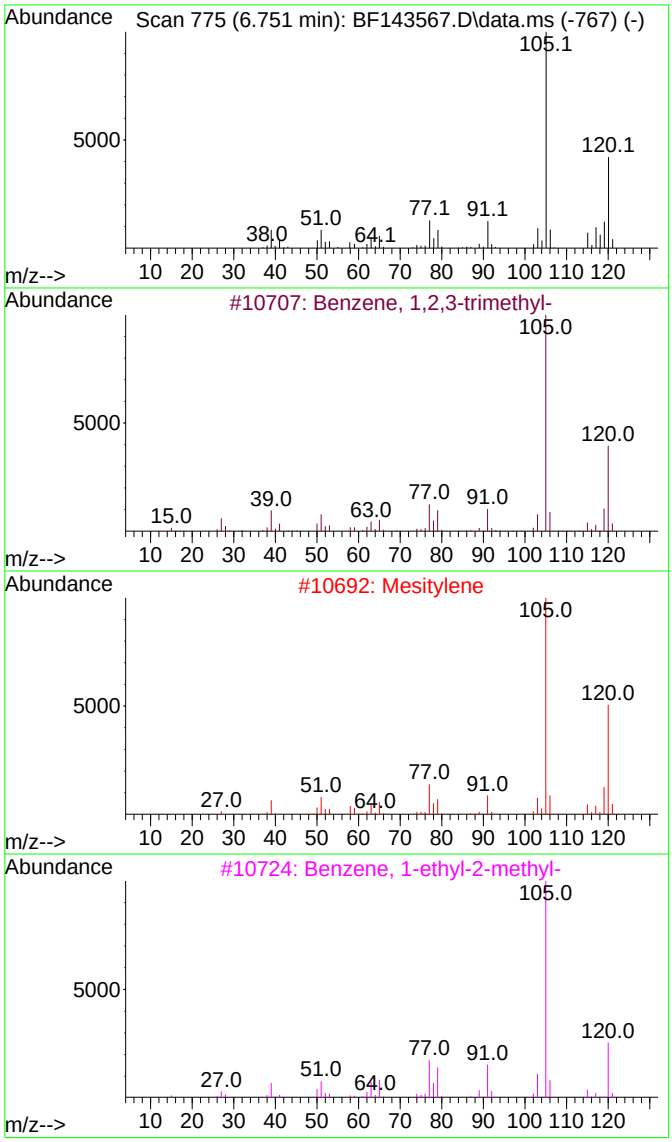
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TIC Integration Parameters: LSCINT.P

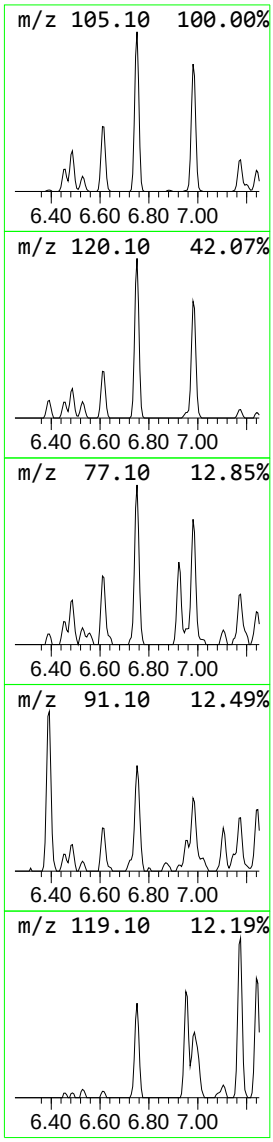
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Peak Number 6 unknown6.751 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.751	5.52 ng	200926	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143567.D
Acq On : 22 Aug 2025 12:31
Operator : RC/JU
Sample : Q2903-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1C-081925

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

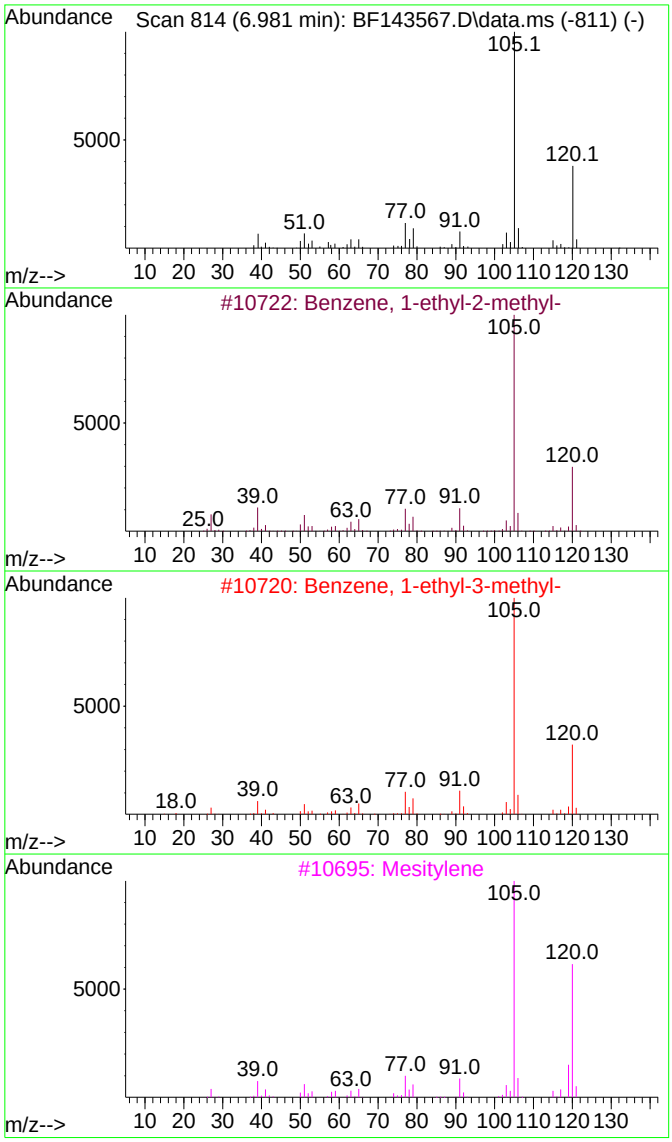
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

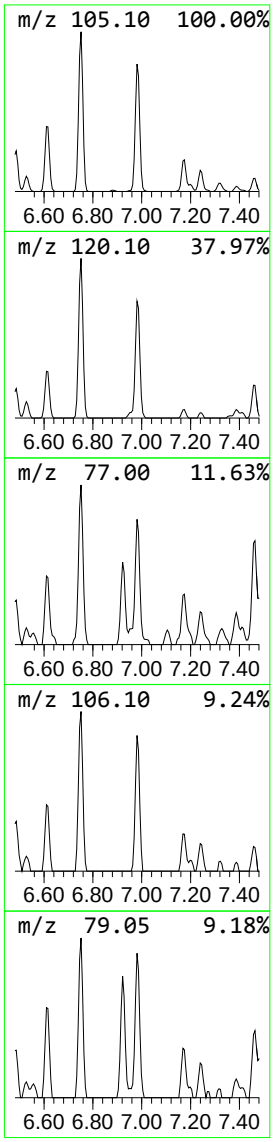
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Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.981	3.58 ng	130493	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
3	Mesitylene	120	C9H12	000108-67-8	90
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143567.D
Acq On : 22 Aug 2025 12:31
Operator : RC/JU
Sample : Q2903-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-1C-081925

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

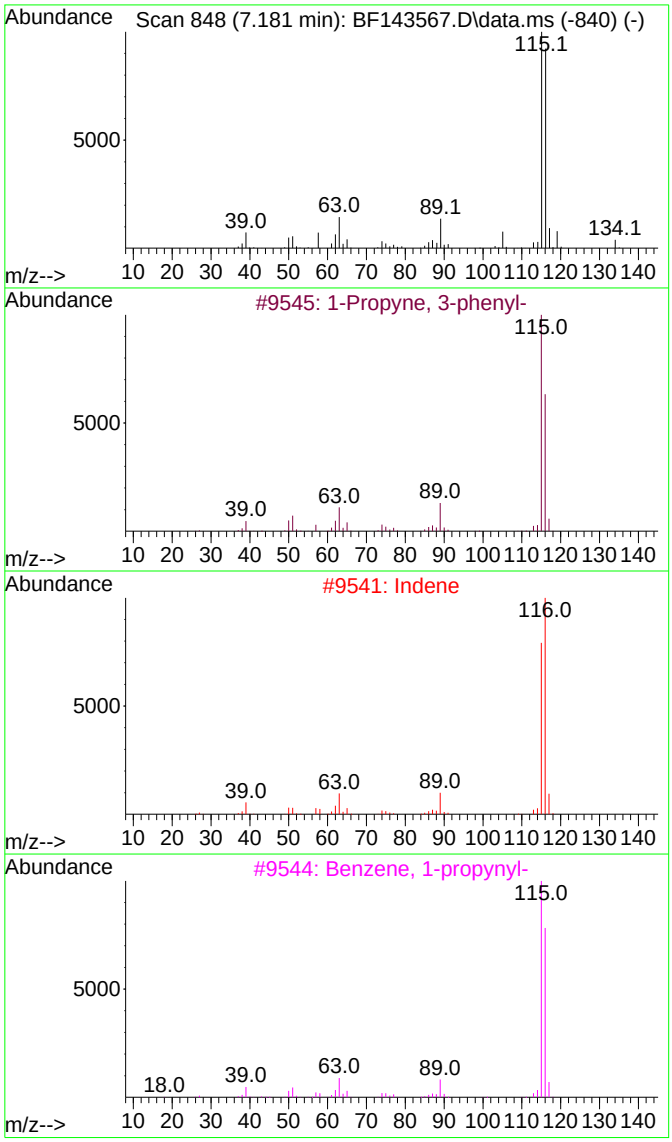
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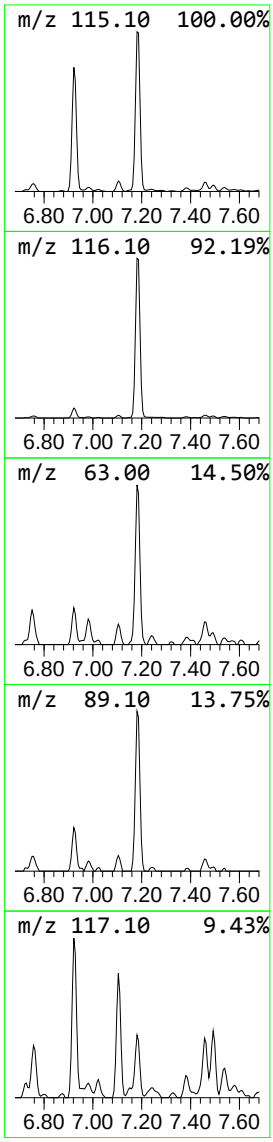
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Peak Number 8 1-Propyne, 3-phenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.181	9.94 ng	361948	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	97
2	Indene	116	C9H8	000095-13-6	97
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143567.D
Acq On : 22 Aug 2025 12:31
Operator : RC/JU
Sample : Q2903-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-1C-081925

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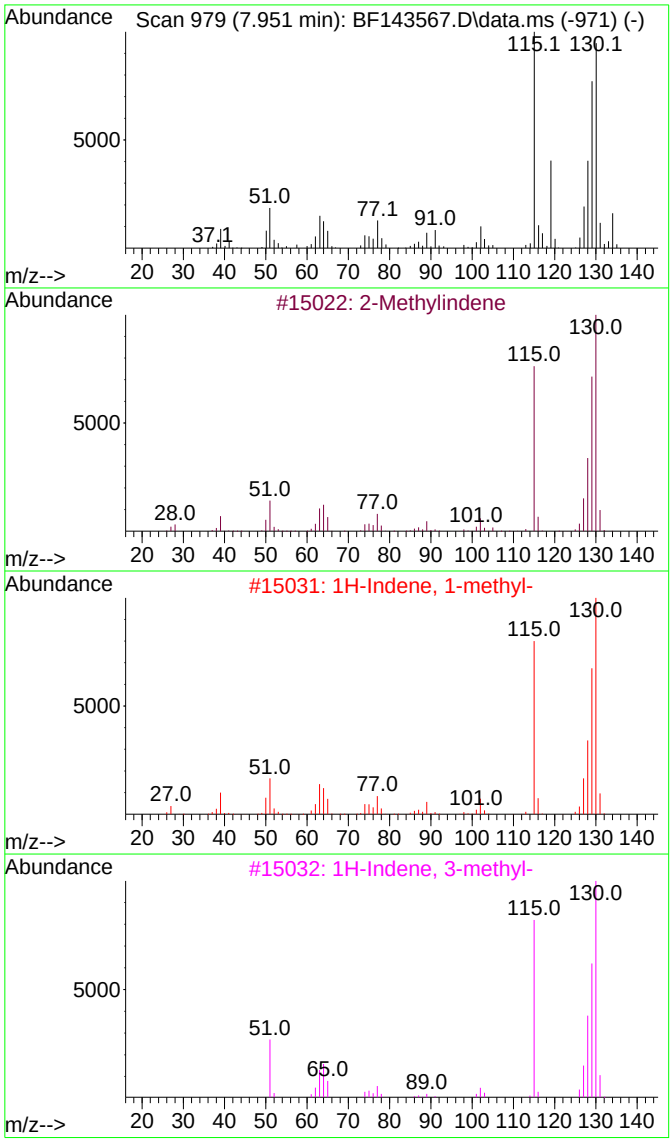
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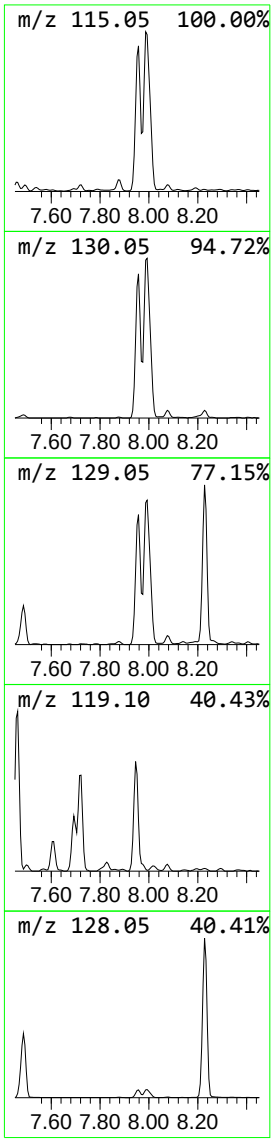
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Peak Number 9 1H-Indene, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.951	7.09 ng	584637	Naphthalene-d8	8.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	95
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143567.D
Acq On : 22 Aug 2025 12:31
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ClientSampleId :
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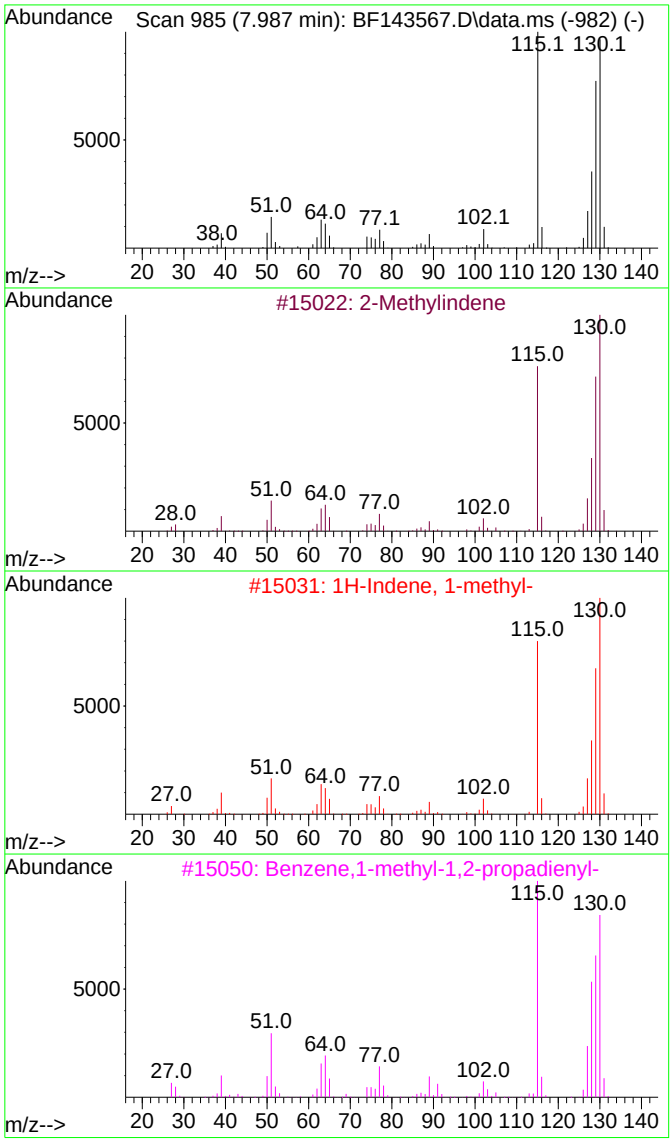
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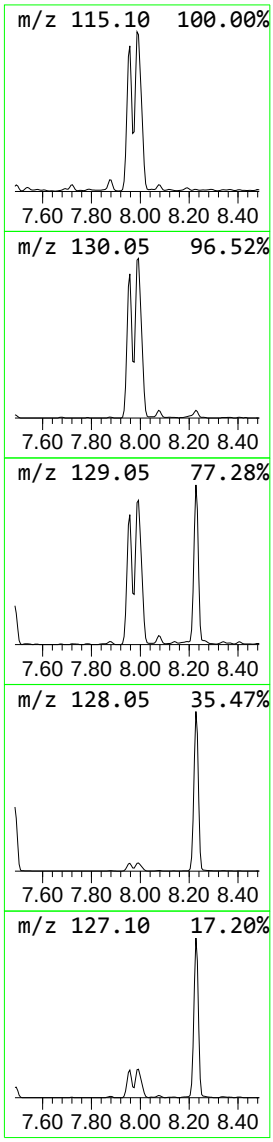
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TIC Integration Parameters: LSCINT.P

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Peak Number 10 1H-Indene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.987	7.80 ng	642433	Naphthalene-d8	8.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
3	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
4	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143567.D
Acq On : 22 Aug 2025 12:31
Operator : RC/JU
Sample : Q2903-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1C-081925

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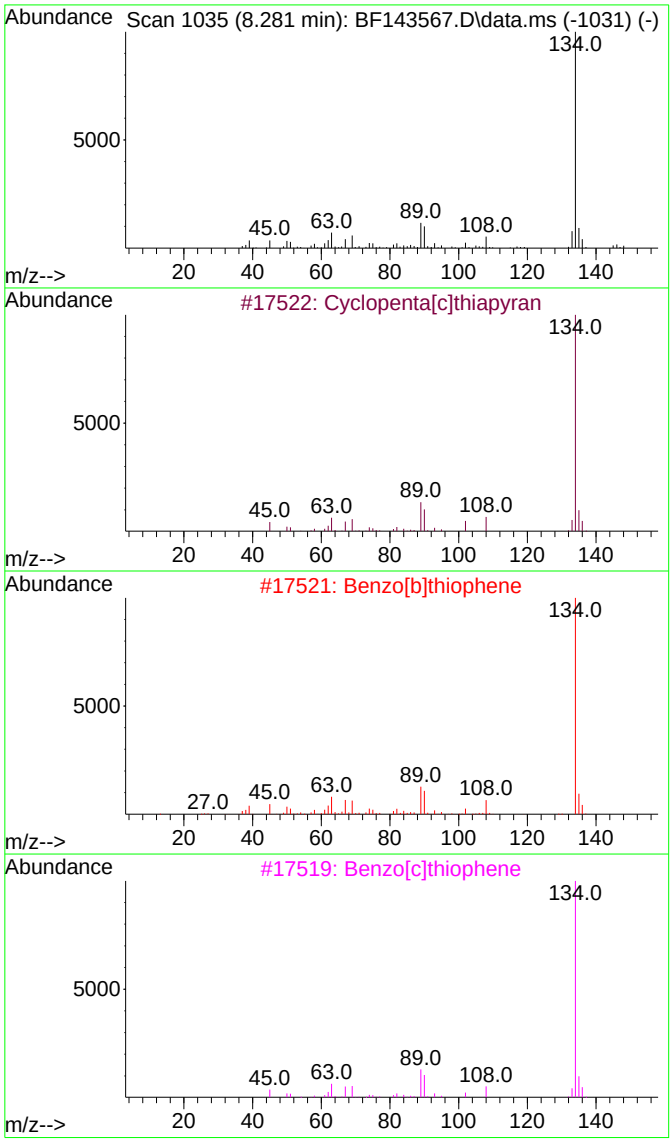
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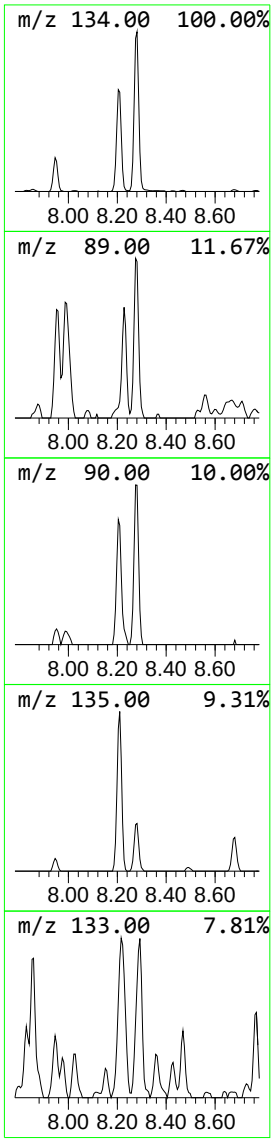
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Peak Number 11 Cyclopenta[c]thiapyran Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.281	2.30 ng	189181	Naphthalene-d8	8.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	93
3	Benzo[c]thiophene	134	C8H6S	000270-82-6	91
4	Thiazolidin-4-one, 5-benzylideno...	287	C13H9N3OS2	351062-07-2	64
5	3-Deazaadenine	134	C6H6N4	006811-77-4	45





Sample Results: **BF143567.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143567.D
Acq On : 22 Aug 2025 12:31
Operator : RC/JU
Sample : Q2903-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

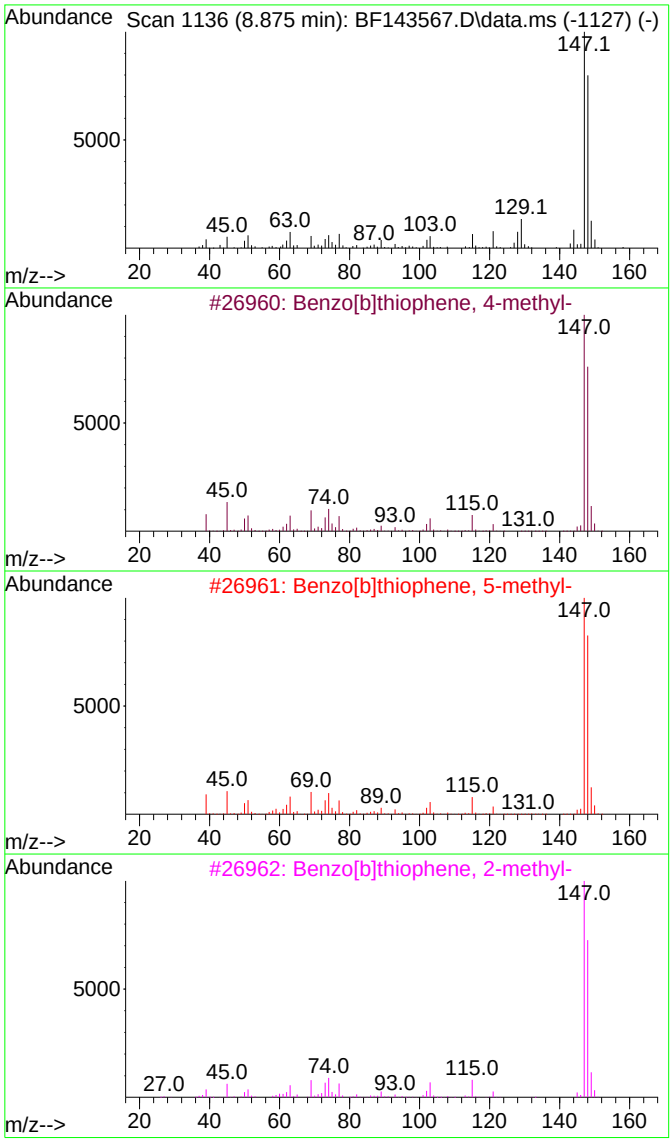
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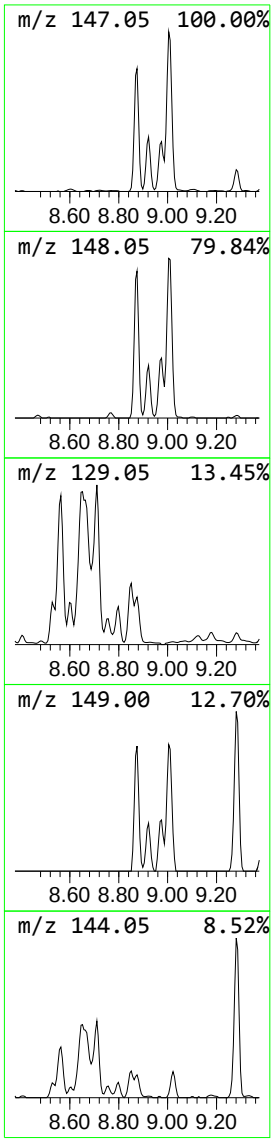
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Peak Number 12 Benzo[b]thiophene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.875	2.78 ng	229098	Naphthalene-d8	8.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	90
2	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	90
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
5	Benzene, 1-ethynyl-2-(methylthio)-	148	C9H8S	078905-08-5	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143567.D
Acq On : 22 Aug 2025 12:31
Operator : RC/JU
Sample : Q2903-02
Misc :
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Instrument :
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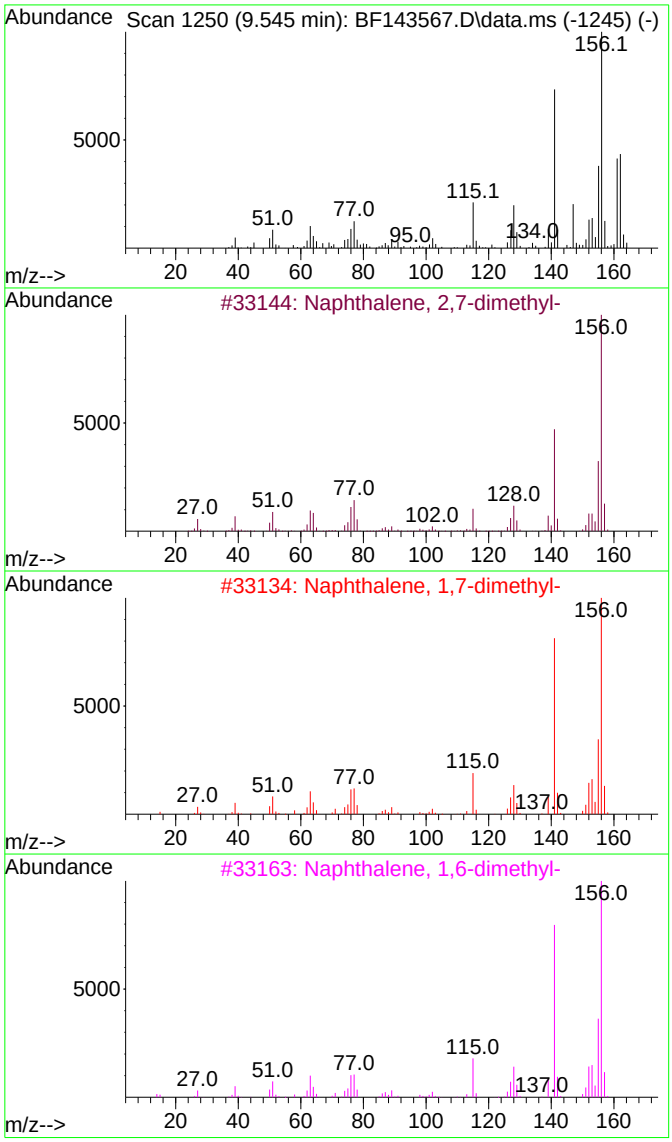
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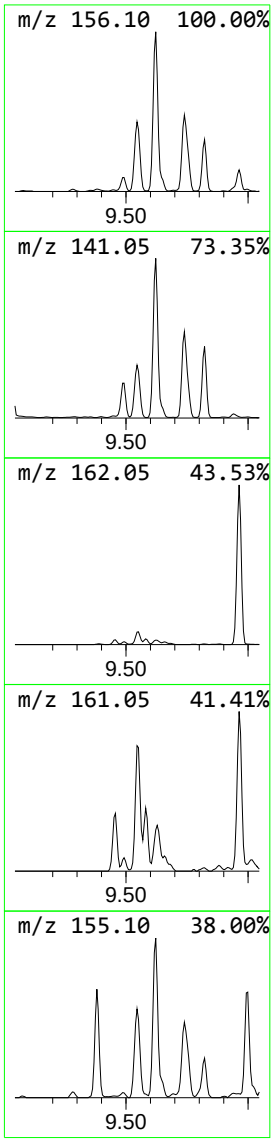
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Peak Number 13 Naphthalene, 2,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.545	5.74 ng	377549	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143567.D
Acq On : 22 Aug 2025 12:31
Operator : RC/JU
Sample : Q2903-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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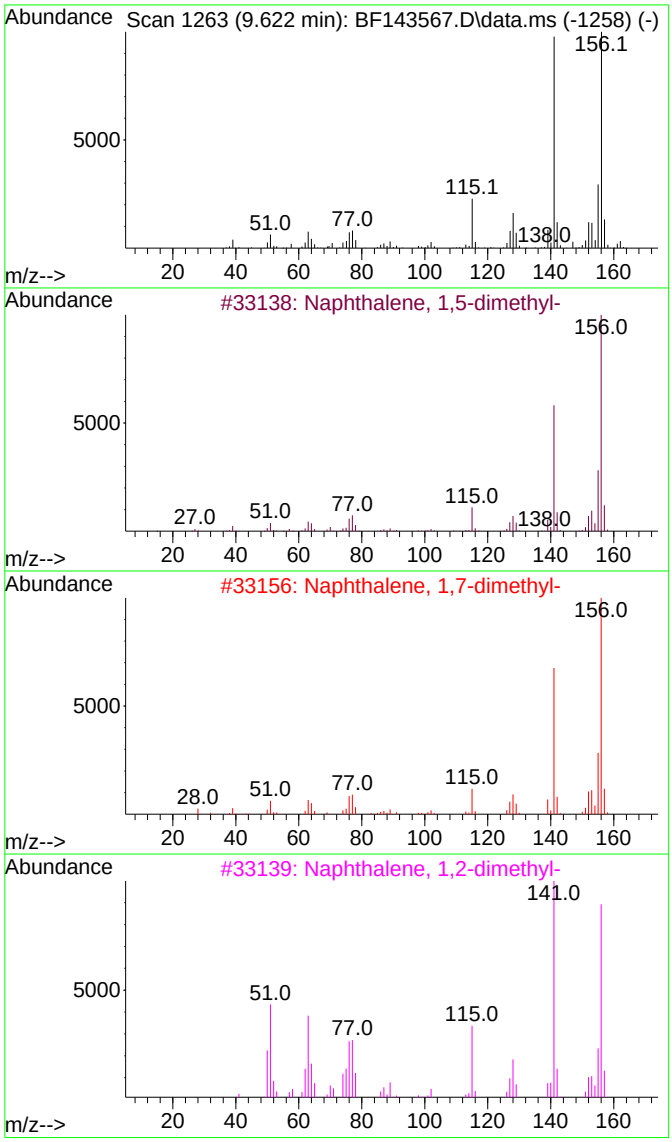
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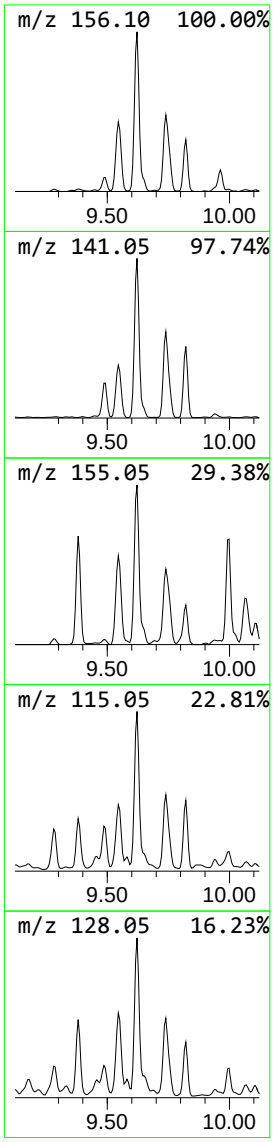
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Peak Number 14 Naphthalene, 1,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.622	8.50 ng	558554	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, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143567.D
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Operator : RC/JU
Sample : Q2903-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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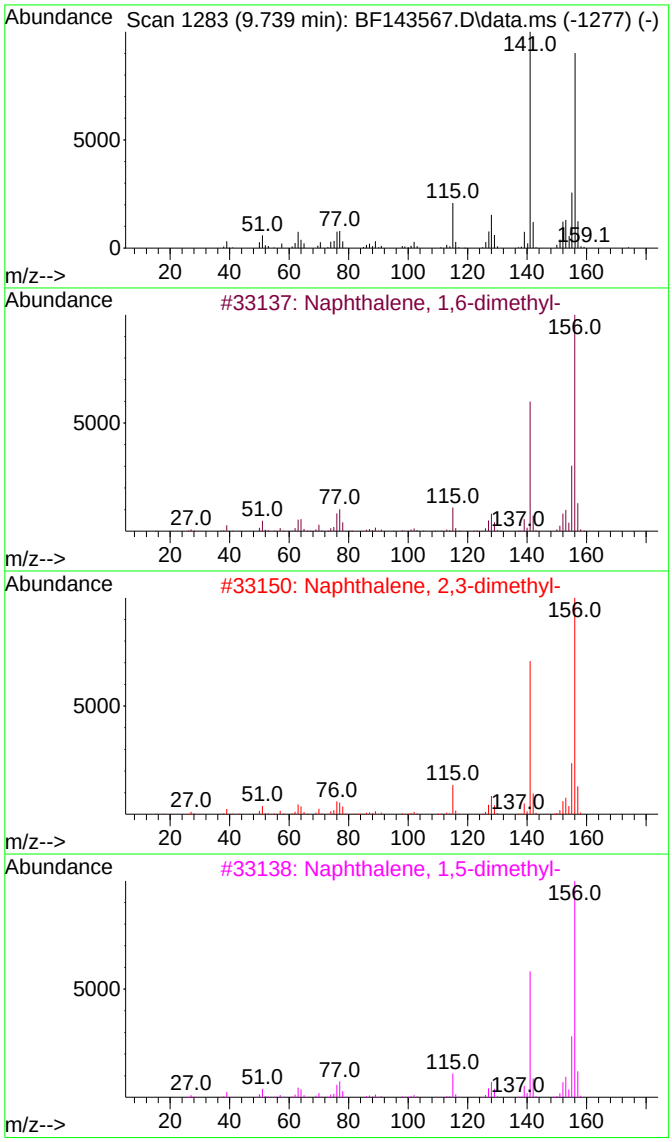
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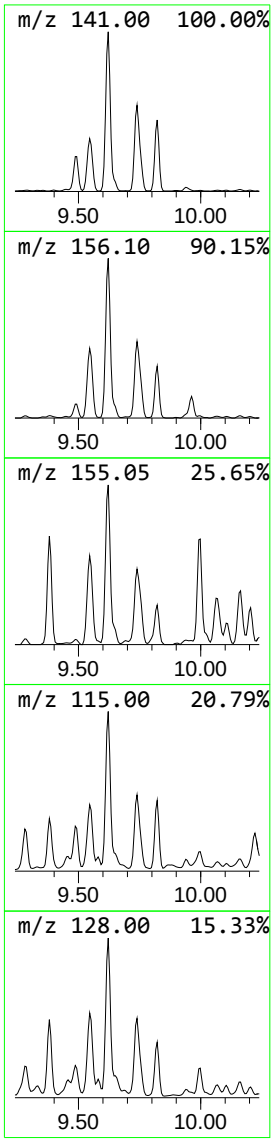
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Peak Number 15 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.739	5.35 ng	351475	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Sample Results: **BF143567.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143567.D
Acq On : 22 Aug 2025 12:31
Operator : RC/JU
Sample : Q2903-02
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ClientSampleId :
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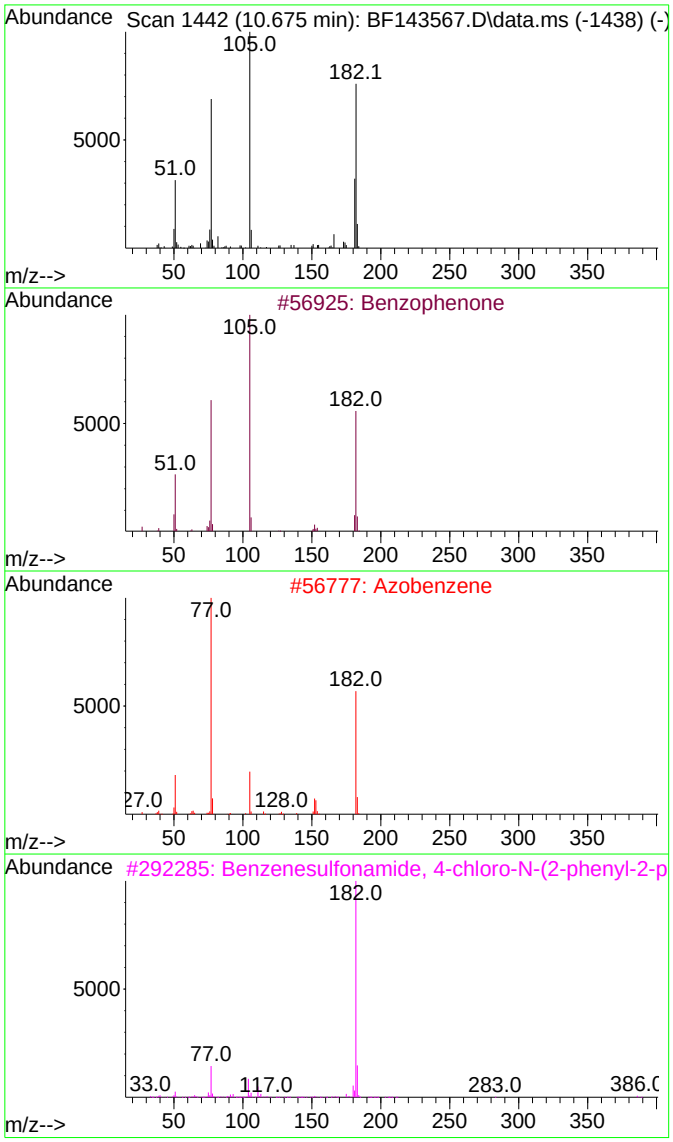
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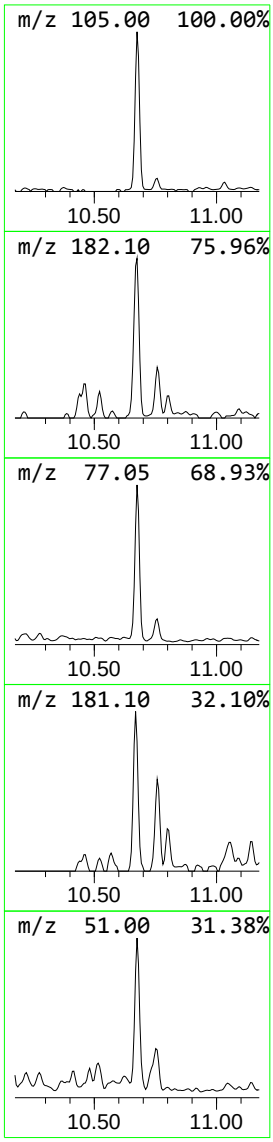
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Peak Number 16 Benzophenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.675	2.51 ng	164763	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	93
2	Azobenzene	182	C12H10N2	000103-33-3	59
3	Benzenesulfonamide, 4-chloro-N-(...	386	C20H19ClN2O2S	112252-40-1	53
4	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	41
5	Benzoylformic acid	150	C8H6O3	000611-73-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143567.D
Acq On : 22 Aug 2025 12:31
Operator : RC/JU
Sample : Q2903-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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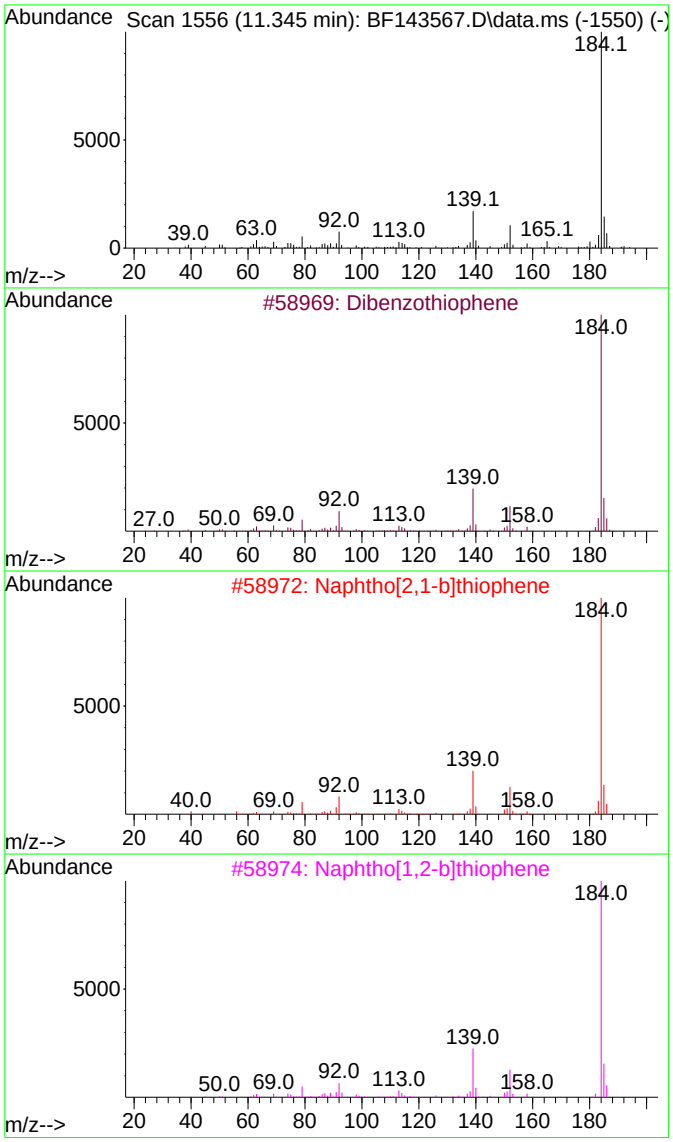
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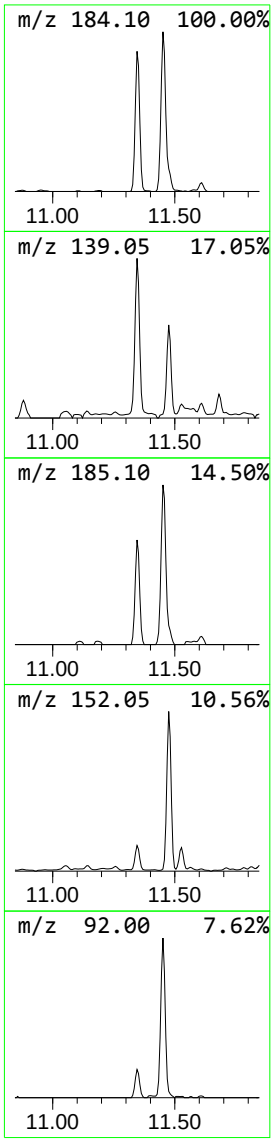
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Peak Number 17 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.345	2.22 ng	172396	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143567.D
Acq On : 22 Aug 2025 12:31
Operator : RC/JU
Sample : Q2903-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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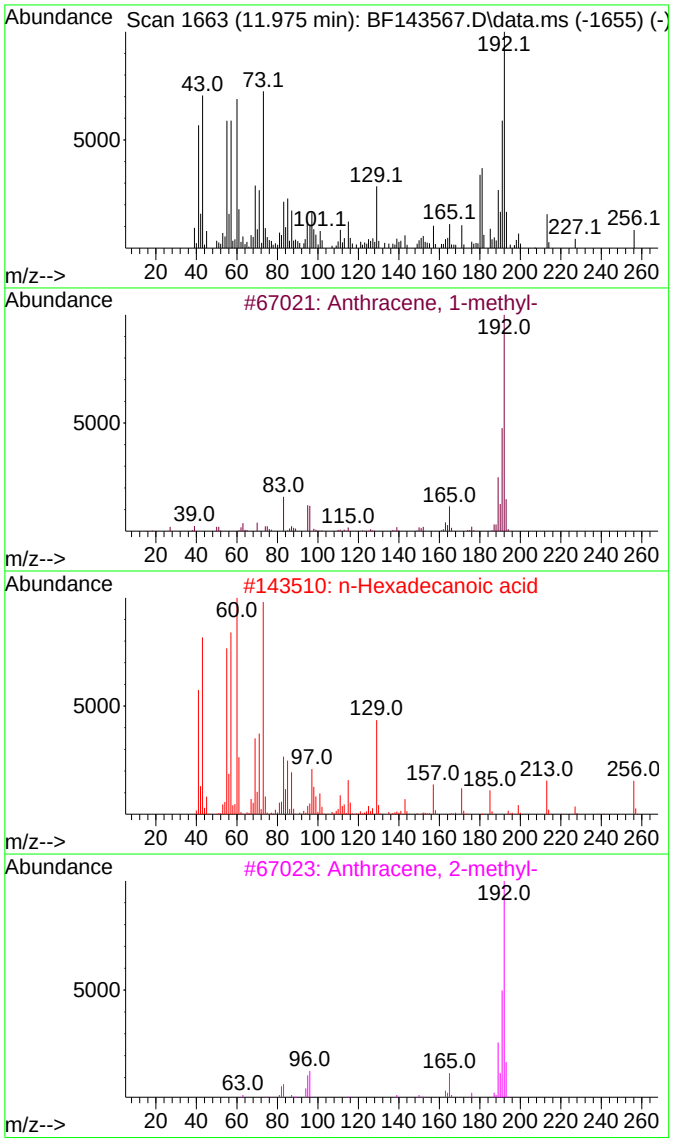
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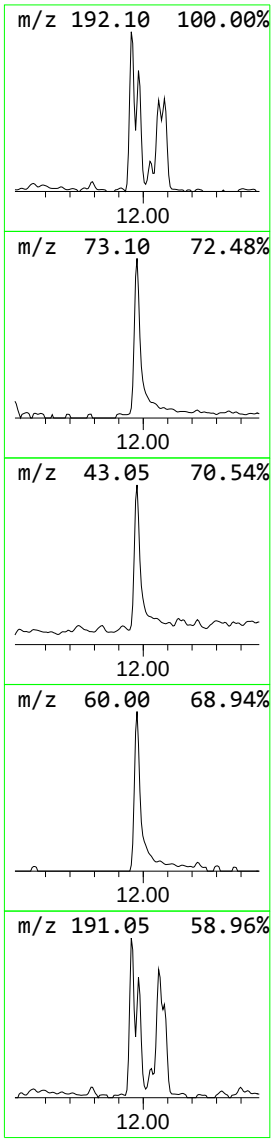
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Peak Number 18 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	4.17 ng	323305	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	59





Sample Results: **BF143567.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143567.D
Acq On : 22 Aug 2025 12:31
Operator : RC/JU
Sample : Q2903-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1C-081925

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...	2.258	97.5	ng	3550230	1	6.922	728611	20.0
2-Pentanone, 4-...	5.157	4.6	ng	168511	1	6.922	728611	20.0
Benzene, 1,3-di...	5.422	3.5	ng	128650	1	6.922	728611	20.0
Benzene, 1-ethy...	6.610	2.3	ng	85411	1	6.922	728611	20.0
unknown6.751	6.751	5.5	ng	200926	1	6.922	728611	20.0
Benzene, 1-ethy...	6.981	3.6	ng	130493	1	6.922	728611	20.0
1-Propyne, 3-ph...	7.181	9.9	ng	361948	1	6.922	728611	20.0
1H-Indene, 3-me...	7.951	7.1	ng	584637	2	8.204	1648120	20.0
1H-Indene, 1-me...	7.987	7.8	ng	642433	2	8.204	1648120	20.0
Cyclopenta[c]th...	8.281	2.3	ng	189181	2	8.204	1648120	20.0
Benzo[b]thiophe...	8.875	2.8	ng	229098	2	8.204	1648120	20.0
Naphthalene, 2,...	9.545	5.7	ng	377549	3	9.963	1314980	20.0
Naphthalene, 1,...	9.622	8.5	ng	558554	3	9.963	1314980	20.0
Naphthalene, 1,...	9.739	5.3	ng	351475	3	9.963	1314980	20.0
Benzophenone	10.675	2.5	ng	164763	3	9.963	1314980	20.0
Dibenzothiophene	11.345	2.2	ng	172396	4	11.451	1552290	20.0
Anthracene, 1-m...	11.975	4.2	ng	323305	4	11.451	1552290	20.0

Raw Data: **BF143568.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-03	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
BF143568.D	1	08/21/25 08:50	08/22/25 13:00	PB169330

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	10.5	U	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	5.30	U	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	5.30	U	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	5.30	U	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: **BF143568.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-03	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
BF143568.D	1	08/21/25 08:50	08/22/25 13:00	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.30	U	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	5.30	U	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	5.30	U	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	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	0.66	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	5.30	U	0.53	5.30	ug/L
120-12-7	Anthracene	5.30	U	0.64	5.30	ug/L
86-74-8	Carbazole	5.30	U	0.76	5.30	ug/L
84-74-2	Di-n-butylphthalate	5.30	UQ	1.30	5.30	ug/L
206-44-0	Fluoranthene	5.30	U	0.86	5.30	ug/L
129-00-0	Pyrene	5.30	U	0.53	5.30	ug/L
85-68-7	Butylbenzylphthalate	5.30	UQ	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: **BF143568.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-03	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
BF143568.D	1	08/21/25 08:50	08/22/25 13:00	PB169330

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	64.4		23 - 138	43%	SPK: 150
13127-88-3	Phenol-d6	41.7		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	90.9		67 - 132	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.8		52 - 132	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	158		44 - 137	105%	SPK: 150
1718-51-0	Terphenyl-d14	108		42 - 152	108%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	99700	6.922			
1146-65-2	Naphthalene-d8	401000	8.204			
15067-26-2	Acenaphthene-d10	243000	9.963			
1517-22-2	Phenanthrene-d10	443000	11.451			
1719-03-5	Chrysene-d12	244000	14.098			
1520-96-3	Perylene-d12	209000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J		2.25	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.20	AB		5.15	ug/L
000119-61-9	Benzophenone	2.70	J		10.7	ug/L
000057-10-3	n-Hexadecanoic acid	4.50	J		12.0	ug/L
007683-64-9	Supraene	3.10	J		14.9	ug/L

Raw Data: **BF143568.D**

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

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-03	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
BF143568.D	1	08/21/25 08:50	08/22/25 13:00	PB169330

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_F\Data\BF082225\
Data File : BF143568.D
Acq On : 22 Aug 2025 13:00
Operator : RC/JU
Sample : Q2903-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925

Quant Time: Aug 22 13:26:16 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

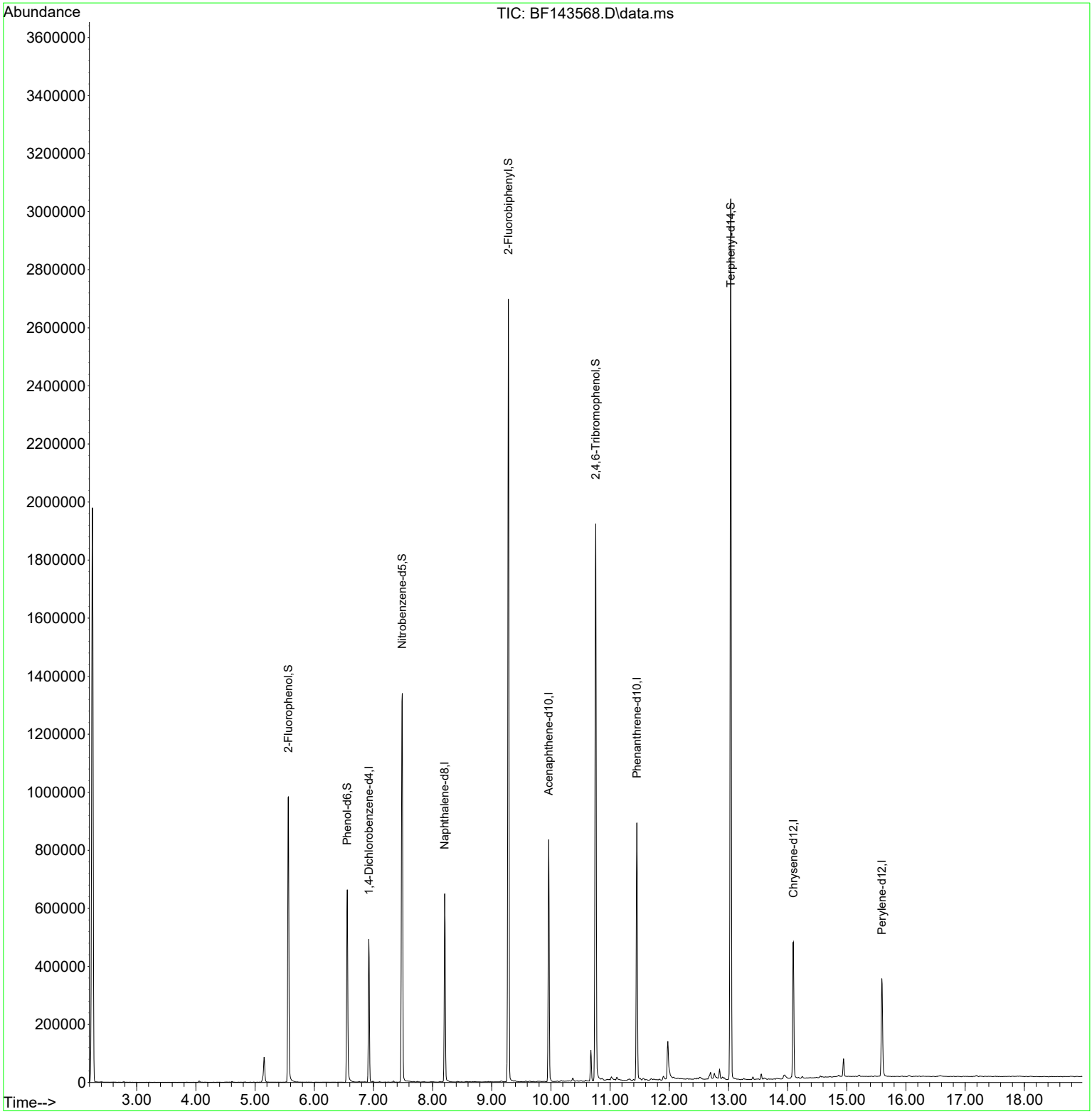
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	99679	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	401264	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	242882	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	443411	20.000	ng	0.00
76) Chrysene-d12	14.098	240	244215	20.000	ng	0.00
86) Perylene-d12	15.592	264	209082	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	367542	64.385	ng	0.00
7) Phenol-d6	6.557	99	293885	41.705	ng	-0.02
23) Nitrobenzene-d5	7.487	82	624744	90.855	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	356913	157.865	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1187697	80.816	ng	0.00
79) Terphenyl-d14	13.039	244	1513655	108.158	ng	0.00
Target Compounds						Qvalue

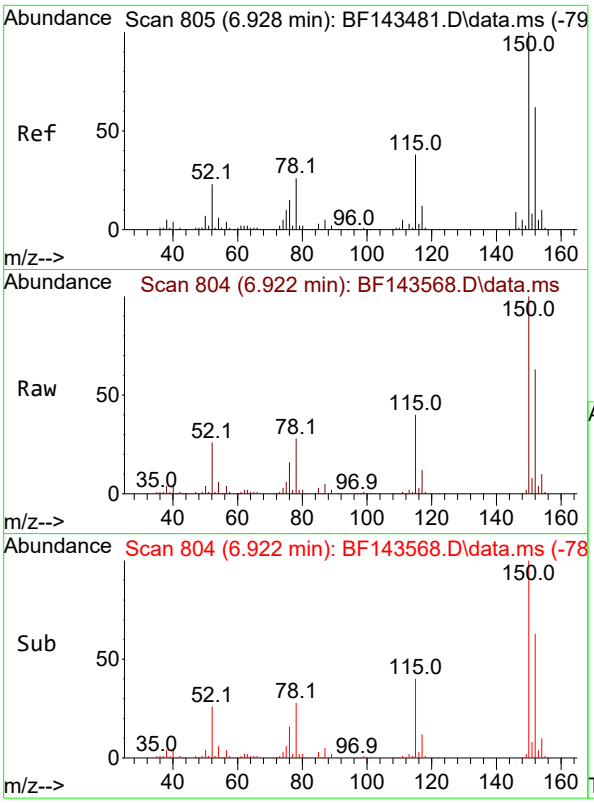
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143568.D
Acq On : 22 Aug 2025 13:00
Operator : RC/JU
Sample : Q2903-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925

Quant Time: Aug 22 13:26:16 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



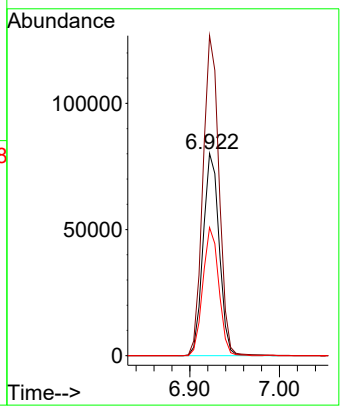


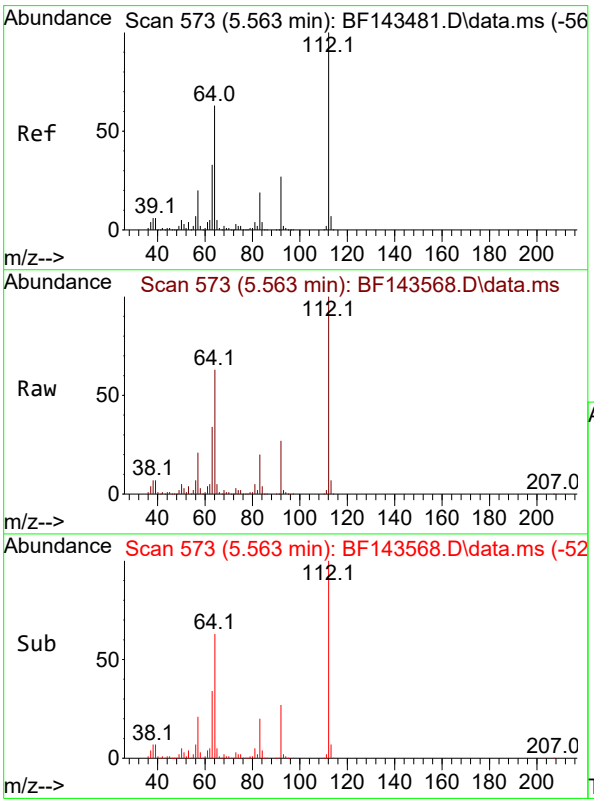
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143568.D
Acq: 22 Aug 2025 13:00

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925

Tgt Ion:152 Resp: 99679

Ion	Ratio	Lower	Upper
152	100		
150	158.3	128.9	193.3
115	63.4	49.2	73.8

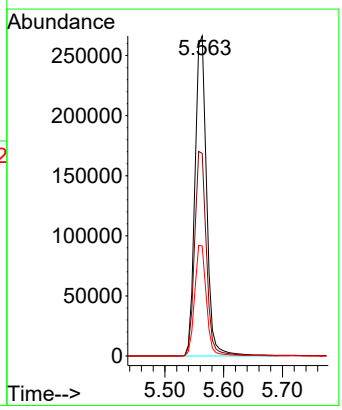


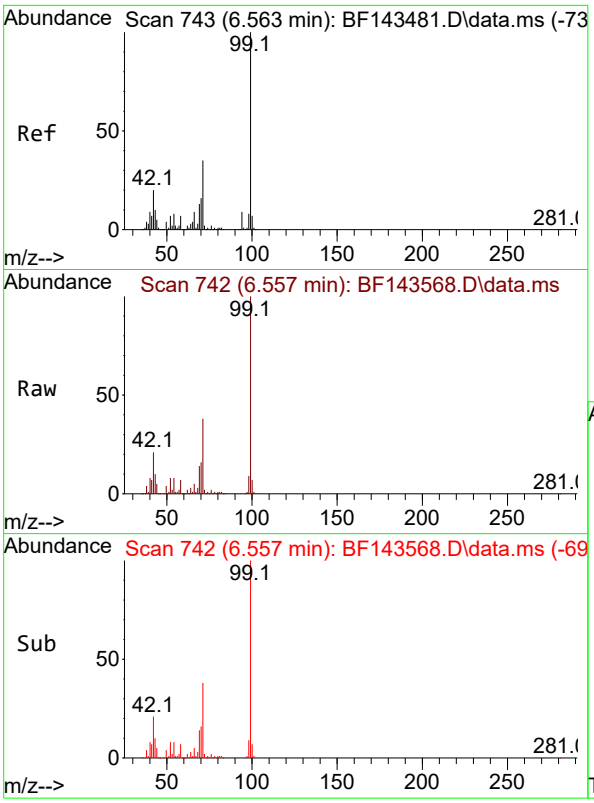


#5
2-Fluorophenol
Concen: 64.385 ng
RT: 5.563 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF143568.D
Acq: 22 Aug 2025 13:00

Tgt Ion:112 Resp: 367542

Ion	Ratio	Lower	Upper
112	100		
64	63.3	50.4	75.6
63	34.3	26.4	39.6



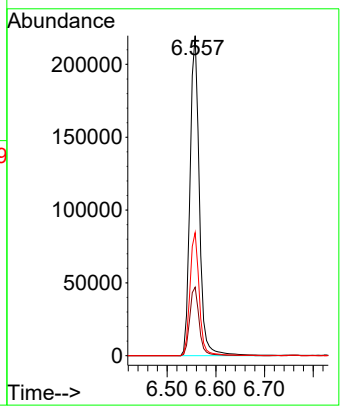


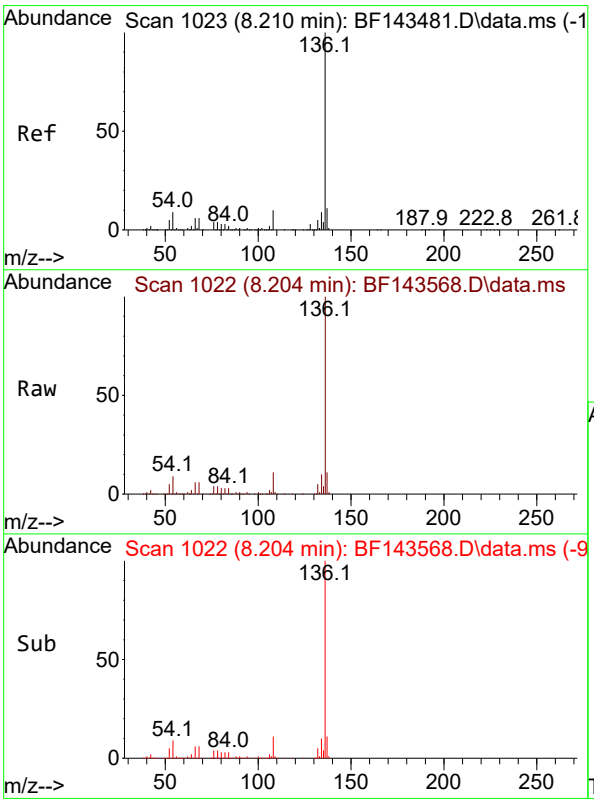
#7
Phenol-d6
Concen: 41.705 ng
RT: 6.557 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143568.D
Acq: 22 Aug 2025 13:00

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925

Tgt Ion: 99 Resp: 293885

Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.3	24.5
71	38.4	28.2	42.2

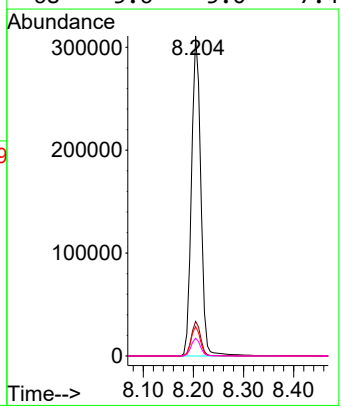


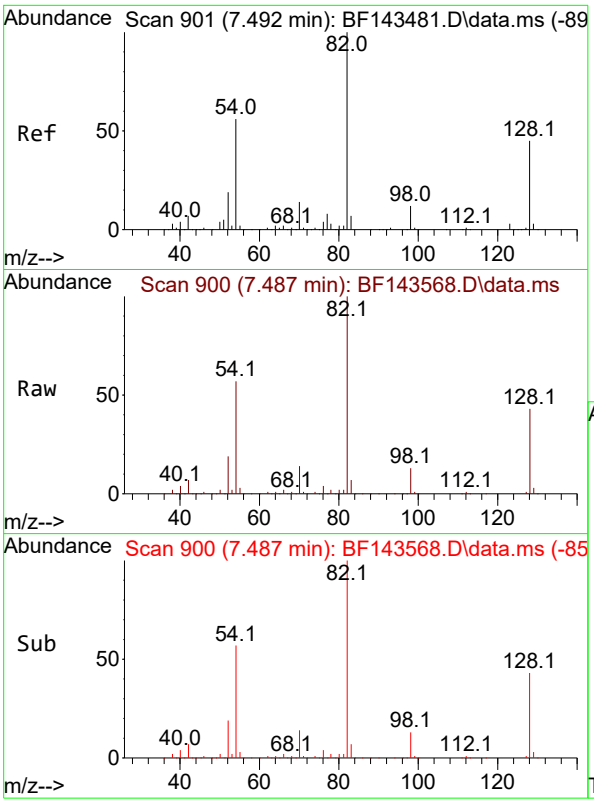


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143568.D
Acq: 22 Aug 2025 13:00

Tgt Ion:136 Resp: 401264

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	9.2	7.4	11.2
68	5.6	5.0	7.4



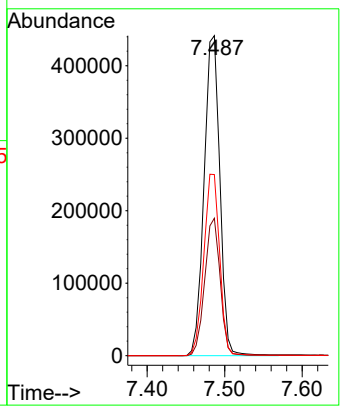


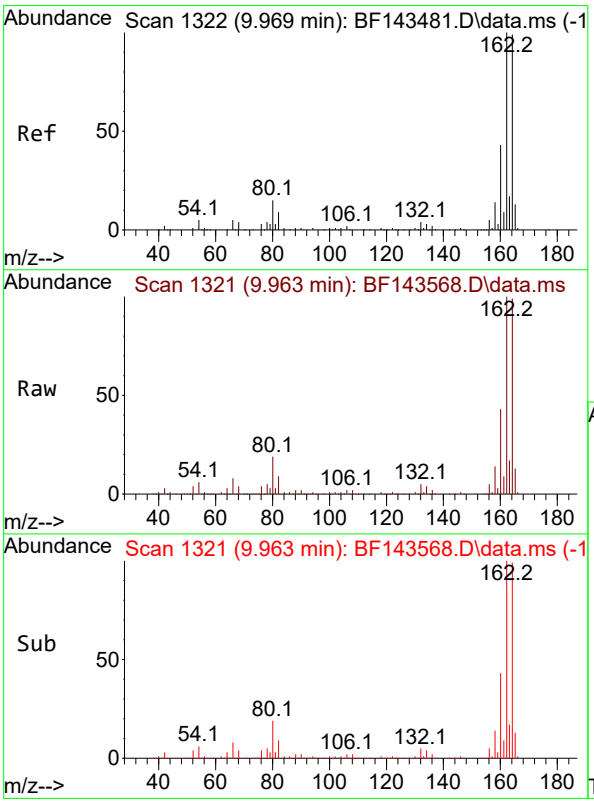
#23
Nitrobenzene-d5
Concen: 90.855 ng
RT: 7.487 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143568.D
Acq: 22 Aug 2025 13:00

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925

Tgt Ion: 82 Resp: 624744

Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.5	53.3
54	56.6	44.3	66.5

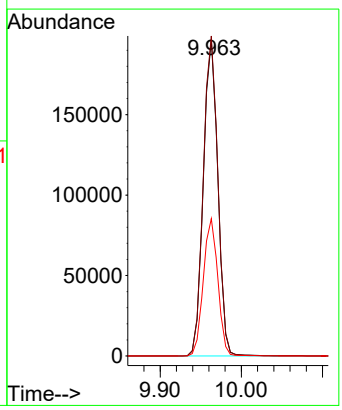


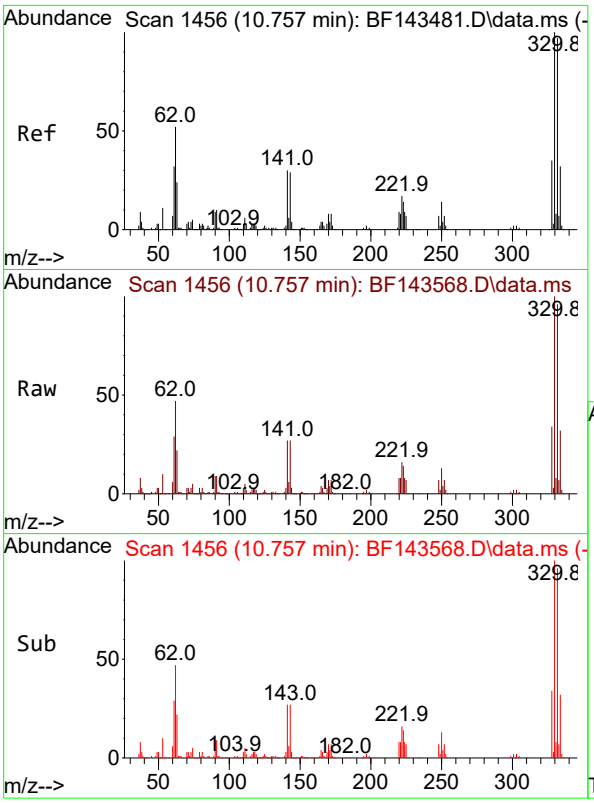


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF143568.D
Acq: 22 Aug 2025 13:00

Tgt Ion:164 Resp: 242882

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.5	120.7
160	43.4	34.3	51.5



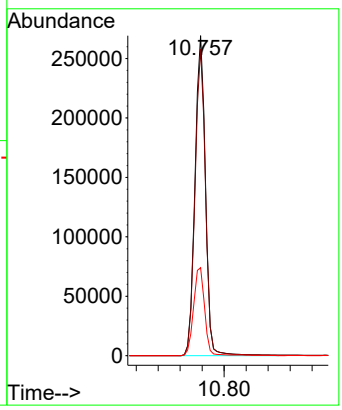


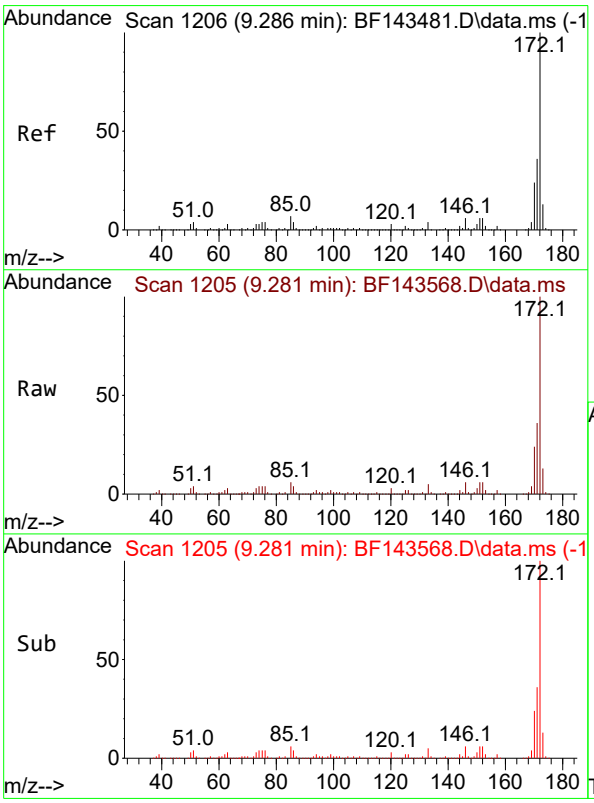
#42
2,4,6-Tribromophenol
Concen: 157.865 ng
RT: 10.757 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143568.D
Acq: 22 Aug 2025 13:00

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925

Tgt Ion:330 Resp: 356913

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.0	117.0
141	29.3	23.7	35.5

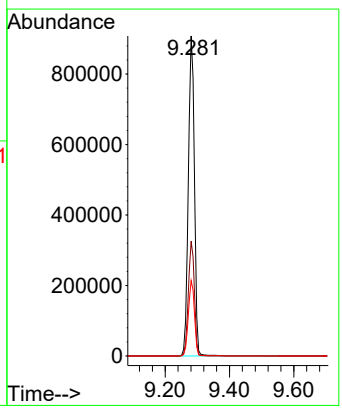


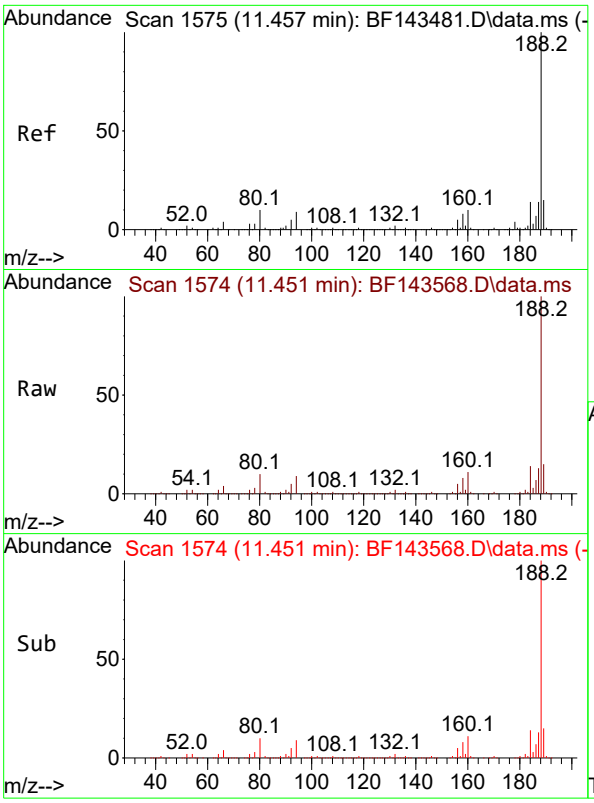


#45
2-Fluorobiphenyl
Concen: 80.816 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143568.D
Acq: 22 Aug 2025 13:00

Tgt Ion:172 Resp: 1187697

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	23.6	18.8	28.2



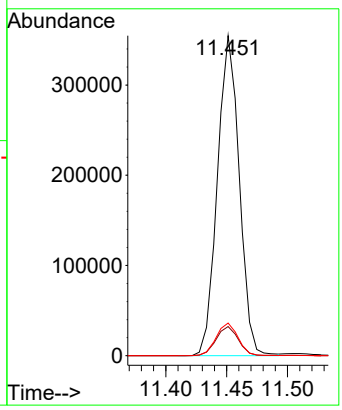


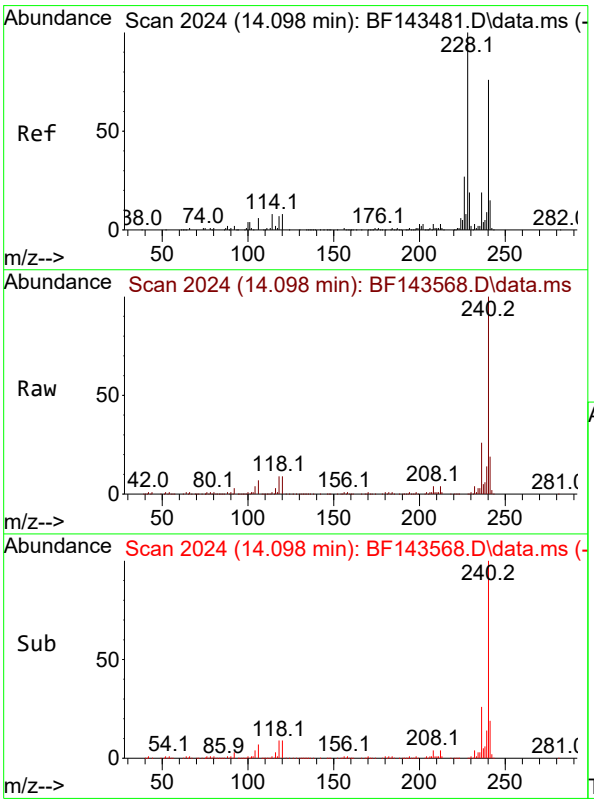
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143568.D
Acq: 22 Aug 2025 13:00

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925

Tgt Ion:188 Resp: 443411

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.4	11.2
80	10.2	8.2	12.4

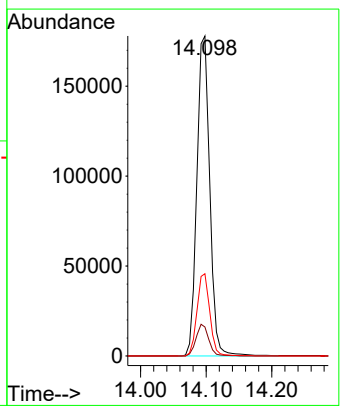


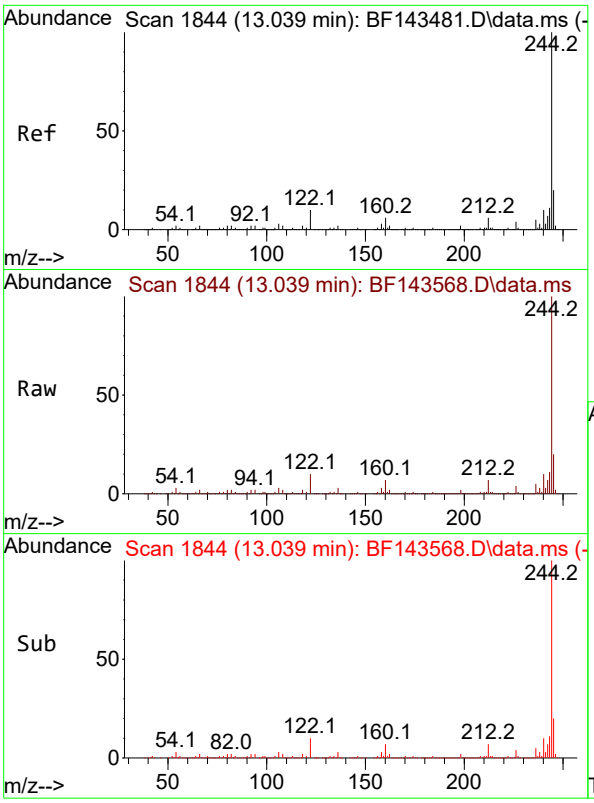


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143568.D
Acq: 22 Aug 2025 13:00

Tgt Ion:240 Resp: 244215

Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.6	12.8
236	25.7	20.4	30.6



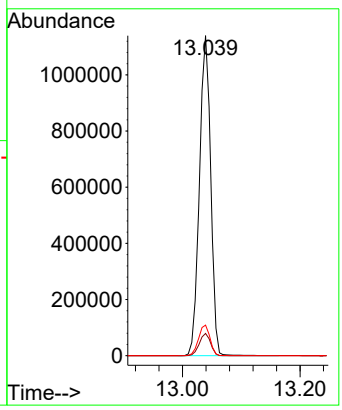


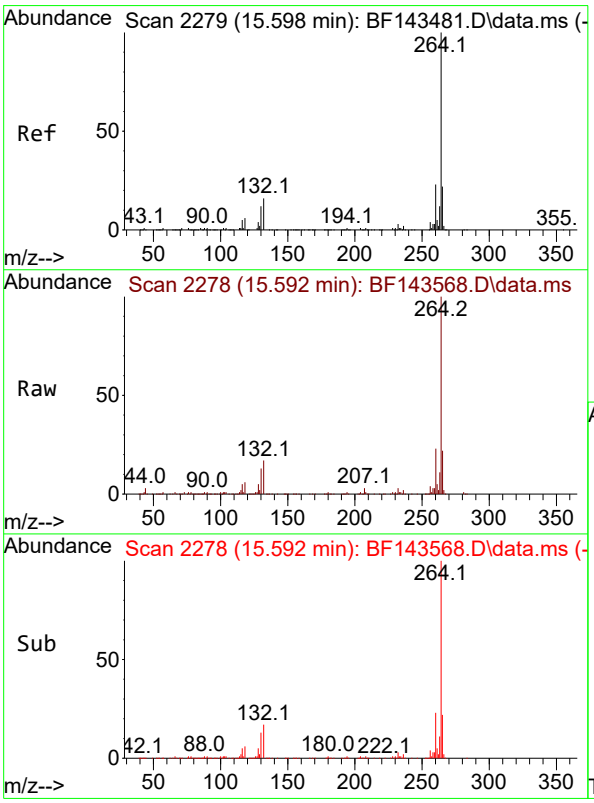
#79
Terphenyl-d14
Concen: 108.158 ng
RT: 13.039 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143568.D
Acq: 22 Aug 2025 13:00

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925

Tgt Ion:244 Resp: 1513655

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.2	7.8
122	9.6	7.9	11.9

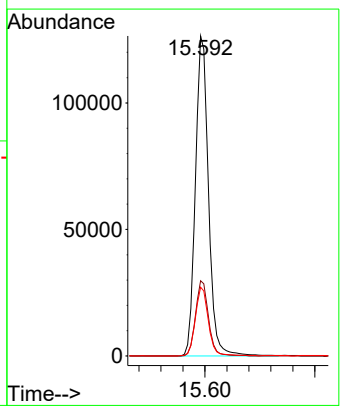




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF143568.D
Acq: 22 Aug 2025 13:00

Tgt Ion:264 Resp: 209082

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.5	17.6	26.4



Sample Results: **BF143568.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143568.D
Acq On : 22 Aug 2025 13:00
Operator : RC/JU
Sample : Q2903-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925

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: BF143568.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	23	rVB	1978436	3255003	80.64%	14.164%
2	5.152	494	503	521	rVB2	86049	148903	3.69%	0.648%
3	5.563	567	573	595	rVB	981960	1364148	33.80%	5.936%
4	6.557	737	742	768	rBV	663725	896596	22.21%	3.901%
5	6.922	799	804	812	rBV	492837	603723	14.96%	2.627%
6	7.487	893	900	911	rBV	1338584	1886013	46.73%	8.207%
7	8.204	1017	1022	1038	rBV	648714	831111	20.59%	3.616%
8	9.281	1199	1205	1210	rBV	2696055	3482263	86.27%	15.152%
9	9.963	1315	1321	1326	rBV	834250	1040013	25.77%	4.525%
10	10.675	1437	1442	1448	rBV	107114	135828	3.37%	0.591%
11	10.757	1450	1456	1470	rBV	1917880	2631399	65.19%	11.450%
12	11.451	1569	1574	1581	rBV	886960	1117966	27.70%	4.865%
13	11.975	1658	1663	1677	rBV2	129577	237362	5.88%	1.033%
14	12.698	1778	1786	1790	rBV3	22688	45184	1.12%	0.197%
15	13.039	1838	1844	1849	rBV	3032628	4036393	100.00%	17.564%
16	14.098	2016	2024	2033	rBV	468204	644430	15.97%	2.804%
17	14.945	2163	2168	2173	rBV	61020	81208	2.01%	0.353%
18	15.592	2272	2278	2290	rBV	336049	543932	13.48%	2.367%

Sum of corrected areas: 22981475

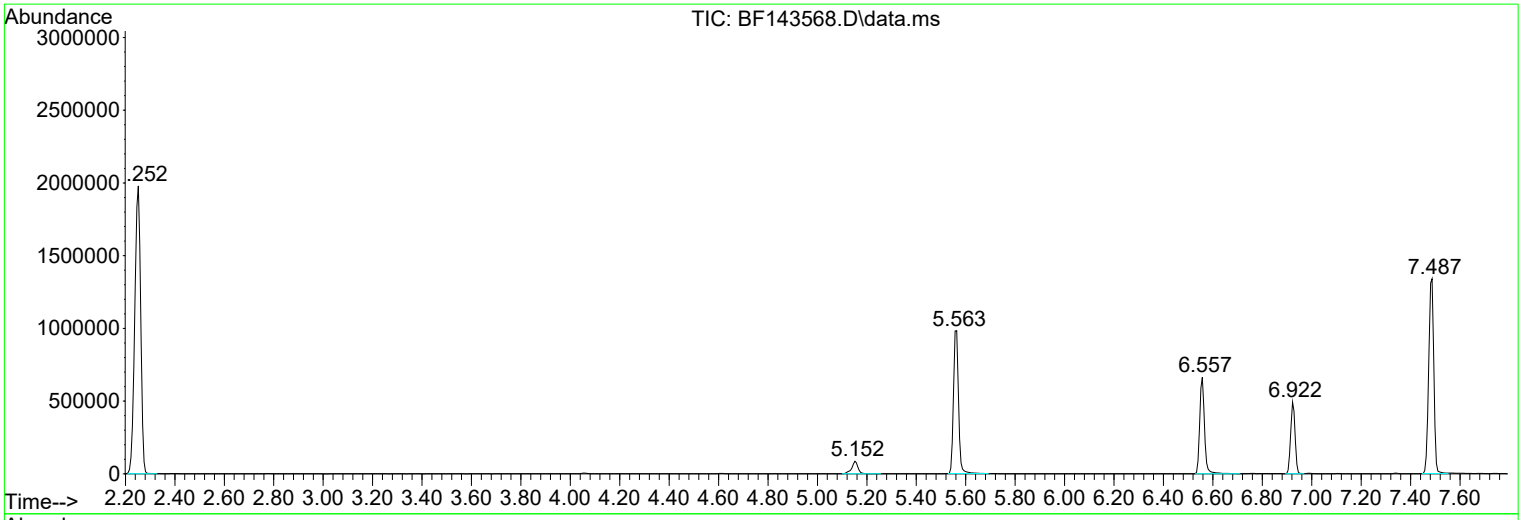
Sample Results: **BF143568.D**

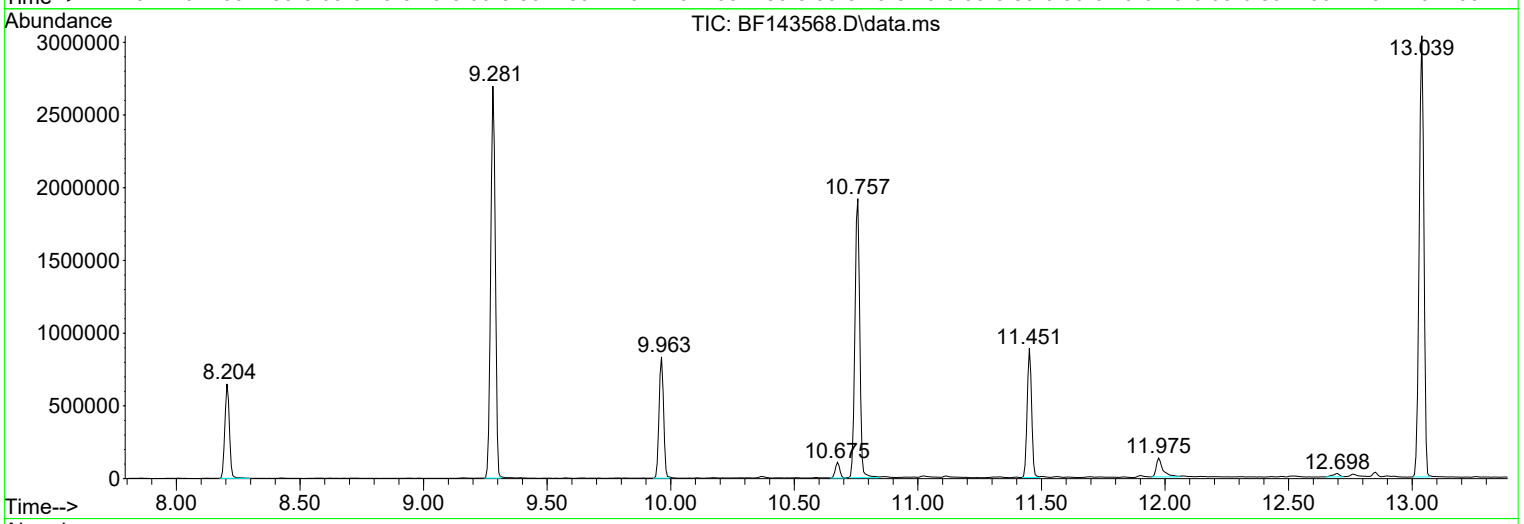
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143568.D
Acq On : 22 Aug 2025 13:00
Operator : RC/JU
Sample : Q2903-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

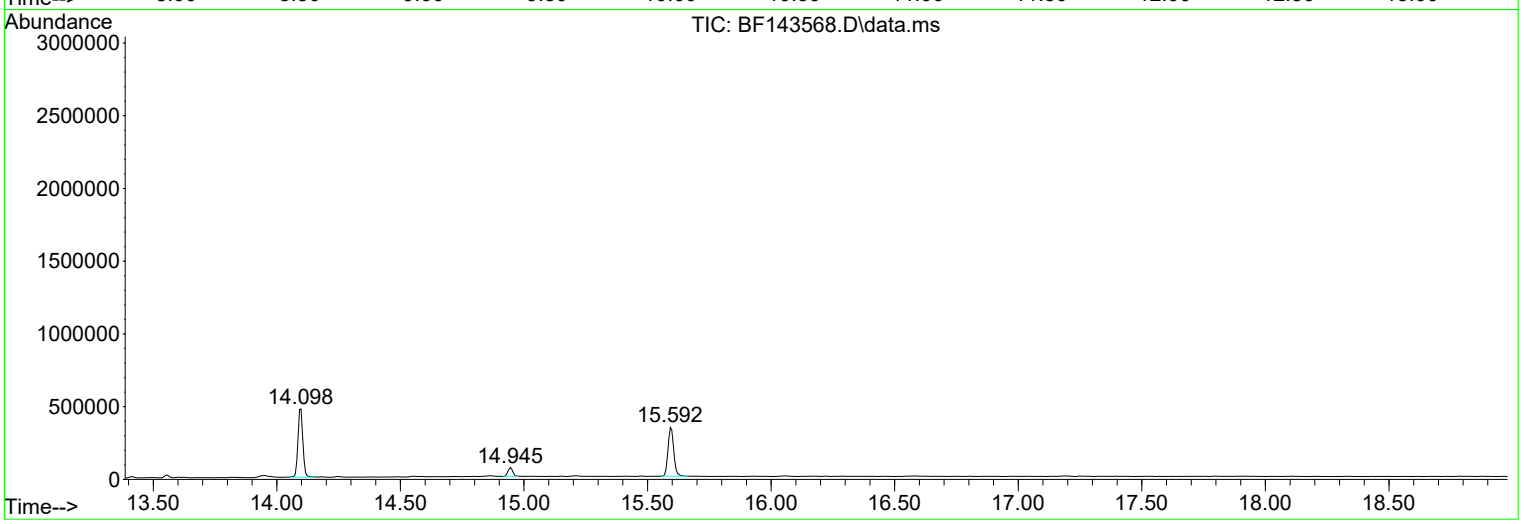
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925

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 : BF143568.D
Acq On : 22 Aug 2025 13:00
Operator : RC/JU
Sample : Q2903-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925

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

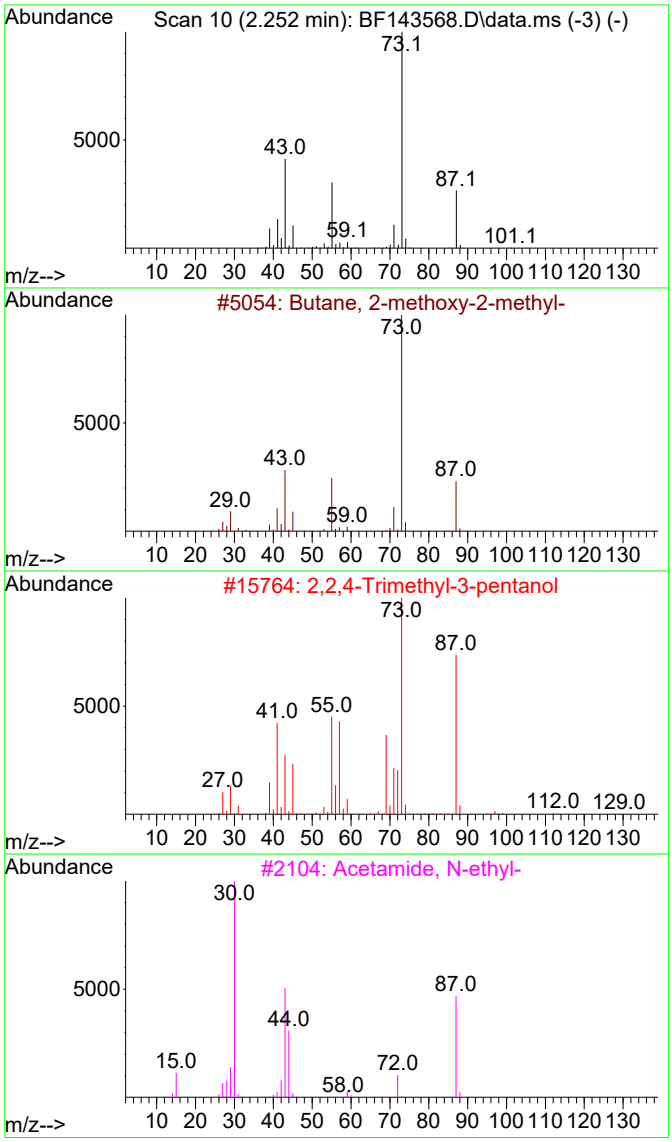
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

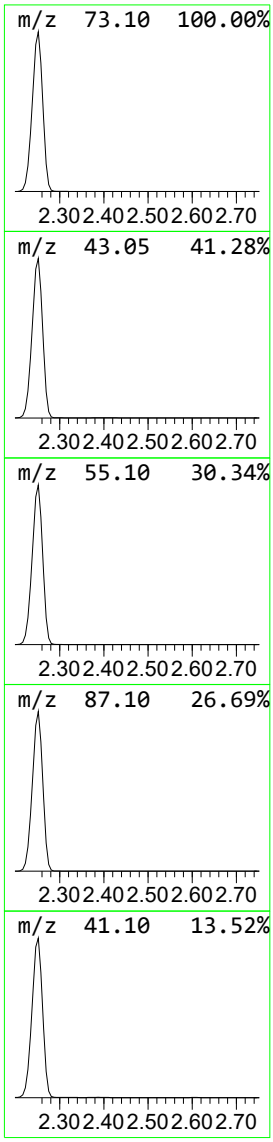
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.252	107.83 ng	3255000	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	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143568.D
Acq On : 22 Aug 2025 13:00
Operator : RC/JU
Sample : Q2903-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925

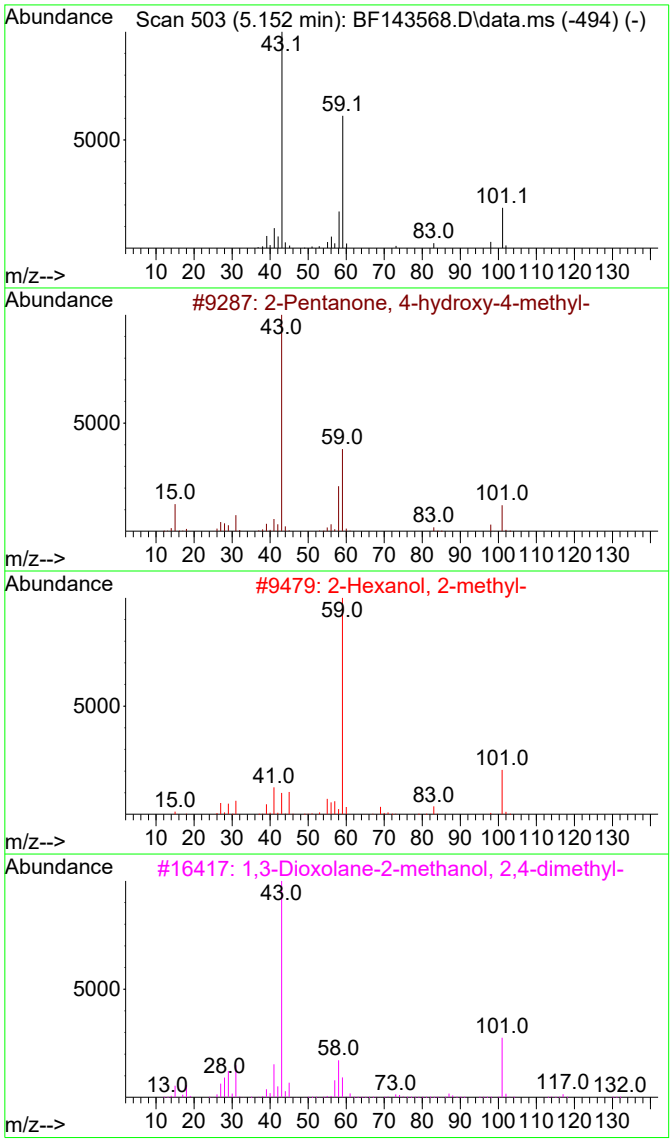
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

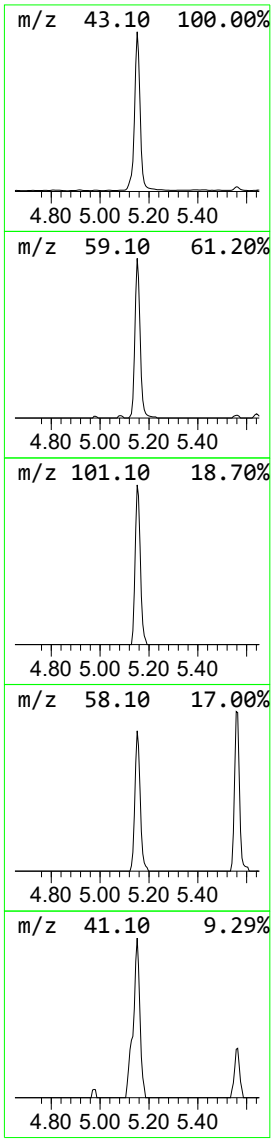
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.152	4.93 ng	148903	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	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143568.D
Acq On : 22 Aug 2025 13:00
Operator : RC/JU
Sample : Q2903-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925

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

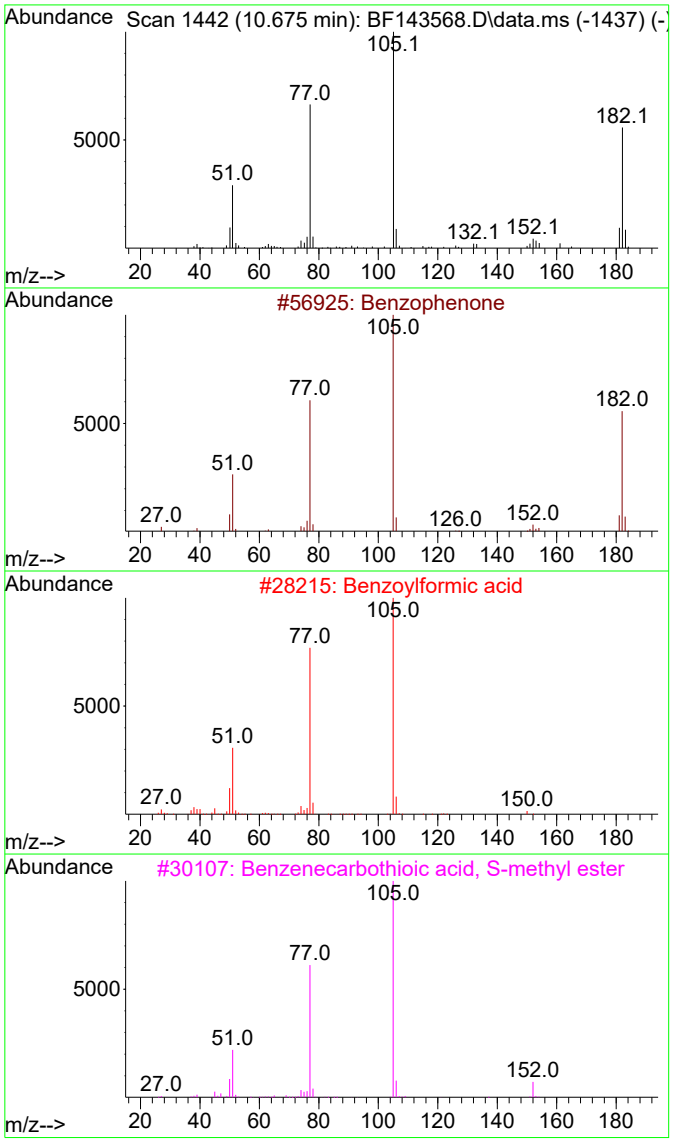
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

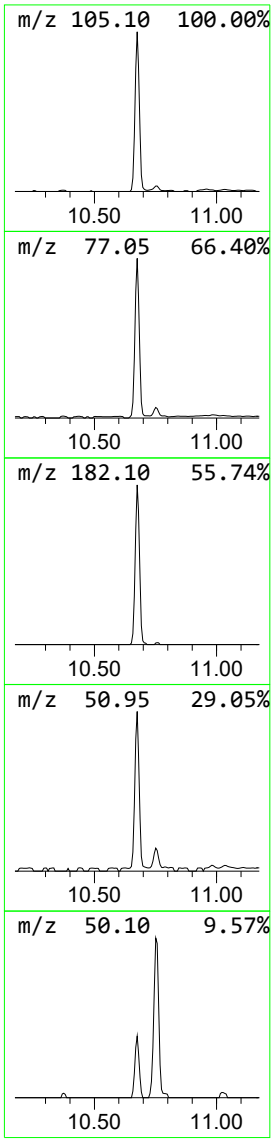
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Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.675	2.61 ng	135828	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzoylformic acid	150	C8H6O3	000611-73-4	55
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	46
5	N-cyanobenzamide	146	C8H6N2O	015150-25-1	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143568.D
Acq On : 22 Aug 2025 13:00
Operator : RC/JU
Sample : Q2903-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925

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

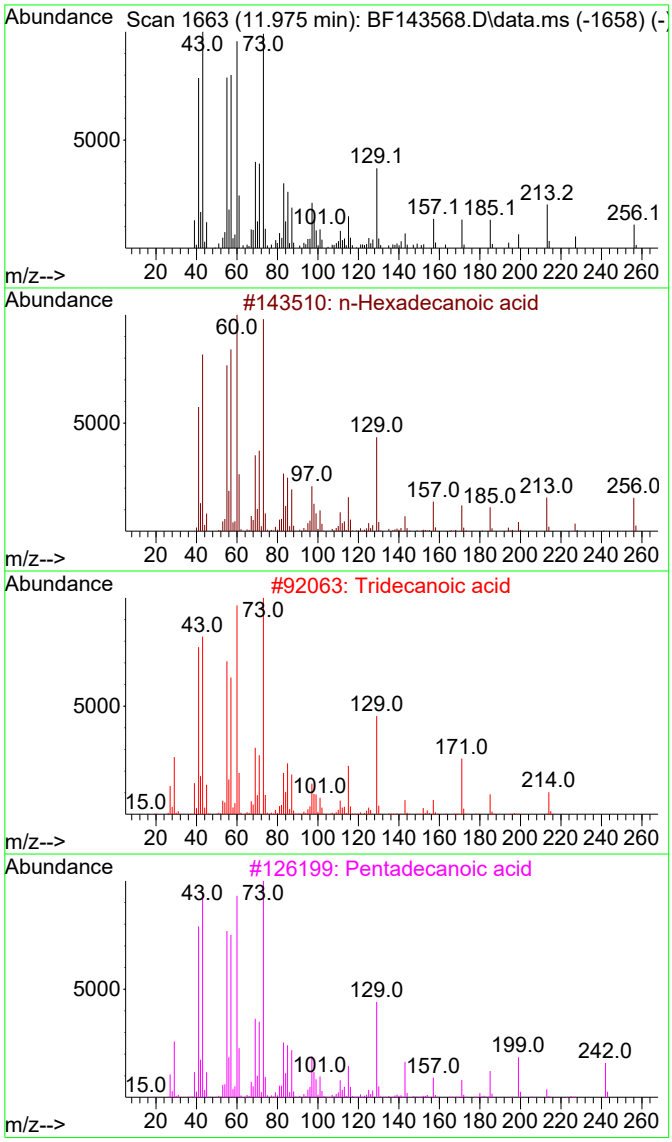
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

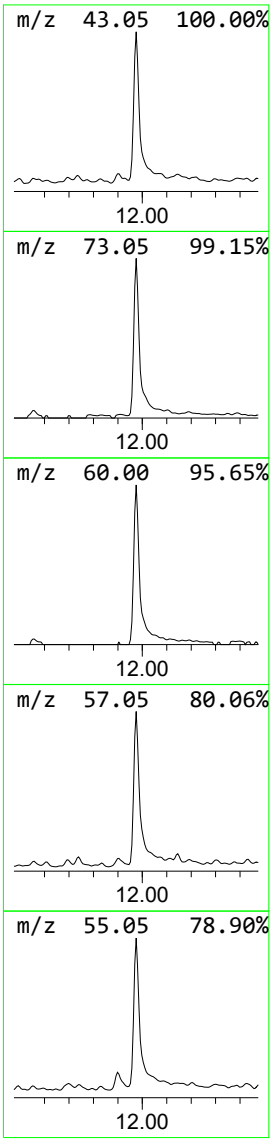
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	4.25 ng	237362	Phenanthrene-d10	11.451

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	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143568.D
Acq On : 22 Aug 2025 13:00
Operator : RC/JU
Sample : Q2903-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925

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

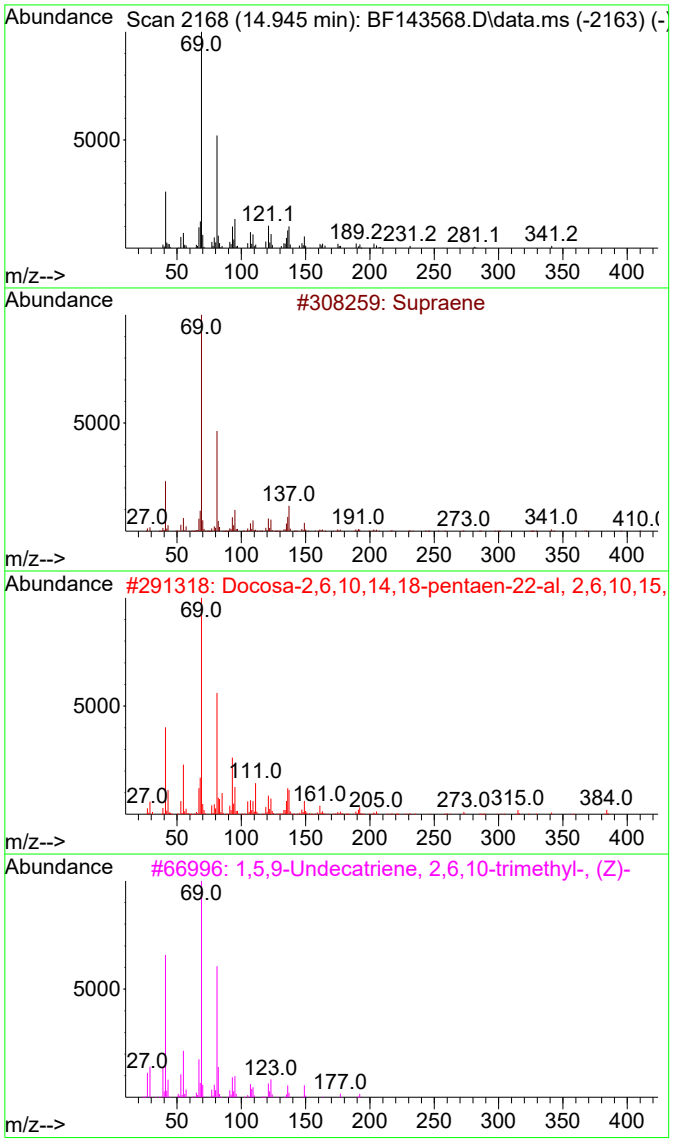
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

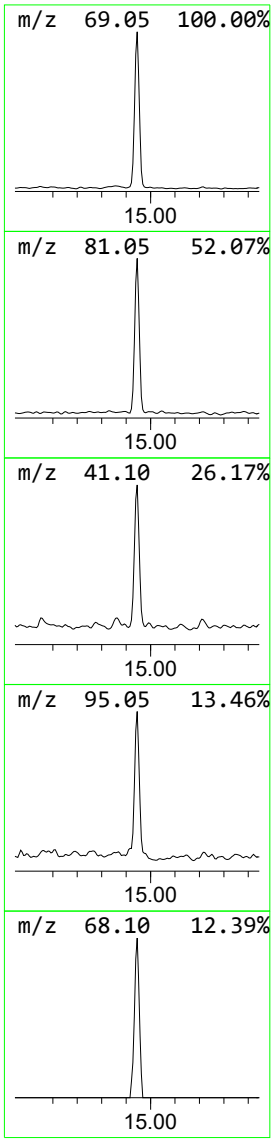
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Peak Number 5 Supraene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.945	2.99 ng	81208	Perylene-d12	15.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	83
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	74
4	(.+/-.)-Lavandulol, pentafluorop...	300	C13H17F5O2	1000352-63-1	72
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72





Sample Results: **BF143568.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143568.D
Acq On : 22 Aug 2025 13:00
Operator : RC/JU
Sample : Q2903-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925

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	107.8	ng	3255000	1	6.922	603723	20.0
2-Pentanone, 4-...	5.152	4.9	ng	148903	1	6.922	603723	20.0
Benzophenone	10.675	2.6	ng	135828	3	9.963	1040010	20.0
n-Hexadecanoic ...	11.975	4.3	ng	237362	4	11.451	1117970	20.0
Supraene	14.945	3.0	ng	81208	6	15.592	543932	20.0

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-1B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-04	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
BF143569.D	1	08/21/25 08:50	08/22/25 13:29	PB169330

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: **BF143569.D**

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-1B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-04	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
BF143569.D	1	08/21/25 08:50	08/22/25 13:29	PB169330

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	UQ	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	UQ	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: **BF143569.D**

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-1B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-04	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
BF143569.D	1	08/21/25 08:50	08/22/25 13:29	PB169330

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	71.7		23 - 138	48%	SPK: 150
13127-88-3	Phenol-d6	48.9		10 - 134	33%	SPK: 150
4165-60-0	Nitrobenzene-d5	97.5		67 - 132	98%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.8		52 - 132	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	163		44 - 137	109%	SPK: 150
1718-51-0	Terphenyl-d14	98.7		42 - 152	99%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	112000	6.922			
1146-65-2	Naphthalene-d8	450000	8.204			
15067-26-2	Acenaphthene-d10	274000	9.963			
1517-22-2	Phenanthrene-d10	494000	11.451			
1719-03-5	Chrysene-d12	289000	14.092			
1520-96-3	Perylene-d12	237000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J		2.26	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.00	AB		5.16	ug/L
000373-49-9	Palmitoleic acid	3.30	J		12.7	ug/L

Raw Data: **BF143569.D**

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Report of Analysis

Client:	AECOM			Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY			Date Received:	08/19/25
Client Sample ID:	MW-1B-081925			SDG No.:	Q2903
Lab Sample ID:	Q2903-04			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
BF143569.D	1	08/21/25 08:50	08/22/25 13:29	PB169330

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_F\Data\BF082225\
Data File : BF143569.D
Acq On : 22 Aug 2025 13:29
Operator : RC/JU
Sample : Q2903-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1B-081925

Quant Time: Aug 22 13:56:14 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

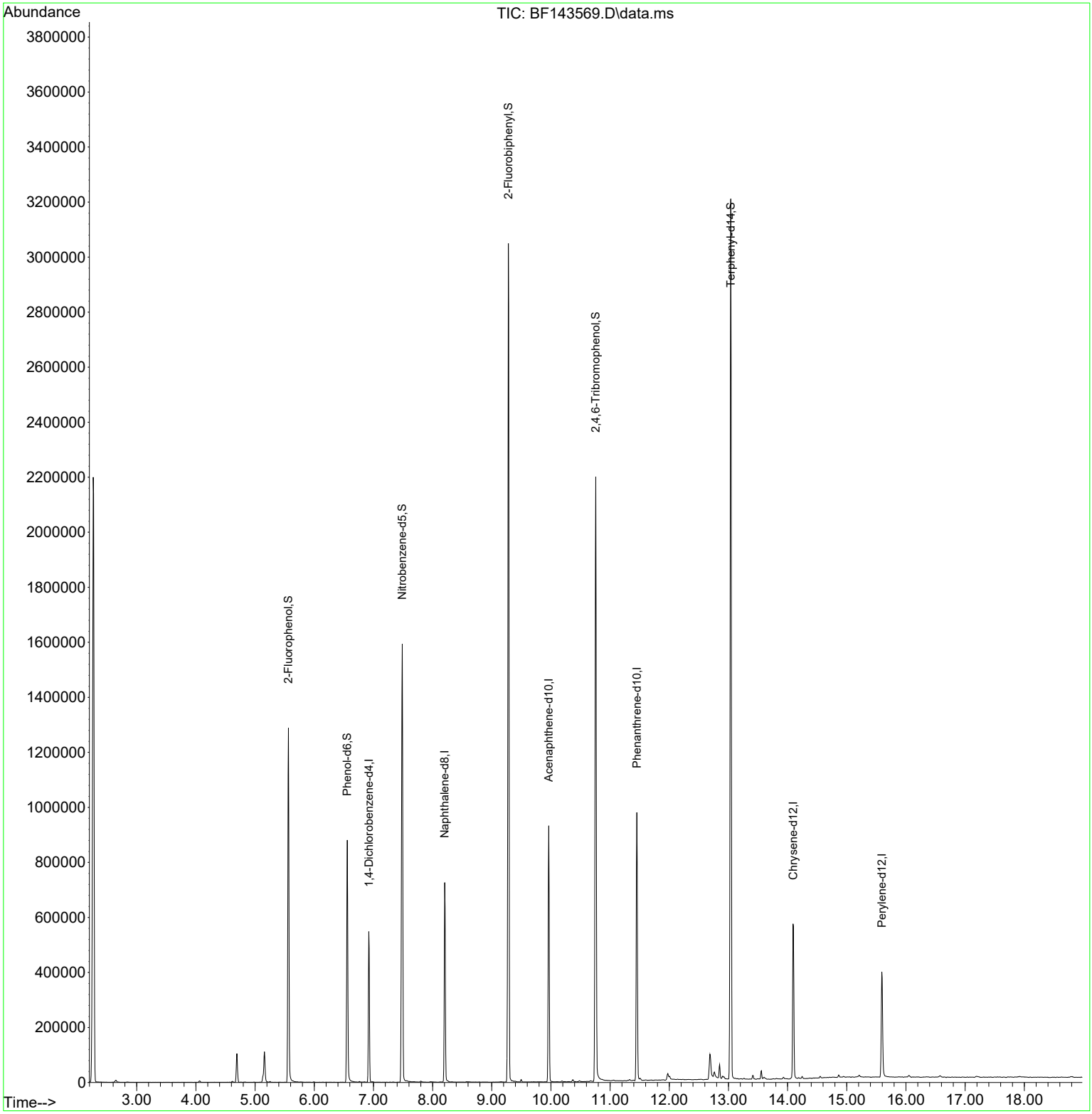
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	111726	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	450143	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	273559	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	493633	20.000	ng	0.00
76) Chrysene-d12	14.092	240	289120	20.000	ng	-0.01
86) Perylene-d12	15.592	264	236894	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	458711	71.692	ng	0.00
7) Phenol-d6	6.557	99	386104	48.884	ng	-0.02
23) Nitrobenzene-d5	7.487	82	752210	97.514	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	416335	163.497	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1387603	83.830	ng	0.00
79) Terphenyl-d14	13.039	244	1634621	98.661	ng	0.00
Target Compounds						Qvalue

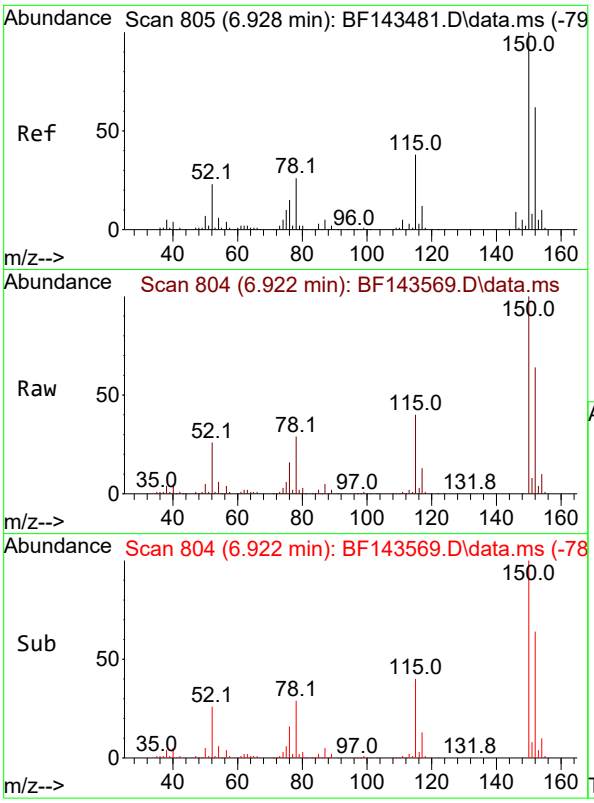
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143569.D
Acq On : 22 Aug 2025 13:29
Operator : RC/JU
Sample : Q2903-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1B-081925

Quant Time: Aug 22 13:56:14 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



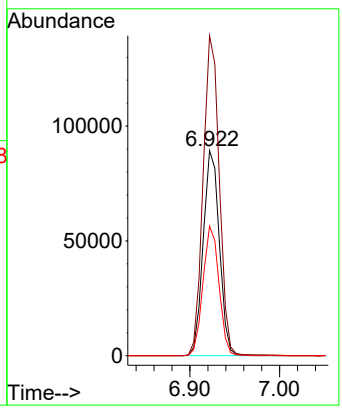


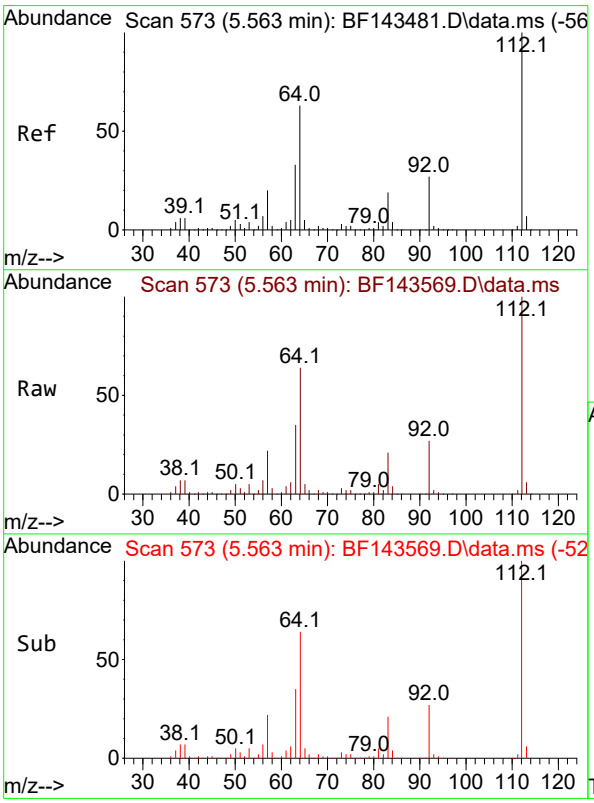
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143569.D
Acq: 22 Aug 2025 13:29

Instrument :
BNA_F
ClientSampleId :
MW-1B-081925

Tgt Ion:152 Resp: 111726

Ion	Ratio	Lower	Upper
152	100		
150	156.0	128.9	193.3
115	63.2	49.2	73.8

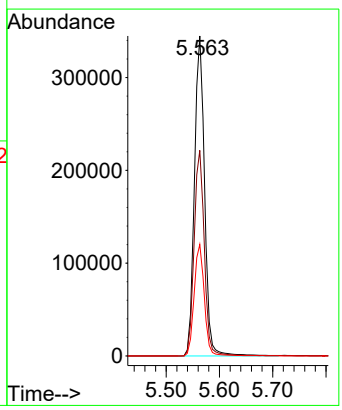


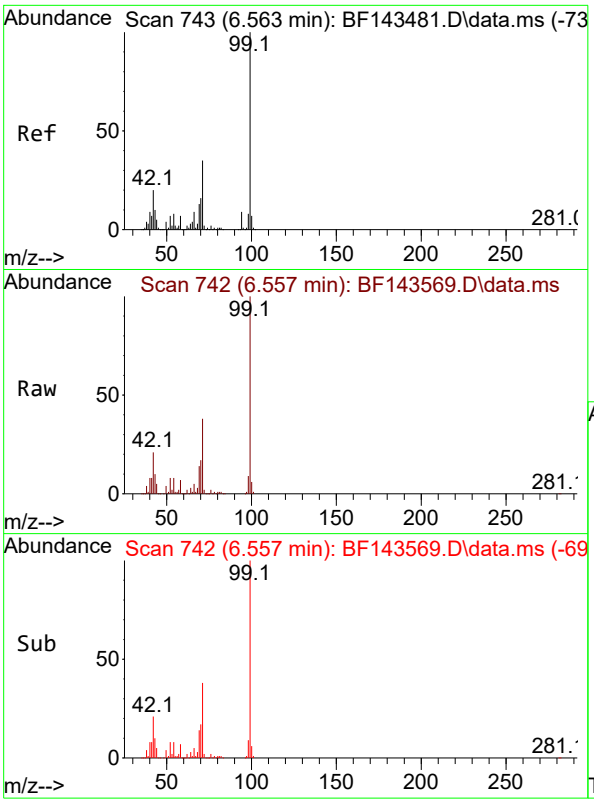


#5
2-Fluorophenol
Concen: 71.692 ng
RT: 5.563 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF143569.D
Acq: 22 Aug 2025 13:29

Tgt Ion:112 Resp: 458711

Ion	Ratio	Lower	Upper
112	100		
64	64.3	50.4	75.6
63	34.8	26.4	39.6



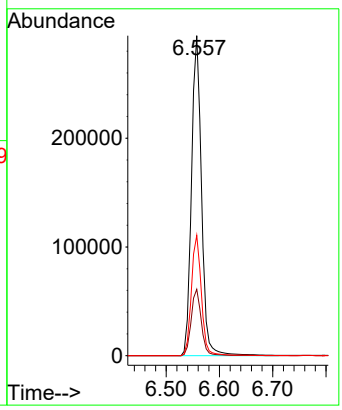


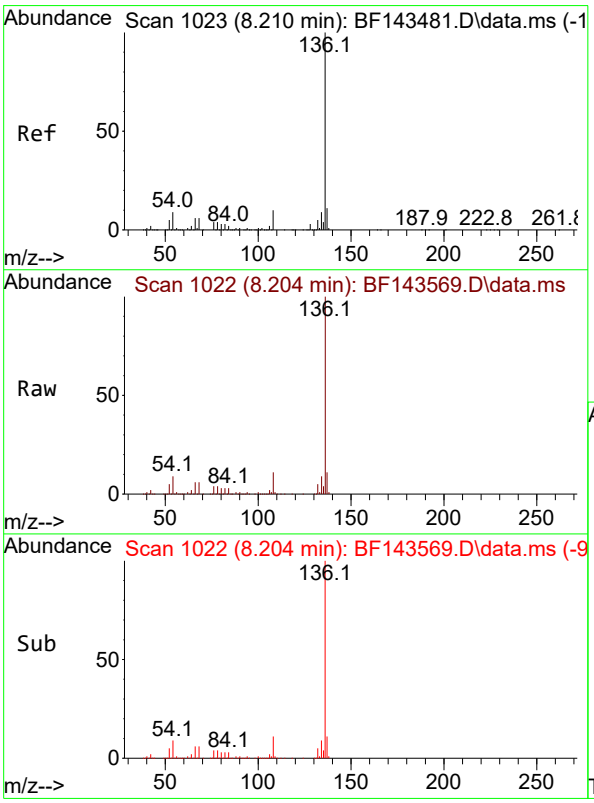
#7
Phenol-d6
Concen: 48.884 ng
RT: 6.557 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143569.D
Acq: 22 Aug 2025 13:29

Instrument :
BNA_F
ClientSampleId :
MW-1B-081925

Tgt Ion: 99 Resp: 386104

Ion	Ratio	Lower	Upper
99	100		
42	20.8	16.3	24.5
71	37.6	28.2	42.2

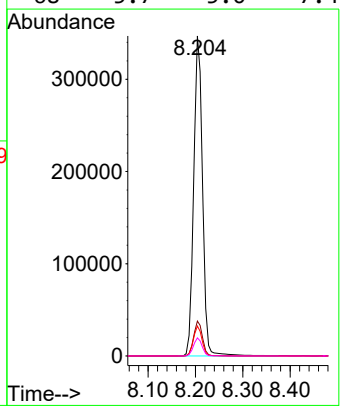


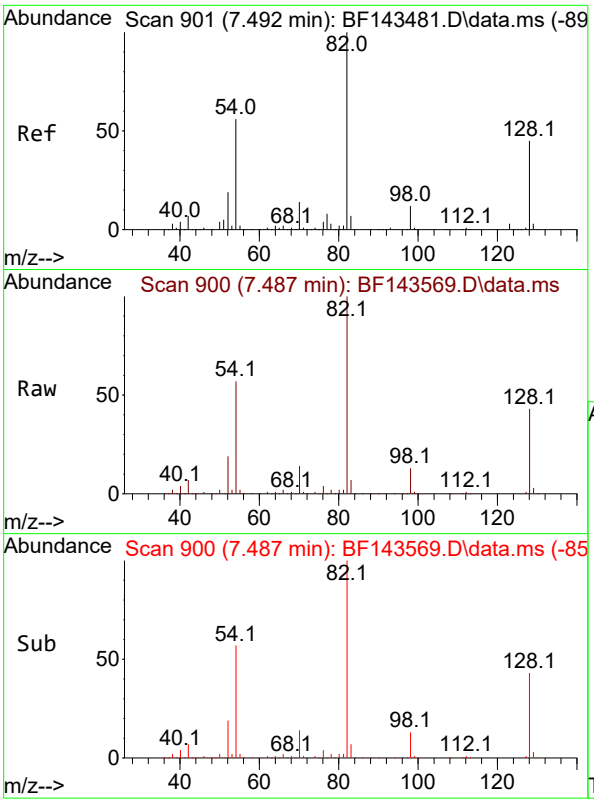


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143569.D
Acq: 22 Aug 2025 13:29

Tgt Ion:136 Resp: 450143

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	9.4	7.4	11.2
68	5.7	5.0	7.4



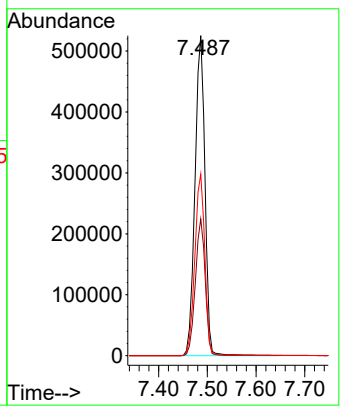


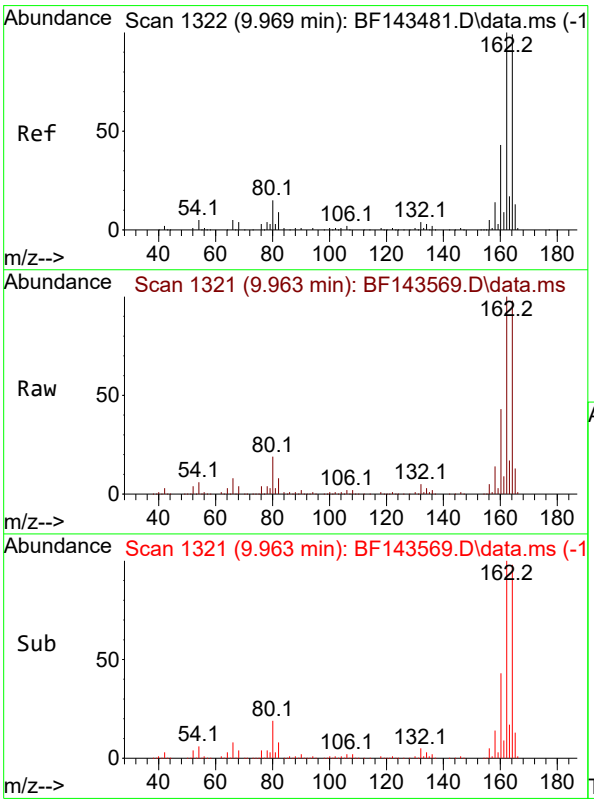
#23
Nitrobenzene-d5
Concen: 97.514 ng
RT: 7.487 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143569.D
Acq: 22 Aug 2025 13:29

Instrument :
BNA_F
ClientSampleId :
MW-1B-081925

Tgt Ion: 82 Resp: 752210

Ion	Ratio	Lower	Upper
82	100		
128	42.8	35.5	53.3
54	56.8	44.3	66.5

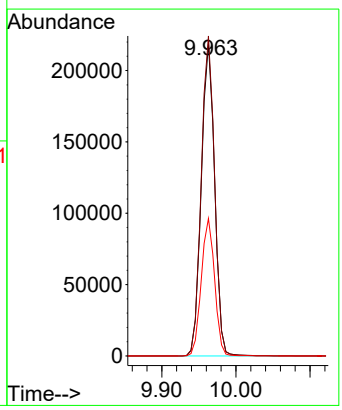


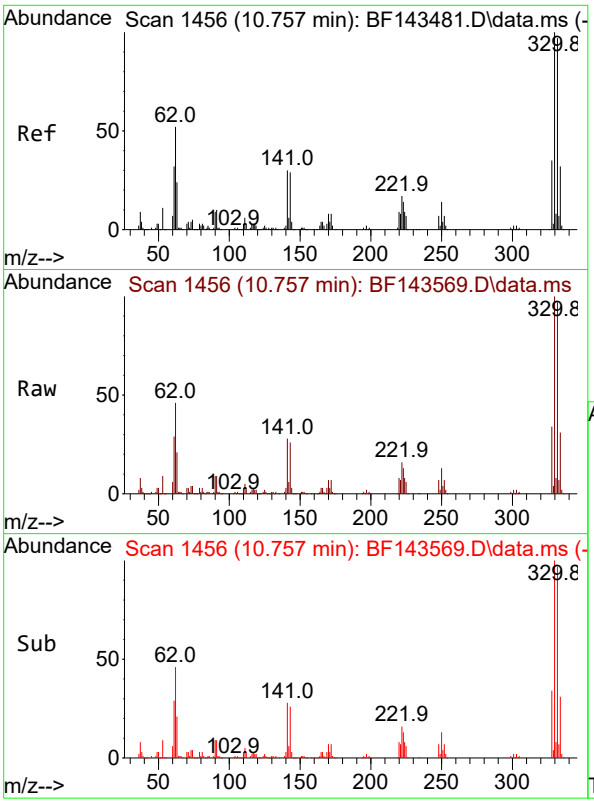


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF143569.D
Acq: 22 Aug 2025 13:29

Tgt Ion:164 Resp: 273559

Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.5	120.7
160	44.0	34.3	51.5



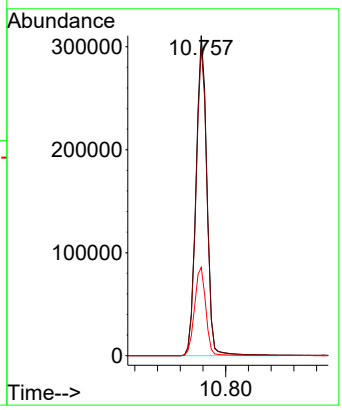


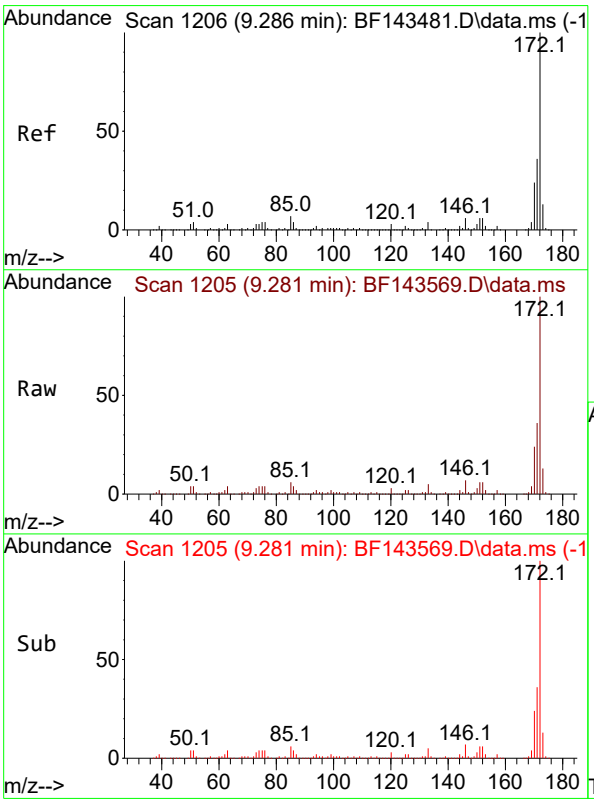
#42
2,4,6-Tribromophenol
Concen: 163.497 ng
RT: 10.757 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143569.D
Acq: 22 Aug 2025 13:29

Instrument :
BNA_F
ClientSampleId :
MW-1B-081925

Tgt Ion:330 Resp: 416335

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.0	117.0
141	28.8	23.7	35.5

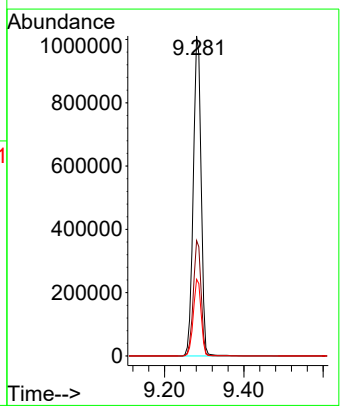


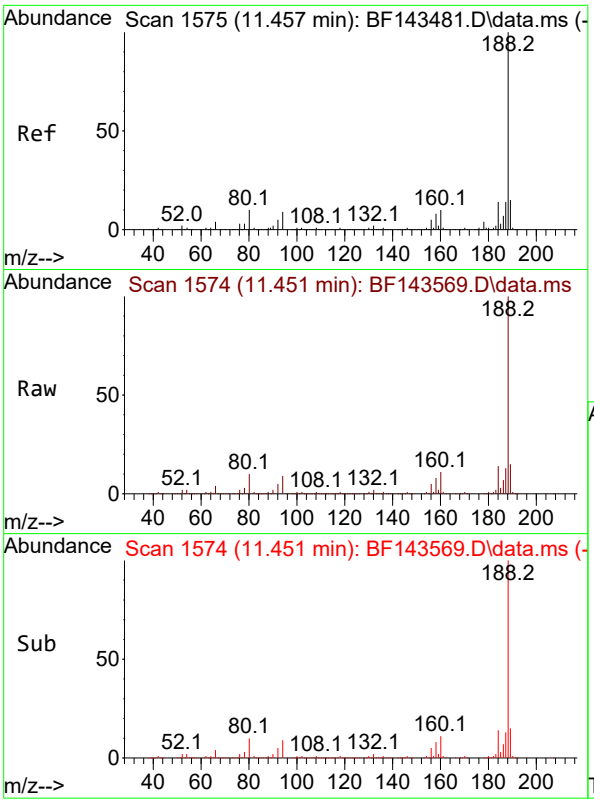


#45
2-Fluorobiphenyl
Concen: 83.830 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143569.D
Acq: 22 Aug 2025 13:29

Tgt Ion:172 Resp: 1387603

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.8	43.2
170	23.9	18.8	28.2



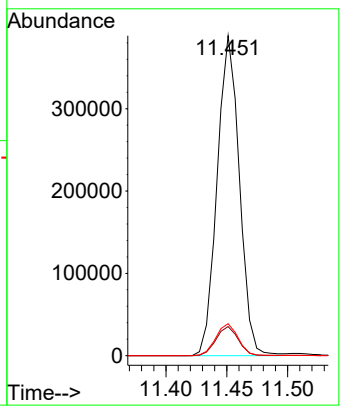


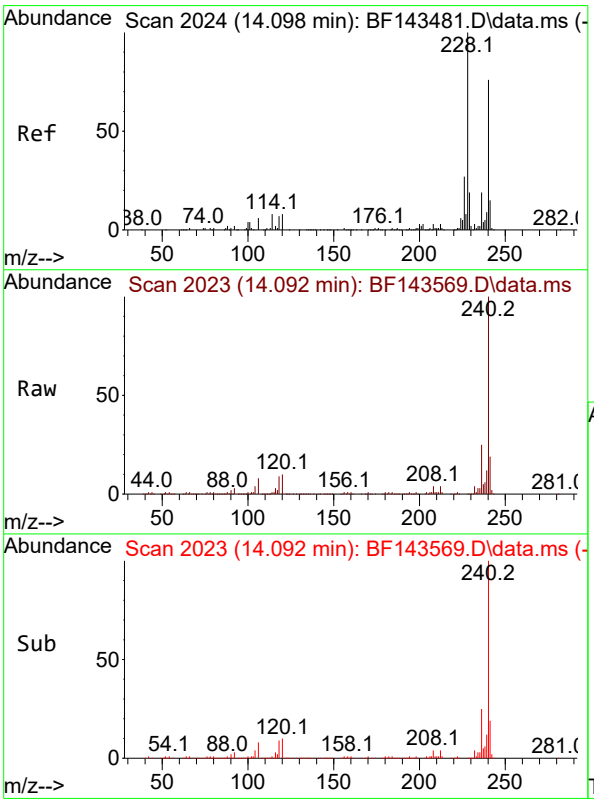
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143569.D
Acq: 22 Aug 2025 13:29

Instrument :
BNA_F
ClientSampleId :
MW-1B-081925

Tgt Ion:188 Resp: 493633

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.4	11.2
80	10.0	8.2	12.4

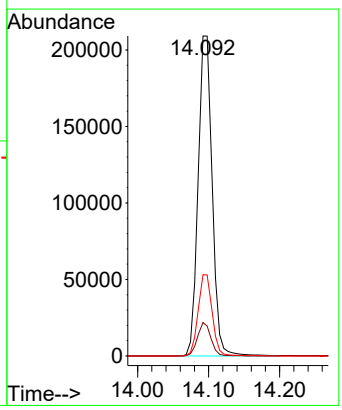


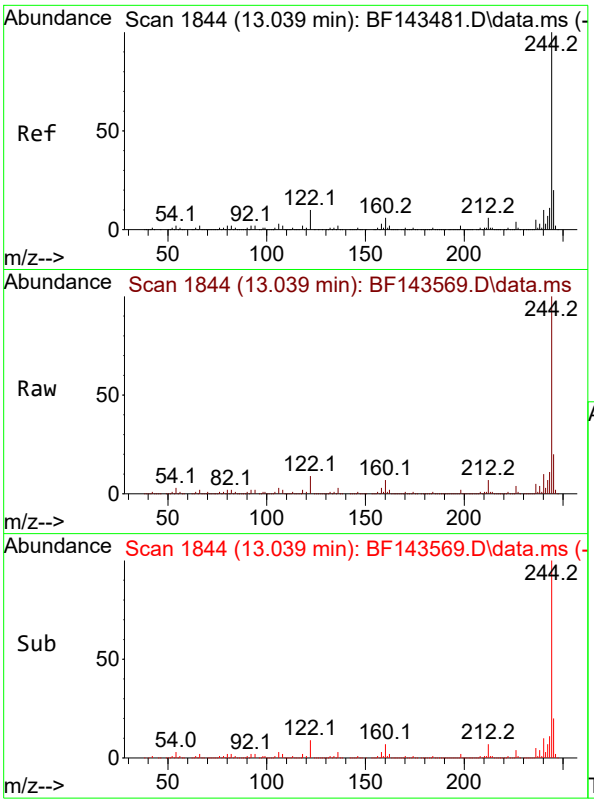


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF143569.D
Acq: 22 Aug 2025 13:29

Tgt Ion:240 Resp: 289120

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.6	12.8
236	25.4	20.4	30.6



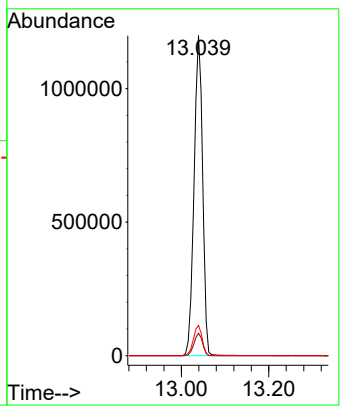


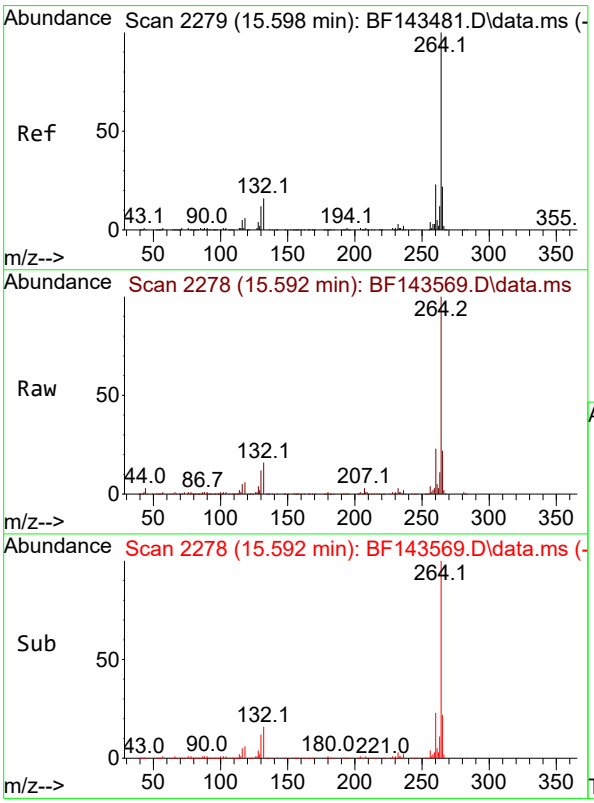
#79
Terphenyl-d14
Concen: 98.661 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143569.D
Acq: 22 Aug 2025 13:29

Instrument :
BNA_F
ClientSampleId :
MW-1B-081925

Tgt Ion:244 Resp: 1634621

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.2	7.8
122	9.5	7.9	11.9

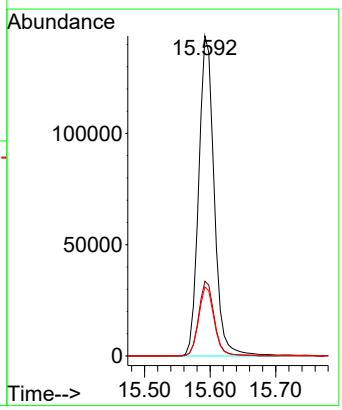




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF143569.D
Acq: 22 Aug 2025 13:29

Tgt Ion:264 Resp: 236894

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.6	17.6	26.4



Sample Results: **BF143569.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143569.D
Acq On : 22 Aug 2025 13:29
Operator : RC/JU
Sample : Q2903-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1B-081925

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: BF143569.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.263	3	12	23	rVB	2198374	3749521	85.98%	14.182%
2	4.693	420	425	434	rVB	104235	144122	3.30%	0.545%
3	5.157	494	504	517	rBV2	110666	195212	4.48%	0.738%
4	5.563	567	573	593	rBV	1287479	1711332	39.24%	6.473%
5	6.557	737	742	767	rBV	880182	1160345	26.61%	4.389%
6	6.922	799	804	810	rBV	547529	676161	15.50%	2.557%
7	7.487	893	900	905	rBV	1592312	2253257	51.67%	8.523%
8	8.204	1017	1022	1038	rBV	724955	926965	21.26%	3.506%
9	9.281	1199	1205	1210	rBV	3047727	4105011	94.13%	15.527%
10	9.963	1315	1321	1336	rBV	930748	1165986	26.74%	4.410%
11	10.757	1450	1456	1473	rBV	2196889	3022754	69.31%	11.433%
12	11.451	1569	1574	1581	rBV	974569	1243823	28.52%	4.705%
13	12.686	1778	1784	1793	rBV4	91308	198309	4.55%	0.750%
14	12.763	1793	1797	1808	rVV6	24738	59304	1.36%	0.224%
15	12.851	1808	1812	1817	rVB	50407	63160	1.45%	0.239%
16	13.039	1837	1844	1849	rBV	3199286	4361099	100.00%	16.495%
17	14.092	2018	2023	2035	rVB	561733	768332	17.62%	2.906%
18	15.592	2272	2278	2295	rBV	382339	634031	14.54%	2.398%

Sum of corrected areas: 26438724

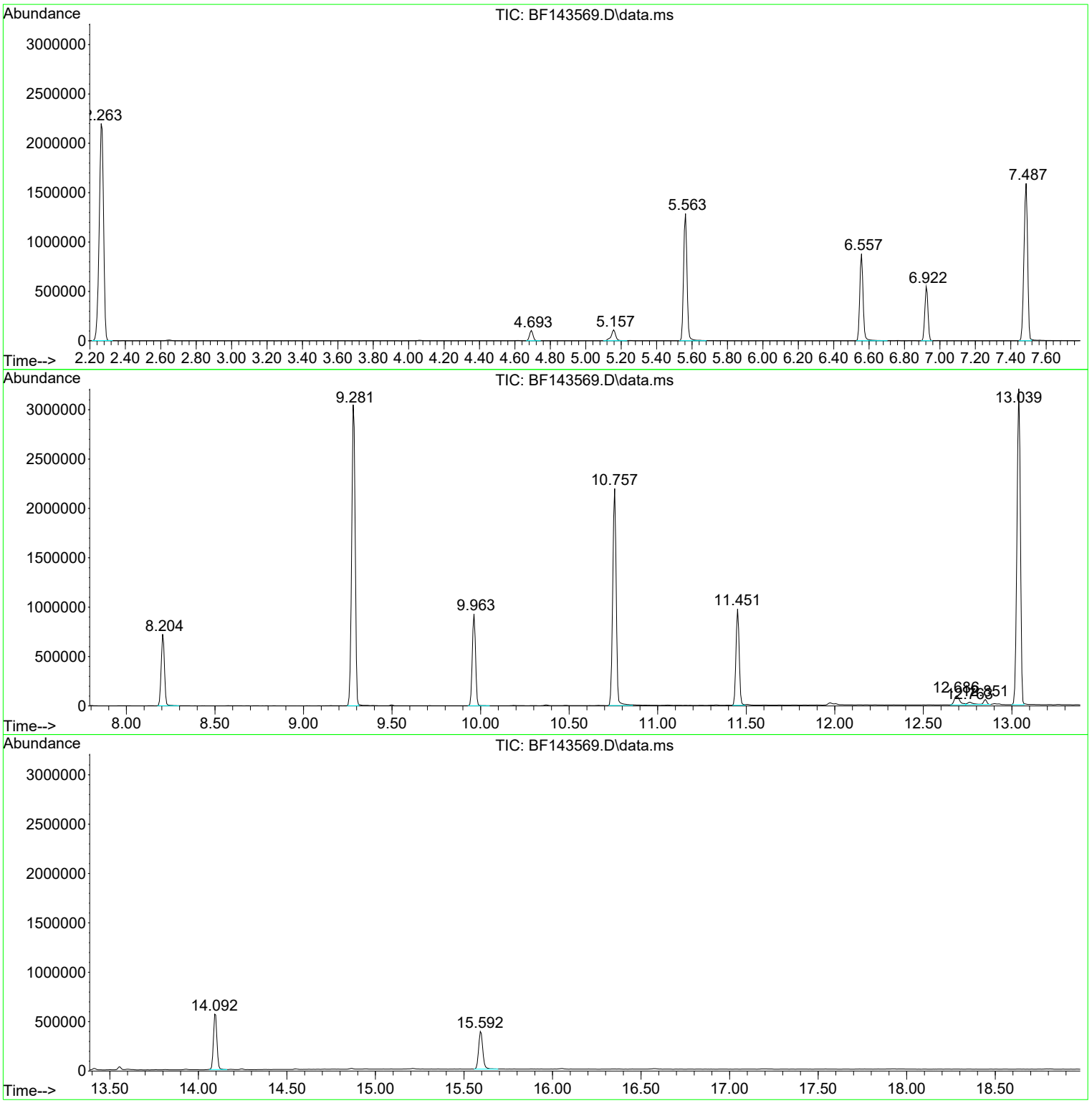
Sample Results: **BF143569.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143569.D
Acq On : 22 Aug 2025 13:29
Operator : RC/JU
Sample : Q2903-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1B-081925

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 : BF143569.D
Acq On : 22 Aug 2025 13:29
Operator : RC/JU
Sample : Q2903-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1B-081925

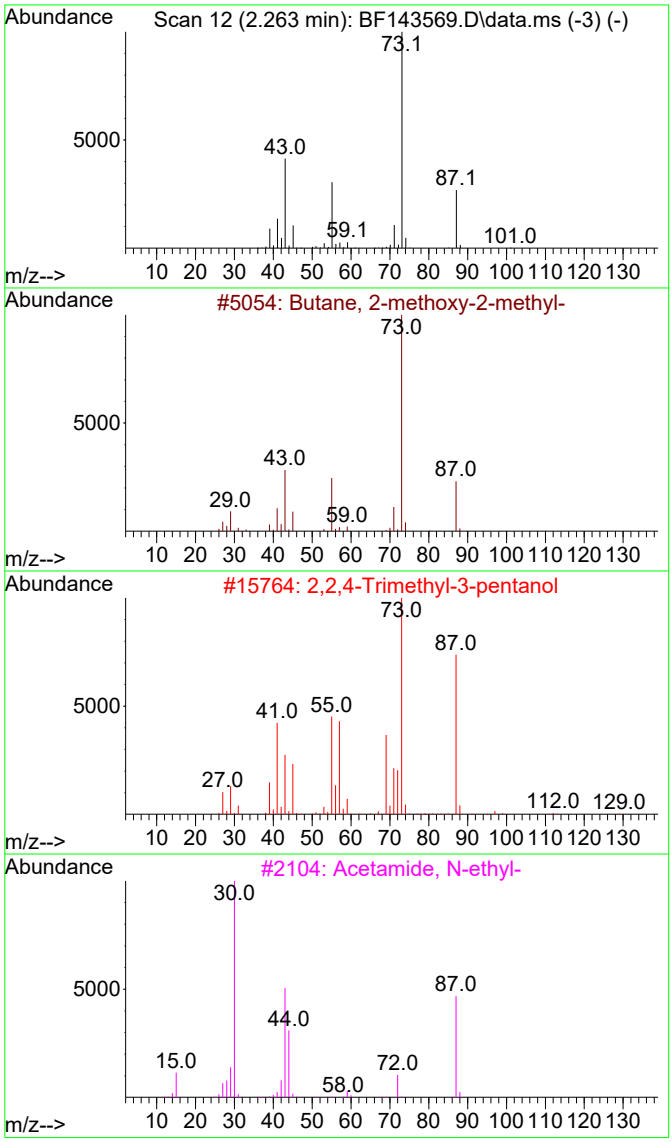
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

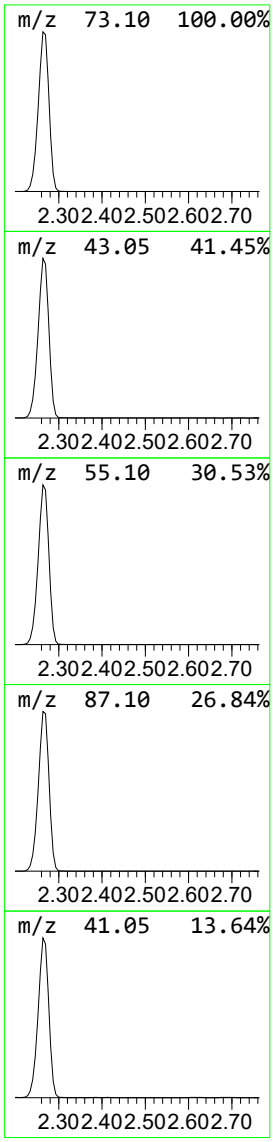
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.263	110.91 ng	3749520	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	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143569.D
Acq On : 22 Aug 2025 13:29
Operator : RC/JU
Sample : Q2903-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1B-081925

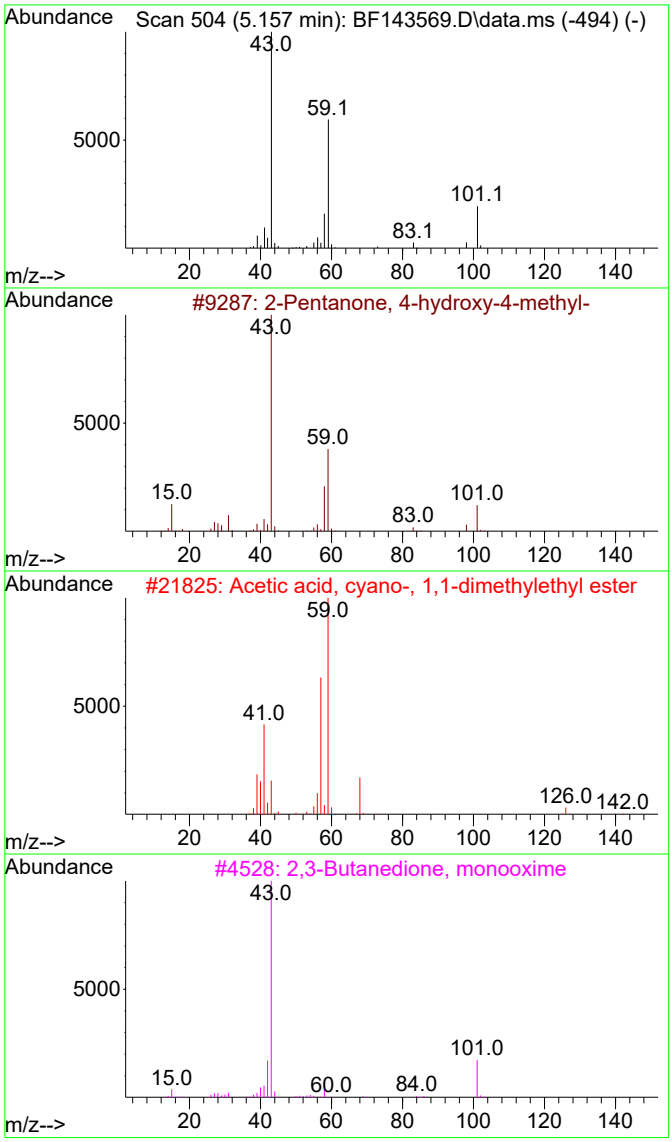
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

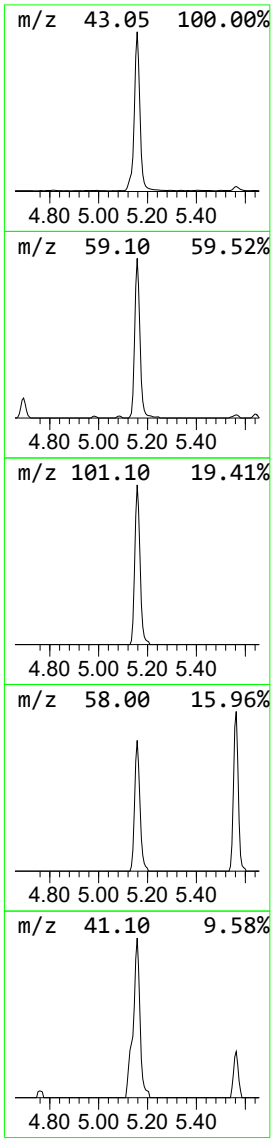
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.157	5.77 ng	195212	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	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Butane	58	C4H10	000106-97-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143569.D
Acq On : 22 Aug 2025 13:29
Operator : RC/JU
Sample : Q2903-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1B-081925

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

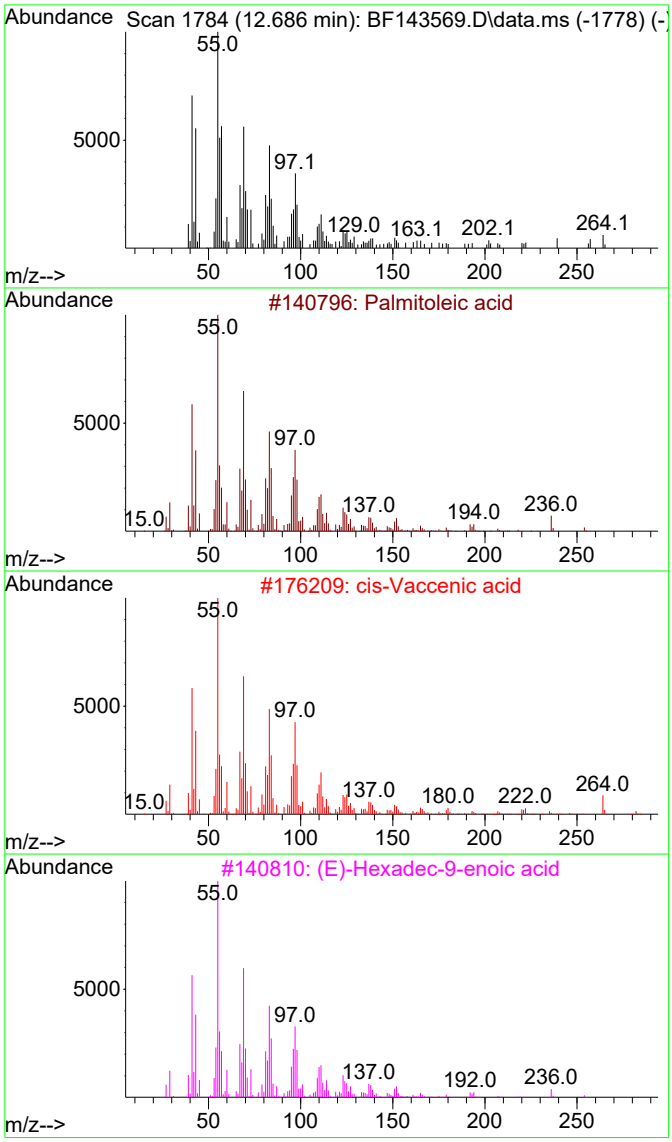
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

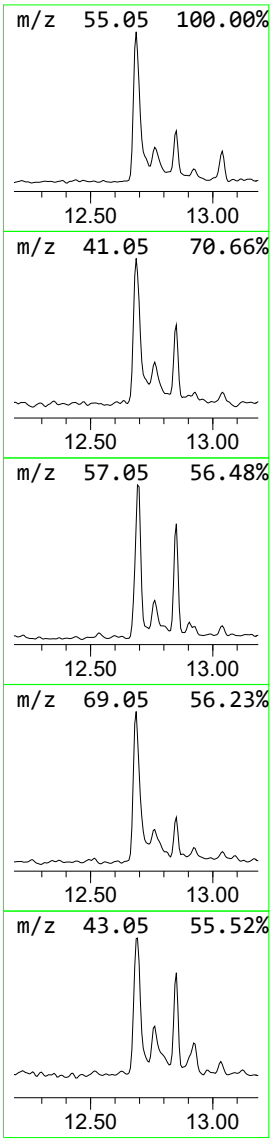
****

Peak Number 4 Palmitoleic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.686	3.19 ng	198309	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Palmitoleic acid	254	C16H30O2	000373-49-9	87
2	cis-Vaccenic acid	282	C18H34O2	000506-17-2	87
3	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	83
4	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	81
5	9-Oxabicyclo[6.1.0]nonane, cis-	126	C8H14O	004925-71-7	81





Sample Results: **BF143569.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143569.D
Acq On : 22 Aug 2025 13:29
Operator : RC/JU
Sample : Q2903-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1B-081925

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...	2.263	110.9	ng	3749520	1	6.922	676161	20.0
2-Pentanone, 4-...	5.157	5.8	ng	195212	1	6.922	676161	20.0
Palmitoleic acid	12.686	3.2	ng	198309	4	11.451	1243820	20.0

Raw Data: **BF143572.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-12B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-07	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	920 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
BF143572.D	1	08/21/25 08:50	08/22/25 14:56	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.9	U	4.30	10.9	ug/L
108-95-2	Phenol	5.40	U	0.99	5.40	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.40	U	0.88	5.40	ug/L
95-57-8	2-Chlorophenol	5.40	U	0.63	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	10.9	U	1.20	10.9	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	0.71	5.40	ug/L
98-95-3	Nitrobenzene	5.40	U	0.83	5.40	ug/L
78-59-1	Isophorone	5.40	U	0.82	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	0.74	5.40	ug/L
120-83-2	2,4-Dichlorophenol	5.40	U	0.57	5.40	ug/L
91-20-3	Naphthalene	84.2		0.54	5.40	ug/L
106-47-8	4-Chloroaniline	5.40	U	0.91	5.40	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	0.59	5.40	ug/L
105-60-2	Caprolactam	10.9	U	1.20	10.9	ug/L
59-50-7	4-Chloro-3-methylphenol	5.40	U	0.64	5.40	ug/L
91-57-6	2-Methylnaphthalene	5.40	U	0.61	5.40	ug/L
77-47-4	Hexachlorocyclopentadiene	10.9	U	3.90	10.9	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	0.58	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: **BF143572.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-12B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-07	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	920 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
BF143572.D	1	08/21/25 08:50	08/22/25 14:56	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.40	U	0.82	5.40	ug/L
606-20-2	2,6-Dinitrotoluene	5.40	U	1.00	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	0.60	5.40	ug/L
51-28-5	2,4-Dinitrophenol	10.9	U	6.50	10.9	ug/L
100-02-7	4-Nitrophenol	10.9	U	2.60	10.9	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	0.75	5.40	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.40	U	0.74	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	10.9	U	3.10	10.9	ug/L
86-30-6	n-Nitrosodiphenylamine	5.40	U	0.63	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	0.57	5.40	ug/L
1912-24-9	Atrazine	5.40	U	1.10	5.40	ug/L
87-86-5	Pentachlorophenol	10.9	U	1.70	10.9	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	0.78	5.40	ug/L
84-74-2	Di-n-butylphthalate	5.40	UQ	1.30	5.40	ug/L
206-44-0	Fluoranthene	5.40	U	0.89	5.40	ug/L
129-00-0	Pyrene	5.40	U	0.54	5.40	ug/L
85-68-7	Butylbenzylphthalate	5.40	UQ	2.10	5.40	ug/L
91-94-1	3,3-Dichlorobenzidine	10.9	U	1.00	10.9	ug/L
56-55-3	Benzo(a)anthracene	5.40	U	0.49	5.40	ug/L
218-01-9	Chrysene	5.40	U	0.48	5.40	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.50	J	1.70	5.40	ug/L
117-84-0	Di-n-octyl phthalate	10.9	U	2.50	10.9	ug/L
205-99-2	Benzo(b)fluoranthene	5.40	U	0.53	5.40	ug/L

Raw Data: **BF143572.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-12B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-07	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	920 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
BF143572.D	1	08/21/25 08:50	08/22/25 14:56	PB169330

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	0.60	5.40	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.40	U	0.64	5.40	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.40	U	0.73	5.40	ug/L
191-24-2	Benzo(g,h,i)perylene	5.40	U	0.75	5.40	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.40	U	0.57	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	0.78	5.40	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	71.5		23 - 138	48%	SPK: 150
13127-88-3	Phenol-d6	49.7		10 - 134	33%	SPK: 150
4165-60-0	Nitrobenzene-d5	93.2		67 - 132	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.4		52 - 132	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	154		44 - 137	103%	SPK: 150
1718-51-0	Terphenyl-d14	92.6		42 - 152	93%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	105000	6.922			
1146-65-2	Naphthalene-d8	412000	8.204			
15067-26-2	Acenaphthene-d10	254000	9.963			
1517-22-2	Phenanthrene-d10	439000	11.451			
1719-03-5	Chrysene-d12	251000	14.092			
1520-96-3	Perylene-d12	225000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J		2.26	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.20	AB		5.16	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	8.40	J		6.61	ug/L
	unknown6.981	5.60	J		6.98	ug/L
000300-57-2	Benzene, 2-propenyl-	260	J		7.12	ug/L
90-12-0	1-Methylnaphthalene	9.10	J		9.02	ug/L
001470-94-6	1H-Inden-5-ol, 2,3-dihydro-	2.90	J		9.09	ug/L

Raw Data: **BF143572.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-12B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-07	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	920 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
BF143572.D	1	08/21/25 08:50	08/22/25 14:56	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
028556-81-2	2,6-Dimethylphenyl isocyanate	4.70	J		10.2	ug/L
017228-38-5	N-Methyl-1H-benzimidazol-2-amine	4.60	J		10.4	ug/L
000119-61-9	Benzophenone	3.90	J		10.7	ug/L
000057-10-3	n-Hexadecanoic acid	6.00	J		12.0	ug/L
031158-91-5	Hexadecanoic acid, 1,1-dimethyleth	3.30	J		12.9	ug/L
1000406-04-8	Pentadecafluorooctanoic acid, octa	3.30	J		13.3	ug/L
006222-03-3	Trifluoroacetoxy hexadecane	4.30	J		13.9	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: **BF143572.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143572.D
Acq On : 22 Aug 2025 14:56
Operator : RC/JU
Sample : Q2903-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12B-081925

Quant Time: Aug 22 15:30:27 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

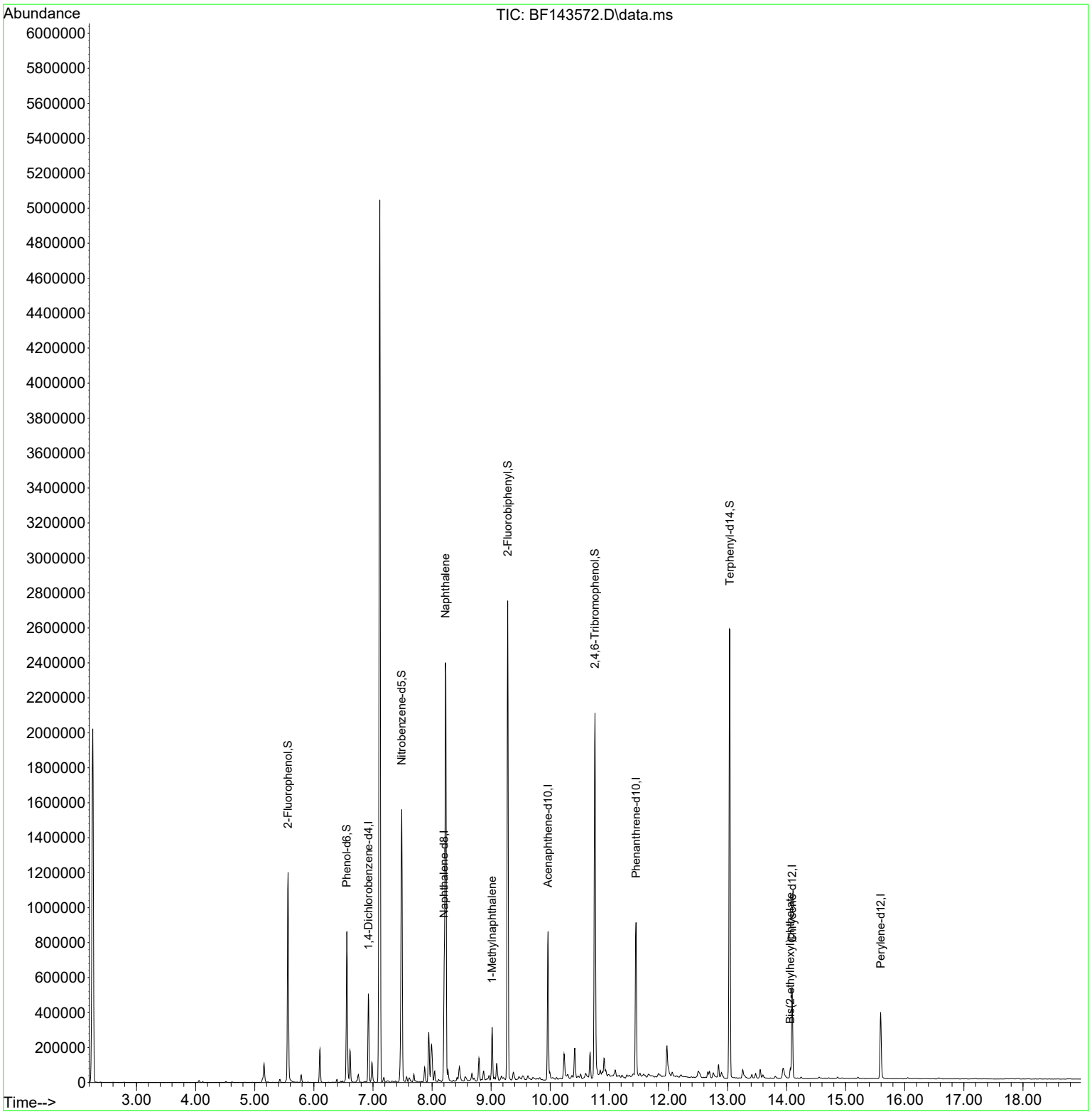
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	104645	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	412054	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	253705	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	438807	20.000	ng	0.00
76) Chrysene-d12	14.092	240	250826	20.000	ng	-0.01
86) Perylene-d12	15.592	264	225338	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	428537	71.508	ng	0.00
7) Phenol-d6	6.557	99	367464	49.672	ng	-0.02
23) Nitrobenzene-d5	7.487	82	658018	93.188	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	364261	154.242	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1203845	78.420	ng	0.00
79) Terphenyl-d14	13.039	244	1330303	92.551	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.228	128	1532300	77.456	ng	99
38) 1-Methylnaphthalene	9.016	142	106263	8.408	ng	99
84) Bis(2-ethylhexyl)phtha...	14.063	149	19795	2.306	ng	99

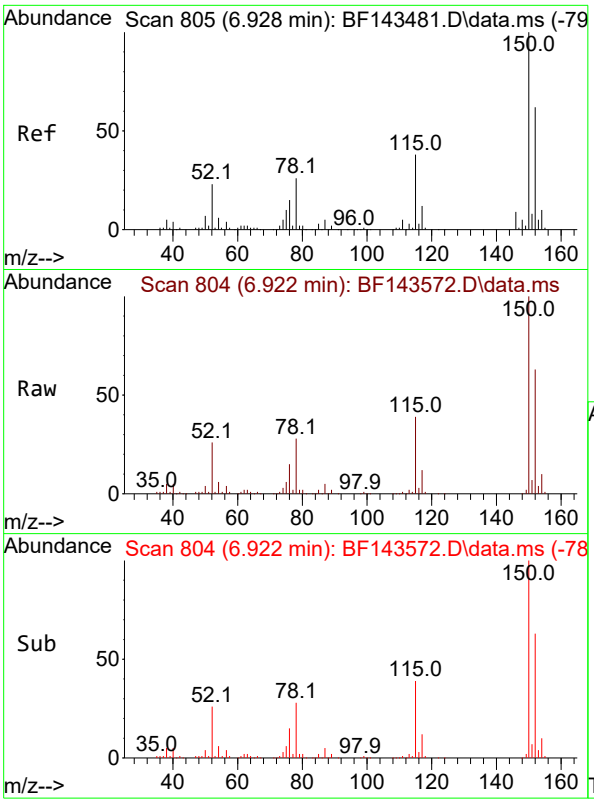
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143572.D
Acq On : 22 Aug 2025 14:56
Operator : RC/JU
Sample : Q2903-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12B-081925

Quant Time: Aug 22 15:30:27 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



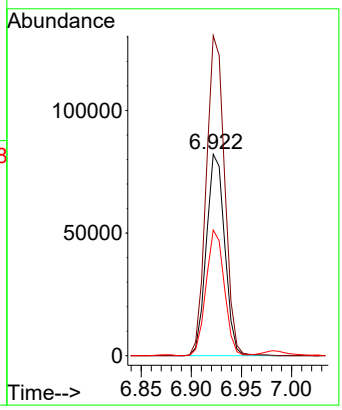


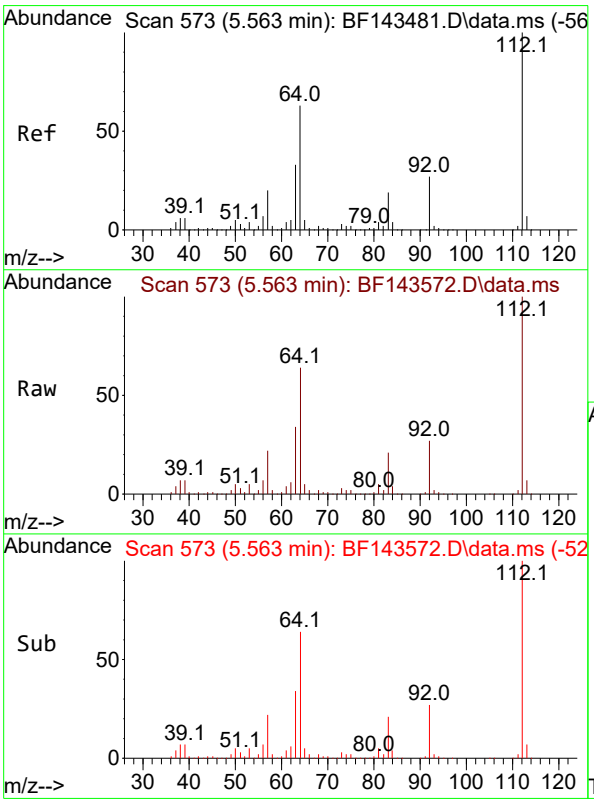
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143572.D
Acq: 22 Aug 2025 14:56

Instrument :
BNA_F
ClientSampleId :
MW-12B-081925

Tgt Ion:152 Resp: 104645

Ion	Ratio	Lower	Upper
152	100		
150	158.9	128.9	193.3
115	62.4	49.2	73.8

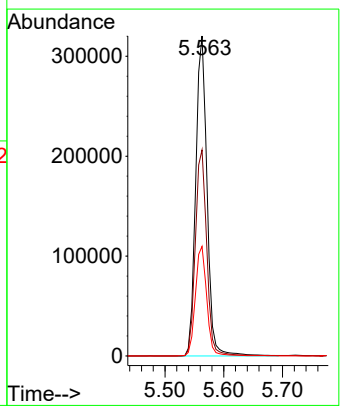


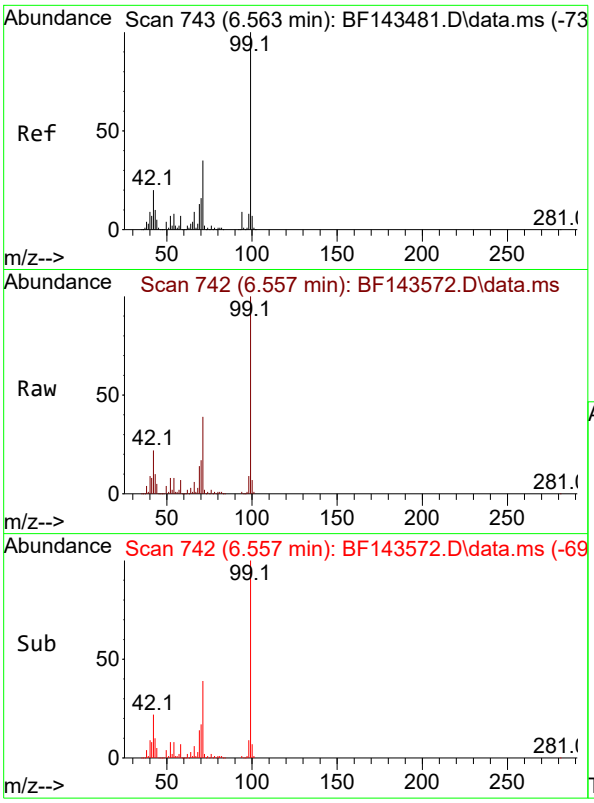


#5
2-Fluorophenol
Concen: 71.508 ng
RT: 5.563 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF143572.D
Acq: 22 Aug 2025 14:56

Tgt Ion:112 Resp: 428537

Ion	Ratio	Lower	Upper
112	100		
64	64.4	50.4	75.6
63	34.3	26.4	39.6



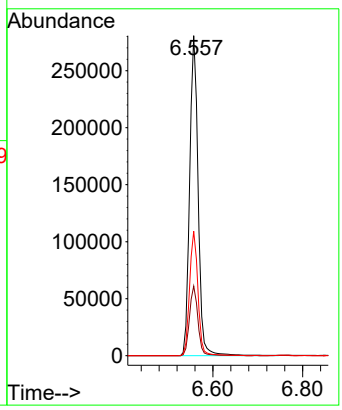


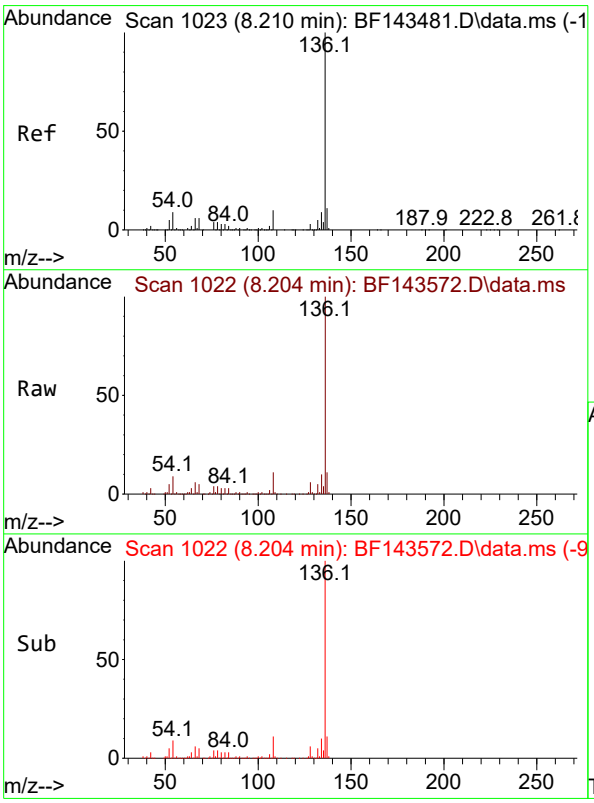
#7
Phenol-d6
Concen: 49.672 ng
RT: 6.557 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143572.D
Acq: 22 Aug 2025 14:56

Instrument :
BNA_F
ClientSampleId :
MW-12B-081925

Tgt Ion: 99 Resp: 367464

Ion	Ratio	Lower	Upper
99	100		
42	21.7	16.3	24.5
71	38.9	28.2	42.2

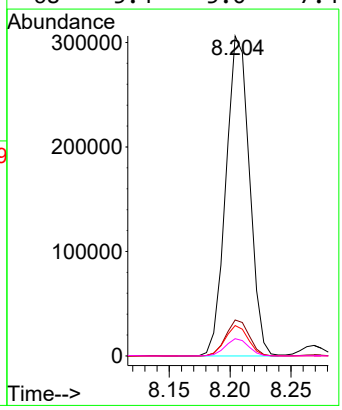


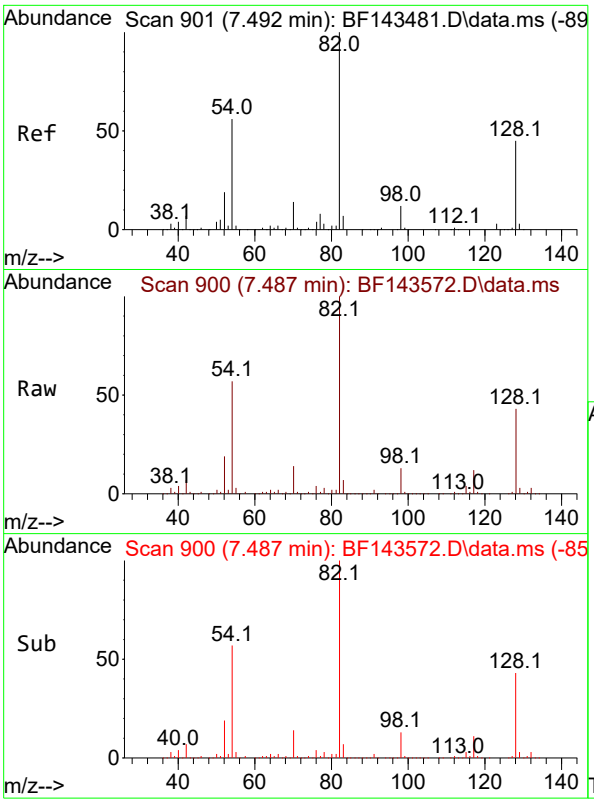


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143572.D
Acq: 22 Aug 2025 14:56

Tgt Ion:136 Resp: 412054

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	9.5	7.4	11.2
68	5.4	5.0	7.4



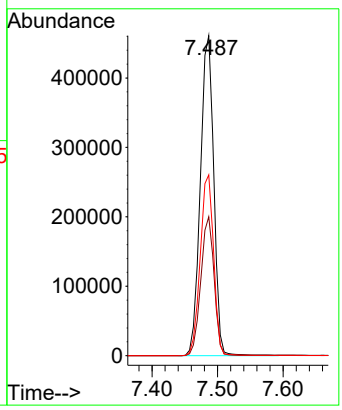


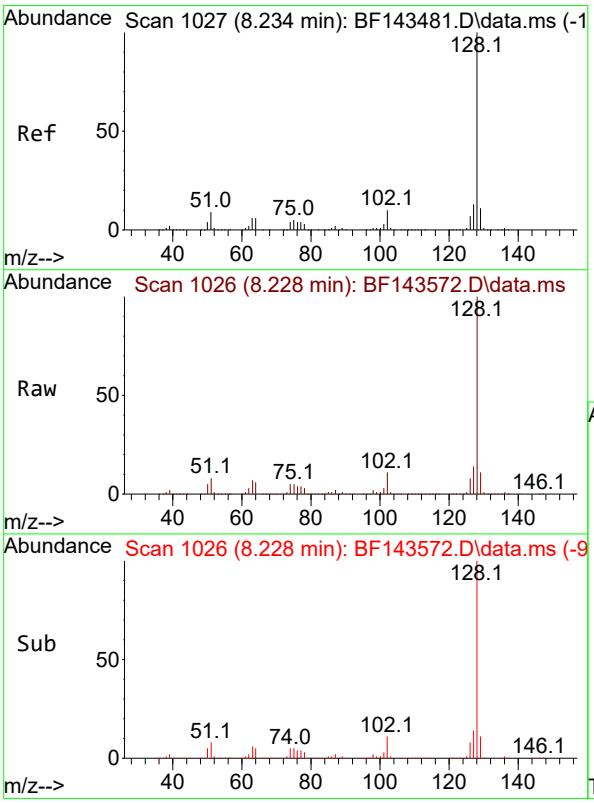
#23
Nitrobenzene-d5
Concen: 93.188 ng
RT: 7.487 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143572.D
Acq: 22 Aug 2025 14:56

Instrument :
BNA_F
ClientSampleId :
MW-12B-081925

Tgt Ion: 82 Resp: 658018

Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.5	53.3
54	56.5	44.3	66.5

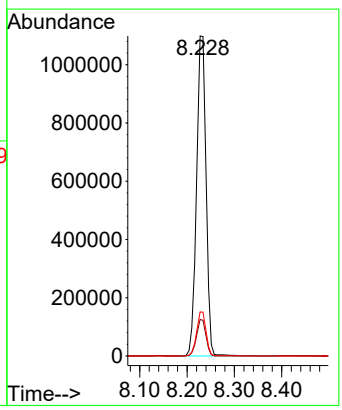


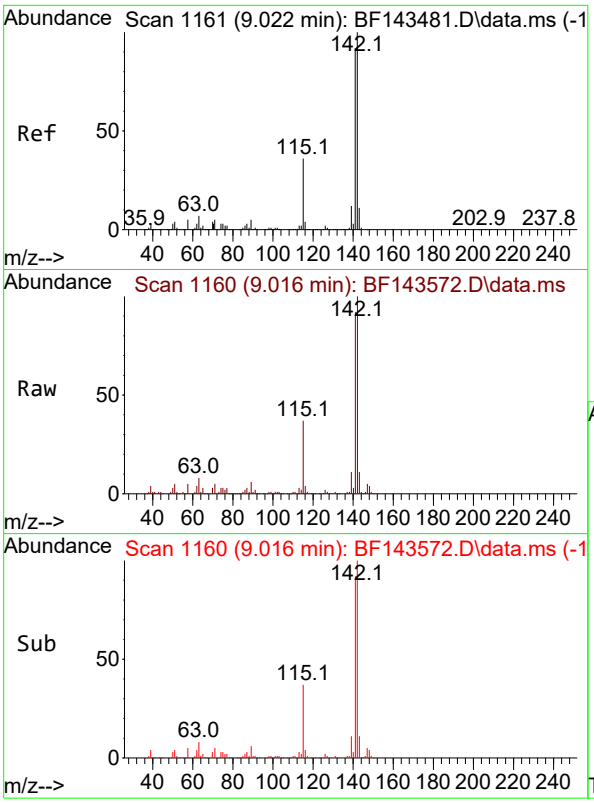


#31
Naphthalene
Concen: 77.456 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF143572.D
Acq: 22 Aug 2025 14:56

Tgt Ion:128 Resp: 1532300

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.7	10.6	16.0



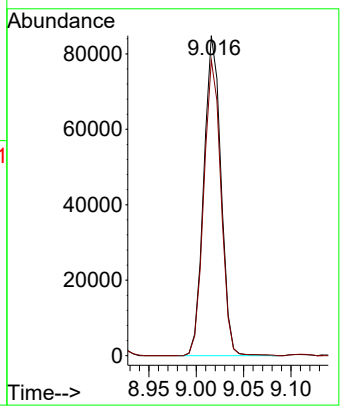


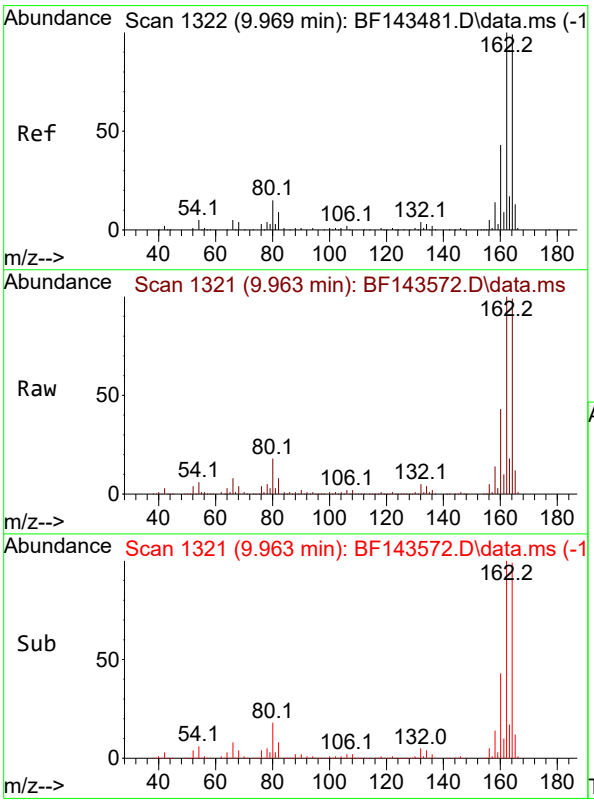
#38
1-Methylnaphthalene
Concen: 8.408 ng
RT: 9.016 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143572.D
Acq: 22 Aug 2025 14:56

Instrument :
BNA_F
ClientSampleId :
MW-12B-081925

Tgt Ion:142 Resp: 106263

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.3	109.9

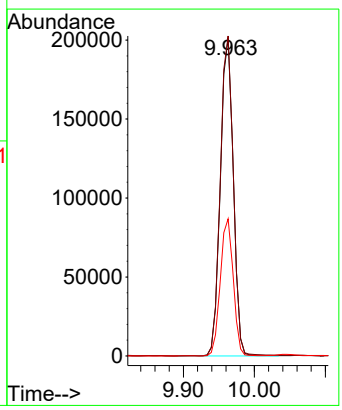


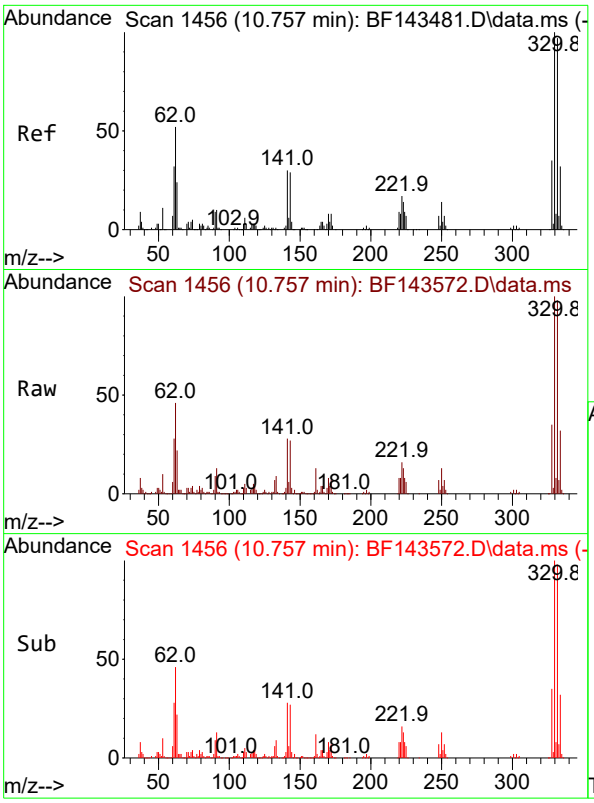


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF143572.D
Acq: 22 Aug 2025 14:56

Tgt Ion:164 Resp: 253705

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.5	120.7
160	43.2	34.3	51.5



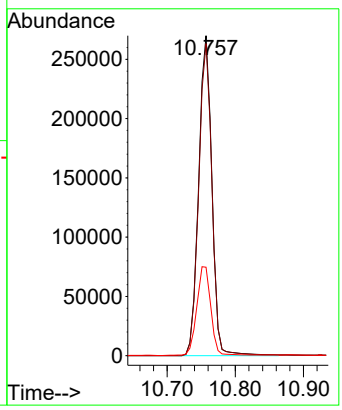


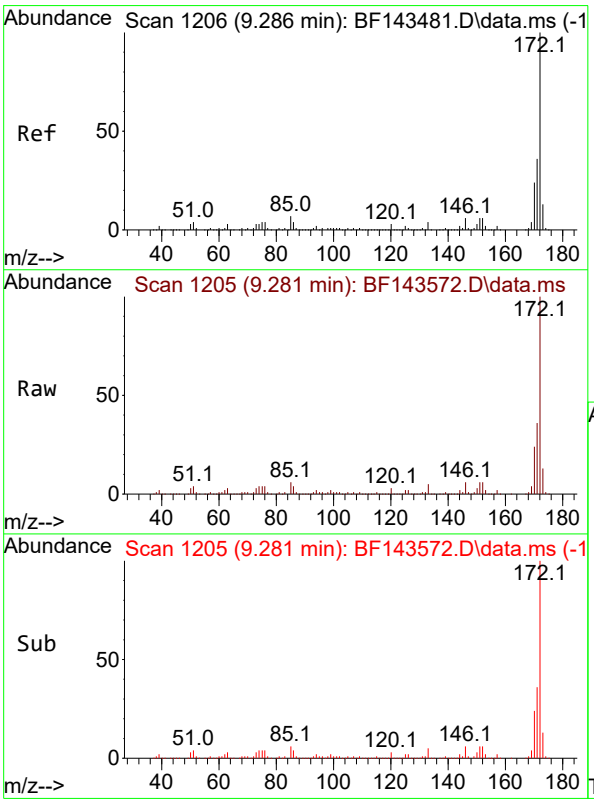
#42
2,4,6-Tribromophenol
Concen: 154.242 ng
RT: 10.757 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143572.D
Acq: 22 Aug 2025 14:56

Instrument :
BNA_F
ClientSampleId :
MW-12B-081925

Tgt Ion:330 Resp: 364261

Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.0	117.0
141	29.6	23.7	35.5

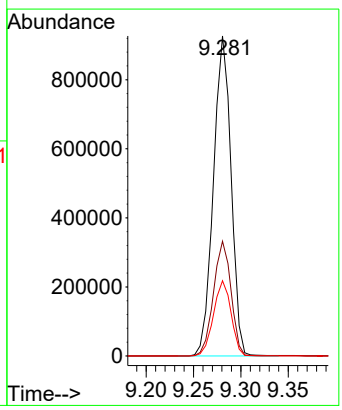


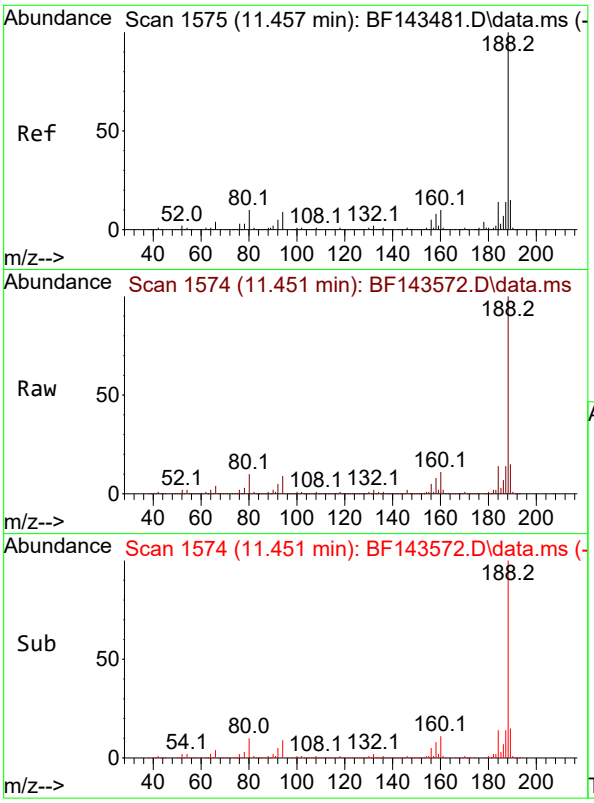


#45
2-Fluorobiphenyl
Concen: 78.420 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143572.D
Acq: 22 Aug 2025 14:56

Tgt Ion:172 Resp: 1203845

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.8	43.2
170	23.5	18.8	28.2



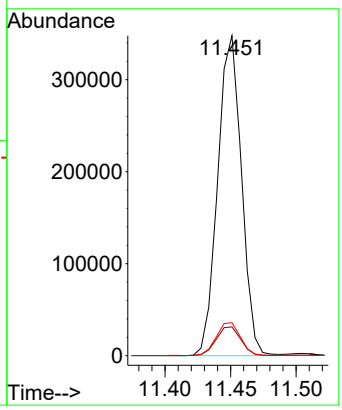


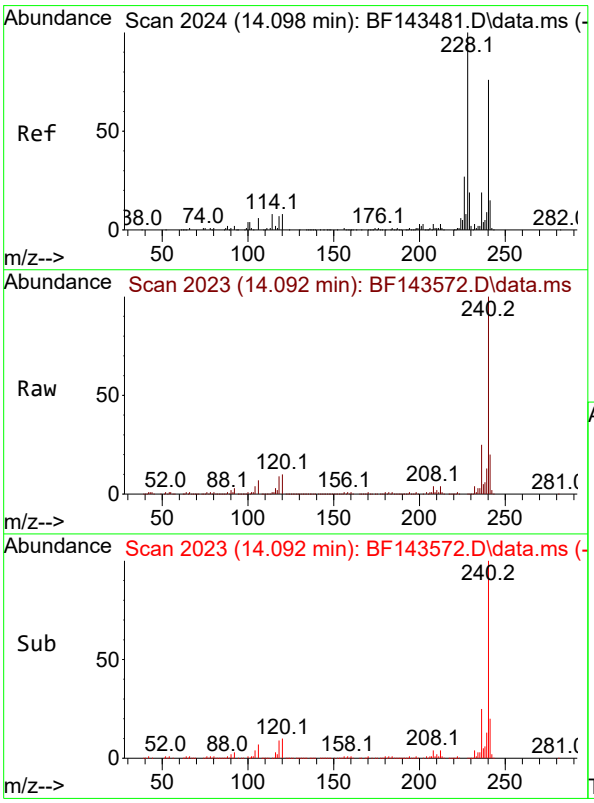
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143572.D
Acq: 22 Aug 2025 14:56

Instrument :
BNA_F
ClientSampleId :
MW-12B-081925

Tgt Ion:188 Resp: 438807

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.4	11.2
80	10.3	8.2	12.4

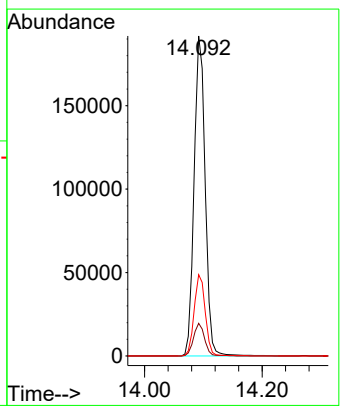


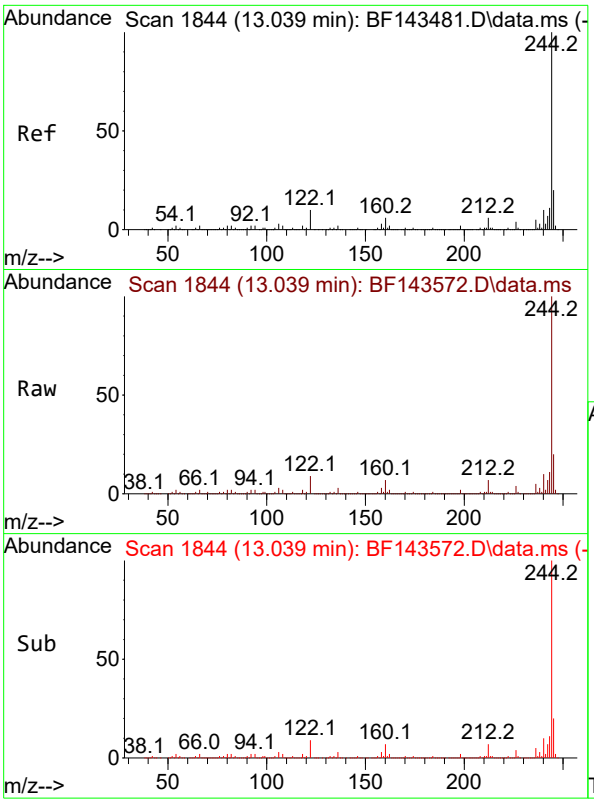


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF143572.D
Acq: 22 Aug 2025 14:56

Tgt Ion:240 Resp: 250826

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.6	12.8
236	25.4	20.4	30.6



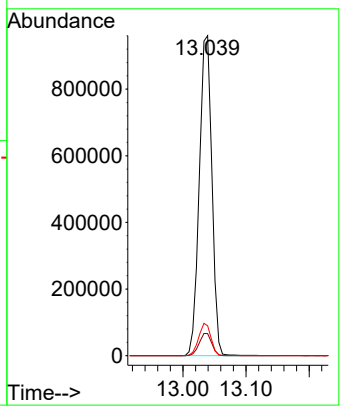


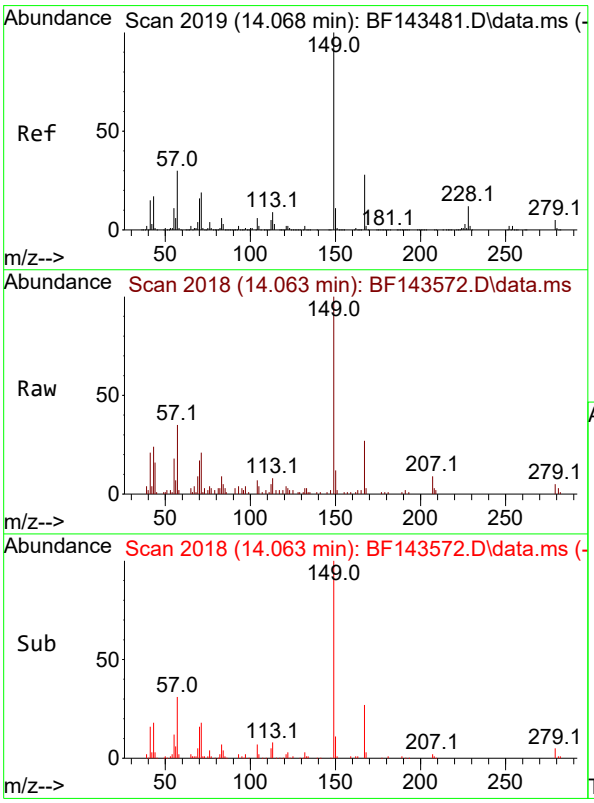
#79
Terphenyl-d14
Concen: 92.551 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143572.D
Acq: 22 Aug 2025 14:56

Instrument :
BNA_F
ClientSampleId :
MW-12B-081925

Tgt Ion:244 Resp: 1330303

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.2	7.8
122	9.3	7.9	11.9

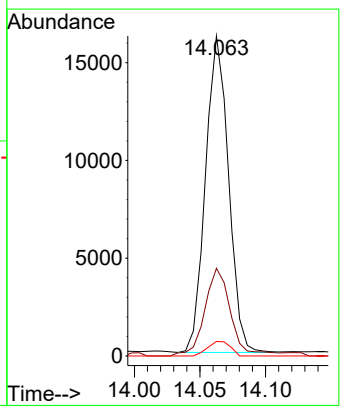


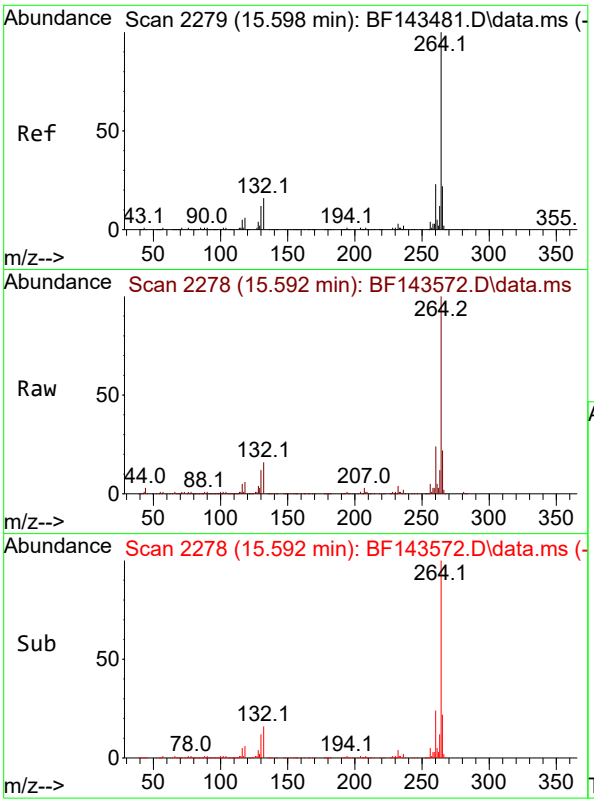


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.306 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF143572.D
Acq: 22 Aug 2025 14:56

Tgt Ion:149 Resp: 19795

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.2	33.2
279	4.6	3.6	5.4



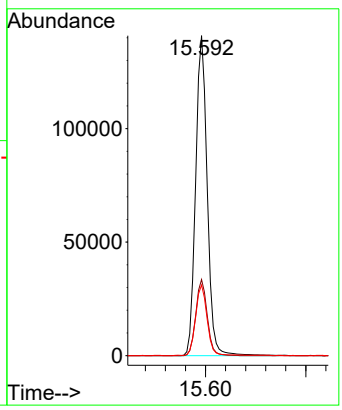


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143572.D
Acq: 22 Aug 2025 14:56

Instrument :
BNA_F
ClientSampleId :
MW-12B-081925

Tgt Ion:264 Resp: 225338

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	22.1	17.6	26.4



Sample Results: **BF143572.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143572.D
Acq On : 22 Aug 2025 14:56
Operator : RC/JU
Sample : Q2903-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12B-081925

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: BF143572.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.257	3	11	24	rVB	2021337	3337920	44.12%	8.606%
2	5.157	495	504	512	rBV2	106263	181546	2.40%	0.468%
3	5.563	563	573	597	rBV	1201318	1648218	21.79%	4.249%
4	6.104	660	665	670	rBV	192036	246942	3.26%	0.637%
5	6.557	733	742	748	rBV	862167	1159667	15.33%	2.990%
6	6.610	748	751	764	rVB	183489	244377	3.23%	0.630%
7	6.922	799	804	810	rBV	504220	634651	8.39%	1.636%
8	6.981	810	814	824	rVB	114126	163943	2.17%	0.423%
9	7.116	829	837	842	rBV	5045509	7565055	100.00%	19.504%
10	7.487	888	900	910	rBV2	1557989	2333853	30.85%	6.017%
11	7.875	960	966	972	rVB	83435	110860	1.47%	0.286%
12	7.945	972	978	982	rBV2	282665	400923	5.30%	1.034%
13	7.992	982	986	991	rVV	210310	362425	4.79%	0.934%
14	8.228	1014	1026	1031	rBV2	2396219	4126826	54.55%	10.639%
15	8.269	1031	1033	1045	rVB2	66732	92000	1.22%	0.237%
16	8.463	1061	1066	1078	rVB2	82016	150322	1.99%	0.388%
17	8.792	1114	1122	1127	rBV2	131216	179344	2.37%	0.462%
18	9.016	1154	1160	1164	rBV	300762	391198	5.17%	1.009%
19	9.092	1169	1173	1180	rVB	95815	147341	1.95%	0.380%
20	9.281	1199	1205	1210	rBV	2736639	3545090	46.86%	9.140%
21	9.375	1216	1221	1228	rBV4	44605	82003	1.08%	0.211%
22	9.963	1315	1321	1325	rBV	846772	1100338	14.55%	2.837%
23	10.233	1361	1367	1374	rBV	142188	239384	3.16%	0.617%
24	10.416	1393	1398	1404	rVB	168830	233695	3.09%	0.602%
25	10.675	1437	1442	1447	rVB	151187	199794	2.64%	0.515%
26	10.757	1449	1456	1466	rBV2	2085264	3044597	40.25%	7.849%
27	10.910	1479	1482	1486	rBV	81288	98547	1.30%	0.254%
28	11.451	1569	1574	1581	rVB	874584	1119499	14.80%	2.886%
29	11.974	1658	1663	1675	rBV3	173979	310526	4.10%	0.801%
30	12.504	1748	1753	1767	rVB5	37758	107744	1.42%	0.278%
31	12.851	1807	1812	1816	rVV	75329	105936	1.40%	0.273%
32	13.033	1837	1843	1849	rBV	2570163	3588838	47.44%	9.252%
33	13.257	1876	1881	1897	rVB	48665	106024	1.40%	0.273%
34	13.939	1992	1997	2013	rBV3	55883	136859	1.81%	0.353%
35	14.092	2019	2023	2031	rVB	518990	688070	9.10%	1.774%
36	15.592	2272	2278	2292	rVB	378940	603725	7.98%	1.556%

Sample Results: **BF143572.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143572.D
Acq On : 22 Aug 2025 14:56
Operator : RC/JU
Sample : Q2903-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12B-081925

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

Sum of corrected areas: 38788080

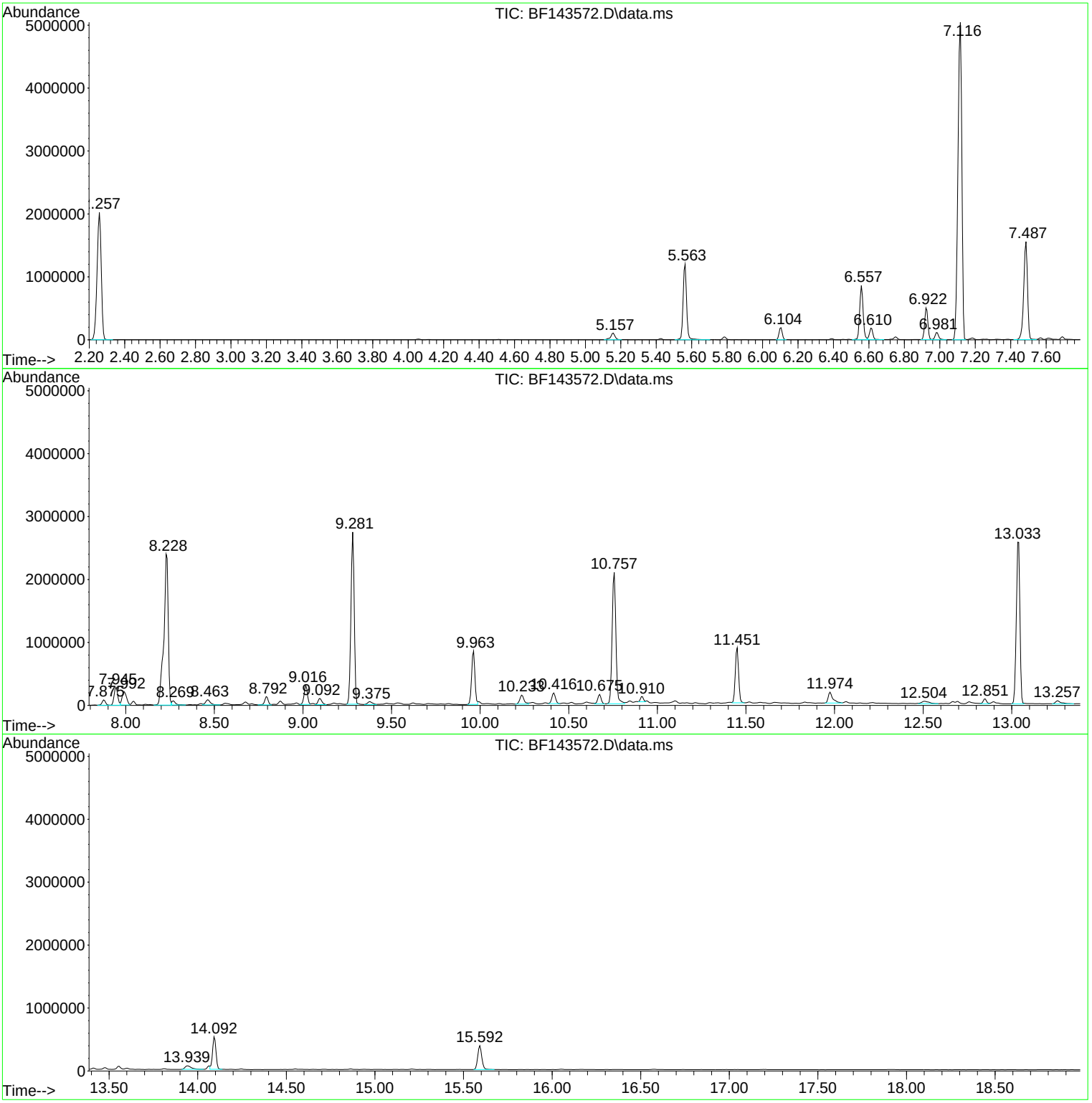
Sample Results: **BF143572.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143572.D
Acq On : 22 Aug 2025 14:56
Operator : RC/JU
Sample : Q2903-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12B-081925

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



Sample Results: **BF143572.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143572.D
Acq On : 22 Aug 2025 14:56
Operator : RC/JU
Sample : Q2903-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12B-081925

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

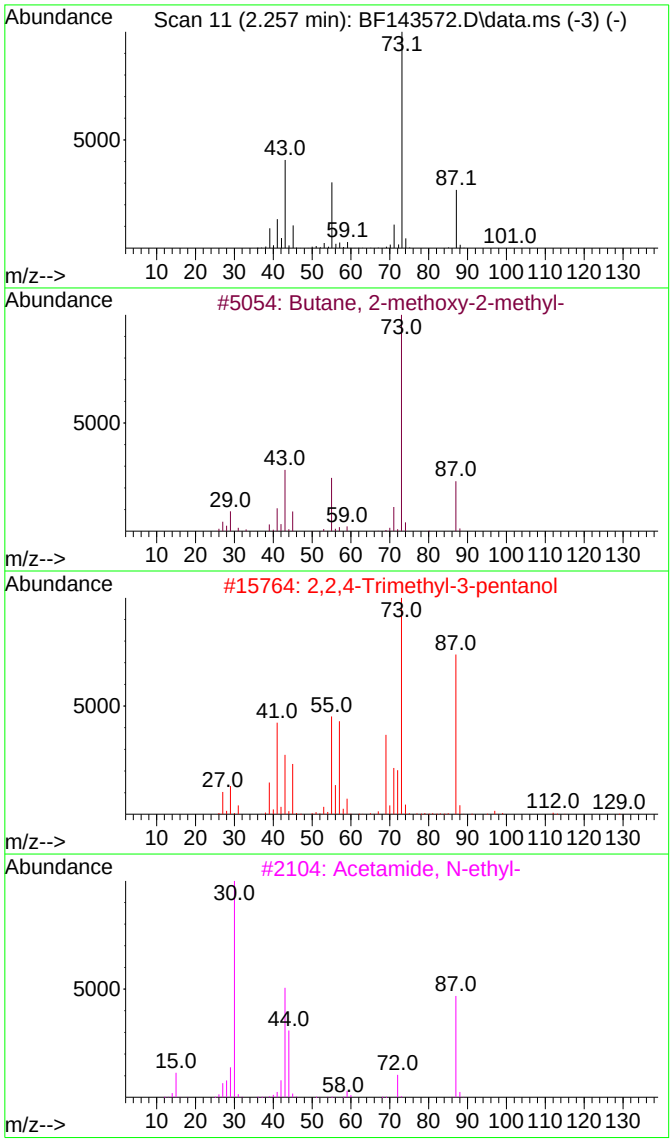
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TIC Integration Parameters: LSCINT.P

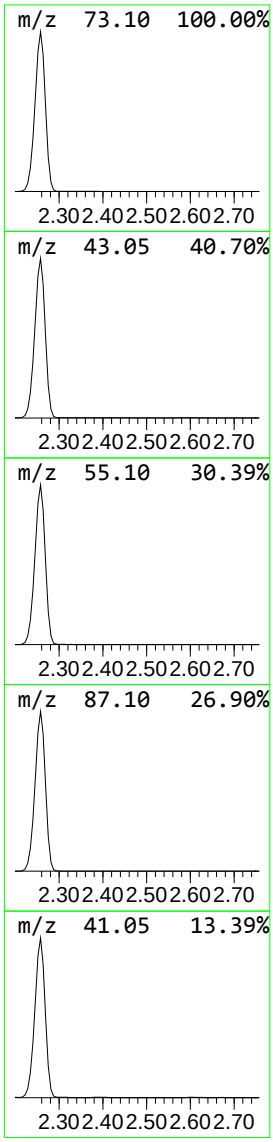
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.257	105.19 ng	3337920	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	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Sample Results: **BF143572.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143572.D
Acq On : 22 Aug 2025 14:56
Operator : RC/JU
Sample : Q2903-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12B-081925

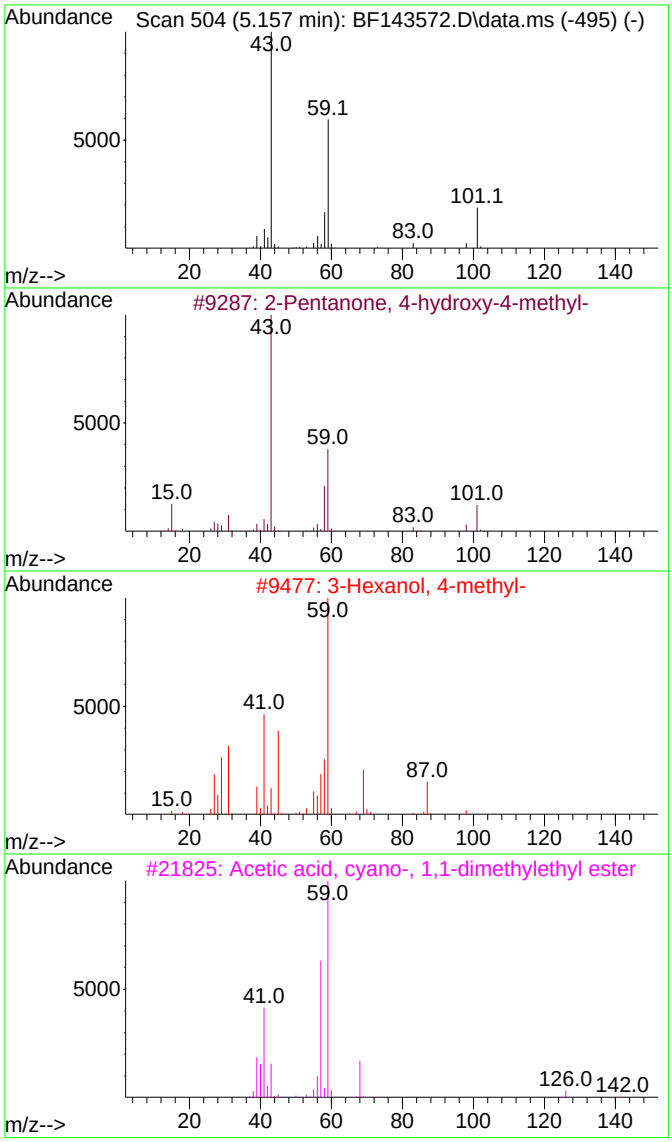
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

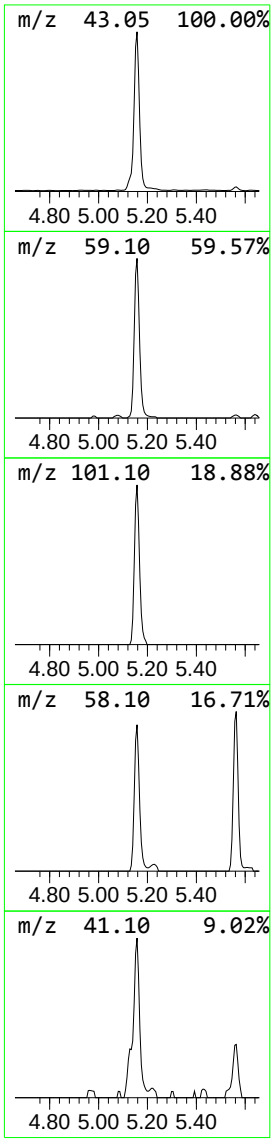
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.157	5.72 ng	181546	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	64
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	Acetone	58	C3H6O	000067-64-1	12





Sample Results: **BF143572.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143572.D
Acq On : 22 Aug 2025 14:56
Operator : RC/JU
Sample : Q2903-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12B-081925

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

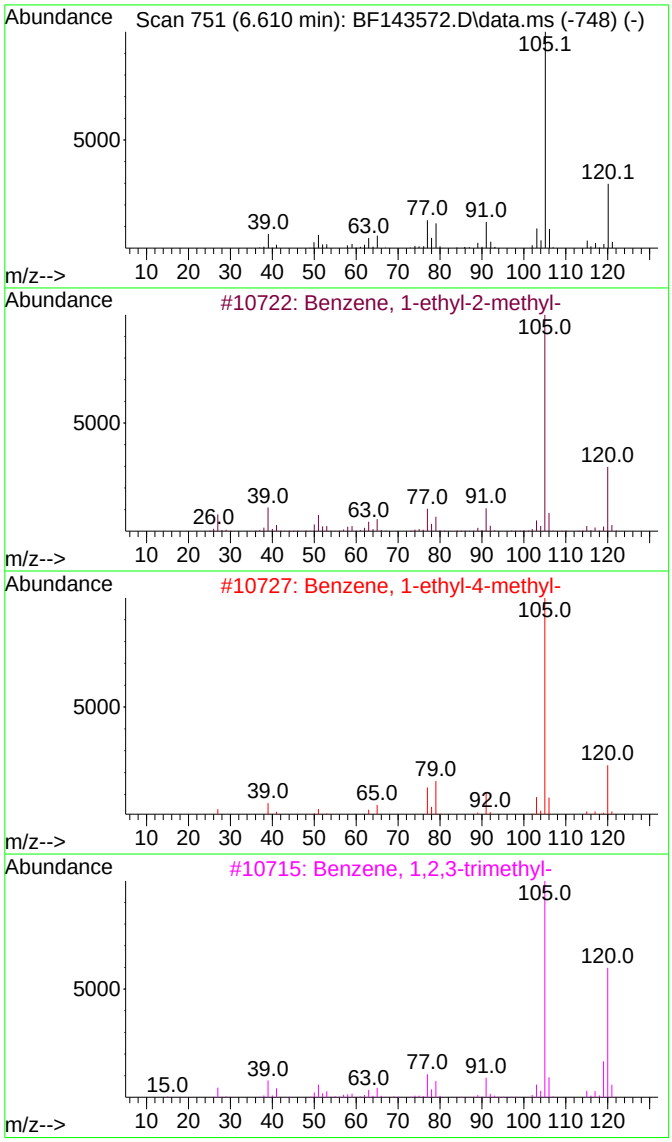
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TIC Integration Parameters: LSCINT.P

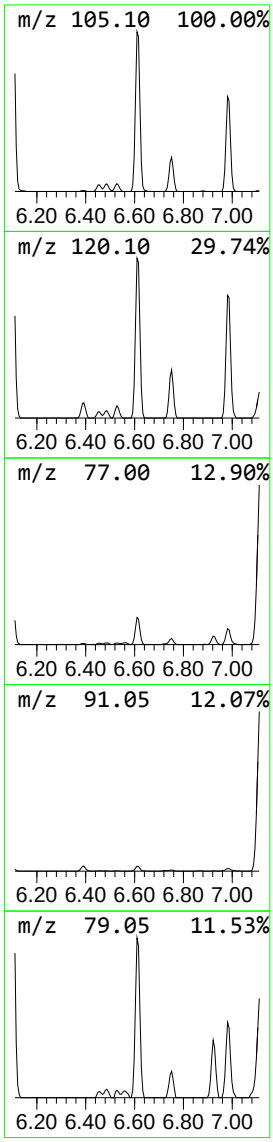
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Peak Number 4 Benzene, 1-ethyl-4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.610	7.70 ng	244377	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143572.D
Acq On : 22 Aug 2025 14:56
Operator : RC/JU
Sample : Q2903-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12B-081925

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

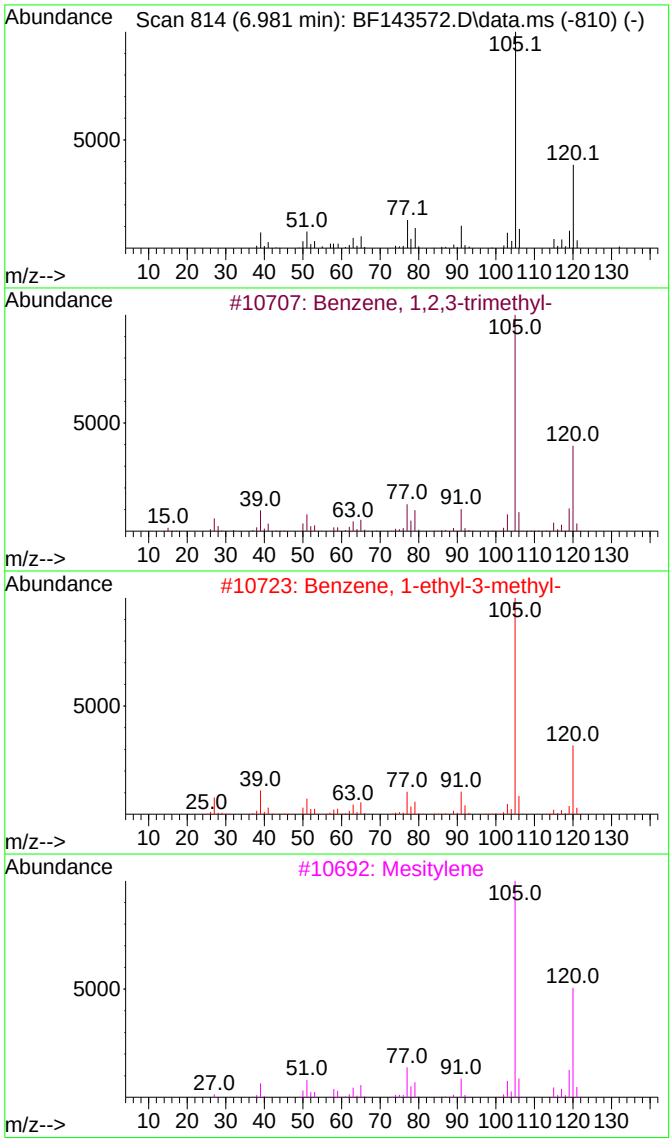
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TIC Integration Parameters: LSCINT.P

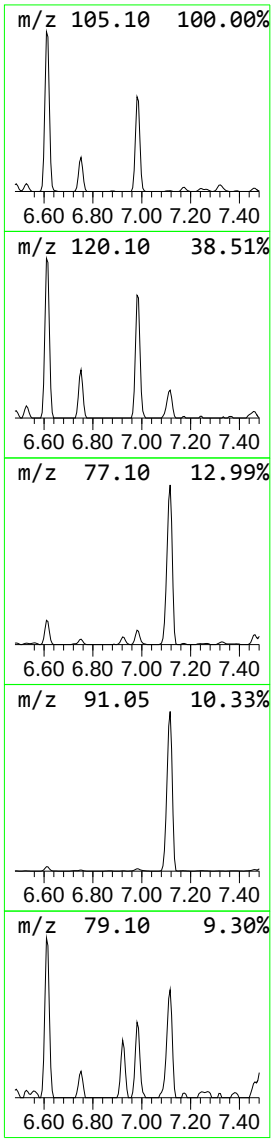
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Peak Number 5 unknown6.981 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.981	5.17 ng	163943	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Mesitylene	120	C9H12	000108-67-8	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143572.D
Acq On : 22 Aug 2025 14:56
Operator : RC/JU
Sample : Q2903-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12B-081925

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

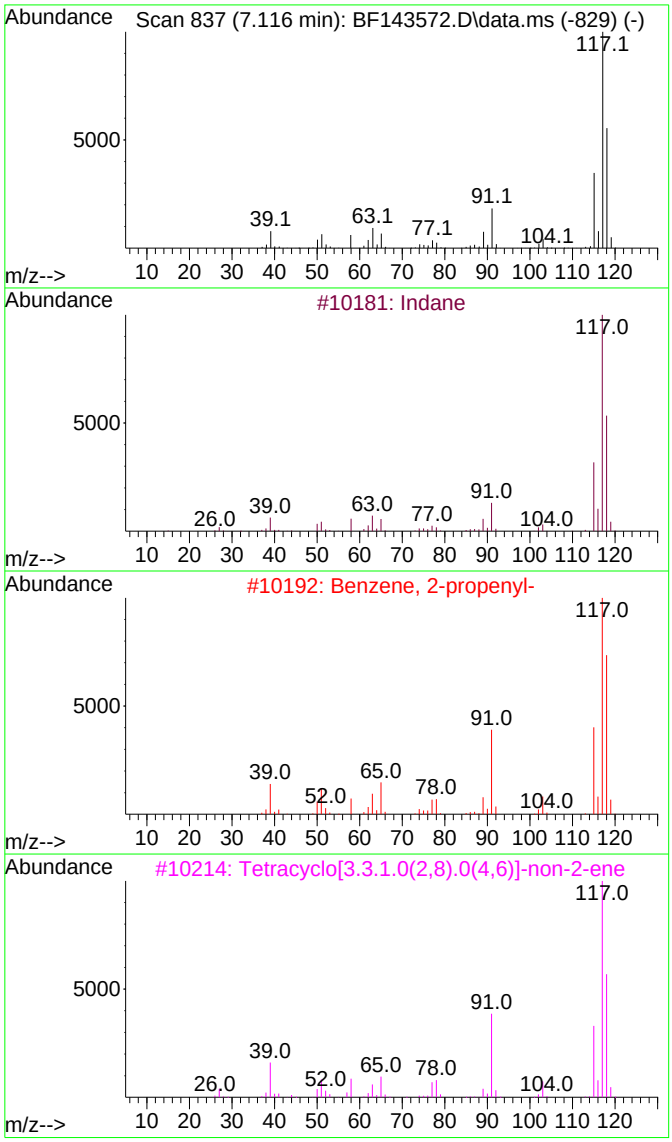
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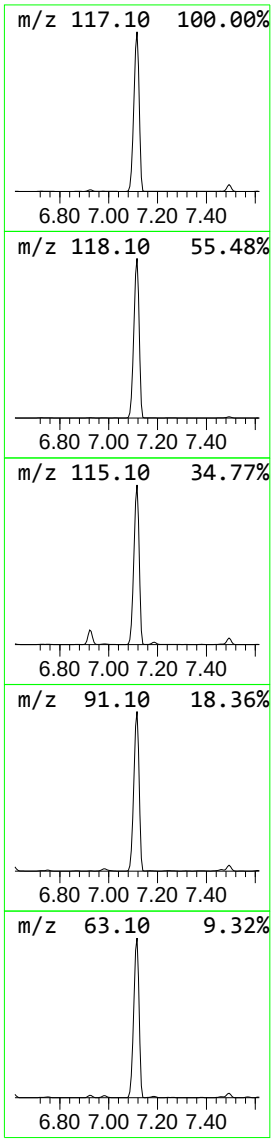
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Peak Number 6 Benzene, 2-propenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.116	238.40 ng	7565060	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
5	Benzene, (isocyanomethyl)-	117	C8H7N	010340-91-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143572.D
Acq On : 22 Aug 2025 14:56
Operator : RC/JU
Sample : Q2903-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12B-081925

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

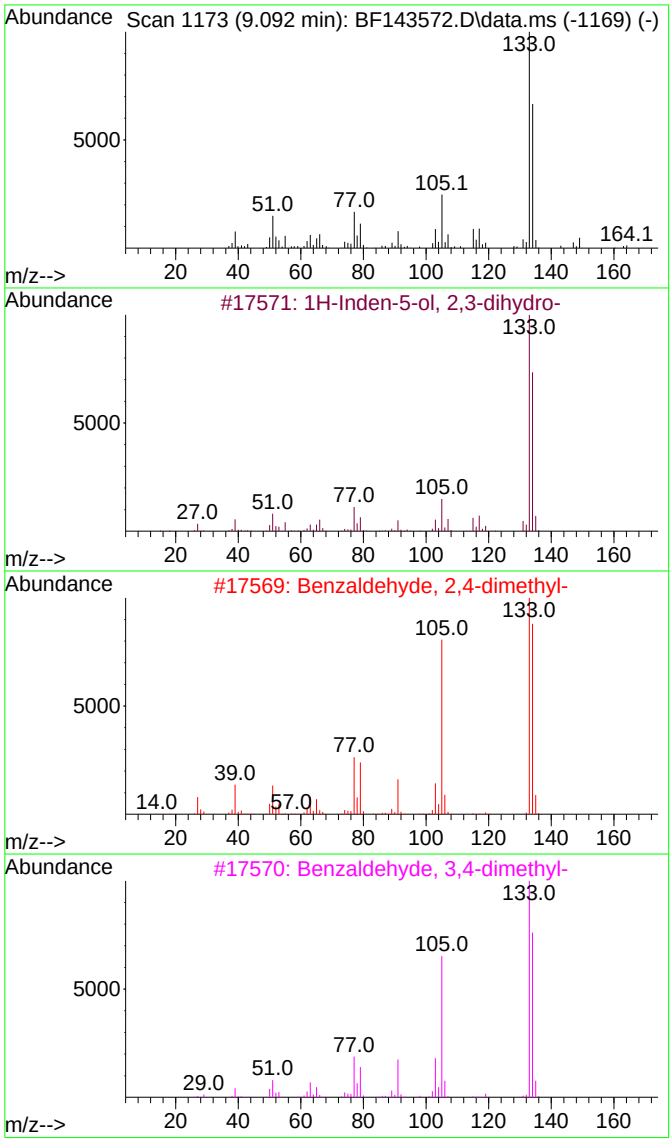
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TIC Integration Parameters: LSCINT.P

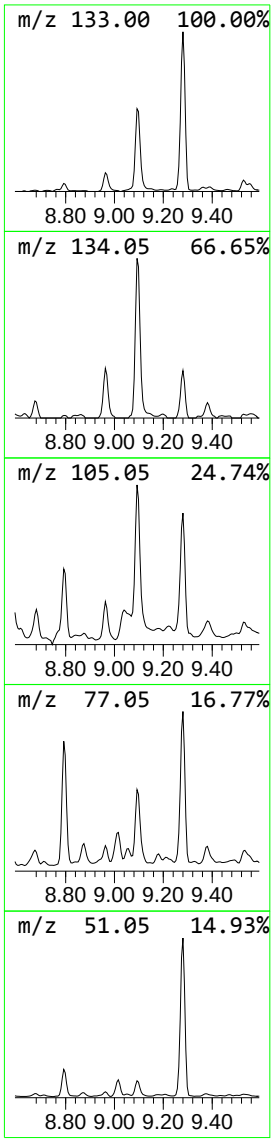
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Peak Number 7 1H-Inden-5-ol, 2,3-dihydro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.092	2.68 ng	147341	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	87
2	Benzaldehyde, 2,4-dimethyl-	134	C9H10O	015764-16-6	74
3	Benzaldehyde, 3,4-dimethyl-	134	C9H10O	005973-71-7	72
4	Benzaldehyde, 4-ethyl-	134	C9H10O	004748-78-1	72
5	1H-Inden-1-ol, 2,3-dihydro-	134	C9H10O	006351-10-6	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143572.D
Acq On : 22 Aug 2025 14:56
Operator : RC/JU
Sample : Q2903-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12B-081925

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

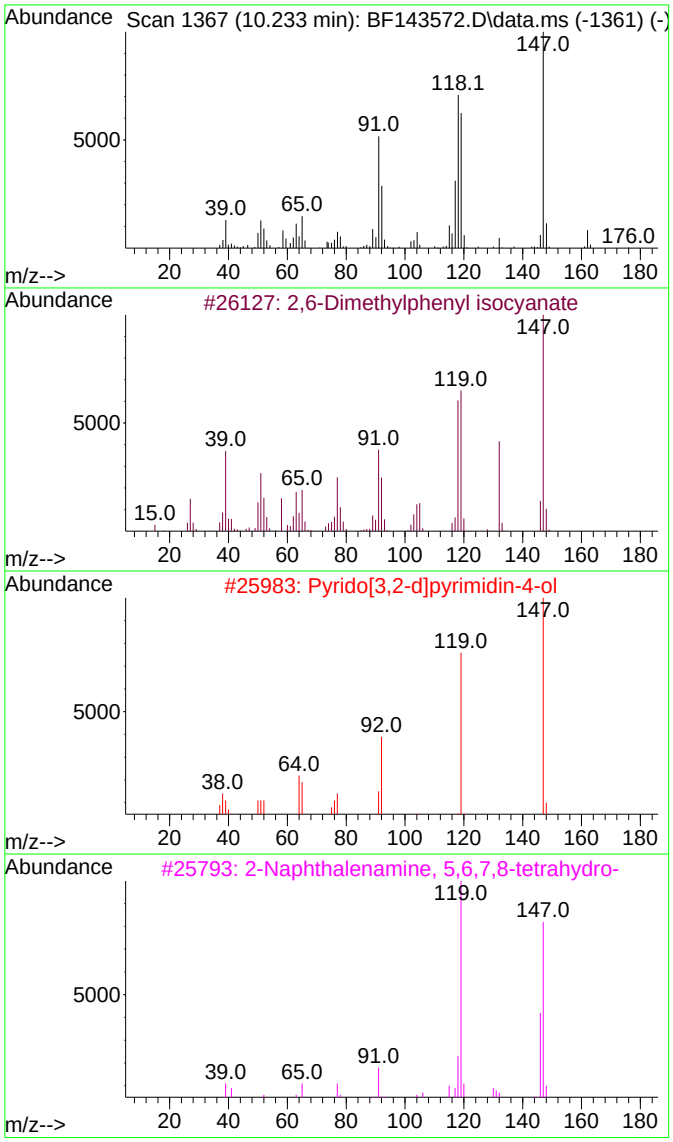
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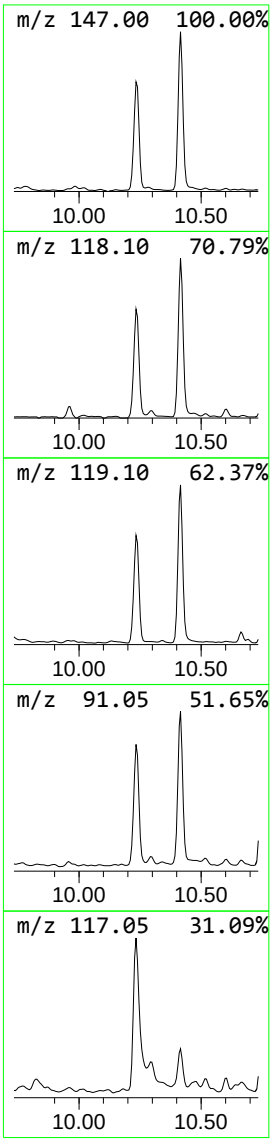
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Peak Number 8 2,6-Dimethylphenyl isocyanate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.233	4.35 ng	239384	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethylphenyl isocyanate	147	C9H9NO	028556-81-2	83
2	Pyrido[3,2-d]pyrimidin-4-ol	147	C7H5N3O	037538-67-3	70
3	2-Naphthalenamine, 5,6,7,8-tetra...	147	C10H13N	002217-43-8	64
4	1H-Inden-1-one, 5-amino-2,3-dihy...	147	C9H9NO	003470-54-0	53
5	1H-Indole-1-carboxaldehyde, 2,3-...	147	C9H9NO	002861-59-8	52





Sample Results: **BF143572.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143572.D
Acq On : 22 Aug 2025 14:56
Operator : RC/JU
Sample : Q2903-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12B-081925

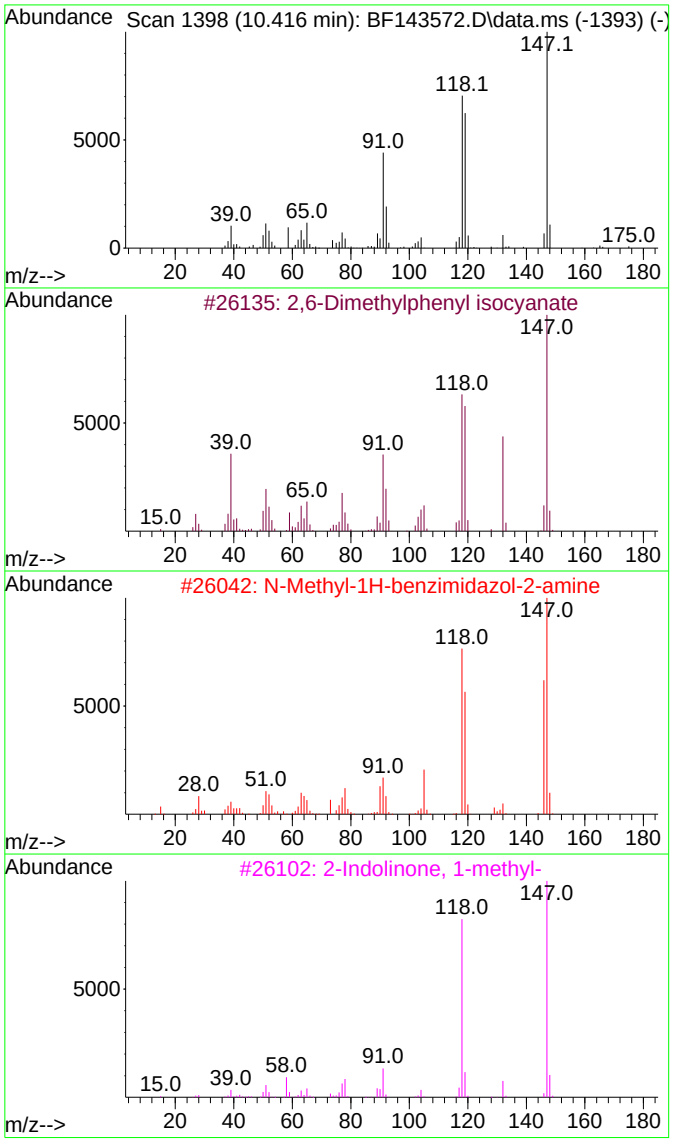
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

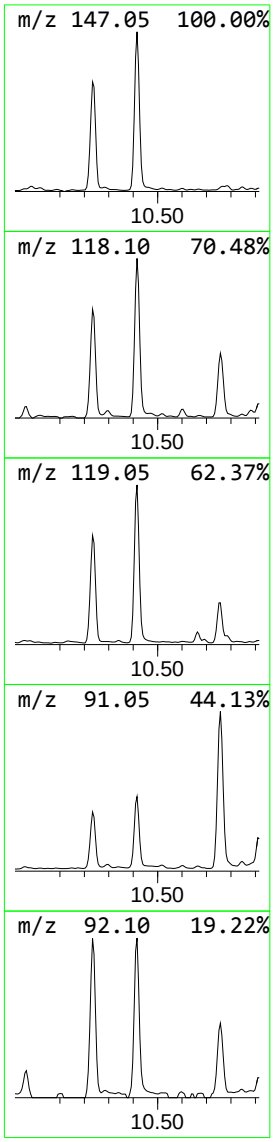
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 N-Methyl-1H-benzimidazol-2-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.416	4.25 ng	233695	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethylphenyl isocyanate	147	C9H9NO	028556-81-2	86
2	N-Methyl-1H-benzimidazol-2-amine	147	C8H9N3	017228-38-5	80
3	2-Indolinone, 1-methyl-	147	C9H9NO	000061-70-1	76
4	1H-Indole, 2,3-dihydro-	119	C8H9N	000496-15-1	38
5	Pyridine, 5-ethenyl-2-methyl-	119	C8H9N	000140-76-1	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143572.D
Acq On : 22 Aug 2025 14:56
Operator : RC/JU
Sample : Q2903-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12B-081925

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

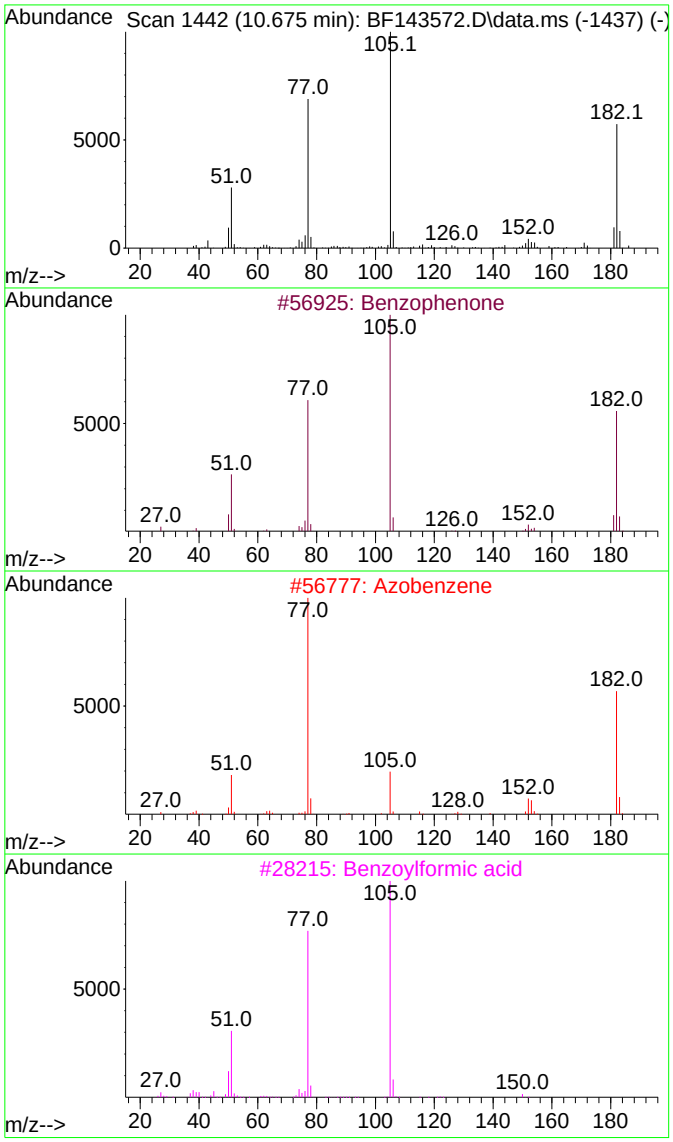
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TIC Integration Parameters: LSCINT.P

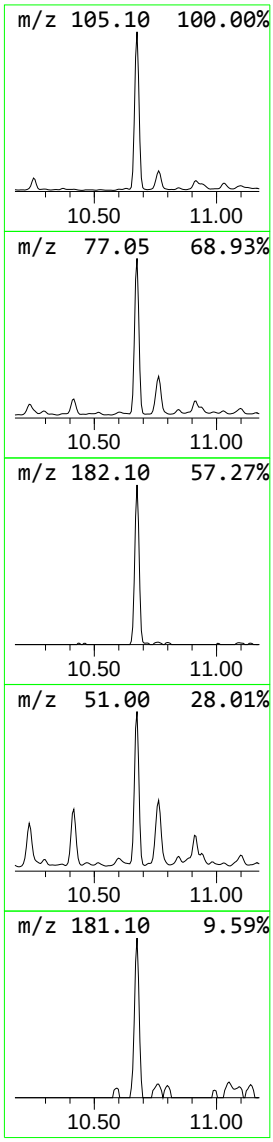
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Peak Number 10 Benzophenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.675	3.63 ng	199794	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	59
3	Benzoylformic acid	150	C8H6O3	000611-73-4	49
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	46
5	2-Chloro-1-phenyl-1-propanone	168	C9H9ClO	006084-17-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143572.D
Acq On : 22 Aug 2025 14:56
Operator : RC/JU
Sample : Q2903-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12B-081925

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

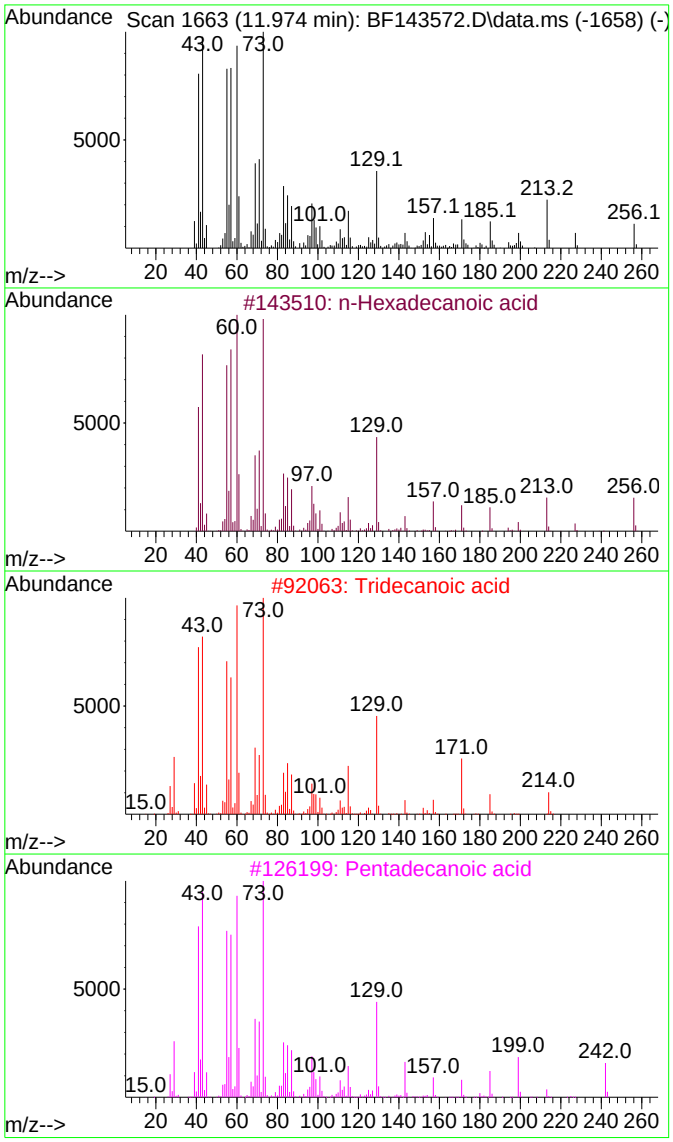
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TIC Integration Parameters: LSCINT.P

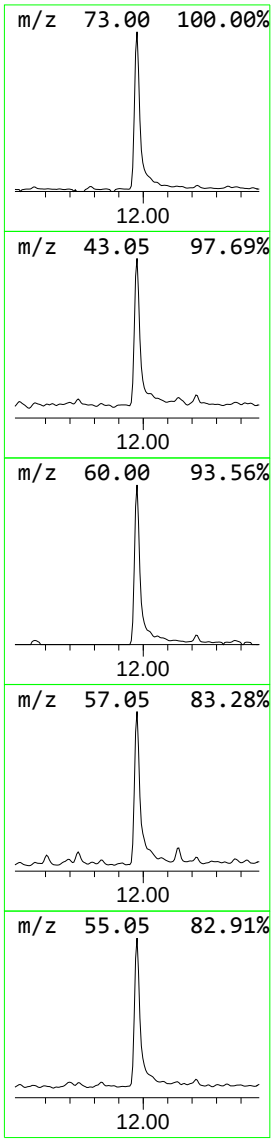
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Peak Number 11 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	5.55 ng	310526	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Undecanoic acid	186	C11H22O2	000112-37-8	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143572.D
Acq On : 22 Aug 2025 14:56
Operator : RC/JU
Sample : Q2903-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12B-081925

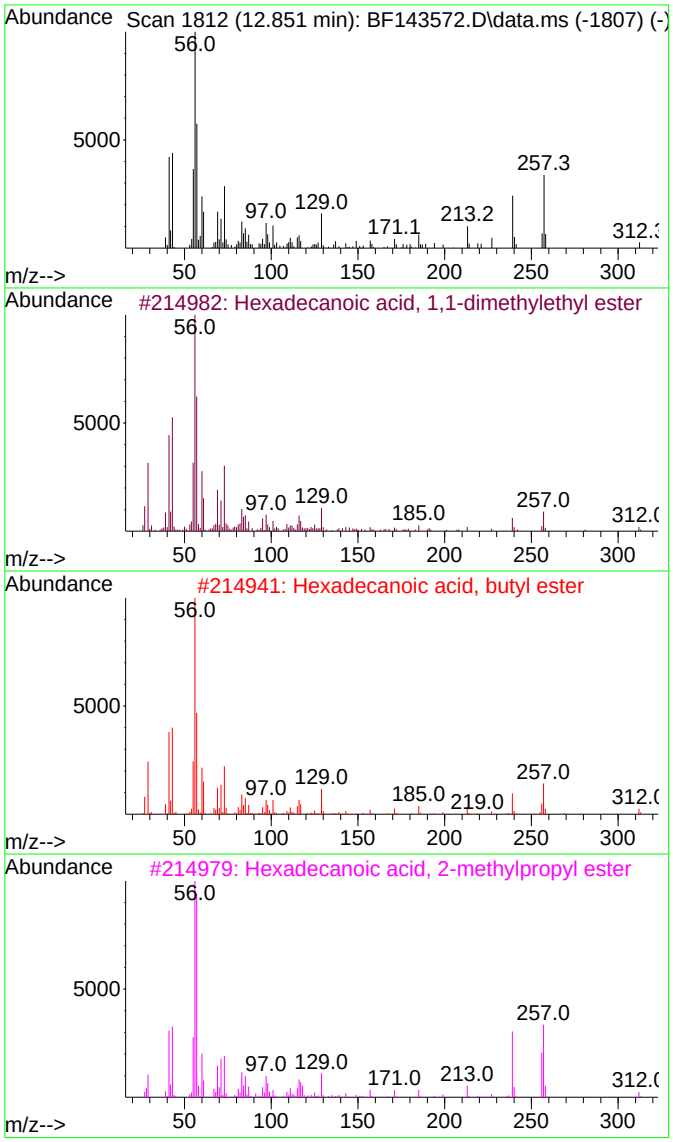
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

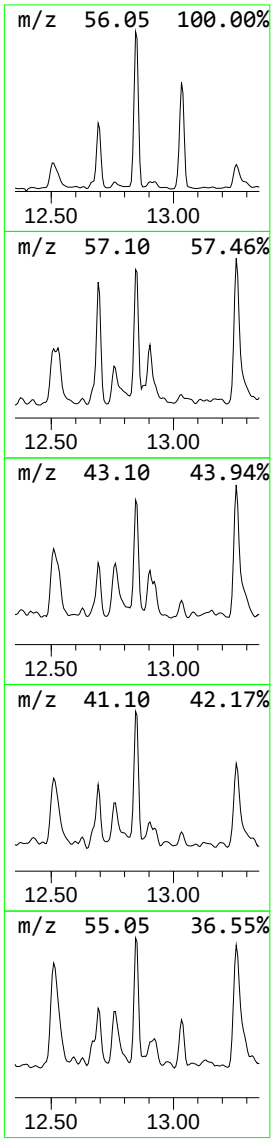
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Hexadecanoic acid, 1,1-dime... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.851	3.08 ng	105936	Chrysene-d12	14.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	93
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	93
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	70
4	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	30
5	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143572.D
Acq On : 22 Aug 2025 14:56
Operator : RC/JU
Sample : Q2903-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12B-081925

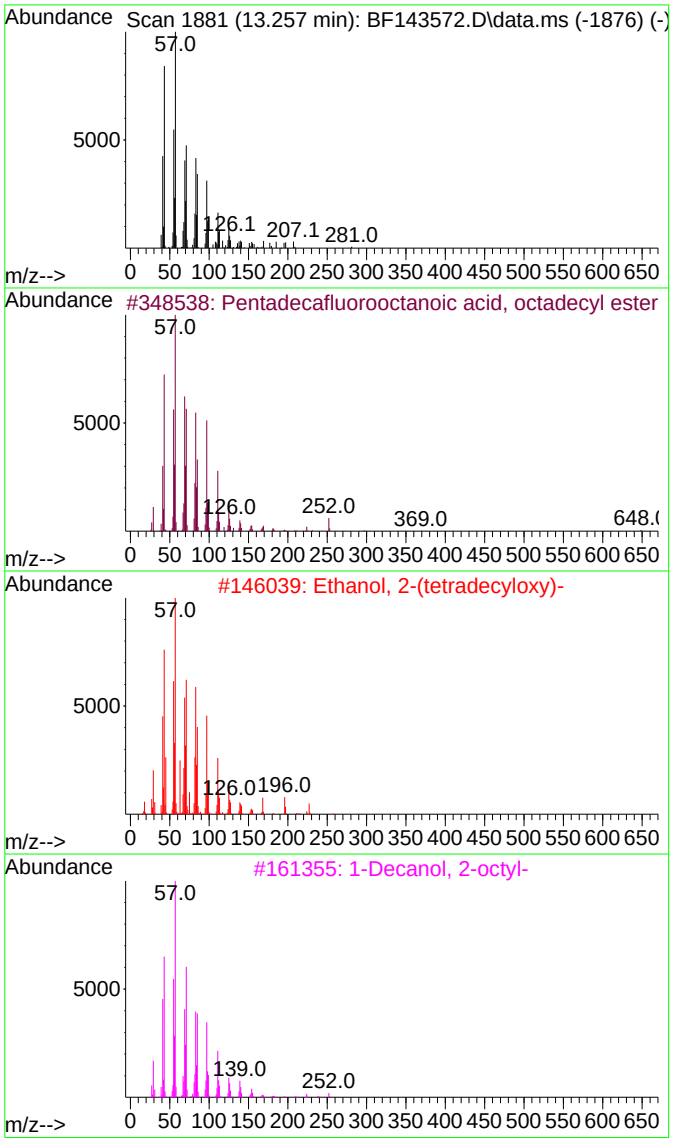
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

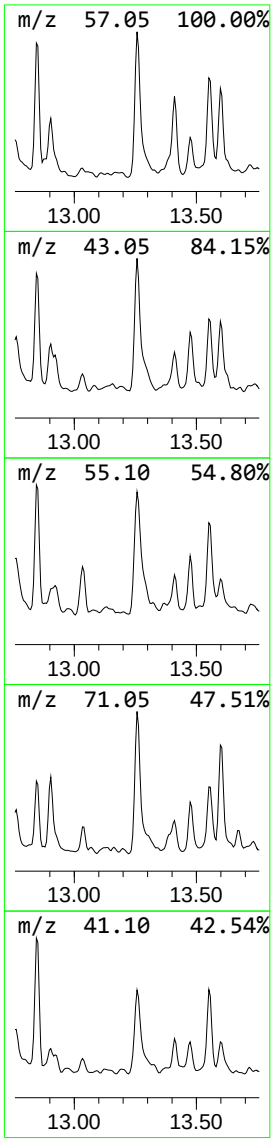
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Pentadecafluorooctanoic aci... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.257	3.08 ng	106024	Chrysene-d12	14.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	91
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
5	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143572.D
Acq On : 22 Aug 2025 14:56
Operator : RC/JU
Sample : Q2903-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12B-081925

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

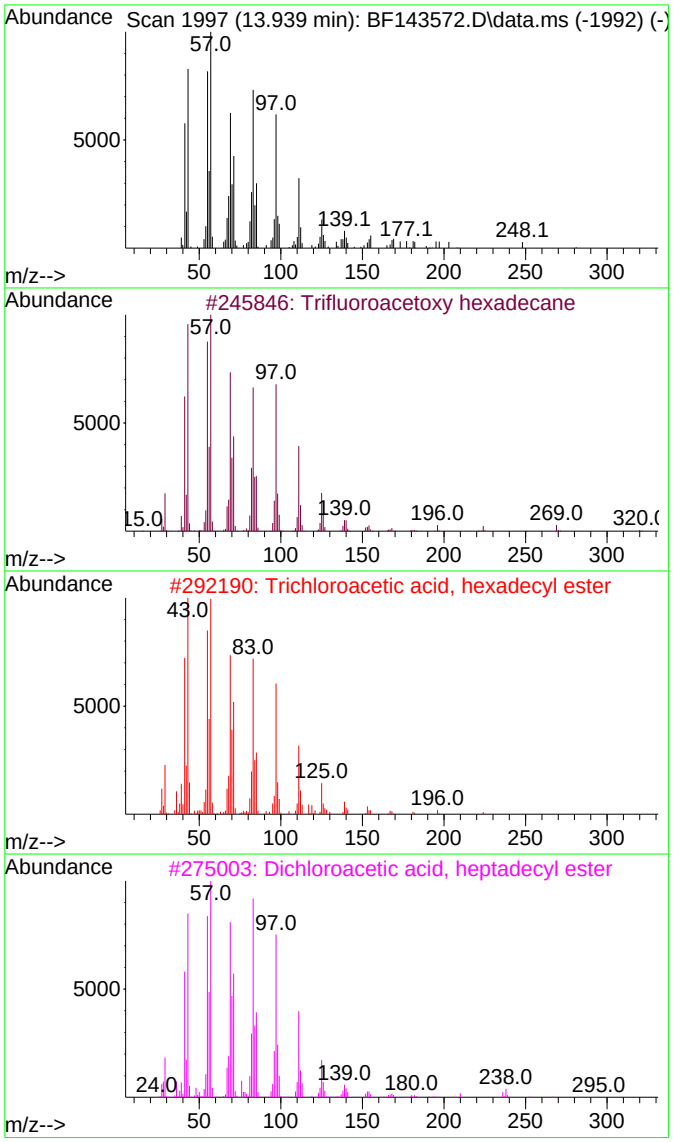
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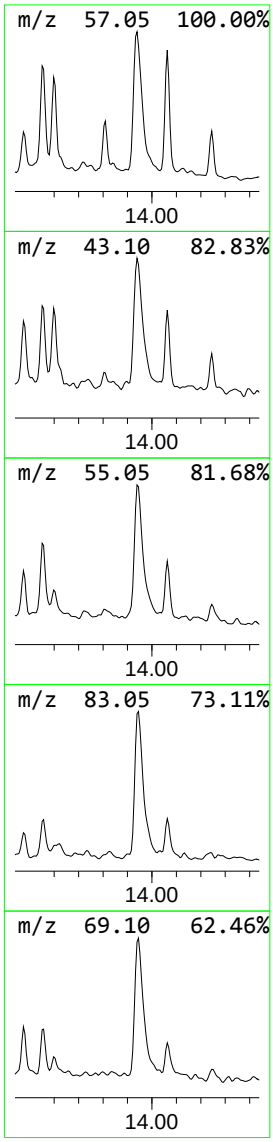
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Peak Number 14 Trifluoroacetoxy hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.939	3.98 ng	136859	Chrysene-d12	14.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94





Sample Results: **BF143572.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143572.D
Acq On : 22 Aug 2025 14:56
Operator : RC/JU
Sample : Q2903-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12B-081925

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...	2.257	105.2	ng	3337920	1	6.922	634651	20.0
2-Pentanone, 4-...	5.157	5.7	ng	181546	1	6.922	634651	20.0
Benzene, 1-ethy...	6.610	7.7	ng	244377	1	6.922	634651	20.0
unknown6.981	6.981	5.2	ng	163943	1	6.922	634651	20.0
Benzene, 2-prop...	7.116	238.4	ng	7565060	1	6.922	634651	20.0
1H-Inden-5-ol, ...	9.092	2.7	ng	147341	3	9.963	1100340	20.0
2,6-Dimethylphe...	10.233	4.3	ng	239384	3	9.963	1100340	20.0
N-Methyl-1H-ben...	10.416	4.3	ng	233695	3	9.963	1100340	20.0
Benzophenone	10.675	3.6	ng	199794	3	9.963	1100340	20.0
n-Hexadecanoic ...	11.975	5.5	ng	310526	4	11.451	1119500	20.0
Hexadecanoic ac...	12.851	3.1	ng	105936	5	14.092	688070	20.0
Pentadecafluoro...	13.257	3.1	ng	106024	5	14.092	688070	20.0
Trifluoroacetox...	13.939	4.0	ng	136859	5	14.092	688070	20.0

Raw Data: **BF143573.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-18B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-08	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
BF143573.D	1	08/21/25 08:50	08/22/25 15:25	PB169330

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	35.8		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: **BF143573.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-18B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-08	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
BF143573.D	1	08/21/25 08:50	08/22/25 15:25	PB169330

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	4.40	J	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	2.50	J	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	5.00	UQ	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	UQ	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

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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-18B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-08	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
BF143573.D	1	08/21/25 08:50	08/22/25 15:25	PB169330

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	61.2		23 - 138	41%	SPK: 150
13127-88-3	Phenol-d6	47.5		10 - 134	32%	SPK: 150
4165-60-0	Nitrobenzene-d5	94.7		67 - 132	95%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.6		52 - 132	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	134		44 - 137	89%	SPK: 150
1718-51-0	Terphenyl-d14	101		42 - 152	101%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	115000	6.922			
1146-65-2	Naphthalene-d8	461000	8.204			
15067-26-2	Acenaphthene-d10	268000	9.963			
1517-22-2	Phenanthrene-d10	418000	11.451			
1719-03-5	Chrysene-d12	235000	14.092			
1520-96-3	Perylene-d12	229000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	99.4	J		2.26	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.20	AB		5.16	ug/L
000496-11-7	Indane	2.20	J		7.10	ug/L
90-12-0	1-Methylnaphthalene	6.00	J		9.02	ug/L
000119-61-9	Benzophenone	3.00	J		10.7	ug/L
000111-06-8	Hexadecanoic acid, butyl ester	2.40	J		12.9	ug/L
074339-54-1	Trichloroacetic acid, hexadecyl es	2.60	J		13.9	ug/L

Raw Data: **BF143573.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-18B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-08	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
BF143573.D	1	08/21/25 08:50	08/22/25 15:25	PB169330

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: **BF143573.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143573.D
Acq On : 22 Aug 2025 15:25
Operator : RC/JU
Sample : Q2903-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18B-081925

Quant Time: Aug 22 15:50:19 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

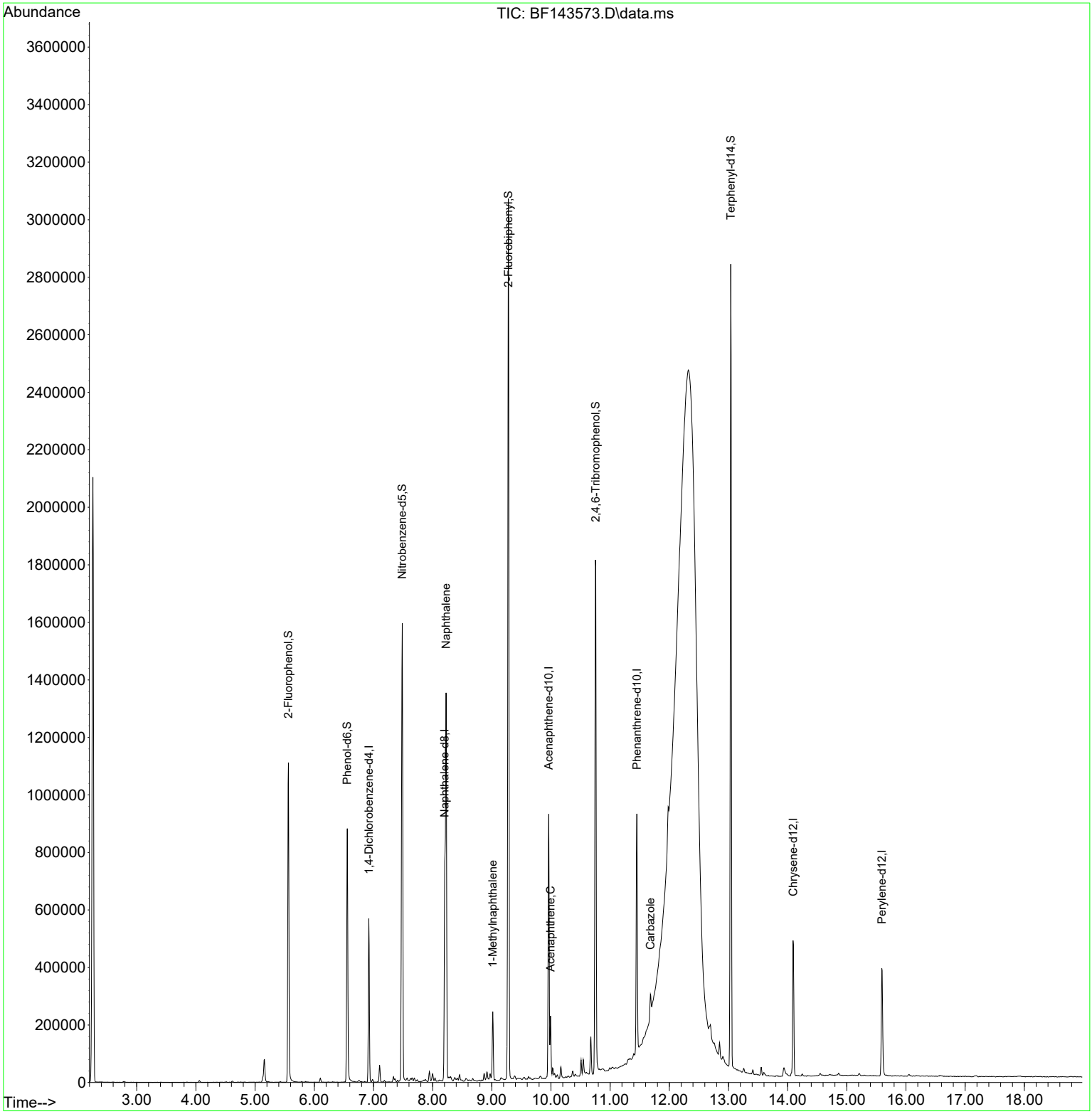
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	115011	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	460839	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	268378	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	418179	20.000	ng	0.00
76) Chrysene-d12	14.092	240	235322	20.000	ng	-0.01
86) Perylene-d12	15.592	264	229304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	403236	61.222	ng	0.00
7) Phenol-d6	6.557	99	386295	47.511	ng	-0.02
23) Nitrobenzene-d5	7.487	82	748035	94.722	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	333521	133.504	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1357068	83.568	ng	0.00
79) Terphenyl-d14	13.039	244	1365932	101.291	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.228	128	793161	35.849	ng	99
38) 1-Methylnaphthalene	9.016	142	84301	5.964	ng	100
52) Acenaphthene	9.992	154	64053	4.408	ng	99
73) Carbazole	11.680	167	45538	2.450	ng	99

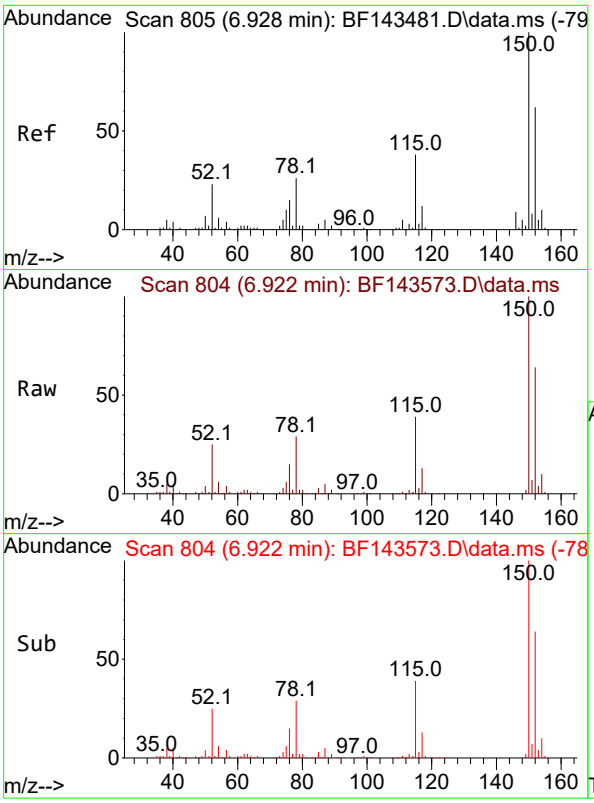
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143573.D
Acq On : 22 Aug 2025 15:25
Operator : RC/JU
Sample : Q2903-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18B-081925

Quant Time: Aug 22 15:50:19 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



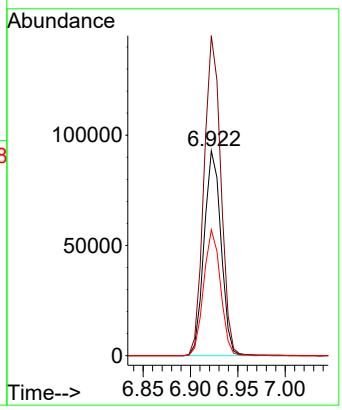


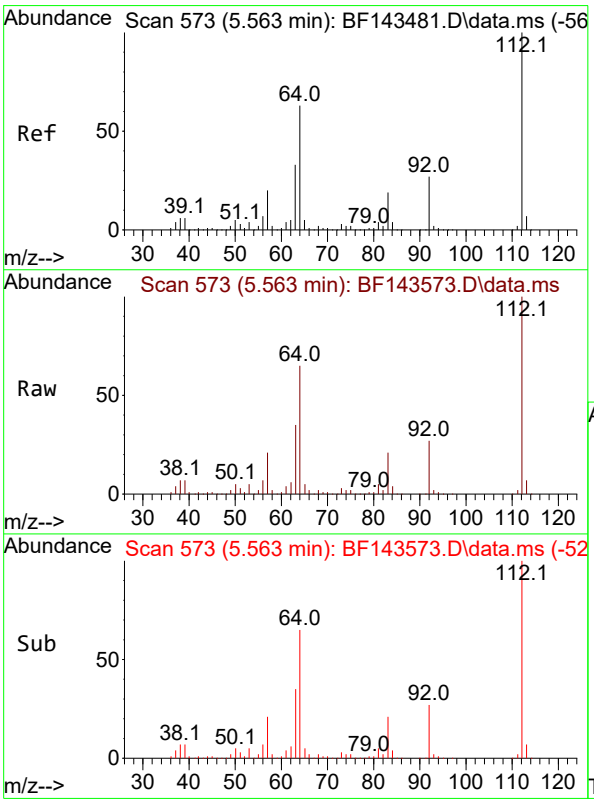
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143573.D
Acq: 22 Aug 2025 15:25

Instrument :
BNA_F
ClientSampleId :
MW-18B-081925

Tgt Ion:152 Resp: 115011

Ion	Ratio	Lower	Upper
152	100		
150	156.3	128.9	193.3
115	61.5	49.2	73.8

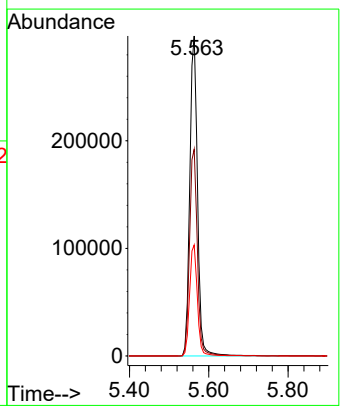


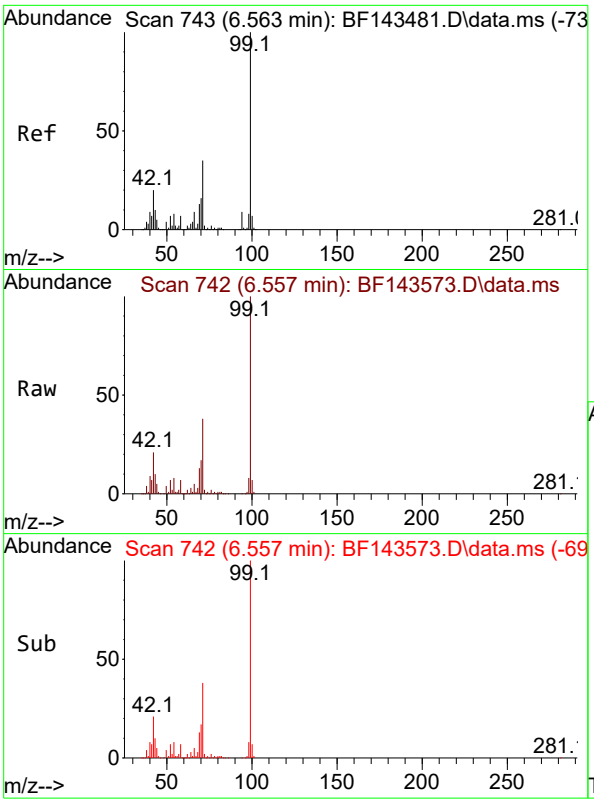


#5
2-Fluorophenol
Concen: 61.222 ng
RT: 5.563 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF143573.D
Acq: 22 Aug 2025 15:25

Tgt Ion:112 Resp: 403236

Ion	Ratio	Lower	Upper
112	100		
64	64.6	50.4	75.6
63	34.7	26.4	39.6



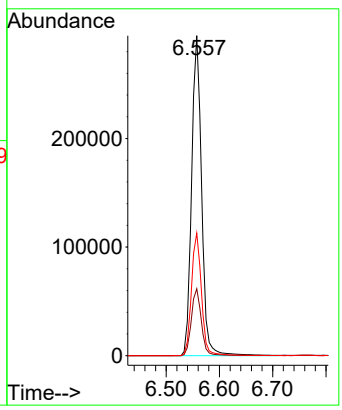


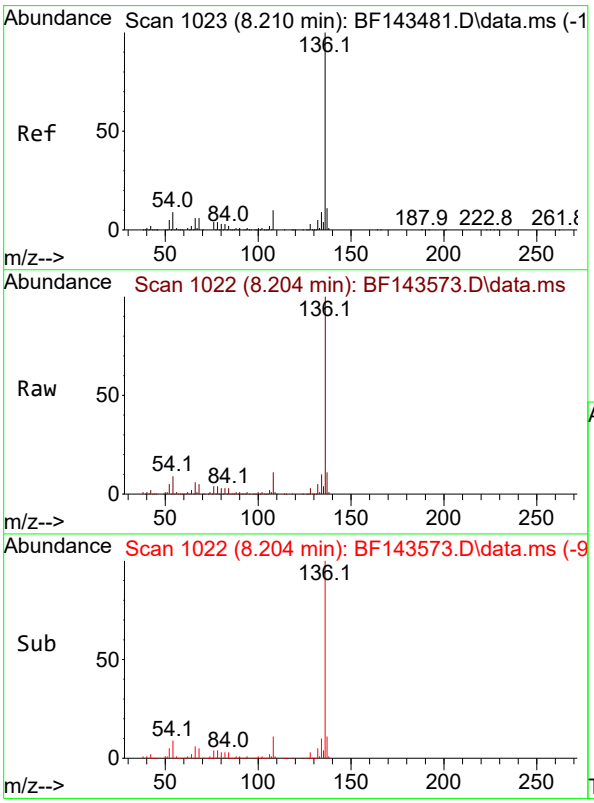
#7
Phenol-d6
Concen: 47.511 ng
RT: 6.557 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143573.D
Acq: 22 Aug 2025 15:25

Instrument :
BNA_F
ClientSampleId :
MW-18B-081925

Tgt Ion: 99 Resp: 386295

Ion	Ratio	Lower	Upper
99	100		
42	20.9	16.3	24.5
71	38.3	28.2	42.2

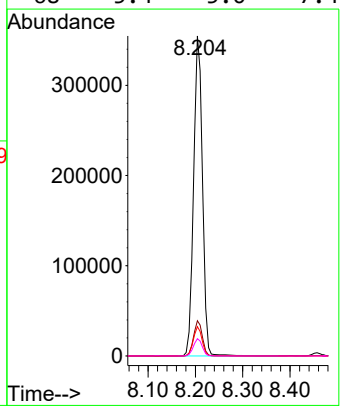


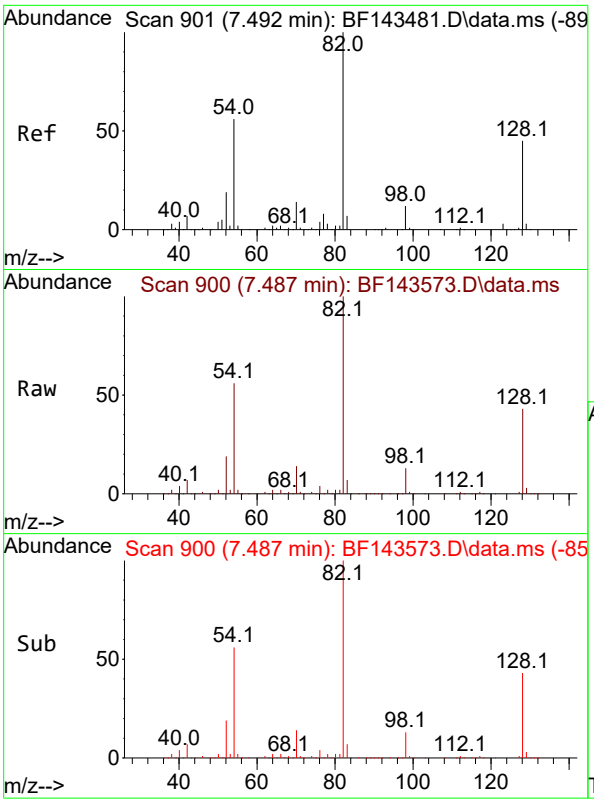


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143573.D
Acq: 22 Aug 2025 15:25

Tgt Ion:136 Resp: 460839

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	9.1	7.4	11.2
68	5.4	5.0	7.4



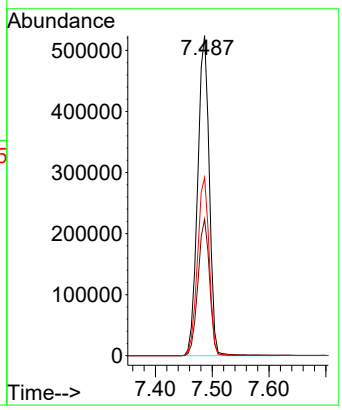


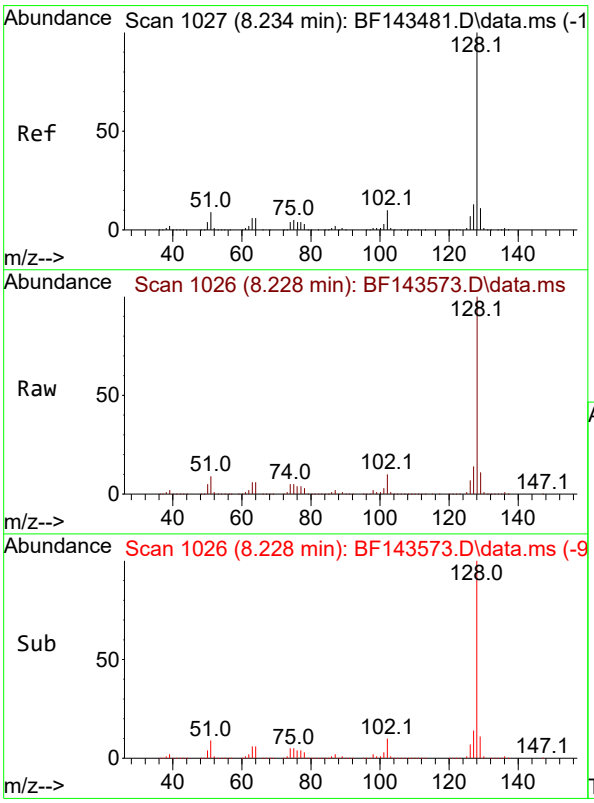
#23
Nitrobenzene-d5
Concen: 94.722 ng
RT: 7.487 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143573.D
Acq: 22 Aug 2025 15:25

Instrument :
BNA_F
ClientSampleId :
MW-18B-081925

Tgt Ion: 82 Resp: 748035

Ion	Ratio	Lower	Upper
82	100		
128	42.6	35.5	53.3
54	55.7	44.3	66.5

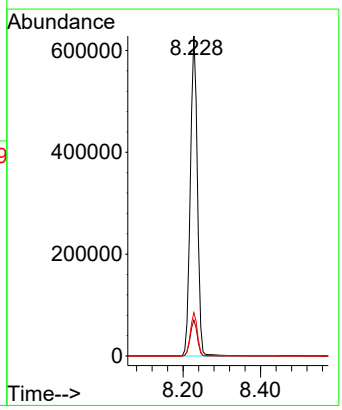


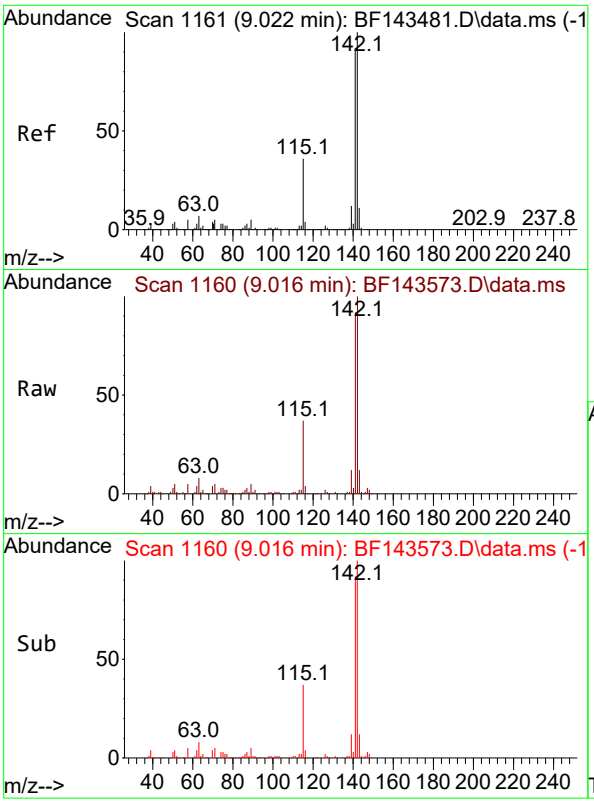


#31
Naphthalene
Concen: 35.849 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF143573.D
Acq: 22 Aug 2025 15:25

Tgt Ion:128 Resp: 793161

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.5	10.6	16.0



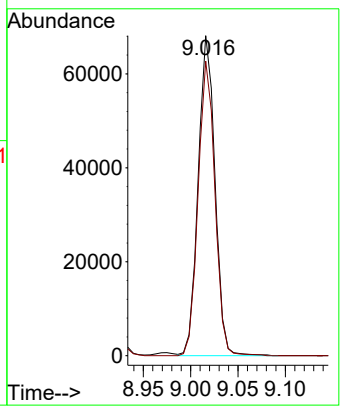


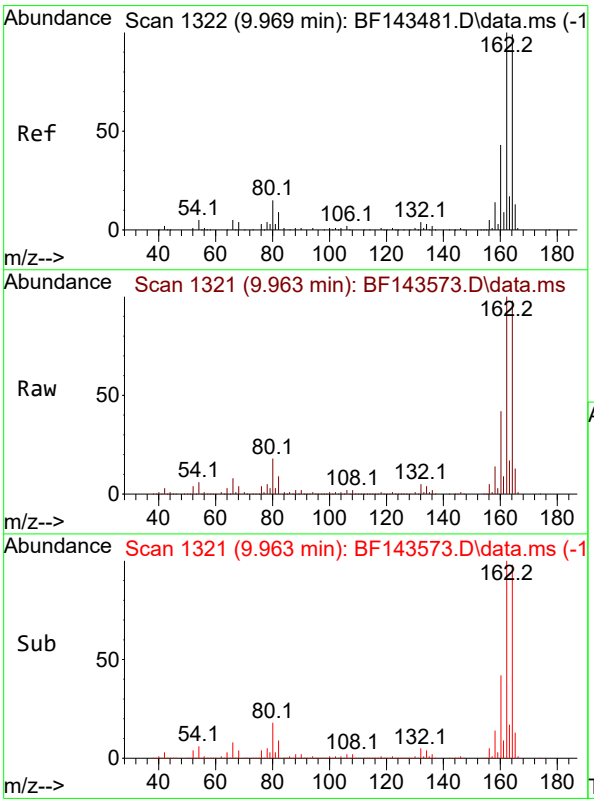
#38
1-Methylnaphthalene
Concen: 5.964 ng
RT: 9.016 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143573.D
Acq: 22 Aug 2025 15:25

Instrument :
BNA_F
ClientSampleId :
MW-18B-081925

Tgt Ion:142 Resp: 84301

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.3	109.9

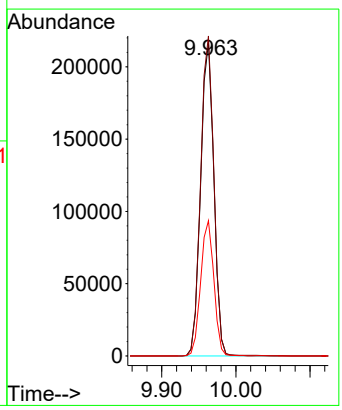


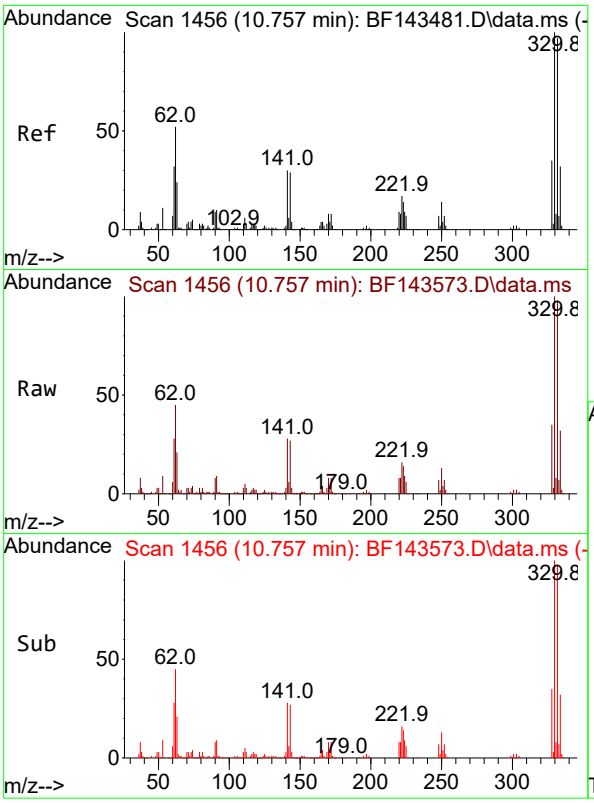


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF143573.D
Acq: 22 Aug 2025 15:25

Tgt Ion:164 Resp: 268378

Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.5	120.7
160	43.2	34.3	51.5



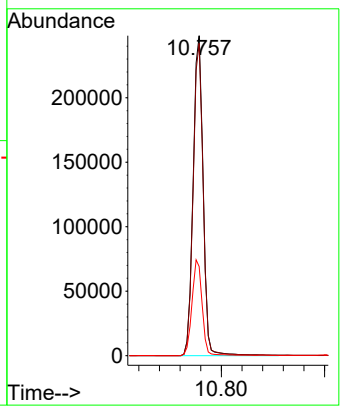


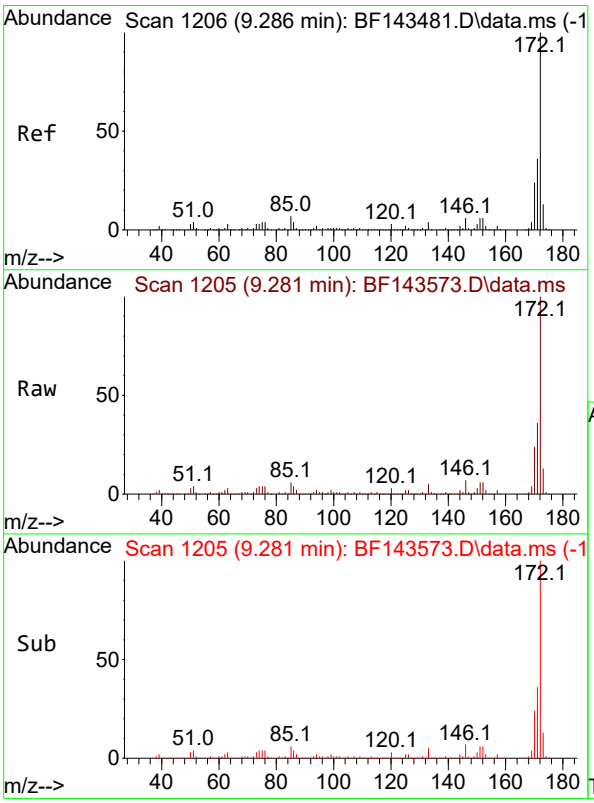
#42
2,4,6-Tribromophenol
Concen: 133.504 ng
RT: 10.757 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143573.D
Acq: 22 Aug 2025 15:25

Instrument :
BNA_F
ClientSampleId :
MW-18B-081925

Tgt Ion:330 Resp: 333521

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.0	117.0
141	30.6	23.7	35.5

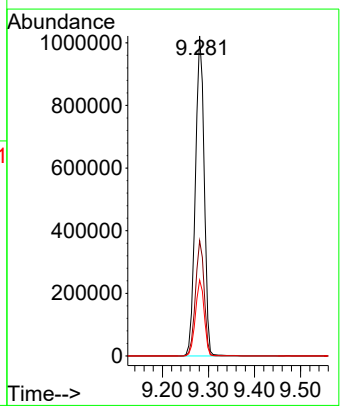


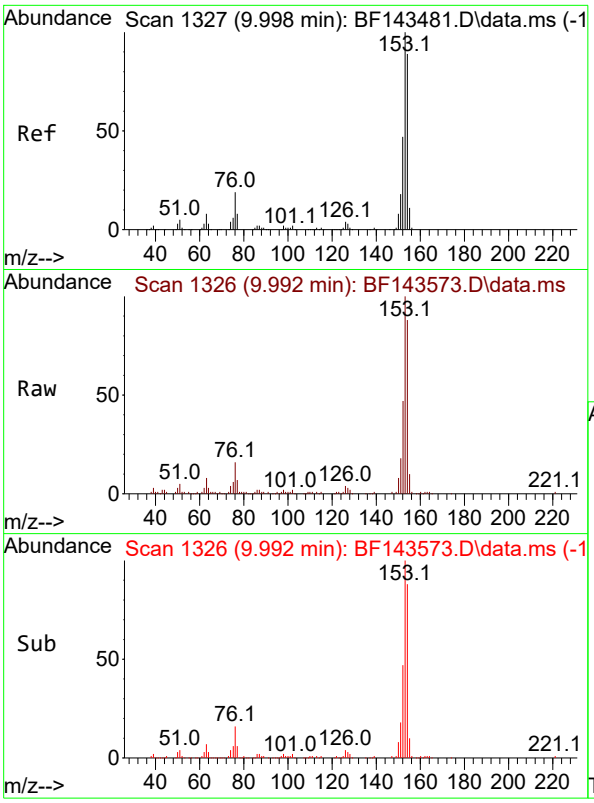


#45
2-Fluorobiphenyl
Concen: 83.568 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143573.D
Acq: 22 Aug 2025 15:25

Tgt Ion:172 Resp: 1357068

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



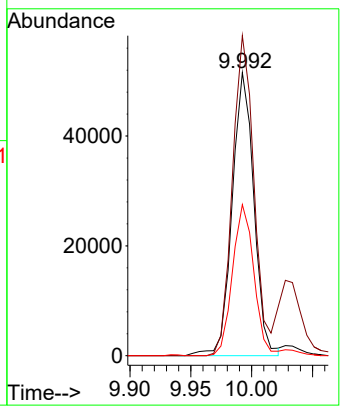


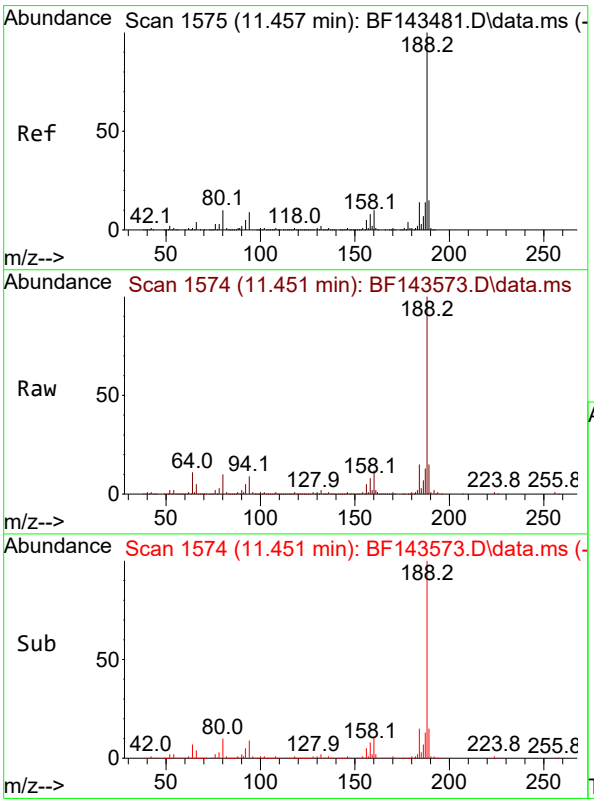
#52
Acenaphthene
Concen: 4.408 ng
RT: 9.992 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143573.D
Acq: 22 Aug 2025 15:25

Instrument :
BNA_F
ClientSampleId :
MW-18B-081925

Tgt Ion:154 Resp: 64053

Ion	Ratio	Lower	Upper
154	100		
153	113.0	89.5	134.3
152	53.3	42.5	63.7

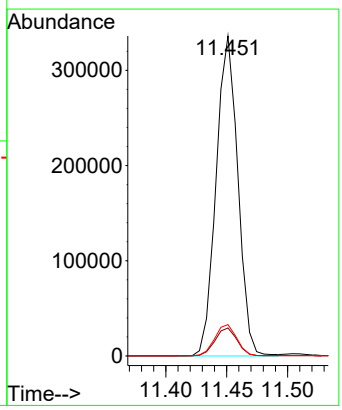


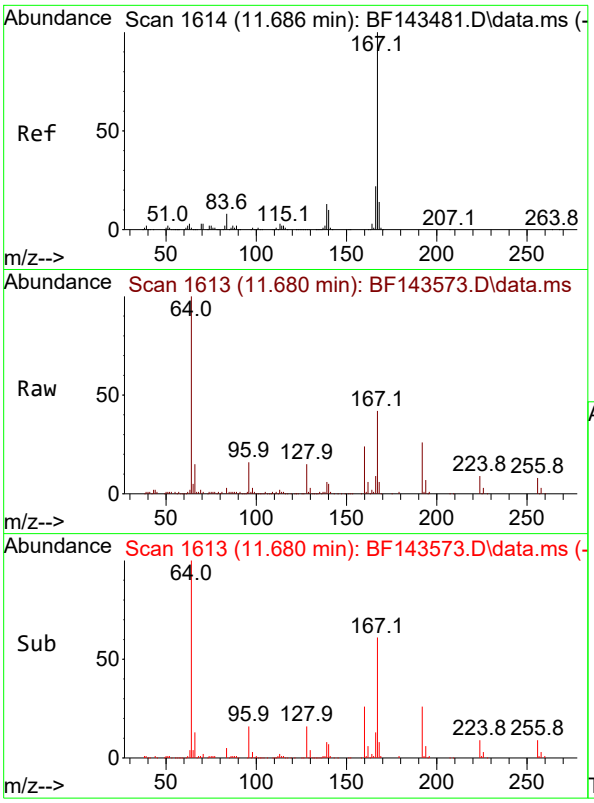


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF143573.D
Acq: 22 Aug 2025 15:25

Tgt Ion:188 Resp: 418179

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.4	11.2
80	9.8	8.2	12.4



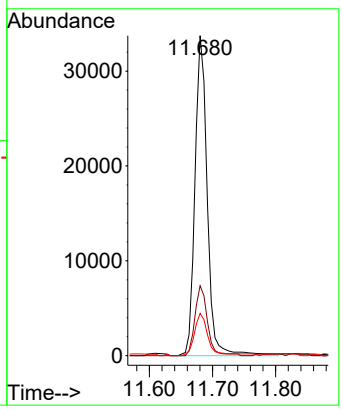


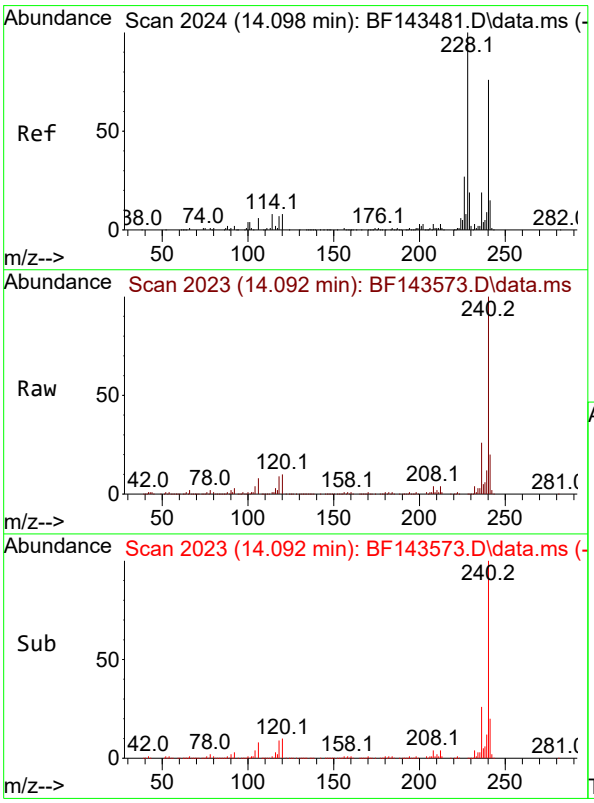
#73
Carbazole
Concen: 2.450 ng
RT: 11.680 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143573.D
Acq: 22 Aug 2025 15:25

Instrument :
BNA_F
ClientSampleId :
MW-18B-081925

Tgt Ion:167 Resp: 45538

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.3	25.9
139	13.2	10.0	15.0

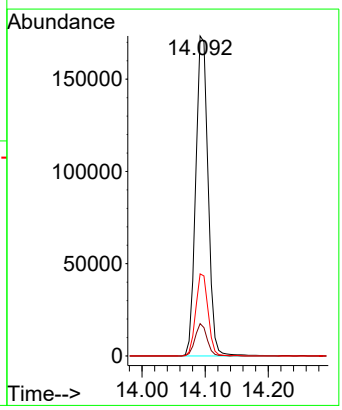


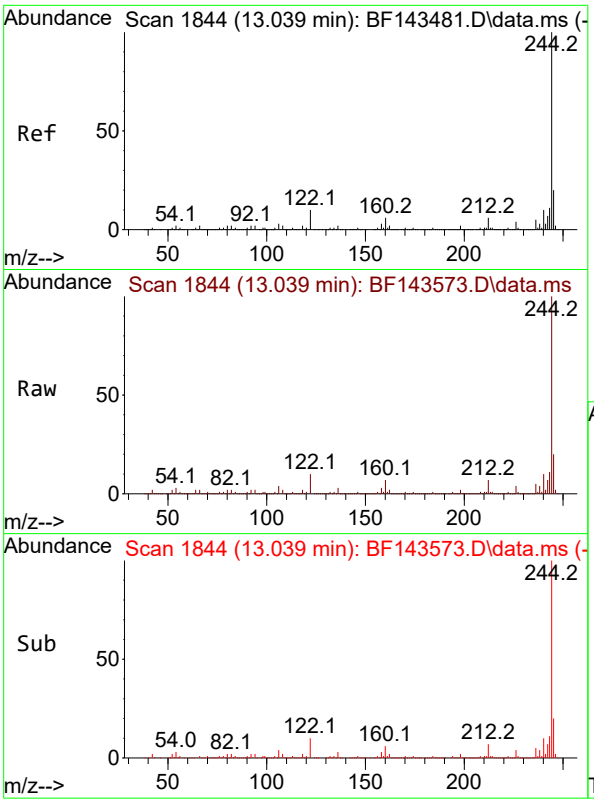


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF143573.D
Acq: 22 Aug 2025 15:25

Tgt Ion:240 Resp: 235322

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.6	12.8
236	25.6	20.4	30.6



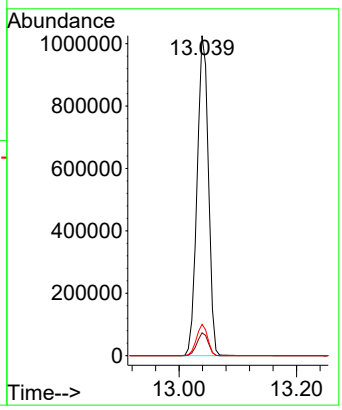


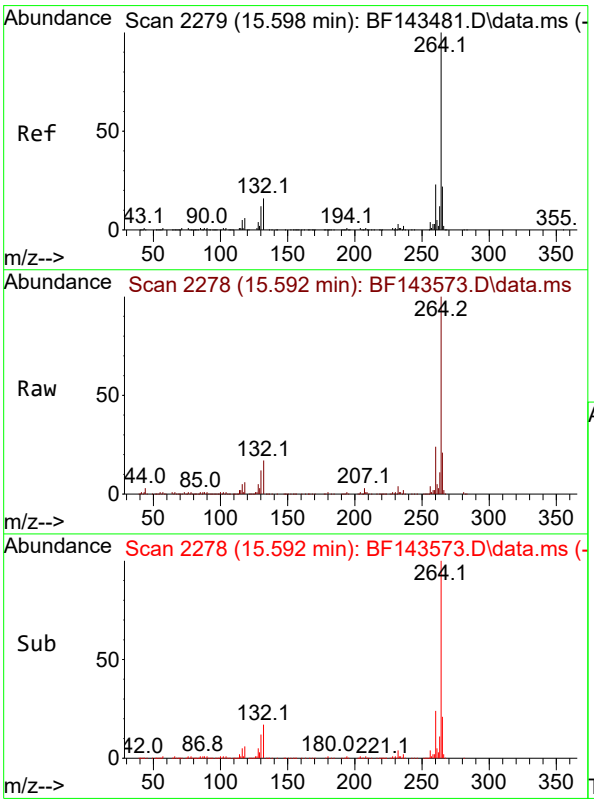
#79
Terphenyl-d14
Concen: 101.291 ng
RT: 13.039 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143573.D
Acq: 22 Aug 2025 15:25

Instrument :
BNA_F
ClientSampleId :
MW-18B-081925

Tgt Ion:244 Resp: 1365932

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.2	7.8
122	9.8	7.9	11.9

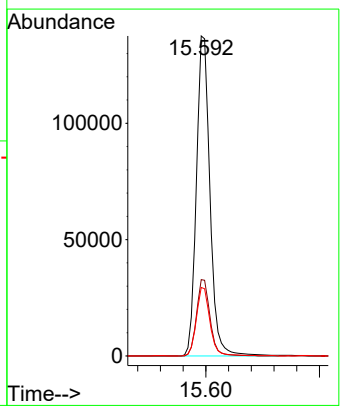




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF143573.D
Acq: 22 Aug 2025 15:25

Tgt Ion:264 Resp: 229304

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.4	17.6	26.4



Sample Results: **BF143573.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143573.D
Acq On : 22 Aug 2025 15:25
Operator : RC/JU
Sample : Q2903-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18B-081925

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: BF143573.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.258	3	11	27	rVB	2103286	3461268	85.74%	12.862%
2	5.157	494	504	513	rBV2	78599	147286	3.65%	0.547%
3	5.563	567	573	594	rBV	1110176	1498035	37.11%	5.567%
4	6.557	737	742	758	rBV	880310	1148863	28.46%	4.269%
5	6.922	799	804	811	rBV	568139	696659	17.26%	2.589%
6	7.104	825	835	840	rBV	59083	75770	1.88%	0.282%
7	7.487	890	900	905	rBV	1592745	2274243	56.33%	8.451%
8	7.945	973	978	982	rBV2	34586	46908	1.16%	0.174%
9	8.228	1015	1026	1031	rBV2	1349786	2626343	65.06%	9.760%
10	9.016	1155	1160	1165	rVB	237877	298796	7.40%	1.110%
11	9.281	1196	1205	1210	rBV	3062089	4037034	100.00%	15.002%
12	9.963	1315	1321	1324	rBV	913729	1163069	28.81%	4.322%
13	9.992	1324	1326	1330	rVB	203602	213222	5.28%	0.792%
14	10.169	1351	1356	1364	rBV	41194	64413	1.60%	0.239%
15	10.510	1409	1414	1417	rBV	56802	73564	1.82%	0.273%
16	10.545	1417	1420	1427	rVV	50378	70517	1.75%	0.262%
17	10.675	1437	1442	1448	rVB	130393	171649	4.25%	0.638%
18	10.751	1449	1455	1465	rBV	1787916	2511796	62.22%	9.334%
19	11.451	1569	1574	1580	rBV	835643	1079301	26.73%	4.011%
20	11.680	1610	1613	1617	rBV	85271	139151	3.45%	0.517%
21	12.851	1809	1812	1818	rVB	57806	77020	1.91%	0.286%
22	13.039	1838	1844	1849	rBV	2788495	3686143	91.31%	13.698%
23	13.939	1991	1997	2011	rBV2	29183	83529	2.07%	0.310%
24	14.092	2015	2023	2031	rBV	471132	648694	16.07%	2.411%
25	15.592	2272	2278	2290	rBV	373887	616535	15.27%	2.291%

Sum of corrected areas: 26909808

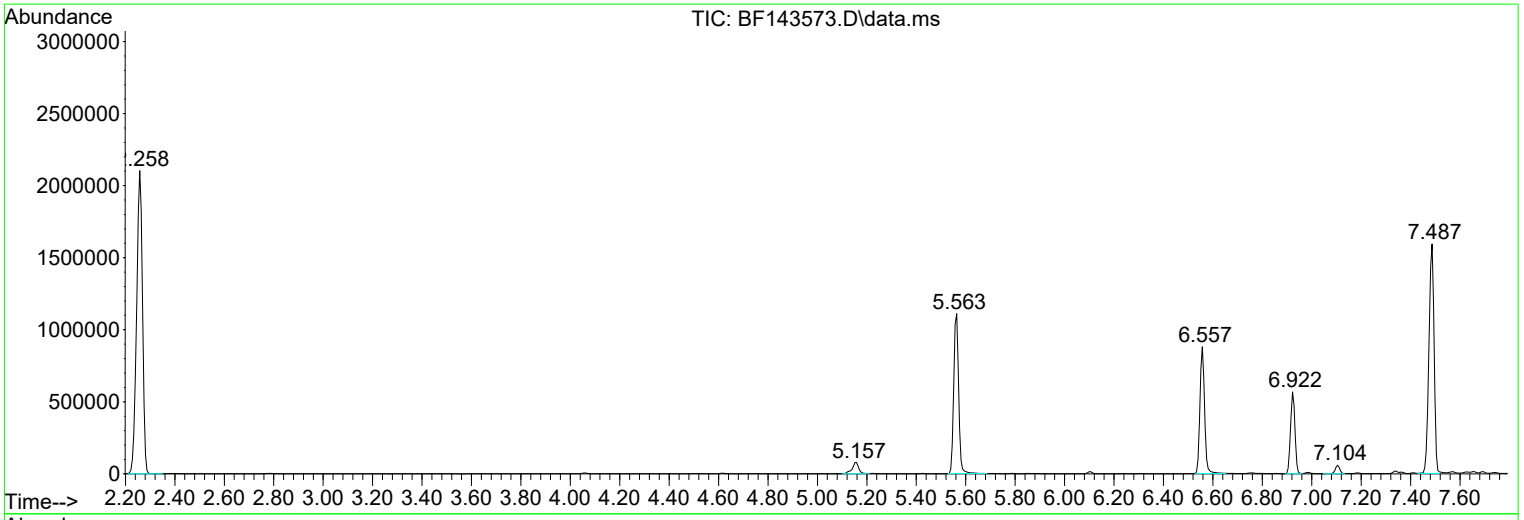
Sample Results: **BF143573.D**

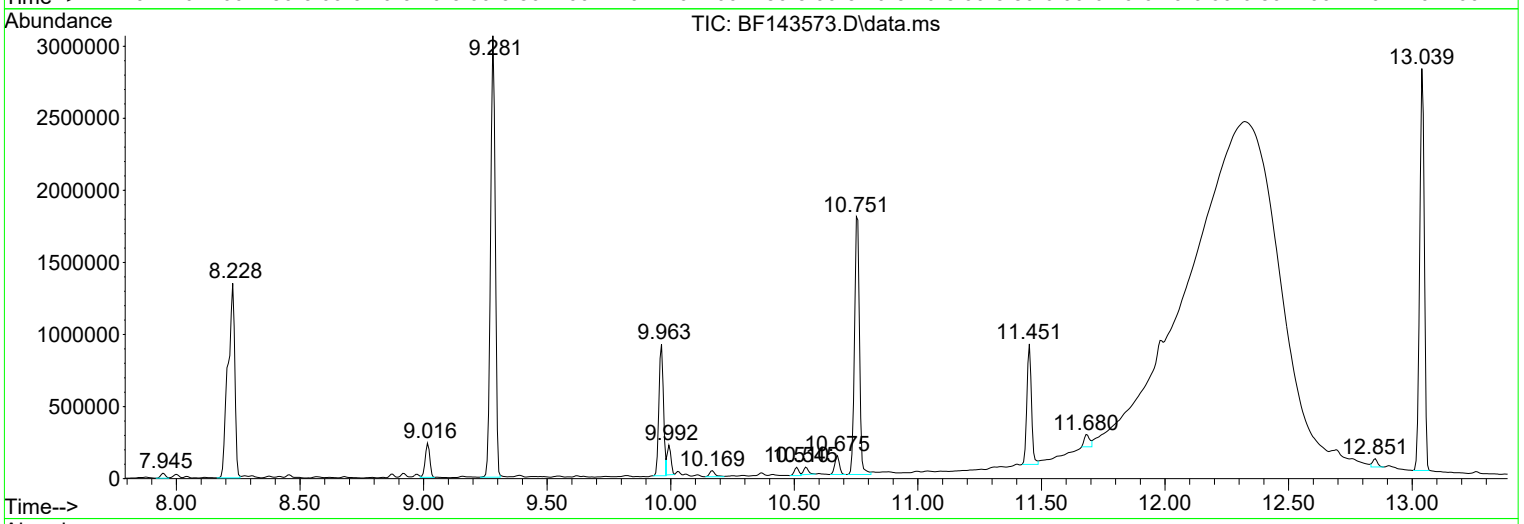
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143573.D
Acq On : 22 Aug 2025 15:25
Operator : RC/JU
Sample : Q2903-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

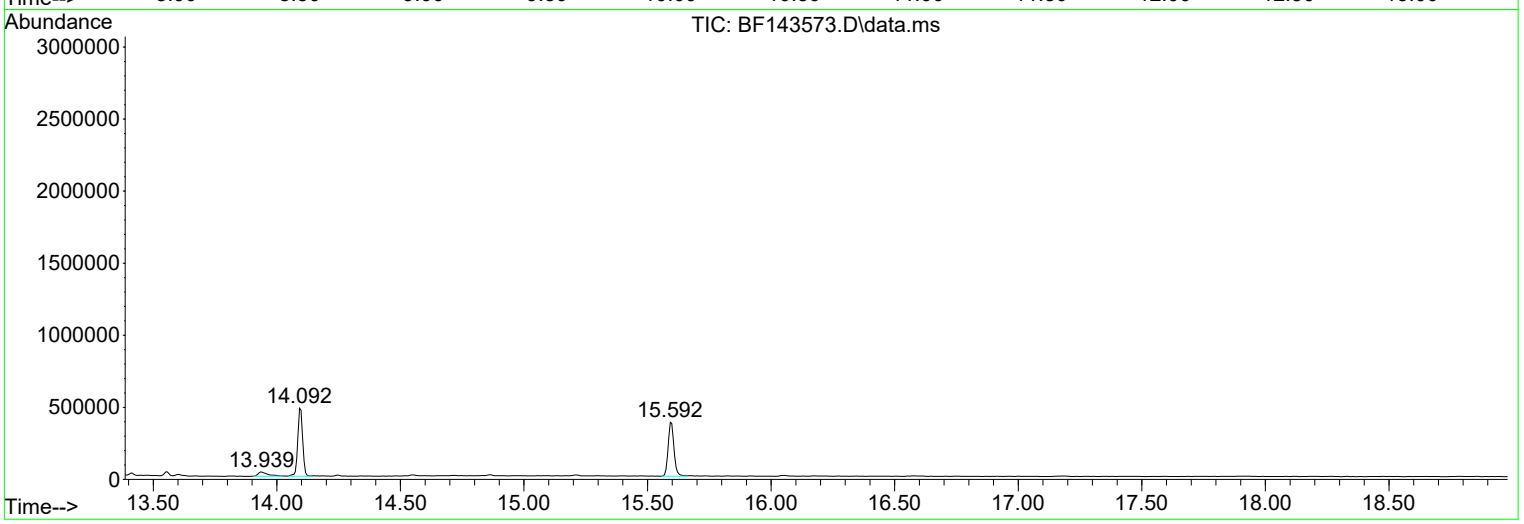
Instrument :
BNA_F
ClientSampleId :
MW-18B-081925

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 : BF143573.D
Acq On : 22 Aug 2025 15:25
Operator : RC/JU
Sample : Q2903-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18B-081925

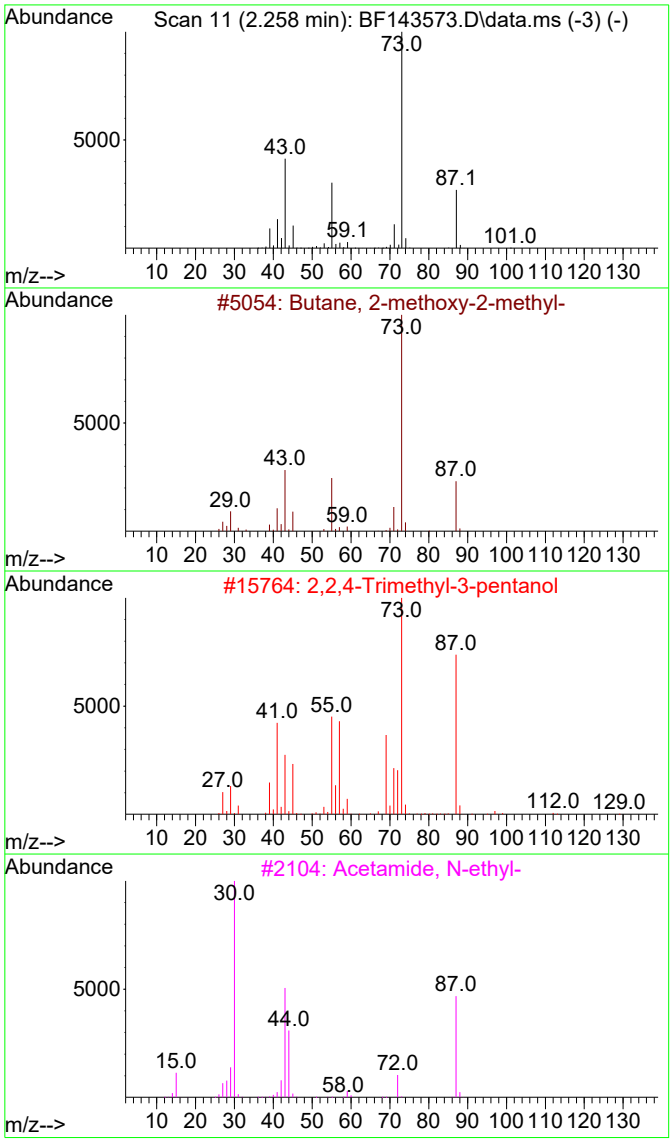
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

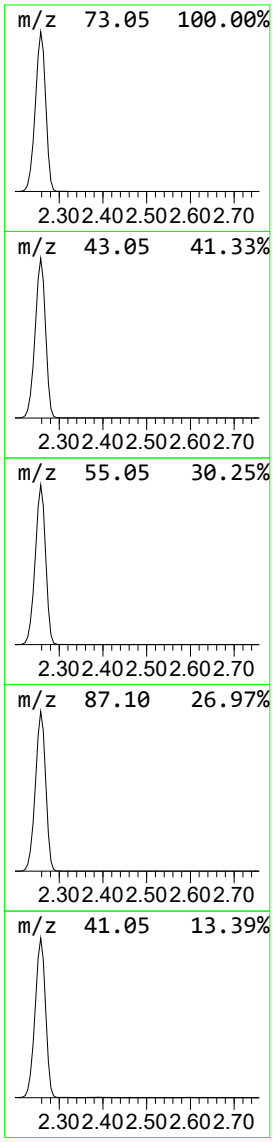
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.258	99.37 ng	3461270	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	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143573.D
Acq On : 22 Aug 2025 15:25
Operator : RC/JU
Sample : Q2903-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18B-081925

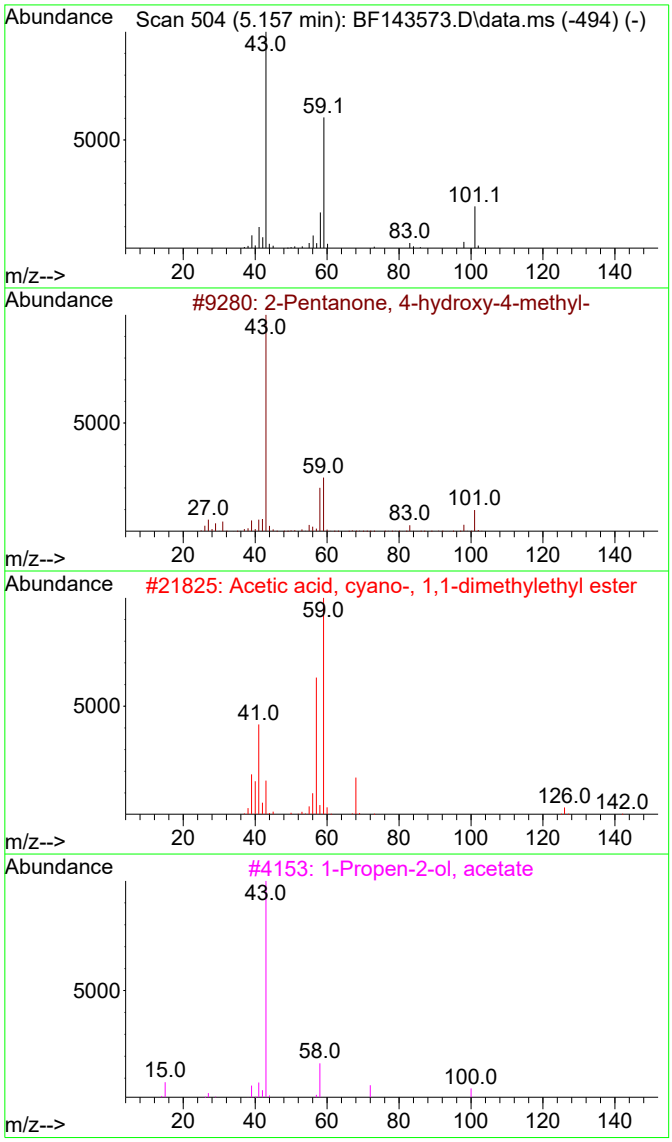
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

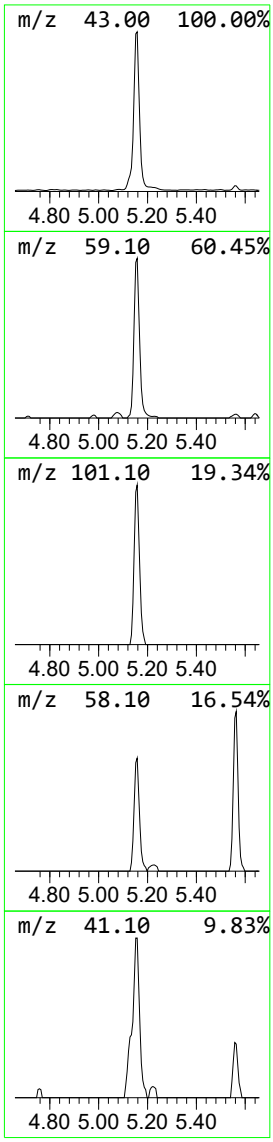
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.157	4.23 ng	147286	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	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Acetone	58	C3H6O	000067-64-1	10
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Sample Results: **BF143573.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143573.D
Acq On : 22 Aug 2025 15:25
Operator : RC/JU
Sample : Q2903-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18B-081925

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

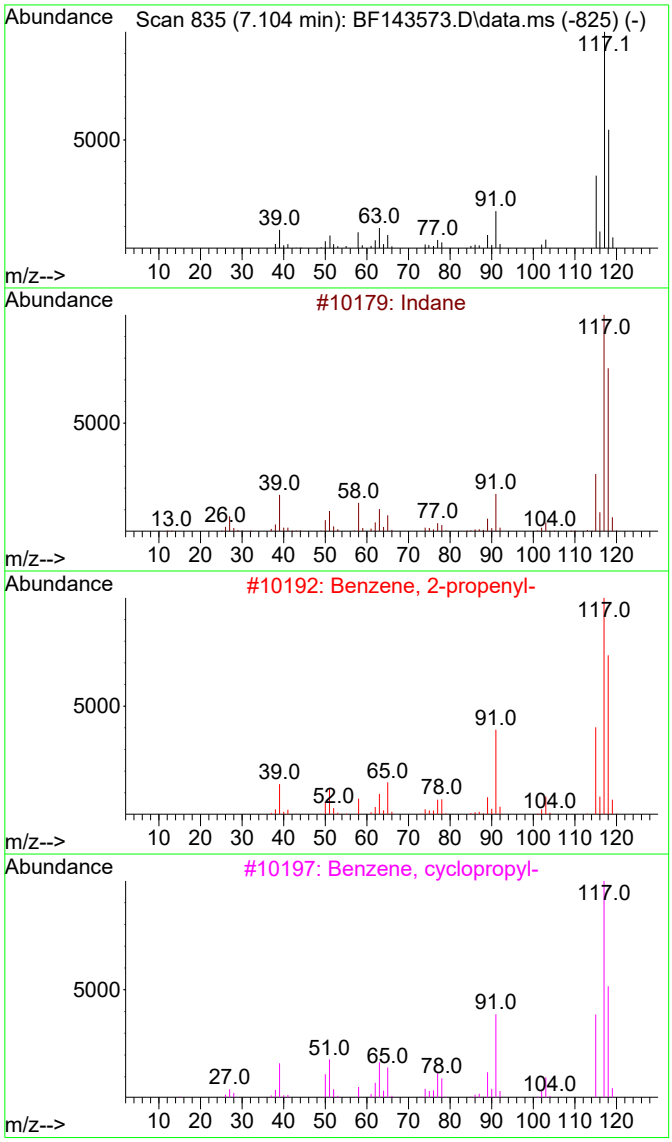
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

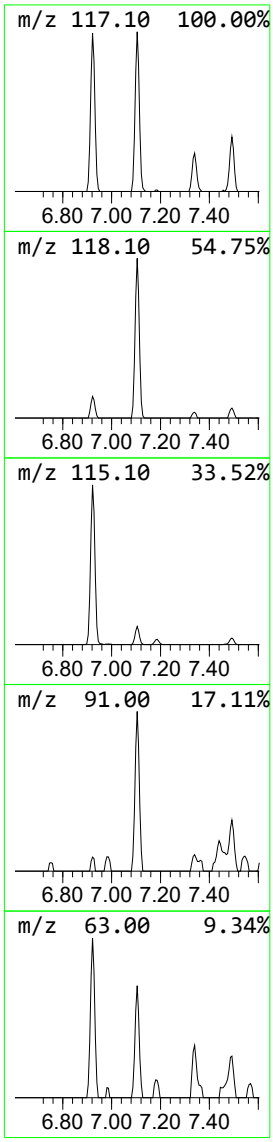
****

Peak Number 3 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.104	2.18 ng	75770	1,4-Dichlorobenzene-d4	6.922

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, cyclopropyl-	118	C9H10	000873-49-4	72
4	Deltacyclene	118	C9H10	007785-10-6	68
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60





Sample Results: **BF143573.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143573.D
Acq On : 22 Aug 2025 15:25
Operator : RC/JU
Sample : Q2903-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18B-081925

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

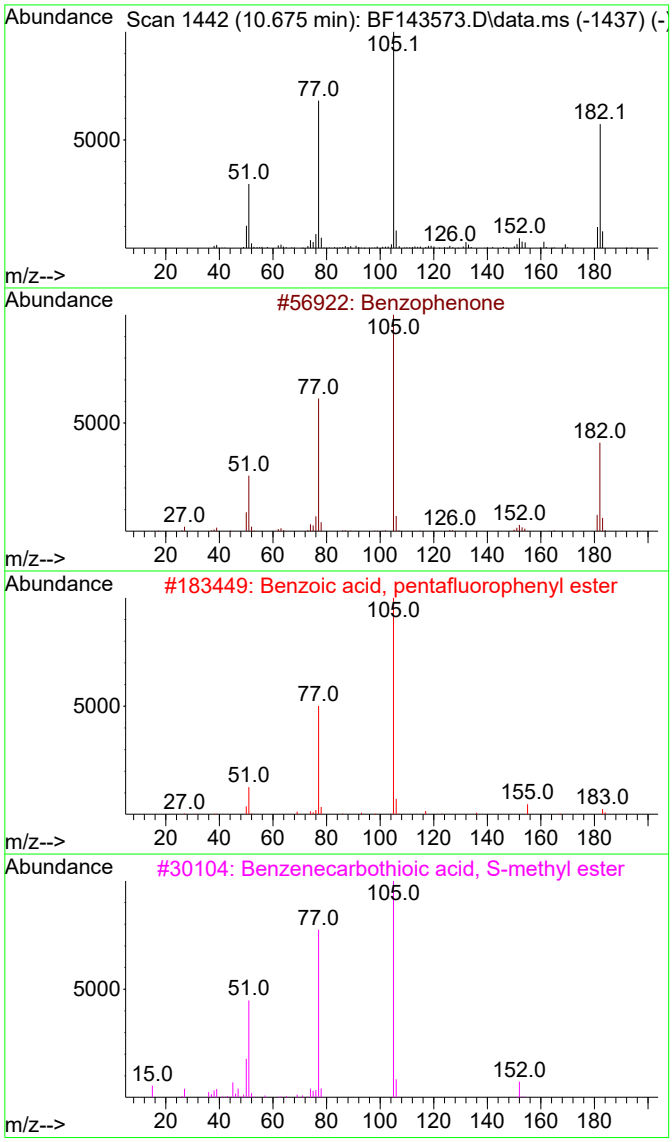
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TIC Integration Parameters: LSCINT.P

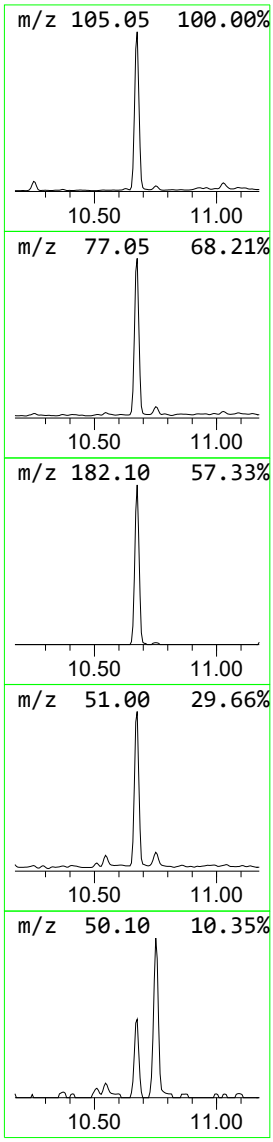
****

Peak Number 4 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.675	2.95 ng	171649	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzoic acid, pentafluorophenyl ...	288	C13H5F5O2	1000360-67-9	50
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	50
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
5	Benzoylformic acid	150	C8H6O3	000611-73-4	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143573.D
Acq On : 22 Aug 2025 15:25
Operator : RC/JU
Sample : Q2903-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18B-081925

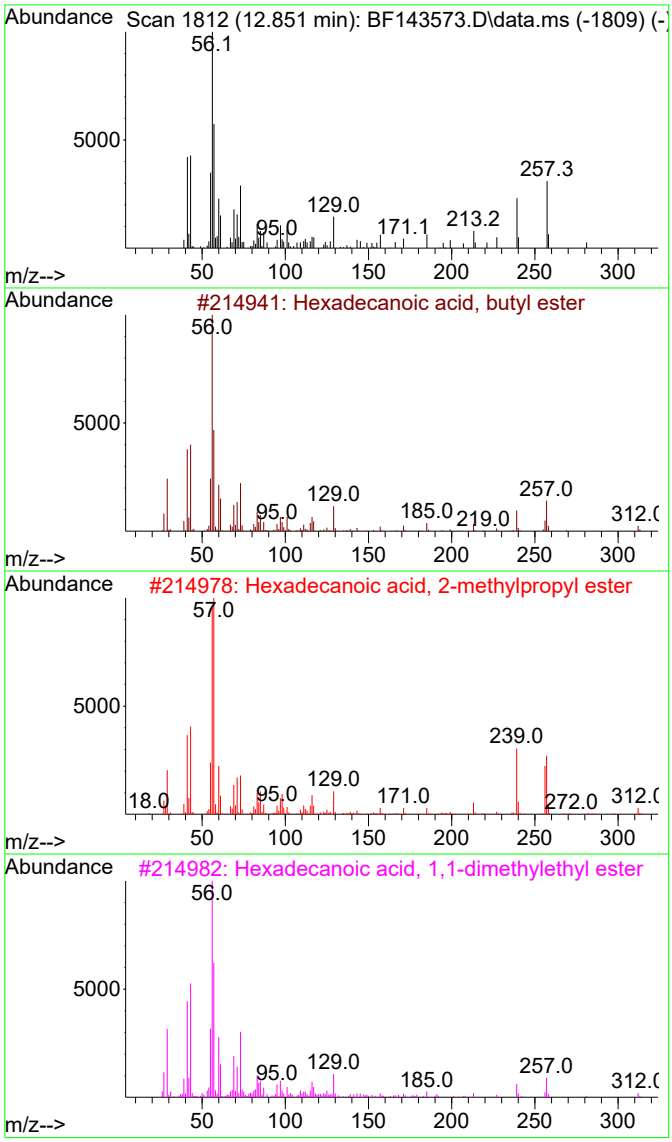
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

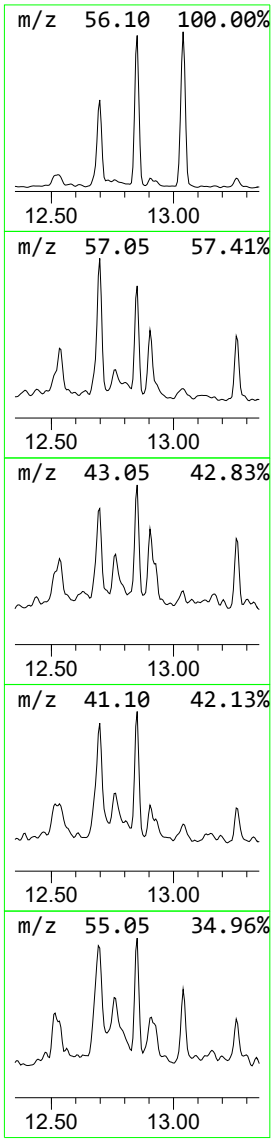
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.851	2.37 ng	77020	Chrysene-d12	14.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	83
2	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	78
3	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	47
4	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	32
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143573.D
Acq On : 22 Aug 2025 15:25
Operator : RC/JU
Sample : Q2903-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18B-081925

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

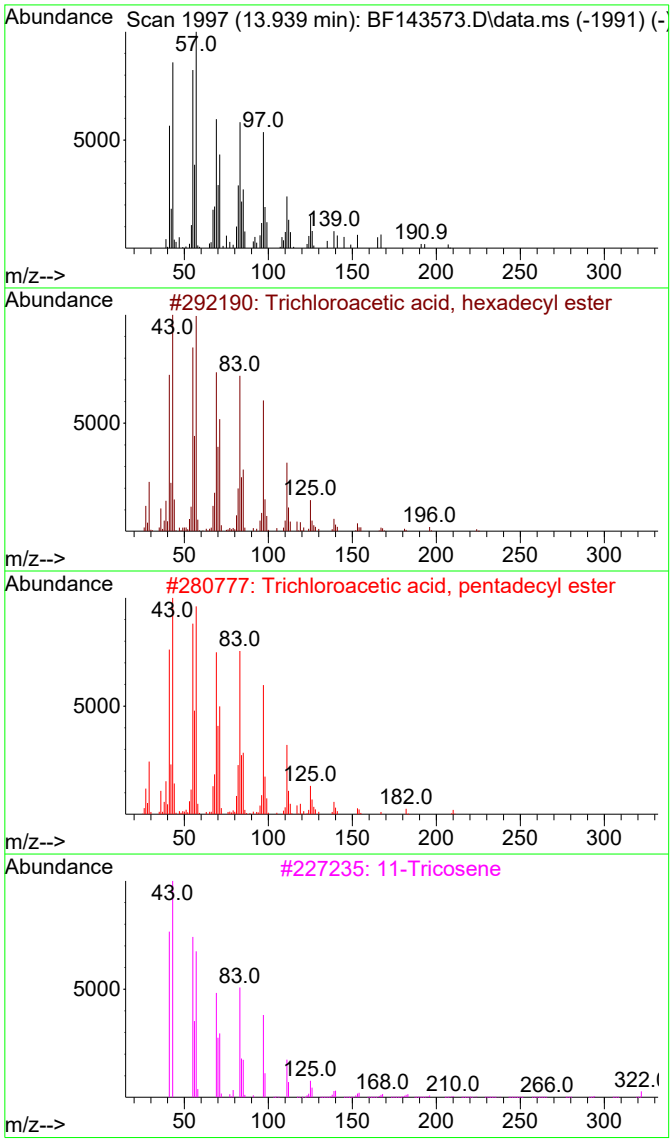
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

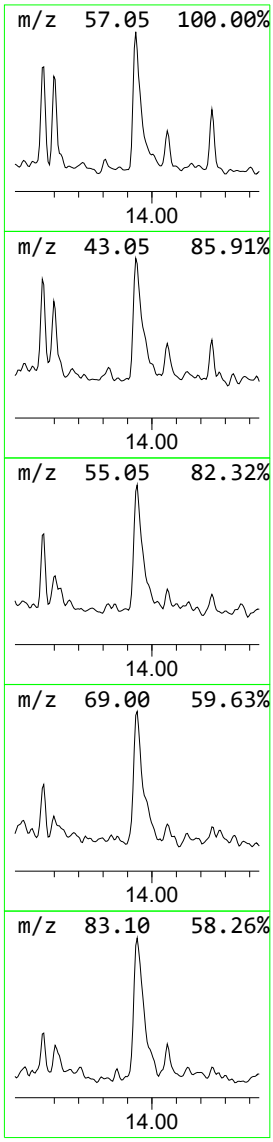
****

Peak Number 6 Trichloroacetic acid, hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.939	2.58 ng	83529	Chrysene-d12	14.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3	11-Tricosene	322	C23H46	052078-56-5	91
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	90
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	90





Sample Results: **BF143573.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143573.D
Acq On : 22 Aug 2025 15:25
Operator : RC/JU
Sample : Q2903-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18B-081925

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...	2.258	99.4	ng	3461270	1	6.922	696659	20.0
2-Pentanone, 4-...	5.157	4.2	ng	147286	1	6.922	696659	20.0
Indane	7.104	2.2	ng	75770	1	6.922	696659	20.0
Benzophenone	10.675	3.0	ng	171649	3	9.963	1163070	20.0
Hexadecanoic ac...	12.851	2.4	ng	77020	5	14.092	648694	20.0
Trichloroacetic...	13.939	2.6	ng	83529	5	14.092	648694	20.0

Raw Data: **BF143574.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	DUP-02-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-09	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
BF143574.D	1	08/21/25 08:50	08/22/25 15:54	PB169330

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	31.7		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: **BF143574.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	DUP-02-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-09	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
BF143574.D	1	08/21/25 08:50	08/22/25 15:54	PB169330

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	3.80	J	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	2.20	J	0.75	5.20	ug/L
84-74-2	Di-n-butylphthalate	5.20	UQ	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	UQ	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: **BF143574.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	DUP-02-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-09	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
BF143574.D	1	08/21/25 08:50	08/22/25 15:54	PB169330

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	69.6		23 - 138	46%	SPK: 150
13127-88-3	Phenol-d6	55.3		10 - 134	37%	SPK: 150
4165-60-0	Nitrobenzene-d5	96.4		67 - 132	96%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.1		52 - 132	83%	SPK: 100
118-79-6	2,4,6-Tribromophenol	136		44 - 137	90%	SPK: 150
1718-51-0	Terphenyl-d14	106		42 - 152	106%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	104000	6.922			
1146-65-2	Naphthalene-d8	414000	8.204			
15067-26-2	Acenaphthene-d10	248000	9.963			
1517-22-2	Phenanthrene-d10	387000	11.451			
1719-03-5	Chrysene-d12	209000	14.092			
1520-96-3	Perylene-d12	199000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J		2.26	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.80	AB		5.16	ug/L
90-12-0	1-Methylnaphthalene	5.10	J		9.02	ug/L
000119-61-9	Benzophenone	2.70	J		10.7	ug/L
031158-91-5	Hexadecanoic acid, 1,1-dimethyleth	2.80	J		12.9	ug/L

Raw Data: **BF143574.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	DUP-02-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-09	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
BF143574.D	1	08/21/25 08:50	08/22/25 15:54	PB169330

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: **BF143574.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143574.D
Acq On : 22 Aug 2025 15:54
Operator : RC/JU
Sample : Q2903-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-02-081925

Quant Time: Aug 22 16:46:09 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

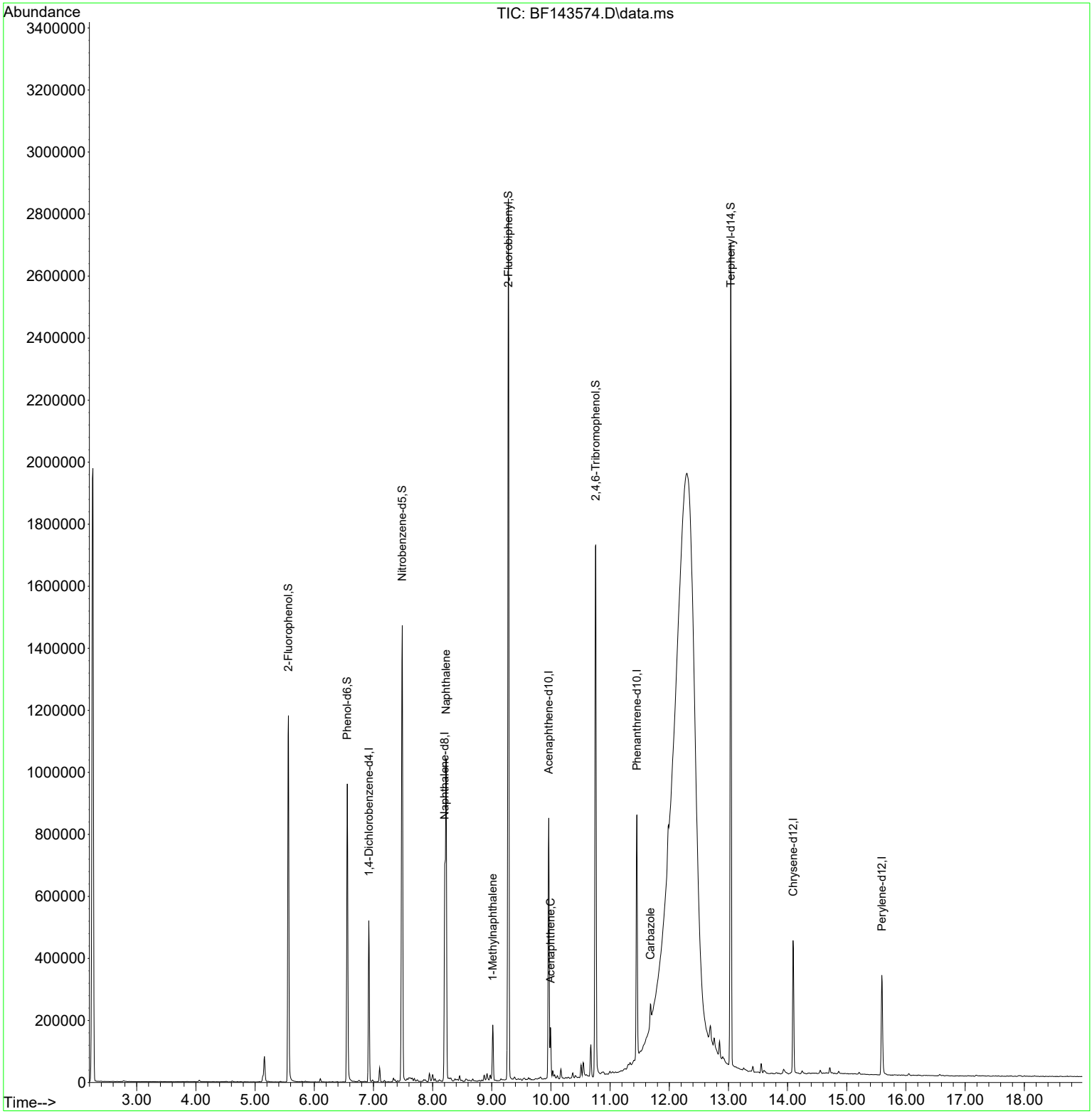
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	103766	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	414035	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	247803	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	387247	20.000	ng	0.00
76) Chrysene-d12	14.092	240	209004	20.000	ng	-0.01
86) Perylene-d12	15.592	264	198825	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	413666	69.611	ng	0.00
7) Phenol-d6	6.557	99	405801	55.318	ng	-0.02
23) Nitrobenzene-d5	7.487	82	683773	96.372	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	312596	135.518	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1246727	83.148	ng	0.00
79) Terphenyl-d14	13.039	244	1263786	105.517	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.228	128	604609	30.416	ng	99
38) 1-Methylnaphthalene	9.016	142	62633	4.932	ng	98
52) Acenaphthene	9.992	154	49364	3.679	ng	97
73) Carbazole	11.680	167	36327	2.110	ng	97

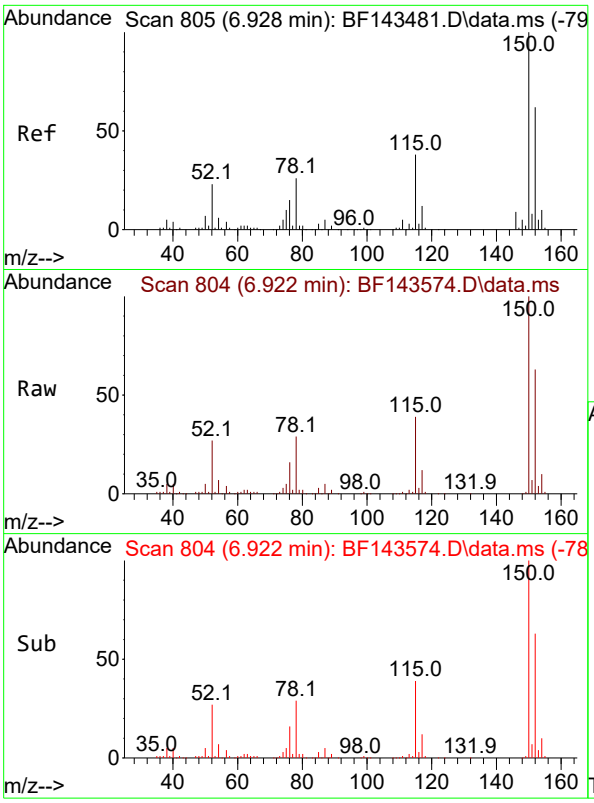
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143574.D
Acq On : 22 Aug 2025 15:54
Operator : RC/JU
Sample : Q2903-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-02-081925

Quant Time: Aug 22 16:46:09 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



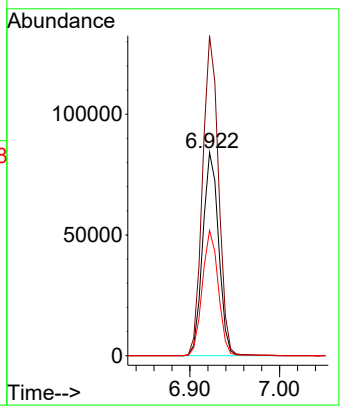


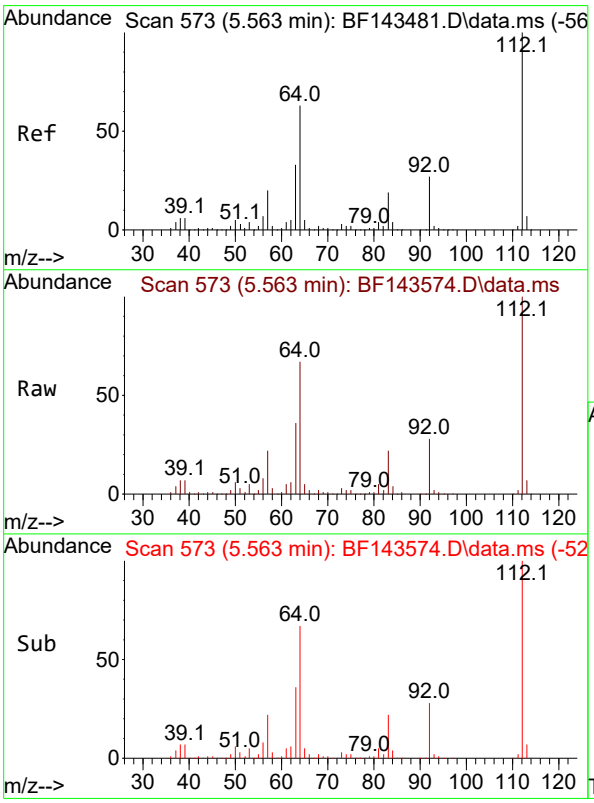
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143574.D
Acq: 22 Aug 2025 15:54

Instrument :
BNA_F
ClientSampleId :
DUP-02-081925

Tgt Ion:152 Resp: 103766

Ion	Ratio	Lower	Upper
152	100		
150	157.5	128.9	193.3
115	61.7	49.2	73.8

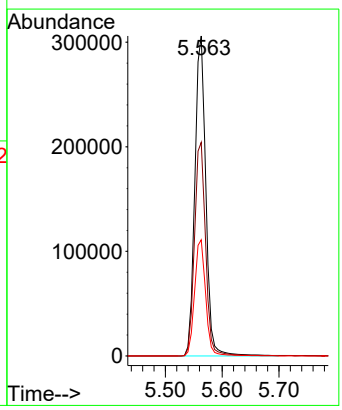


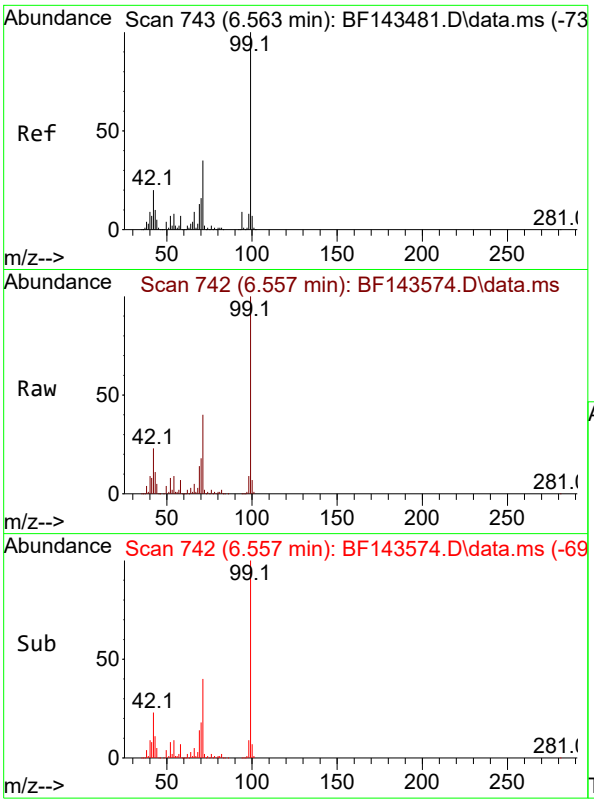


#5
2-Fluorophenol
Concen: 69.611 ng
RT: 5.563 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF143574.D
Acq: 22 Aug 2025 15:54

Tgt Ion:112 Resp: 413666

Ion	Ratio	Lower	Upper
112	100		
64	66.8	50.4	75.6
63	36.3	26.4	39.6



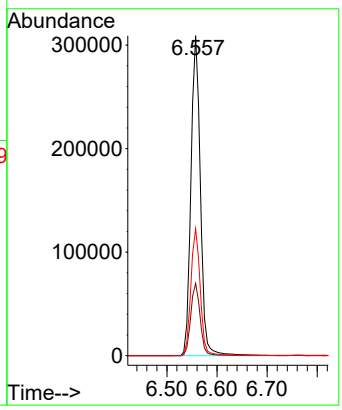


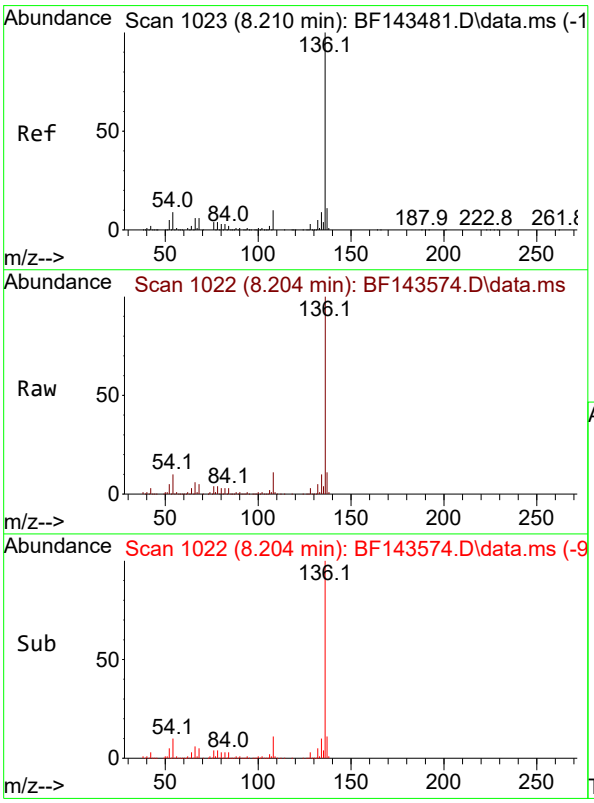
#7
Phenol-d6
Concen: 55.318 ng
RT: 6.557 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143574.D
Acq: 22 Aug 2025 15:54

Instrument :
BNA_F
ClientSampleId :
DUP-02-081925

Tgt Ion: 99 Resp: 405801

Ion	Ratio	Lower	Upper
99	100		
42	22.6	16.3	24.5
71	39.7	28.2	42.2

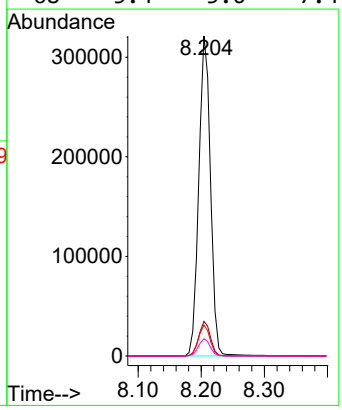


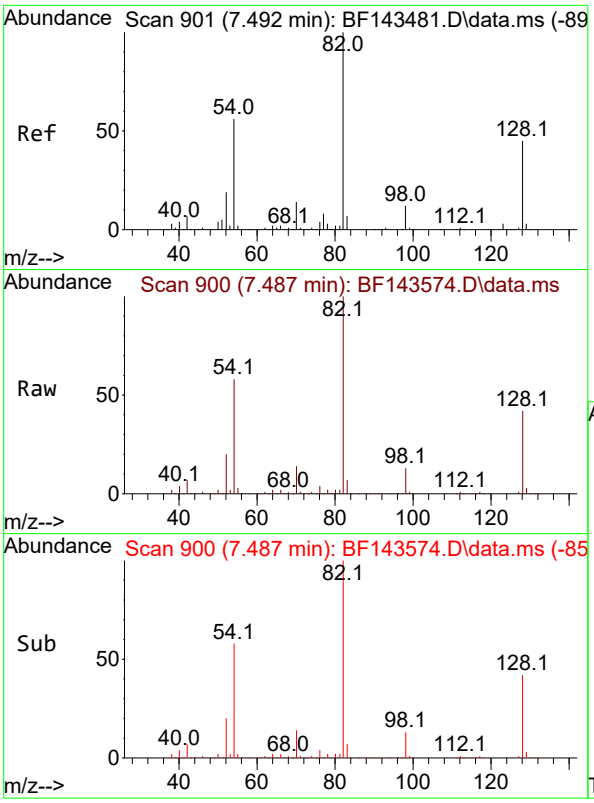


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143574.D
Acq: 22 Aug 2025 15:54

Tgt Ion:136 Resp: 414035

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	9.7	7.4	11.2
68	5.4	5.0	7.4



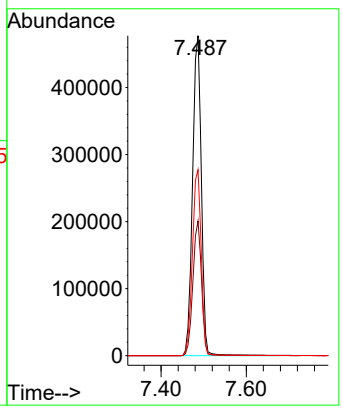


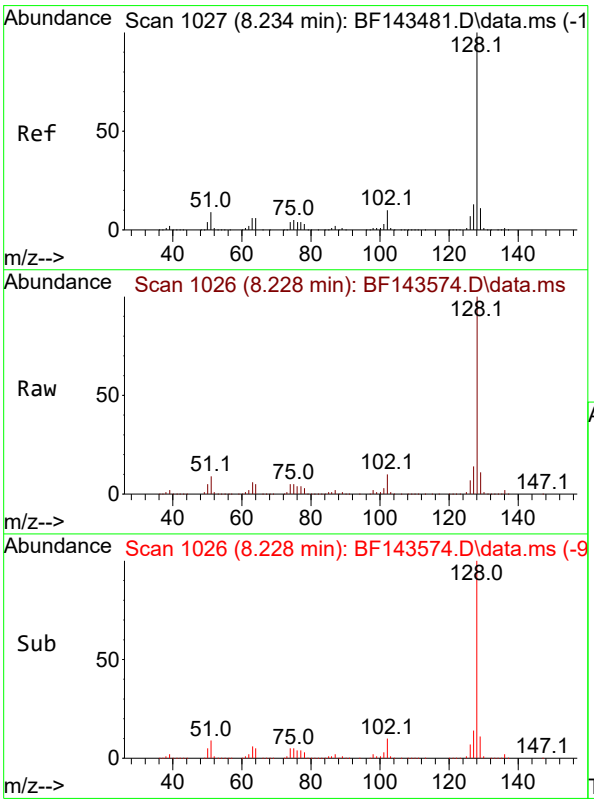
#23
Nitrobenzene-d5
Concen: 96.372 ng
RT: 7.487 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143574.D
Acq: 22 Aug 2025 15:54

Instrument :
BNA_F
ClientSampleId :
DUP-02-081925

Tgt Ion: 82 Resp: 683773

Ion	Ratio	Lower	Upper
82	100		
128	42.1	35.5	53.3
54	58.1	44.3	66.5

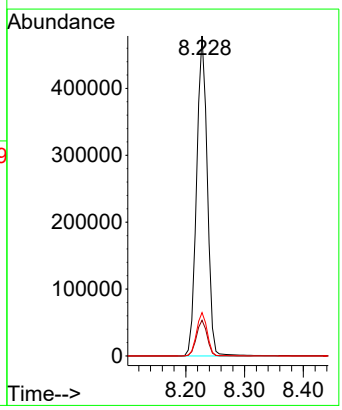


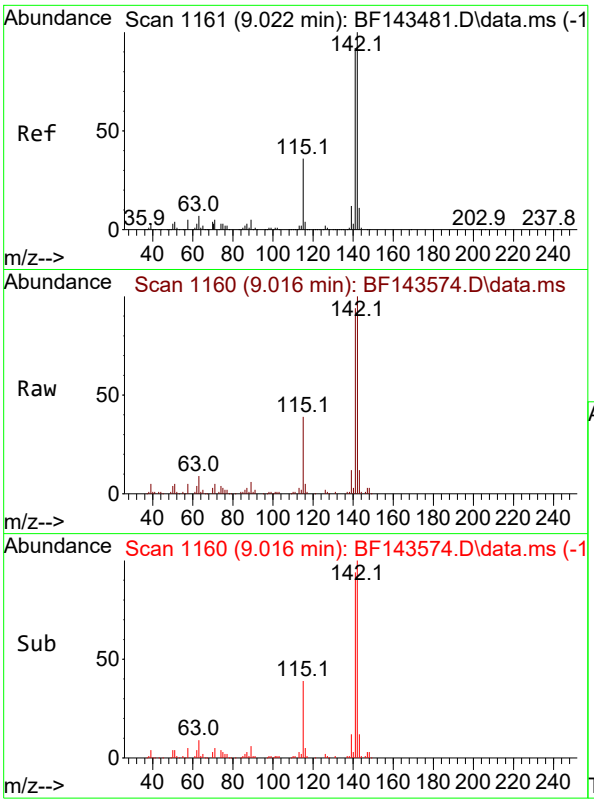


#31
Naphthalene
Concen: 30.416 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF143574.D
Acq: 22 Aug 2025 15:54

Tgt Ion:128 Resp: 604609

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.6	10.6	16.0



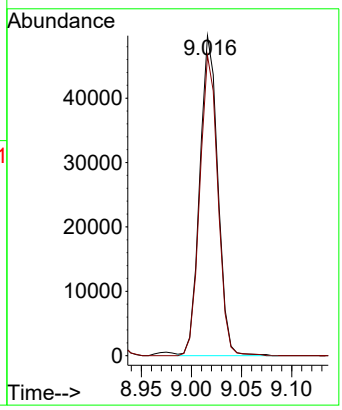


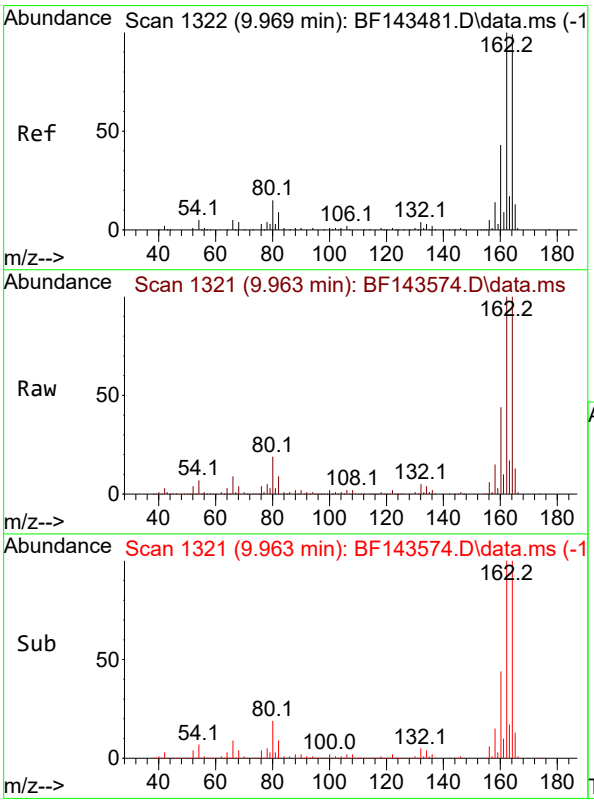
#38
1-Methylnaphthalene
Concen: 4.932 ng
RT: 9.016 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143574.D
Acq: 22 Aug 2025 15:54

Instrument :
BNA_F
ClientSampleId :
DUP-02-081925

Tgt Ion:142 Resp: 62633

Ion	Ratio	Lower	Upper
142	100		
141	93.8	73.3	109.9

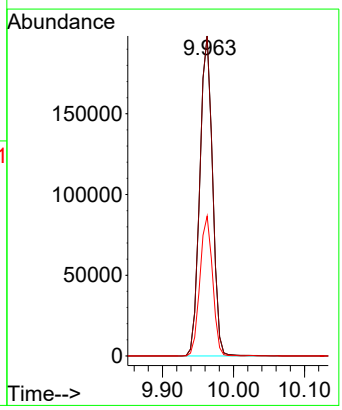


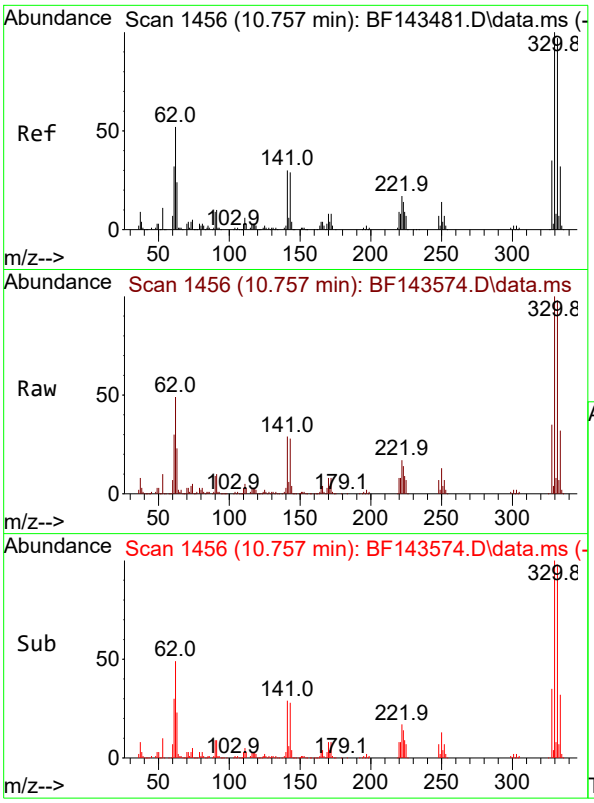


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF143574.D
Acq: 22 Aug 2025 15:54

Tgt Ion:164 Resp: 247803

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.5	120.7
160	43.7	34.3	51.5



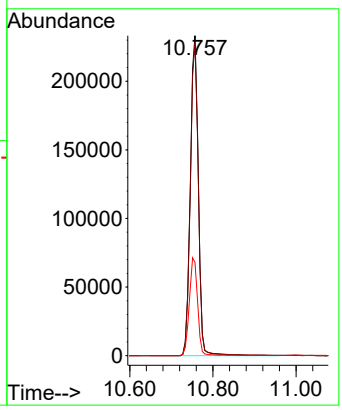


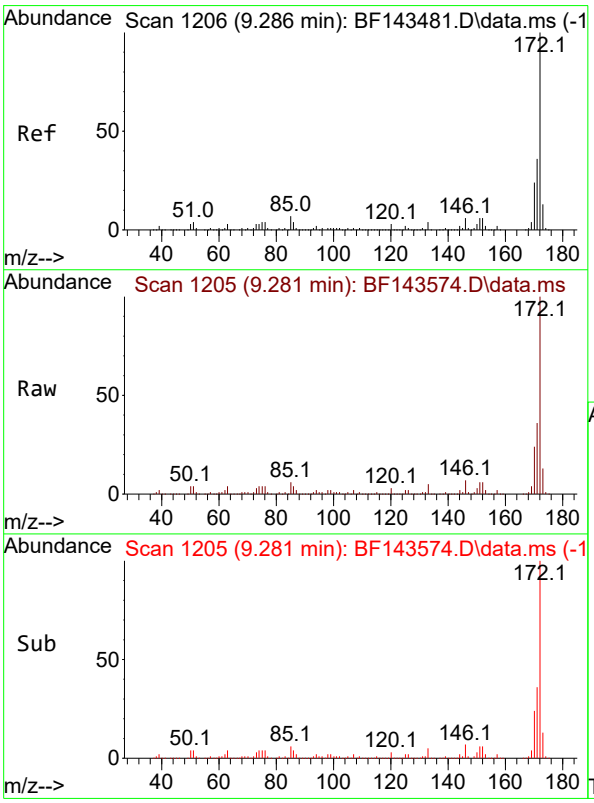
#42
2,4,6-Tribromophenol
Concen: 135.518 ng
RT: 10.757 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143574.D
Acq: 22 Aug 2025 15:54

Instrument :
BNA_F
ClientSampleId :
DUP-02-081925

Tgt Ion:330 Resp: 312596

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.0	117.0
141	31.4	23.7	35.5

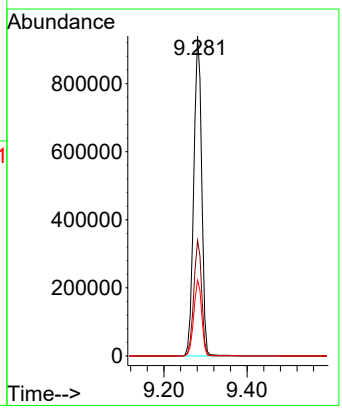


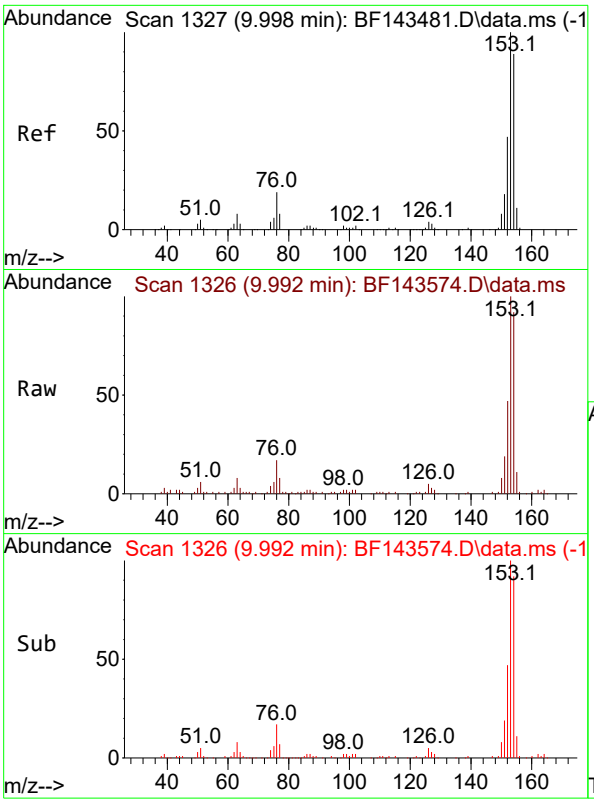


#45
2-Fluorobiphenyl
Concen: 83.148 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143574.D
Acq: 22 Aug 2025 15:54

Tgt Ion:172 Resp: 1246727

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



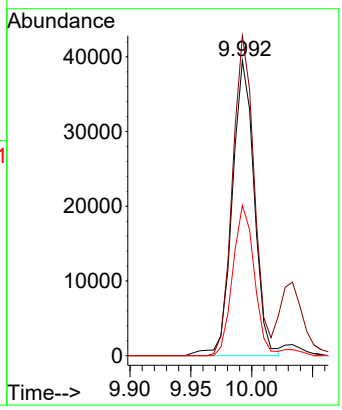


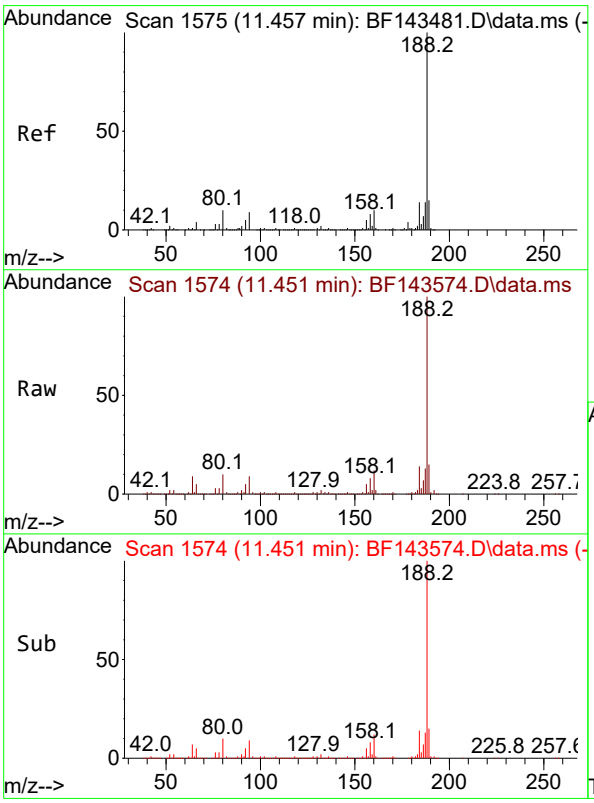
#52
Acenaphthene
Concen: 3.679 ng
RT: 9.992 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143574.D
Acq: 22 Aug 2025 15:54

Instrument :
BNA_F
ClientSampleId :
DUP-02-081925

Tgt Ion:154 Resp: 49364

Ion	Ratio	Lower	Upper
154	100		
153	108.4	89.5	134.3
152	51.0	42.5	63.7

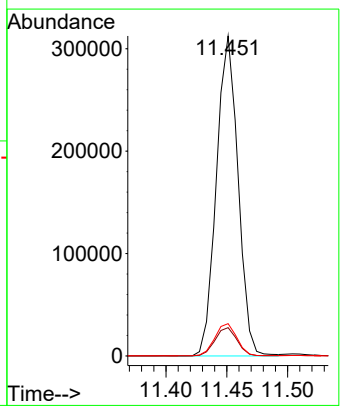


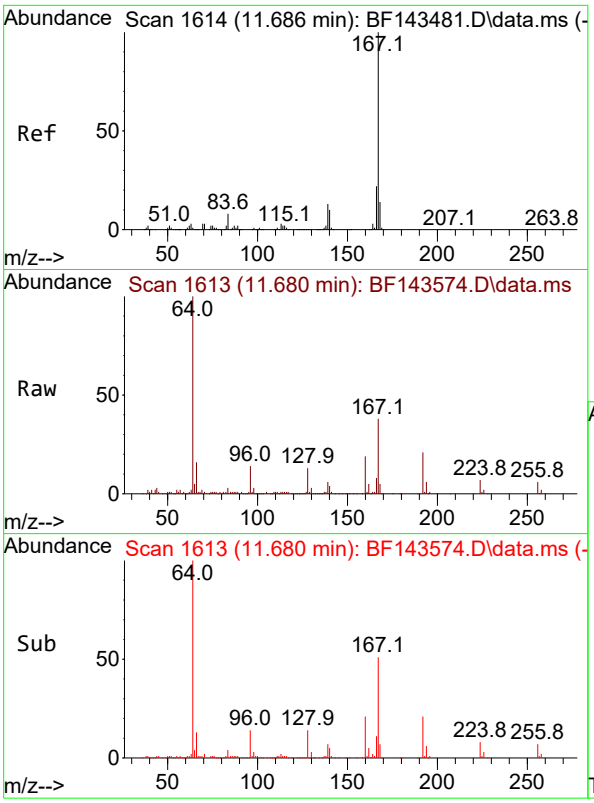


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF143574.D
Acq: 22 Aug 2025 15:54

Tgt Ion:188 Resp: 387247

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.4	11.2
80	10.1	8.2	12.4



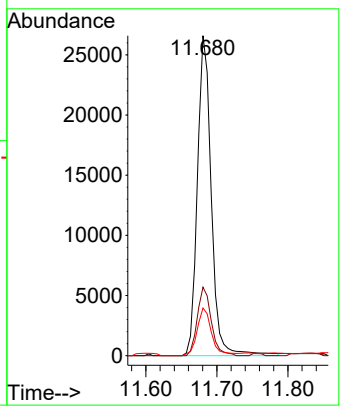


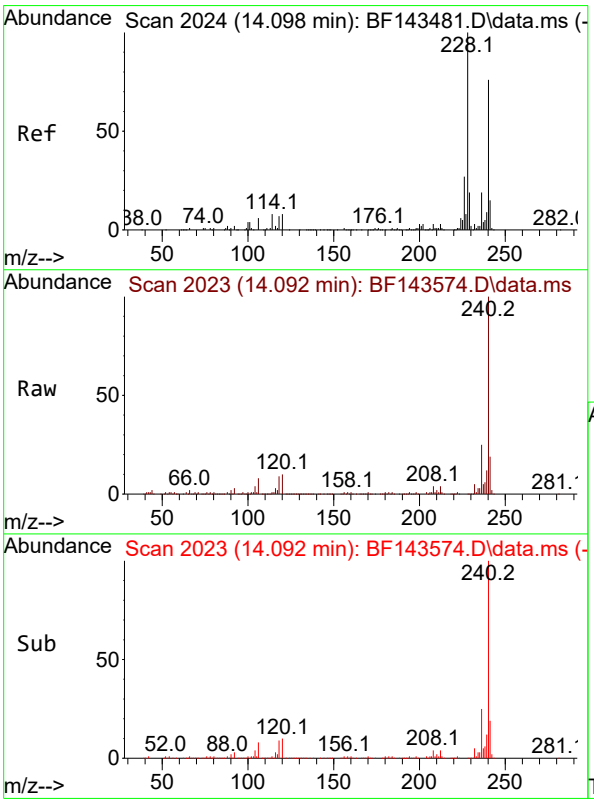
#73
Carbazole
Concen: 2.110 ng
RT: 11.680 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143574.D
Acq: 22 Aug 2025 15:54

Instrument :
BNA_F
ClientSampleId :
DUP-02-081925

Tgt Ion:167 Resp: 36327

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.3	25.9
139	14.9	10.0	15.0

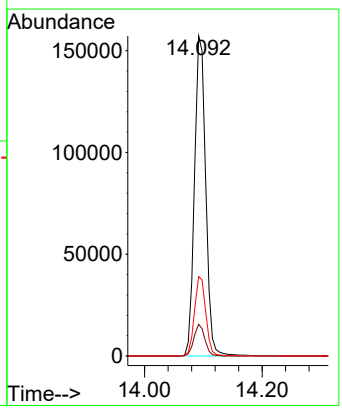


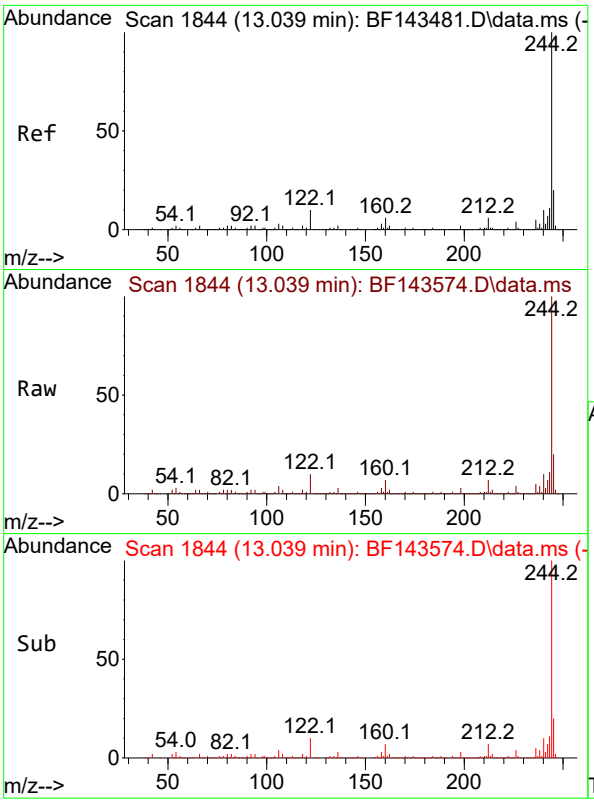


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF143574.D
Acq: 22 Aug 2025 15:54

Tgt Ion:240 Resp: 209004

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.6	12.8
236	24.8	20.4	30.6



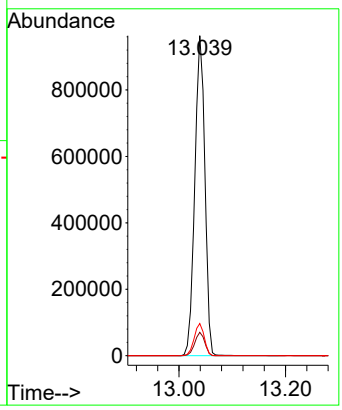


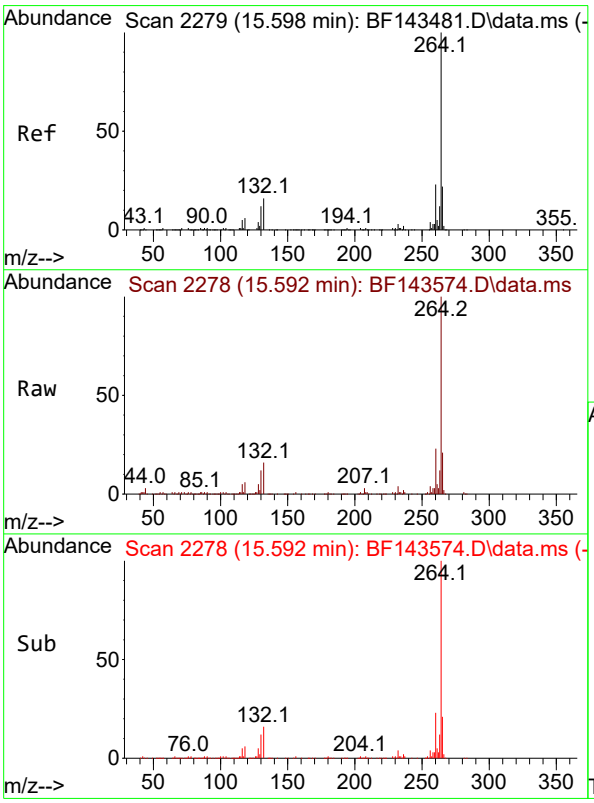
#79
Terphenyl-d14
Concen: 105.517 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143574.D
Acq: 22 Aug 2025 15:54

Instrument :
BNA_F
ClientSampleId :
DUP-02-081925

Tgt Ion:244 Resp: 1263786

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.2	7.8
122	10.1	7.9	11.9

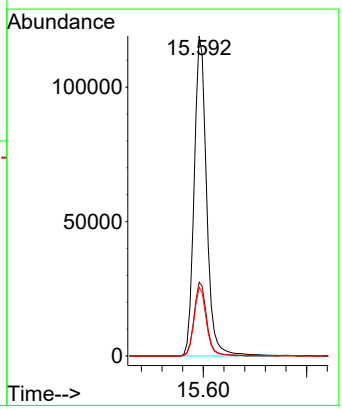




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF143574.D
Acq: 22 Aug 2025 15:54

Tgt Ion:264 Resp: 198825

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.4	17.6	26.4



Sample Results: **BF143574.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143574.D
Acq On : 22 Aug 2025 15:54
Operator : RC/JU
Sample : Q2903-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-02-081925

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: BF143574.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.257	3	11	23	rVB	1976059	3328432	89.30%	13.708%
2	5.157	495	504	511	rBV2	82066	146401	3.93%	0.603%
3	5.563	567	573	598	rVB	1180651	1601354	42.96%	6.595%
4	6.557	737	742	758	rBV	960383	1252800	33.61%	5.160%
5	6.922	799	804	810	rBV	519924	636738	17.08%	2.622%
6	7.104	827	835	842	rVB	45377	56246	1.51%	0.232%
7	7.487	893	900	905	rBV	1468508	2083878	55.91%	8.583%
8	7.945	973	978	982	rBV3	27061	38216	1.03%	0.157%
9	8.228	1023	1026	1032	rVB	1031360	1365559	36.64%	5.624%
10	9.016	1156	1160	1165	rVB	178637	226232	6.07%	0.932%
11	9.281	1198	1205	1210	rBV	2839489	3727178	100.00%	15.350%
12	9.963	1315	1321	1324	rBV	838619	1069373	28.69%	4.404%
13	9.992	1324	1326	1330	rVB	156235	167051	4.48%	0.688%
14	10.169	1351	1356	1361	rBV	31554	44363	1.19%	0.183%
15	10.510	1410	1414	1417	rBV	41267	53097	1.42%	0.219%
16	10.545	1417	1420	1427	rVV	43151	61411	1.65%	0.253%
17	10.675	1437	1442	1448	rVB	104078	138819	3.72%	0.572%
18	10.757	1449	1456	1469	rBV	1714941	2441052	65.49%	10.054%
19	11.451	1569	1574	1580	rBV	790120	1016407	27.27%	4.186%
20	11.680	1610	1613	1617	rBV	73691	121805	3.27%	0.502%
21	12.851	1809	1812	1818	rVB	56730	74357	1.99%	0.306%
22	13.039	1838	1844	1849	rBV	2649361	3464911	92.96%	14.270%
23	13.551	1928	1931	1936	rBV	29461	38432	1.03%	0.158%
24	13.933	1992	1996	2010	rVB3	14993	40003	1.07%	0.165%
25	14.092	2018	2023	2031	rVB	425796	555258	14.90%	2.287%
26	15.592	2272	2278	2294	rVB	321477	531174	14.25%	2.188%

Sum of corrected areas: 24280547

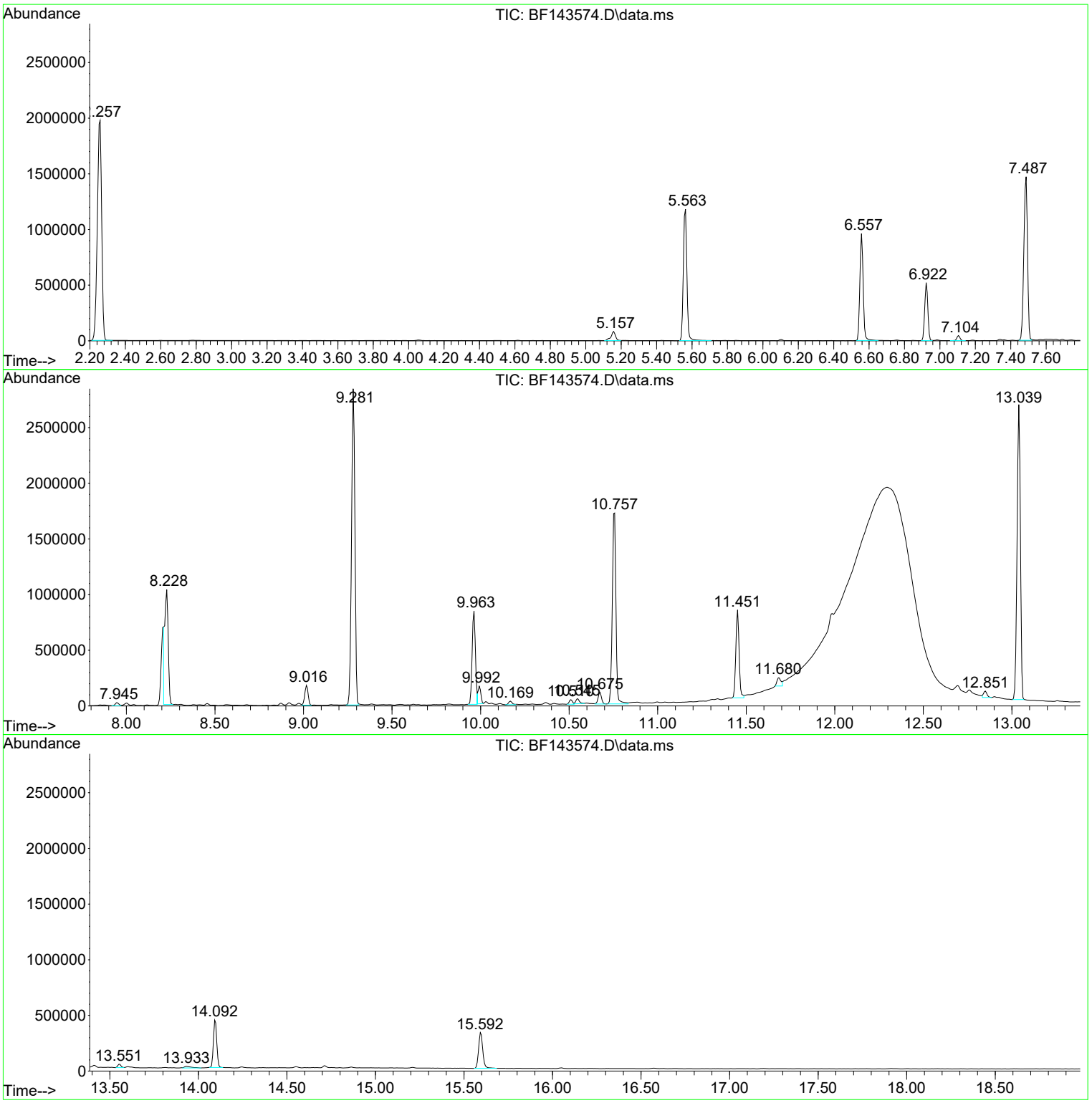
Sample Results: **BF143574.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143574.D
Acq On : 22 Aug 2025 15:54
Operator : RC/JU
Sample : Q2903-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-02-081925

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 : BF143574.D
Acq On : 22 Aug 2025 15:54
Operator : RC/JU
Sample : Q2903-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-02-081925

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

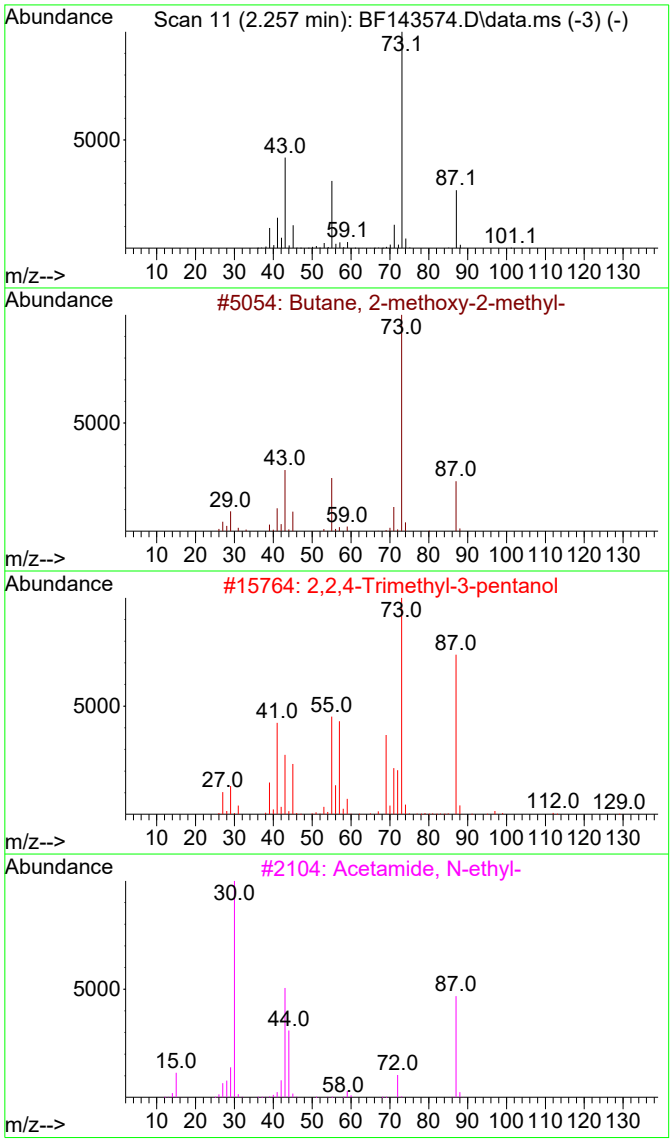
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

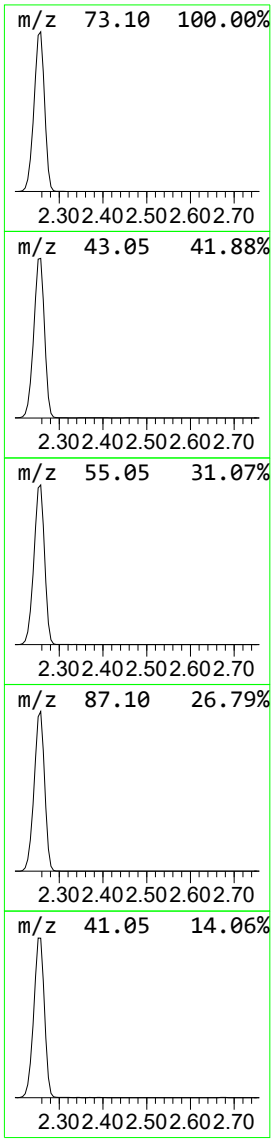
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.257	104.55 ng	3328430	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	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143574.D
Acq On : 22 Aug 2025 15:54
Operator : RC/JU
Sample : Q2903-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-02-081925

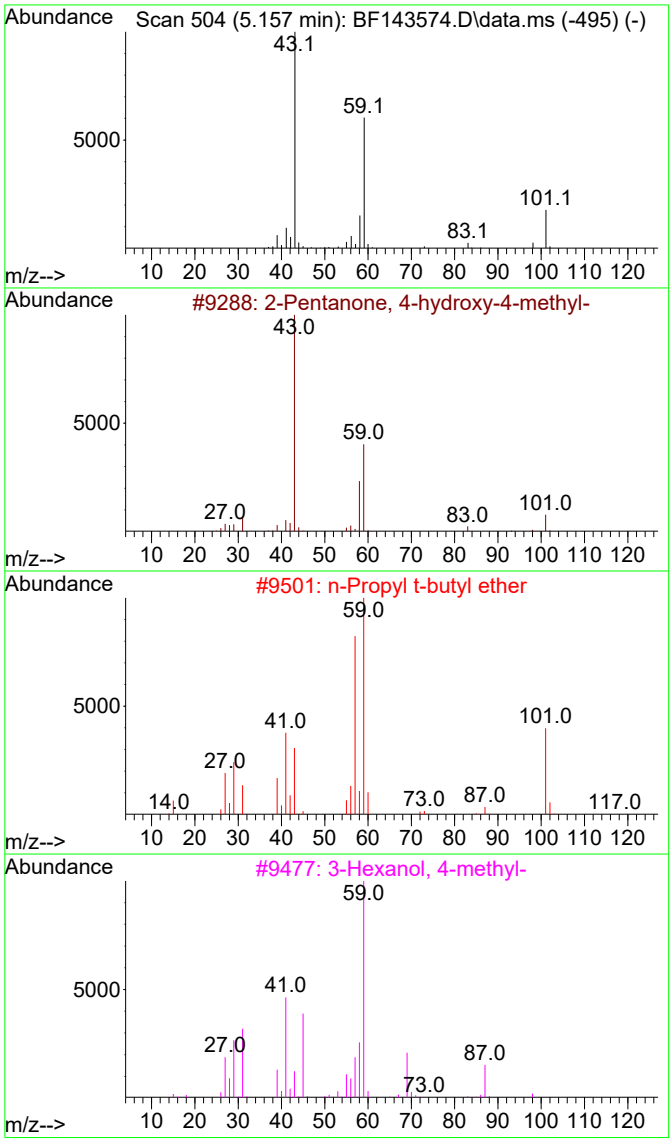
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

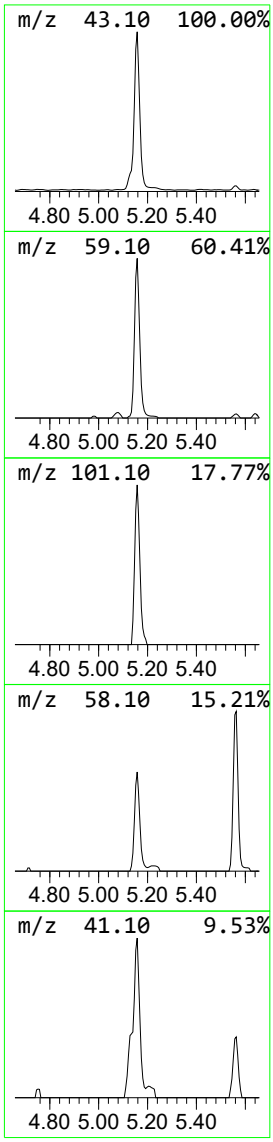
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.157	4.60 ng	146401	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	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143574.D
Acq On : 22 Aug 2025 15:54
Operator : RC/JU
Sample : Q2903-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-02-081925

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

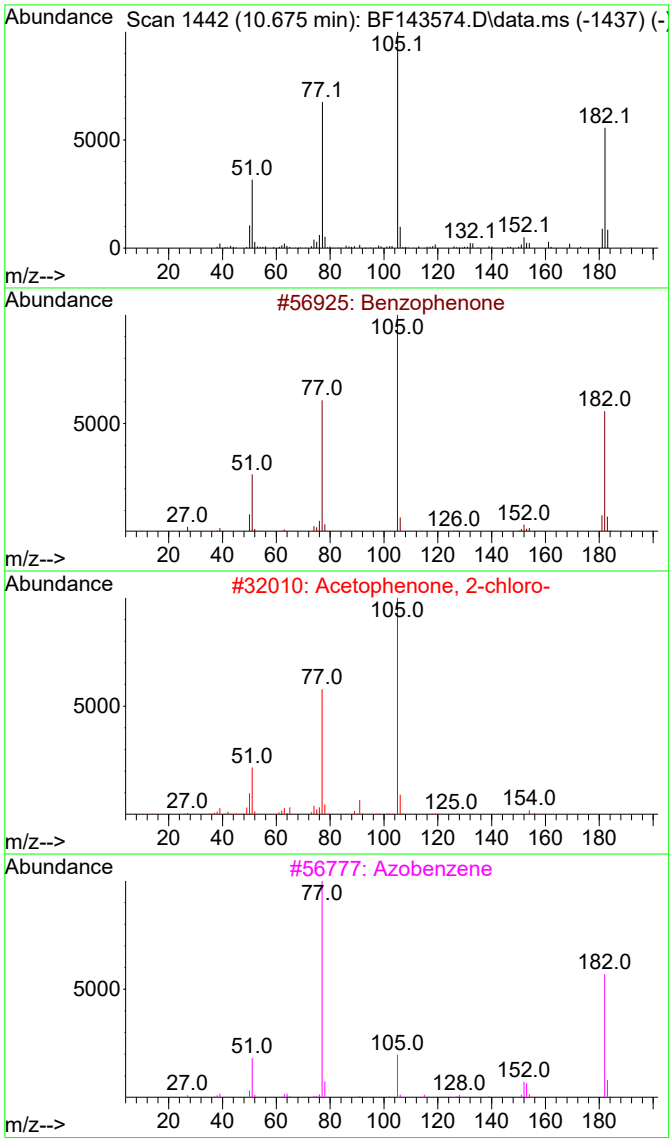
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

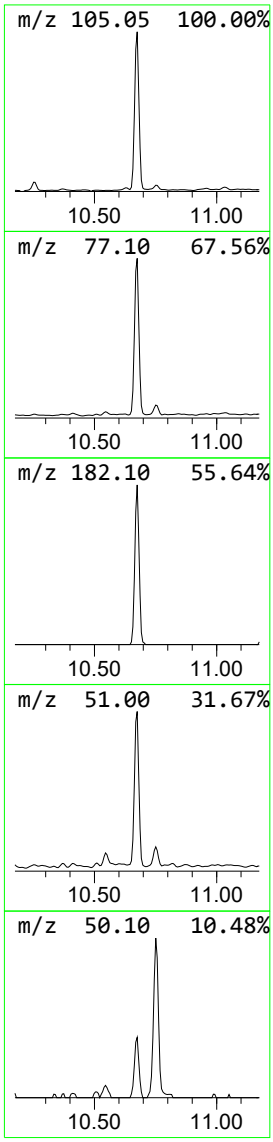
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Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.675	2.60 ng	138819	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	52
3	Azobenzene	182	C12H10N2	000103-33-3	52
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	50
5	Vinyl benzoate	148	C9H8O2	000769-78-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143574.D
Acq On : 22 Aug 2025 15:54
Operator : RC/JU
Sample : Q2903-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-02-081925

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

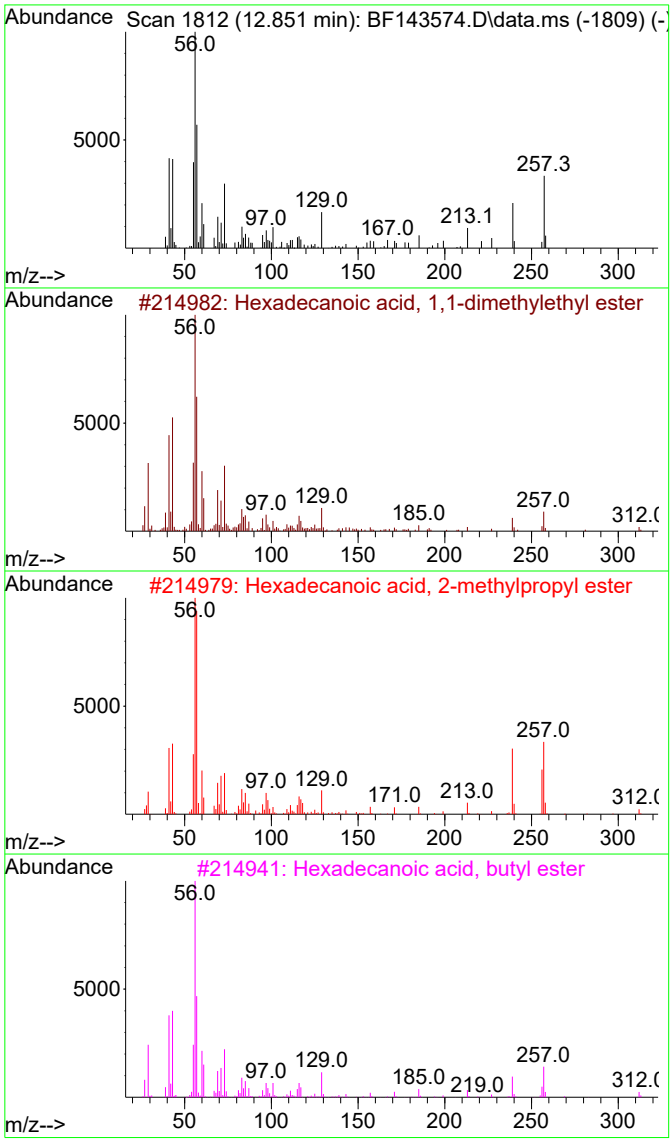
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TIC Integration Parameters: LSCINT.P

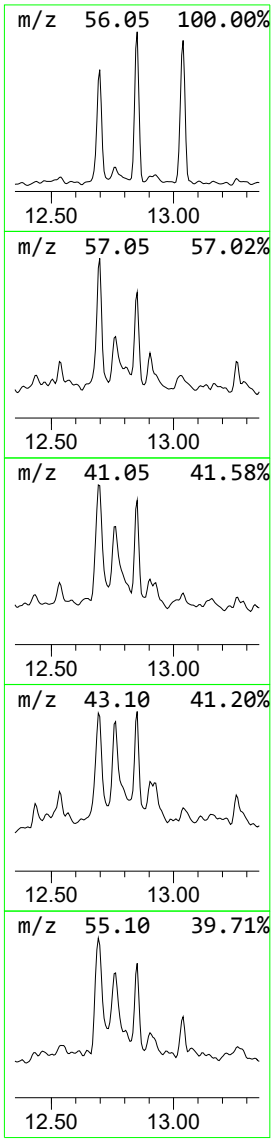
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Peak Number 4 Hexadecanoic acid, 1,1-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.851	2.68 ng	74357	Chrysene-d12	14.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	68
2	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	43
3	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	35
4	Cyclohexanol, 4-amino-, trans-	115	C6H13NO	027489-62-9	30
5	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	27





Sample Results: **BF143574.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143574.D
Acq On : 22 Aug 2025 15:54
Operator : RC/JU
Sample : Q2903-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-02-081925

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...	2.257	104.6	ng	3328430	1	6.922	636738	20.0
2-Pentanone, 4-...	5.157	4.6	ng	146401	1	6.922	636738	20.0
Benzophenone	10.675	2.6	ng	138819	3	9.963	1069370	20.0
Hexadecanoic ac...	12.851	2.7	ng	74357	5	14.092	555258	20.0

Raw Data: **BF143575.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-17A-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-10	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
BF143575.D	1	08/21/25 08:50	08/22/25 16:24	PB169330

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: **BF143575.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-17A-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-10	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
BF143575.D	1	08/21/25 08:50	08/22/25 16:24	PB169330

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	UQ	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	UQ	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: **BF143575.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-17A-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-10	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
BF143575.D	1	08/21/25 08:50	08/22/25 16:24	PB169330

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	65.3		23 - 138	44%	SPK: 150
13127-88-3	Phenol-d6	42.2		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	101		67 - 132	101%	SPK: 100
321-60-8	2-Fluorobiphenyl	86.4		52 - 132	86%	SPK: 100
118-79-6	2,4,6-Tribromophenol	146		44 - 137	97%	SPK: 150
1718-51-0	Terphenyl-d14	96.6		42 - 152	97%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	91700	6.922			
1146-65-2	Naphthalene-d8	366000	8.204			
15067-26-2	Acenaphthene-d10	215000	9.963			
1517-22-2	Phenanthrene-d10	364000	11.451			
1719-03-5	Chrysene-d12	199000	14.092			
1520-96-3	Perylene-d12	192000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J		2.26	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.00	AB		5.15	ug/L
000057-10-3	n-Hexadecanoic acid	3.10	J		12.0	ug/L
000111-06-8	Hexadecanoic acid, butyl ester	2.70	J		12.9	ug/L

Raw Data: **BF143575.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-17A-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-10	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
BF143575.D	1	08/21/25 08:50	08/22/25 16:24	PB169330

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: **BF143575.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143575.D
Acq On : 22 Aug 2025 16:24
Operator : RC/JU
Sample : Q2903-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-17A-081925

Quant Time: Aug 22 16:58:52 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

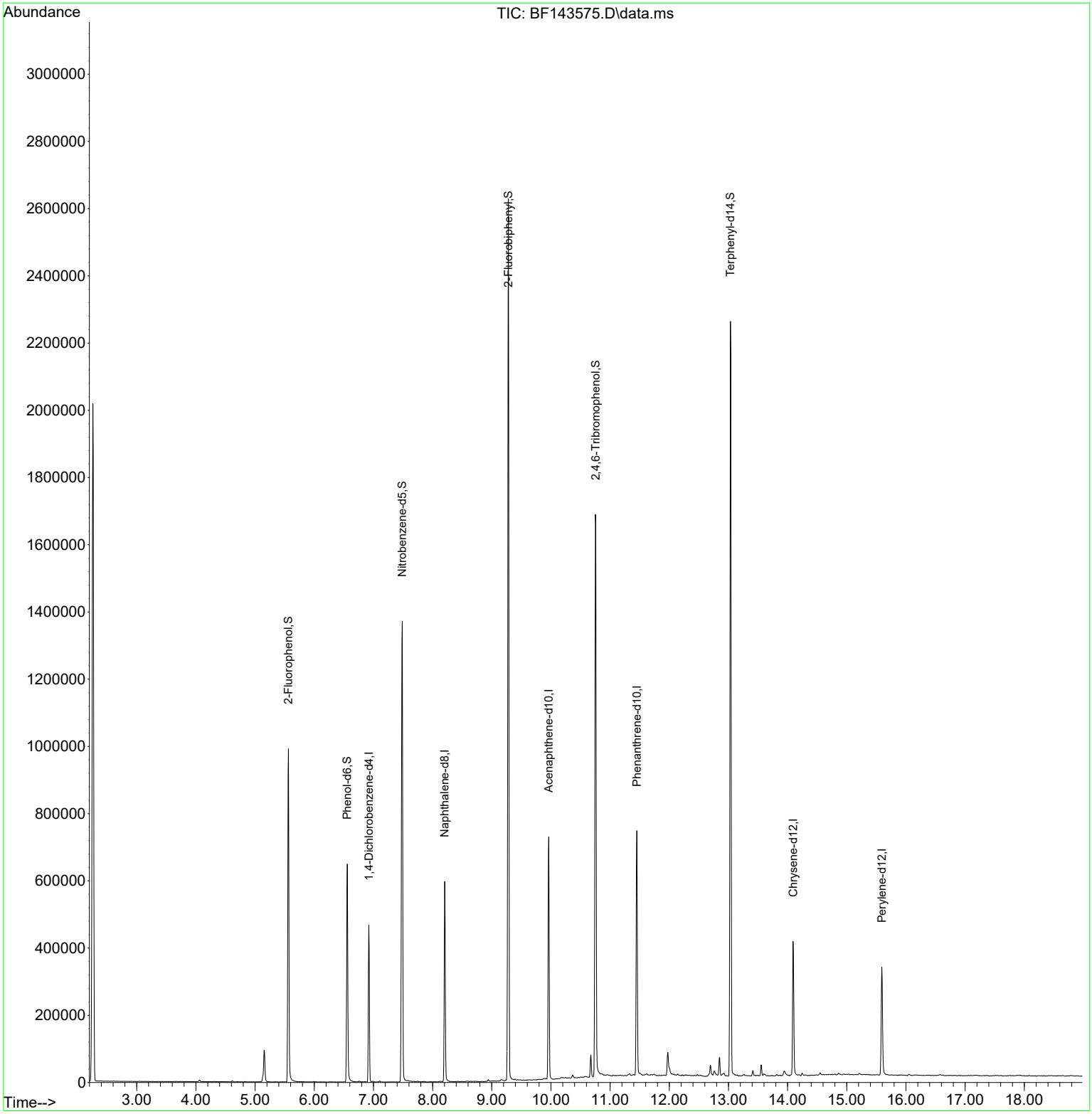
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	91723	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	366130	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	214850	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	364260	20.000	ng	0.00
76) Chrysene-d12	14.092	240	199085	20.000	ng	-0.01
86) Perylene-d12	15.592	264	192075	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	342952	65.289	ng	0.00
7) Phenol-d6	6.557	99	273706	42.210	ng	-0.02
23) Nitrobenzene-d5	7.487	82	635718	101.322	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	292218	146.114	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1123398	86.414	ng	0.00
79) Terphenyl-d14	13.033	244	1102057	96.599	ng	0.00
Target Compounds						Qvalue

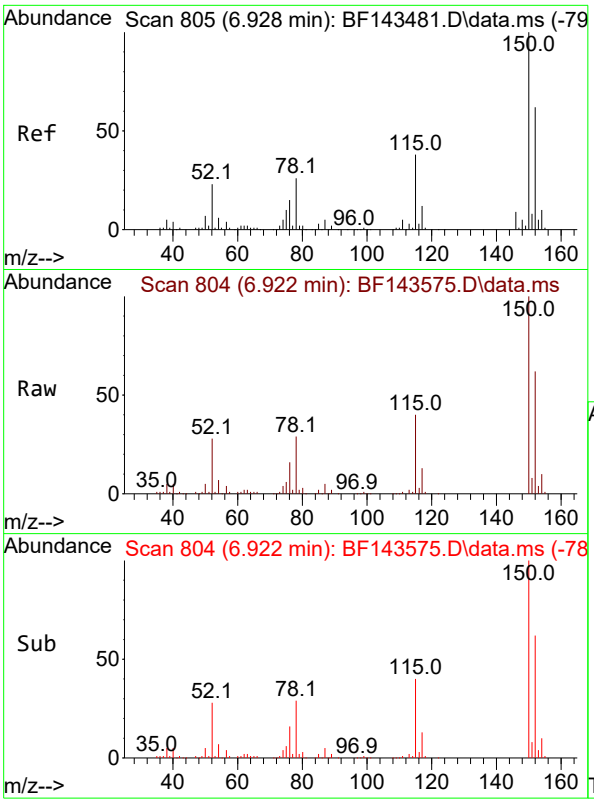
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143575.D
Acq On : 22 Aug 2025 16:24
Operator : RC/JU
Sample : Q2903-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-17A-081925

Quant Time: Aug 22 16:58:52 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



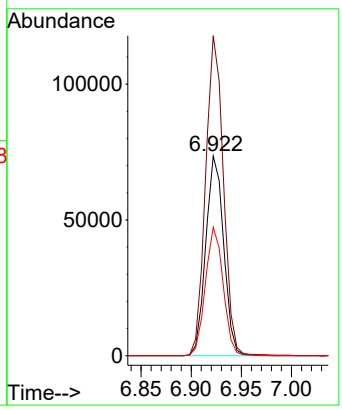


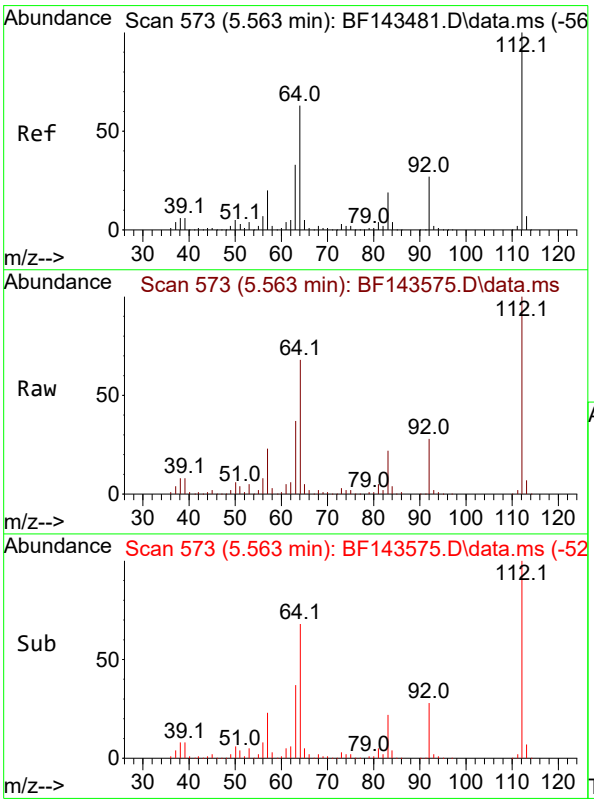
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143575.D
Acq: 22 Aug 2025 16:24

Instrument :
BNA_F
ClientSampleId :
MW-17A-081925

Tgt Ion:152 Resp: 91723

Ion	Ratio	Lower	Upper
152	100		
150	160.2	128.9	193.3
115	64.2	49.2	73.8

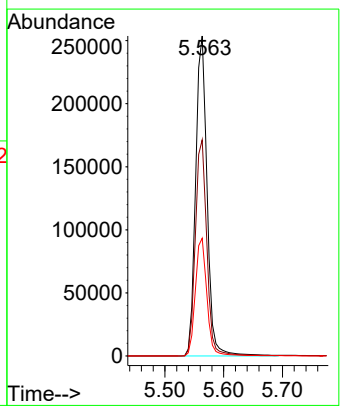


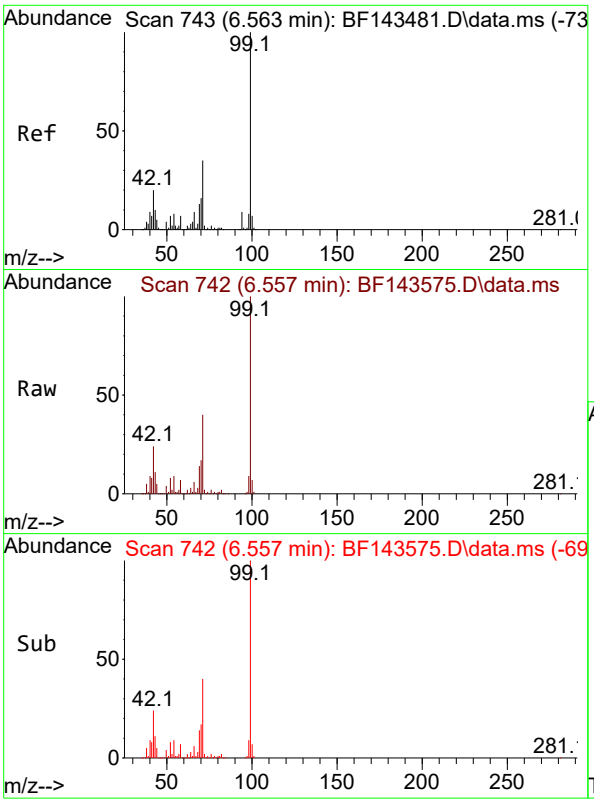


#5
2-Fluorophenol
Concen: 65.289 ng
RT: 5.563 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF143575.D
Acq: 22 Aug 2025 16:24

Tgt Ion:112 Resp: 342952

Ion	Ratio	Lower	Upper
112	100		
64	67.5	50.4	75.6
63	36.8	26.4	39.6



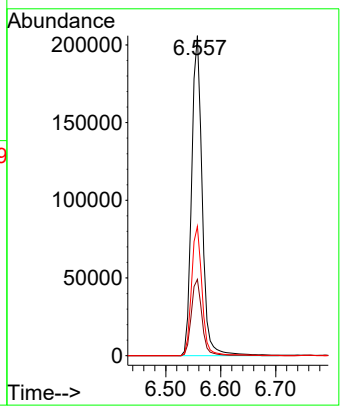


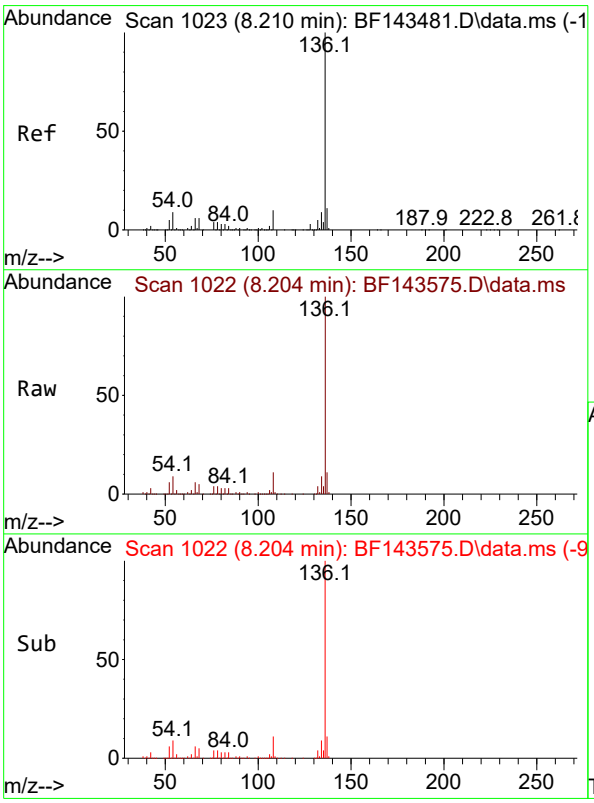
#7
Phenol-d6
Concen: 42.210 ng
RT: 6.557 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143575.D
Acq: 22 Aug 2025 16:24

Instrument :
BNA_F
ClientSampleId :
MW-17A-081925

Tgt Ion: 99 Resp: 273706

Ion	Ratio	Lower	Upper
99	100		
42	23.8	16.3	24.5
71	40.4	28.2	42.2

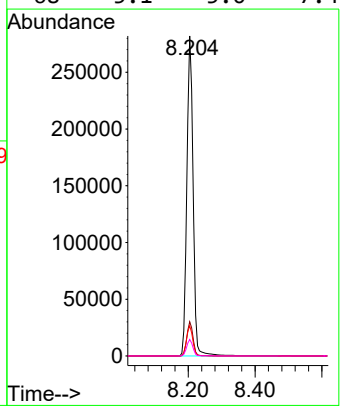


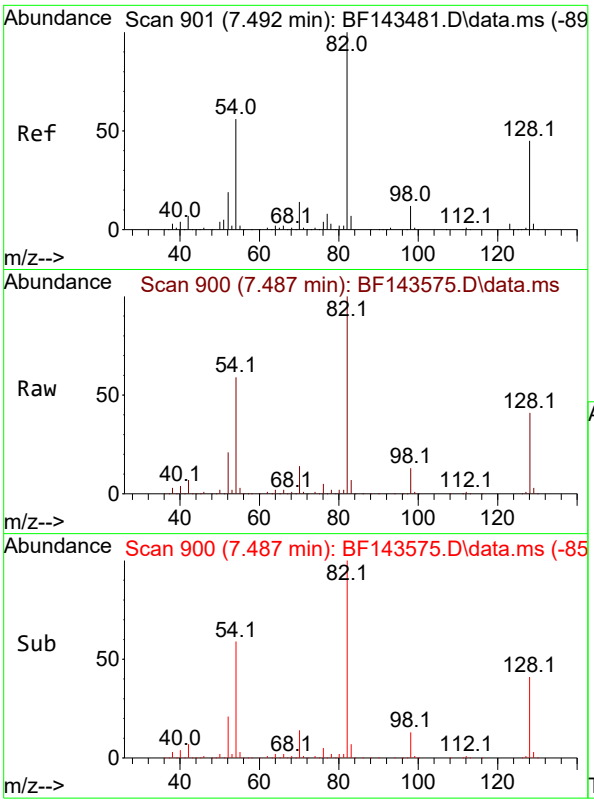


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143575.D
Acq: 22 Aug 2025 16:24

Tgt Ion:136 Resp: 366130

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	9.4	7.4	11.2
68	5.1	5.0	7.4



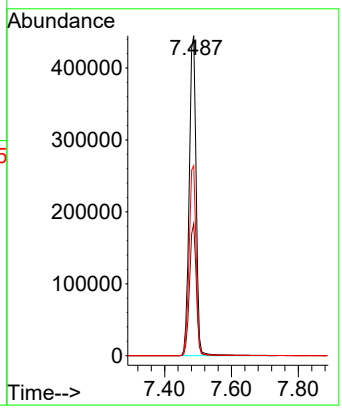


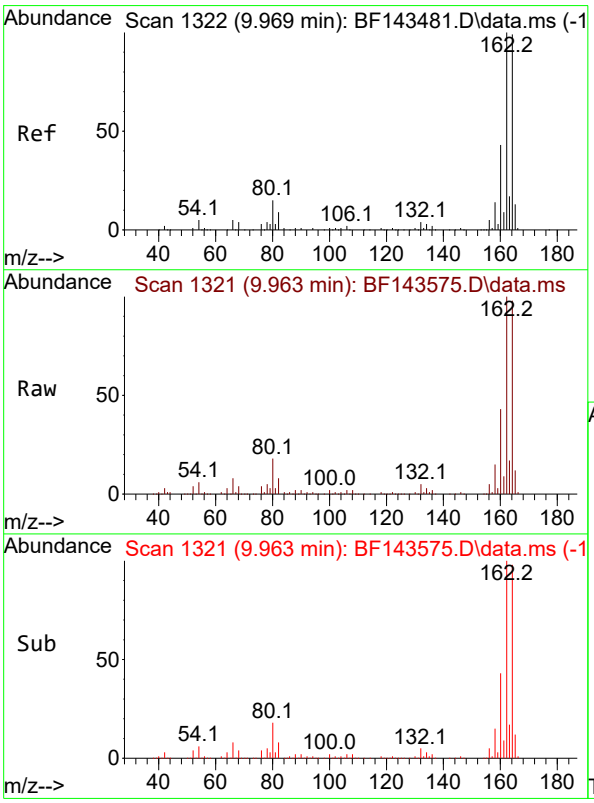
#23
Nitrobenzene-d5
Concen: 101.322 ng
RT: 7.487 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143575.D
Acq: 22 Aug 2025 16:24

Instrument :
BNA_F
ClientSampleId :
MW-17A-081925

Tgt Ion: 82 Resp: 635718

Ion	Ratio	Lower	Upper
82	100		
128	41.2	35.5	53.3
54	59.3	44.3	66.5

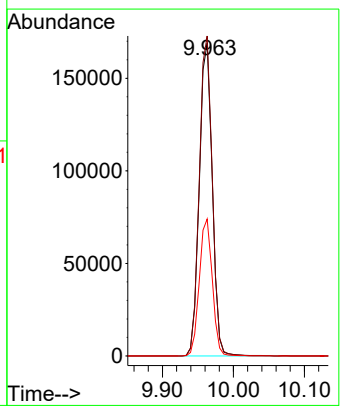


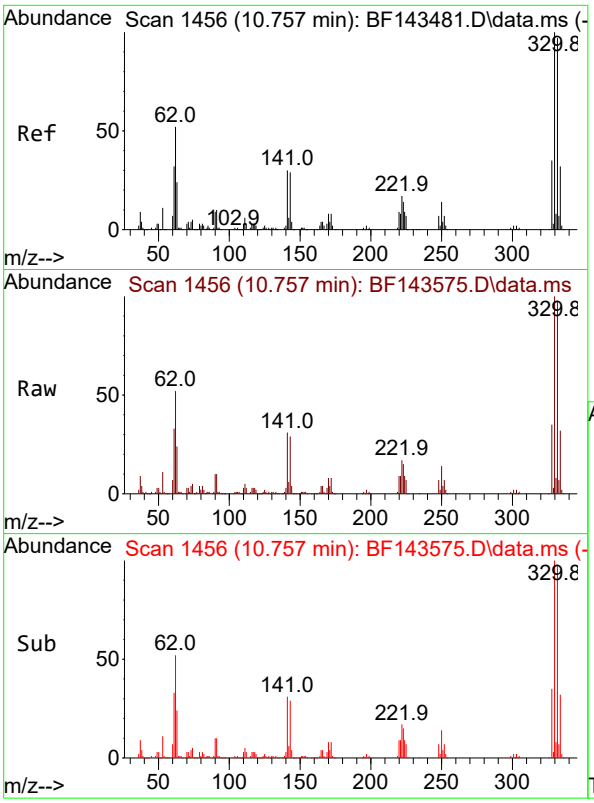


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF143575.D
Acq: 22 Aug 2025 16:24

Tgt Ion:164 Resp: 214850

Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.5	120.7
160	43.8	34.3	51.5



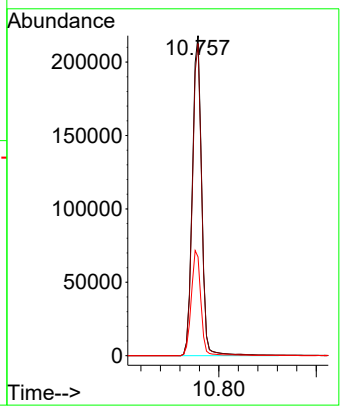


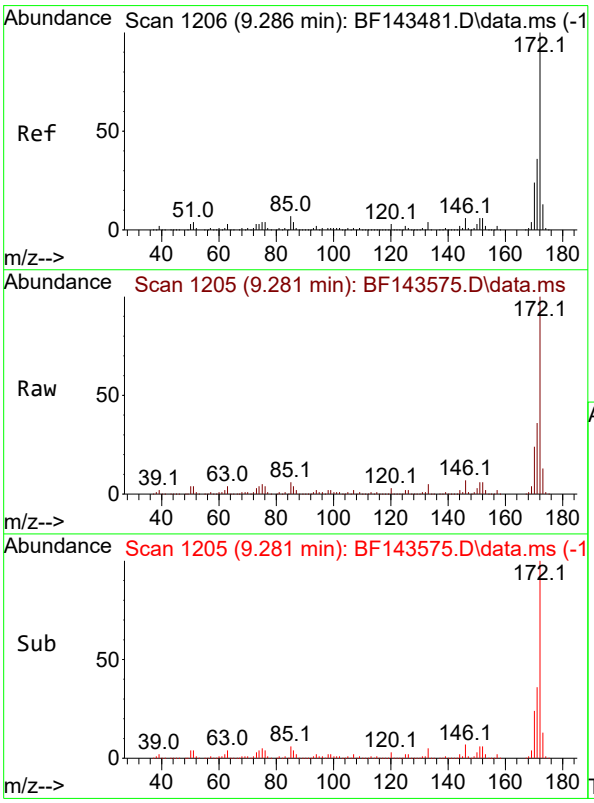
#42
2,4,6-Tribromophenol
Concen: 146.114 ng
RT: 10.757 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143575.D
Acq: 22 Aug 2025 16:24

Instrument :
BNA_F
ClientSampleId :
MW-17A-081925

Tgt Ion:330 Resp: 292218

Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.0	117.0
141	33.9	23.7	35.5

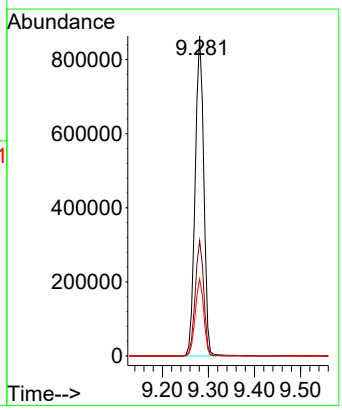


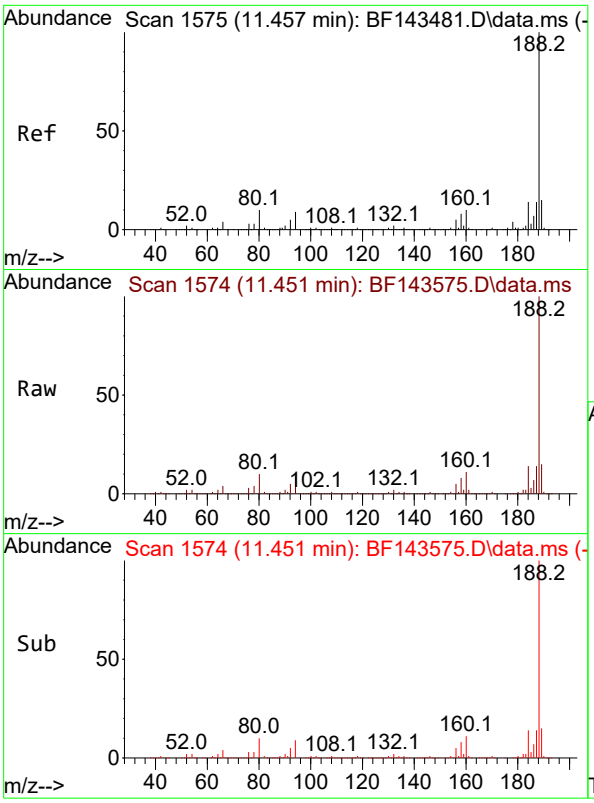


#45
2-Fluorobiphenyl
Concen: 86.414 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143575.D
Acq: 22 Aug 2025 16:24

Tgt Ion:172 Resp: 1123398

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.8	43.2
170	24.0	18.8	28.2



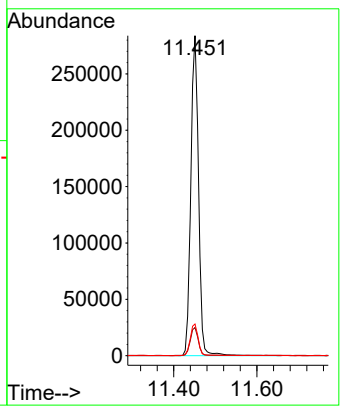


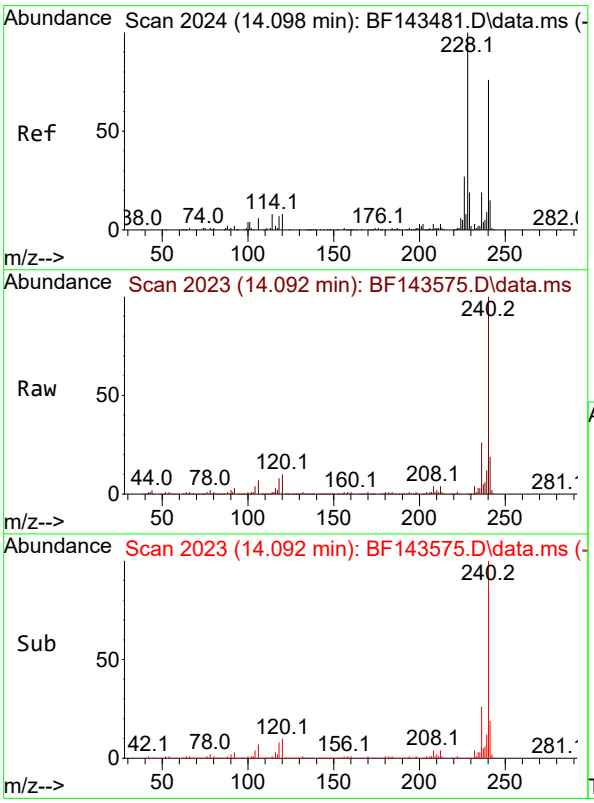
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143575.D
Acq: 22 Aug 2025 16:24

Instrument :
BNA_F
ClientSampleId :
MW-17A-081925

Tgt Ion:188 Resp: 364260

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.4	11.2
80	9.9	8.2	12.4

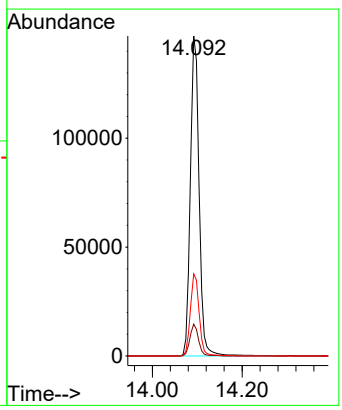


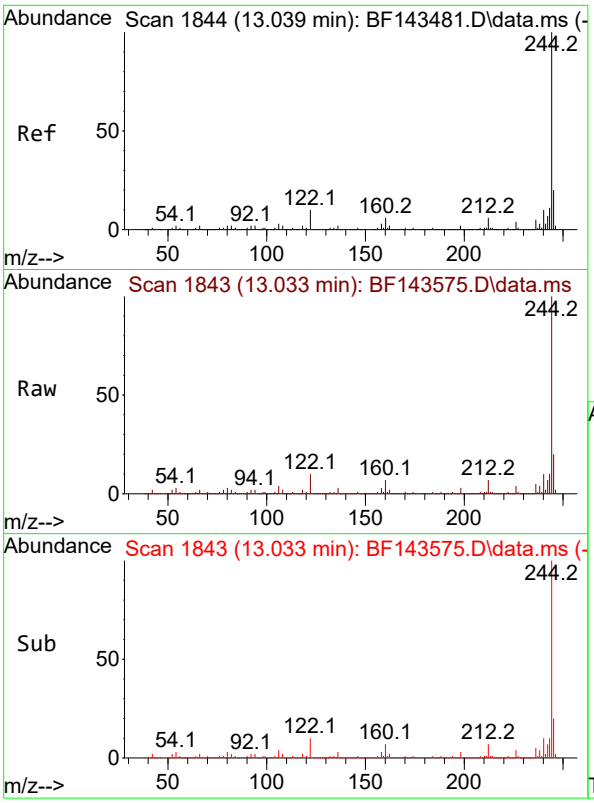


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF143575.D
Acq: 22 Aug 2025 16:24

Tgt Ion:240 Resp: 199085

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.6	12.8
236	25.7	20.4	30.6



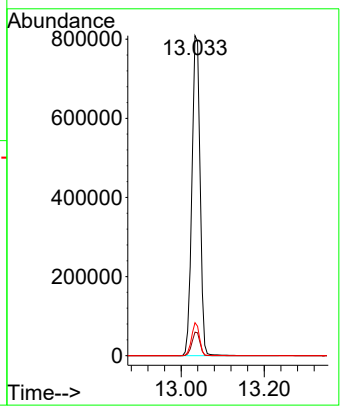


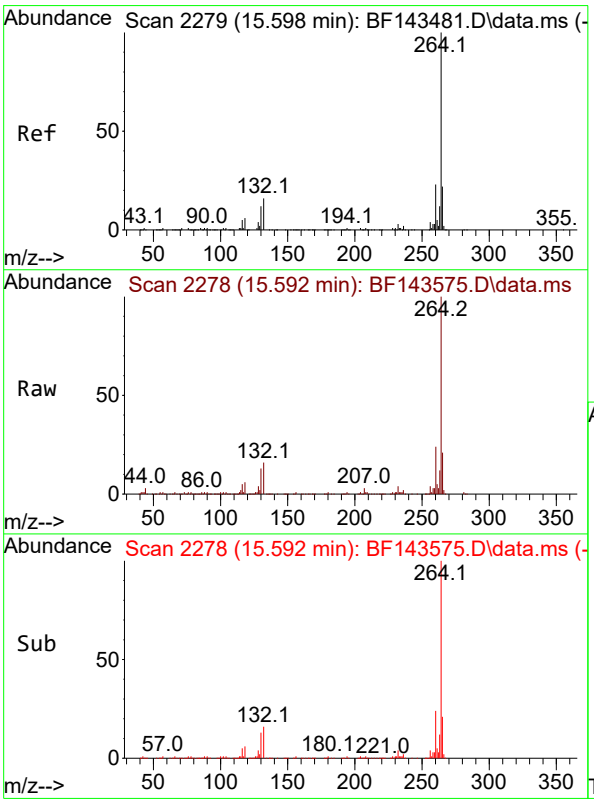
#79
Terphenyl-d14
Concen: 96.599 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143575.D
Acq: 22 Aug 2025 16:24

Instrument :
BNA_F
ClientSampleId :
MW-17A-081925

Tgt Ion:244 Resp: 1102057

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.2	7.8
122	10.3	7.9	11.9

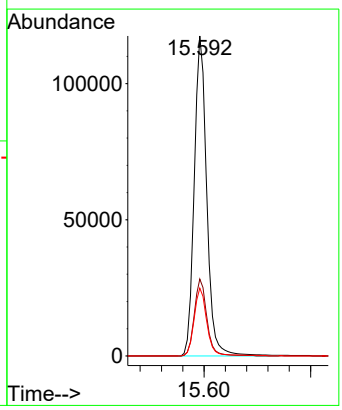




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF143575.D
Acq: 22 Aug 2025 16:24

Tgt Ion:264 Resp: 192075

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.2	17.6	26.4



Sample Results: **BF143575.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143575.D
Acq On : 22 Aug 2025 16:24
Operator : RC/JU
Sample : Q2903-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-17A-081925

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: BF143575.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.258	3	11	20	rBV	2015221	3333115	98.65%	15.839%
2	5.152	494	503	513	rBV2	93441	164862	4.88%	0.783%
3	5.563	567	573	590	rBV	991060	1339563	39.65%	6.366%
4	6.557	737	742	763	rBV	648661	866193	25.64%	4.116%
5	6.922	799	804	812	rBV	467523	574860	17.01%	2.732%
6	7.487	893	900	911	rBV	1370257	1937644	57.35%	9.208%
7	8.204	1017	1022	1036	rBV	595493	762425	22.57%	3.623%
8	9.281	1199	1205	1210	rBV	2622373	3378602	100.00%	16.056%
9	9.963	1315	1321	1332	rVB	721941	928532	27.48%	4.413%
10	10.675	1437	1442	1449	rBV	66512	89527	2.65%	0.425%
11	10.751	1449	1455	1470	rBV	1672625	2341706	69.31%	11.128%
12	11.451	1569	1574	1581	rBV	726951	927264	27.45%	4.406%
13	11.975	1658	1663	1675	rBV2	69147	139444	4.13%	0.663%
14	12.692	1778	1785	1792	rBV	31701	54435	1.61%	0.259%
15	12.851	1807	1812	1816	rVB	52819	69637	2.06%	0.331%
16	13.033	1837	1843	1856	rBV	2246037	3040719	90.00%	14.450%
17	13.551	1927	1931	1936	rBV	32403	42718	1.26%	0.203%
18	14.092	2018	2023	2037	rVB	398400	537357	15.90%	2.554%
19	15.592	2272	2278	2291	rBV	320463	514567	15.23%	2.445%

Sum of corrected areas: 21043170

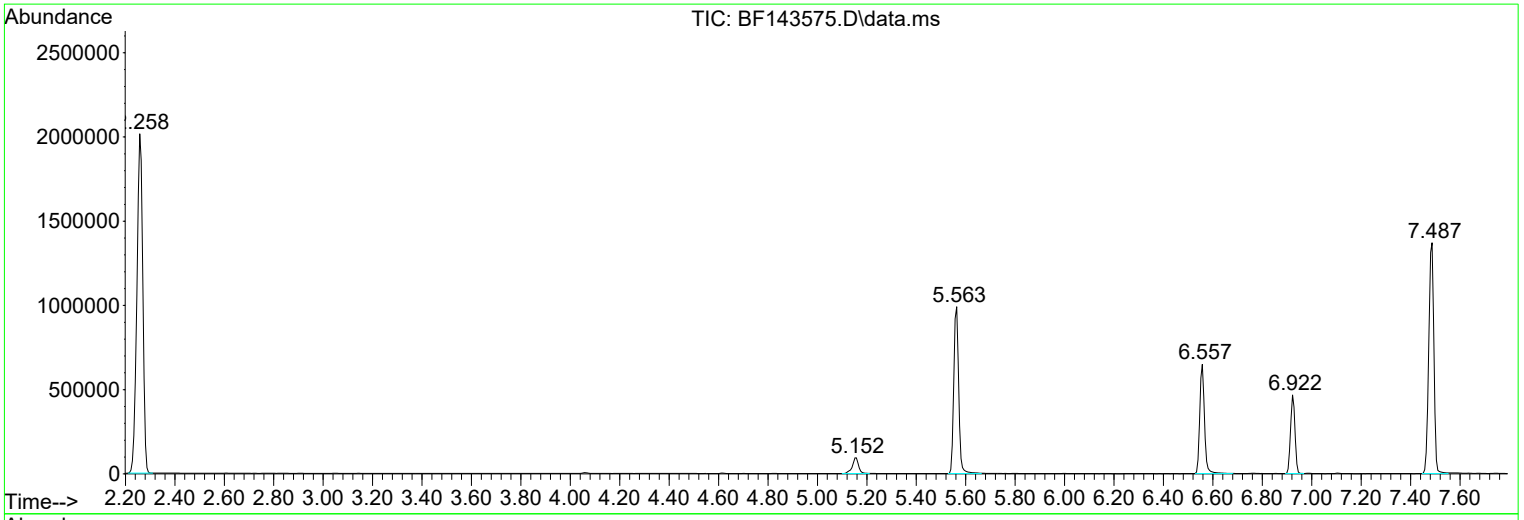
Sample Results: **BF143575.D**

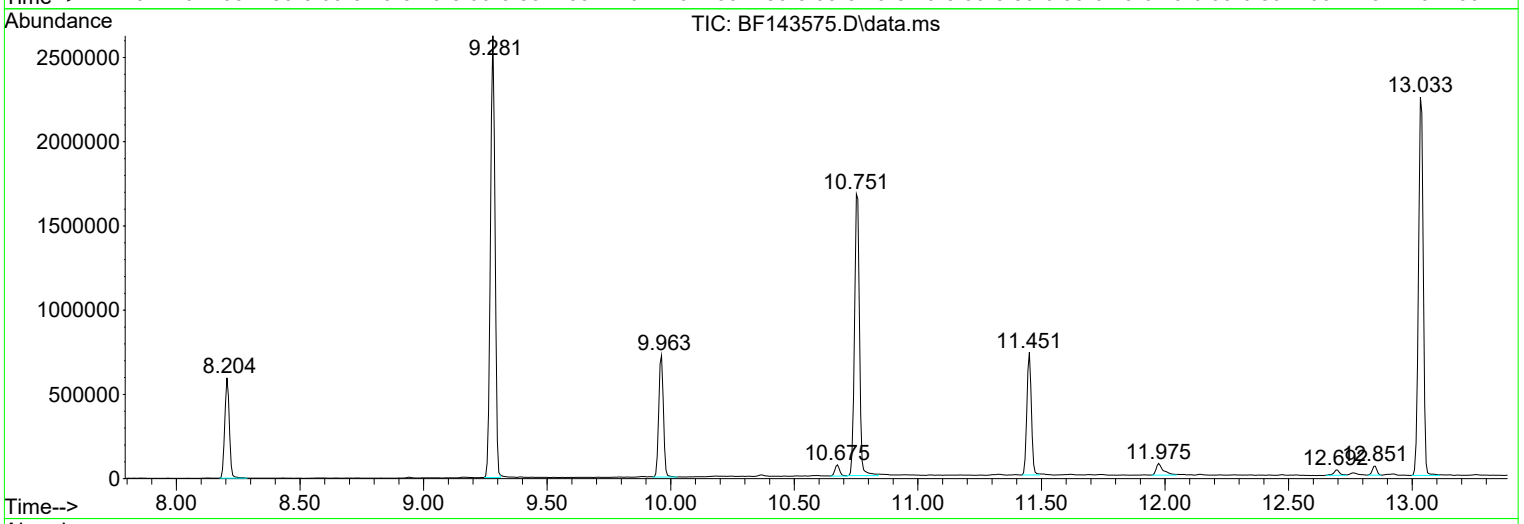
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143575.D
Acq On : 22 Aug 2025 16:24
Operator : RC/JU
Sample : Q2903-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

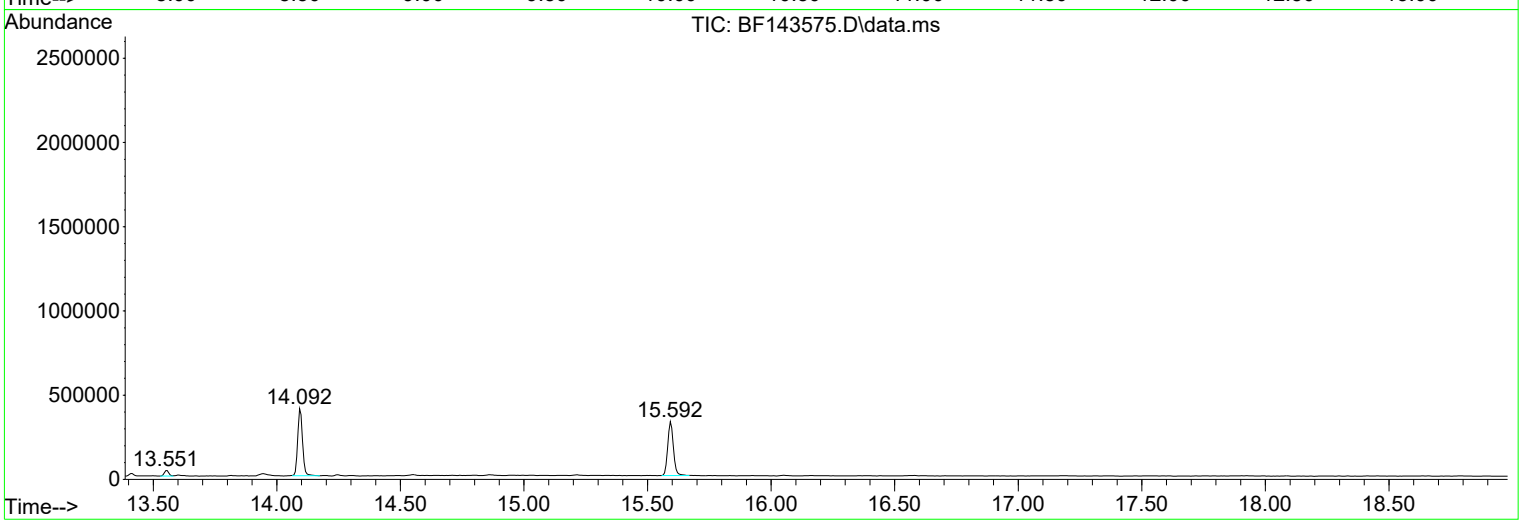
Instrument :
BNA_F
ClientSampleId :
MW-17A-081925

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 : BF143575.D
Acq On : 22 Aug 2025 16:24
Operator : RC/JU
Sample : Q2903-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-17A-081925

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

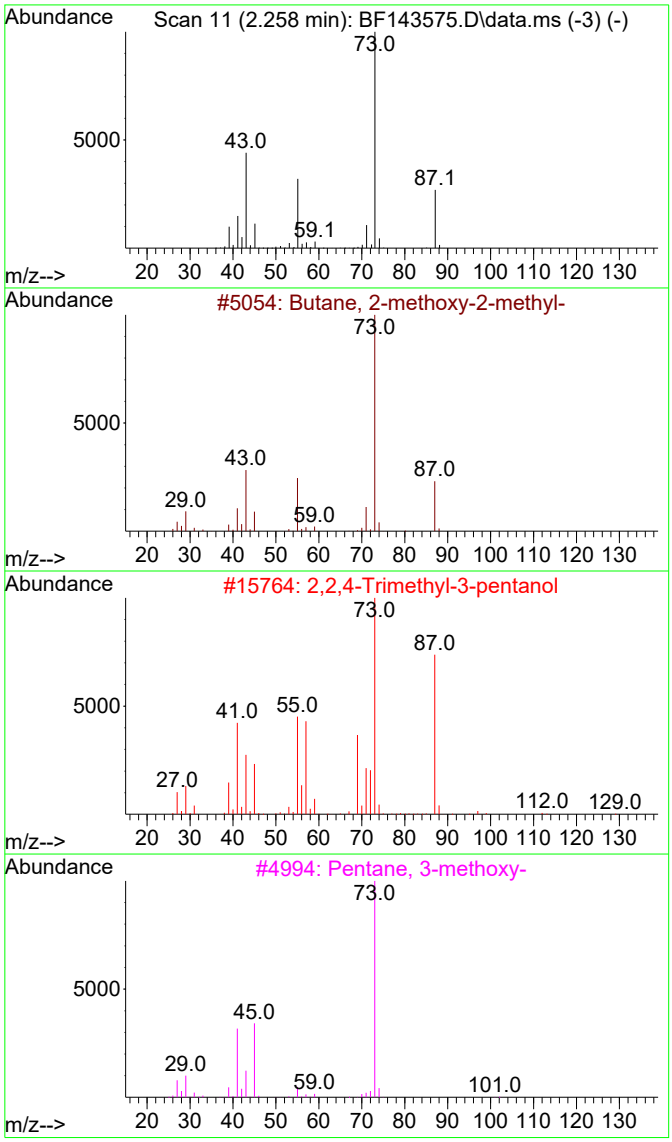
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

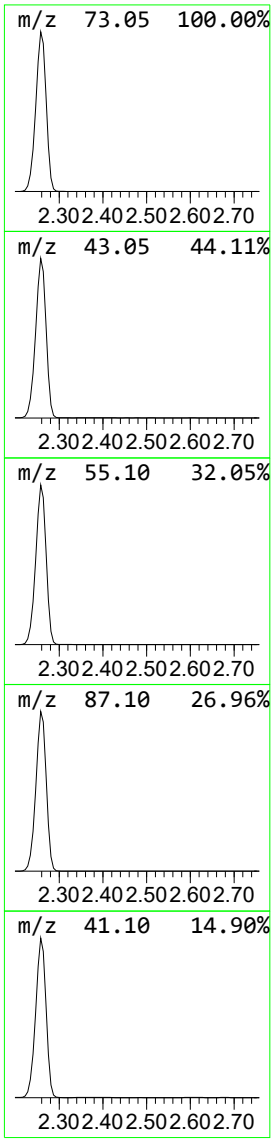
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.258	115.96 ng	3333120	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	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143575.D
Acq On : 22 Aug 2025 16:24
Operator : RC/JU
Sample : Q2903-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-17A-081925

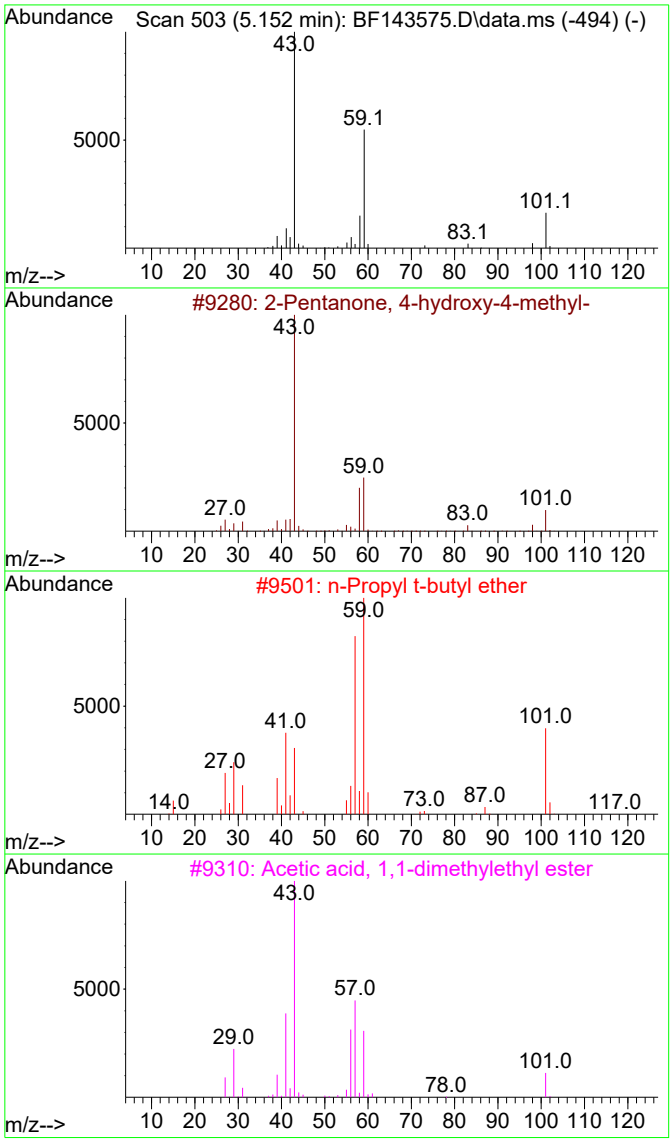
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

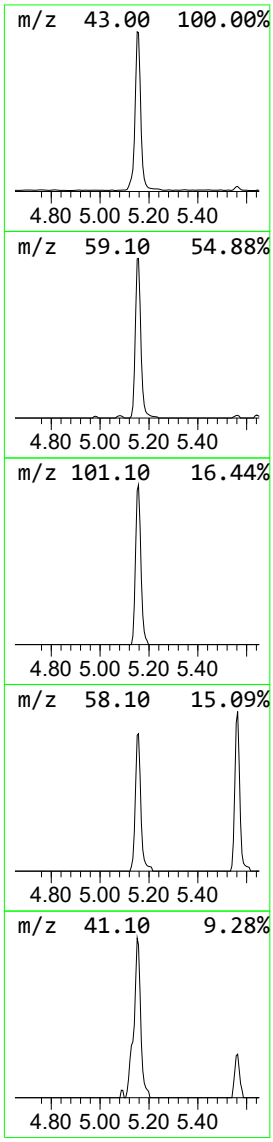
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.152	5.74 ng	164862	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	64
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143575.D
Acq On : 22 Aug 2025 16:24
Operator : RC/JU
Sample : Q2903-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-17A-081925

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

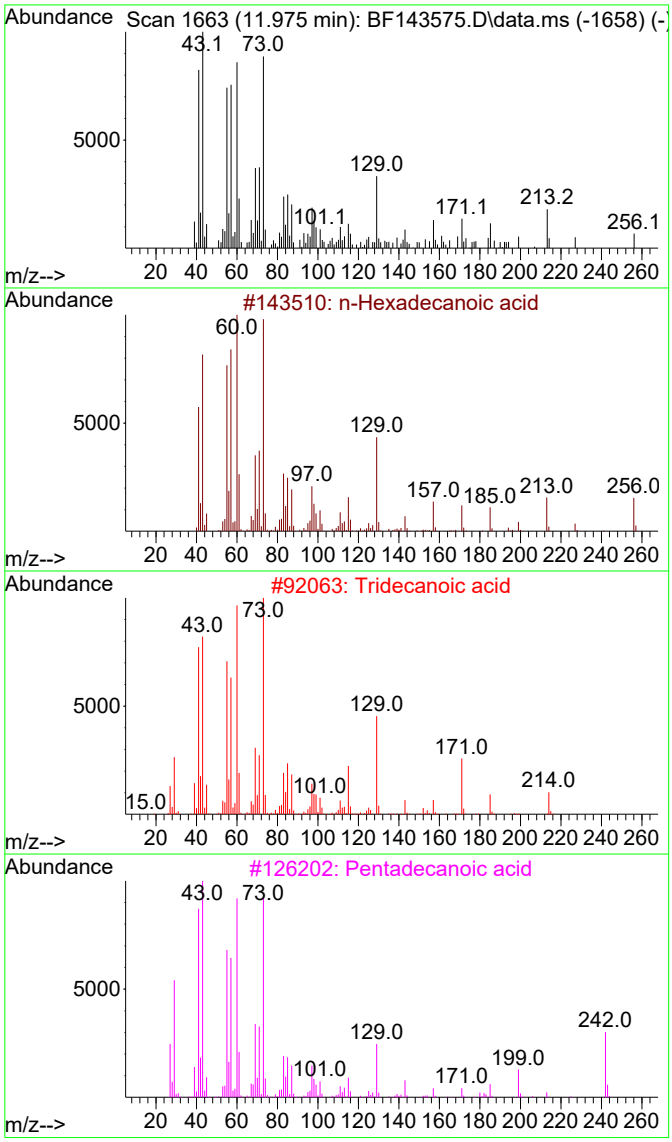
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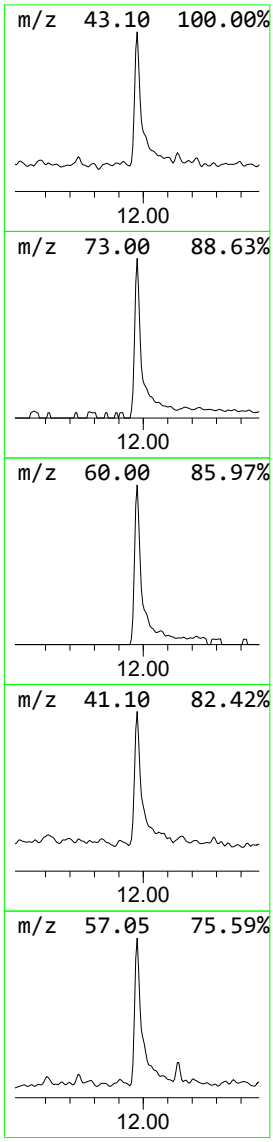
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	3.01 ng	139444	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143575.D
Acq On : 22 Aug 2025 16:24
Operator : RC/JU
Sample : Q2903-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-17A-081925

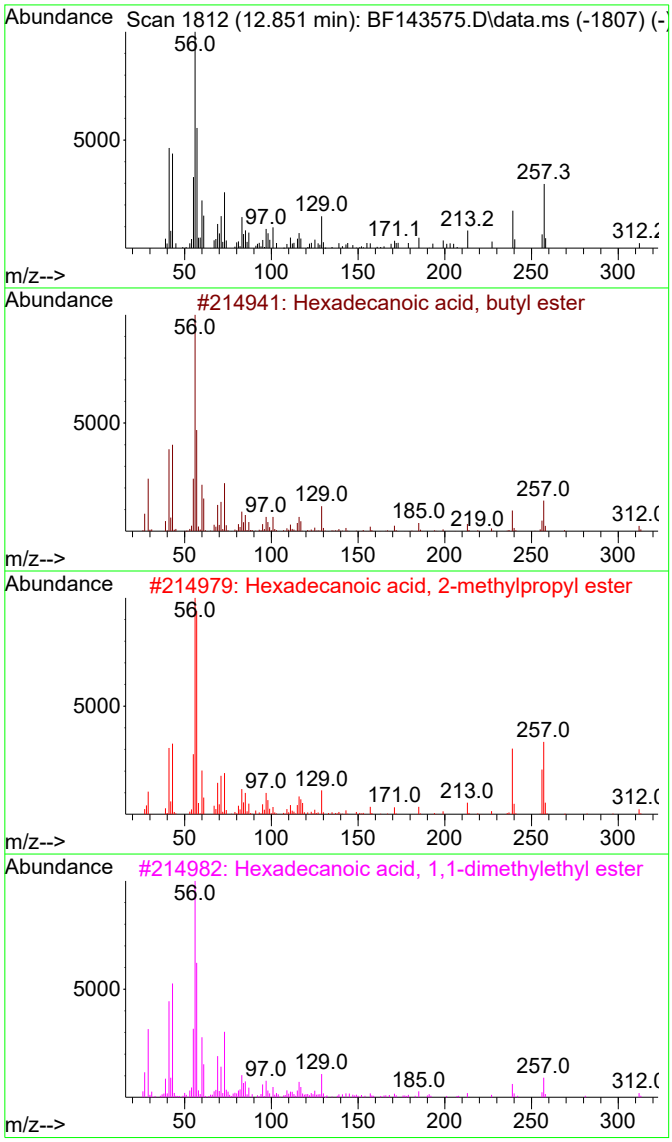
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

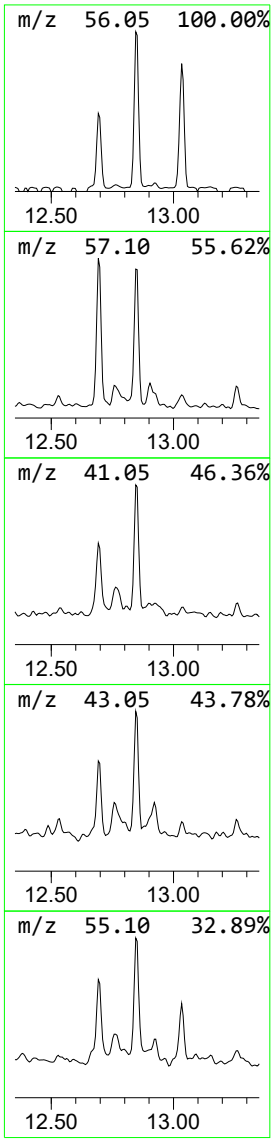
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.851	2.59 ng	69637	Chrysene-d12	14.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	99
2	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	70
3	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	60
4	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	35
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	27





Sample Results: **BF143575.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143575.D
Acq On : 22 Aug 2025 16:24
Operator : RC/JU
Sample : Q2903-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-17A-081925

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...	2.258	116.0	ng	3333120	1	6.922	574860	20.0
2-Pentanone, 4-...	5.152	5.7	ng	164862	1	6.922	574860	20.0
n-Hexadecanoic ...	11.975	3.0	ng	139444	4	11.451	927264	20.0
Hexadecanoic ac...	12.851	2.6	ng	69637	5	14.092	537357	20.0

Raw Data: **BP025549.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-18A-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-11	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
BP025549.D	2	08/21/25 08:50	08/22/25 14:54	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	21.1	U	8.20	21.1	ug/L
108-95-2	Phenol	6.90	J	1.90	10.5	ug/L
111-44-4	bis(2-Chloroethyl)ether	10.5	U	1.70	10.5	ug/L
95-57-8	2-Chlorophenol	10.5	U	1.20	10.5	ug/L
95-48-7	2-Methylphenol	10.5	U	2.40	10.5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	10.5	U	2.70	10.5	ug/L
98-86-2	Acetophenone	10.5	U	1.60	10.5	ug/L
65794-96-9	3+4-Methylphenols	21.1	U	2.30	21.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	5.30	U	3.00	5.30	ug/L
67-72-1	Hexachloroethane	10.5	U	1.40	10.5	ug/L
98-95-3	Nitrobenzene	10.5	U	1.60	10.5	ug/L
78-59-1	Isophorone	10.5	U	1.60	10.5	ug/L
88-75-5	2-Nitrophenol	10.5	U	3.70	10.5	ug/L
105-67-9	2,4-Dimethylphenol	10.5	U	3.90	10.5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.5	U	1.40	10.5	ug/L
120-83-2	2,4-Dichlorophenol	10.5	U	1.10	10.5	ug/L
91-20-3	Naphthalene	100		1.10	10.5	ug/L
106-47-8	4-Chloroaniline	10.5	U	1.80	10.5	ug/L
87-68-3	Hexachlorobutadiene	10.5	U	1.10	10.5	ug/L
105-60-2	Caprolactam	21.1	U	2.40	21.1	ug/L
59-50-7	4-Chloro-3-methylphenol	10.5	U	1.20	10.5	ug/L
91-57-6	2-Methylnaphthalene	11.2		1.20	10.5	ug/L
77-47-4	Hexachlorocyclopentadiene	21.1	U	7.60	21.1	ug/L
88-06-2	2,4,6-Trichlorophenol	10.5	U	1.10	10.5	ug/L
95-95-4	2,4,5-Trichlorophenol	10.5	U	1.30	10.5	ug/L
92-52-4	1,1-Biphenyl	10.5	U	1.10	10.5	ug/L
91-58-7	2-Chloronaphthalene	10.5	U	1.30	10.5	ug/L
88-74-4	2-Nitroaniline	10.5	U	2.70	10.5	ug/L
131-11-3	Dimethylphthalate	10.5	U	1.30	10.5	ug/L

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Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-18A-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-11	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
BP025549.D	2	08/21/25 08:50	08/22/25 14:54	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	10.5	U	1.60	10.5	ug/L
606-20-2	2,6-Dinitrotoluene	10.5	U	1.90	10.5	ug/L
99-09-2	3-Nitroaniline	10.5	U	2.20	10.5	ug/L
83-32-9	Acenaphthene	4.90	J	1.20	10.5	ug/L
51-28-5	2,4-Dinitrophenol	21.1	U	12.6	21.1	ug/L
100-02-7	4-Nitrophenol	21.1	U	5.00	21.1	ug/L
132-64-9	Dibenzofuran	10.5	U	1.30	10.5	ug/L
121-14-2	2,4-Dinitrotoluene	10.5	U	2.60	10.5	ug/L
84-66-2	Diethylphthalate	10.5	U	1.50	10.5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	10.5	U	1.40	10.5	ug/L
86-73-7	Fluorene	10.5	U	1.30	10.5	ug/L
100-01-6	4-Nitroaniline	10.5	U	3.20	10.5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	21.1	U	6.10	21.1	ug/L
86-30-6	n-Nitrosodiphenylamine	10.5	U	1.20	10.5	ug/L
101-55-3	4-Bromophenyl-phenylether	10.5	U	0.84	10.5	ug/L
118-74-1	Hexachlorobenzene	10.5	U	1.10	10.5	ug/L
1912-24-9	Atrazine	10.5	U	2.10	10.5	ug/L
87-86-5	Pentachlorophenol	21.1	U	3.30	21.1	ug/L
85-01-8	Phenanthrene	10.5	U	1.10	10.5	ug/L
120-12-7	Anthracene	10.5	U	1.30	10.5	ug/L
86-74-8	Carbazole	7.10	J	1.50	10.5	ug/L
84-74-2	Di-n-butylphthalate	10.5	UQ	2.60	10.5	ug/L
206-44-0	Fluoranthene	10.5	U	1.70	10.5	ug/L
129-00-0	Pyrene	10.5	U	1.10	10.5	ug/L
85-68-7	Butylbenzylphthalate	10.5	UQ	4.10	10.5	ug/L
91-94-1	3,3-Dichlorobenzidine	21.1	U	2.00	21.1	ug/L
56-55-3	Benzo(a)anthracene	10.5	U	0.95	10.5	ug/L
218-01-9	Chrysene	10.5	U	0.93	10.5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	10.5	U	3.40	10.5	ug/L
117-84-0	Di-n-octyl phthalate	21.1	U	4.90	21.1	ug/L
205-99-2	Benzo(b)fluoranthene	10.5	U	1.00	10.5	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-18A-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-11	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
BP025549.D	2	08/21/25 08:50	08/22/25 14:54	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	10.5	U	1.00	10.5	ug/L
50-32-8	Benzo(a)pyrene	10.5	U	1.20	10.5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.5	U	1.20	10.5	ug/L
53-70-3	Dibenzo(a,h)anthracene	10.5	U	1.40	10.5	ug/L
191-24-2	Benzo(g,h,i)perylene	10.5	U	1.50	10.5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.5	U	1.10	10.5	ug/L
123-91-1	1,4-Dioxane	10.5	U	2.10	10.5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10.5	U	1.50	10.5	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	70.4		23 - 138	47%	SPK: 150
13127-88-3	Phenol-d6	43.1		10 - 134	29%	SPK: 150
4165-60-0	Nitrobenzene-d5	88.9		67 - 132	89%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.5		52 - 132	83%	SPK: 100
118-79-6	2,4,6-Tribromophenol	141		44 - 137	94%	SPK: 150
1718-51-0	Terphenyl-d14	84.7		42 - 152	85%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	143000	7.778			
1146-65-2	Naphthalene-d8	579000	10.548			
15067-26-2	Acenaphthene-d10	367000	14.389			
1517-22-2	Phenanthrene-d10	749000	17.189			
1719-03-5	Chrysene-d12	830000	21.648			
1520-96-3	Perylene-d12	979000	25.007			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J		3.03	ug/L
000503-74-2	Butanoic acid, 3-methyl-	6.70	J		4.71	ug/L
1000374-31-3	.alpha.-Hydroxyisobutyric acid, ac	5.10	J		4.94	ug/L
000108-38-3	Benzene, 1,3-dimethyl-	6.20	J		5.83	ug/L
000637-50-3	Benzene, 1-propenyl-	5.30	J		8.15	ug/L
000766-82-5	3-Methylphenylacetylene	5.90	J		8.31	ug/L
001195-79-5	Fenchone	4.80	J		9.01	ug/L

Raw Data: **BP025549.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-18A-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-11	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
BP025549.D	2	08/21/25 08:50	08/22/25 14:54	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000149-57-5	Hexanoic acid, 2-ethyl-	5.10	J		9.06	ug/L
000464-49-3	(+)-2-Bornanone	14.5	J		9.97	ug/L
90-12-0	1-Methylnaphthalene	11.8	J		12.4	ug/L
000057-10-3	n-Hexadecanoic acid	14.2	J		18.1	ug/L
002416-19-5	cis-7-Hexadecenoic acid	9.70	J		19.3	ug/L
000057-11-4	Octadecanoic acid	5.00	J		19.5	ug/L
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	16.5	J		19.7	ug/L
	unknown20.566	4.80	J		20.6	ug/L
	unknown21.071	12.9	J		21.1	ug/L
005835-26-7	Isopimaric acid	6.50	J		21.1	ug/L
001740-19-8	Dehydroabietic acid	74.7	J		21.3	ug/L
000092-26-2	3,6-Acridinediamine, 2,7-dimethyl-	8.20	J		21.7	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\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

Quant Time: Aug 22 15:16:39 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

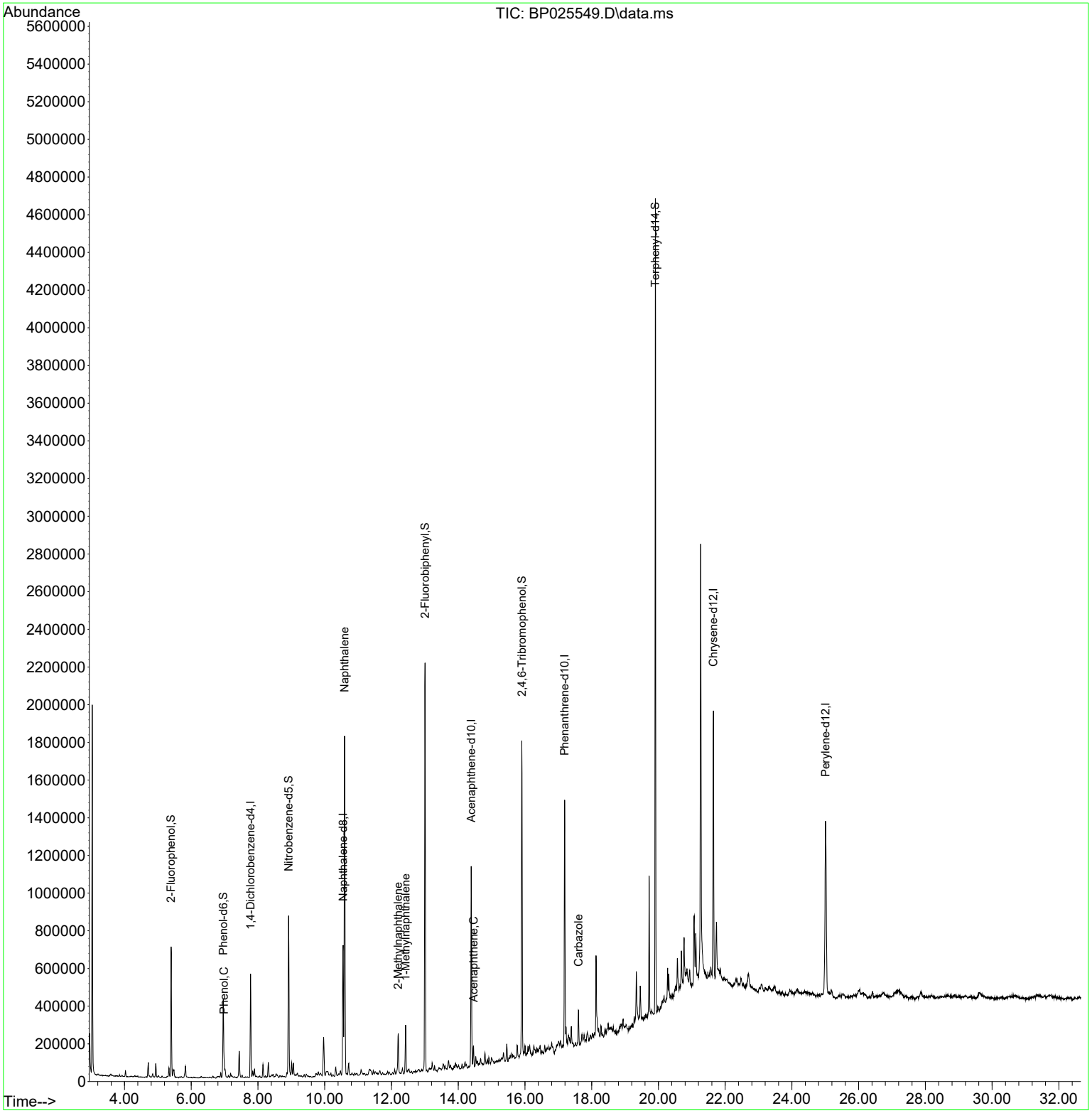
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	142633	20.000	ng	-0.02
21) Naphthalene-d8	10.548	136	578856	20.000	ng	-0.01
39) Acenaphthene-d10	14.389	164	367275	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	749496	20.000	ng	#-0.01
76) Chrysene-d12	21.648	240	830183	20.000	ng	0.00
86) Perylene-d12	25.007	264	978534	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	302348	35.203	ng	-0.01
7) Phenol-d6	6.960	99	237198	21.541	ng	0.00
23) Nitrobenzene-d5	8.919	82	508858	44.468	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	349746	70.748	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	1109052	41.269	ng	-0.01
79) Terphenyl-d14	19.907	244	1921425	42.345	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.984	94	37983	3.287	ng	95
31) Naphthalene	10.596	128	1435010	47.696	ng	99
37) 2-Methylnaphthalene	12.201	142	103844	5.304	ng	99
38) 1-Methylnaphthalene	12.425	142	116551	5.598	ng	97
52) Acenaphthene	14.460	154	47393	2.350	ng	96
73) Carbazole	17.607	167	132943	3.357	ng	97

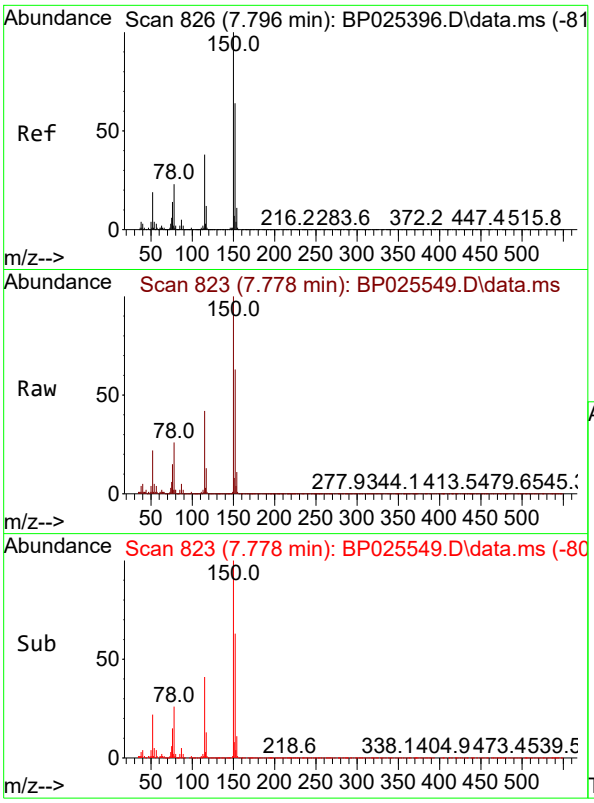
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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

Quant Time: Aug 22 15:16:39 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



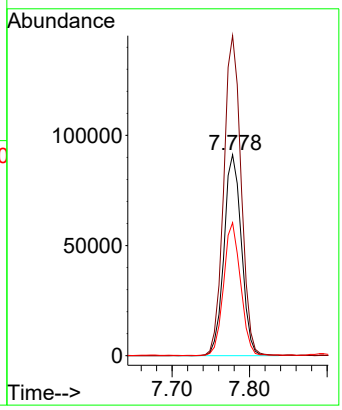


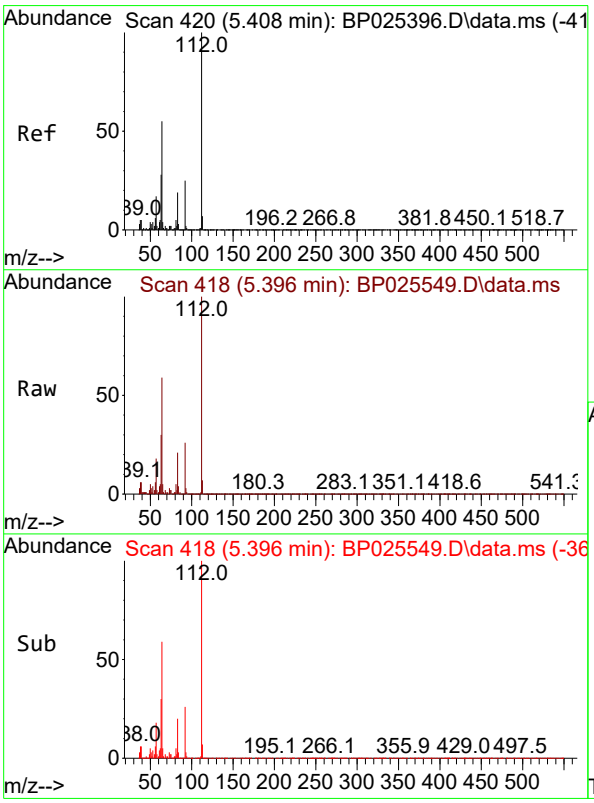
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

Tgt Ion:152 Resp: 142633

Ion	Ratio	Lower	Upper
152	100		
150	159.2	125.9	188.9
115	66.2	48.5	72.7

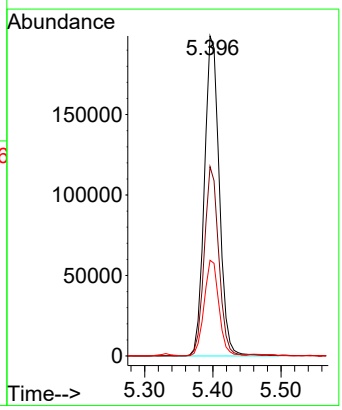


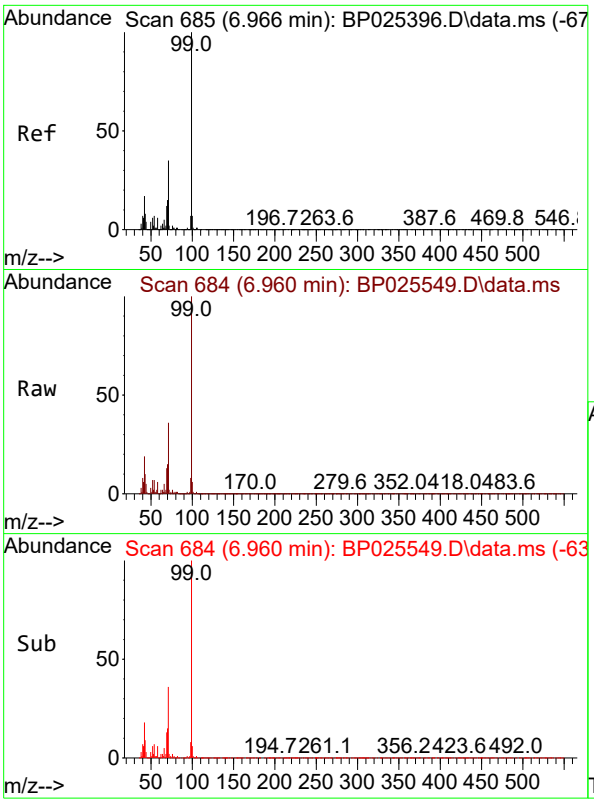


#5
2-Fluorophenol
Concen: 35.203 ng
RT: 5.396 min Scan# 418
Delta R.T. -0.012 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Tgt Ion:112 Resp: 302348

Ion	Ratio	Lower	Upper
112	100		
64	59.2	43.8	65.8
63	29.9	22.7	34.1



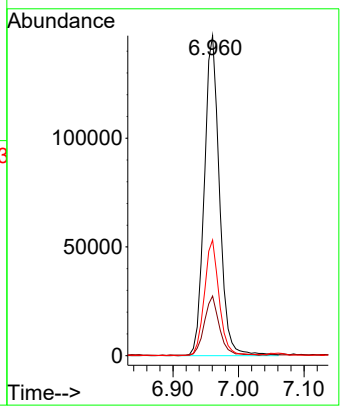


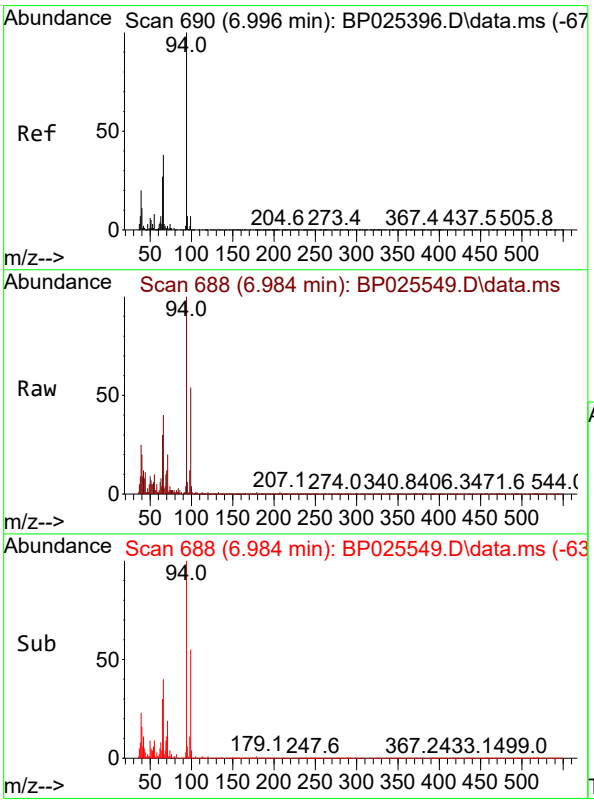
#7
Phenol-d6
Concen: 21.541 ng
RT: 6.960 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

Tgt Ion: 99 Resp: 237198

Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.7	20.5
71	36.1	28.2	42.4

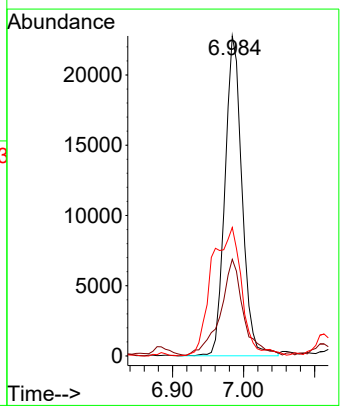


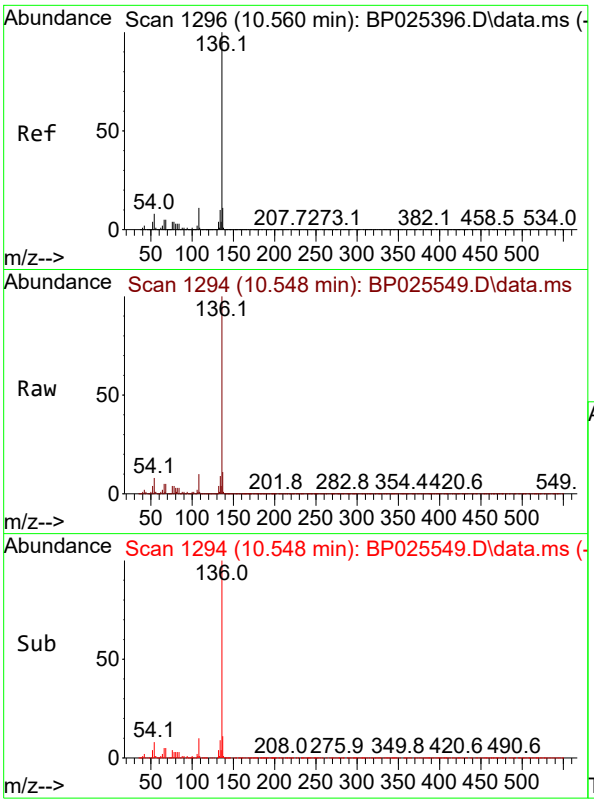


#10
Phenol
Concen: 3.287 ng
RT: 6.984 min Scan# 688
Delta R.T. -0.012 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Tgt Ion: 94 Resp: 37983

Ion	Ratio	Lower	Upper
94	100		
65	30.2	6.8	46.8
66	40.2	18.2	58.2



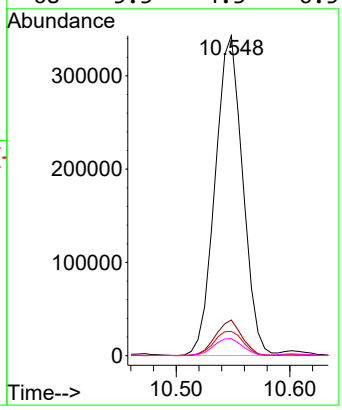


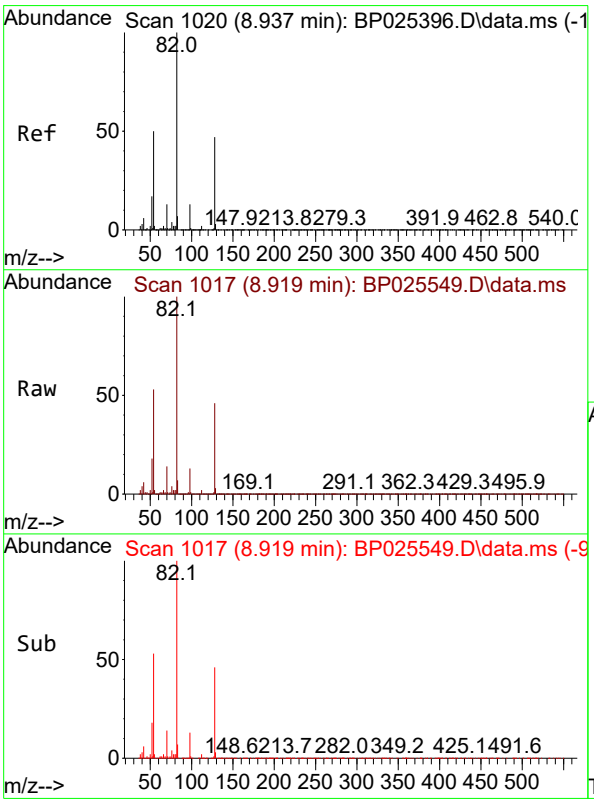
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.548 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

Tgt Ion:136 Resp: 578856

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	7.6	6.0	9.0
68	5.3	4.3	6.5

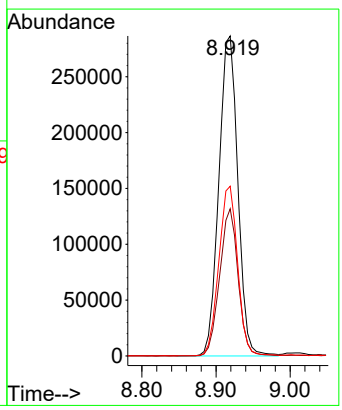


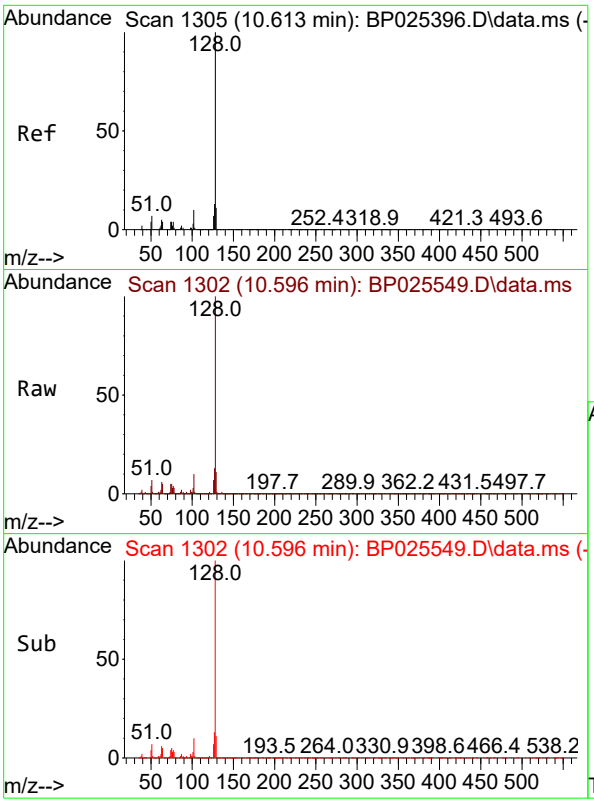


#23
Nitrobenzene-d5
Concen: 44.468 ng
RT: 8.919 min Scan# 1017
Delta R.T. -0.018 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Tgt Ion: 82 Resp: 508858

Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.7	56.5
54	53.0	39.8	59.6



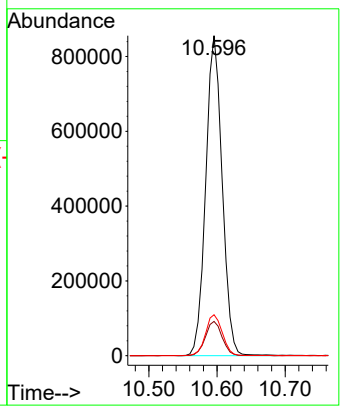


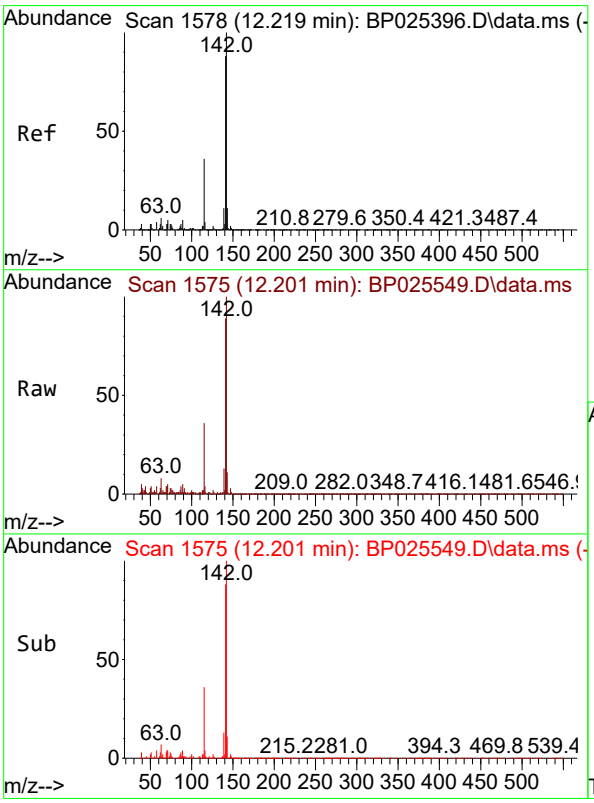
#31
Naphthalene
Concen: 47.696 ng
RT: 10.596 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

Tgt Ion:128 Resp: 1435010

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	12.8	10.7	16.1

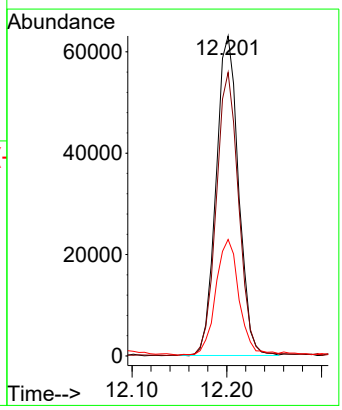


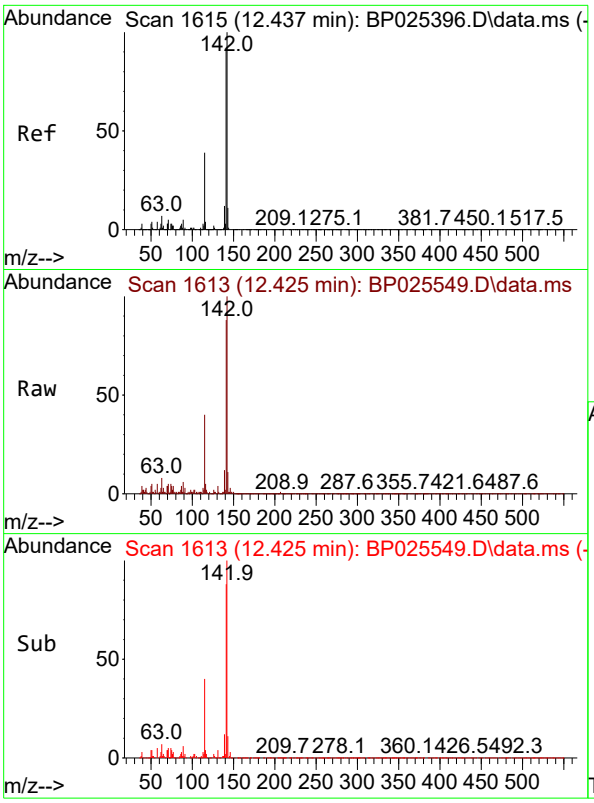


#37
2-Methylnaphthalene
Concen: 5.304 ng
RT: 12.201 min Scan# 1575
Delta R.T. -0.018 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Tgt Ion:142 Resp: 103844

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.3	105.5
115	36.4	28.9	43.3



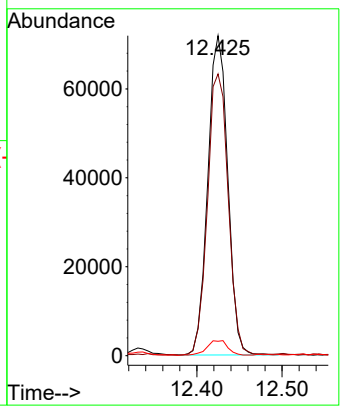


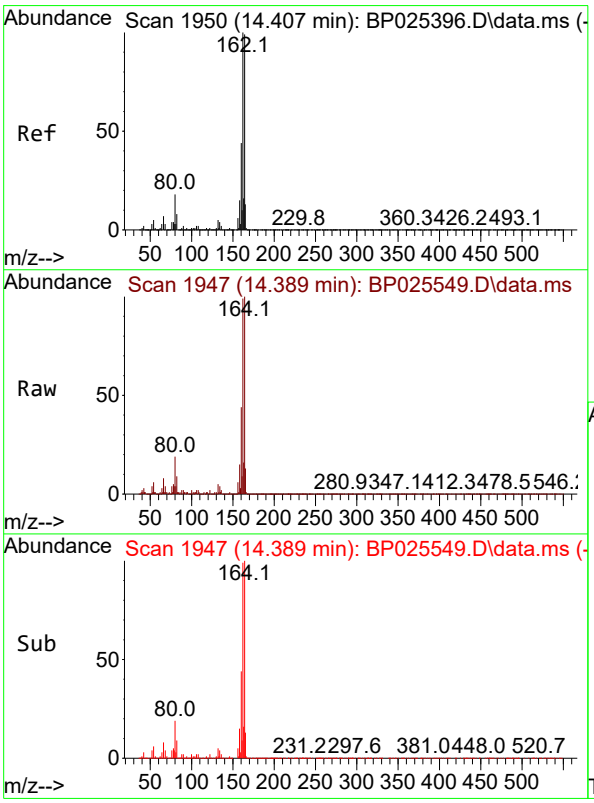
#38
1-Methylnaphthalene
Concen: 5.598 ng
RT: 12.425 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

Tgt Ion:142 Resp: 116551

Ion	Ratio	Lower	Upper
142	100		
141	88.1	73.1	109.7
116	4.5	3.2	4.8

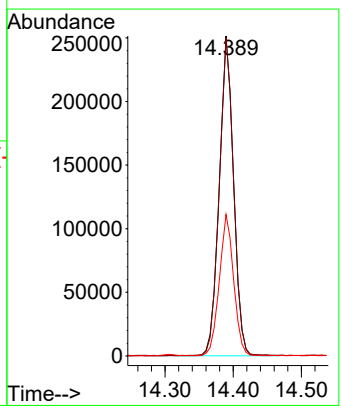


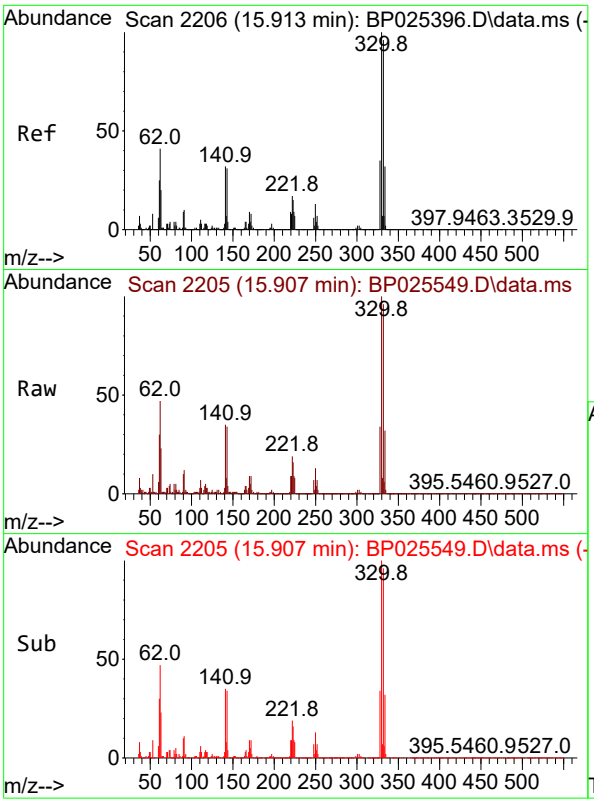


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Tgt Ion:164 Resp: 367275

Ion	Ratio	Lower	Upper
164	100		
162	99.4	81.0	121.6
160	44.2	35.4	53.2



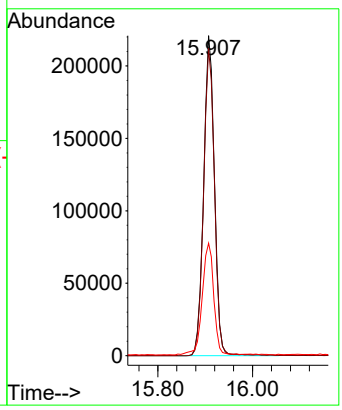


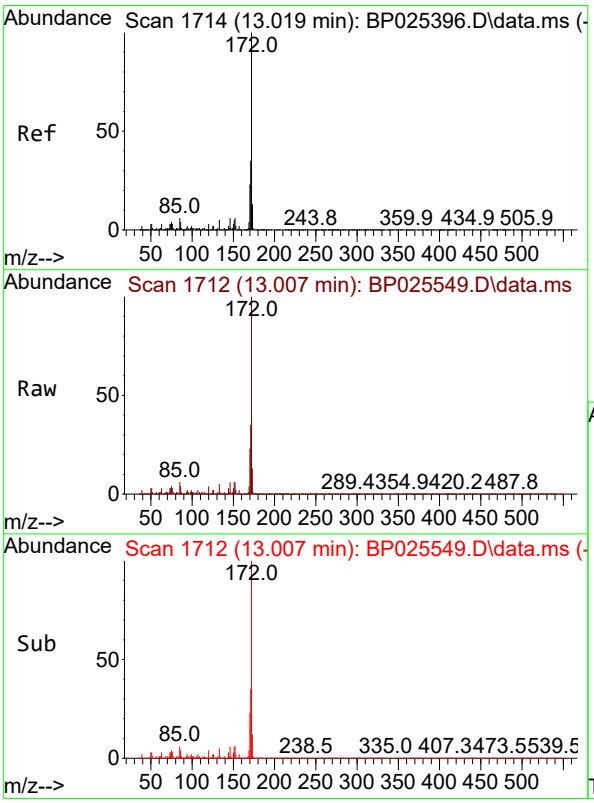
#42
2,4,6-Tribromophenol
Concen: 70.748 ng
RT: 15.907 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

Tgt Ion:330 Resp: 349746

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	37.0	26.6	39.8

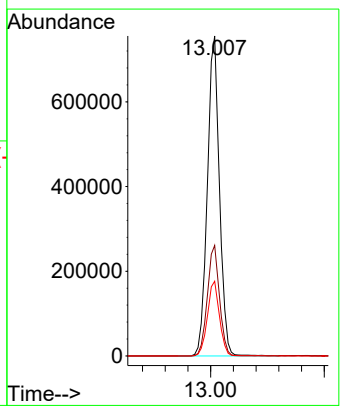


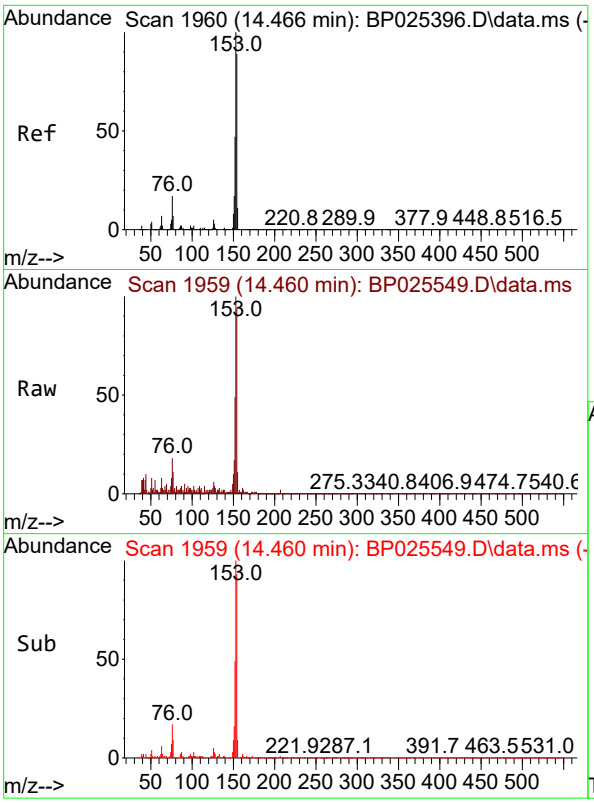


#45
2-Fluorobiphenyl
Concen: 41.269 ng
RT: 13.007 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Tgt Ion:172 Resp: 1109052

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.1	42.1
170	23.4	18.6	28.0



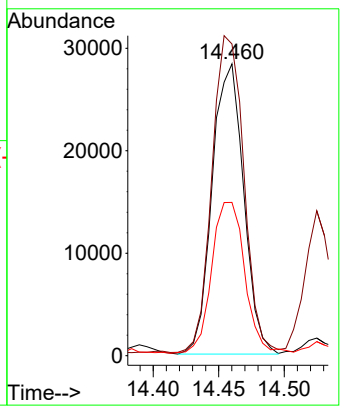


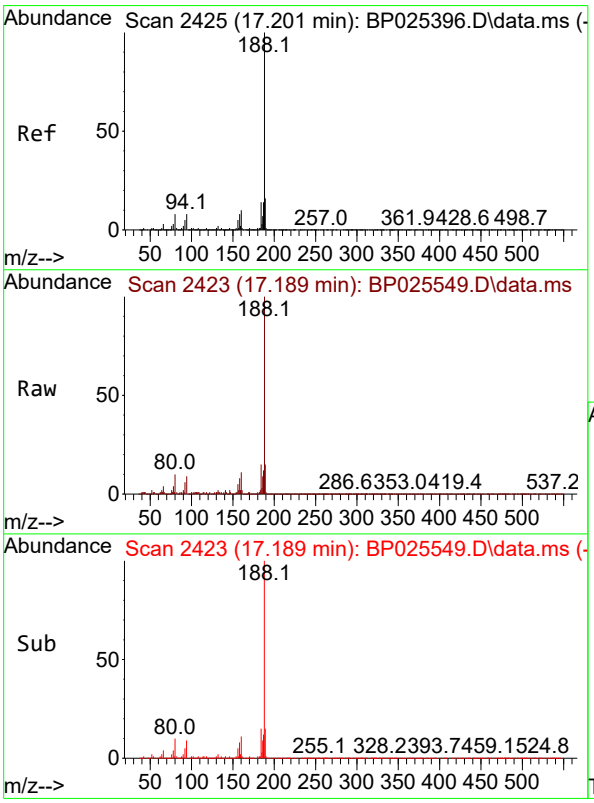
#52
Acenaphthene
Concen: 2.350 ng
RT: 14.460 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

Tgt Ion:154 Resp: 47393

Ion	Ratio	Lower	Upper
154	100		
153	106.8	90.2	135.2
152	52.5	42.1	63.1

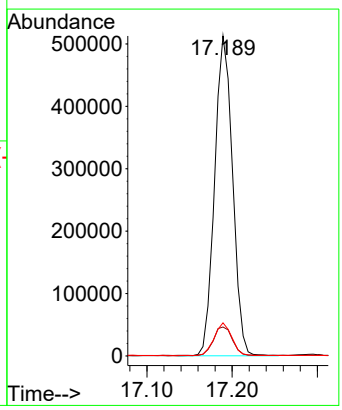


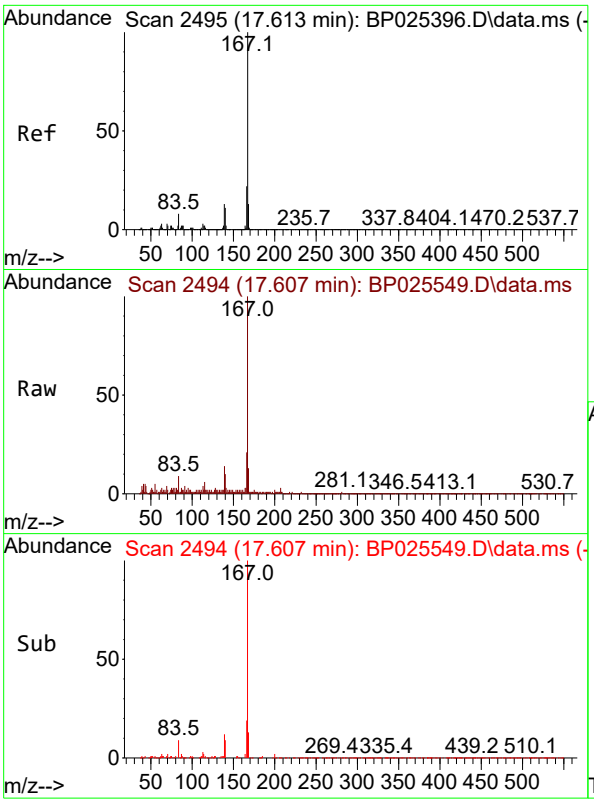


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Tgt Ion:188 Resp: 749496

Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.6	10.0
80	10.4	6.7	10.1#



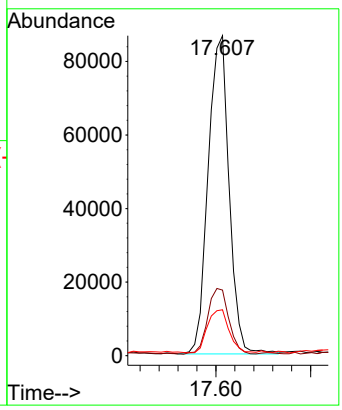


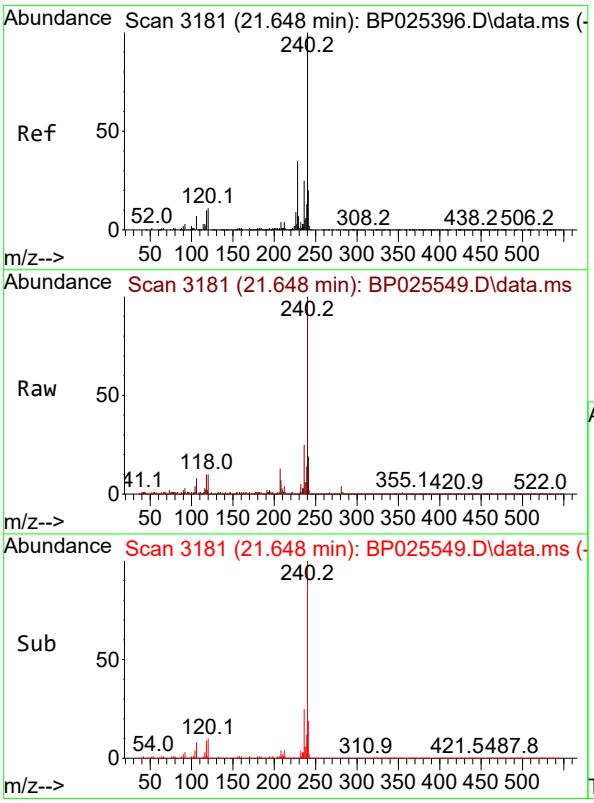
#73
Carbazole
Concen: 3.357 ng
RT: 17.607 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

Tgt Ion:167 Resp: 132943

Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.5	26.3
139	14.3	10.6	16.0

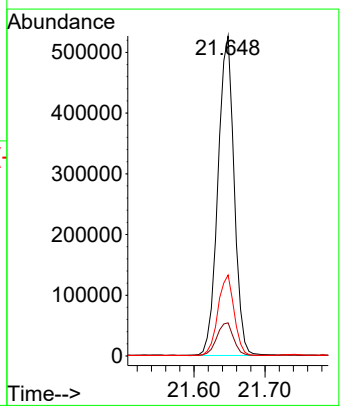


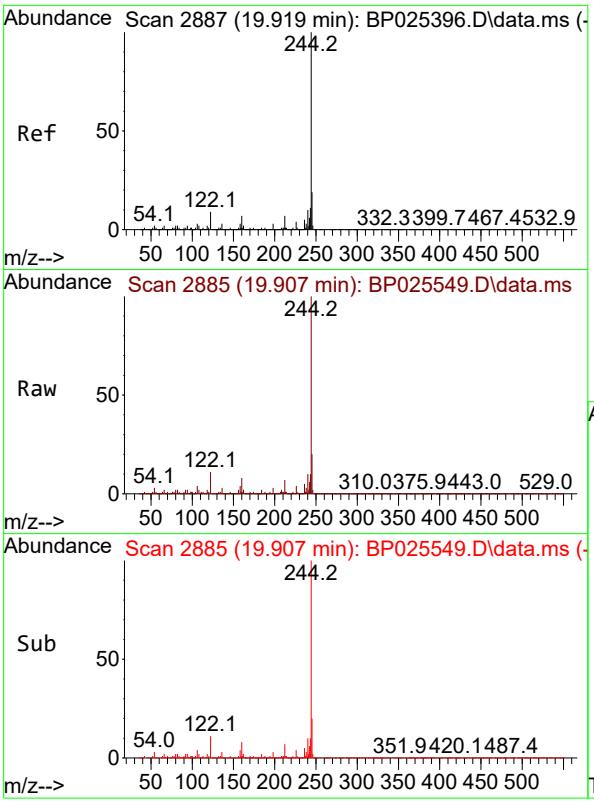


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Tgt Ion:240 Resp: 830183

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.9	13.3
236	25.3	19.8	29.8



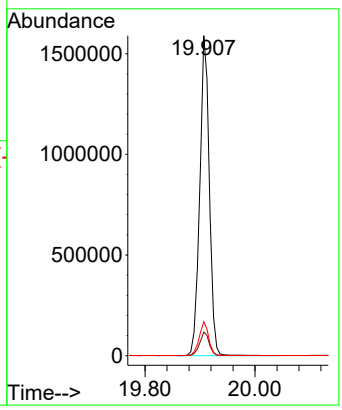


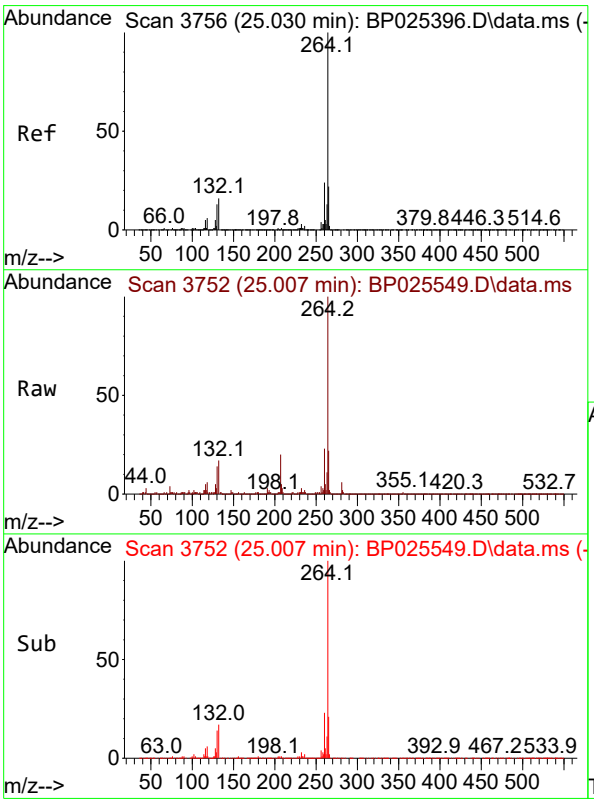
#79
Terphenyl-d14
Concen: 42.345 ng
RT: 19.907 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

Tgt Ion:244 Resp: 1921425

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

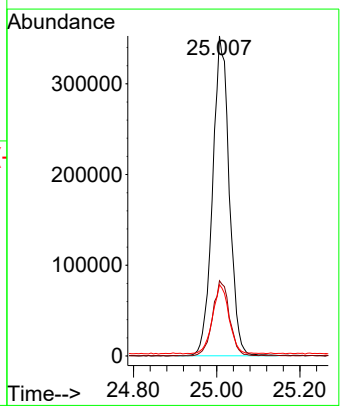




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.007 min Scan# 3752
Delta R.T. -0.024 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Tgt Ion:264 Resp: 978534

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.3	28.9
265	22.3	17.4	26.0



Sample Results: **BP025549.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

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: BP025549.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	34	rVB	1962496	2455469	47.28%	5.609%
2	4.713	295	302	311	rBV	79153	137003	2.64%	0.313%
3	4.937	334	340	347	rVB2	72040	104673	2.02%	0.239%
4	5.331	402	407	412	rBV	45740	60309	1.16%	0.138%
5	5.396	412	418	425	rBV	689304	1024213	19.72%	2.339%
6	5.461	425	429	432	rBV	32384	53698	1.03%	0.123%
7	5.825	479	491	498	rBV3	61434	127121	2.45%	0.290%
8	6.960	675	684	691	rBV2	414599	793773	15.29%	1.813%
9	7.437	752	765	775	rBV2	141751	256543	4.94%	0.586%
10	7.778	816	823	829	rBV	551743	859324	16.55%	1.963%
11	7.896	838	843	850	rVB3	39146	63814	1.23%	0.146%
12	8.149	881	886	892	rBV2	69075	108200	2.08%	0.247%
13	8.307	908	913	919	rBV	76705	121278	2.34%	0.277%
14	8.919	1010	1017	1027	rVB	843881	1478197	28.47%	3.376%
15	9.007	1027	1032	1036	rVV	66585	97043	1.87%	0.222%
16	9.060	1036	1041	1047	rVB	65837	104382	2.01%	0.238%
17	9.966	1187	1195	1203	rBV3	204442	406994	7.84%	0.930%
18	10.331	1251	1257	1263	rBV	48152	95252	1.83%	0.218%
19	10.548	1286	1294	1297	rBV	689886	1180963	22.74%	2.698%
20	10.596	1297	1302	1310	rVB	1794568	3025670	58.26%	6.911%
21	10.719	1317	1323	1331	rVB	61075	112841	2.17%	0.258%
22	11.343	1421	1429	1434	rBV7	29393	93563	1.80%	0.214%
23	11.654	1475	1482	1489	rVB10	21455	56394	1.09%	0.129%
24	12.201	1563	1575	1584	rBV	215694	406606	7.83%	0.929%
25	12.331	1590	1597	1603	rVB4	31102	66792	1.29%	0.153%
26	12.425	1605	1613	1621	rBV	257496	452721	8.72%	1.034%
27	13.007	1701	1712	1718	rVB	2165084	3199112	61.60%	7.307%
28	13.219	1744	1748	1757	rVB4	39944	74965	1.44%	0.171%
29	13.713	1824	1832	1838	rBV4	44576	104483	2.01%	0.239%
30	14.389	1940	1947	1954	rBV	1061770	1573014	30.29%	3.593%
31	14.460	1954	1959	1964	rVB	109674	192482	3.71%	0.440%
32	14.525	1967	1970	1975	rBV2	46632	71056	1.37%	0.162%
33	14.672	1991	1995	2004	rVB9	31055	59142	1.14%	0.135%
34	14.801	2012	2017	2023	rVB	59875	107626	2.07%	0.246%
35	14.995	2048	2050	2063	rVB	30916	90117	1.74%	0.206%
36	15.354	2109	2111	2120	rVB7	46116	73973	1.42%	0.169%

Sample Results: **BP025549.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

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	15.454	2124	2128	2134	rVB2	94057	153460	2.96%	0.351%
38	15.766	2177	2181	2186	rBV	58775	90037	1.73%	0.206%
39	15.907	2199	2205	2213	rVB	1661823	2675971	51.53%	6.112%
40	16.266	2263	2266	2271	rBV	38595	67620	1.30%	0.154%
41	17.189	2417	2423	2428	rBV2	1304580	1991328	38.35%	4.549%
42	17.230	2428	2430	2434	rVB	85328	98073	1.89%	0.224%
43	17.389	2454	2457	2462	rVB2	91547	113815	2.19%	0.260%
44	17.601	2489	2493	2499	rVB	186798	284384	5.48%	0.650%
45	18.130	2579	2583	2593	rBV2	413632	672289	12.95%	1.536%
46	19.336	2784	2788	2799	rVB2	253982	457276	8.81%	1.044%
47	19.454	2805	2808	2815	rVB3	178195	270798	5.21%	0.619%
48	19.719	2849	2853	2862	rVB	730786	898607	17.30%	2.053%
49	19.907	2880	2885	2891	rBV	4324146	5192968	100.00%	11.862%
50	20.277	2945	2948	2951	rBV2	141669	169689	3.27%	0.388%
51	20.307	2951	2953	2960	rVB3	127382	169268	3.26%	0.387%
52	20.566	2995	2997	3006	rVB8	170385	263150	5.07%	0.601%
53	20.689	3015	3018	3024	rVB5	169390	210980	4.06%	0.482%
54	20.766	3028	3031	3038	rBV3	234827	402200	7.75%	0.919%
55	21.071	3078	3083	3088	rBV3	349500	702553	13.53%	1.605%
56	21.118	3088	3091	3099	rVB5	229571	356443	6.86%	0.814%
57	21.266	3111	3116	3137	rVB	2279439	4065602	78.29%	9.286%
58	21.648	3175	3181	3189	rVB	1425469	2291638	44.13%	5.234%
59	21.736	3192	3196	3202	rVV	257490	446293	8.59%	1.019%
60	25.007	3745	3752	3764	rVB	911560	2446503	47.11%	5.588%

Sum of corrected areas: 43779751

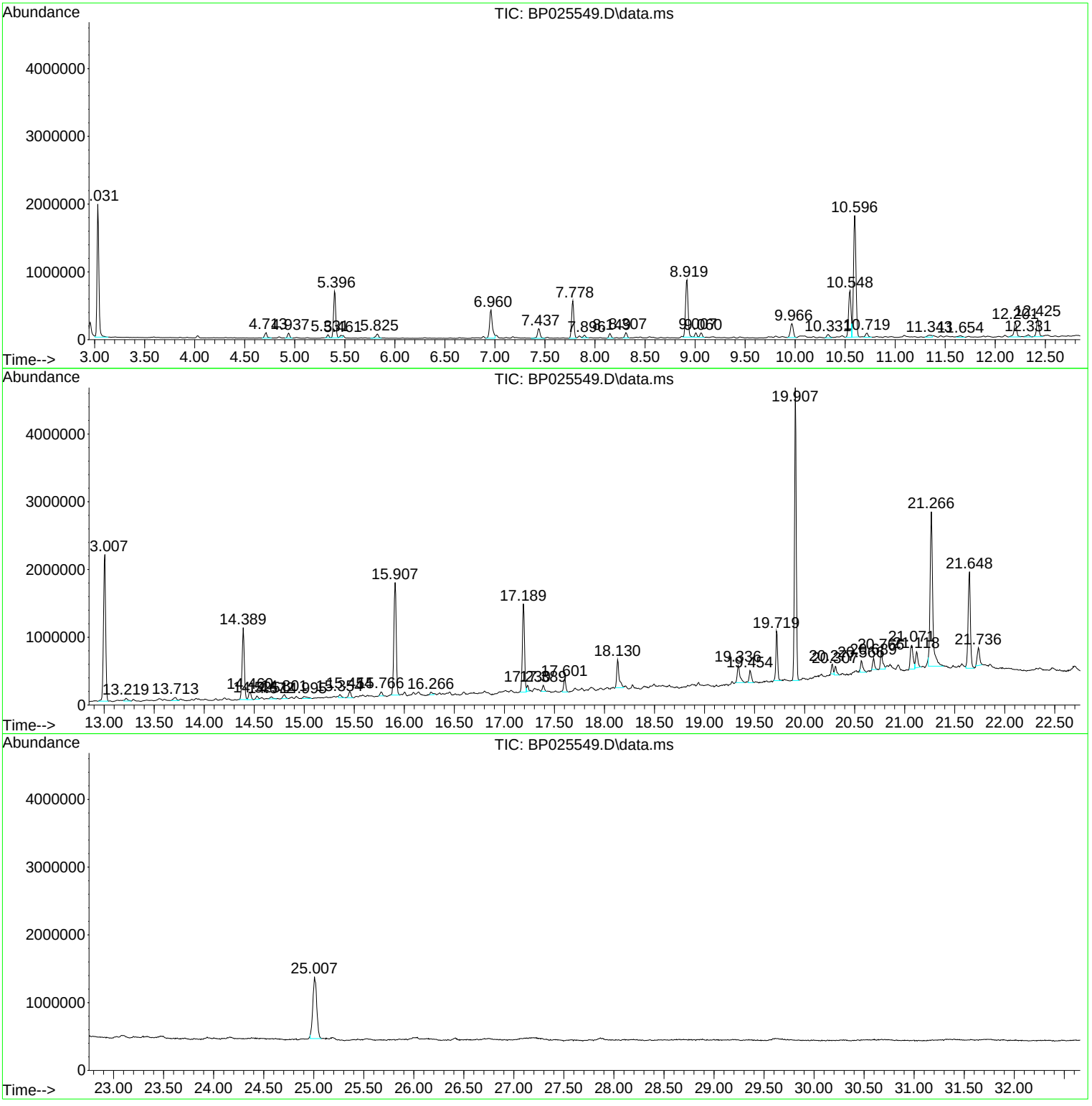
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Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

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\BP082225\
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Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-18A-081925

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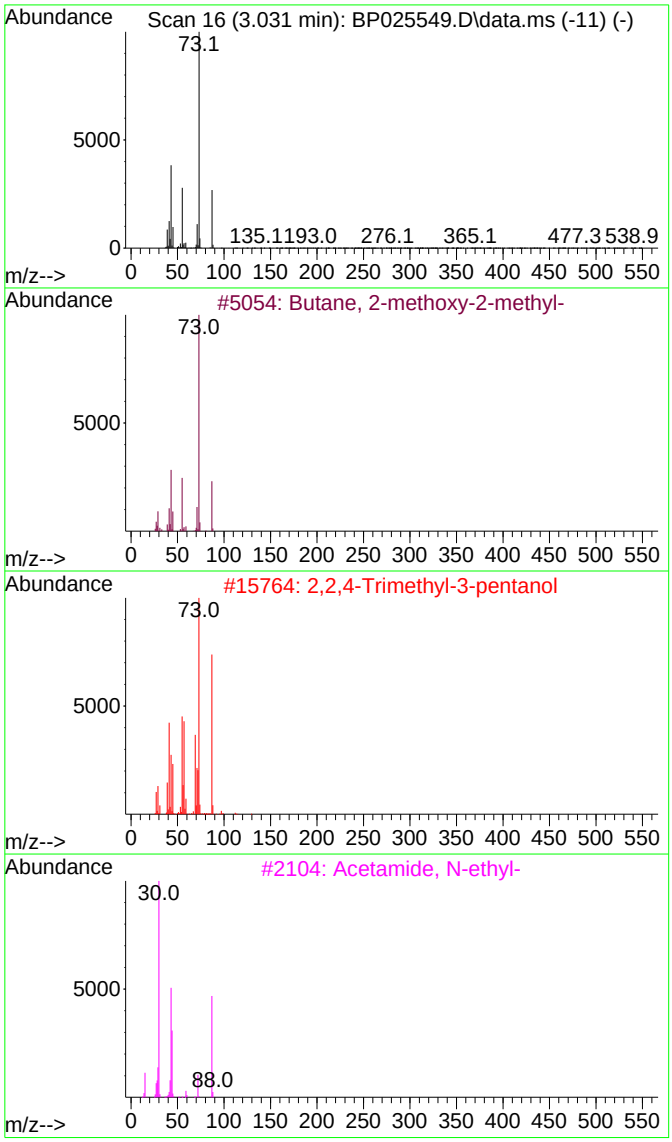
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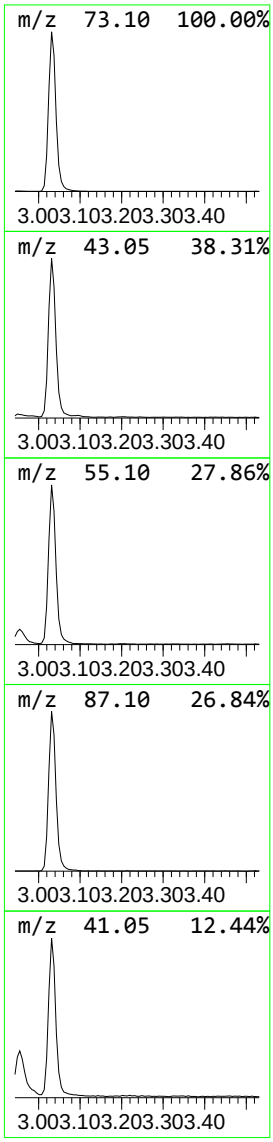
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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.031	57.15 ng	2455470	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	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
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Misc :
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Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

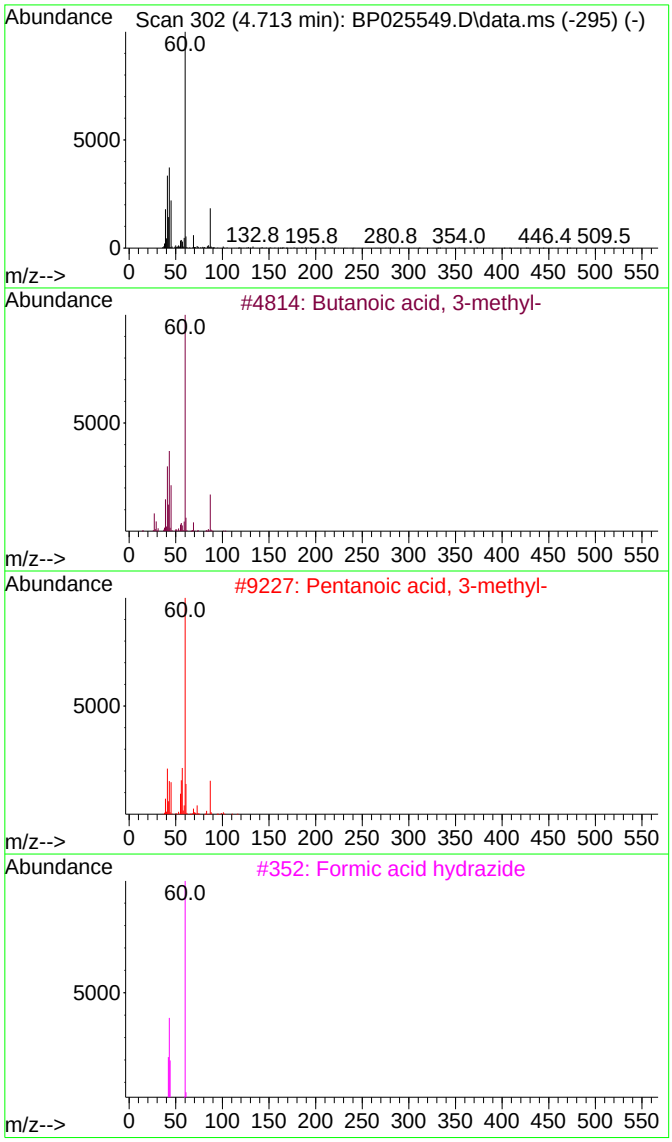
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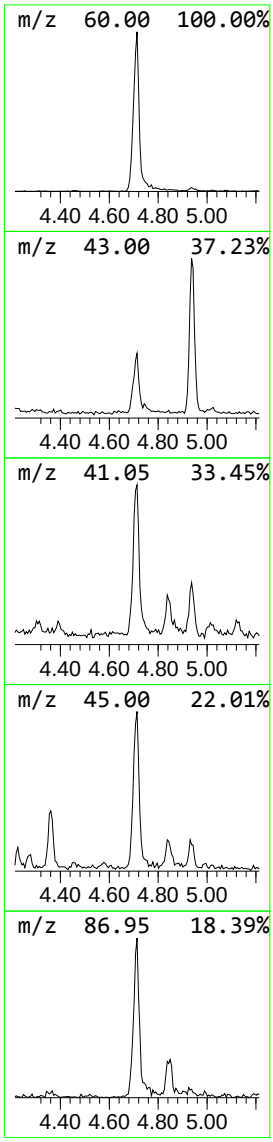
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Peak Number 2 Butanoic acid, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.713	3.19 ng	137003	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	90
2	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	56
3	Formic acid hydrazide	60	CH4N2O	000624-84-0	50
4	Octanoic acid	144	C8H16O2	000124-07-2	40
5	N-Carbomethoxy-N-methoxymethylamine	119	C4H9NO3	153654-07-0	39





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
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Operator : CG/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-18A-081925

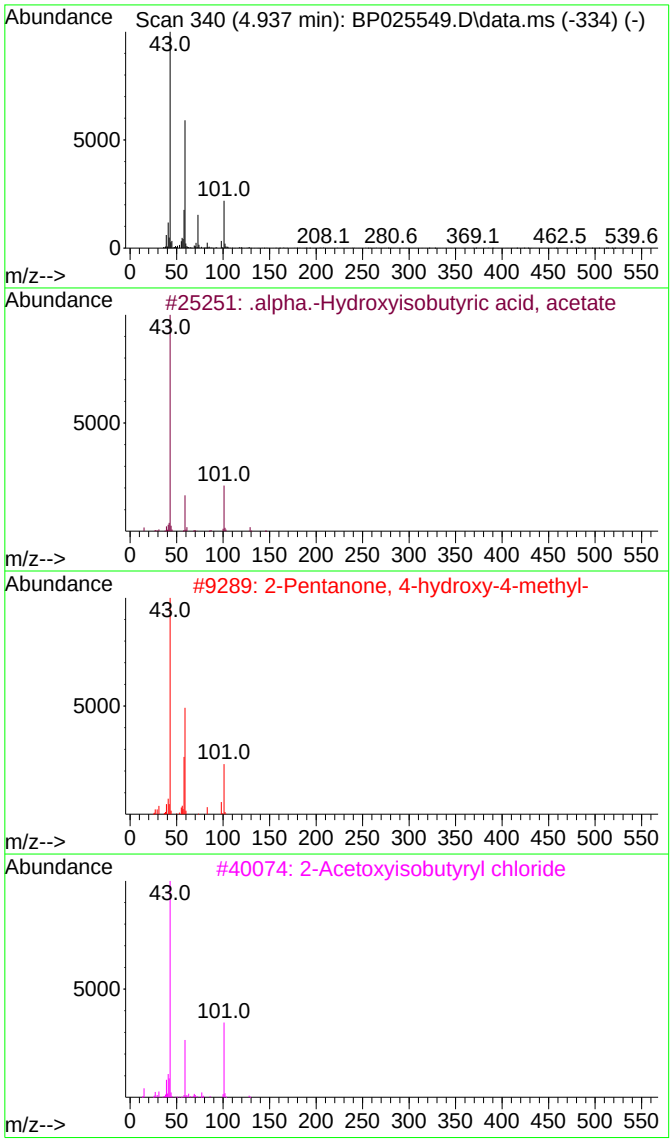
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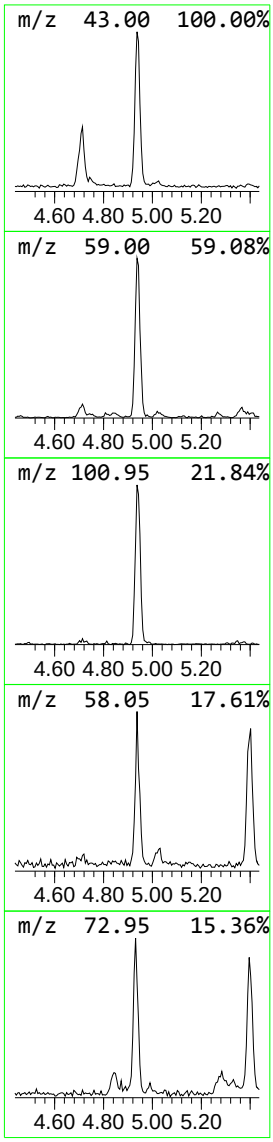
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Peak Number 3 .alpha.-Hydroxyisobutyric a... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.937	2.44 ng	104673	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Hydroxyisobutyric acid, ...	146	C6H10O4	1000374-31-3	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3	2-Acetoxyisobutyryl chloride	164	C6H9ClO3	040635-66-3	42
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	33
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

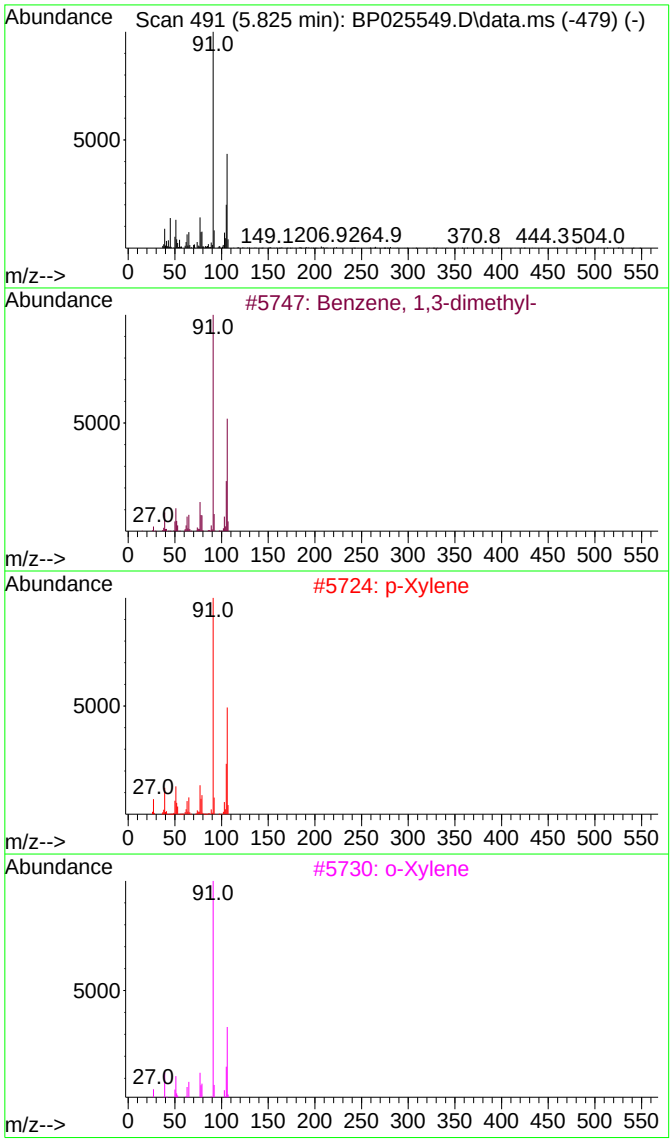
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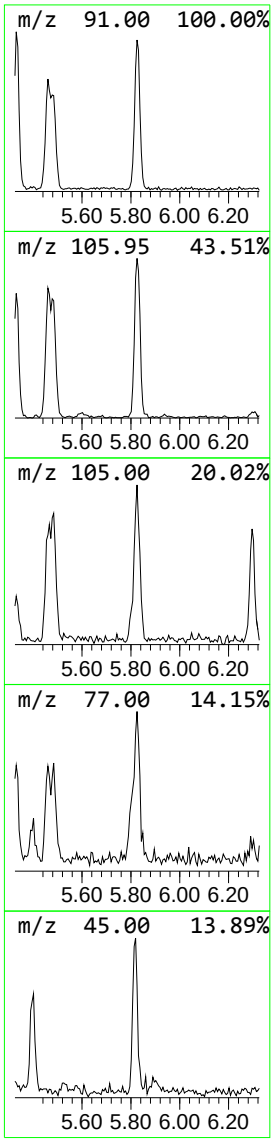
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Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.825	2.96 ng	127121	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
2	p-Xylene	106	C8H10	000106-42-3	94
3	o-Xylene	106	C8H10	000095-47-6	93
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	80
5	Ethylbenzene	106	C8H10	000100-41-4	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
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Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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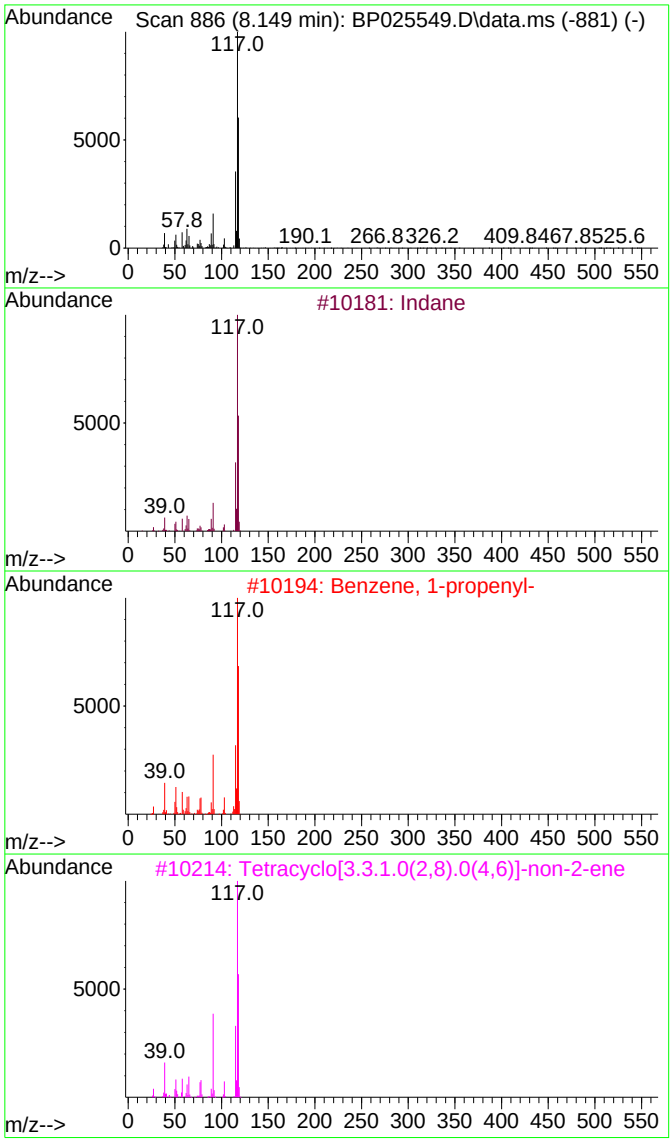
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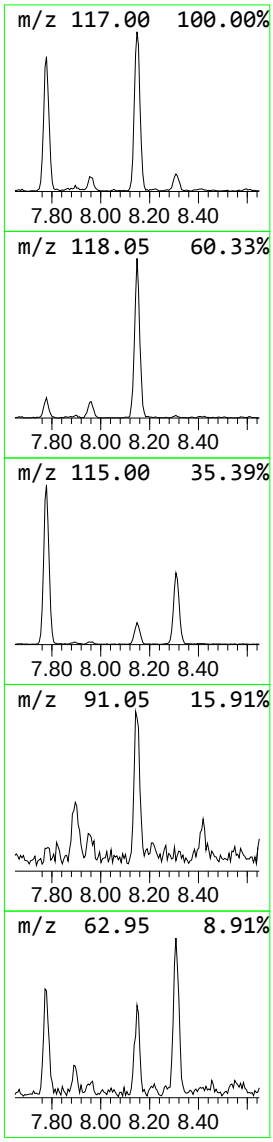
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Peak Number 6 Benzene, 1-propenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.149	2.52 ng	108200	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	81
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	68
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
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Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

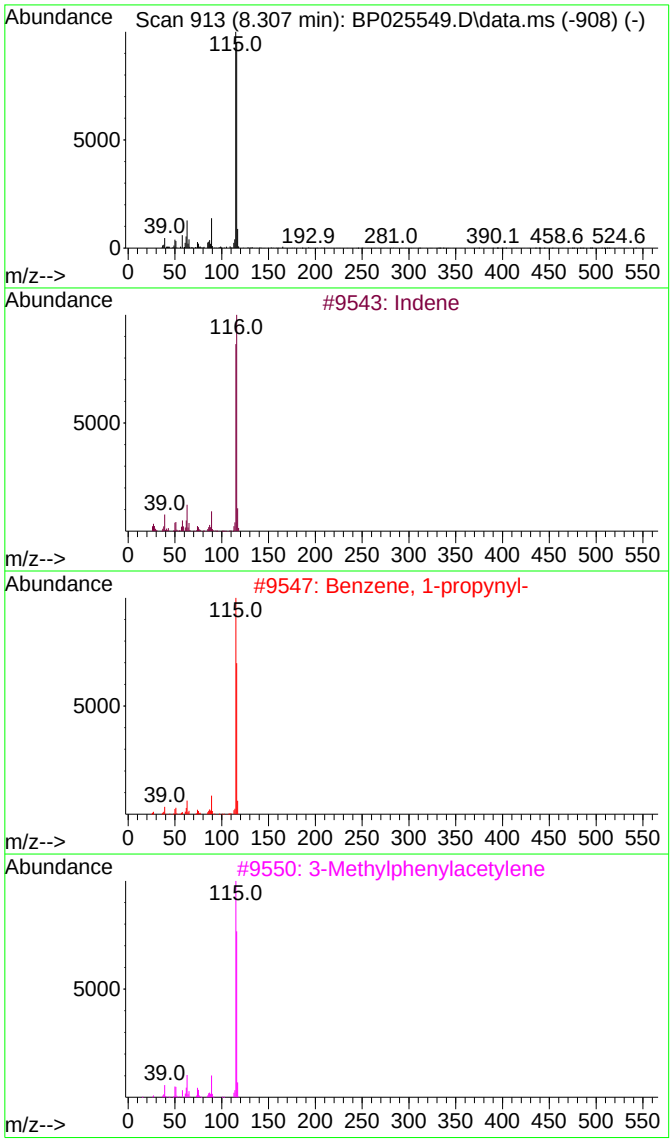
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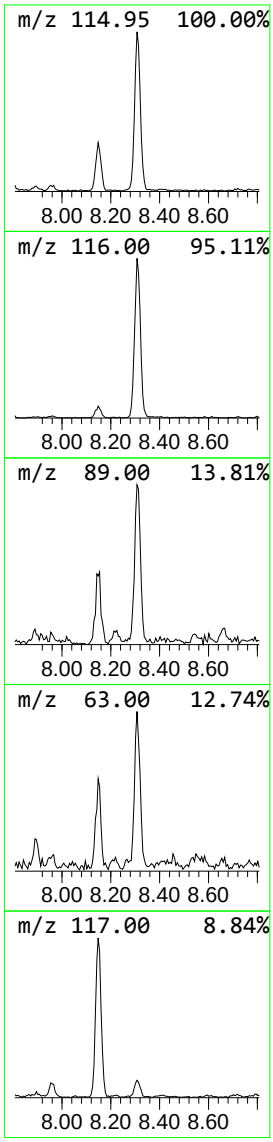
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Peak Number 7 3-Methylphenylacetylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.307	2.82 ng	121278	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
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Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

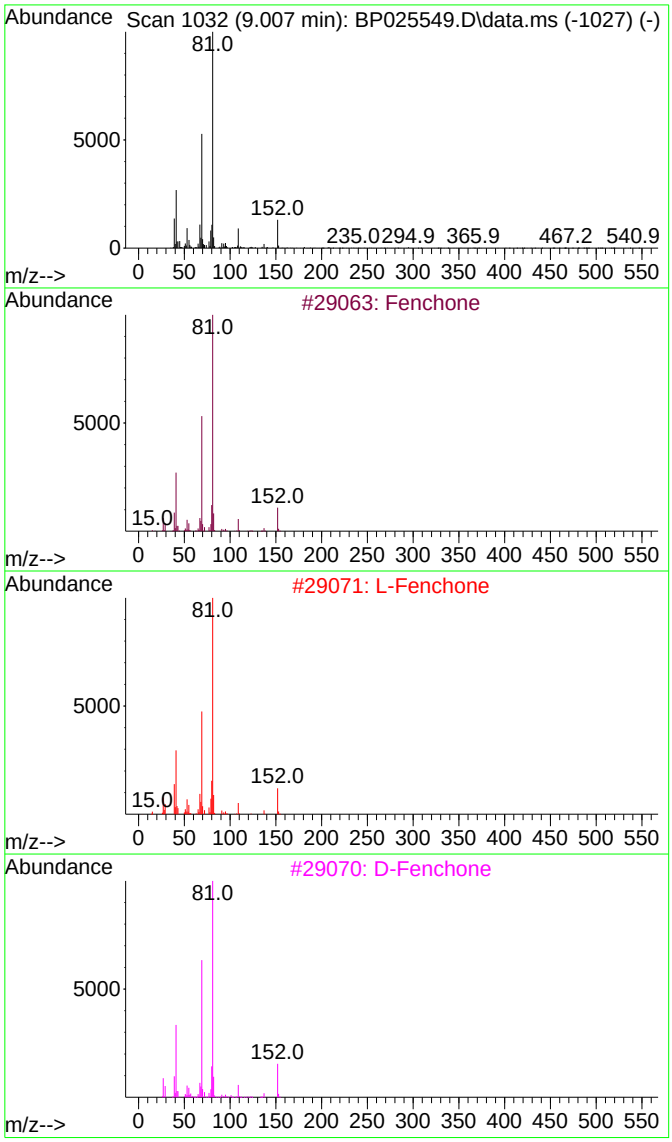
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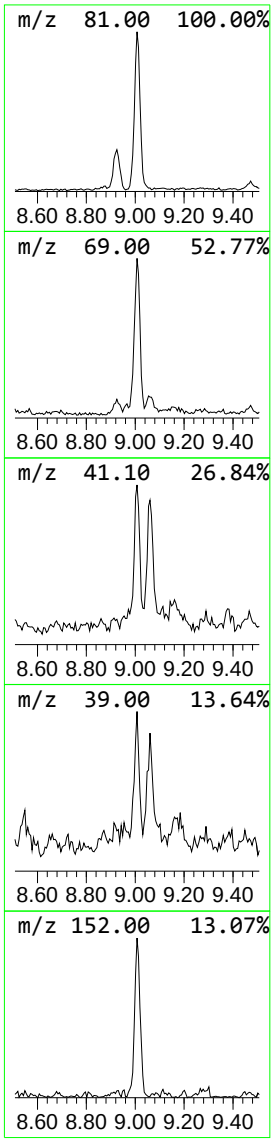
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Peak Number 8 Fenchone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.007	2.26 ng	97043	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenchone	152	C10H16O	001195-79-5	91
2	L-Fenchone	152	C10H16O	007787-20-4	74
3	D-Fenchone	152	C10H16O	004695-62-9	64
4	2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	53
5	Cyclohexane, 1,3-dichloro-, cis-	152	C6H10Cl2	024955-63-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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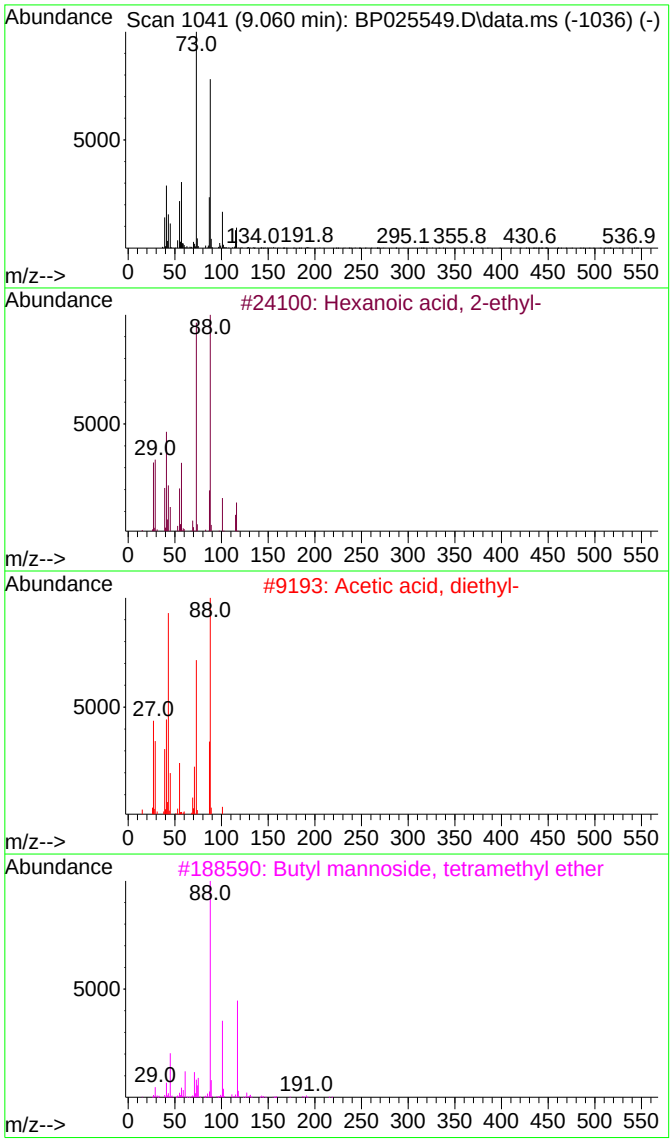
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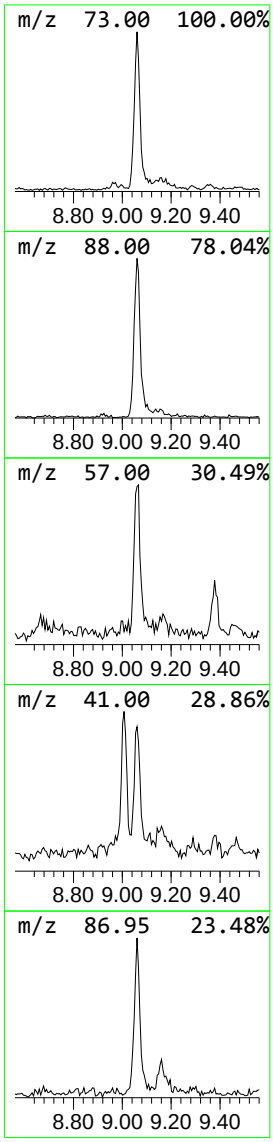
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Peak Number 9 Hexanoic acid, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.060	2.43 ng	104382	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	59
3	Butyl mannoside, tetramethyl ether	292	C14H28O6	1000501-84-1	50
4	Pentanoic acid, 2-methyl-, methy...	130	C7H14O2	002177-77-7	47
5	Methyl-4-deoxy-2,3-di-O-methyl.b...	218	C9H14O6	1000312-09-9	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
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Operator : CG/JU
Sample : Q2903-11 2X
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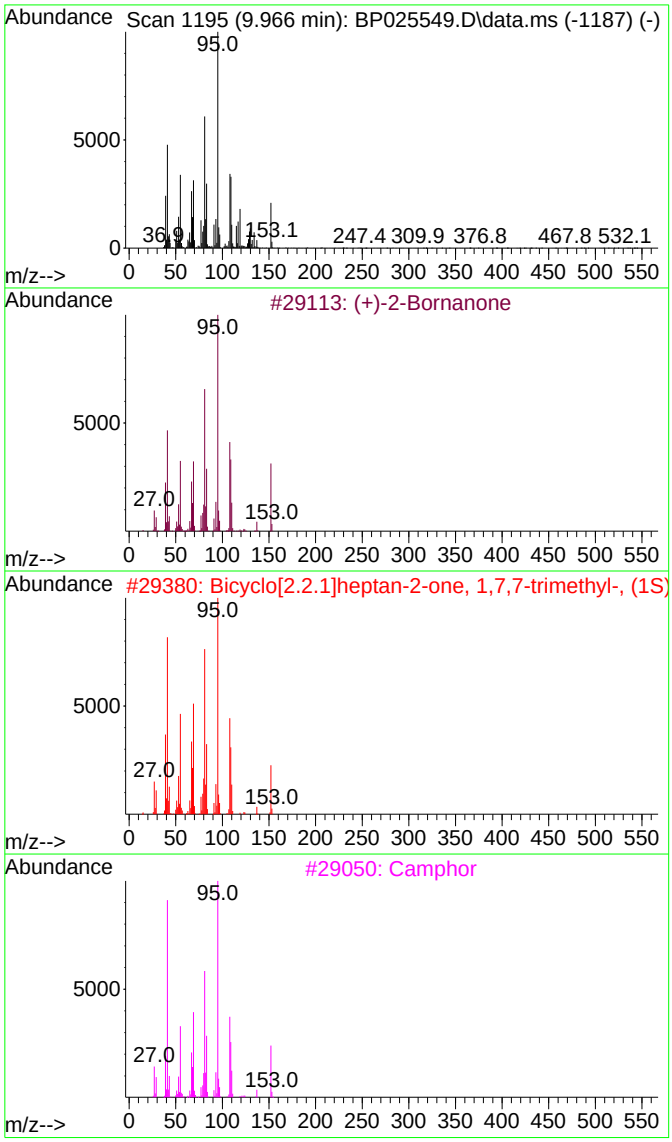
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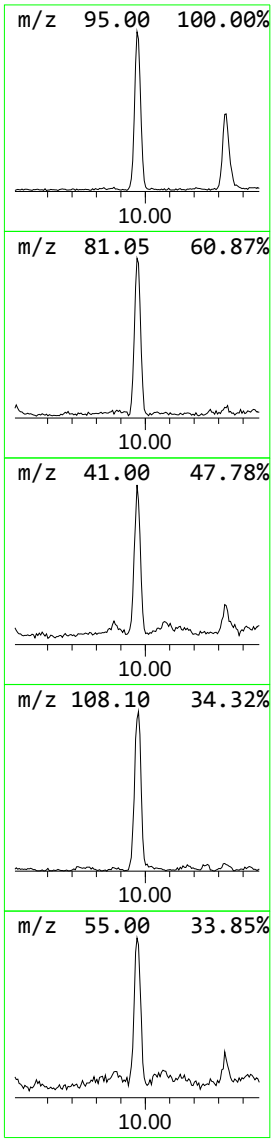
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Peak Number 10 (+)-2-Bornanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.966	6.89 ng	406994	Naphthalene-d8	10.549

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	97
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	96
3	Camphor	152	C10H16O	000076-22-2	96
4	2-Butanone, 4-(5-methyl-2-furanyl)-	152	C9H12O2	013679-56-6	49
5	1-Adamantanol	152	C10H16O	000768-95-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
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Acq On : 22 Aug 2025 14:54
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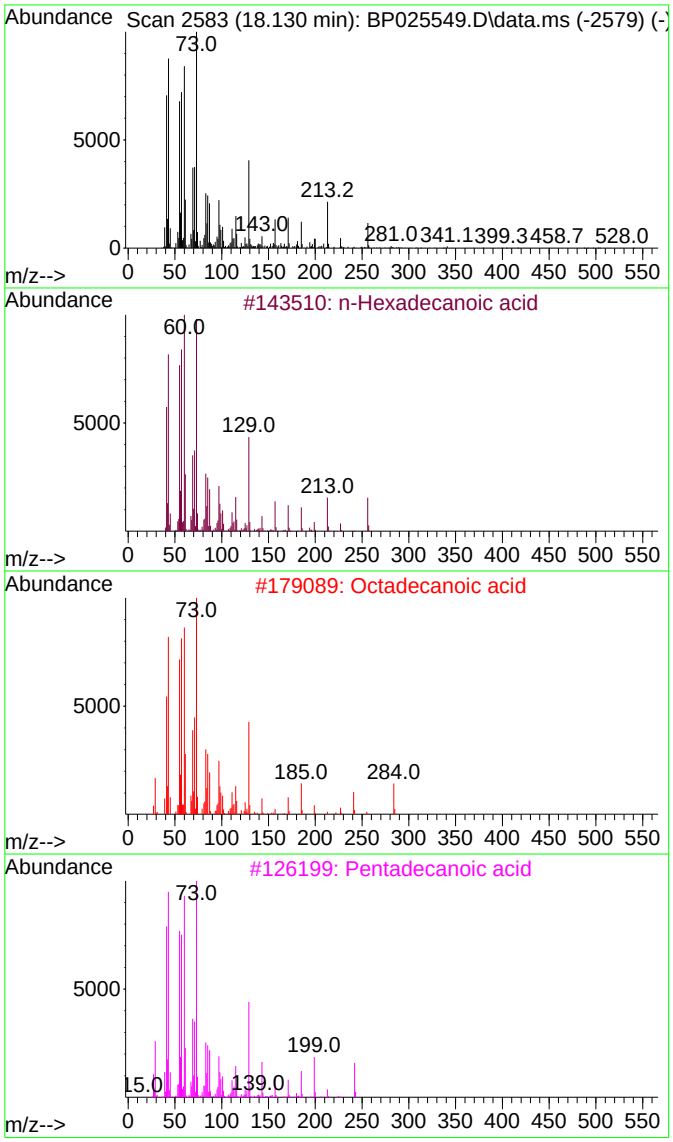
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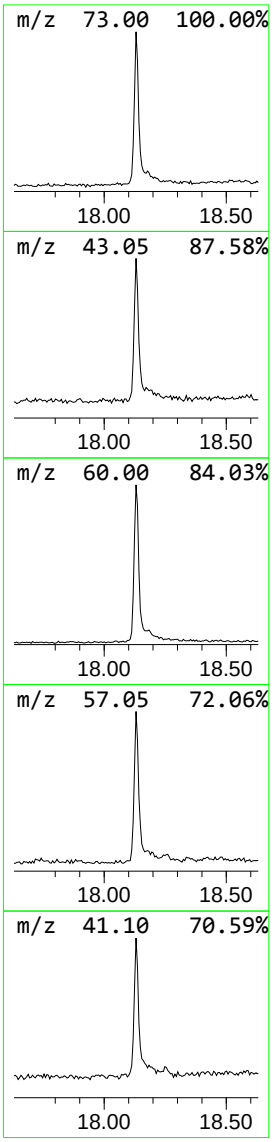
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Peak Number 11 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.130	6.75 ng	672289	Phenanthrene-d10	17.189

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

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

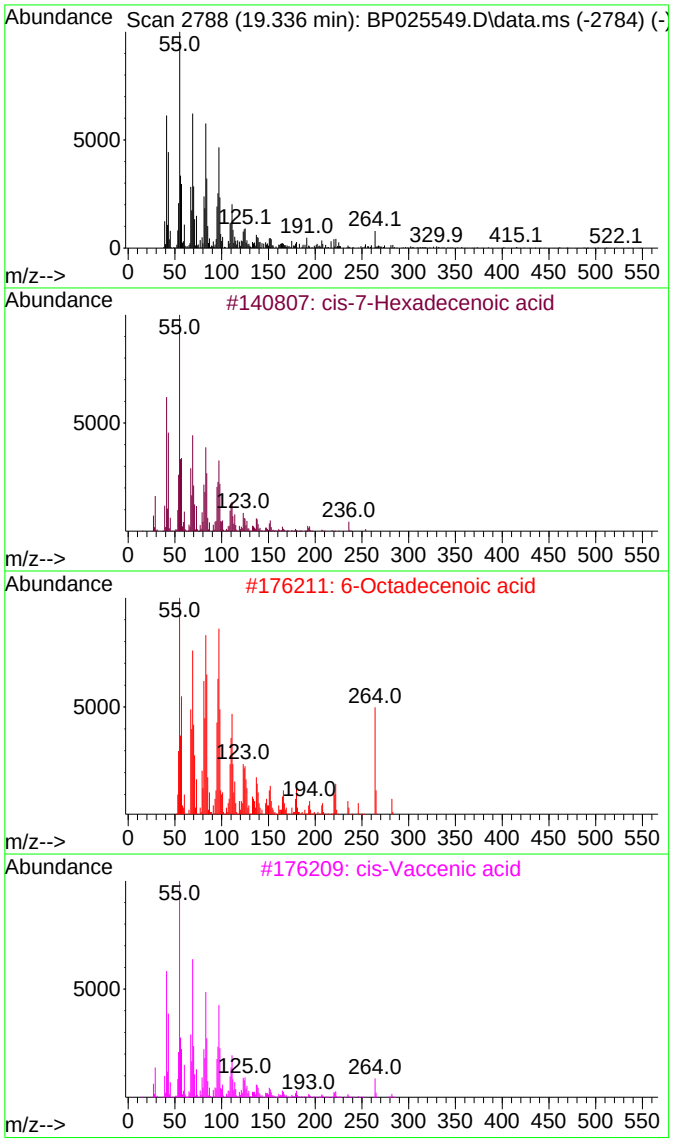
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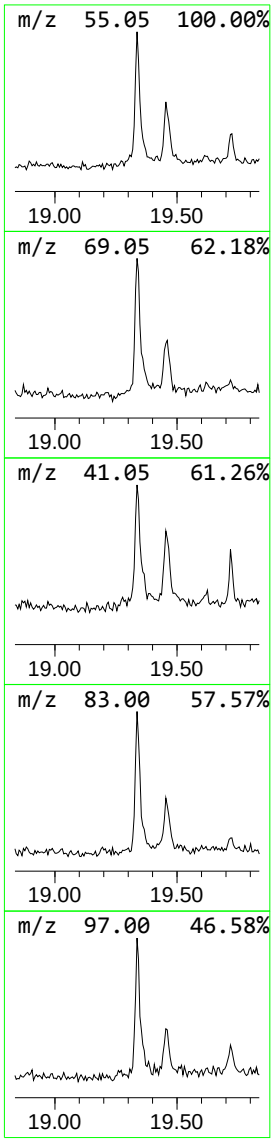
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Peak Number 12 cis-7-Hexadecenoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.336	4.59 ng	457276	Phenanthrene-d10	17.189

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	91
2	6-Octadecenoic acid	282	C18H34O2	1000336-66-8	91
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	91
4	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	91
5	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

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

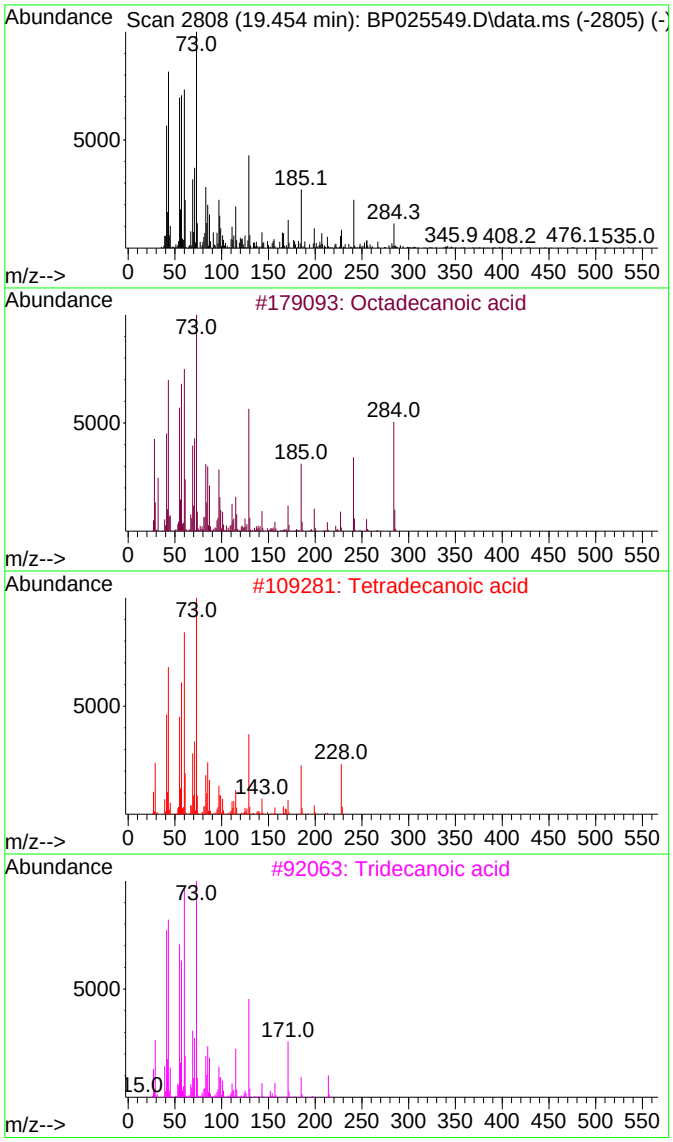
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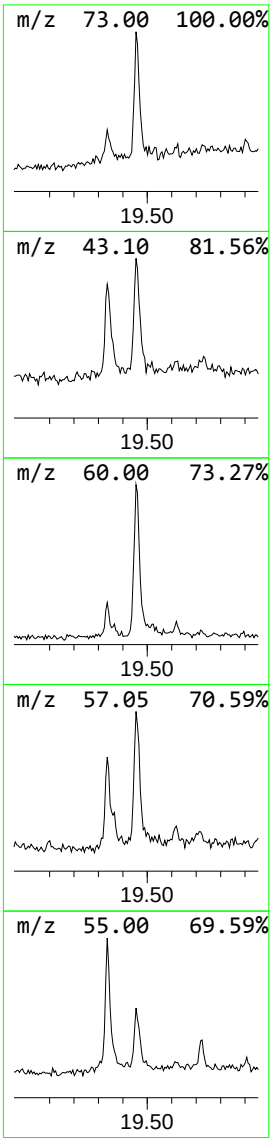
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Peak Number 13 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.454	2.36 ng	270798	Chrysene-d12	21.648

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
5	n-Decanoic acid	172	C10H20O2	000334-48-5	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

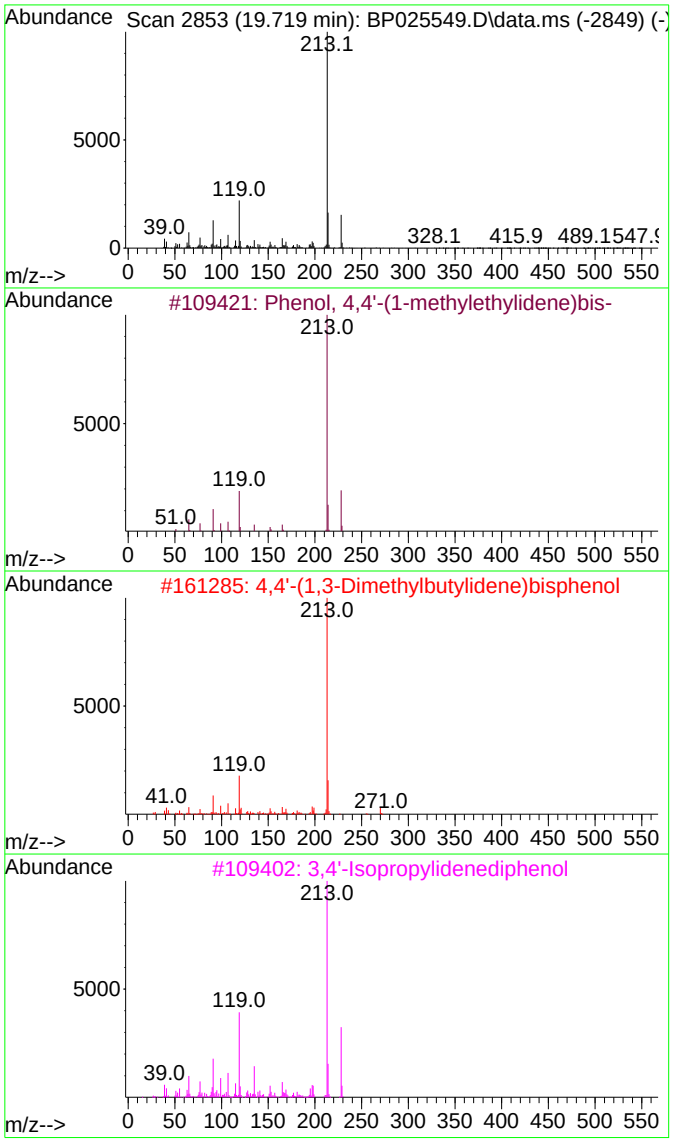
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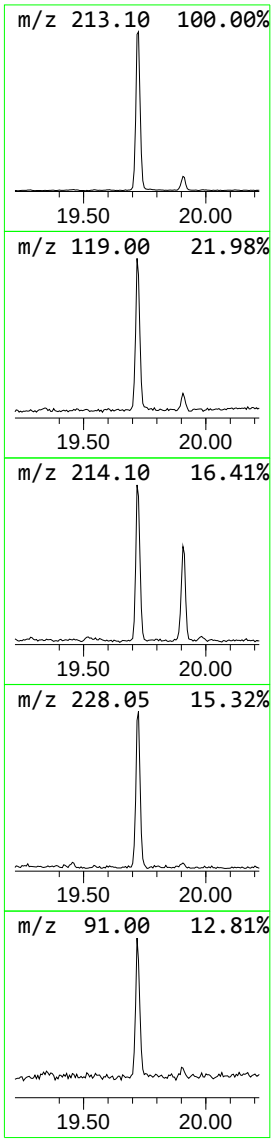
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenol, 4,4'-(1-methylethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.719	7.84 ng	898607	Chrysene-d12	21.648

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	97
2	4,4'-(1,3-Dimethylbutylidene)bis...	270	C18H22O2	006807-17-6	74
3	3,4'-Isopropylidenediphenol	228	C15H16O2	046765-25-7	60
4	2-(4-Fluorophenyl)imidazo[1,2-a]...	213	C12H8FN3	000397-53-5	50
5	1-Methyl-1-n-octyloxy-1-silacycl...	228	C13H28OSi	1010216-91-0	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

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

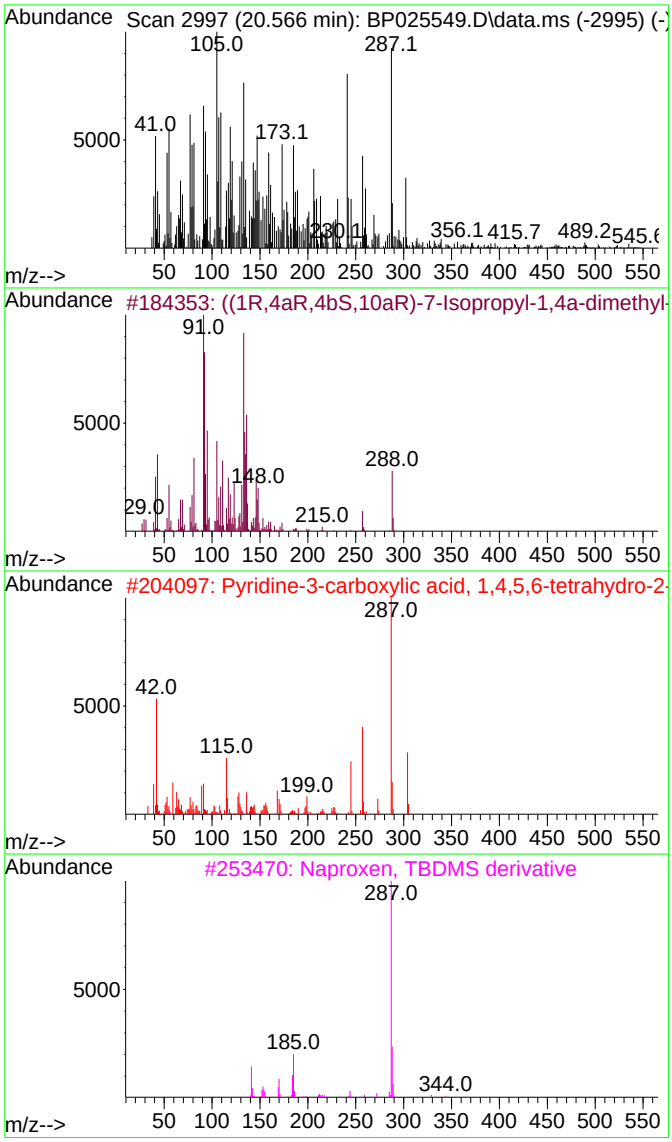
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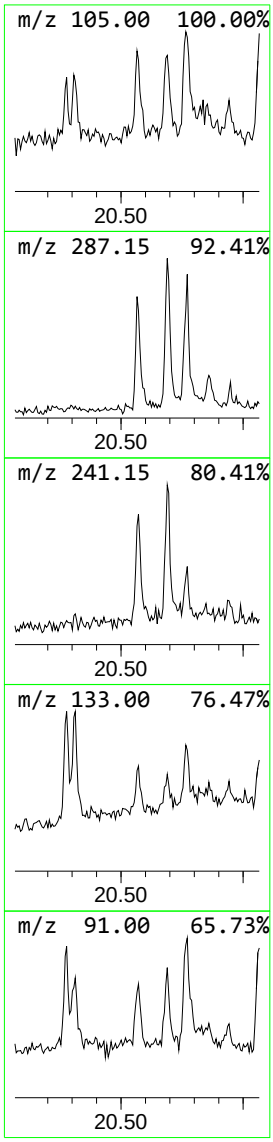
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Peak Number 15 unknown20.566 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.566	2.30 ng	263150	Chrysene-d12	21.648

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	((1R,4aR,4bS,10aR)-7-Isopropyl-1...	288	C20H32O	097640-46-5	15
2	Pyridine-3-carboxylic acid, 1,4,...	304	C15H16N2O5	299919-40-7	14
3	Naproxen, TBDMS derivative	344	C20H28O3Si	1000378-39-3	14
4	1,2-Benzisothiazol-3(2H)-one, 4-...	287	C13H9N3O3S	1000277-42-1	14
5	Silane, trimethyl([1,1':3',1''-t...	302	C21H22Si	128388-53-4	11





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

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

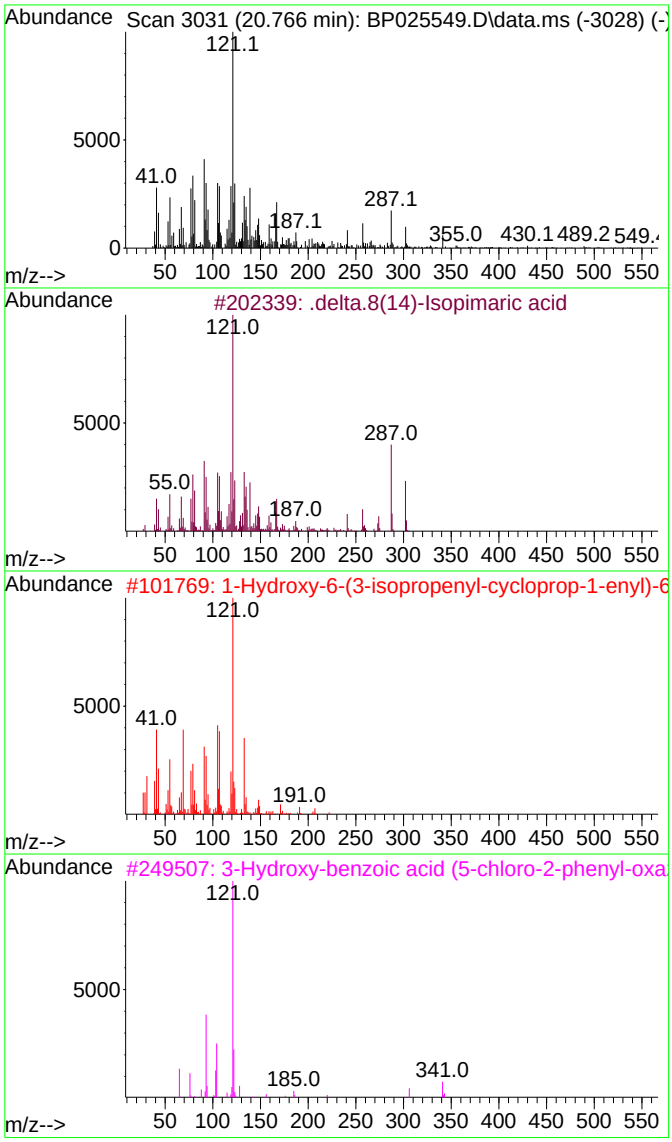
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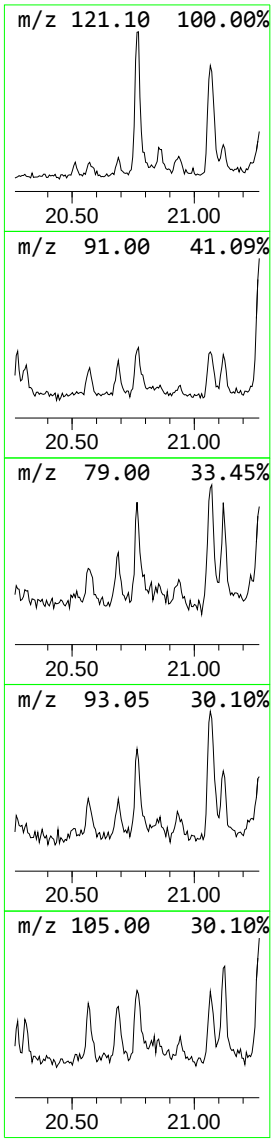
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Peak Number 16 .delta.8(14)-Isopimaric acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.766	3.51 ng	402200	Chrysene-d12	21.648

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.delta.8(14)-Isopimaric acid	302	C20H30O2	000471-74-9	93
2	1-Hydroxy-6-(3-isopropenyl-cyclo...	222	C14H22O2	1010189-14-9	43
3	3-Hydroxy-benzoic acid (5-chloro...	341	C17H12ClN3O3	1000296-00-2	42
4	Cyclohexene, 4-ethenyl-4-methyl-...	204	C15H24	020307-84-0	30
5	3-(7-Methoxy-2H-1,3-benzodioxol-...	341	C19H19NO5	1000388-35-2	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

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

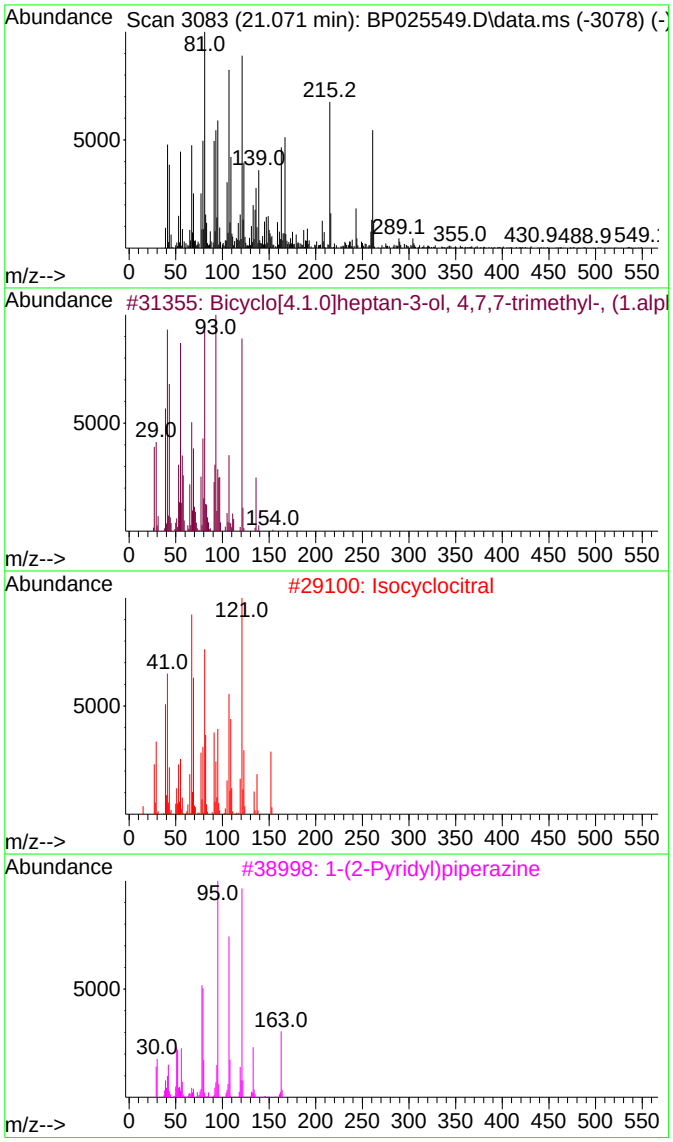
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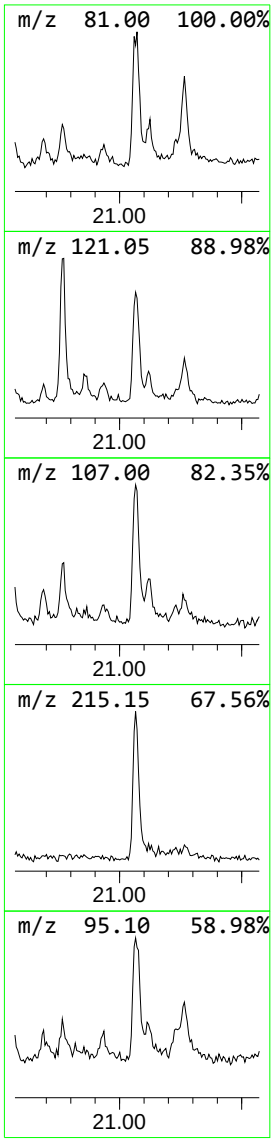
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Peak Number 17 unknown21.071 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.071	6.13 ng	702553	Chrysene-d12	21.648

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptan-3-ol, 4,7,7...	154	C10H18O	054750-09-3	30
2	Isocyclocitral	152	C10H16O	001335-66-6	27
3	1-(2-Pyridyl)piperazine	163	C9H13N3	034803-66-2	25
4	2,6,6-Trimethylcyclohexa-1,4-die...	150	C10H14O	162376-82-1	25
5	N-(4-Methoxybenzyl)-2-pyrimidina...	215	C12H13N3O	006957-21-7	11





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

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

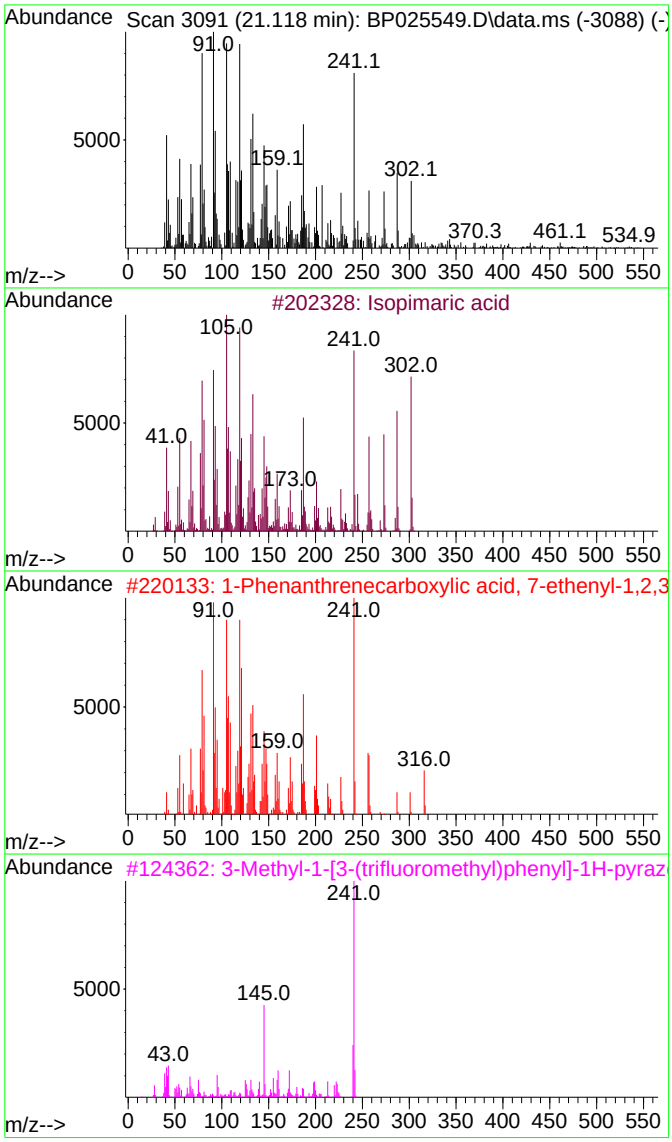
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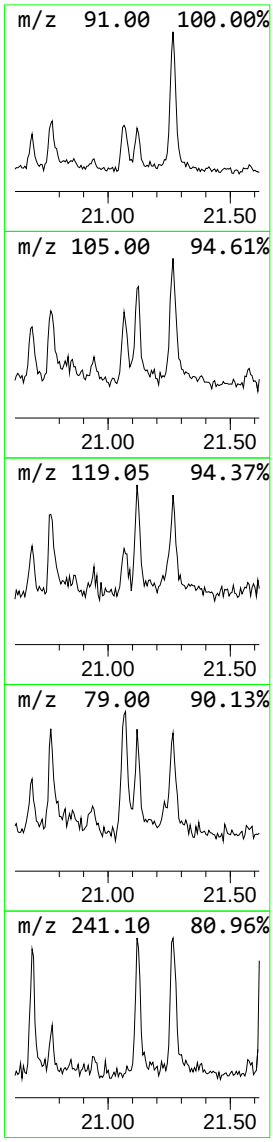
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Peak Number 18 Isopimaric acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.119	3.11 ng	356443	Chrysene-d12	21.648

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopimaric acid	302	C20H30O2	005835-26-7	99
2	1-Phenanthrenecarboxylic acid, 7...	316	C21H32O2	001686-62-0	46
3	3-Methyl-1-[3-(trifluoromethyl)p...	241	C11H10F3N3	000345-07-3	18
4	[1,2,4]Triazolo[1,5-a]pyrimidin-...	241	C12H11N5O	1000351-09-2	15
5	1,2,4-Triazole-3,5-dione, 1-(1-i...	257	C14H15N3O2	1000154-45-7	15





Sample Results: **BP025549.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

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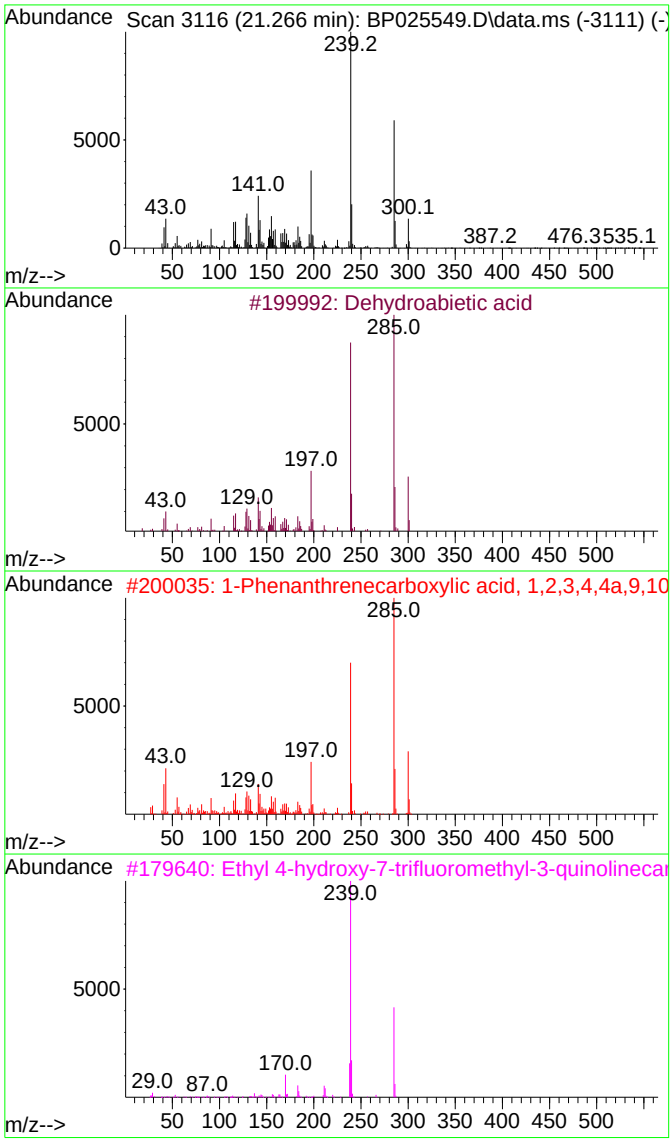
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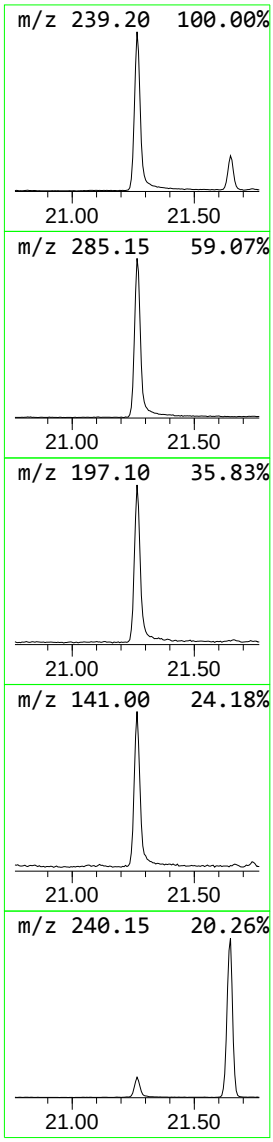
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Peak Number 19 Dehydroabietic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.265	35.48 ng	4065600	Chrysene-d12	21.648

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	99
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	94
3	Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3NO3	000391-02-6	58
4	2-Ethylidene-hydrazono-3-methyl-...	239	C10H10ClN3S	1000148-08-4	43
5	trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-18A-081925

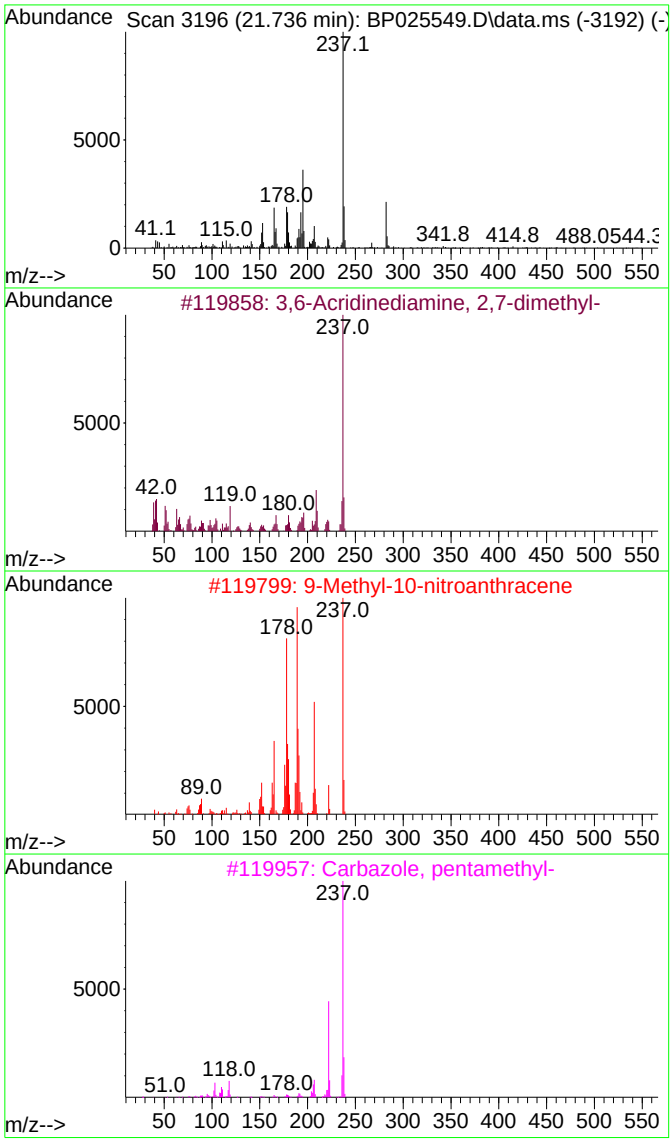
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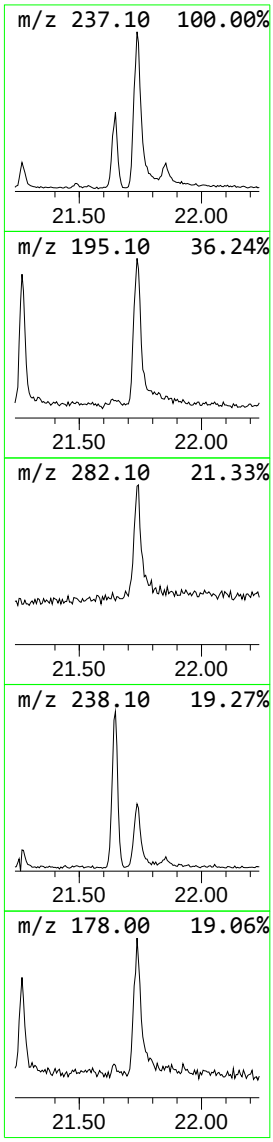
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 3,6-Acridinediamine, 2,7-di... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.736	3.89 ng	446293	Chrysene-d12	21.648

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Acridinediamine, 2,7-dimethyl-	237	C15H15N3	000092-26-2	58
2	9-Methyl-10-nitroanthracene	237	C15H11NO2	084457-22-7	53
3	Carbazole, pentamethyl-	237	C17H19N	121091-20-1	49
4	2-Benzo[1,3]dioxol-5-yl-indolizine	237	C15H11NO2	1000301-42-4	47
5	2-Chloro-6-methoxyquinoline-4-ca...	237	C11H8ClNO3	020335-34-6	47





Sample Results: **BP025549.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

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	57.1	ng	2455470	1	7.778	859324	20.0
Butanoic acid, ...	4.713	3.2	ng	137003	1	7.778	859324	20.0
.alpha.-Hydroxy...	4.937	2.4	ng	104673	1	7.778	859324	20.0
Benzene, 1,3-di...	5.825	3.0	ng	127121	1	7.778	859324	20.0
Benzene, 1-prop...	8.149	2.5	ng	108200	1	7.778	859324	20.0
3-Methylphenyla...	8.307	2.8	ng	121278	1	7.778	859324	20.0
Fenchone	9.007	2.3	ng	97043	1	7.778	859324	20.0
Hexanoic acid, ...	9.060	2.4	ng	104382	1	7.778	859324	20.0
(+)-2-Bornanone	9.966	6.9	ng	406994	2	10.549	1180960	20.0
n-Hexadecanoic ...	18.130	6.8	ng	672289	4	17.189	1991330	20.0
cis-7-Hexadecen...	19.336	4.6	ng	457276	4	17.189	1991330	20.0
Octadecanoic acid	19.454	2.4	ng	270798	5	21.648	2291640	20.0
Phenol, 4,4'-(1...	19.719	7.8	ng	898607	5	21.648	2291640	20.0
unknown20.566	20.566	2.3	ng	263150	5	21.648	2291640	20.0
.delta.8(14)-Is...	20.766	3.5	ng	402200	5	21.648	2291640	20.0
unknown21.071	21.071	6.1	ng	702553	5	21.648	2291640	20.0
Isopimaric acid	21.119	3.1	ng	356443	5	21.648	2291640	20.0
Dehydroabietic ...	21.265	35.5	ng	4065600	5	21.648	2291640	20.0
3,6-Acridinedia...	21.736	3.9	ng	446293	5	21.648	2291640	20.0

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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-16B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-12	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
BF143576.D	1	08/21/25 08:50	08/22/25 16:53	PB169330

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: **BF143576.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-16B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-12	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
BF143576.D	1	08/21/25 08:50	08/22/25 16:53	PB169330

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	UQ	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	UQ	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: **BF143576.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-16B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-12	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
BF143576.D	1	08/21/25 08:50	08/22/25 16:53	PB169330

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	73.9		23 - 138	49%	SPK: 150
13127-88-3	Phenol-d6	56.2		10 - 134	37%	SPK: 150
4165-60-0	Nitrobenzene-d5	99.4		67 - 132	99%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.4		52 - 132	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	143		44 - 137	96%	SPK: 150
1718-51-0	Terphenyl-d14	98.9		42 - 152	99%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	94300	6.922			
1146-65-2	Naphthalene-d8	372000	8.204			
15067-26-2	Acenaphthene-d10	224000	9.963			
1517-22-2	Phenanthrene-d10	394000	11.451			
1719-03-5	Chrysene-d12	214000	14.092			
1520-96-3	Perylene-d12	187000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J		2.26	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.50	AB		5.16	ug/L
000119-61-9	Benzophenone	2.30	J		10.7	ug/L
000057-10-3	n-Hexadecanoic acid	2.30	J		12.0	ug/L
031158-91-5	Hexadecanoic acid, 1,1-dimethyleth	3.30	J		12.9	ug/L

Raw Data: **BF143576.D**

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

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-16B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-12	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
BF143576.D	1	08/21/25 08:50	08/22/25 16:53	PB169330

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_F\Data\BF082225\
Data File : BF143576.D
Acq On : 22 Aug 2025 16:53
Operator : RC/JU
Sample : Q2903-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16B-081925

Quant Time: Aug 22 17:13:19 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

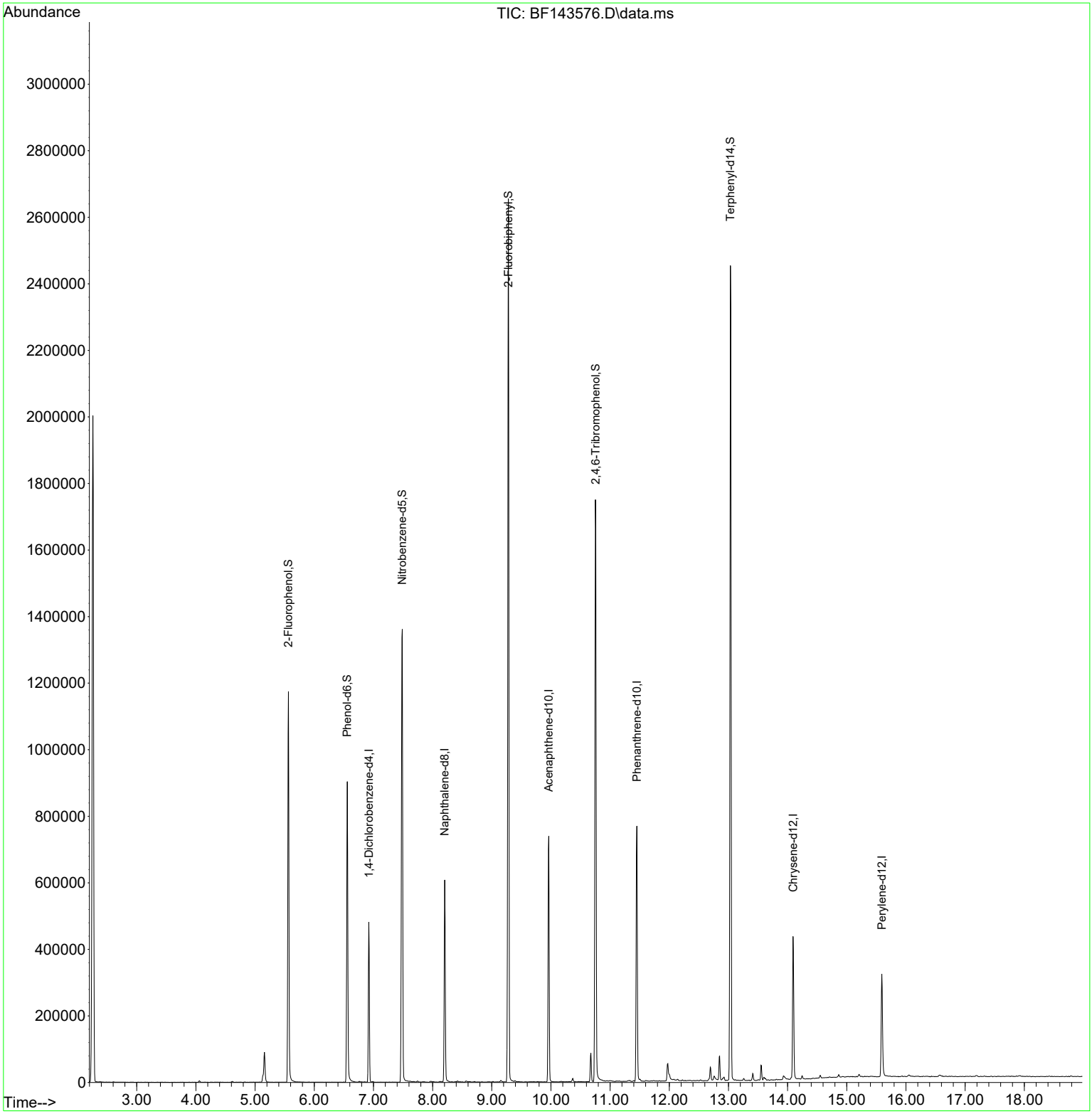
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	94313	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	372419	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	224179	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	393667	20.000	ng	0.00
76) Chrysene-d12	14.092	240	213541	20.000	ng	-0.01
86) Perylene-d12	15.592	264	186593	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	399366	73.941	ng	0.00
7) Phenol-d6	6.557	99	374847	56.221	ng	-0.02
23) Nitrobenzene-d5	7.487	82	634238	99.380	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	298951	143.260	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1145152	84.422	ng	0.00
79) Terphenyl-d14	13.033	244	1210694	98.937	ng	0.00
Target Compounds						Qvalue

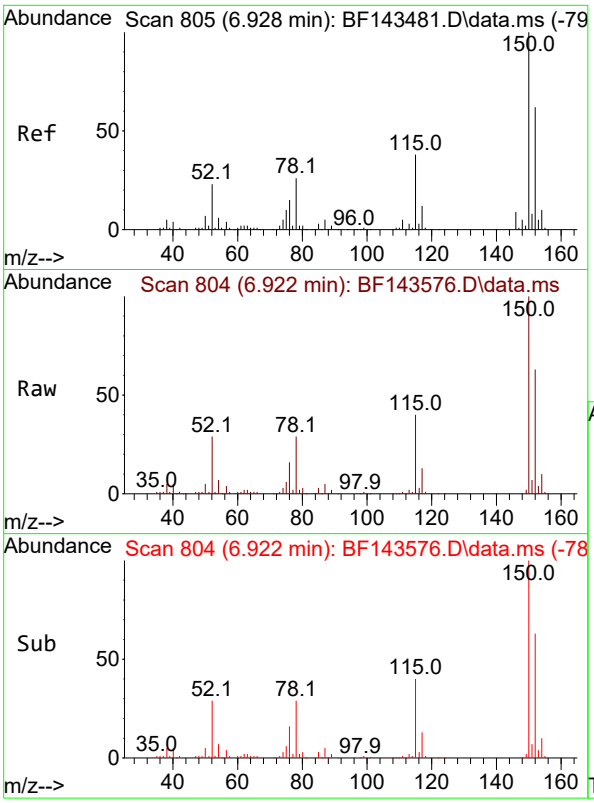
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143576.D
Acq On : 22 Aug 2025 16:53
Operator : RC/JU
Sample : Q2903-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16B-081925

Quant Time: Aug 22 17:13:19 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



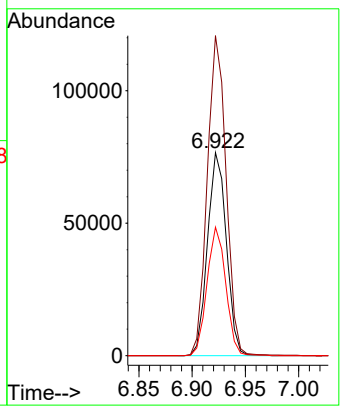


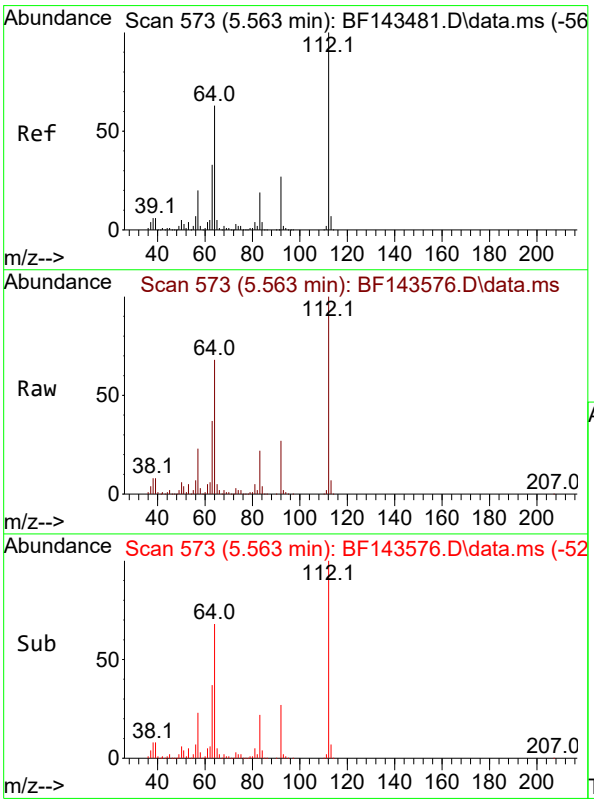
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143576.D
Acq: 22 Aug 2025 16:53

Instrument :
BNA_F
ClientSampleId :
MW-16B-081925

Tgt Ion:152 Resp: 94313

Ion	Ratio	Lower	Upper
152	100		
150	157.6	128.9	193.3
115	63.3	49.2	73.8

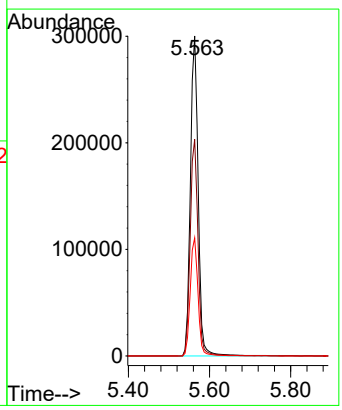


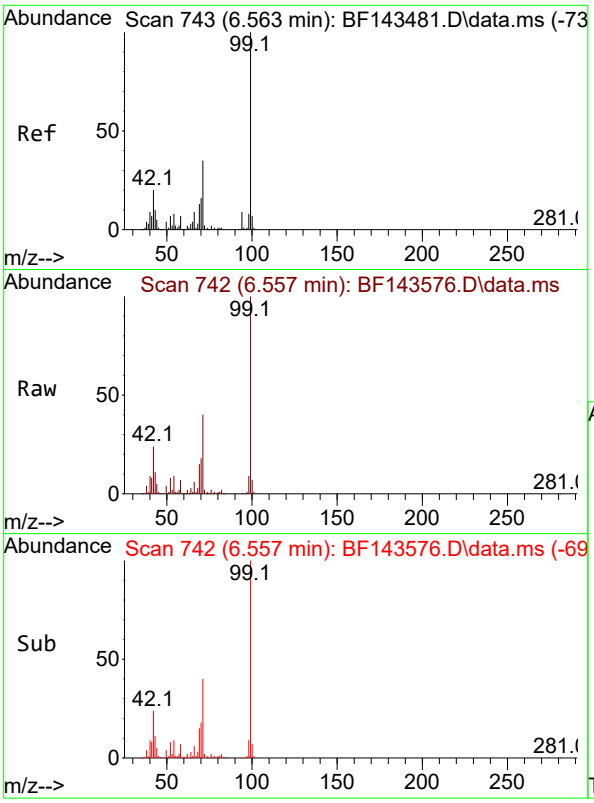


#5
2-Fluorophenol
Concen: 73.941 ng
RT: 5.563 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF143576.D
Acq: 22 Aug 2025 16:53

Tgt Ion:112 Resp: 399366

Ion	Ratio	Lower	Upper
112	100		
64	67.7	50.4	75.6
63	36.9	26.4	39.6



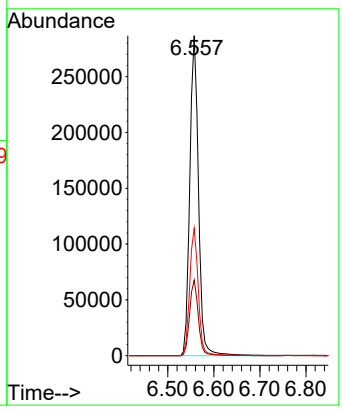


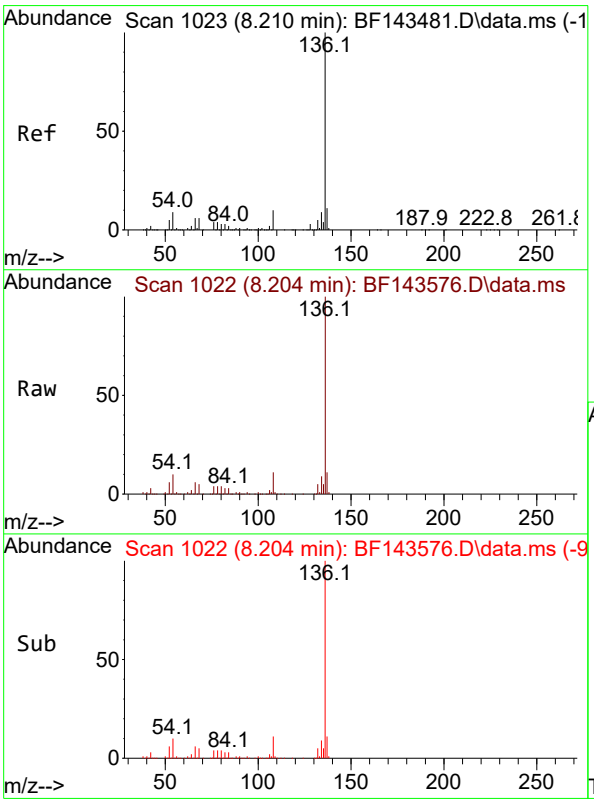
#7
Phenol-d6
Concen: 56.221 ng
RT: 6.557 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF143576.D
Acq: 22 Aug 2025 16:53

Instrument :
BNA_F
ClientSampleId :
MW-16B-081925

Tgt Ion: 99 Resp: 374847

Ion	Ratio	Lower	Upper
99	100		
42	23.6	16.3	24.5
71	39.8	28.2	42.2

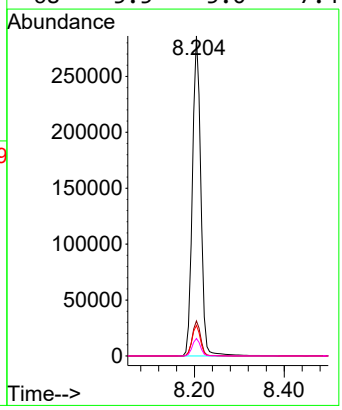


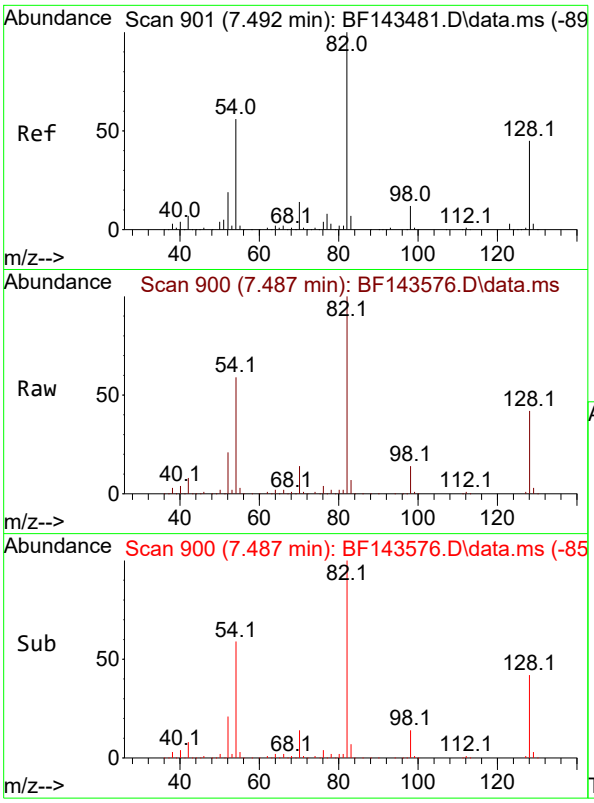


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143576.D
Acq: 22 Aug 2025 16:53

Tgt Ion:136 Resp: 372419

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	9.6	7.4	11.2
68	5.5	5.0	7.4



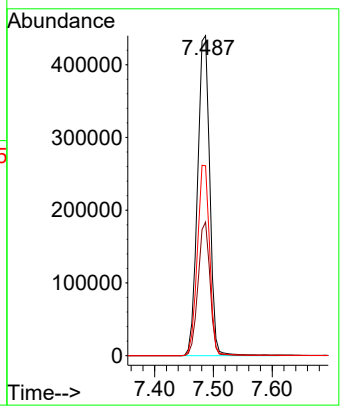


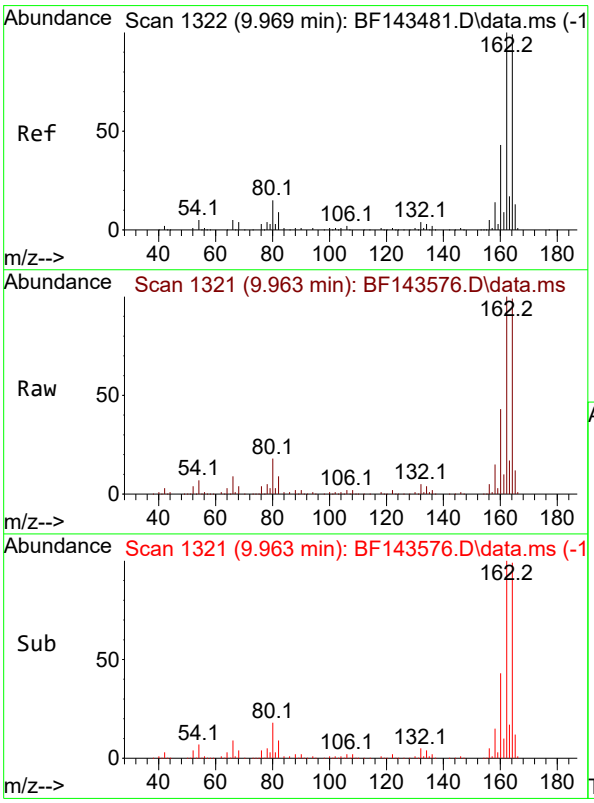
#23
Nitrobenzene-d5
Concen: 99.380 ng
RT: 7.487 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143576.D
Acq: 22 Aug 2025 16:53

Instrument :
BNA_F
ClientSampleId :
MW-16B-081925

Tgt Ion: 82 Resp: 634238

Ion	Ratio	Lower	Upper
82	100		
128	41.8	35.5	53.3
54	59.3	44.3	66.5

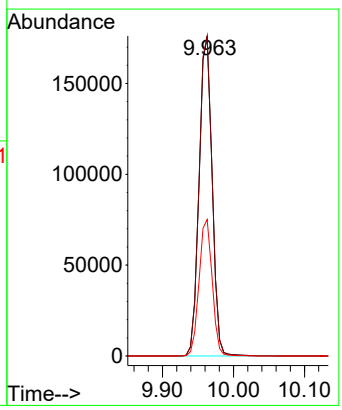


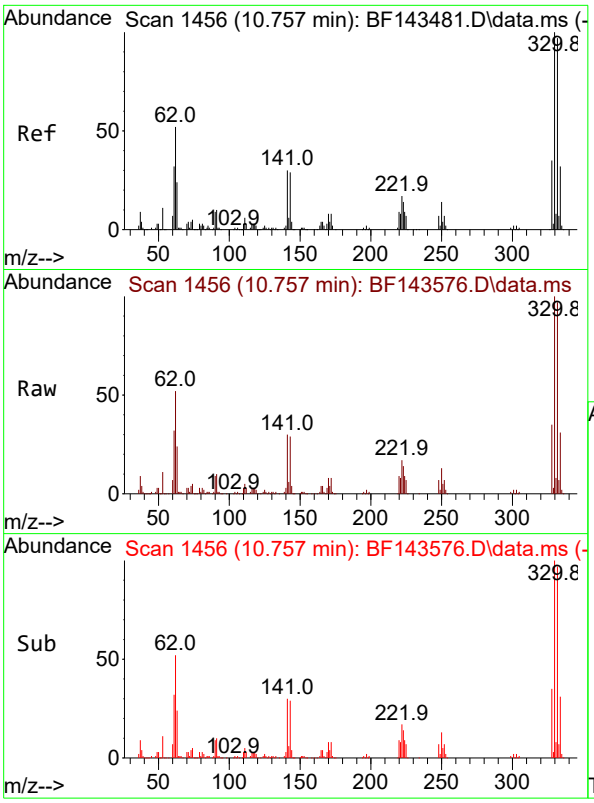


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF143576.D
Acq: 22 Aug 2025 16:53

Tgt Ion:164 Resp: 224179

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.5	120.7
160	42.9	34.3	51.5



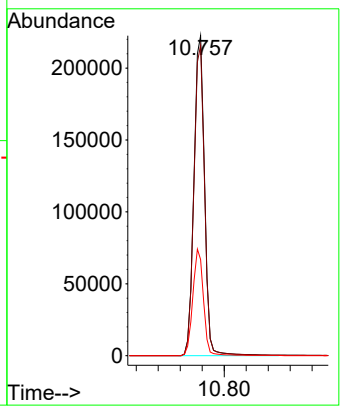


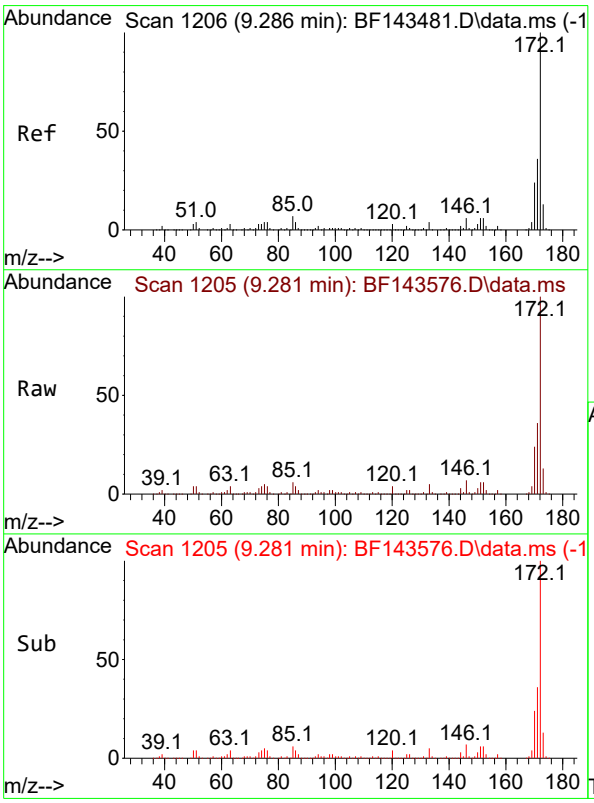
#42
2,4,6-Tribromophenol
Concen: 143.260 ng
RT: 10.757 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143576.D
Acq: 22 Aug 2025 16:53

Instrument :
BNA_F
ClientSampleId :
MW-16B-081925

Tgt Ion:330 Resp: 298951

Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.0	117.0
141	33.6	23.7	35.5

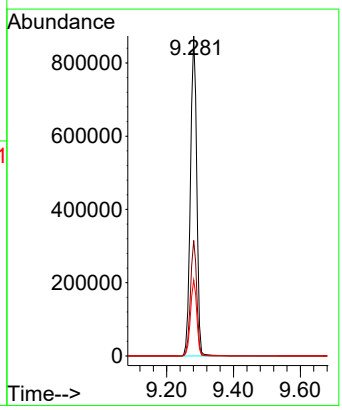


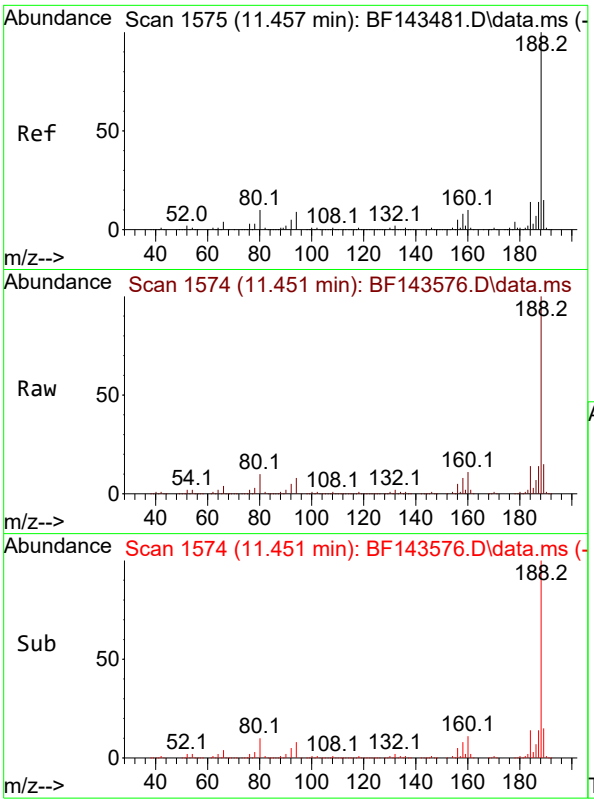


#45
2-Fluorobiphenyl
Concen: 84.422 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143576.D
Acq: 22 Aug 2025 16:53

Tgt Ion:172 Resp: 1145152

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.8	43.2
170	23.8	18.8	28.2



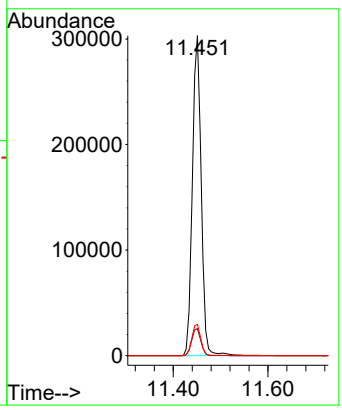


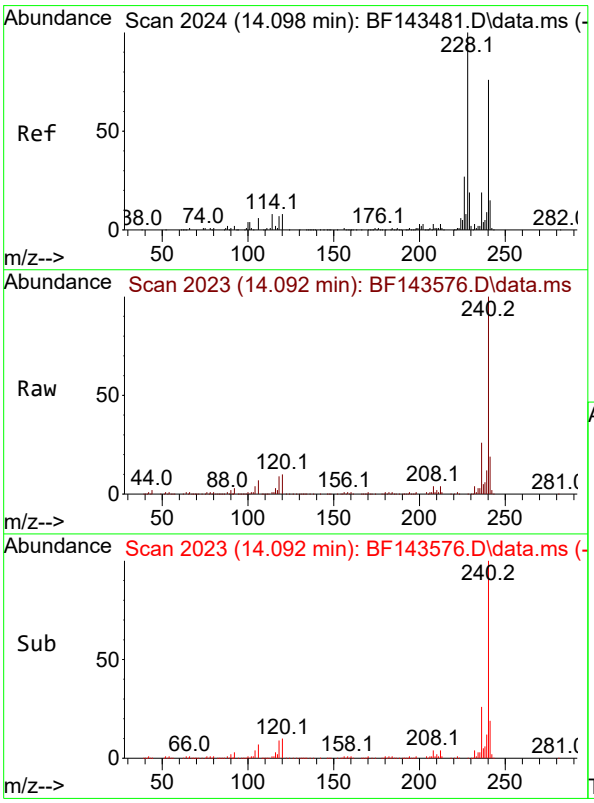
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143576.D
Acq: 22 Aug 2025 16:53

Instrument :
BNA_F
ClientSampleId :
MW-16B-081925

Tgt Ion:188 Resp: 393667

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.4	11.2
80	9.8	8.2	12.4

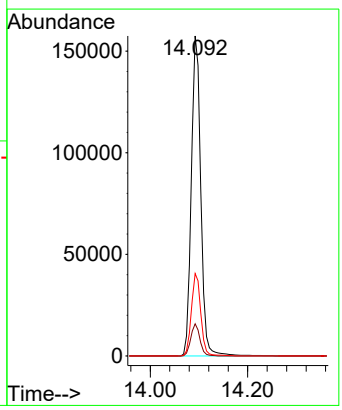


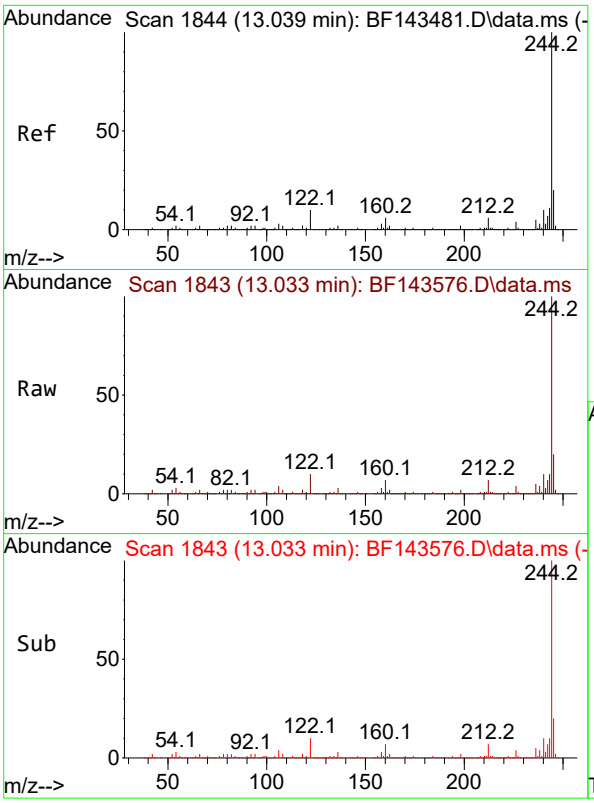


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF143576.D
Acq: 22 Aug 2025 16:53

Tgt Ion:240 Resp: 213541

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.6	12.8
236	25.7	20.4	30.6



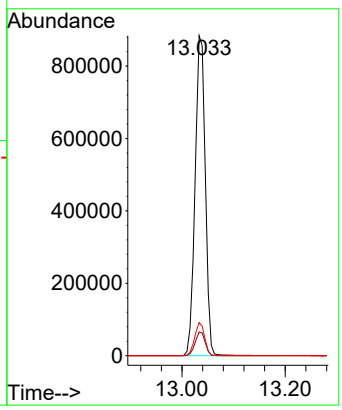


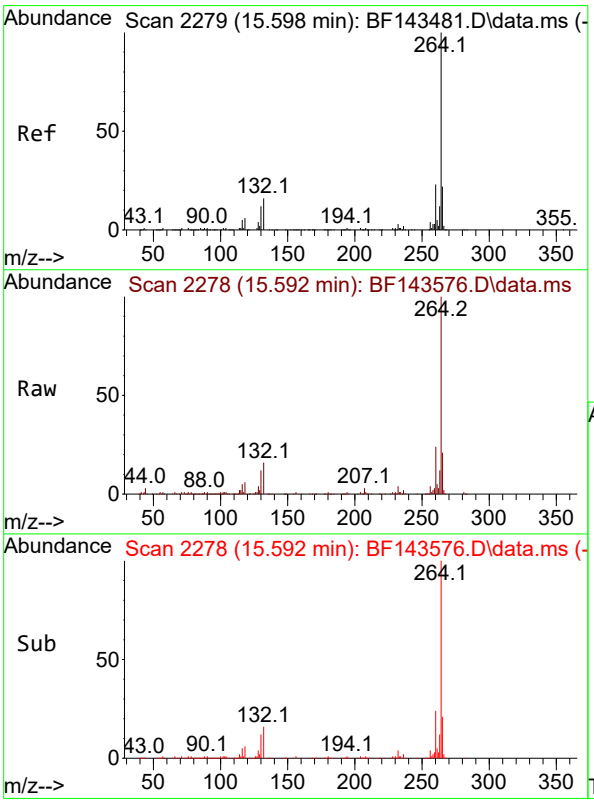
#79
Terphenyl-d14
Concen: 98.937 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143576.D
Acq: 22 Aug 2025 16:53

Instrument :
BNA_F
ClientSampleId :
MW-16B-081925

Tgt Ion:244 Resp: 1210694

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.2	7.8
122	10.4	7.9	11.9

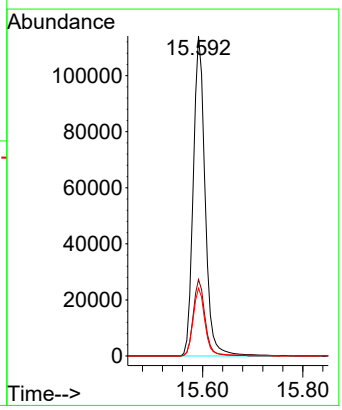




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF143576.D
Acq: 22 Aug 2025 16:53

Tgt Ion:264 Resp: 186593

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.1	17.6	26.4



Sample Results: **BF143576.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143576.D
Acq On : 22 Aug 2025 16:53
Operator : RC/JU
Sample : Q2903-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16B-081925

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: BF143576.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.257	3	11	25	rVB	2002189	3312313	96.16%	14.974%
2	5.157	494	504	520	rBV2	90320	159860	4.64%	0.723%
3	5.563	567	573	596	rBV	1174279	1560576	45.30%	7.055%
4	6.557	737	742	767	rBV	903281	1184014	34.37%	5.353%
5	6.922	799	804	812	rBV	480507	583846	16.95%	2.639%
6	7.487	893	900	911	rBV	1360794	1950624	56.63%	8.818%
7	8.204	1016	1022	1038	rVB	606959	783352	22.74%	3.541%
8	9.281	1198	1205	1210	rBV	2653788	3444653	100.00%	15.572%
9	9.963	1315	1321	1333	rBV	738046	952971	27.67%	4.308%
10	10.675	1437	1442	1449	rBV	85671	110304	3.20%	0.499%
11	10.751	1449	1455	1472	rBV	1748140	2393904	69.50%	10.822%
12	11.451	1568	1574	1581	rBV	767066	990119	28.74%	4.476%
13	11.975	1658	1663	1677	rBV2	51765	113197	3.29%	0.512%
14	12.692	1777	1785	1790	rBV	41157	61604	1.79%	0.278%
15	12.851	1807	1812	1817	rVB	71195	91076	2.64%	0.412%
16	13.033	1837	1843	1849	rBV	2446976	3309336	96.07%	14.961%
17	13.551	1927	1931	1936	rBV	44410	56372	1.64%	0.255%
18	14.092	2018	2023	2036	rVB	427414	566367	16.44%	2.560%
19	15.592	2272	2278	2288	rBV	307955	495643	14.39%	2.241%

Sum of corrected areas: 22120131

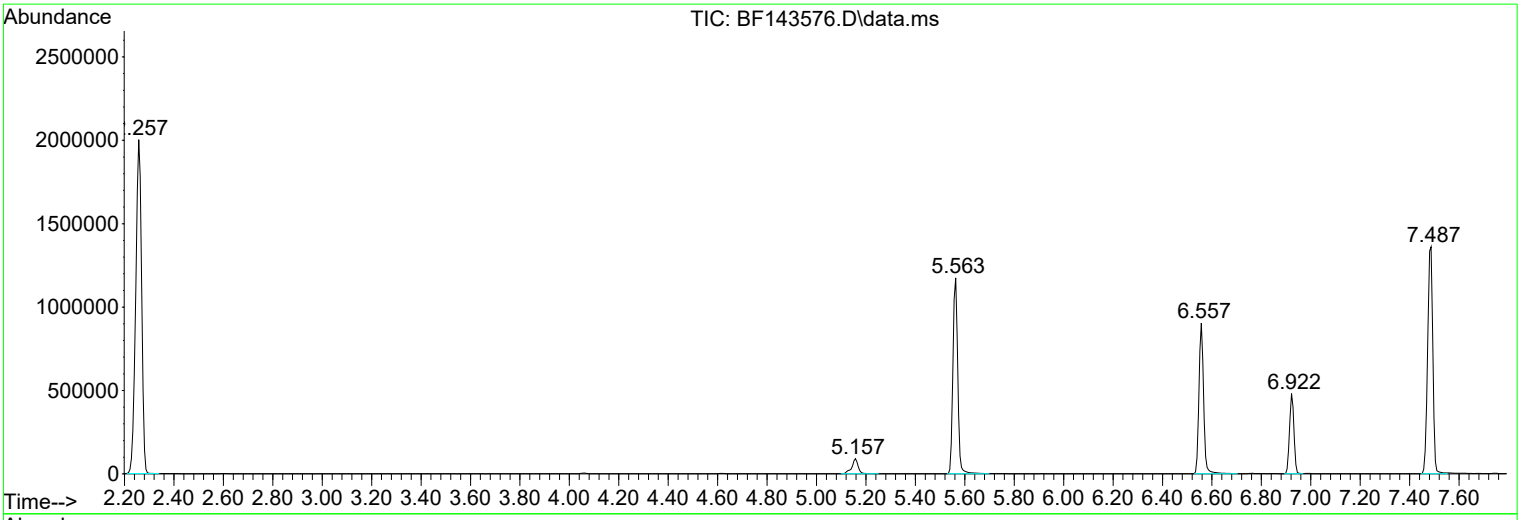
Sample Results: **BF143576.D**

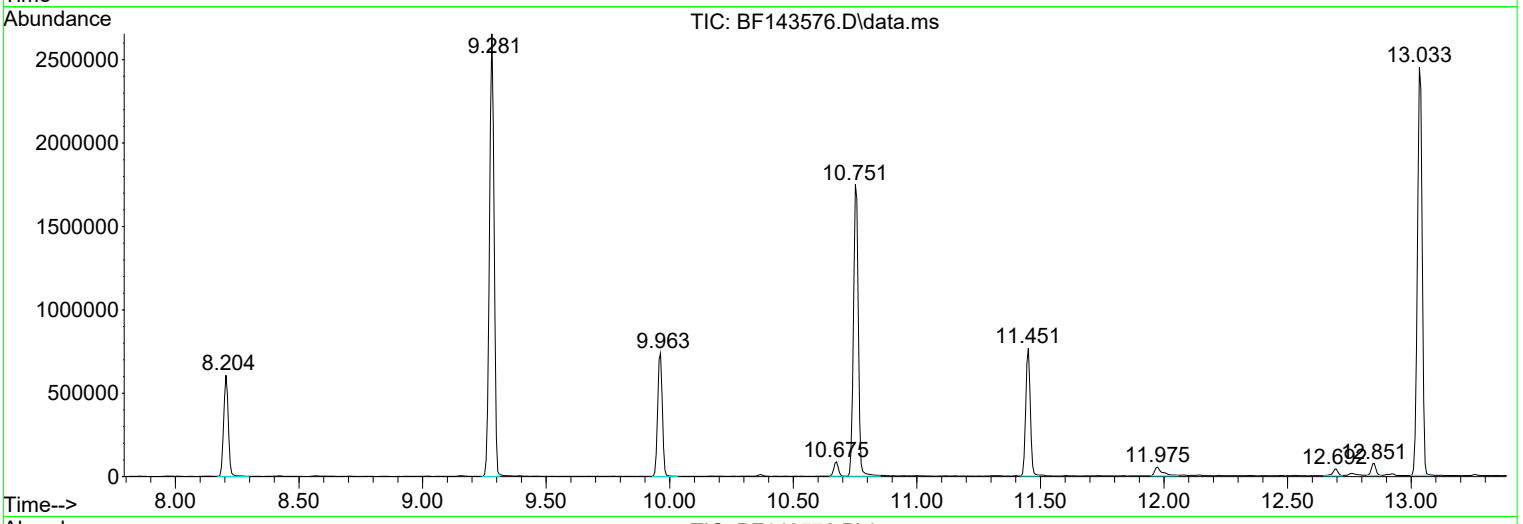
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143576.D
Acq On : 22 Aug 2025 16:53
Operator : RC/JU
Sample : Q2903-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

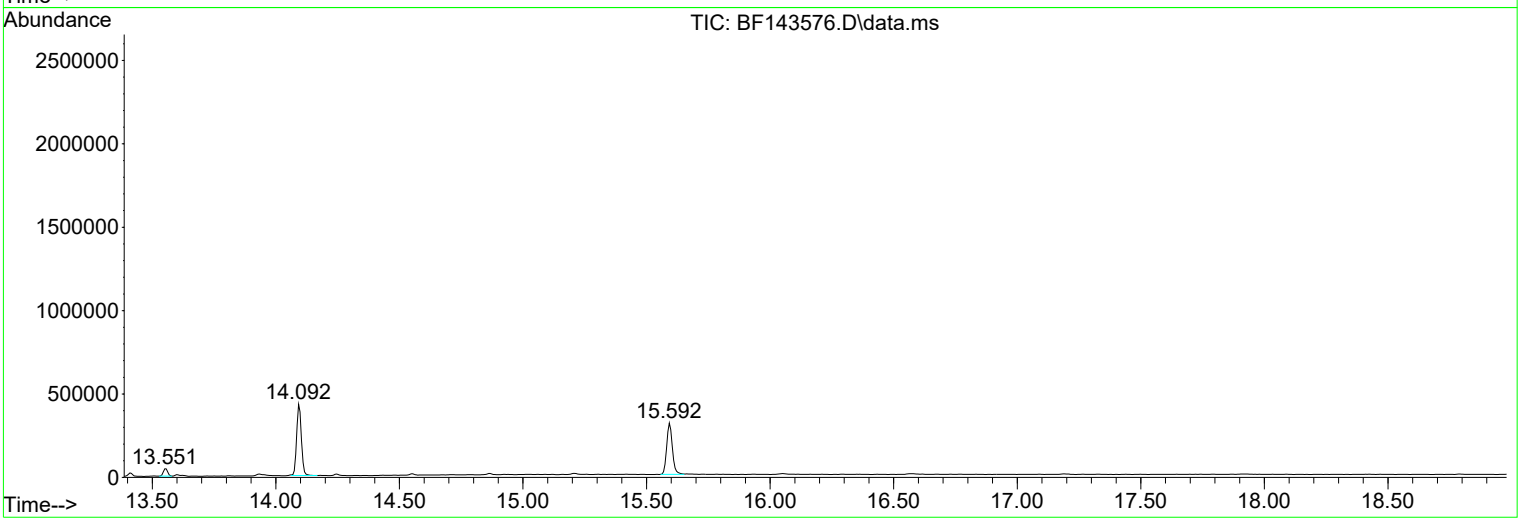
Instrument :
BNA_F
ClientSampleId :
MW-16B-081925

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







Sample Results: **BF143576.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143576.D
Acq On : 22 Aug 2025 16:53
Operator : RC/JU
Sample : Q2903-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16B-081925

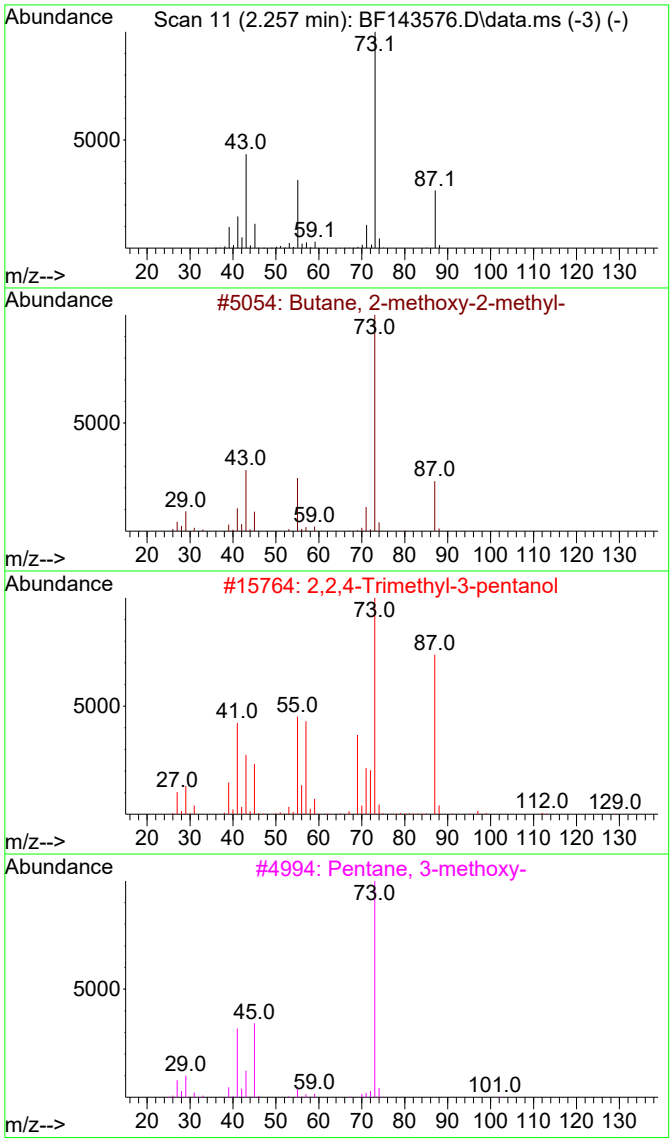
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

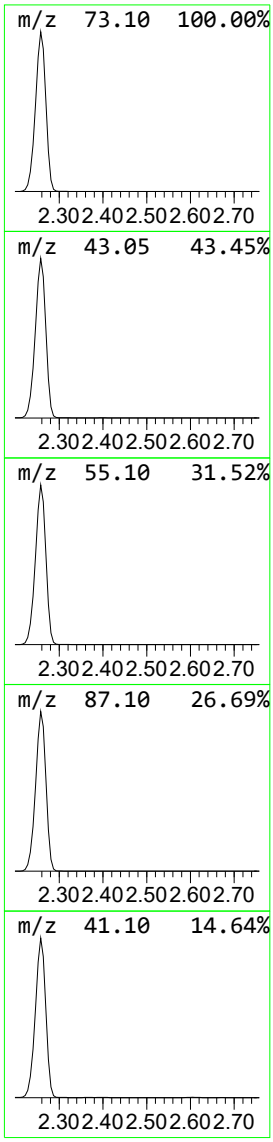
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.257	113.47 ng	3312310	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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143576.D
Acq On : 22 Aug 2025 16:53
Operator : RC/JU
Sample : Q2903-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16B-081925

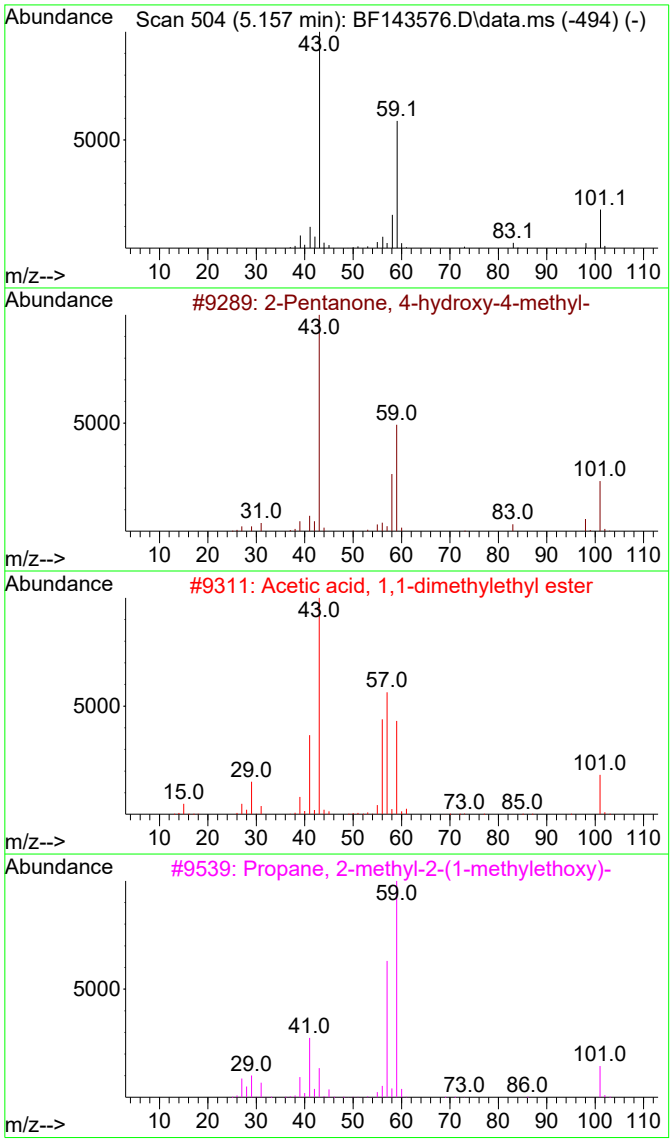
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

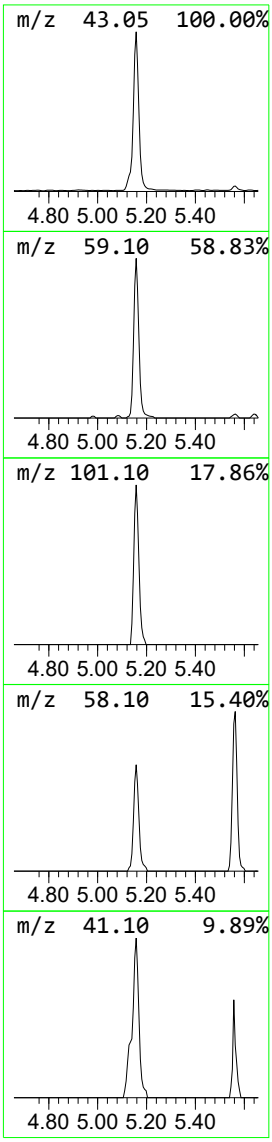
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.157	5.48 ng	159860	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	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143576.D
Acq On : 22 Aug 2025 16:53
Operator : RC/JU
Sample : Q2903-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16B-081925

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

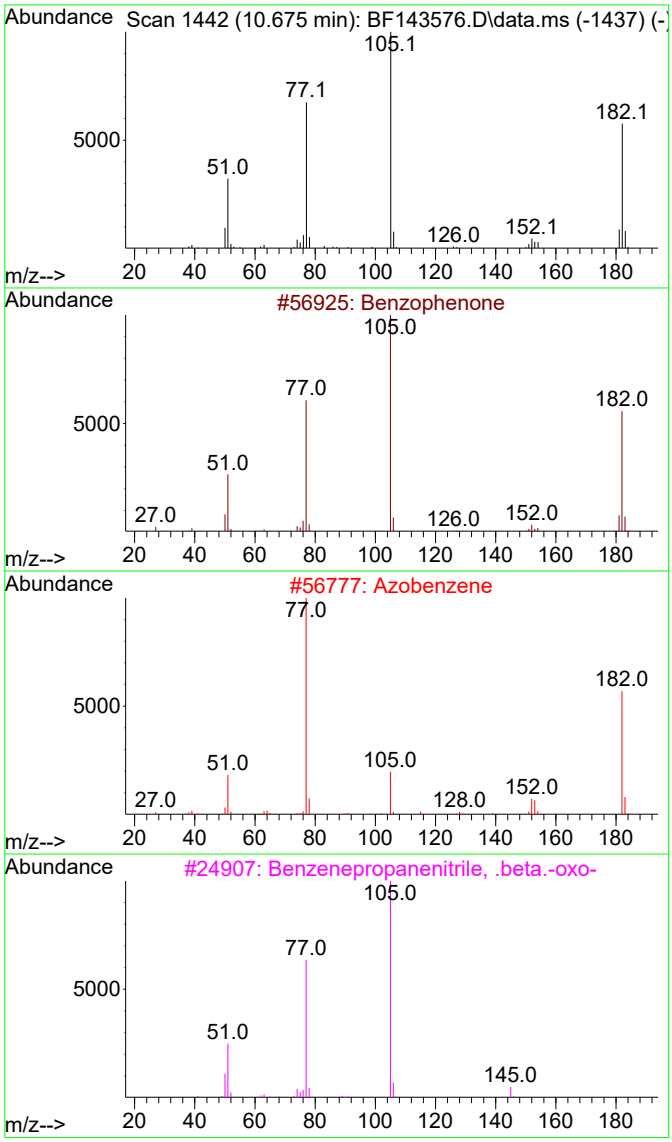
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

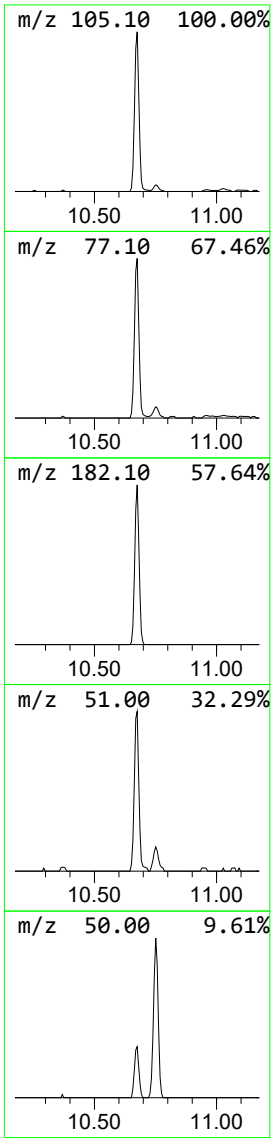
****

Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.675	2.31 ng	110304	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	58
3	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	52
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	50
5	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143576.D
Acq On : 22 Aug 2025 16:53
Operator : RC/JU
Sample : Q2903-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16B-081925

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

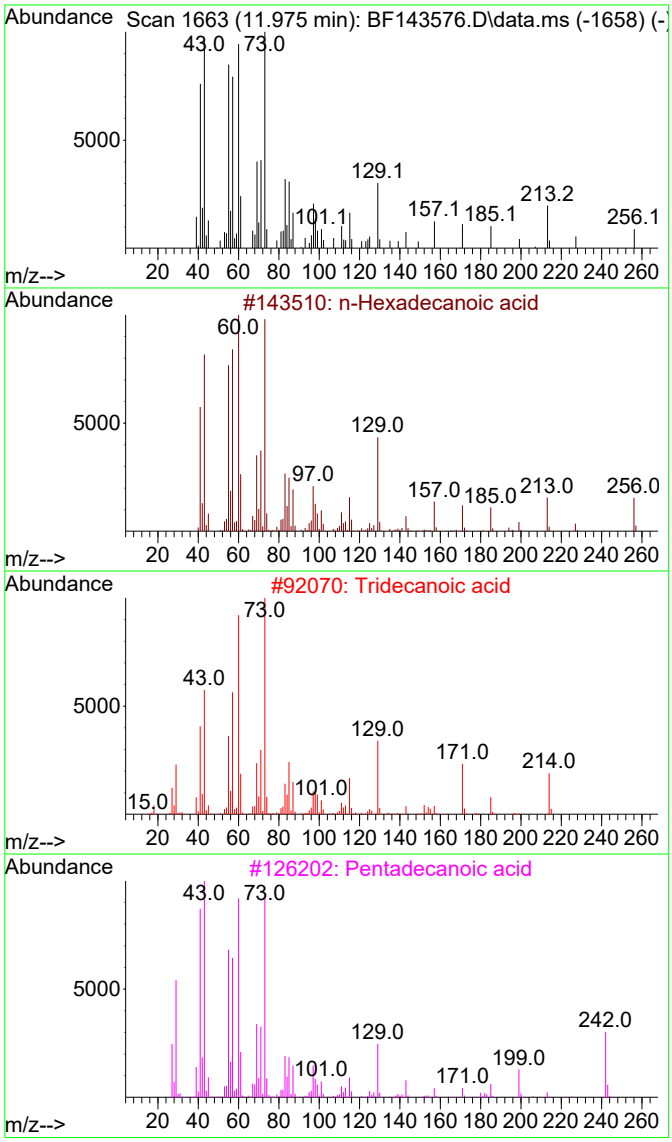
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

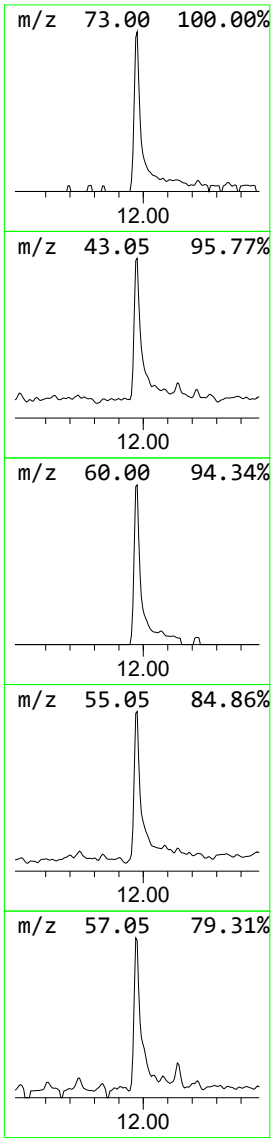
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	2.29 ng	113197	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143576.D
Acq On : 22 Aug 2025 16:53
Operator : RC/JU
Sample : Q2903-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16B-081925

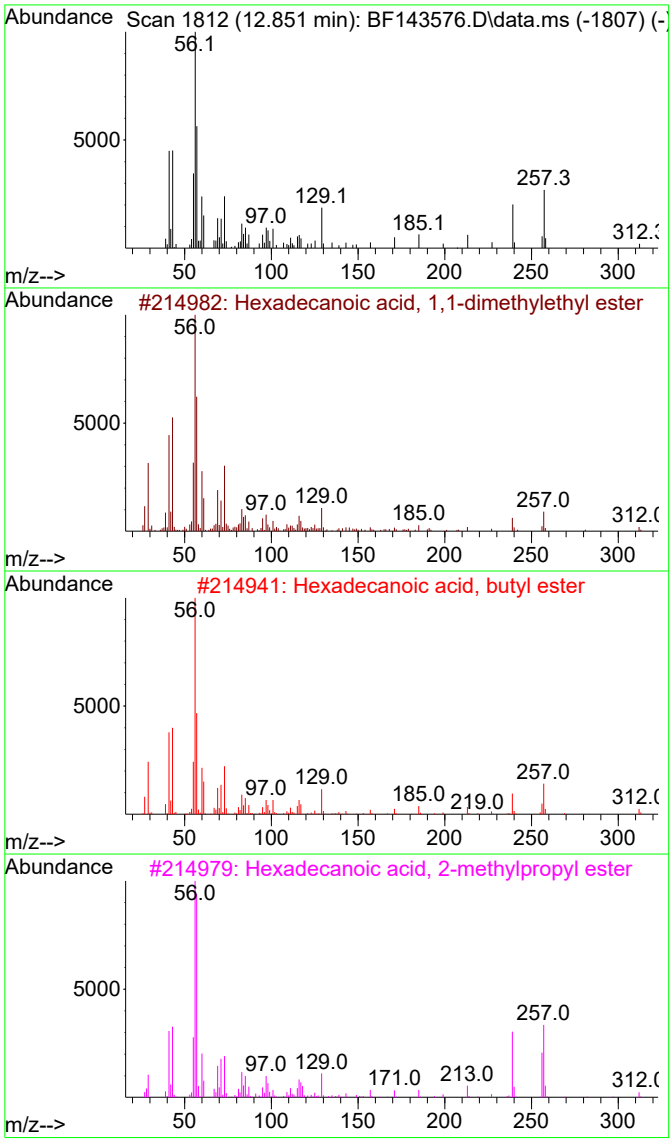
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

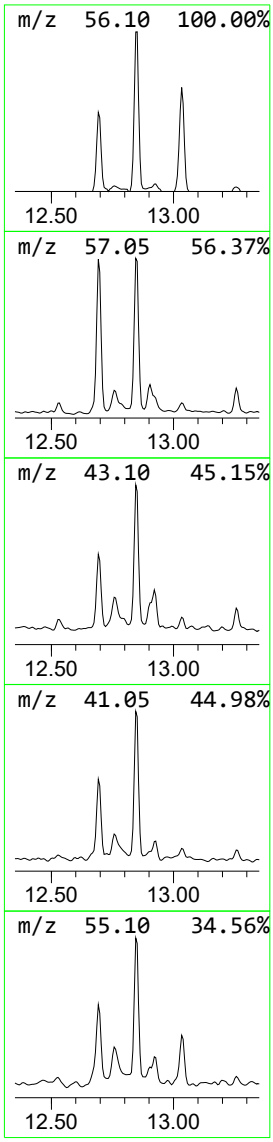
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexadecanoic acid, 1,1-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.851	3.22 ng	91076	Chrysene-d12	14.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	97
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	97
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	78
4	4,7,7-Trimethyl-3,9-dioxatricycl...	182	C10H14O3	1000187-22-5	35
5	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	35





Sample Results: **BF143576.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143576.D
Acq On : 22 Aug 2025 16:53
Operator : RC/JU
Sample : Q2903-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16B-081925

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...	2.257	113.5	ng	3312310	1	6.922	583846	20.0
2-Pentanone, 4-...	5.157	5.5	ng	159860	1	6.922	583846	20.0
Benzophenone	10.675	2.3	ng	110304	3	9.963	952971	20.0
n-Hexadecanoic ...	11.975	2.3	ng	113197	4	11.451	990119	20.0
Hexadecanoic ac...	12.851	3.2	ng	91076	5	14.092	566367	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.: Q2903

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.: Q2903

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.

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6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2903

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
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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

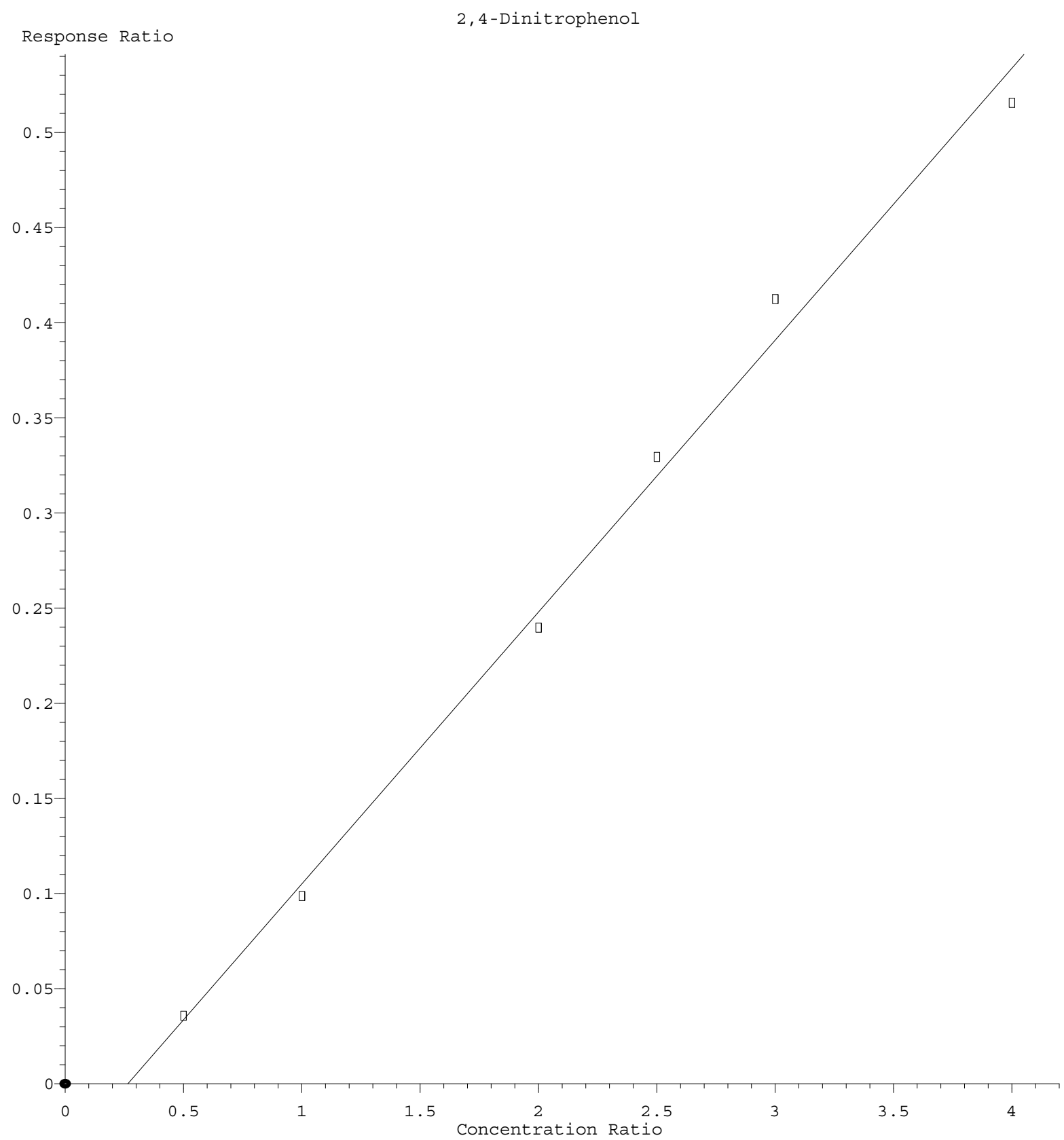
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF082025.M

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

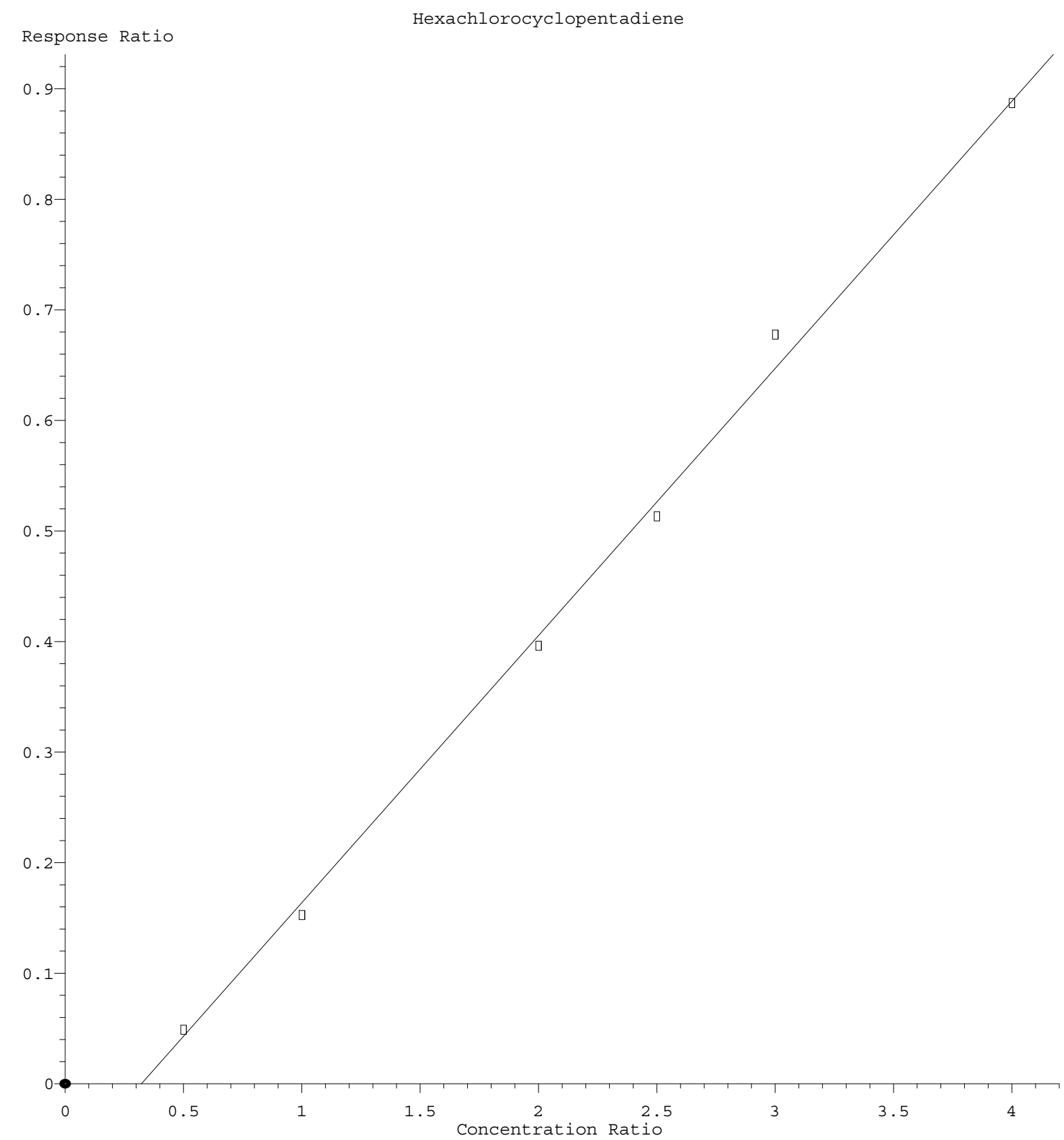
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF082025.M

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

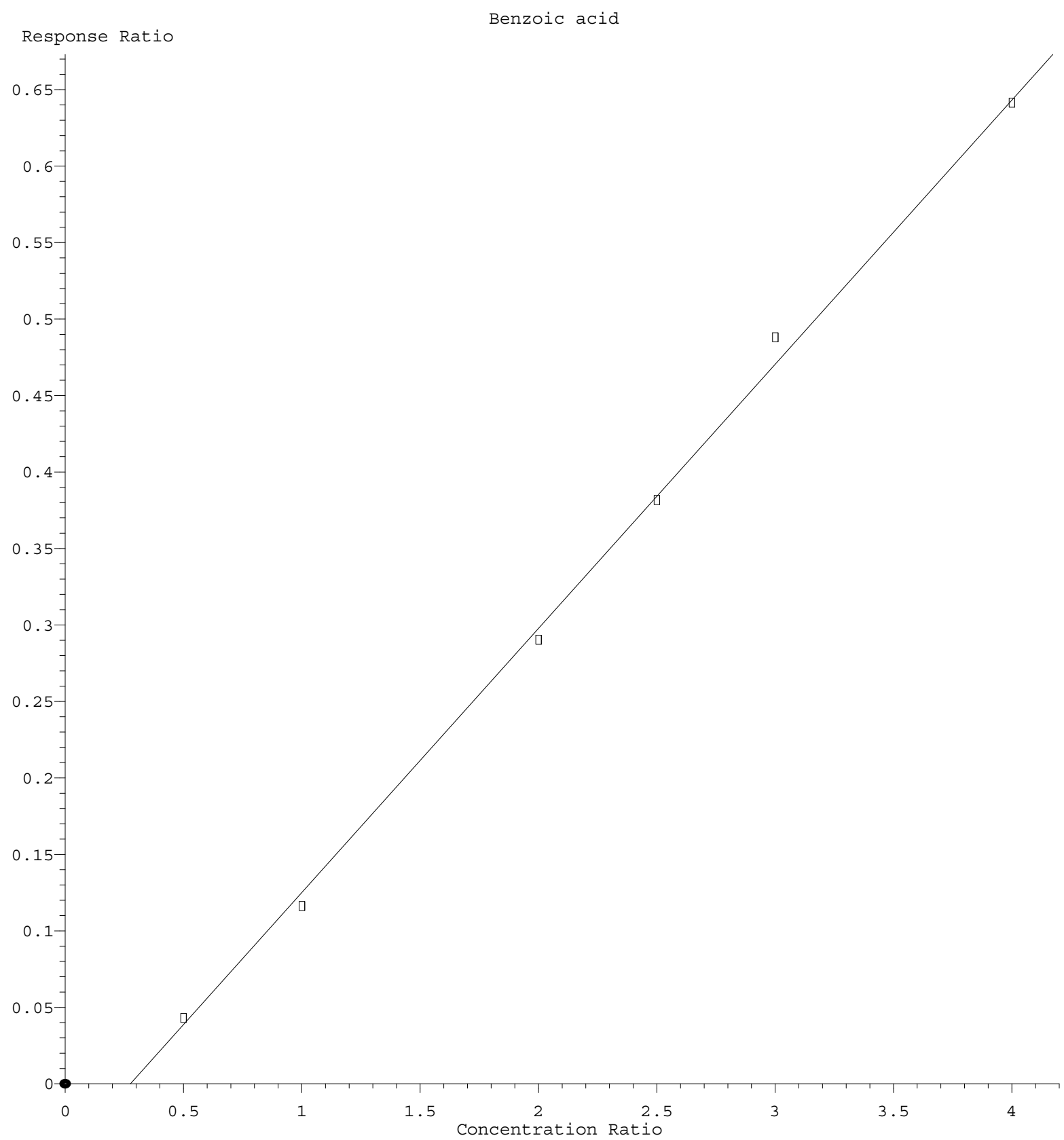
(#) = Out of Range



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

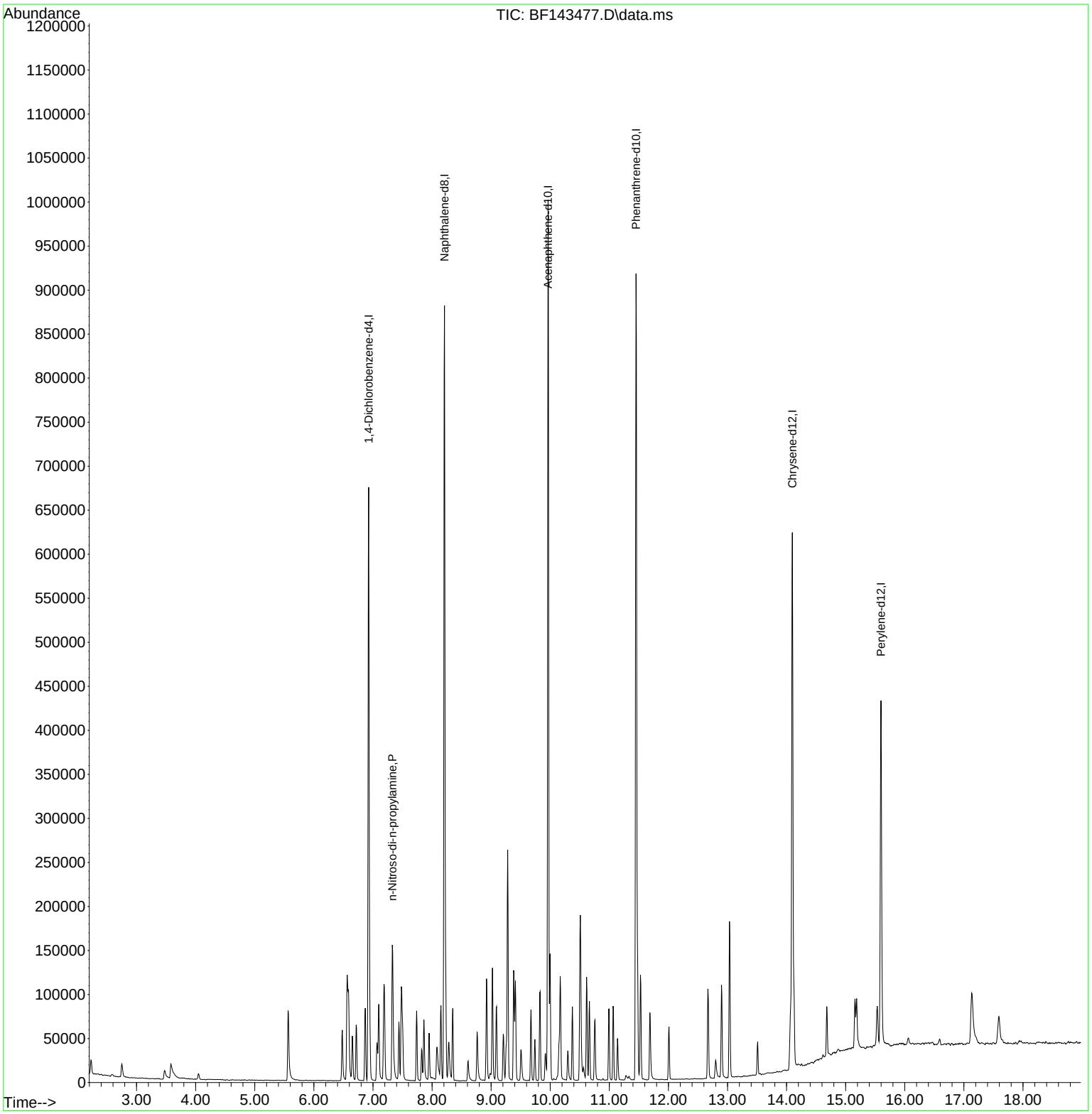
(#) = qualifier out of range (m) = manual integration (+) = signals summed

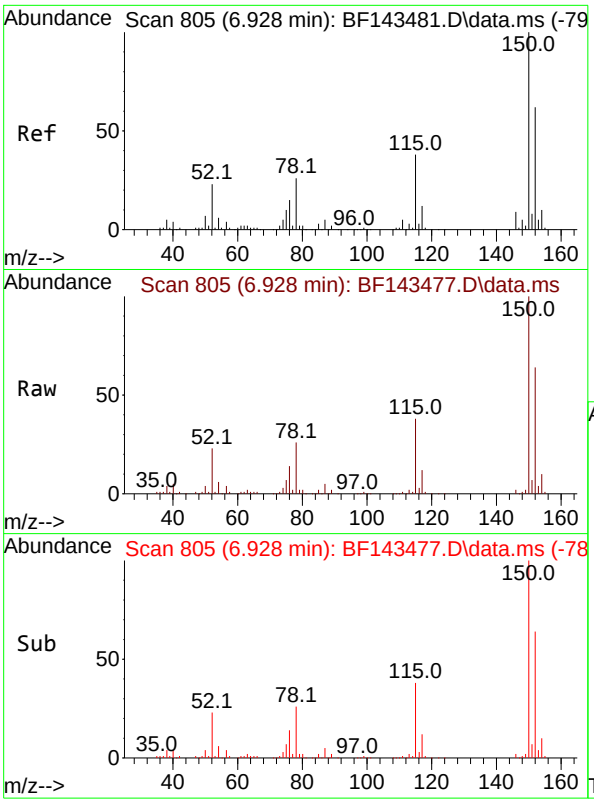
ICAL Form

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



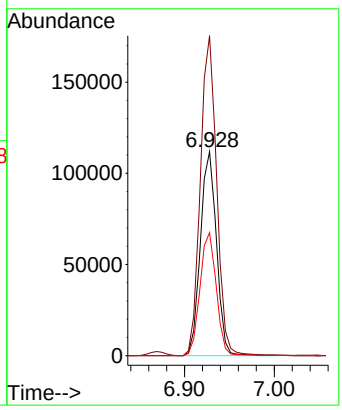


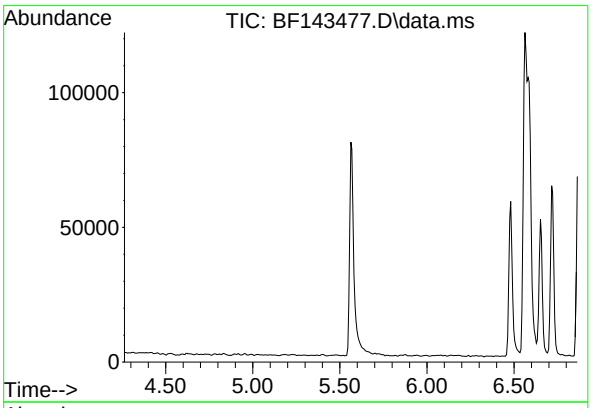
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143477.D
Acq: 20 Aug 2025 10:55

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



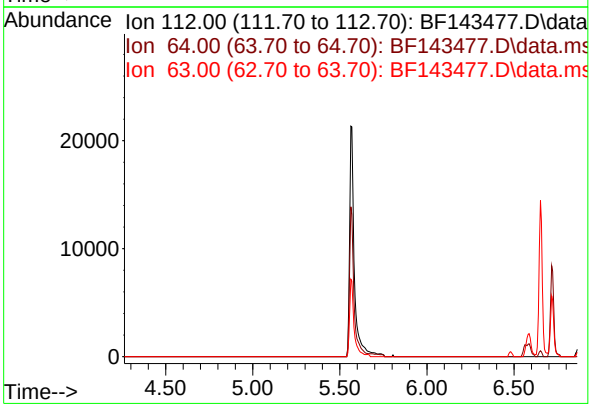


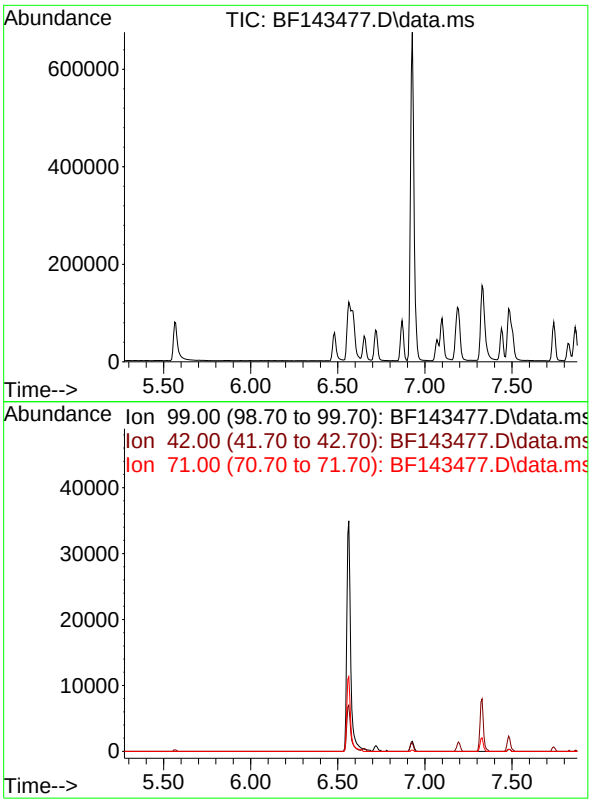
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.56 min

Lab File: BF143477.D
Acq: 20 Aug 2025 10:55

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	63.0
63	33.0





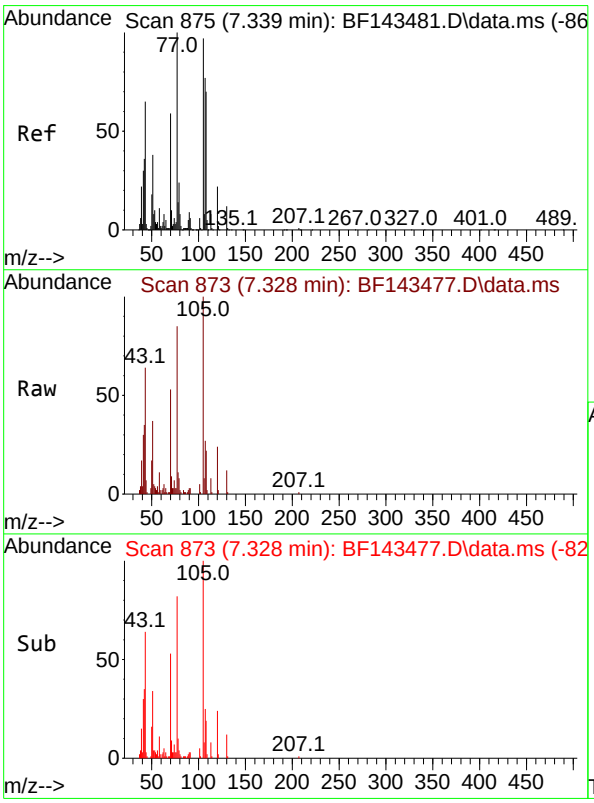
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.57 min

Lab File: BF143477.D
Acq: 20 Aug 2025 10:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

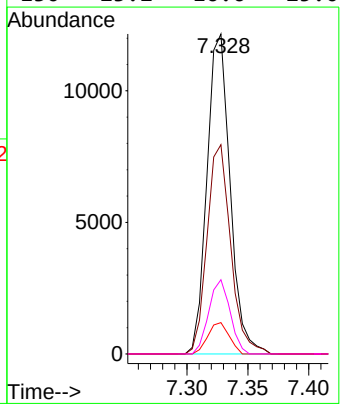
Sig	Exp Ratio
99	100
42	20.4
71	35.2

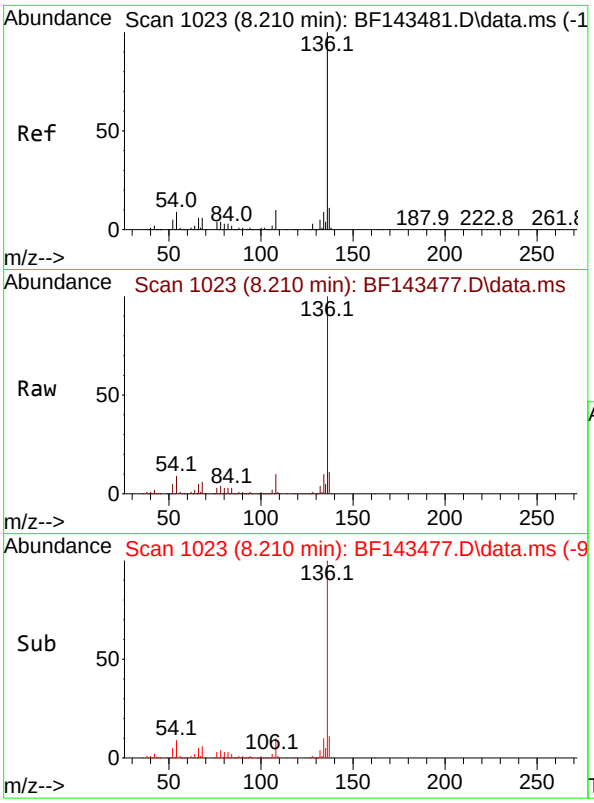


#19
n-Nitroso-di-n-propylamine
Concen: 2.667 ng
RT: 7.328 min Scan# 873
Delta R.T. -0.023 min
Lab File: BF143477.D
Acq: 20 Aug 2025 10:55

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



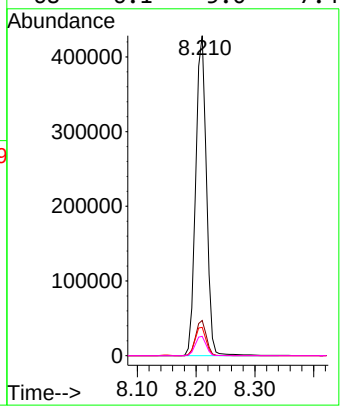


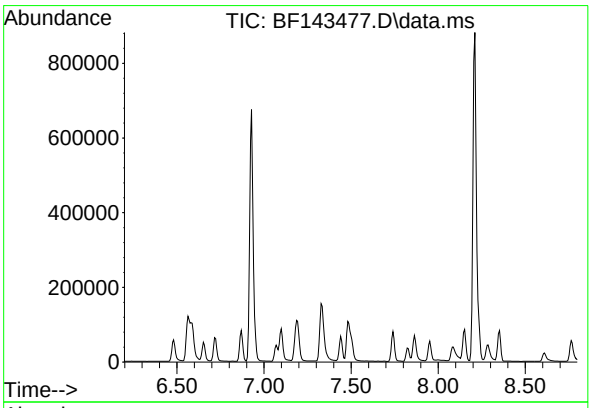
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143477.D
Acq: 20 Aug 2025 10:55

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



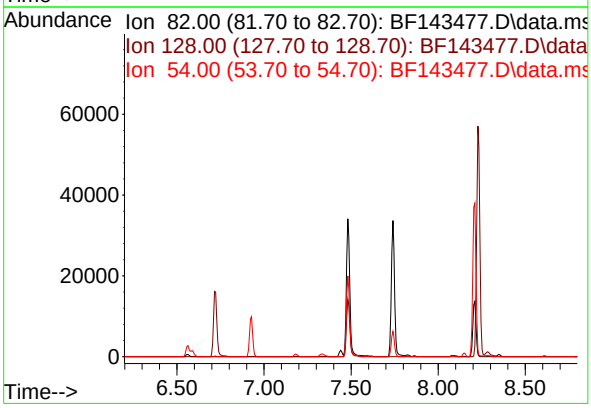


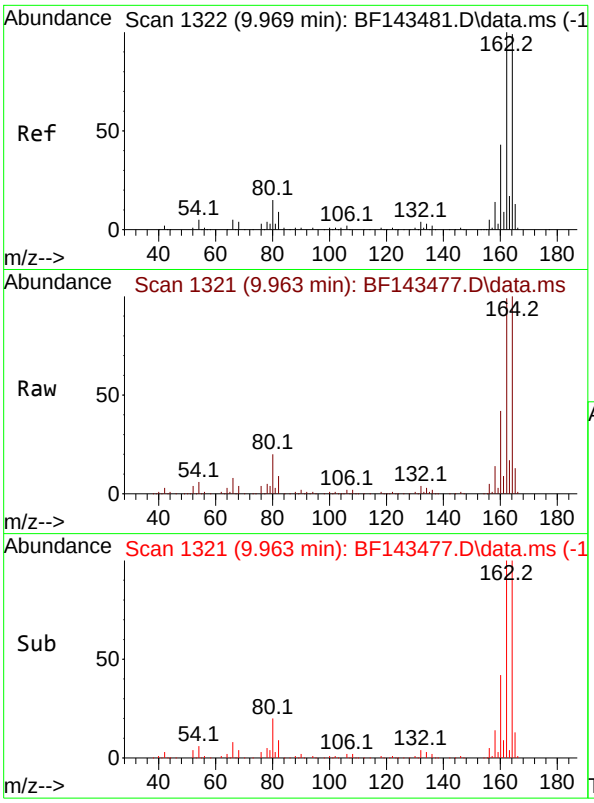
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.50 min

Lab File: BF143477.D
Acq: 20 Aug 2025 10:55

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	44.4
54	55.4



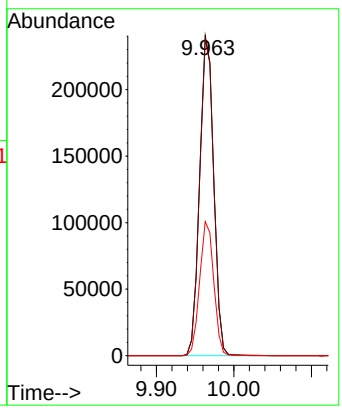


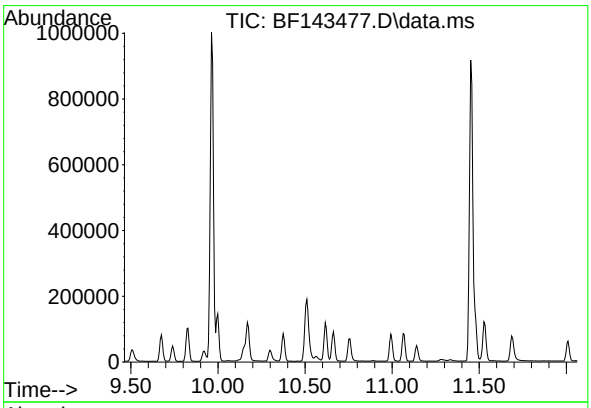
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143477.D
Acq: 20 Aug 2025 10:55

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



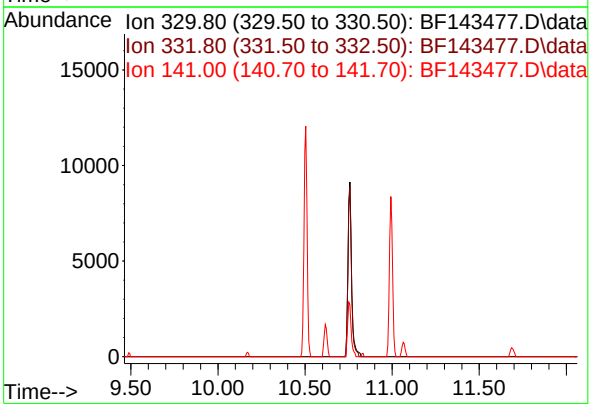


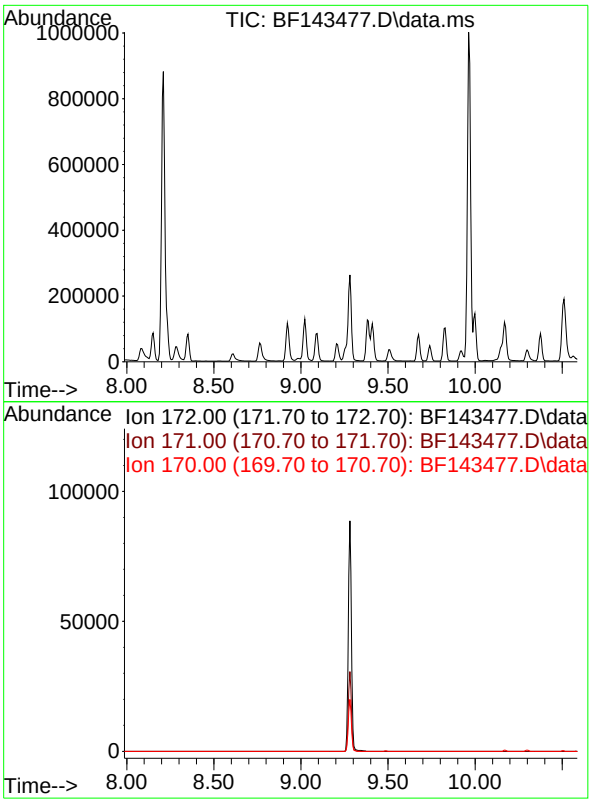
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.76 min

Lab File: BF143477.D
Acq: 20 Aug 2025 10:55

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.5
141	29.6





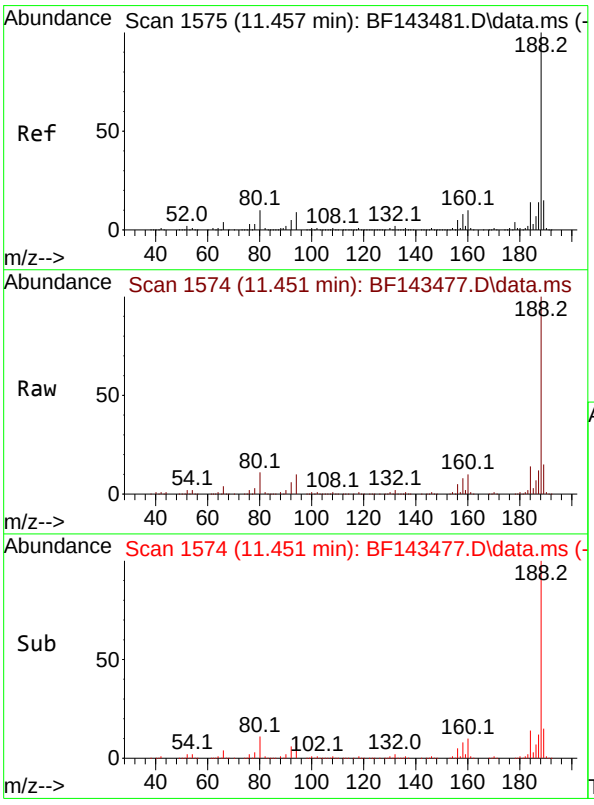
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.29 min

Lab File: BF143477.D
Acq: 20 Aug 2025 10:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

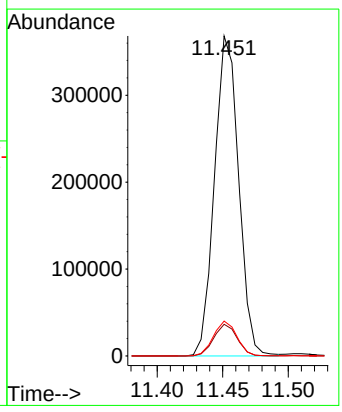
Sig	Exp Ratio
172	100
171	36.0
170	23.5

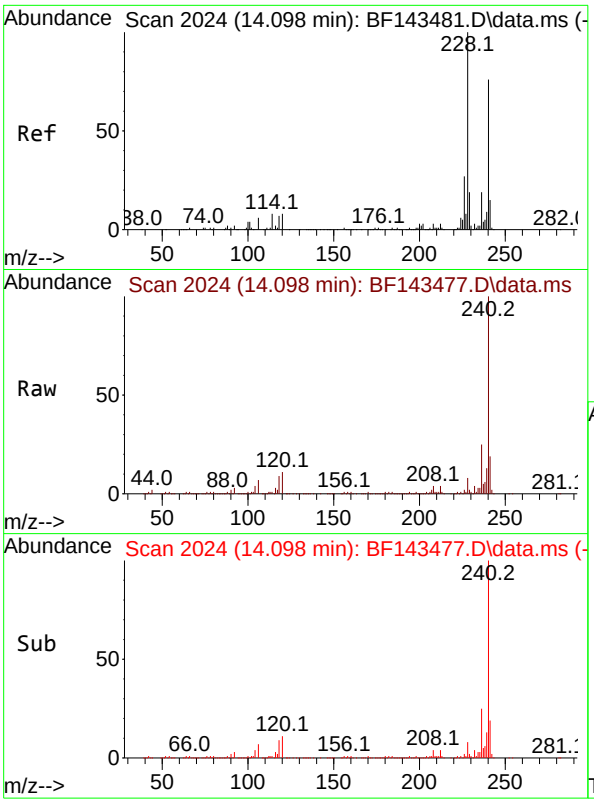


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF143477.D
Acq: 20 Aug 2025 10:55

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



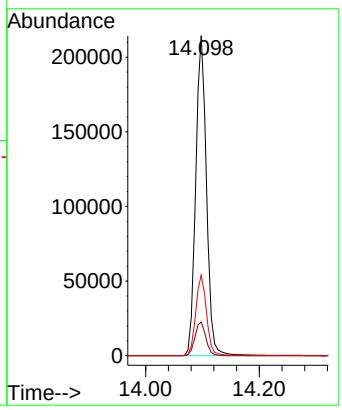


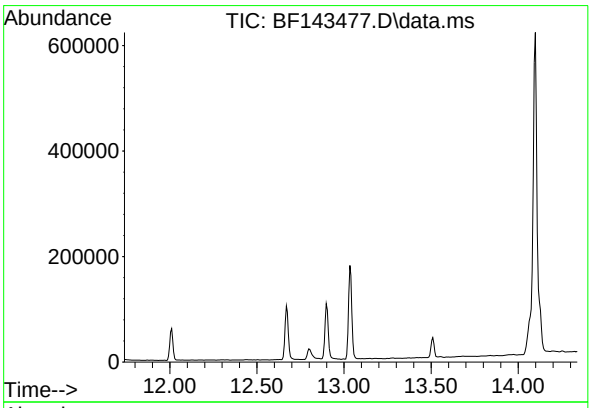
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143477.D
Acq: 20 Aug 2025 10:55

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



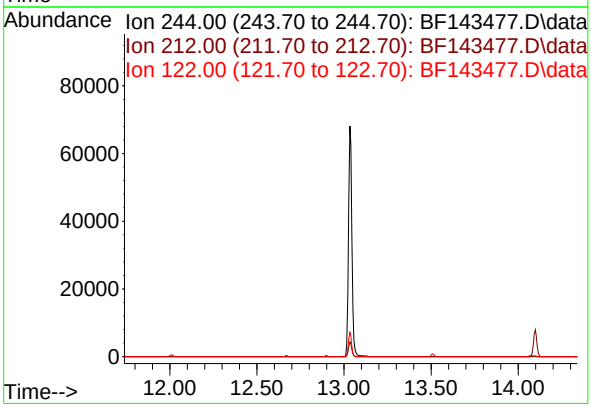


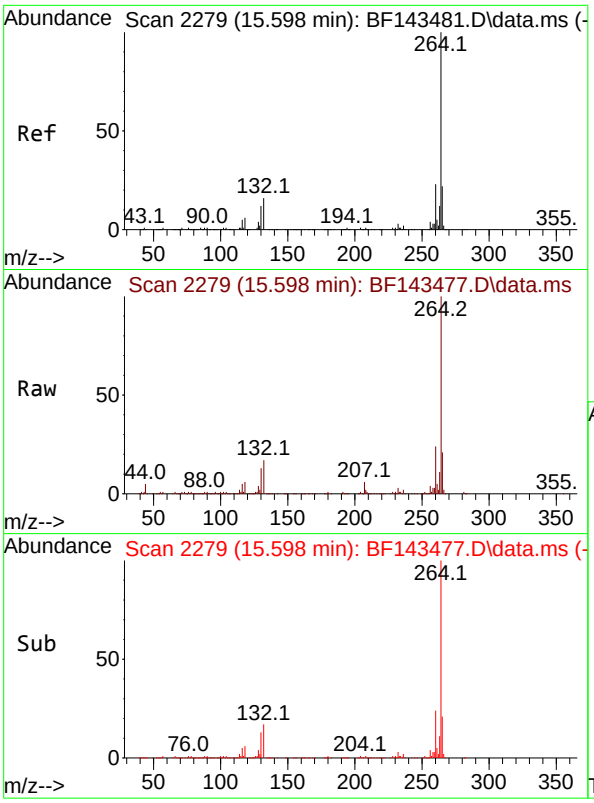
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.04 min

Lab File: BF143477.D
Acq: 20 Aug 2025 10:55

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	6.5
122	9.9



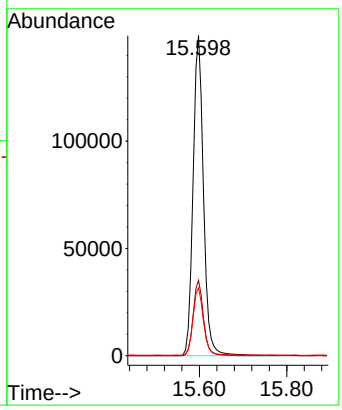


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143477.D
Acq: 20 Aug 2025 10:55

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

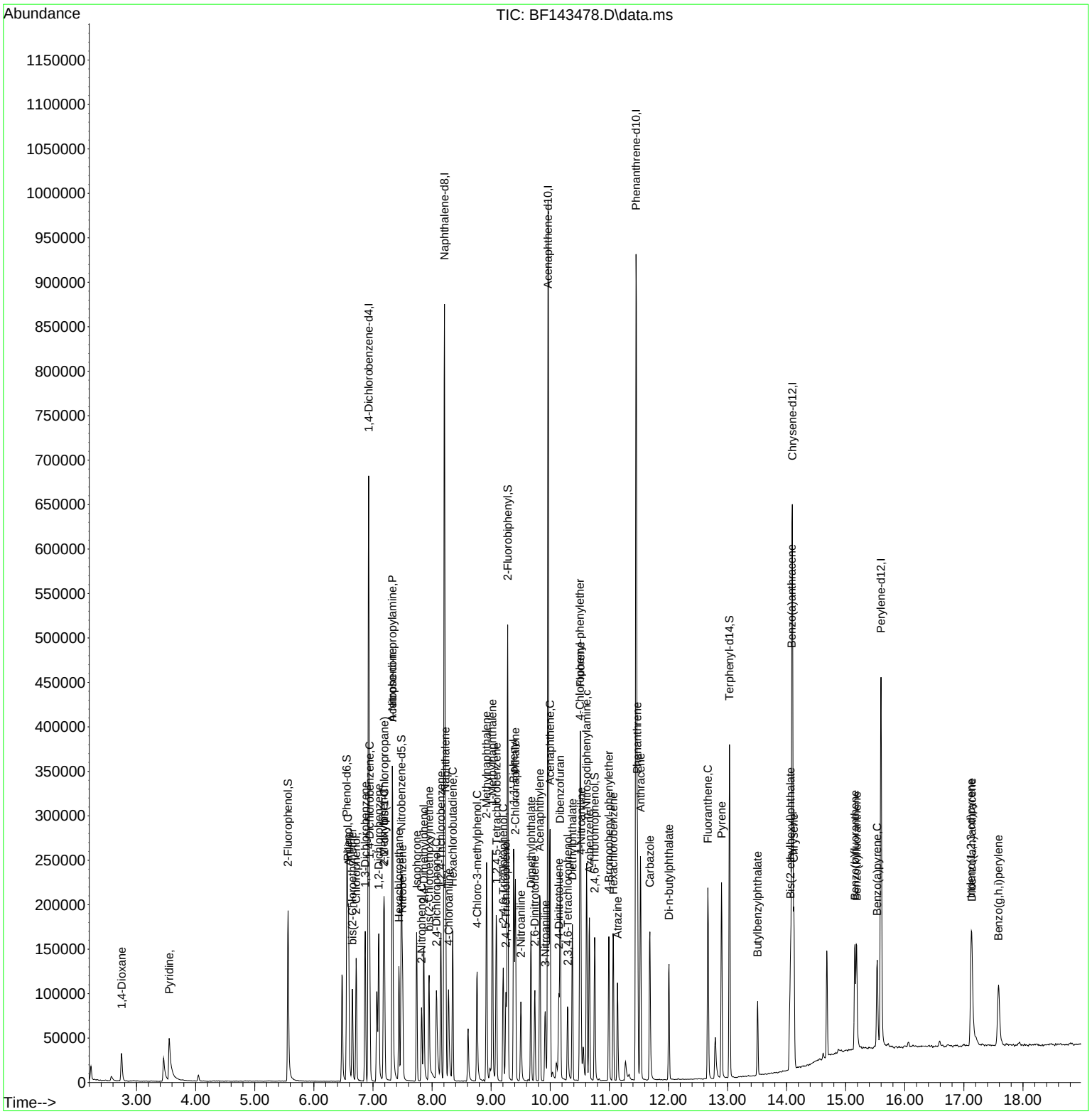
(#) = qualifier out of range (m) = manual integration (+) = signals summed

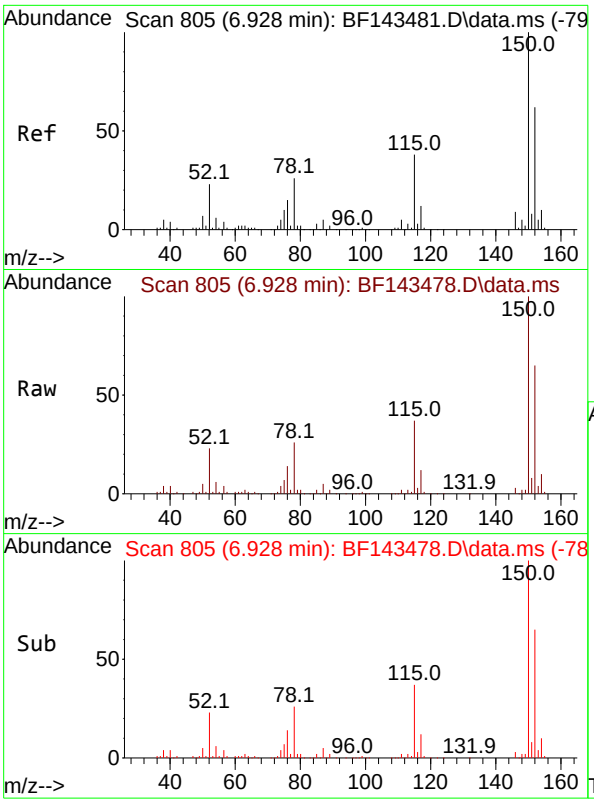
ICAL Form

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



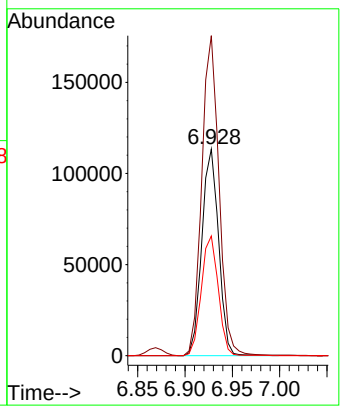


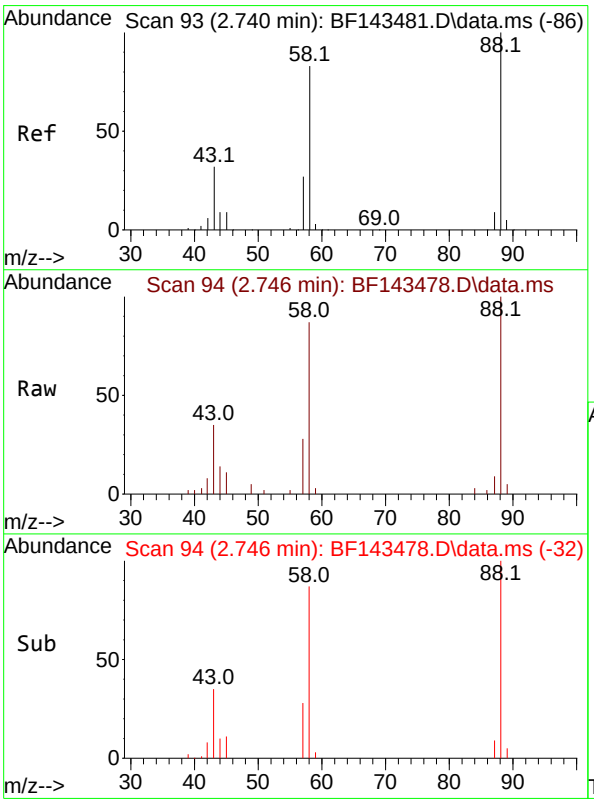
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

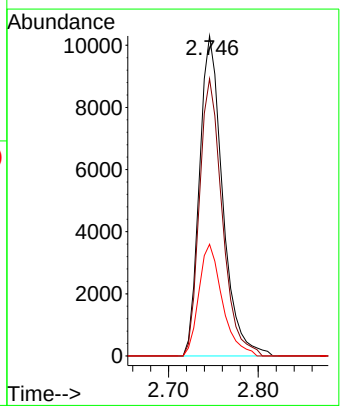


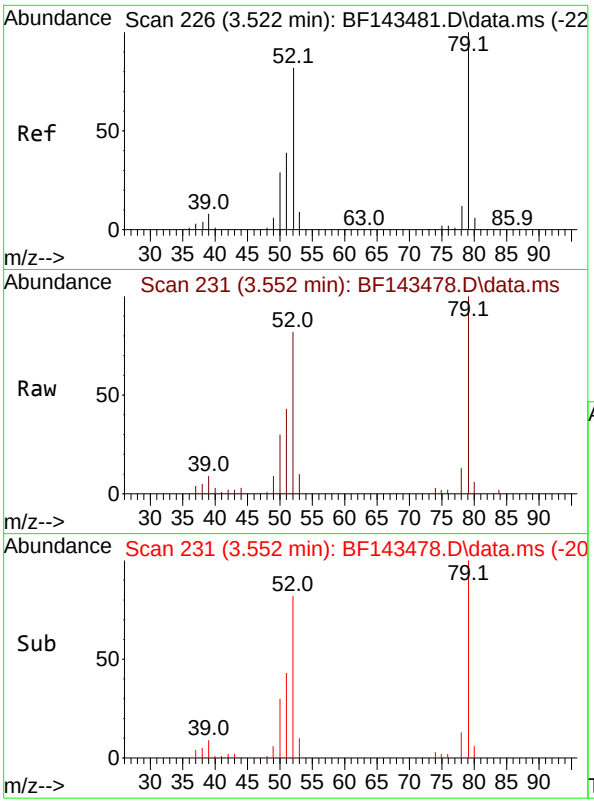


#2
1,4-Dioxane
Concen: 4.976 ng
RT: 2.746 min Scan# 94
Delta R.T. 0.012 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



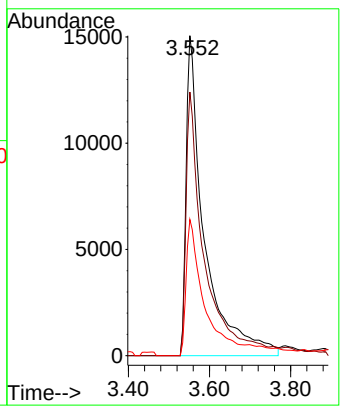


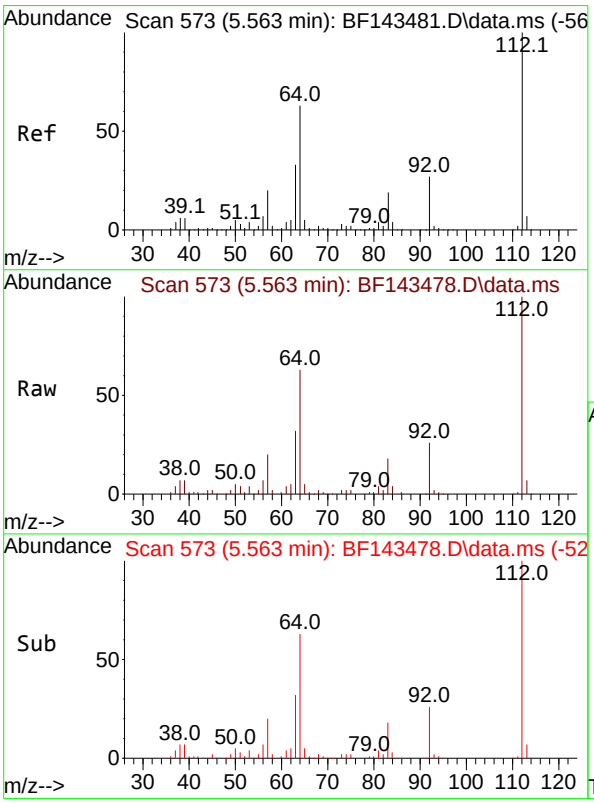
#3
Pyridine
Concen: 4.739 ng
RT: 3.552 min Scan# 2
Delta R.T. 0.035 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

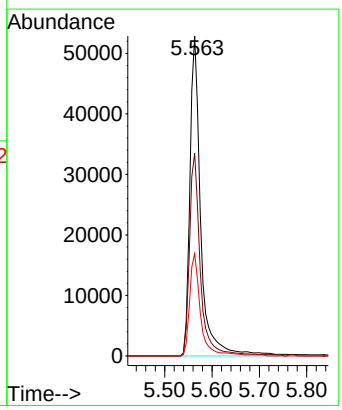


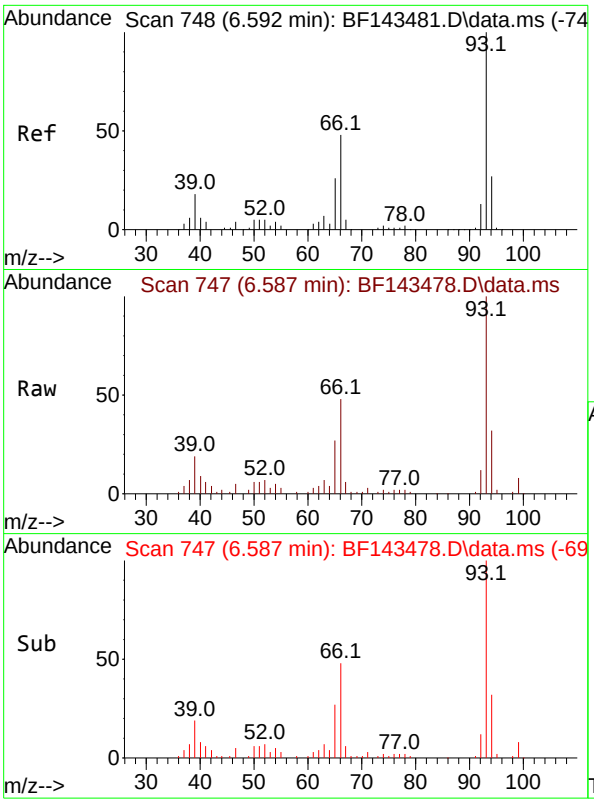


#5
2-Fluorophenol
Concen: 10.505 ng
RT: 5.563 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



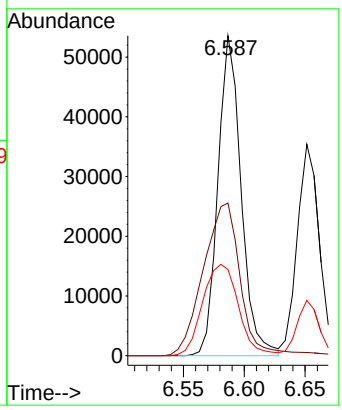


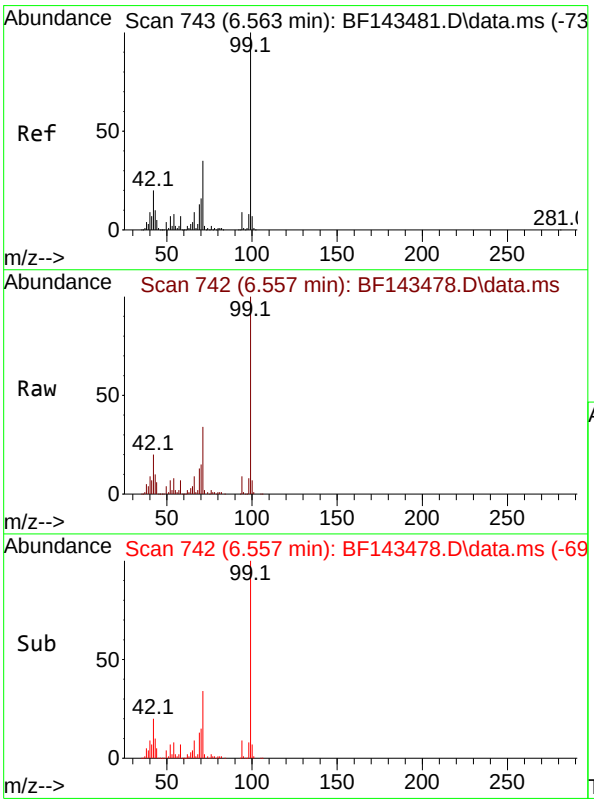
#6
Aniline
Concen: 5.381 ng
RT: 6.587 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

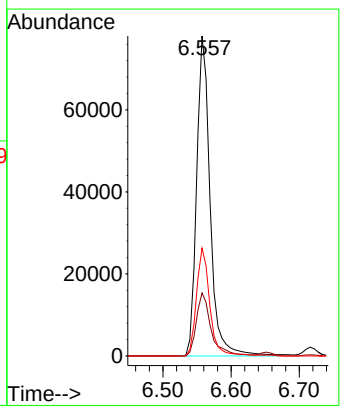


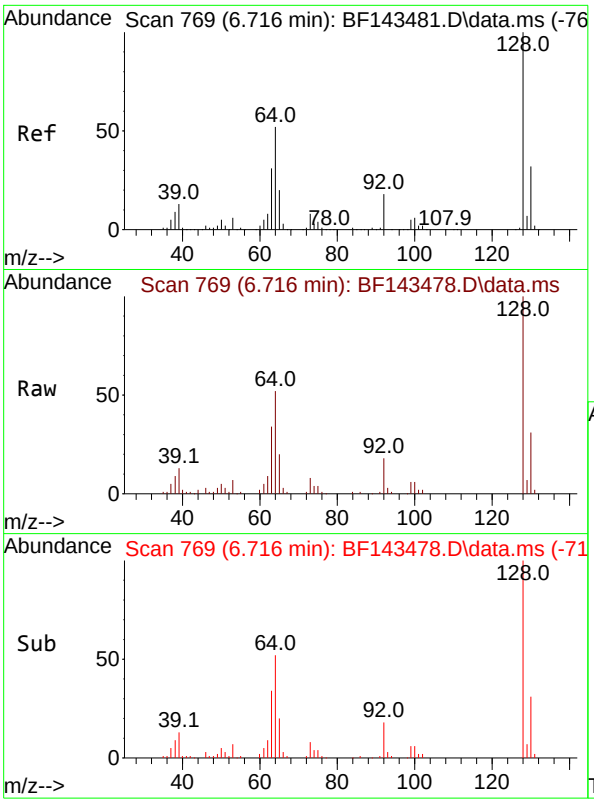


#7
Phenol-d6
Concen: 10.867 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.018 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



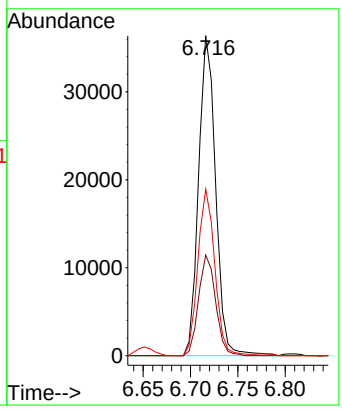


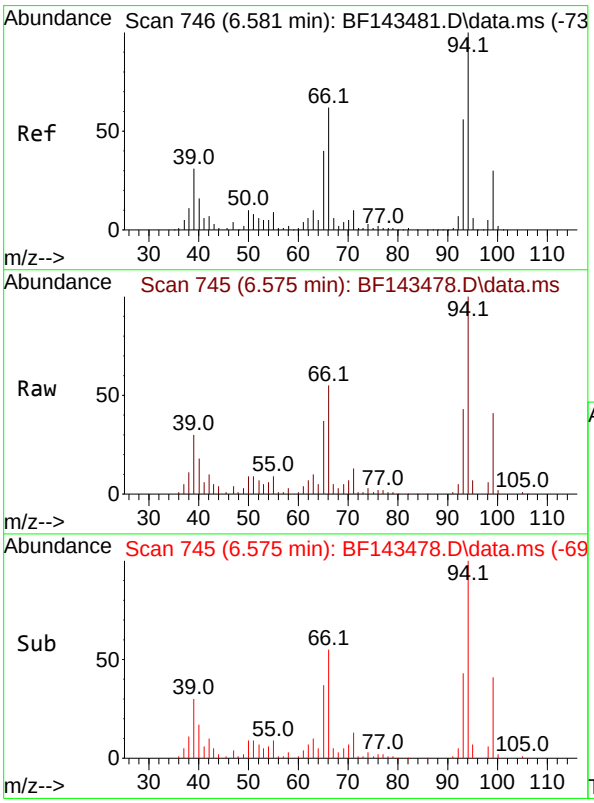
#8
2-Chlorophenol
Concen: 5.142 ng
RT: 6.716 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

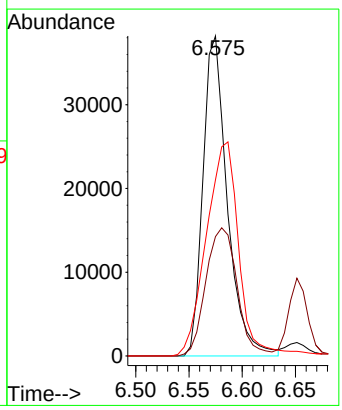


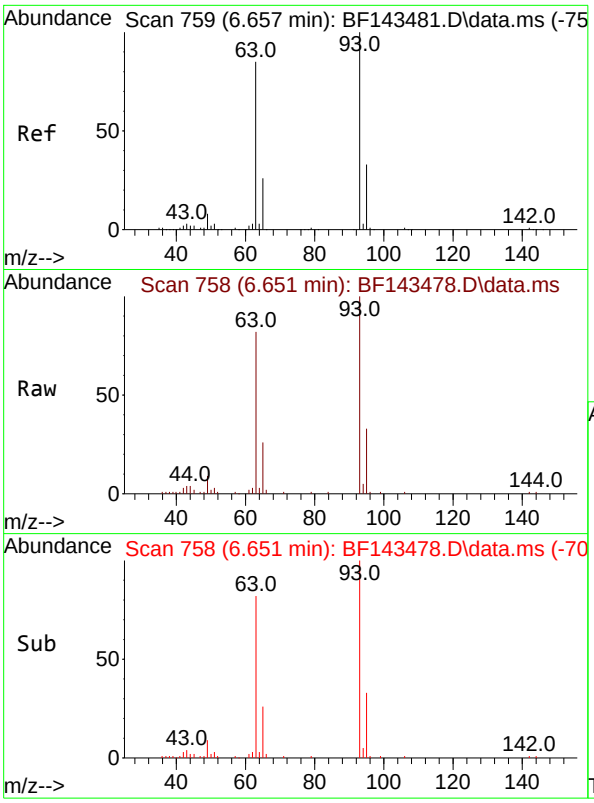


#10
Phenol
Concen: 5.343 ng
RT: 6.575 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



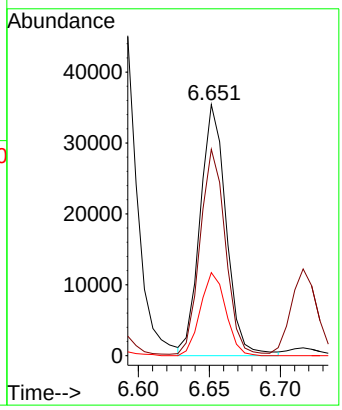


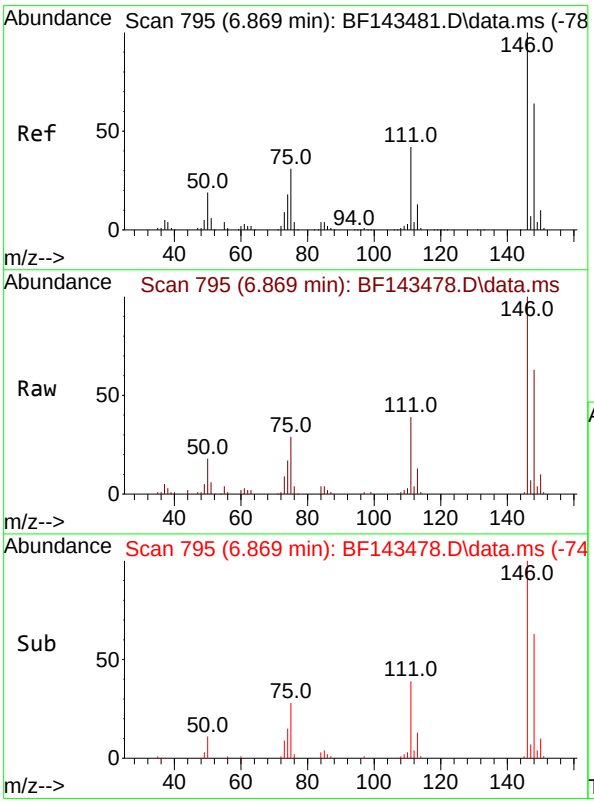
#11
bis(2-Chloroethyl)ether
Concen: 5.323 ng
RT: 6.651 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

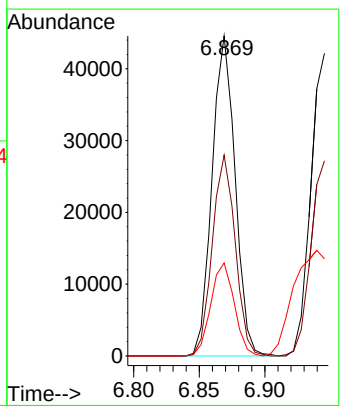


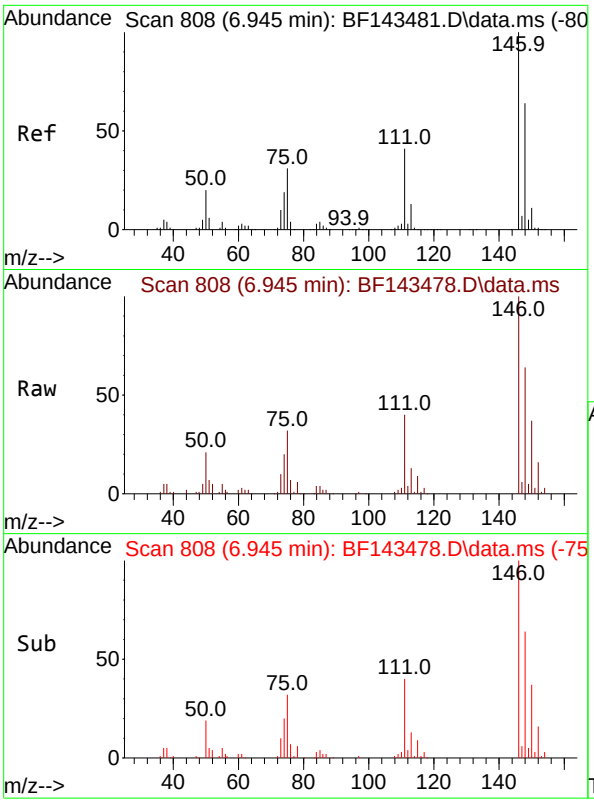


#12
1,3-Dichlorobenzene
Concen: 5.480 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



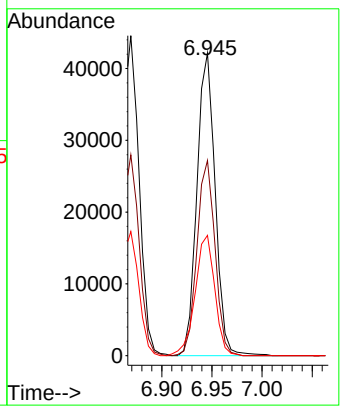


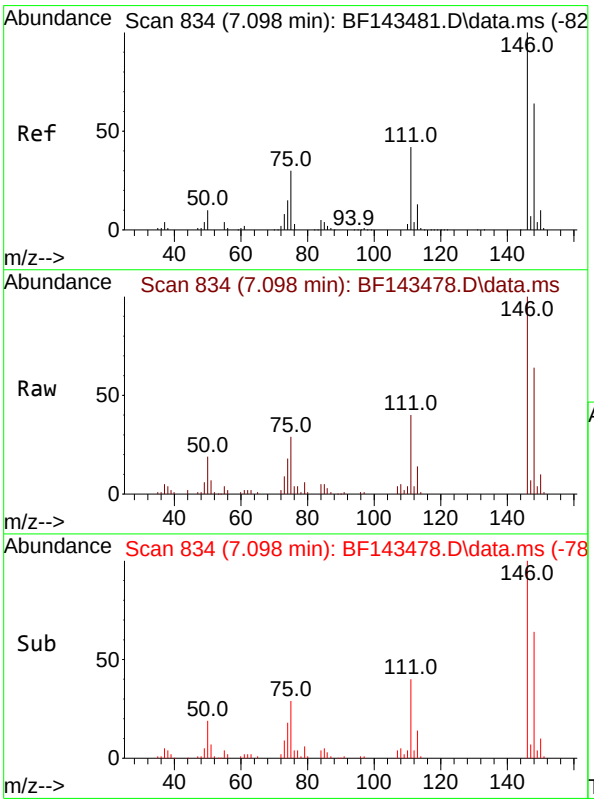
#13
1,4-Dichlorobenzene
Concen: 5.368 ng
RT: 6.945 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

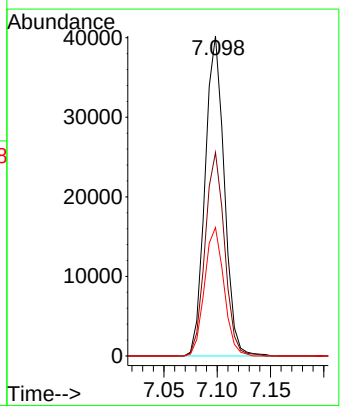


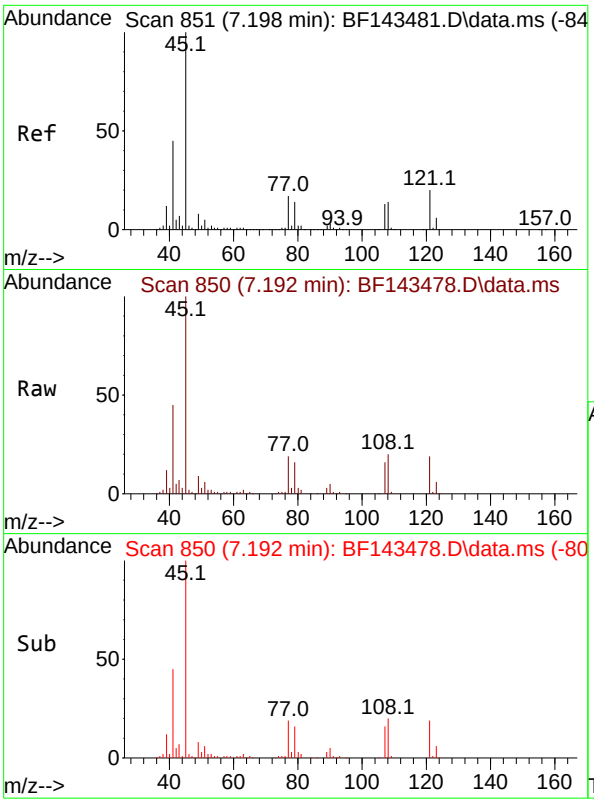


#14
1,2-Dichlorobenzene
Concen: 5.362 ng
RT: 7.098 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



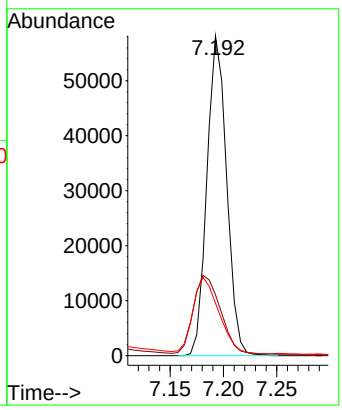


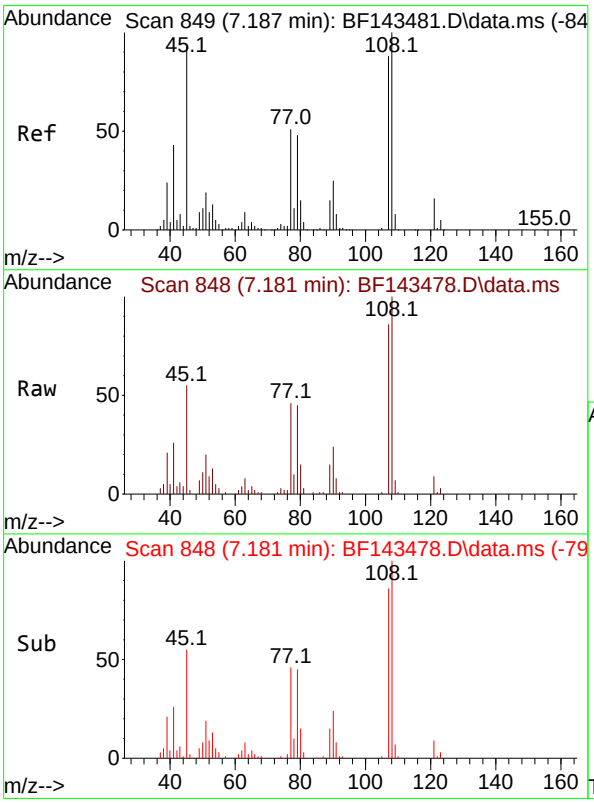
#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.504 ng
RT: 7.192 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

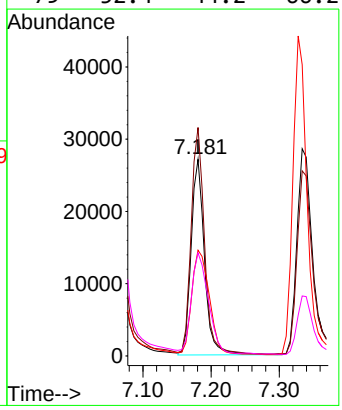


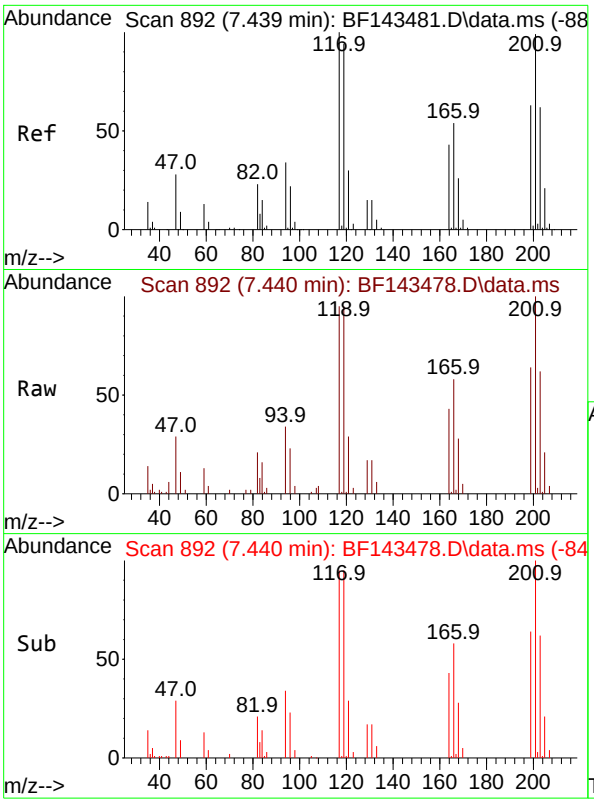


#17
2-Methylphenol
Concen: 5.180 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



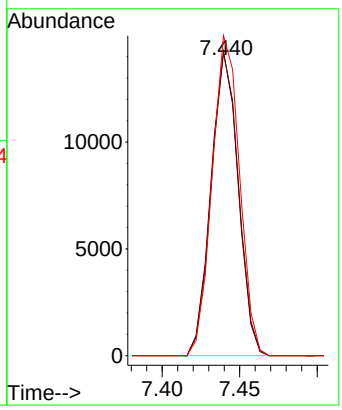


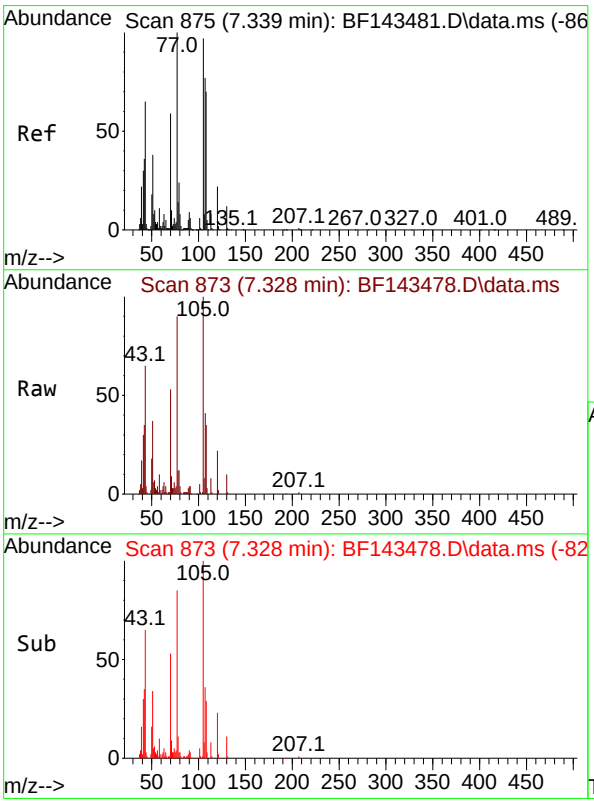
#18
Hexachloroethane
Concen: 5.108 ng
RT: 7.440 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

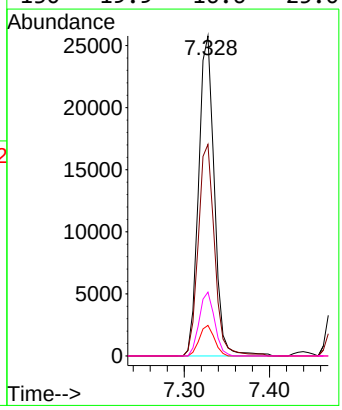


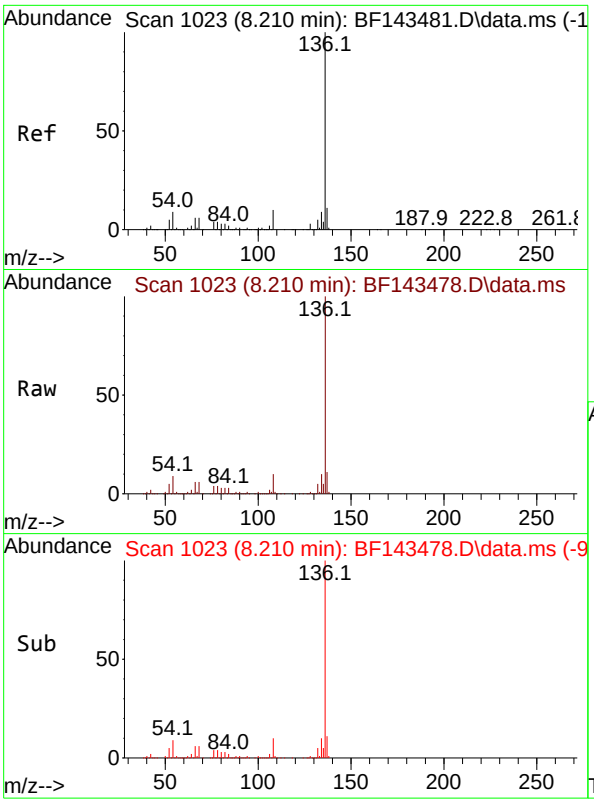


#19
n-Nitroso-di-n-propylamine
Concen: 5.458 ng
RT: 7.328 min Scan# 873
Delta R.T. -0.024 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



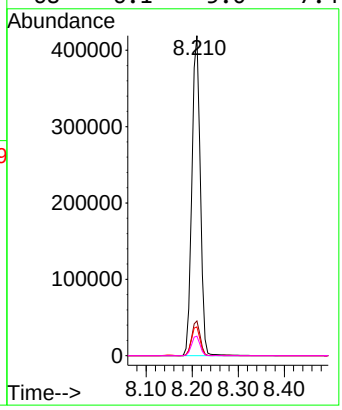


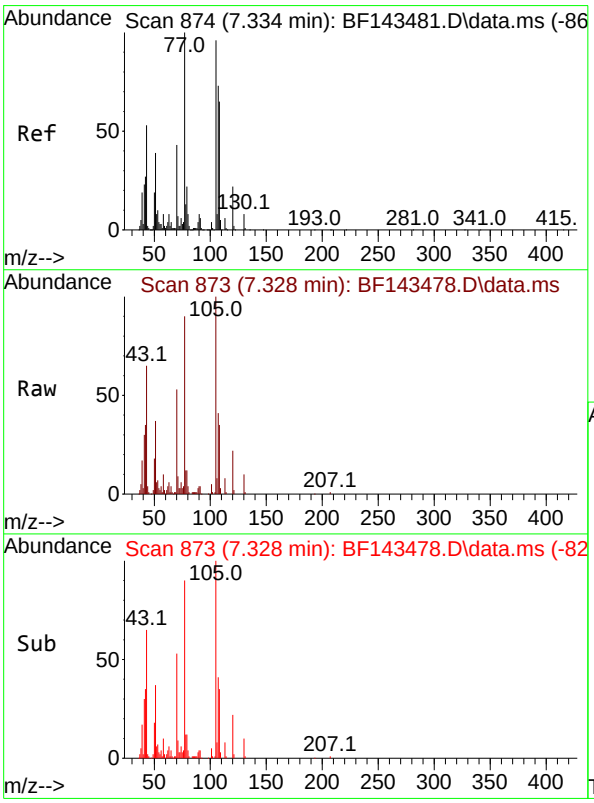
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

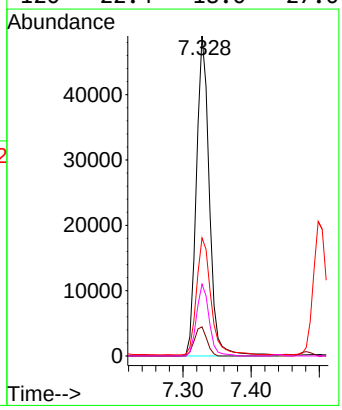


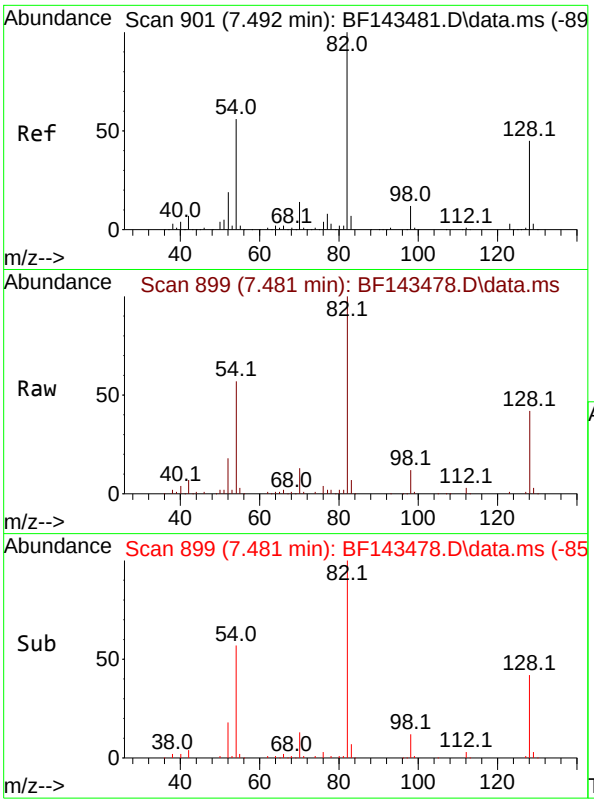


#22
Acetophenone
Concen: 5.658 ng
RT: 7.328 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



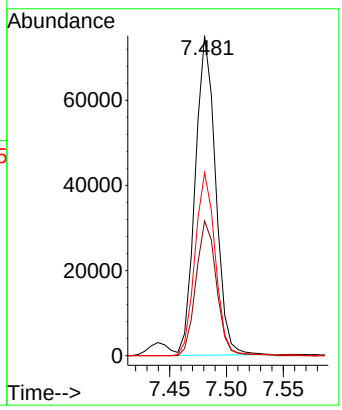


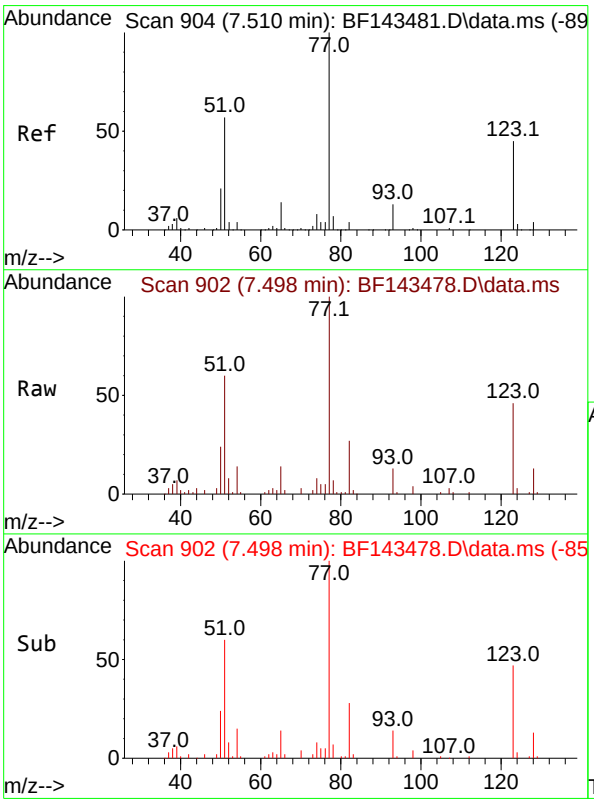
#23
Nitrobenzene-d5
Concen: 10.327 ng
RT: 7.481 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

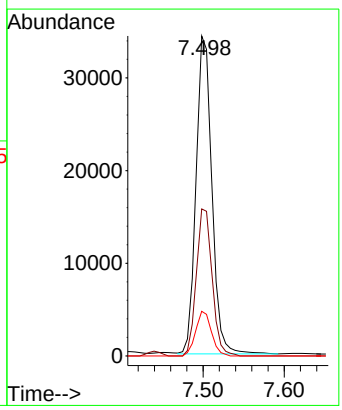


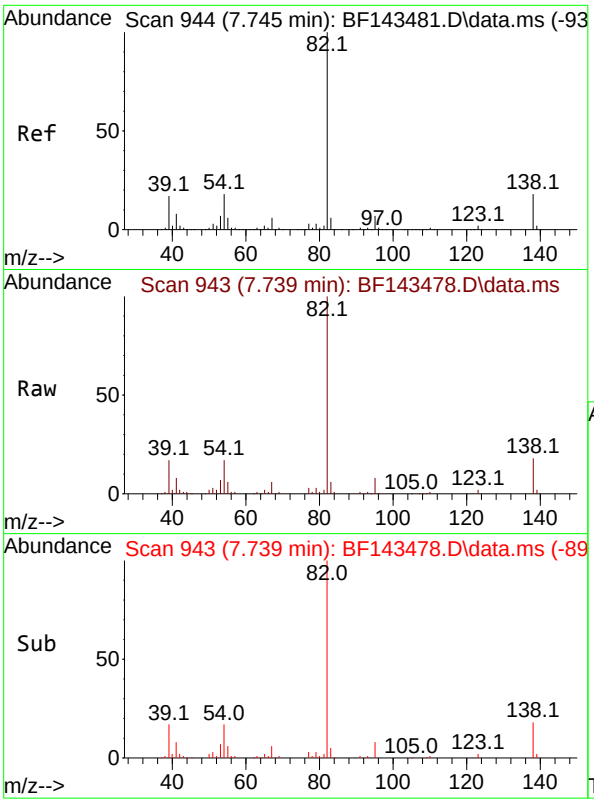


#24
Nitrobenzene
Concen: 5.004 ng
RT: 7.498 min Scan# 902
Delta R.T. -0.018 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



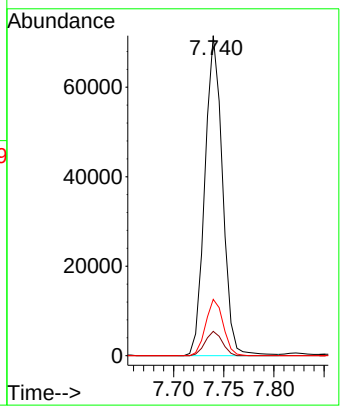


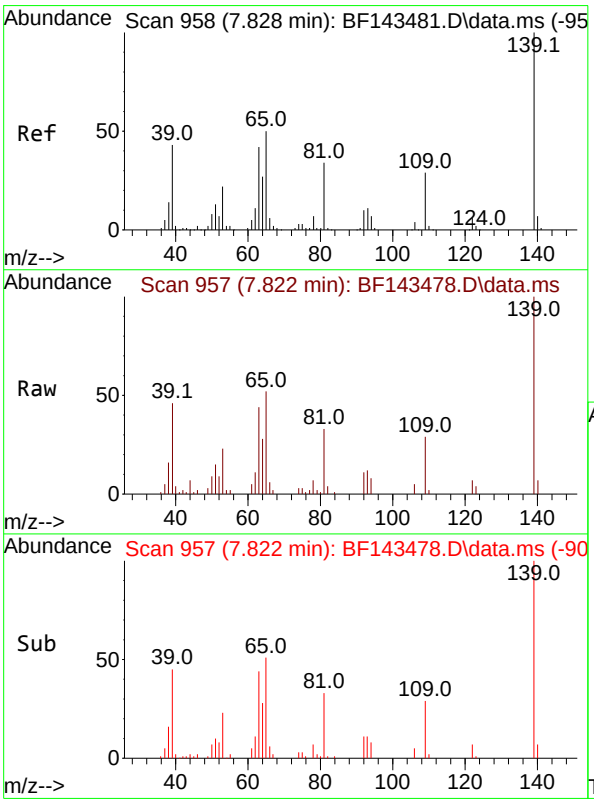
#25
Isophorone
Concen: 5.298 ng
RT: 7.739 min Scan# 94
Delta R.T. -0.018 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

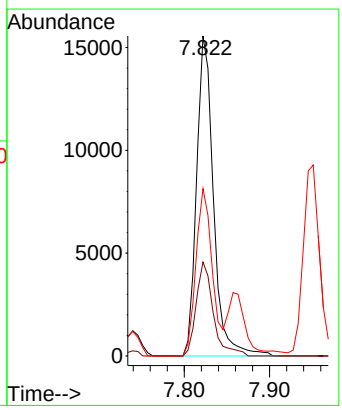


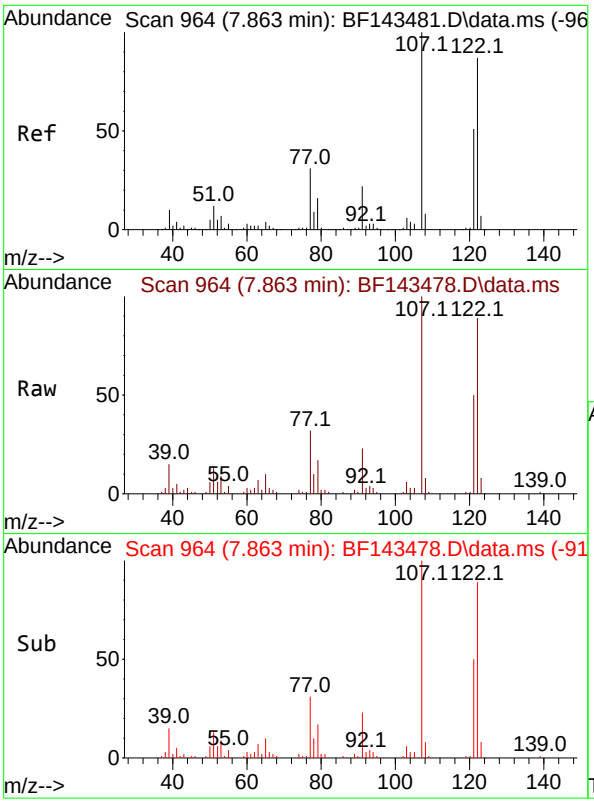


#26
2-Nitrophenol
Concen: 4.697 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



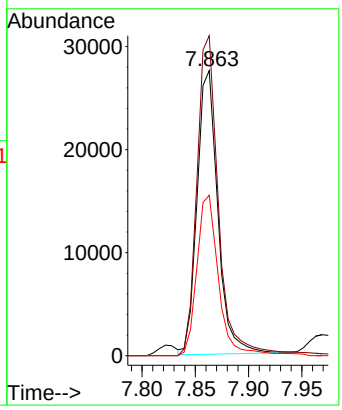


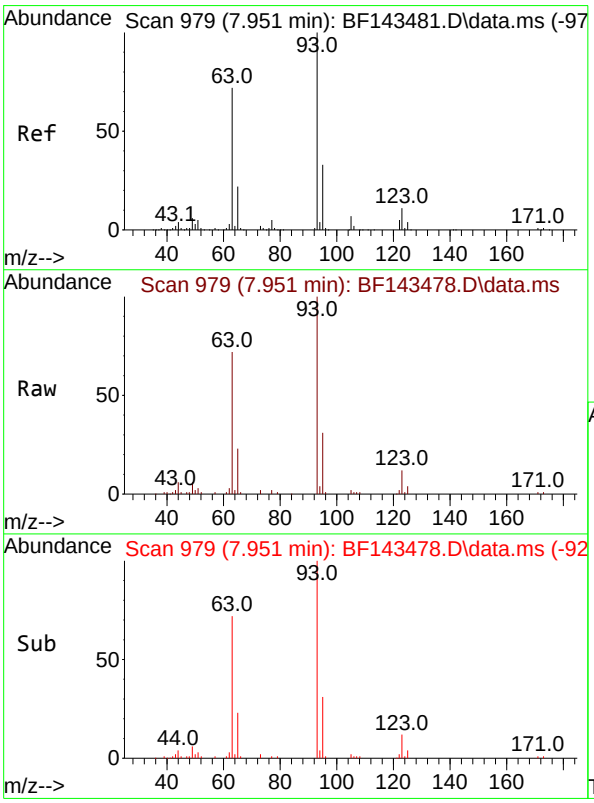
#27
2,4-Dimethylphenol
Concen: 5.255 ng
RT: 7.863 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

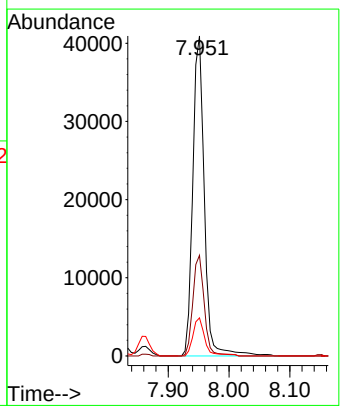


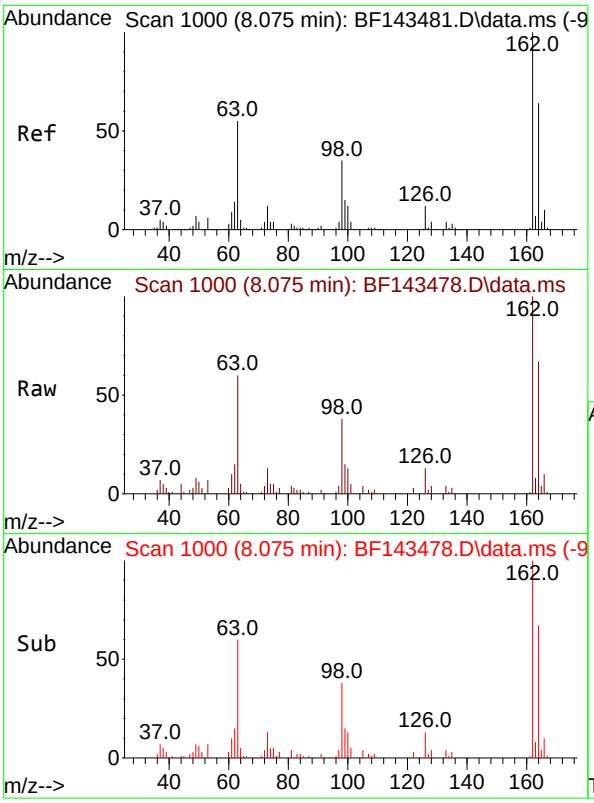


#28
bis(2-Chloroethoxy)methane
Concen: 5.299 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



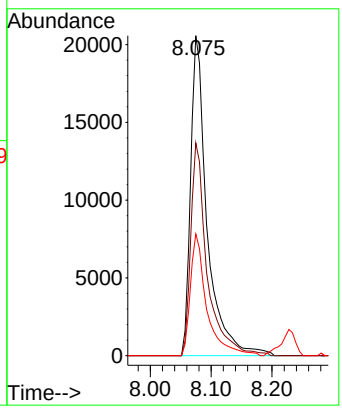


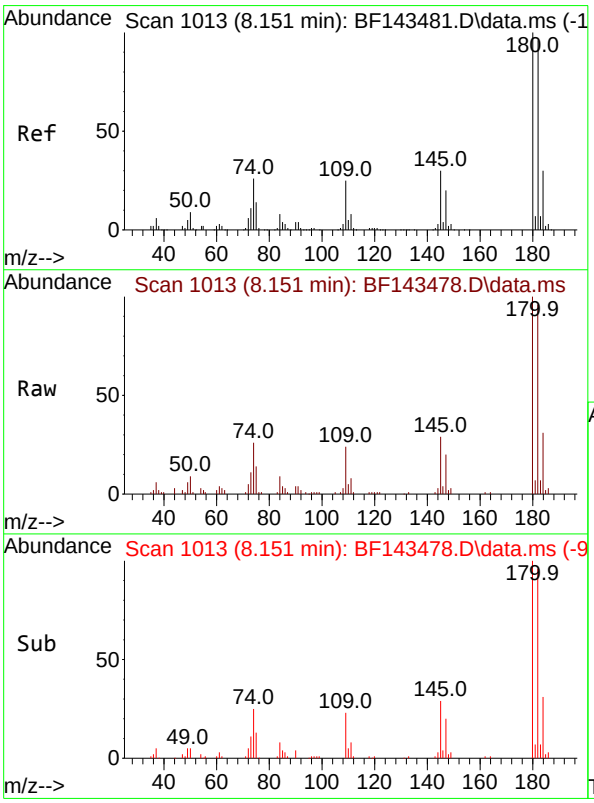
#29
2,4-Dichlorophenol
Concen: 5.093 ng
RT: 8.075 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

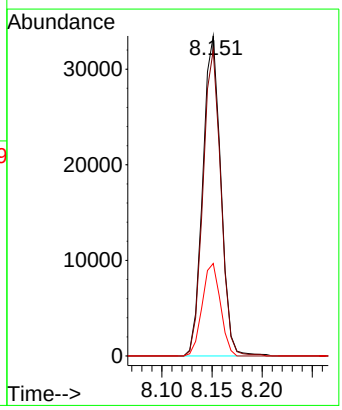


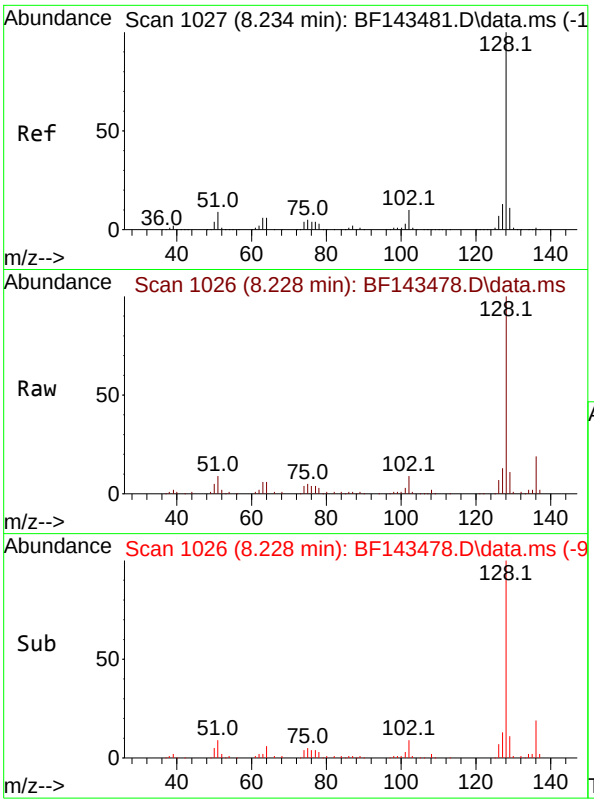


#30
1,2,4-Trichlorobenzene
Concen: 5.382 ng
RT: 8.151 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



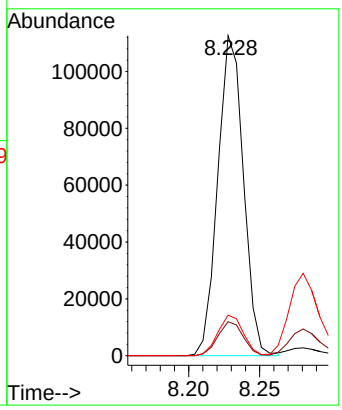


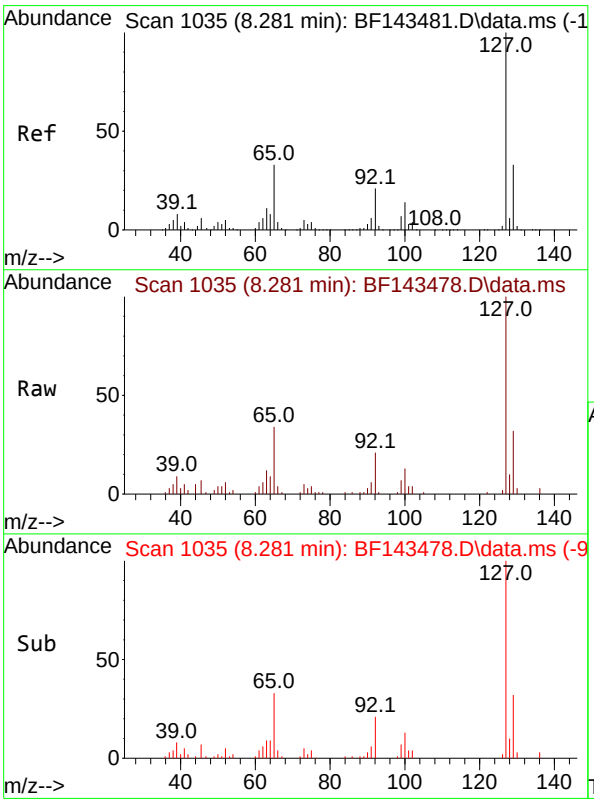
#31
Naphthalene
Concen: 5.565 ng
RT: 8.228 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

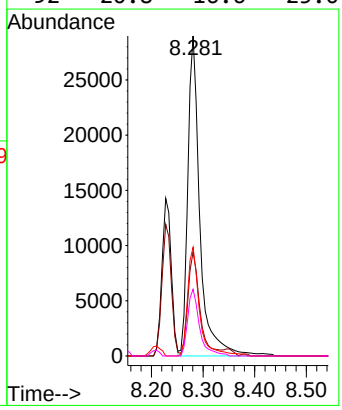


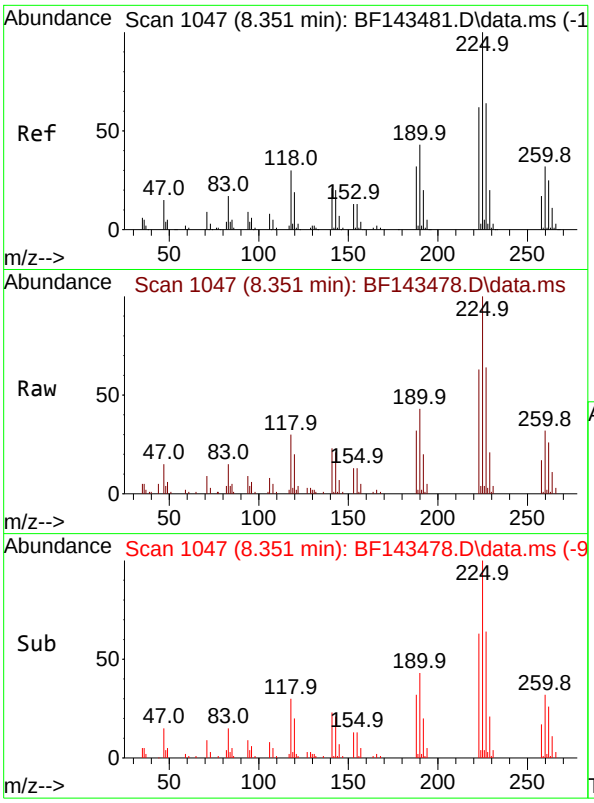


#33
4-Chloroaniline
Concen: 5.264 ng
RT: 8.281 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



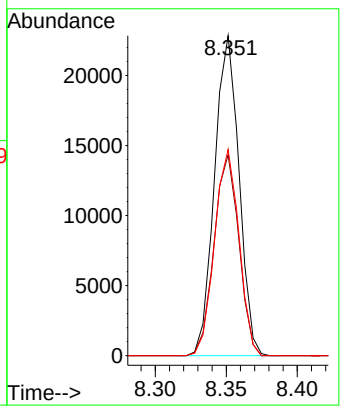


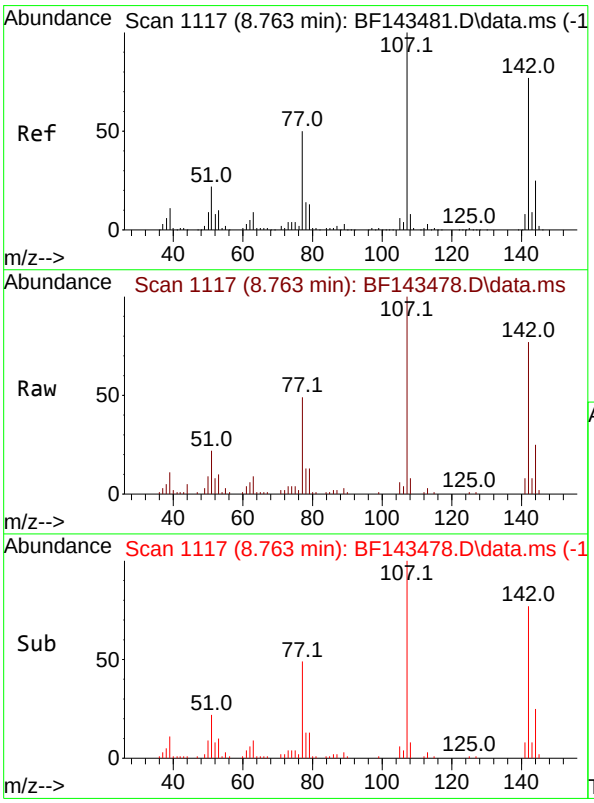
#34
Hexachlorobutadiene
Concen: 5.357 ng
RT: 8.351 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

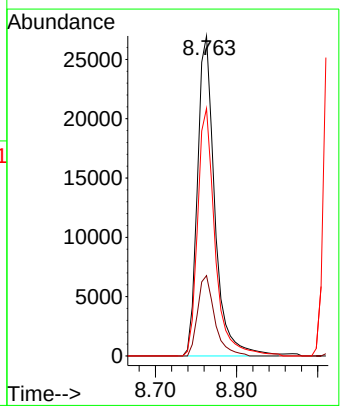


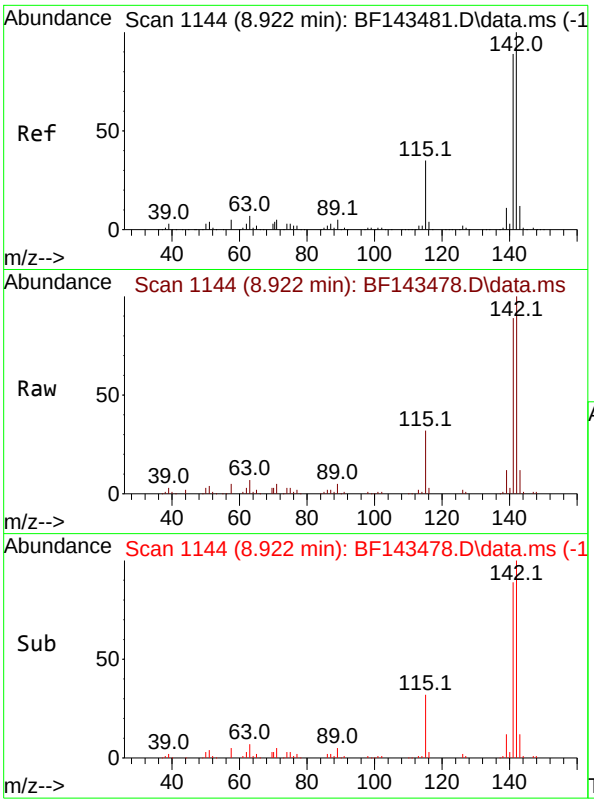


#36
4-Chloro-3-methylphenol
Concen: 5.259 ng
RT: 8.763 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



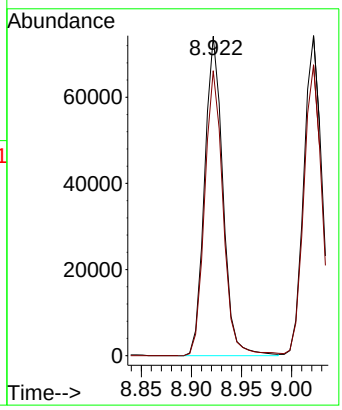


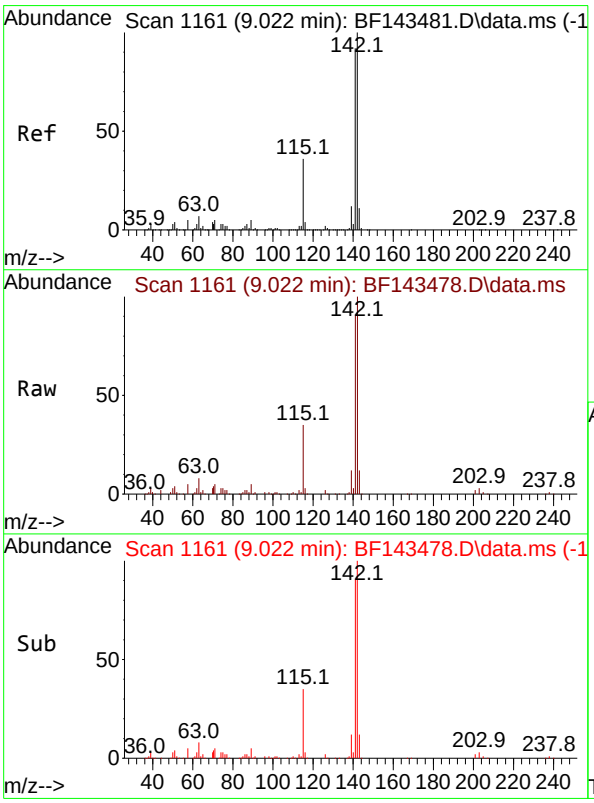
#37
2-Methylnaphthalene
Concen: 5.585 ng
RT: 8.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 94640

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.4

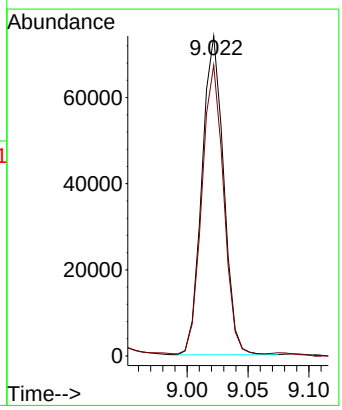


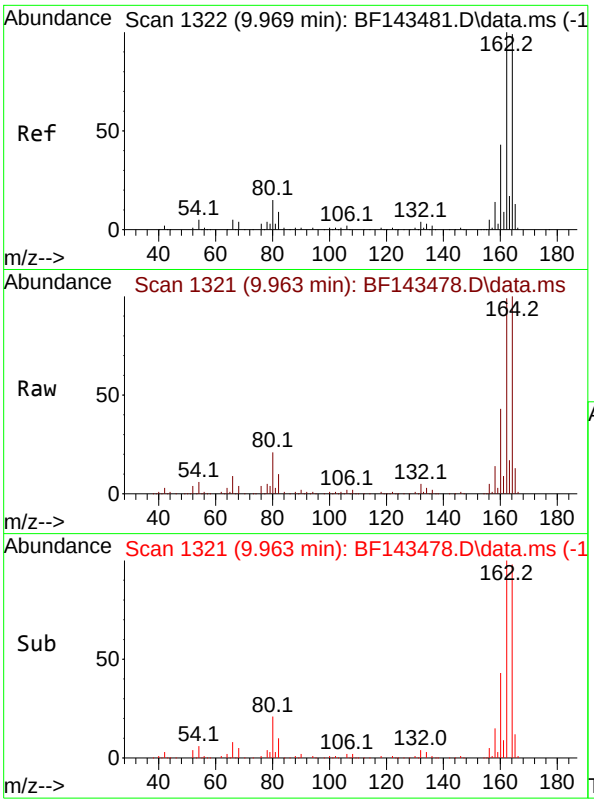


#38
1-Methylnaphthalene
Concen: 5.644 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

Tgt Ion:142 Resp: 91483

Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.3	109.9



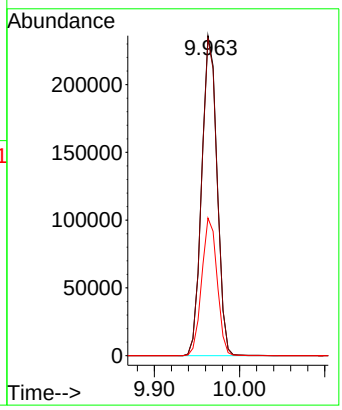


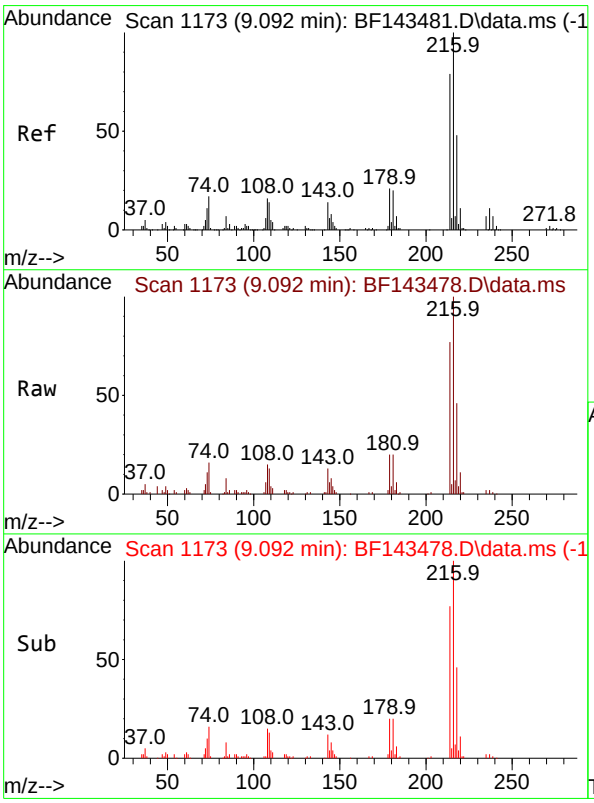
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

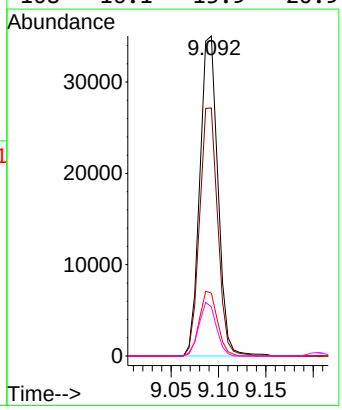


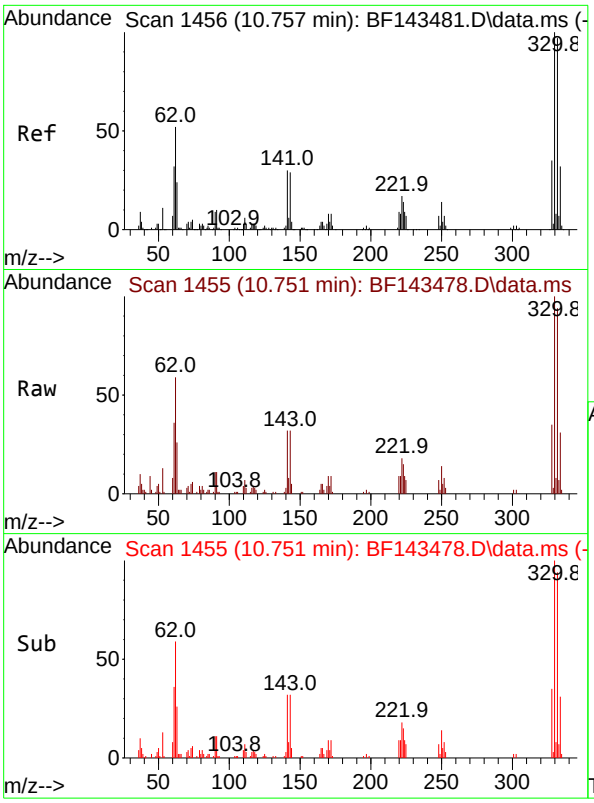


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.494 ng
RT: 9.092 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



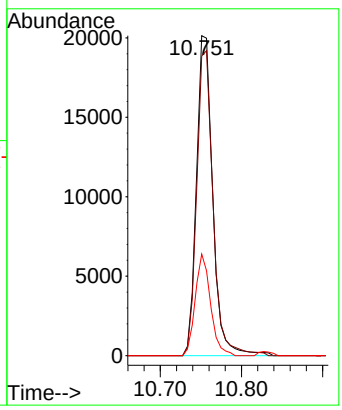


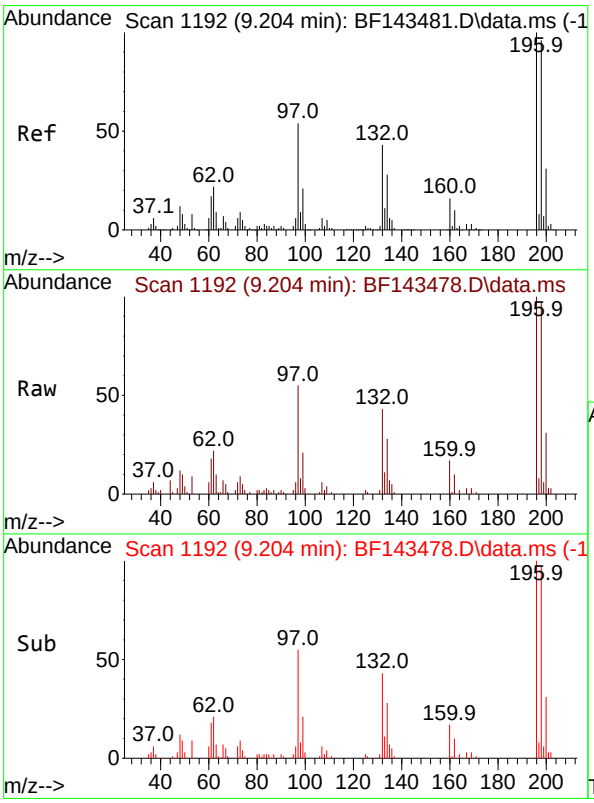
#42
2,4,6-Tribromophenol
Concen: 10.254 ng
RT: 10.751 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

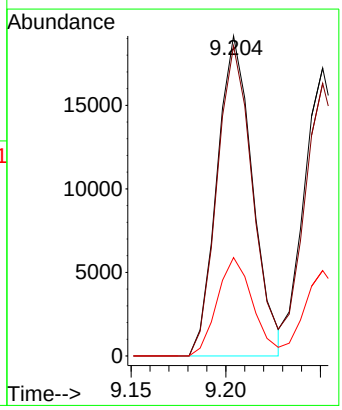


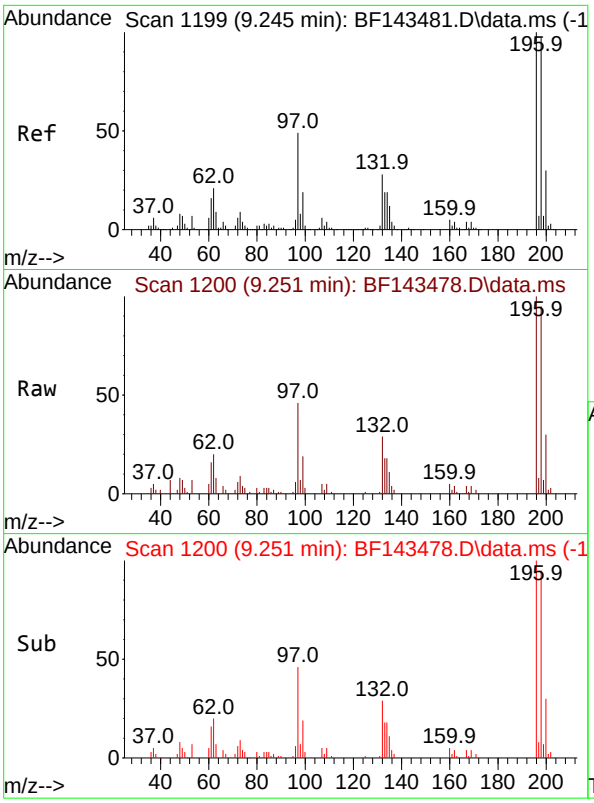


#43
2,4,6-Trichlorophenol
Concen: 4.807 ng
RT: 9.204 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



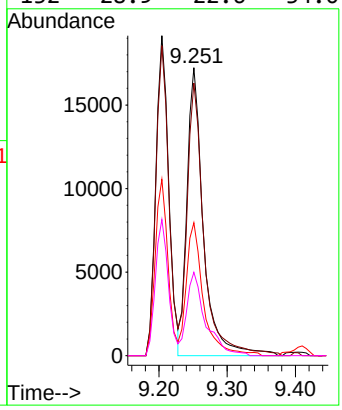


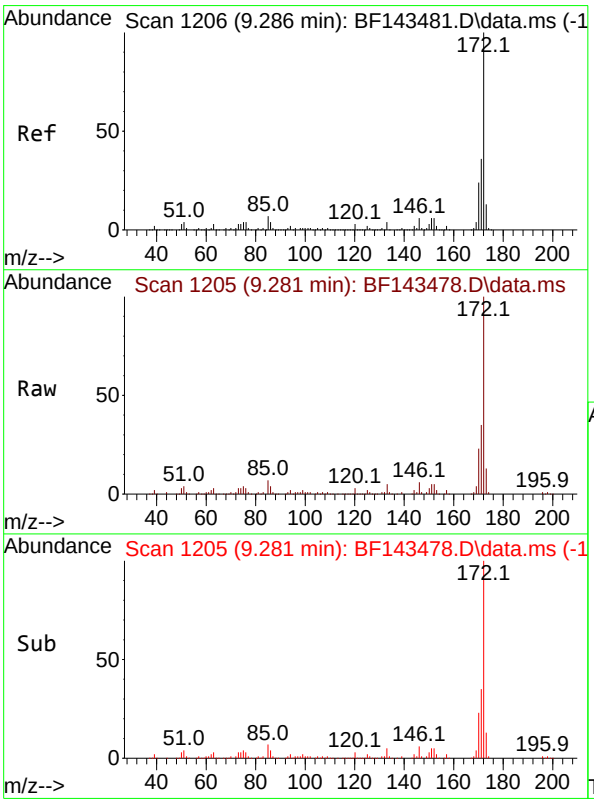
#44
2,4,5-Trichlorophenol
Concen: 5.089 ng
RT: 9.251 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

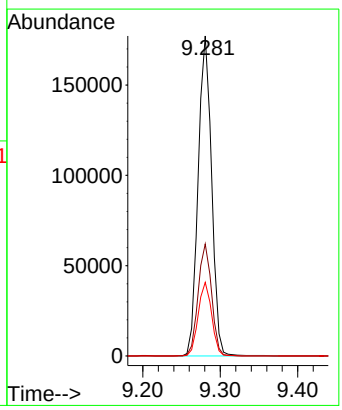


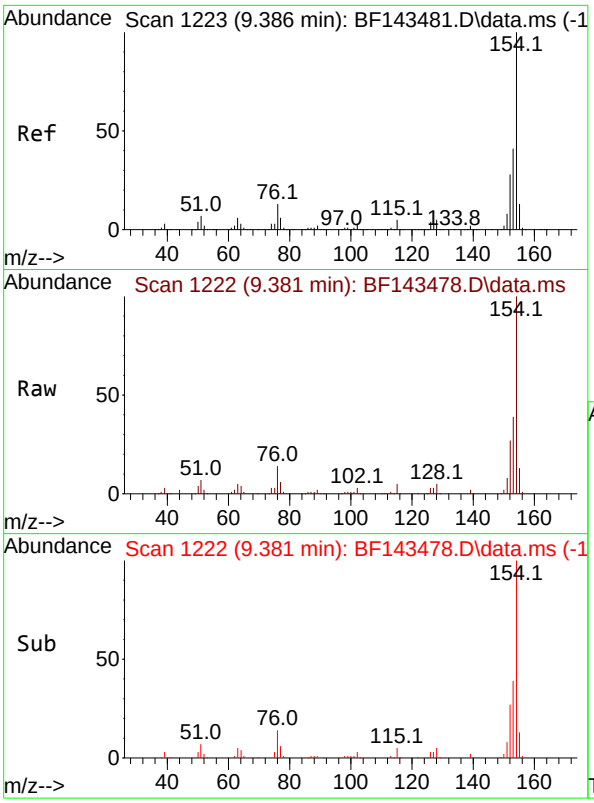


#45
2-Fluorobiphenyl
Concen: 11.943 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



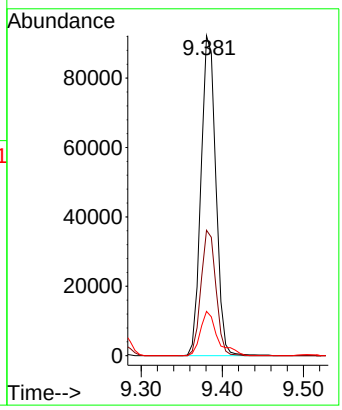


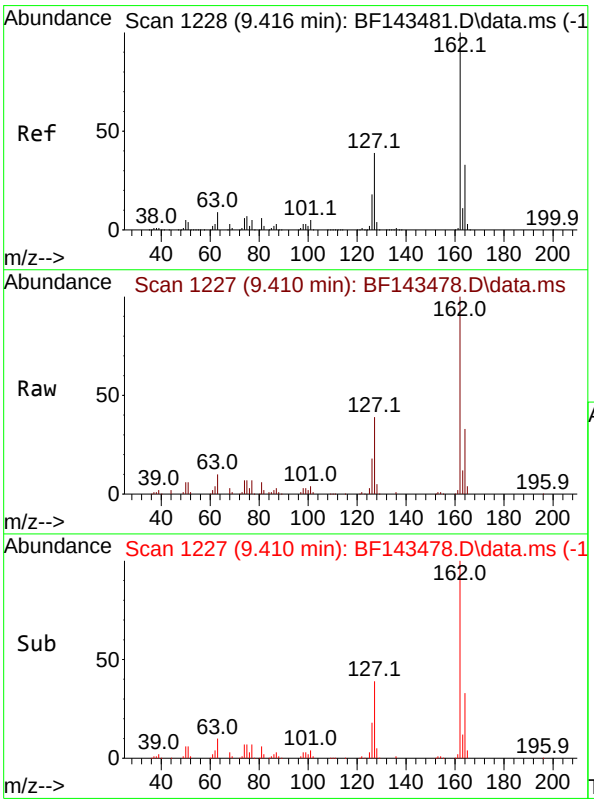
#46
1,1'-Biphenyl
Concen: 5.573 ng
RT: 9.381 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

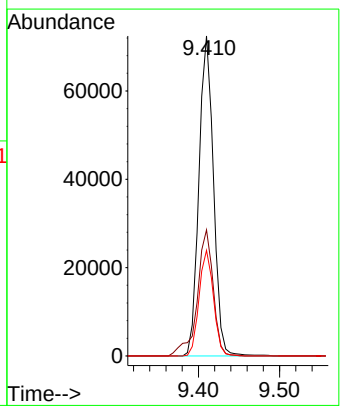


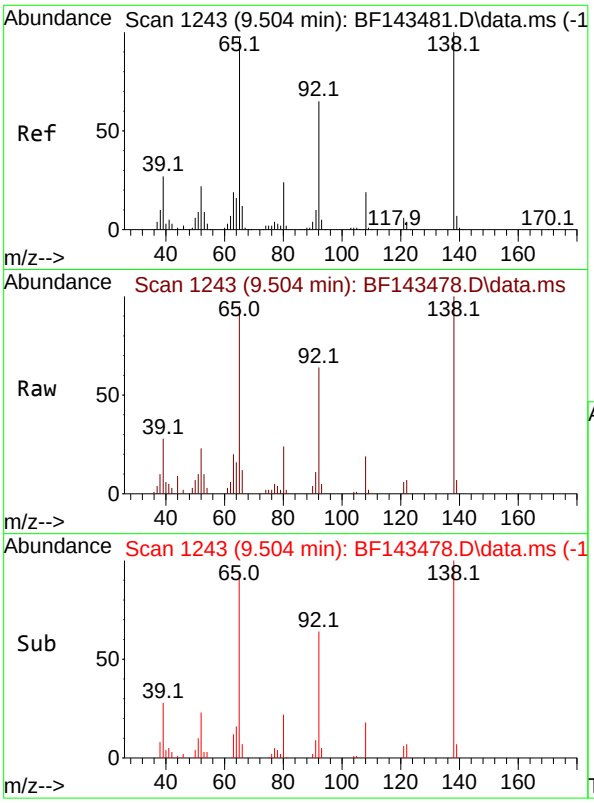


#47
2-Chloronaphthalene
Concen: 5.484 ng
RT: 9.410 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



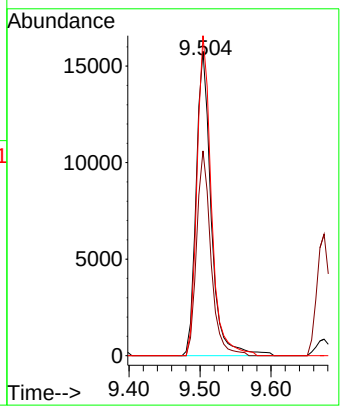


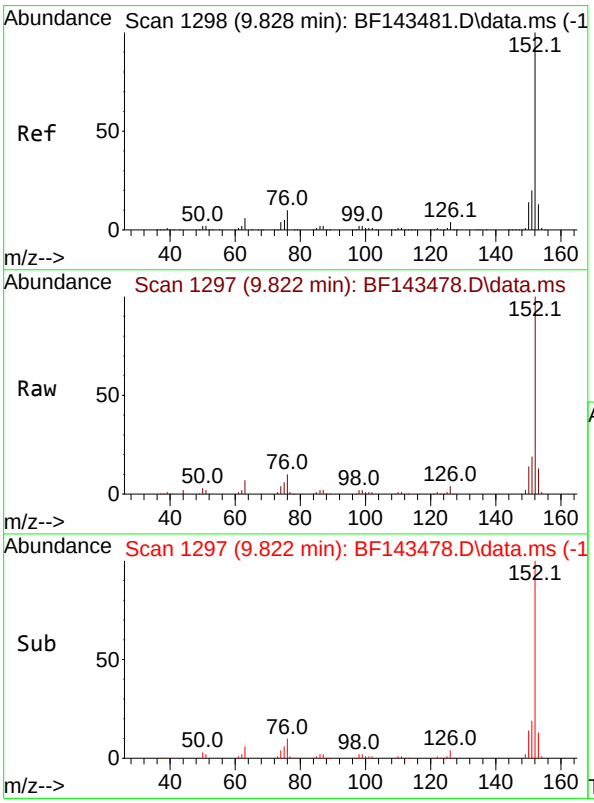
#48
2-Nitroaniline
Concen: 4.820 ng
RT: 9.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

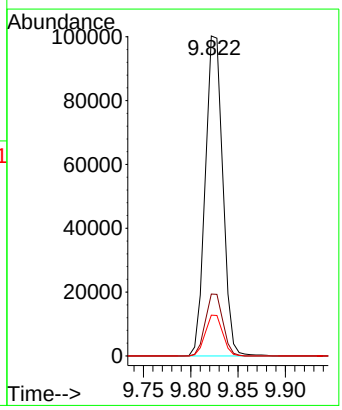


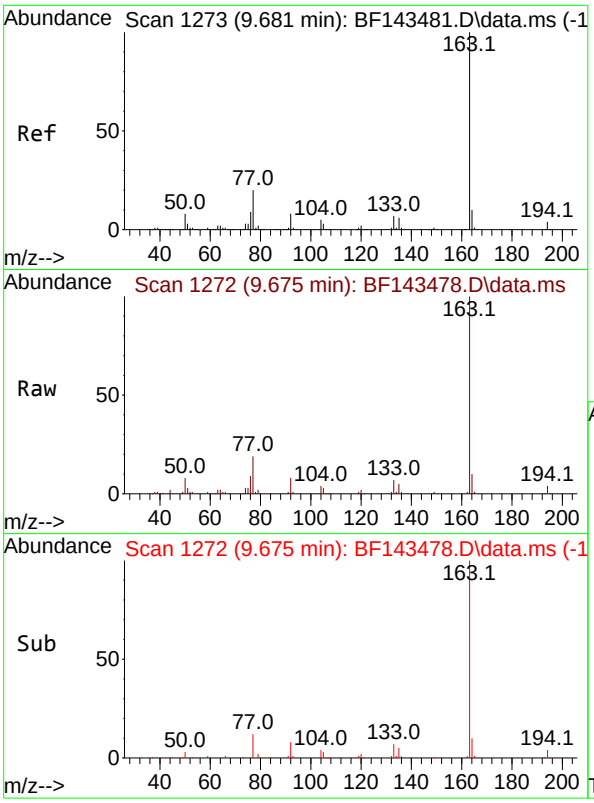


#49
Acenaphthylene
Concen: 5.478 ng
RT: 9.822 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



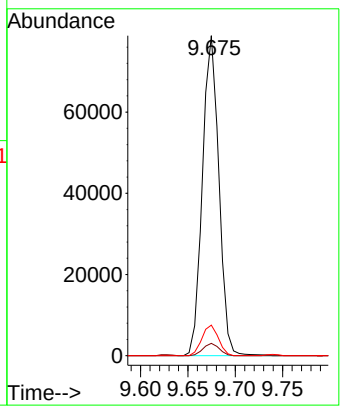


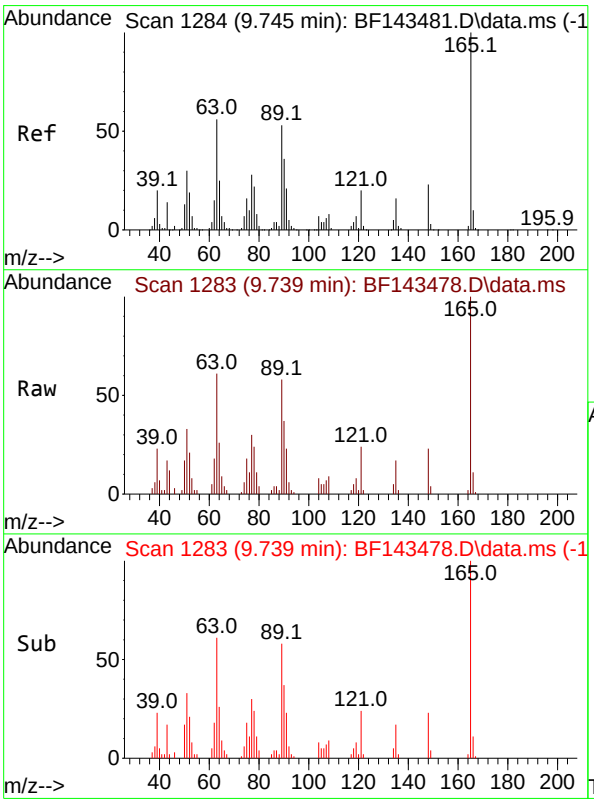
#50
Dimethylphthalate
Concen: 5.366 ng
RT: 9.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

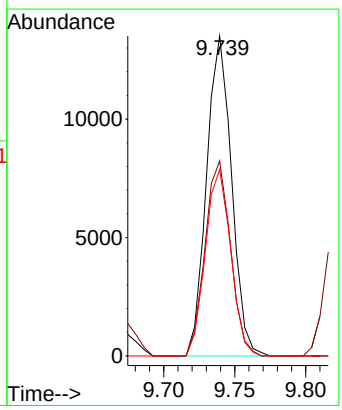


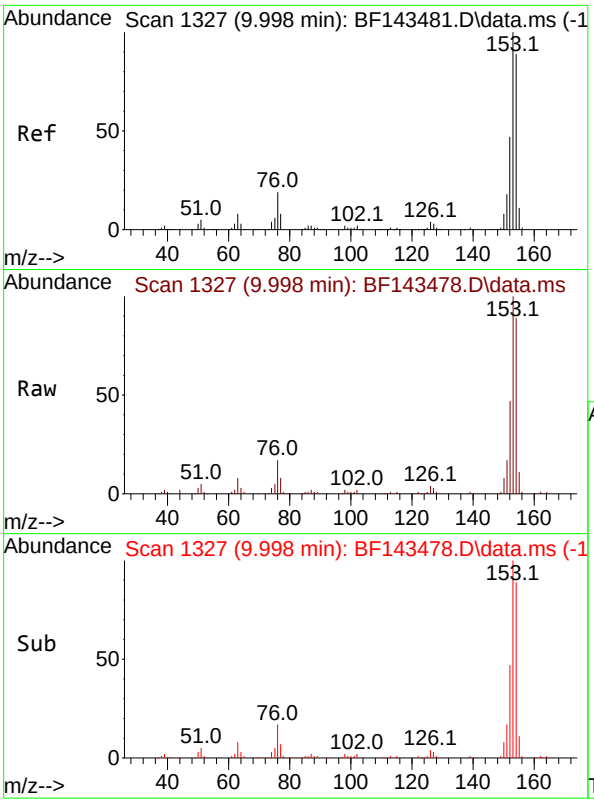


#51
2,6-Dinitrotoluene
Concen: 4.480 ng
RT: 9.739 min Scan# 1283
Delta R.T. -0.012 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



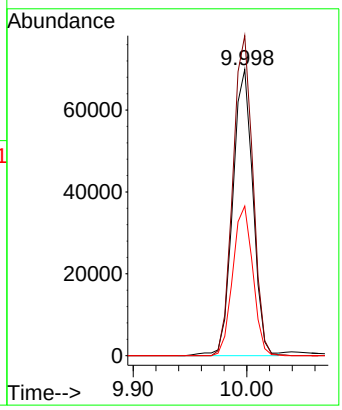


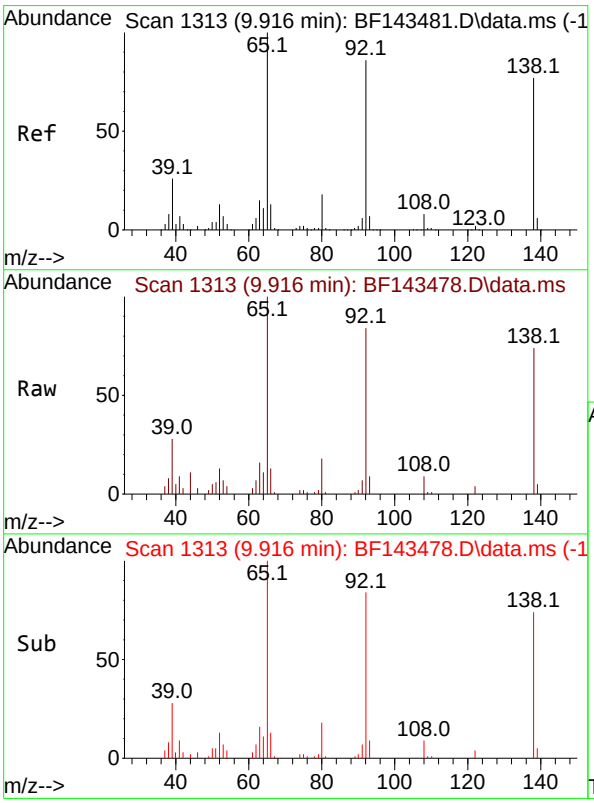
#52
Acenaphthene
Concen: 5.402 ng
RT: 9.998 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

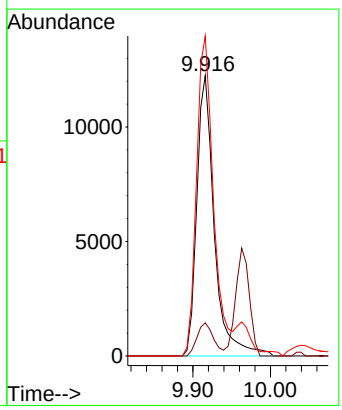


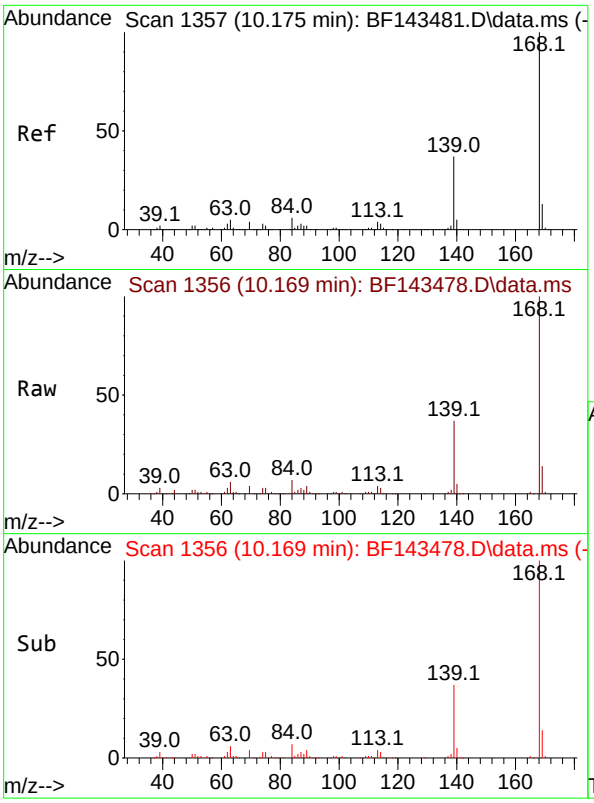


#53
3-Nitroaniline
Concen: 4.817 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



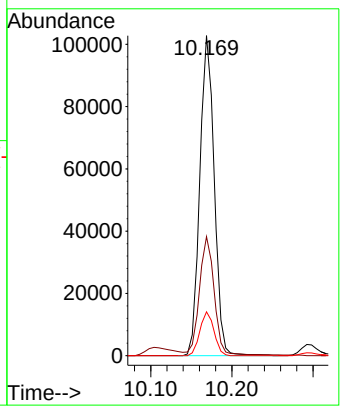


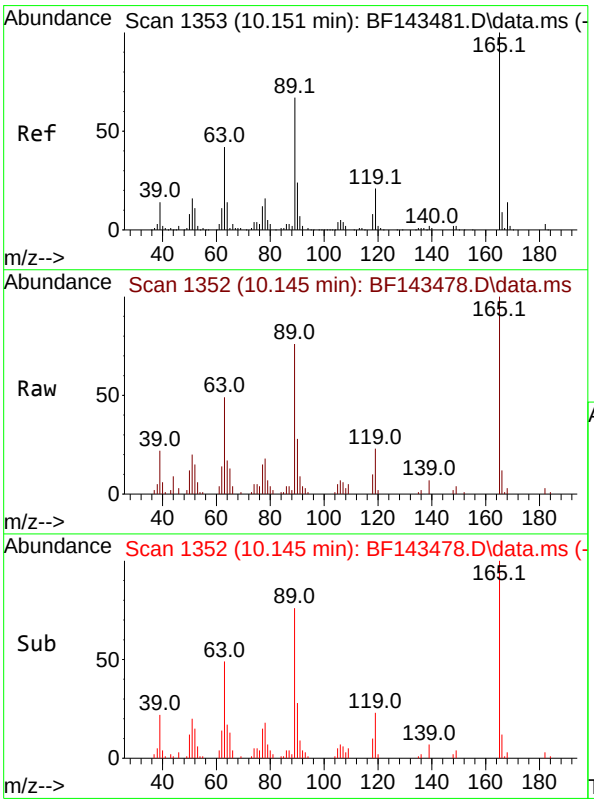
#55
Dibenzofuran
Concen: 5.561 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

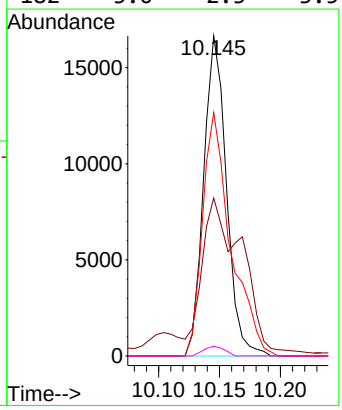


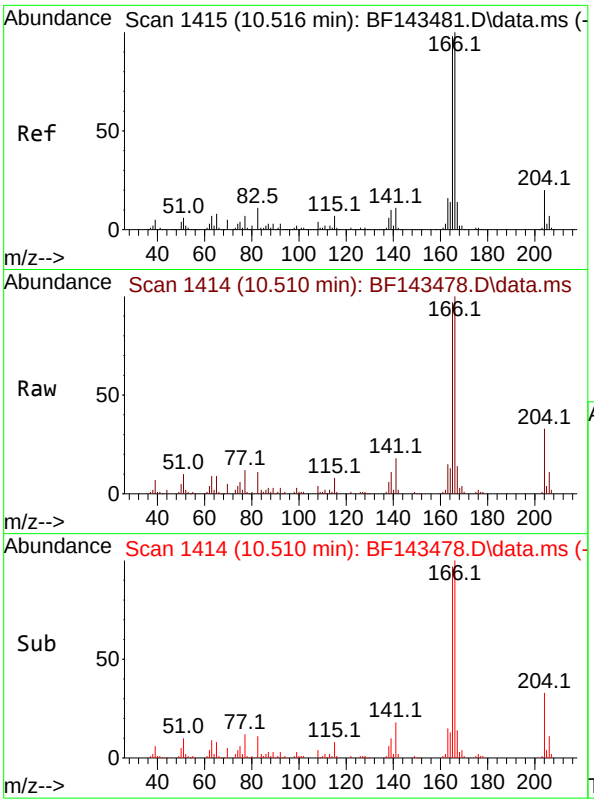


#57
2,4-Dinitrotoluene
Concen: 4.382 ng
RT: 10.145 min Scan# 1352
Delta R.T. -0.012 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



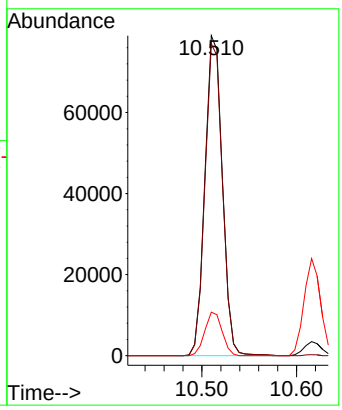


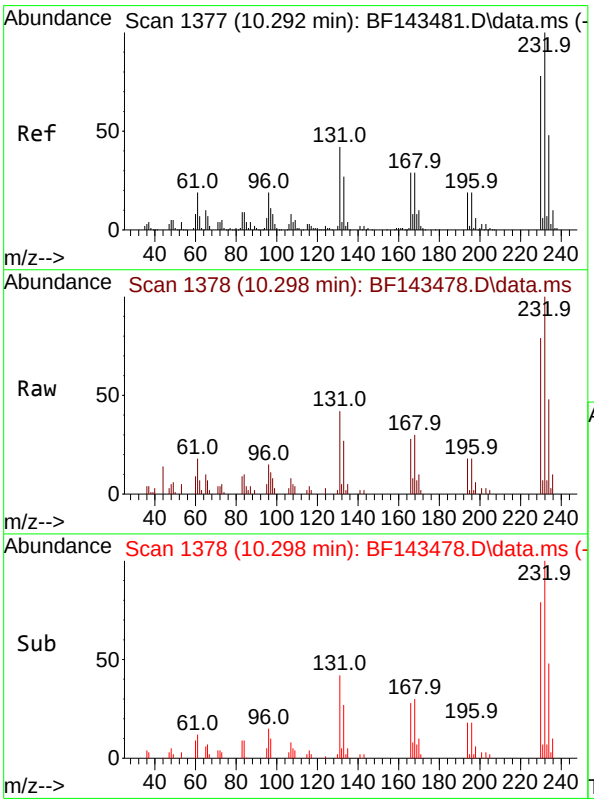
#58
Fluorene
Concen: 5.751 ng
RT: 10.510 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

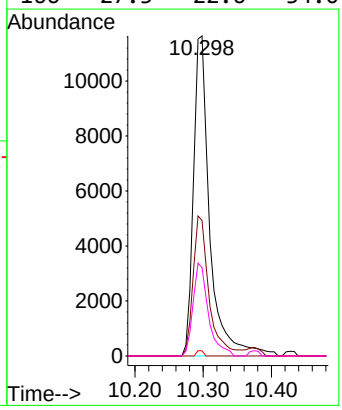


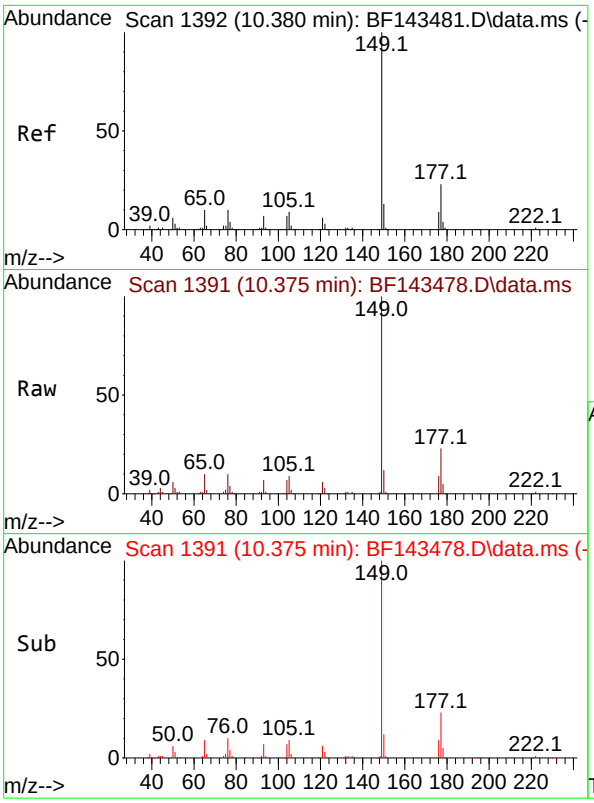


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.576 ng
RT: 10.298 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



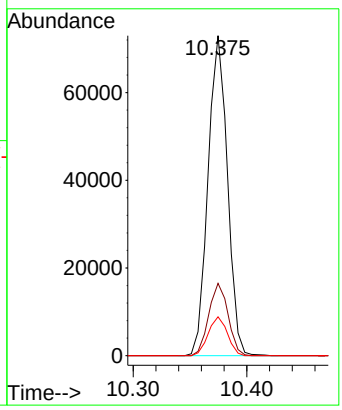


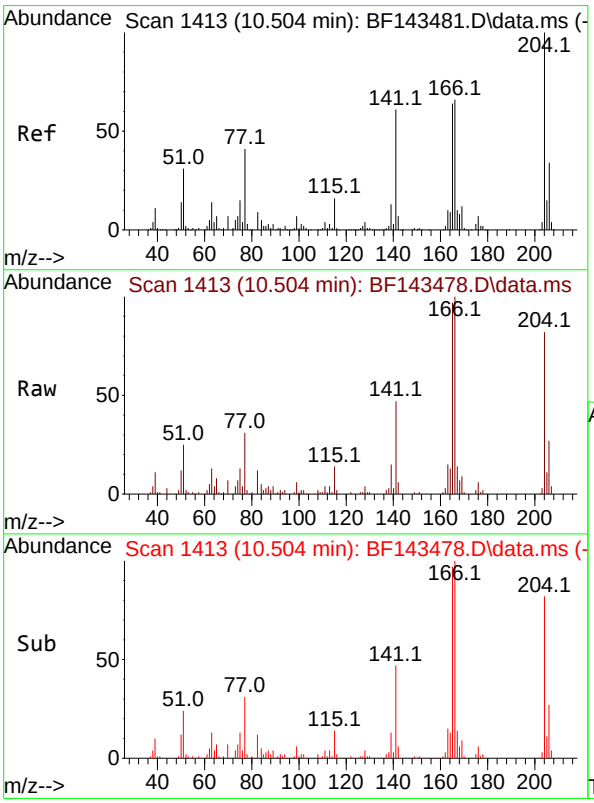
#60
Diethylphthalate
Concen: 5.425 ng
RT: 10.375 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

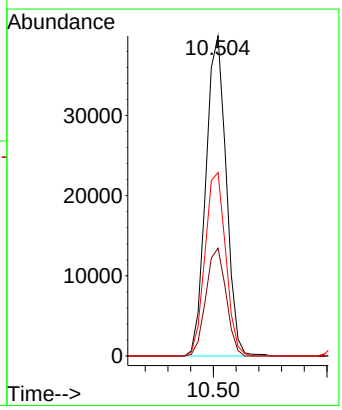


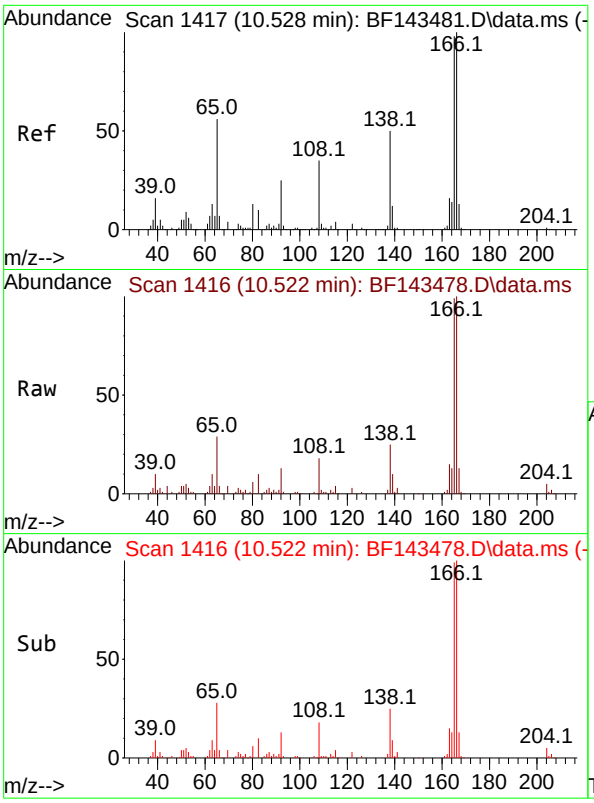


#61
4-Chlorophenyl-phenylether
Concen: 5.647 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



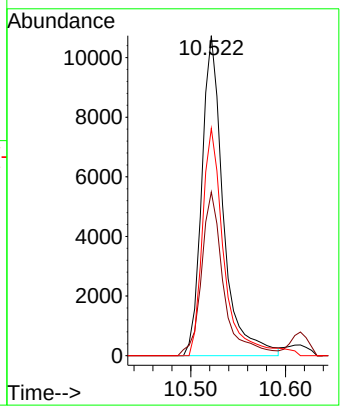


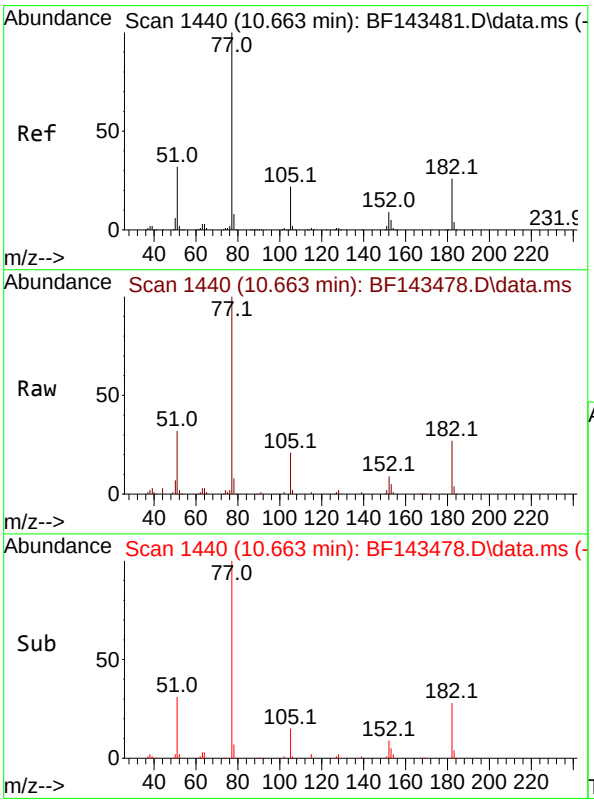
#62
4-Nitroaniline
Concen: 4.645 ng
RT: 10.522 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

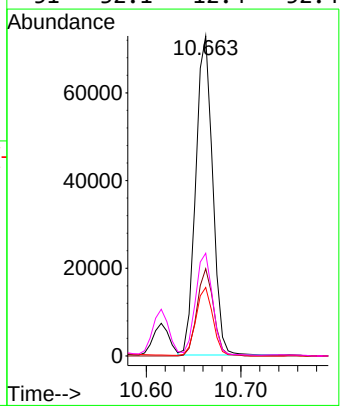


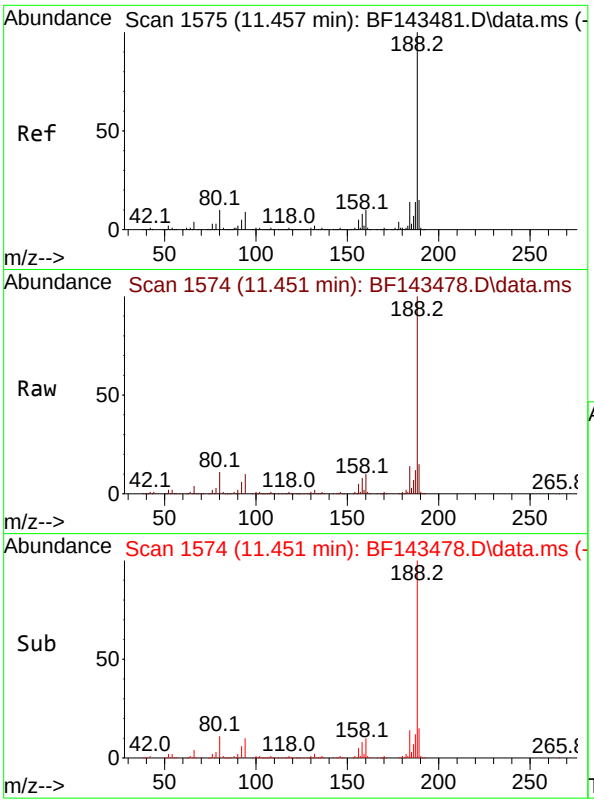


#63
Azobenzene
Concen: 5.452 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



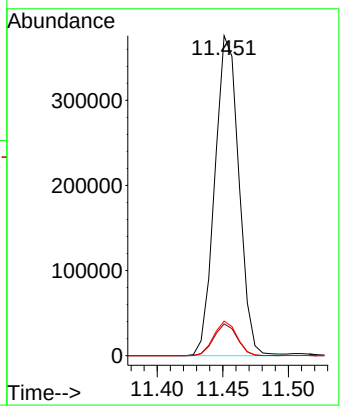


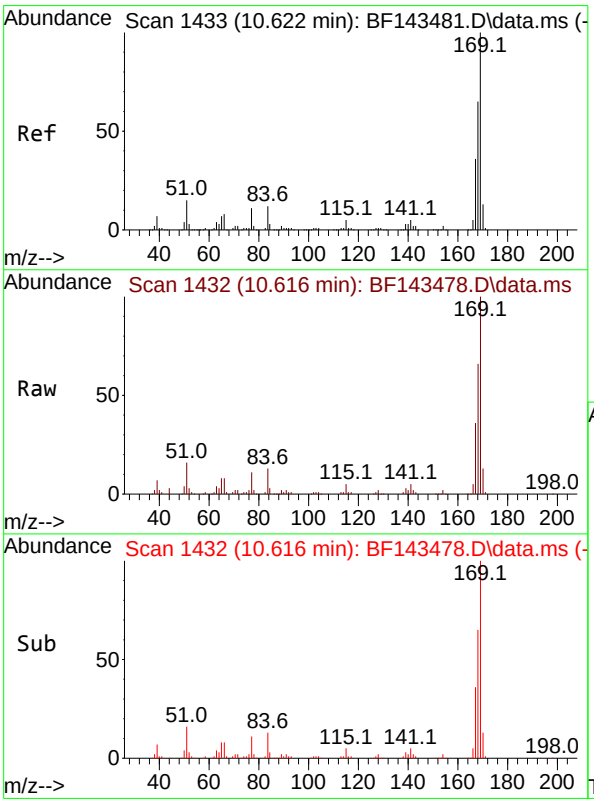
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

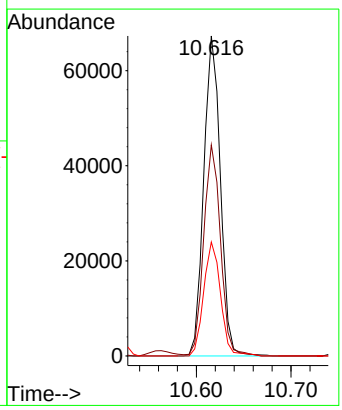


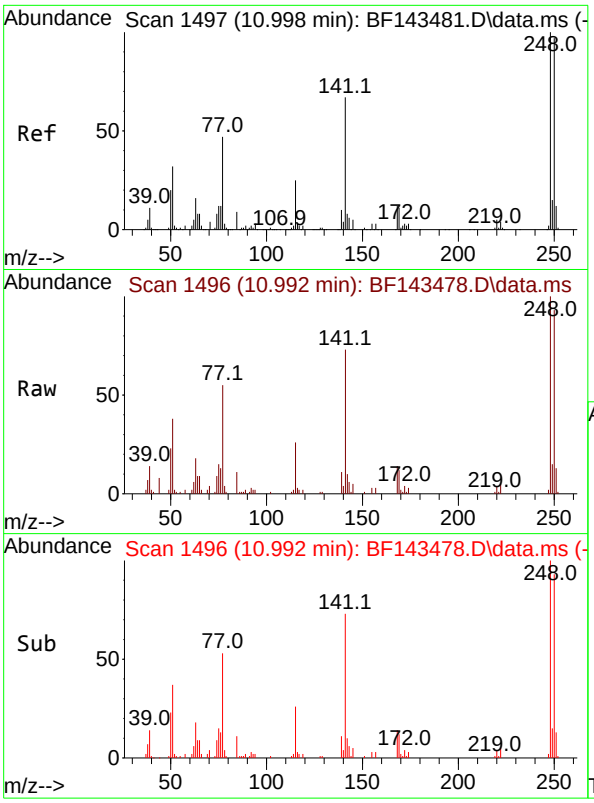


#66
n-Nitrosodiphenylamine
Concen: 5.314 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



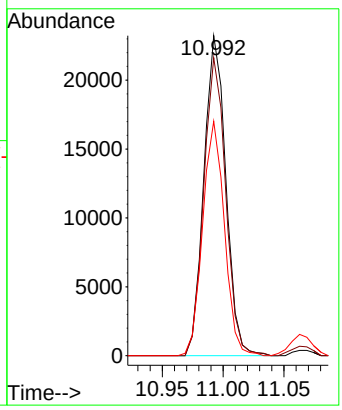


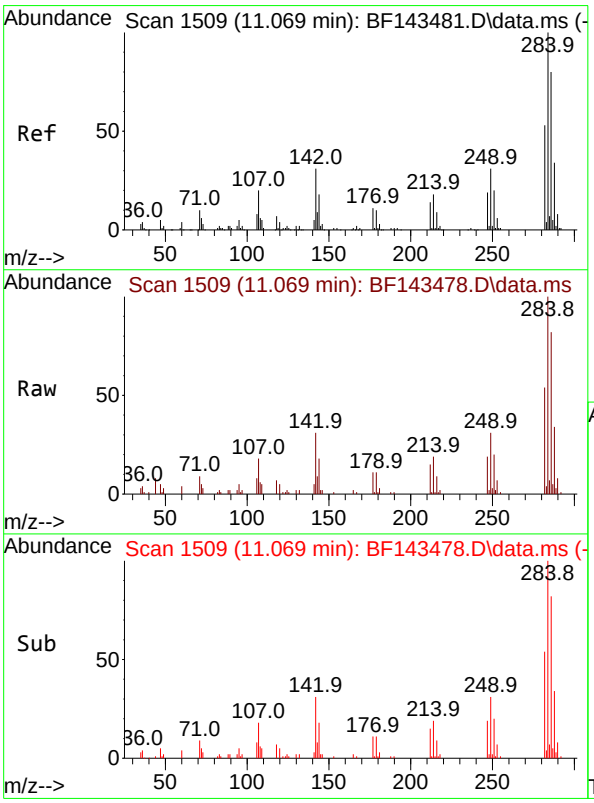
#67
4-Bromophenyl-phenylether
Concen: 5.098 ng
RT: 10.992 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

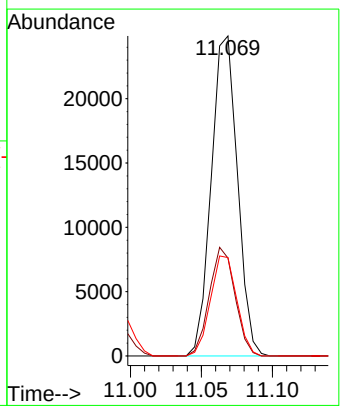


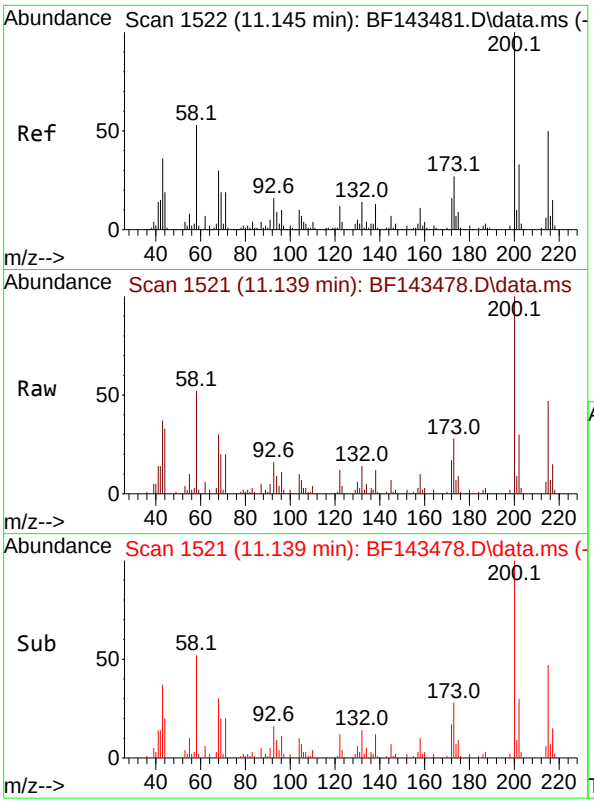


#68
Hexachlorobenzene
Concen: 5.178 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



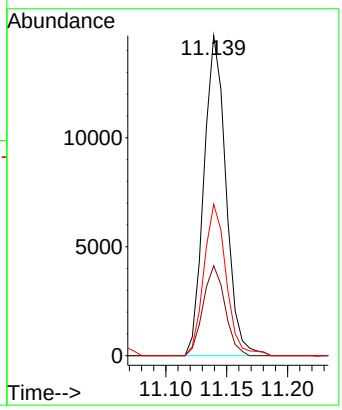


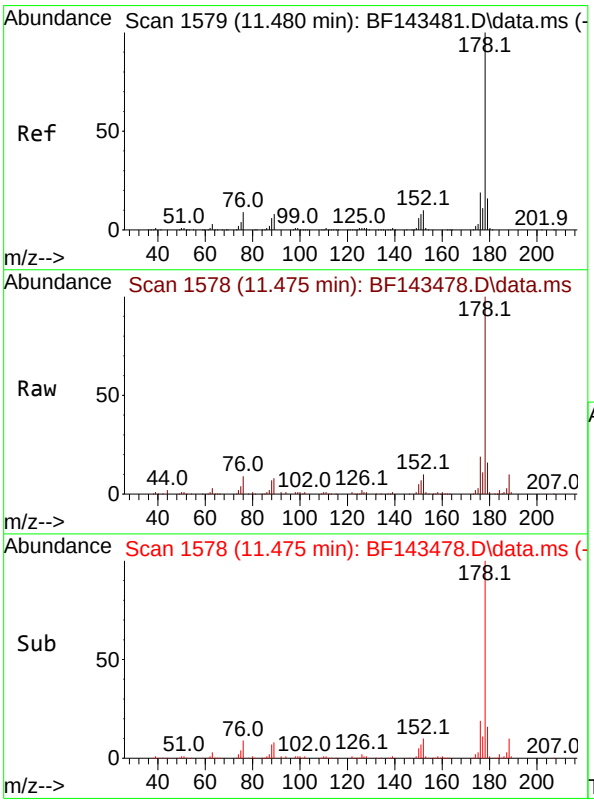
#69
Atrazine
Concen: 4.637 ng
RT: 11.139 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

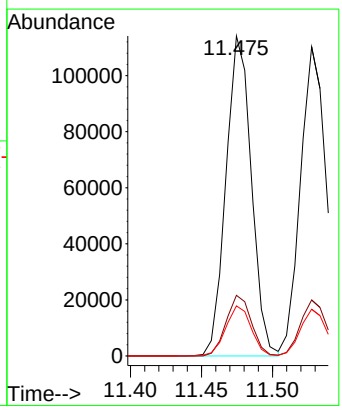


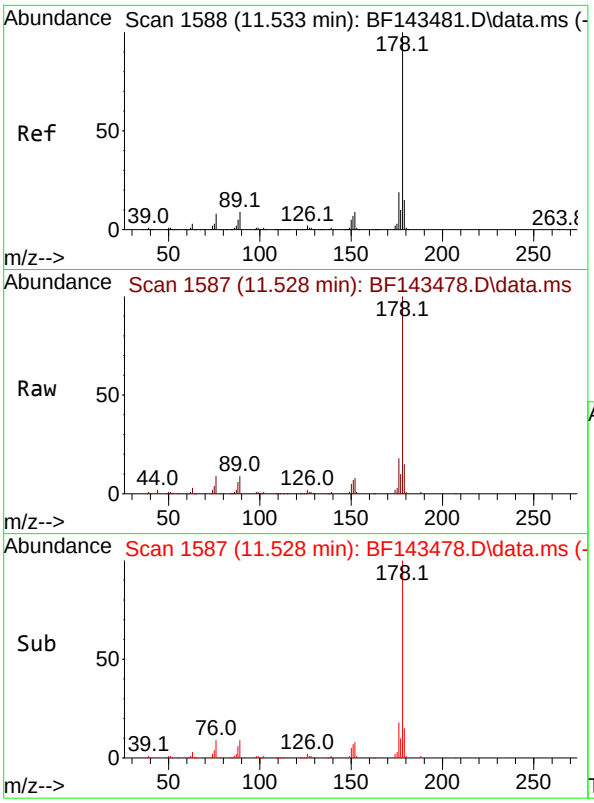


#71
Phenanthrene
Concen: 5.548 ng
RT: 11.475 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



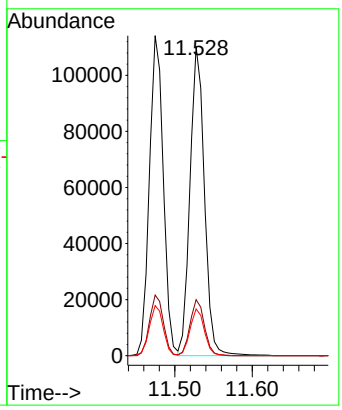


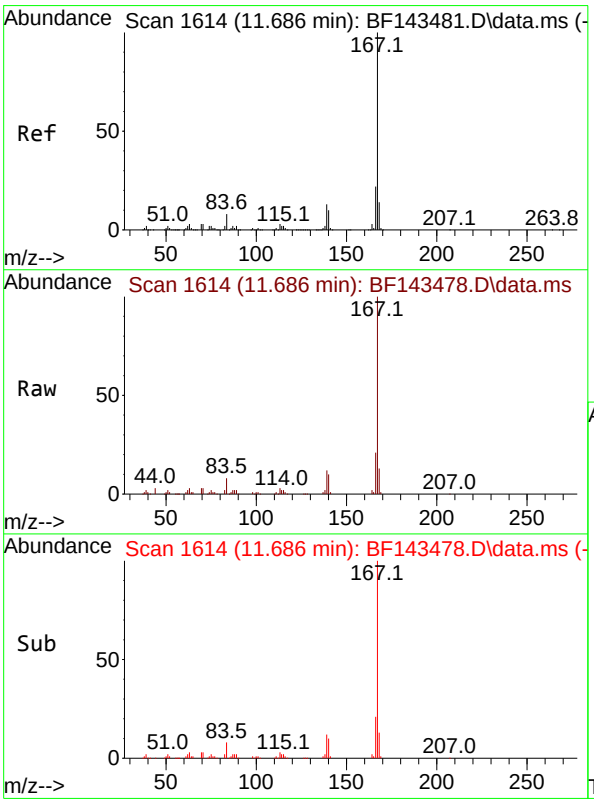
#72
Anthracene
Concen: 5.490 ng
RT: 11.528 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

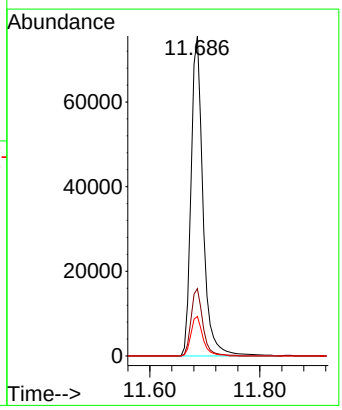


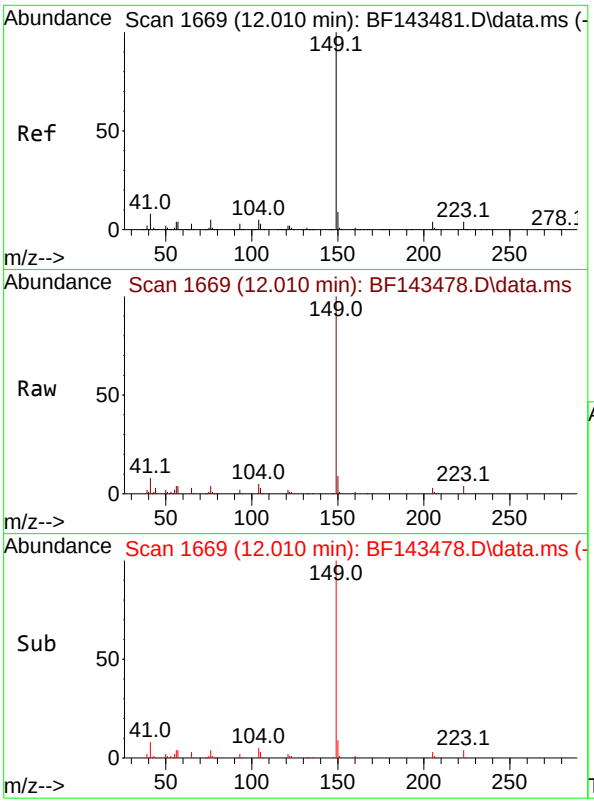


#73
Carbazole
Concen: 5.339 ng
RT: 11.686 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



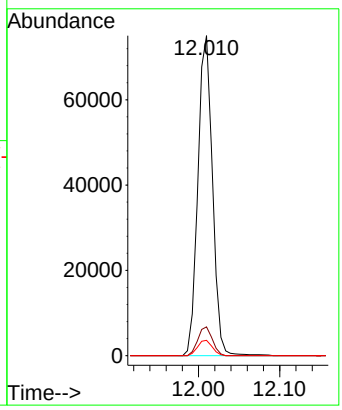


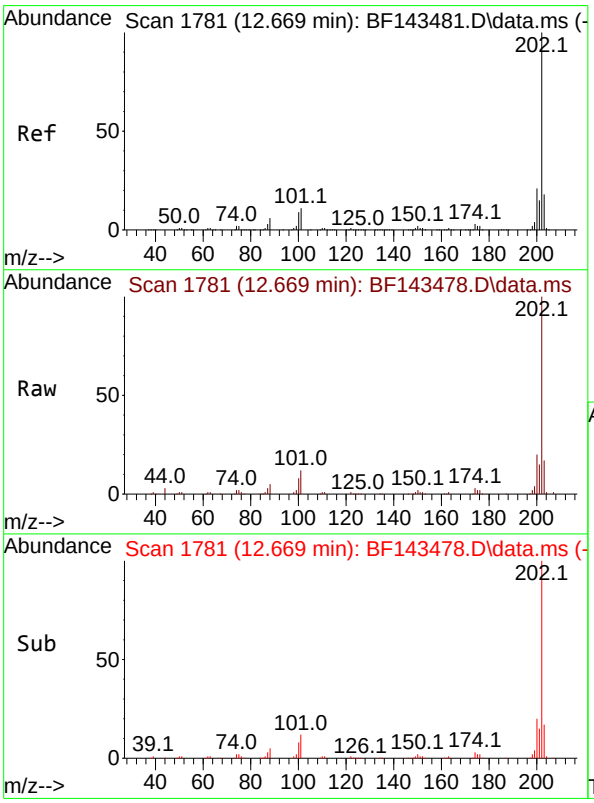
#74
Di-n-butylphthalate
Concen: 4.712 ng
RT: 12.010 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

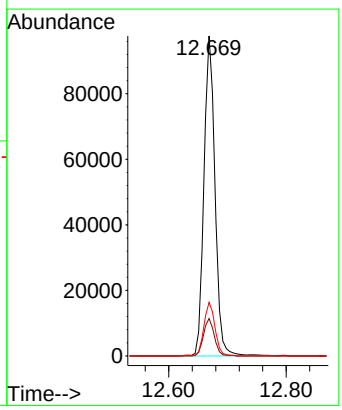


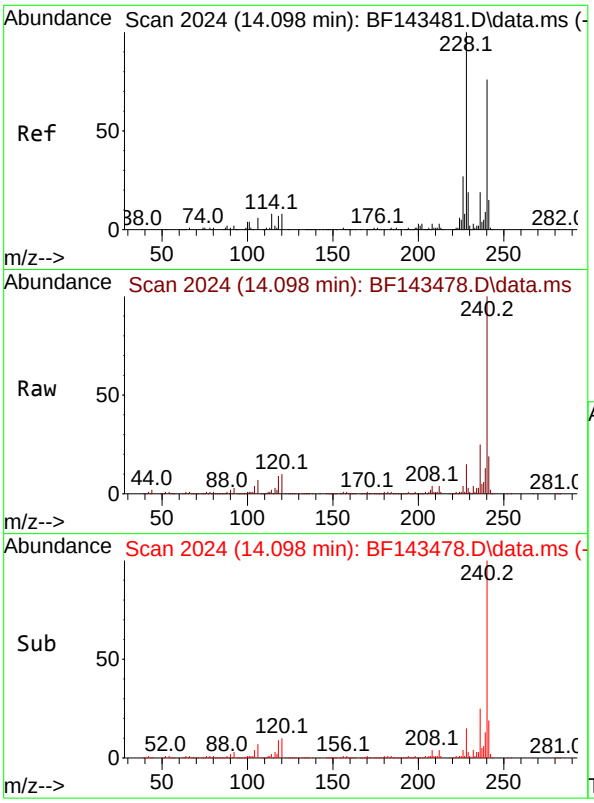


#75
Fluoranthene
Concen: 5.518 ng
RT: 12.669 min Scan# 1781
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



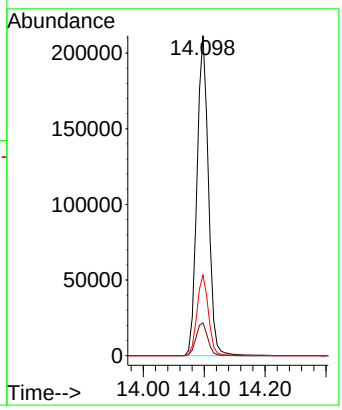


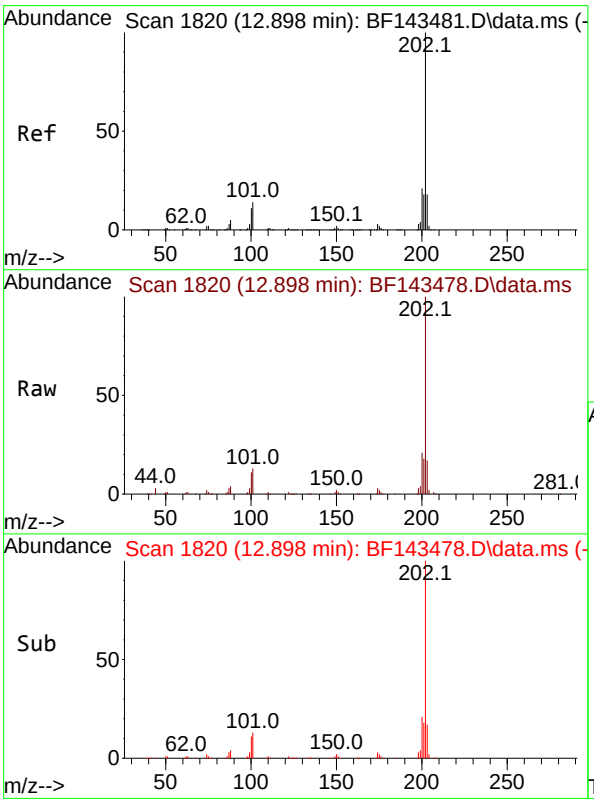
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

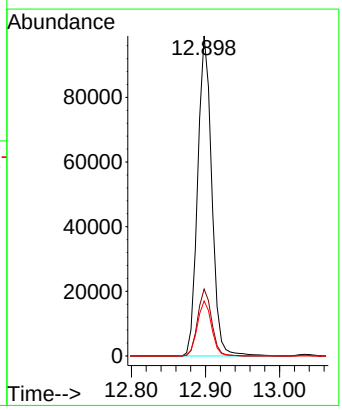


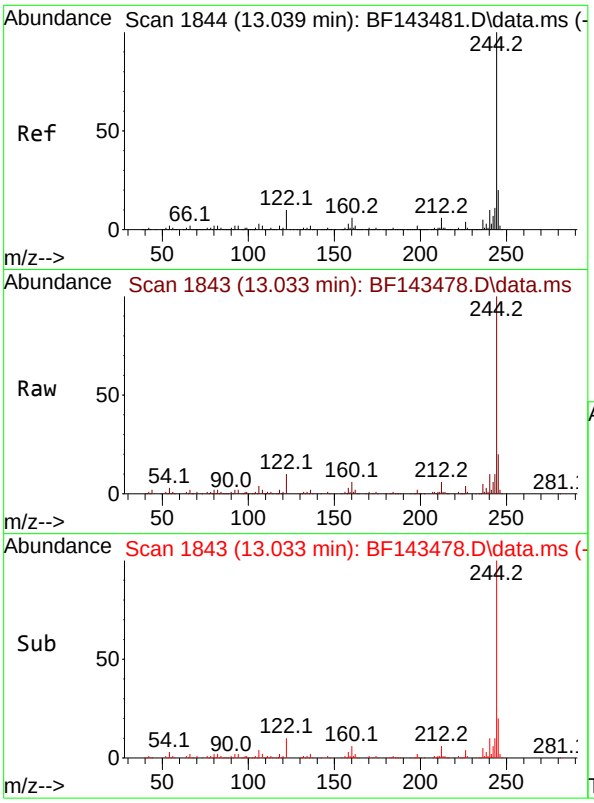


#78
Pyrene
Concen: 5.748 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



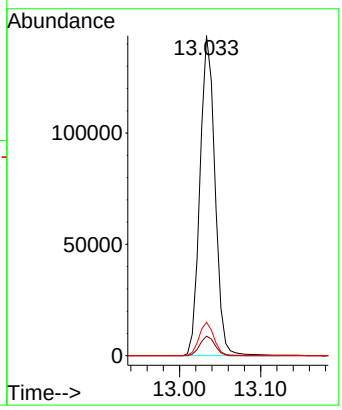


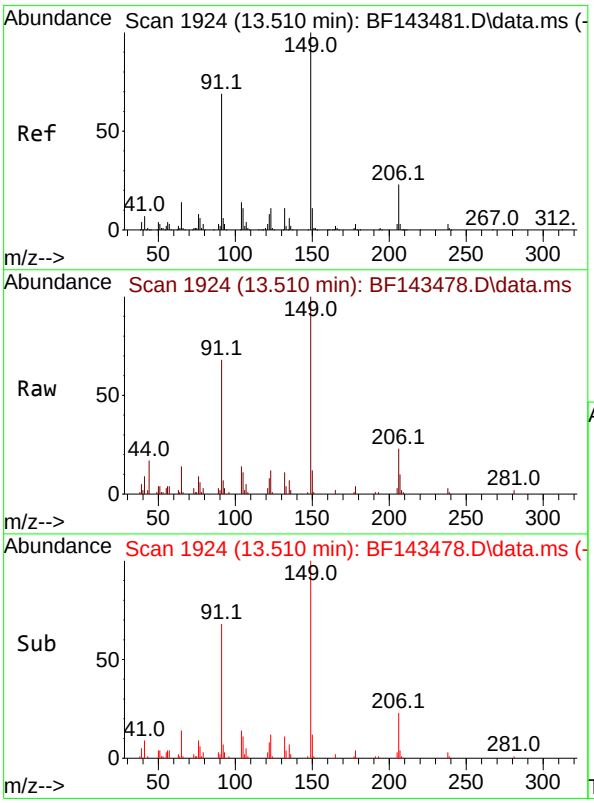
#79
Terphenyl-d14
Concen: 11.698 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

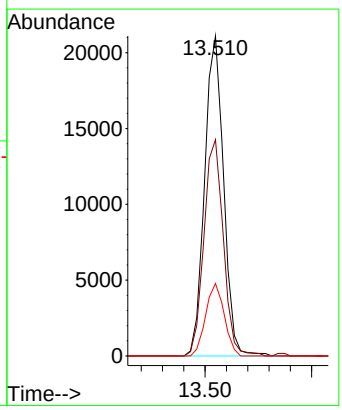


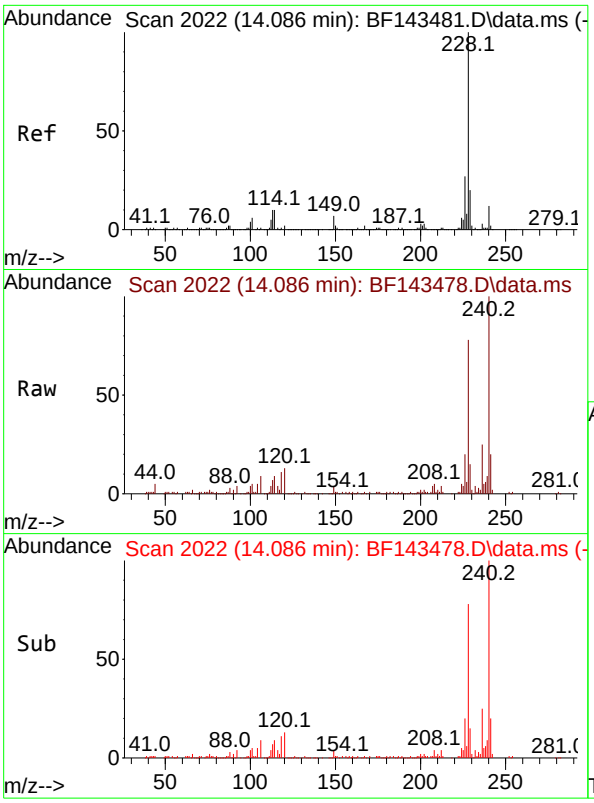


#80
Butylbenzylphthalate
Concen: 4.223 ng
RT: 13.510 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



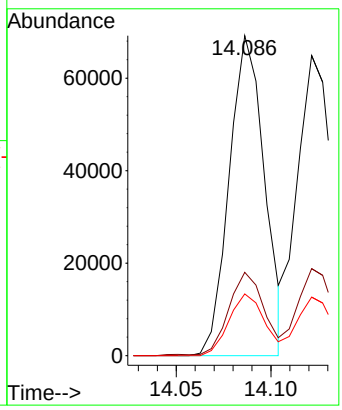


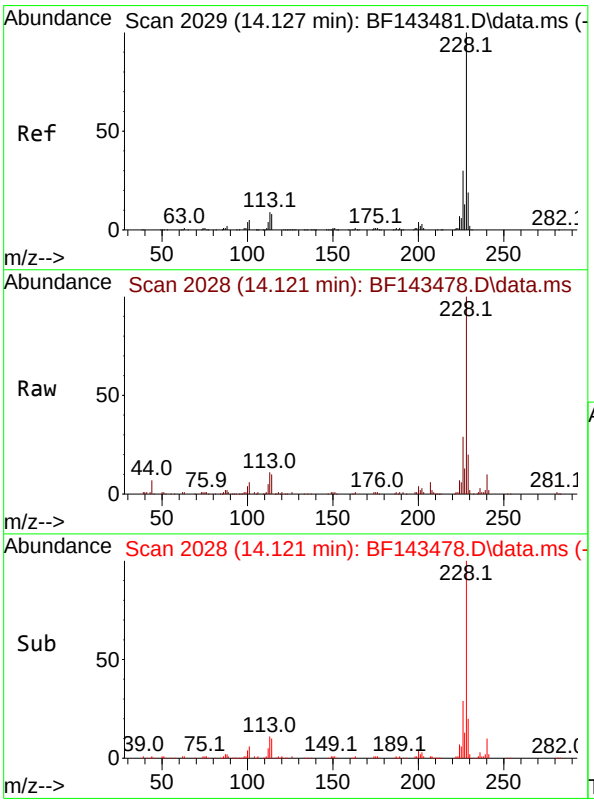
#81
Benzo(a)anthracene
Concen: 5.055 ng
RT: 14.086 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

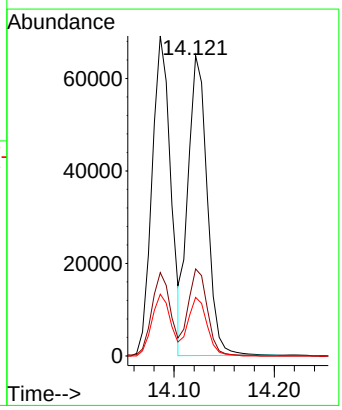


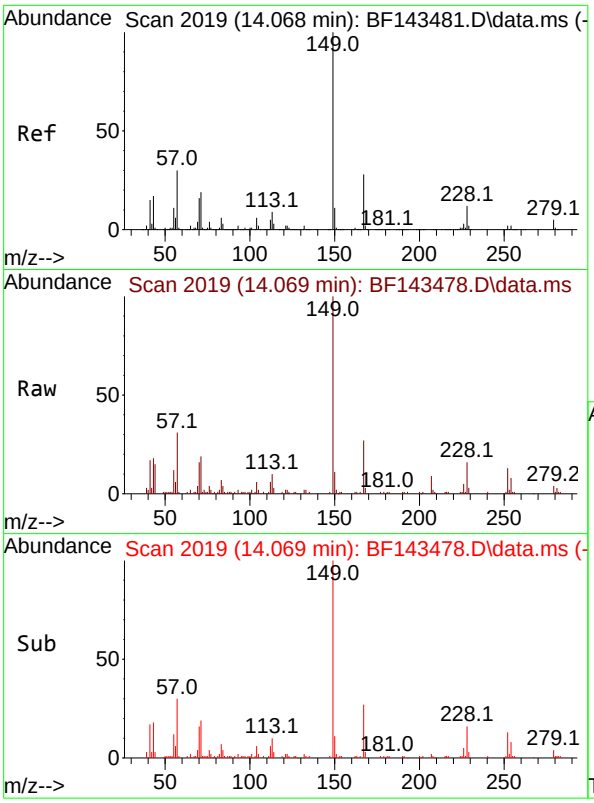


#83
Chrysene
Concen: 5.408 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



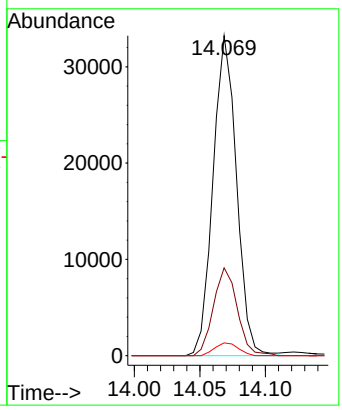


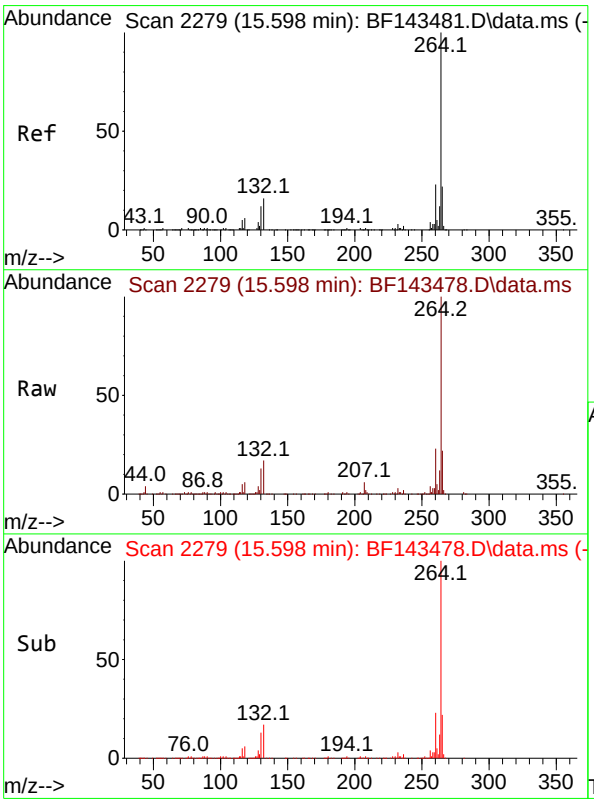
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.380 ng
RT: 14.069 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

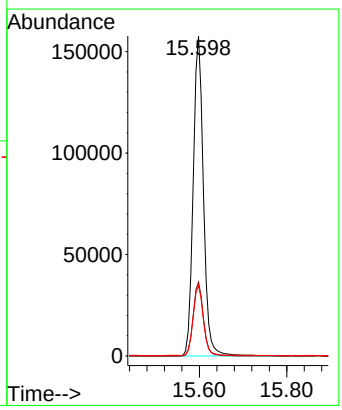


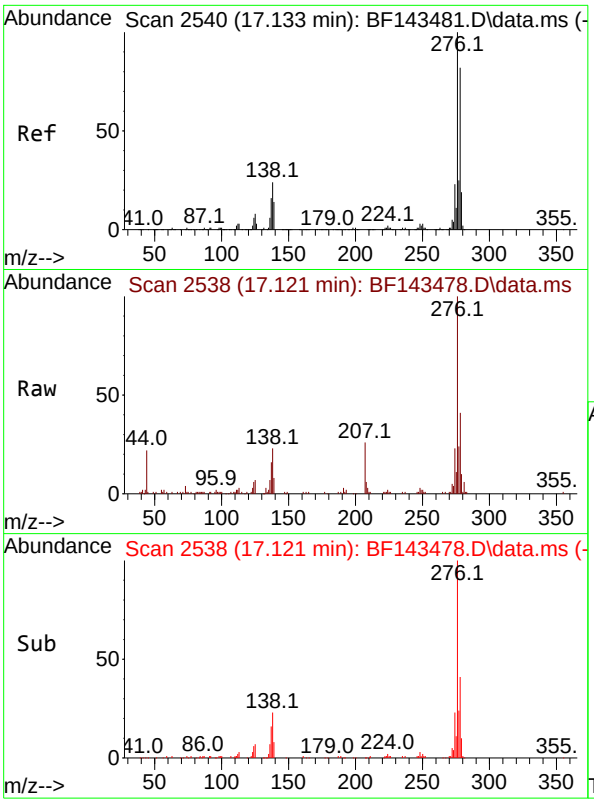


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



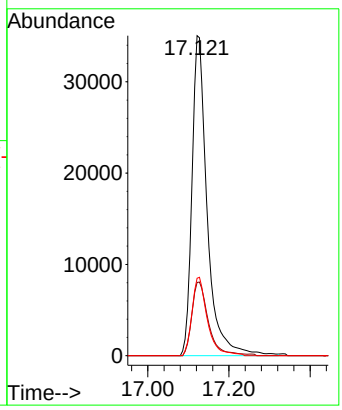


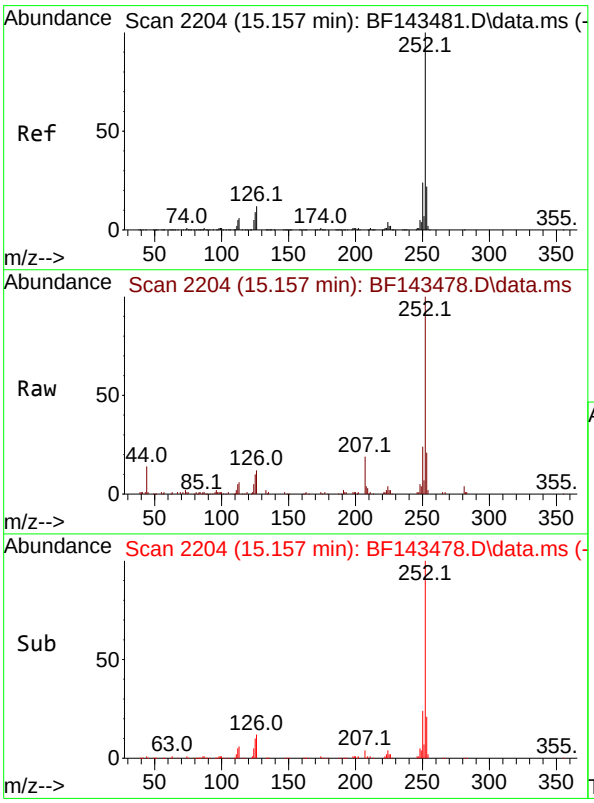
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.958 ng
RT: 17.121 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

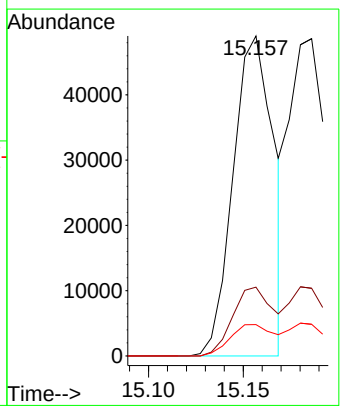


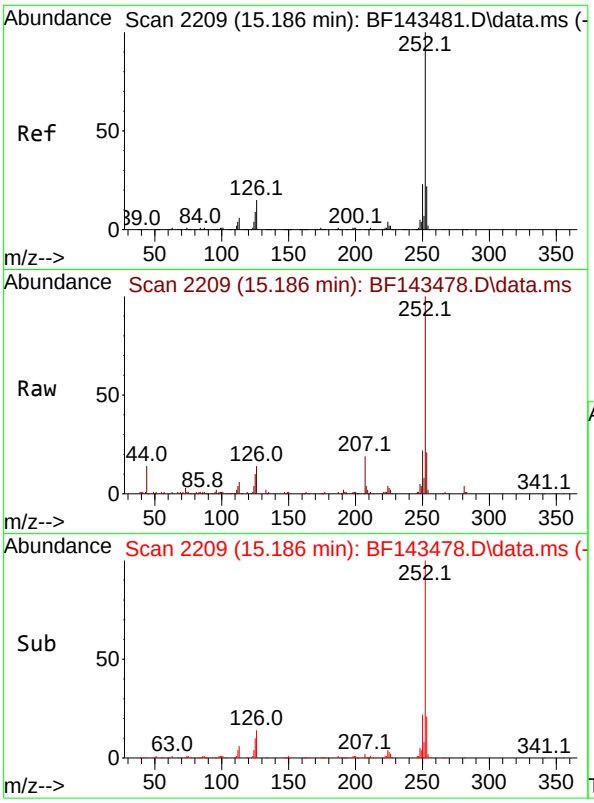


#88
Benzo(b)fluoranthene
Concen: 5.104 ng
RT: 15.157 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



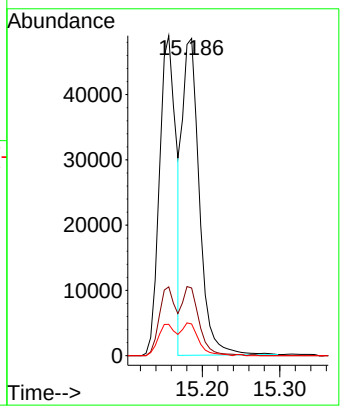


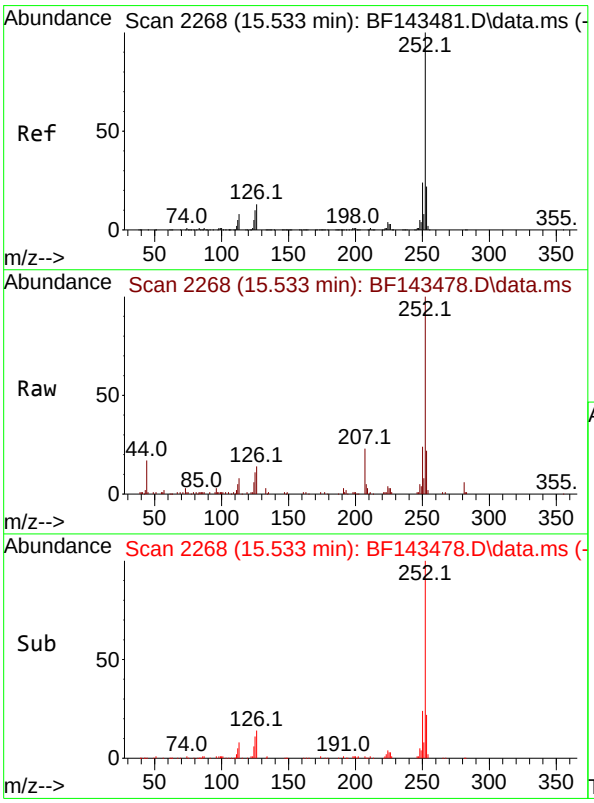
#89
Benzo(k)fluoranthene
Concen: 5.437 ng
RT: 15.186 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

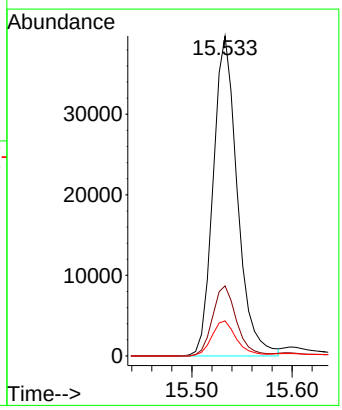


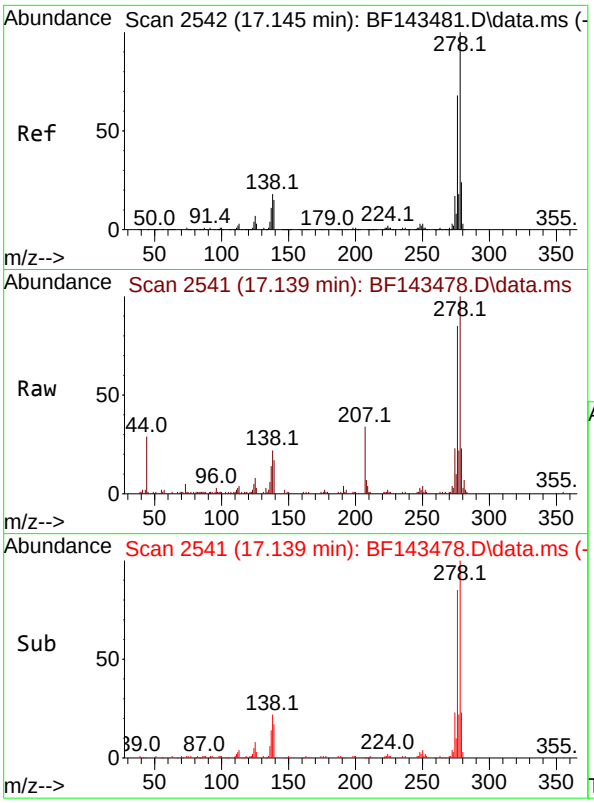


#90
Benzo(a)pyrene
Concen: 5.004 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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



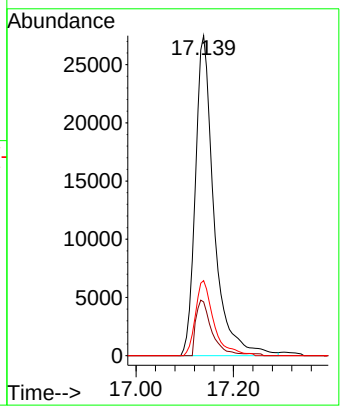


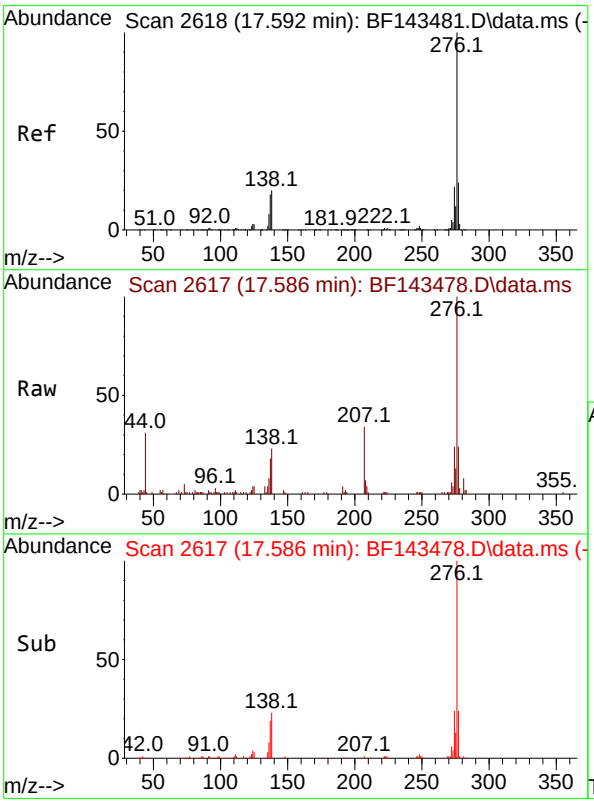
#91
Dibenzo(a,h)anthracene
Concen: 4.946 ng
RT: 17.139 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

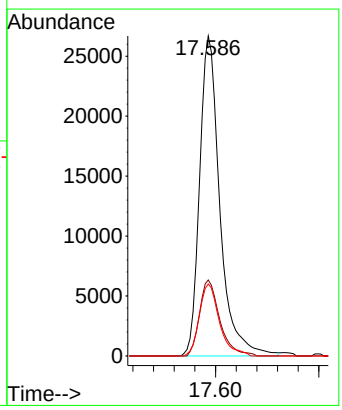




#92
Benzo(g,h,i)perylene
Concen: 4.928 ng
RT: 17.586 min Scan# 2617
Delta R.T. -0.018 min
Lab File: BF143478.D
Acq: 20 Aug 2025 11:25

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

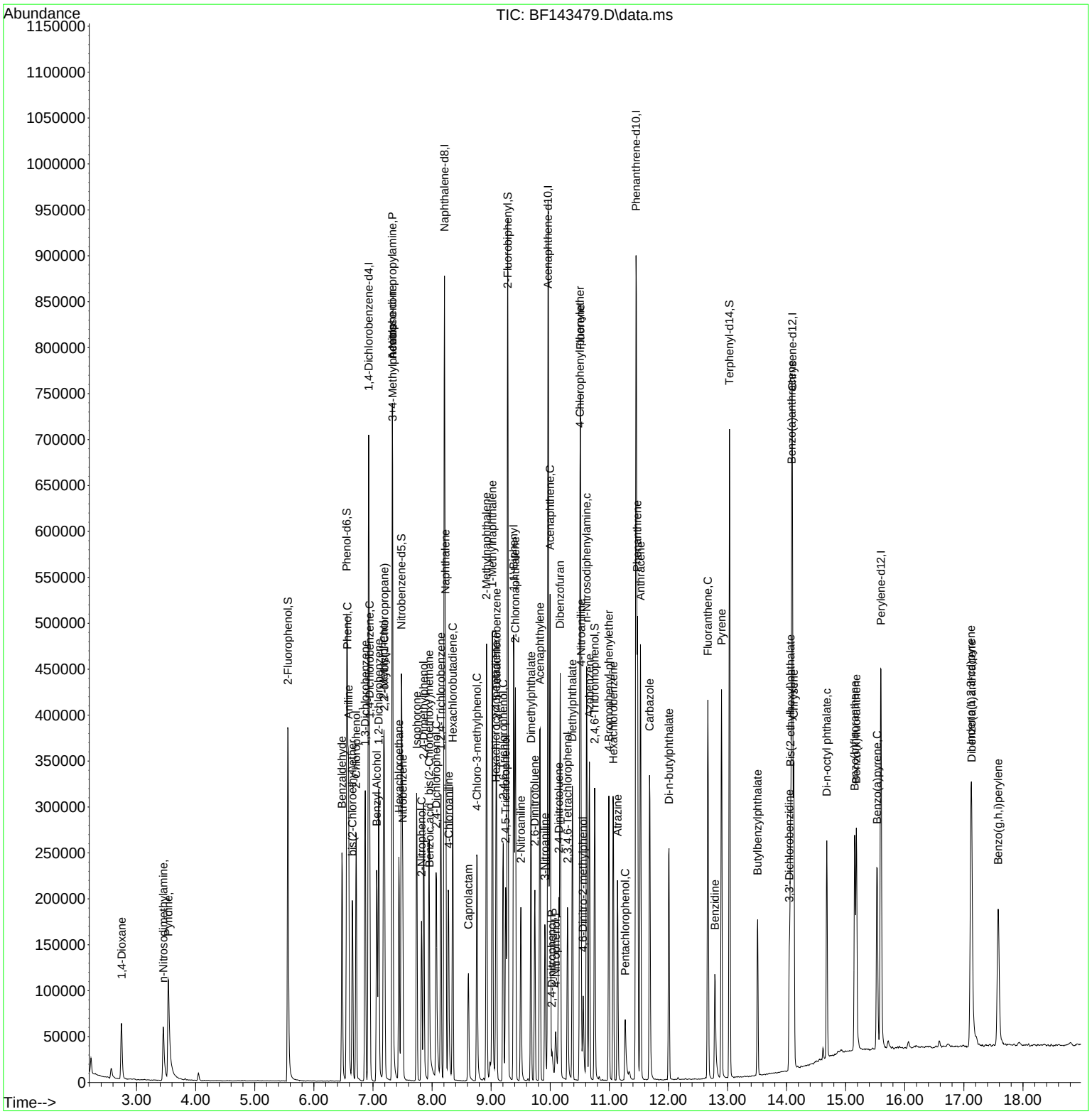
(#) = qualifier out of range (m) = manual integration (+) = signals summed

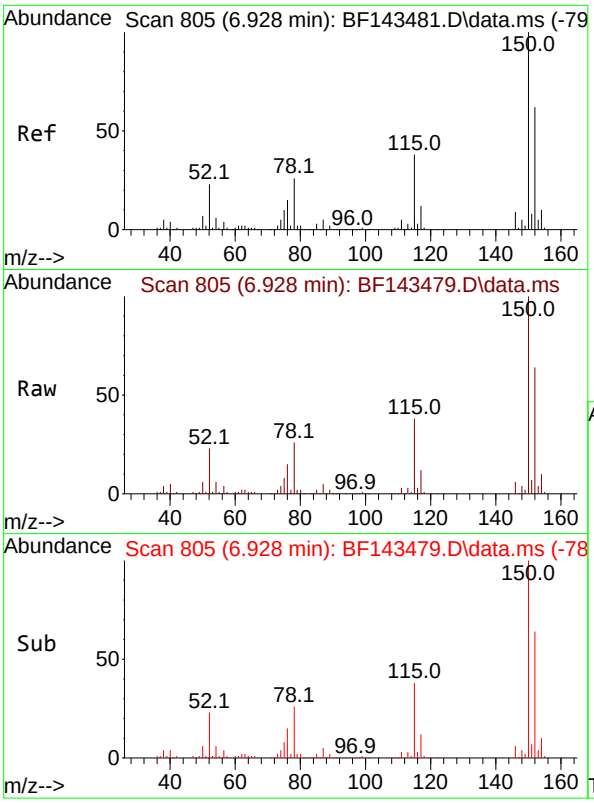
ICAL Form

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



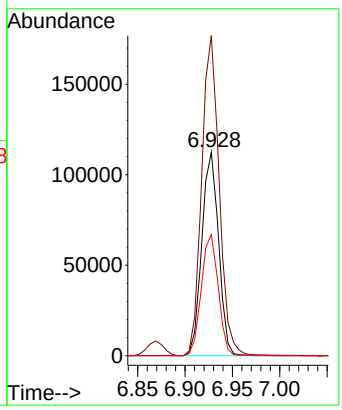


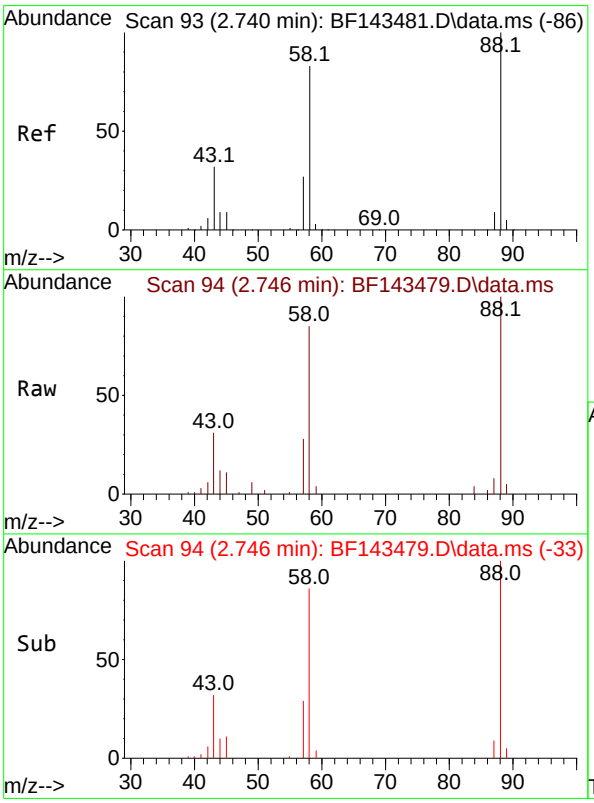
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

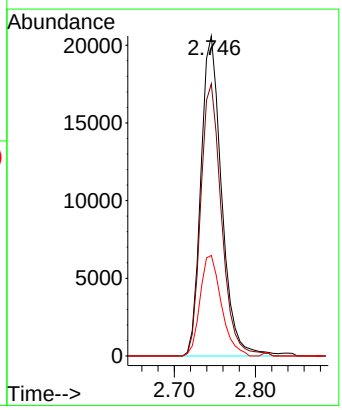


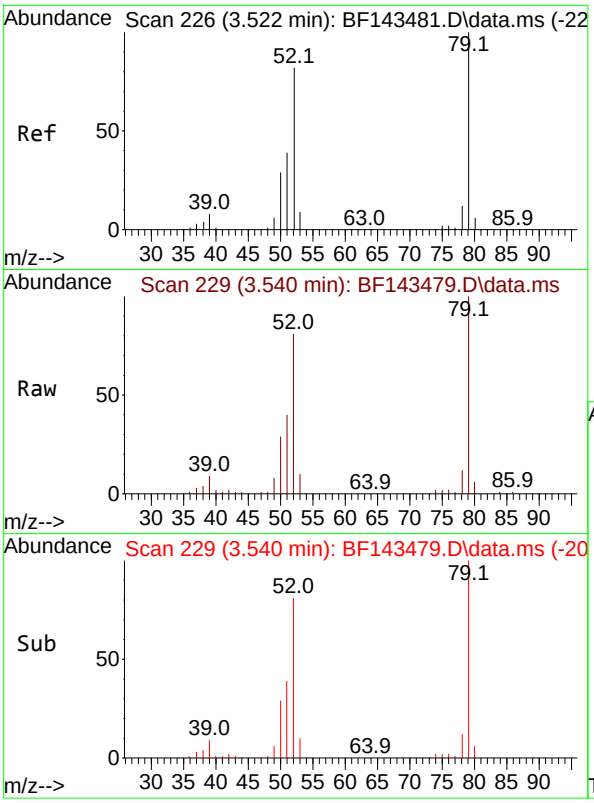


#2
1,4-Dioxane
Concen: 9.961 ng
RT: 2.746 min Scan# 94
Delta R.T. 0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



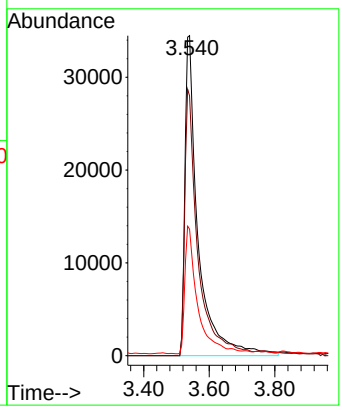


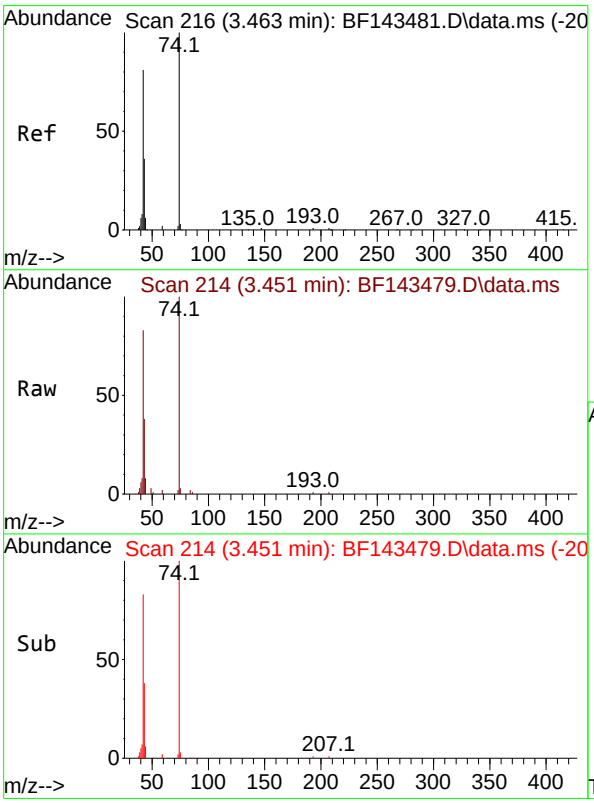
#3
Pyridine
Concen: 9.852 ng
RT: 3.540 min Scan# 2
Delta R.T. 0.023 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

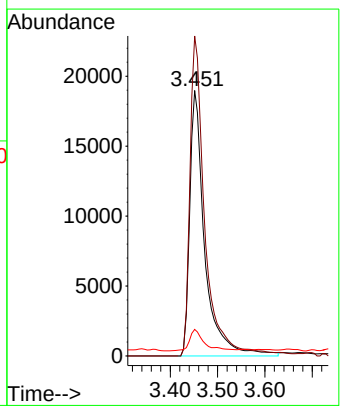


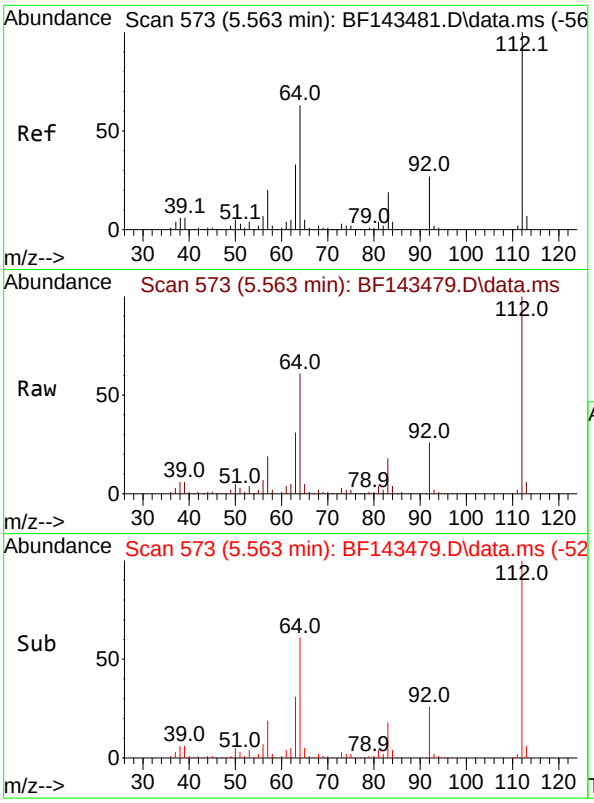


#4
n-Nitrosodimethylamine
Concen: 9.507 ng
RT: 3.451 min Scan# 214
Delta R.T. -0.024 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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#



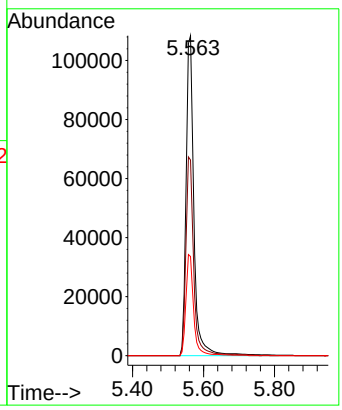


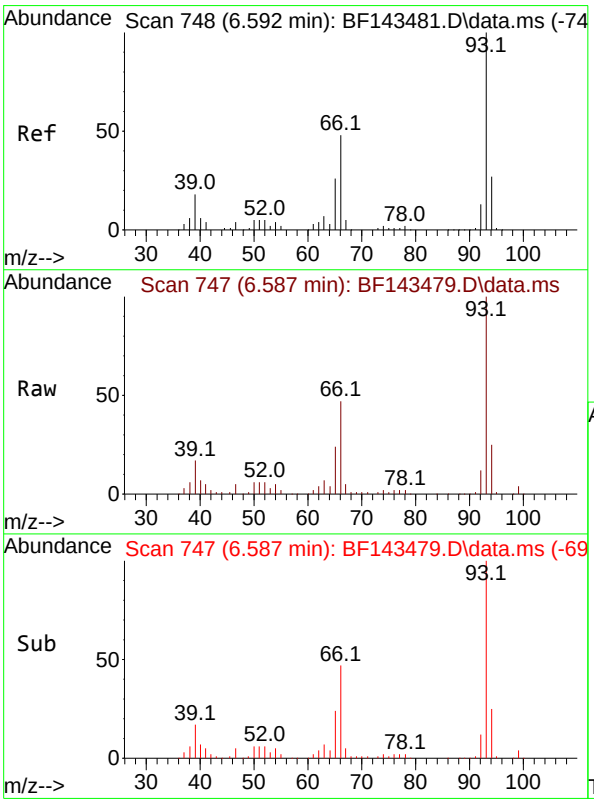
#5
2-Fluorophenol
Concen: 20.911 ng
RT: 5.563 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

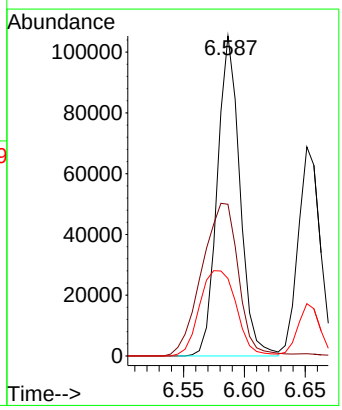


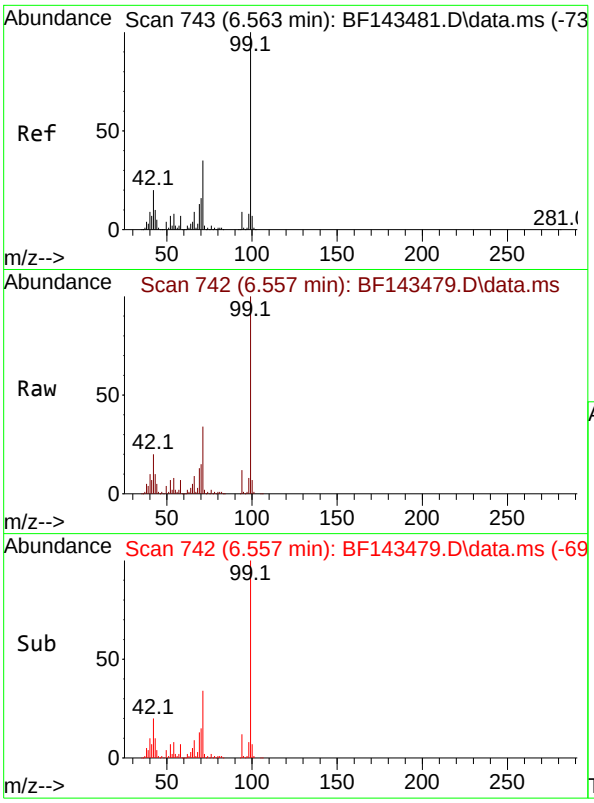


#6
Aniline
Concen: 10.420 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



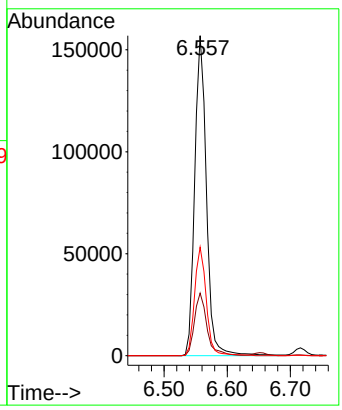


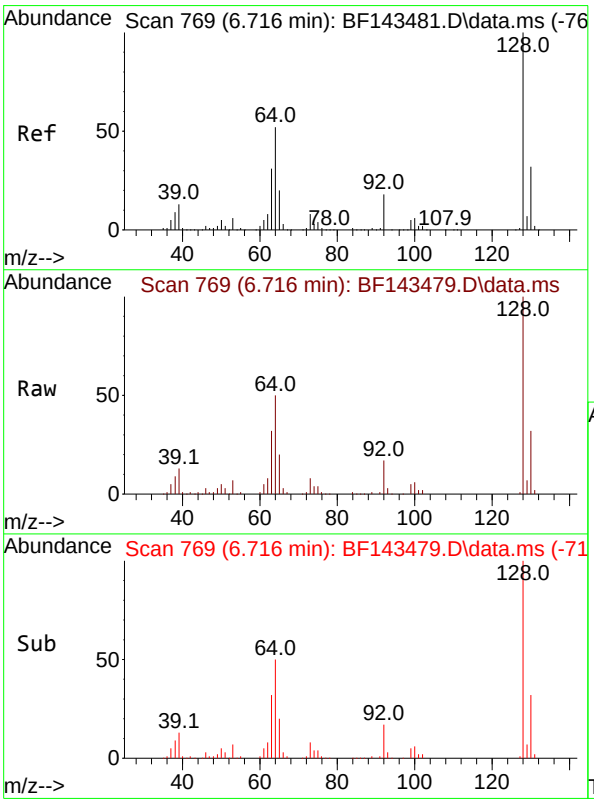
#7
Phenol-d6
Concen: 20.646 ng
RT: 6.557 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

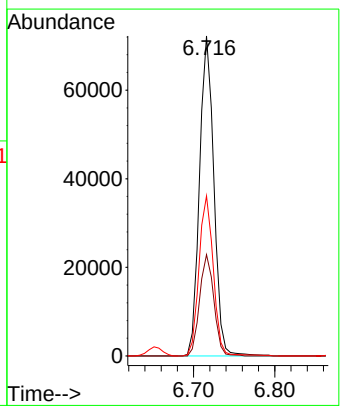


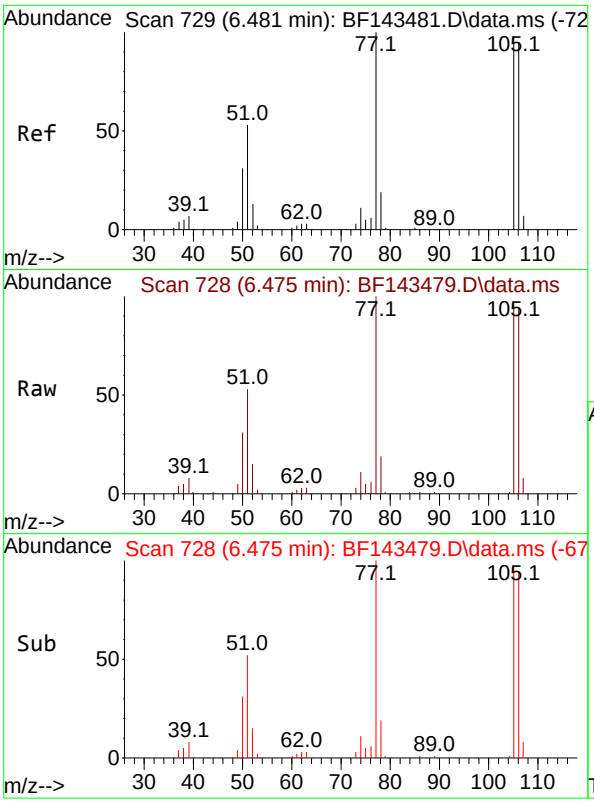


#8
2-Chlorophenol
Concen: 10.152 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



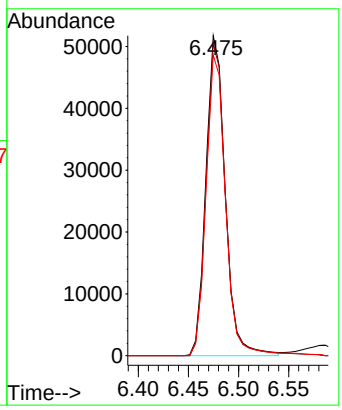


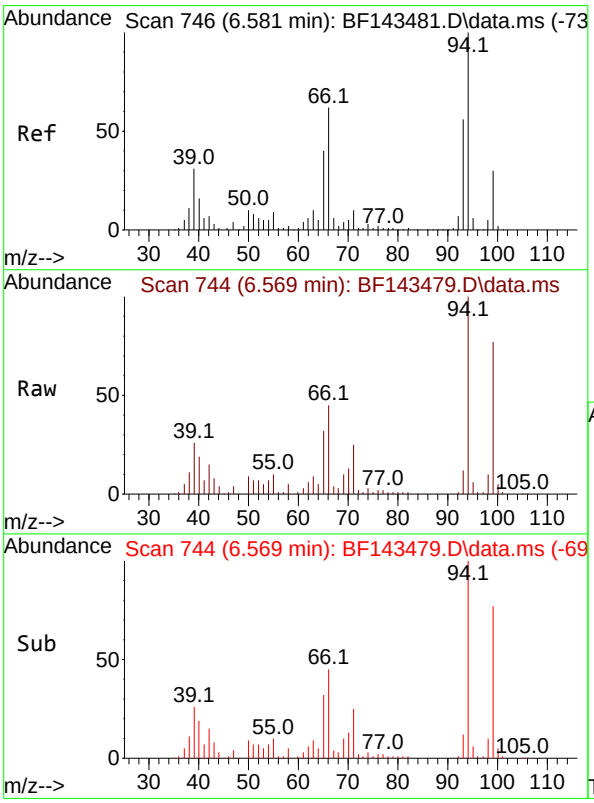
#9
Benzaldehyde
Concen: 8.802 ng
RT: 6.475 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

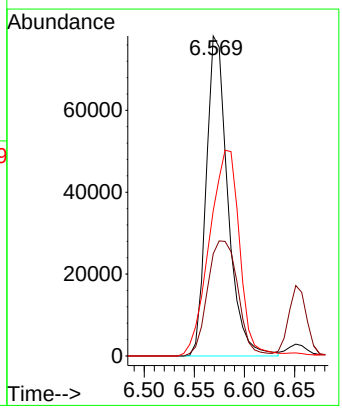


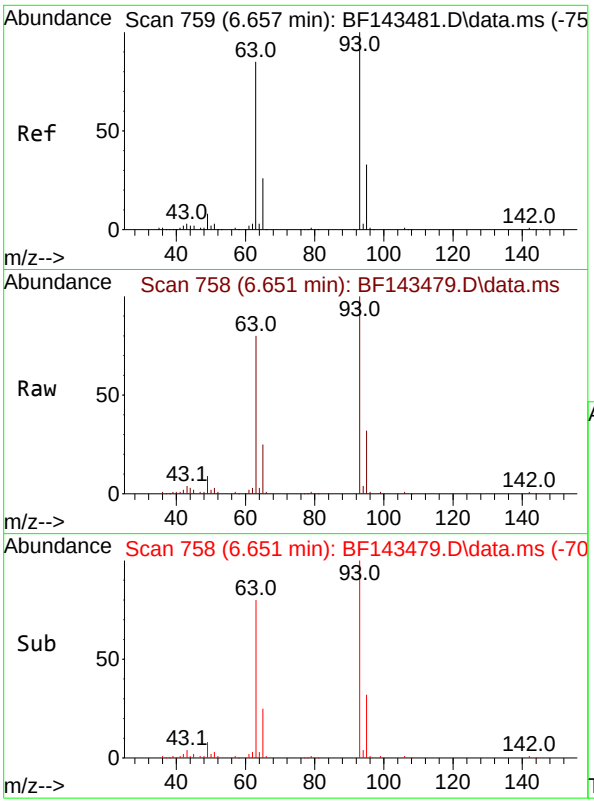


#10
Phenol
Concen: 10.408 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



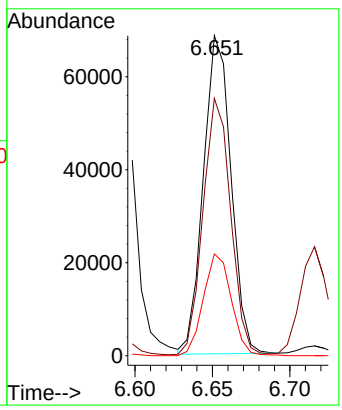


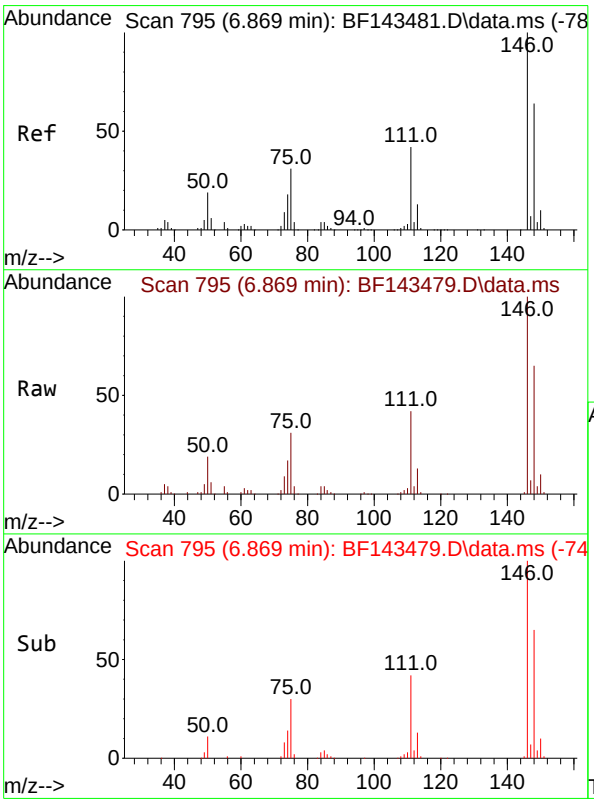
#11
bis(2-Chloroethyl)ether
Concen: 10.102 ng
RT: 6.651 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

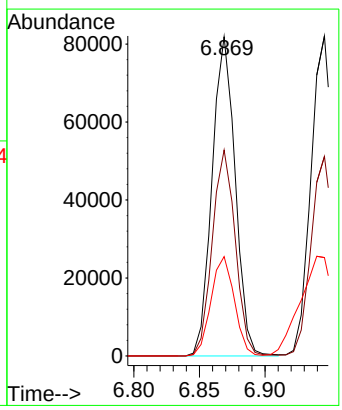


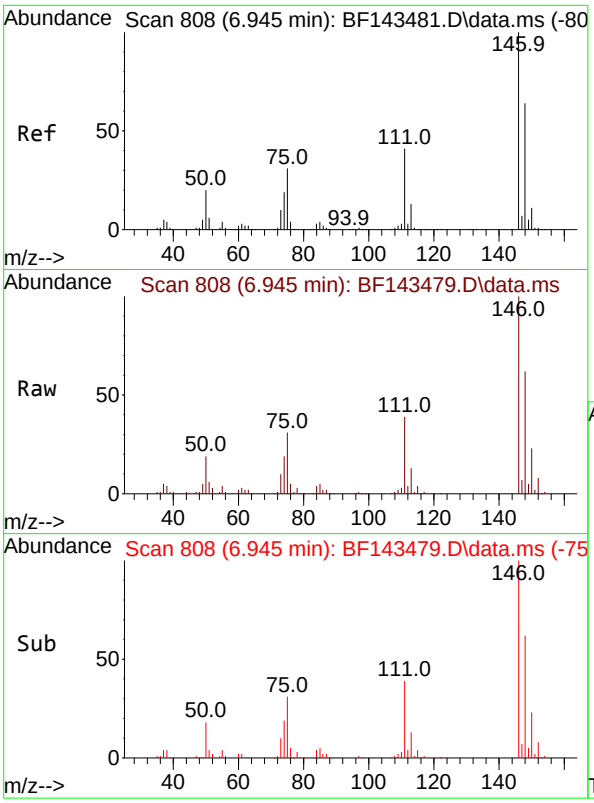


#12
1,3-Dichlorobenzene
Concen: 10.207 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



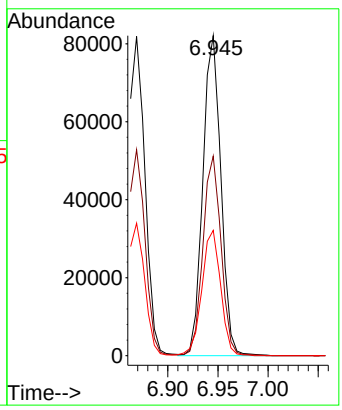


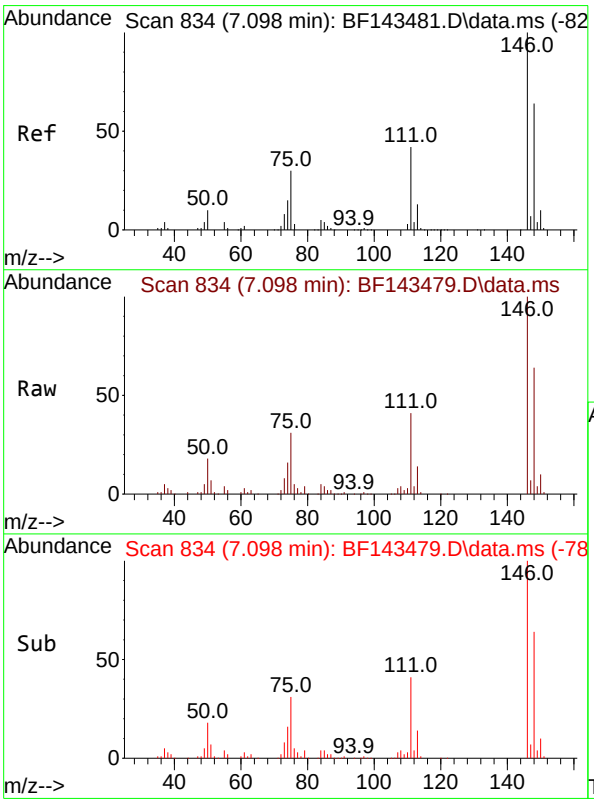
#13
1,4-Dichlorobenzene
Concen: 10.432 ng
RT: 6.945 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

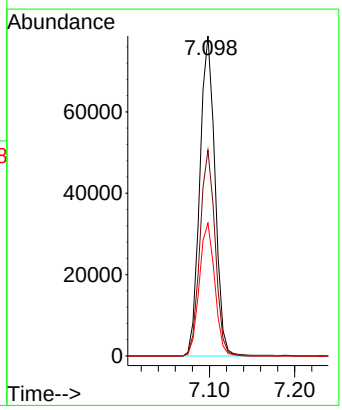


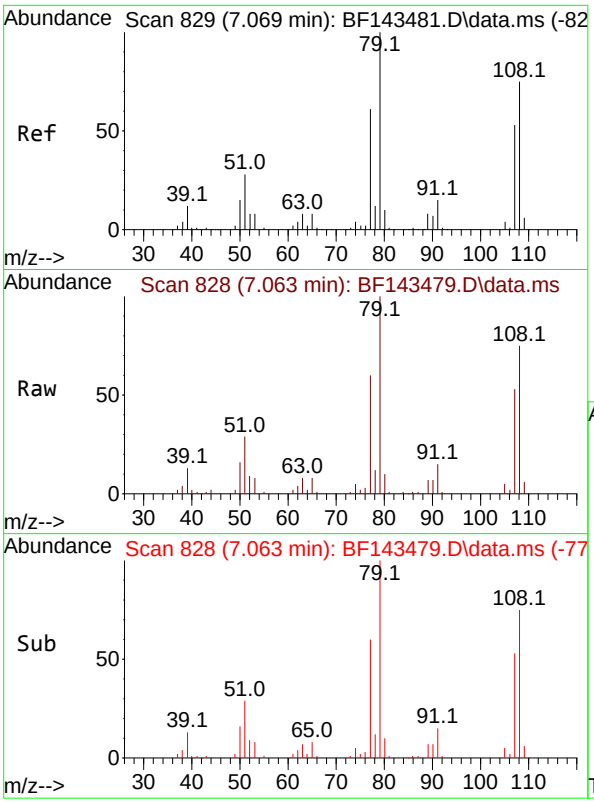


#14
1,2-Dichlorobenzene
Concen: 10.464 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



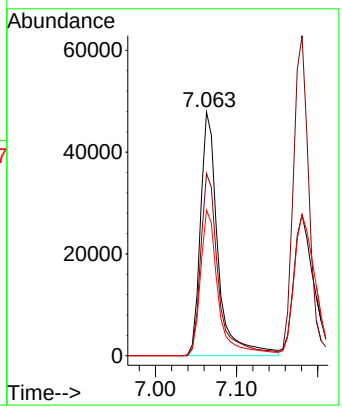


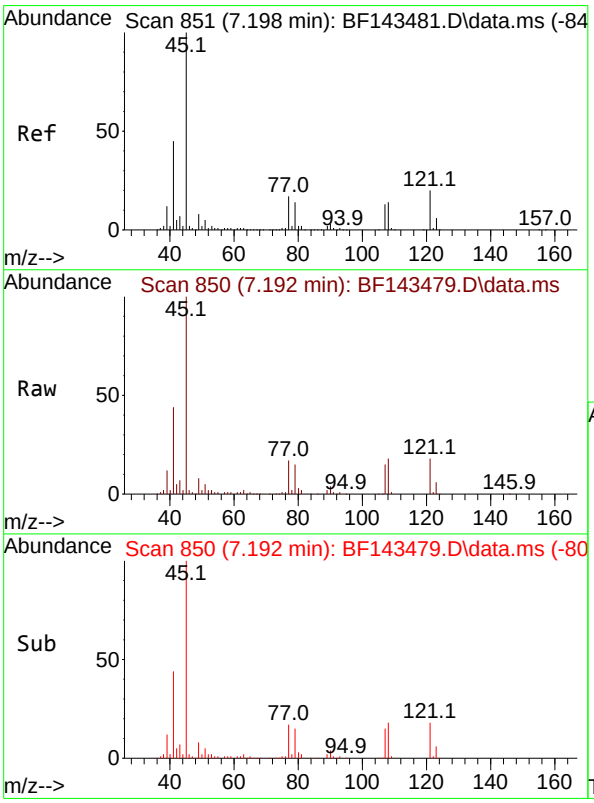
#15
Benzyl Alcohol
Concen: 9.792 ng
RT: 7.063 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

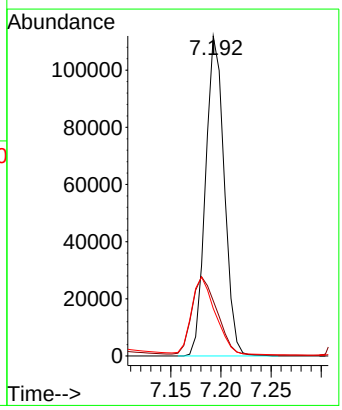


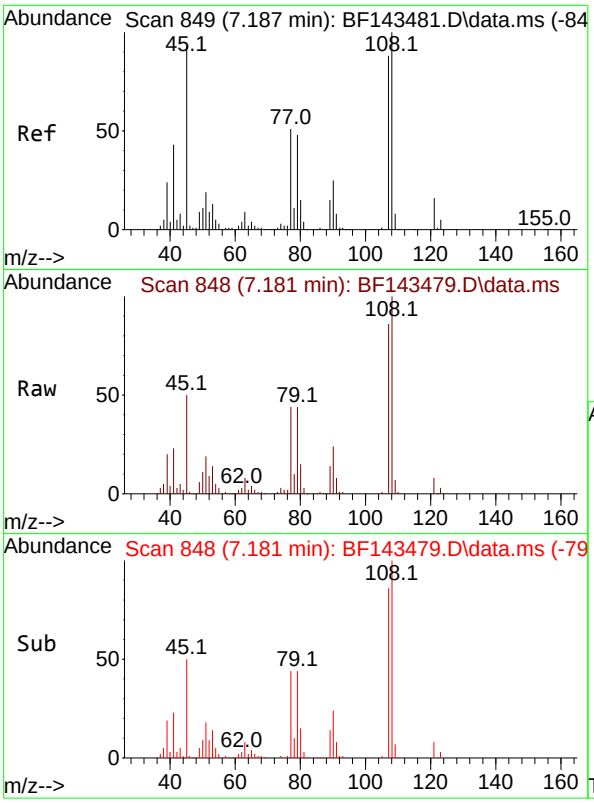


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.806 ng
RT: 7.192 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



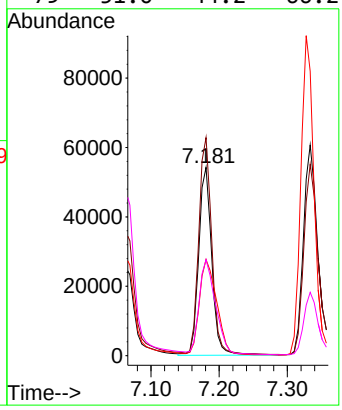


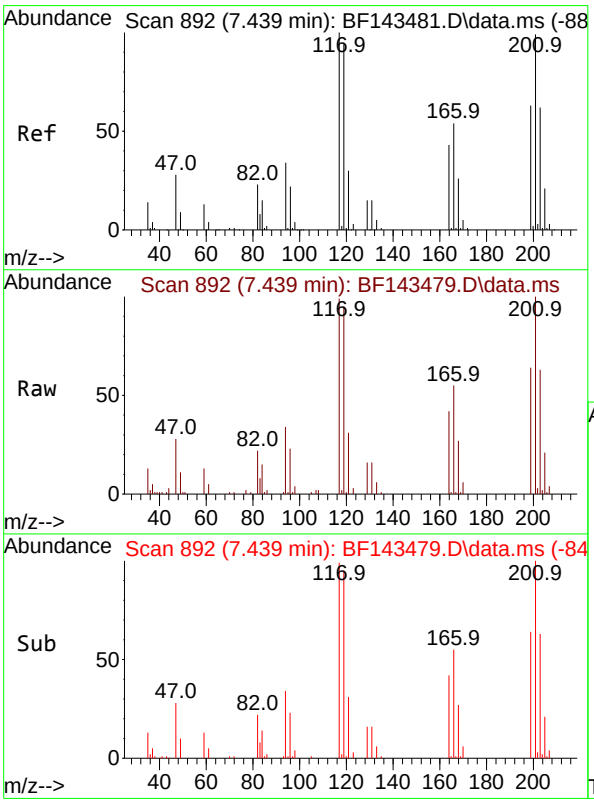
#17
2-Methylphenol
Concen: 10.260 ng
RT: 7.181 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

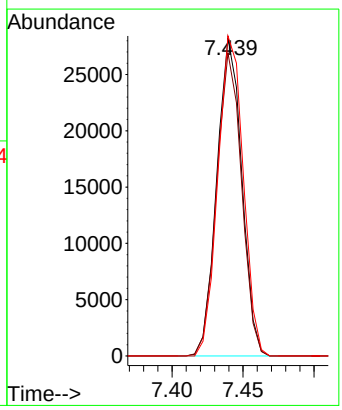


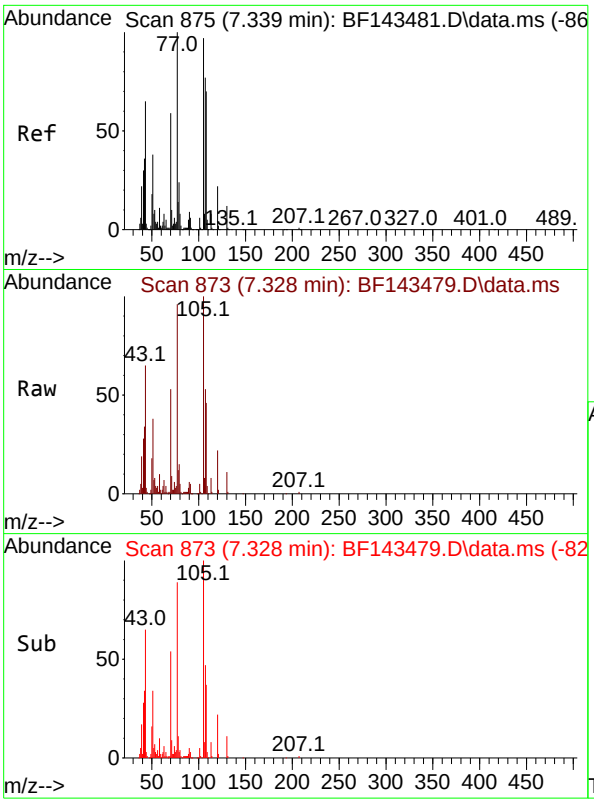


#18
Hexachloroethane
Concen: 10.276 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



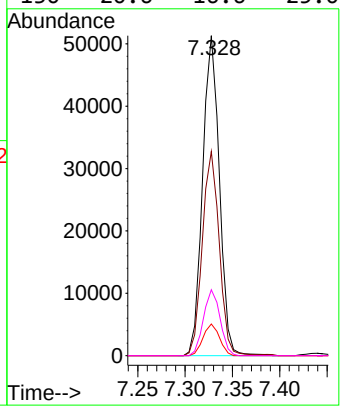


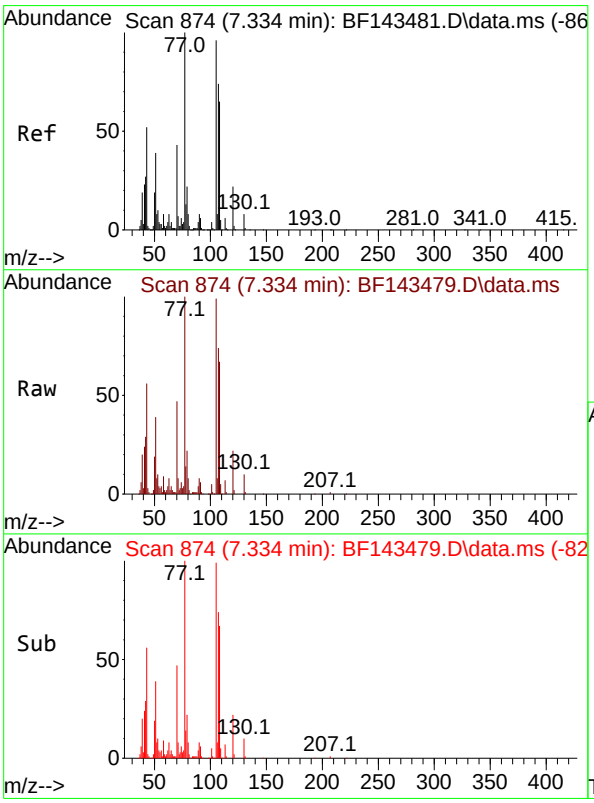
#19
n-Nitroso-di-n-propylamine
Concen: 10.552 ng
RT: 7.328 min Scan# 8
Delta R.T. -0.024 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

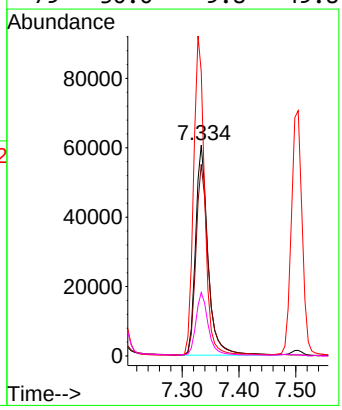


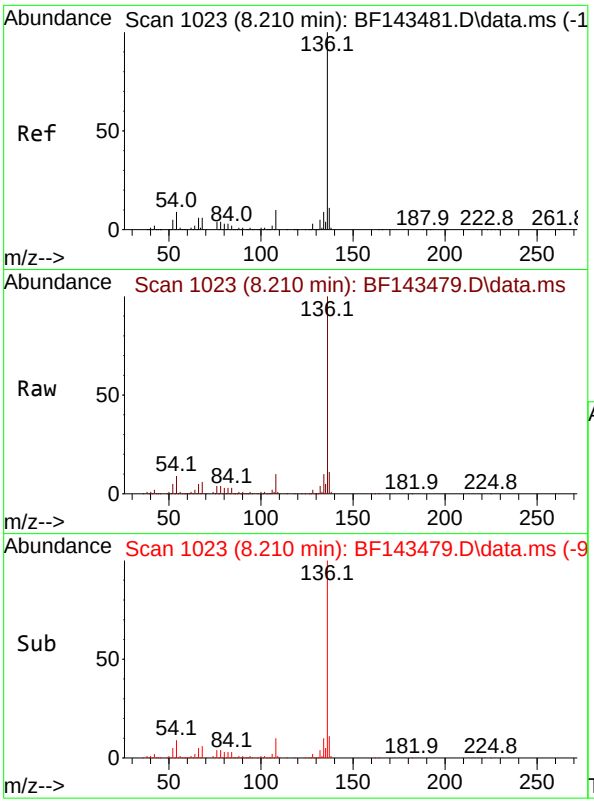


#20
3+4-Methylphenols
Concen: 11.034 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



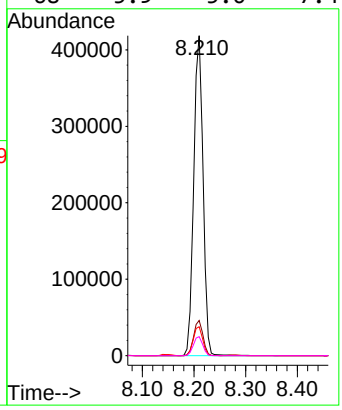


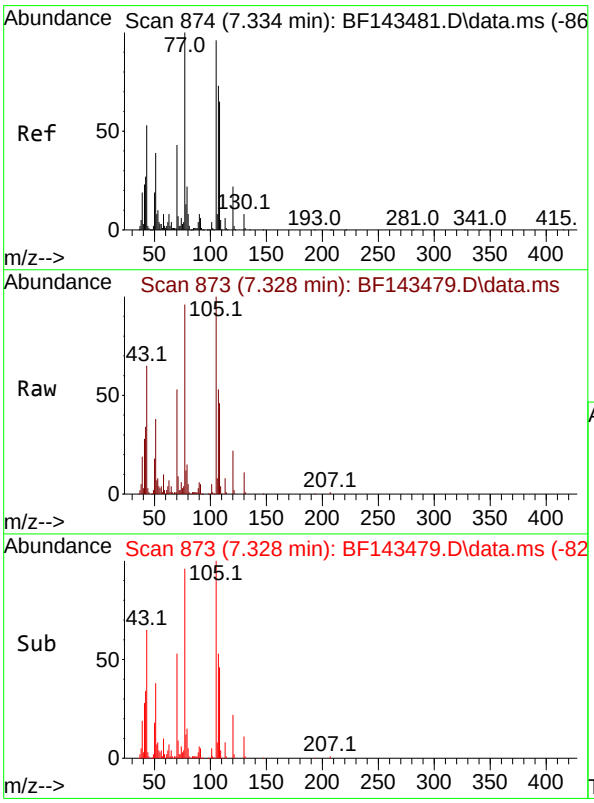
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

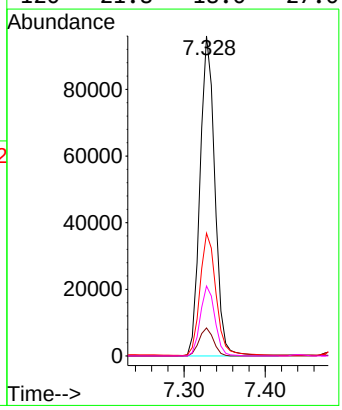


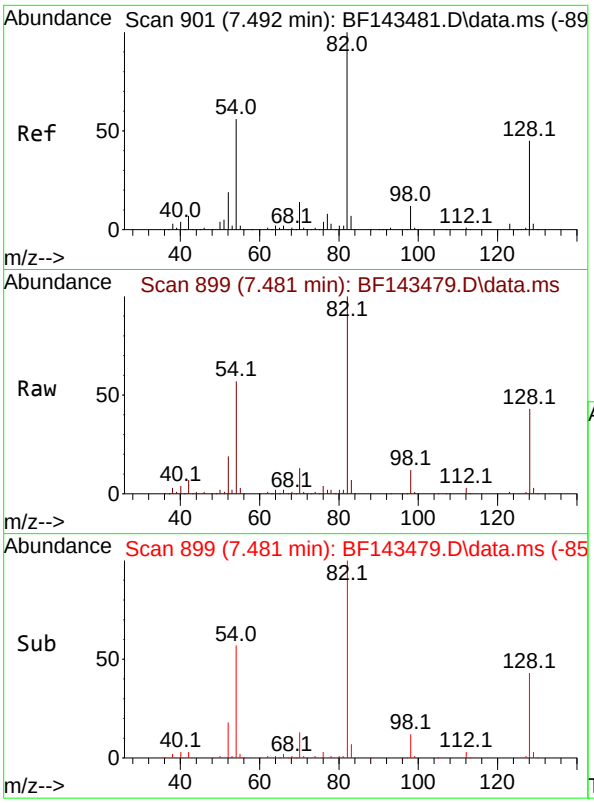


#22
Acetophenone
Concen: 10.745 ng
RT: 7.328 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



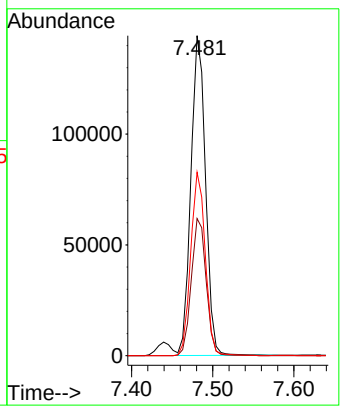


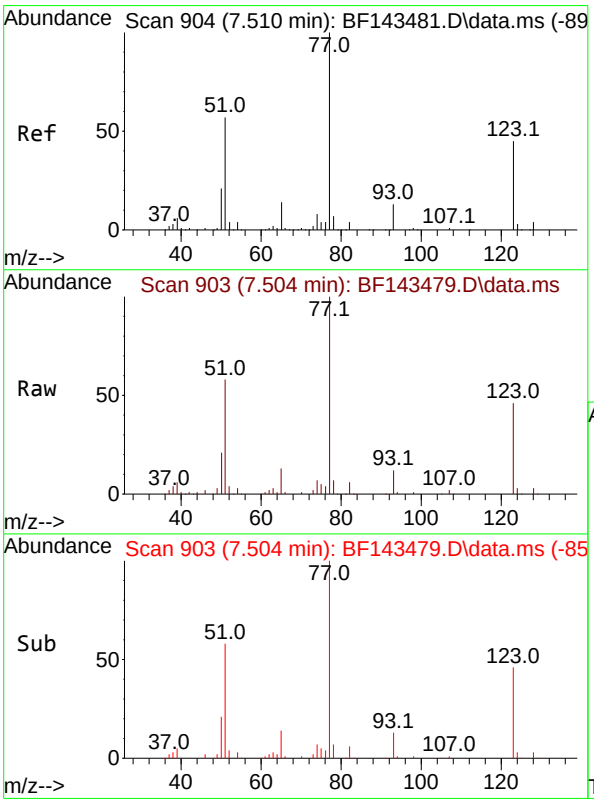
#23
Nitrobenzene-d5
Concen: 20.141 ng
RT: 7.481 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

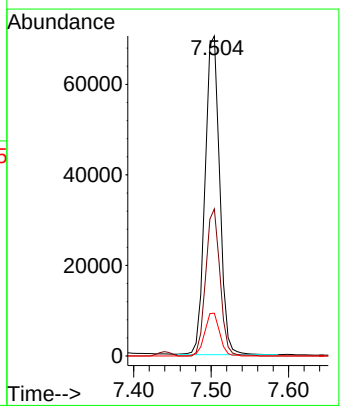


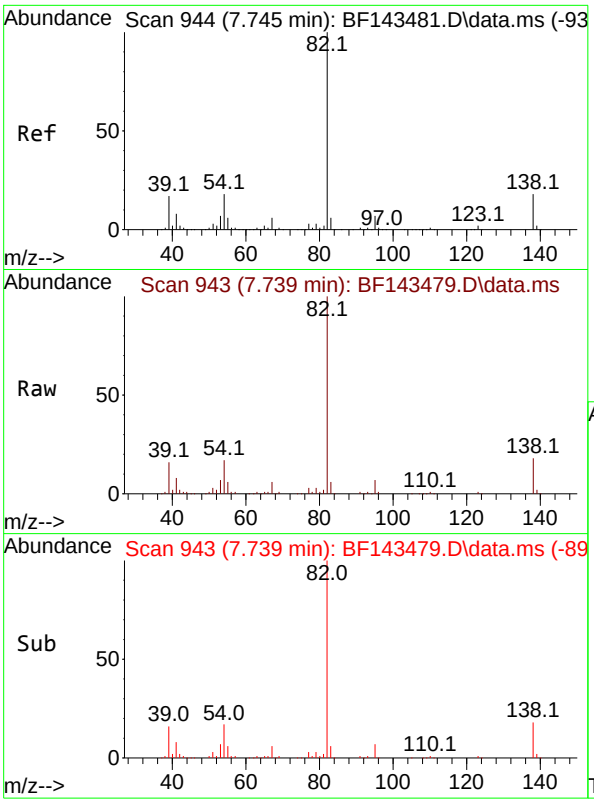


#24
Nitrobenzene
Concen: 9.960 ng
RT: 7.504 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



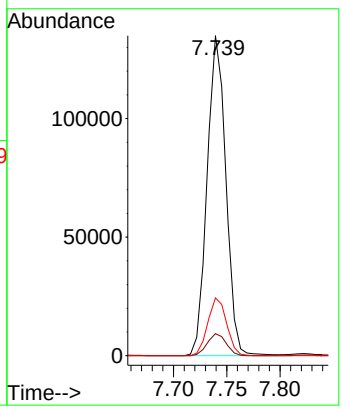


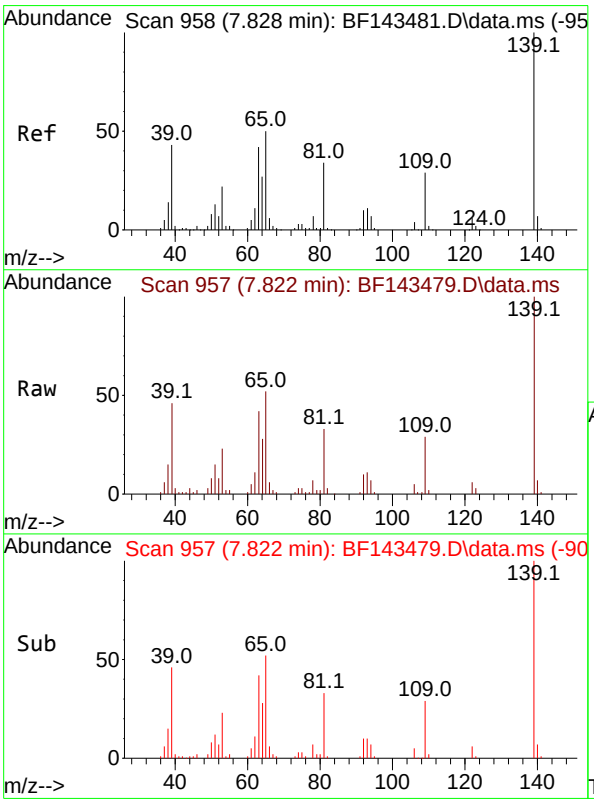
#25
Isophorone
Concen: 10.025 ng
RT: 7.739 min Scan# 94
Delta R.T. -0.018 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

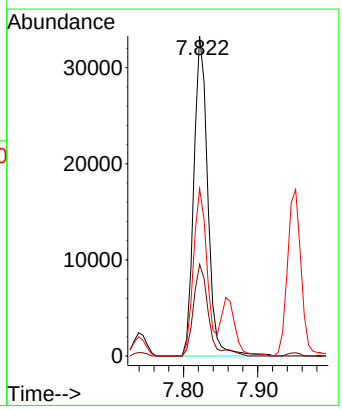


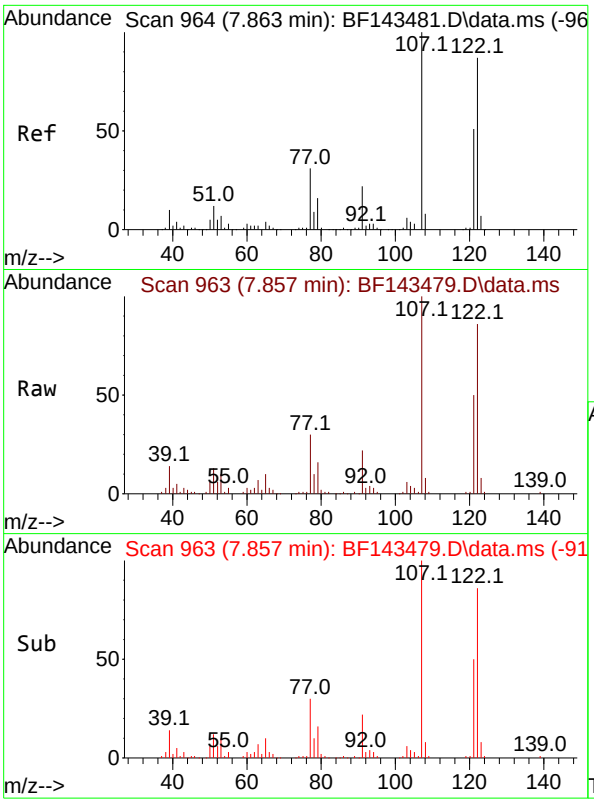


#26
2-Nitrophenol
Concen: 9.575 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



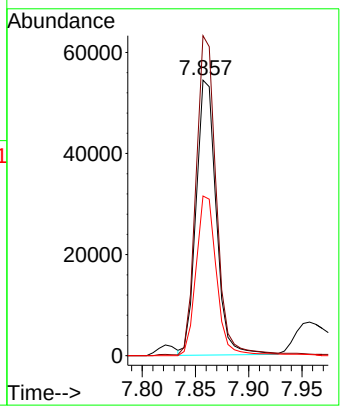


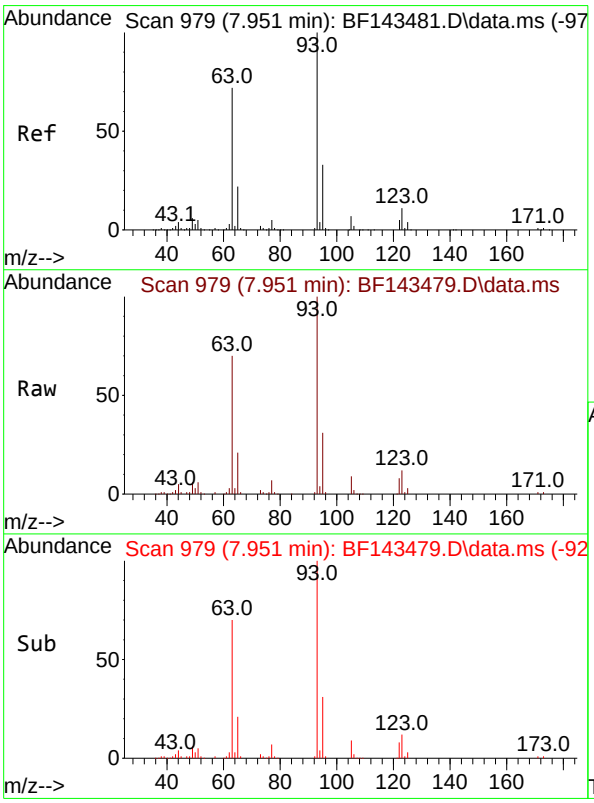
#27
2,4-Dimethylphenol
Concen: 10.105 ng
RT: 7.857 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

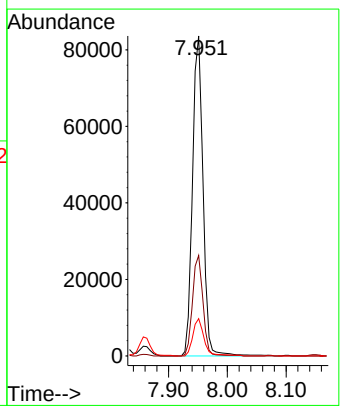


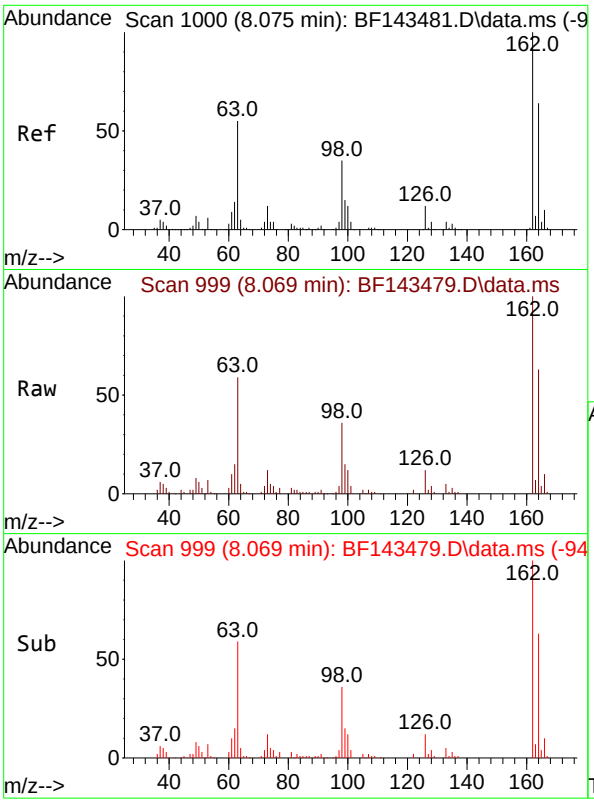


#28
bis(2-Chloroethoxy)methane
Concen: 10.329 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



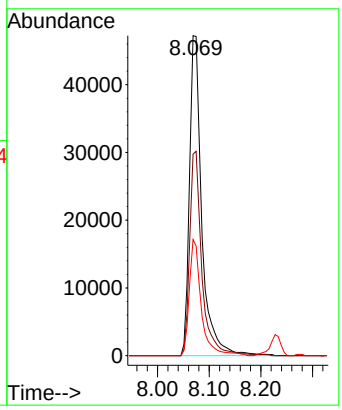


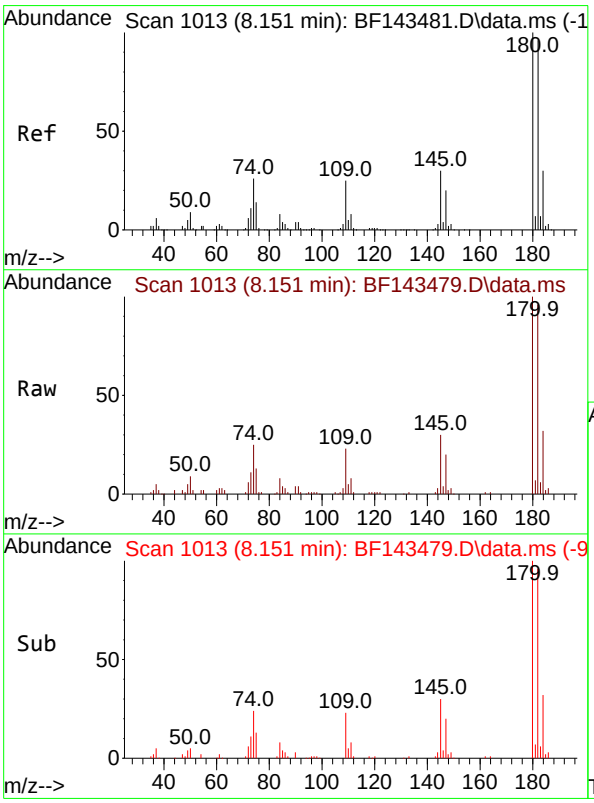
#29
2,4-Dichlorophenol
Concen: 10.394 ng
RT: 8.069 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

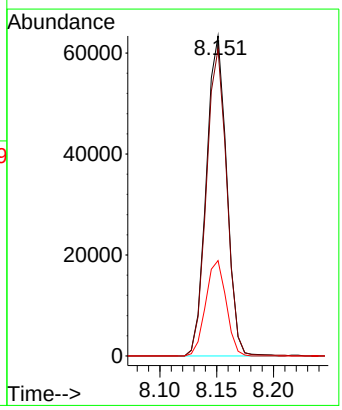


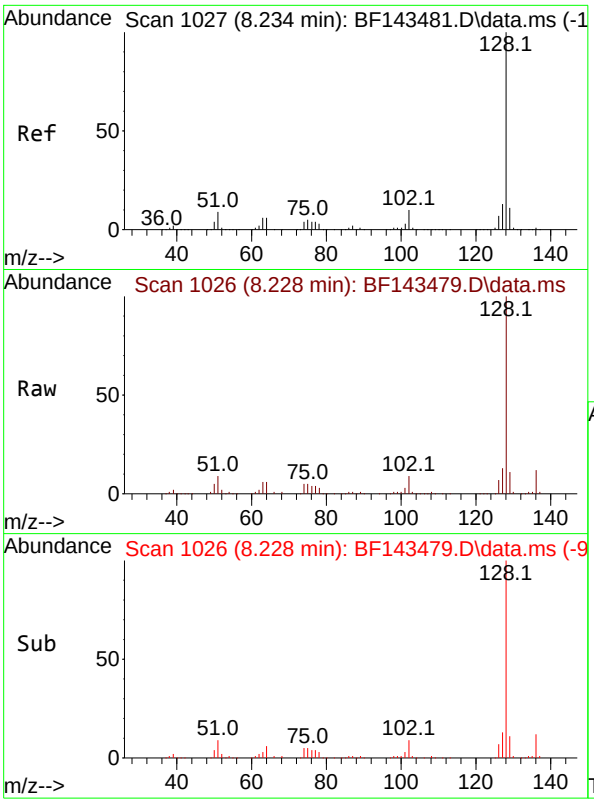


#30
1,2,4-Trichlorobenzene
Concen: 10.143 ng
RT: 8.151 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



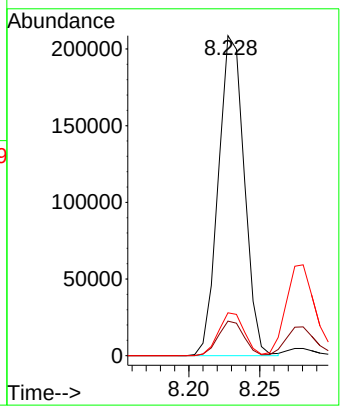


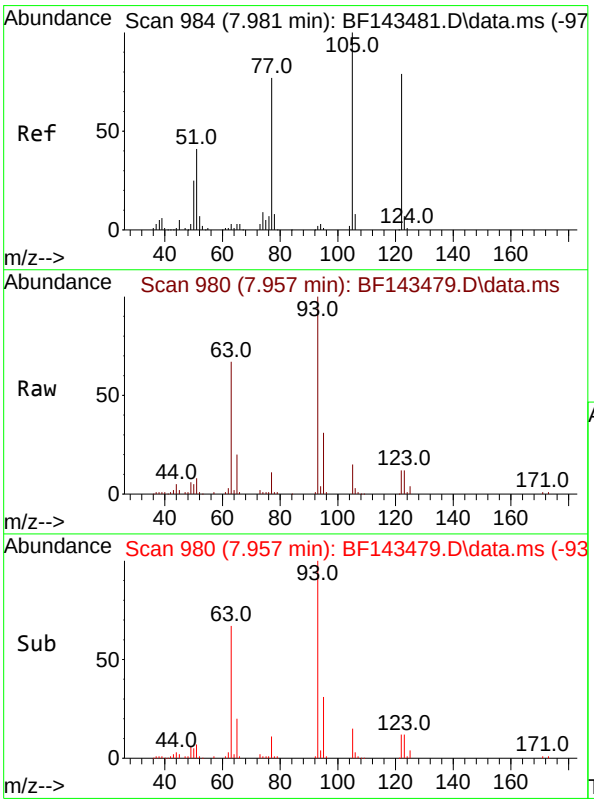
#31
Naphthalene
Concen: 10.503 ng
RT: 8.228 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

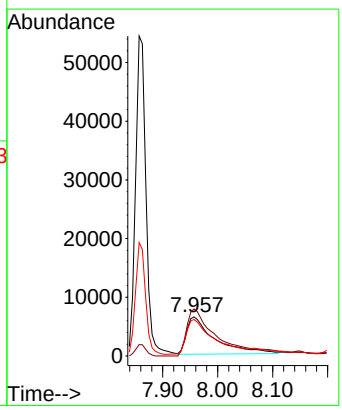


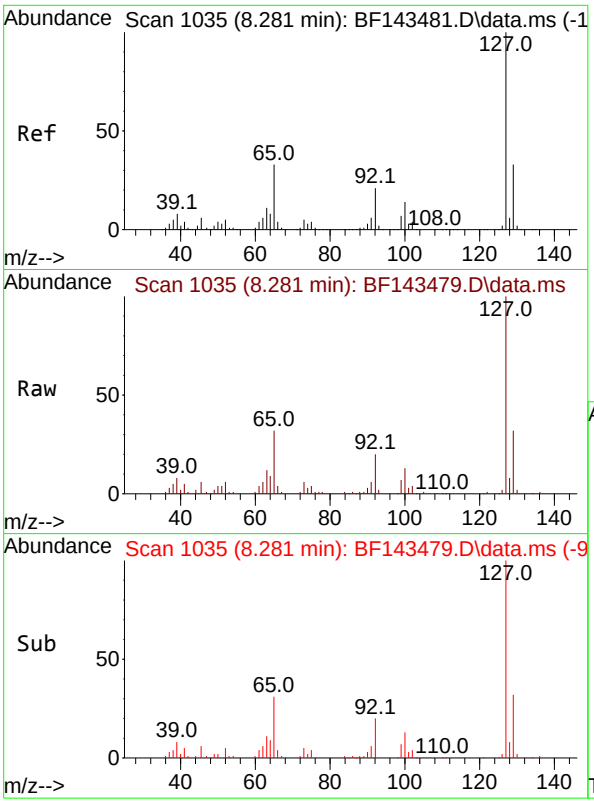


#32
Benzoic acid
Concen: 10.817 ng
RT: 7.957 min Scan# 980
Delta R.T. -0.053 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



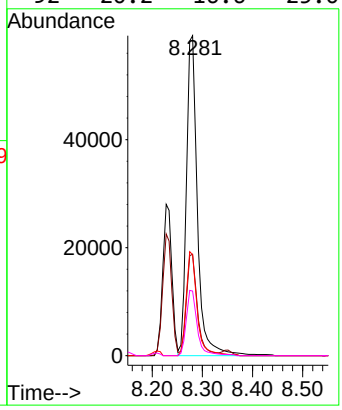


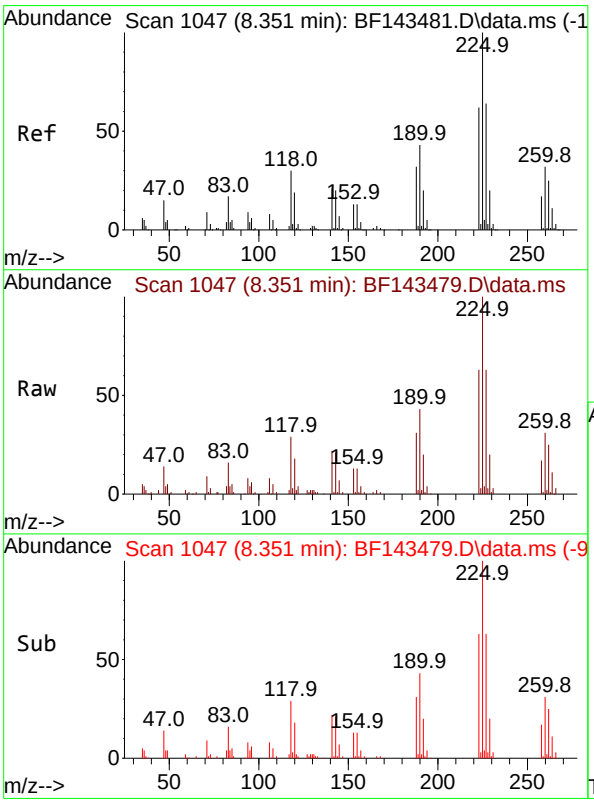
#33
4-Chloroaniline
Concen: 10.129 ng
RT: 8.281 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

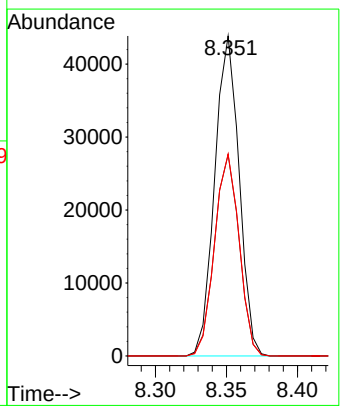


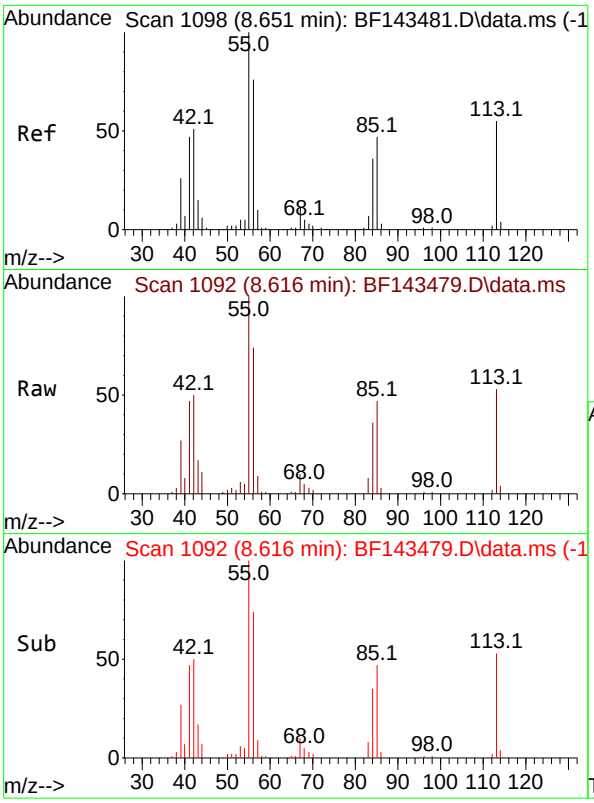


#34
Hexachlorobutadiene
Concen: 10.321 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



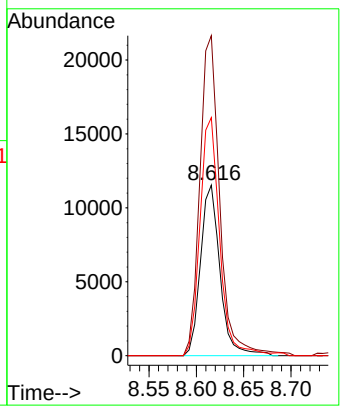


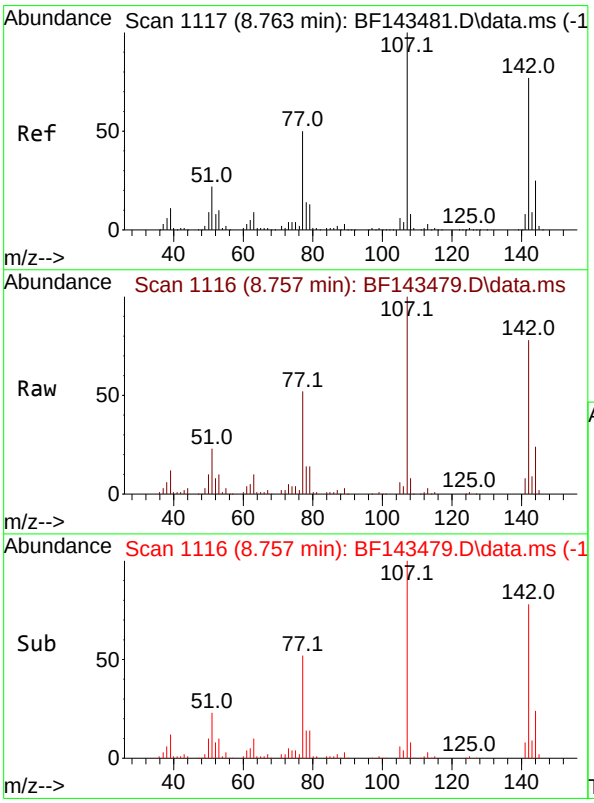
#35
Caprolactam
Concen: 9.099 ng
RT: 8.616 min Scan# 1
Delta R.T. -0.059 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

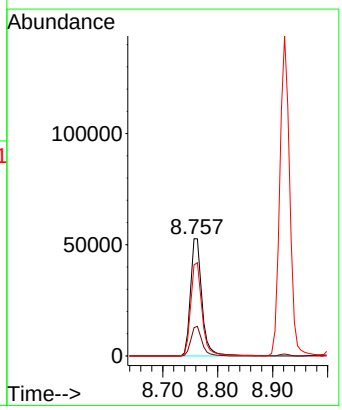


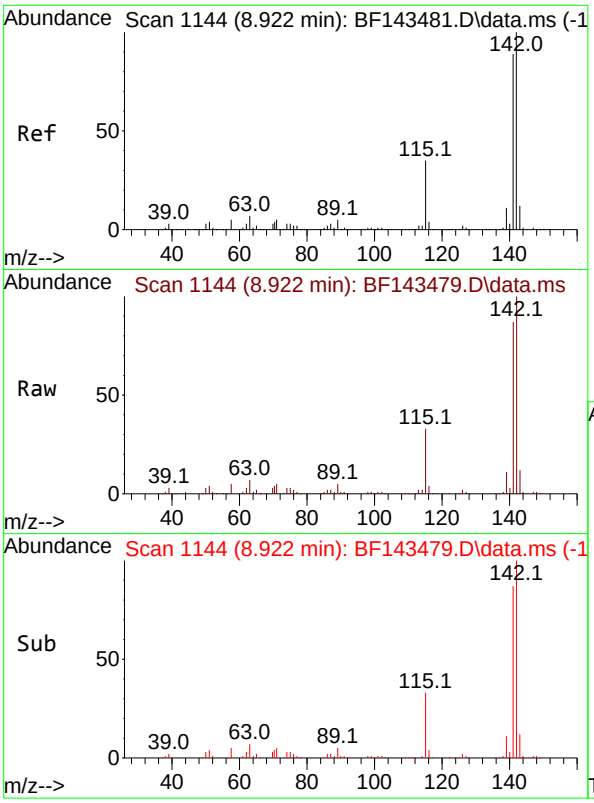


#36
4-Chloro-3-methylphenol
Concen: 10.126 ng
RT: 8.757 min Scan# 1116
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



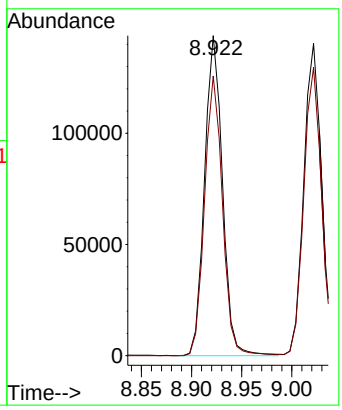


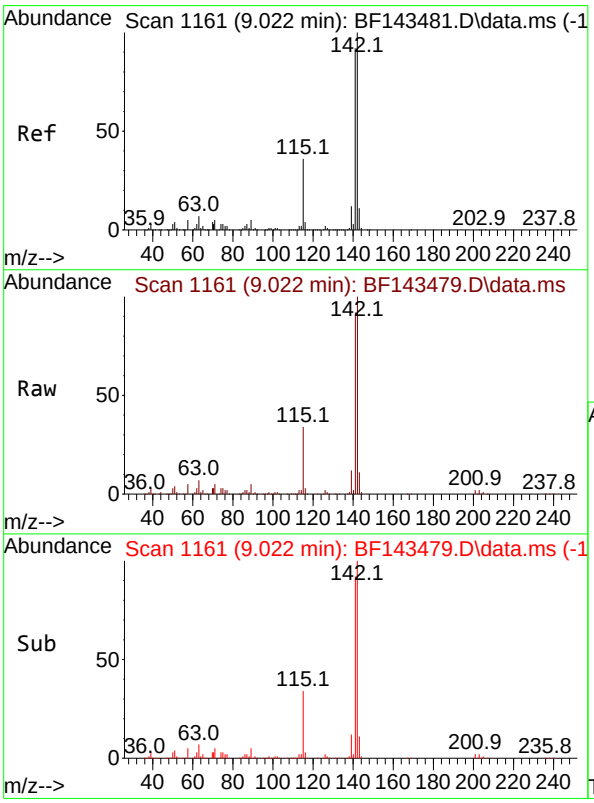
#37
2-Methylnaphthalene
Concen: 10.663 ng
RT: 8.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 179574

Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.0	106.4

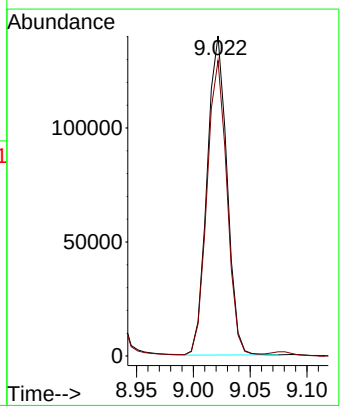


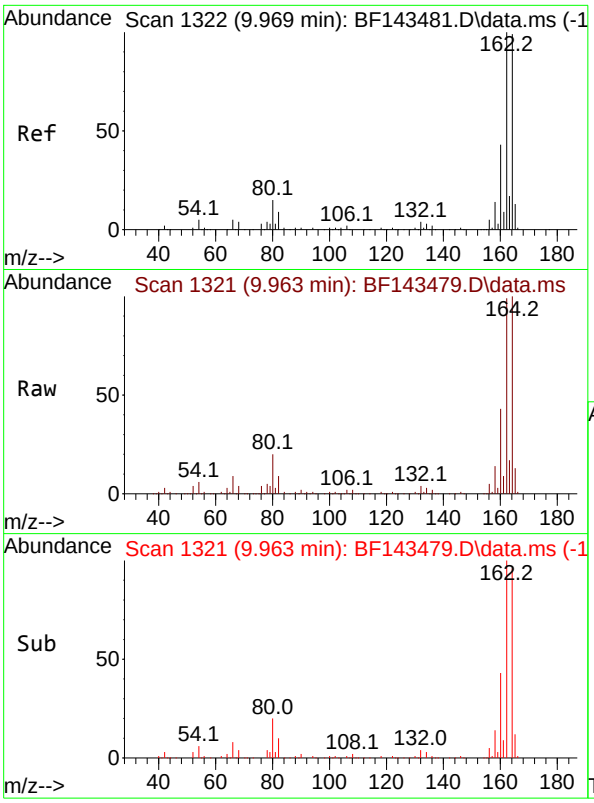


#38
1-Methylnaphthalene
Concen: 10.606 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

Tgt Ion:142 Resp: 170845

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.3	109.9



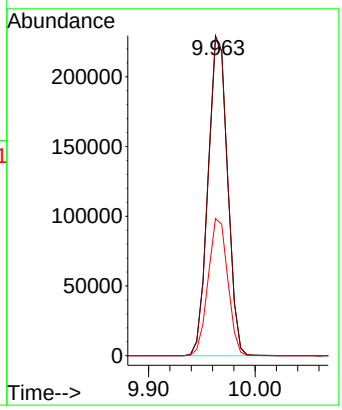


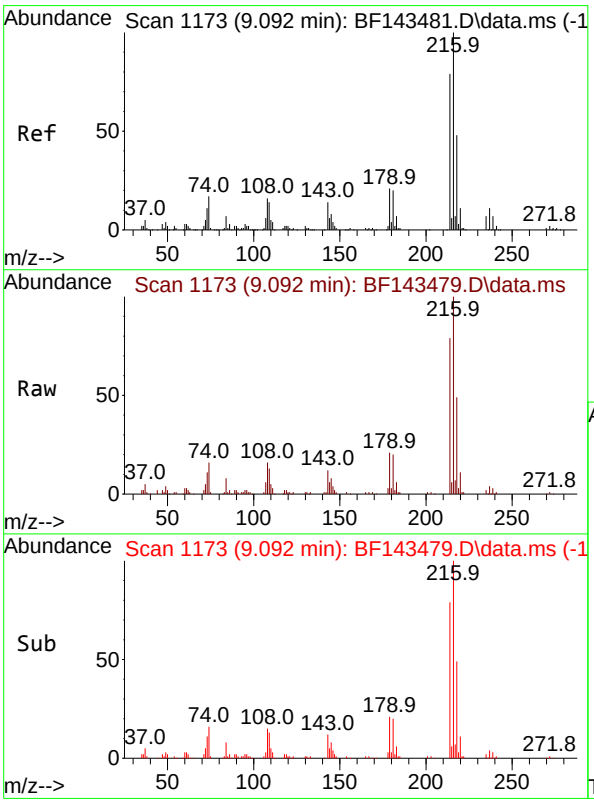
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

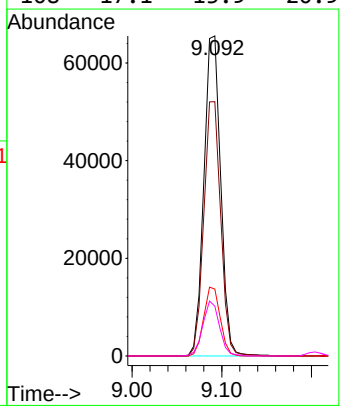


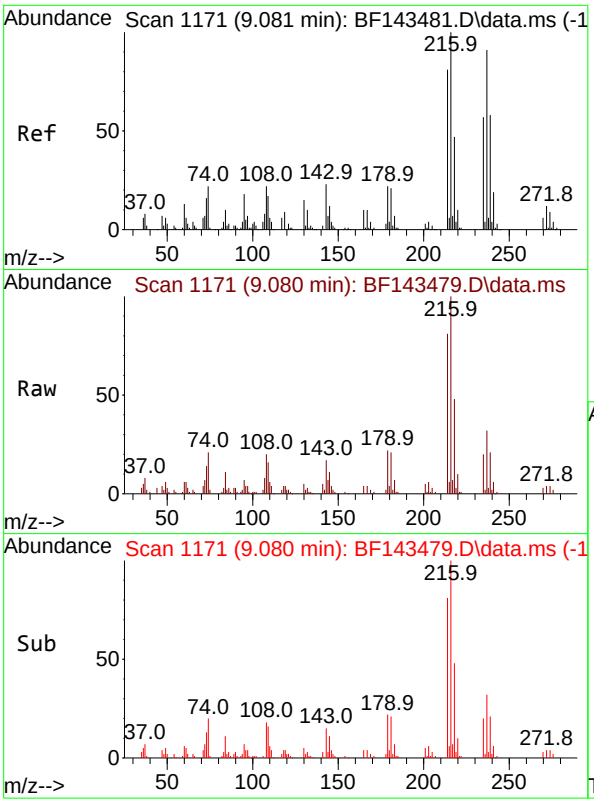


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.207 ng
RT: 9.092 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



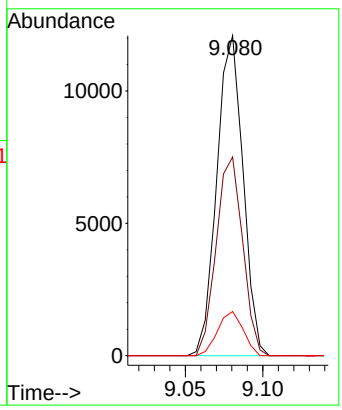


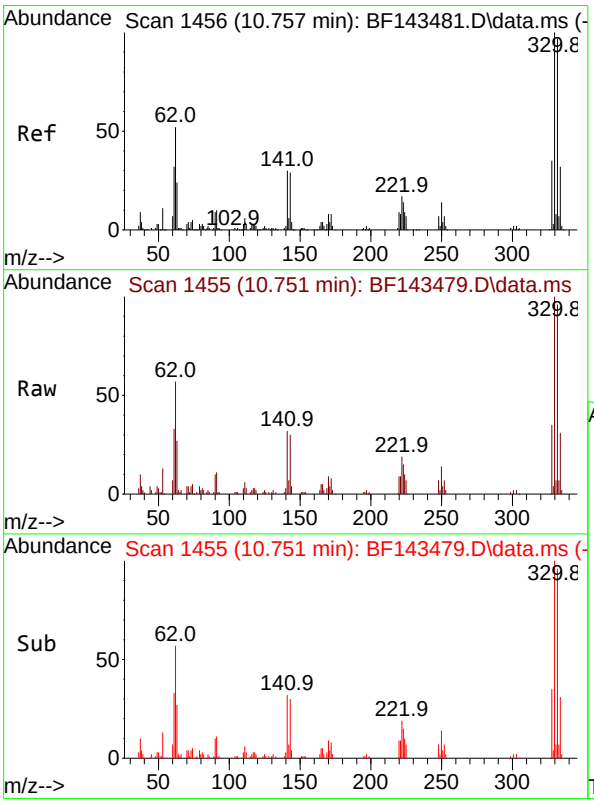
#41
Hexachlorocyclopentadiene
Concen: 10.484 ng
RT: 9.080 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

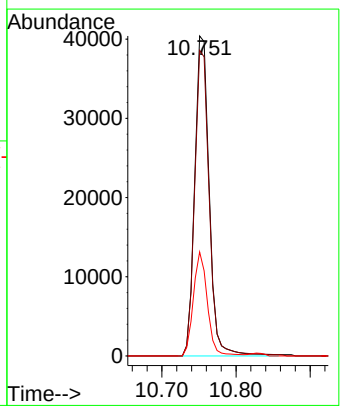


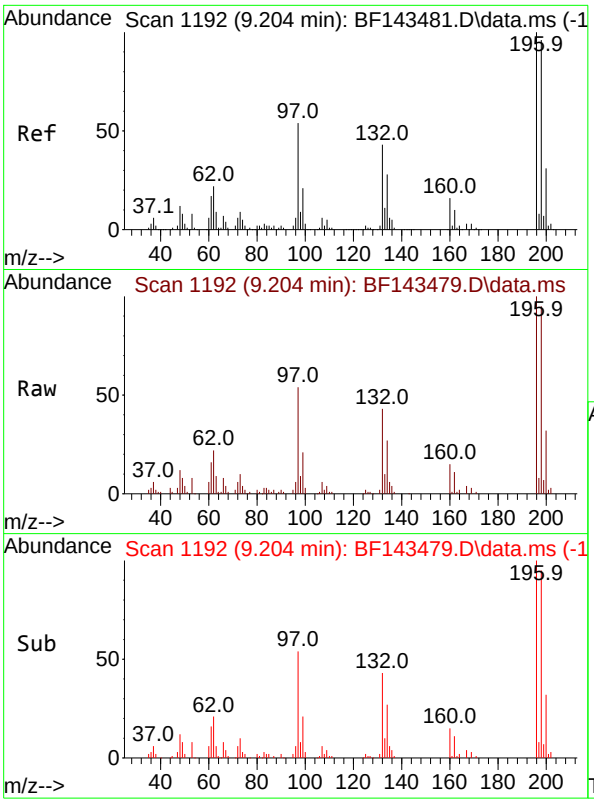


#42
2,4,6-Tribromophenol
Concen: 20.244 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



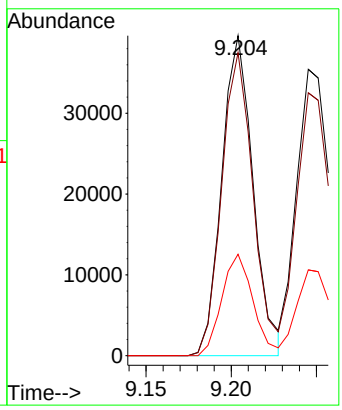


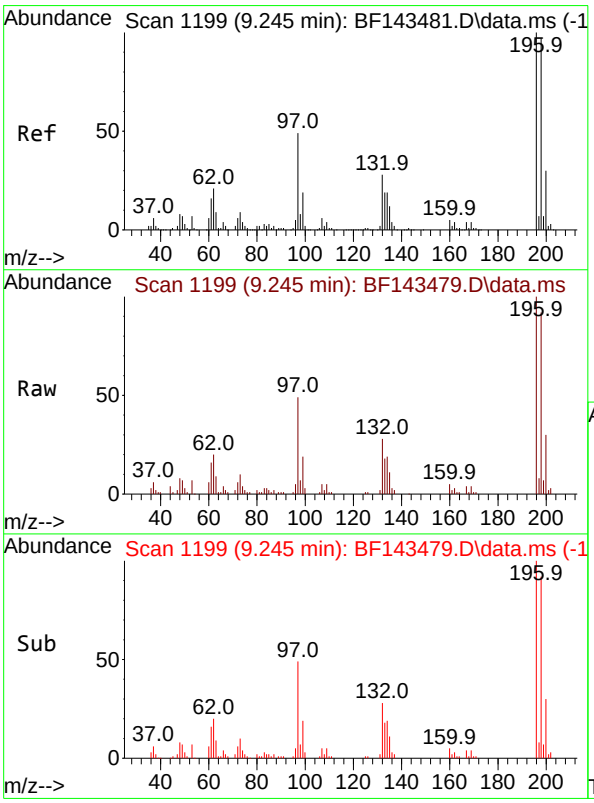
#43
2,4,6-Trichlorophenol
Concen: 9.854 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

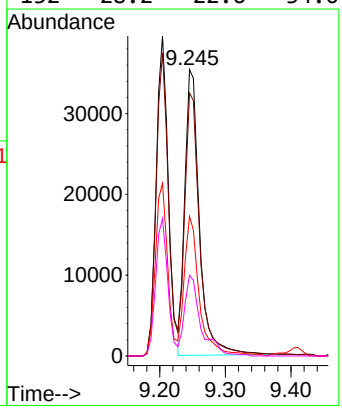


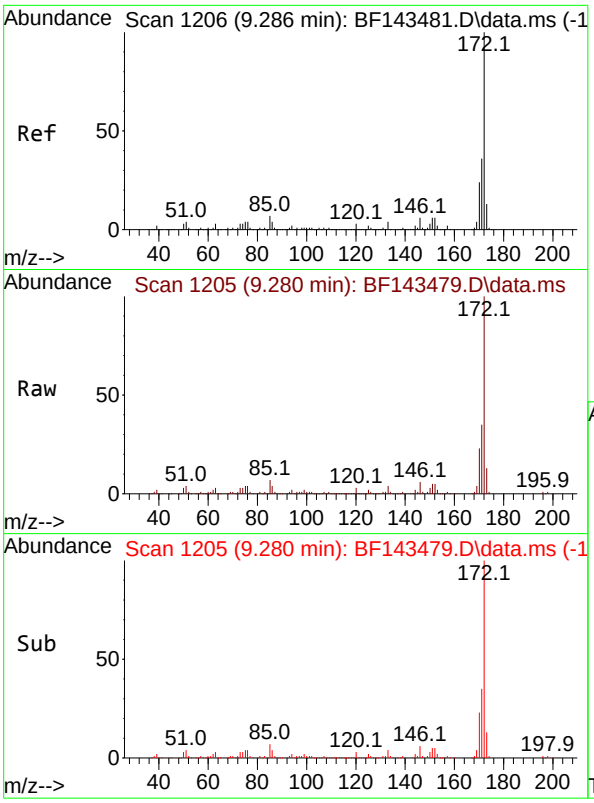


#44
2,4,5-Trichlorophenol
Concen: 9.775 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



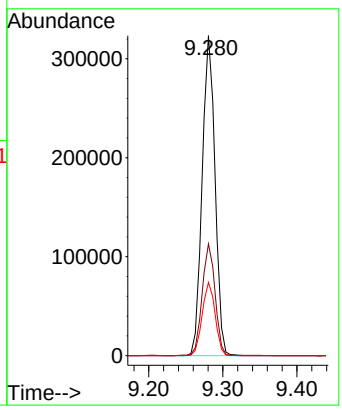


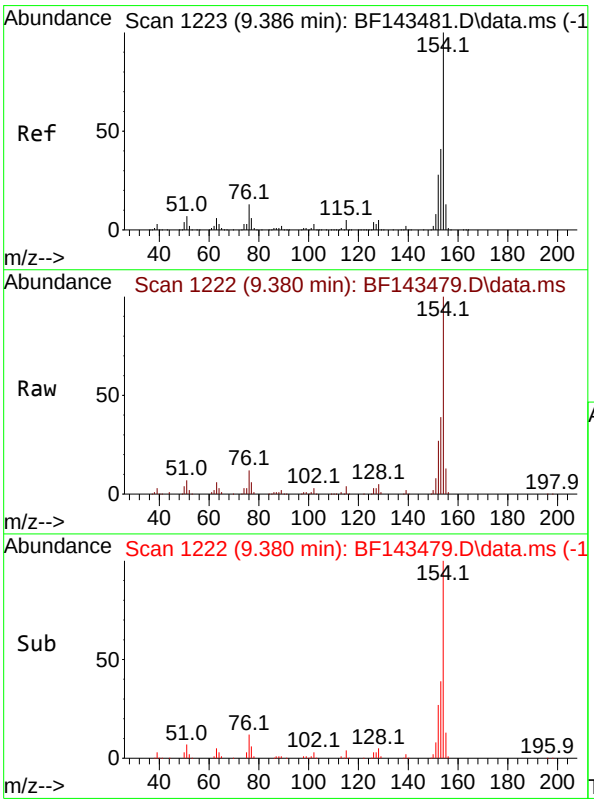
#45
2-Fluorobiphenyl
Concen: 22.085 ng
RT: 9.280 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

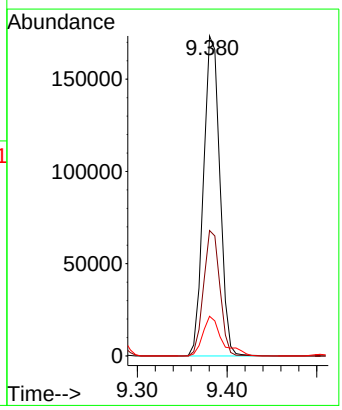


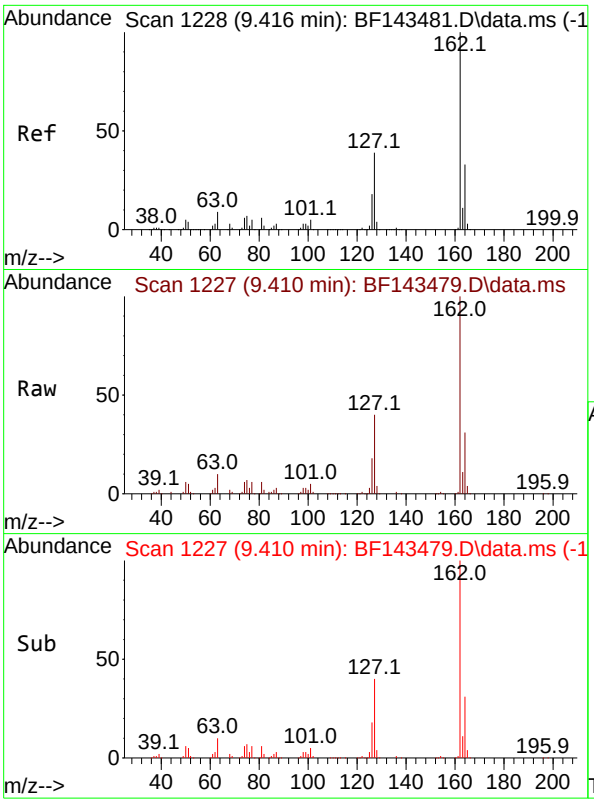


#46
1,1'-Biphenyl
Concen: 10.602 ng
RT: 9.380 min Scan# 1222
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



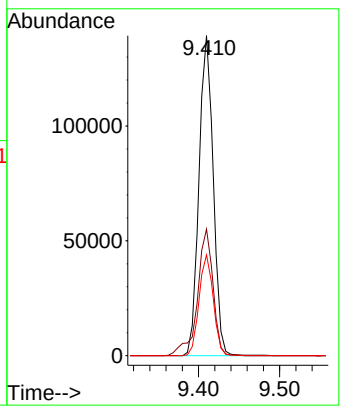


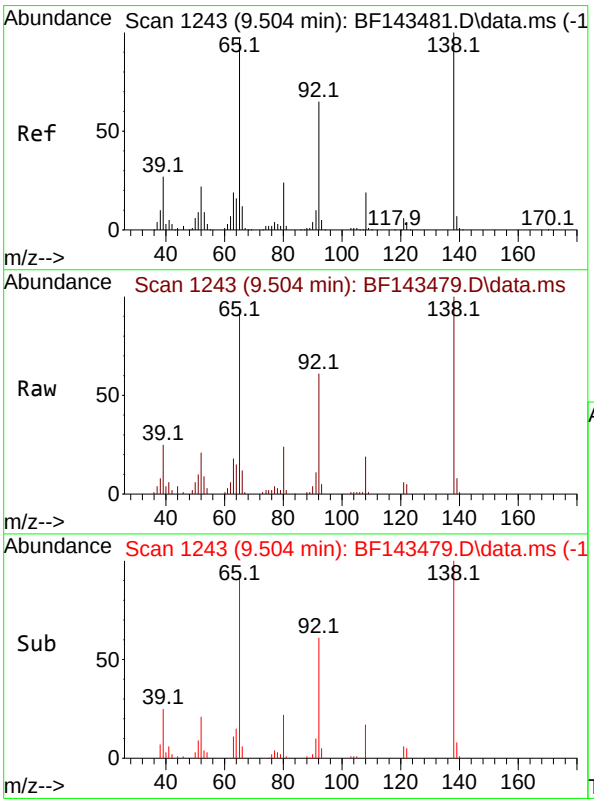
#47
2-Chloronaphthalene
Concen: 10.461 ng
RT: 9.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

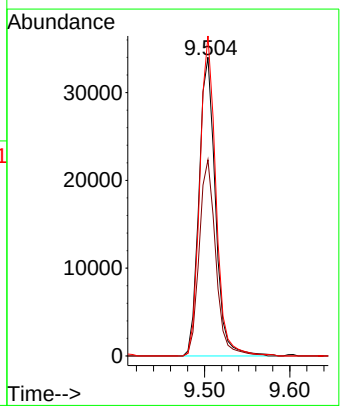


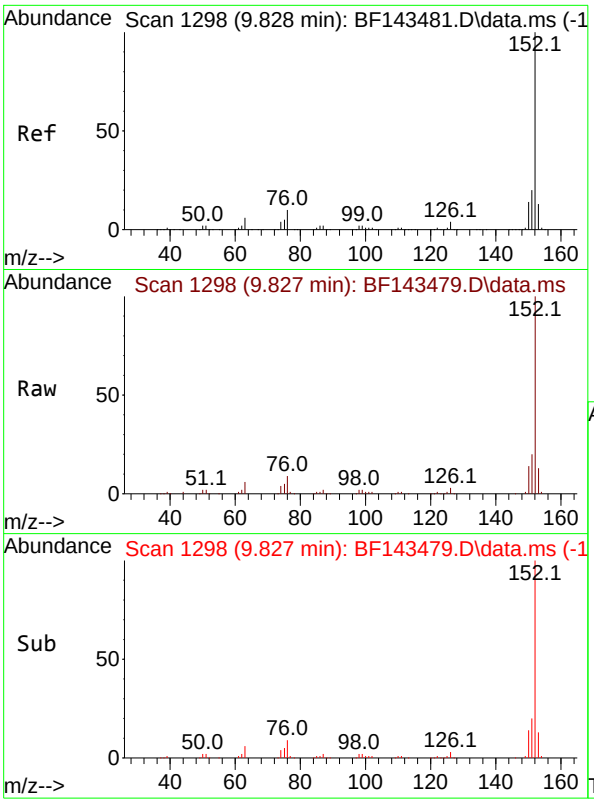


#48
2-Nitroaniline
Concen: 9.596 ng
RT: 9.504 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



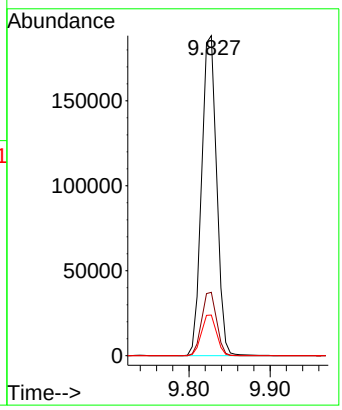


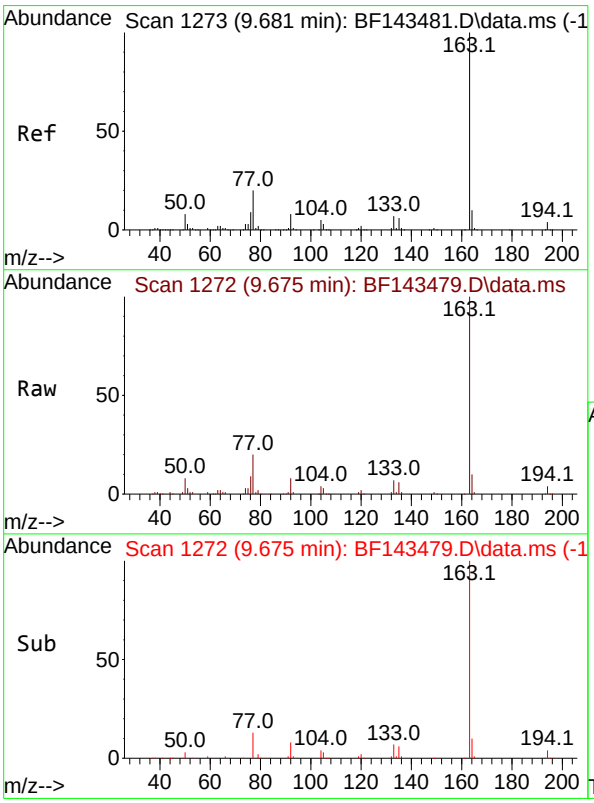
#49
Acenaphthylene
Concen: 10.429 ng
RT: 9.827 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

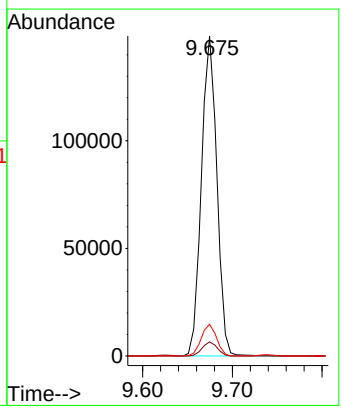


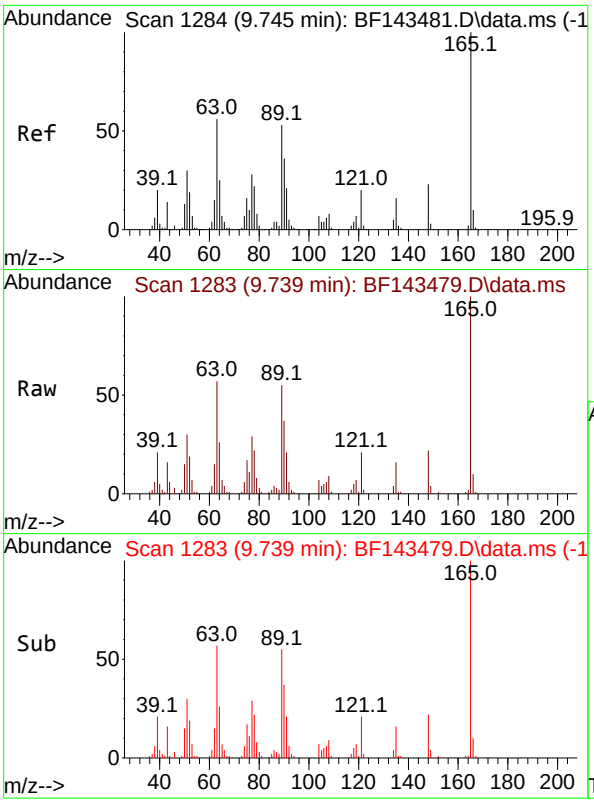


#50
Dimethylphthalate
Concen: 10.120 ng
RT: 9.675 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



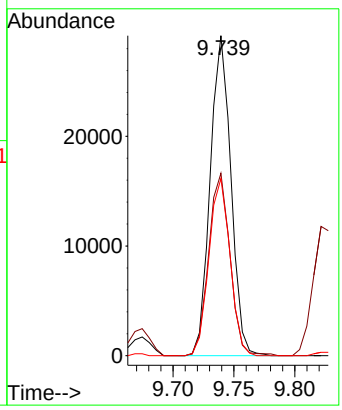


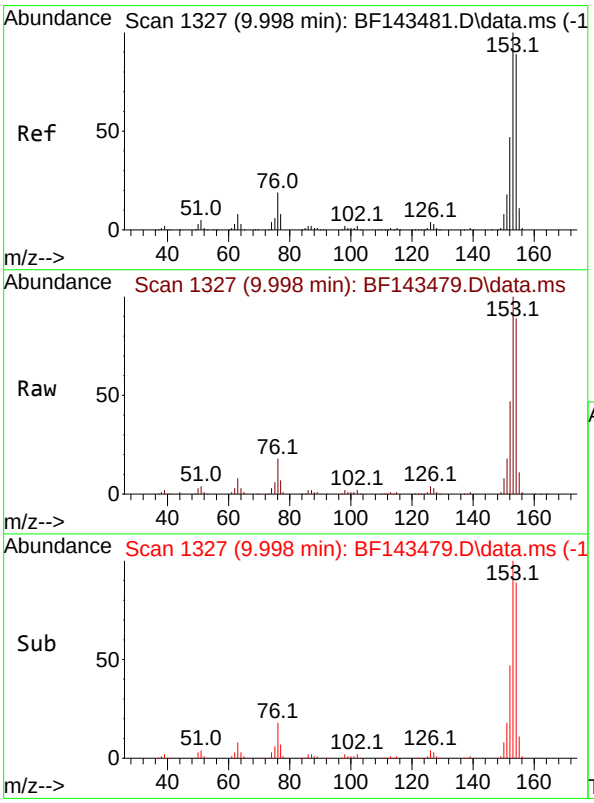
#51
2,6-Dinitrotoluene
Concen: 9.493 ng
RT: 9.739 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

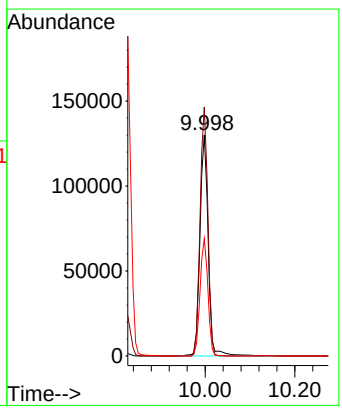


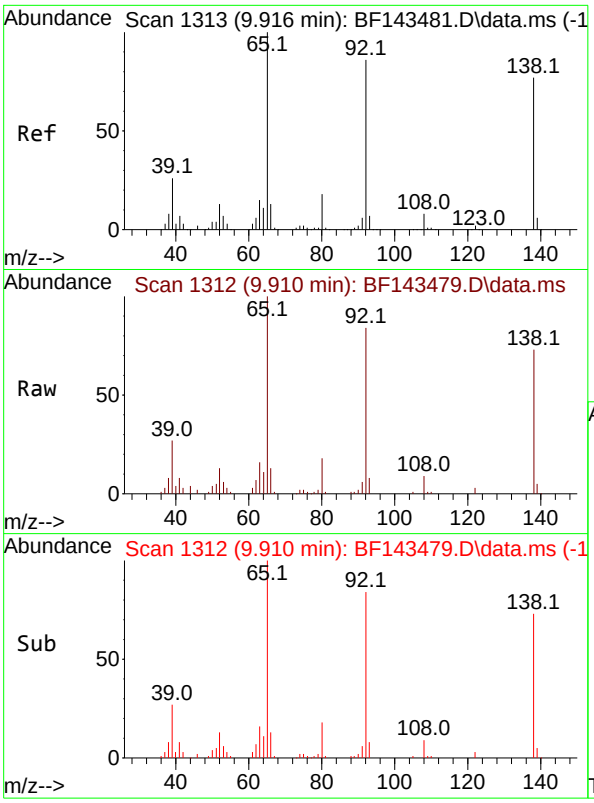


#52
Acenaphthene
Concen: 10.441 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



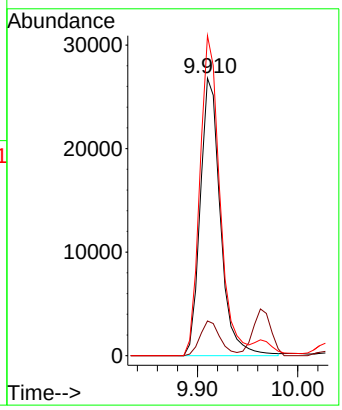


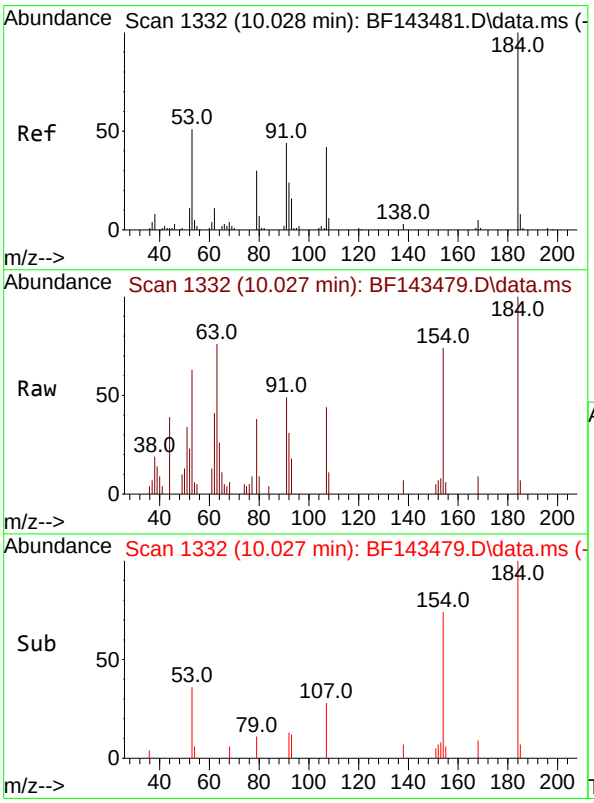
#53
3-Nitroaniline
Concen: 9.523 ng
RT: 9.910 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

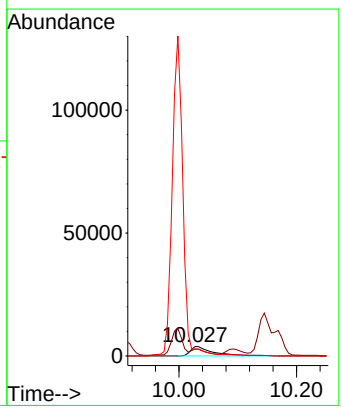


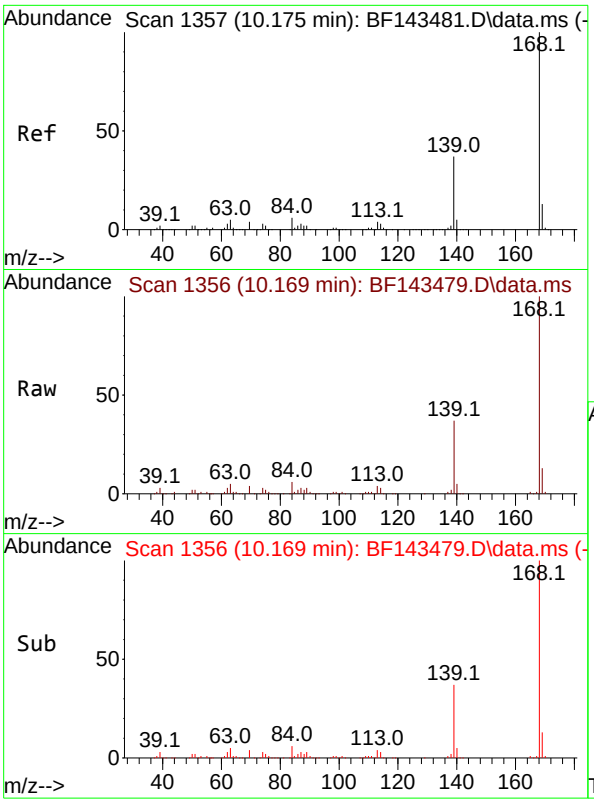


#54
2,4-Dinitrophenol
Concen: 10.295 ng
RT: 10.027 min Scan# 1332
Delta R.T. -0.001 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



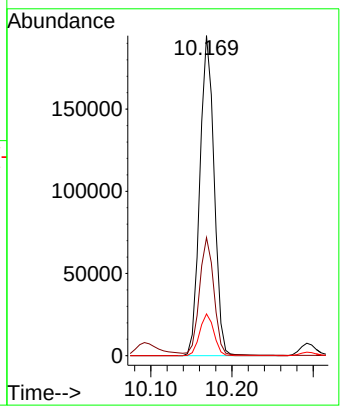


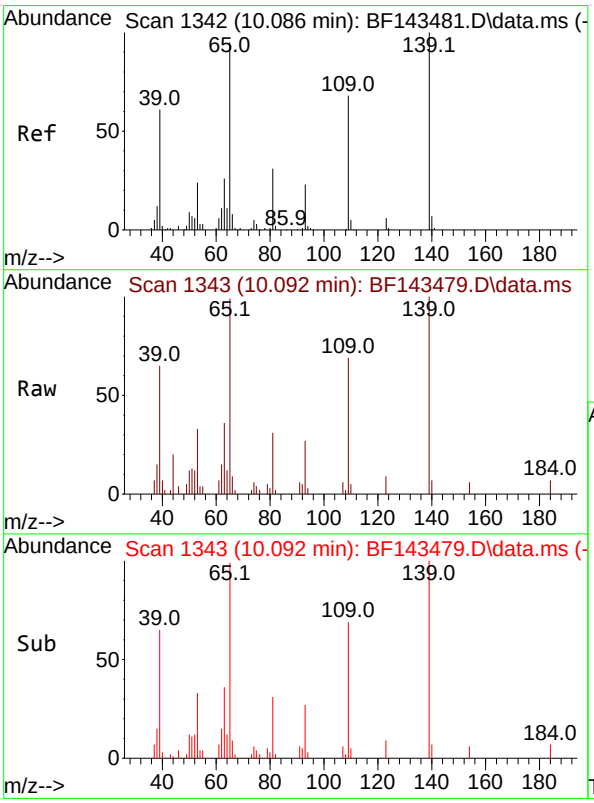
#55
Dibenzofuran
Concen: 10.528 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

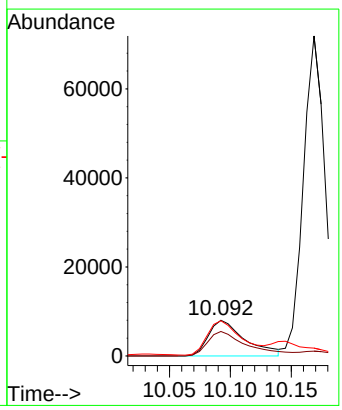


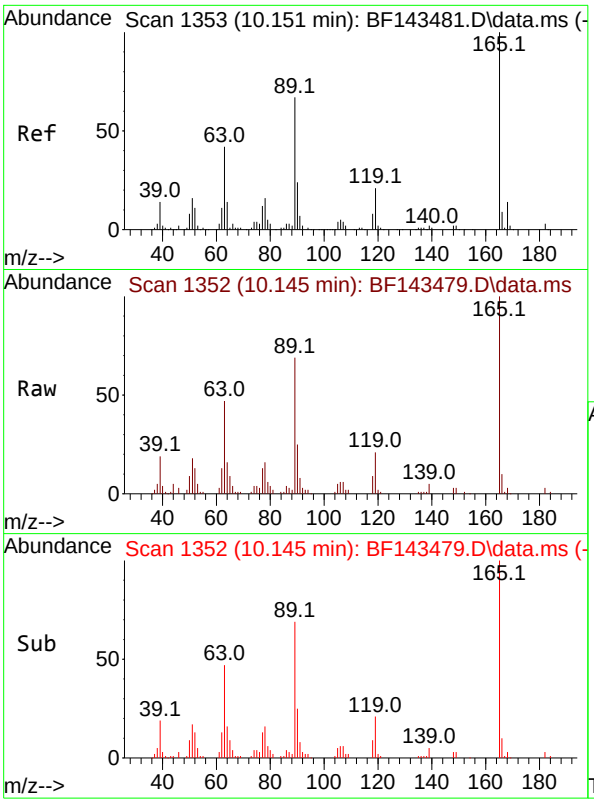


#56
4-Nitrophenol
Concen: 7.146 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



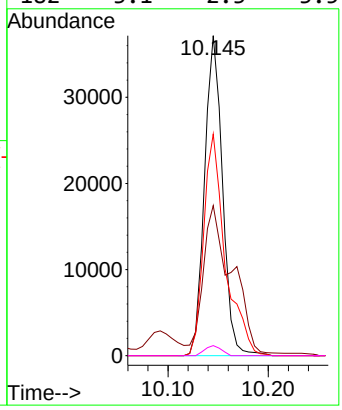


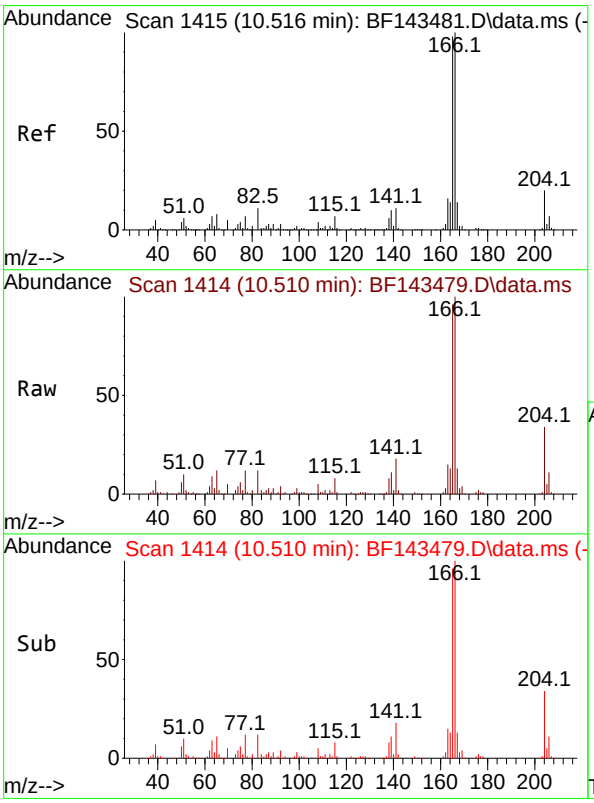
#57
2,4-Dinitrotoluene
Concen: 9.534 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

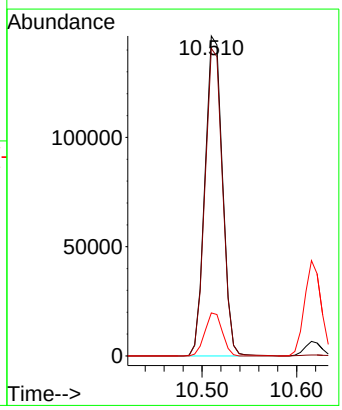


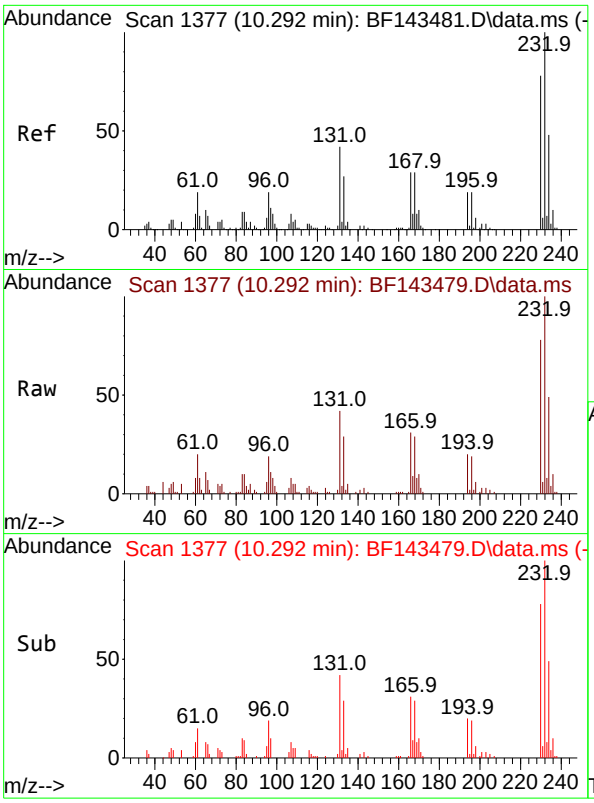


#58
Fluorene
Concen: 10.820 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



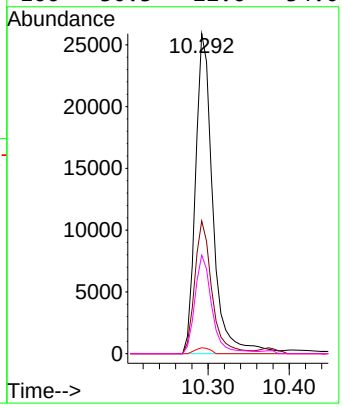


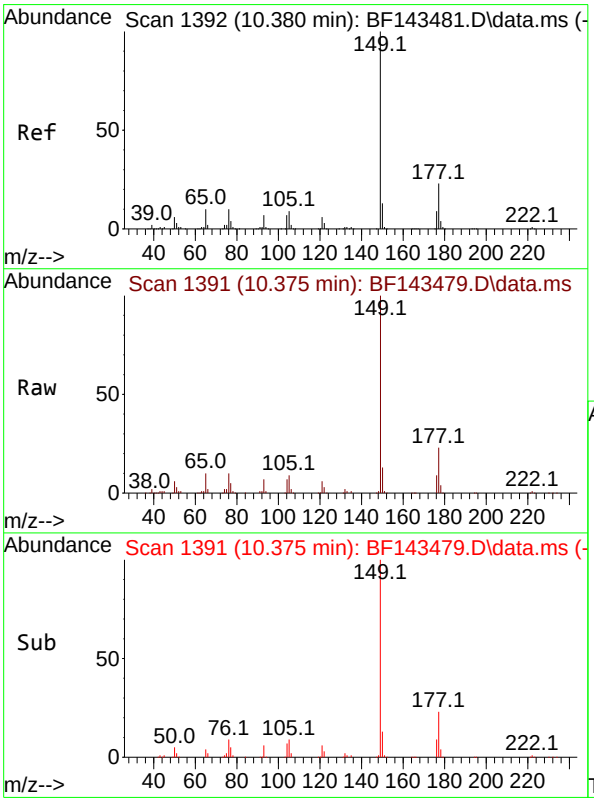
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.253 ng
RT: 10.292 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

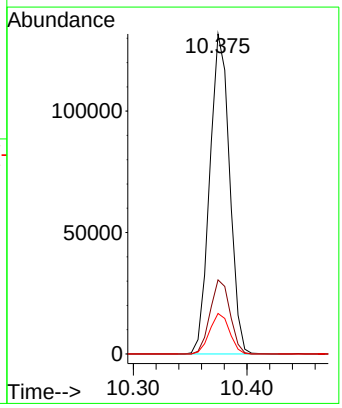


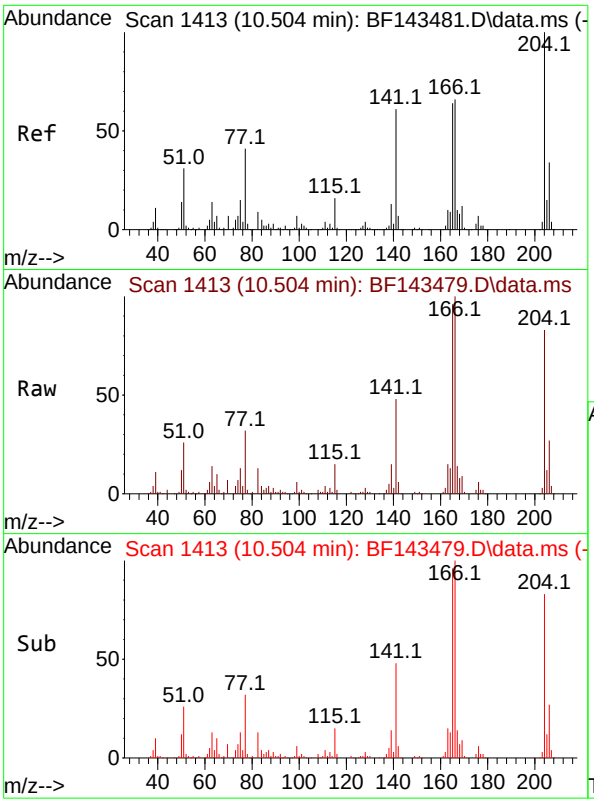


#60
Diethylphthalate
Concen: 10.156 ng
RT: 10.375 min Scan# 1391
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



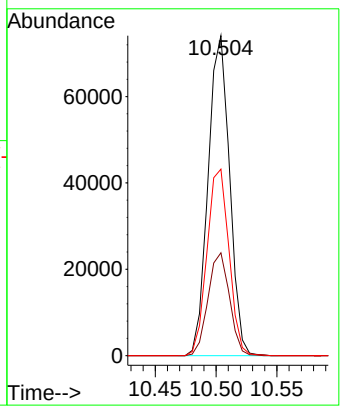


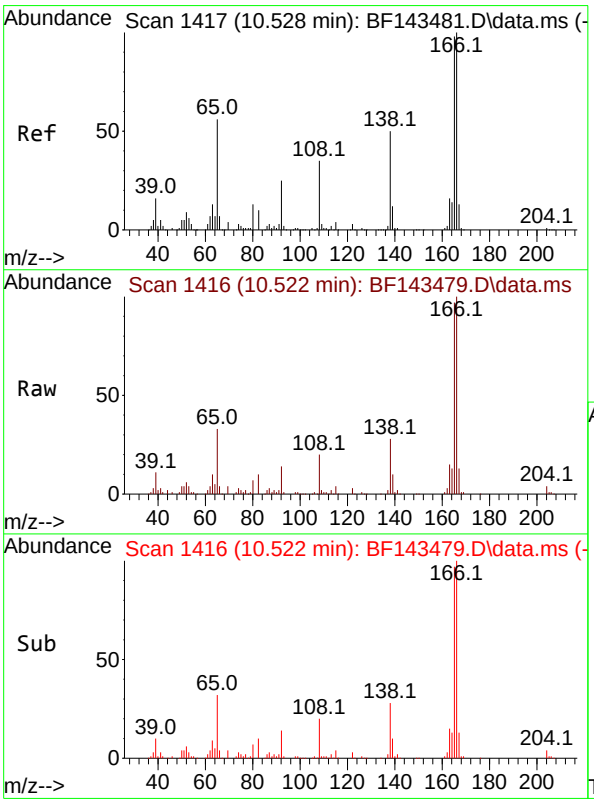
#61
4-Chlorophenyl-phenylether
Concen: 10.494 ng
RT: 10.504 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

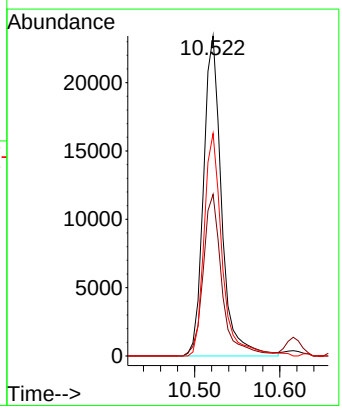


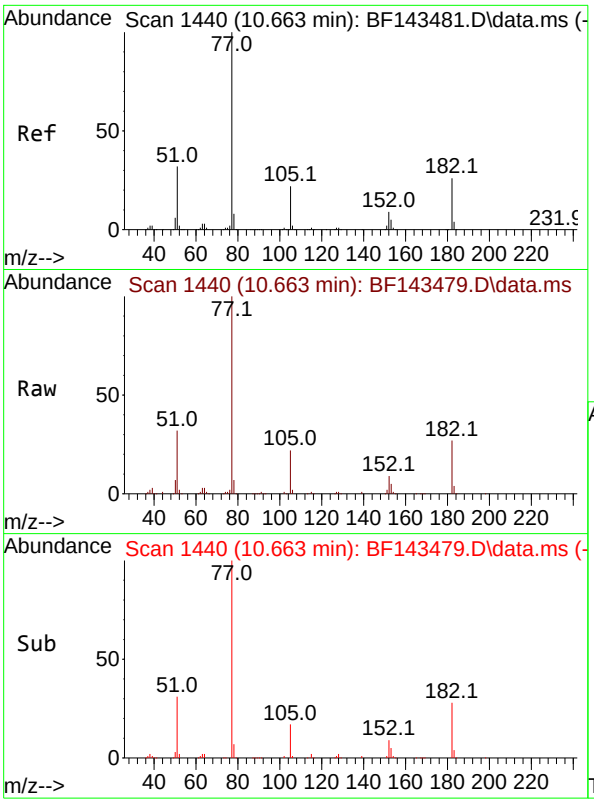


#62
4-Nitroaniline
Concen: 9.550 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.018 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



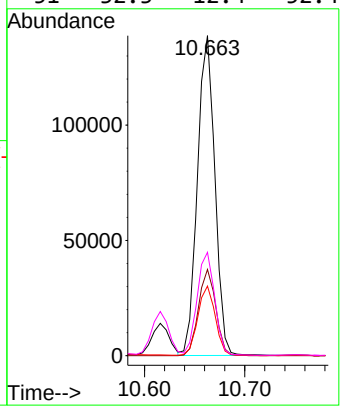


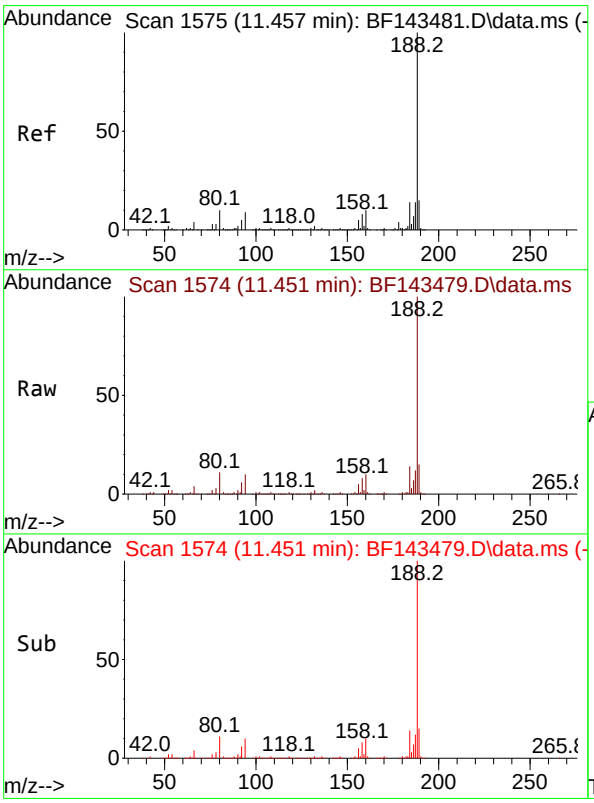
#63
Azobenzene
Concen: 10.307 ng
RT: 10.663 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

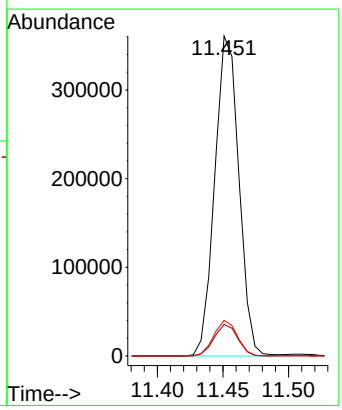


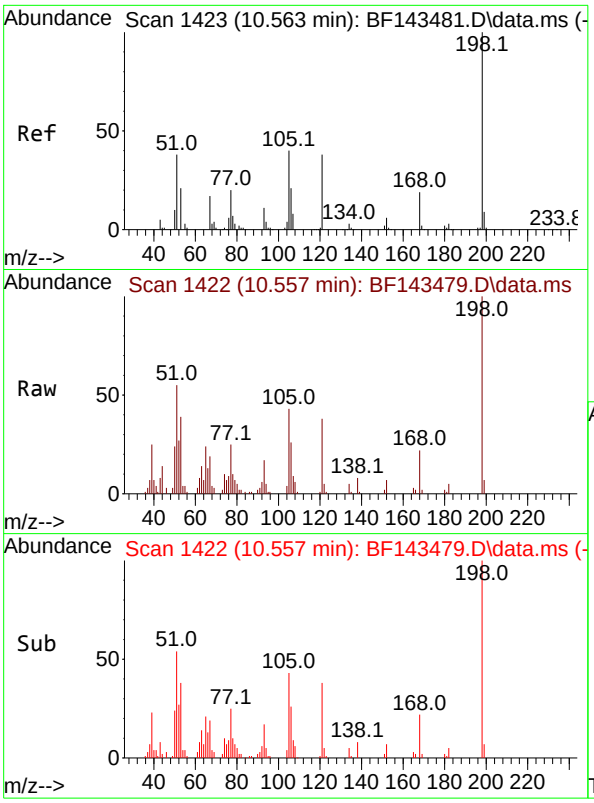


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



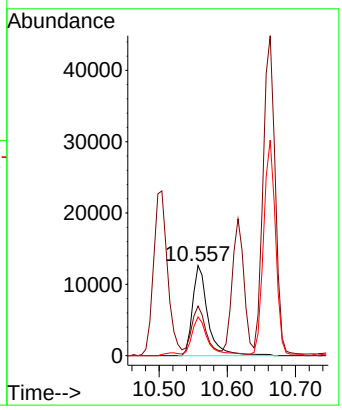


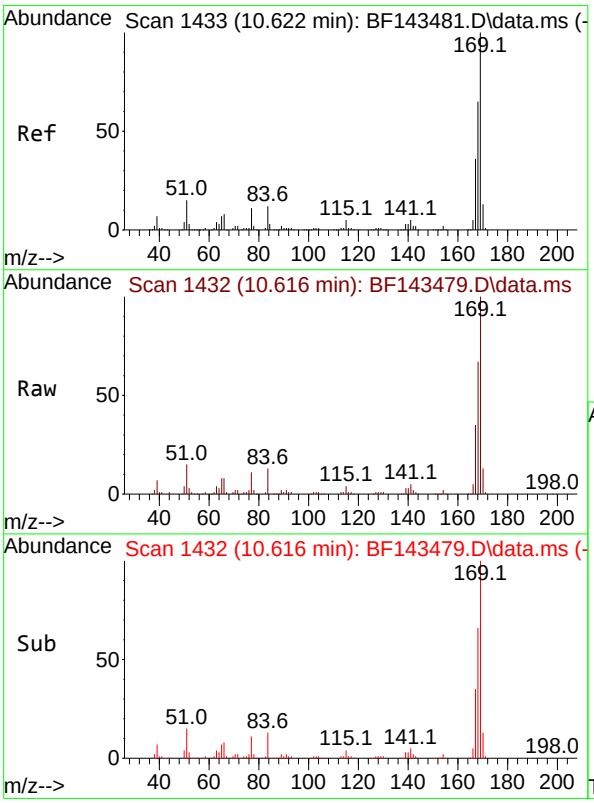
#65
4,6-Dinitro-2-methylphenol
Concen: 7.552 ng
RT: 10.557 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

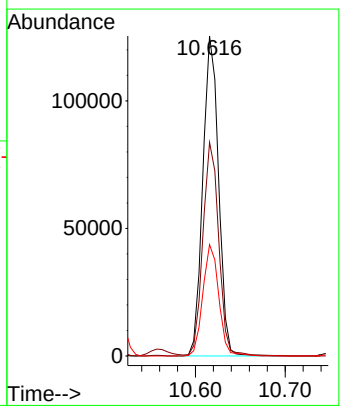


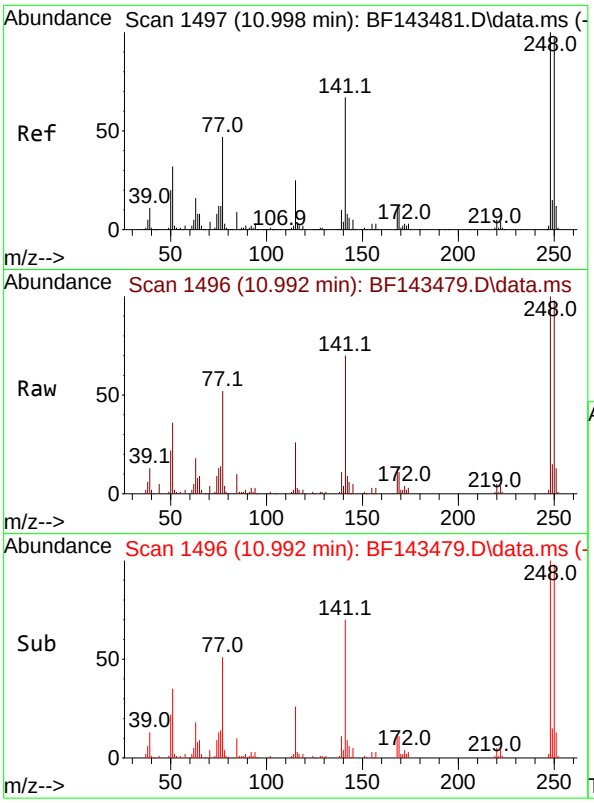


#66
n-Nitrosodiphenylamine
Concen: 10.271 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



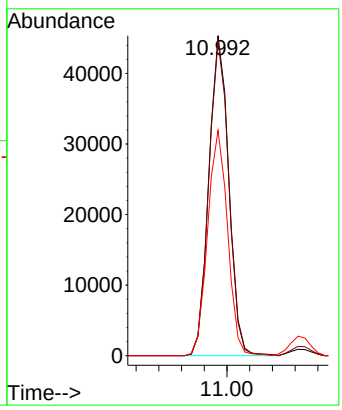


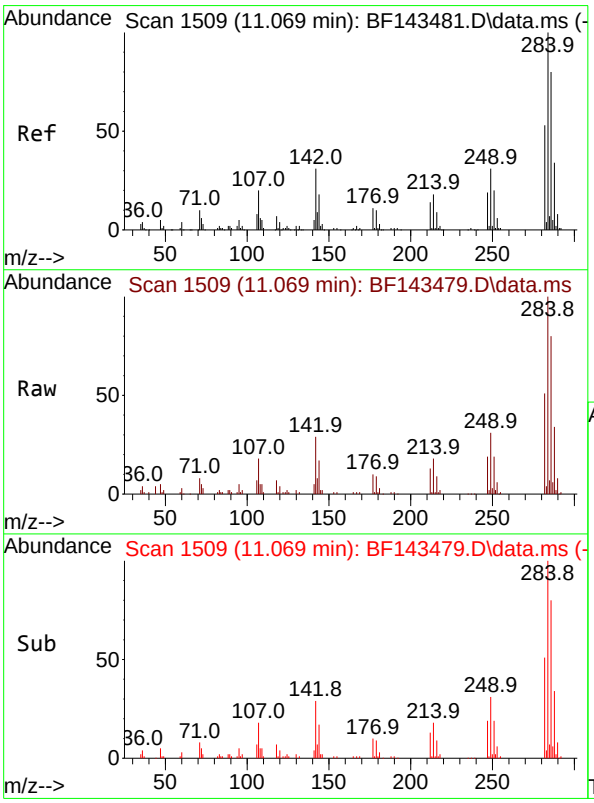
#67
4-Bromophenyl-phenylether
Concen: 10.043 ng
RT: 10.992 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

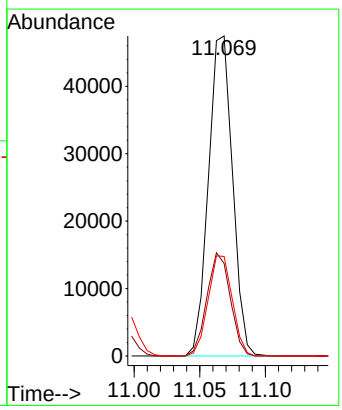


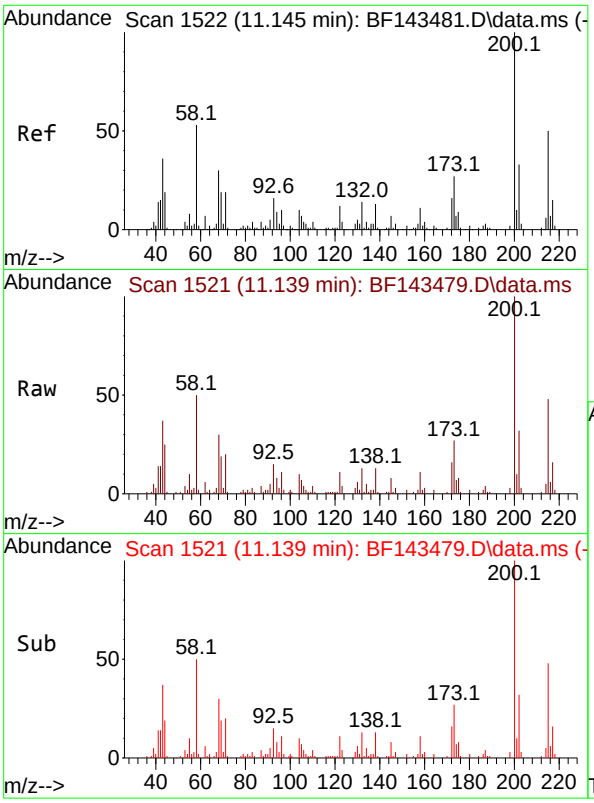


#68
Hexachlorobenzene
Concen: 10.202 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



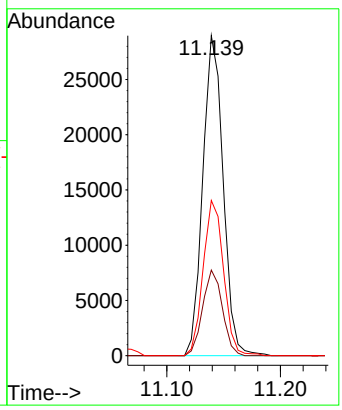


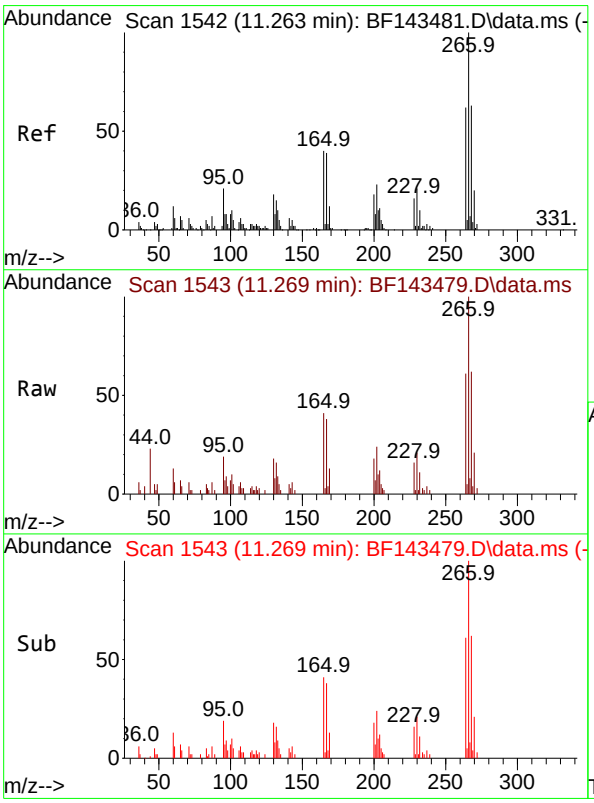
#69
Atrazine
Concen: 9.406 ng
RT: 11.139 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

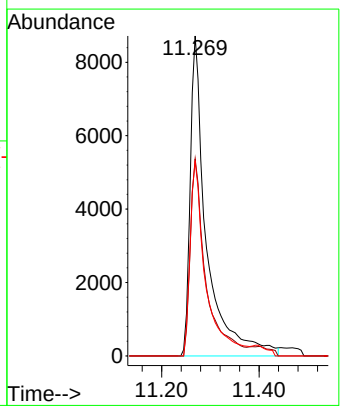


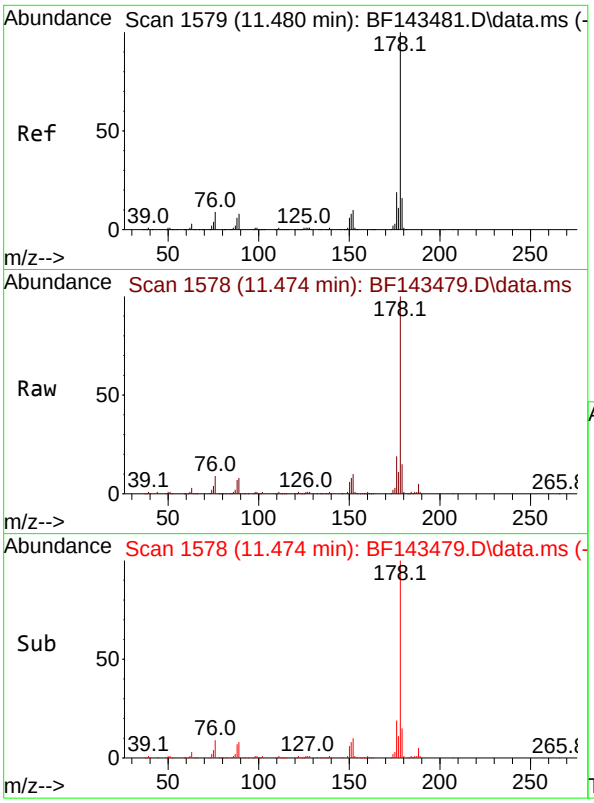


#70
Pentachlorophenol
Concen: 7.492 ng
RT: 11.269 min Scan# 1543
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



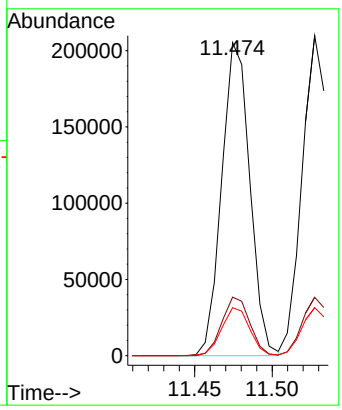


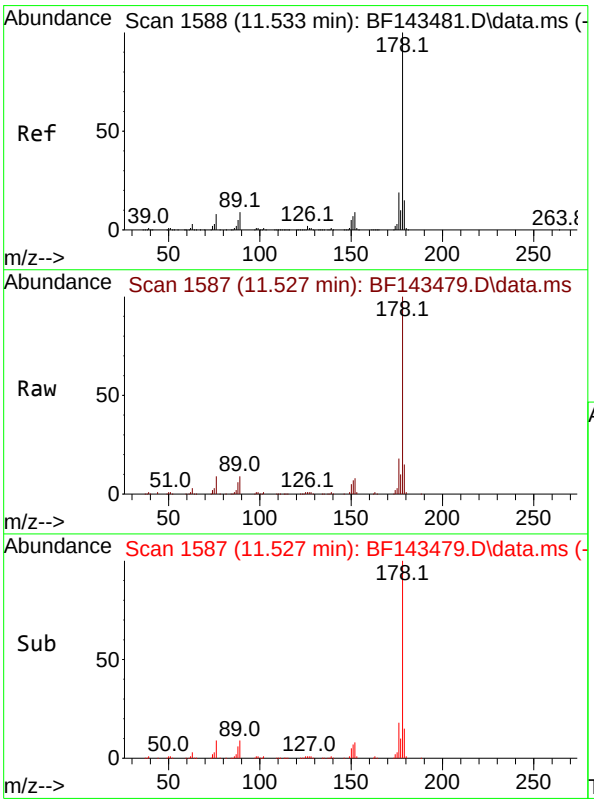
#71
Phenanthrene
Concen: 10.486 ng
RT: 11.474 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

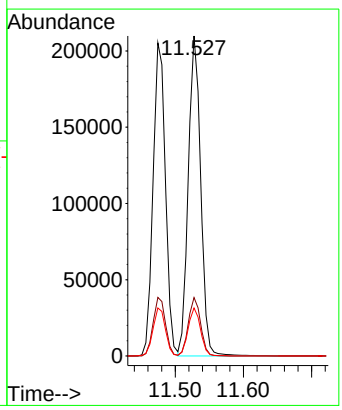


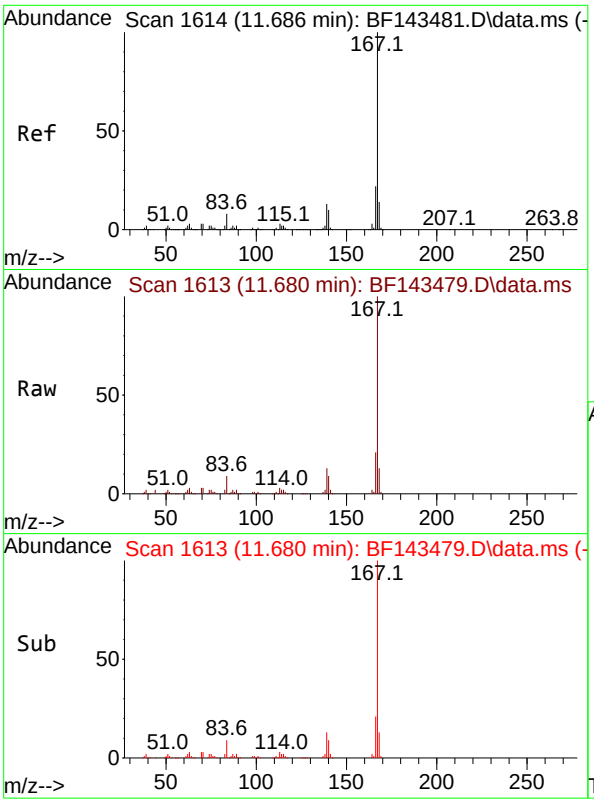


#72
Anthracene
Concen: 10.541 ng
RT: 11.527 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



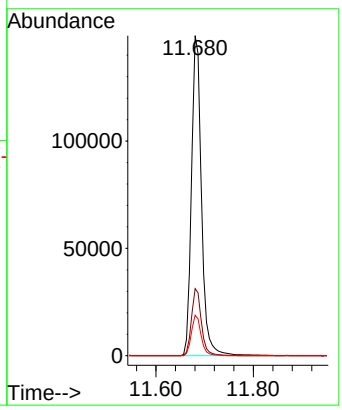


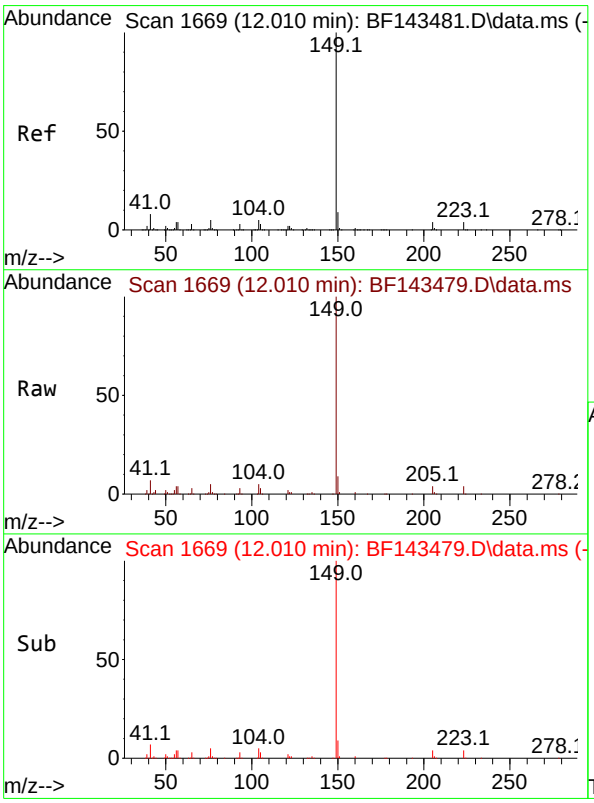
#73
Carbazole
Concen: 10.400 ng
RT: 11.680 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

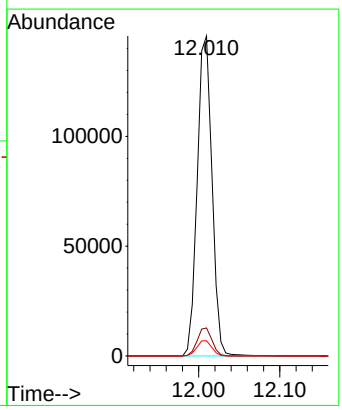


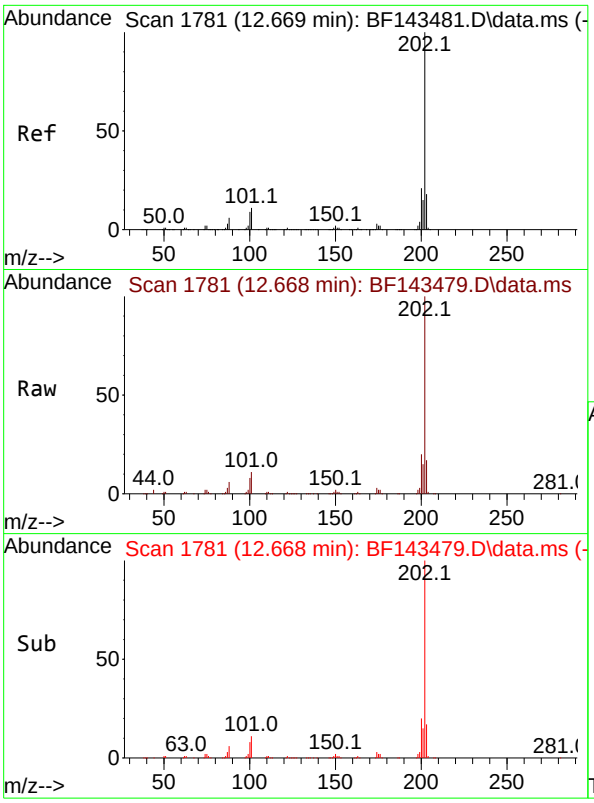


#74
Di-n-butylphthalate
Concen: 9.642 ng
RT: 12.010 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



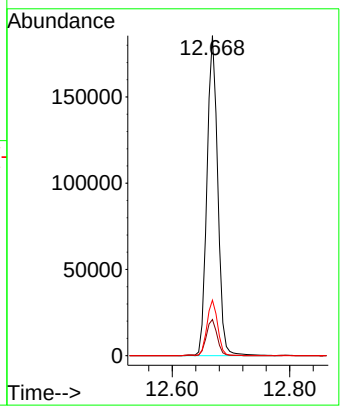


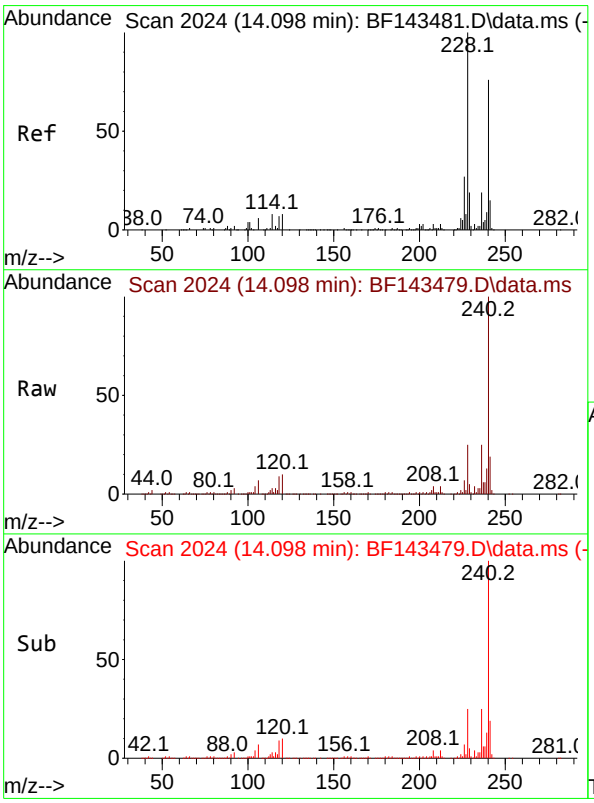
#75
Fluoranthene
Concen: 10.618 ng
RT: 12.668 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

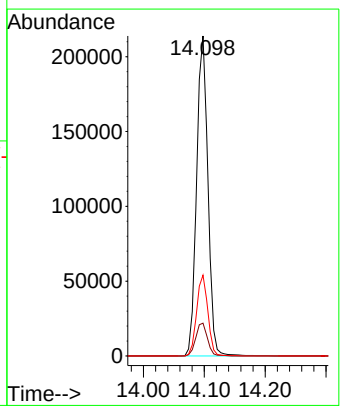


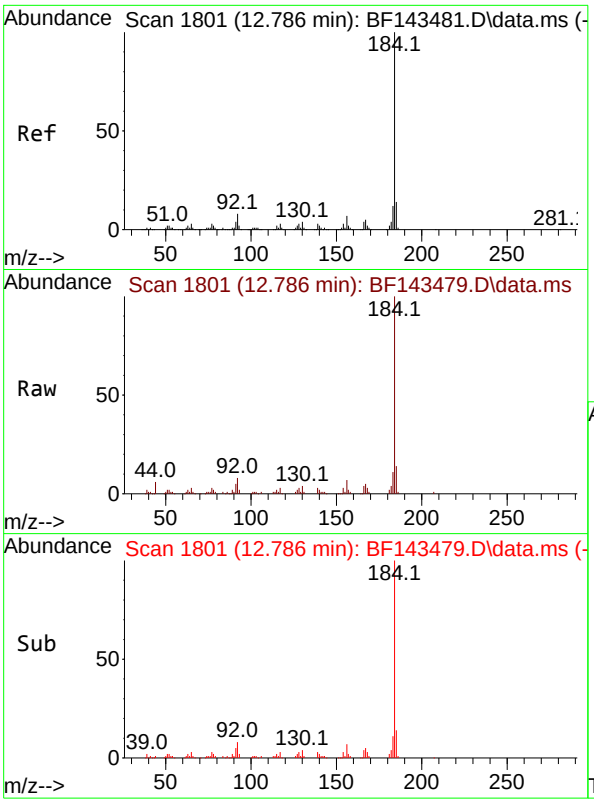


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



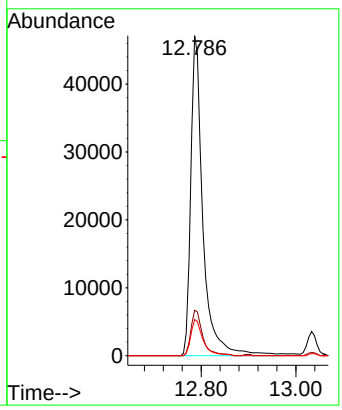


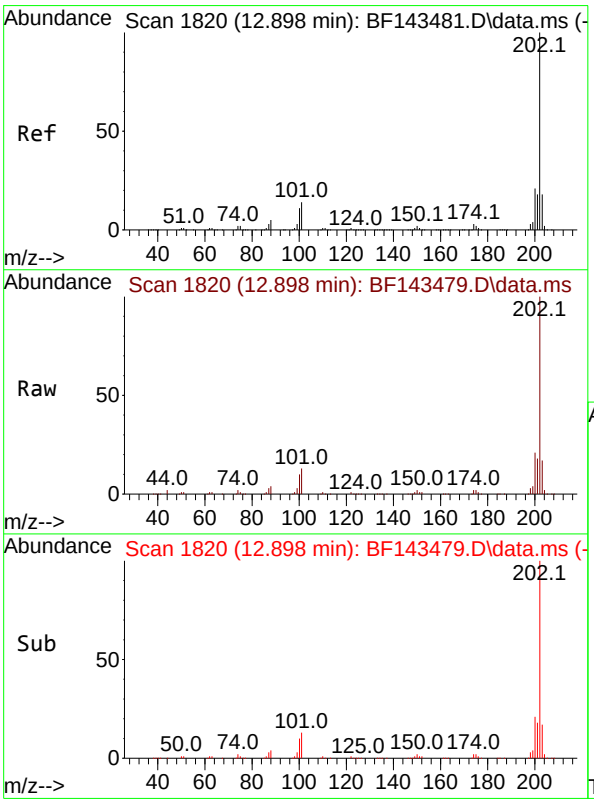
#77
Benzidine
Concen: 12.549 ng
RT: 12.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

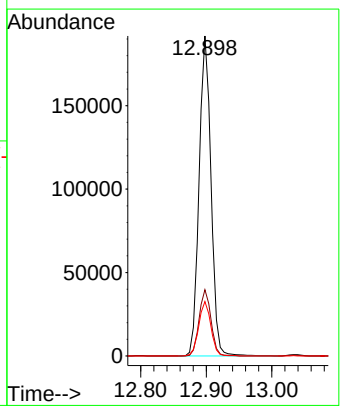


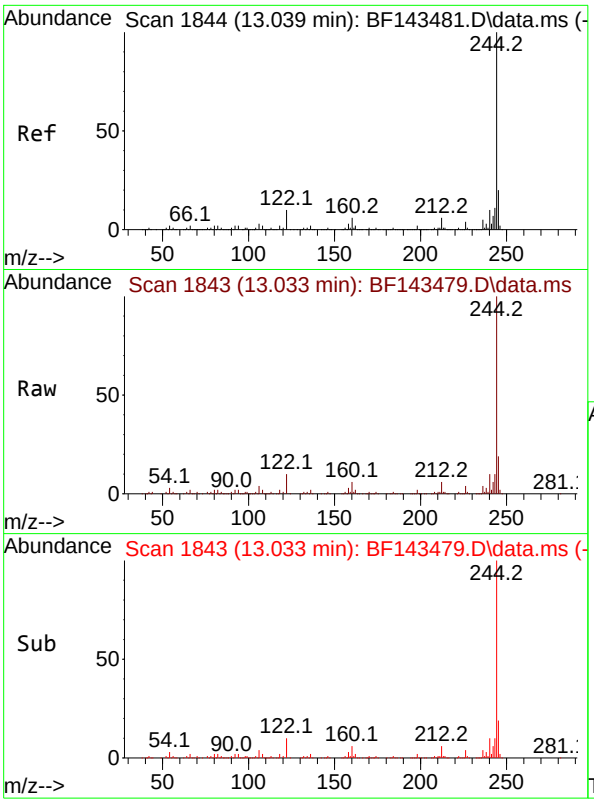


#78
Pyrene
Concen: 10.747 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



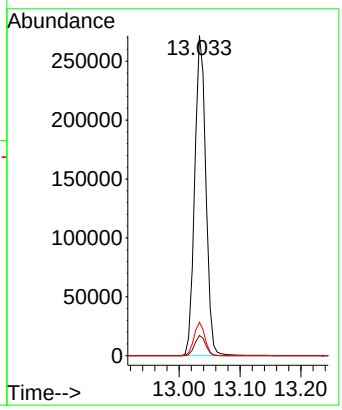


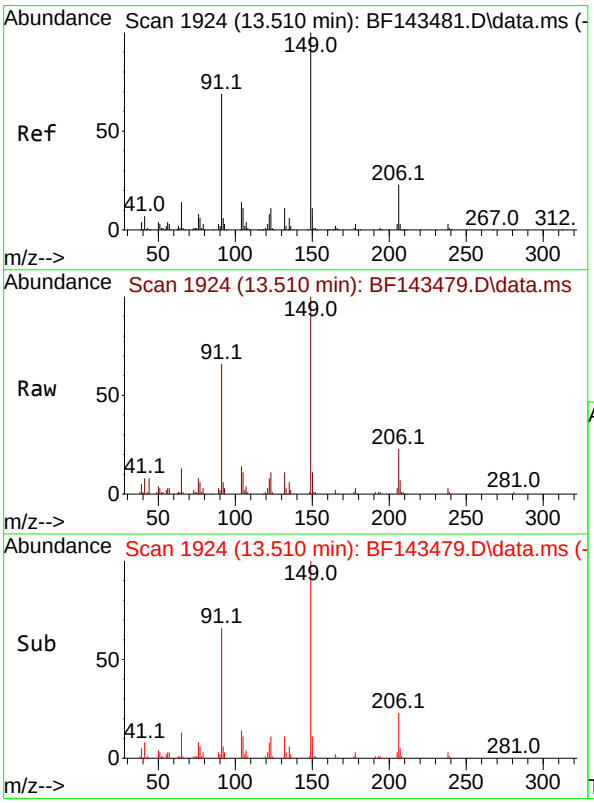
#79
Terphenyl-d14
Concen: 21.893 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

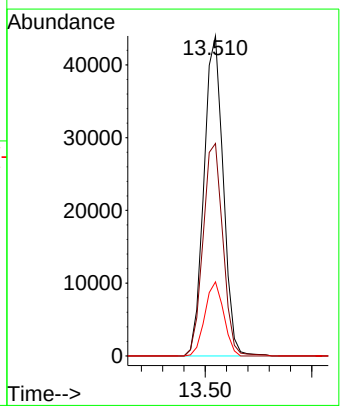


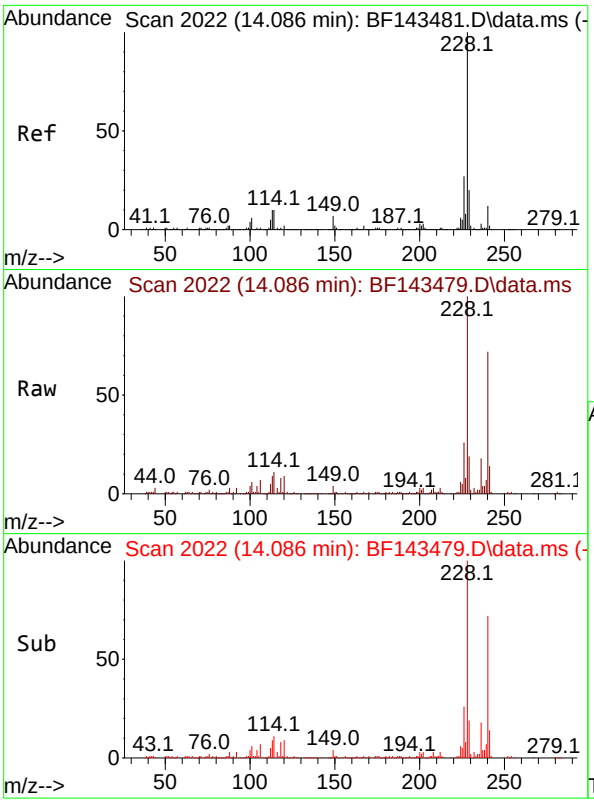


#80
Butylbenzylphthalate
Concen: 8.939 ng
RT: 13.510 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



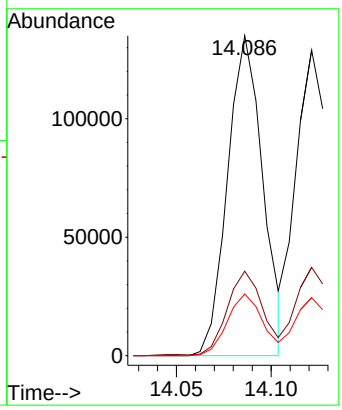


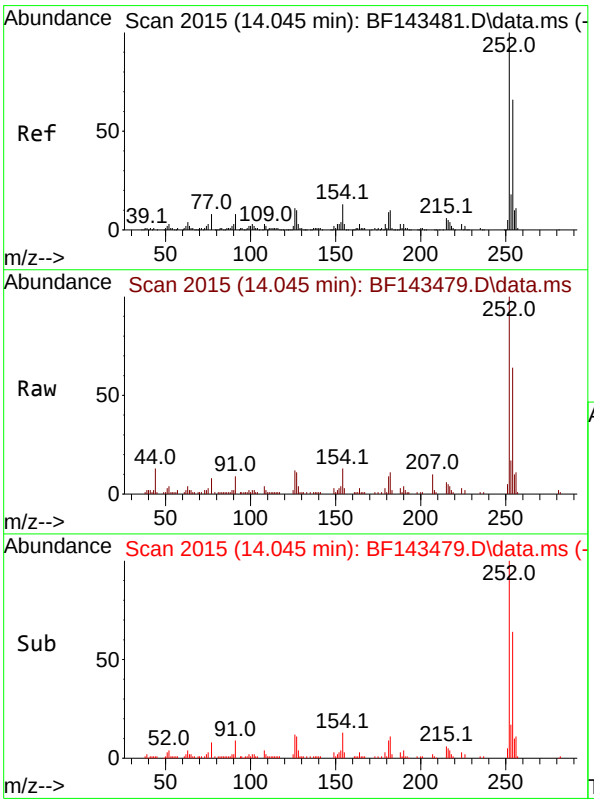
#81
Benzo(a)anthracene
Concen: 9.898 ng
RT: 14.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

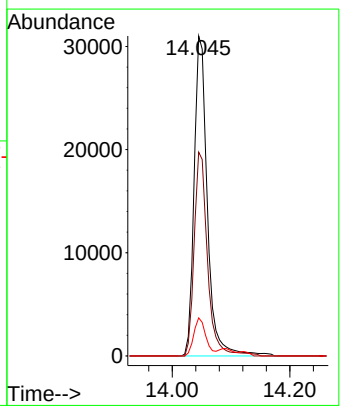


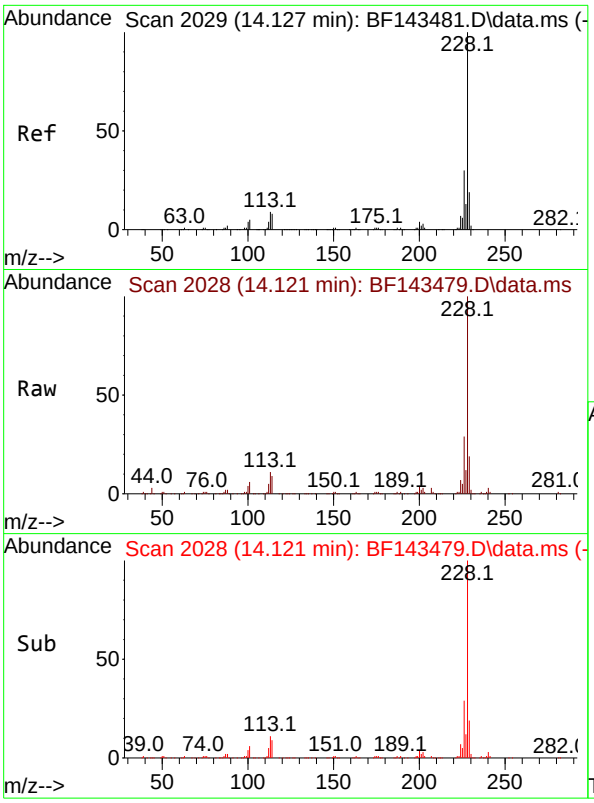


#82
3,3'-Dichlorobenzidine
Concen: 9.566 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



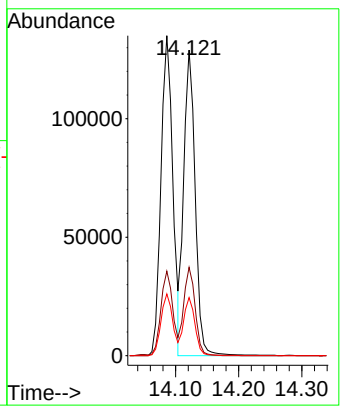


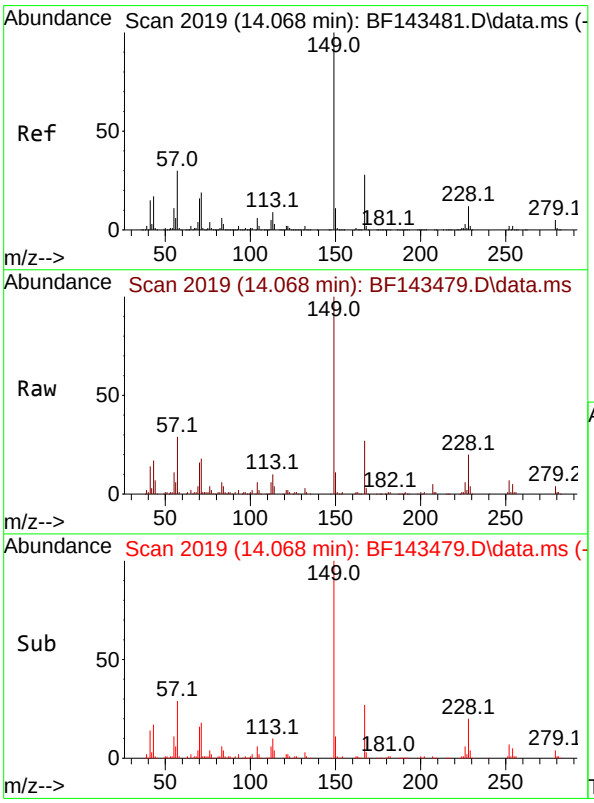
#83
Chrysene
Concen: 10.323 ng
RT: 14.121 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

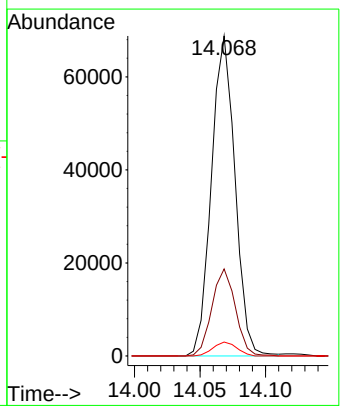


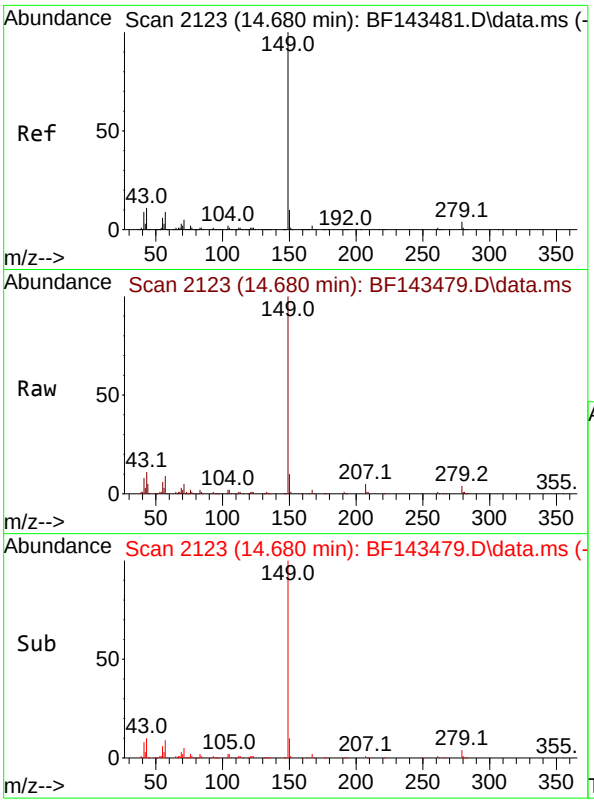


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.146 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



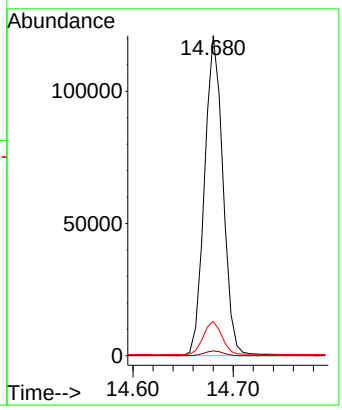


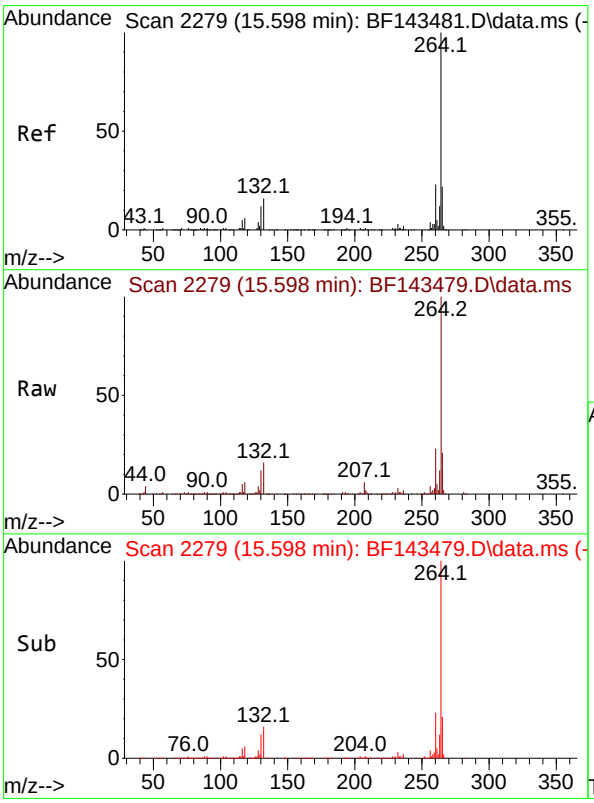
#85
Di-n-octyl phthalate
Concen: 8.906 ng
RT: 14.680 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

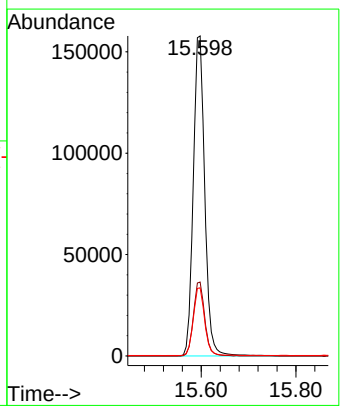


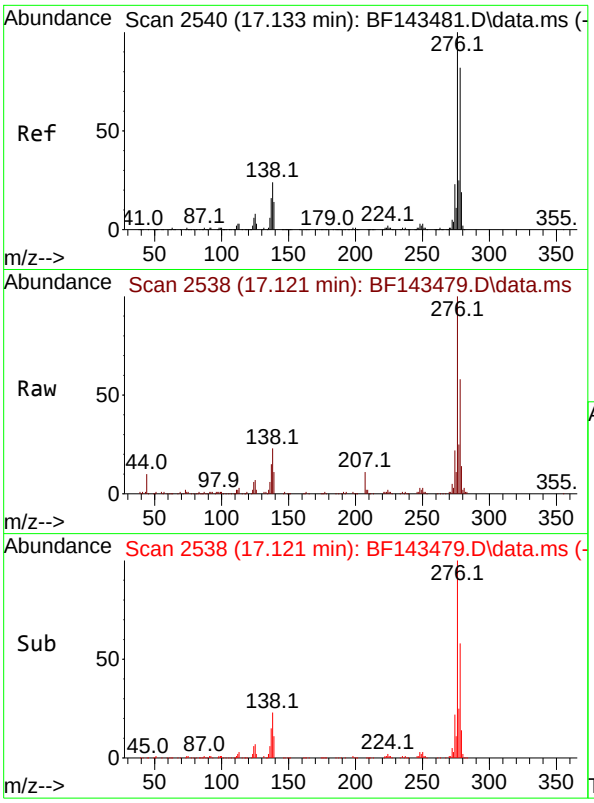


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



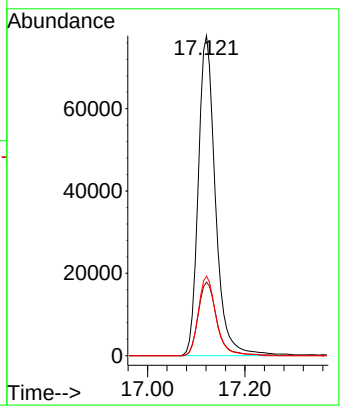


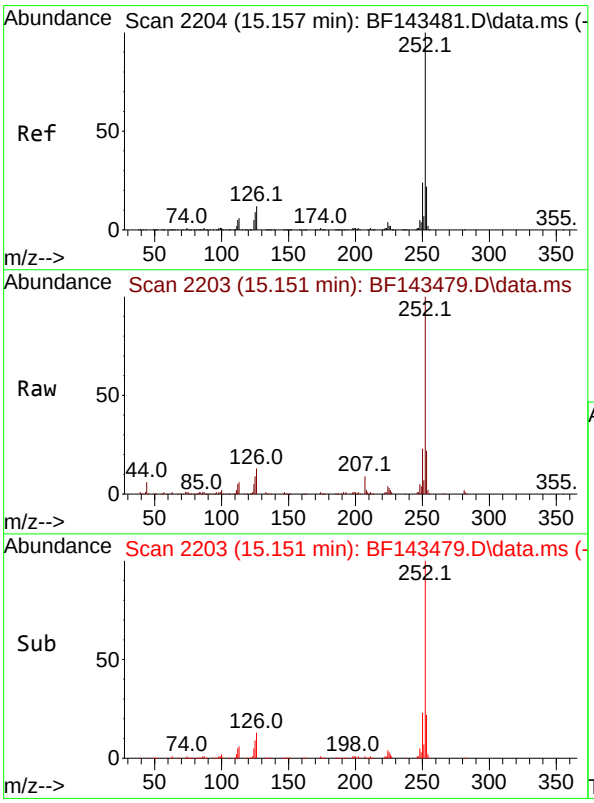
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.970 ng
RT: 17.121 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

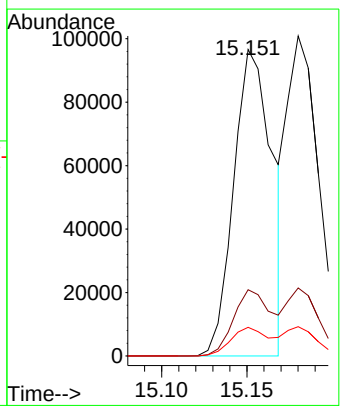


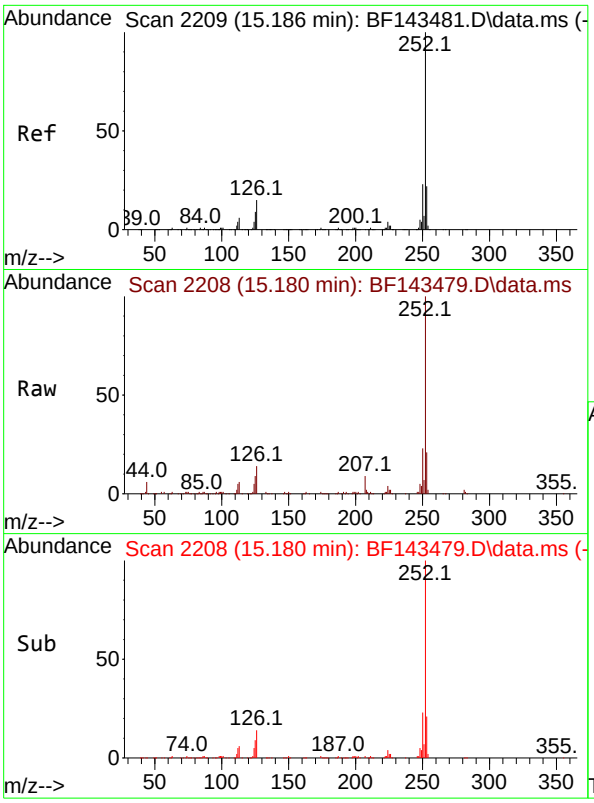


#88
Benzo(b)fluoranthene
Concen: 10.314 ng
RT: 15.151 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



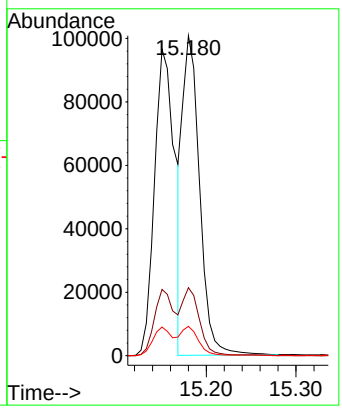


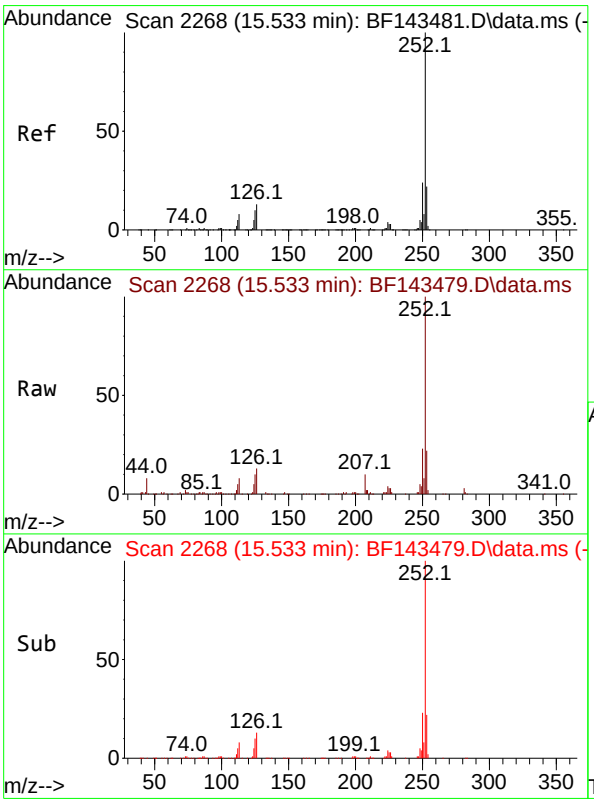
#89
Benzo(k)fluoranthene
Concen: 9.524 ng
RT: 15.180 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

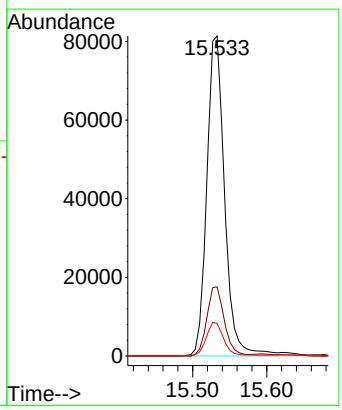


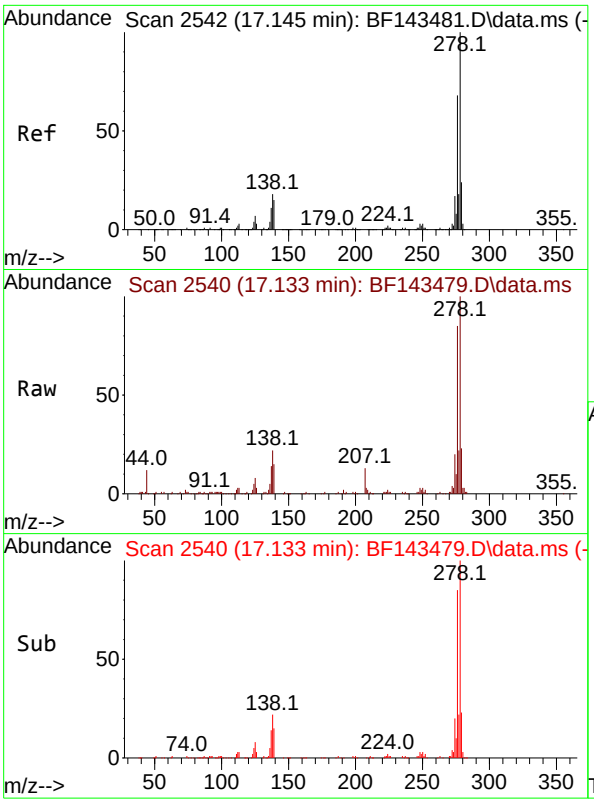


#90
Benzo(a)pyrene
Concen: 9.898 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



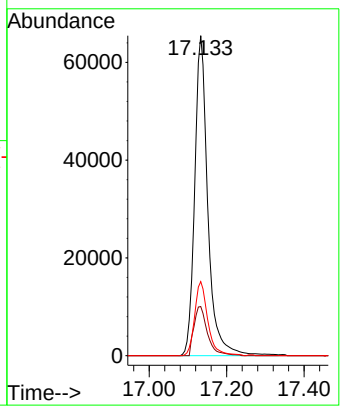


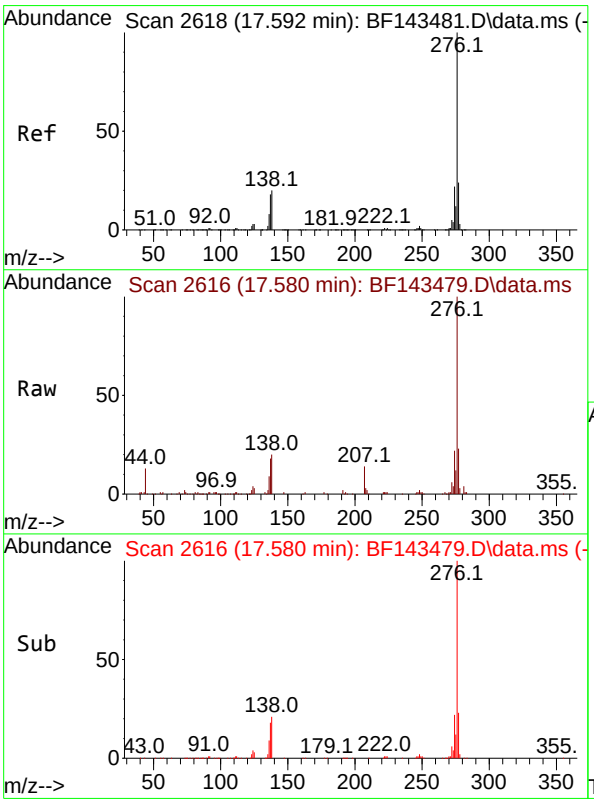
#91
Dibenzo(a,h)anthracene
Concen: 10.113 ng
RT: 17.133 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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

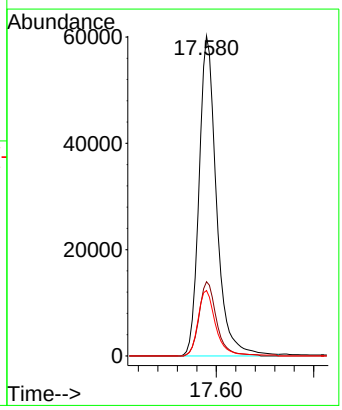




#92
Benzo(g,h,i)perylene
Concen: 9.865 ng
RT: 17.580 min Scan# 2616
Delta R.T. -0.024 min
Lab File: BF143479.D
Acq: 20 Aug 2025 11:54

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



Quantitation Report (QT Reviewed)

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

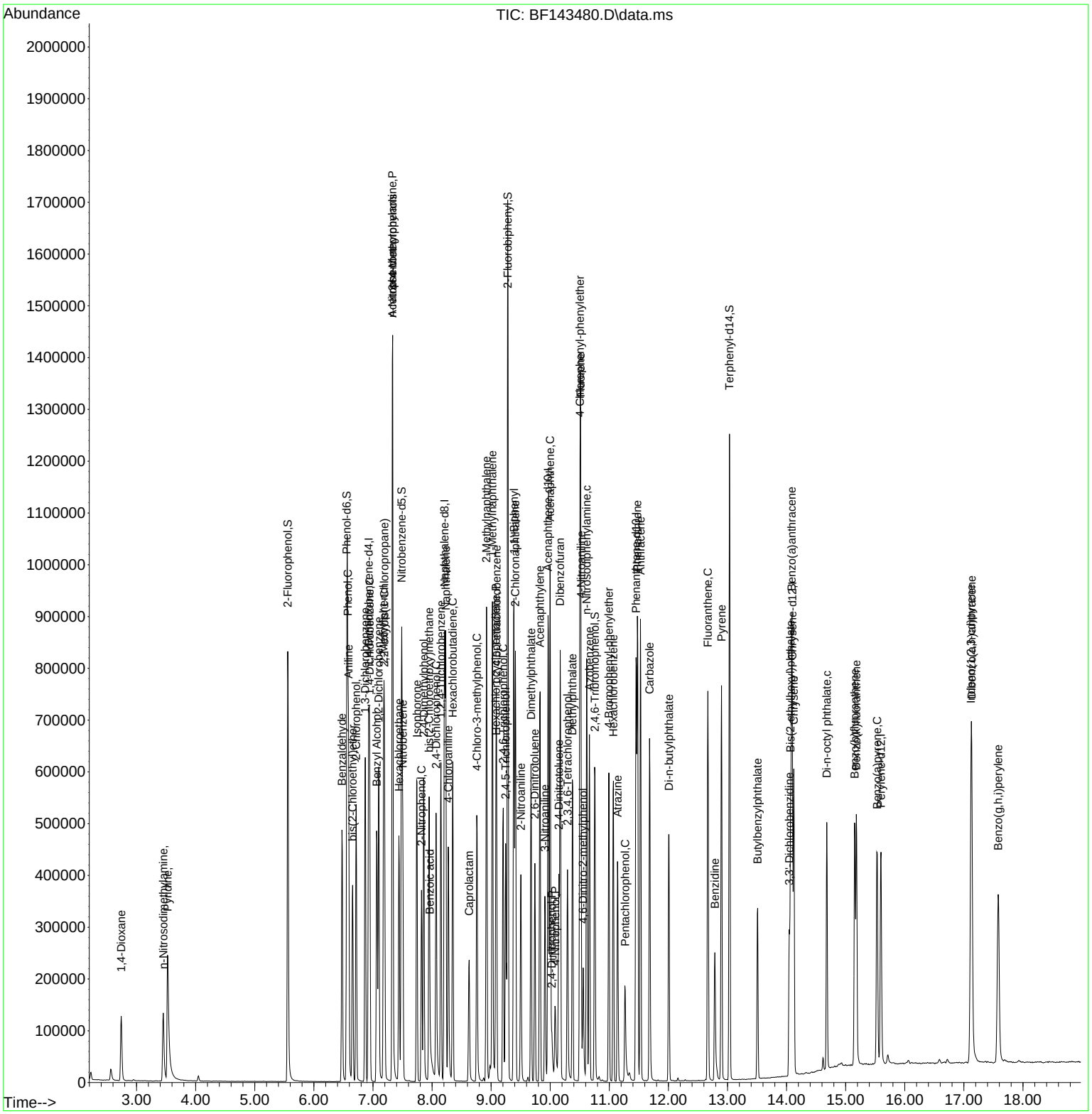
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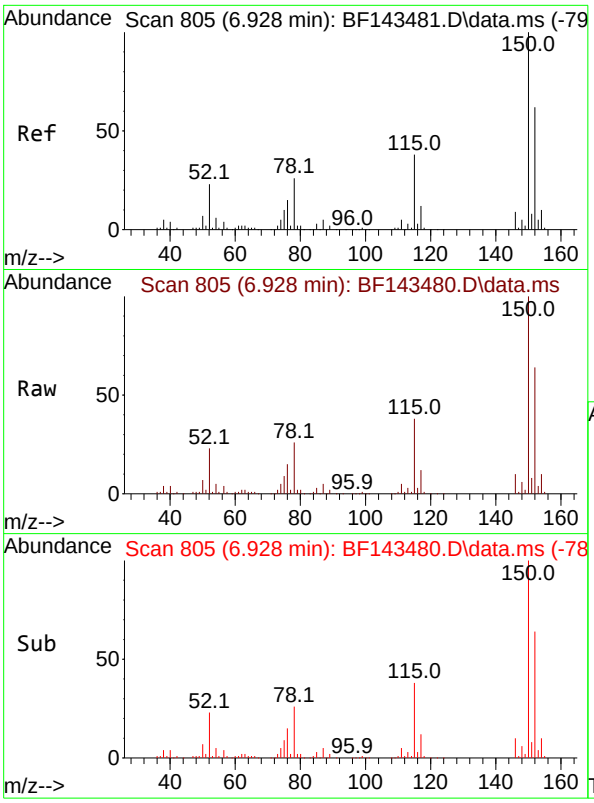
ICAL Form

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



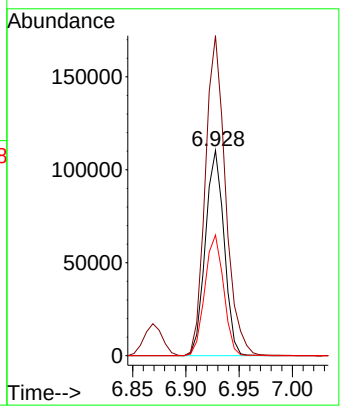


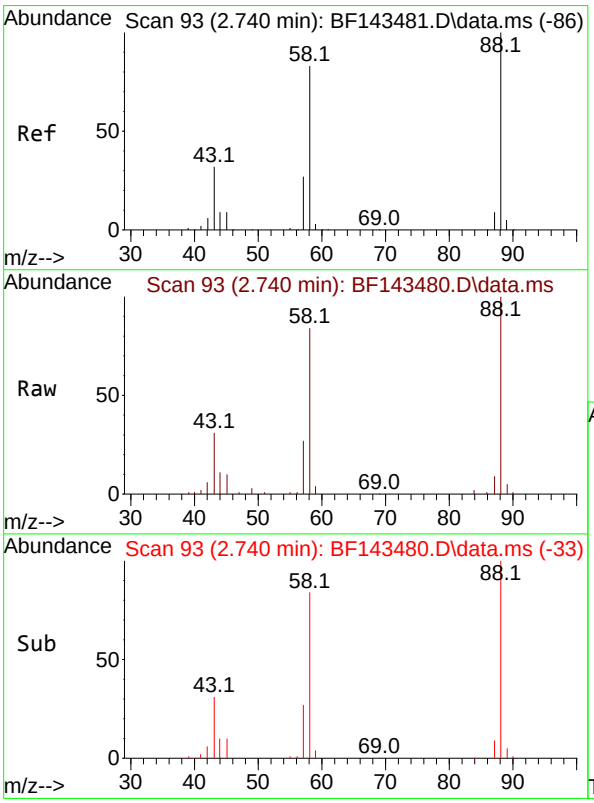
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

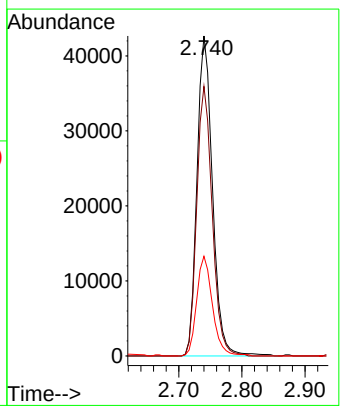


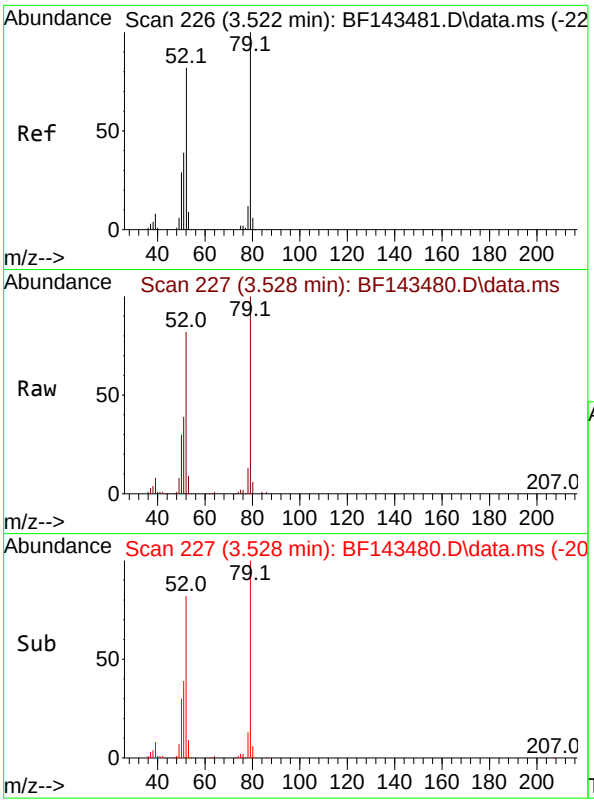


#2
1,4-Dioxane
Concen: 20.317 ng
RT: 2.740 min Scan# 93
Delta R.T. 0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



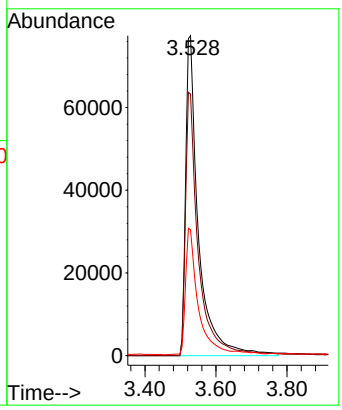


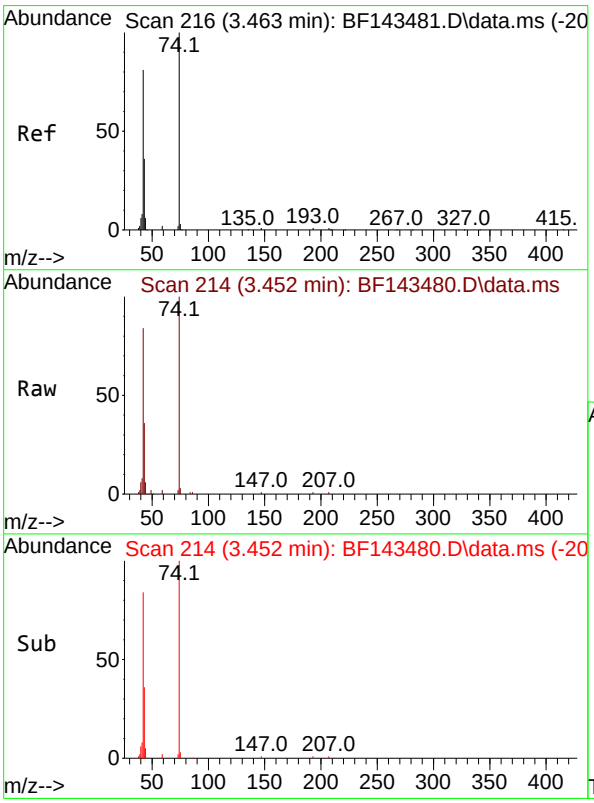
#3
Pyridine
Concen: 20.306 ng
RT: 3.528 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

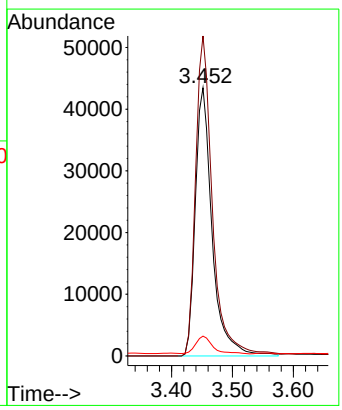


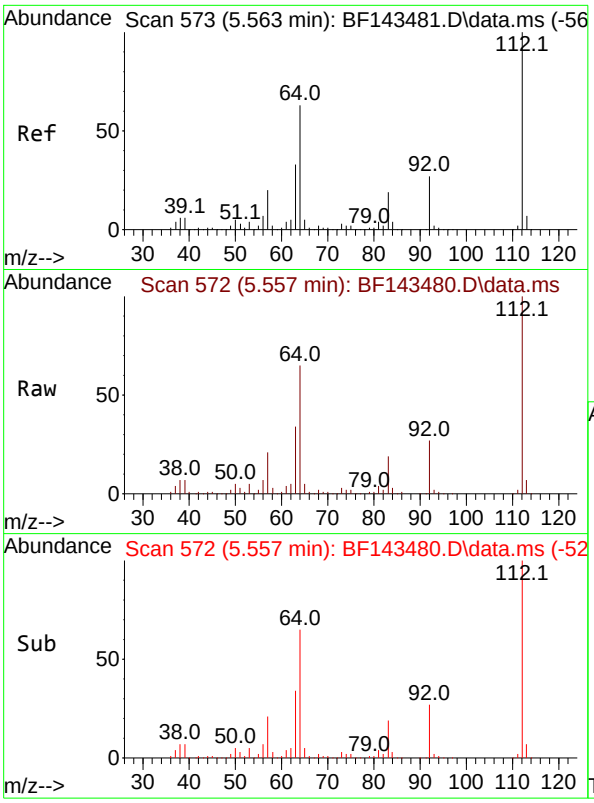


#4
n-Nitrosodimethylamine
Concen: 19.492 ng
RT: 3.452 min Scan# 214
Delta R.T. -0.024 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



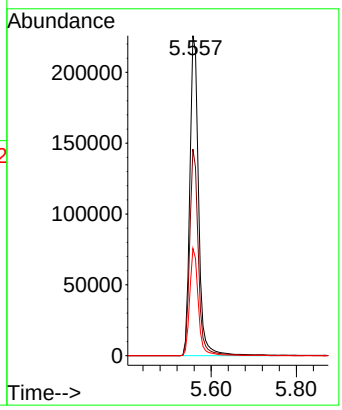


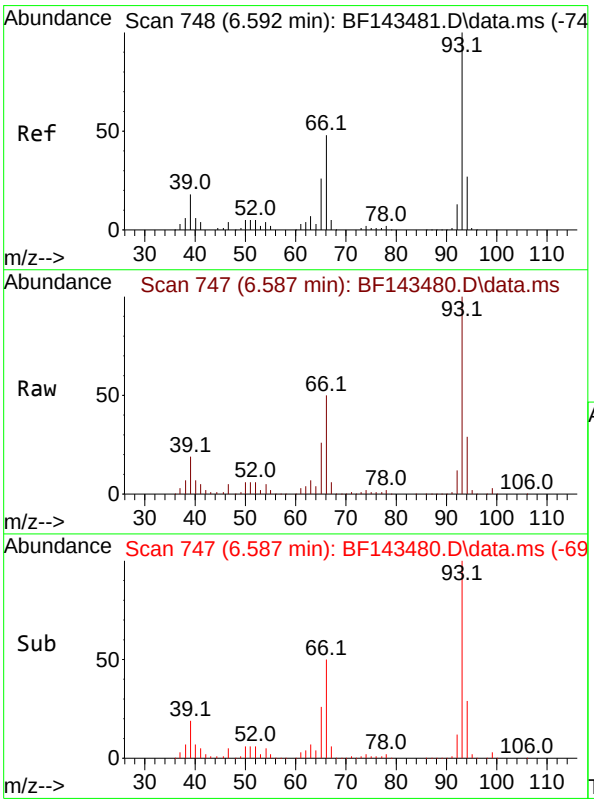
#5
2-Fluorophenol
Concen: 41.682 ng
RT: 5.557 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

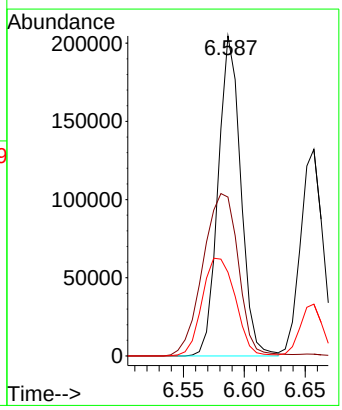


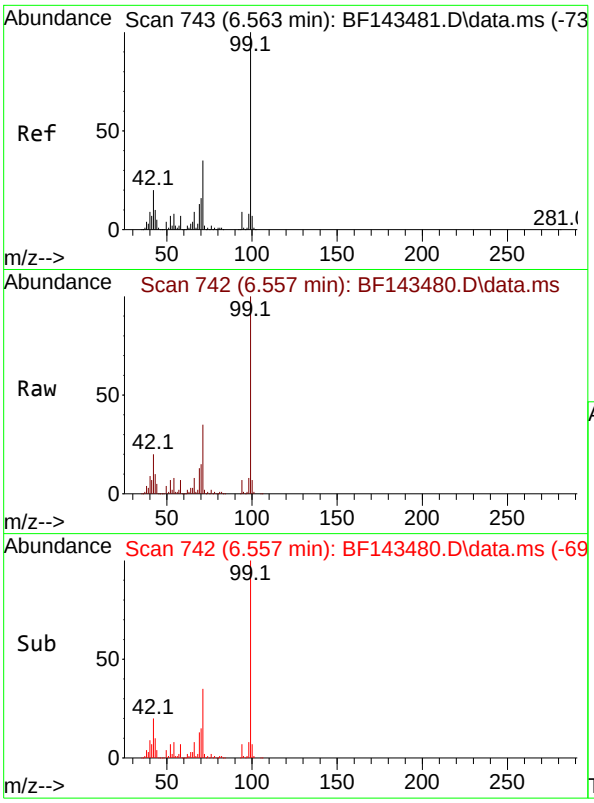


#6
Aniline
Concen: 20.731 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



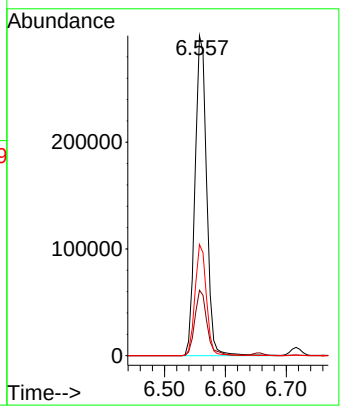


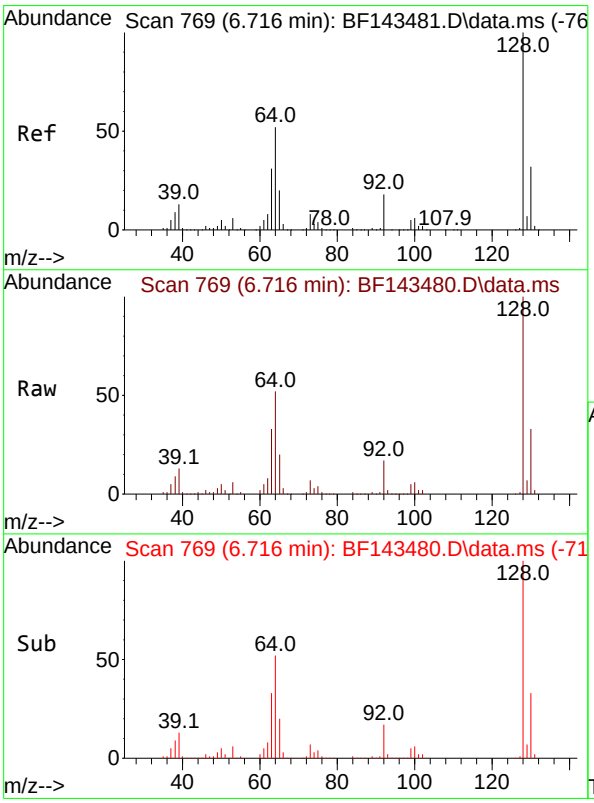
#7
Phenol-d6
Concen: 41.604 ng
RT: 6.557 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

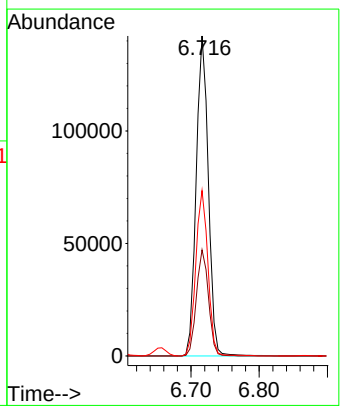


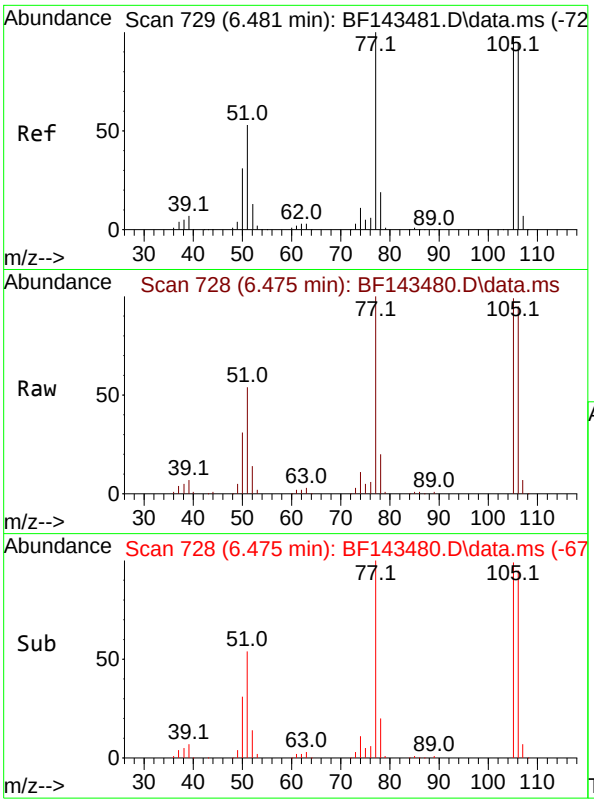


#8
2-Chlorophenol
Concen: 20.579 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



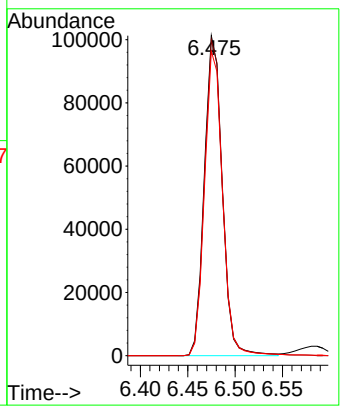


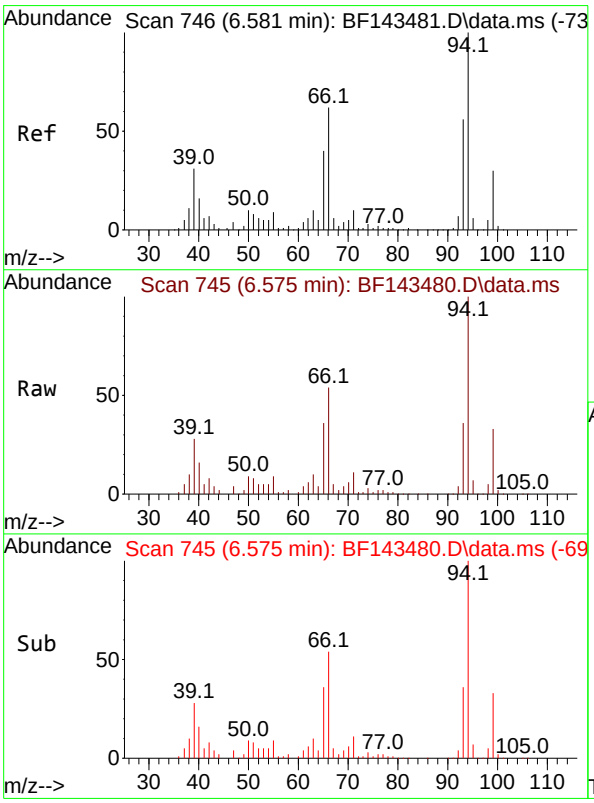
#9
Benzaldehyde
Concen: 17.142 ng
RT: 6.475 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

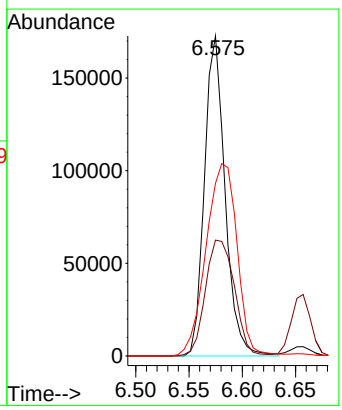


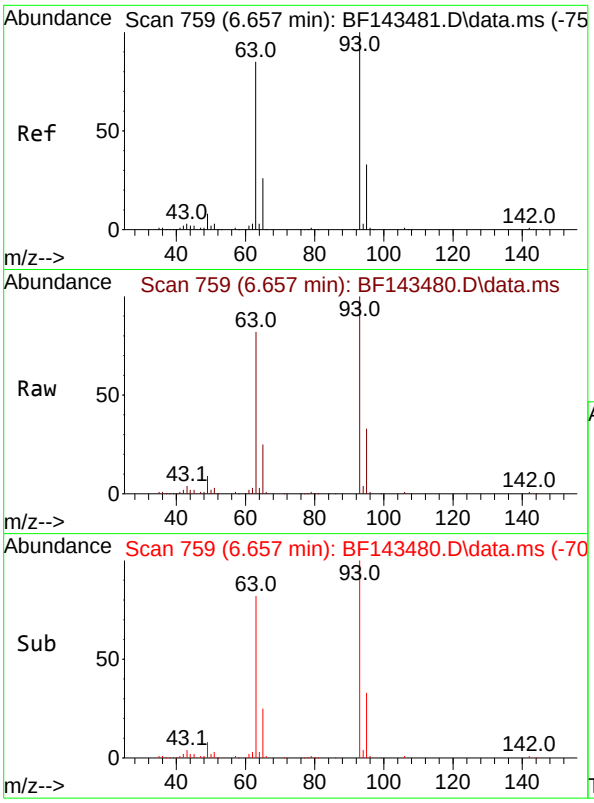


#10
Phenol
Concen: 21.182 ng
RT: 6.575 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



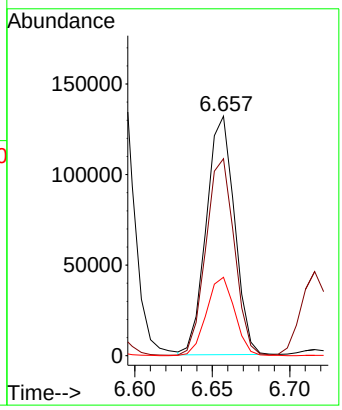


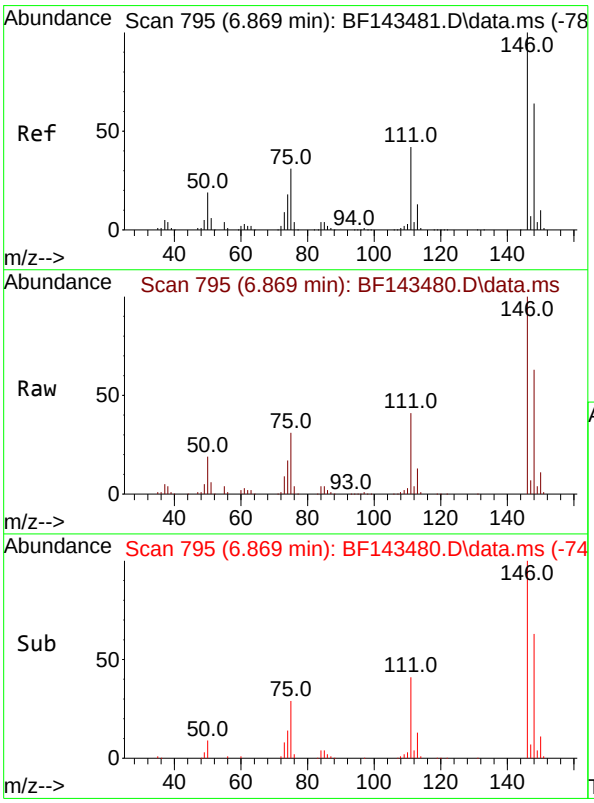
#11
bis(2-Chloroethyl)ether
Concen: 20.296 ng
RT: 6.657 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

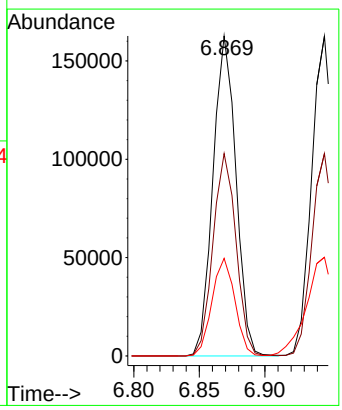


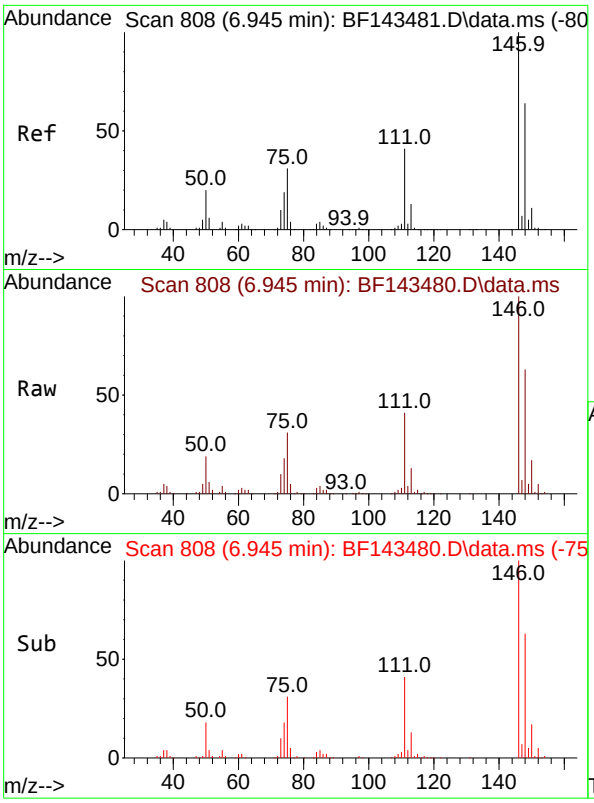


#12
1,3-Dichlorobenzene
Concen: 20.633 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



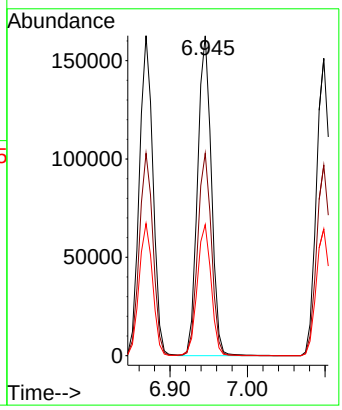


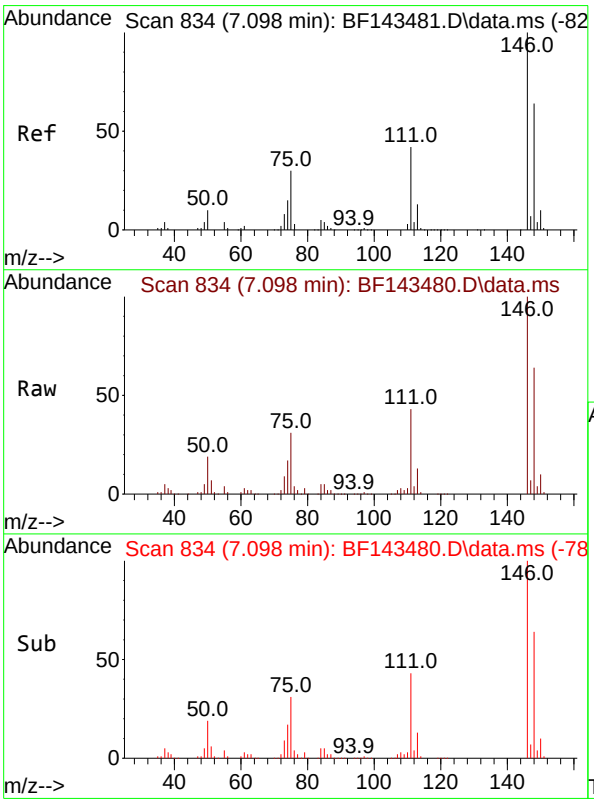
#13
1,4-Dichlorobenzene
Concen: 20.806 ng
RT: 6.945 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

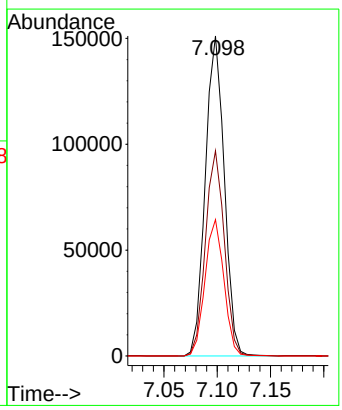


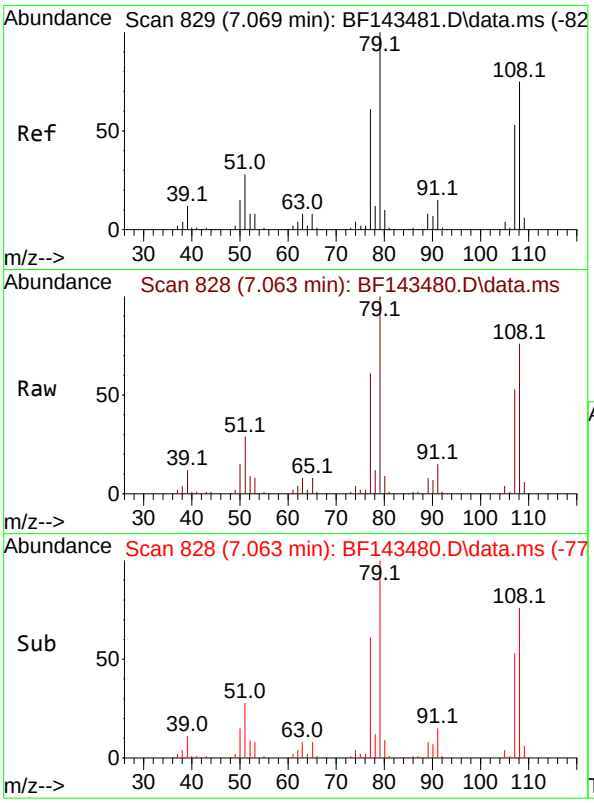


#14
1,2-Dichlorobenzene
Concen: 20.536 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



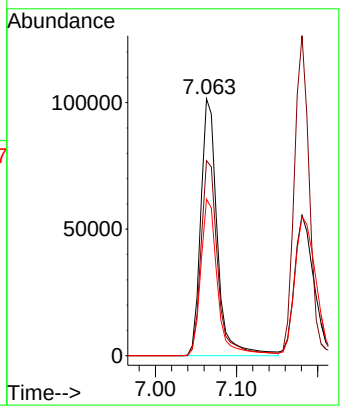


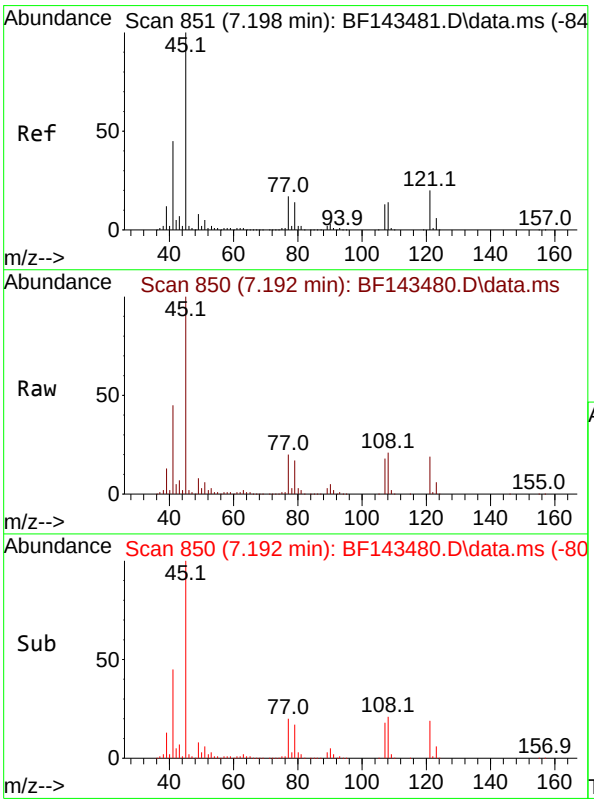
#15
Benzyl Alcohol
Concen: 20.082 ng
RT: 7.063 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

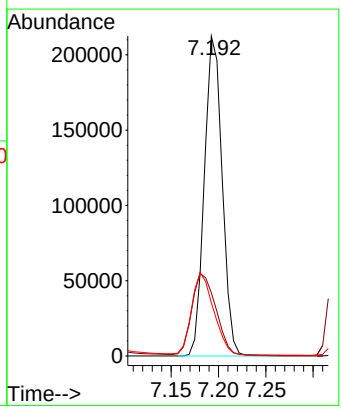


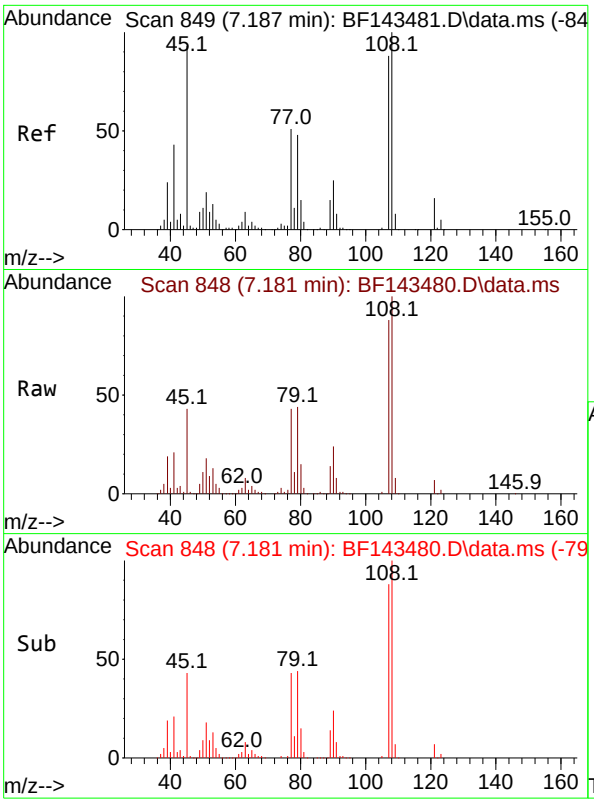


#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.087 ng
RT: 7.192 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



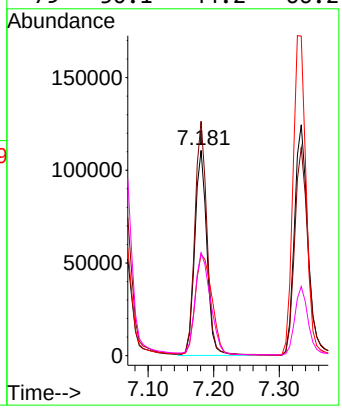


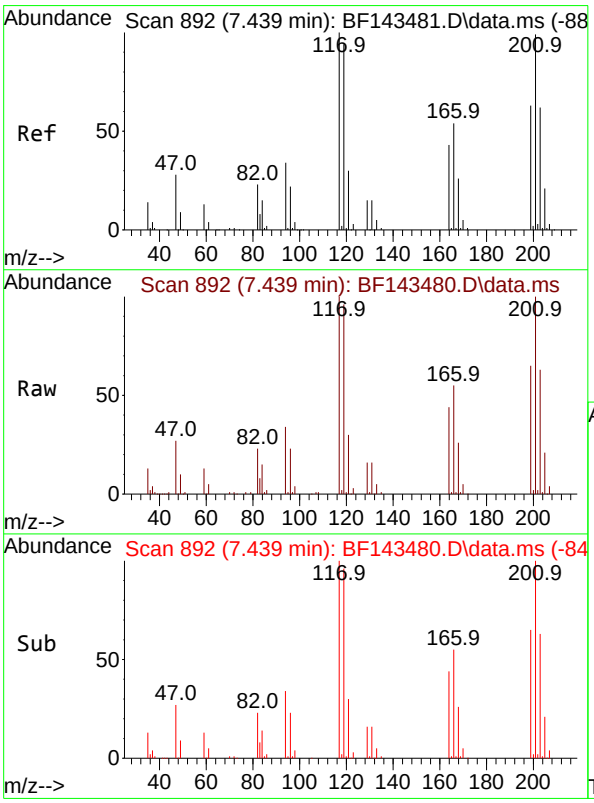
#17
2-Methylphenol
Concen: 20.794 ng
RT: 7.181 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

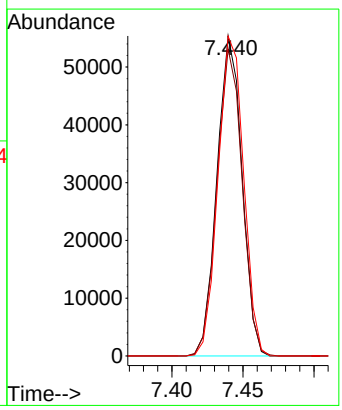


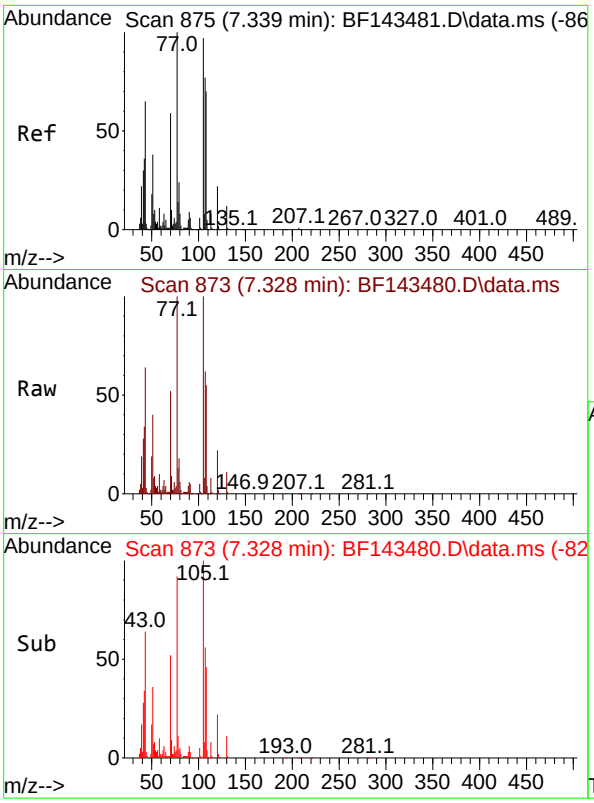


#18
Hexachloroethane
Concen: 20.727 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



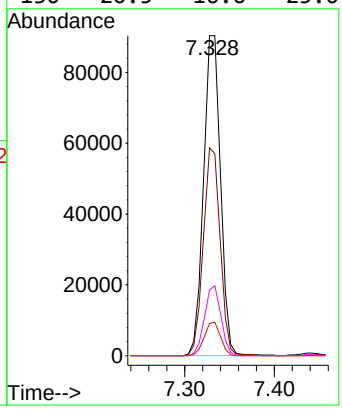


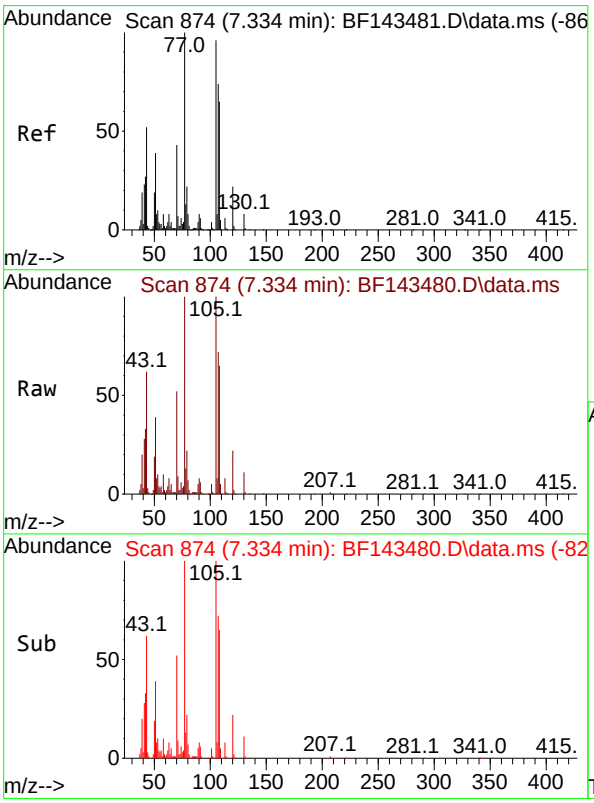
#19
n-Nitroso-di-n-propylamine
Concen: 20.353 ng
RT: 7.328 min Scan# 8
Delta R.T. -0.024 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

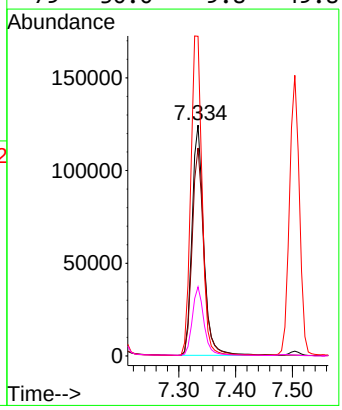


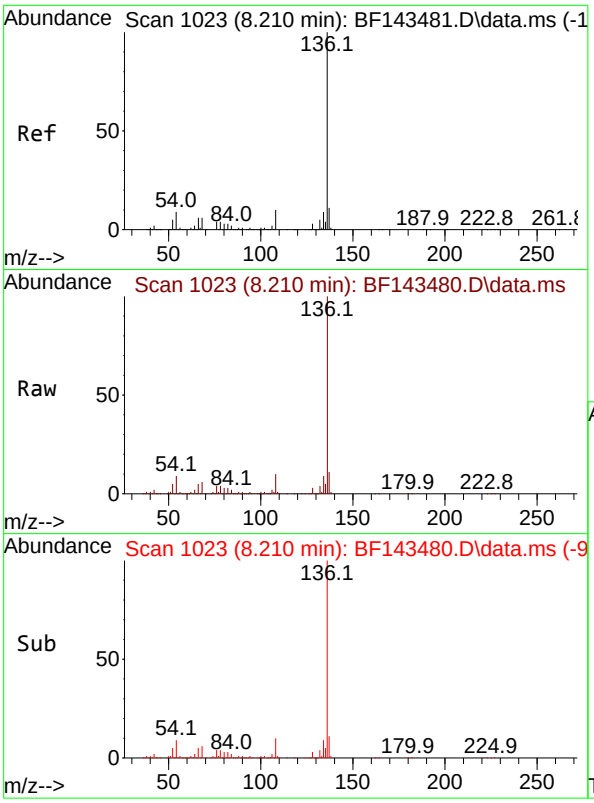


#20
3+4-Methylphenols
Concen: 21.785 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



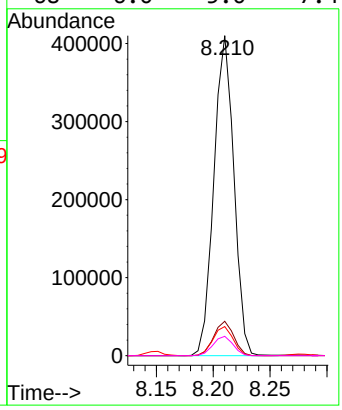


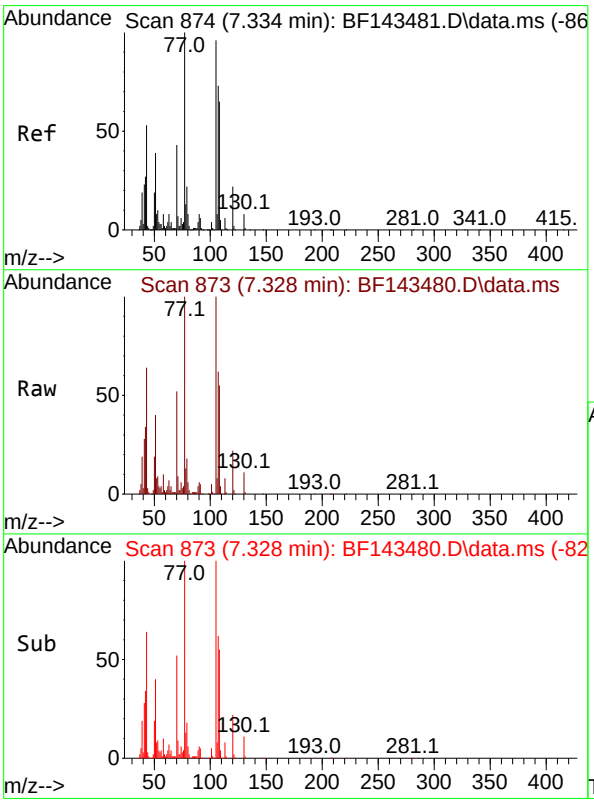
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

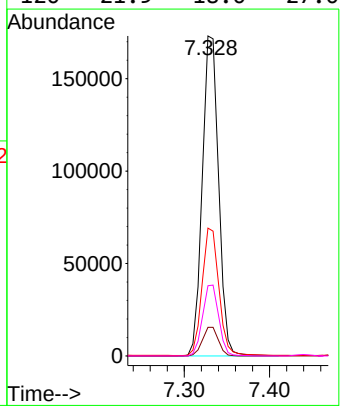


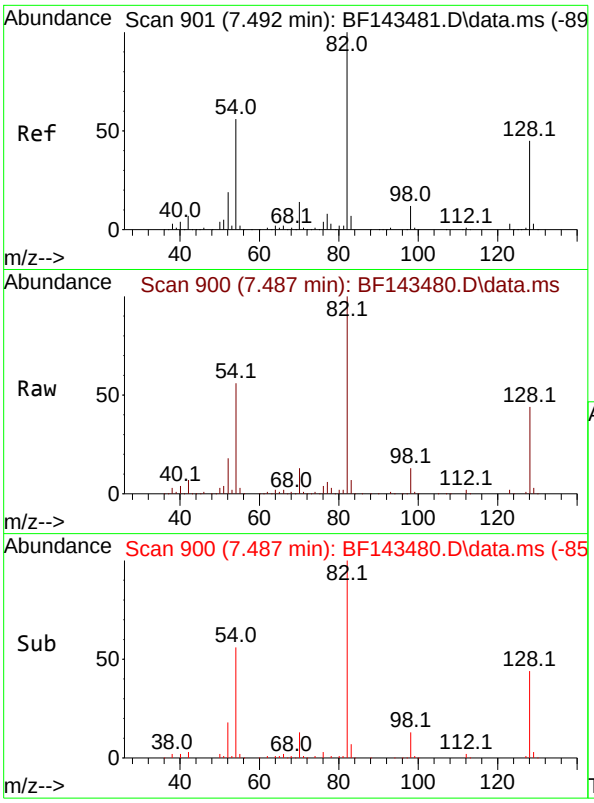


#22
Acetophenone
Concen: 21.238 ng
RT: 7.328 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



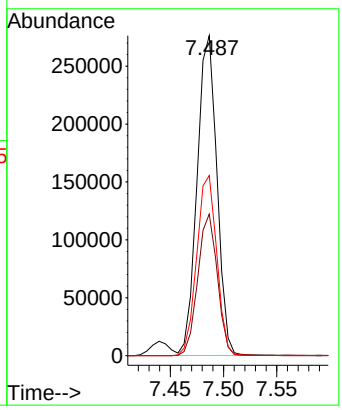


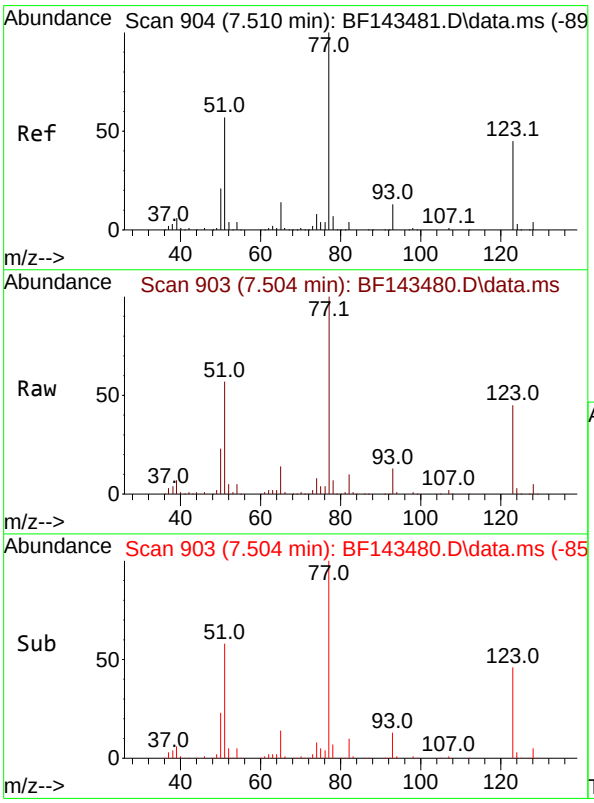
#23
Nitrobenzene-d5
Concen: 41.608 ng
RT: 7.487 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

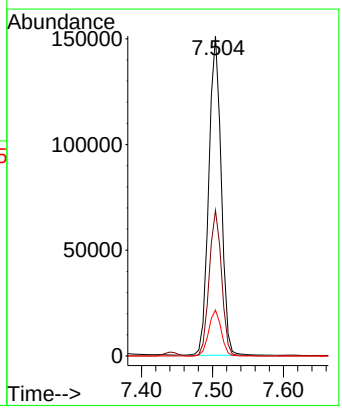


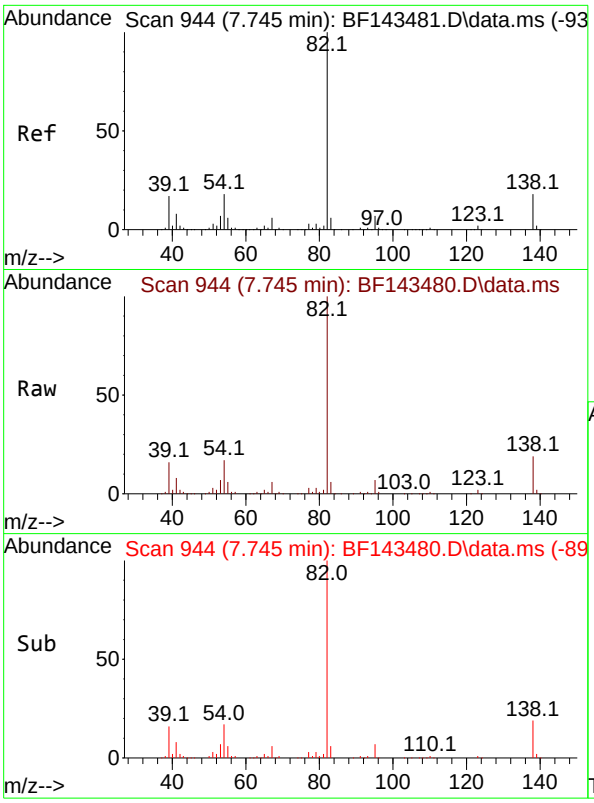


#24
Nitrobenzene
Concen: 20.736 ng
RT: 7.504 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



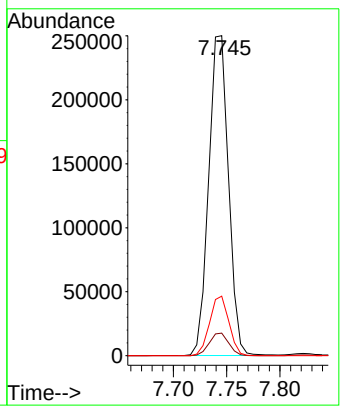


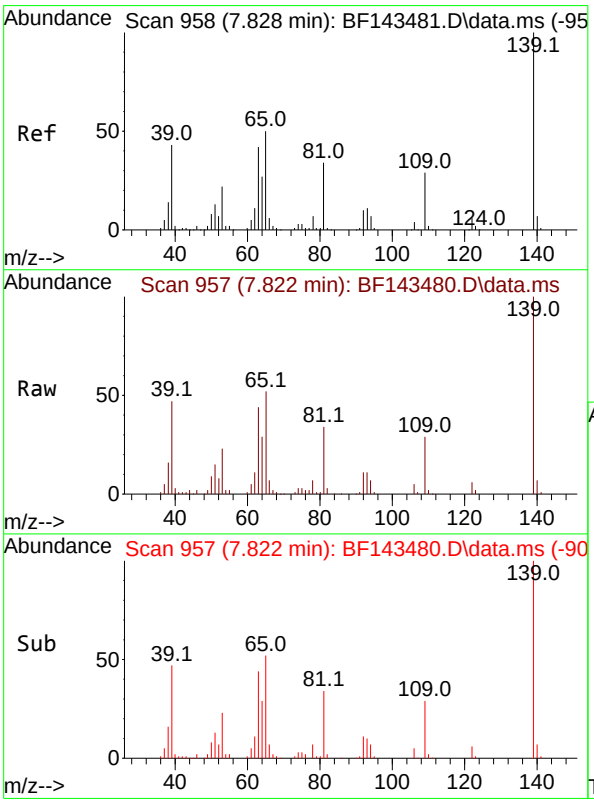
#25
Isophorone
Concen: 20.513 ng
RT: 7.745 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

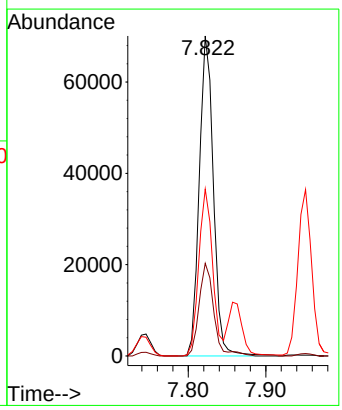


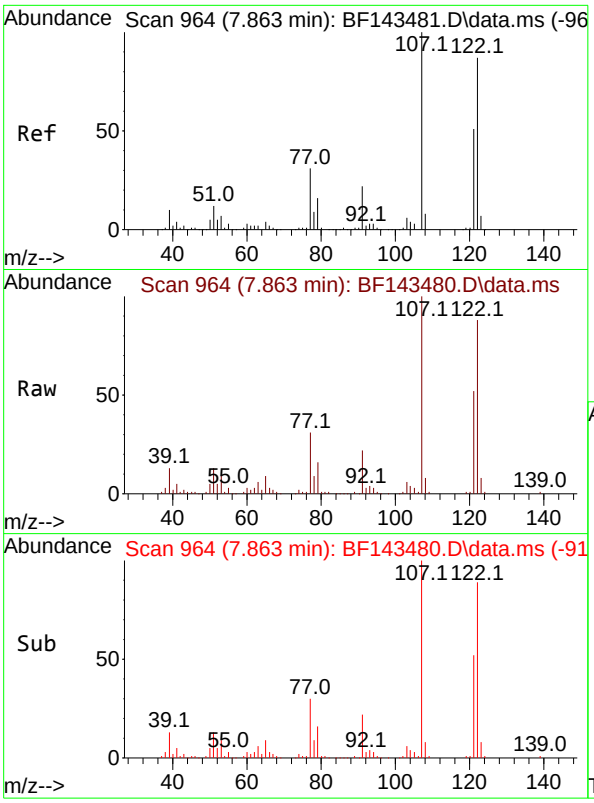


#26
2-Nitrophenol
Concen: 20.444 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



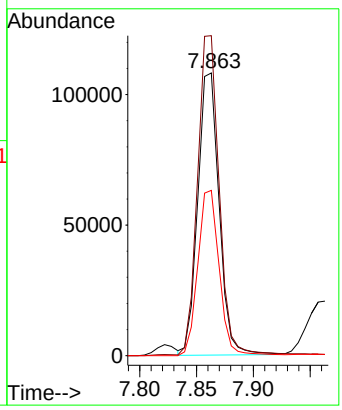


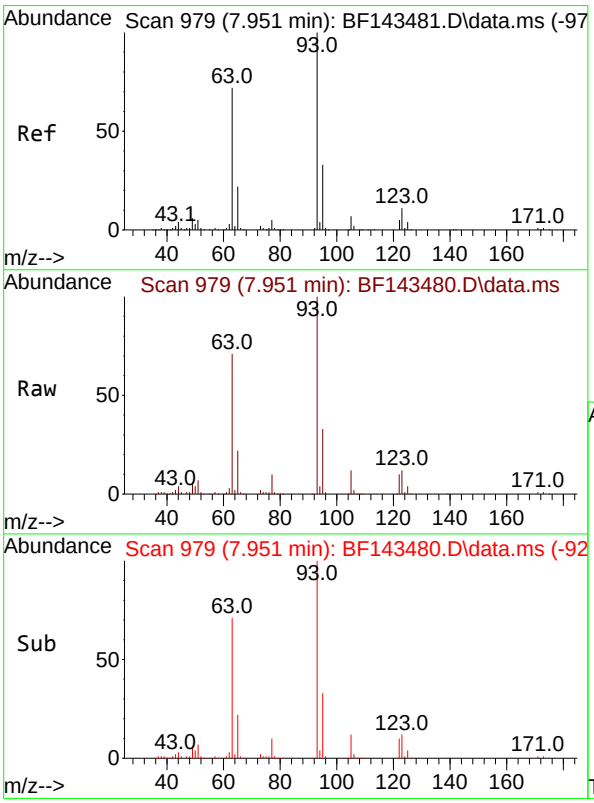
#27
2,4-Dimethylphenol
Concen: 20.897 ng
RT: 7.863 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

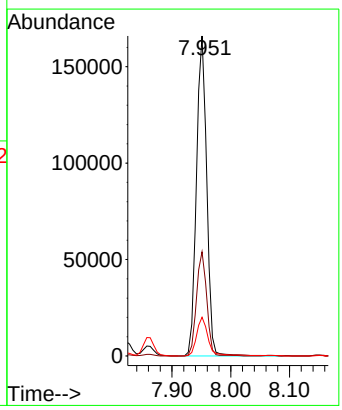


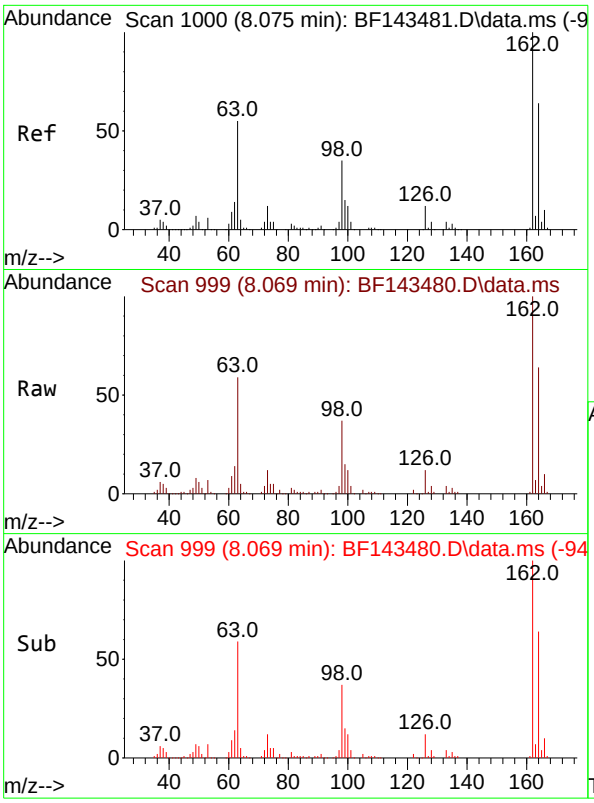


#28
bis(2-Chloroethoxy)methane
Concen: 20.776 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



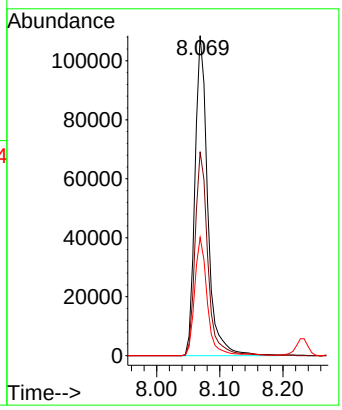


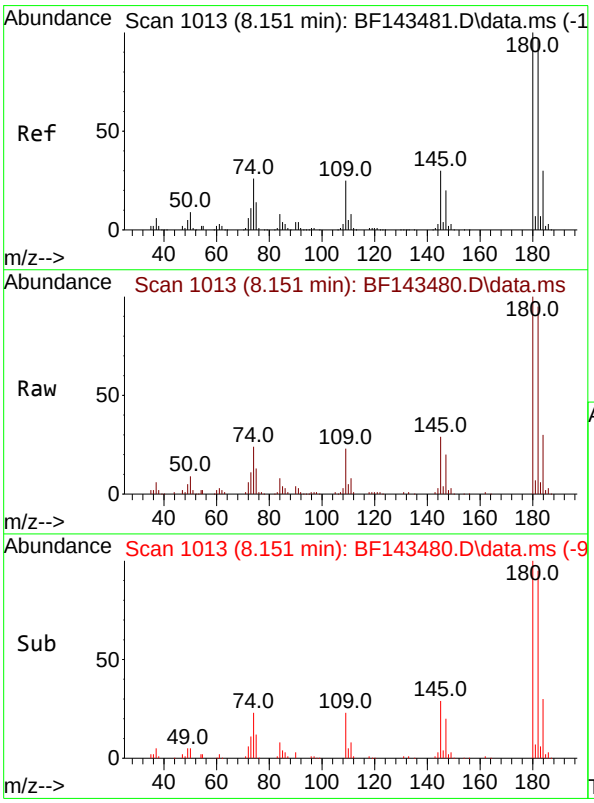
#29
2,4-Dichlorophenol
Concen: 21.055 ng
RT: 8.069 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

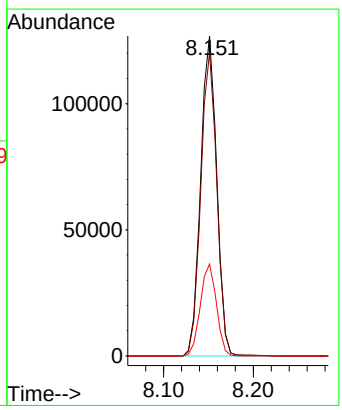


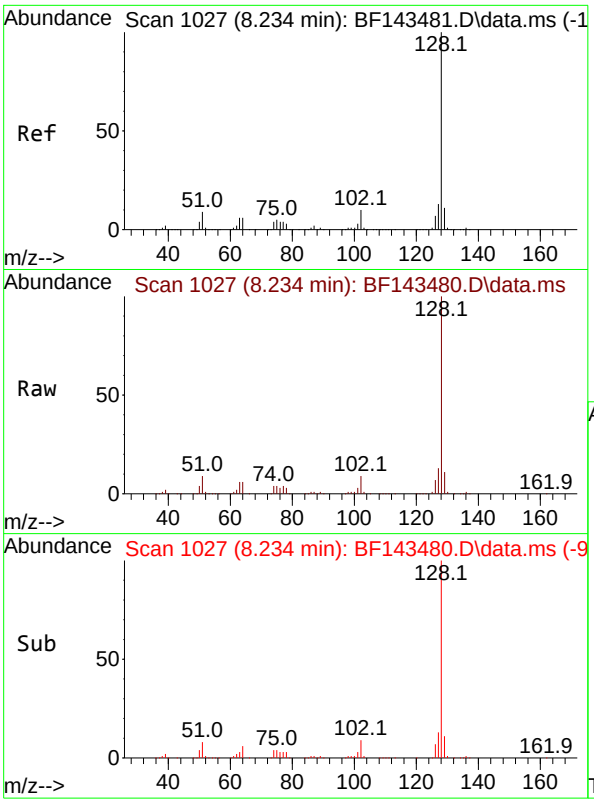


#30
1,2,4-Trichlorobenzene
Concen: 21.200 ng
RT: 8.151 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



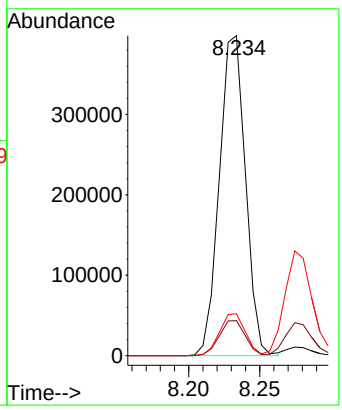


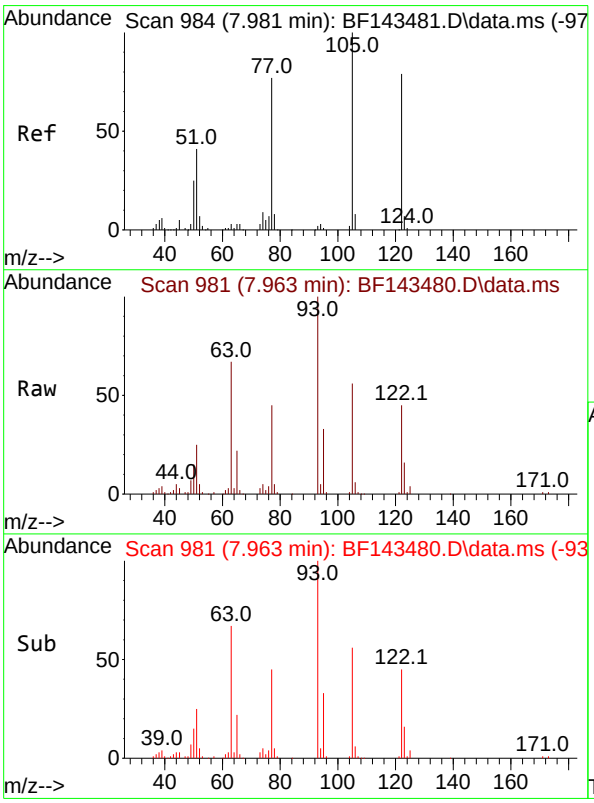
#31
Naphthalene
Concen: 21.111 ng
RT: 8.234 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

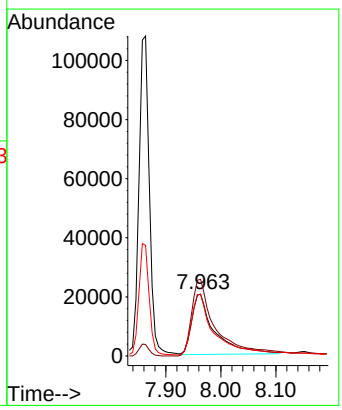


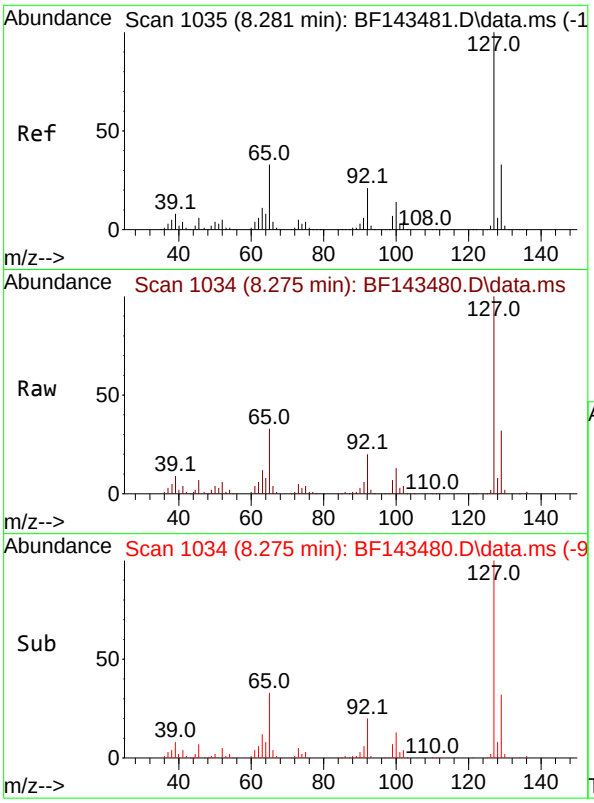


#32
Benzoic acid
Concen: 19.199 ng
RT: 7.963 min Scan# 981
Delta R.T. -0.047 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



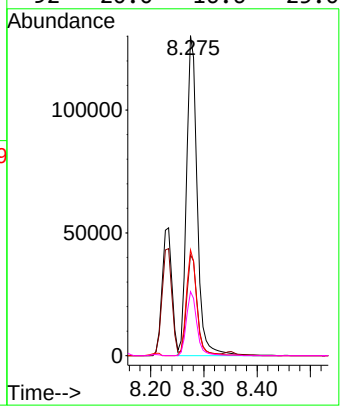


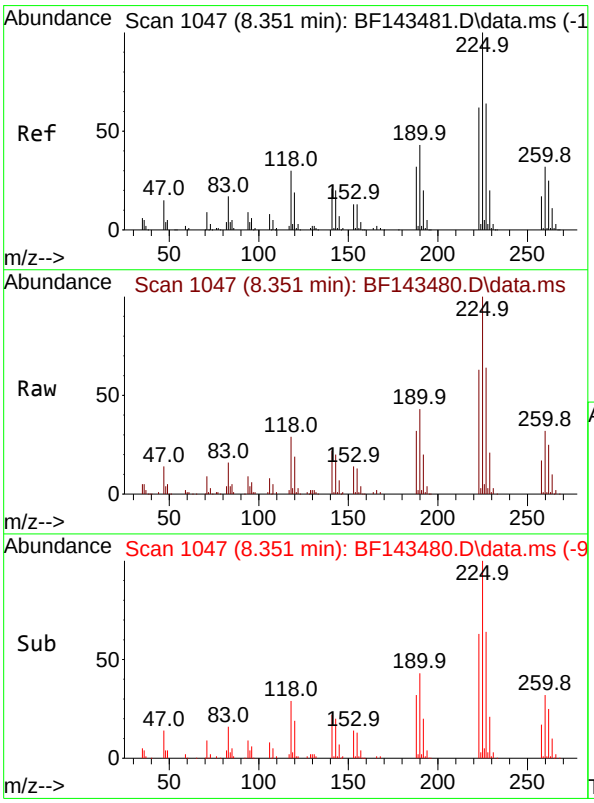
#33
4-Chloroaniline
Concen: 21.243 ng
RT: 8.275 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

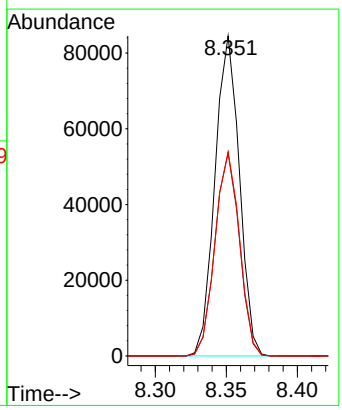


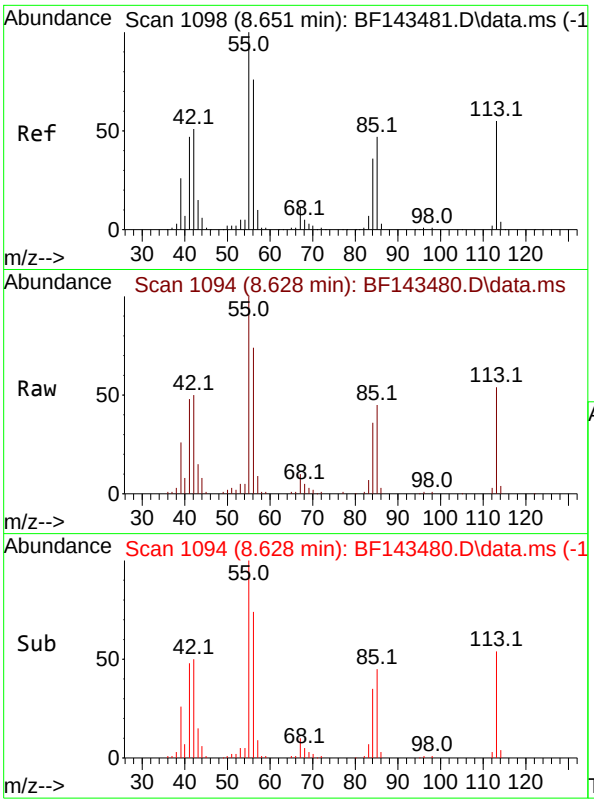


#34
Hexachlorobutadiene
Concen: 20.802 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



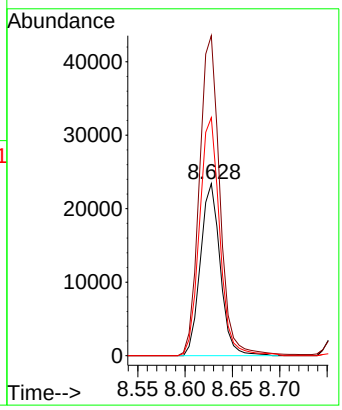


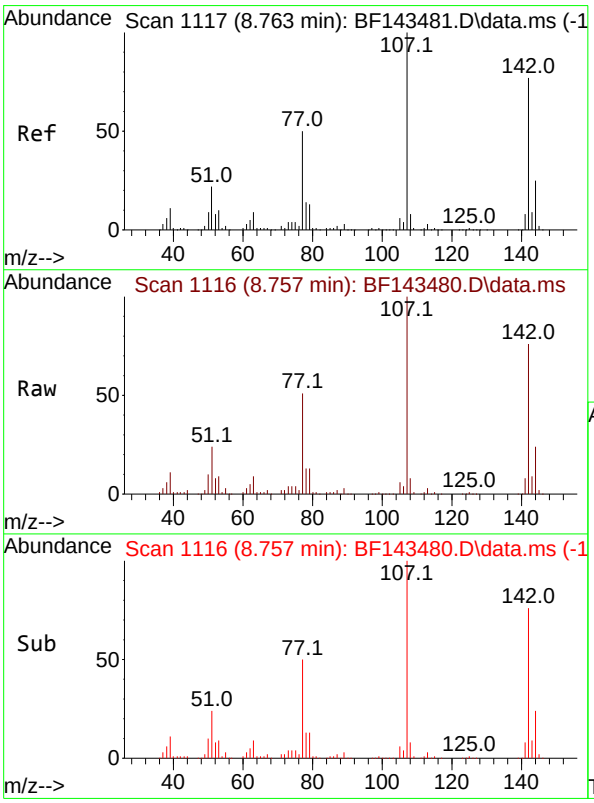
#35
Caprolactam
Concen: 19.594 ng
RT: 8.628 min Scan# 1
Delta R.T. -0.047 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

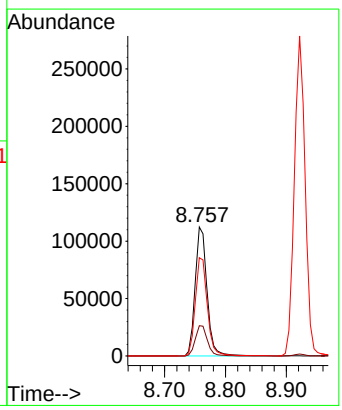


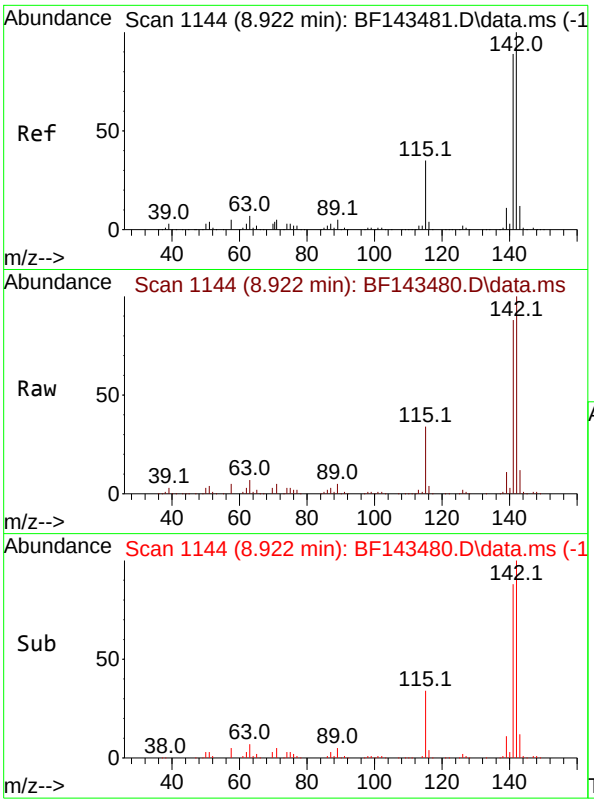


#36
4-Chloro-3-methylphenol
Concen: 21.008 ng
RT: 8.757 min Scan# 1116
Delta R.T. -0.012 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



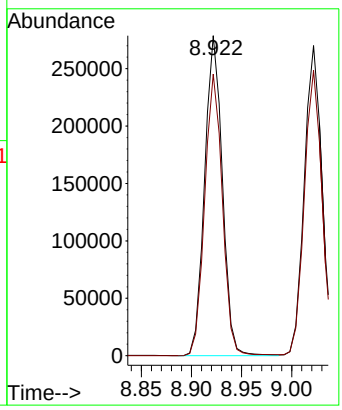


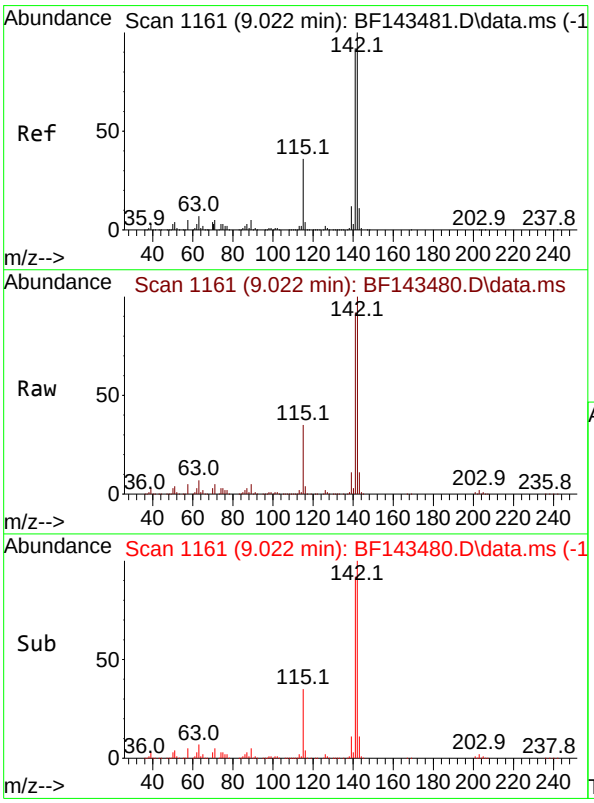
#37
2-Methylnaphthalene
Concen: 21.339 ng
RT: 8.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 343900

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.0	106.4

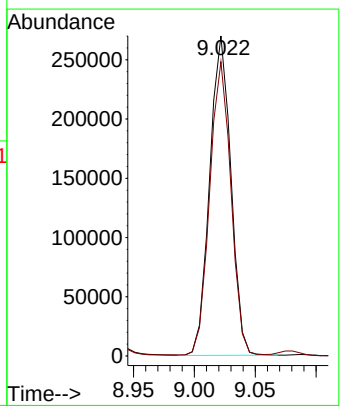


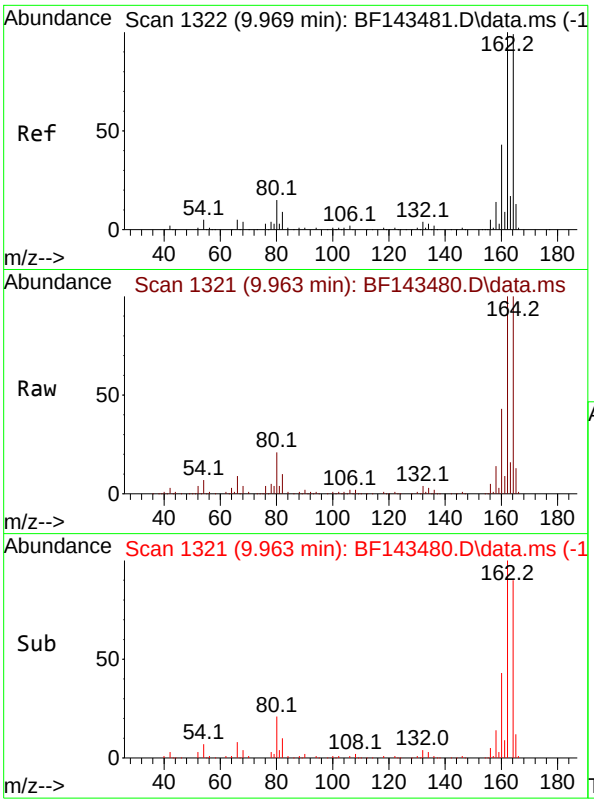


#38
1-Methylnaphthalene
Concen: 21.191 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

Tgt Ion:142 Resp: 326683

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.3	109.9



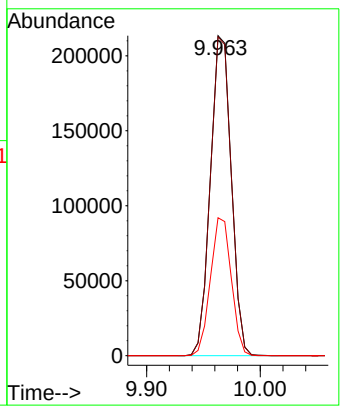


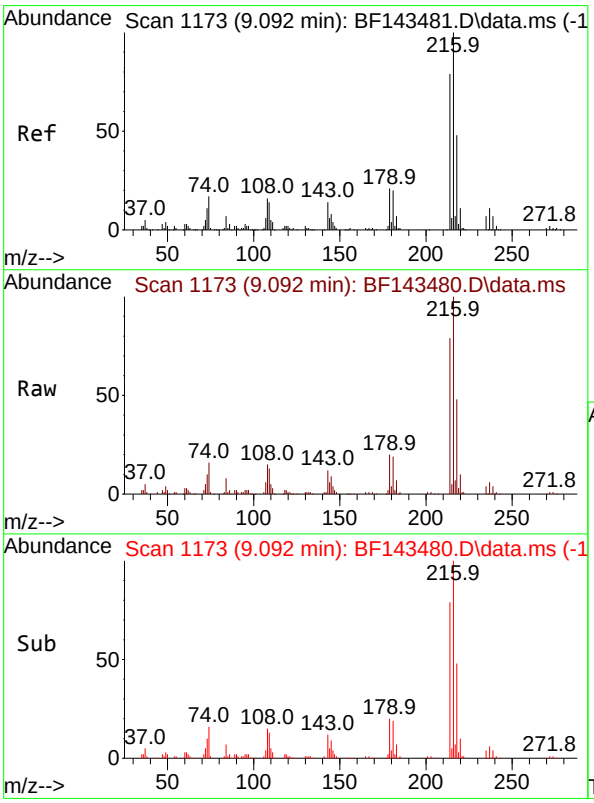
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

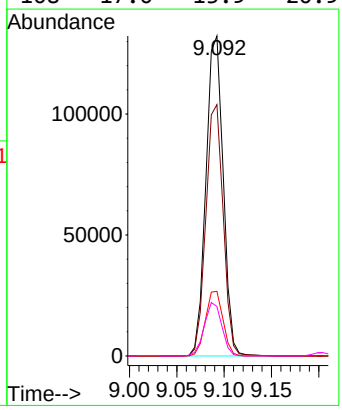


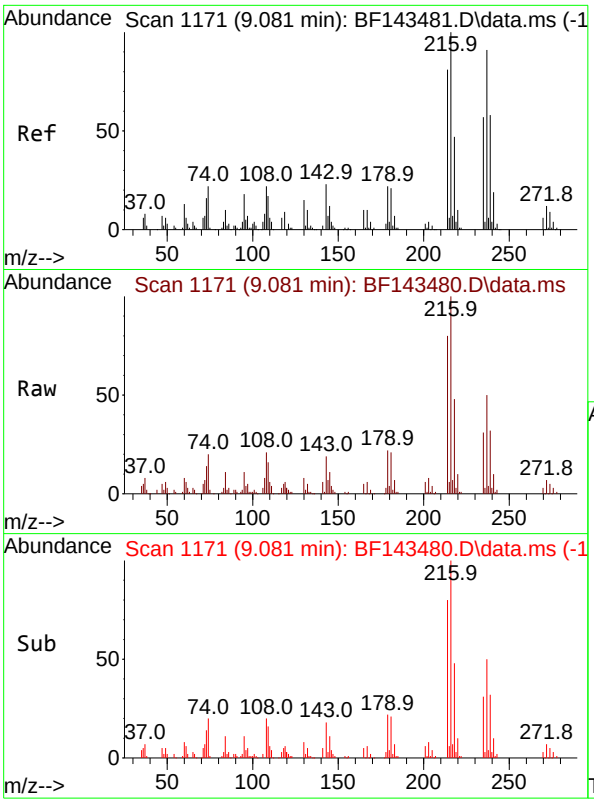


#40
1,2,4,5-Tetrachlorobenzene
Concen: 21.445 ng
RT: 9.092 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



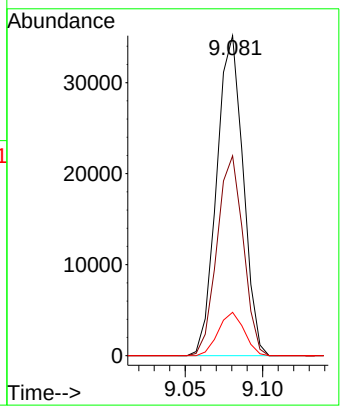


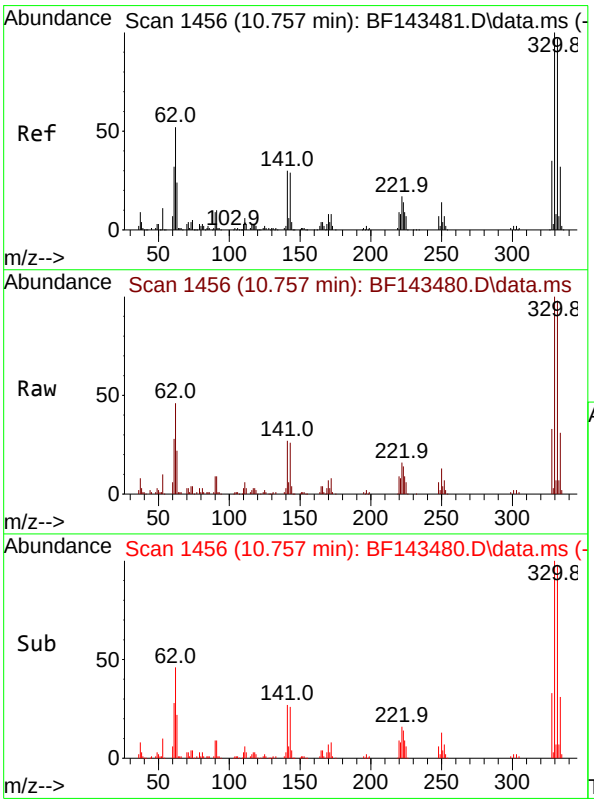
#41
Hexachlorocyclopentadiene
Concen: 19.072 ng
RT: 9.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

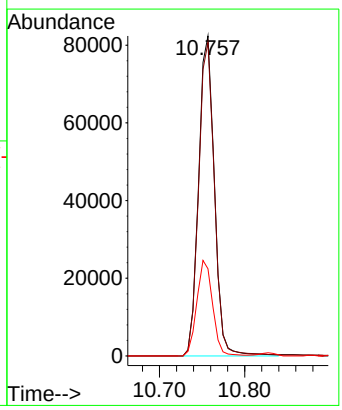


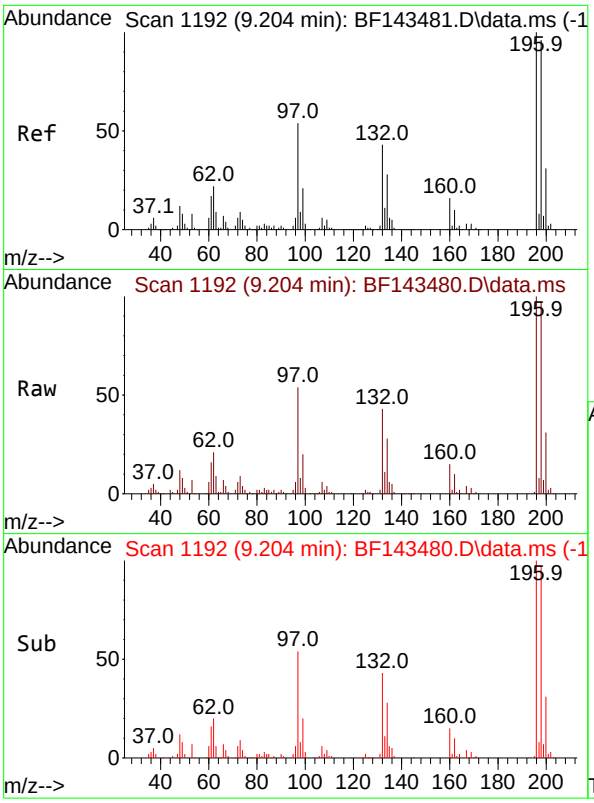


#42
2,4,6-Tribromophenol
Concen: 41.663 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



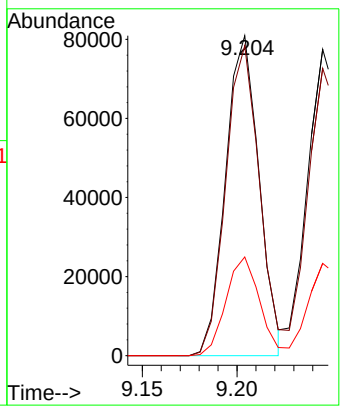


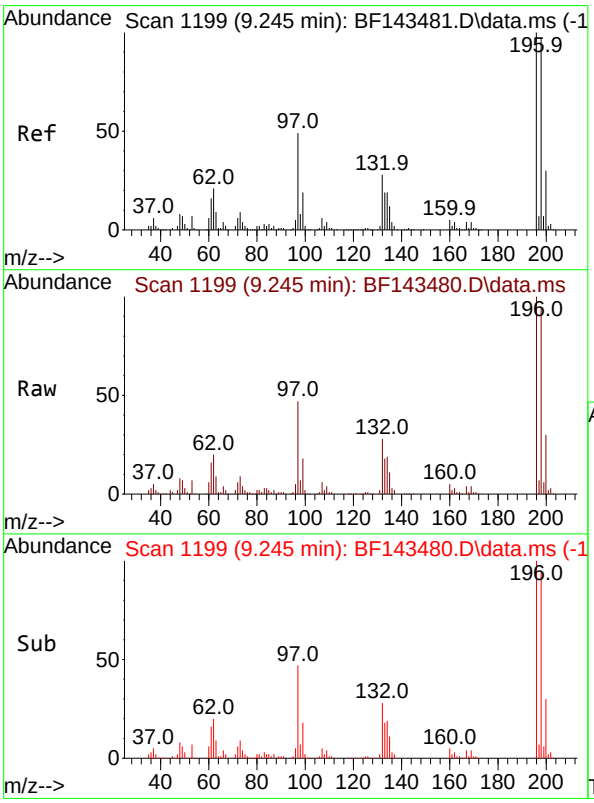
#43
2,4,6-Trichlorophenol
Concen: 20.683 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

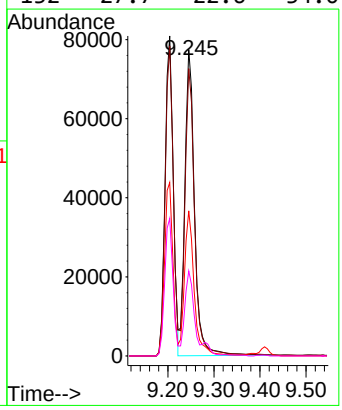


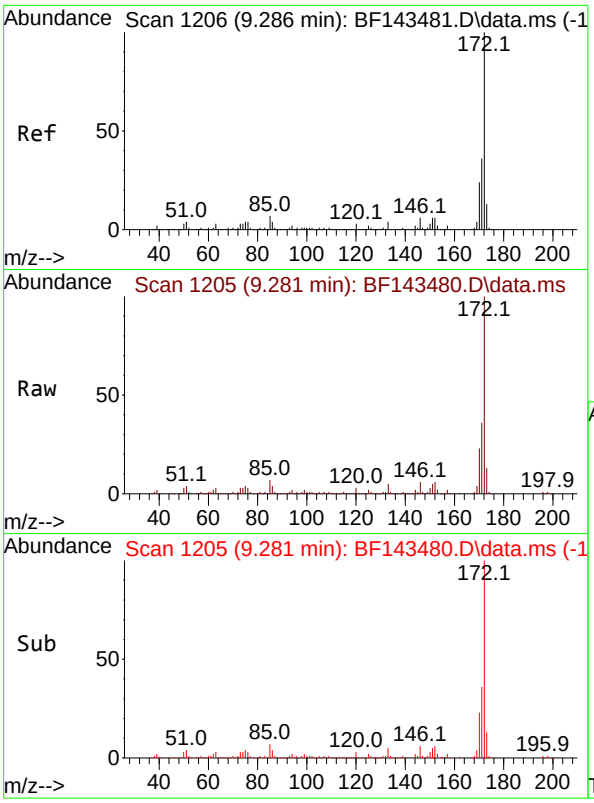


#44
2,4,5-Trichlorophenol
Concen: 21.488 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



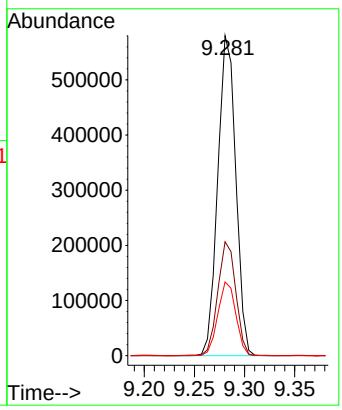


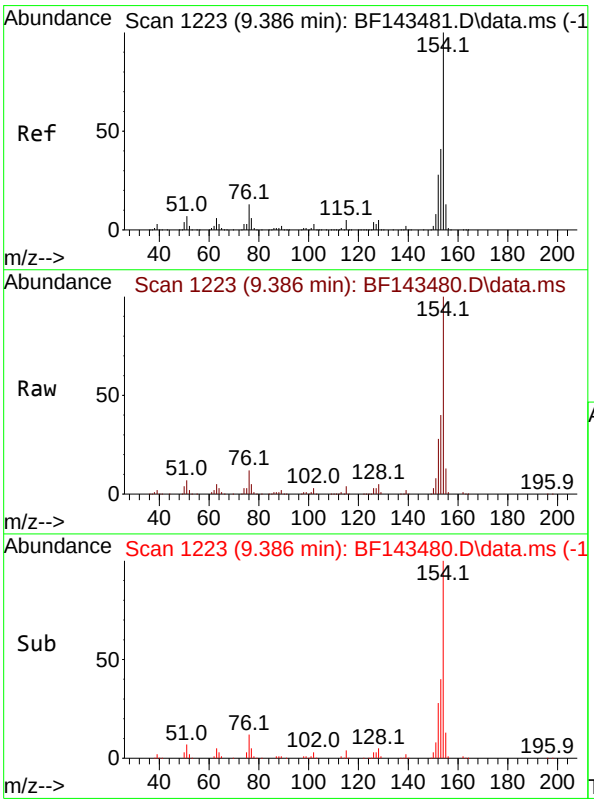
#45
2-Fluorobiphenyl
Concen: 43.723 ng
RT: 9.281 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

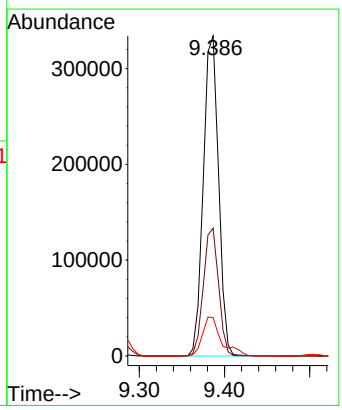


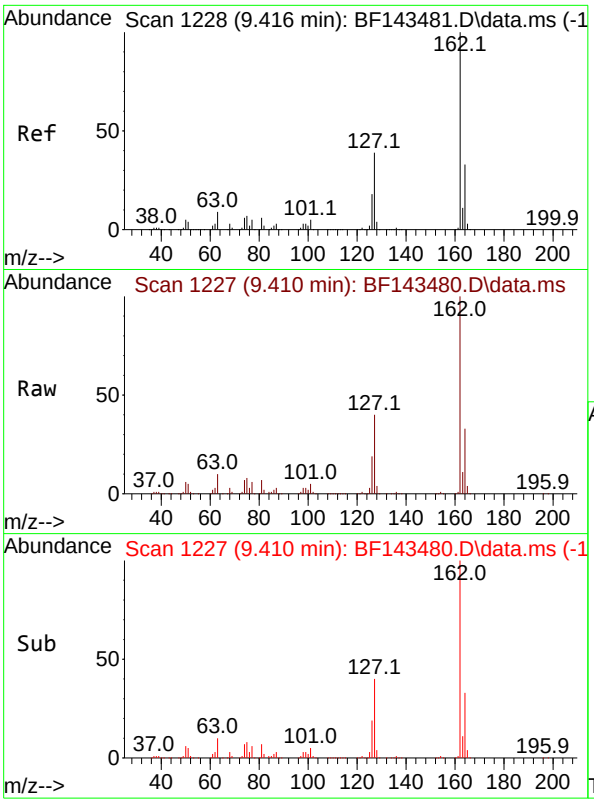


#46
1,1'-Biphenyl
Concen: 21.403 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



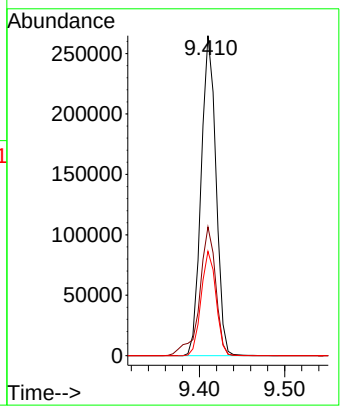


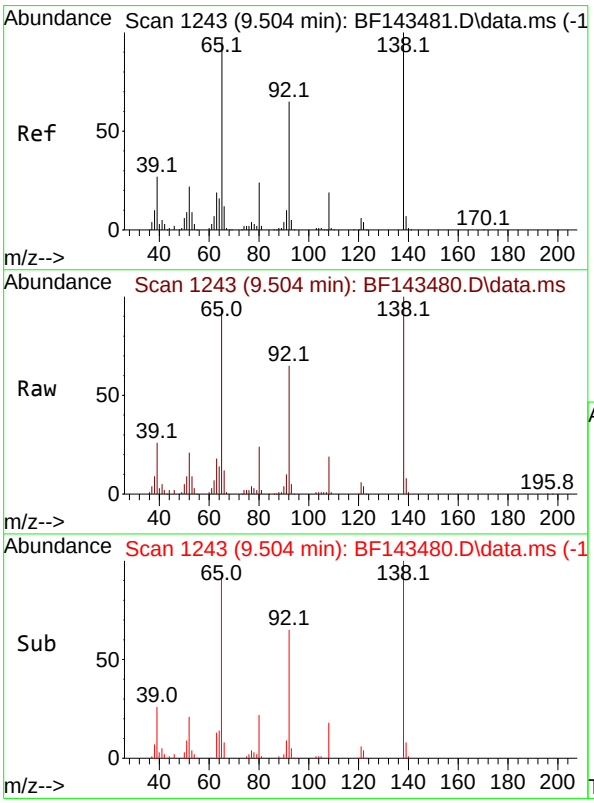
#47
2-Chloronaphthalene
Concen: 21.037 ng
RT: 9.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

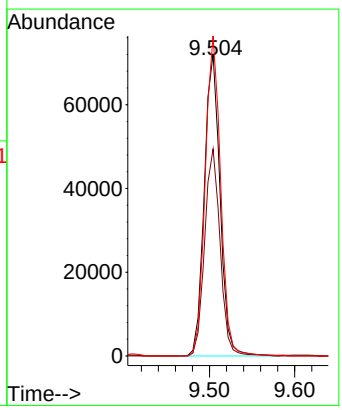


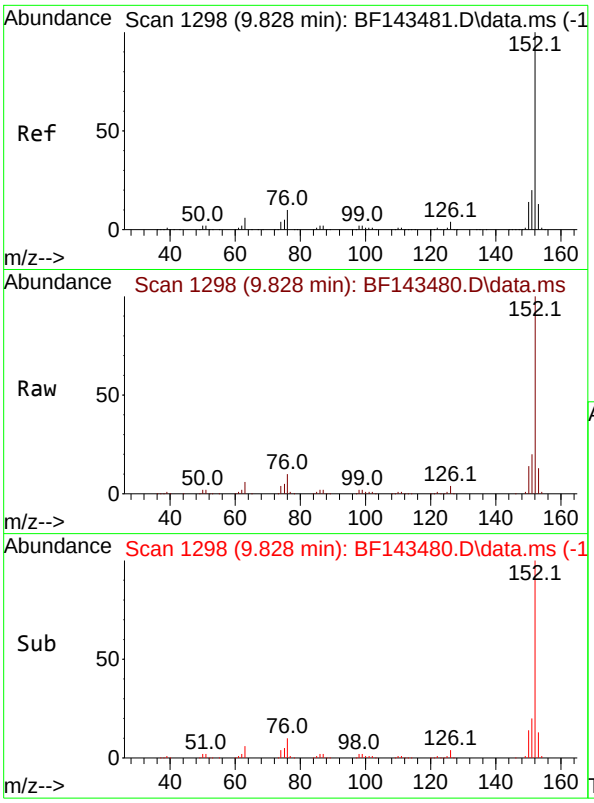


#48
2-Nitroaniline
Concen: 20.753 ng
RT: 9.504 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



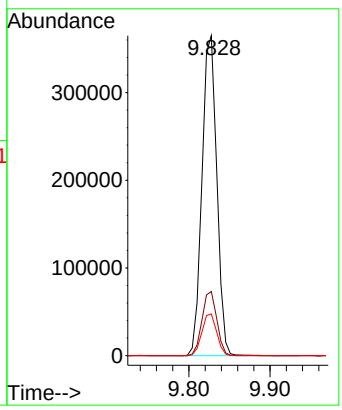


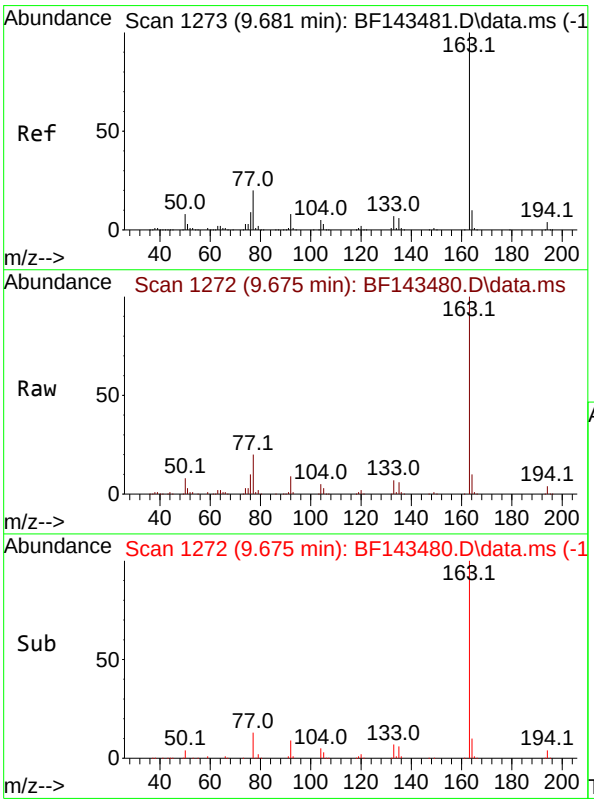
#49
Acenaphthylene
Concen: 21.158 ng
RT: 9.828 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

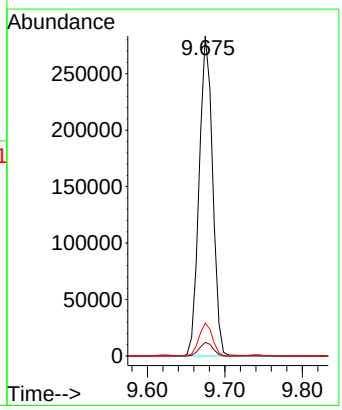


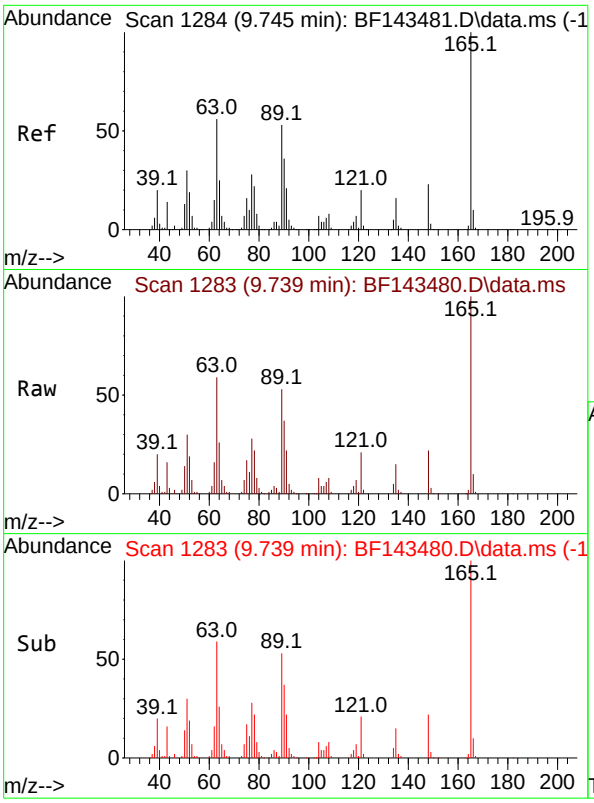


#50
Dimethylphthalate
Concen: 20.788 ng
RT: 9.675 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



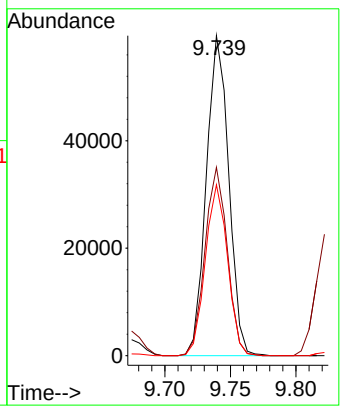


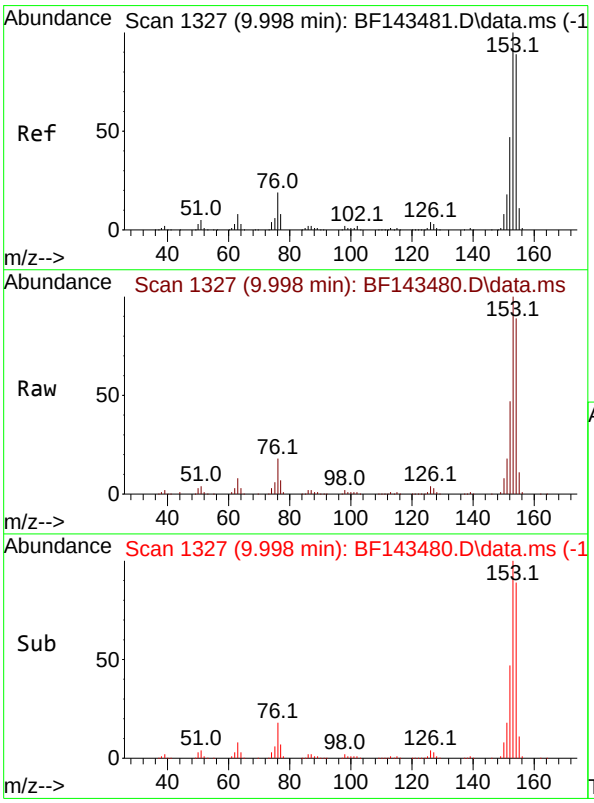
#51
2,6-Dinitrotoluene
Concen: 20.723 ng
RT: 9.739 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

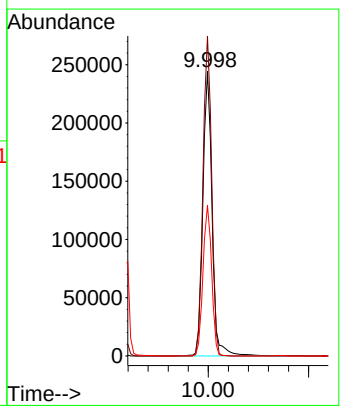


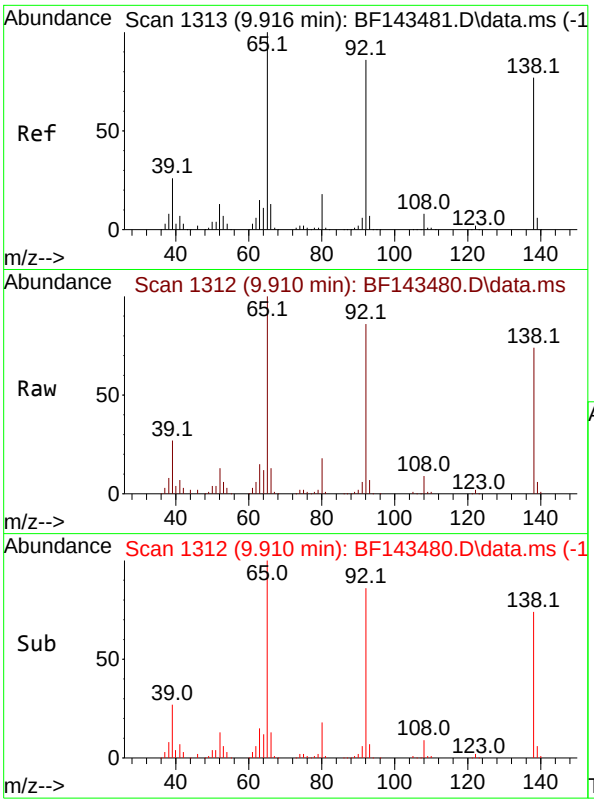


#52
Acenaphthene
Concen: 20.998 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



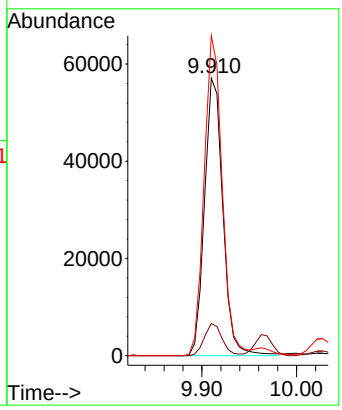


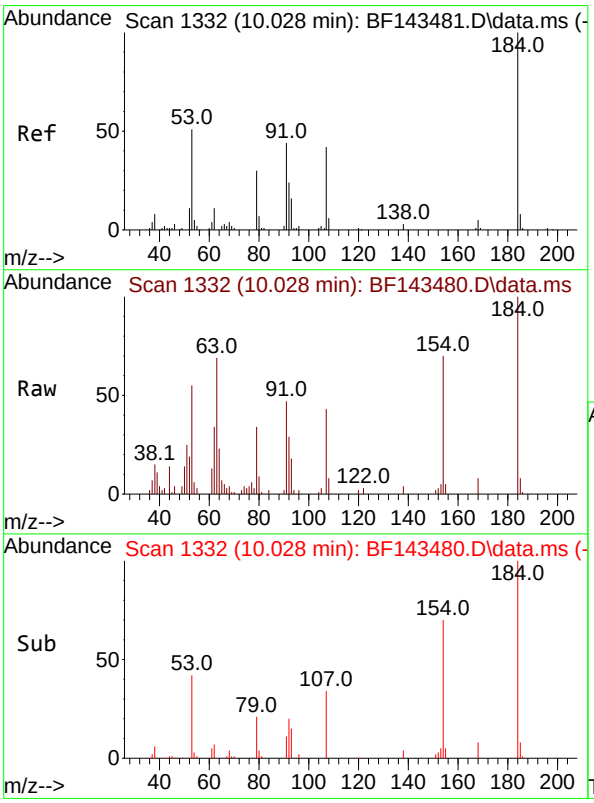
#53
3-Nitroaniline
Concen: 20.791 ng
RT: 9.910 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

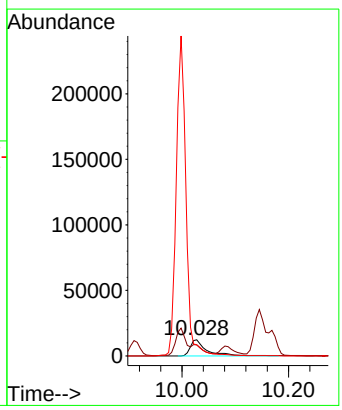


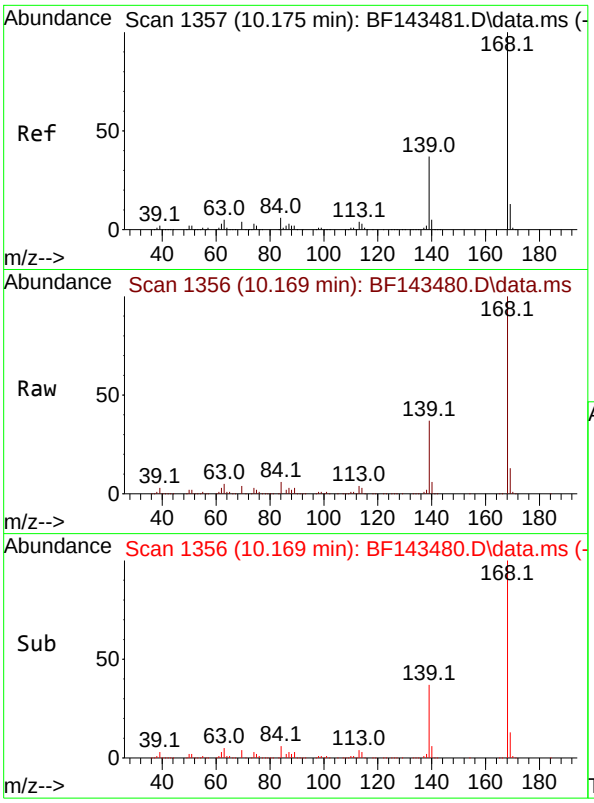


#54
2,4-Dinitrophenol
Concen: 19.096 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



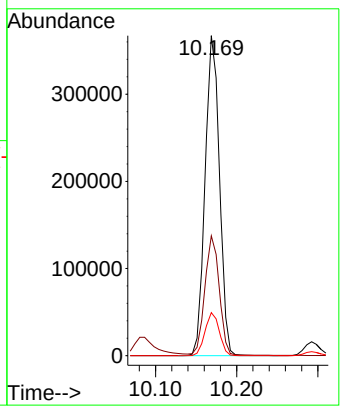


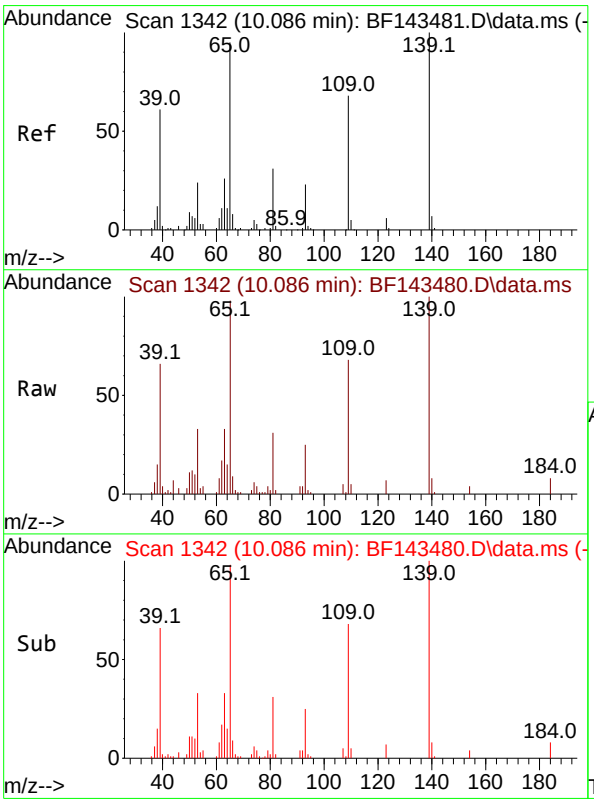
#55
Dibenzofuran
Concen: 21.335 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

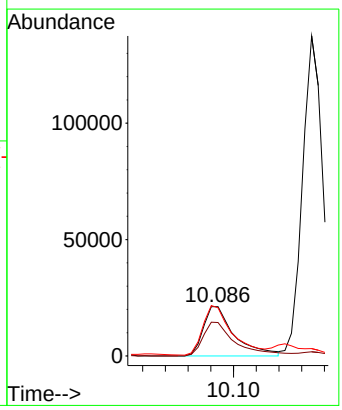


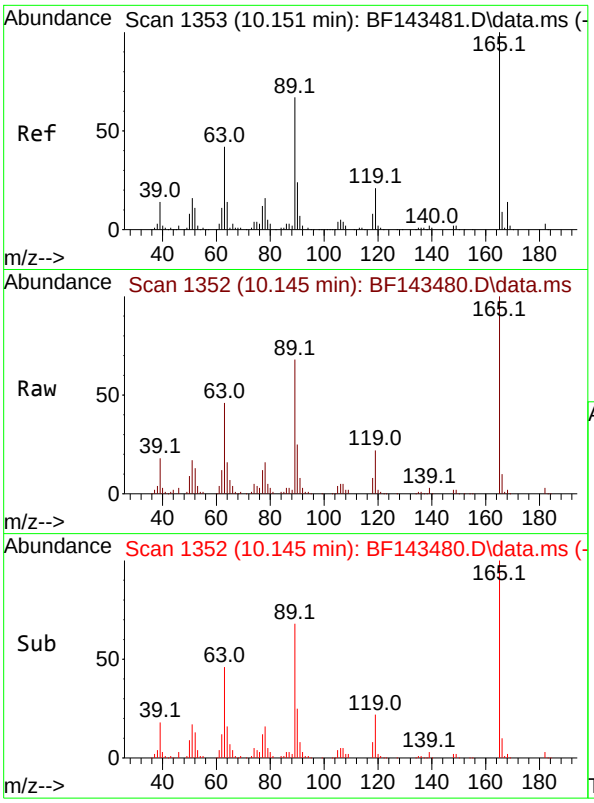


#56
4-Nitrophenol
Concen: 18.359 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



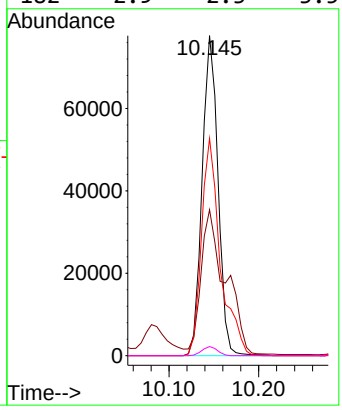


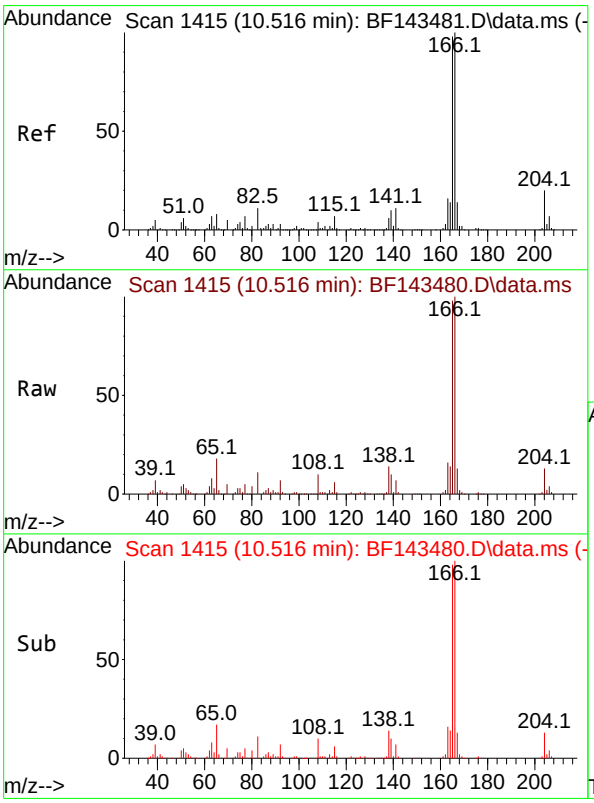
#57
2,4-Dinitrotoluene
Concen: 20.923 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

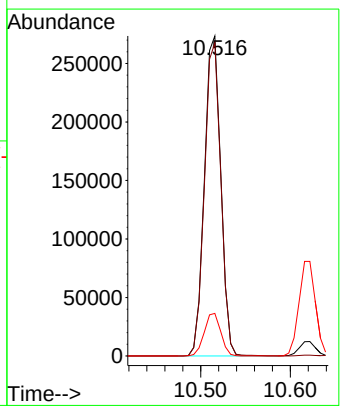


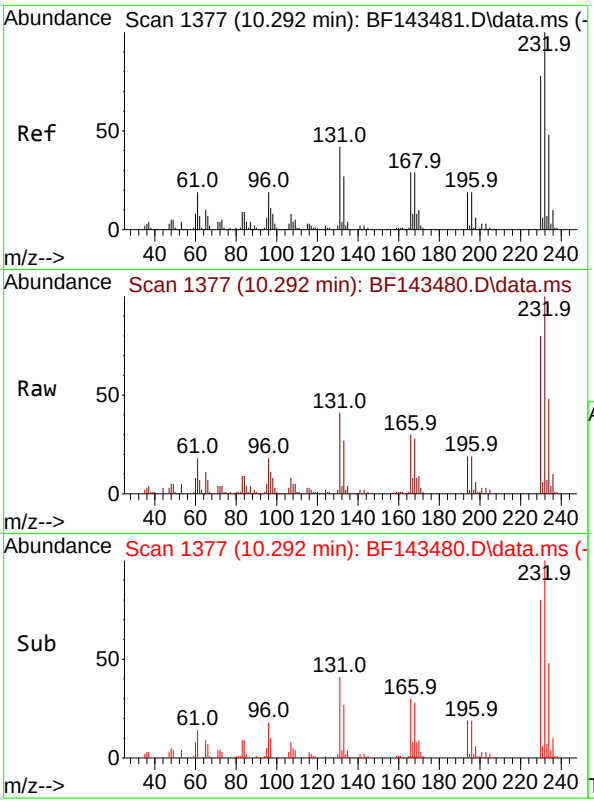


#58
Fluorene
Concen: 21.370 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



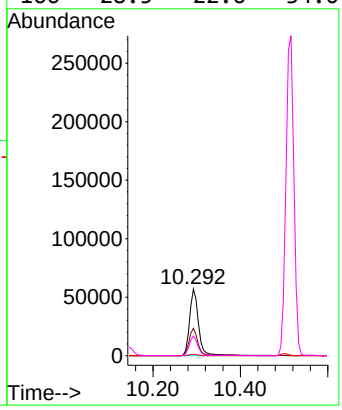


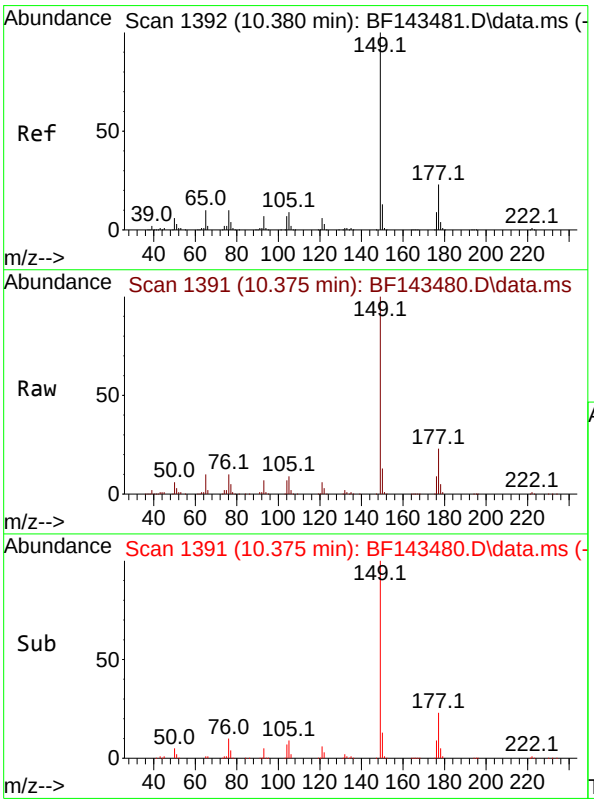
#59
2,3,4,6-Tetrachlorophenol
Concen: 20.905 ng
RT: 10.292 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

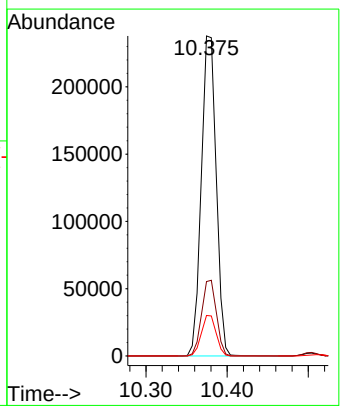


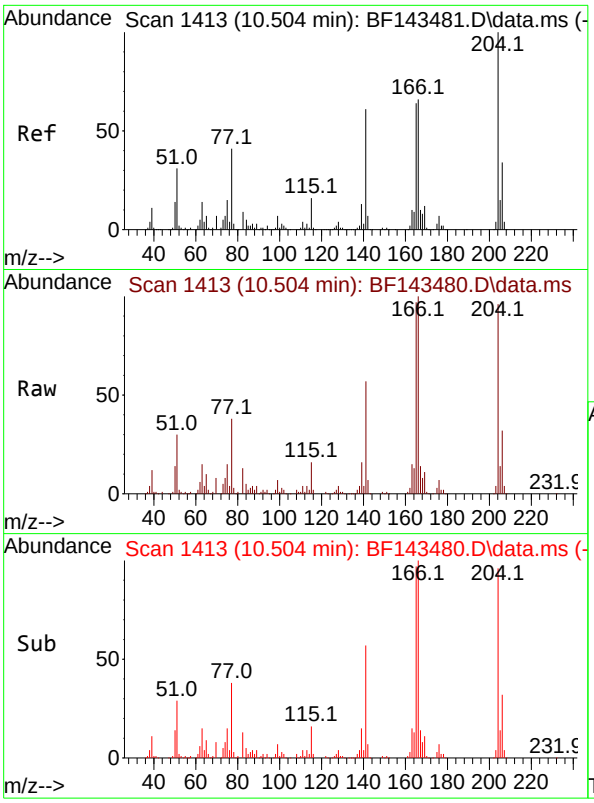


#60
Diethylphthalate
Concen: 20.558 ng
RT: 10.375 min Scan# 1391
Delta R.T. -0.012 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



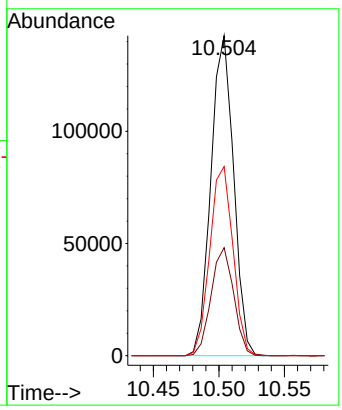


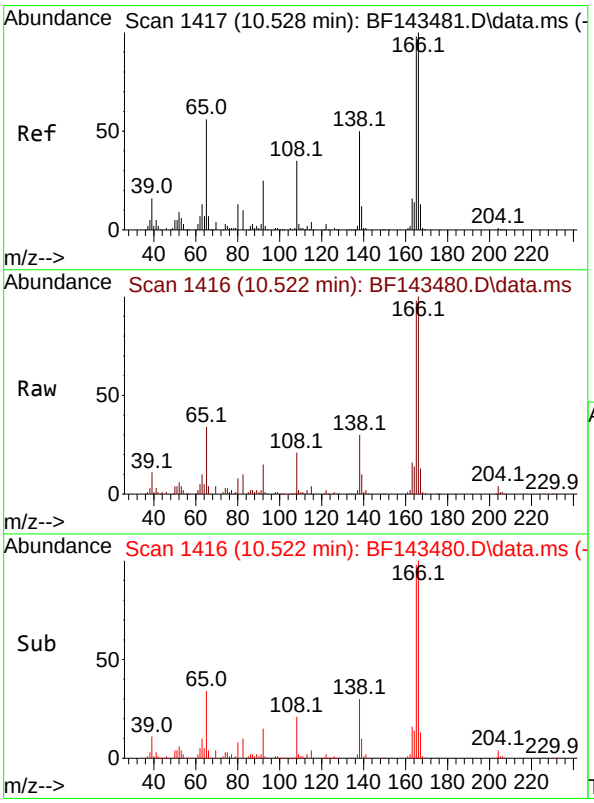
#61
4-Chlorophenyl-phenylether
Concen: 21.142 ng
RT: 10.504 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

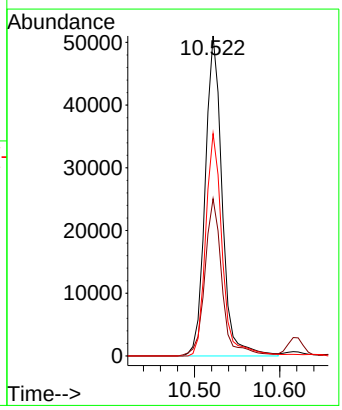


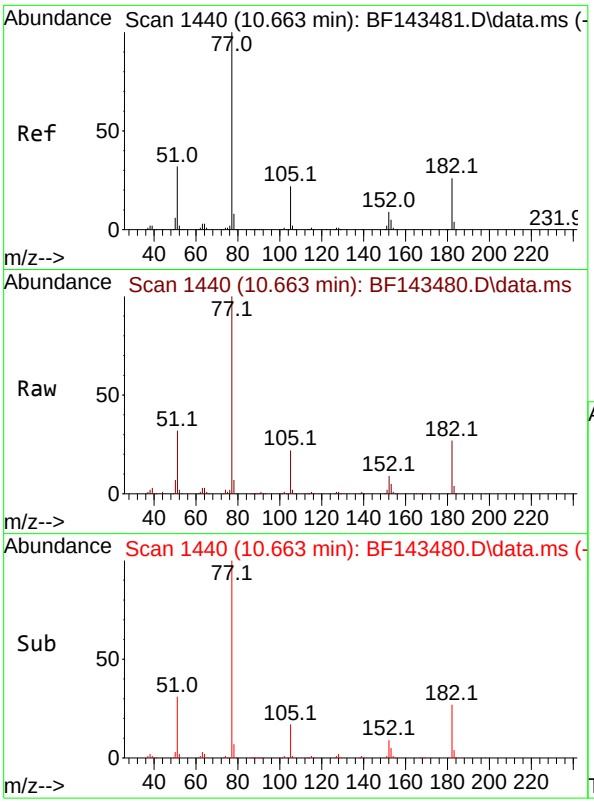


#62
4-Nitroaniline
Concen: 20.840 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.018 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



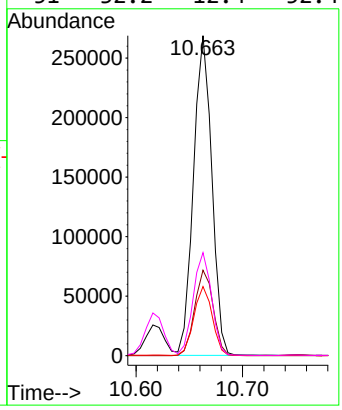


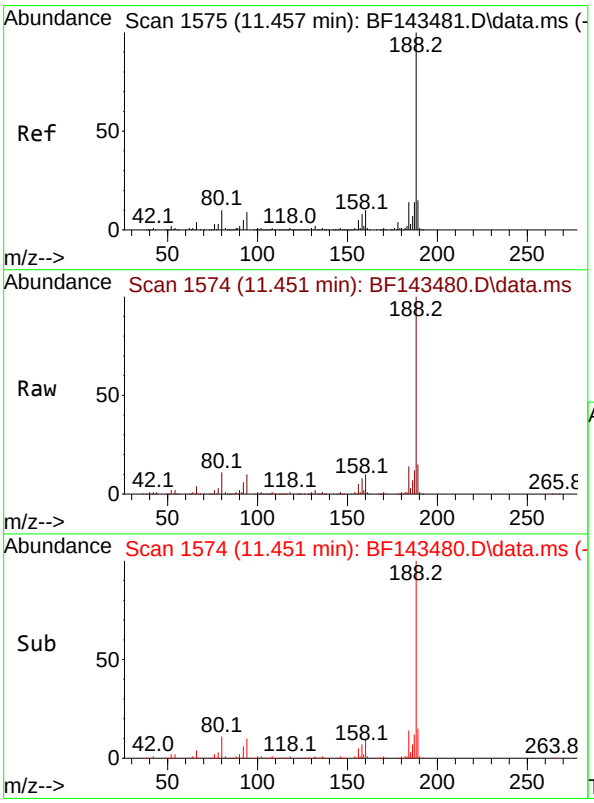
#63
Azobenzene
Concen: 21.019 ng
RT: 10.663 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

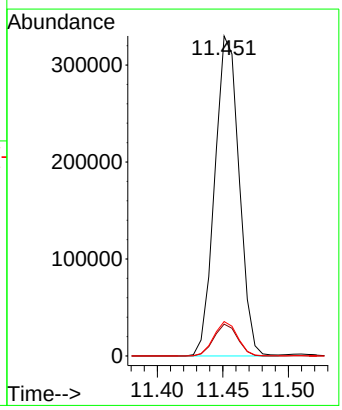


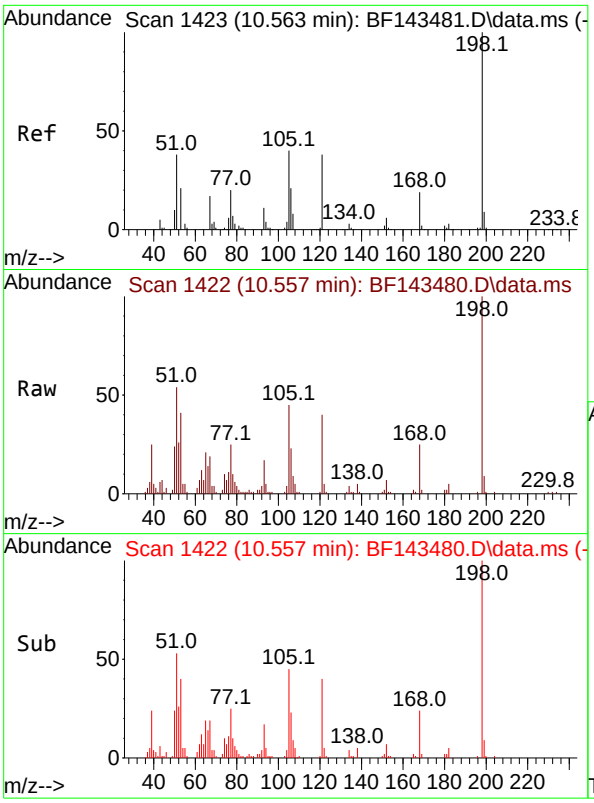


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



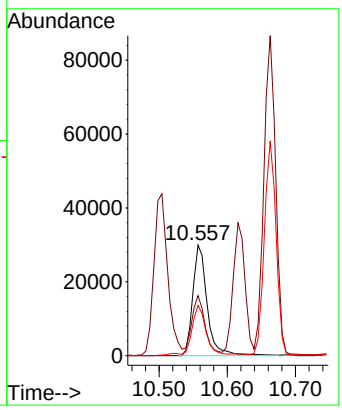


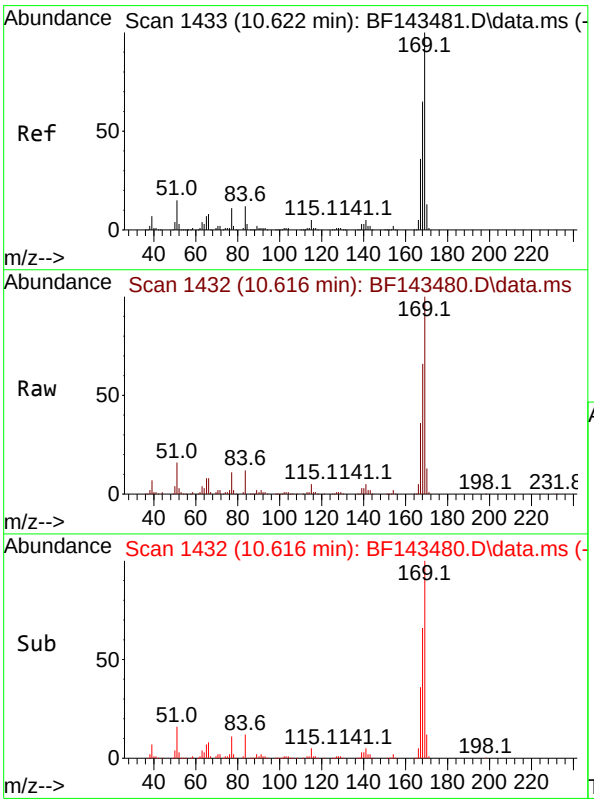
#65
4,6-Dinitro-2-methylphenol
Concen: 18.261 ng
RT: 10.557 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

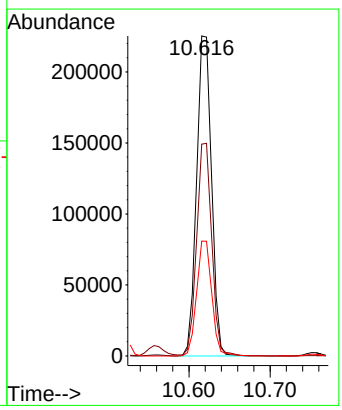


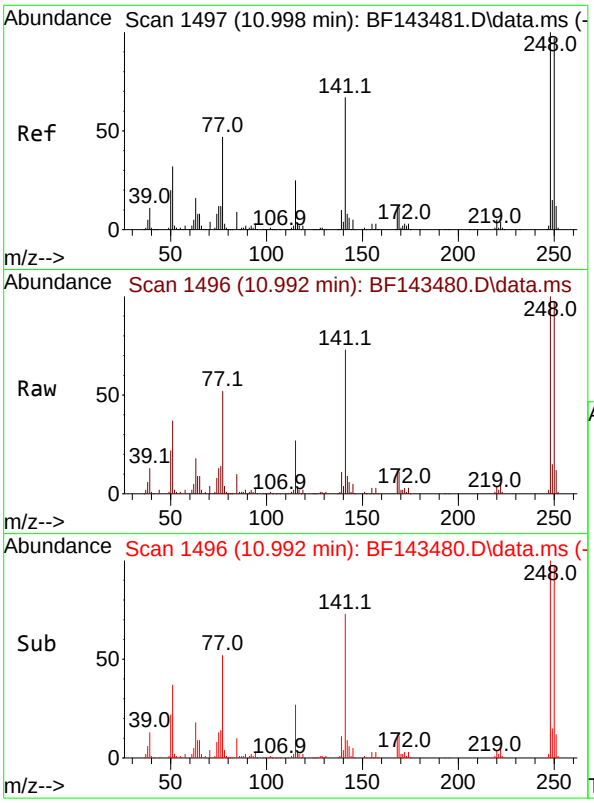


#66
n-Nitrosodiphenylamine
Concen: 21.089 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



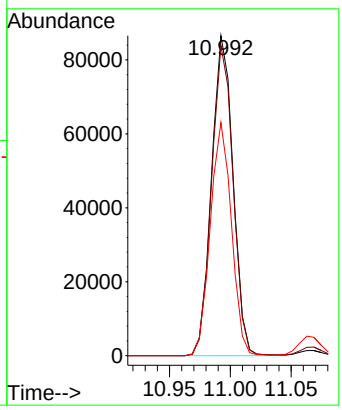


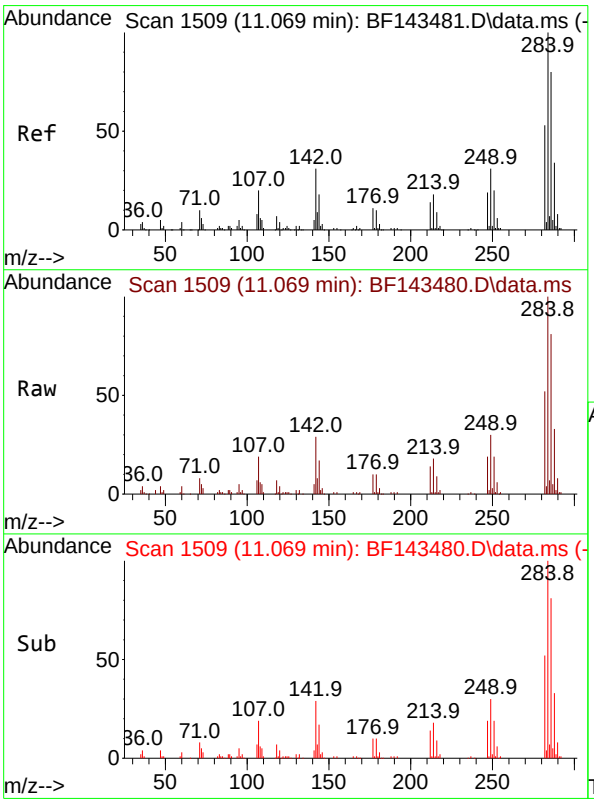
#67
4-Bromophenyl-phenylether
Concen: 20.944 ng
RT: 10.992 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

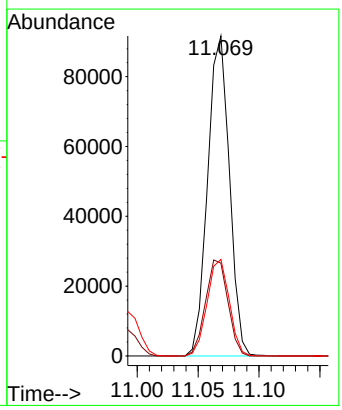


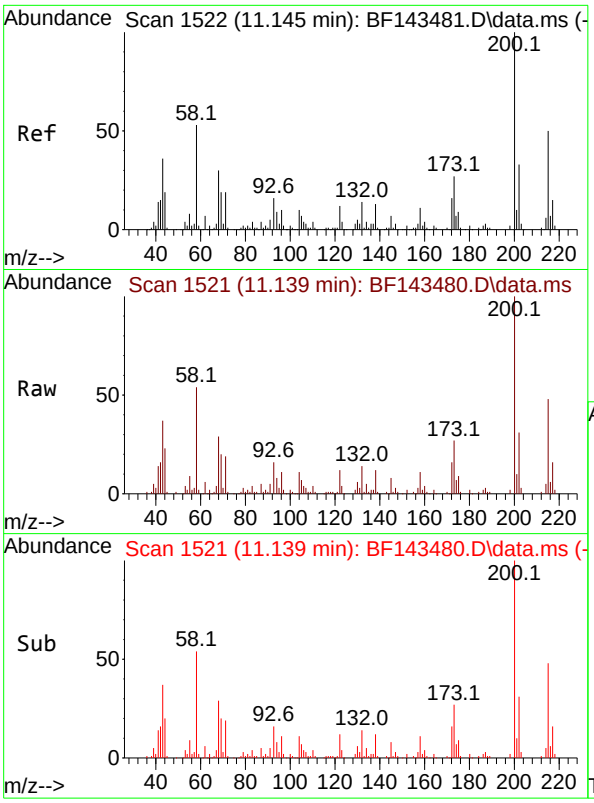


#68
Hexachlorobenzene
Concen: 20.773 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



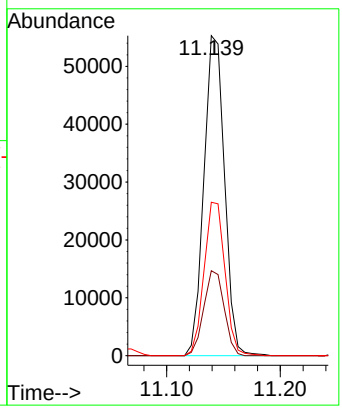


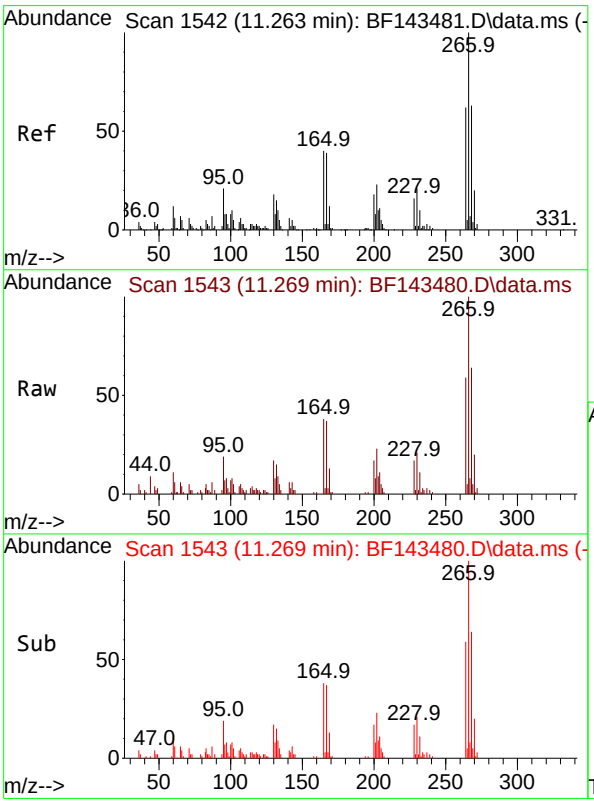
#69
Atrazine
Concen: 19.750 ng
RT: 11.139 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

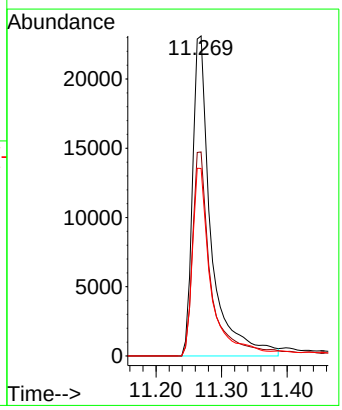


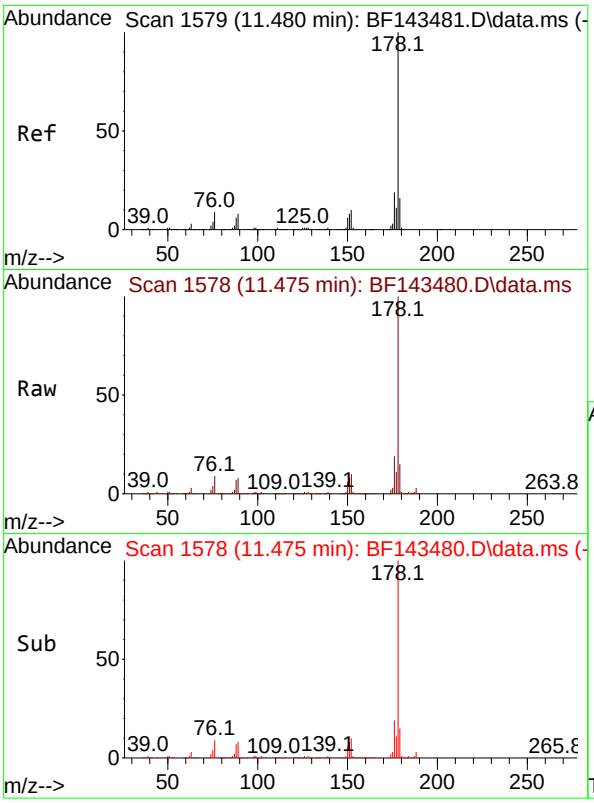


#70
Pentachlorophenol
Concen: 18.070 ng
RT: 11.269 min Scan# 1543
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



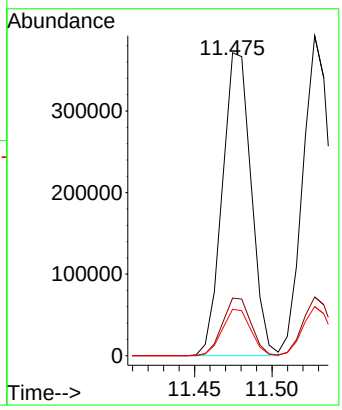


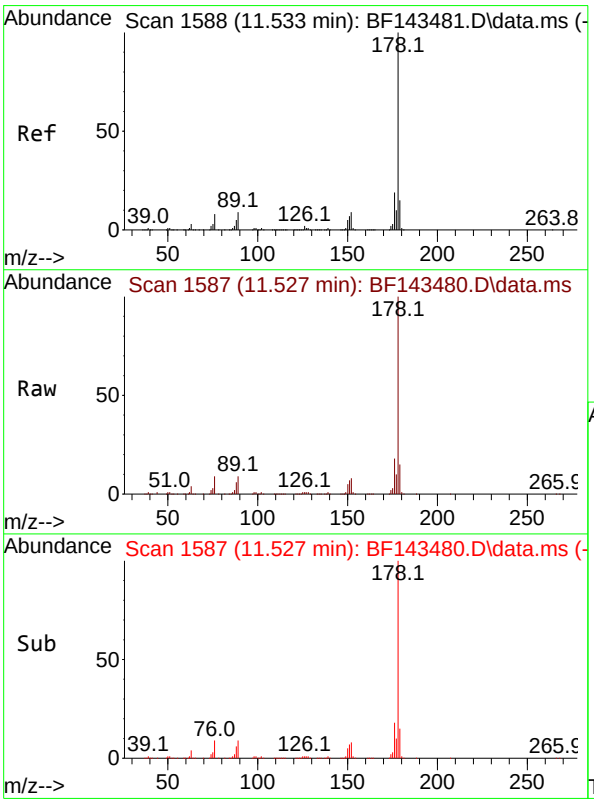
#71
Phenanthrene
Concen: 21.099 ng
RT: 11.475 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

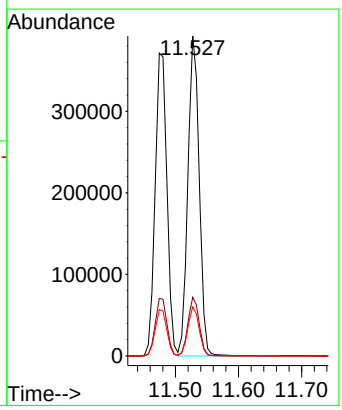


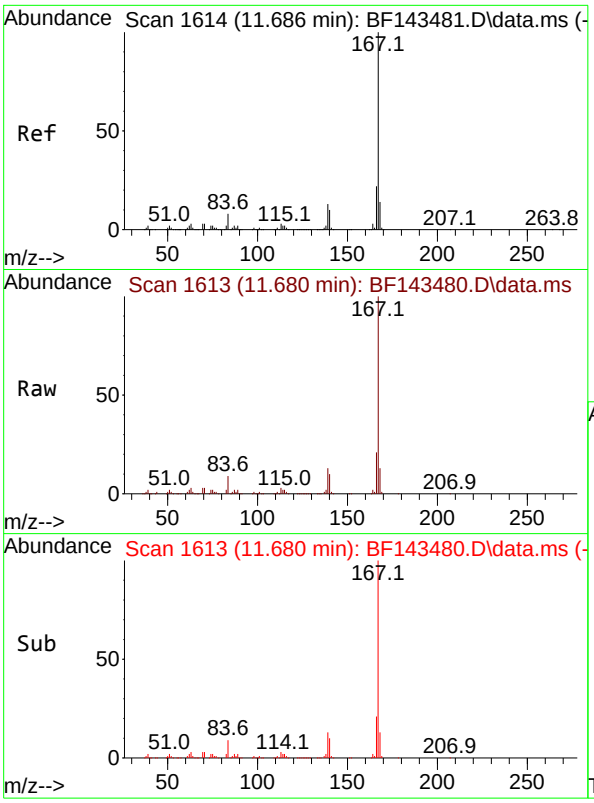


#72
Anthracene
Concen: 21.164 ng
RT: 11.527 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



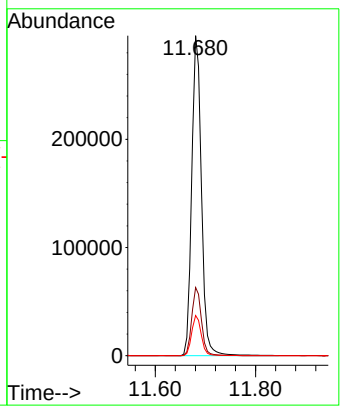


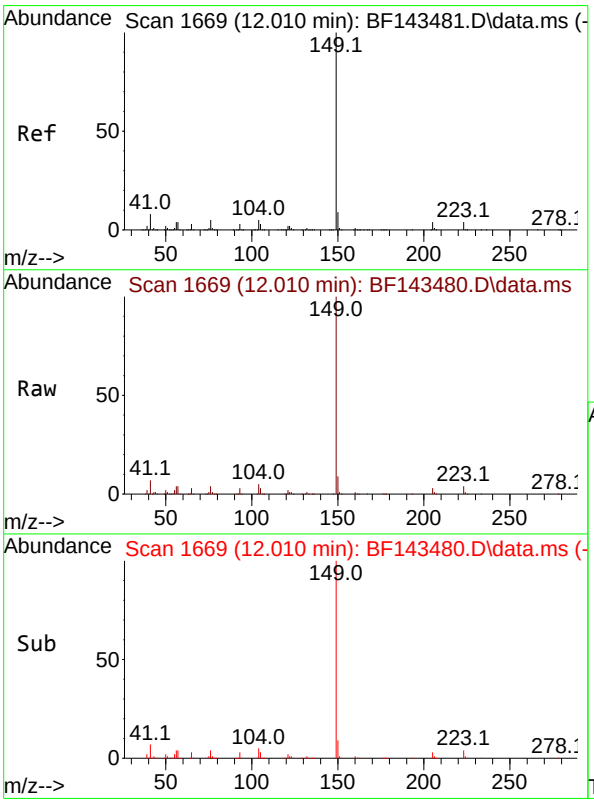
#73
Carbazole
Concen: 20.967 ng
RT: 11.680 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

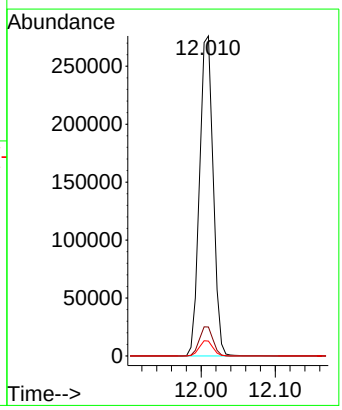


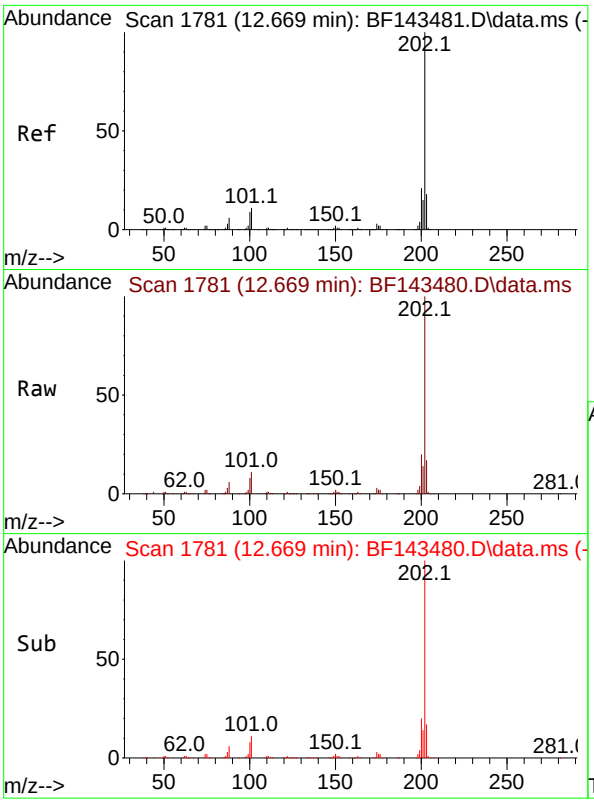


#74
Di-n-butylphthalate
Concen: 20.013 ng
RT: 12.010 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



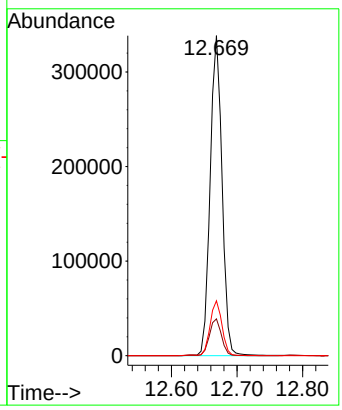


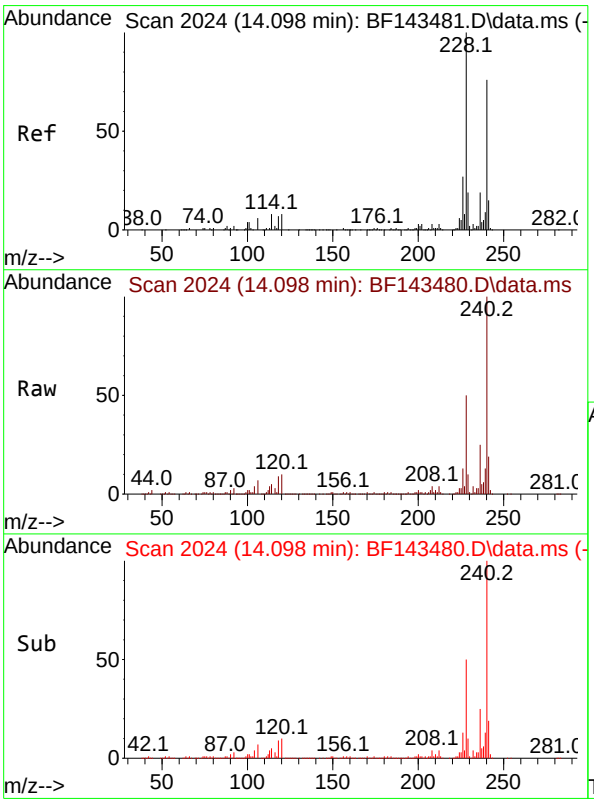
#75
Fluoranthene
Concen: 20.846 ng
RT: 12.669 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

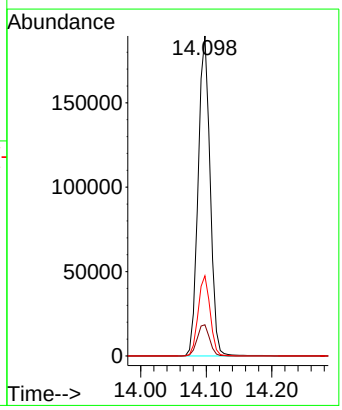


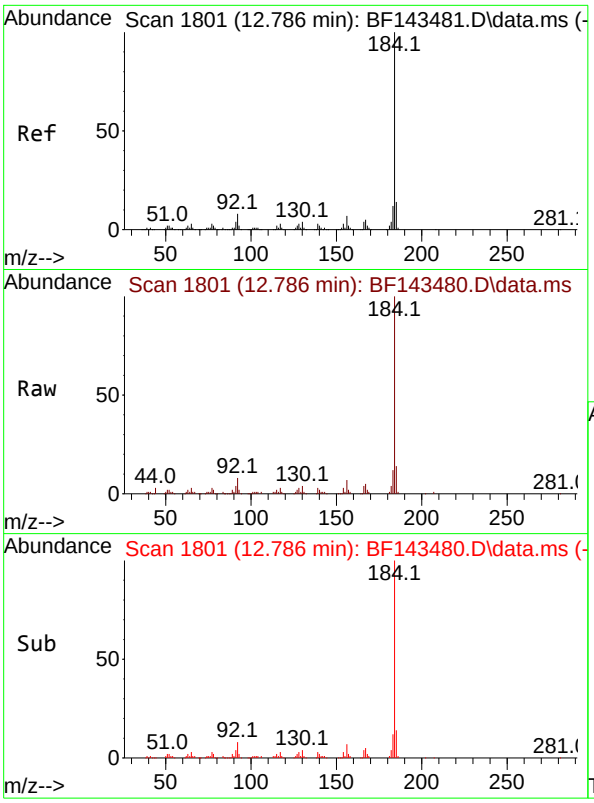


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



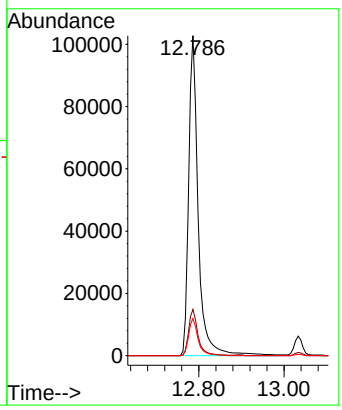


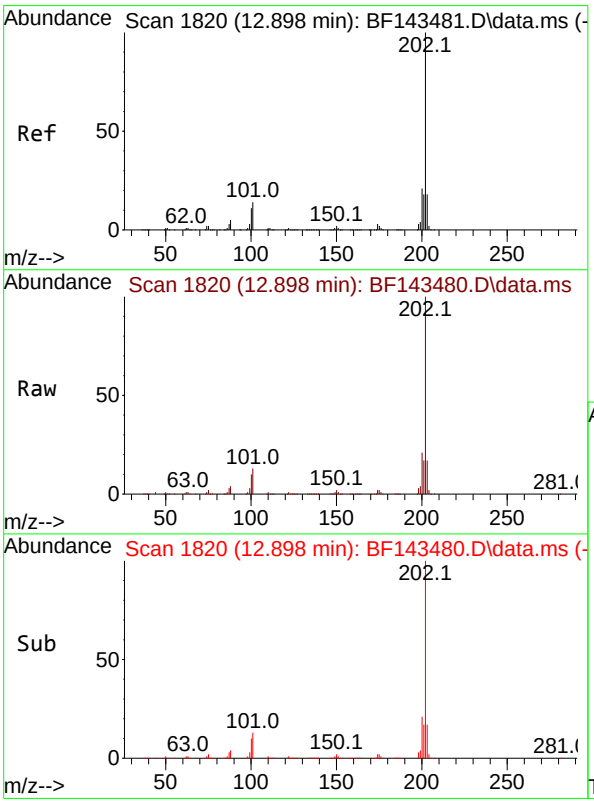
#77
Benzidine
Concen: 27.286 ng
RT: 12.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

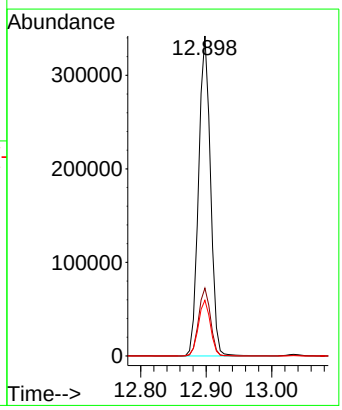


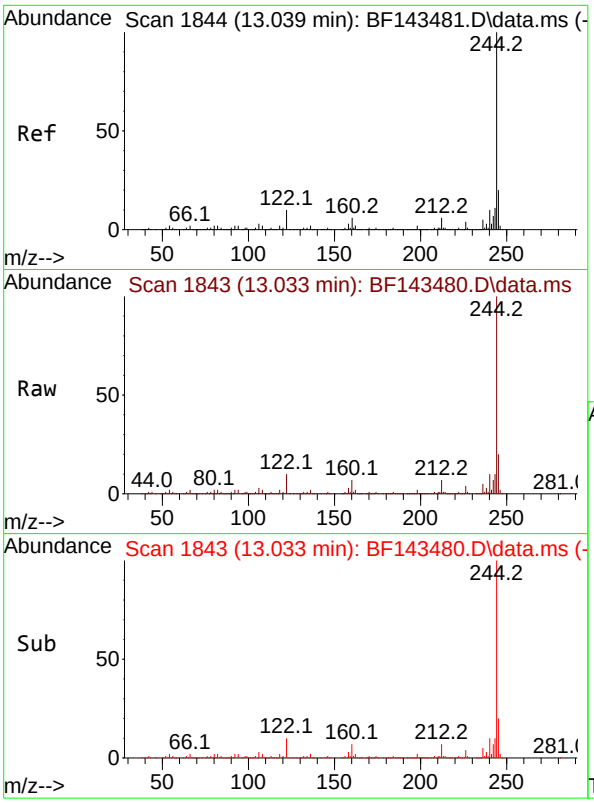


#78
Pyrene
Concen: 21.798 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



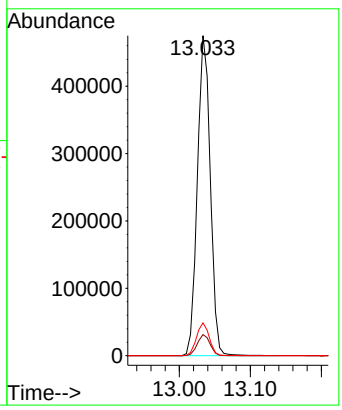


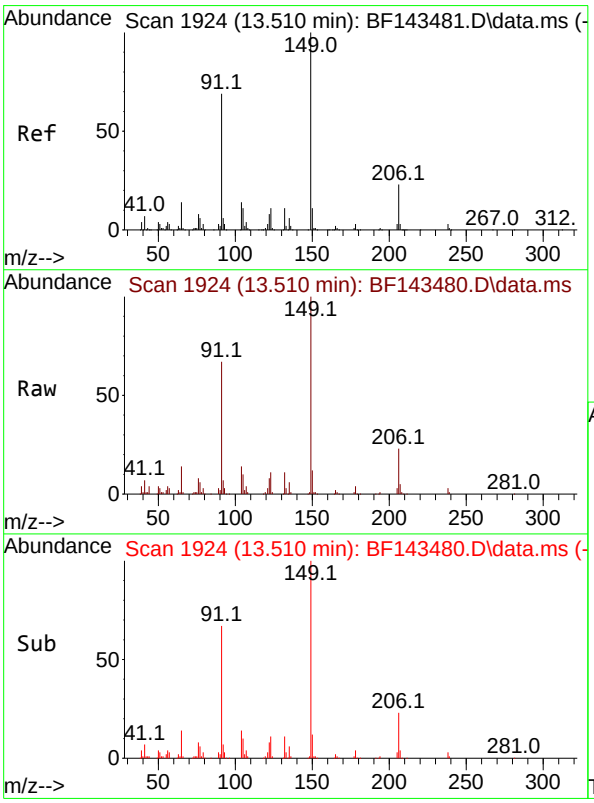
#79
Terphenyl-d14
Concen: 43.541 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

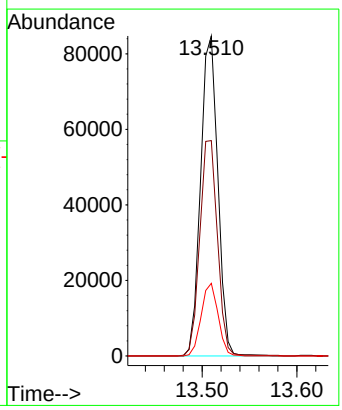


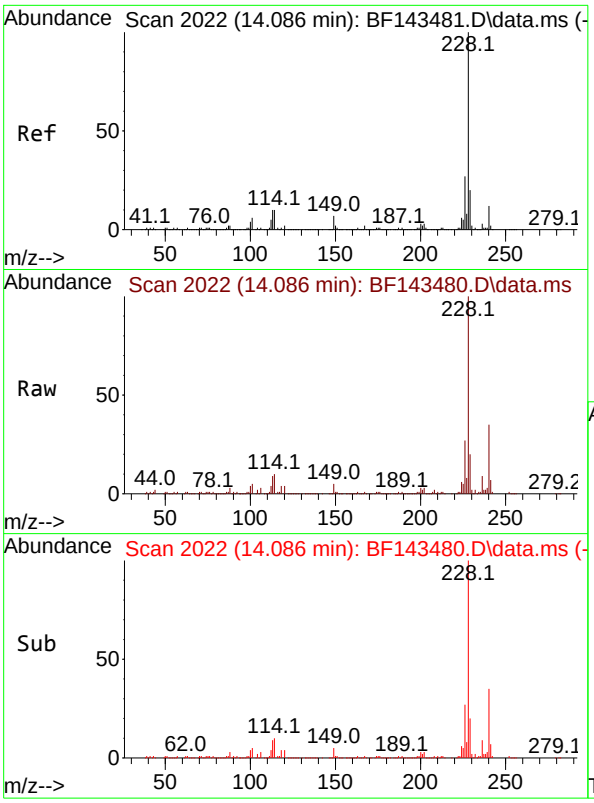


#80
Butylbenzylphthalate
Concen: 19.698 ng
RT: 13.510 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



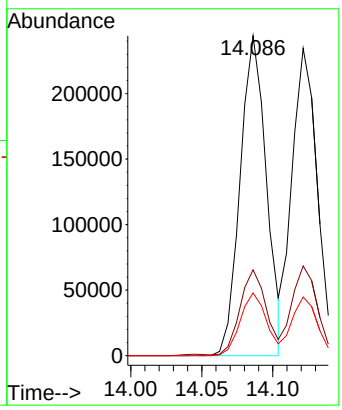


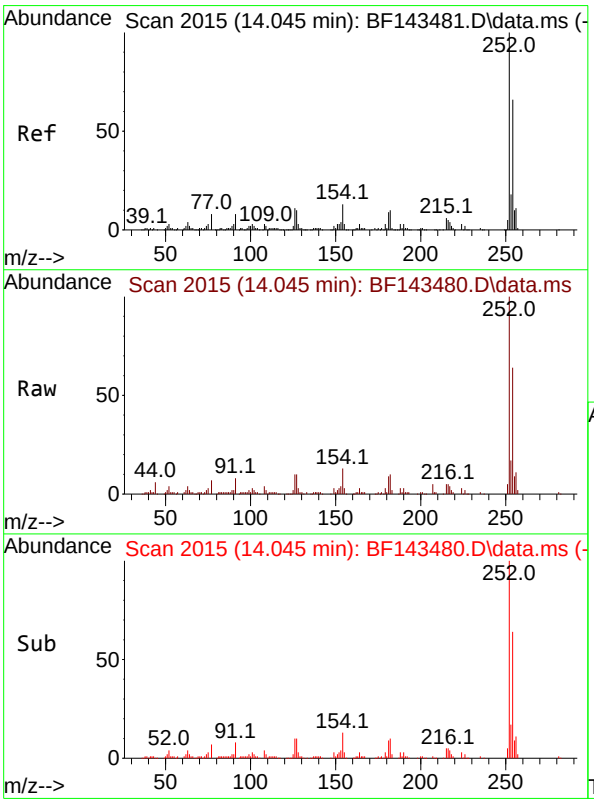
#81
Benzo(a)anthracene
Concen: 20.196 ng
RT: 14.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

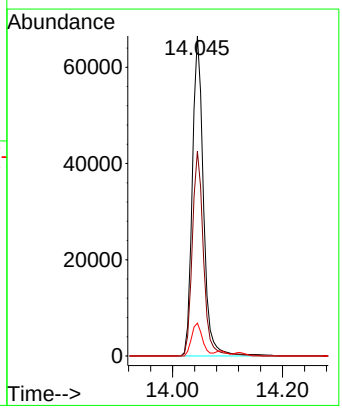


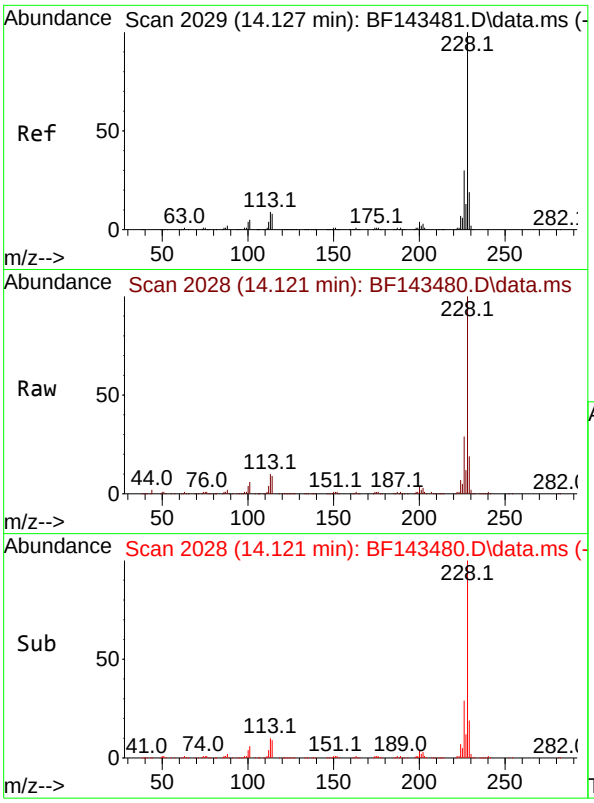


#82
3,3'-Dichlorobenzidine
Concen: 20.959 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



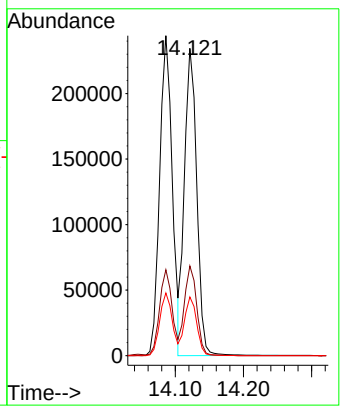


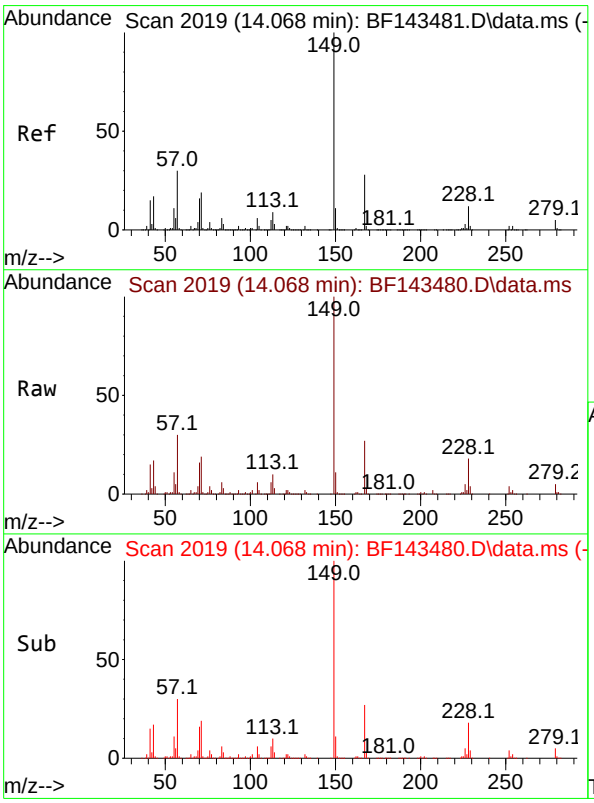
#83
Chrysene
Concen: 20.957 ng
RT: 14.121 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

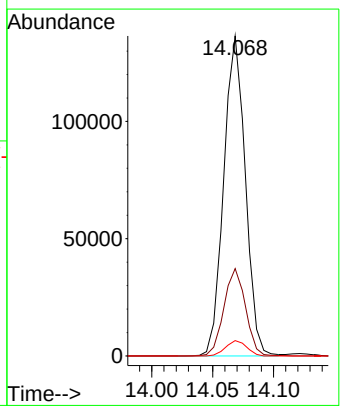


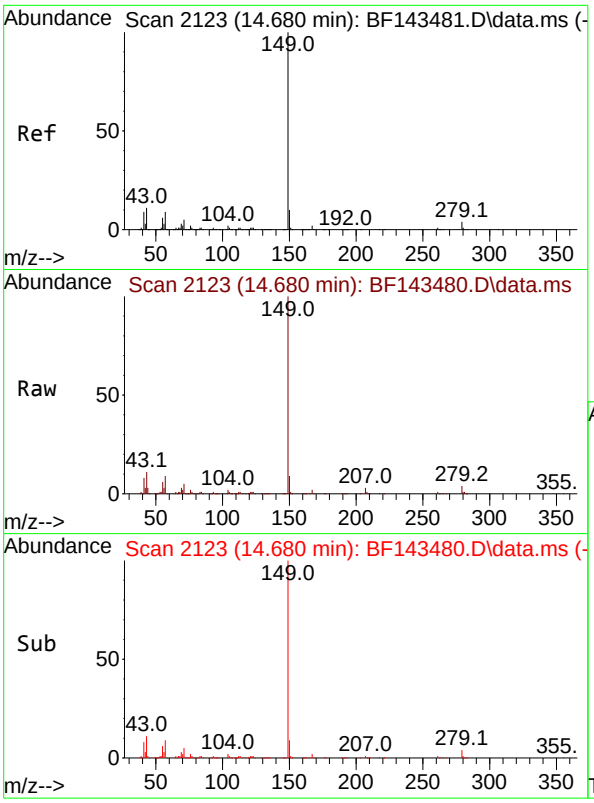


#84
Bis(2-ethylhexyl)phthalate
Concen: 20.434 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



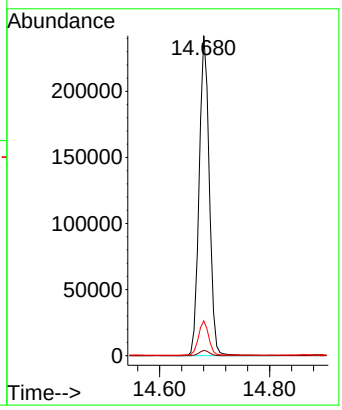


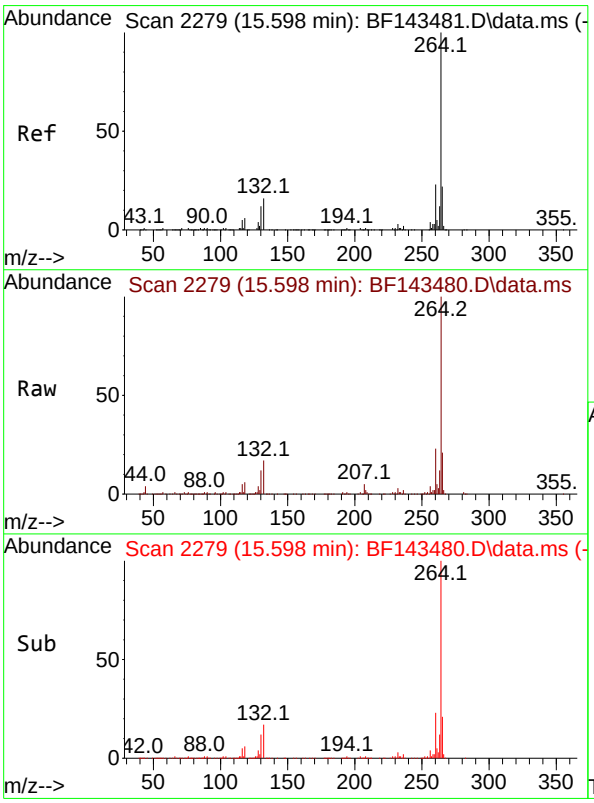
#85
Di-n-octyl phthalate
Concen: 20.329 ng
RT: 14.680 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

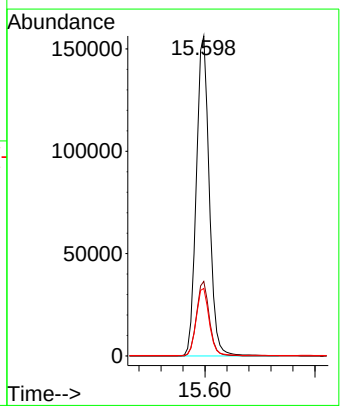


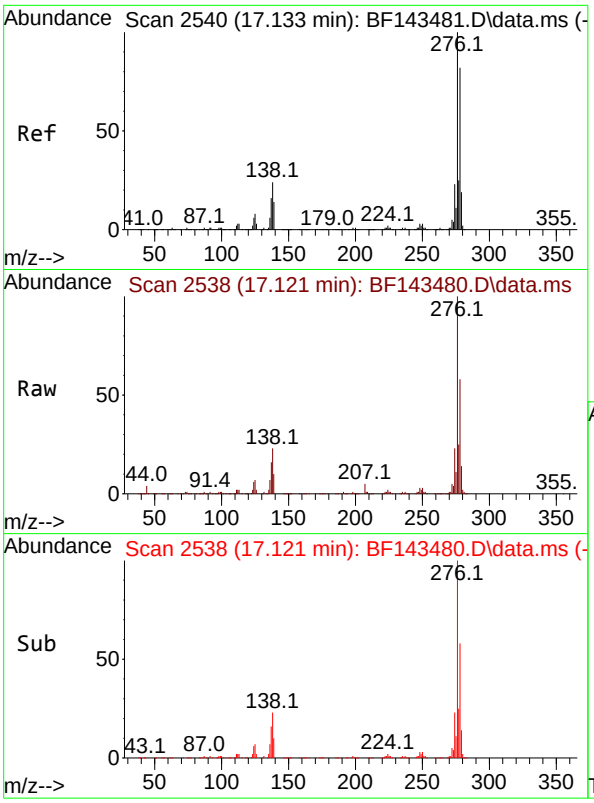


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



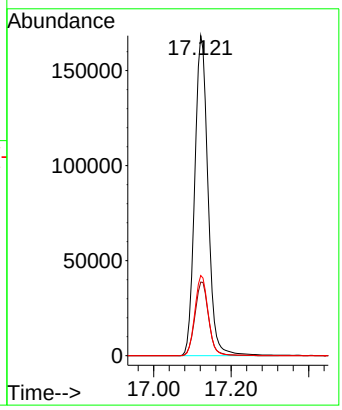


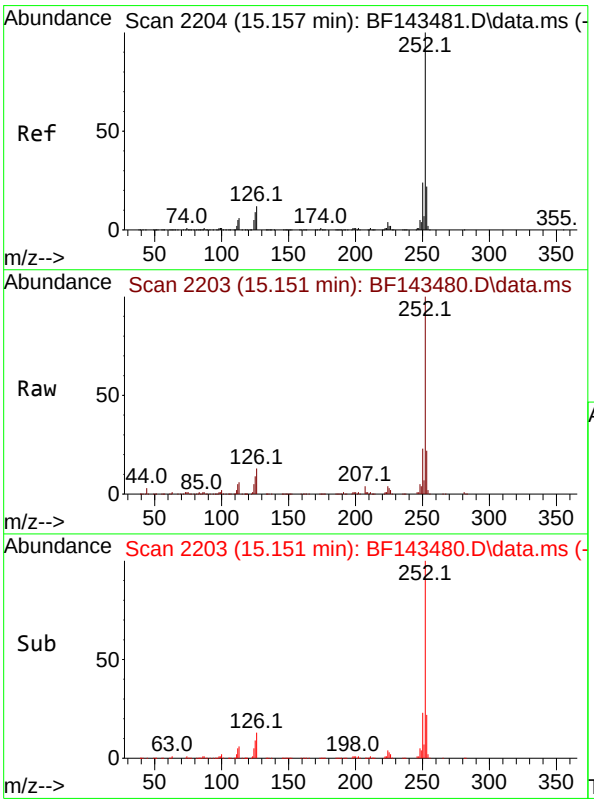
#87
Indeno(1,2,3-cd)pyrene
Concen: 21.773 ng
RT: 17.121 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

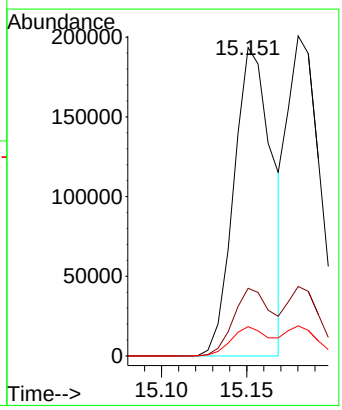


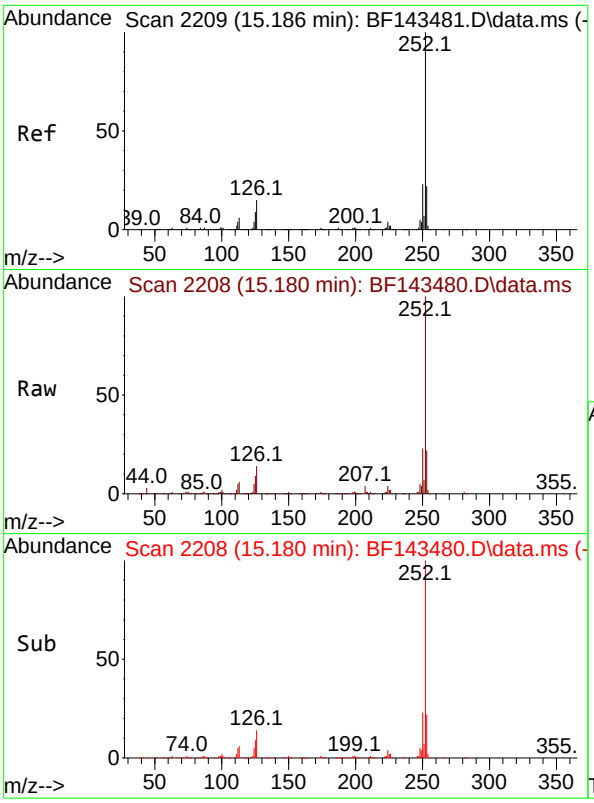


#88
Benzo(b)fluoranthene
Concen: 21.268 ng
RT: 15.151 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



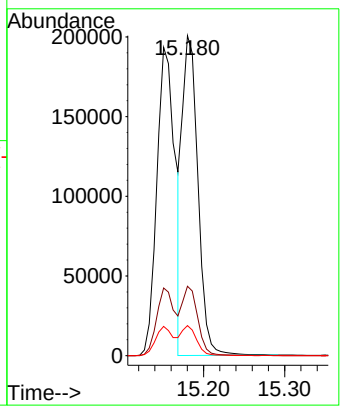


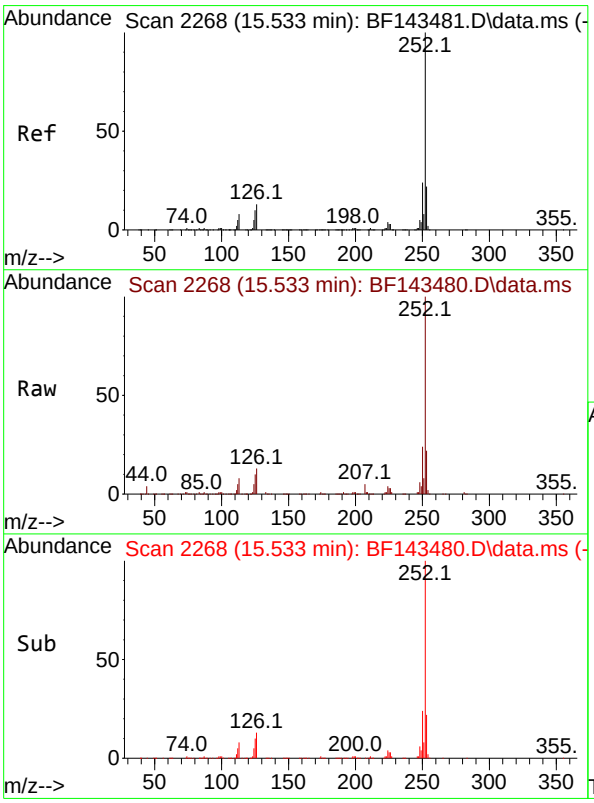
#89
Benzo(k)fluoranthene
Concen: 19.835 ng
RT: 15.180 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

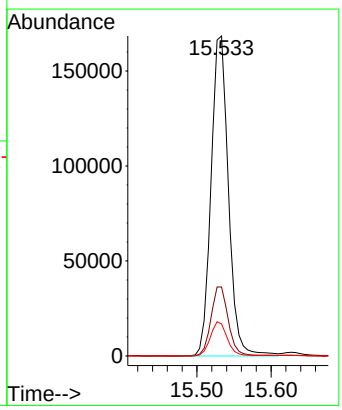


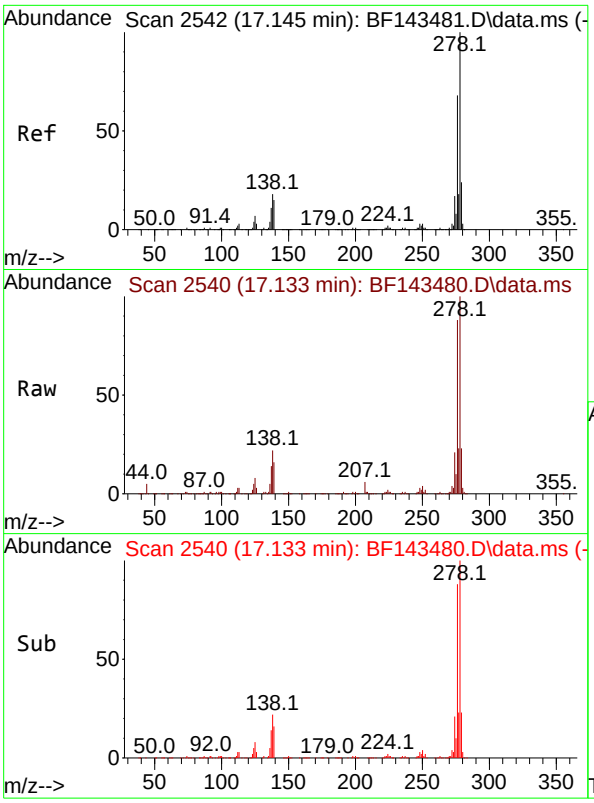


#90
Benzo(a)pyrene
Concen: 20.819 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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



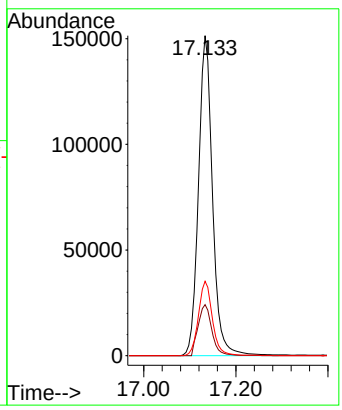


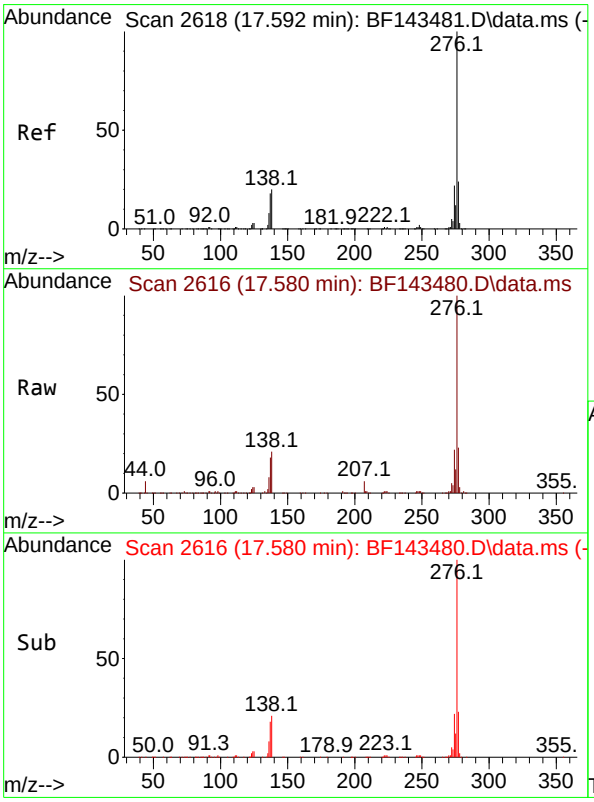
#91
Dibenzo(a,h)anthracene
Concen: 21.891 ng
RT: 17.133 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

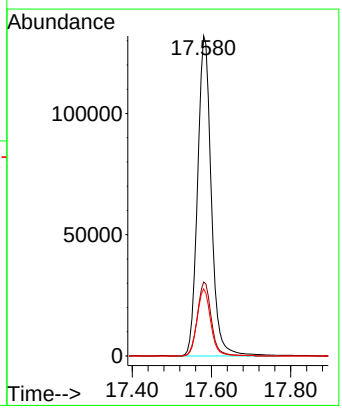




#92
Benzo(g,h,i)perylene
Concen: 21.701 ng
RT: 17.580 min Scan# 2616
Delta R.T. -0.024 min
Lab File: BF143480.D
Acq: 20 Aug 2025 12:23

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

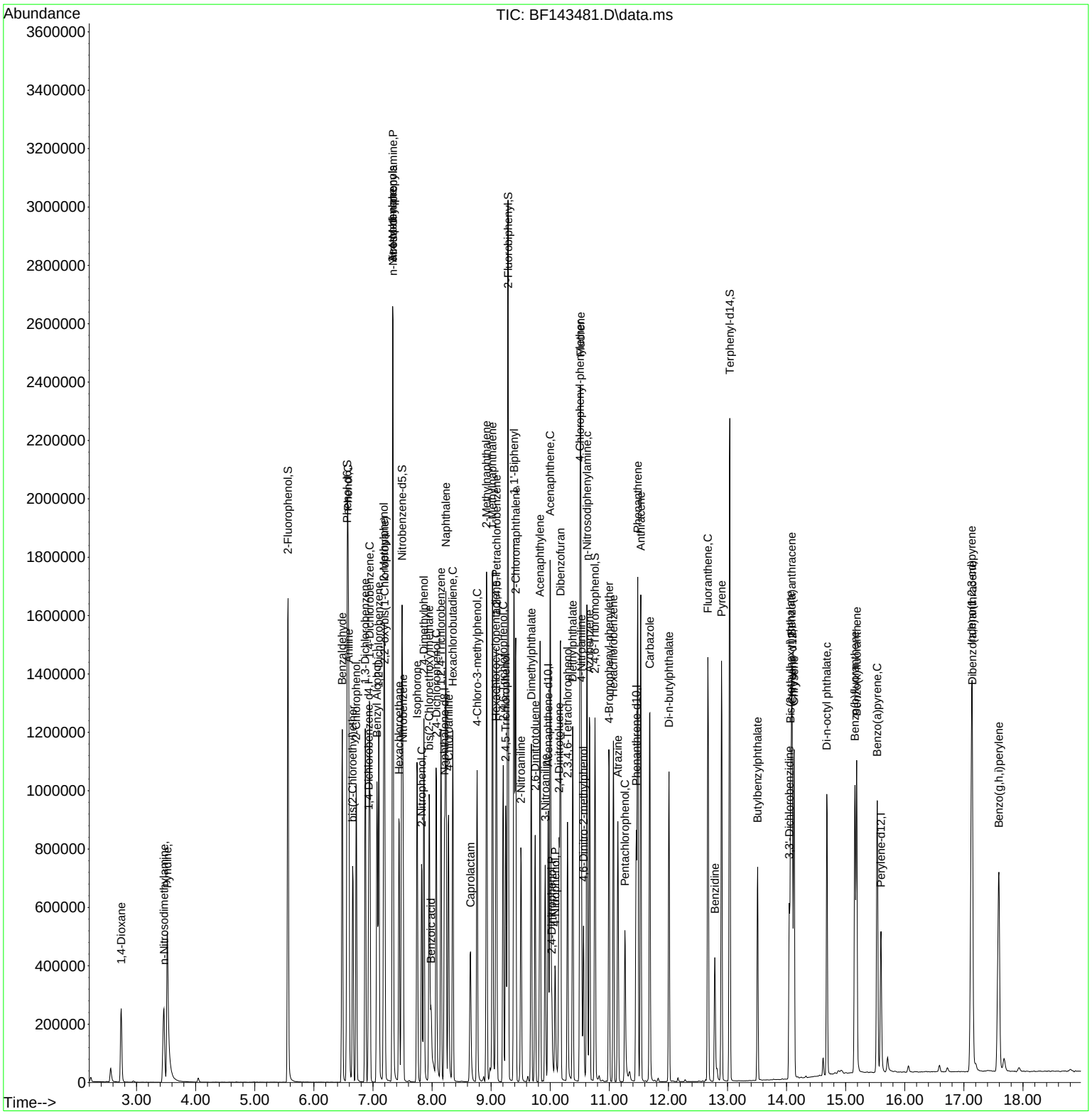
(#) = qualifier out of range (m) = manual integration (+) = signals summed

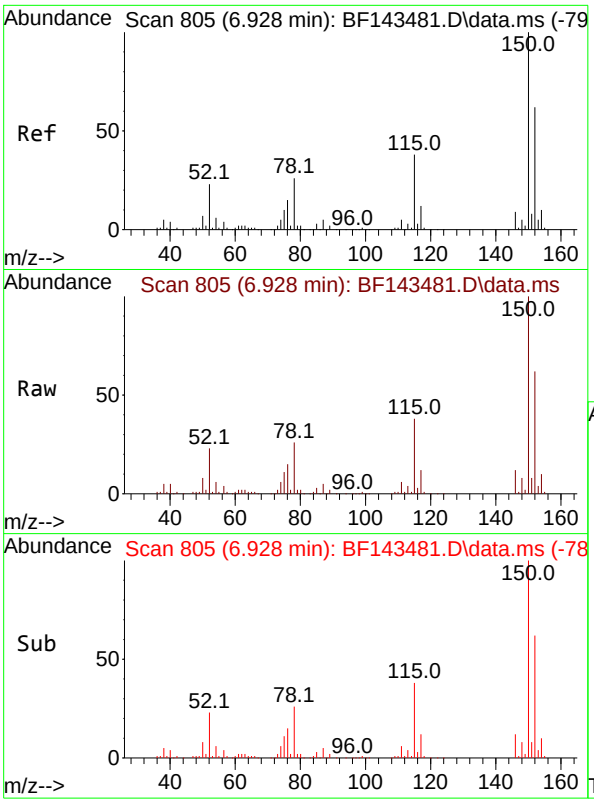
ICAL Form

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



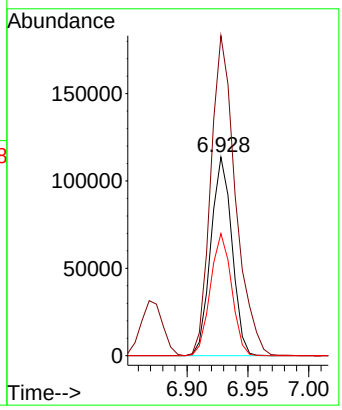


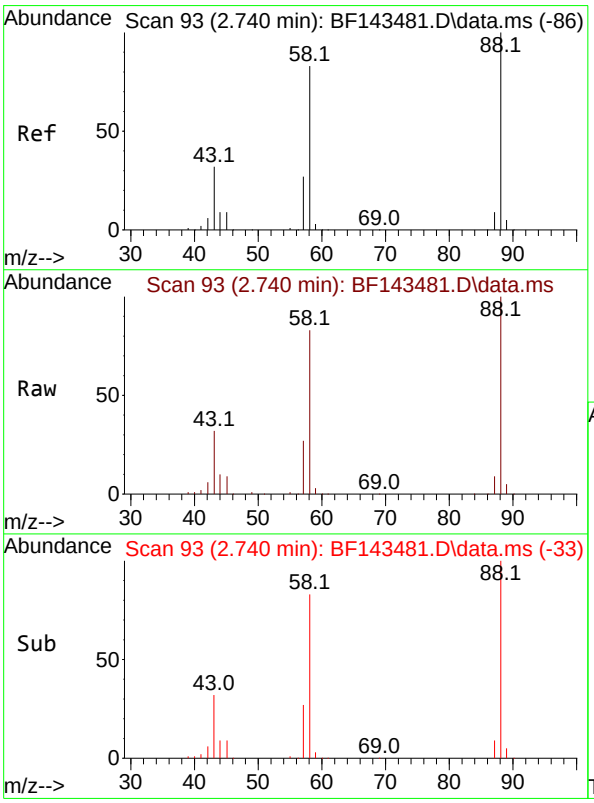
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

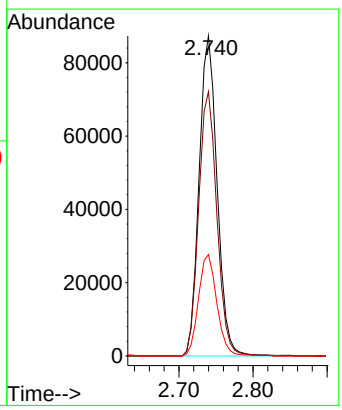


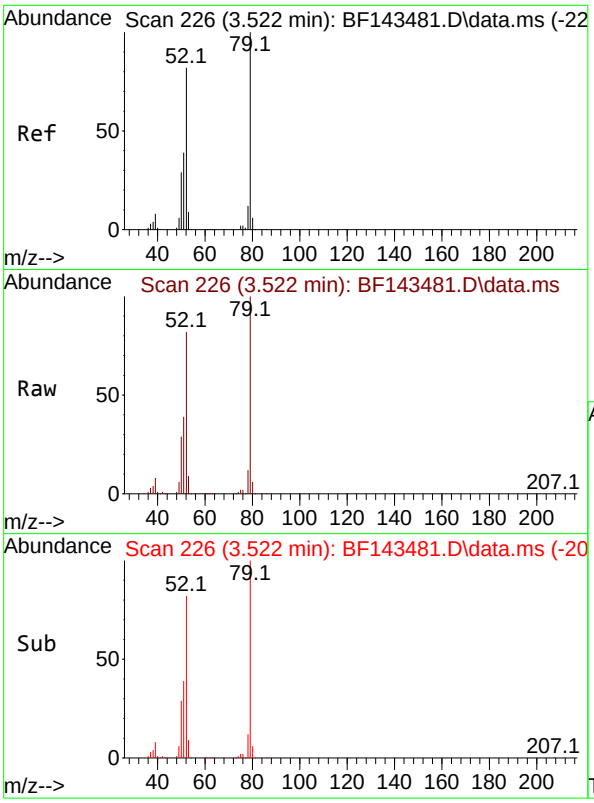


#2
1,4-Dioxane
Concen: 40.387 ng
RT: 2.740 min Scan# 93
Delta R.T. 0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



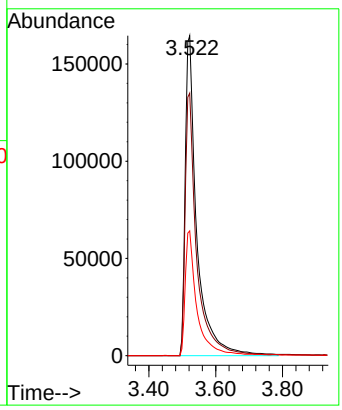


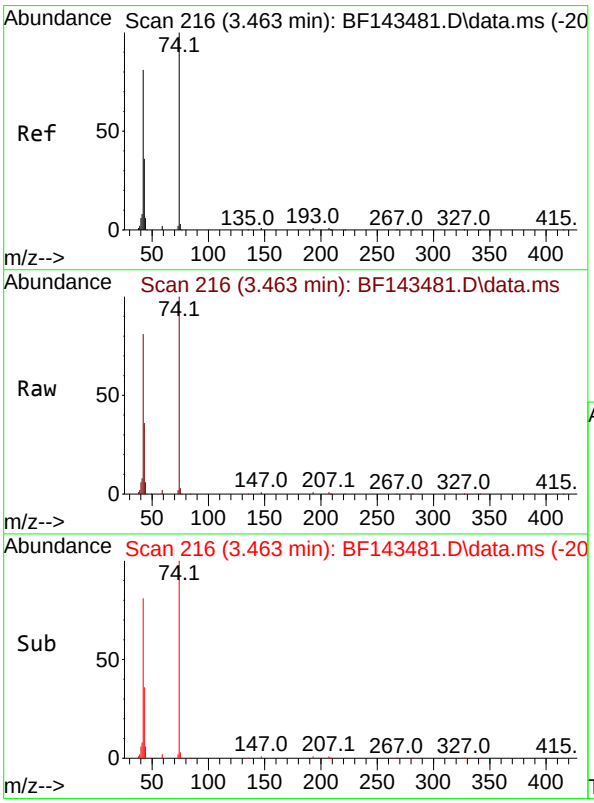
#3
Pyridine
Concen: 40.700 ng
RT: 3.522 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

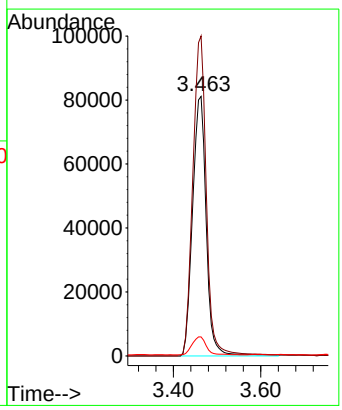


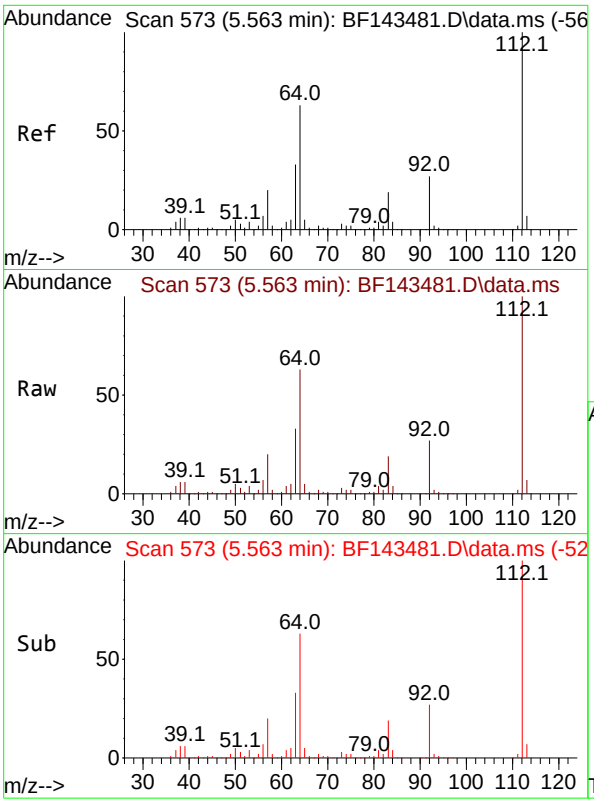


#4
n-Nitrosodimethylamine
Concen: 40.383 ng
RT: 3.463 min Scan# 216
Delta R.T. -0.012 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



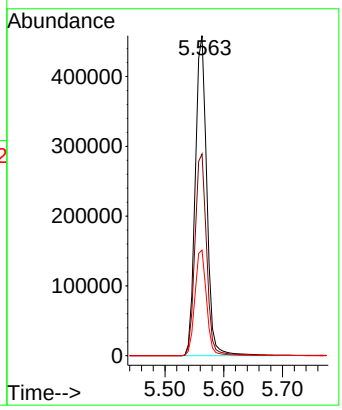


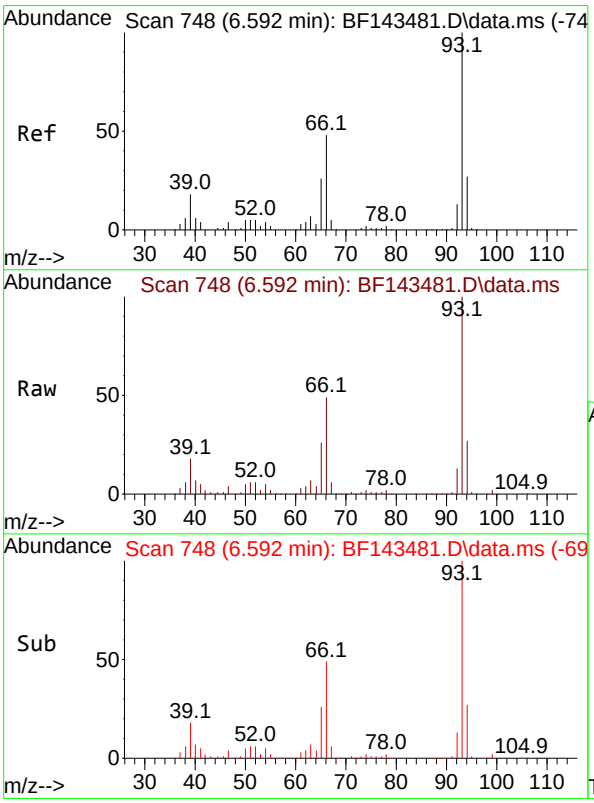
#5
2-Fluorophenol
Concen: 79.519 ng
RT: 5.563 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

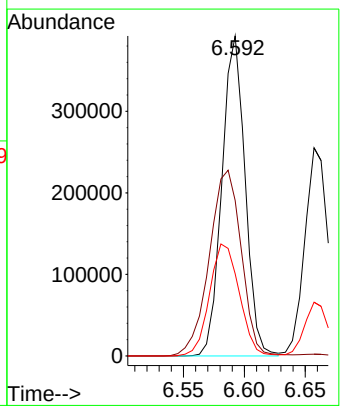


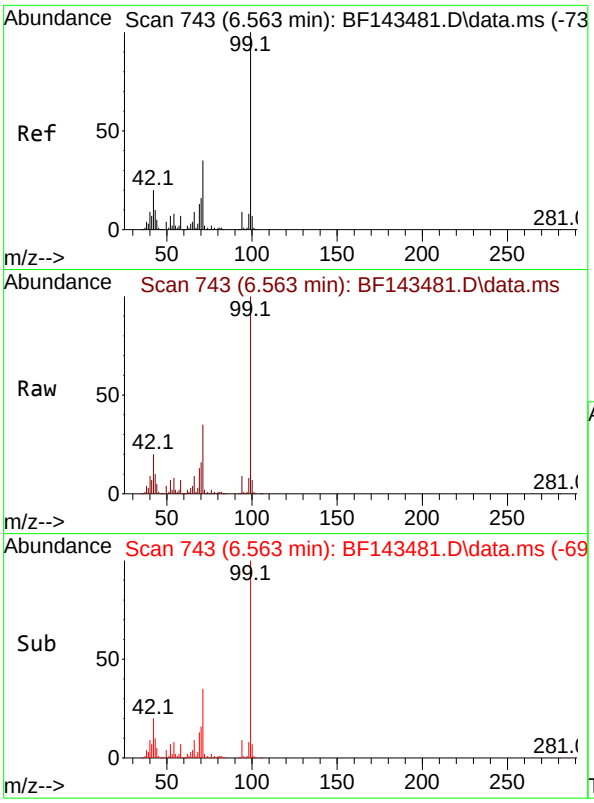


#6
Aniline
Concen: 40.010 ng
RT: 6.592 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



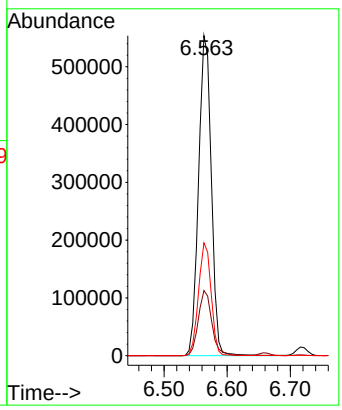


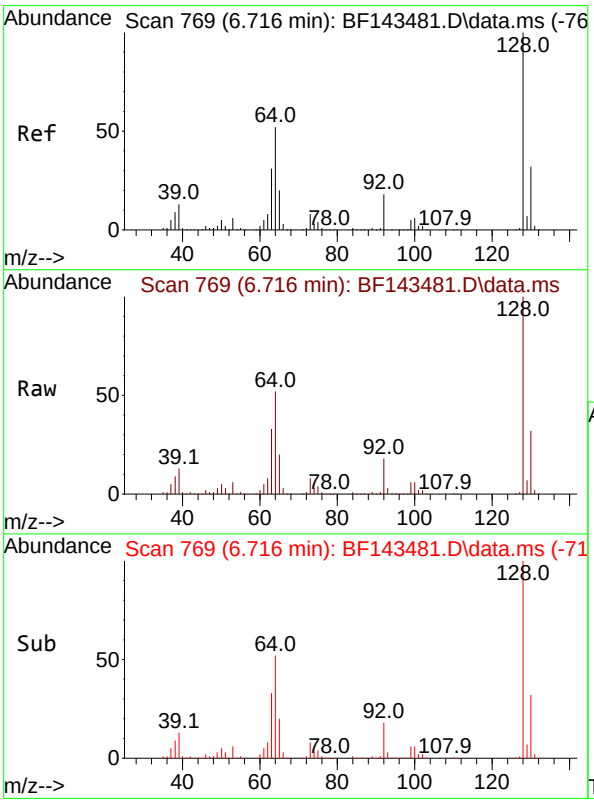
#7
Phenol-d6
Concen: 79.600 ng
RT: 6.563 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

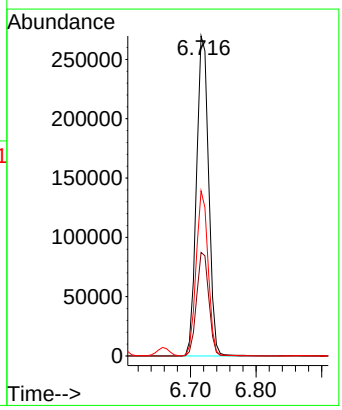


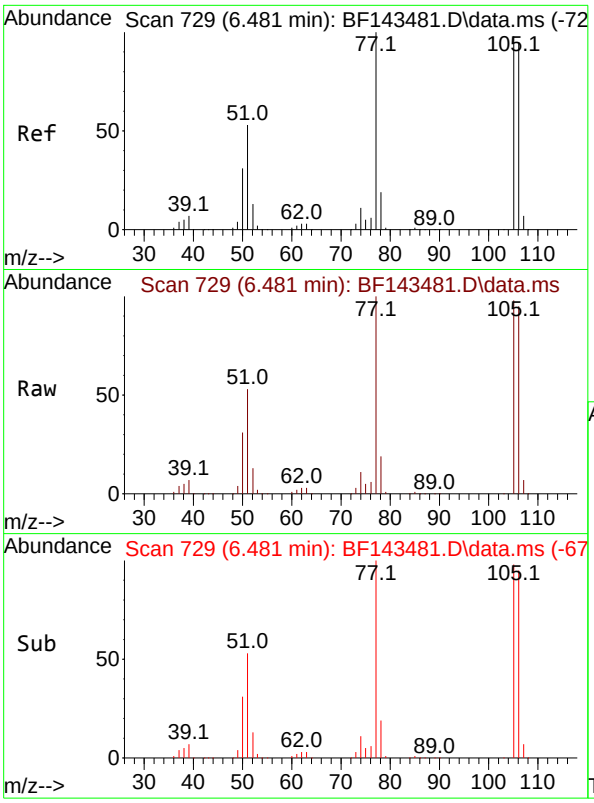


#8
2-Chlorophenol
Concen: 40.086 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



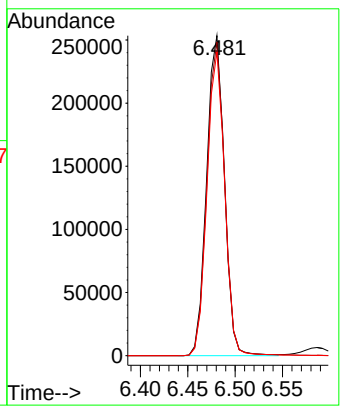


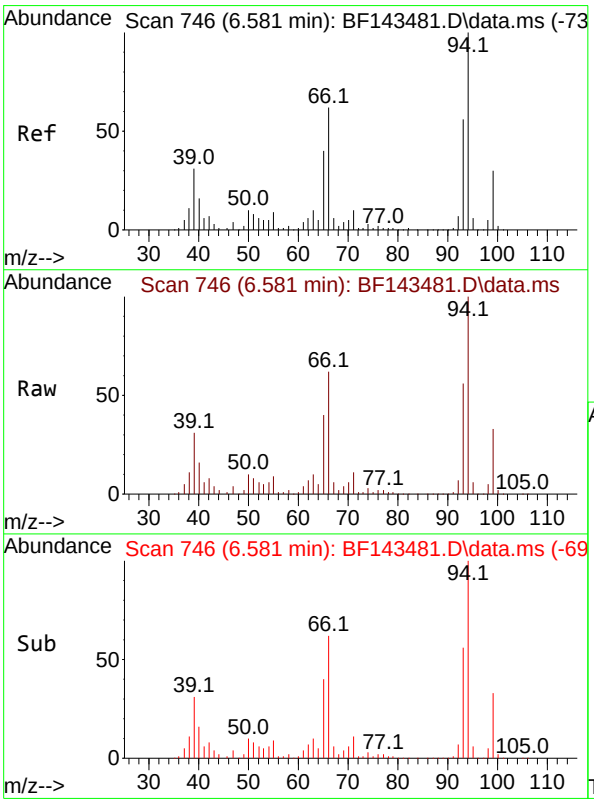
#9
Benzaldehyde
Concen: 41.929 ng
RT: 6.481 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

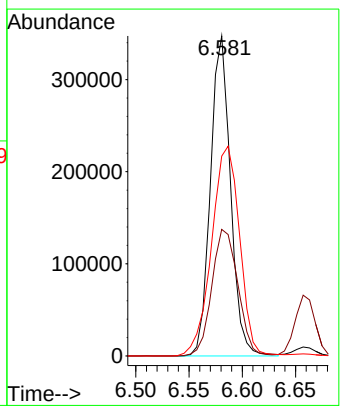


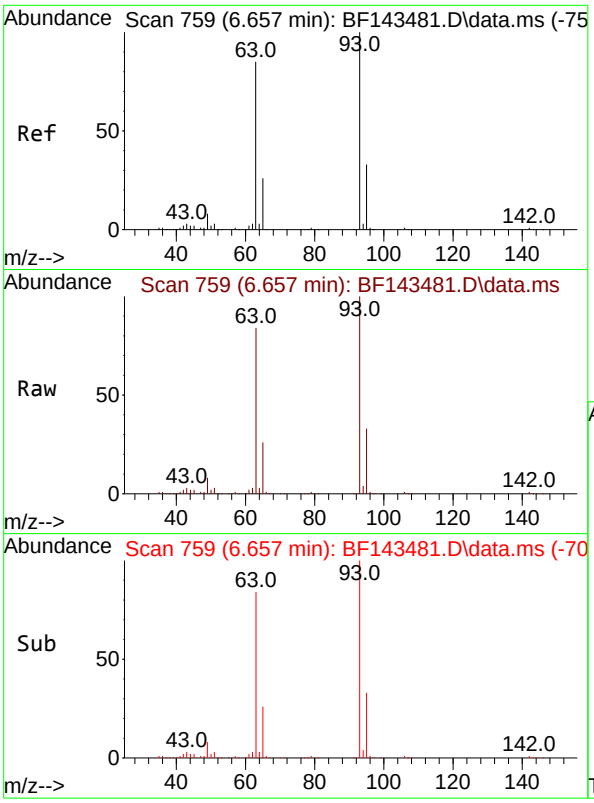


#10
Phenol
Concen: 40.419 ng
RT: 6.581 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



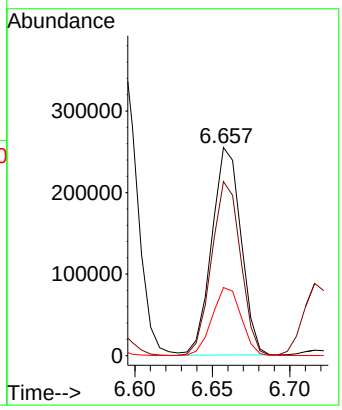


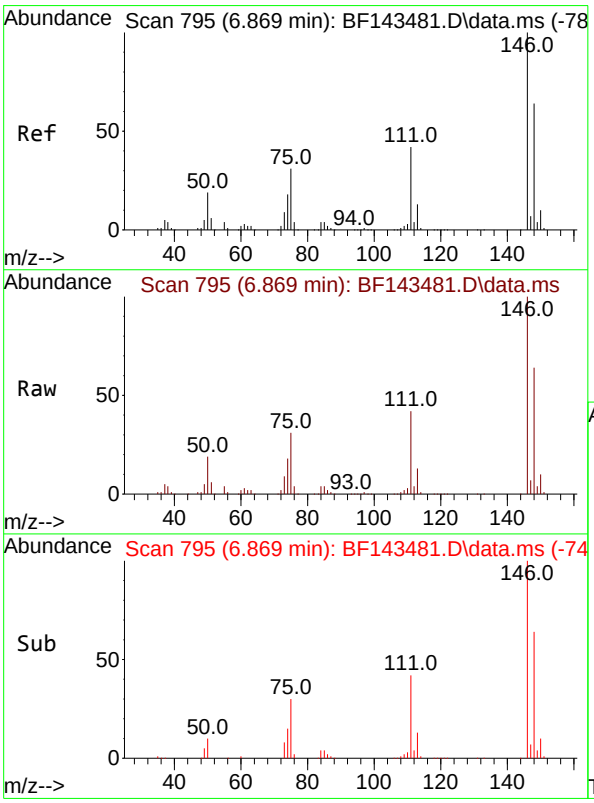
#11
bis(2-Chloroethyl)ether
Concen: 39.862 ng
RT: 6.657 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

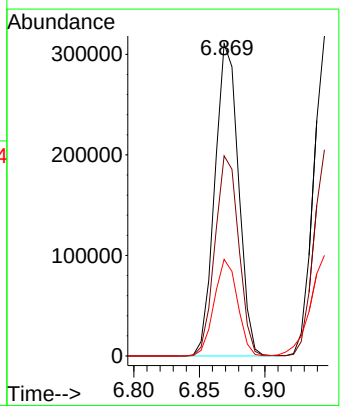


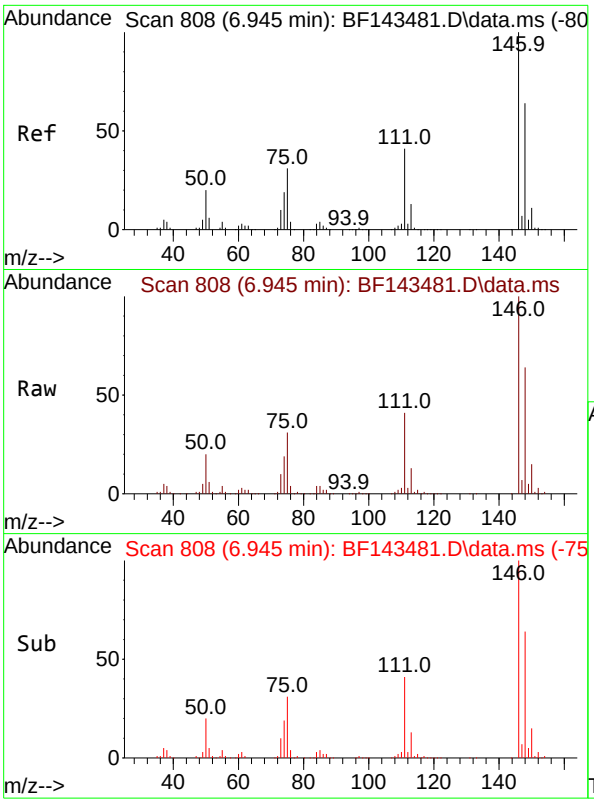


#12
1,3-Dichlorobenzene
Concen: 39.778 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



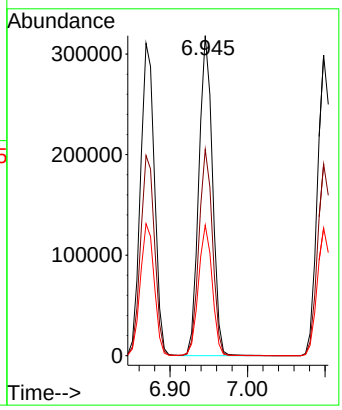


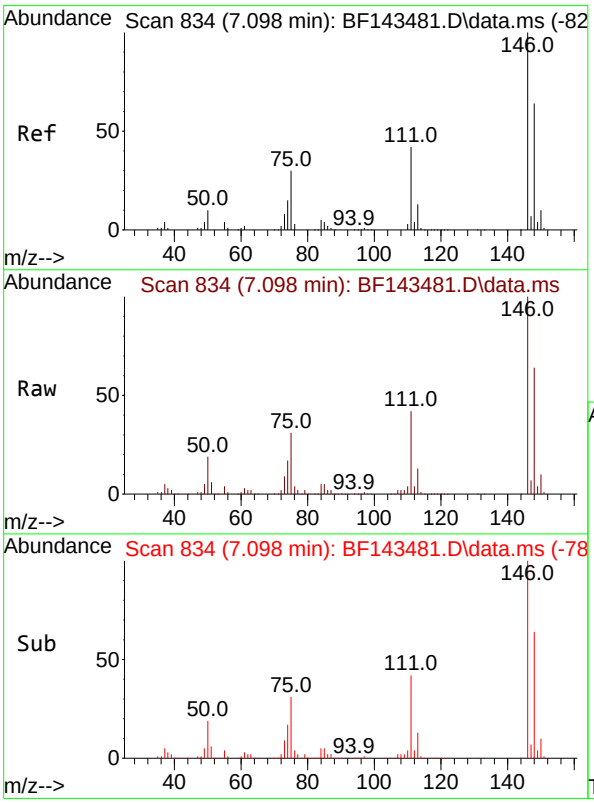
#13
1,4-Dichlorobenzene
Concen: 39.581 ng
RT: 6.945 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

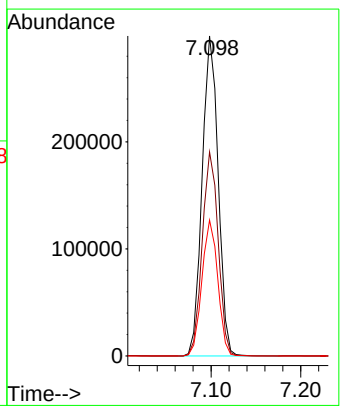


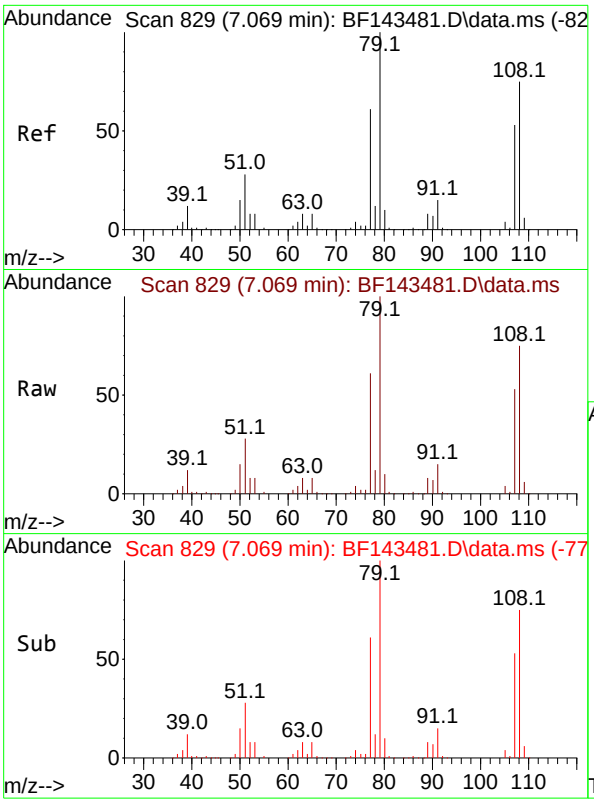


#14
1,2-Dichlorobenzene
Concen: 39.943 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



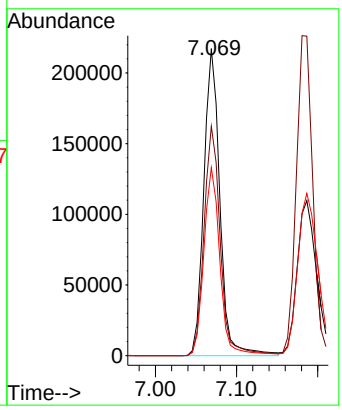


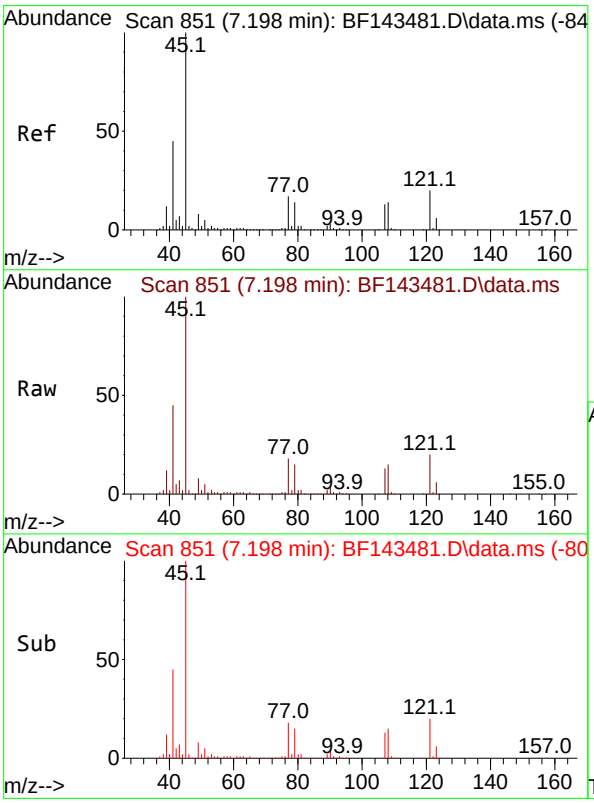
#15
Benzyl Alcohol
Concen: 40.916 ng
RT: 7.069 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

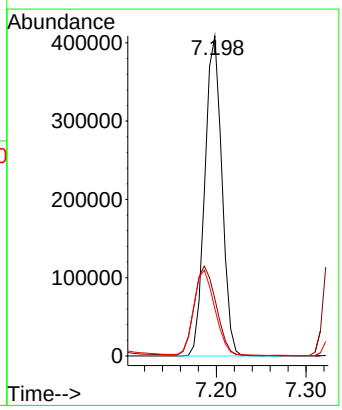


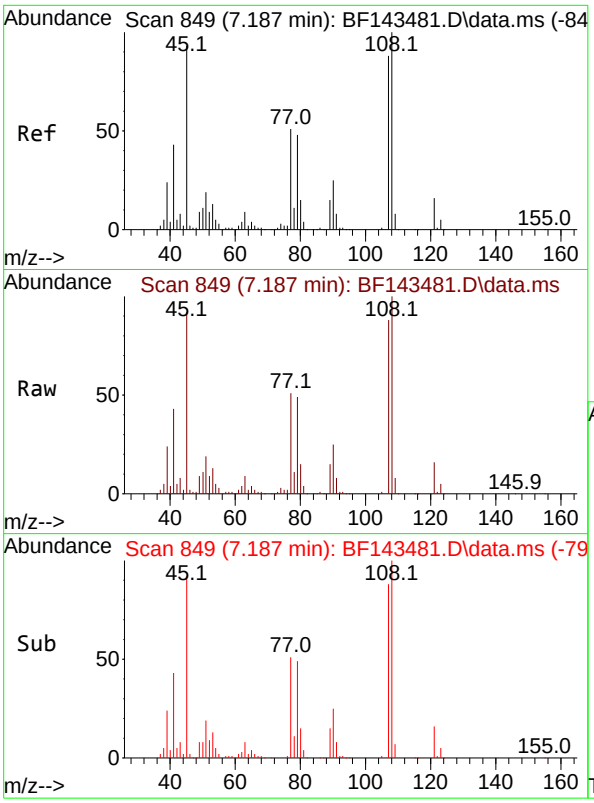


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.131 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



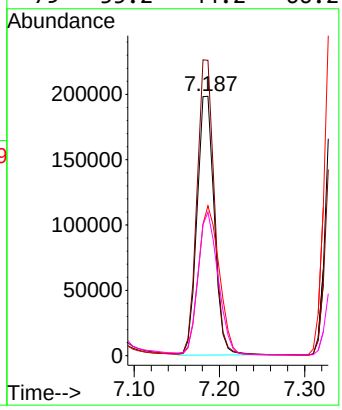


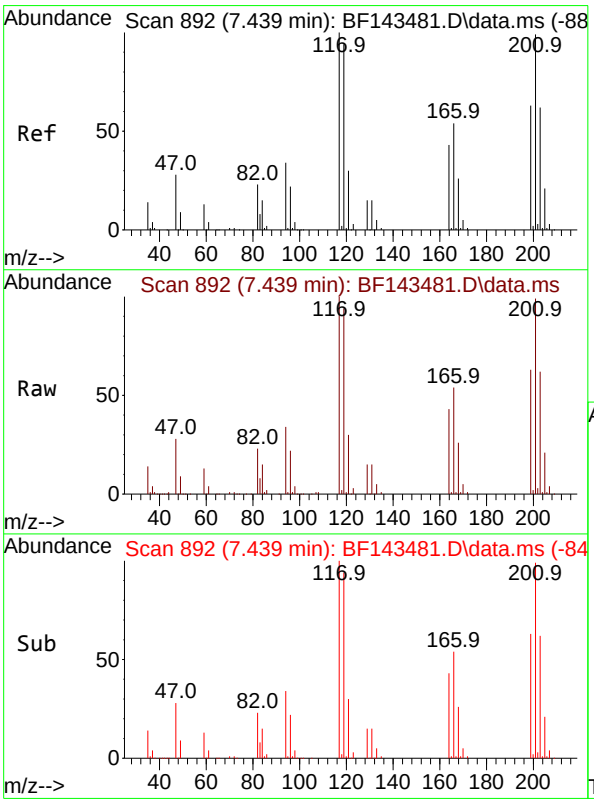
#17
2-Methylphenol
Concen: 39.844 ng
RT: 7.187 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

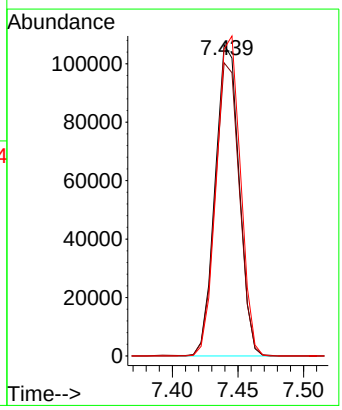


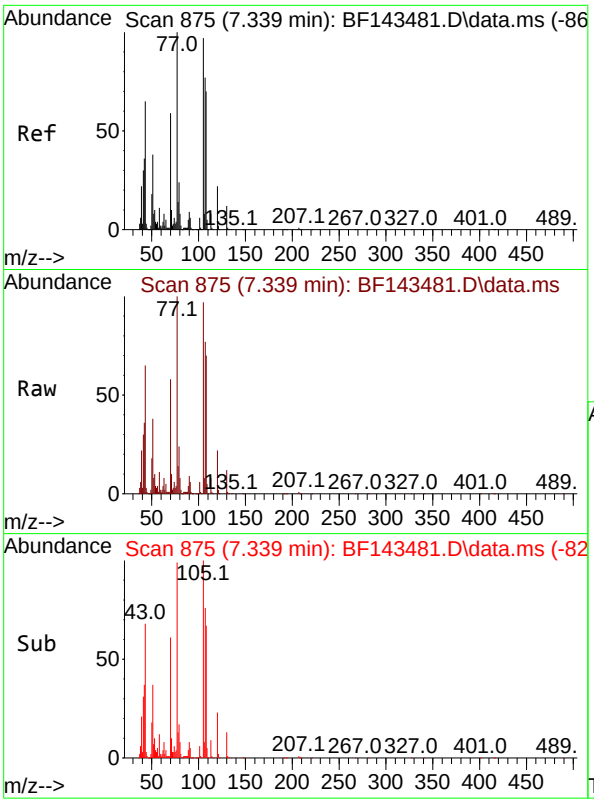


#18
Hexachloroethane
Concen: 40.503 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



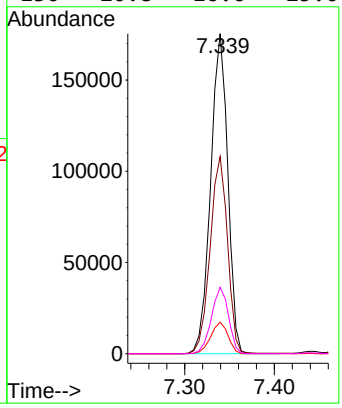


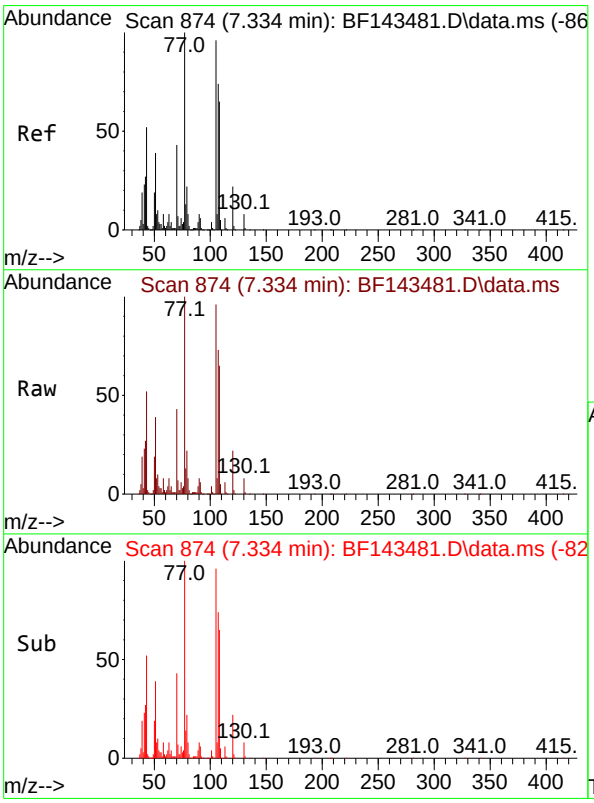
#19
n-Nitroso-di-n-propylamine
Concen: 39.076 ng
RT: 7.339 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

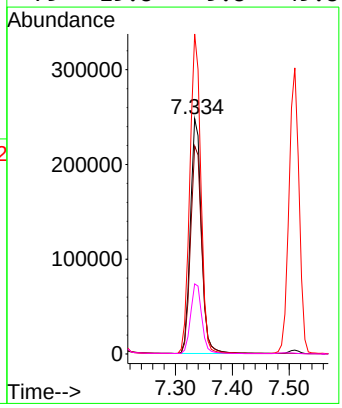


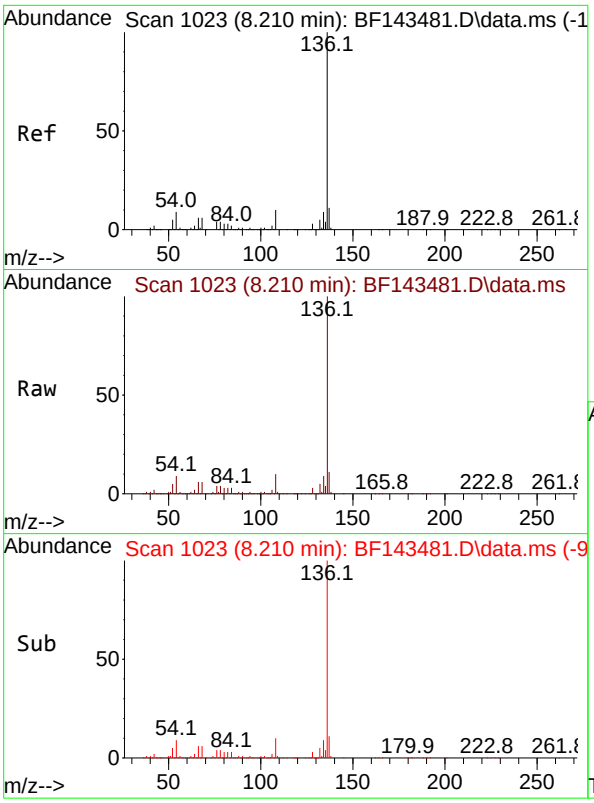


#20
3+4-Methylphenols
Concen: 40.179 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



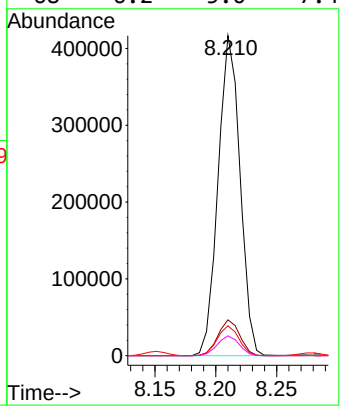


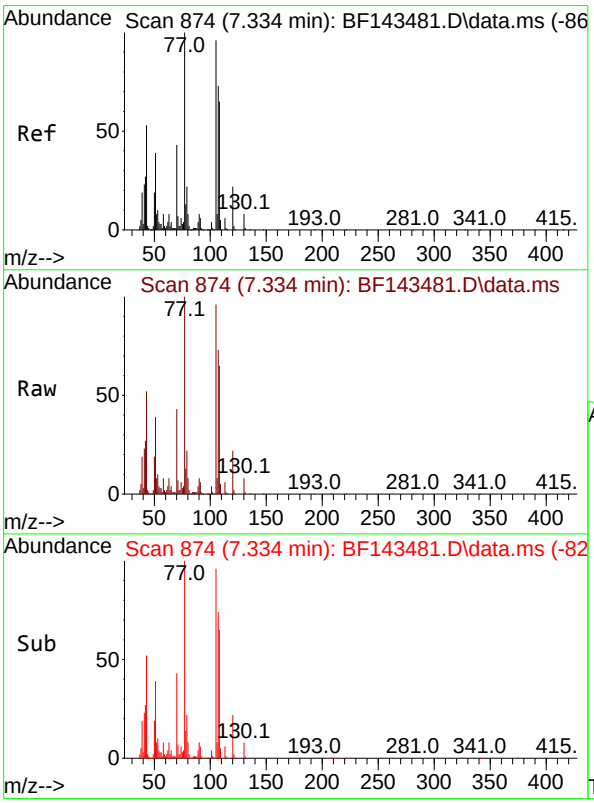
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

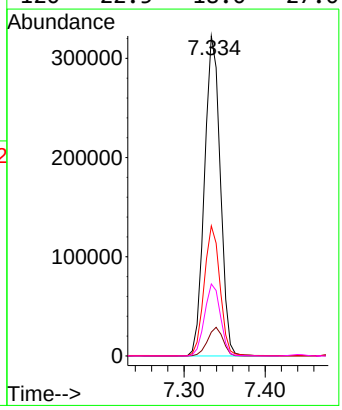


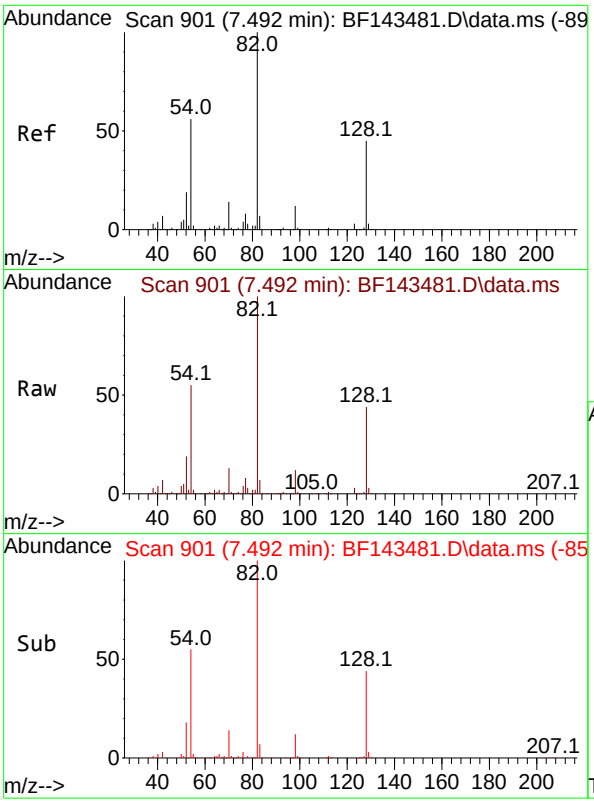


#22
Acetophenone
Concen: 38.728 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



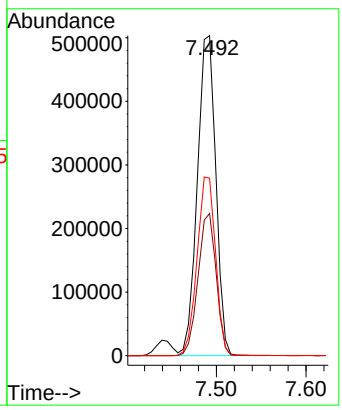


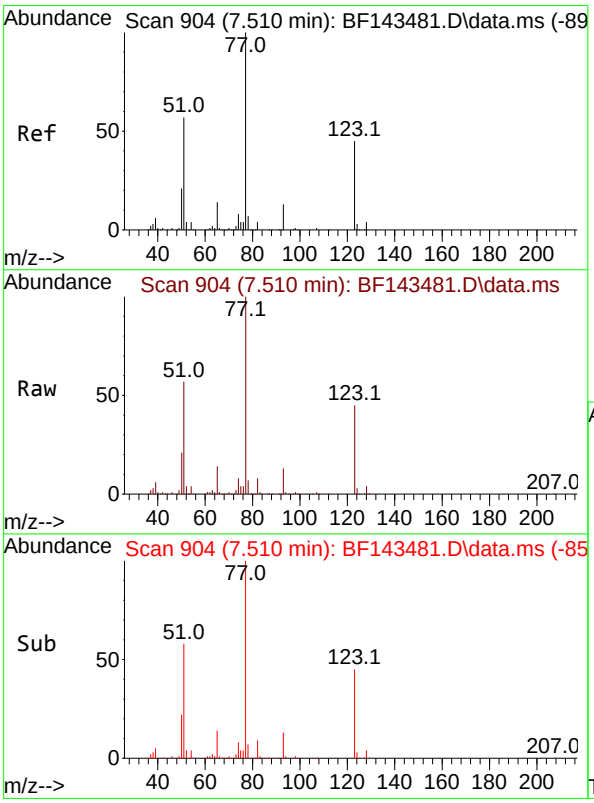
#23
Nitrobenzene-d5
Concen: 80.266 ng
RT: 7.492 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

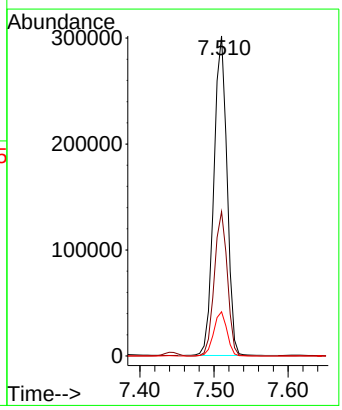


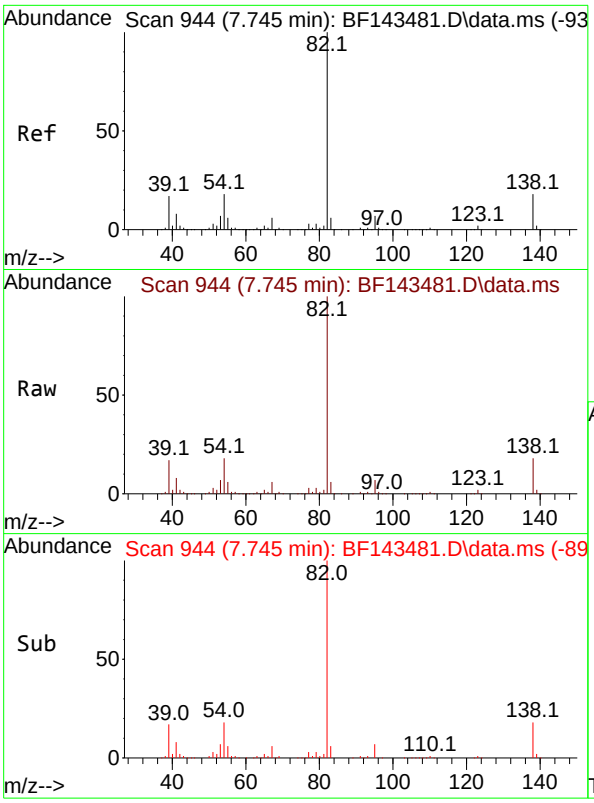


#24
Nitrobenzene
Concen: 40.403 ng
RT: 7.510 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



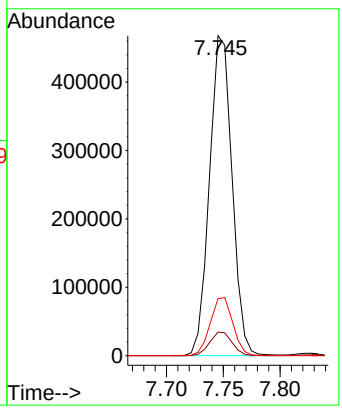


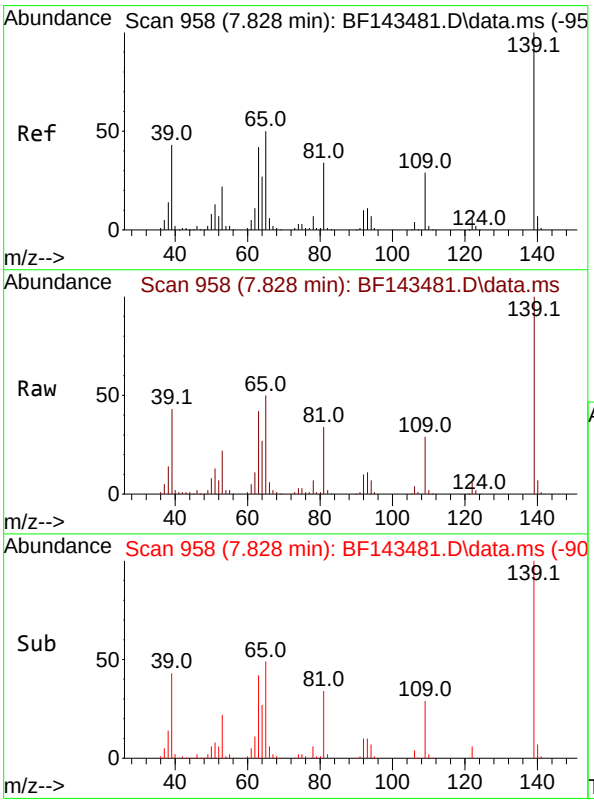
#25
Isophorone
Concen: 39.546 ng
RT: 7.745 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

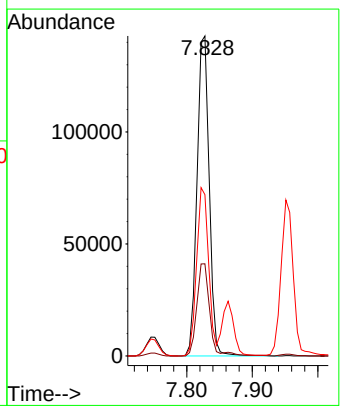


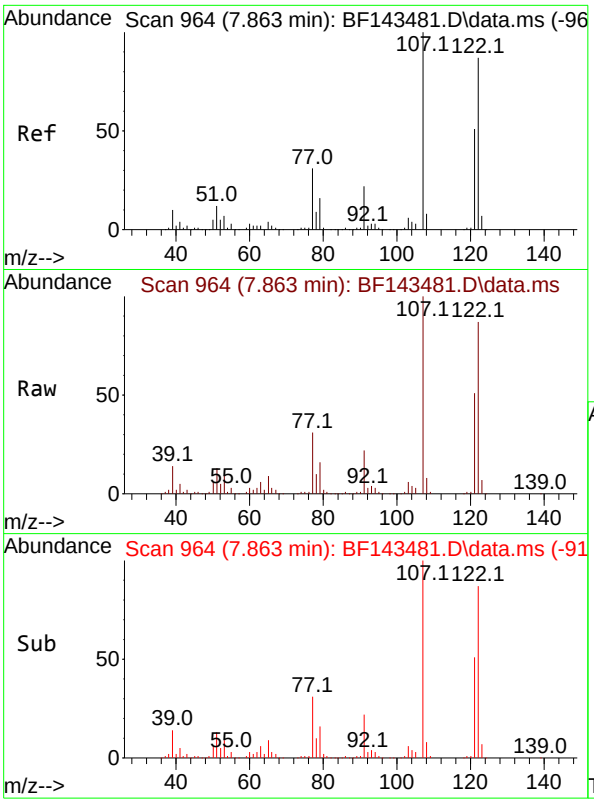


#26
2-Nitrophenol
Concen: 41.084 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



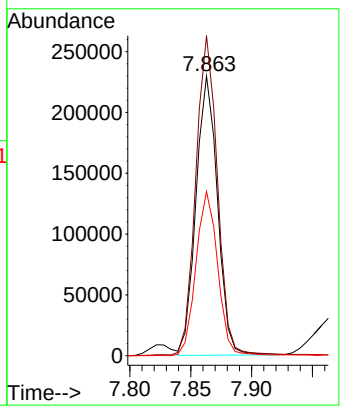


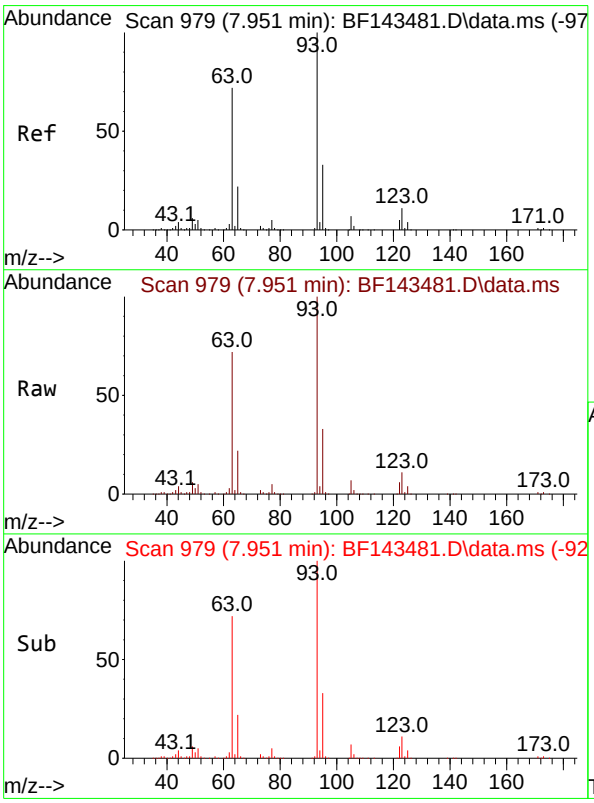
#27
2,4-Dimethylphenol
Concen: 40.116 ng
RT: 7.863 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

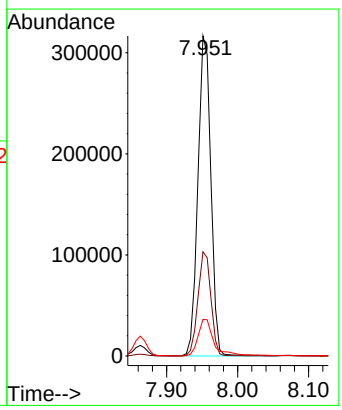


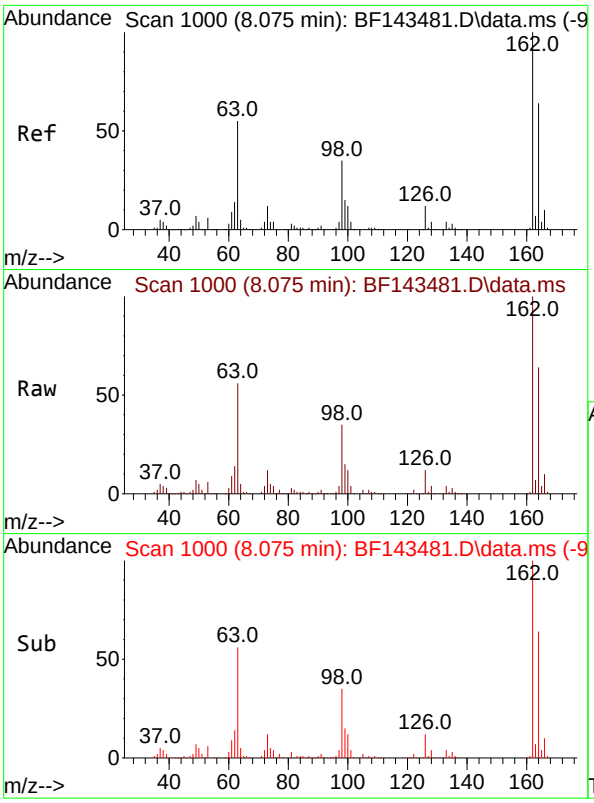


#28
bis(2-Chloroethoxy)methane
Concen: 39.973 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



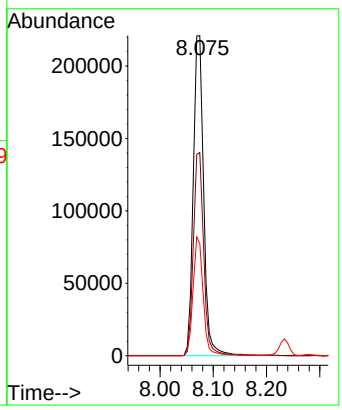


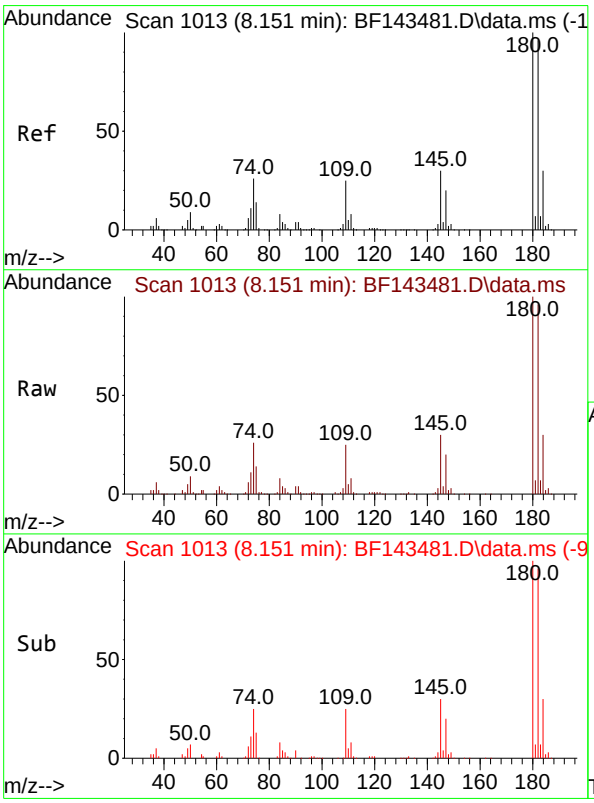
#29
2,4-Dichlorophenol
Concen: 40.095 ng
RT: 8.075 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

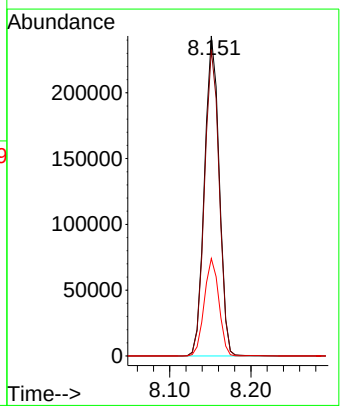


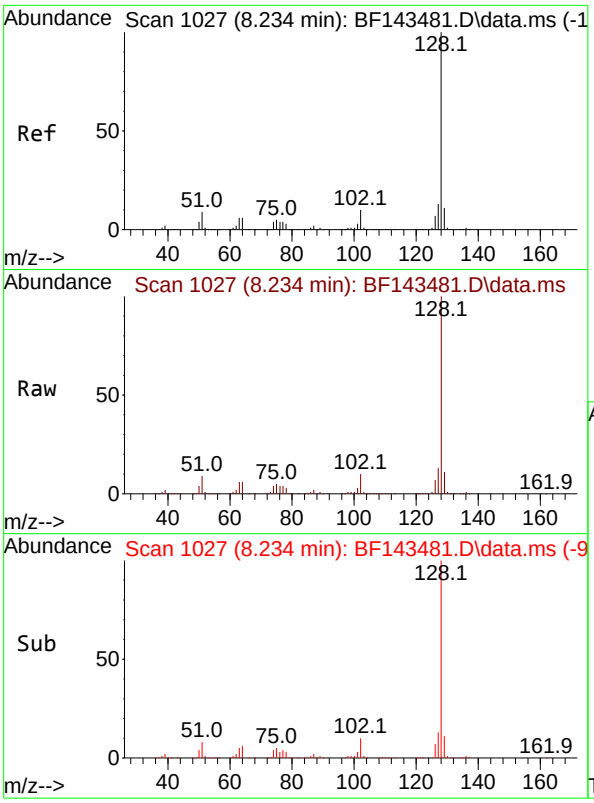


#30
1,2,4-Trichlorobenzene
Concen: 39.529 ng
RT: 8.151 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



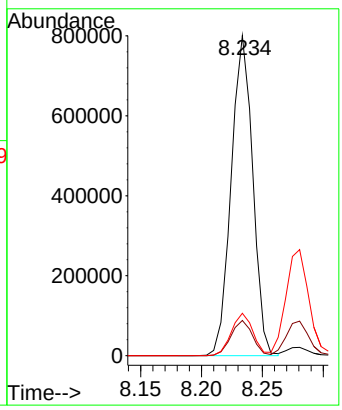


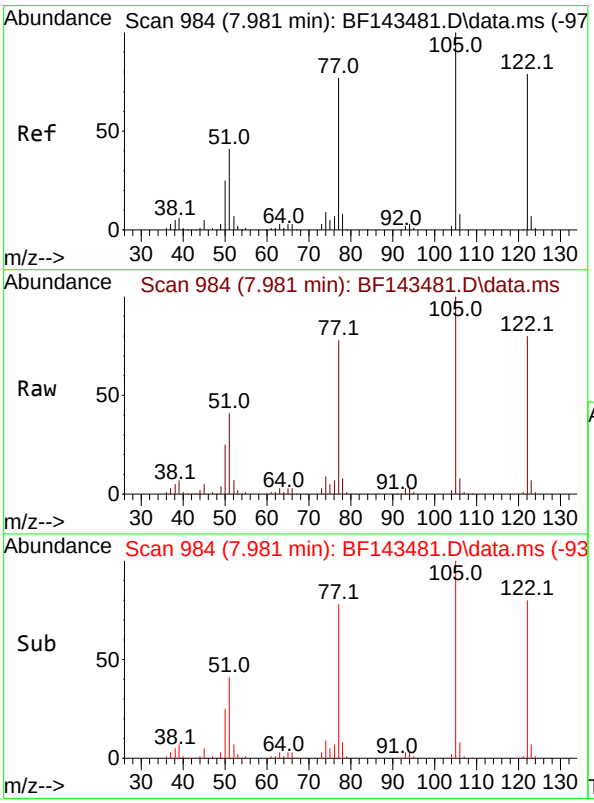
#31
Naphthalene
Concen: 39.296 ng
RT: 8.234 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

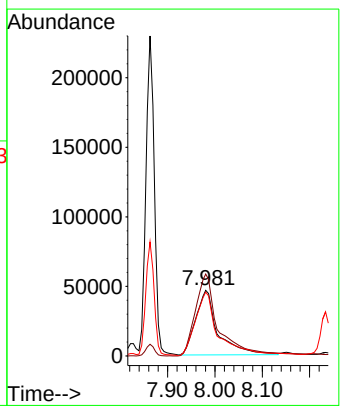


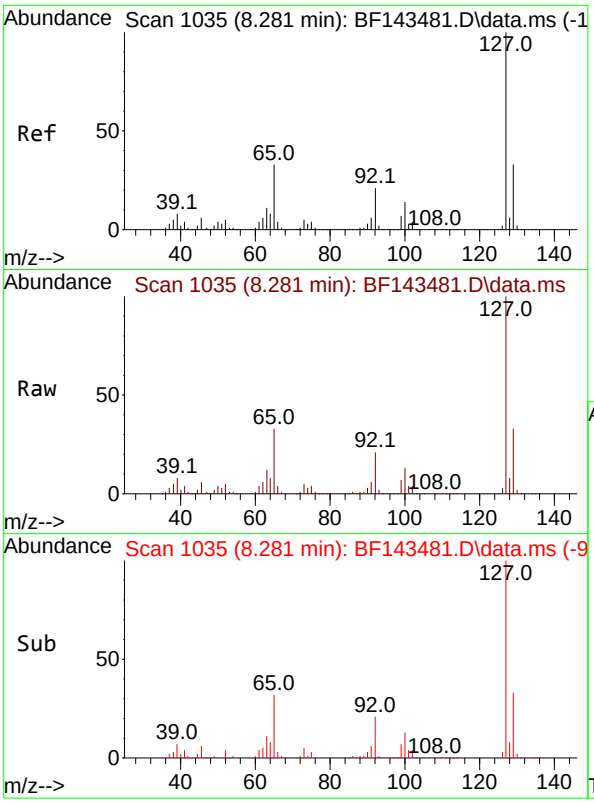


#32
Benzoic acid
Concen: 39.150 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.029 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



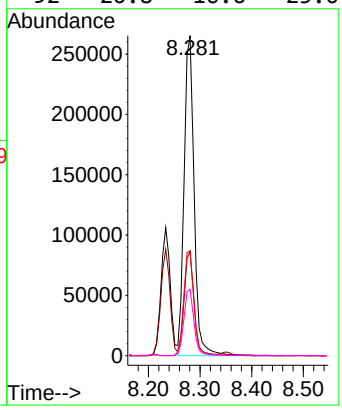


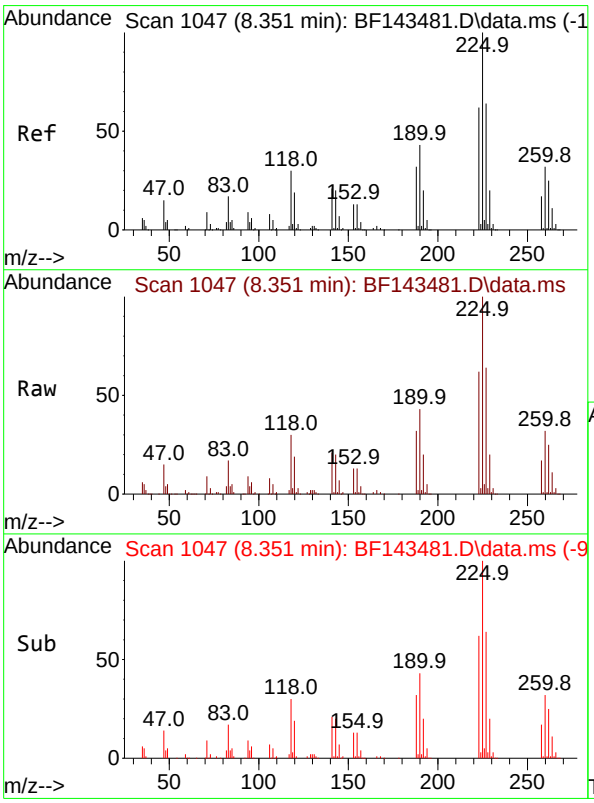
#33
4-Chloroaniline
Concen: 40.237 ng
RT: 8.281 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

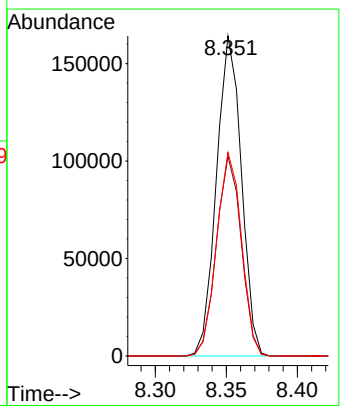


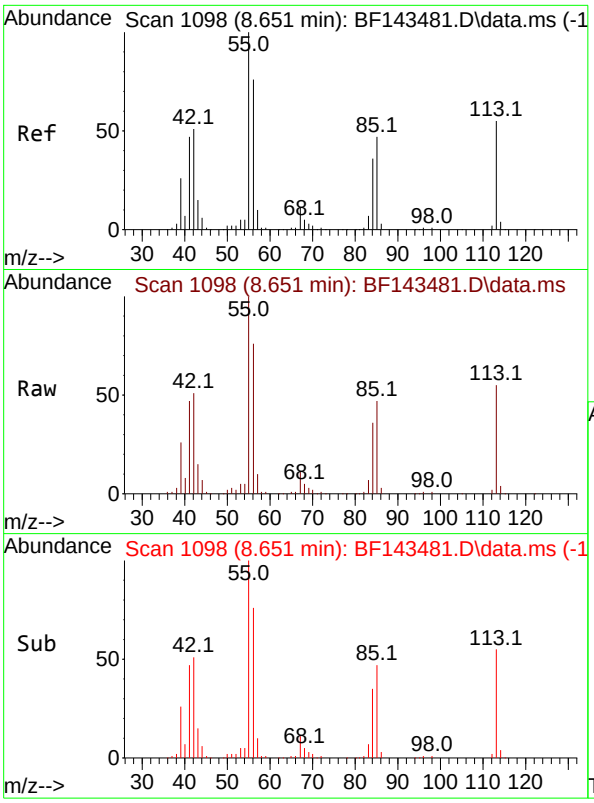


#34
Hexachlorobutadiene
Concen: 39.756 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



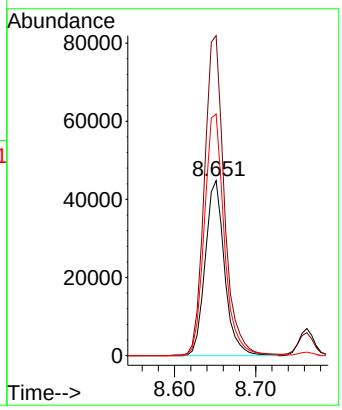


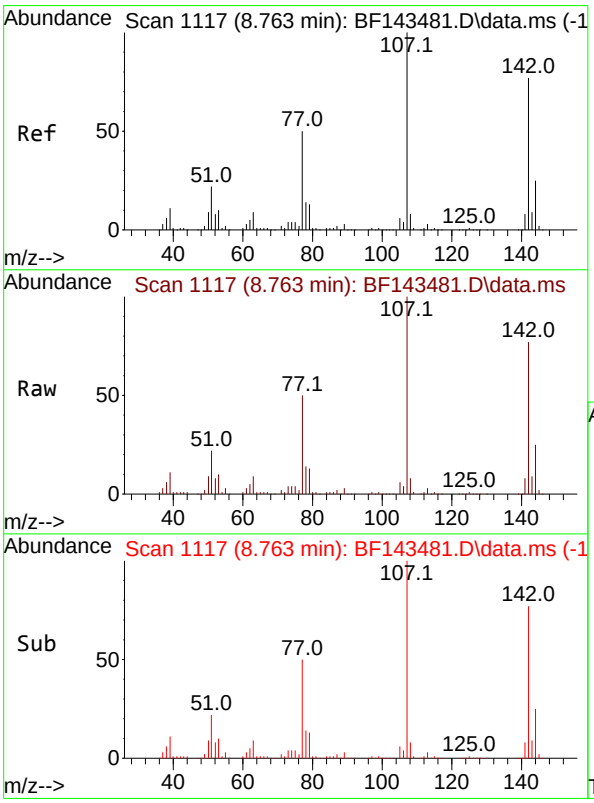
#35
Caprolactam
Concen: 41.004 ng
RT: 8.651 min Scan# 1
Delta R.T. -0.024 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

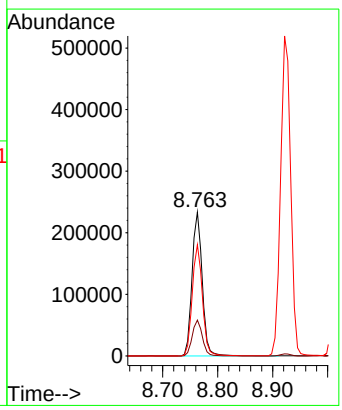


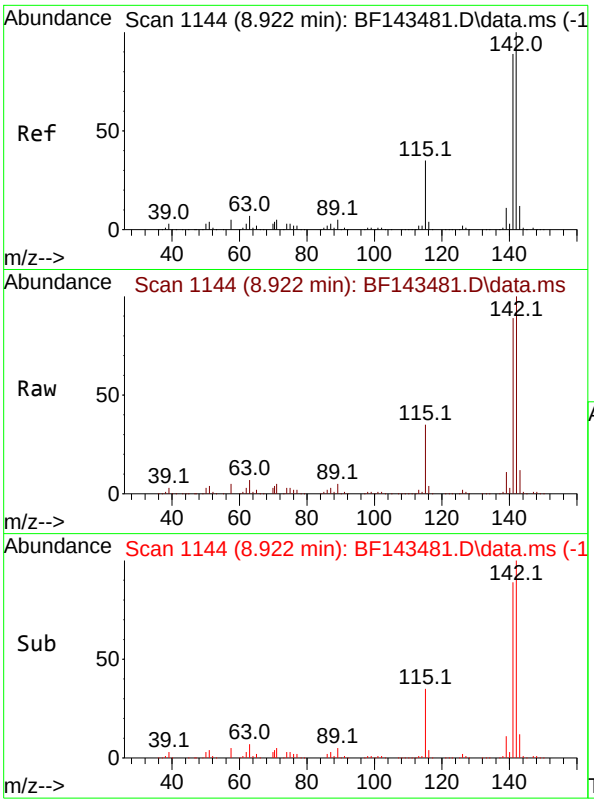


#36
4-Chloro-3-methylphenol
Concen: 39.889 ng
RT: 8.763 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



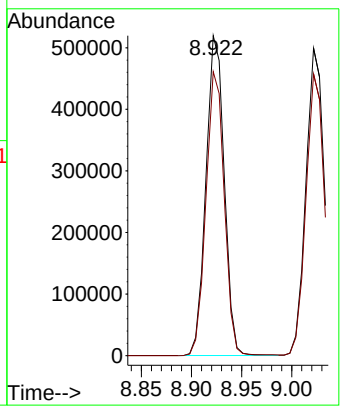


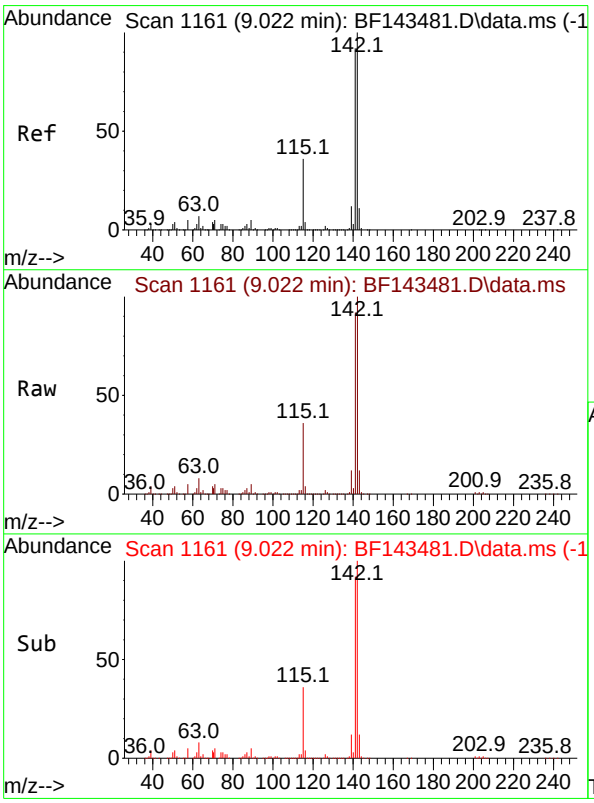
#37
2-Methylnaphthalene
Concen: 39.489 ng
RT: 8.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 660885

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.0	106.4

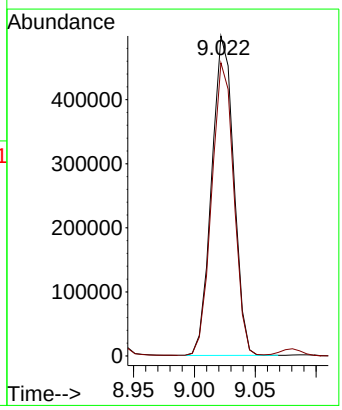


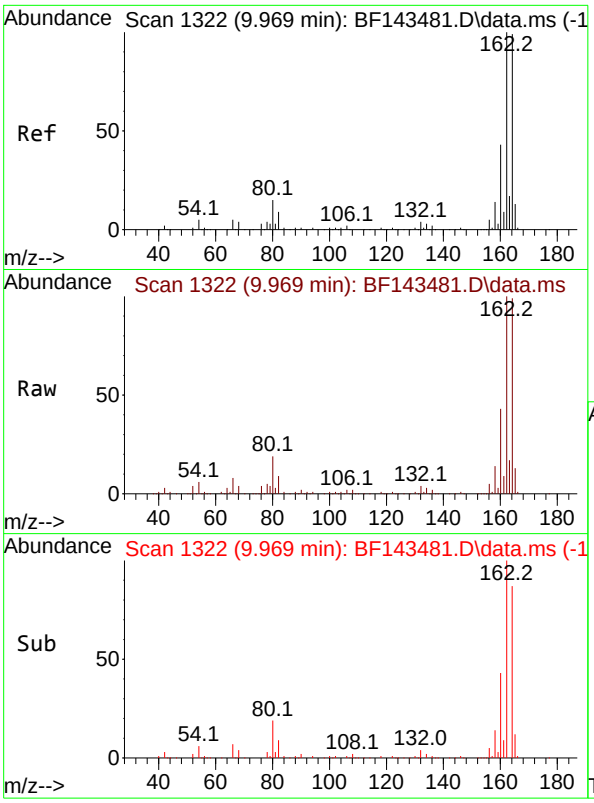


#38
1-Methylnaphthalene
Concen: 39.300 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:142 Resp: 629141

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.3	109.9



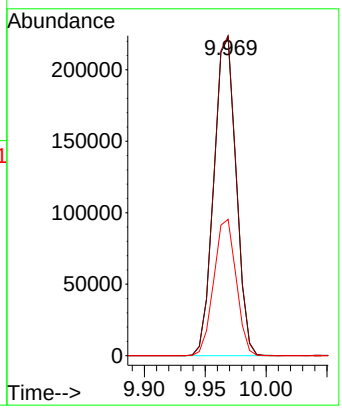


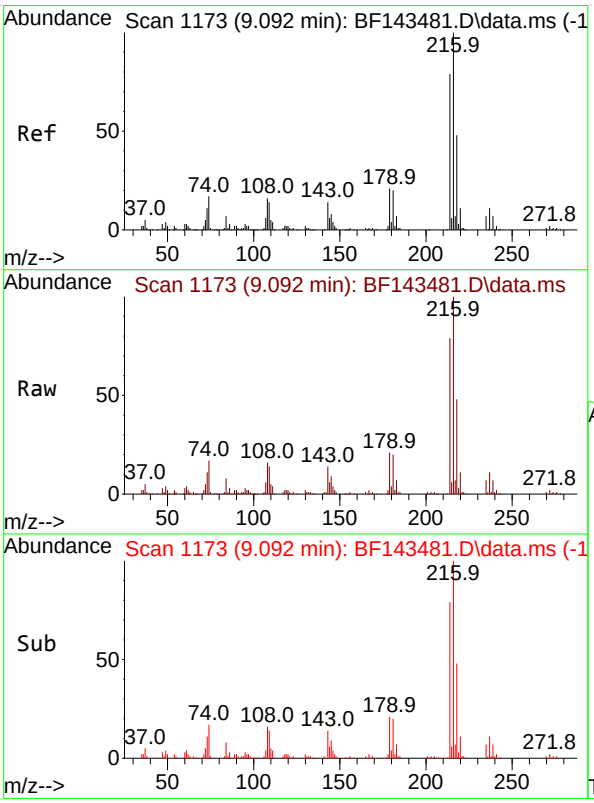
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

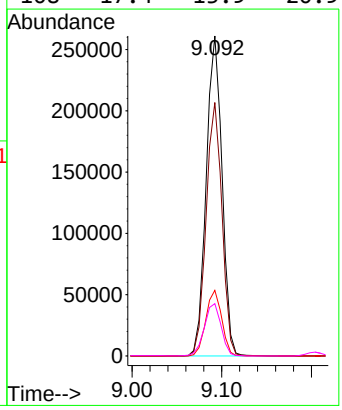


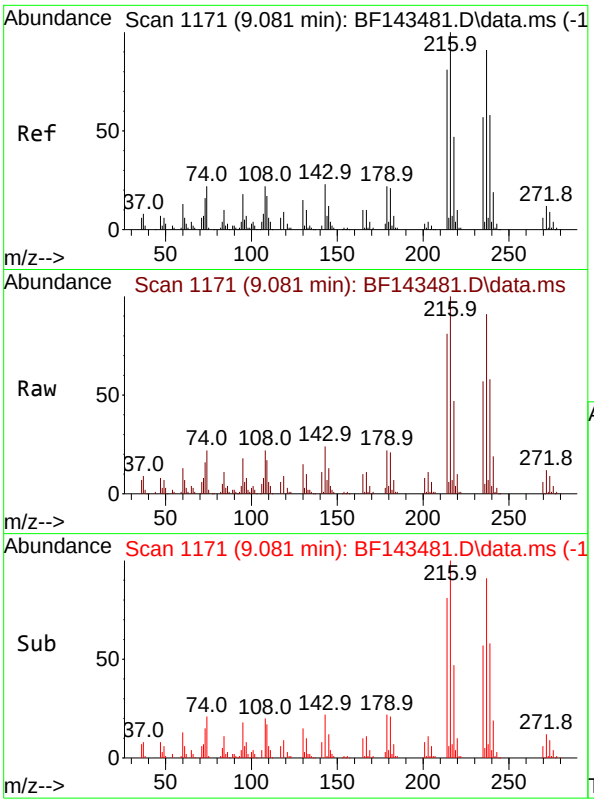


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.526 ng
RT: 9.092 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



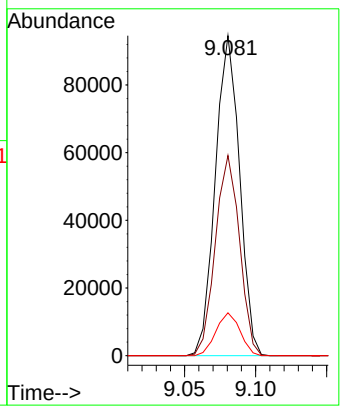


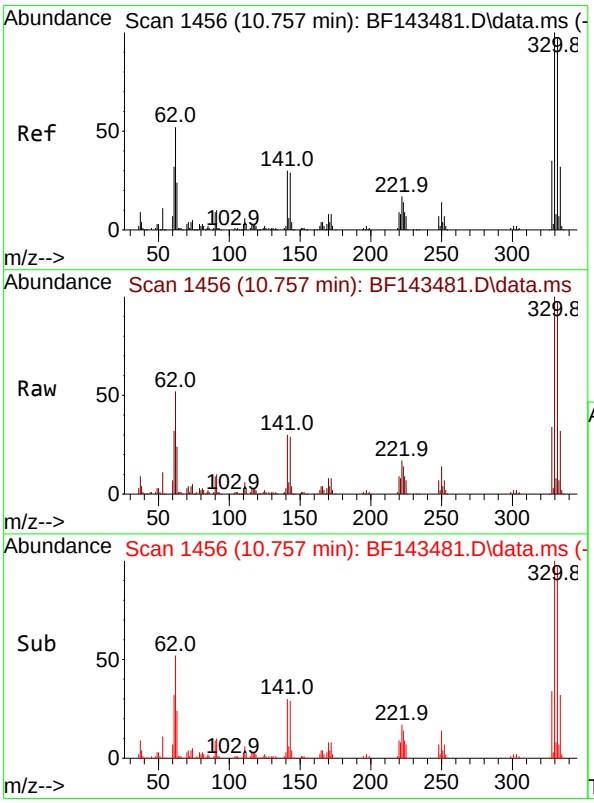
#41
Hexachlorocyclopentadiene
Concen: 39.218 ng
RT: 9.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

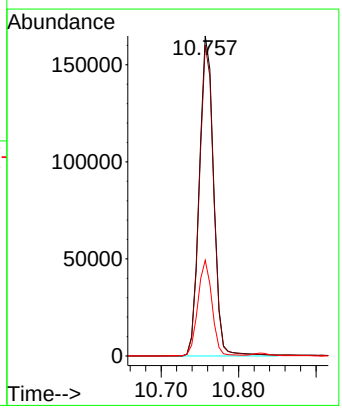


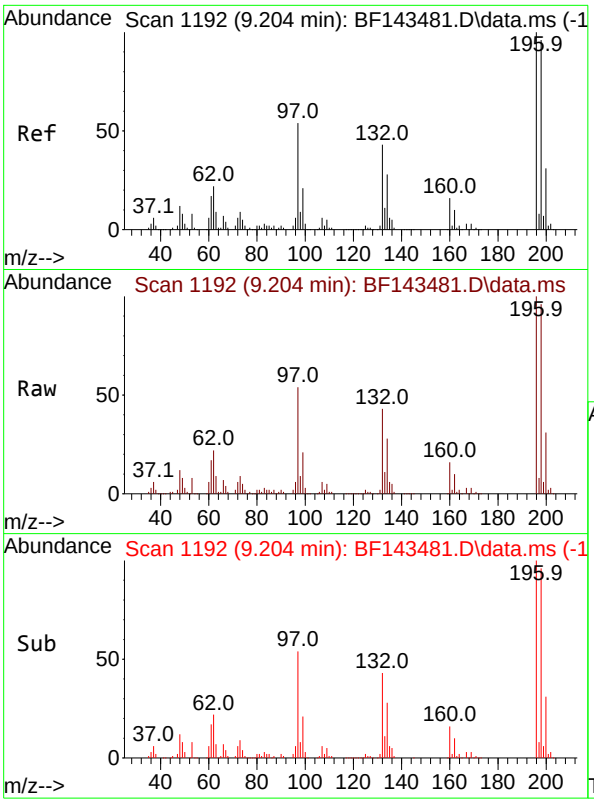


#42
2,4,6-Tribromophenol
Concen: 80.744 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



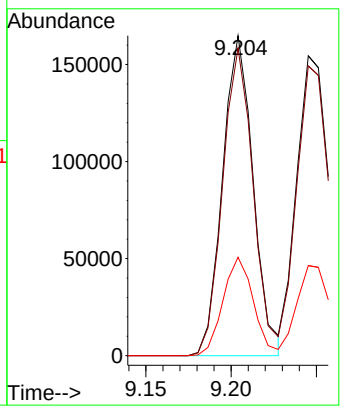


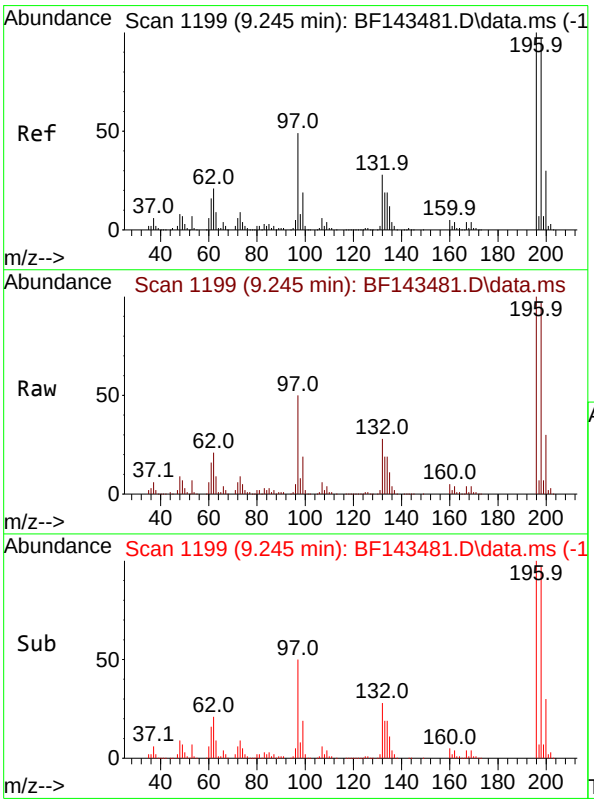
#43
2,4,6-Trichlorophenol
Concen: 41.387 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

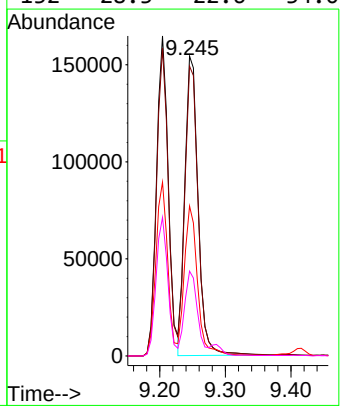


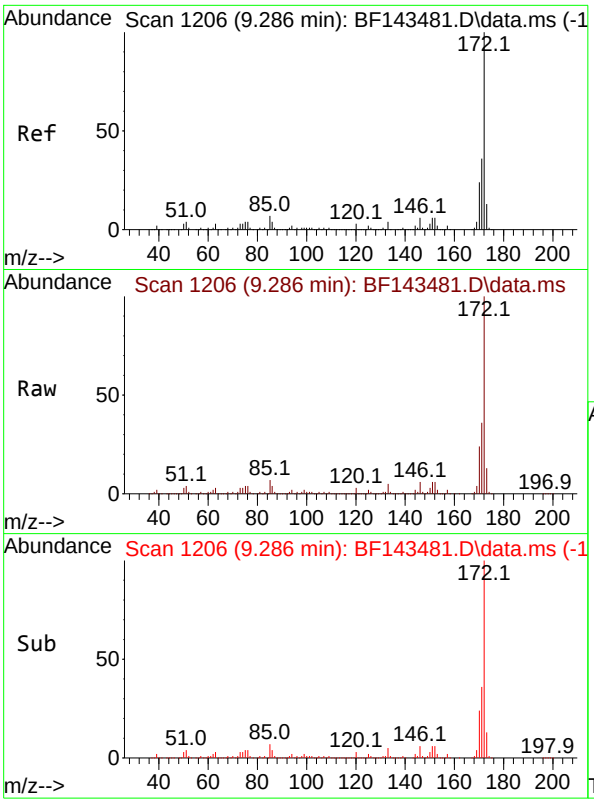


#44
2,4,5-Trichlorophenol
Concen: 39.748 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



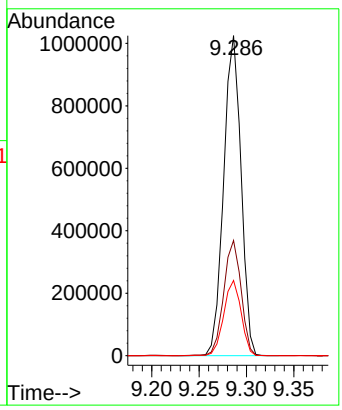


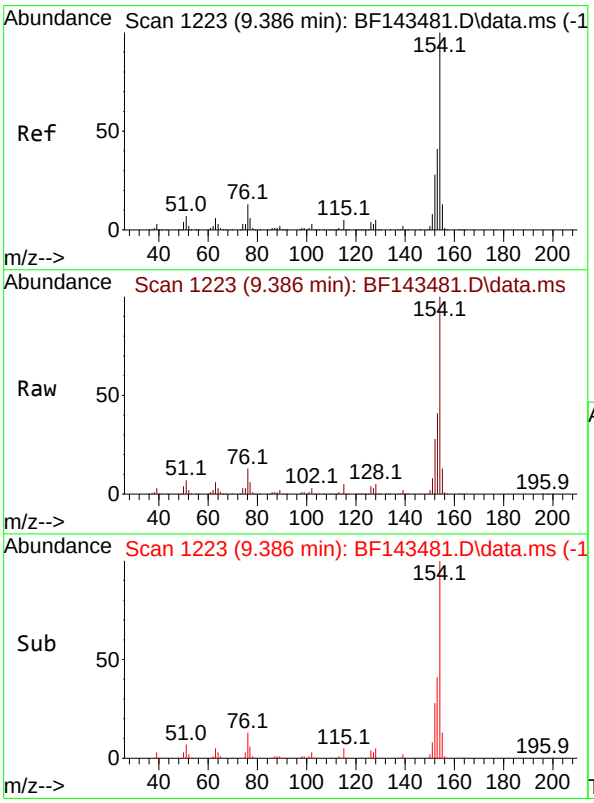
#45
2-Fluorobiphenyl
Concen: 76.419 ng
RT: 9.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

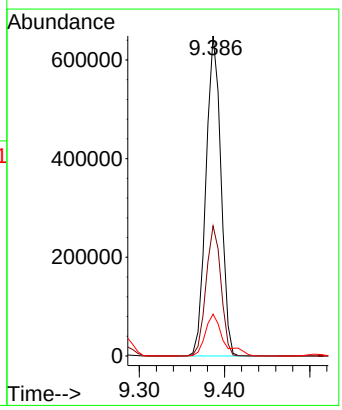


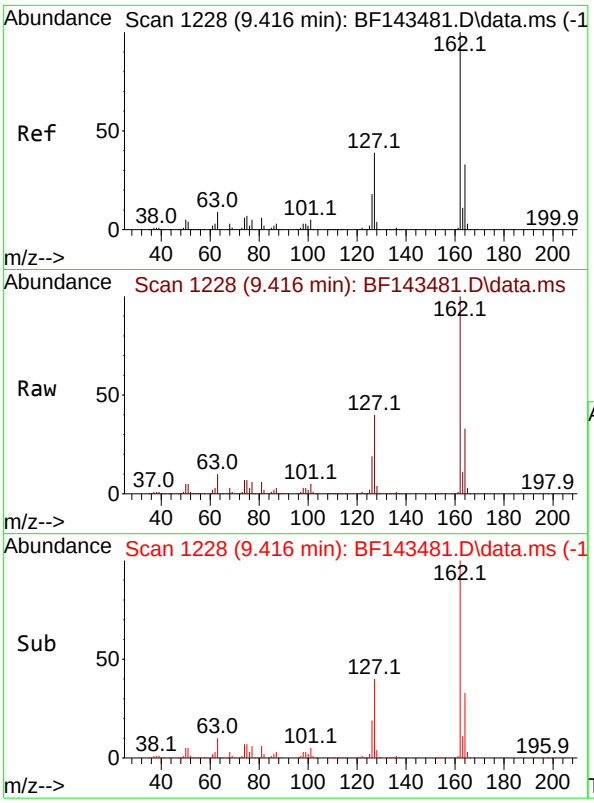


#46
1,1'-Biphenyl
Concen: 39.412 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



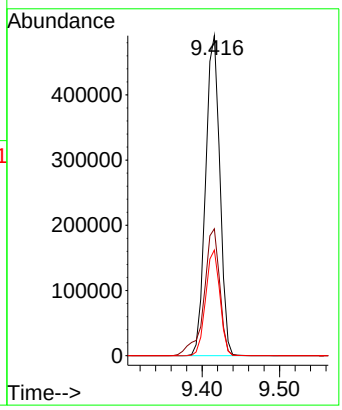


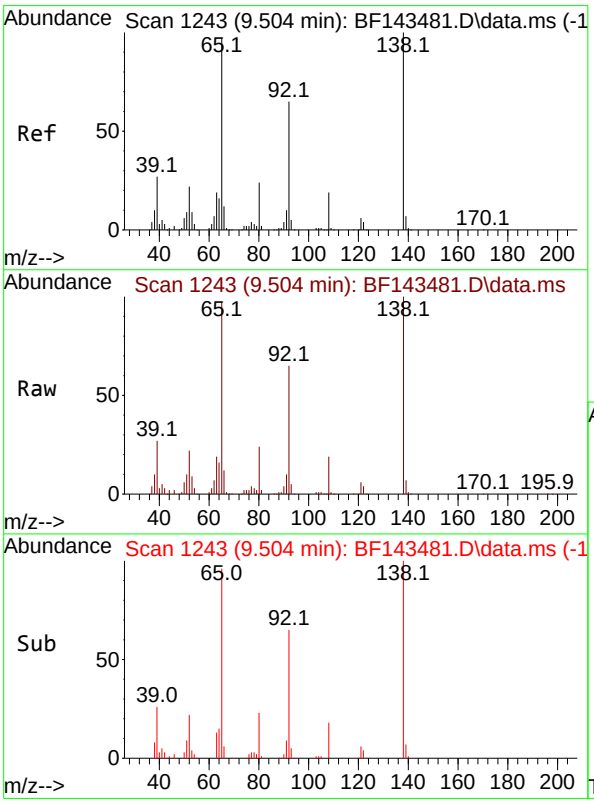
#47
2-Chloronaphthalene
Concen: 39.699 ng
RT: 9.416 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

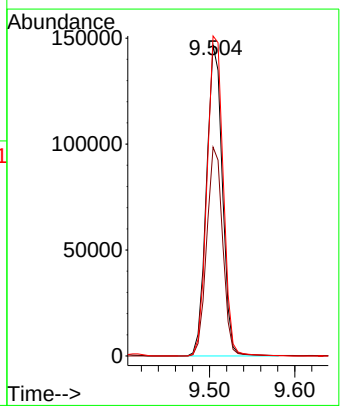


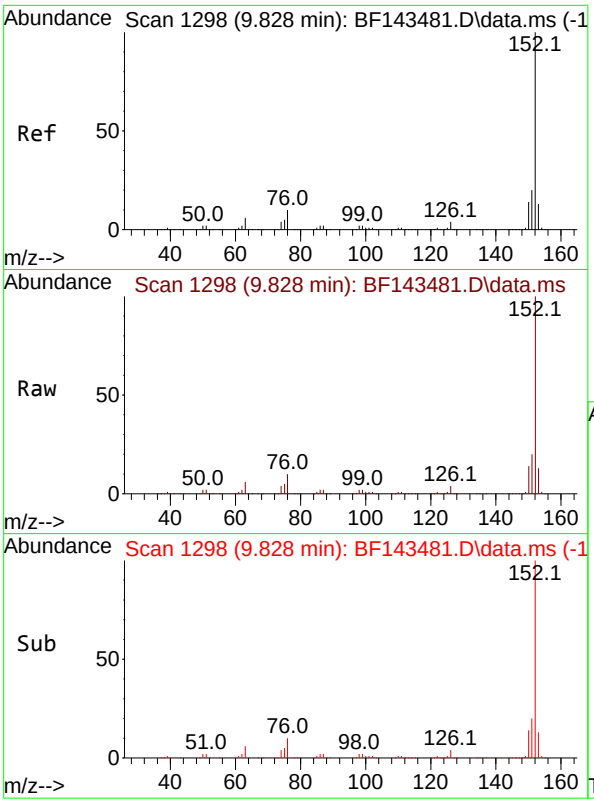


#48
2-Nitroaniline
Concen: 41.336 ng
RT: 9.504 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



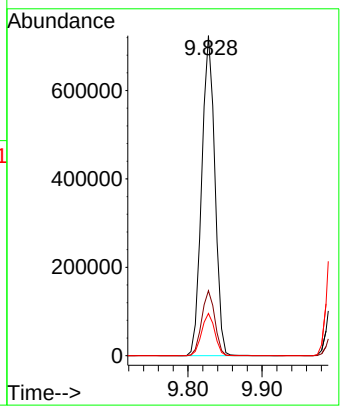


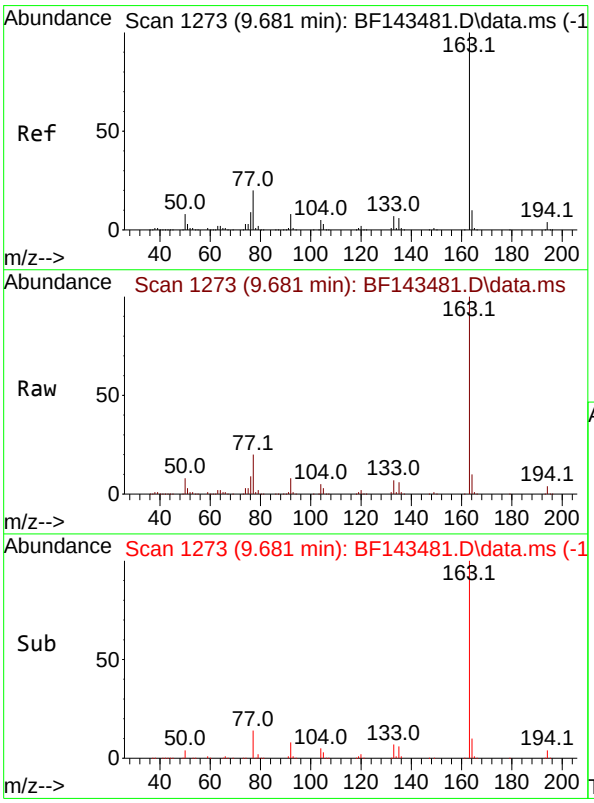
#49
Acenaphthylene
Concen: 39.620 ng
RT: 9.828 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

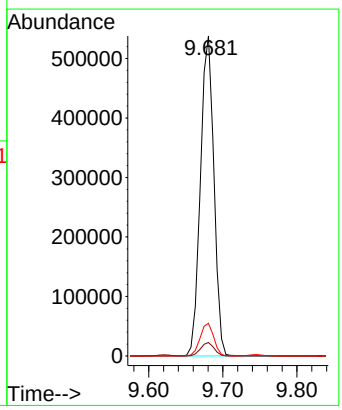


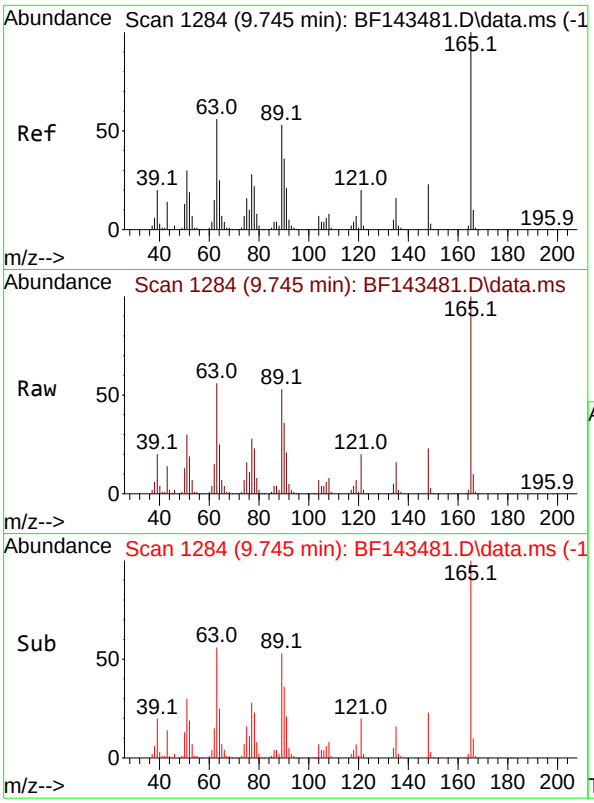


#50
Dimethylphthalate
Concen: 39.881 ng
RT: 9.681 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



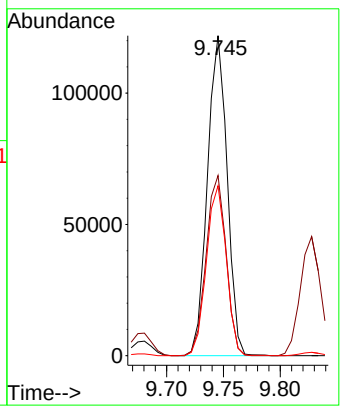


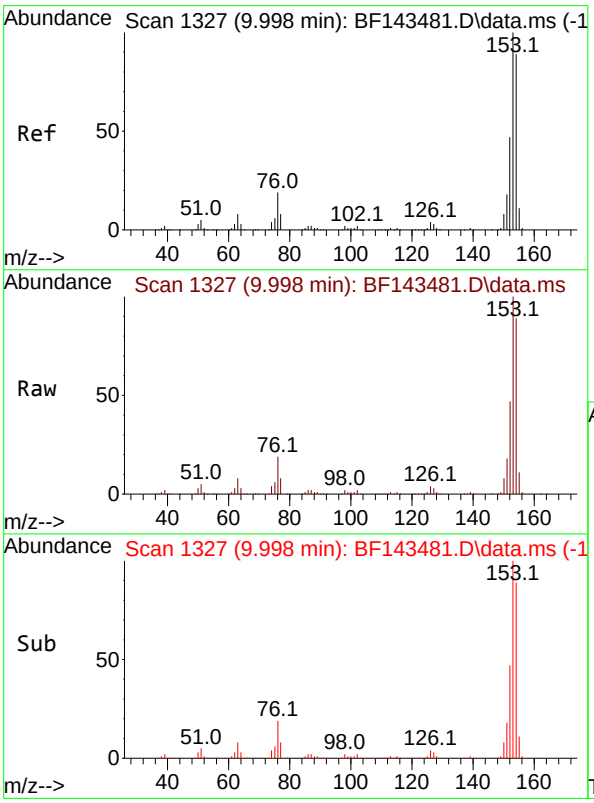
#51
2,6-Dinitrotoluene
Concen: 41.551 ng
RT: 9.745 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

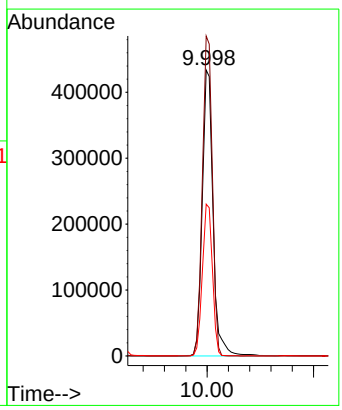


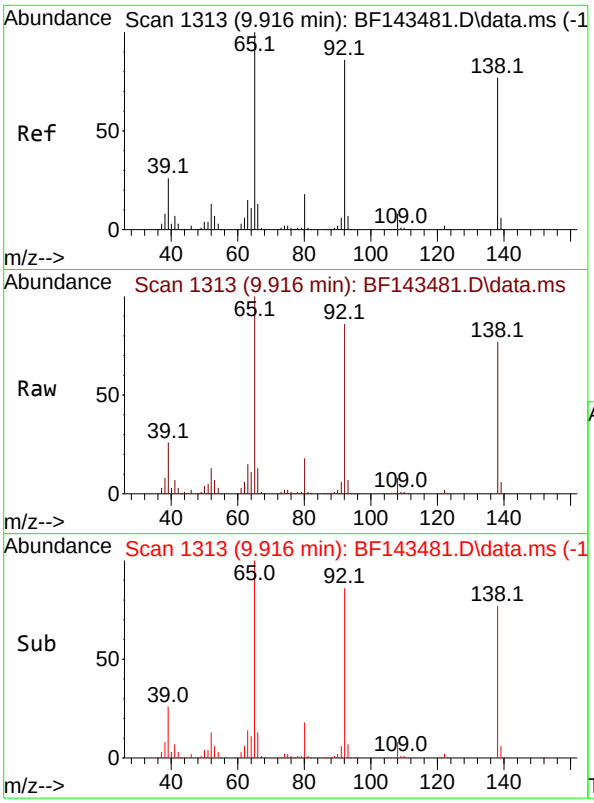


#52
Acenaphthene
Concen: 39.745 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



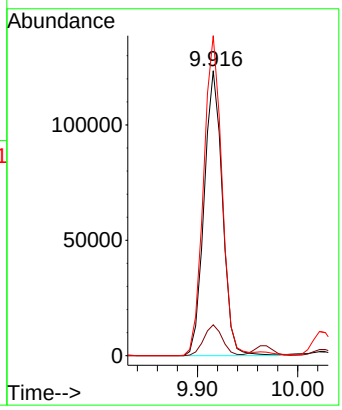


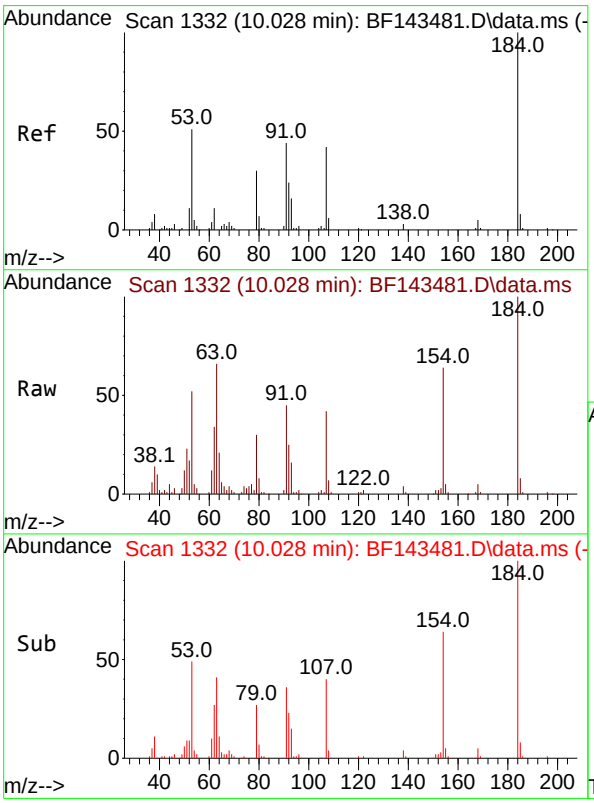
#53
3-Nitroaniline
Concen: 41.163 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

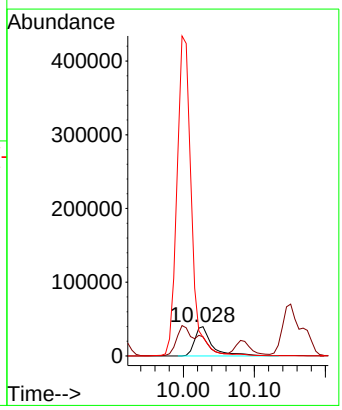


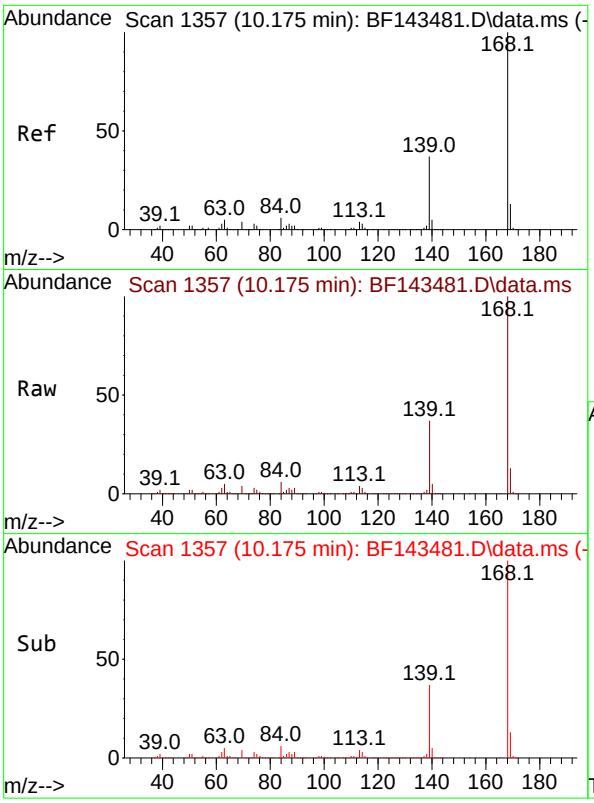


#54
2,4-Dinitrophenol
Concen: 38.822 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



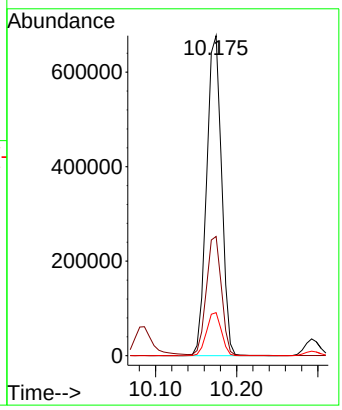


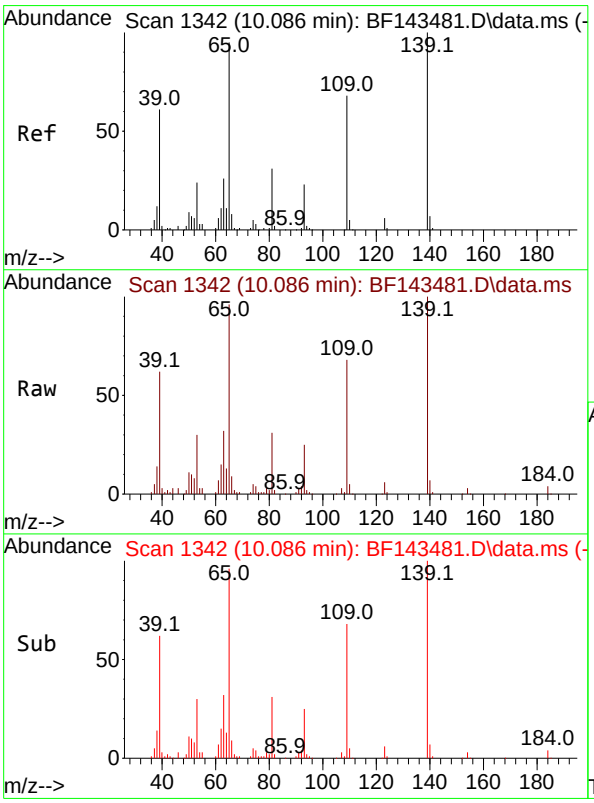
#55
Dibenzofuran
Concen: 39.465 ng
RT: 10.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

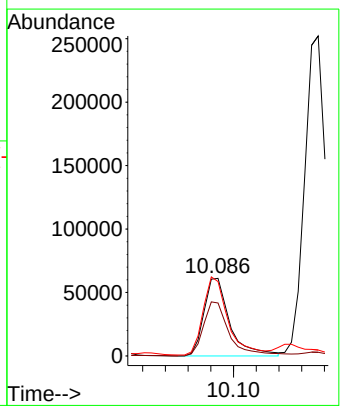


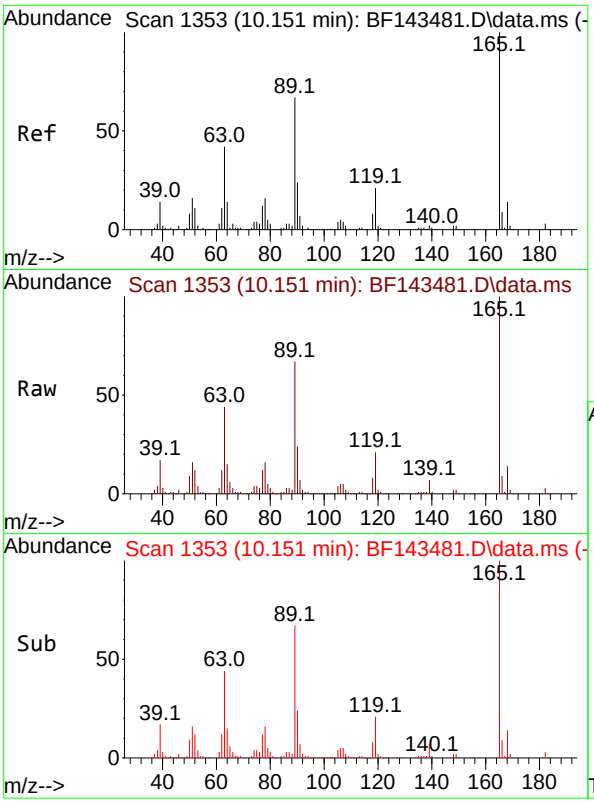


#56
4-Nitrophenol
Concen: 42.699 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



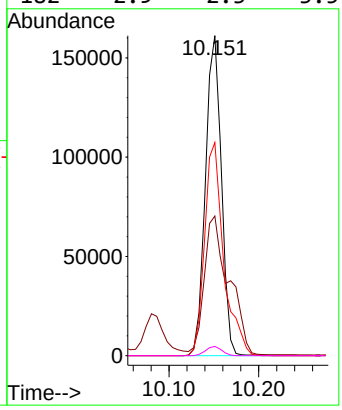


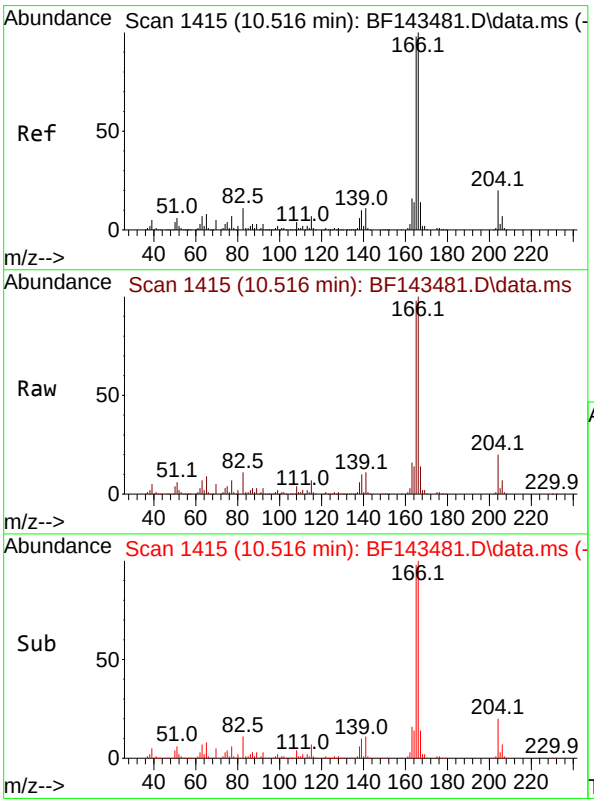
#57
2,4-Dinitrotoluene
Concen: 42.127 ng
RT: 10.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

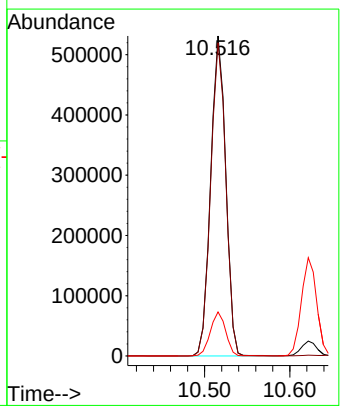


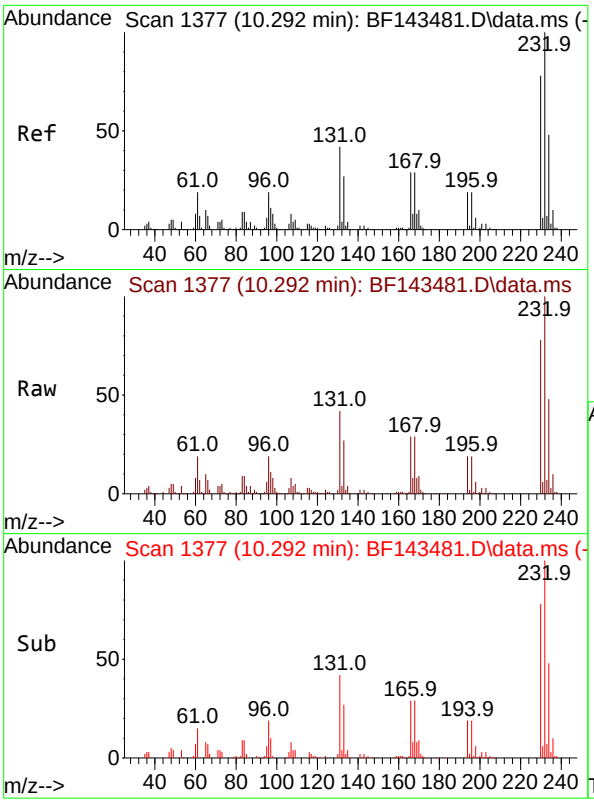


#58
Fluorene
Concen: 38.975 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



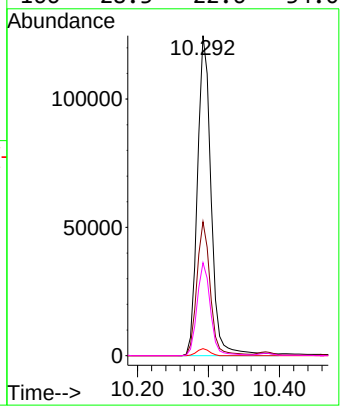


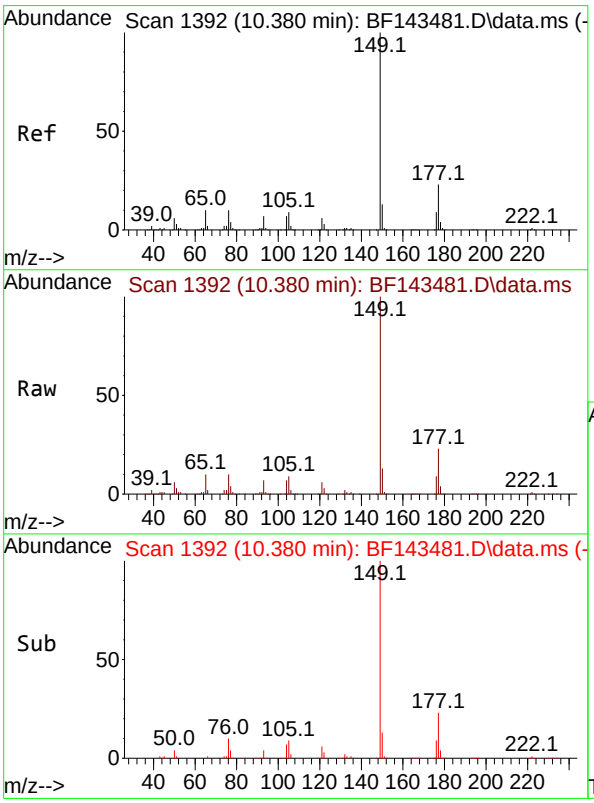
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.542 ng
RT: 10.292 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

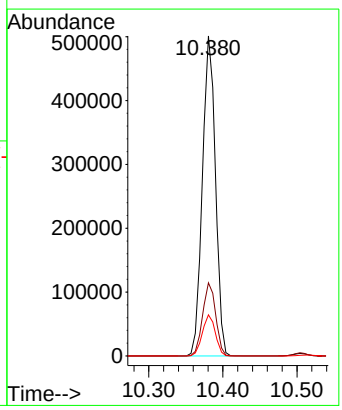


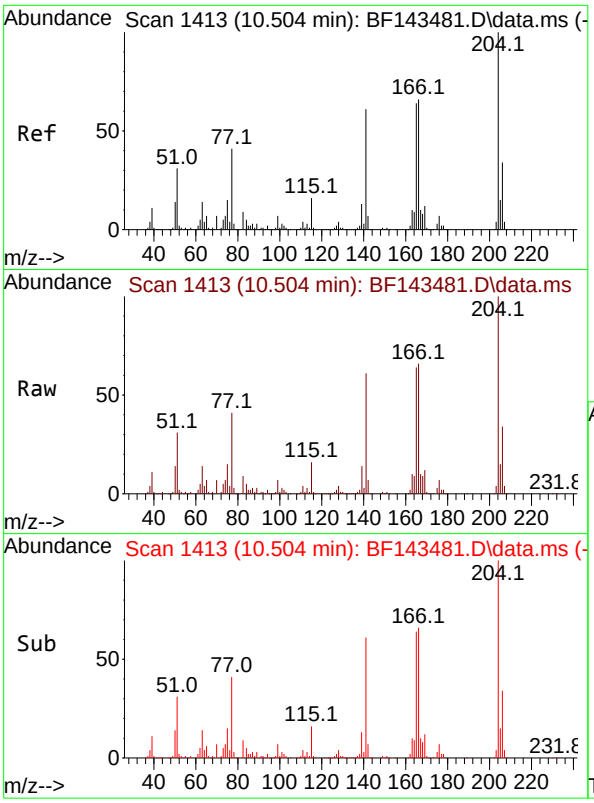


#60
Diethylphthalate
Concen: 40.167 ng
RT: 10.380 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



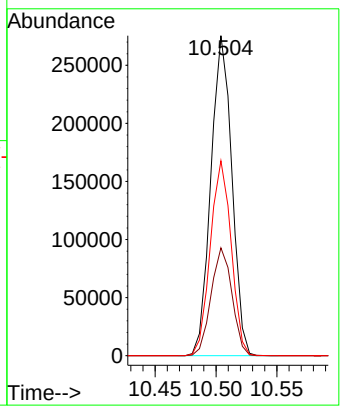


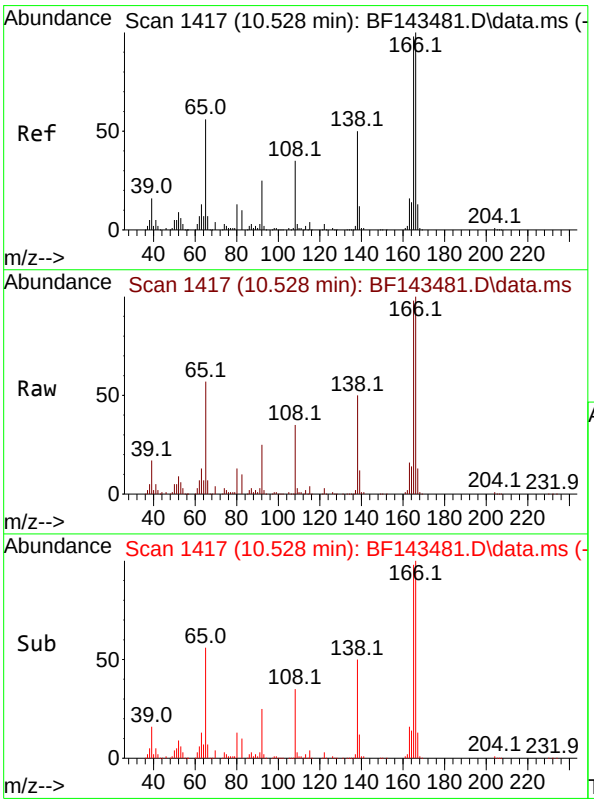
#61
4-Chlorophenyl-phenylether
Concen: 39.350 ng
RT: 10.504 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

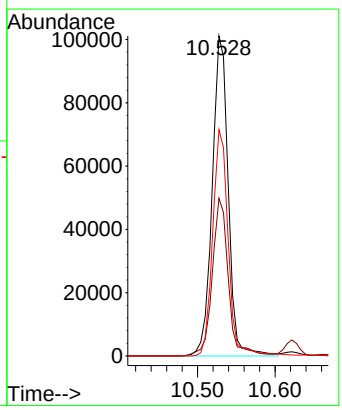


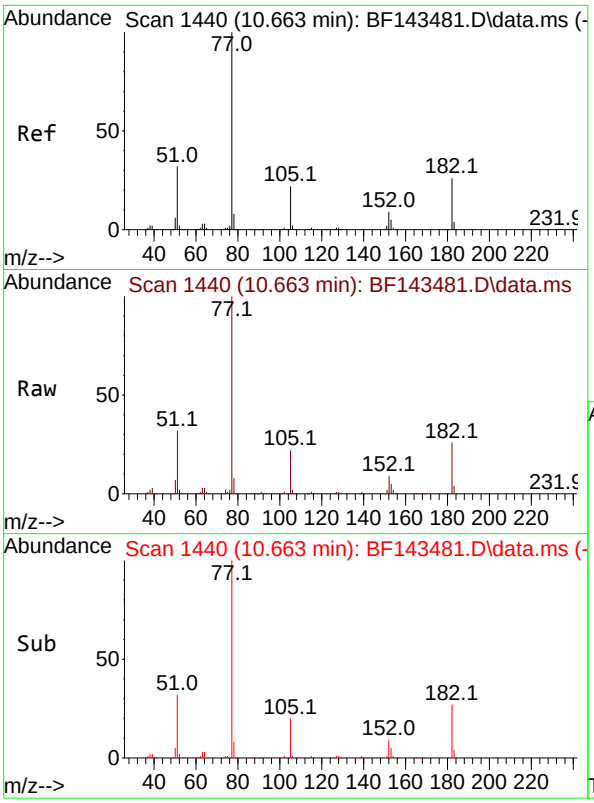


#62
4-Nitroaniline
Concen: 41.412 ng
RT: 10.528 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



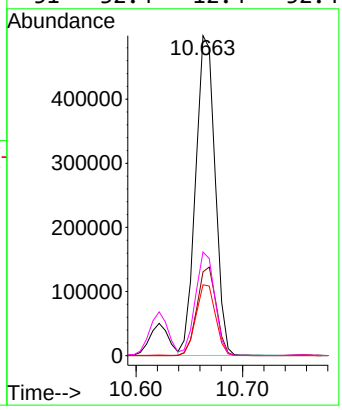


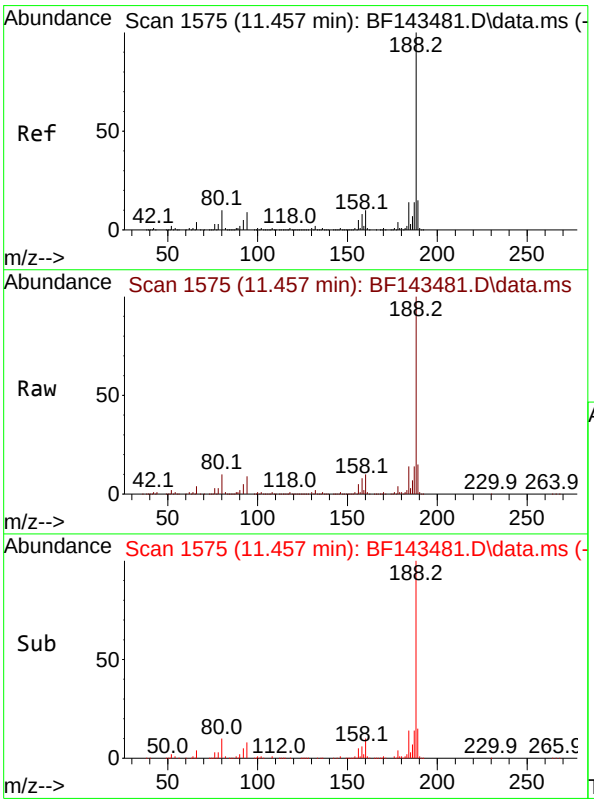
#63
Azobenzene
Concen: 40.076 ng
RT: 10.663 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

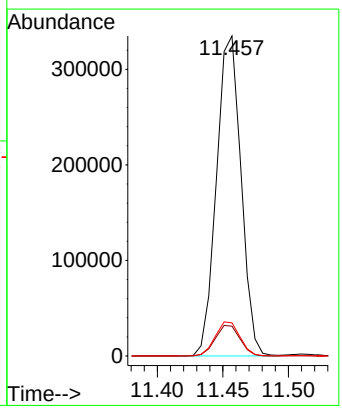


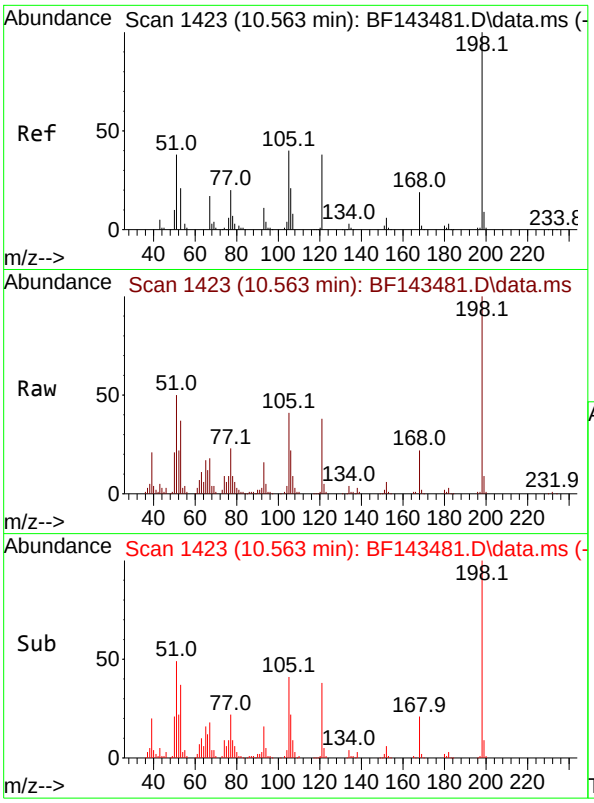


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



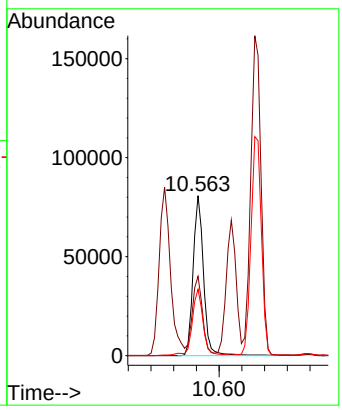


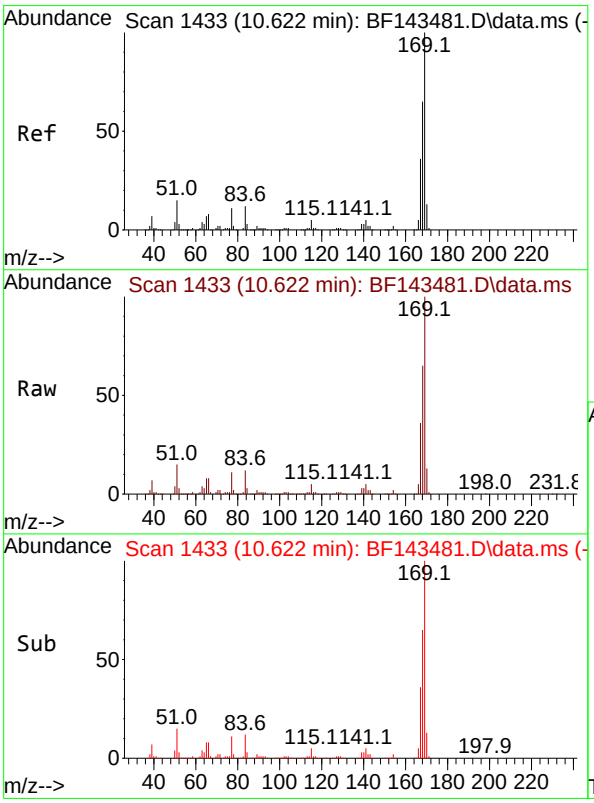
#65
4,6-Dinitro-2-methylphenol
Concen: 42.115 ng
RT: 10.563 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

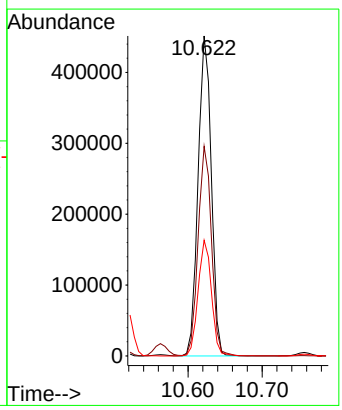


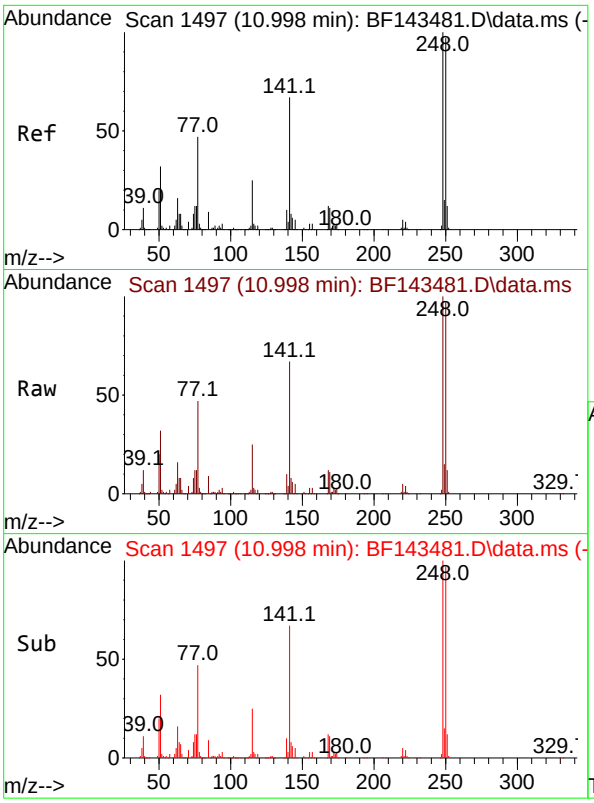


#66
n-Nitrosodiphenylamine
Concen: 39.830 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



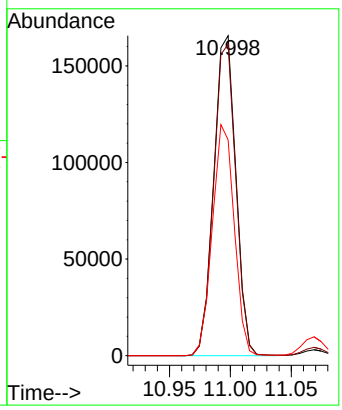


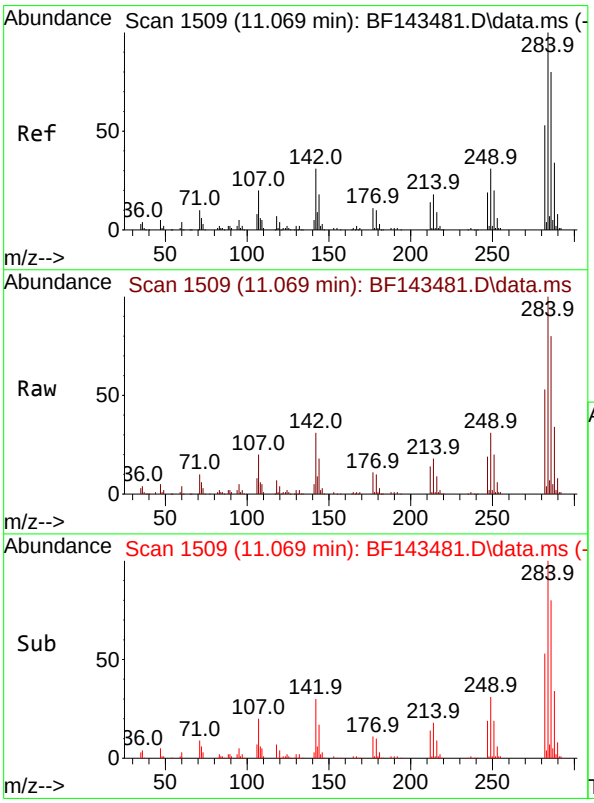
#67
4-Bromophenyl-phenylether
Concen: 40.374 ng
RT: 10.998 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

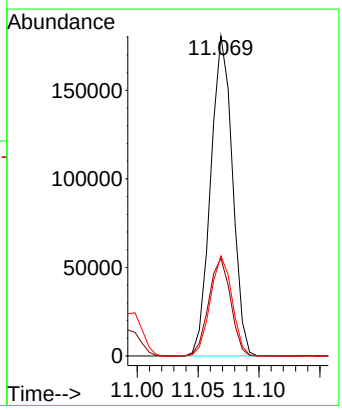


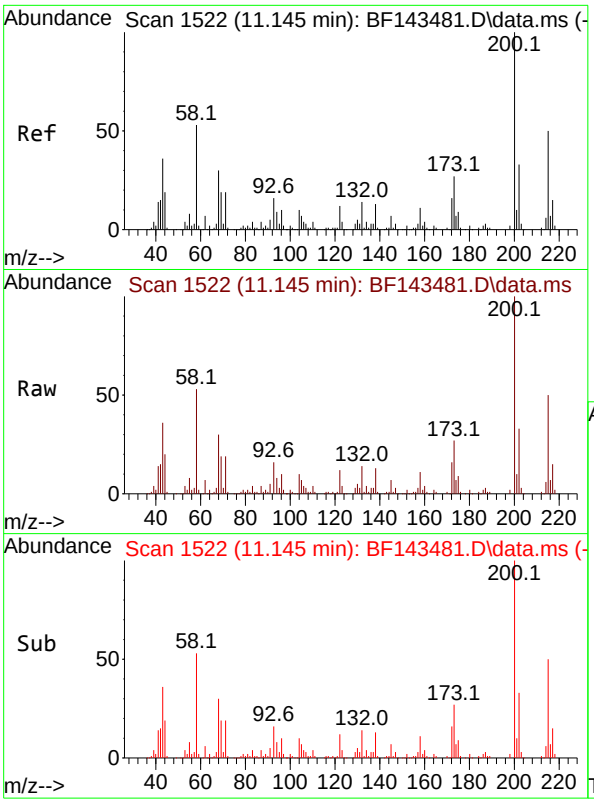


#68
Hexachlorobenzene
Concen: 39.989 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



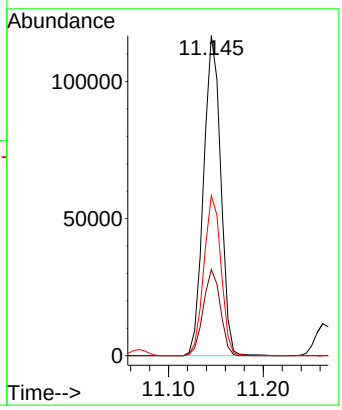


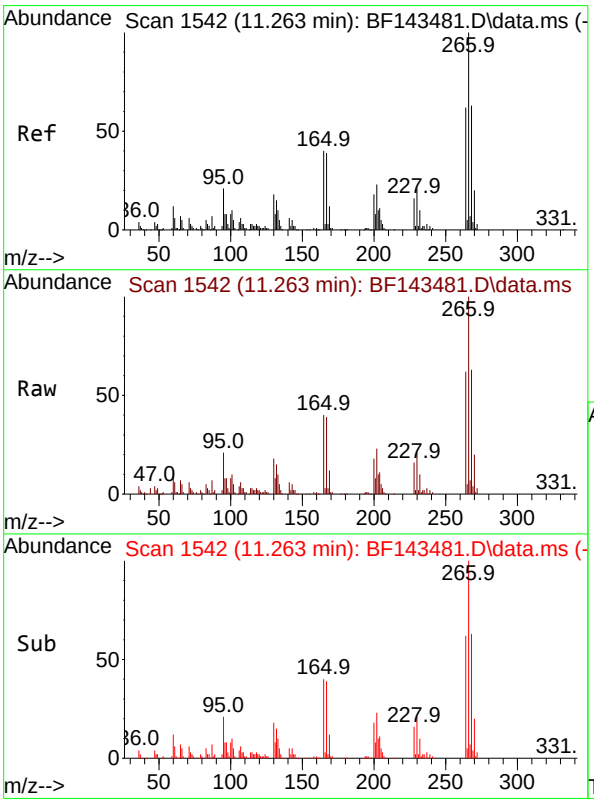
#69
Atrazine
Concen: 40.437 ng
RT: 11.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

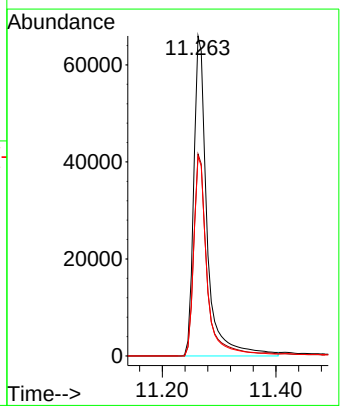


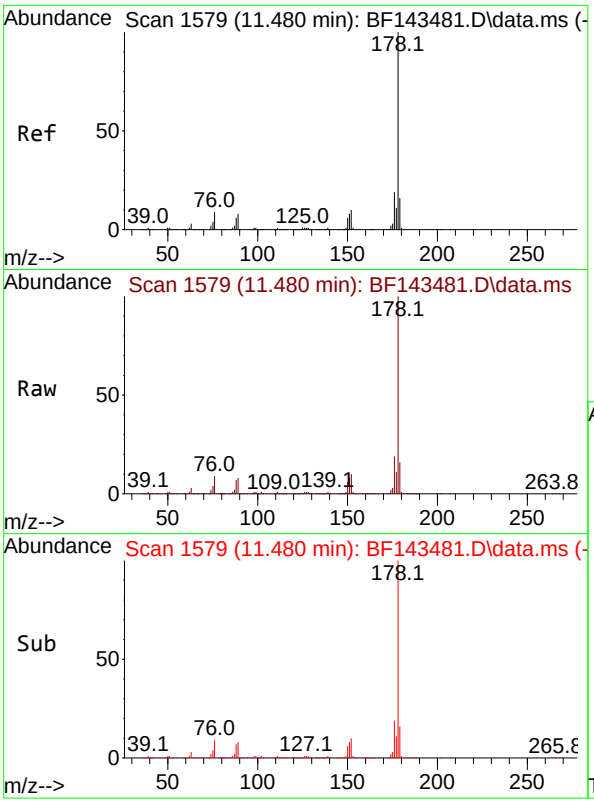


#70
Pentachlorophenol
Concen: 42.121 ng
RT: 11.263 min Scan# 1542
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



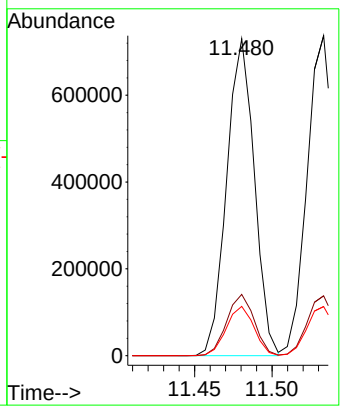


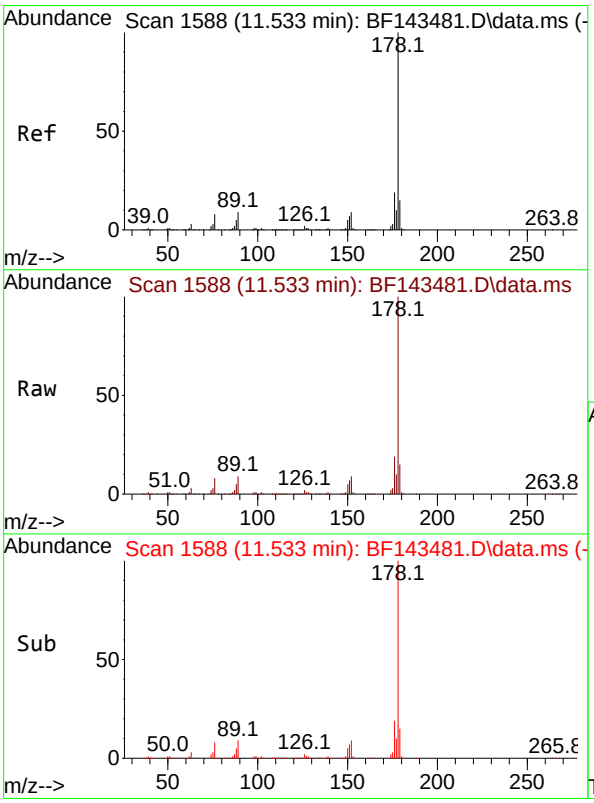
#71
Phenanthrene
Concen: 38.800 ng
RT: 11.480 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

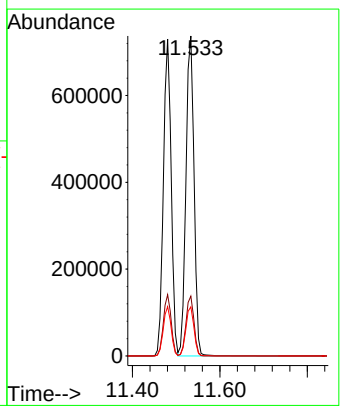


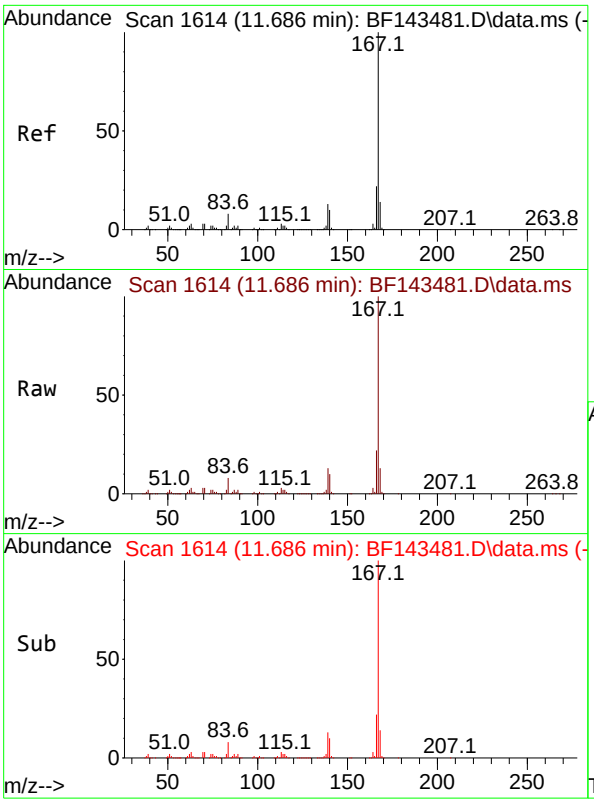


#72
Anthracene
Concen: 39.587 ng
RT: 11.533 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



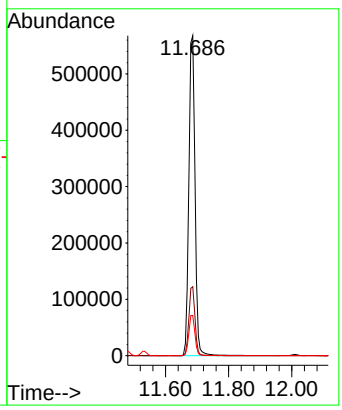


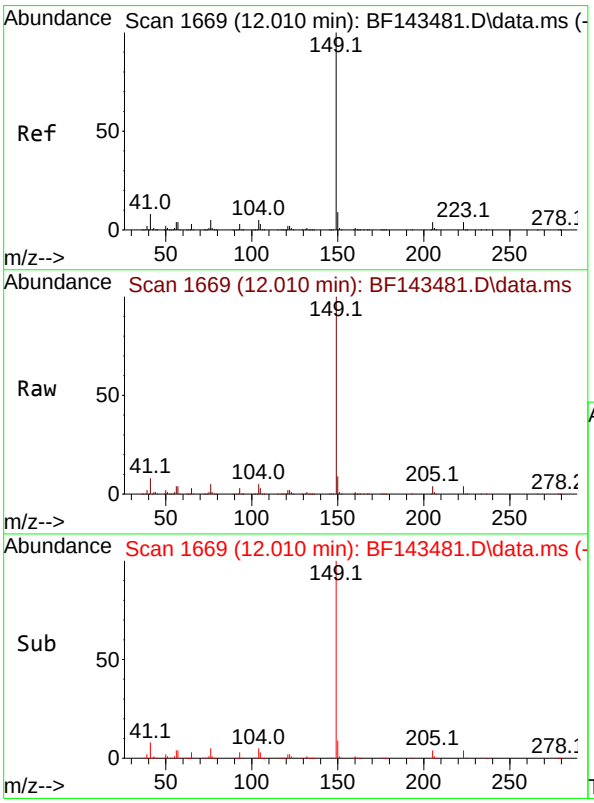
#73
Carbazole
Concen: 39.704 ng
RT: 11.686 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

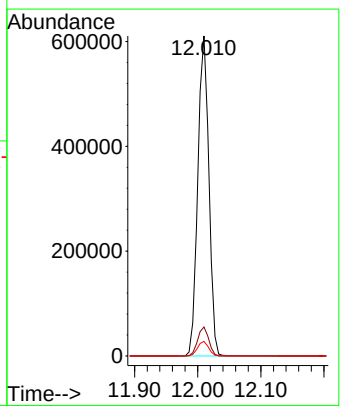


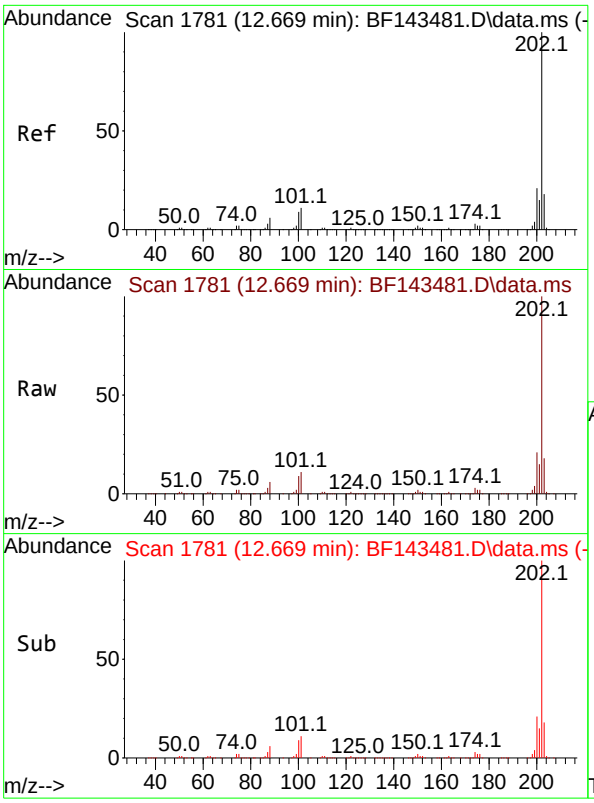


#74
Di-n-butylphthalate
Concen: 40.975 ng
RT: 12.010 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



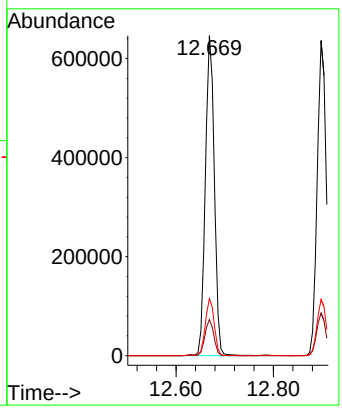


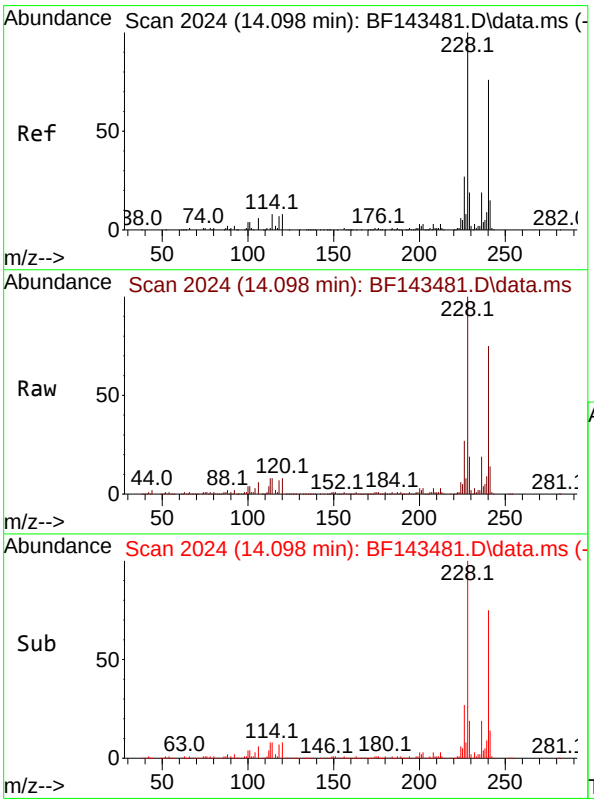
#75
Fluoranthene
Concen: 39.378 ng
RT: 12.669 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

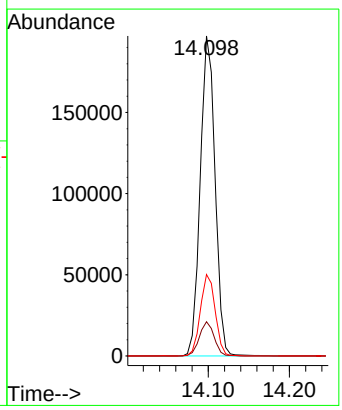


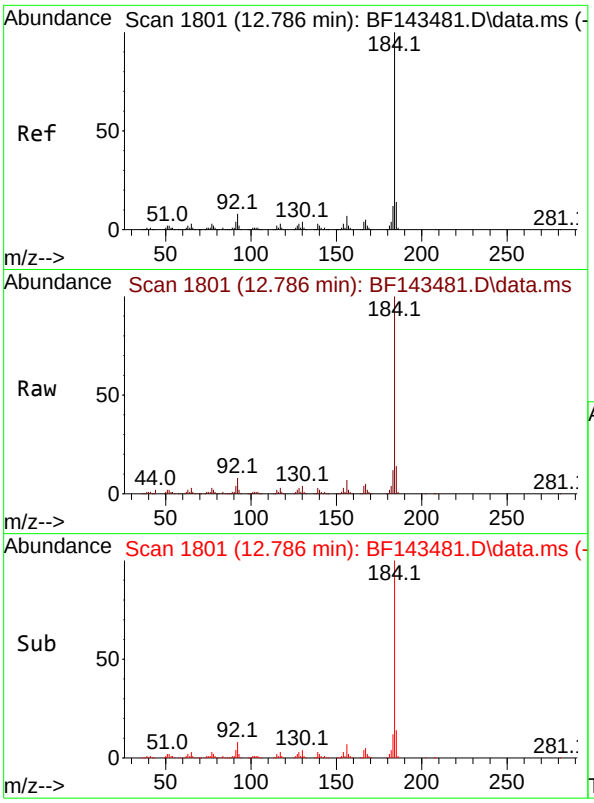


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



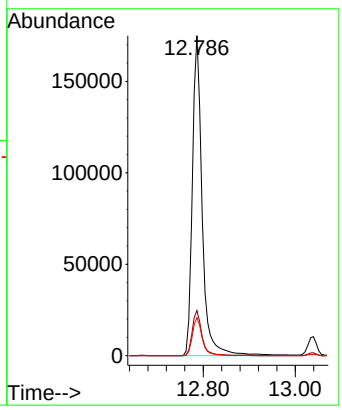


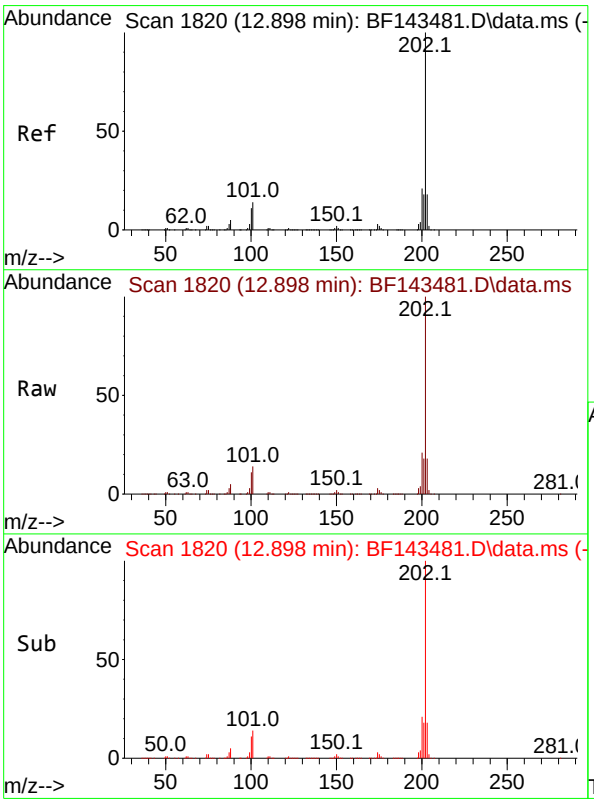
#77
Benzidine
Concen: 42.403 ng
RT: 12.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

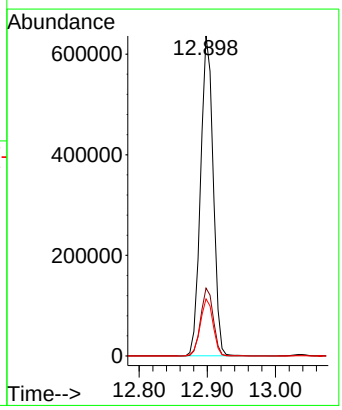


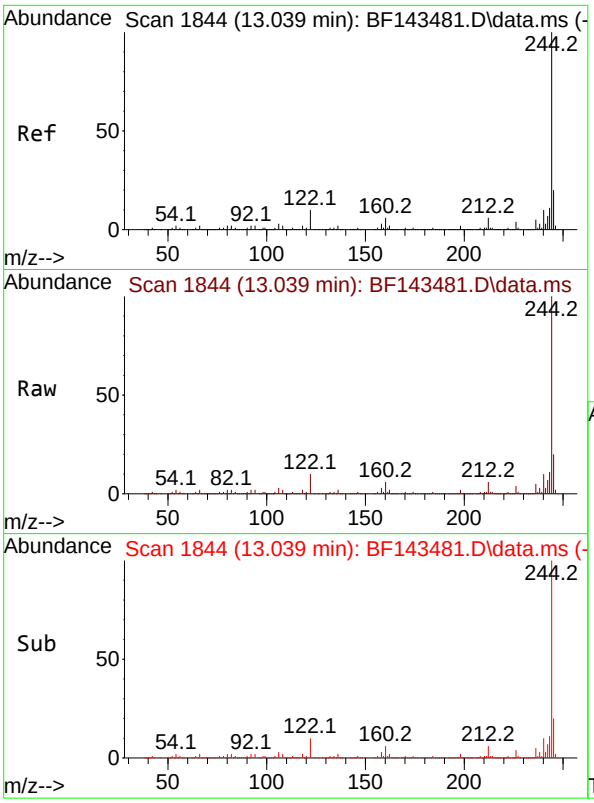


#78
Pyrene
Concen: 39.759 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



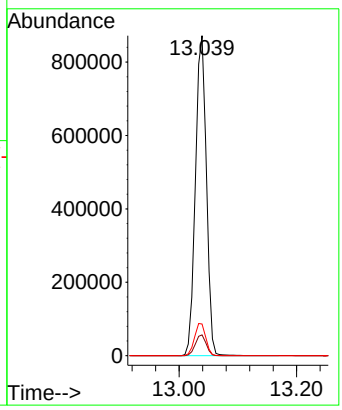


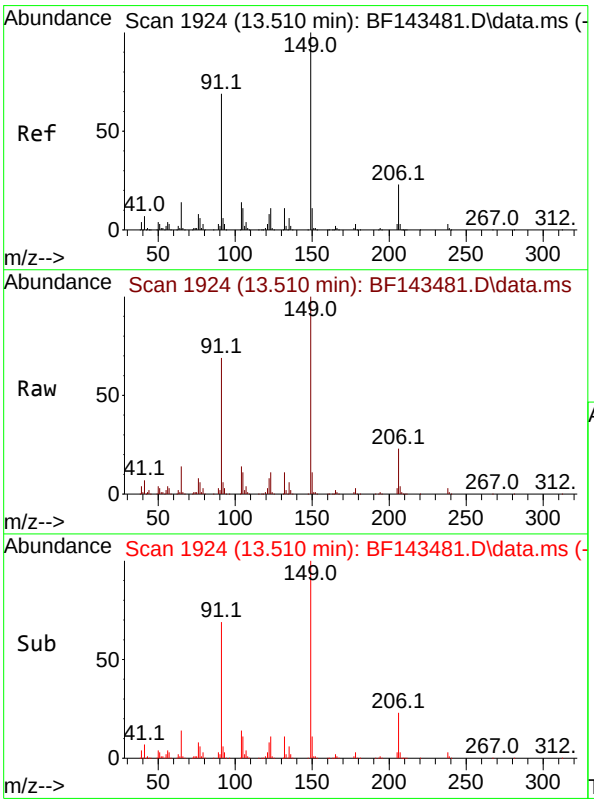
#79
Terphenyl-d14
Concen: 78.865 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

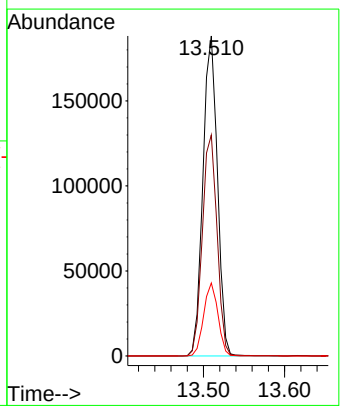


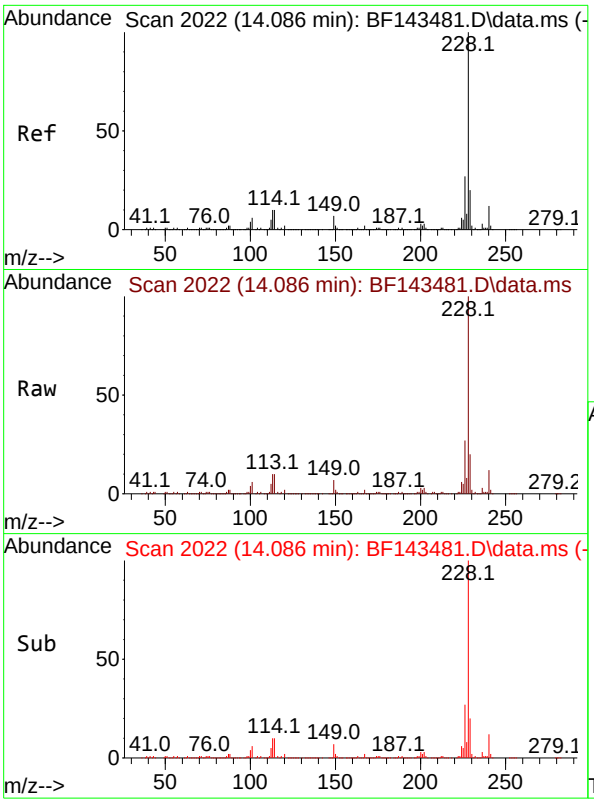


#80
Butylbenzylphthalate
Concen: 41.552 ng
RT: 13.510 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



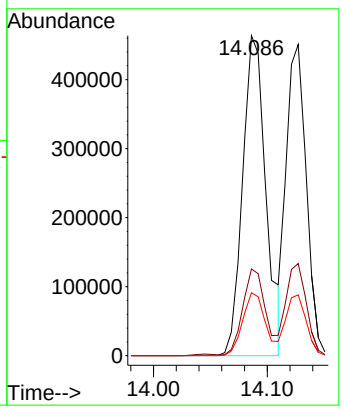


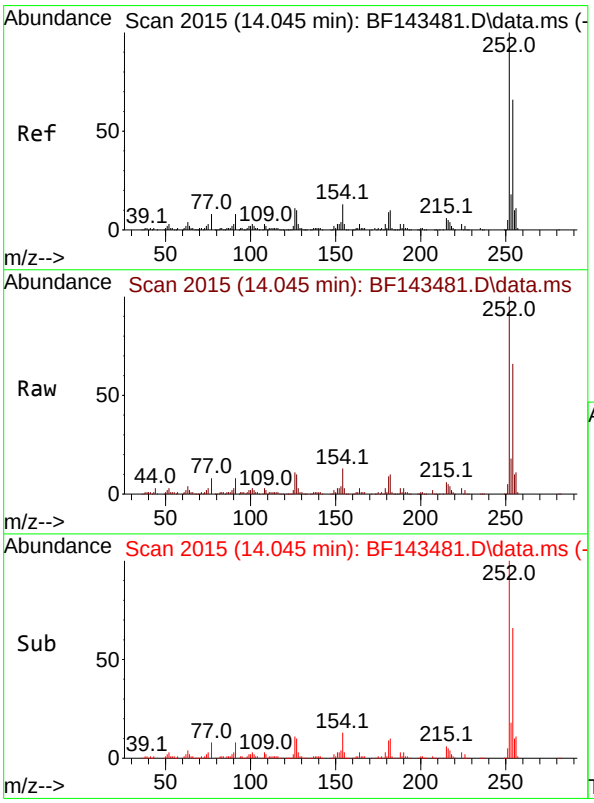
#81
Benzo(a)anthracene
Concen: 40.938 ng
RT: 14.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

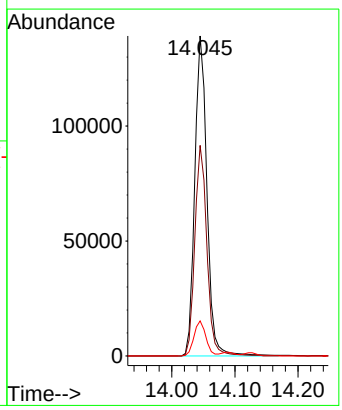


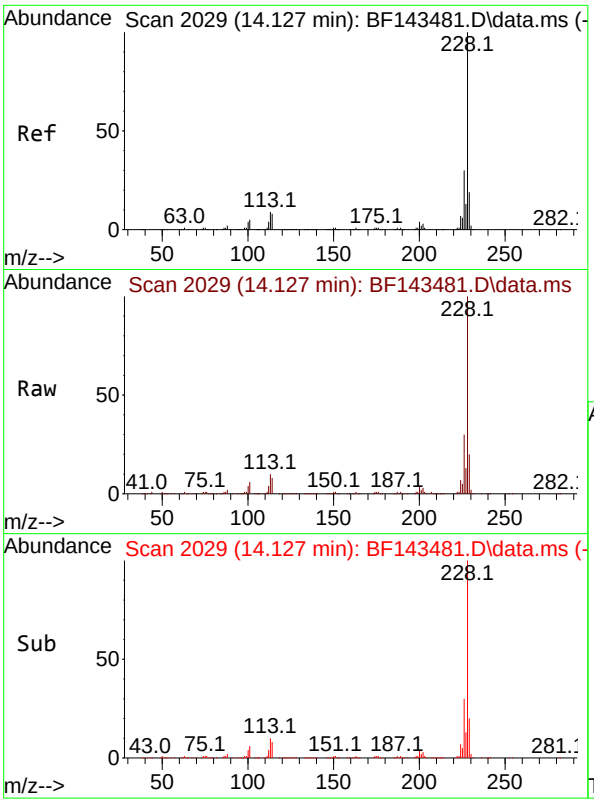


#82
3,3'-Dichlorobenzidine
Concen: 40.425 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



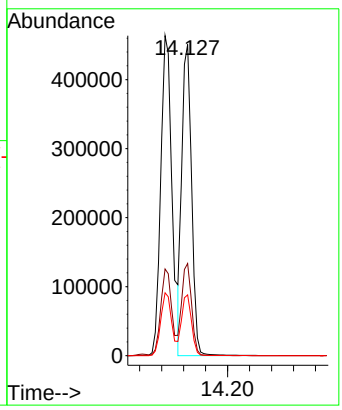


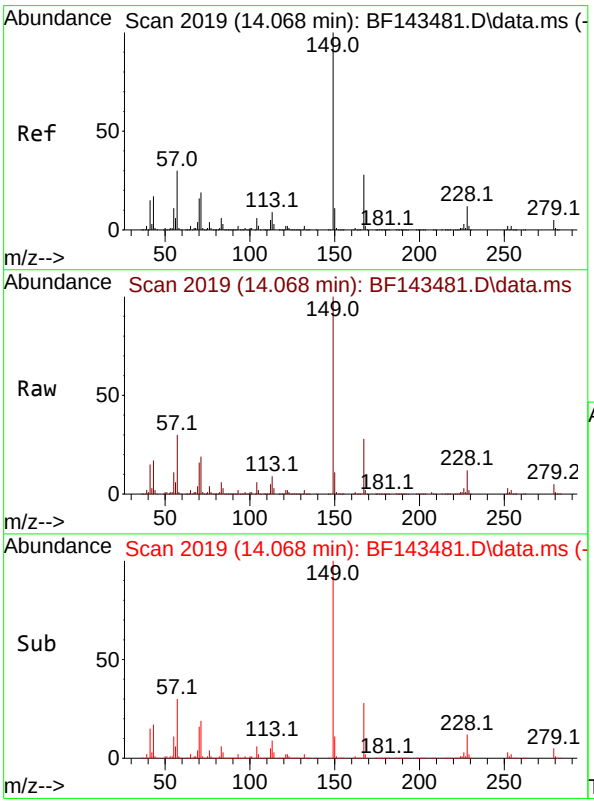
#83
Chrysene
Concen: 38.482 ng
RT: 14.127 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

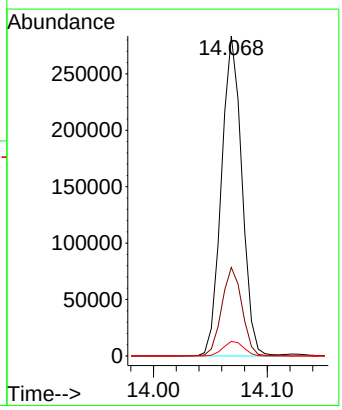


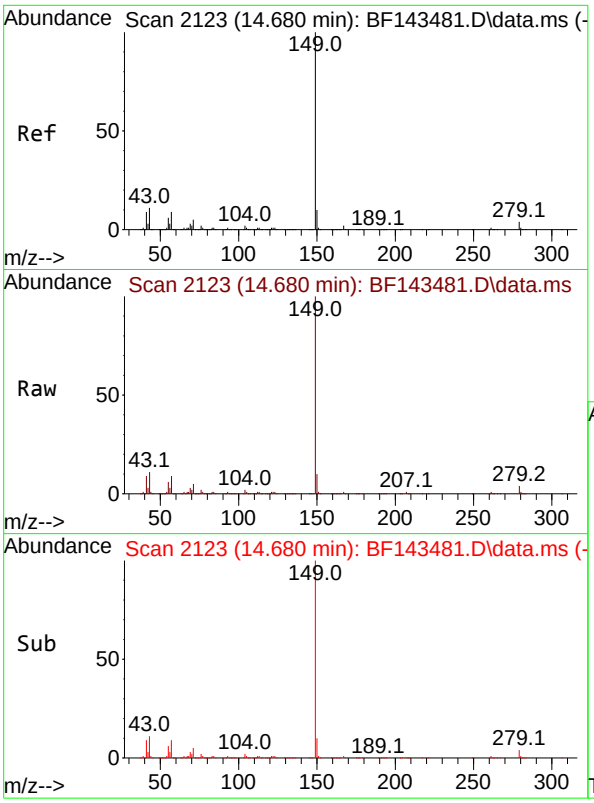


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.471 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



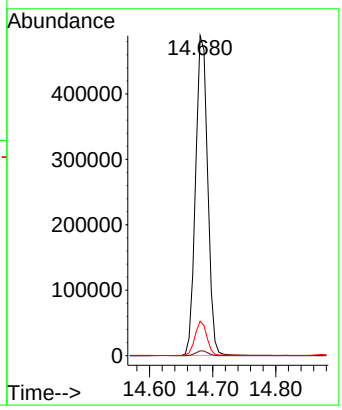


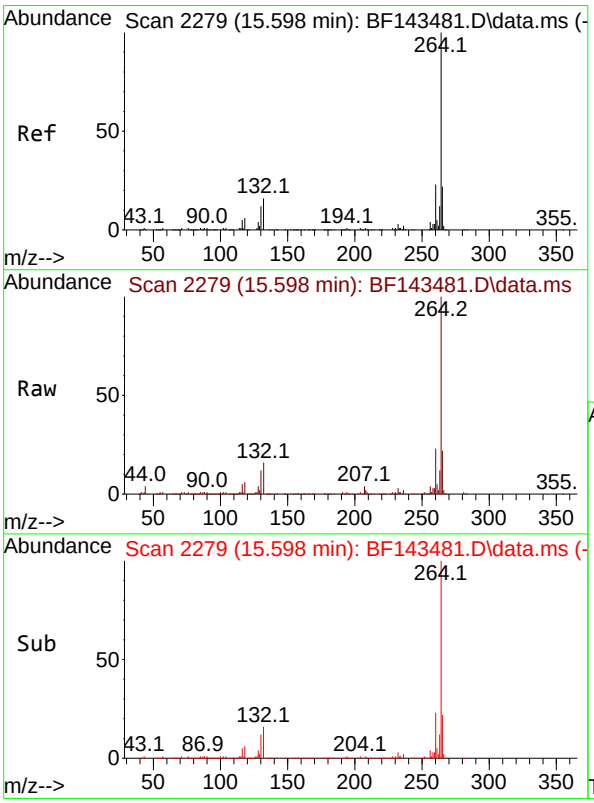
#85
Di-n-octyl phthalate
Concen: 40.959 ng
RT: 14.680 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

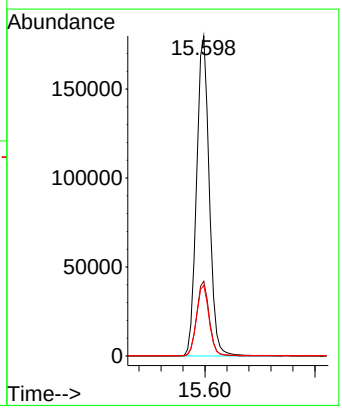


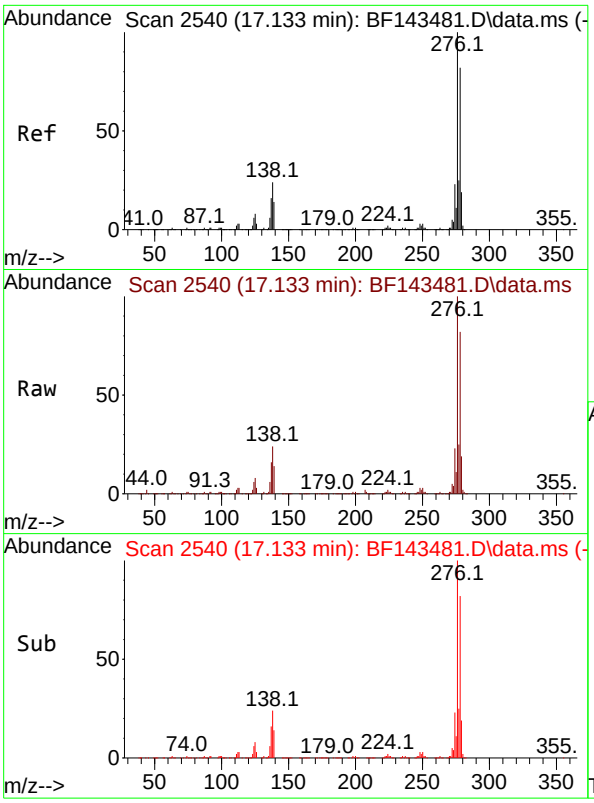


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



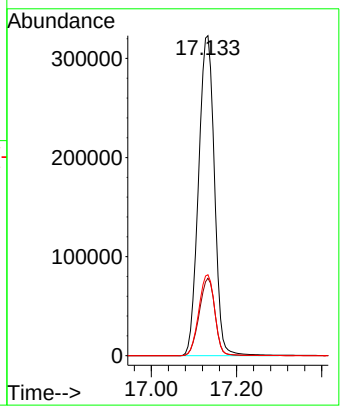


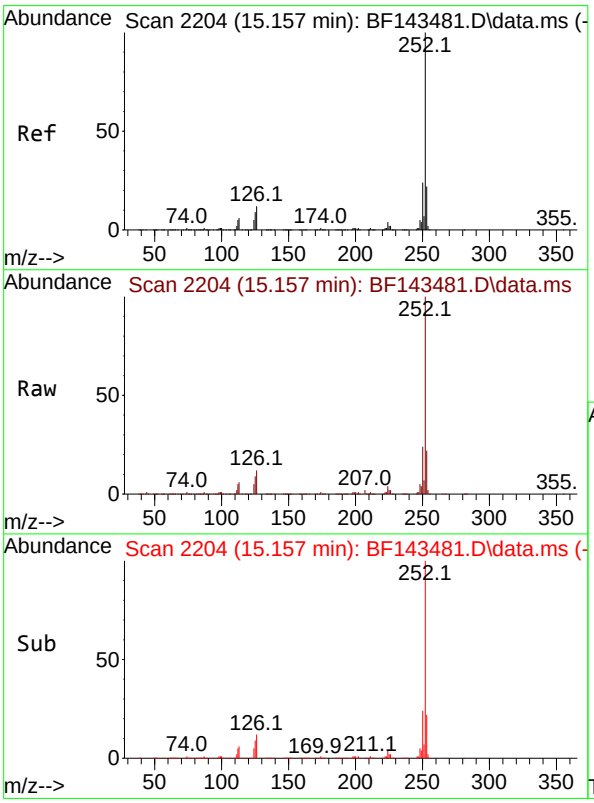
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.334 ng
RT: 17.133 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

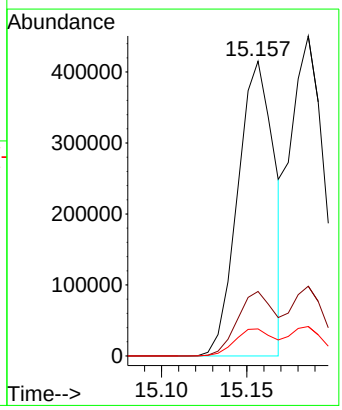


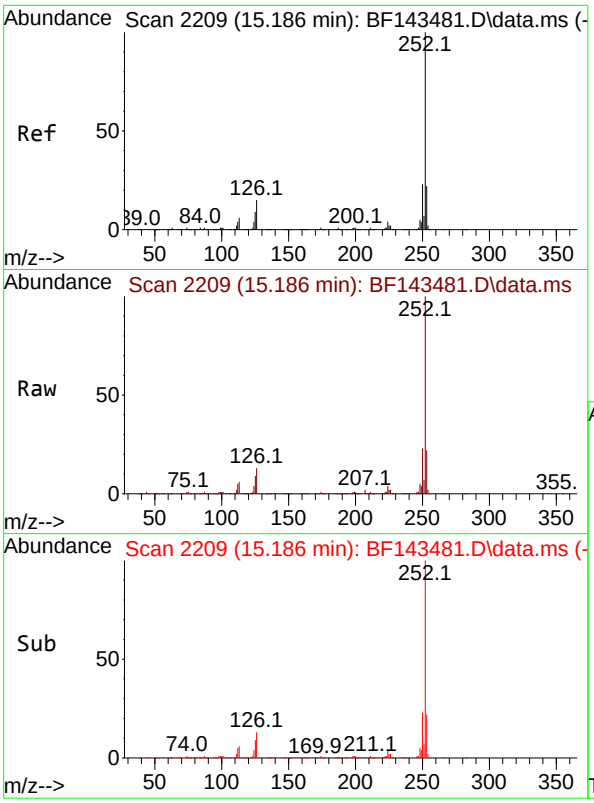


#88
Benzo(b)fluoranthene
Concen: 38.627 ng
RT: 15.157 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



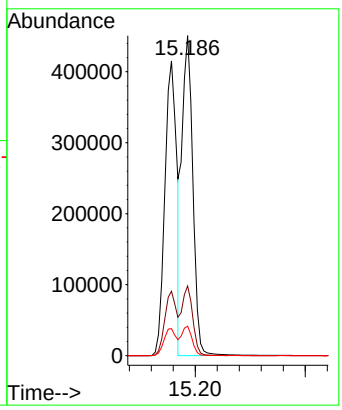


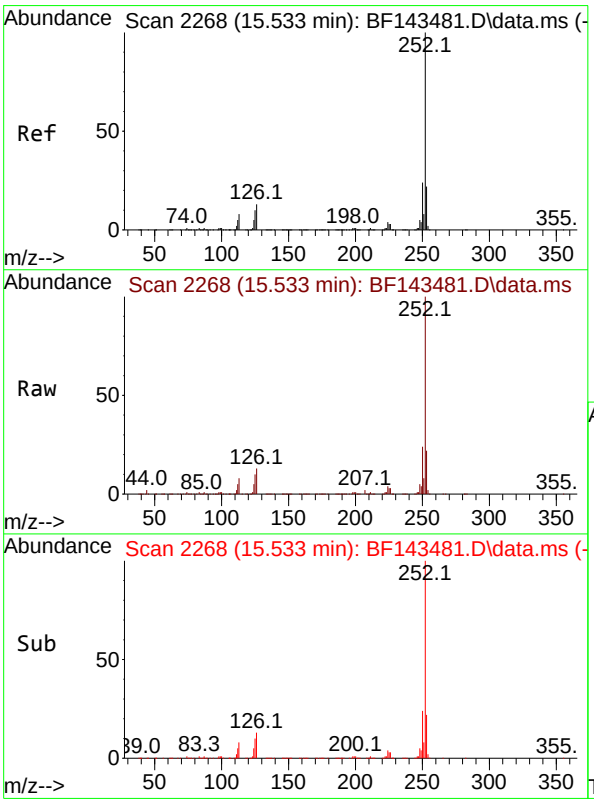
#89
Benzo(k)fluoranthene
Concen: 40.628 ng
RT: 15.186 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

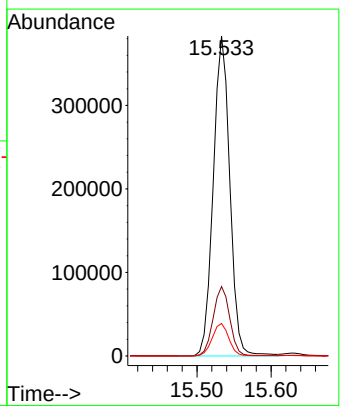


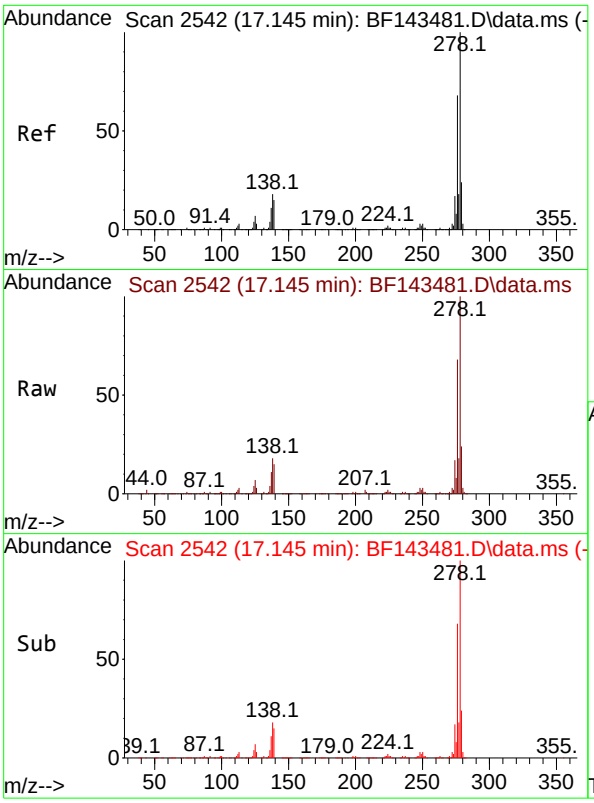


#90
Benzo(a)pyrene
Concen: 39.996 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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



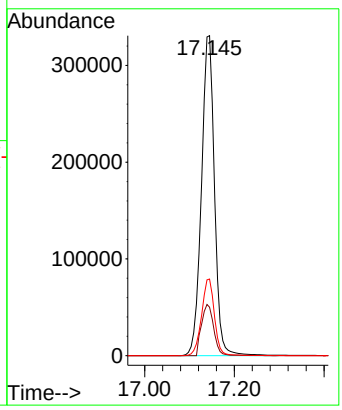


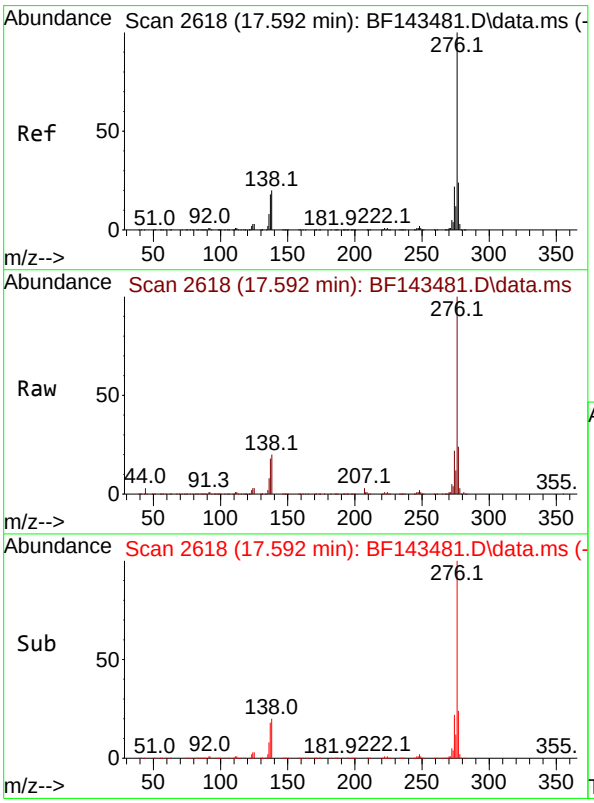
#91
Dibenzo(a,h)anthracene
Concen: 40.370 ng
RT: 17.145 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

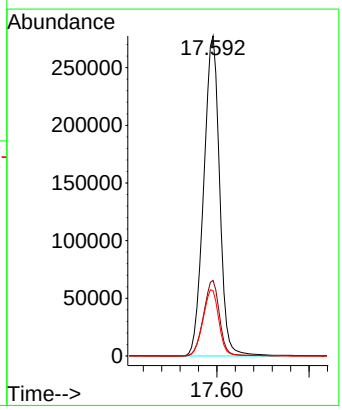




#92
Benzo(g,h,i)perylene
Concen: 40.417 ng
RT: 17.592 min Scan# 2618
Delta R.T. -0.012 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

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

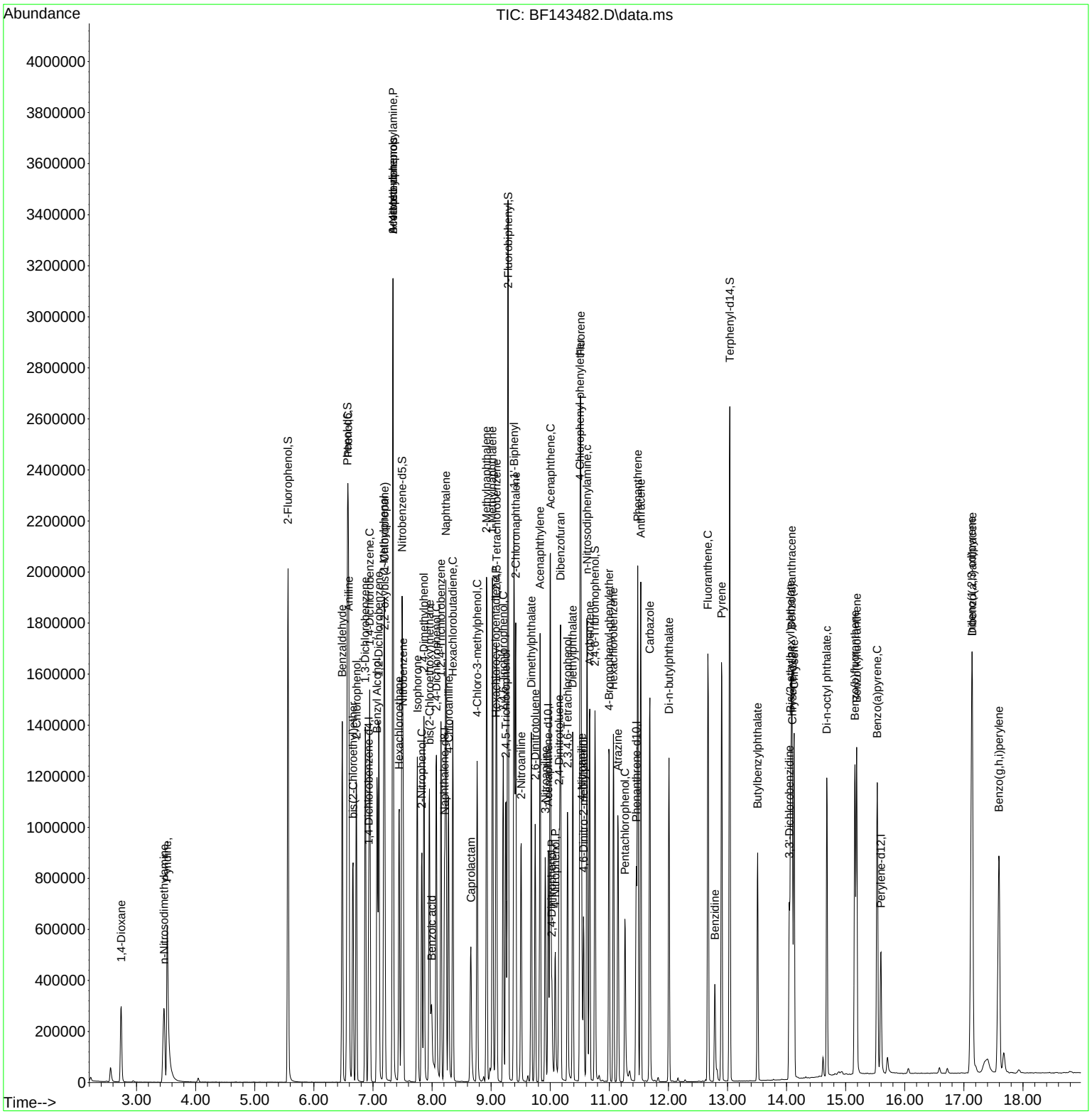
(#) = qualifier out of range (m) = manual integration (+) = signals summed

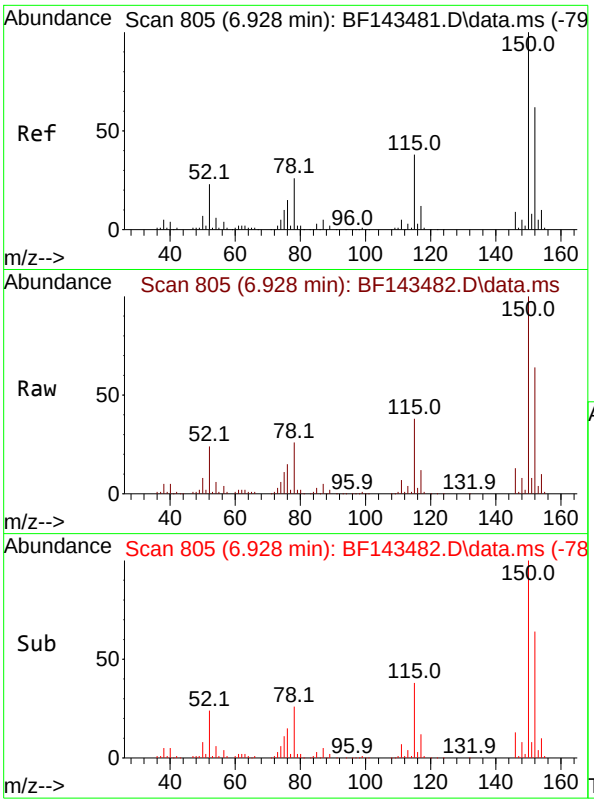
ICAL Form

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



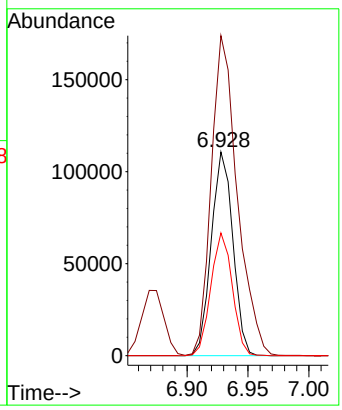


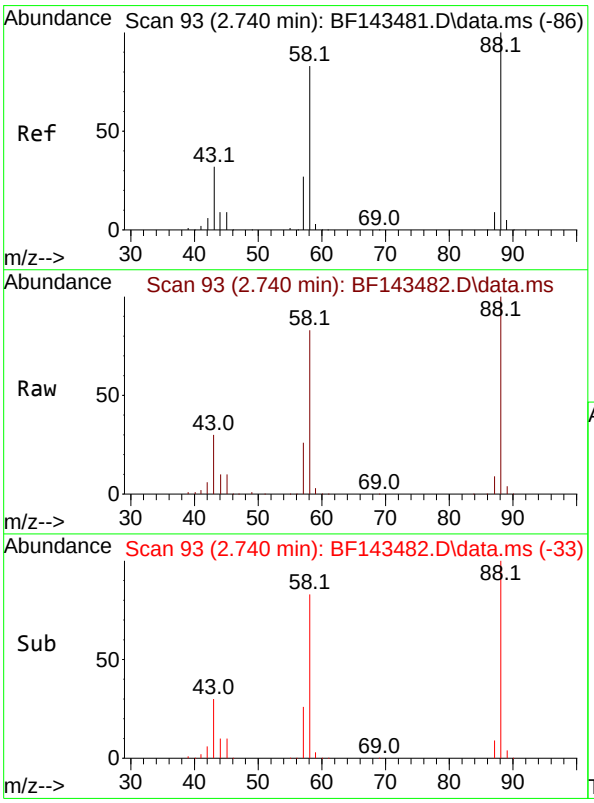
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

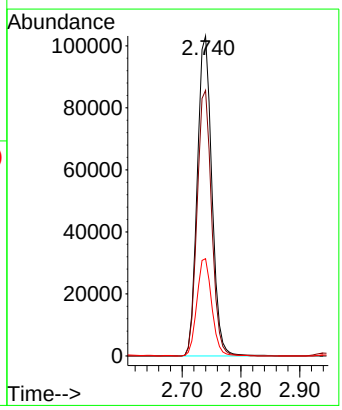


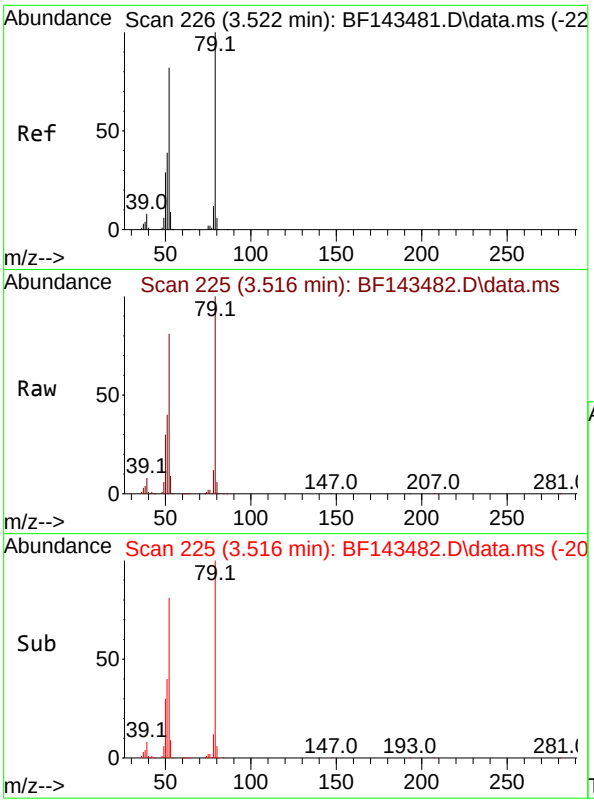


#2
1,4-Dioxane
Concen: 48.893 ng
RT: 2.740 min Scan# 93
Delta R.T. 0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



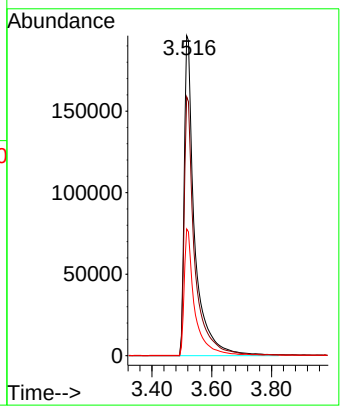


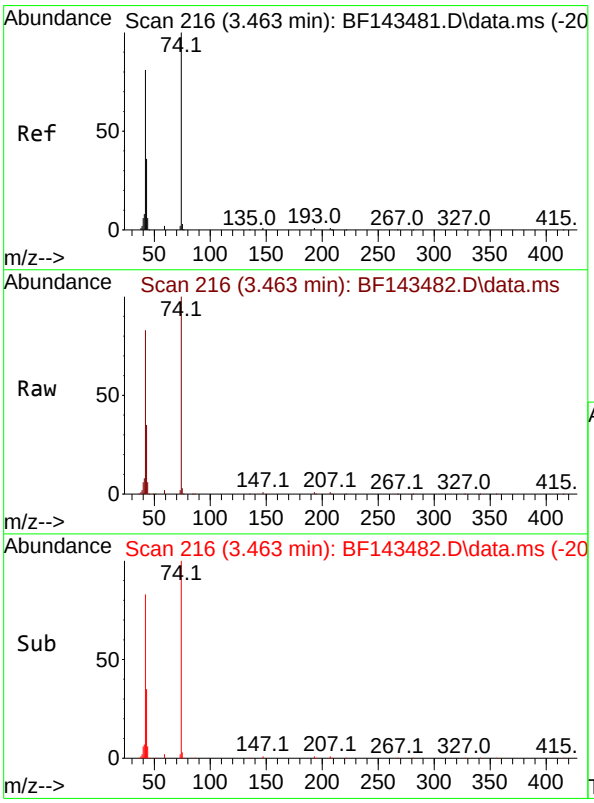
#3
Pyridine
Concen: 49.153 ng
RT: 3.516 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

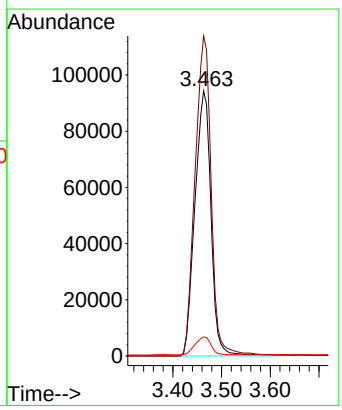


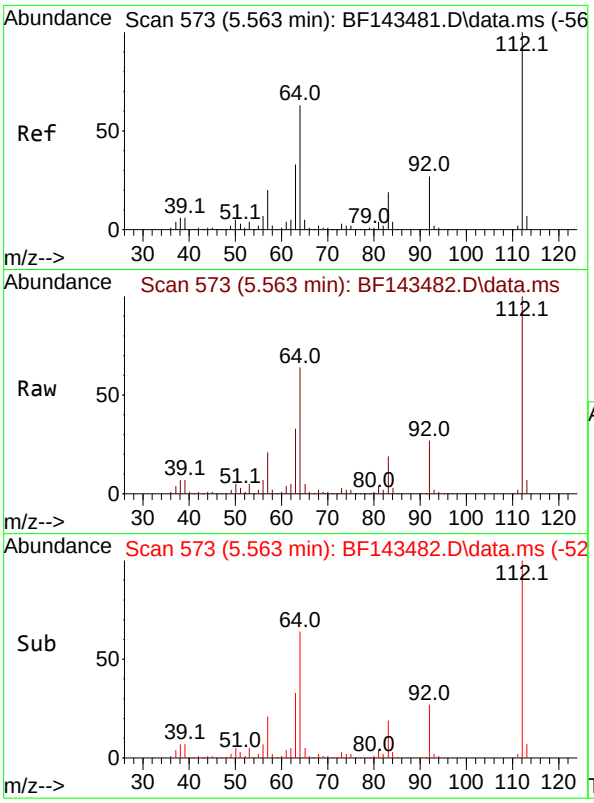


#4
n-Nitrosodimethylamine
Concen: 49.825 ng
RT: 3.463 min Scan# 216
Delta R.T. -0.012 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



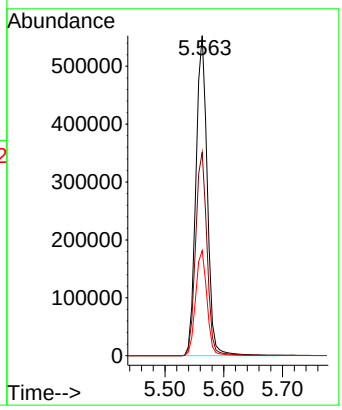


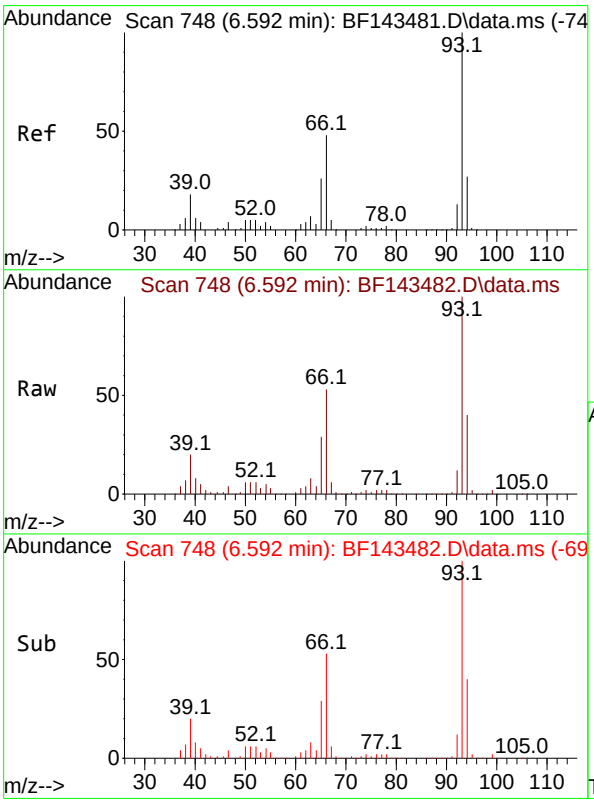
#5
2-Fluorophenol
Concen: 94.894 ng
RT: 5.563 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

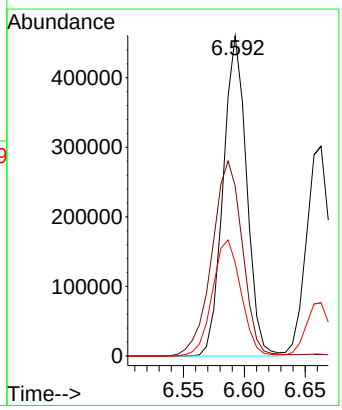


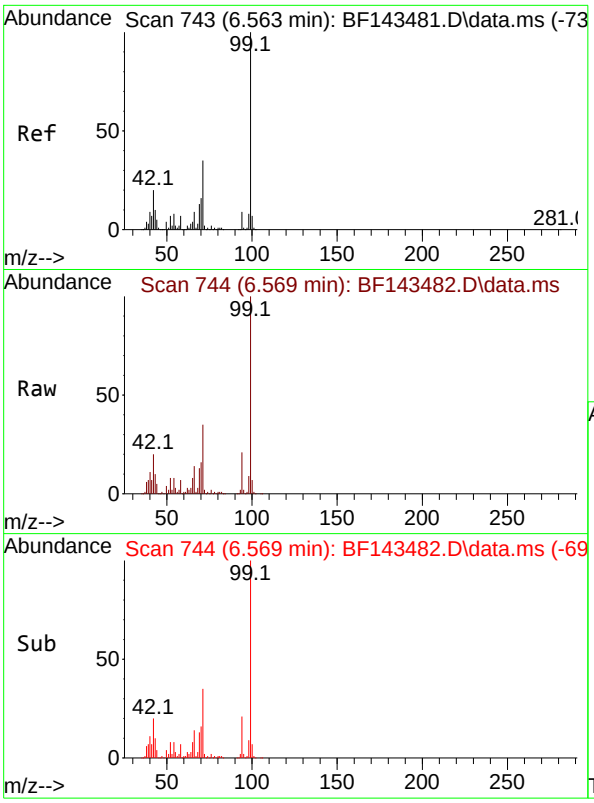


#6
Aniline
Concen: 47.614 ng
RT: 6.592 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



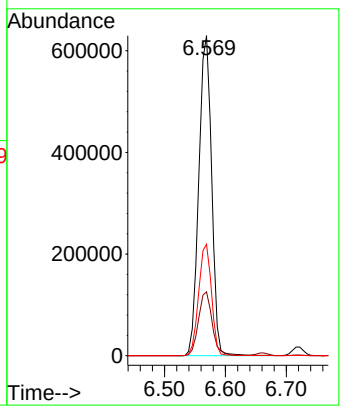


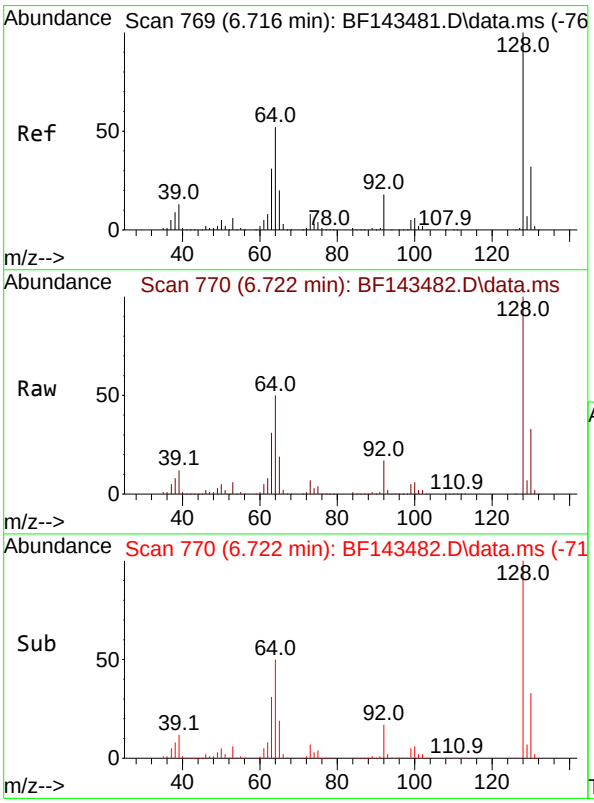
#7
Phenol-d6
Concen: 94.880 ng
RT: 6.569 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

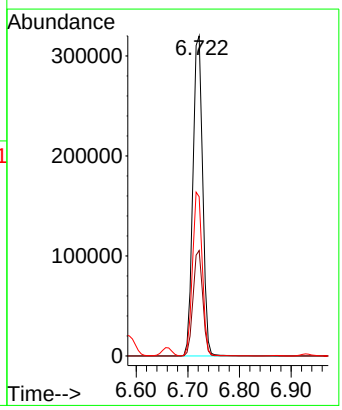


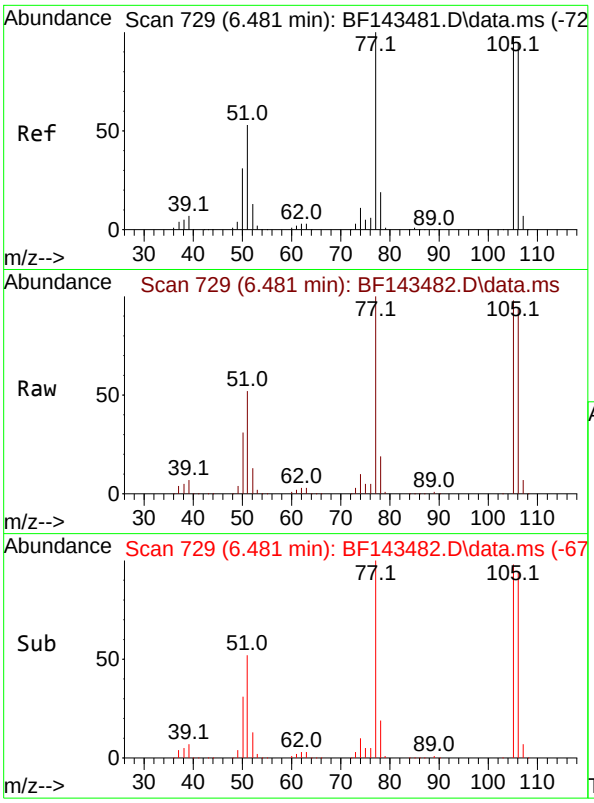


#8
2-Chlorophenol
Concen: 48.589 ng
RT: 6.722 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



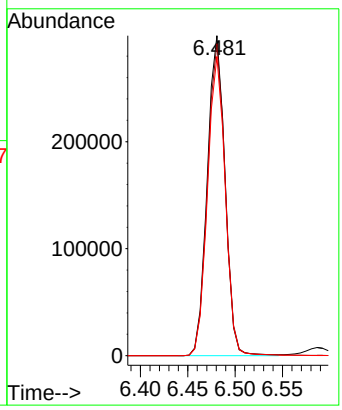


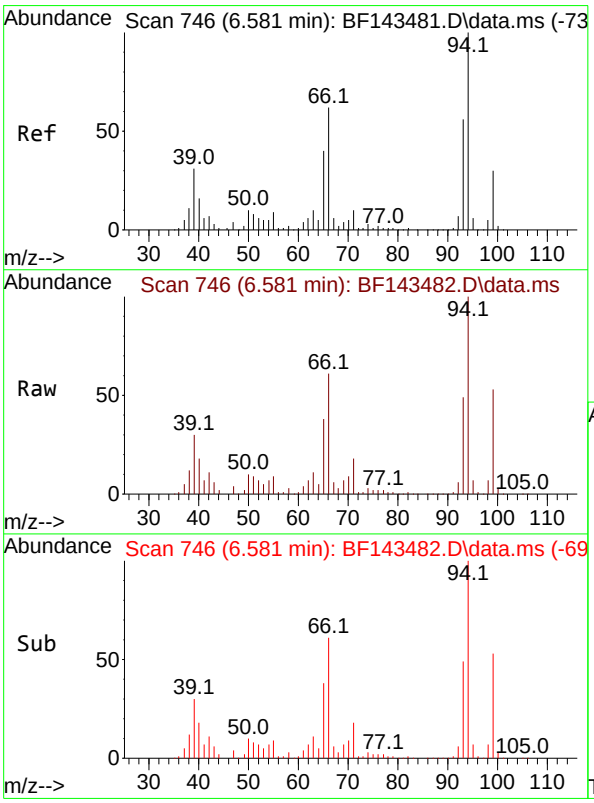
#9
Benzaldehyde
Concen: 49.497 ng
RT: 6.481 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

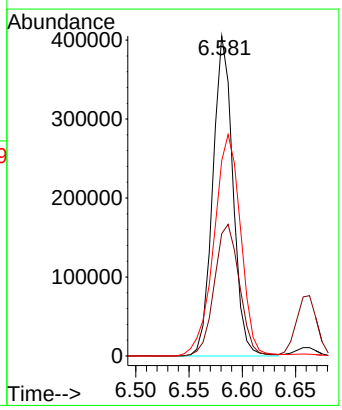


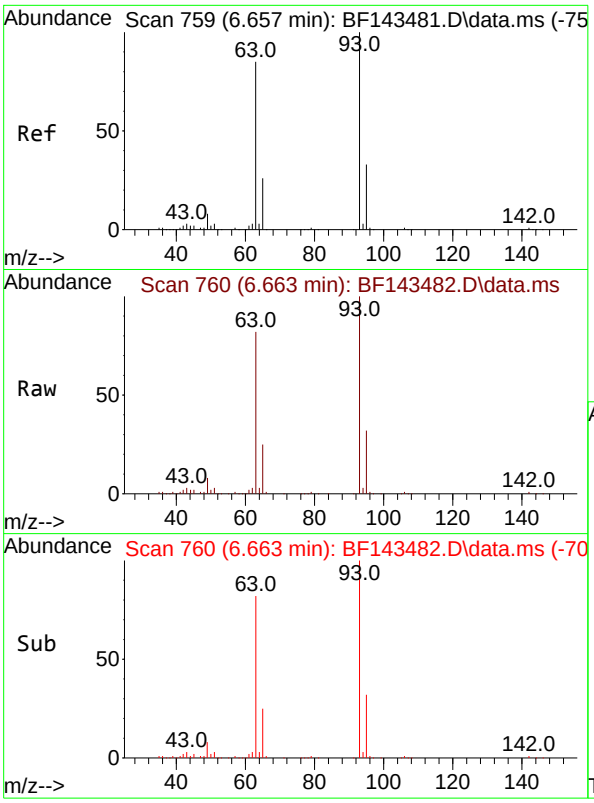


#10
Phenol
Concen: 47.696 ng
RT: 6.581 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



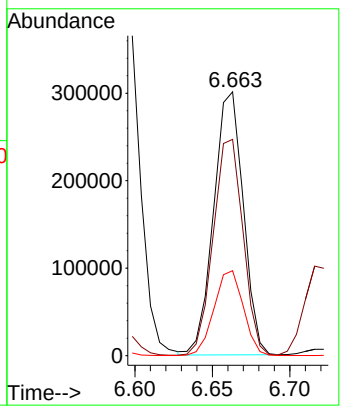


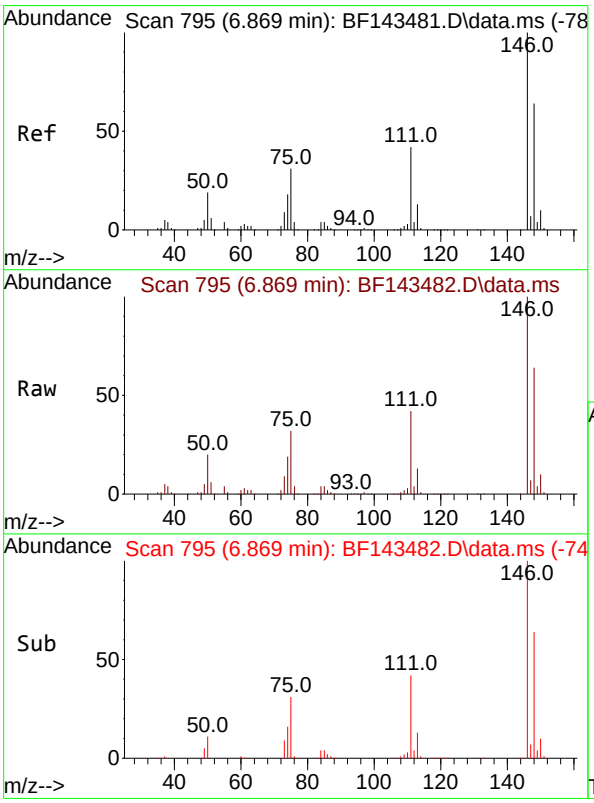
#11
bis(2-Chloroethyl)ether
Concen: 48.077 ng
RT: 6.663 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

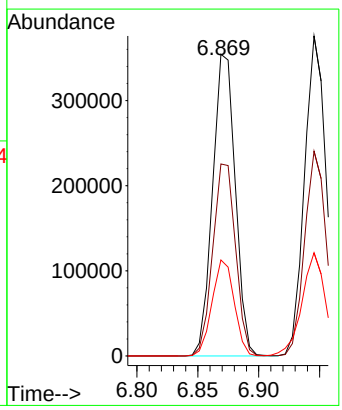


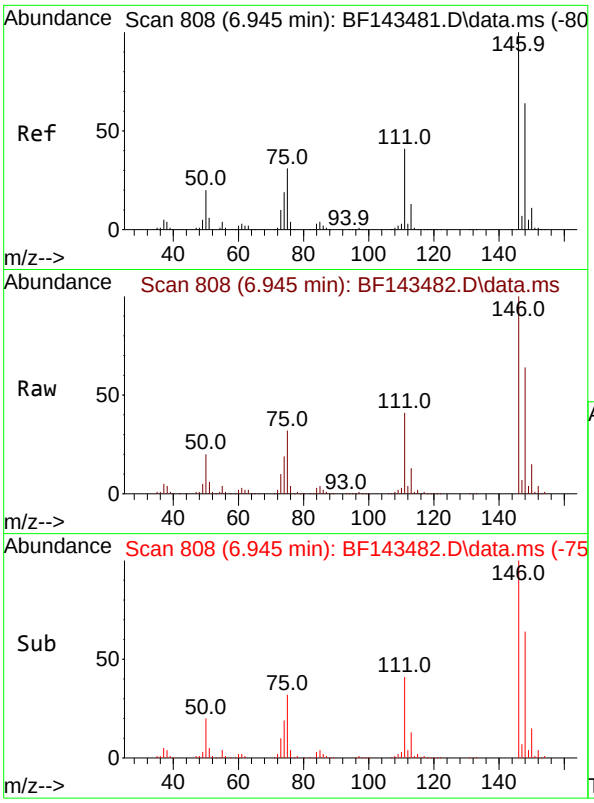


#12
1,3-Dichlorobenzene
Concen: 47.316 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



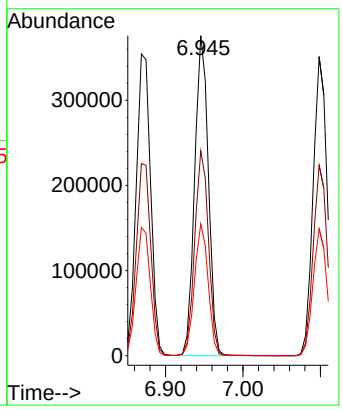


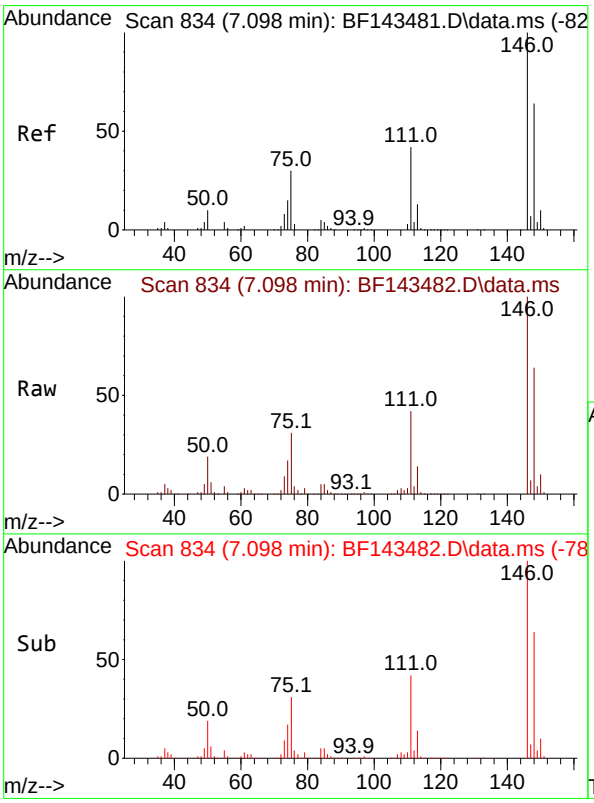
#13
1,4-Dichlorobenzene
Concen: 47.503 ng
RT: 6.945 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

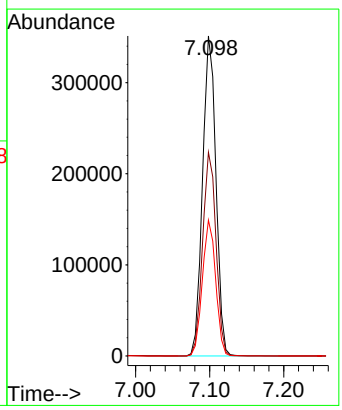


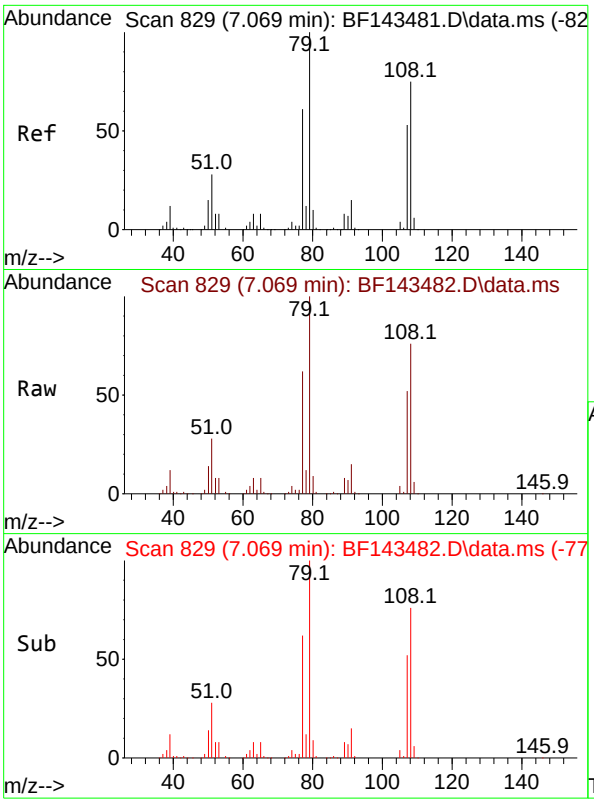


#14
1,2-Dichlorobenzene
Concen: 47.724 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



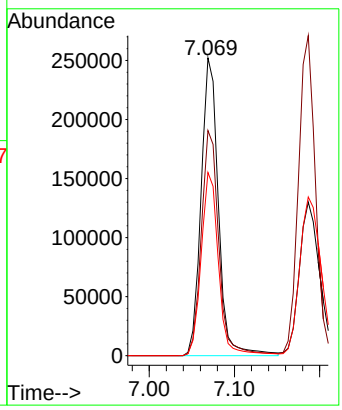


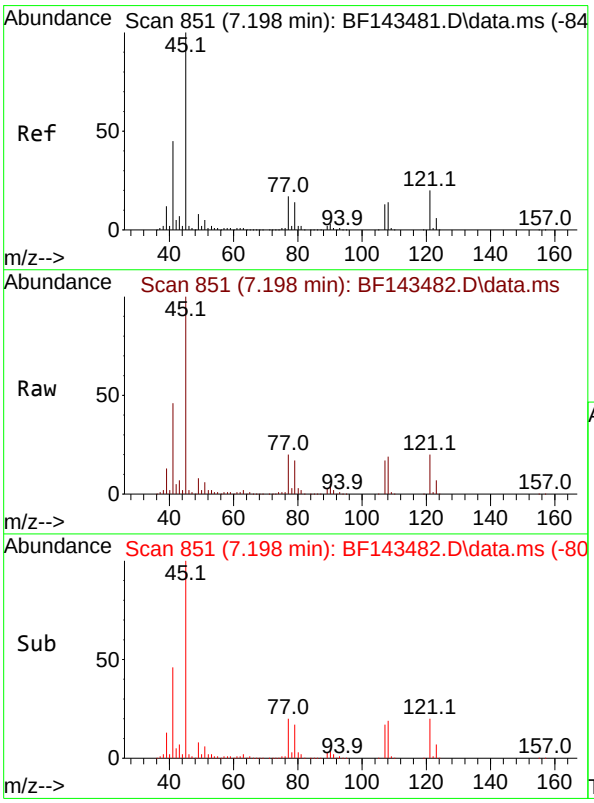
#15
Benzyl Alcohol
Concen: 49.130 ng
RT: 7.069 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

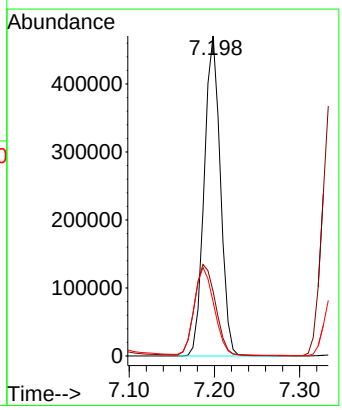


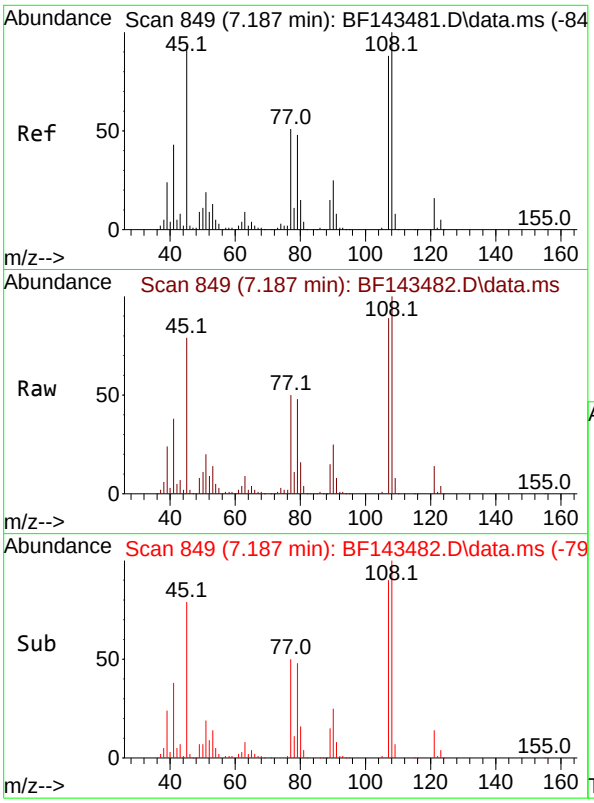


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.354 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



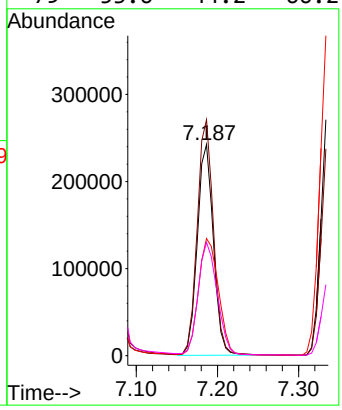


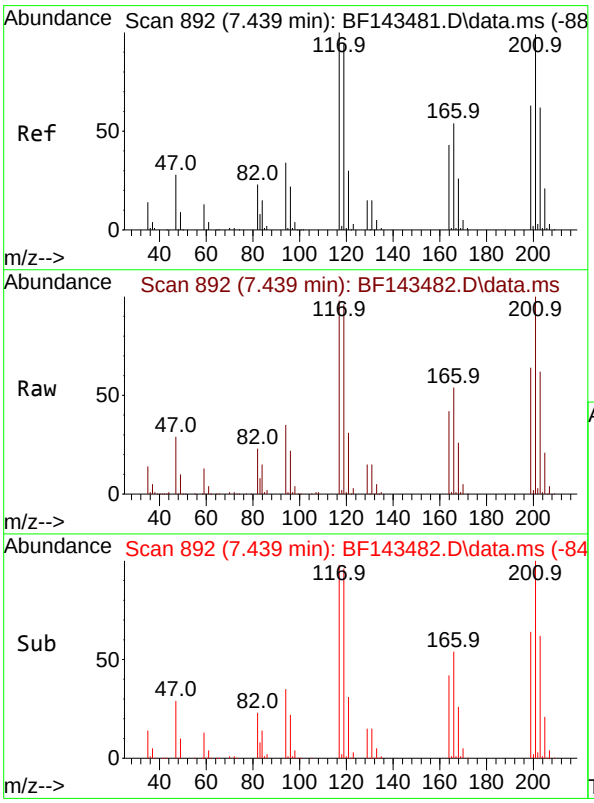
#17
2-Methylphenol
Concen: 48.029 ng
RT: 7.187 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

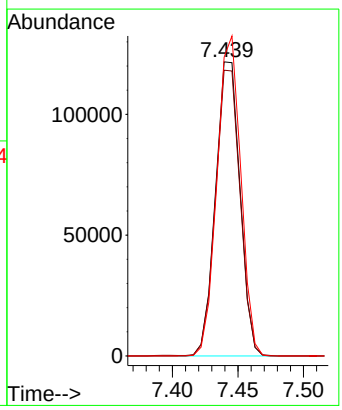


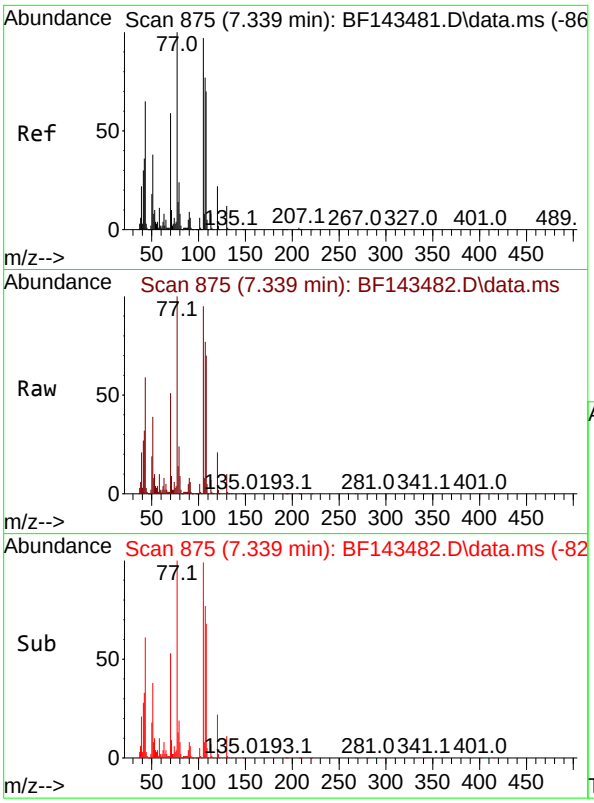


#18
Hexachloroethane
Concen: 47.633 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



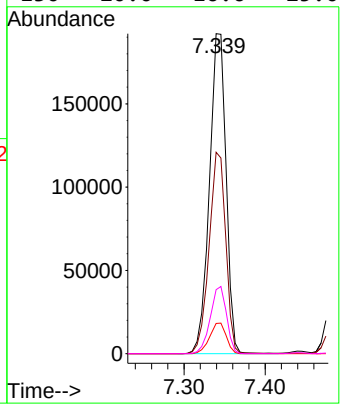


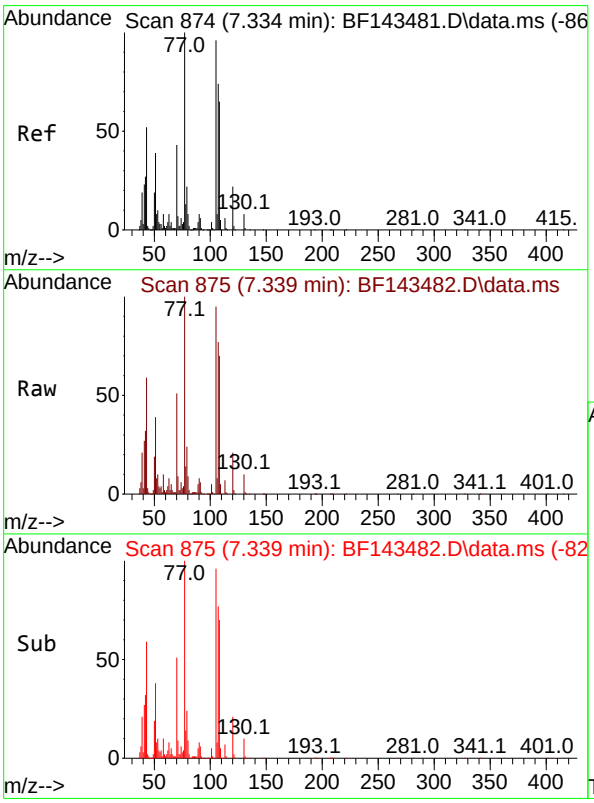
#19
n-Nitroso-di-n-propylamine
Concen: 46.266 ng
RT: 7.339 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

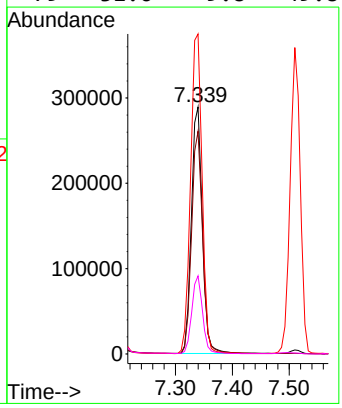


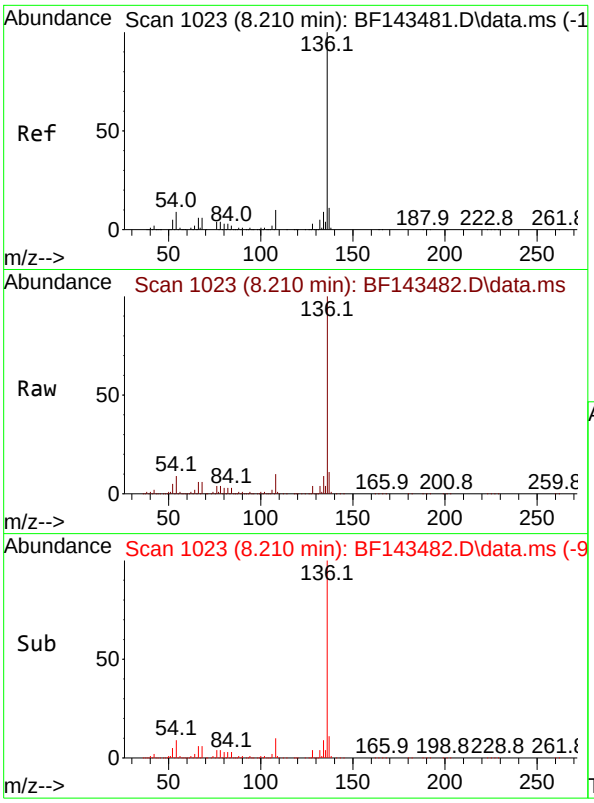


#20
3+4-Methylphenols
Concen: 47.167 ng
RT: 7.339 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



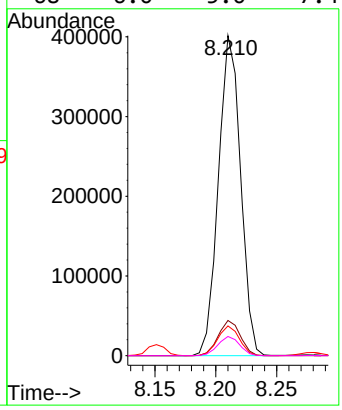


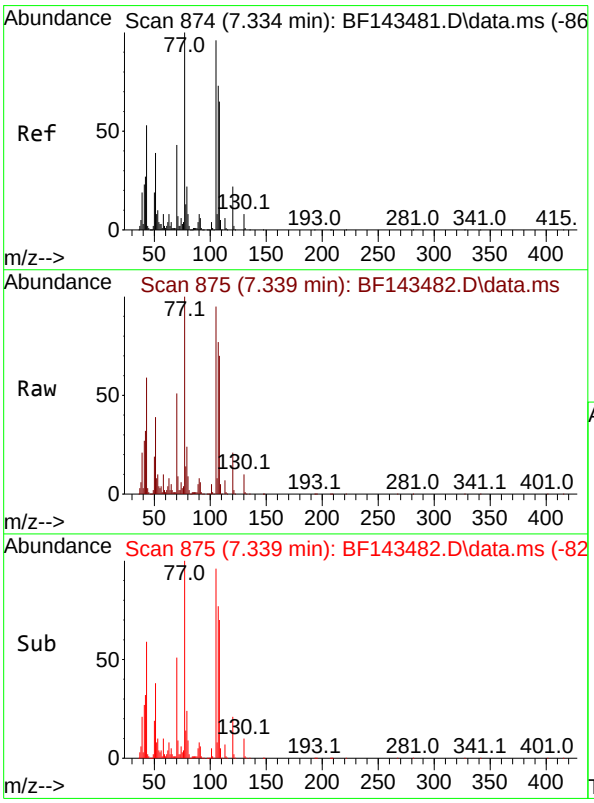
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

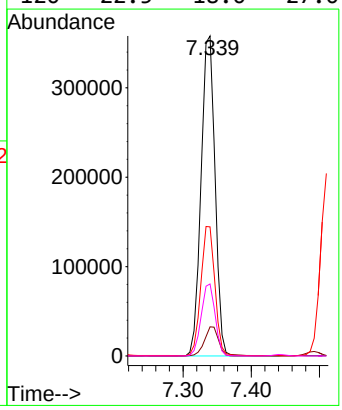


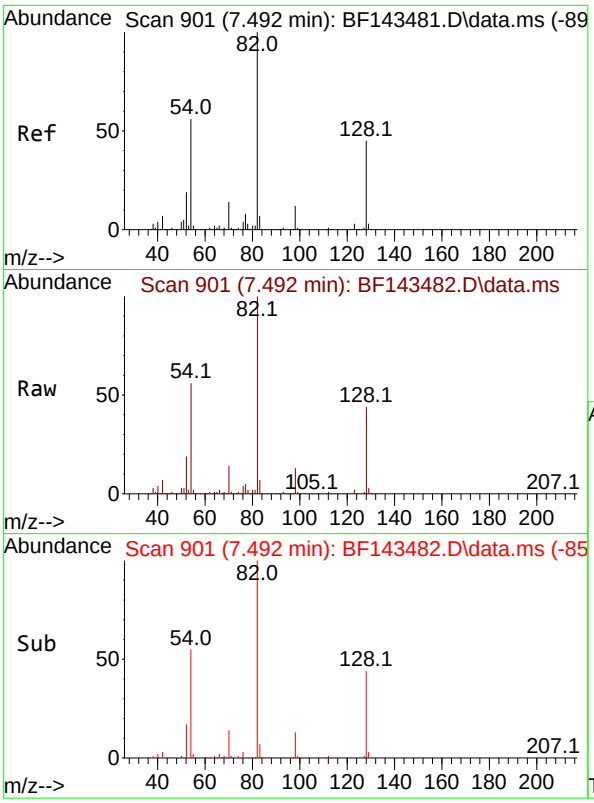


#22
Acetophenone
Concen: 46.526 ng
RT: 7.339 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



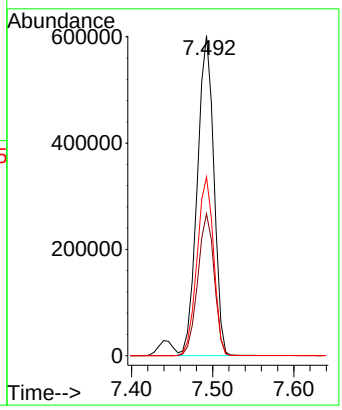


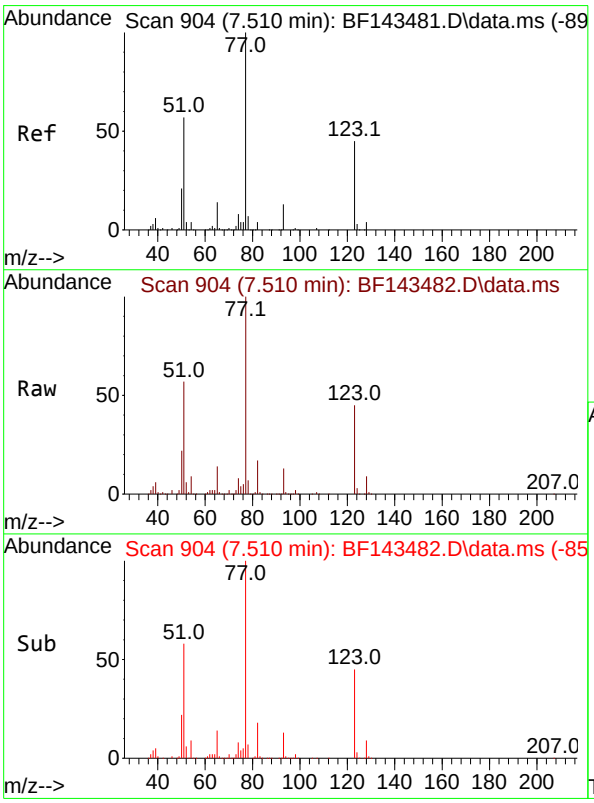
#23
Nitrobenzene-d5
Concen: 97.674 ng
RT: 7.492 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

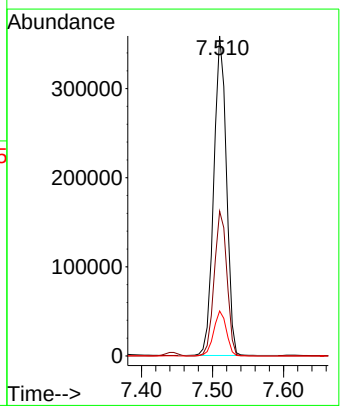


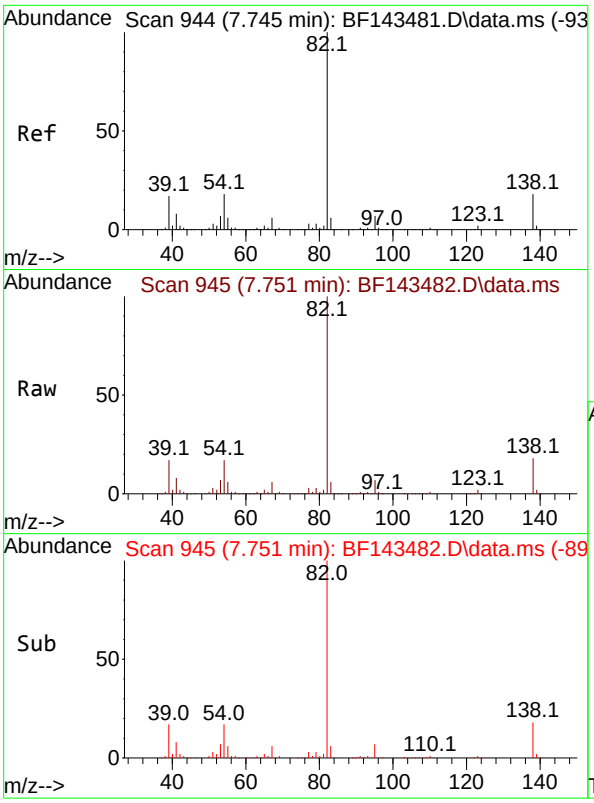


#24
Nitrobenzene
Concen: 49.387 ng
RT: 7.510 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



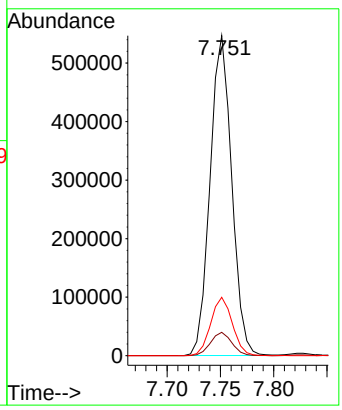


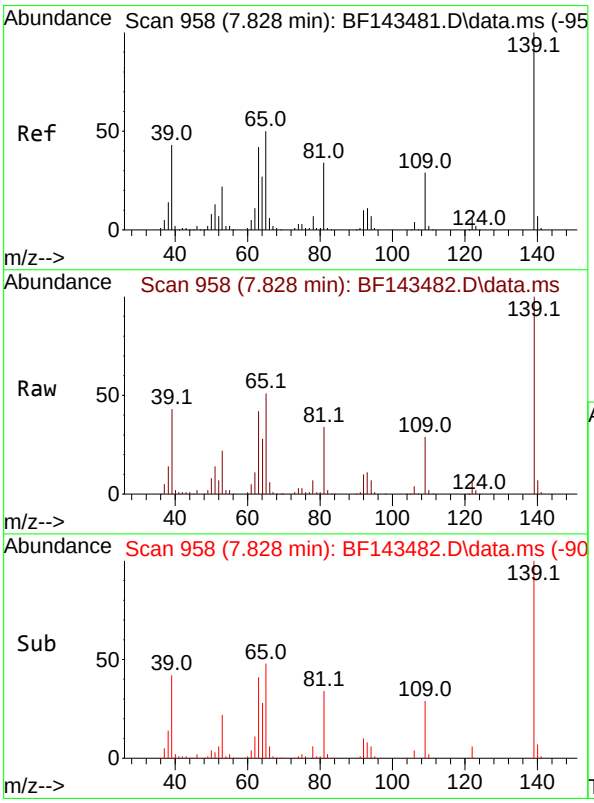
#25
Isophorone
Concen: 48.401 ng
RT: 7.751 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

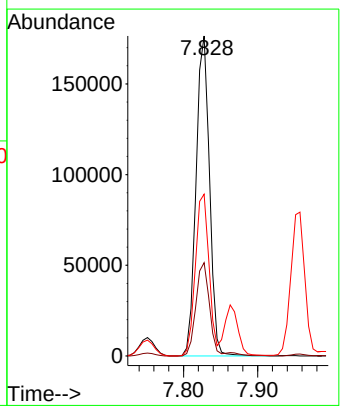


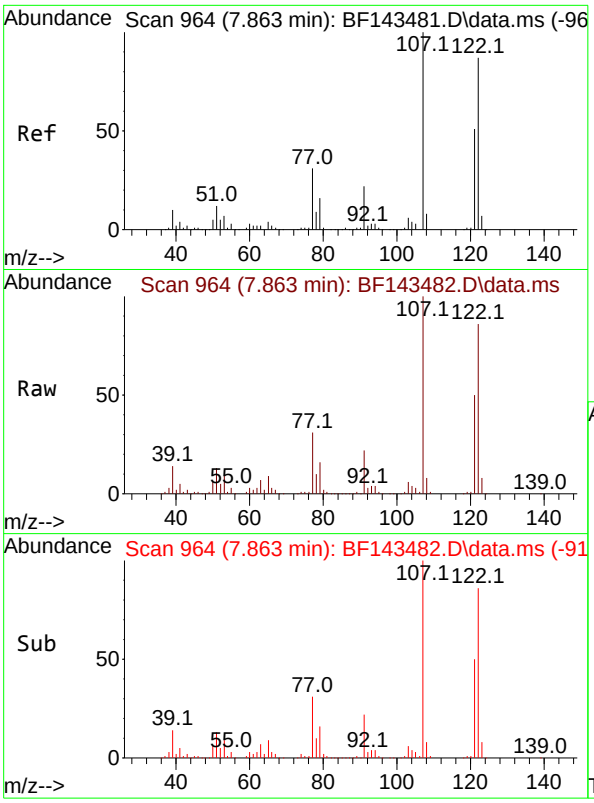


#26
2-Nitrophenol
Concen: 50.572 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



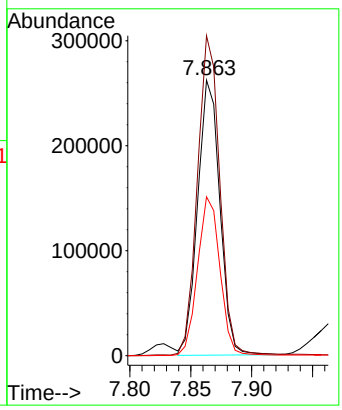


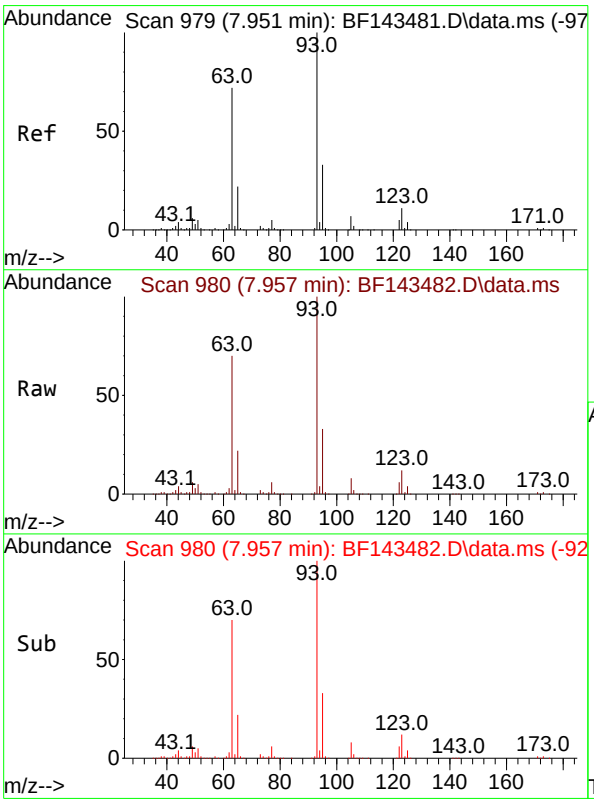
#27
2,4-Dimethylphenol
Concen: 48.606 ng
RT: 7.863 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

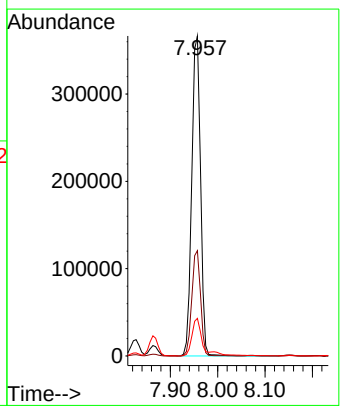


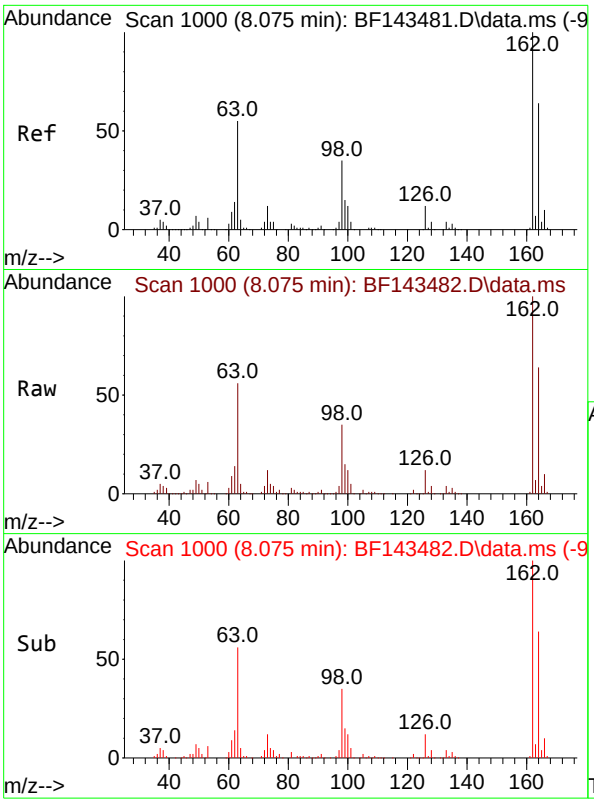


#28
bis(2-Chloroethoxy)methane
Concen: 48.070 ng
RT: 7.957 min Scan# 980
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



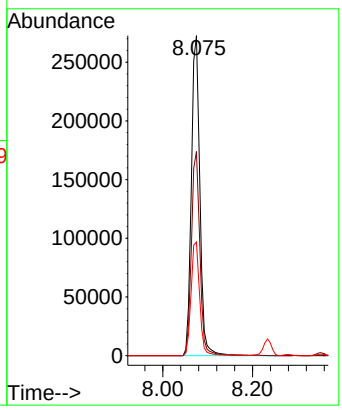


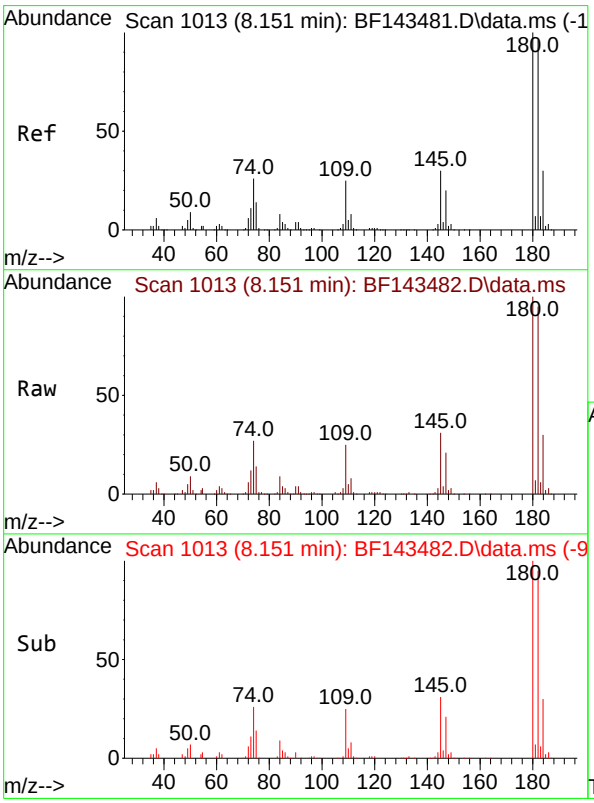
#29
2,4-Dichlorophenol
Concen: 48.908 ng
RT: 8.075 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

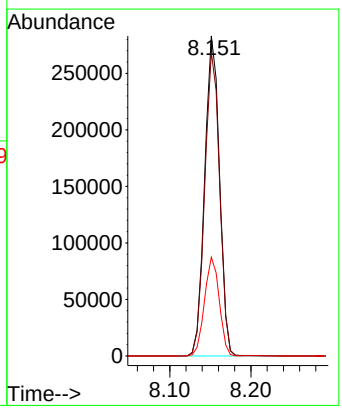


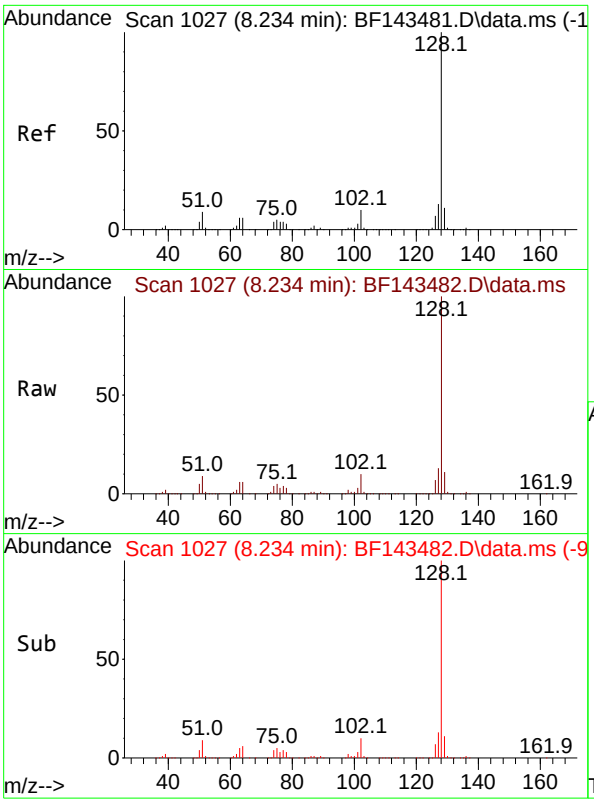


#30
1,2,4-Trichlorobenzene
Concen: 47.673 ng
RT: 8.151 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



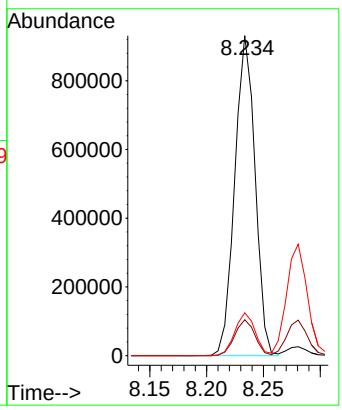


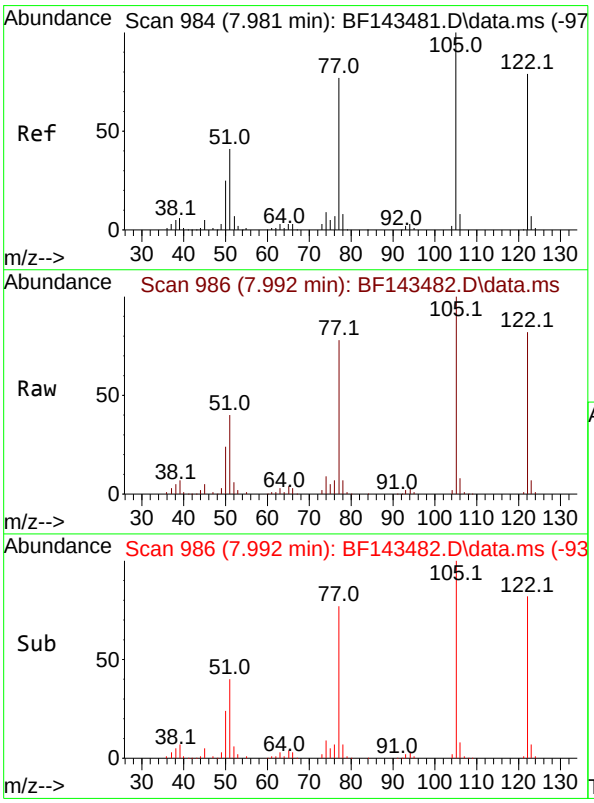
#31
Naphthalene
Concen: 47.228 ng
RT: 8.234 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

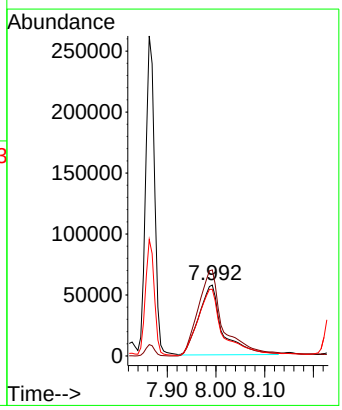


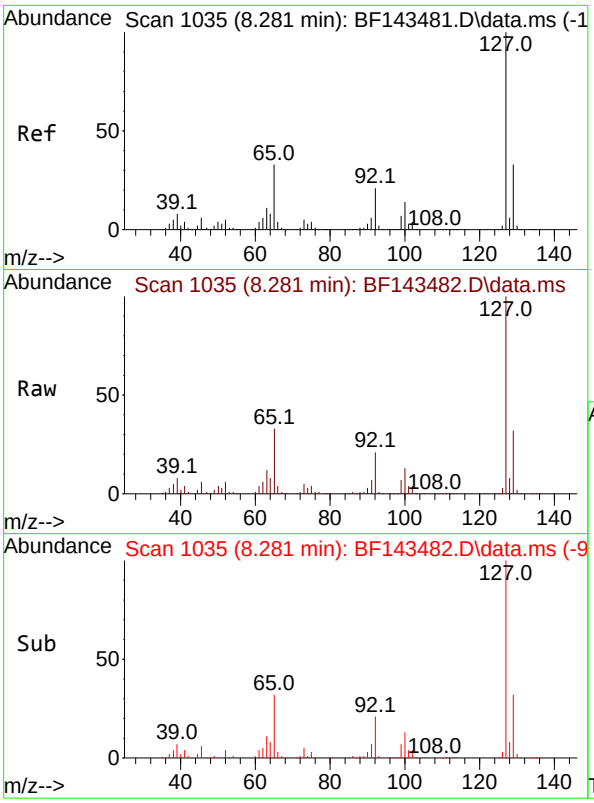


#32
Benzoic acid
Concen: 49.619 ng
RT: 7.992 min Scan# 986
Delta R.T. -0.018 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



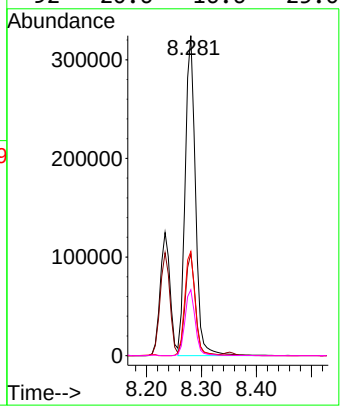


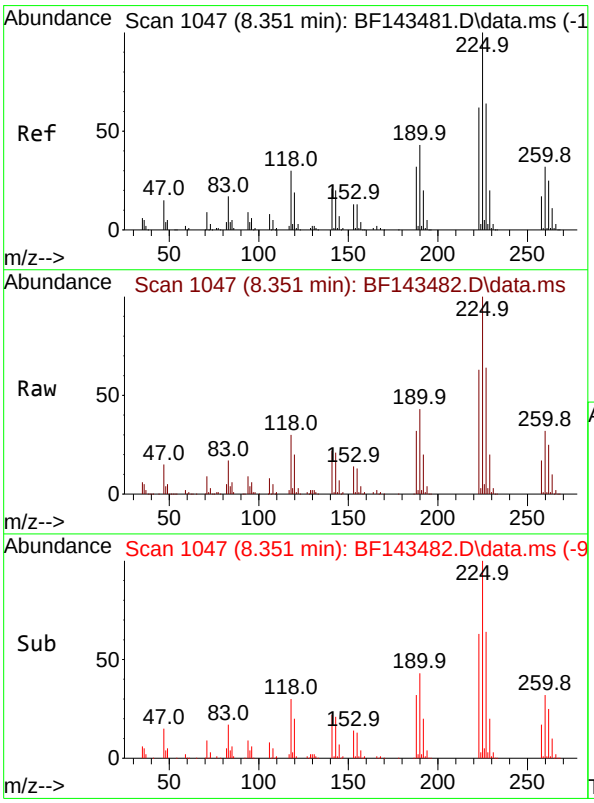
#33
4-Chloroaniline
Concen: 48.617 ng
RT: 8.281 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

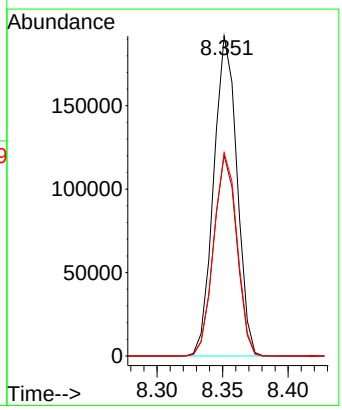


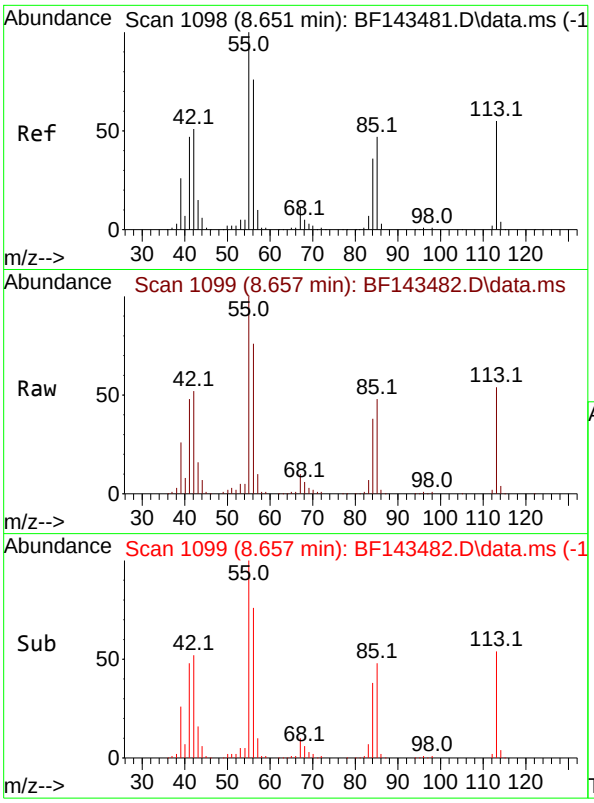


#34
Hexachlorobutadiene
Concen: 48.095 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



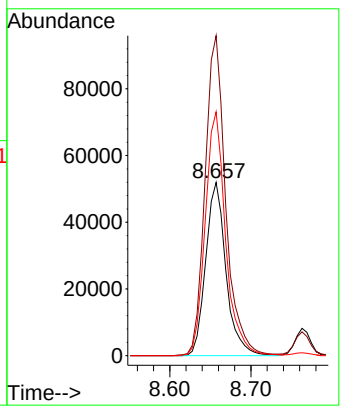


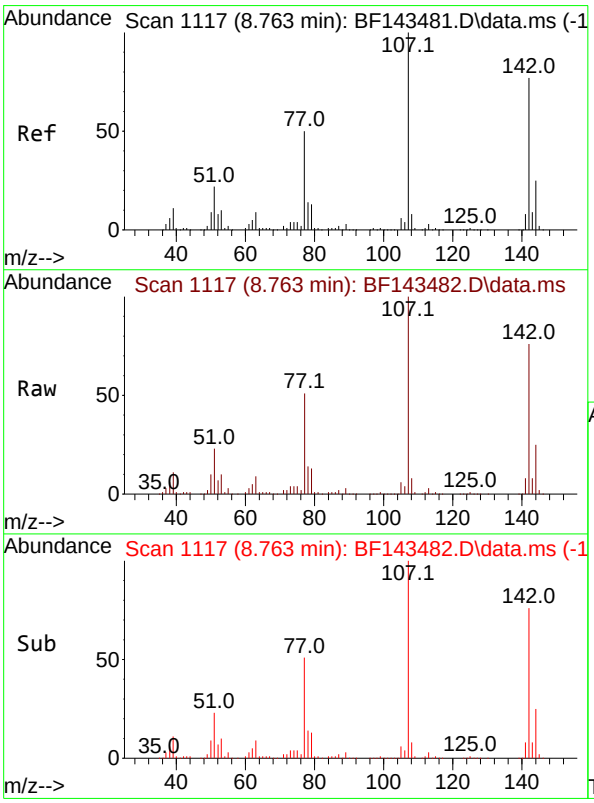
#35
Caprolactam
Concen: 51.340 ng
RT: 8.657 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

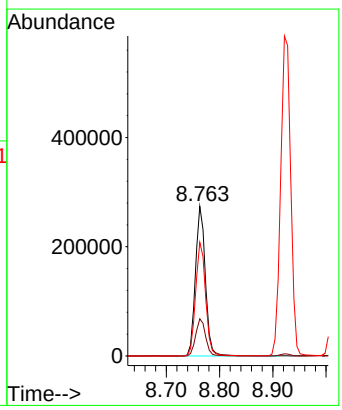


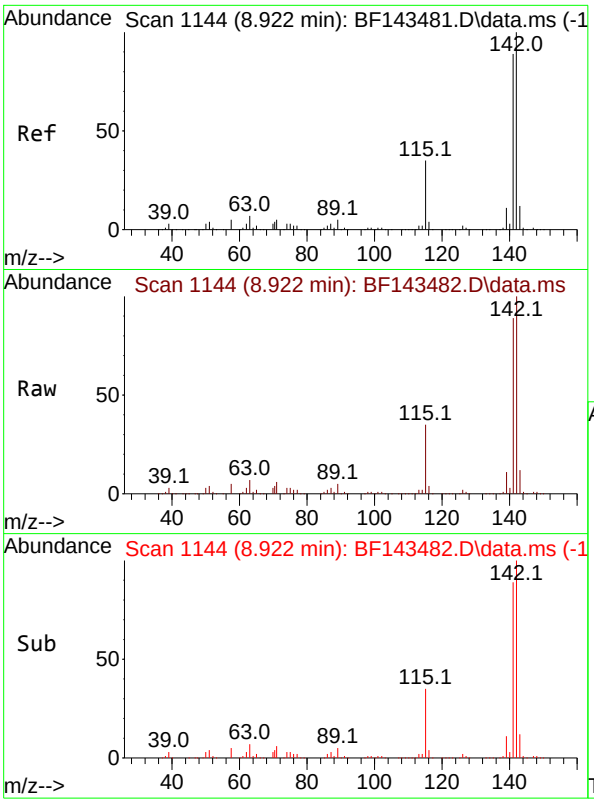


#36
4-Chloro-3-methylphenol
Concen: 48.497 ng
RT: 8.763 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



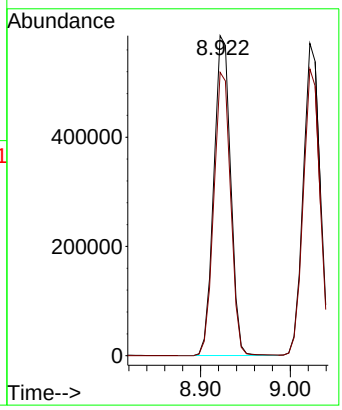


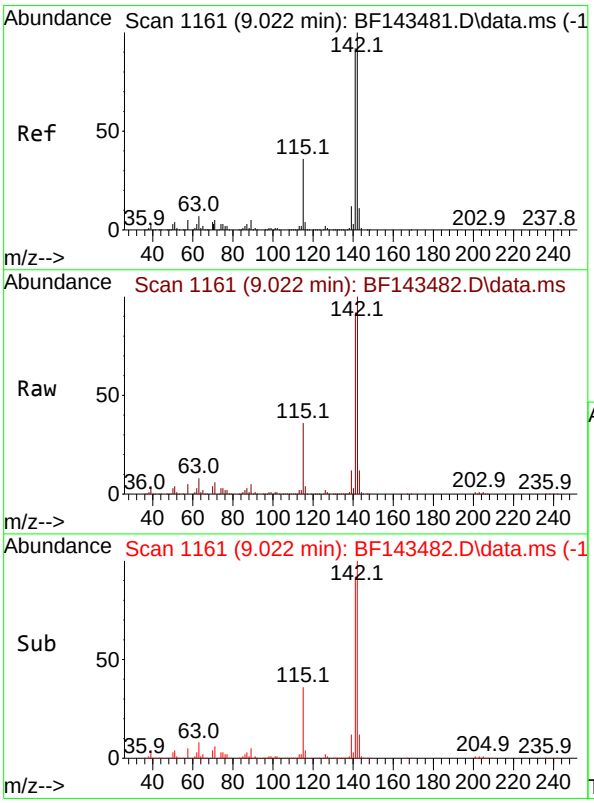
#37
2-Methylnaphthalene
Concen: 46.774 ng
RT: 8.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 763368

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.0	106.4

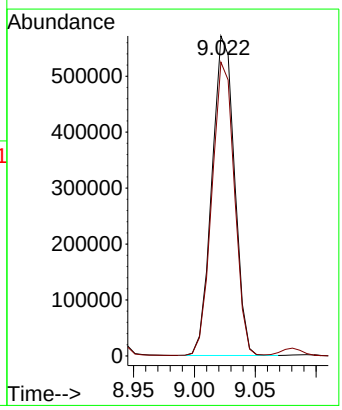


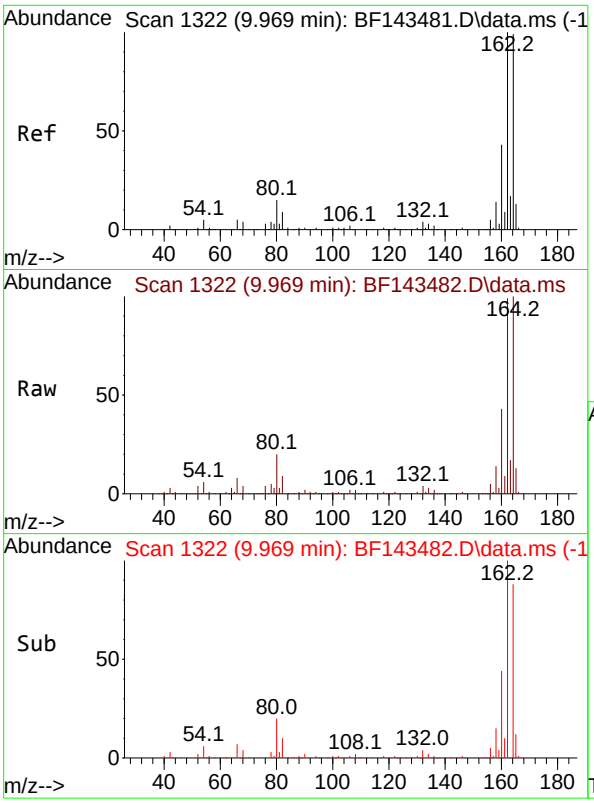


#38
1-Methylnaphthalene
Concen: 47.049 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:142 Resp: 734490

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.3	109.9



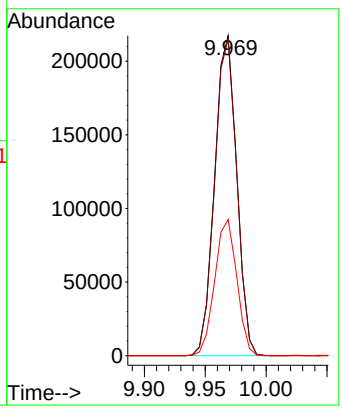


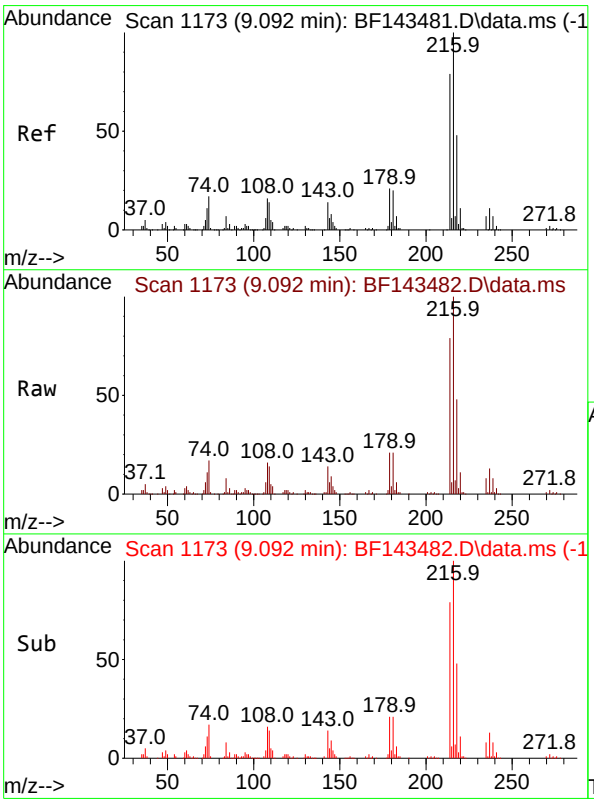
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

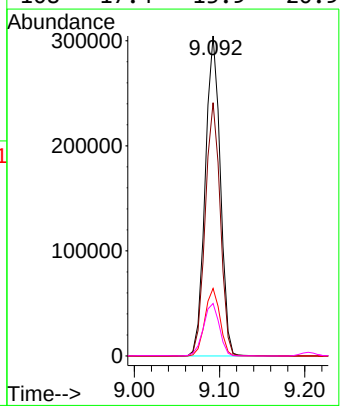


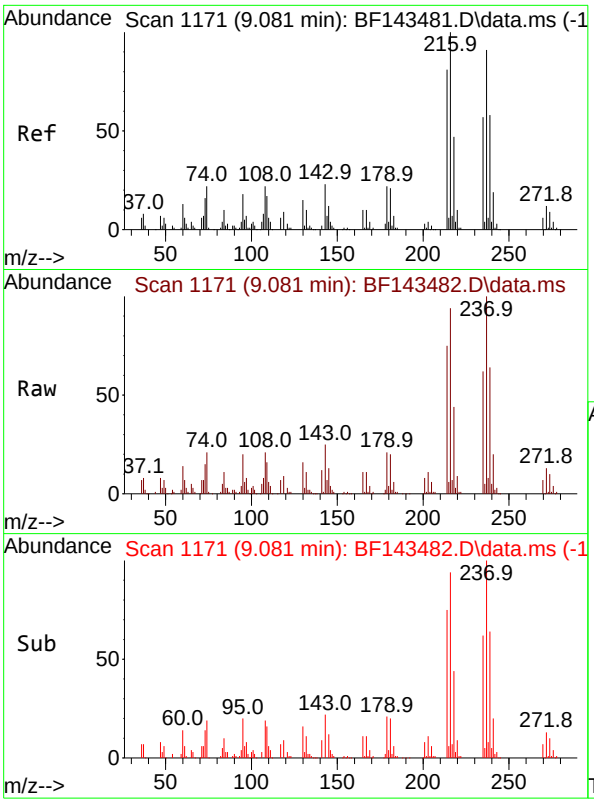


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.541 ng
RT: 9.092 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



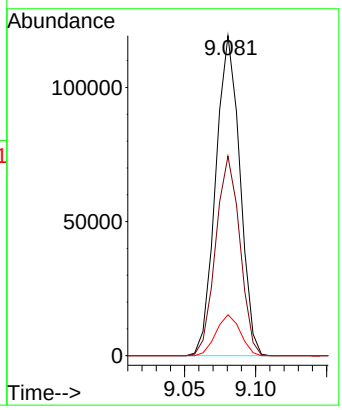


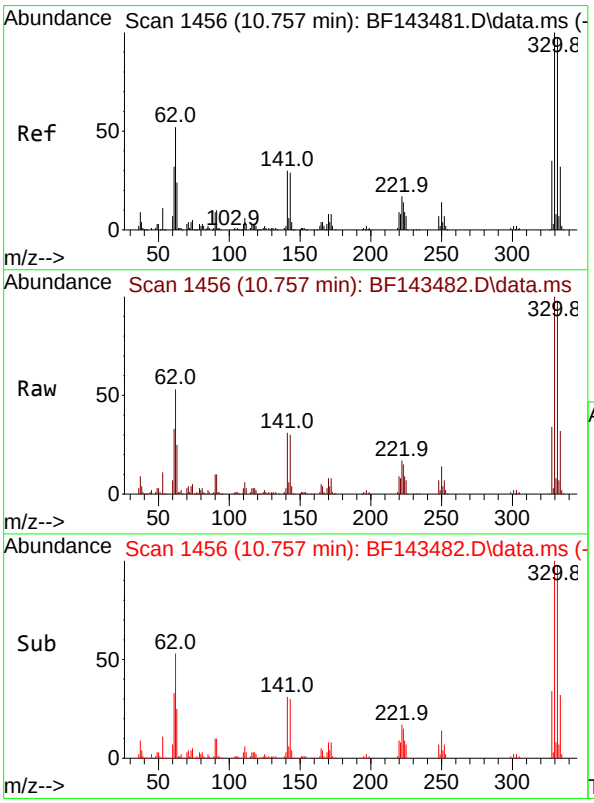
#41
Hexachlorocyclopentadiene
Concen: 48.905 ng
RT: 9.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

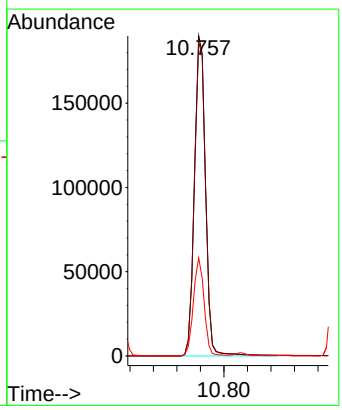


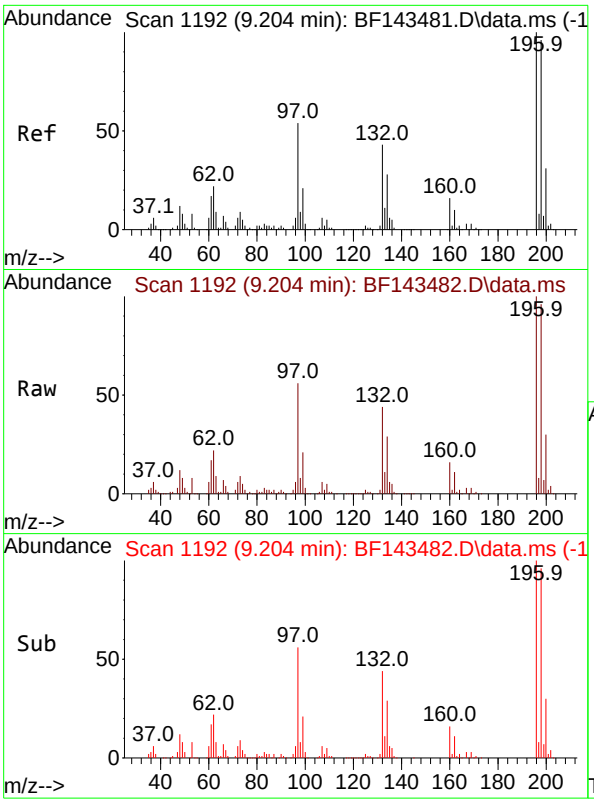


#42
2,4,6-Tribromophenol
Concen: 97.306 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



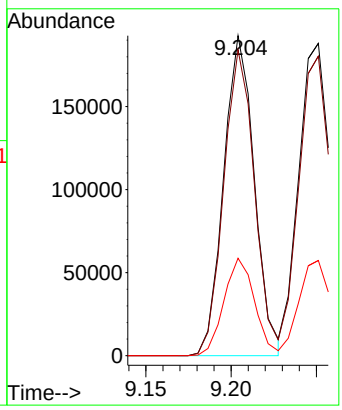


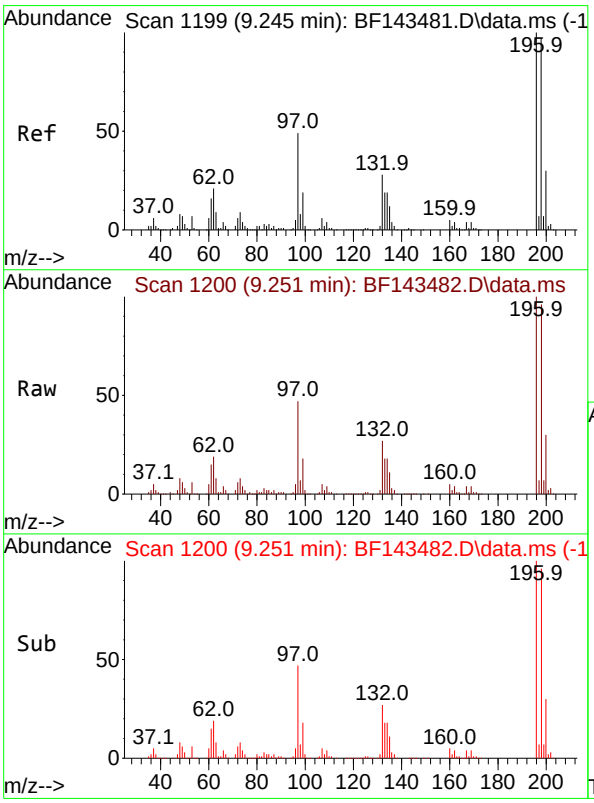
#43
2,4,6-Trichlorophenol
Concen: 49.900 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

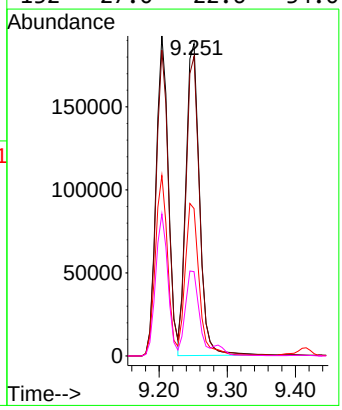


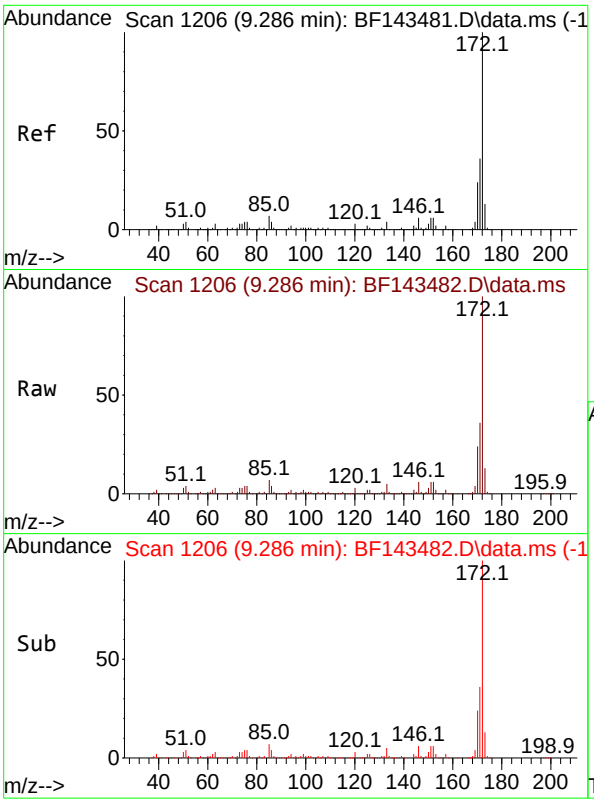


#44
2,4,5-Trichlorophenol
Concen: 49.041 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



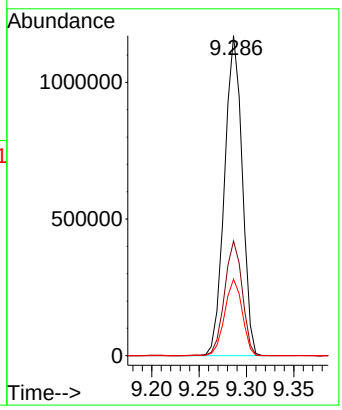


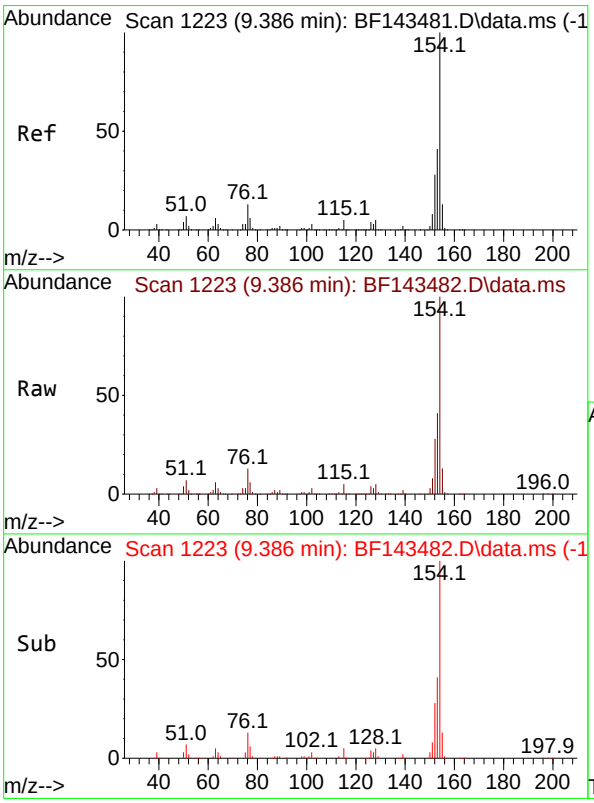
#45
2-Fluorobiphenyl
Concen: 91.359 ng
RT: 9.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

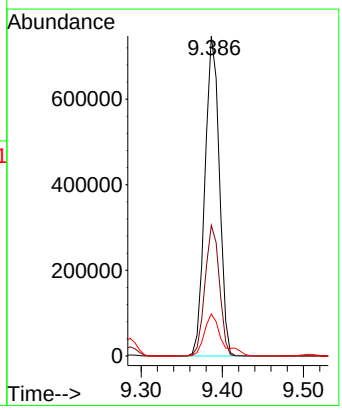


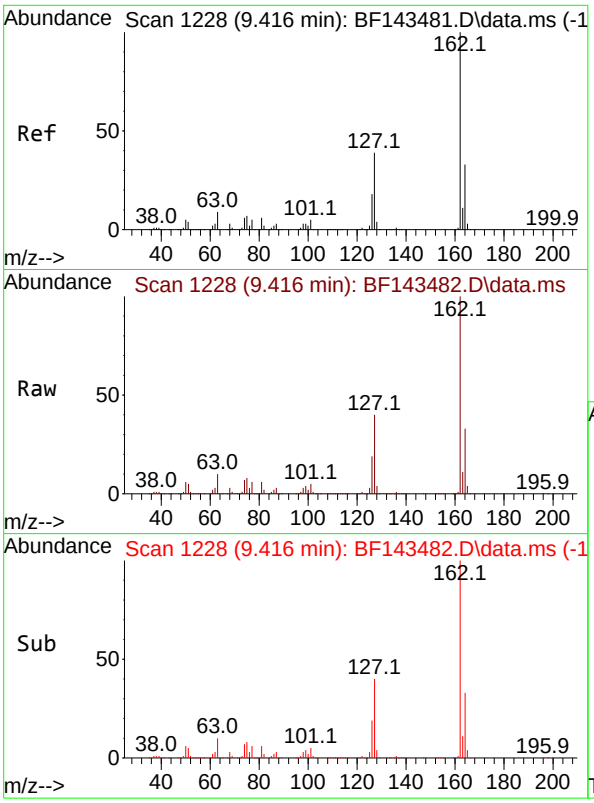


#46
1,1'-Biphenyl
Concen: 47.038 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



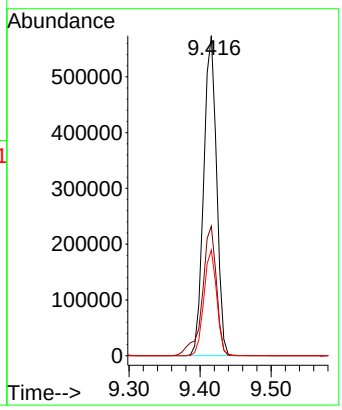


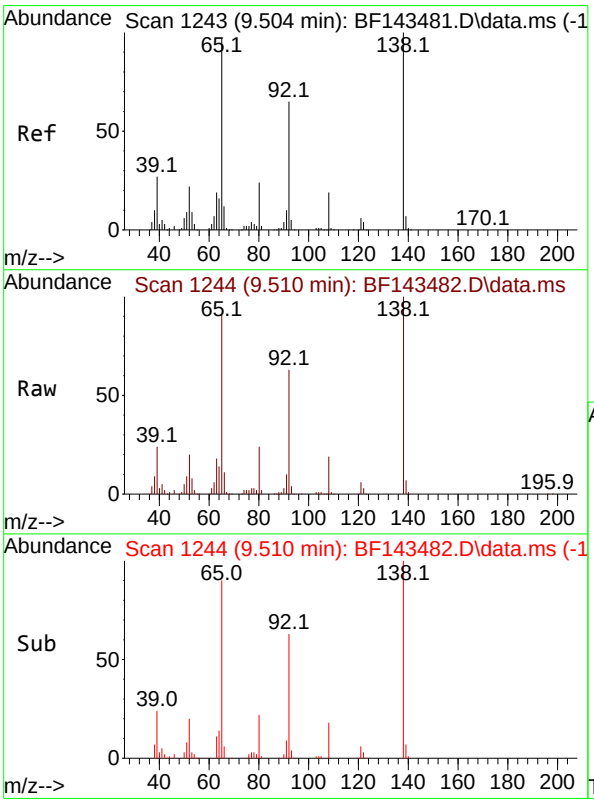
#47
2-Chloronaphthalene
Concen: 47.420 ng
RT: 9.416 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

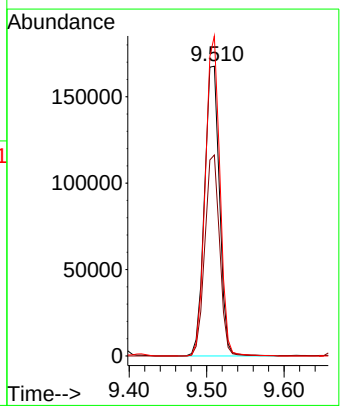


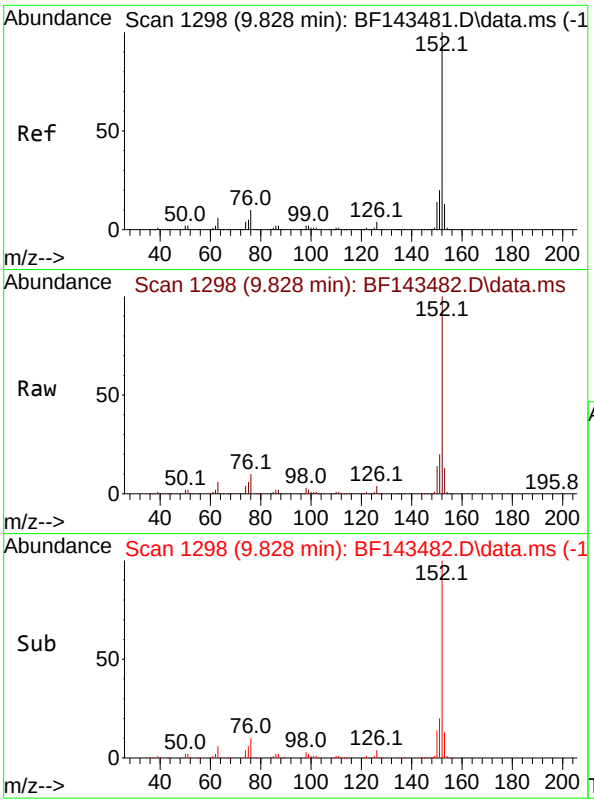


#48
2-Nitroaniline
Concen: 50.489 ng
RT: 9.510 min Scan# 1244
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



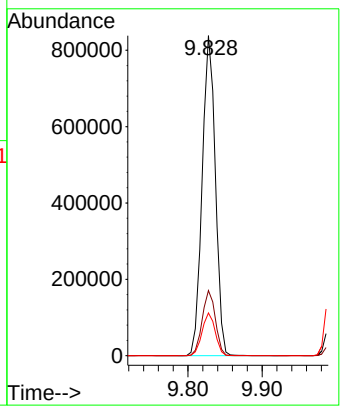


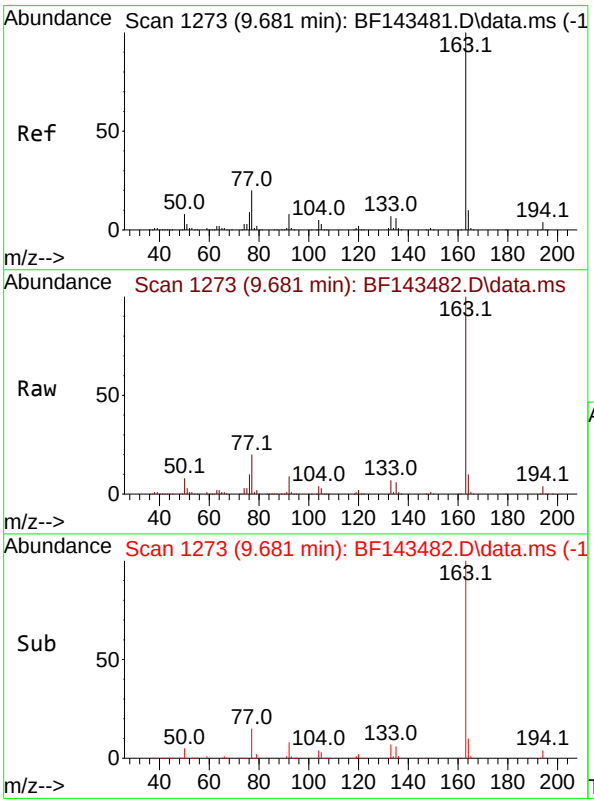
#49
Acenaphthylene
Concen: 47.536 ng
RT: 9.828 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

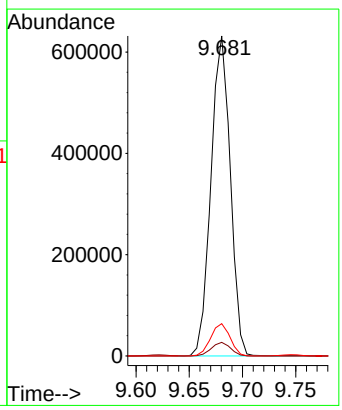


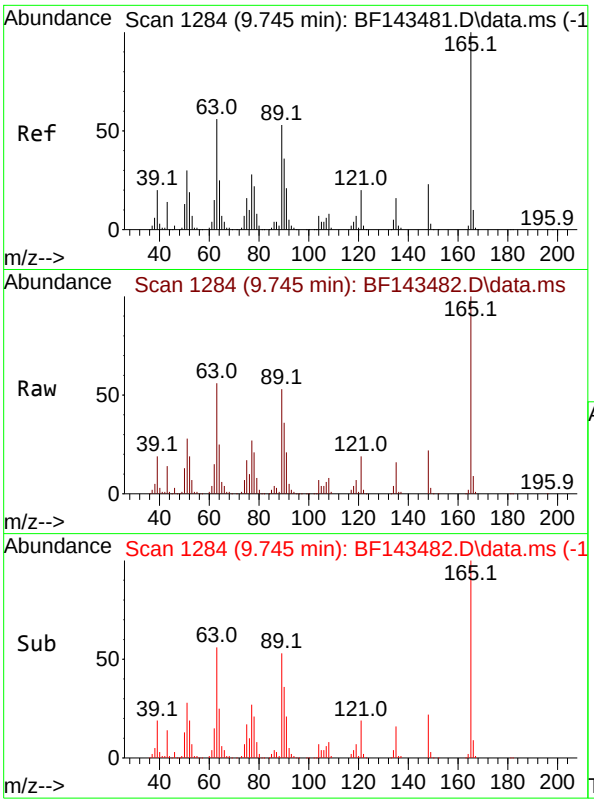


#50
Dimethylphthalate
Concen: 48.090 ng
RT: 9.681 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



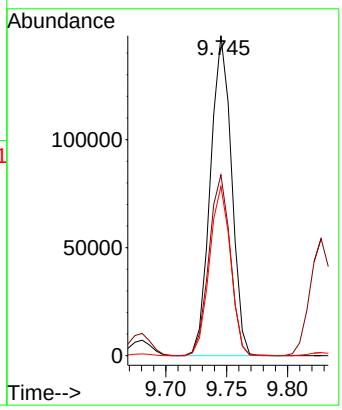


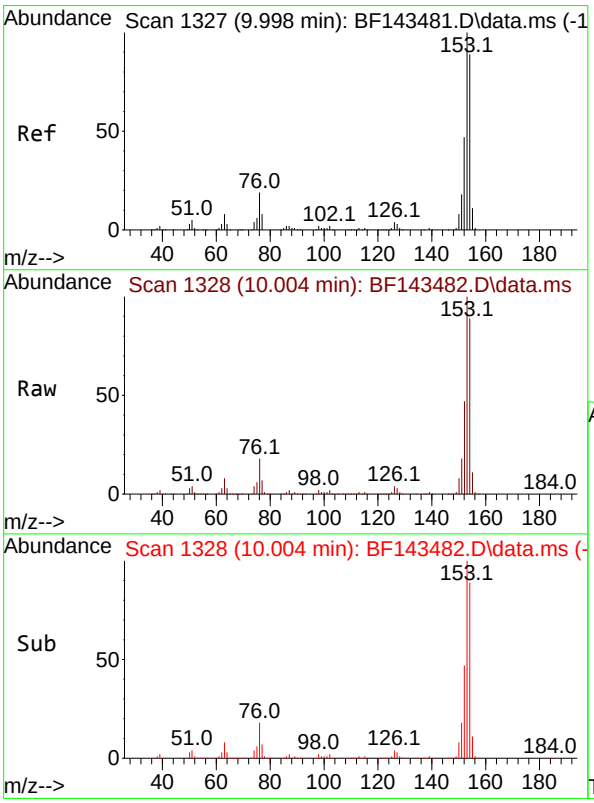
#51
2,6-Dinitrotoluene
Concen: 52.104 ng
RT: 9.745 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

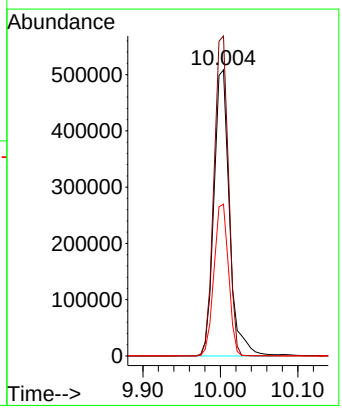


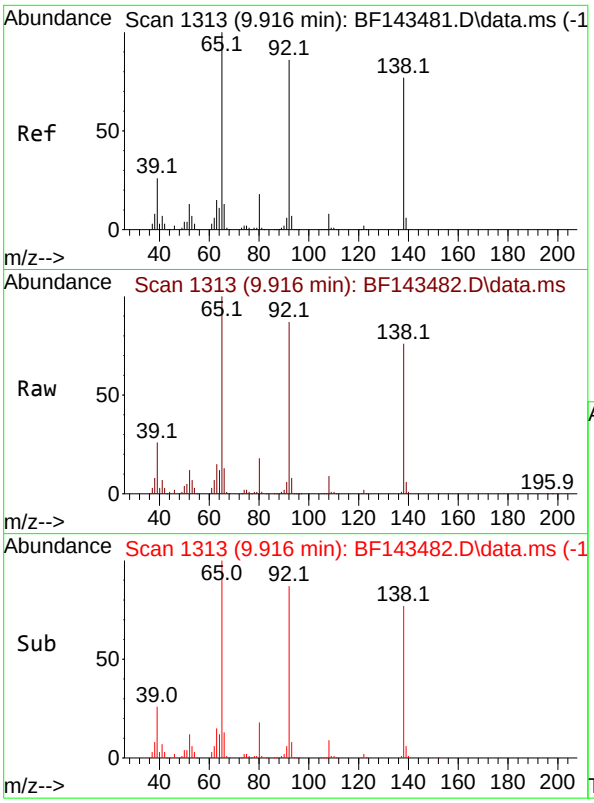


#52
Acenaphthene
Concen: 47.905 ng
RT: 10.004 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



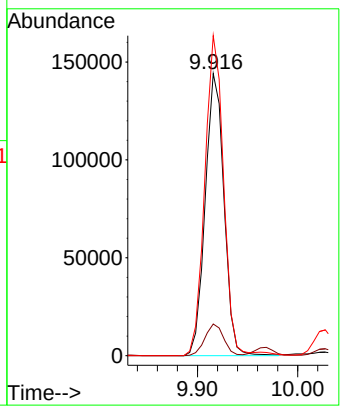


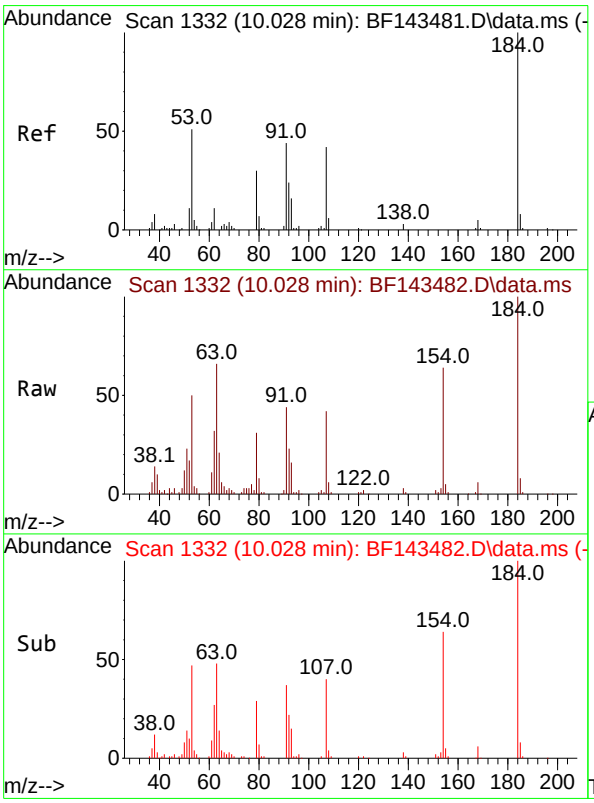
#53
3-Nitroaniline
Concen: 50.620 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

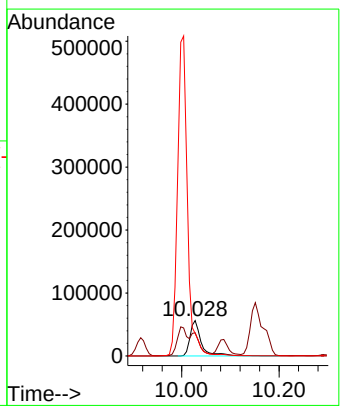


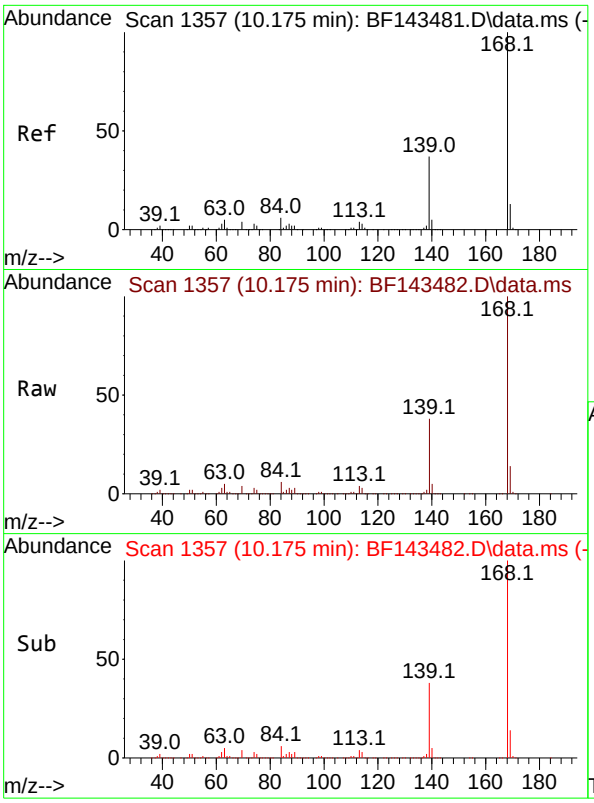


#54
2,4-Dinitrophenol
Concen: 51.384 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



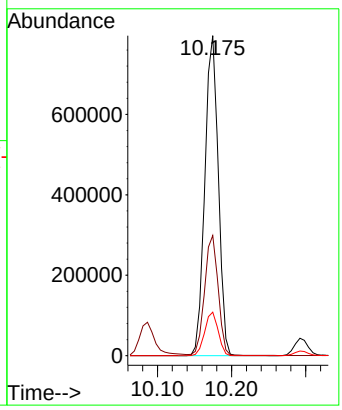


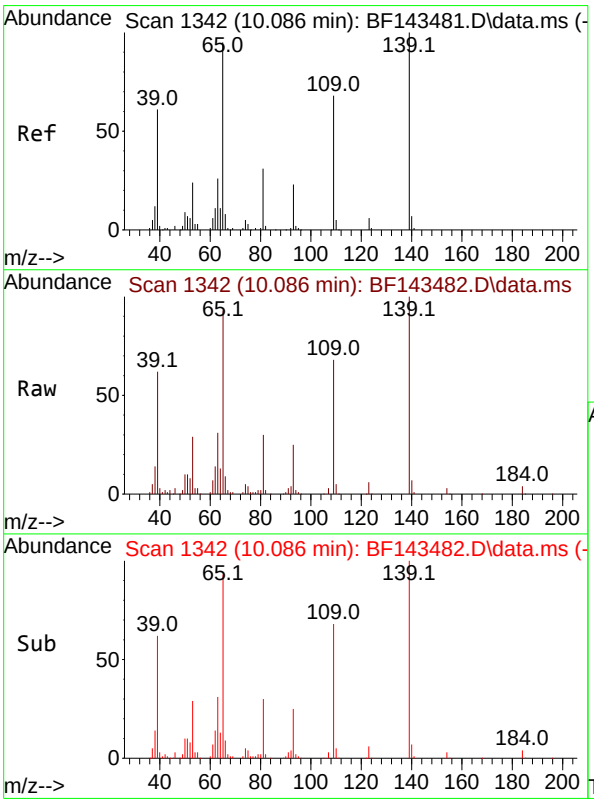
#55
Dibenzofuran
Concen: 47.313 ng
RT: 10.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

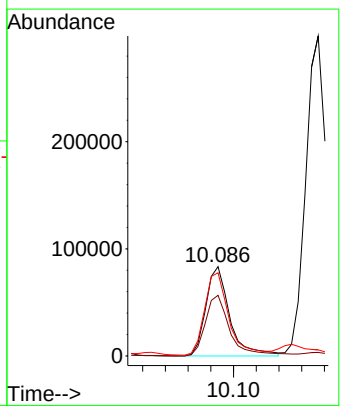


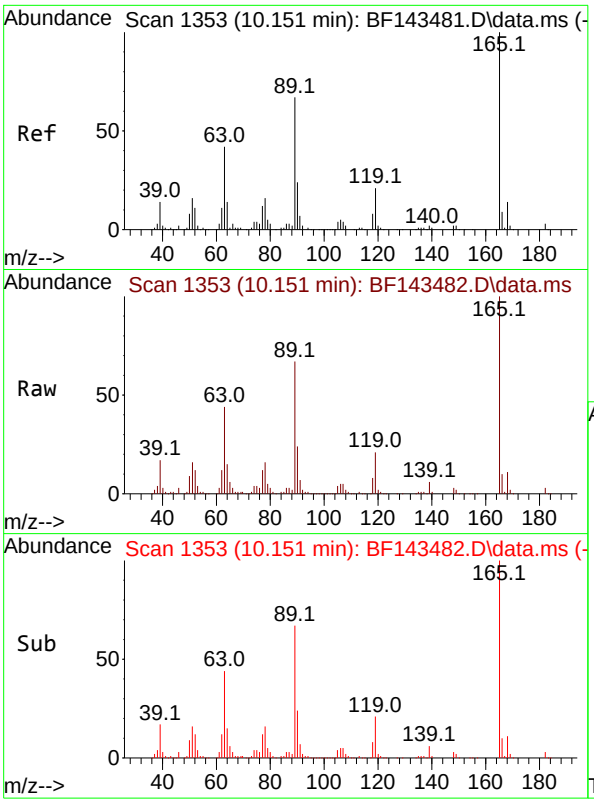


#56
4-Nitrophenol
Concen: 54.991 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



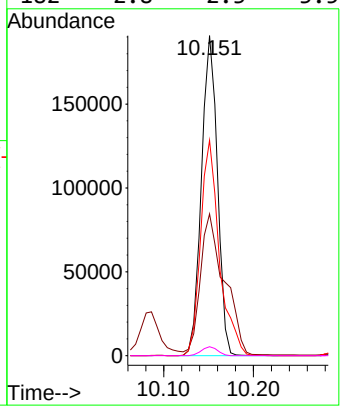


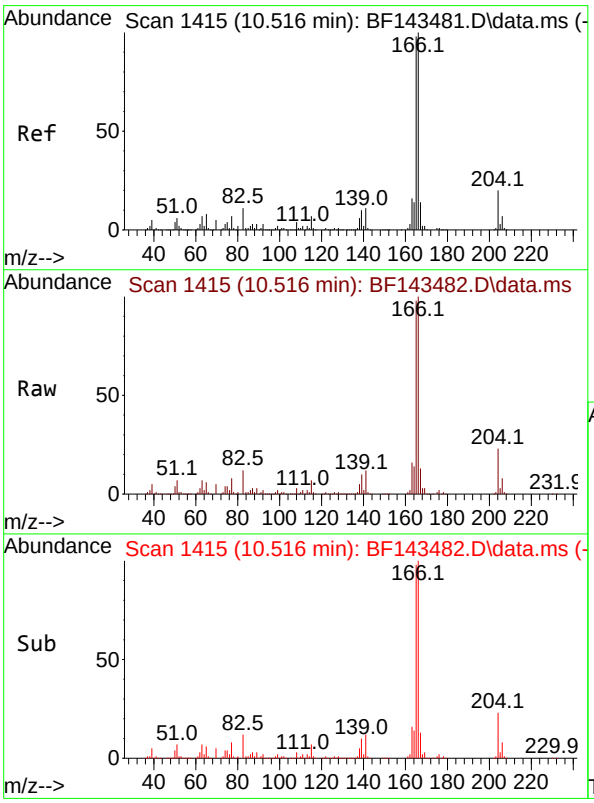
#57
2,4-Dinitrotoluene
Concen: 51.542 ng
RT: 10.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

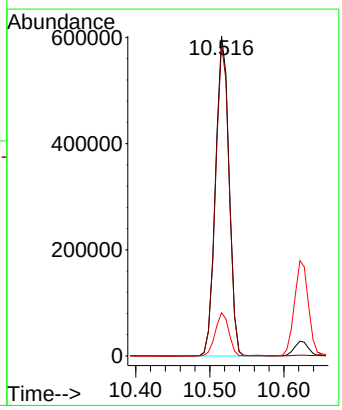


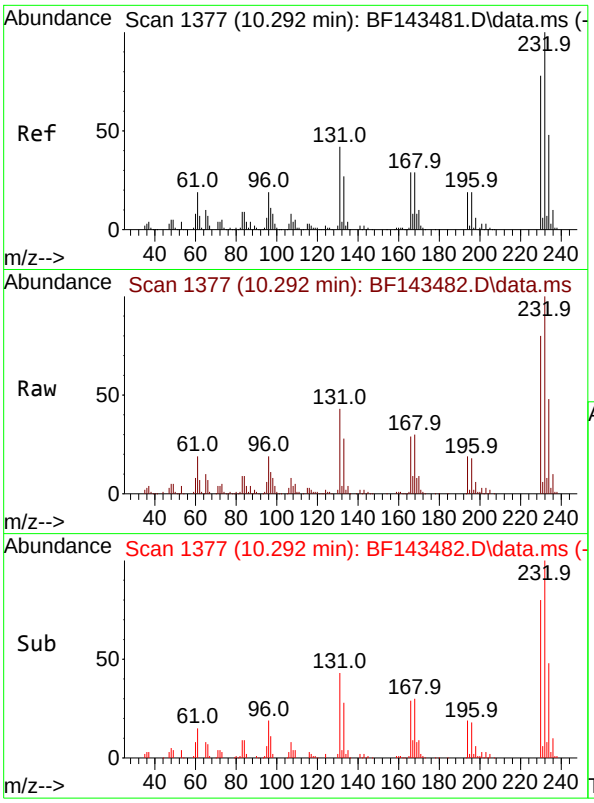


#58
Fluorene
Concen: 46.763 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



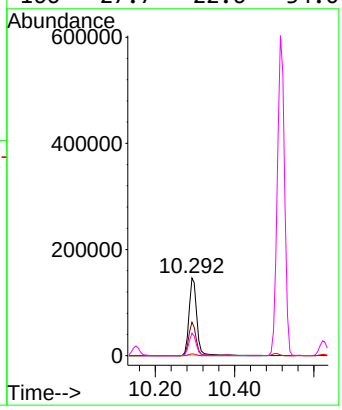


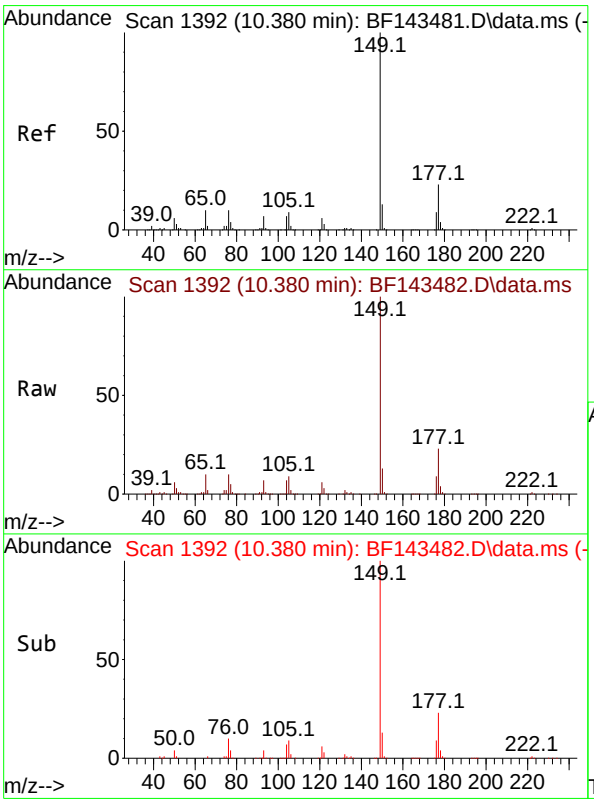
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.483 ng
RT: 10.292 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

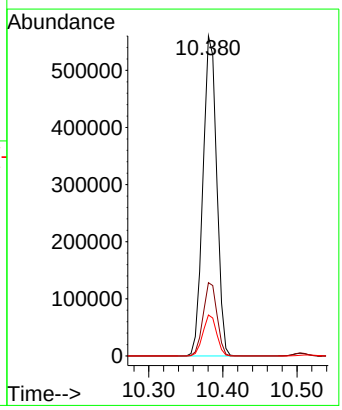


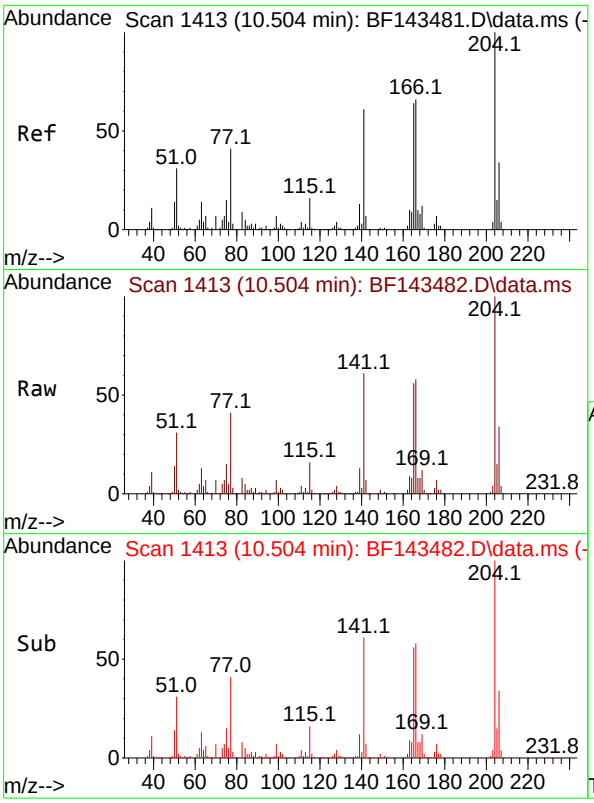


#60
Diethylphthalate
Concen: 48.756 ng
RT: 10.380 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



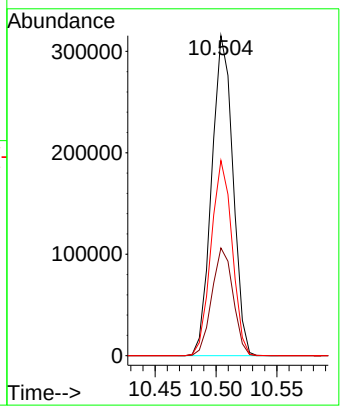


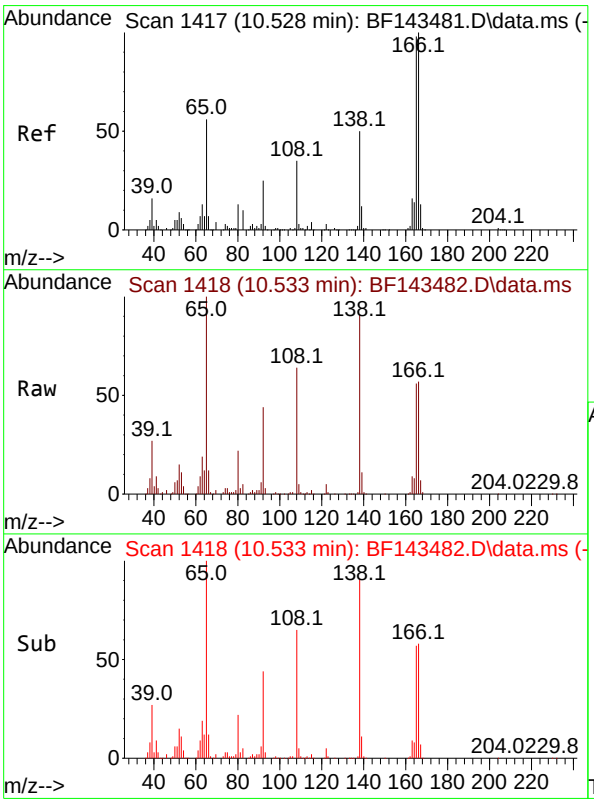
#61
4-Chlorophenyl-phenylether
Concen: 46.985 ng
RT: 10.504 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

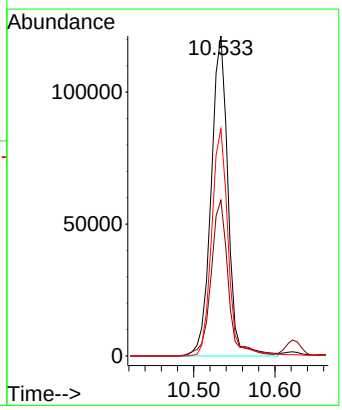


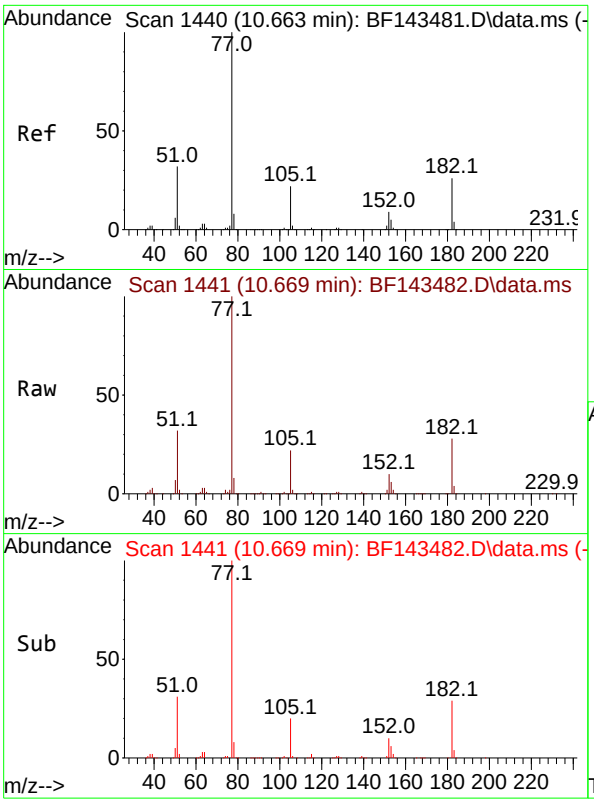


#62
4-Nitroaniline
Concen: 51.418 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



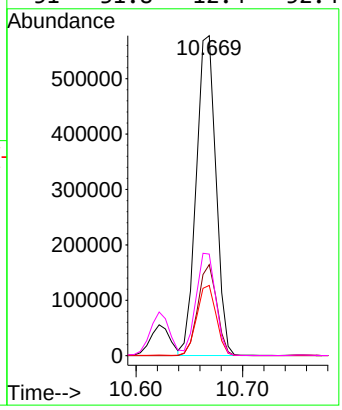


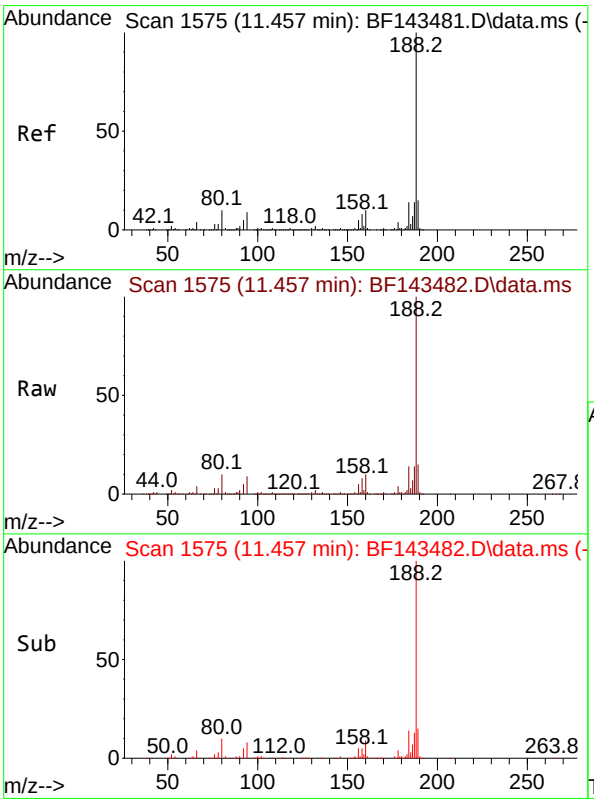
#63
Azobenzene
Concen: 48.247 ng
RT: 10.669 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

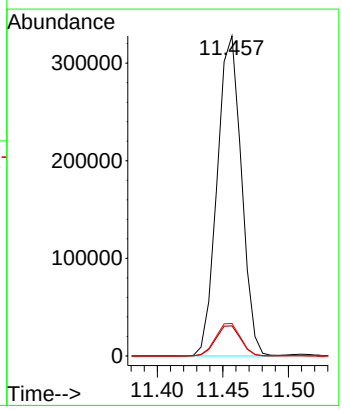


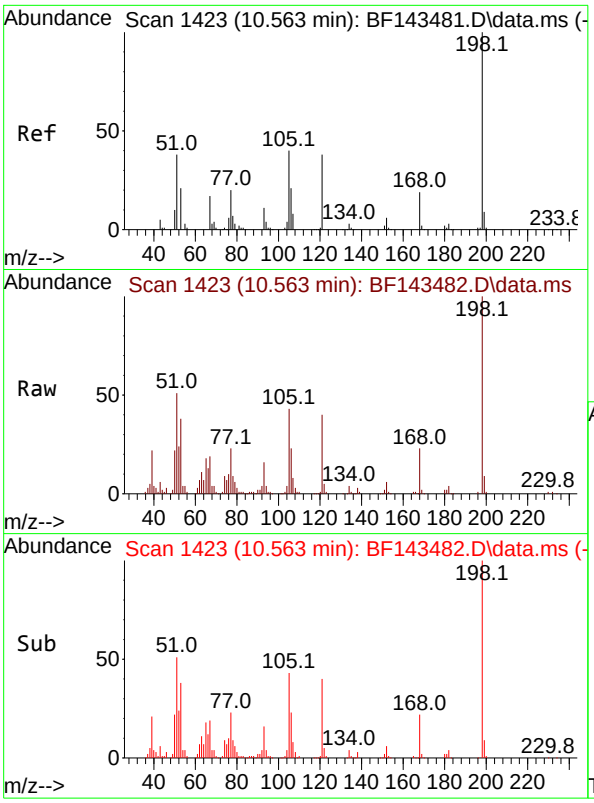


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



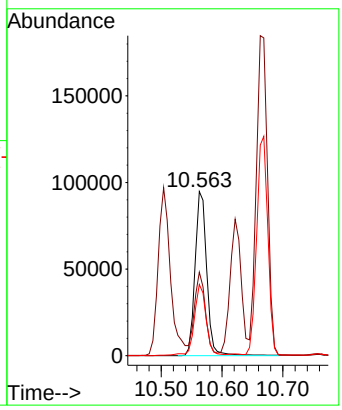


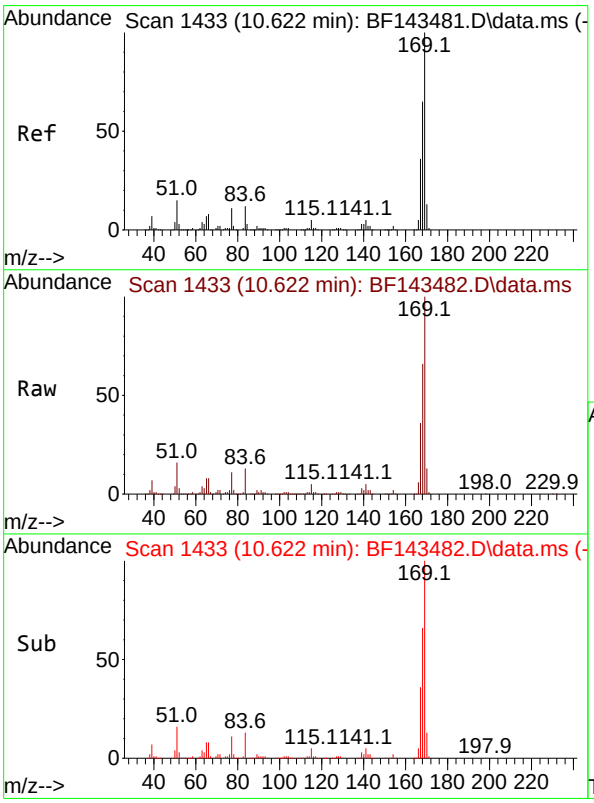
#65
4,6-Dinitro-2-methylphenol
Concen: 53.128 ng
RT: 10.563 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

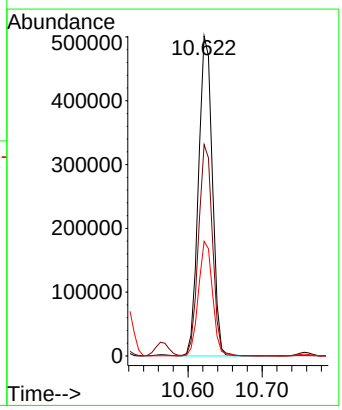


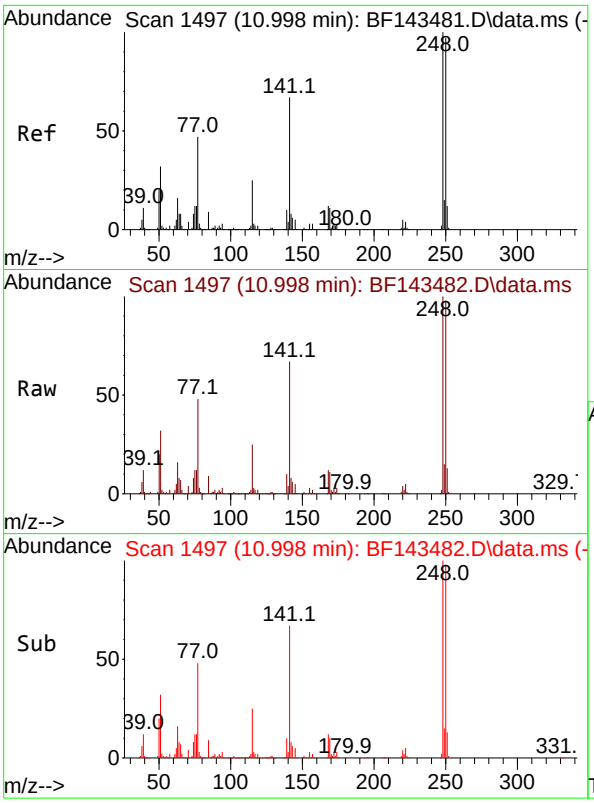


#66
n-Nitrosodiphenylamine
Concen: 47.789 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



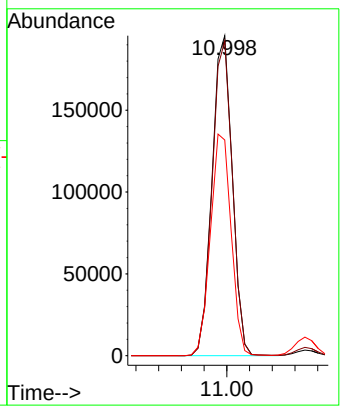


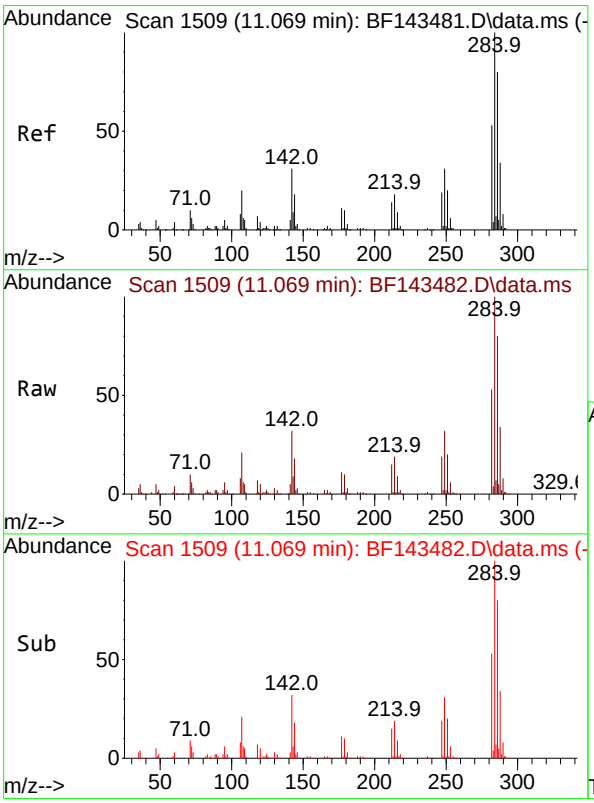
#67
4-Bromophenyl-phenylether
Concen: 48.112 ng
RT: 10.998 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

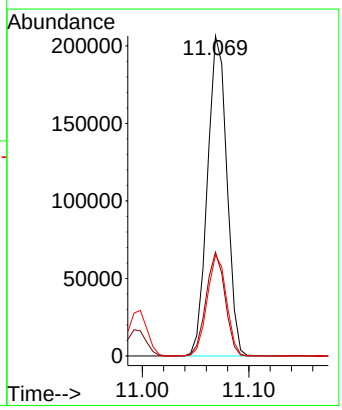


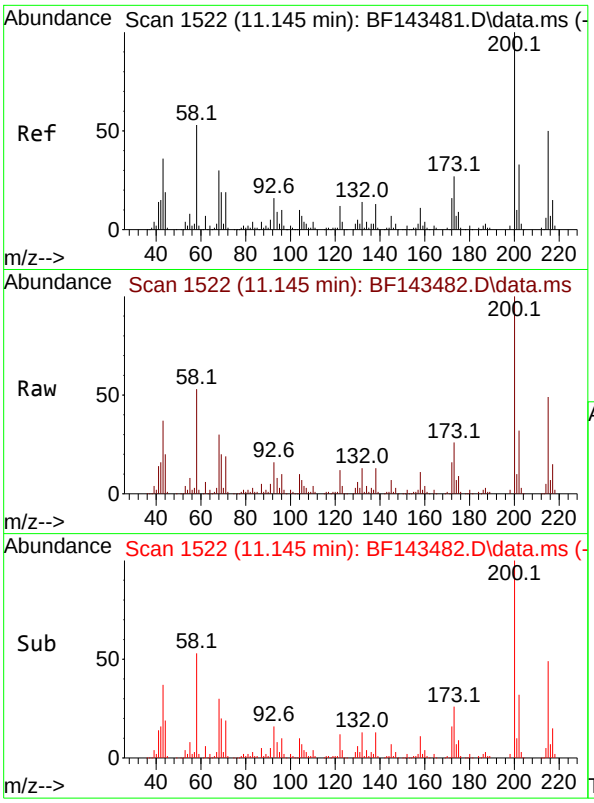


#68
Hexachlorobenzene
Concen: 48.206 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



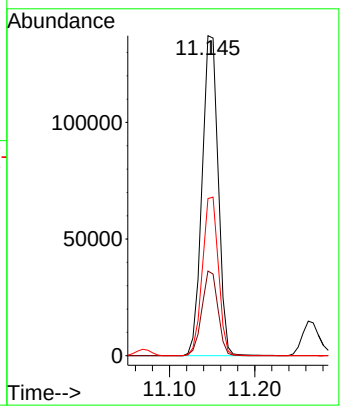


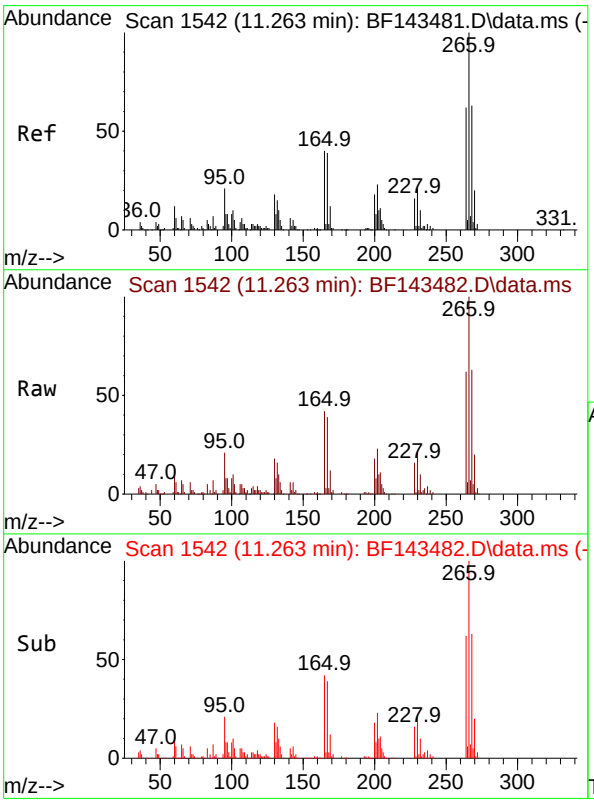
#69
Atrazine
Concen: 51.394 ng
RT: 11.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

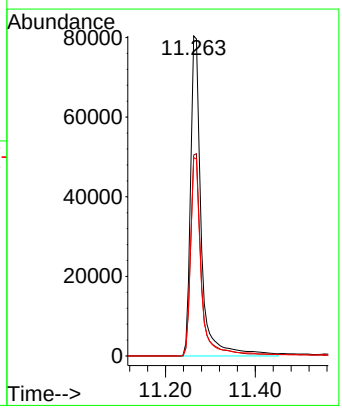


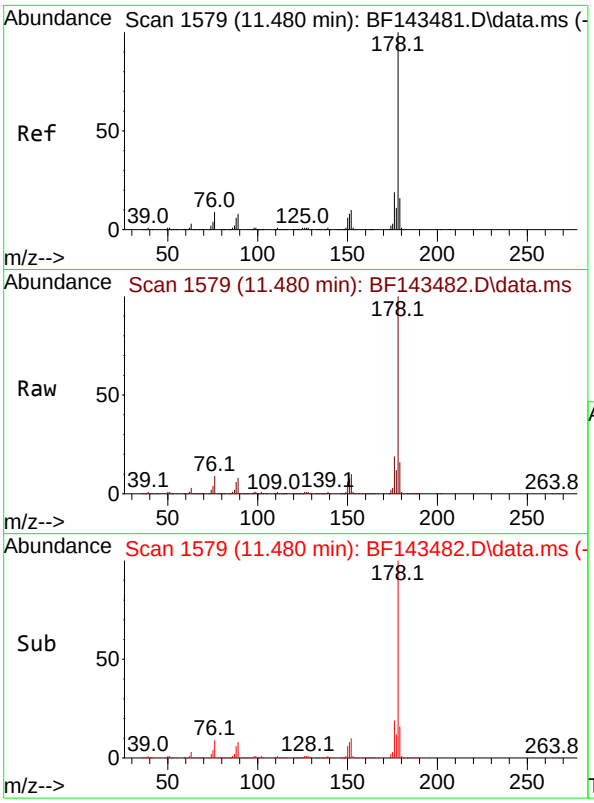


#70
Pentachlorophenol
Concen: 53.767 ng
RT: 11.263 min Scan# 1542
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



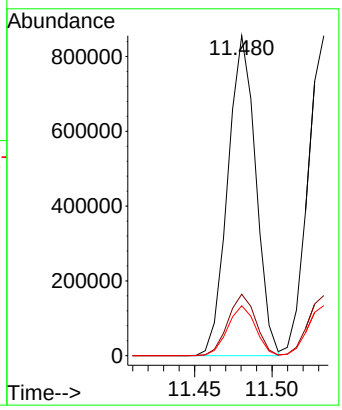


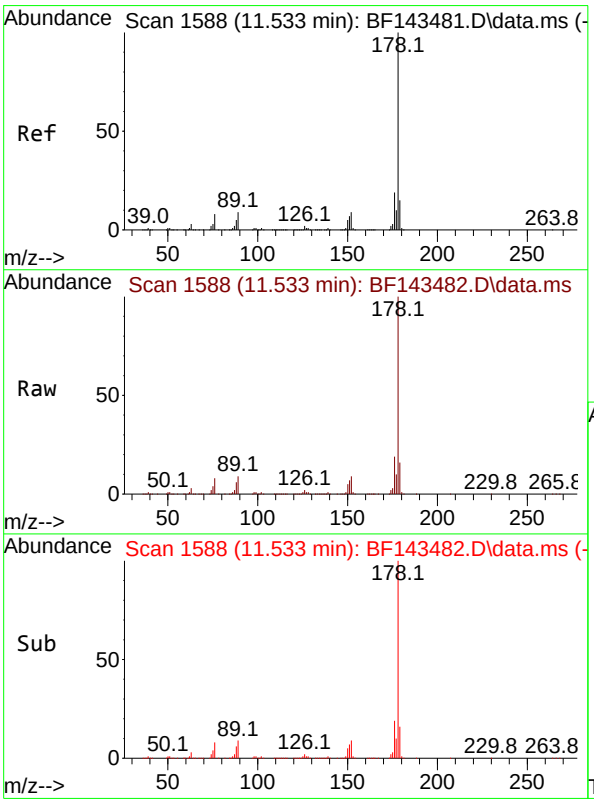
#71
Phenanthrene
Concen: 47.383 ng
RT: 11.480 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

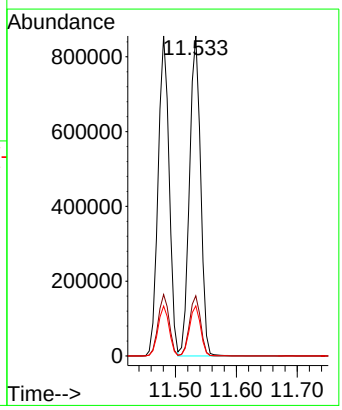


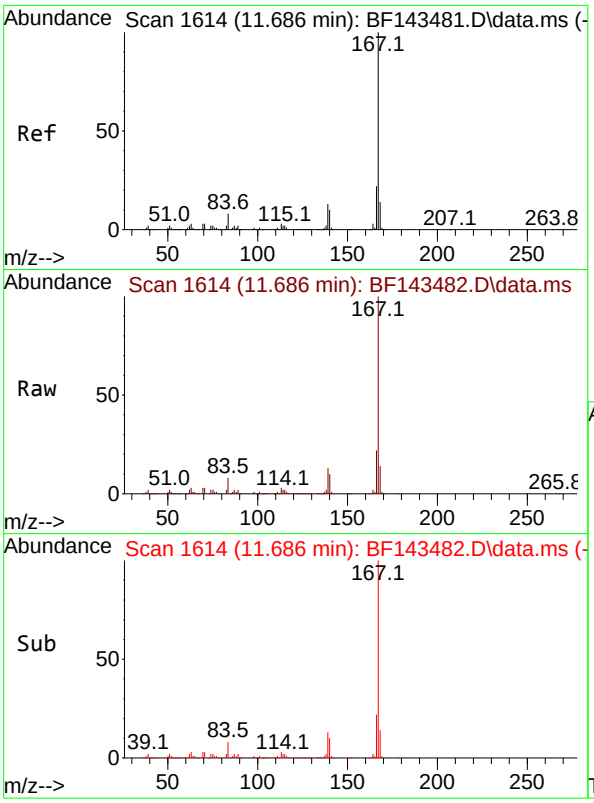


#72
Anthracene
Concen: 47.117 ng
RT: 11.533 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



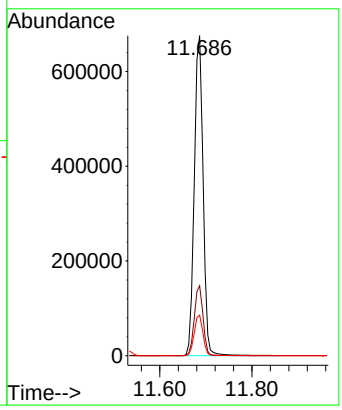


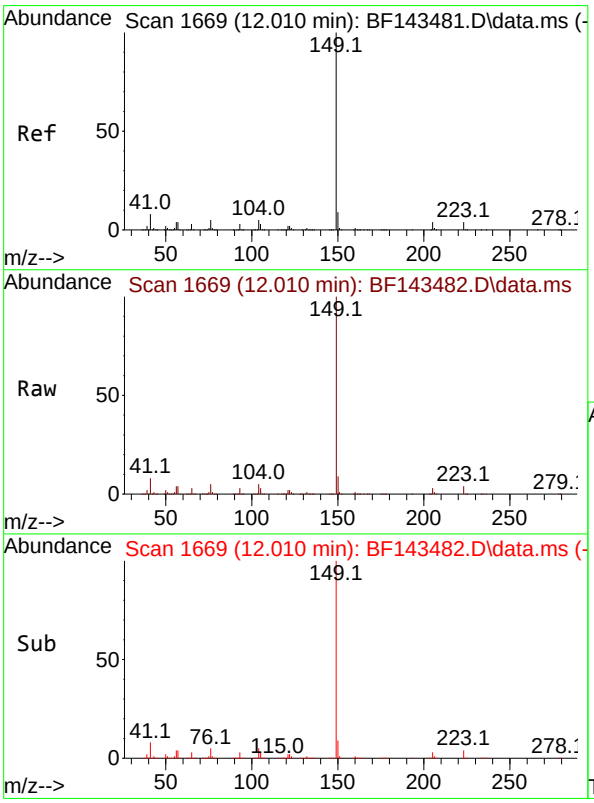
#73
Carbazole
Concen: 47.738 ng
RT: 11.686 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

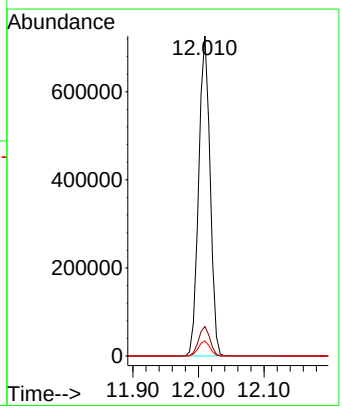


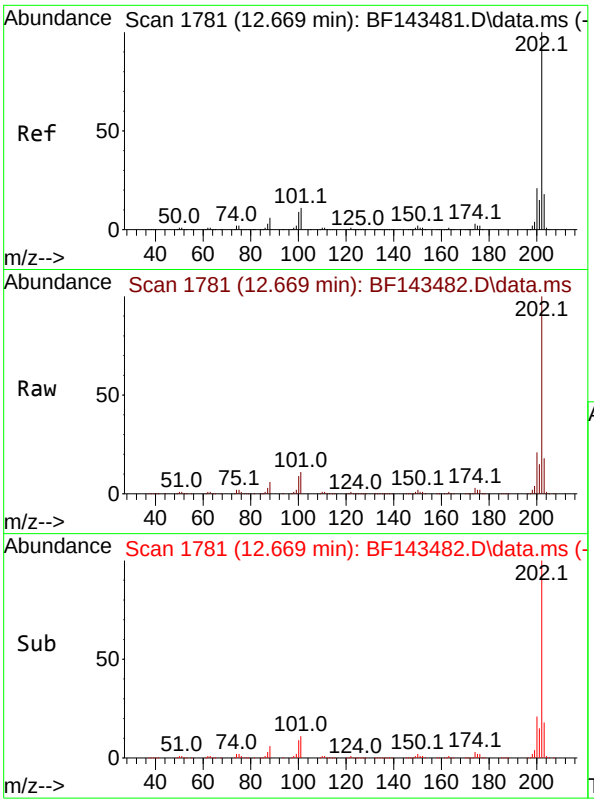


#74
Di-n-butylphthalate
Concen: 50.228 ng
RT: 12.010 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



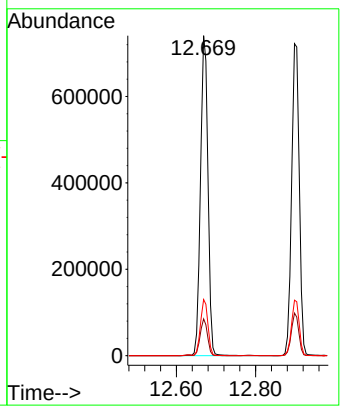


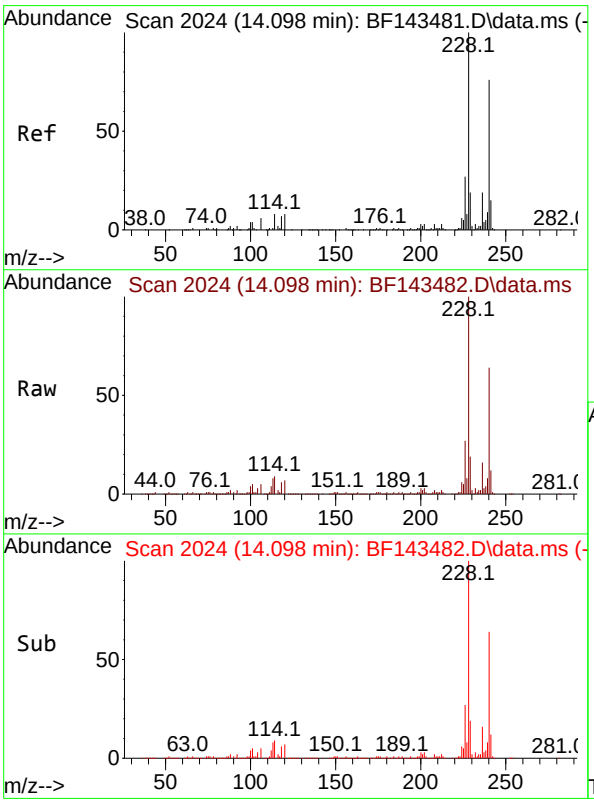
#75
Fluoranthene
Concen: 47.536 ng
RT: 12.669 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

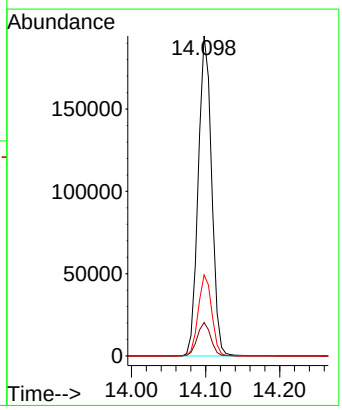


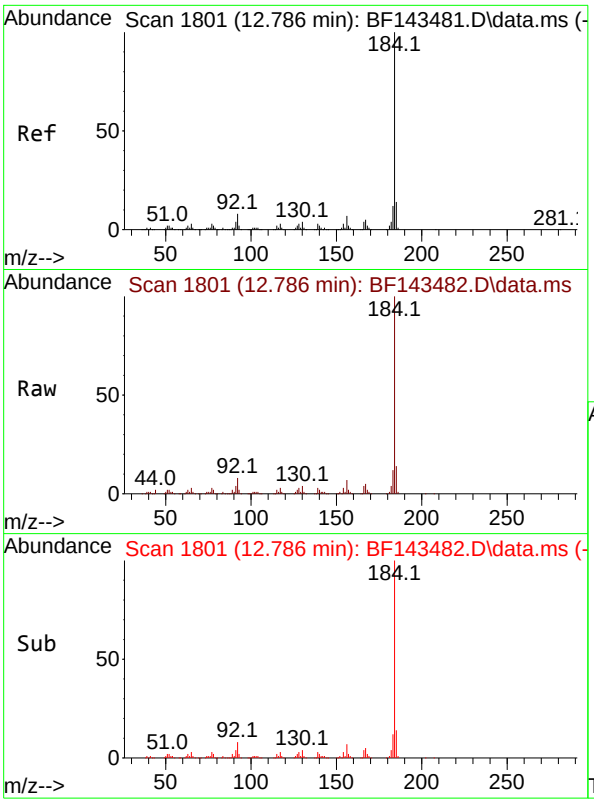


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



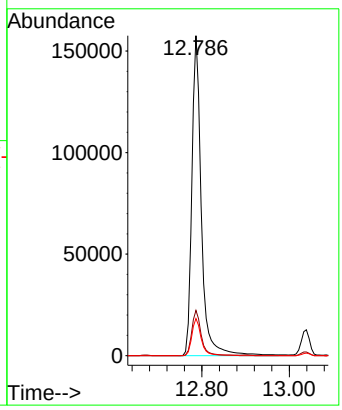


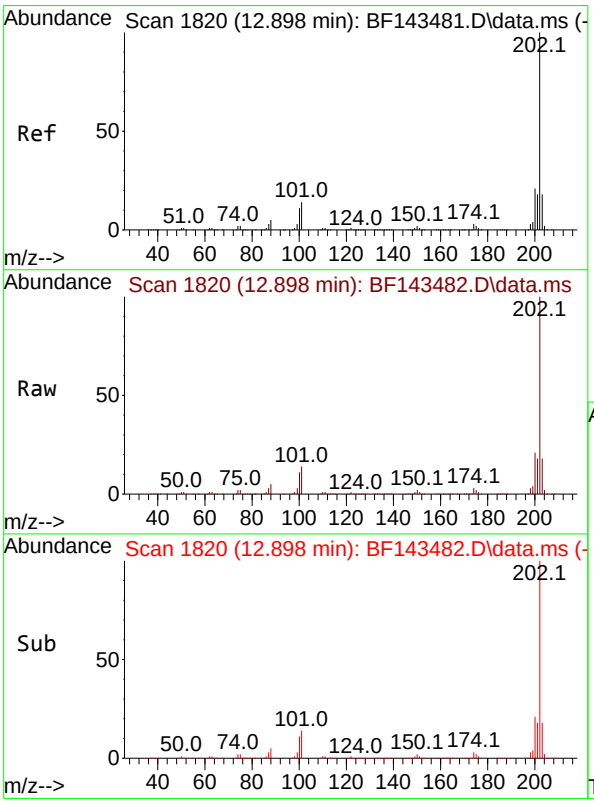
#77
Benzidine
Concen: 40.122 ng
RT: 12.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

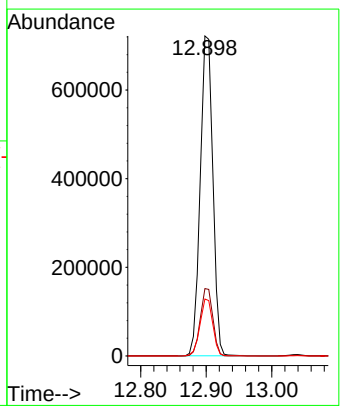


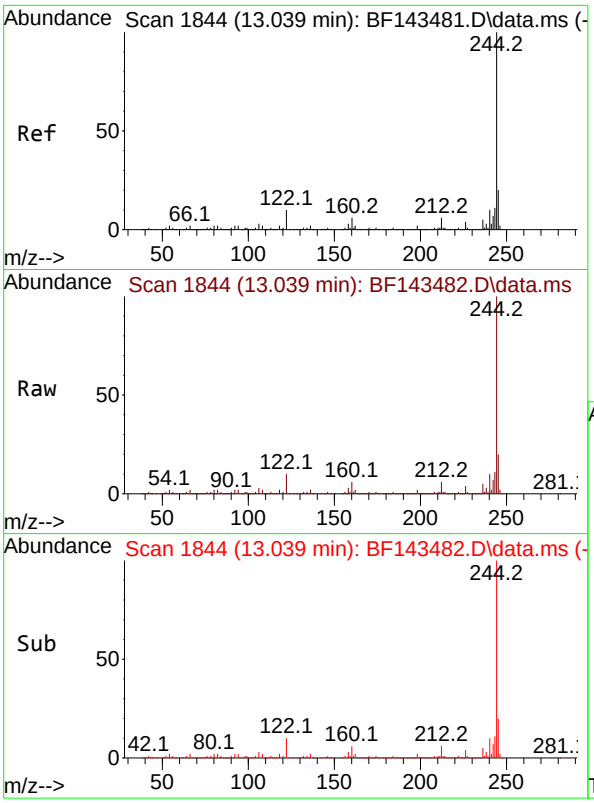


#78
Pyrene
Concen: 48.316 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



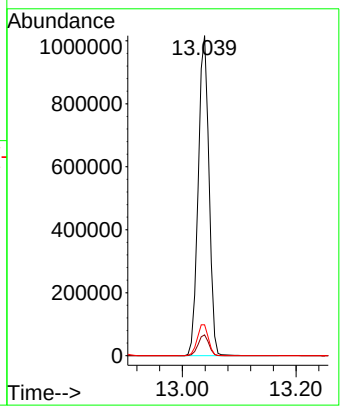


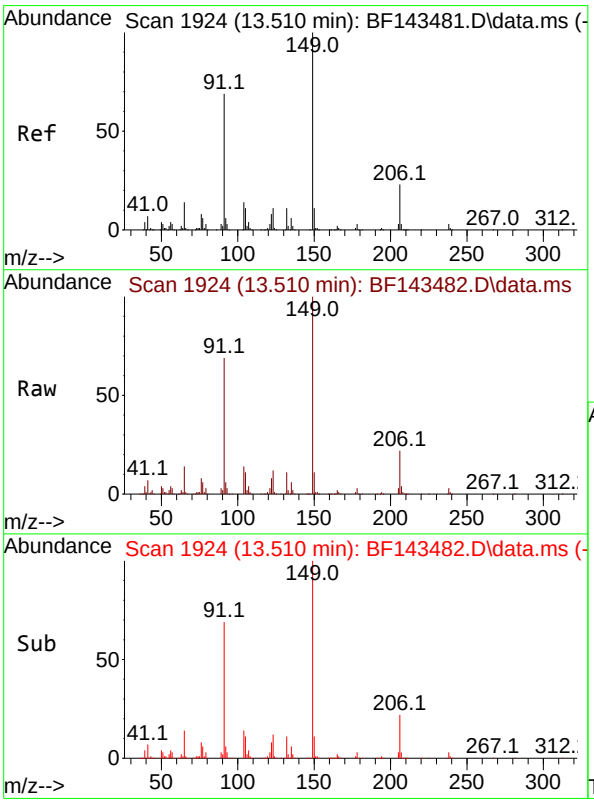
#79
Terphenyl-d14
Concen: 95.465 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

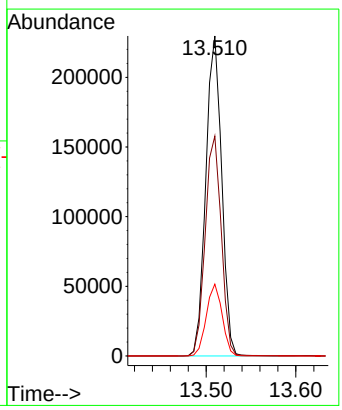


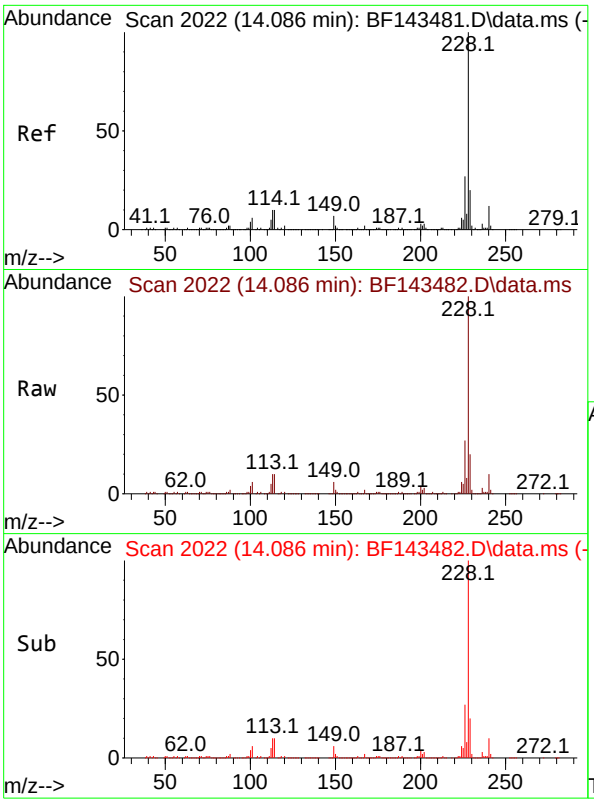


#80
Butylbenzylphthalate
Concen: 51.304 ng
RT: 13.510 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



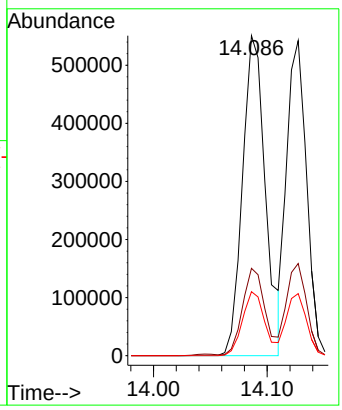


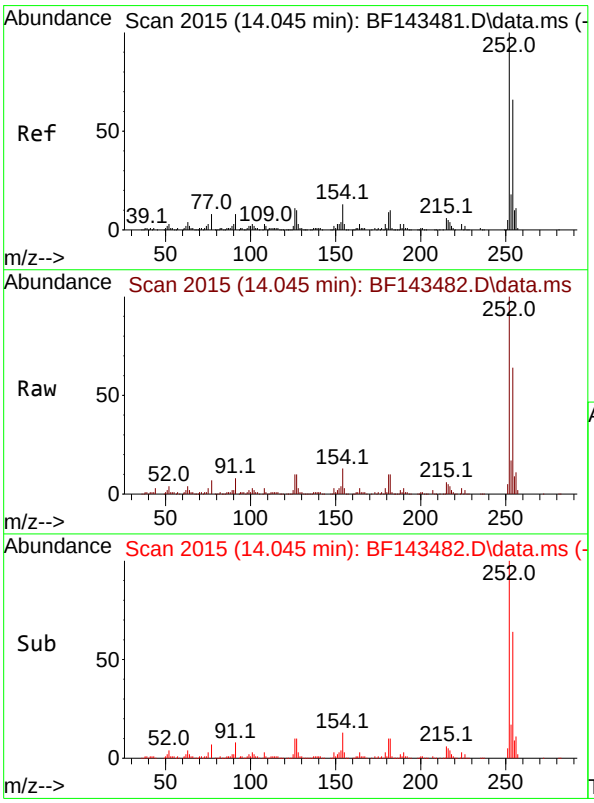
#81
Benzo(a)anthracene
Concen: 49.172 ng
RT: 14.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

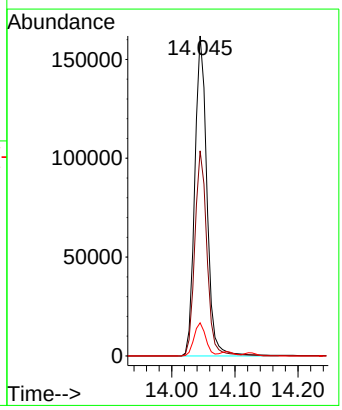


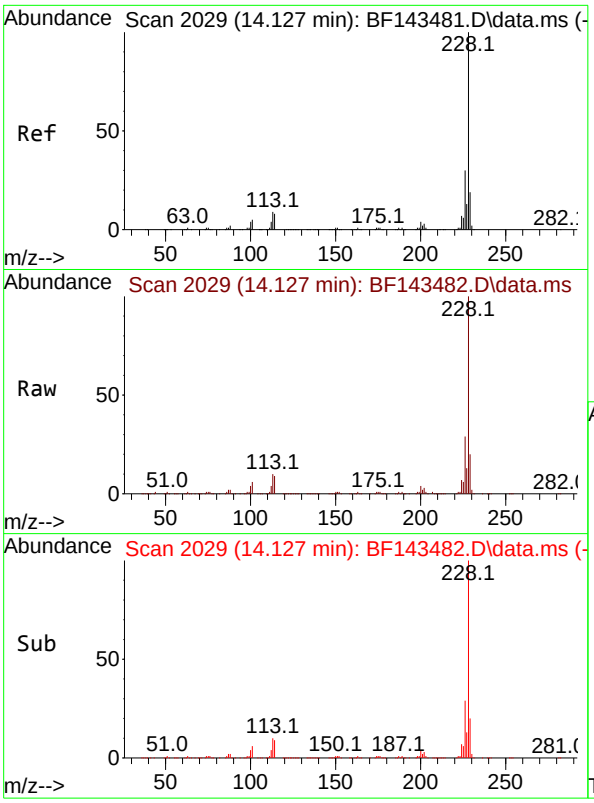


#82
3,3'-Dichlorobenzidine
Concen: 47.957 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



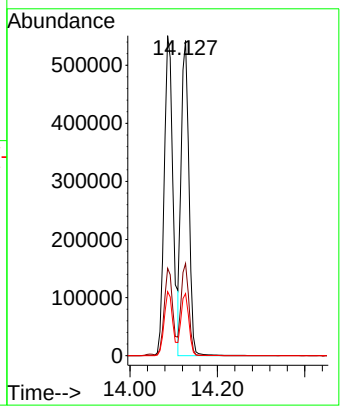


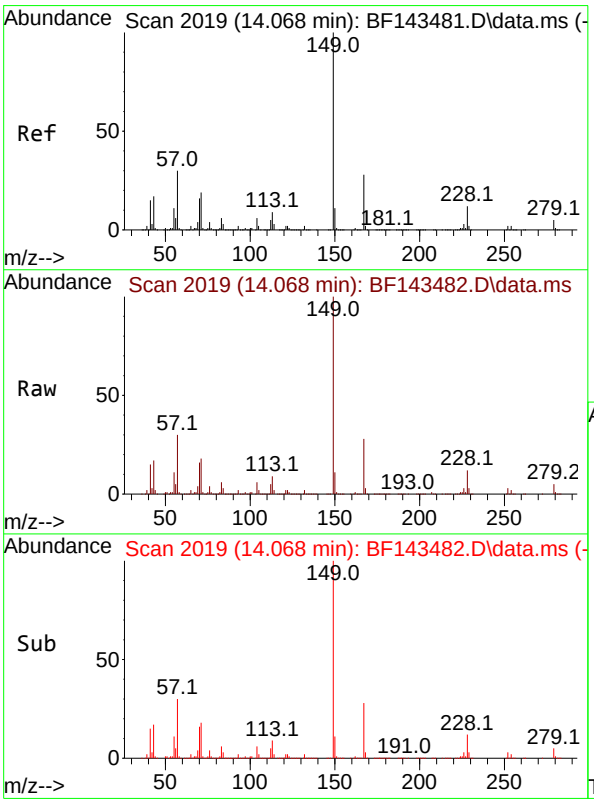
#83
Chrysene
Concen: 47.050 ng
RT: 14.127 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

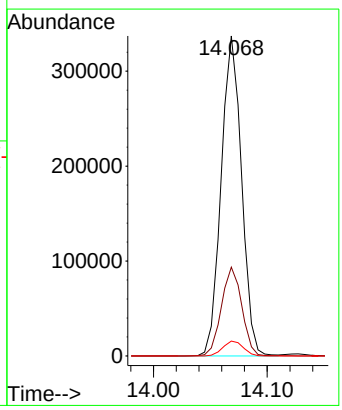


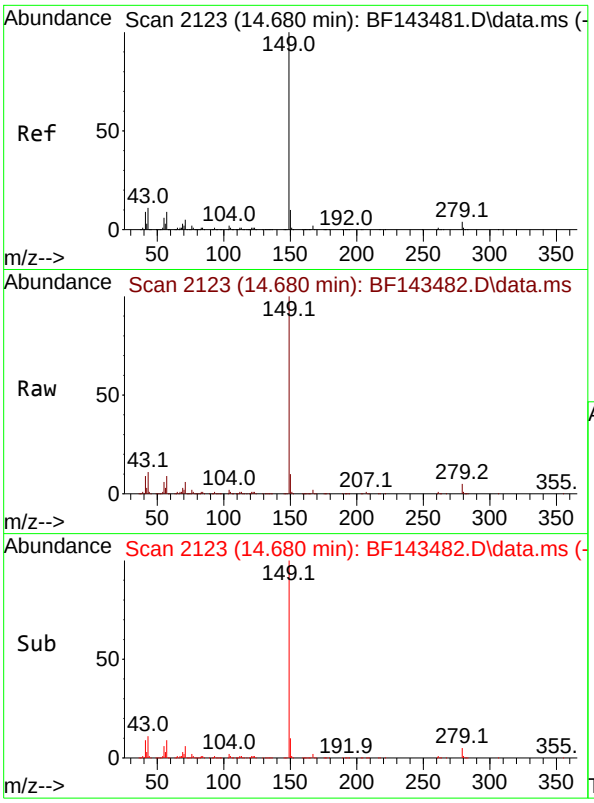


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.372 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



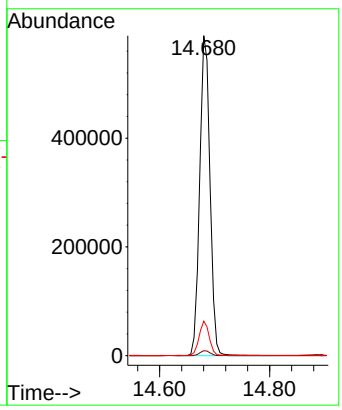


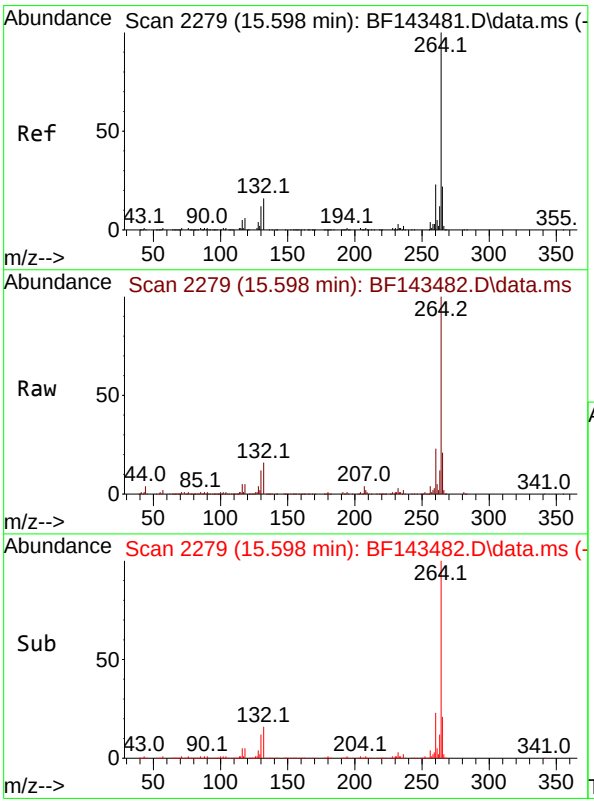
#85
Di-n-octyl phthalate
Concen: 49.329 ng
RT: 14.680 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

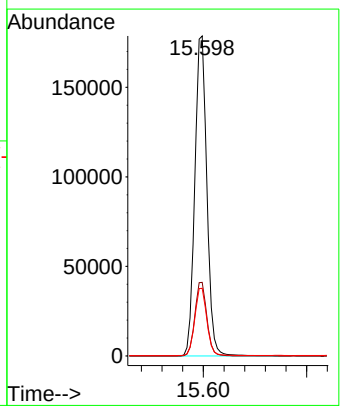


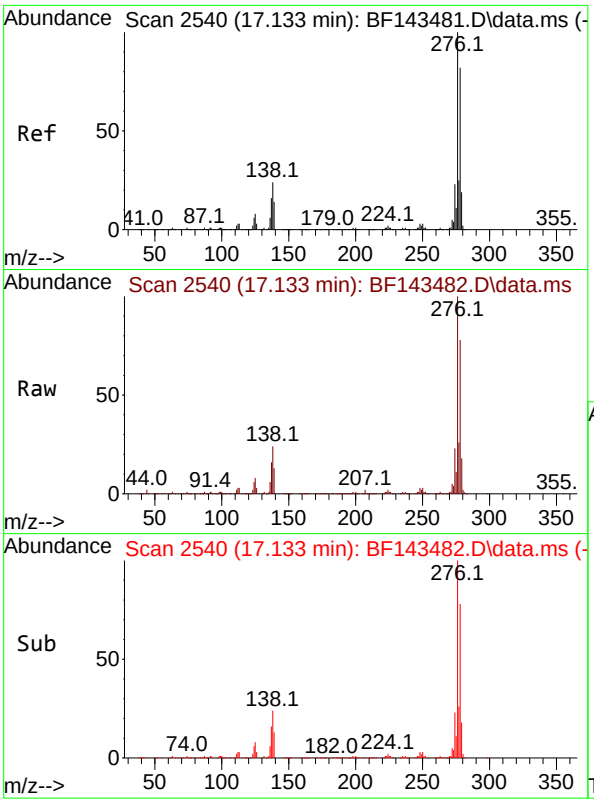


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



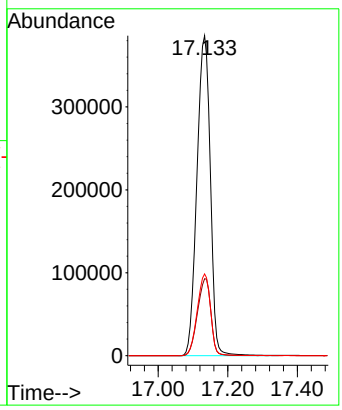


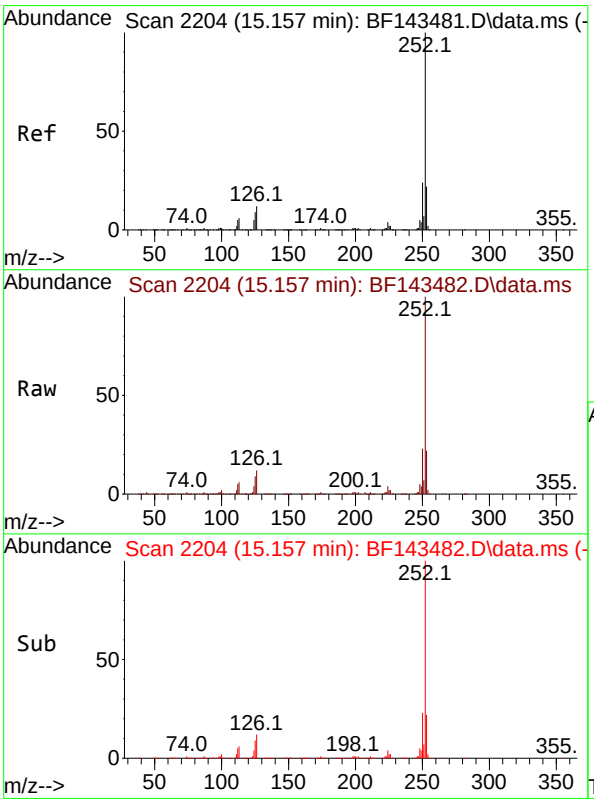
#87
Indeno(1,2,3-cd)pyrene
Concen: 49.646 ng
RT: 17.133 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

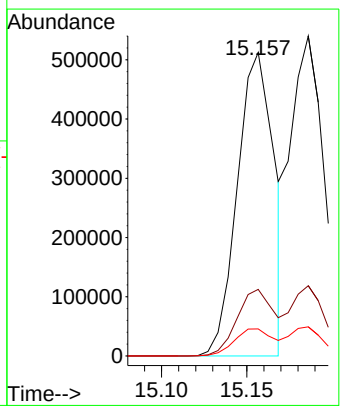


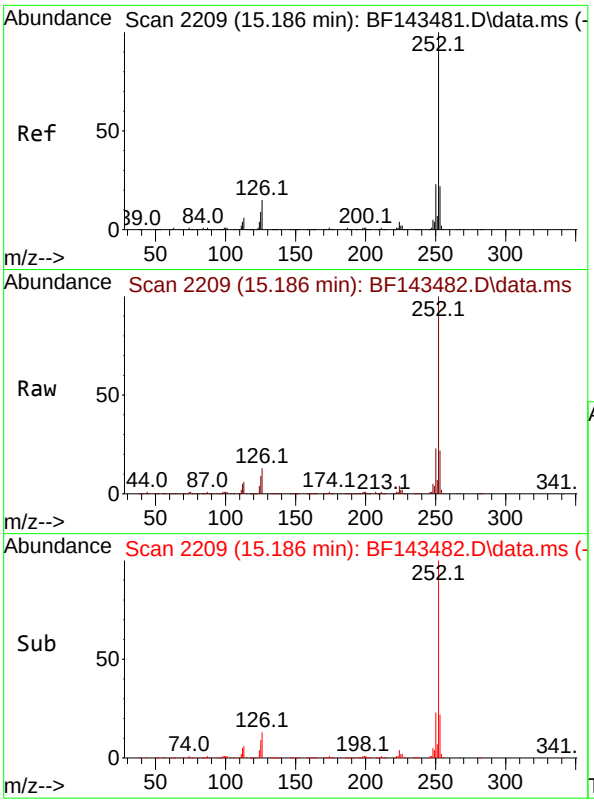


#88
Benzo(b)fluoranthene
Concen: 47.579 ng
RT: 15.157 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



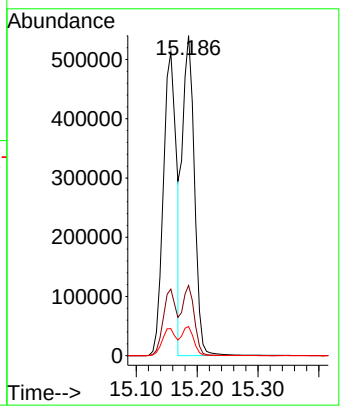


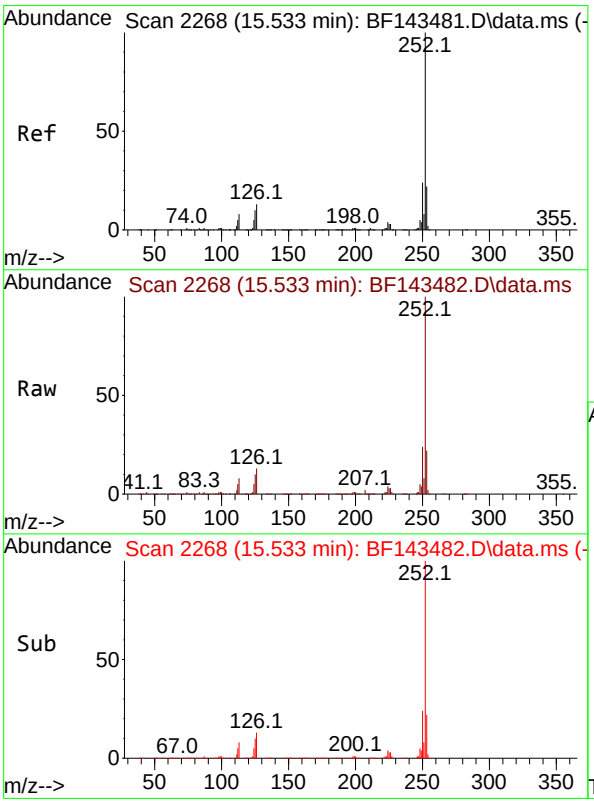
#89
Benzo(k)fluoranthene
Concen: 48.570 ng
RT: 15.186 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

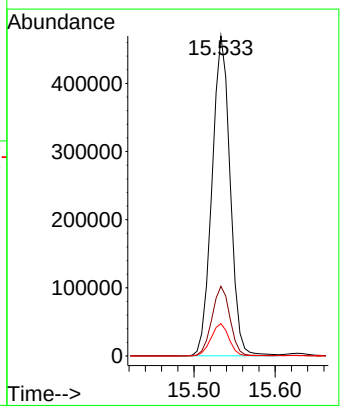


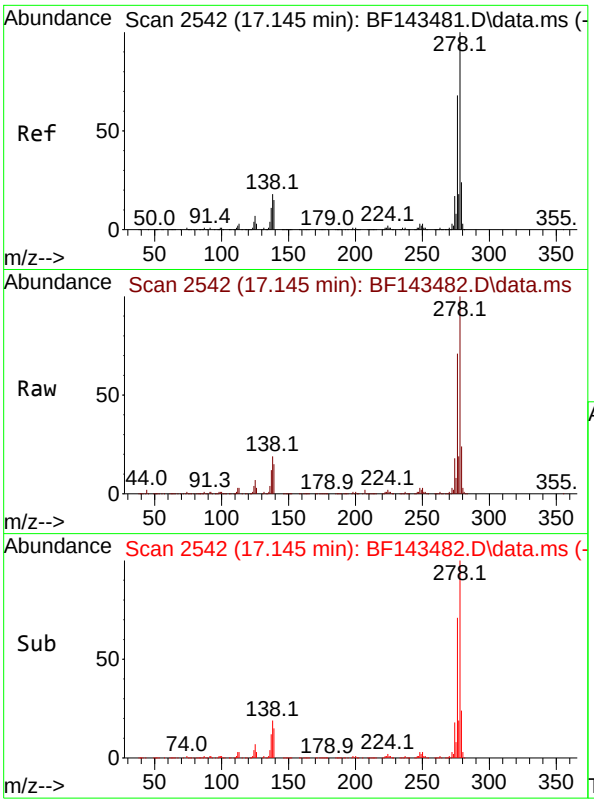


#90
Benzo(a)pyrene
Concen: 48.927 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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



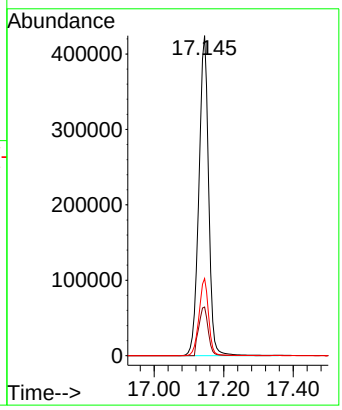


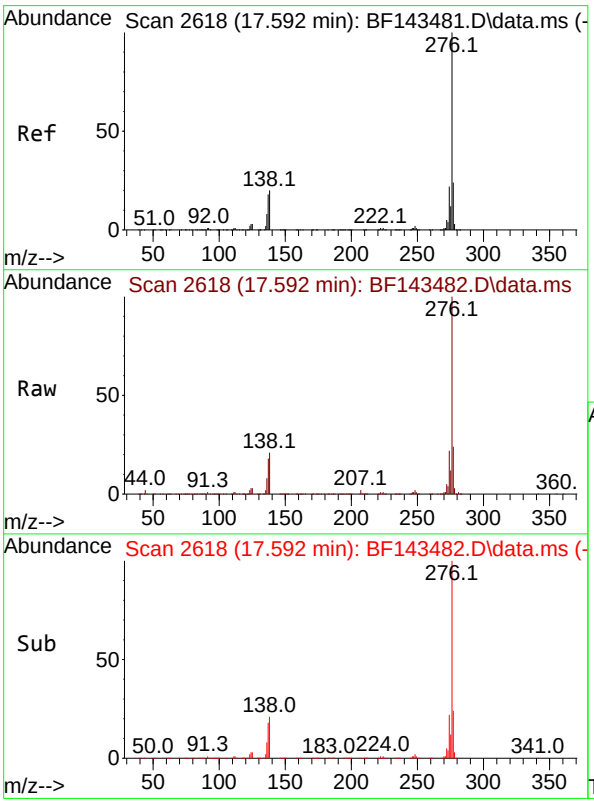
#91
Dibenzo(a,h)anthracene
Concen: 49.612 ng
RT: 17.145 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

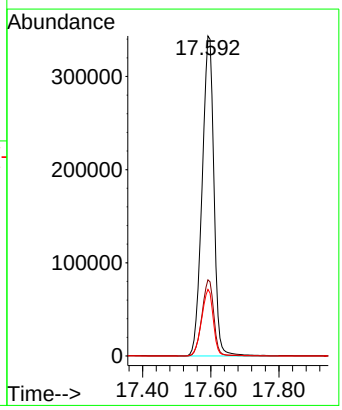




#92
Benzo(g,h,i)perylene
Concen: 50.042 ng
RT: 17.592 min Scan# 2618
Delta R.T. -0.012 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

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

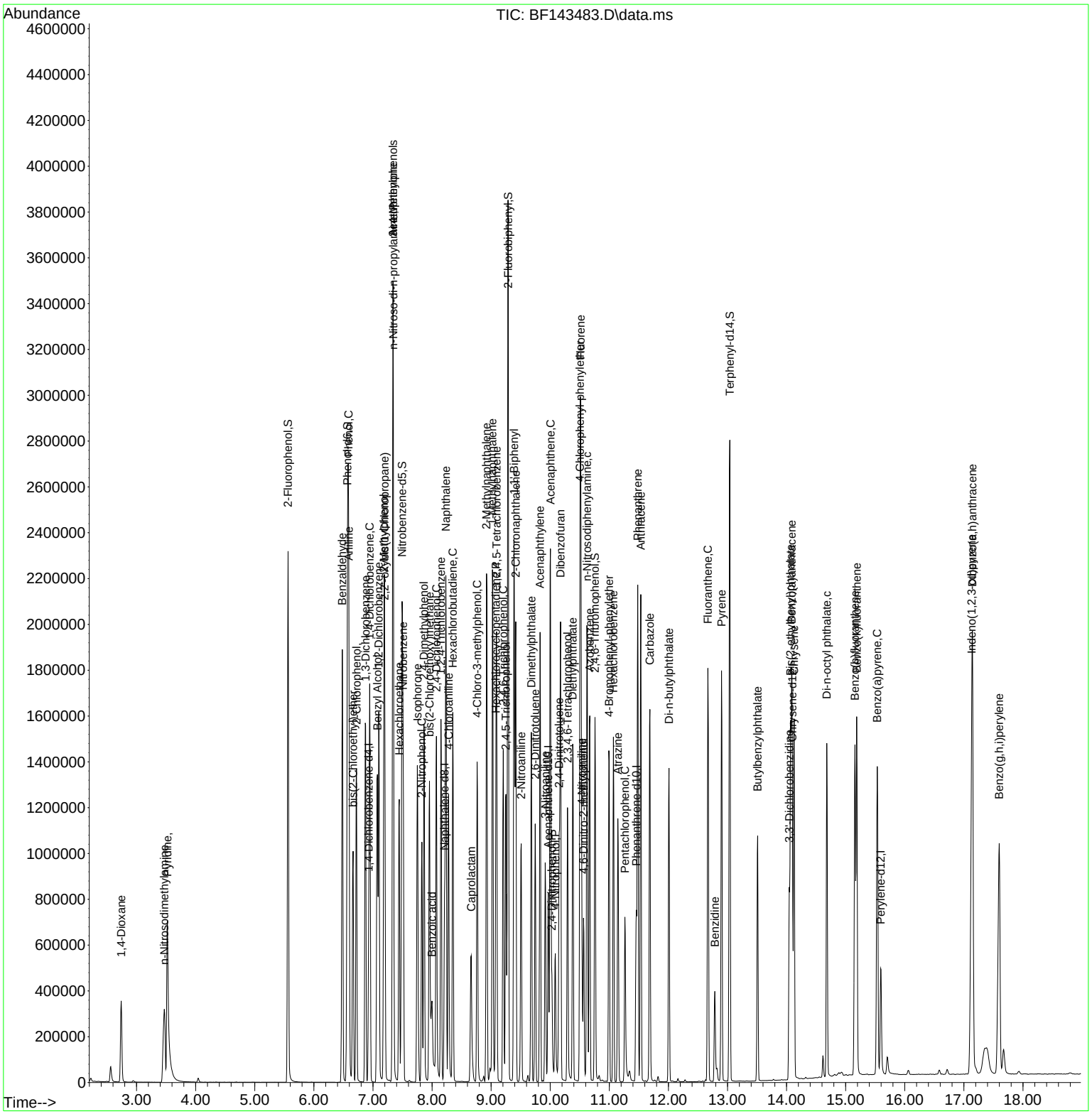
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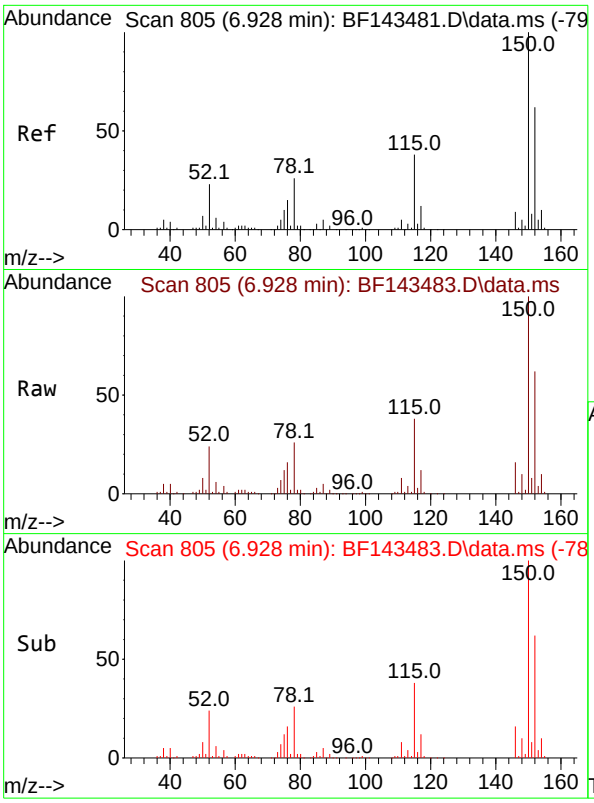
ICAL Form

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



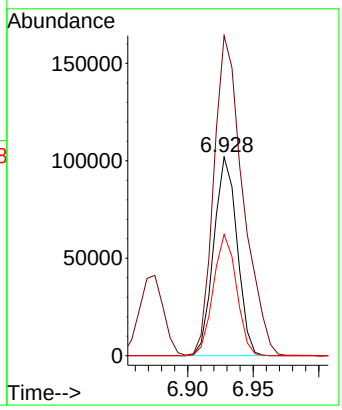


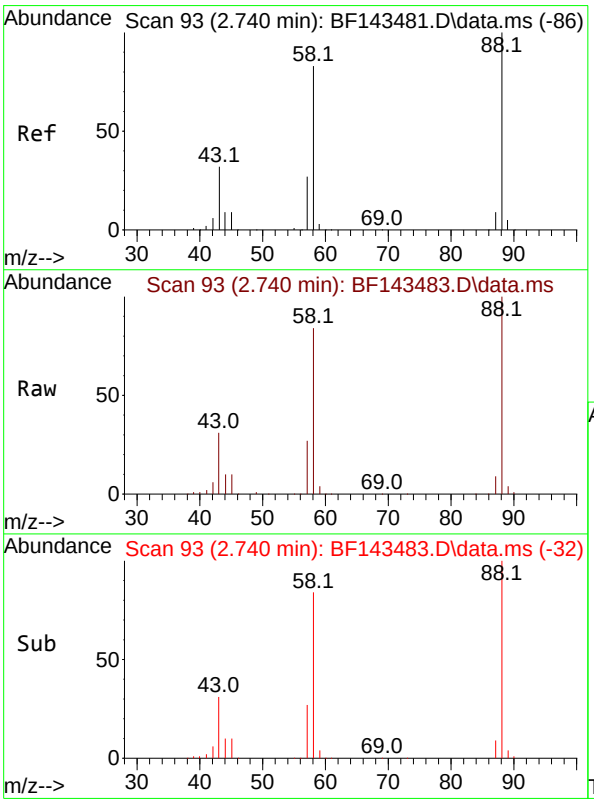
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

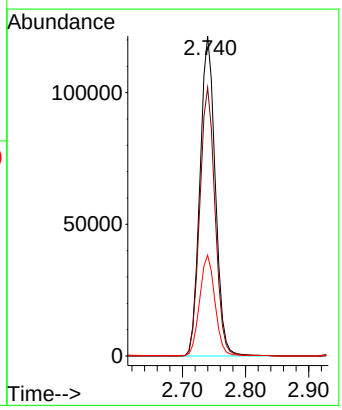


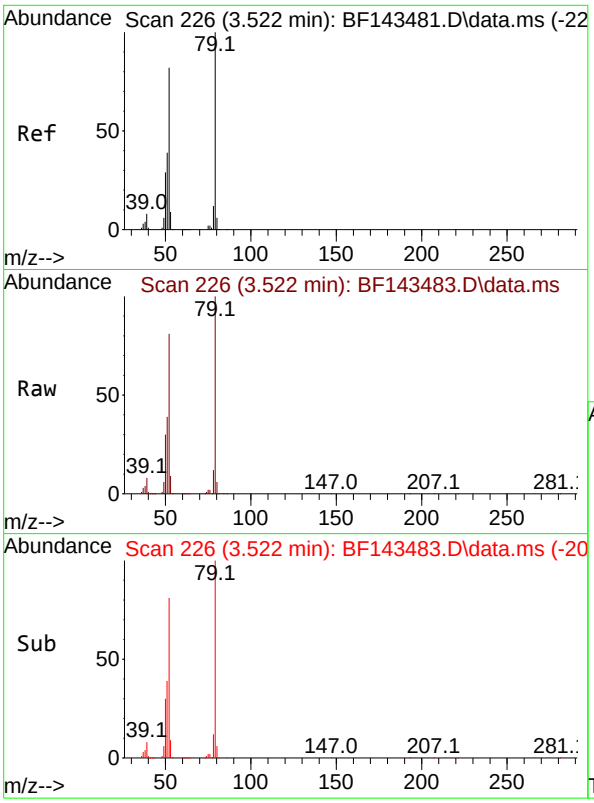


#2
1,4-Dioxane
Concen: 61.281 ng
RT: 2.740 min Scan# 93
Delta R.T. 0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



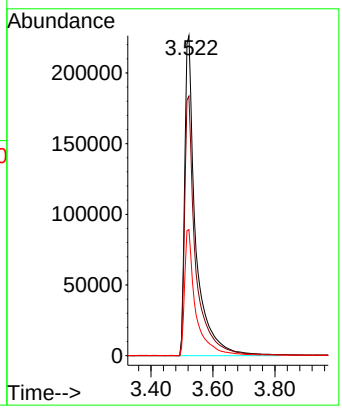


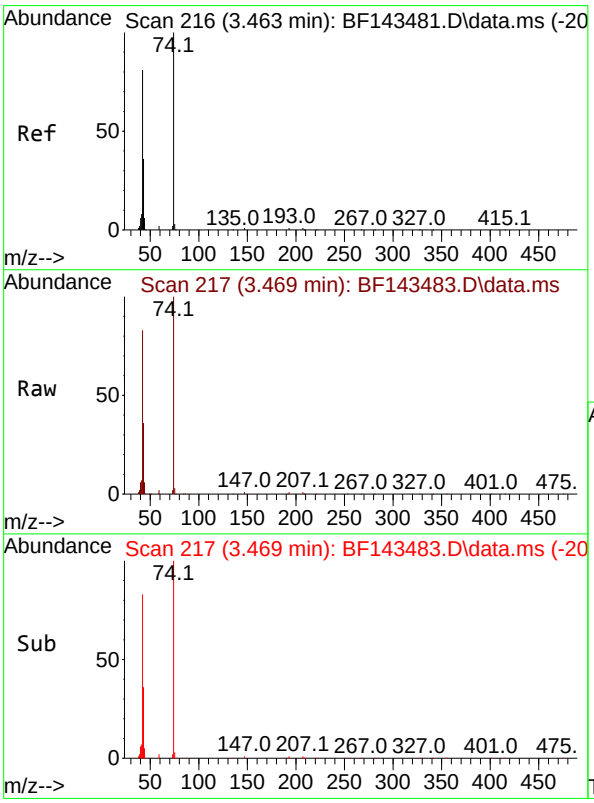
#3
Pyridine
Concen: 62.721 ng
RT: 3.522 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

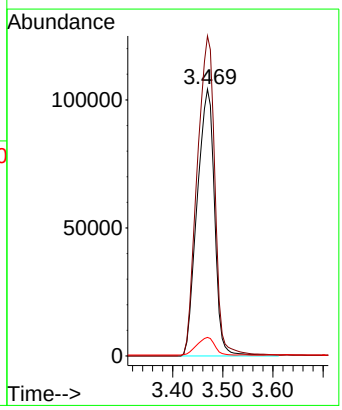


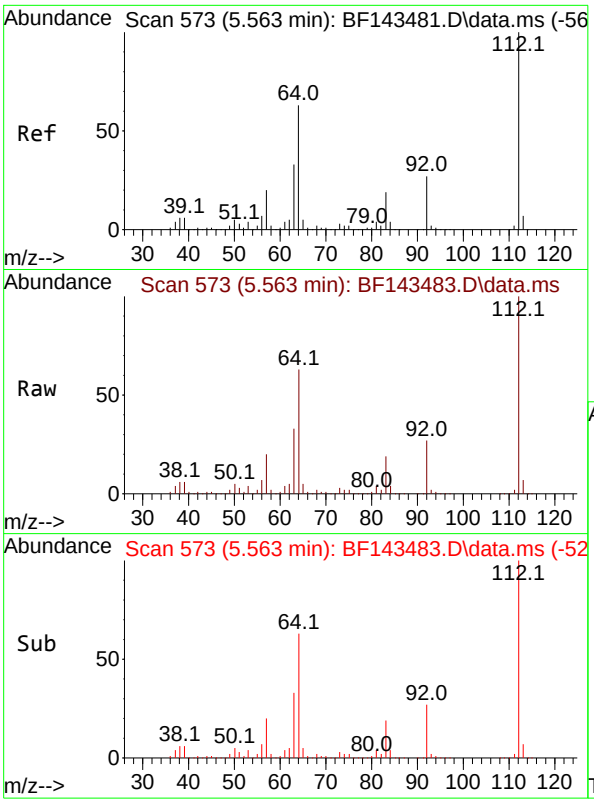


#4
n-Nitrosodimethylamine
Concen: 62.886 ng
RT: 3.469 min Scan# 217
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



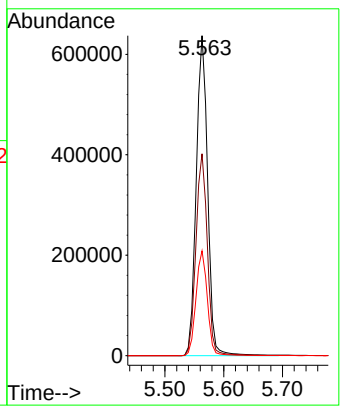


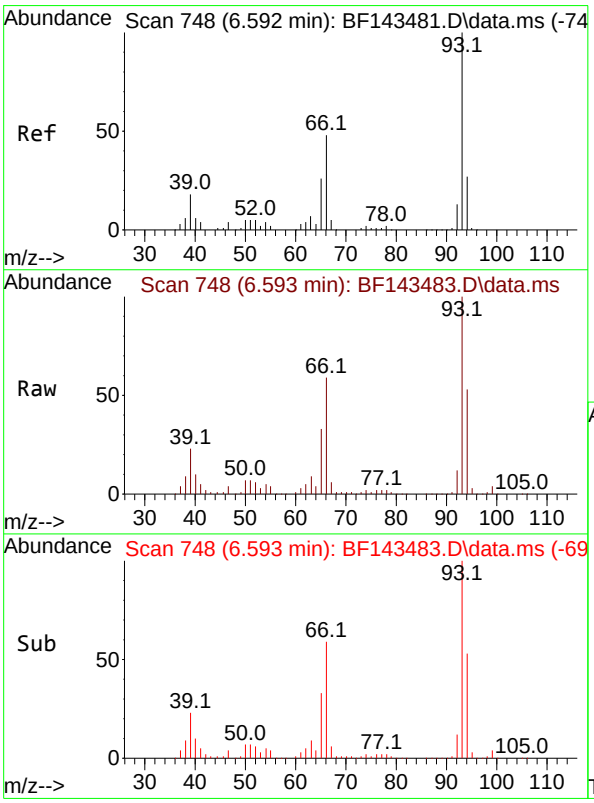
#5
2-Fluorophenol
Concen: 119.087 ng
RT: 5.563 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

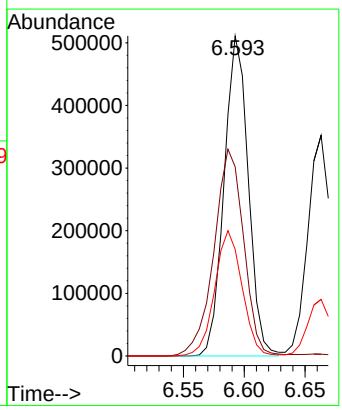


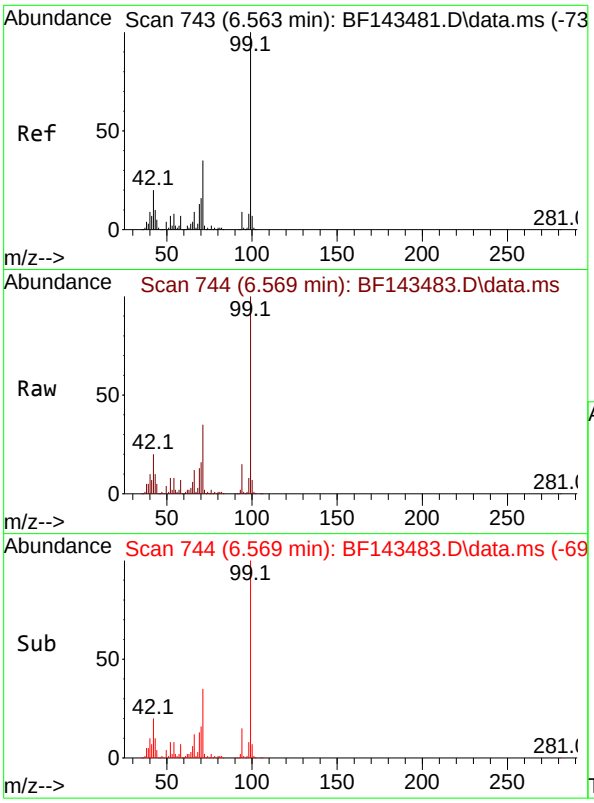


#6
Aniline
Concen: 59.165 ng
RT: 6.593 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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#



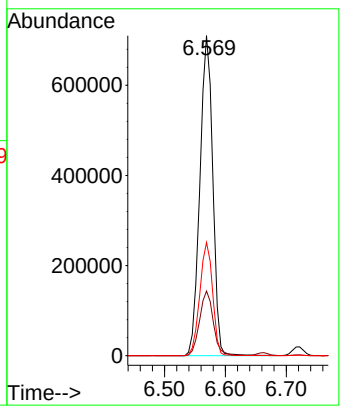


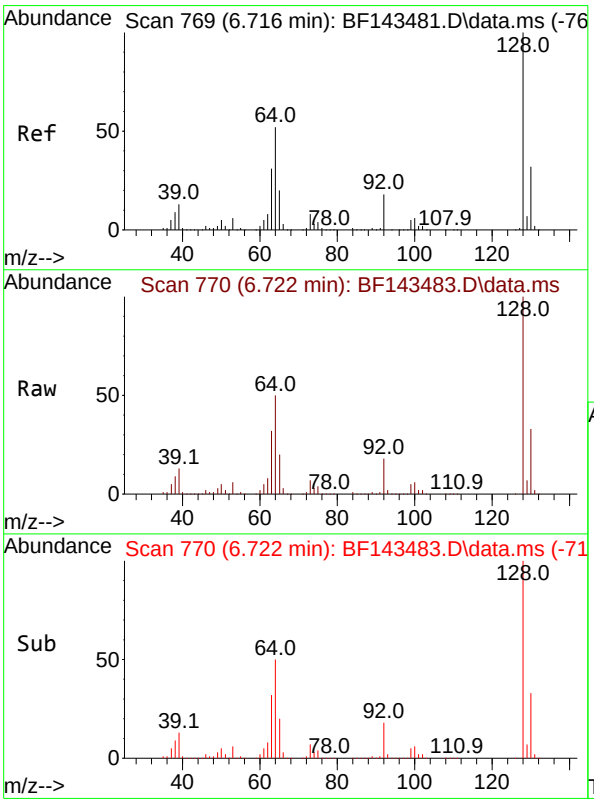
#7
Phenol-d6
Concen: 117.430 ng
RT: 6.569 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

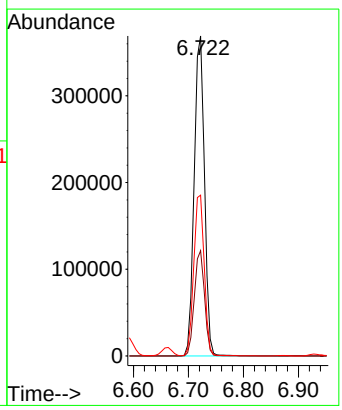


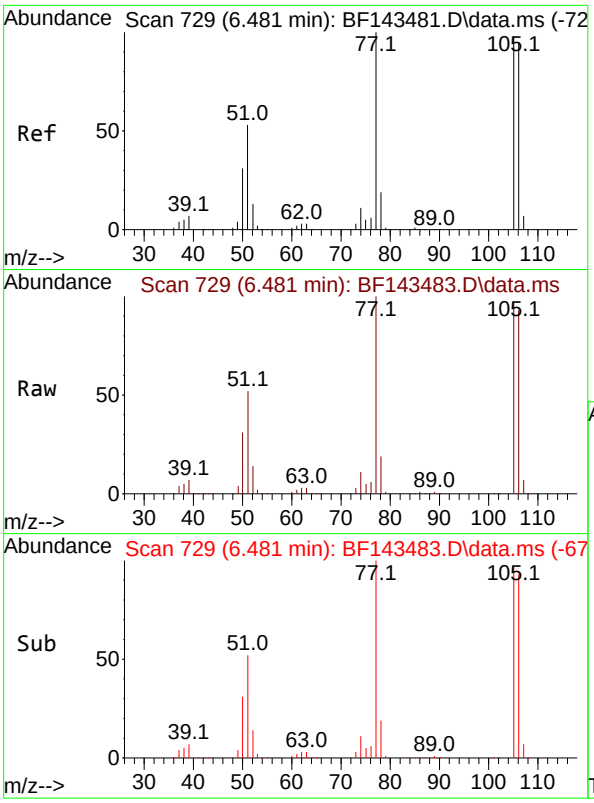


#8
2-Chlorophenol
Concen: 60.217 ng
RT: 6.722 min Scan# 770
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



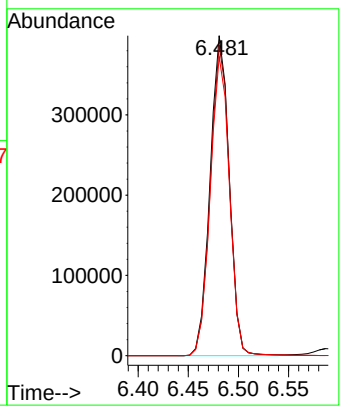


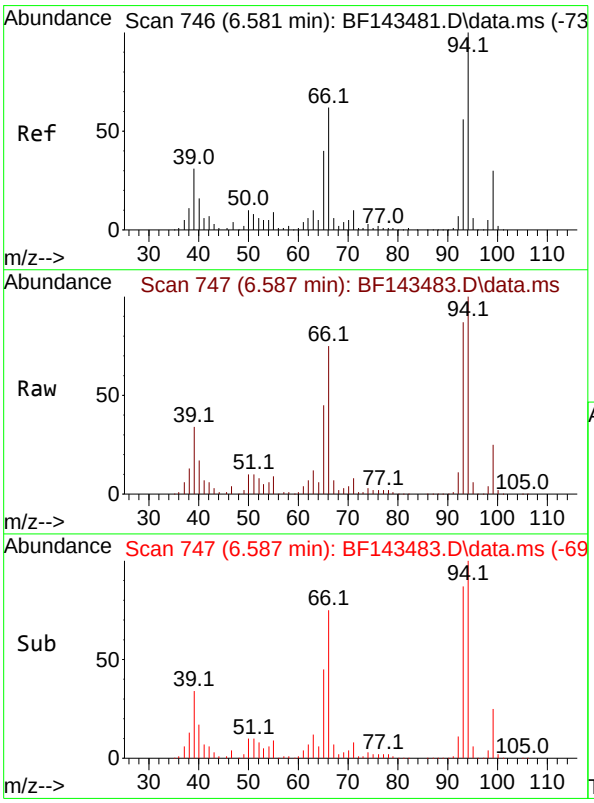
#9
Benzaldehyde
Concen: 73.472 ng
RT: 6.481 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

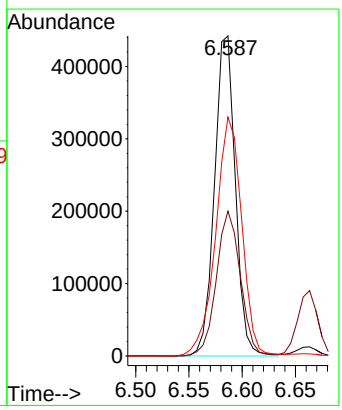


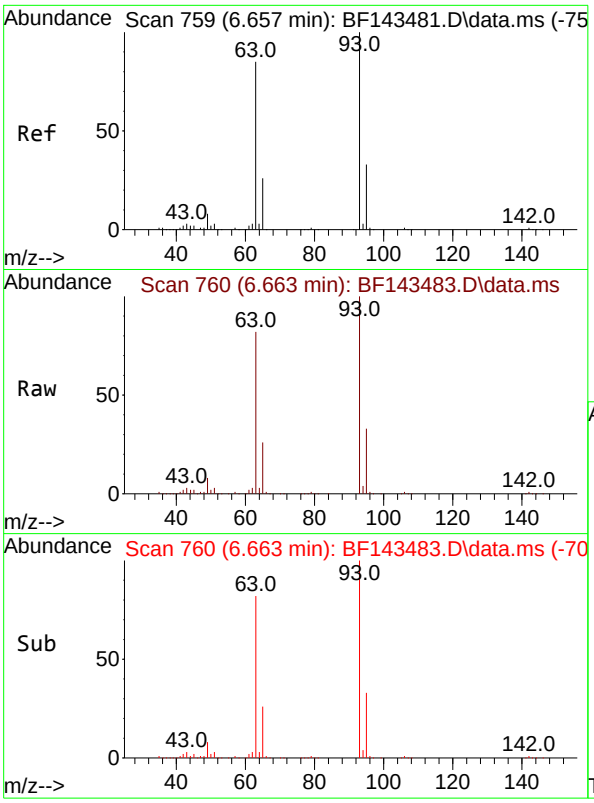


#10
Phenol
Concen: 58.663 ng
RT: 6.587 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



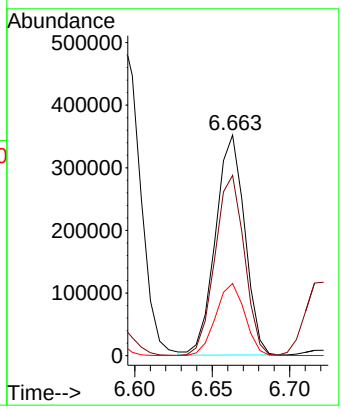


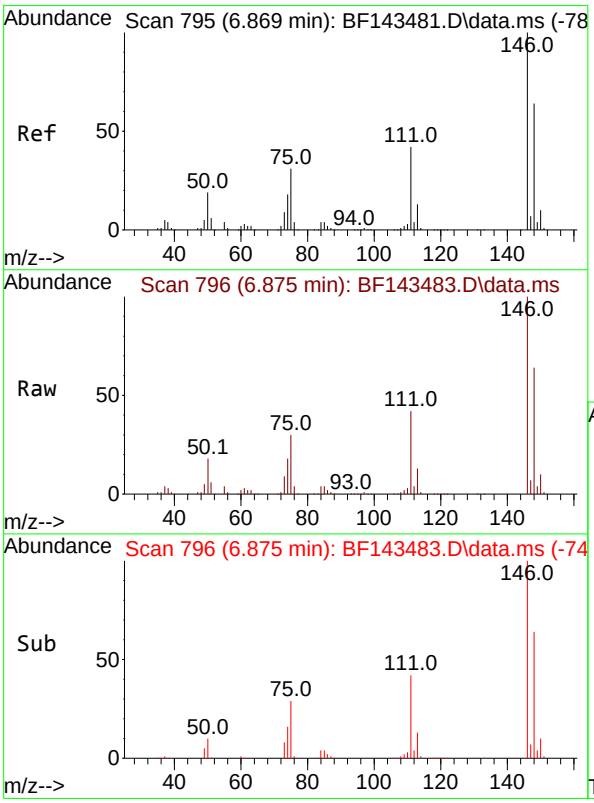
#11
bis(2-Chloroethyl)ether
Concen: 60.168 ng
RT: 6.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

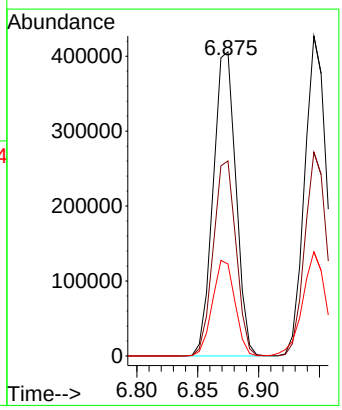


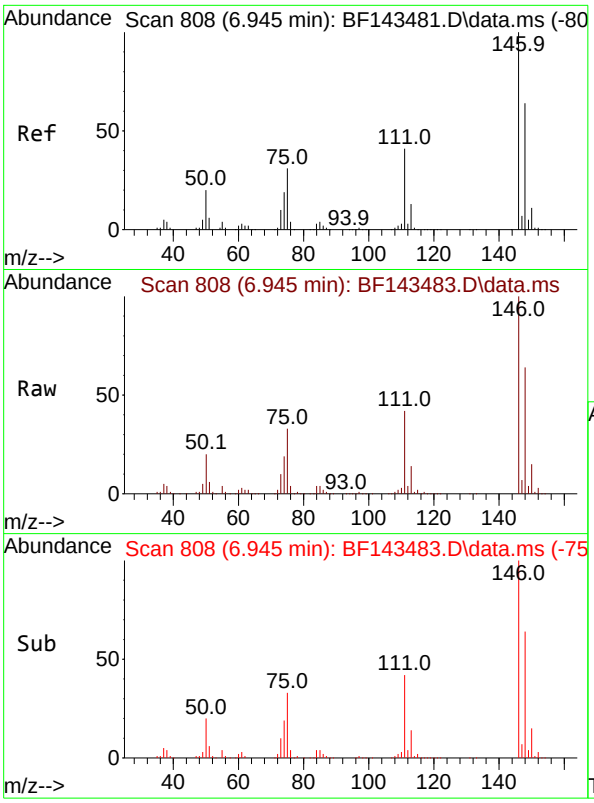


#12
1,3-Dichlorobenzene
Concen: 59.050 ng
RT: 6.875 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



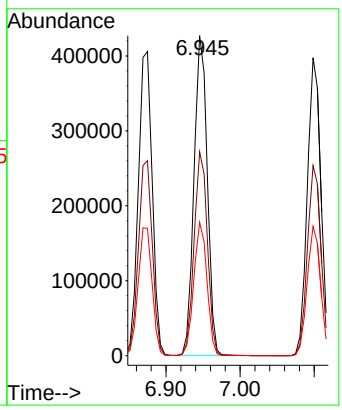


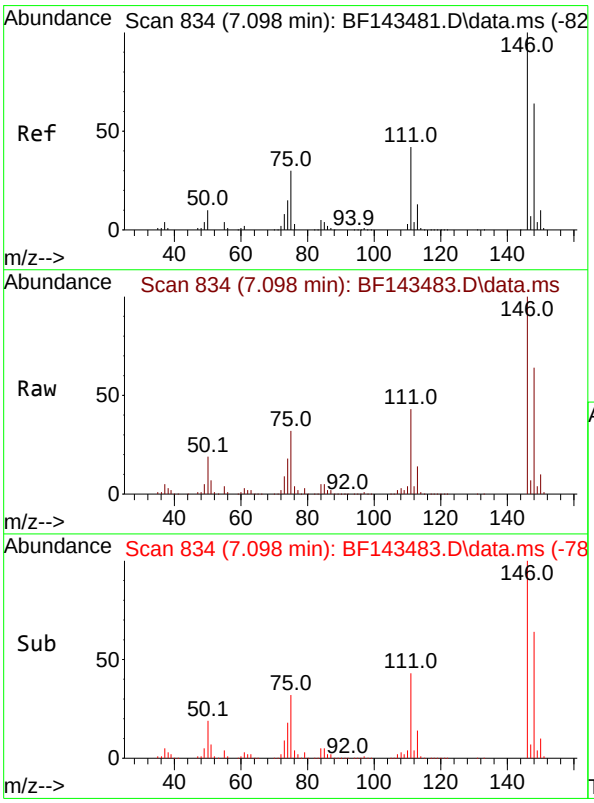
#13
1,4-Dichlorobenzene
Concen: 59.307 ng
RT: 6.945 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

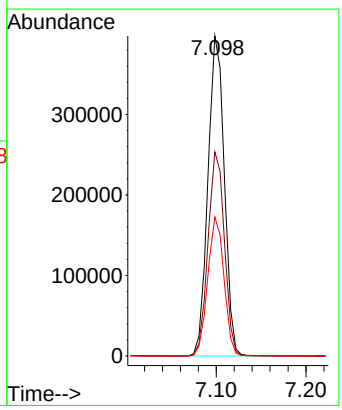


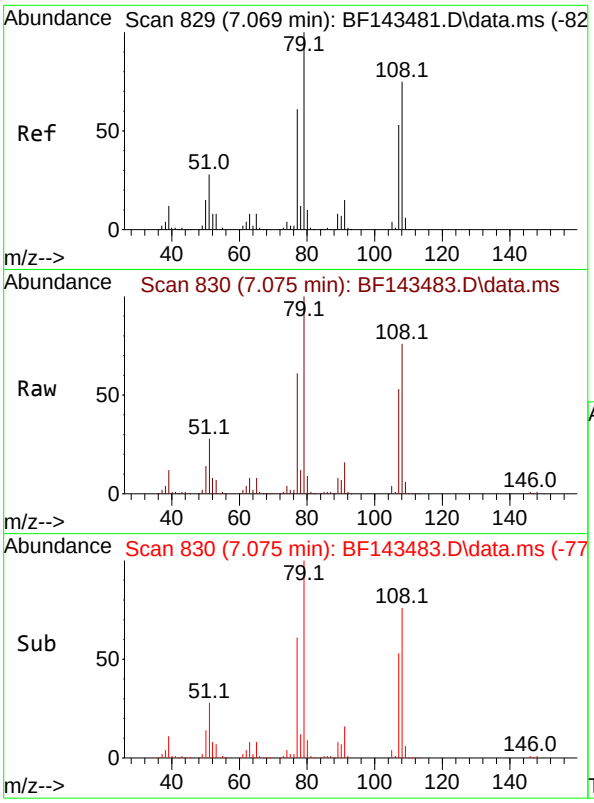


#14
1,2-Dichlorobenzene
Concen: 59.261 ng
RT: 7.098 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



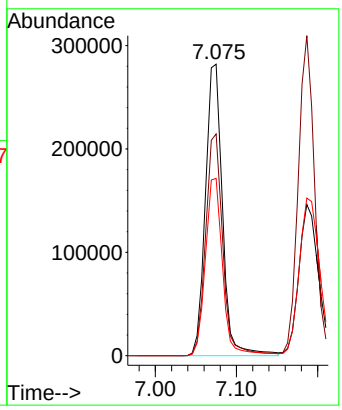


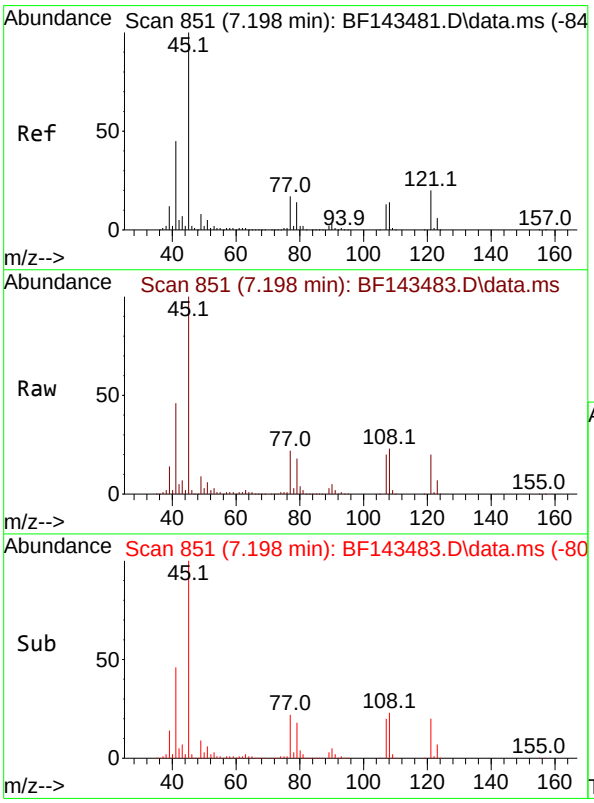
#15
Benzyl Alcohol
Concen: 61.650 ng
RT: 7.075 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

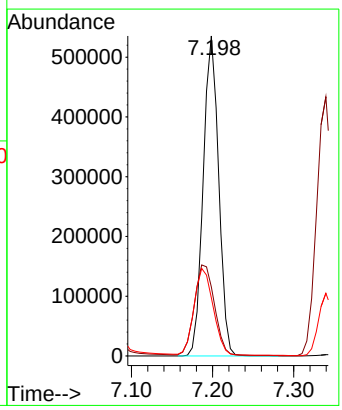


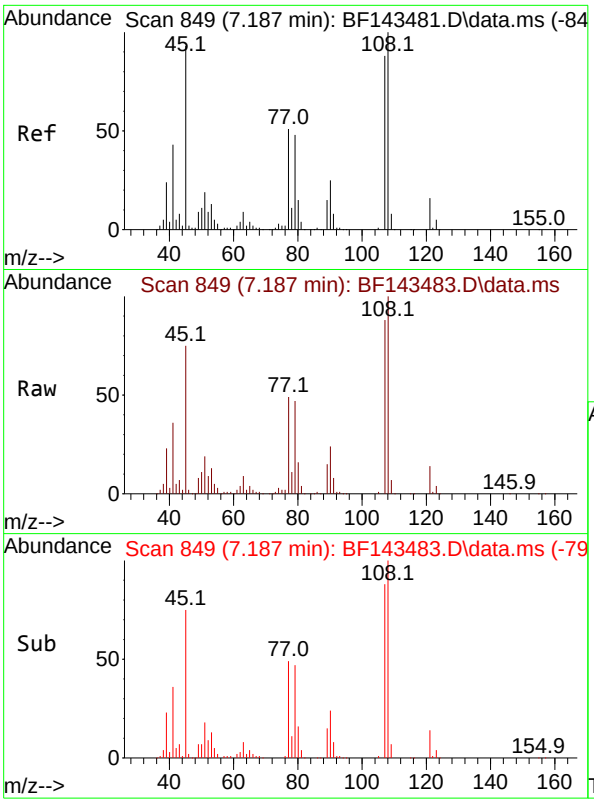


#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.560 ng
RT: 7.198 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



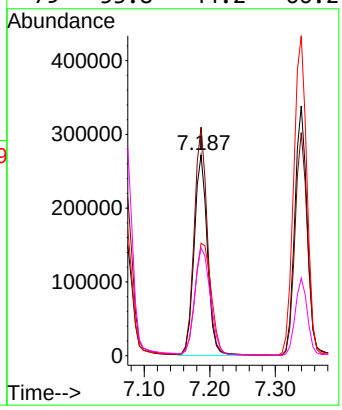


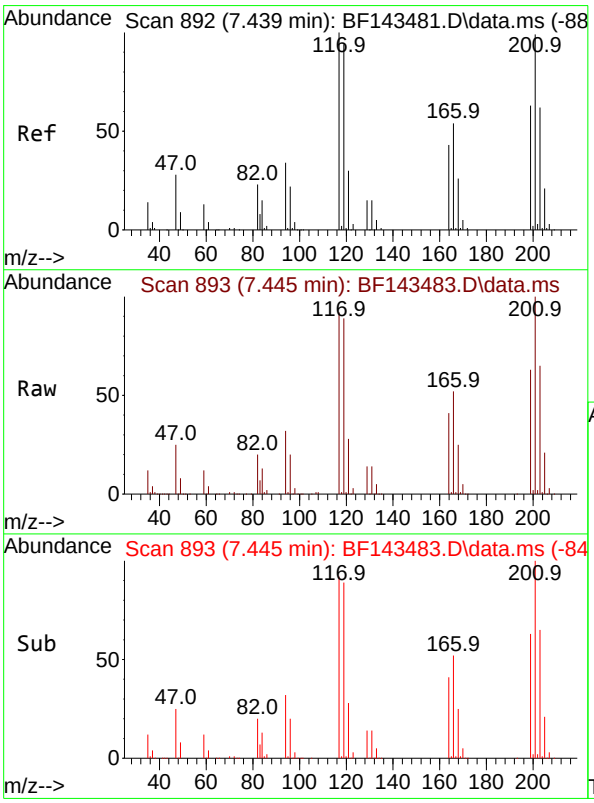
#17
2-Methylphenol
Concen: 59.749 ng
RT: 7.187 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

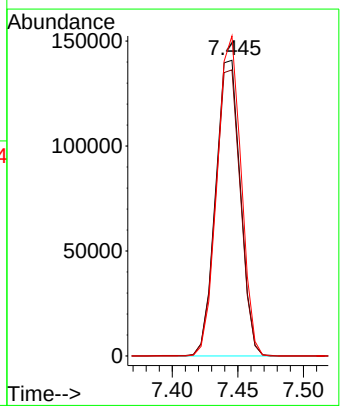


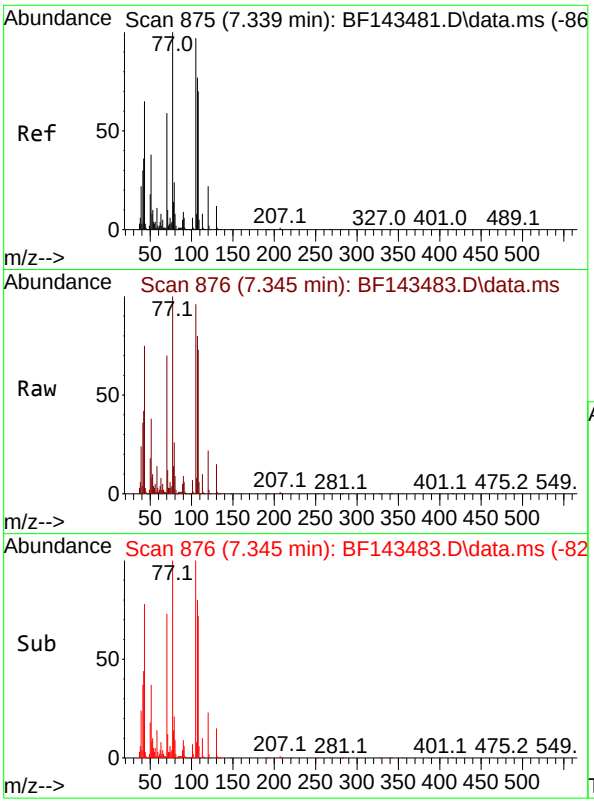


#18
Hexachloroethane
Concen: 60.543 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



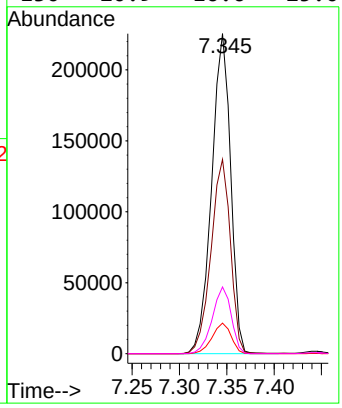


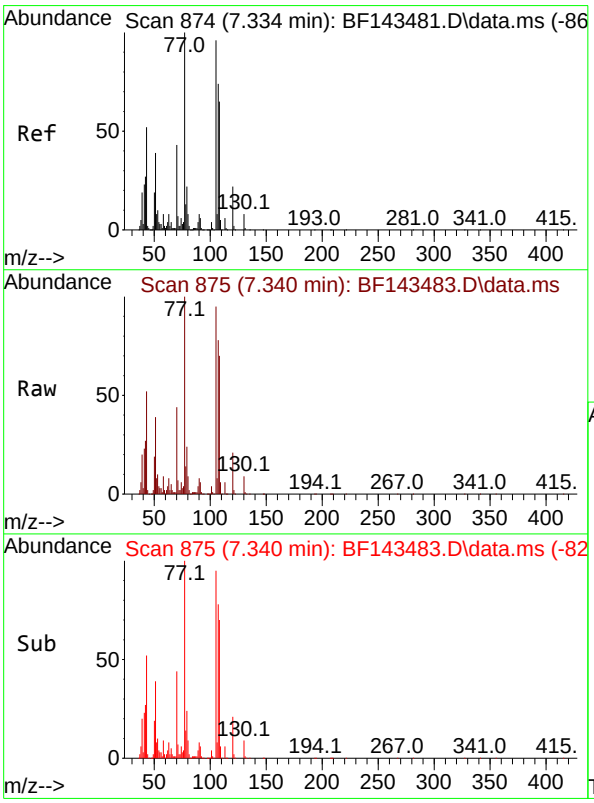
#19
n-Nitroso-di-n-propylamine
Concen: 57.737 ng
RT: 7.345 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

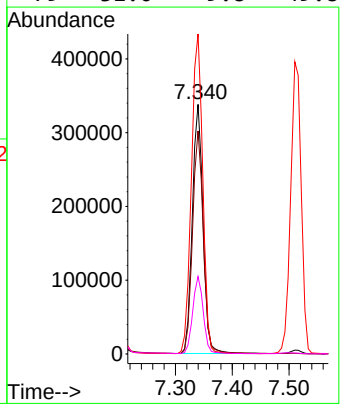


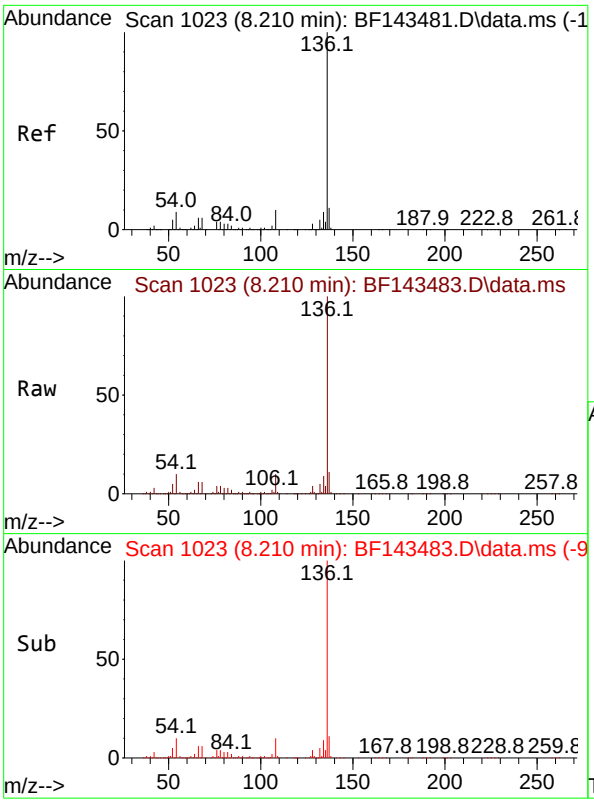


#20
3+4-Methylphenols
Concen: 58.302 ng
RT: 7.340 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



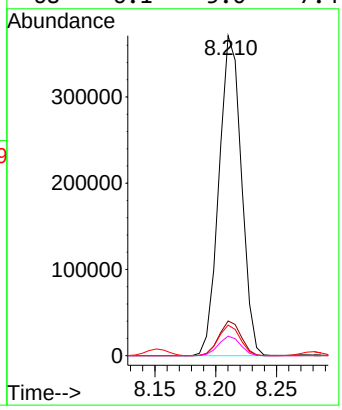


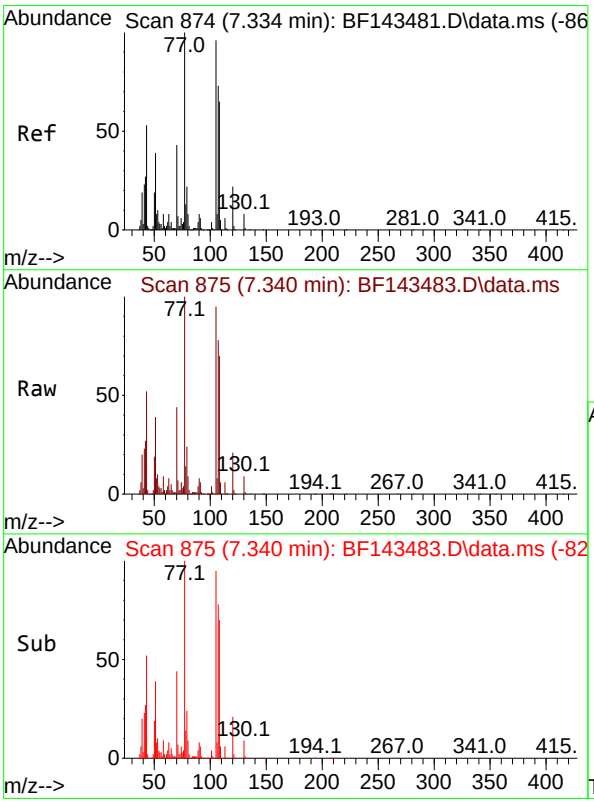
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

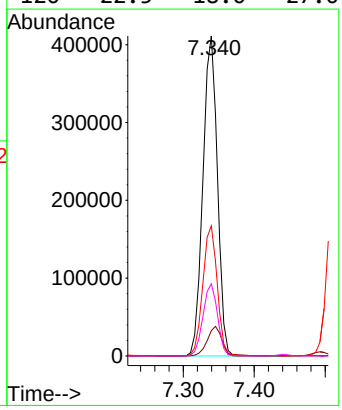


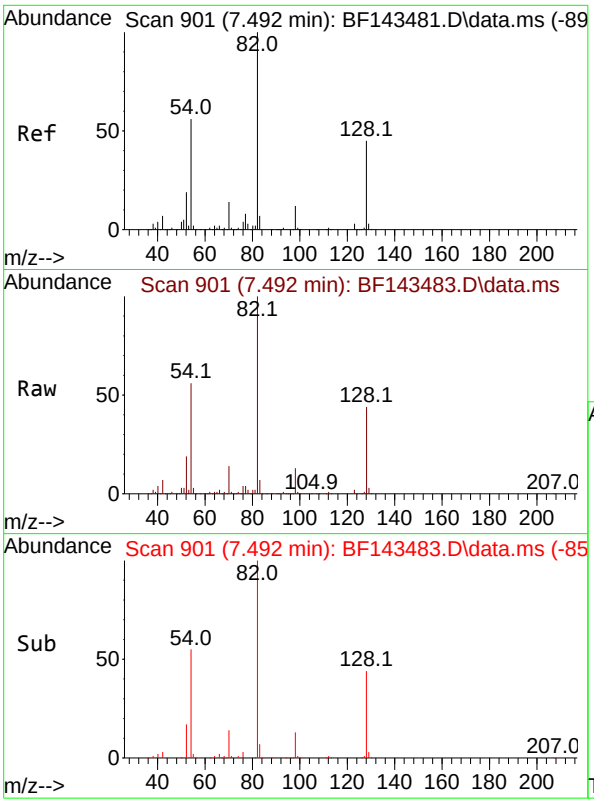


#22
Acetophenone
Concen: 56.897 ng
RT: 7.340 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



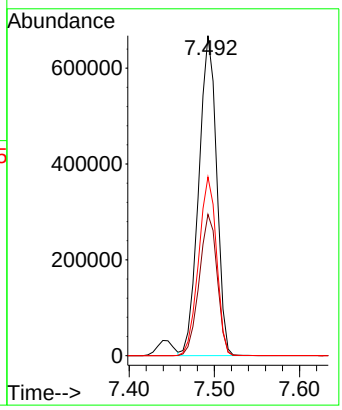


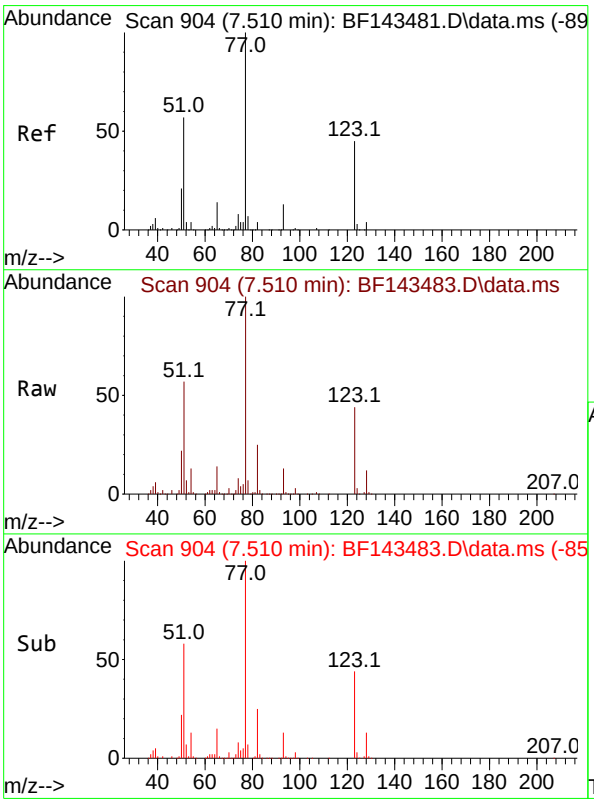
#23
Nitrobenzene-d5
Concen: 119.058 ng
RT: 7.492 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

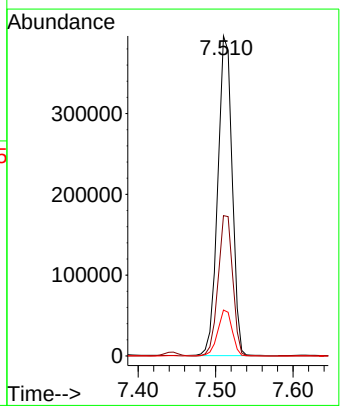


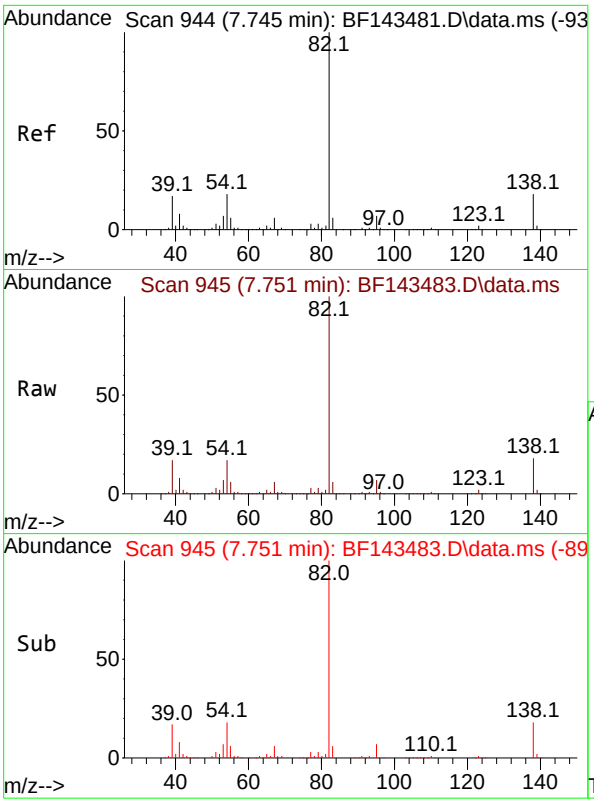


#24
Nitrobenzene
Concen: 60.850 ng
RT: 7.510 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



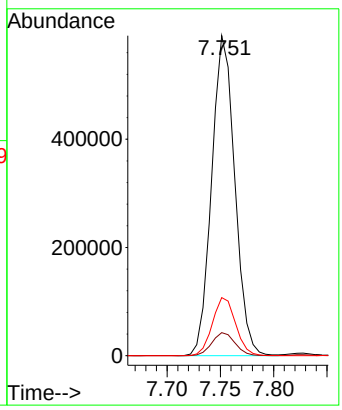


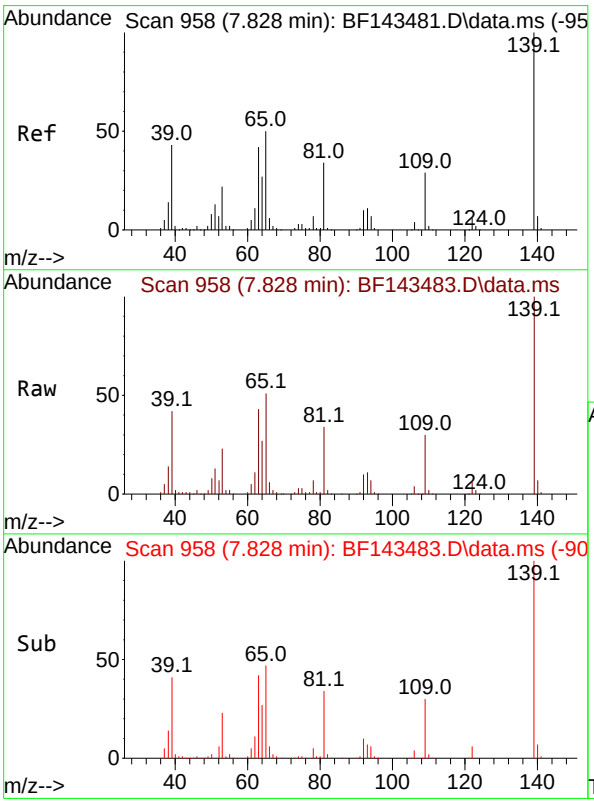
#25
Isophorone
Concen: 59.733 ng
RT: 7.751 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

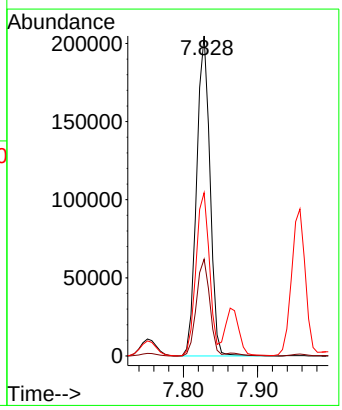


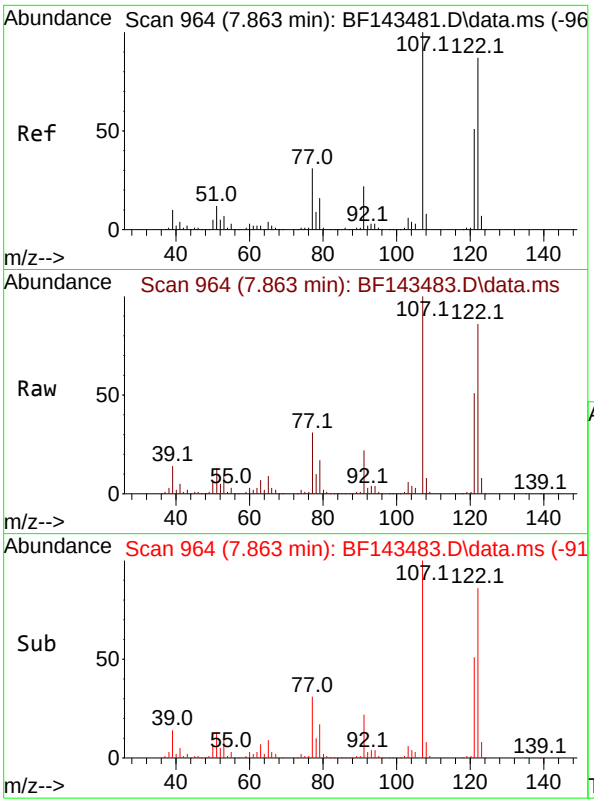


#26
2-Nitrophenol
Concen: 62.434 ng
RT: 7.828 min Scan# 958
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



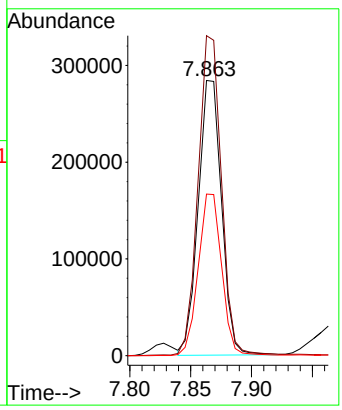


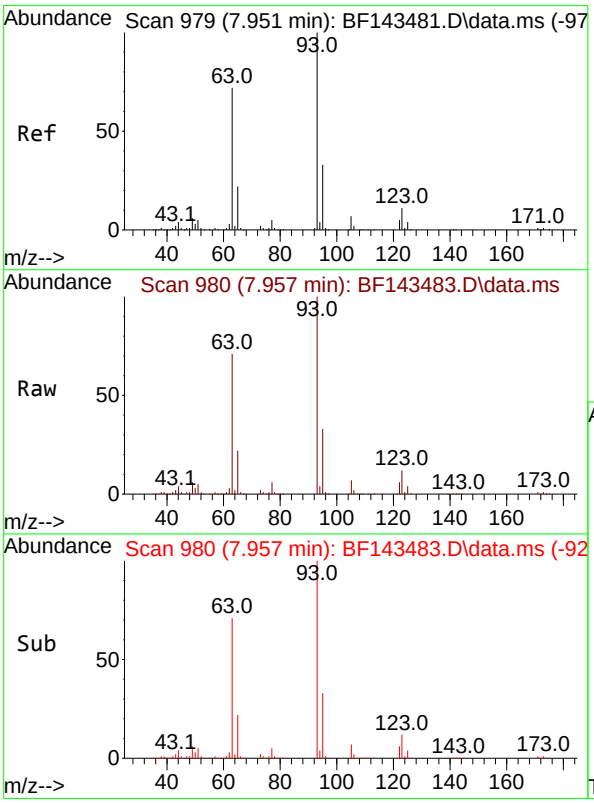
#27
2,4-Dimethylphenol
Concen: 59.098 ng
RT: 7.863 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

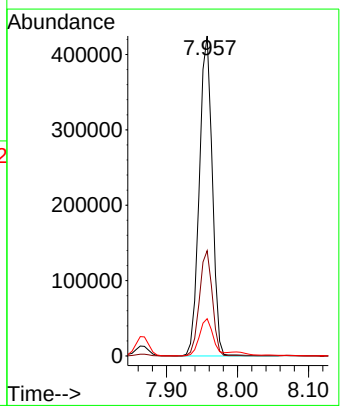


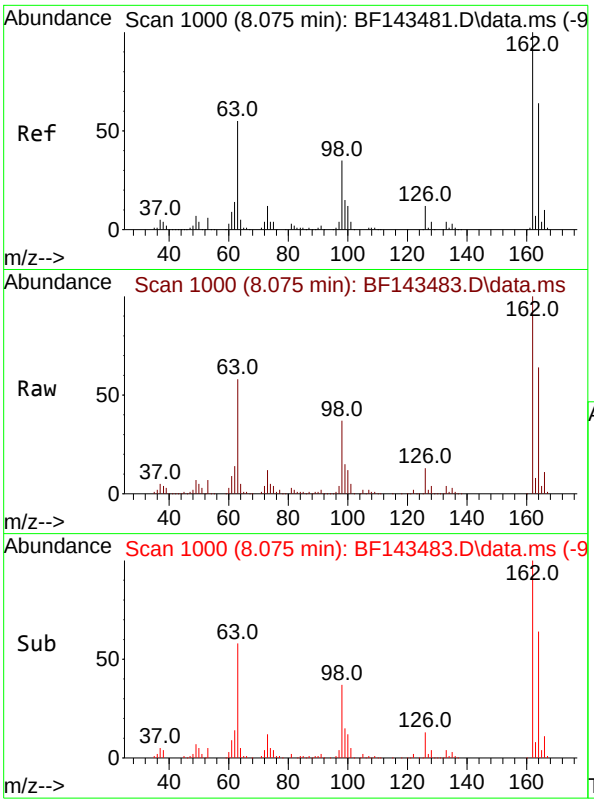


#28
bis(2-Chloroethoxy)methane
Concen: 58.925 ng
RT: 7.957 min Scan# 980
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



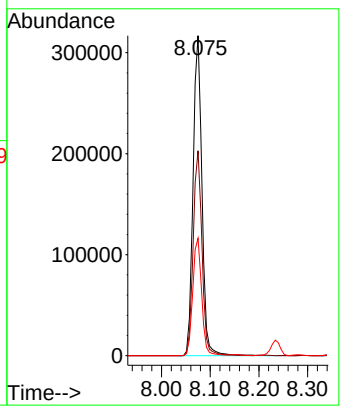


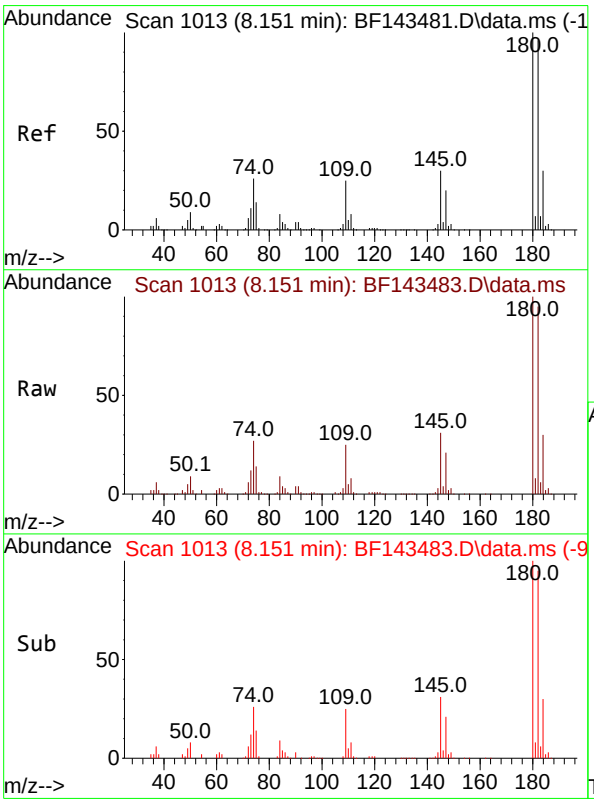
#29
2,4-Dichlorophenol
Concen: 59.031 ng
RT: 8.075 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

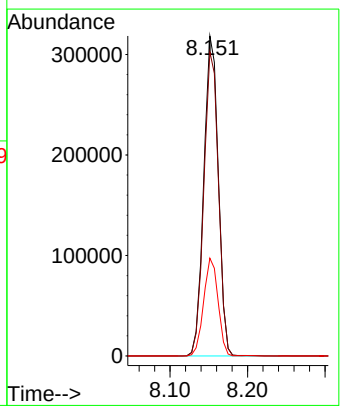


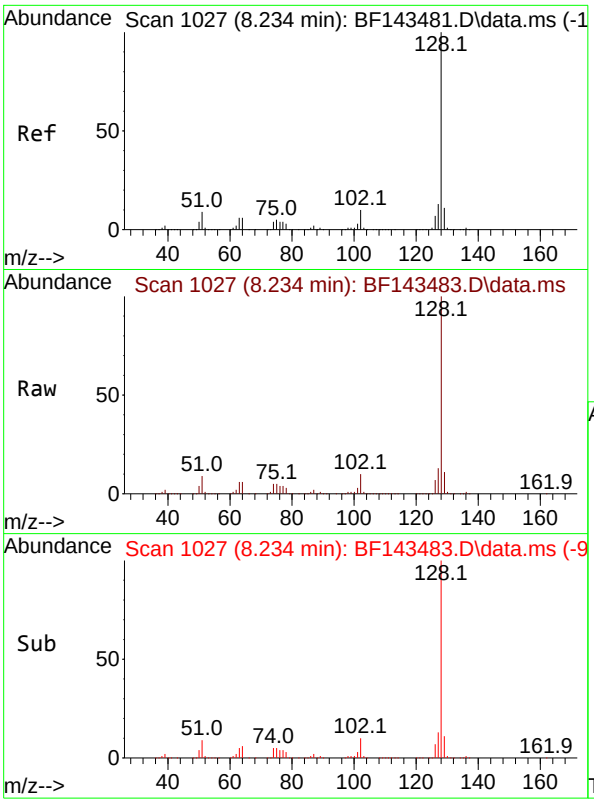


#30
1,2,4-Trichlorobenzene
Concen: 58.956 ng
RT: 8.151 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



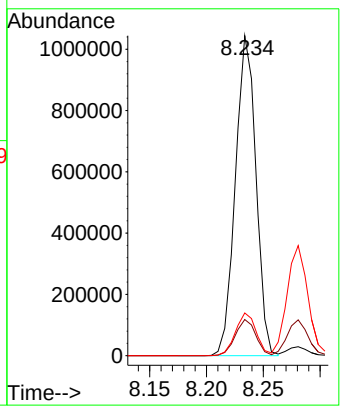


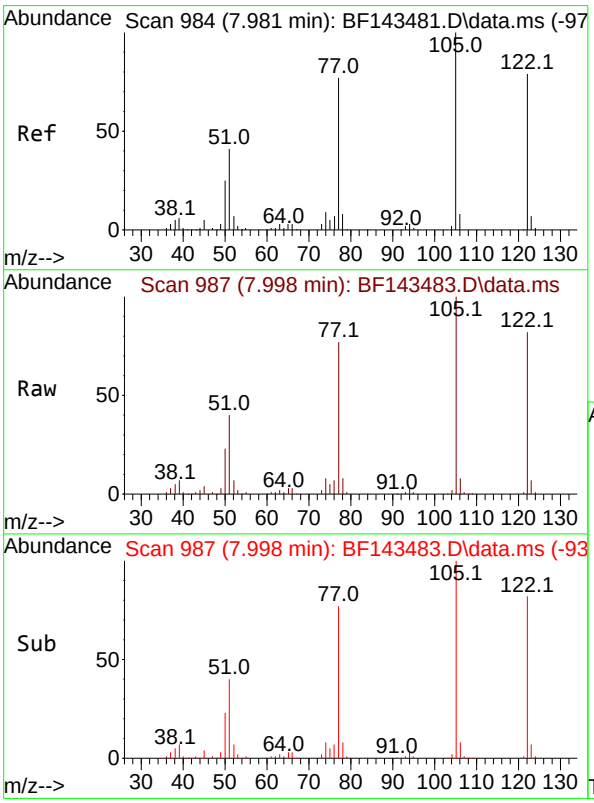
#31
Naphthalene
Concen: 57.551 ng
RT: 8.234 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

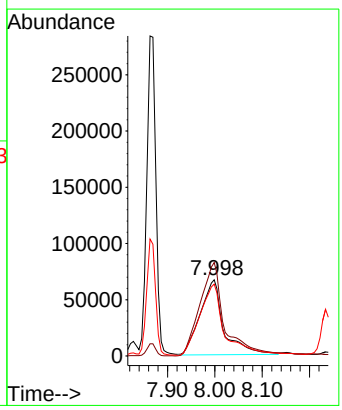


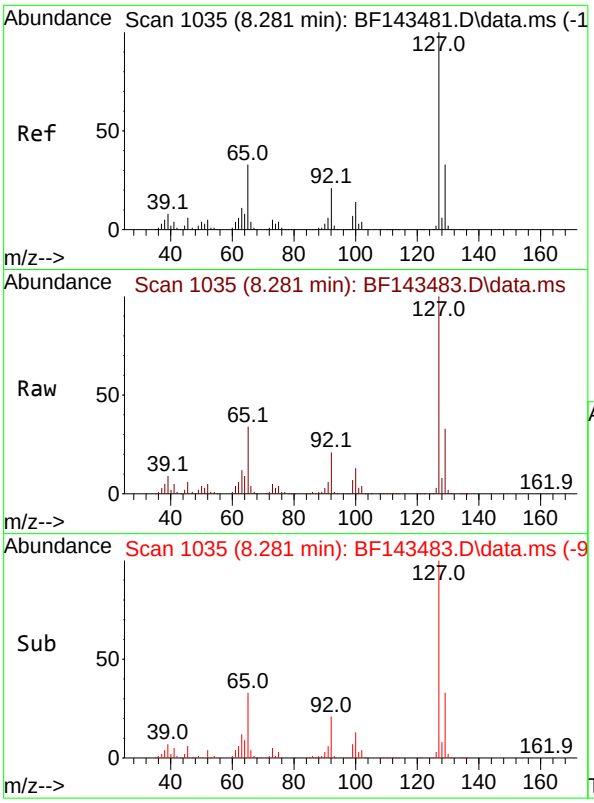


#32
Benzoic acid
Concen: 61.815 ng
RT: 7.998 min Scan# 987
Delta R.T. -0.012 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



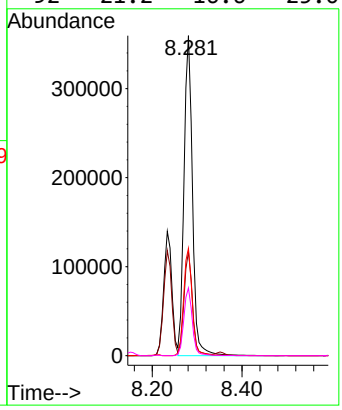


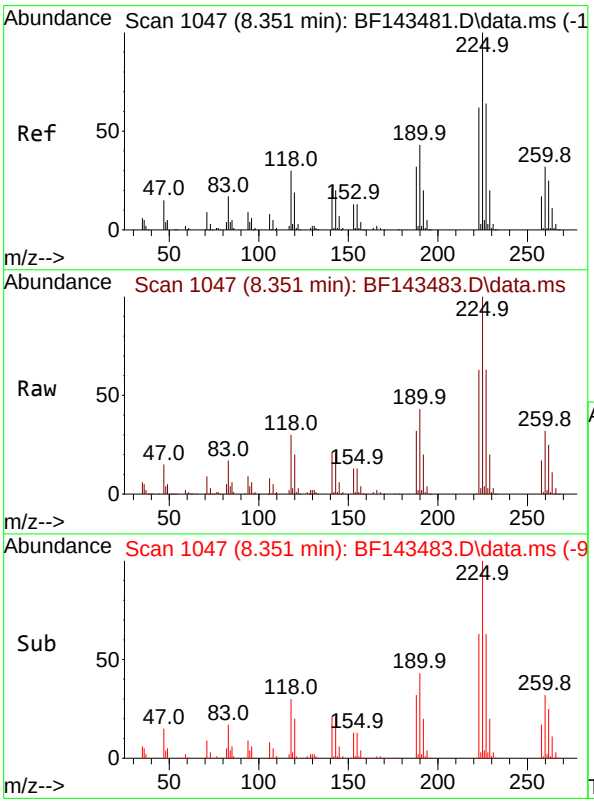
#33
4-Chloroaniline
Concen: 58.156 ng
RT: 8.281 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

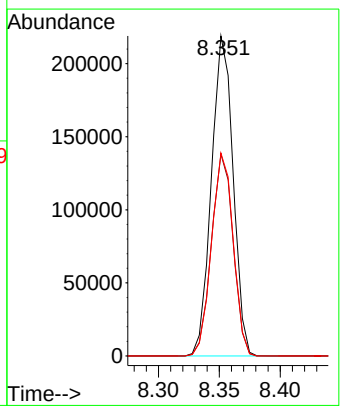


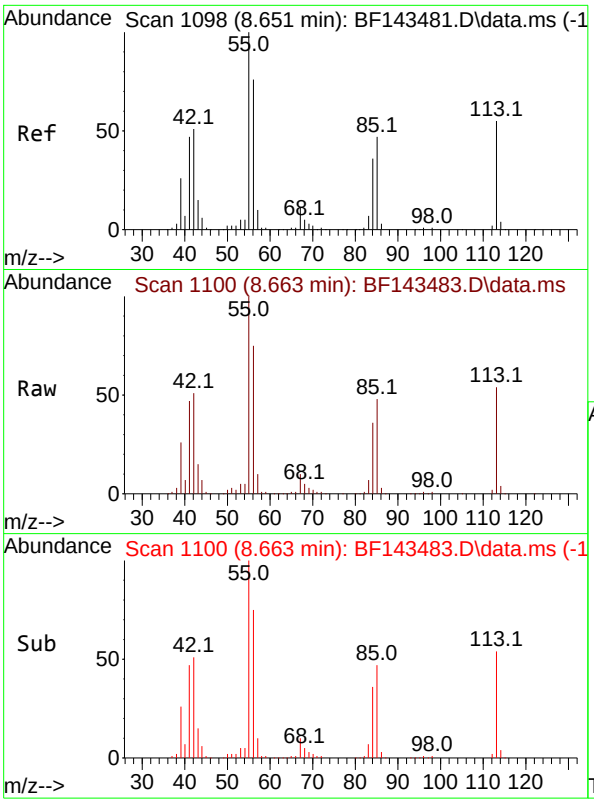


#34
Hexachlorobutadiene
Concen: 58.968 ng
RT: 8.351 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



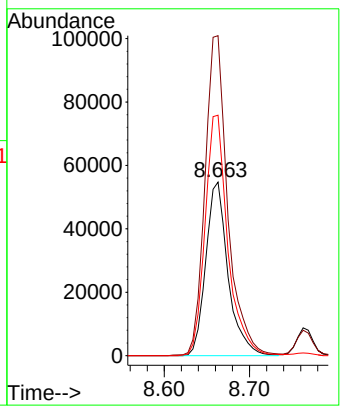


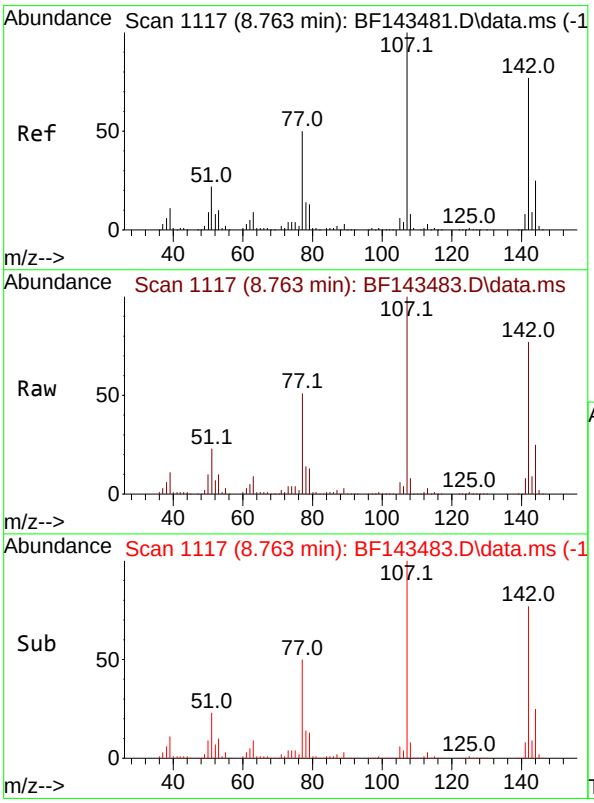
#35
Caprolactam
Concen: 60.607 ng
RT: 8.663 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

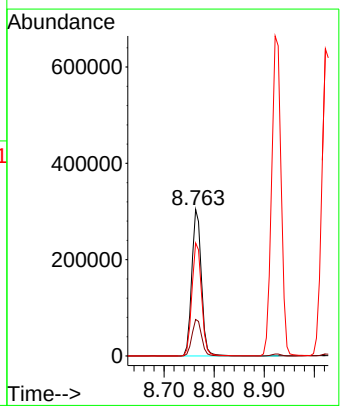


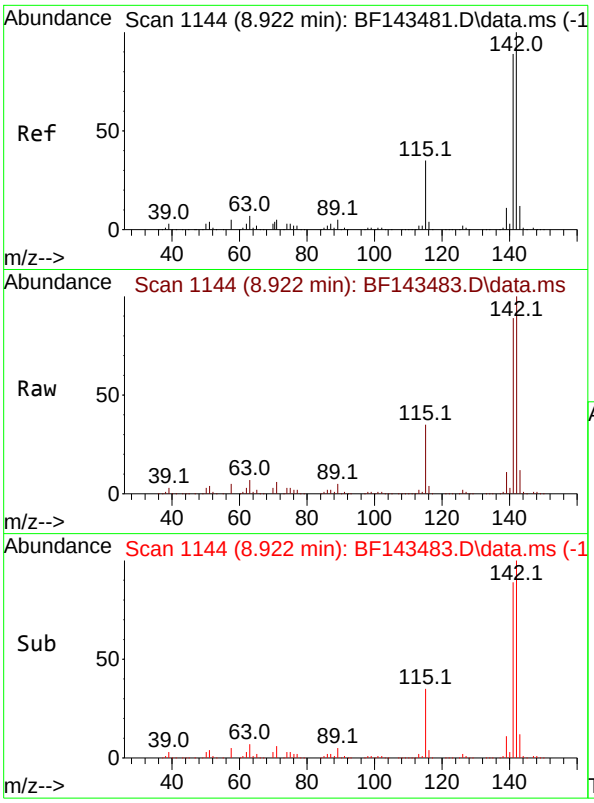


#36
4-Chloro-3-methylphenol
Concen: 59.020 ng
RT: 8.763 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



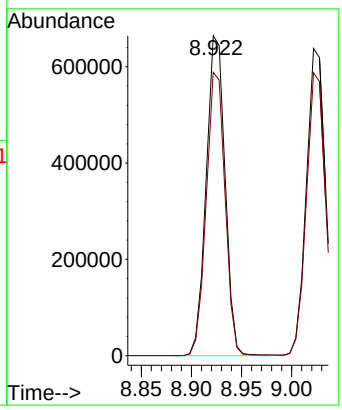


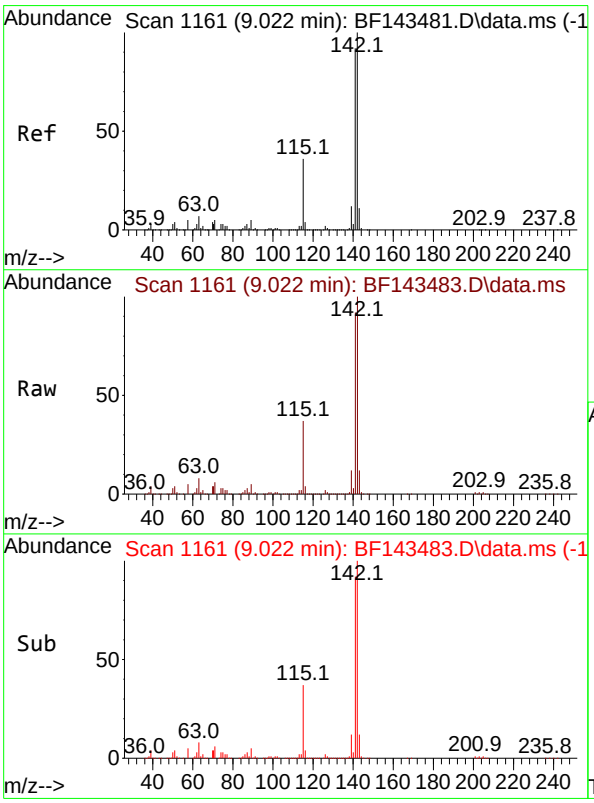
#37
2-Methylnaphthalene
Concen: 57.034 ng
RT: 8.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 869902

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.0	106.4

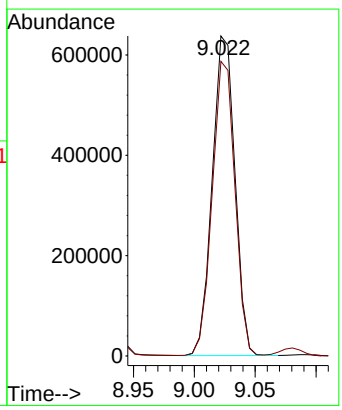


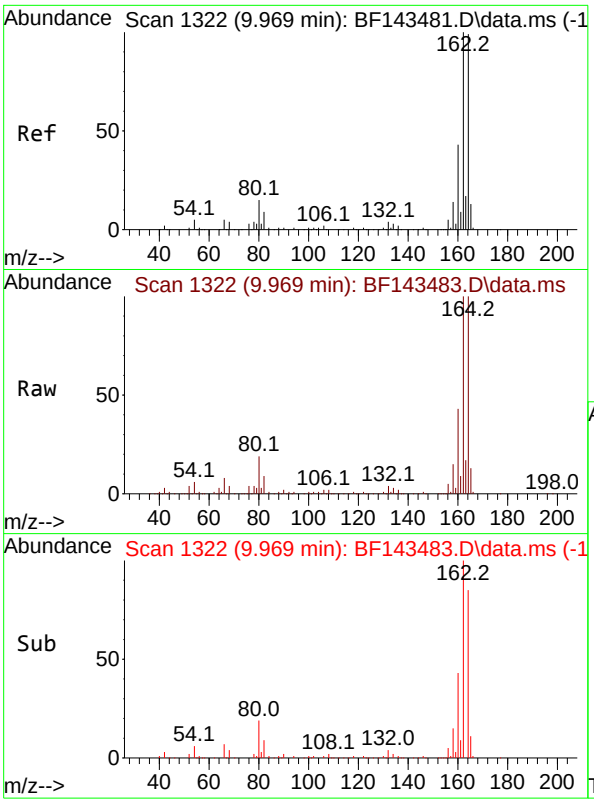


#38
1-Methylnaphthalene
Concen: 56.776 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

Tgt Ion:142 Resp: 828346

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.3	109.9



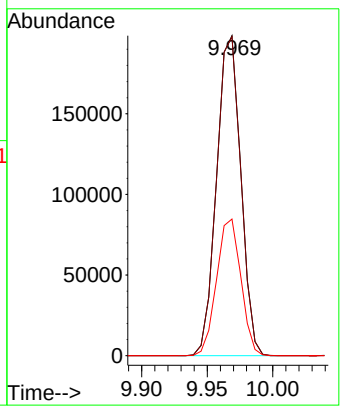


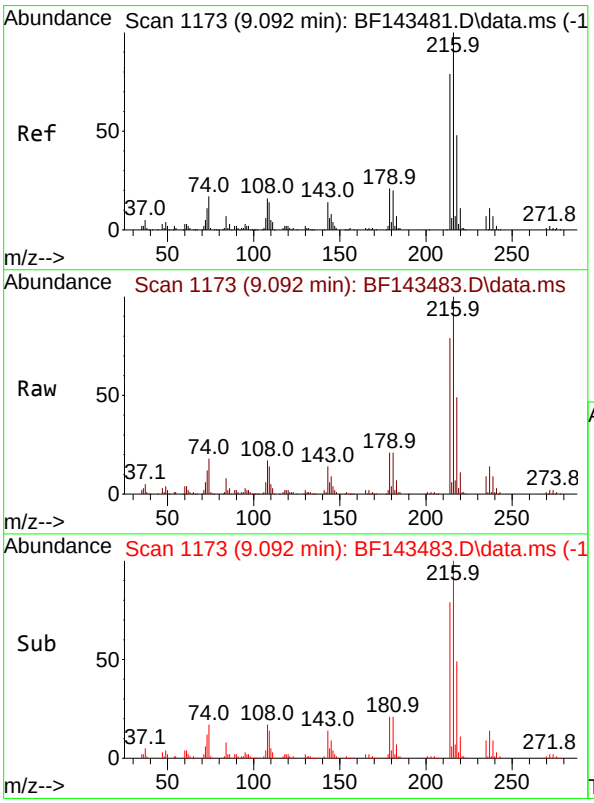
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

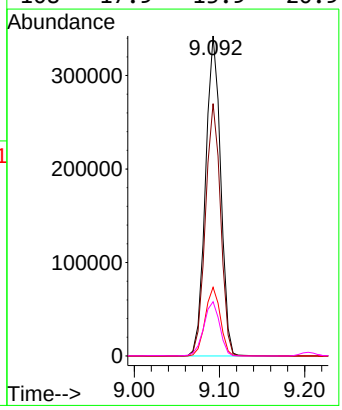


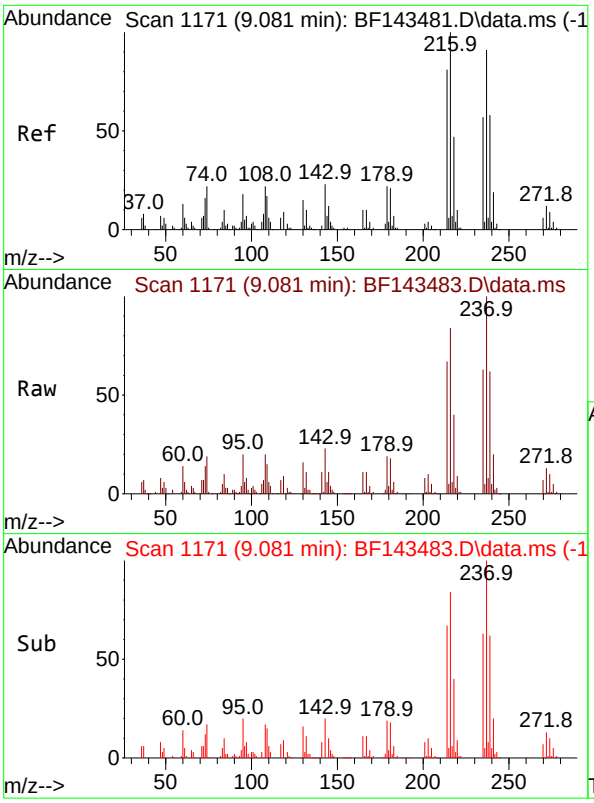


#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.894 ng
RT: 9.092 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



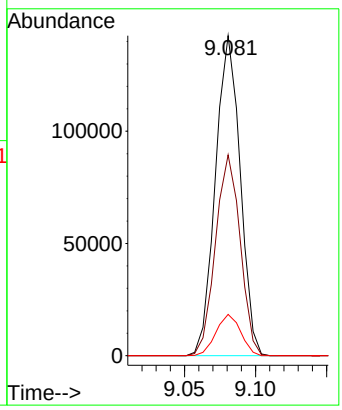


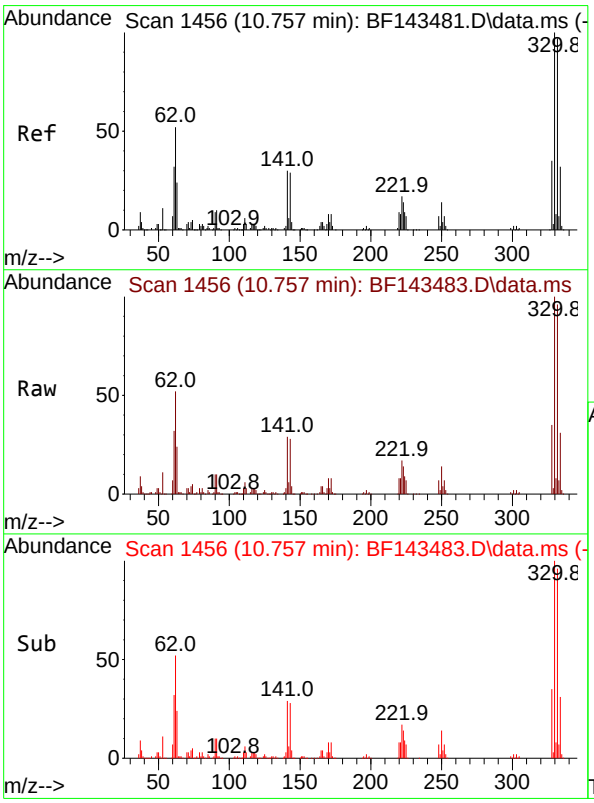
#41
Hexachlorocyclopentadiene
Concen: 62.497 ng
RT: 9.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

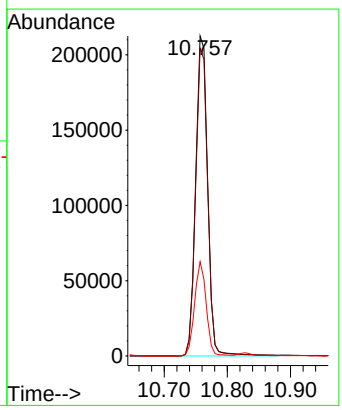


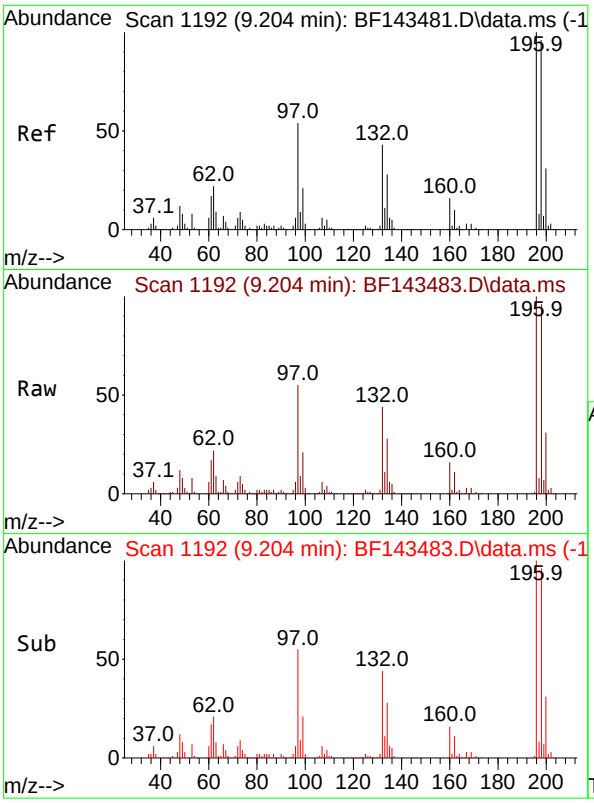


#42
2,4,6-Tribromophenol
Concen: 118.410 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



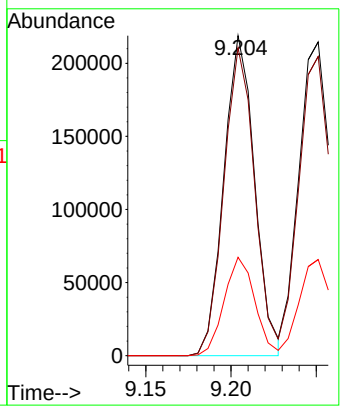


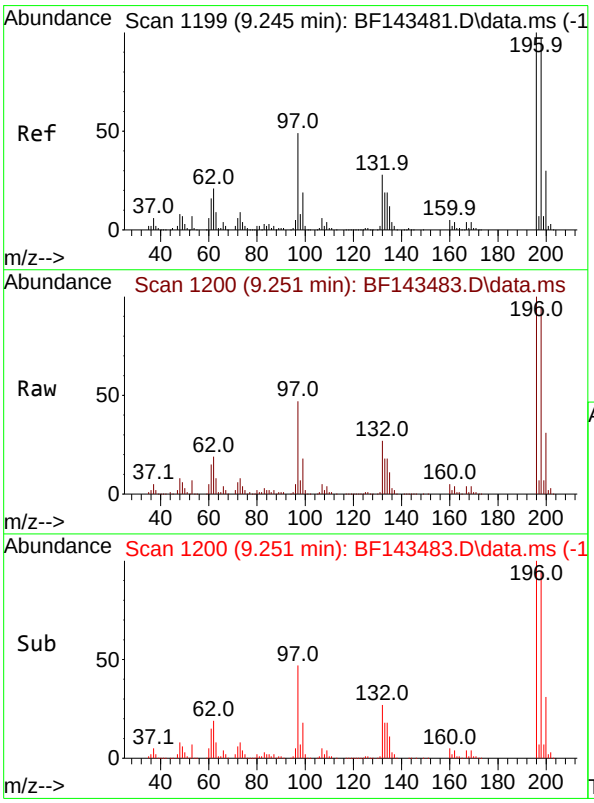
#43
2,4,6-Trichlorophenol
Concen: 61.437 ng
RT: 9.204 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

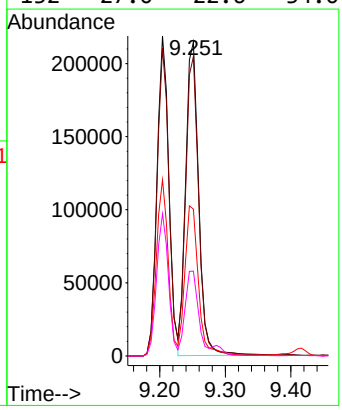


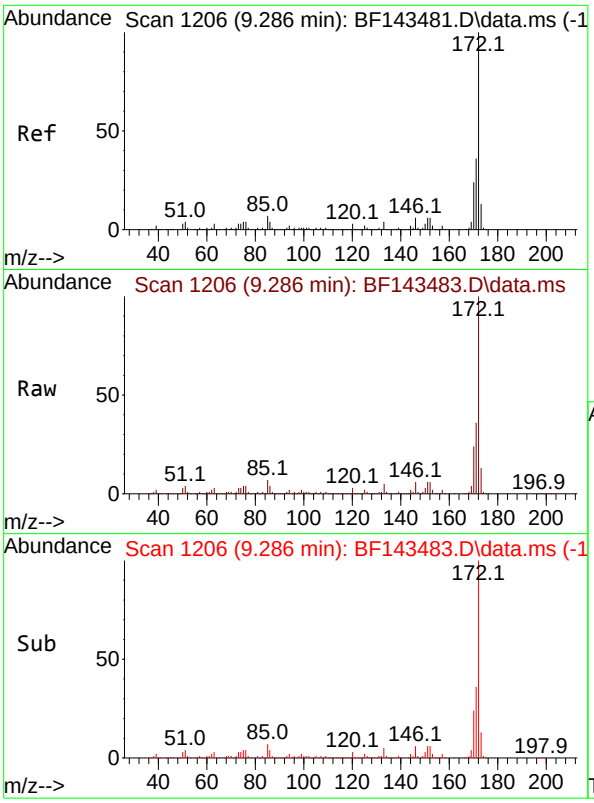


#44
2,4,5-Trichlorophenol
Concen: 60.345 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



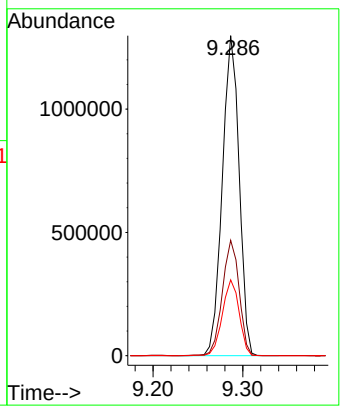


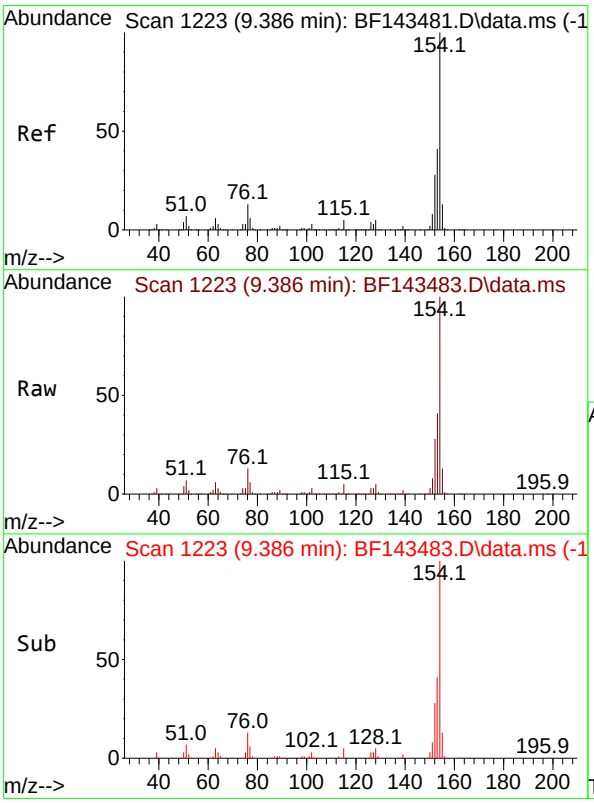
#45
2-Fluorobiphenyl
Concen: 109.642 ng
RT: 9.286 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

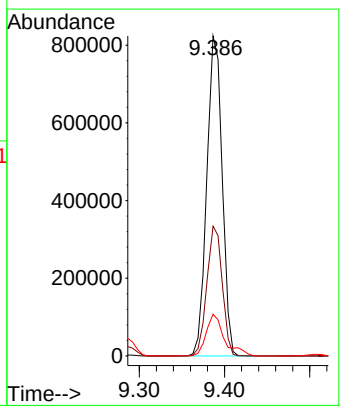


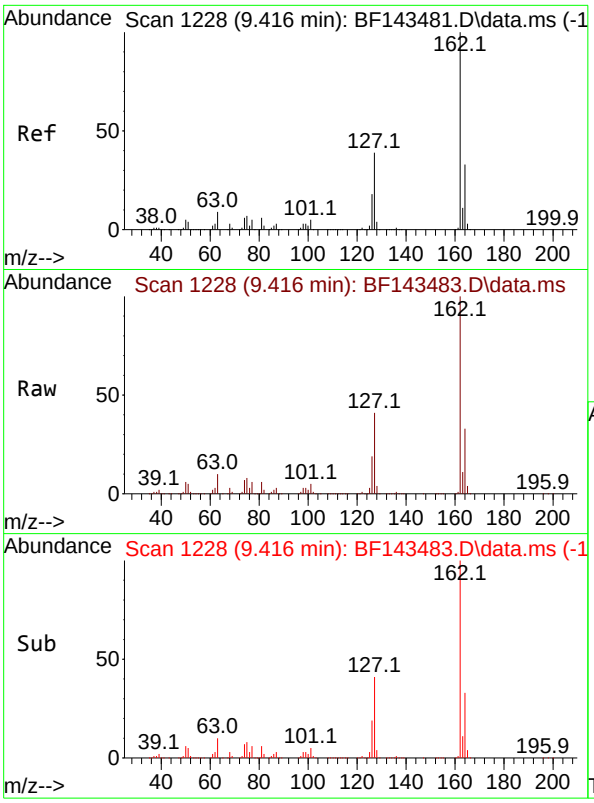


#46
1,1'-Biphenyl
Concen: 57.031 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



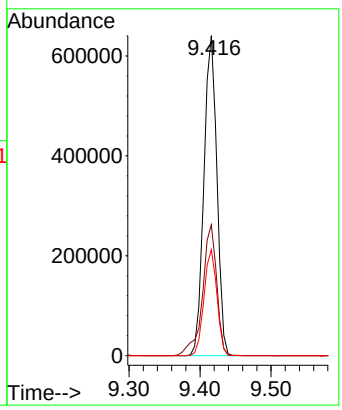


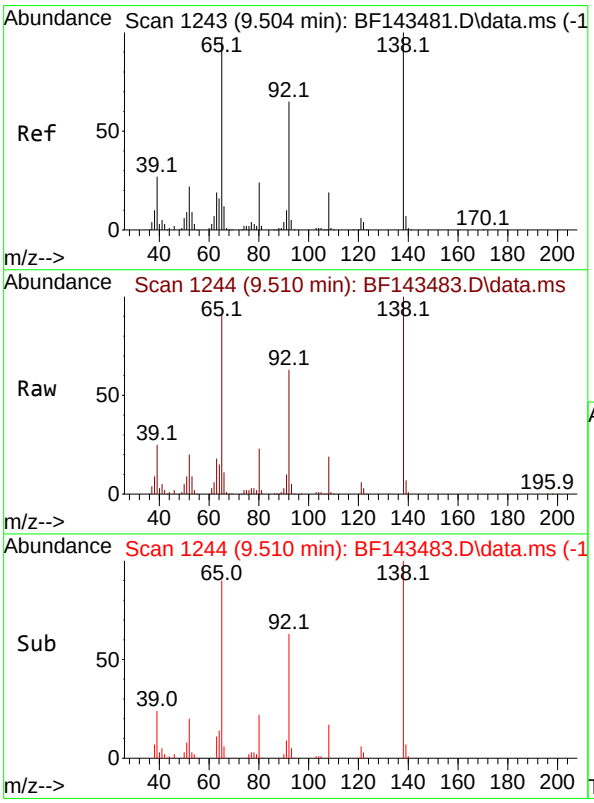
#47
2-Chloronaphthalene
Concen: 57.544 ng
RT: 9.416 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

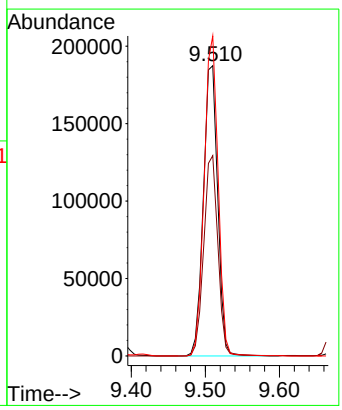


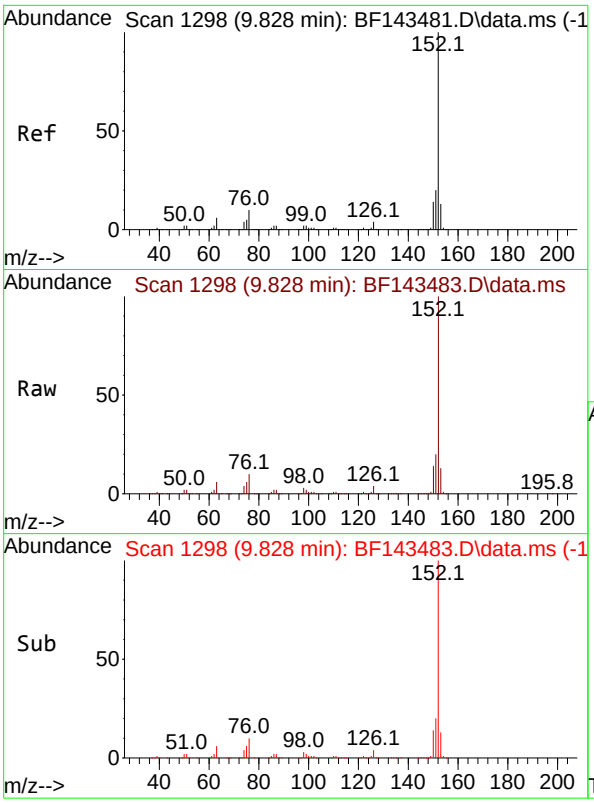


#48
2-Nitroaniline
Concen: 60.835 ng
RT: 9.510 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



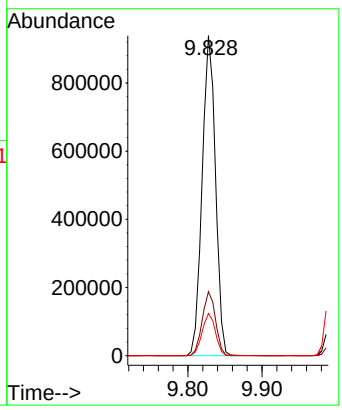


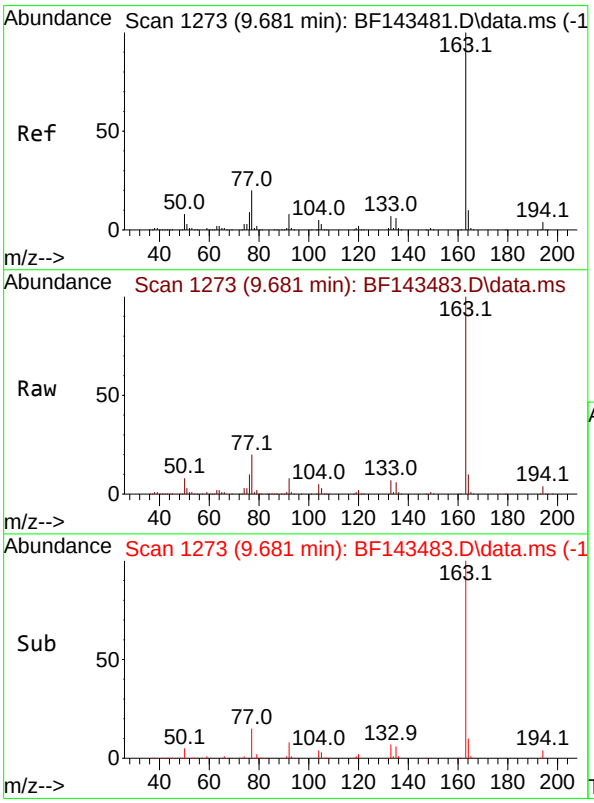
#49
Acenaphthylene
Concen: 57.687 ng
RT: 9.828 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

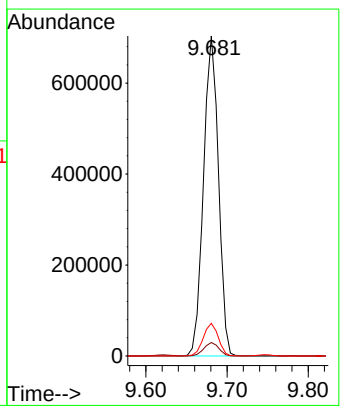


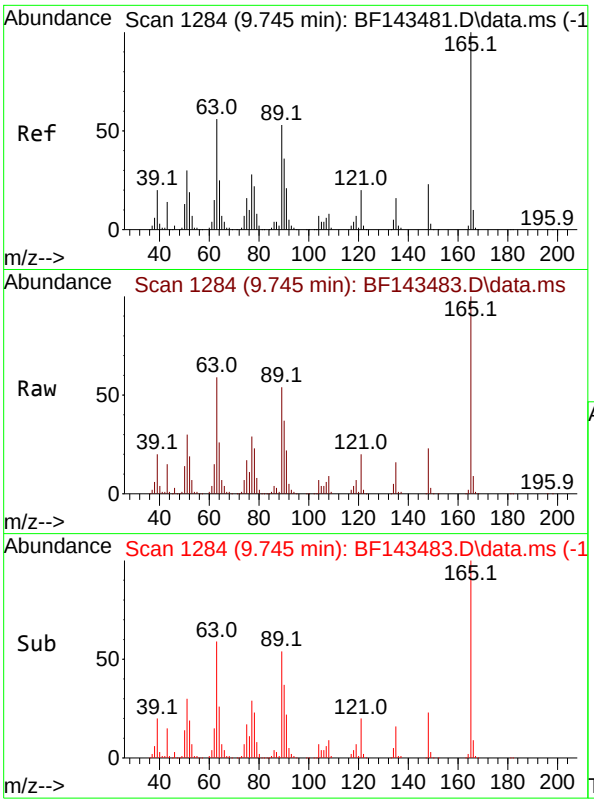


#50
Dimethylphthalate
Concen: 58.546 ng
RT: 9.681 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



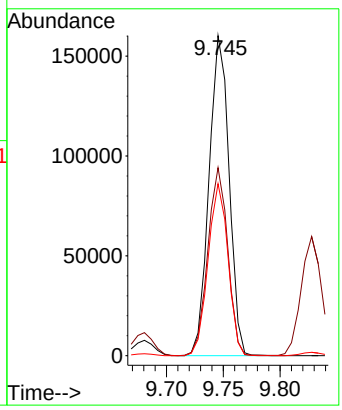


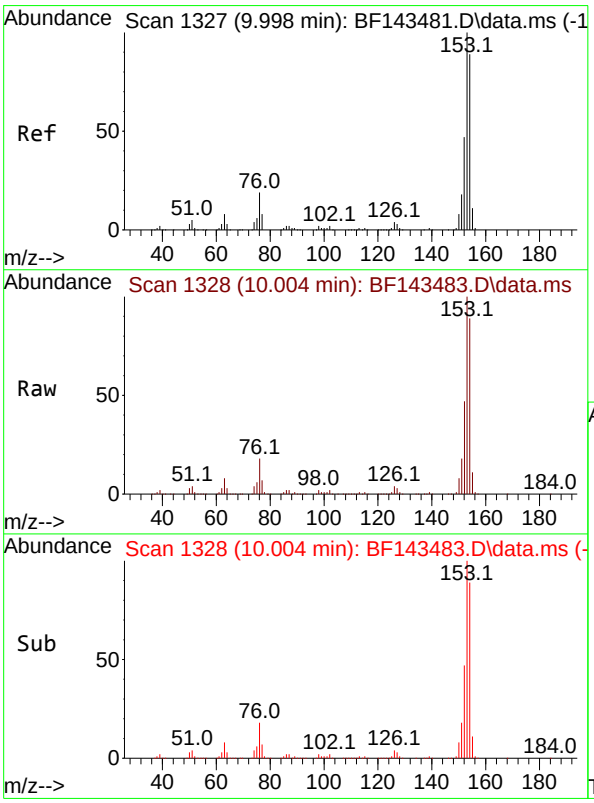
#51
2,6-Dinitrotoluene
Concen: 61.849 ng
RT: 9.745 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

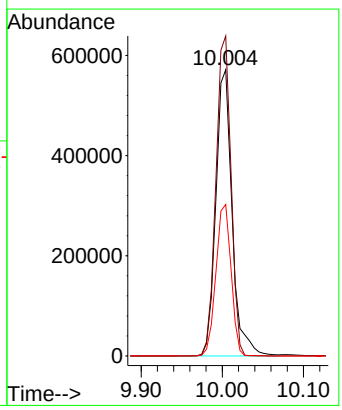


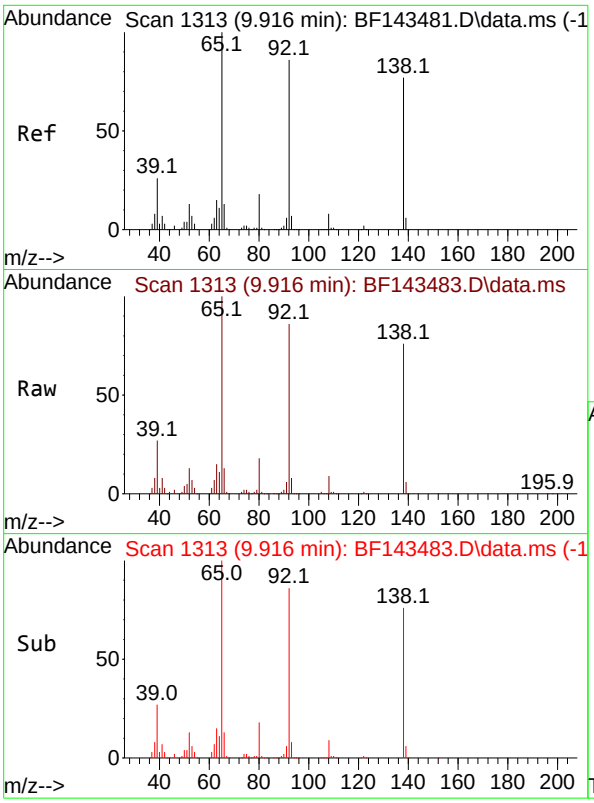


#52
Acenaphthene
Concen: 57.868 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



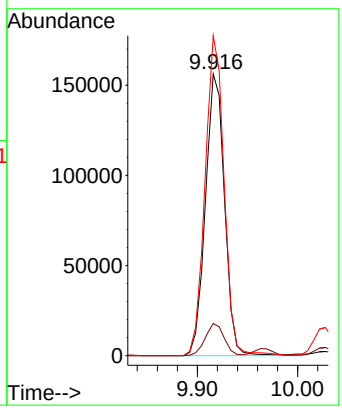


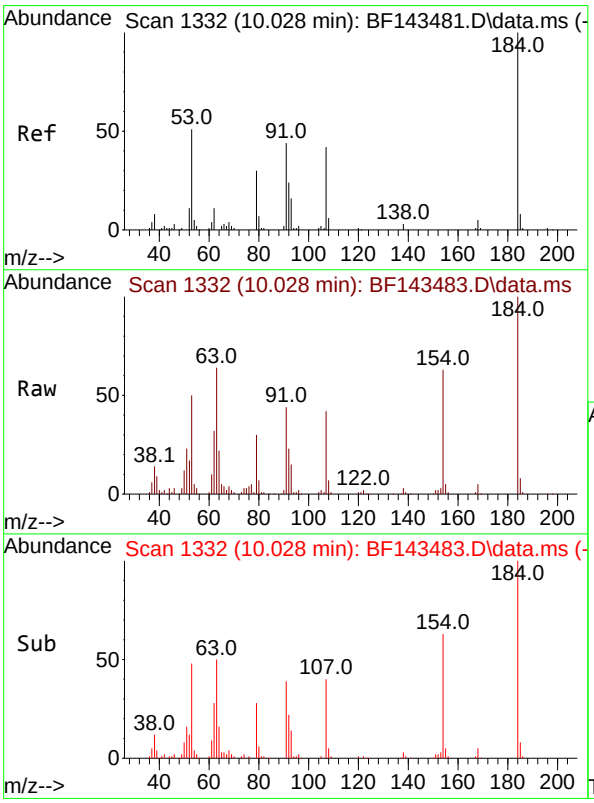
#53
3-Nitroaniline
Concen: 60.257 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

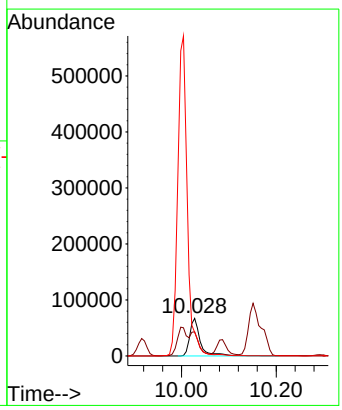


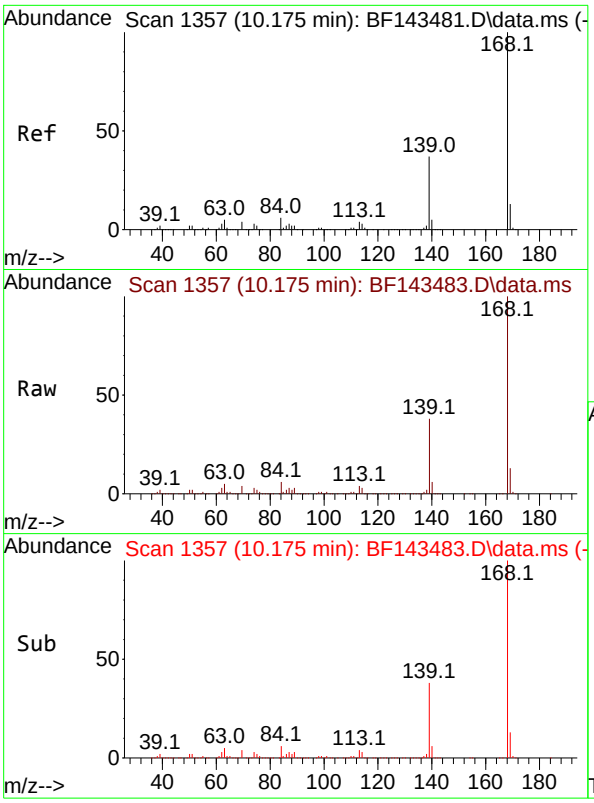


#54
2,4-Dinitrophenol
Concen: 62.986 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



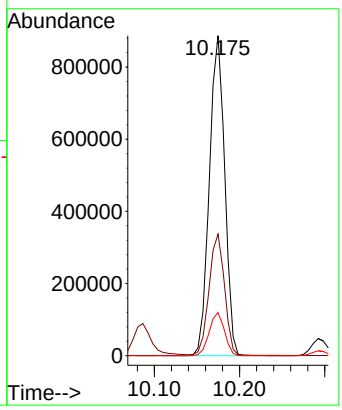


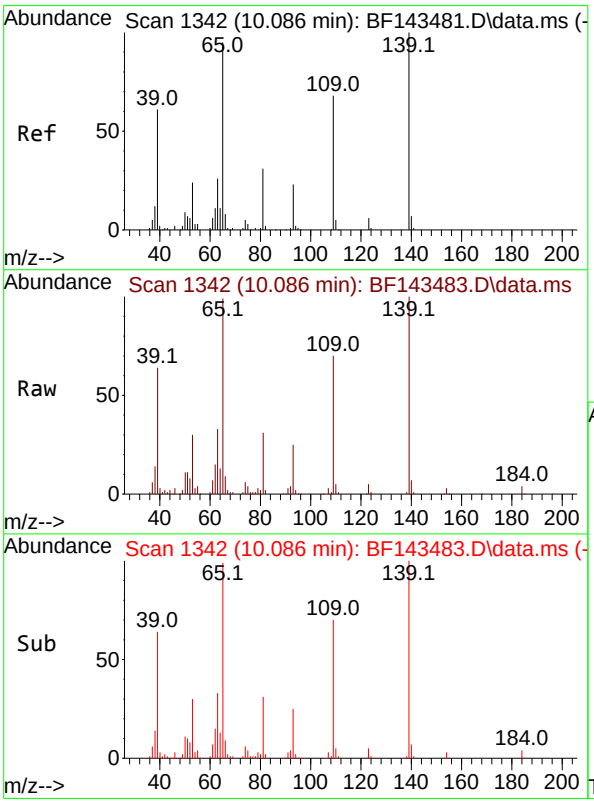
#55
Dibenzofuran
Concen: 56.463 ng
RT: 10.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

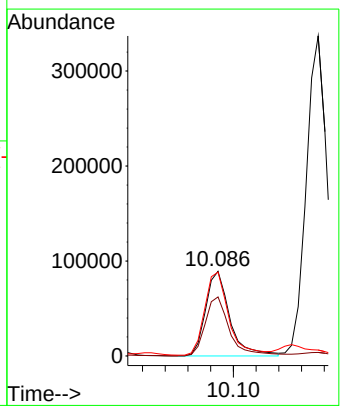


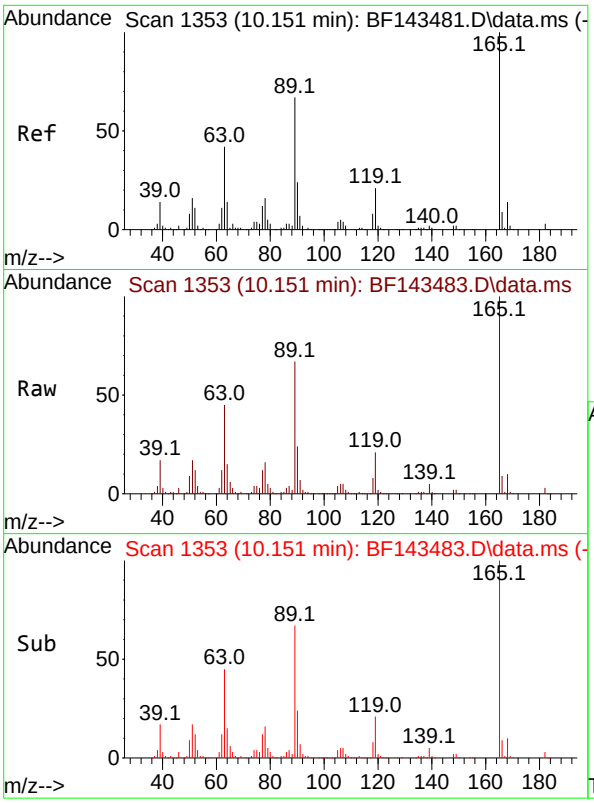


#56
4-Nitrophenol
Concen: 64.242 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



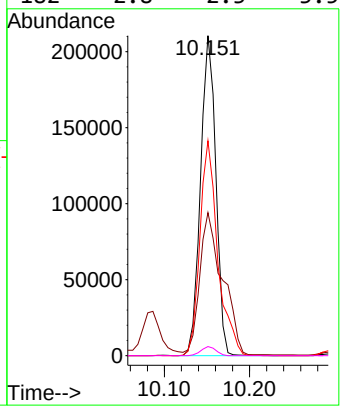


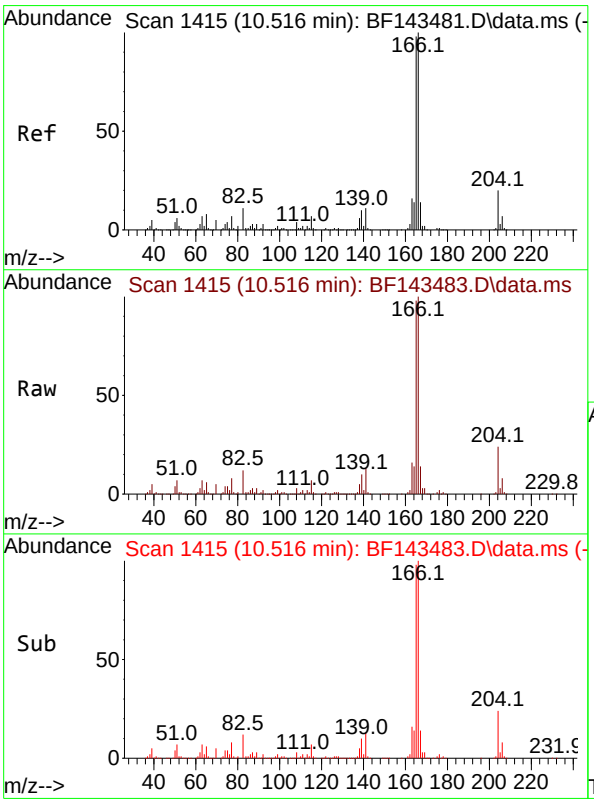
#57
2,4-Dinitrotoluene
Concen: 61.935 ng
RT: 10.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

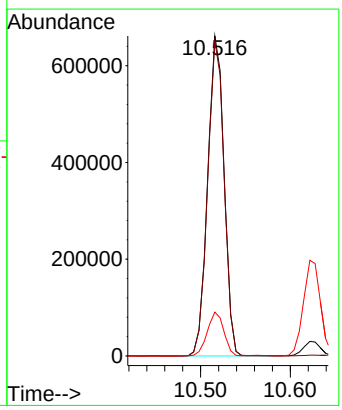


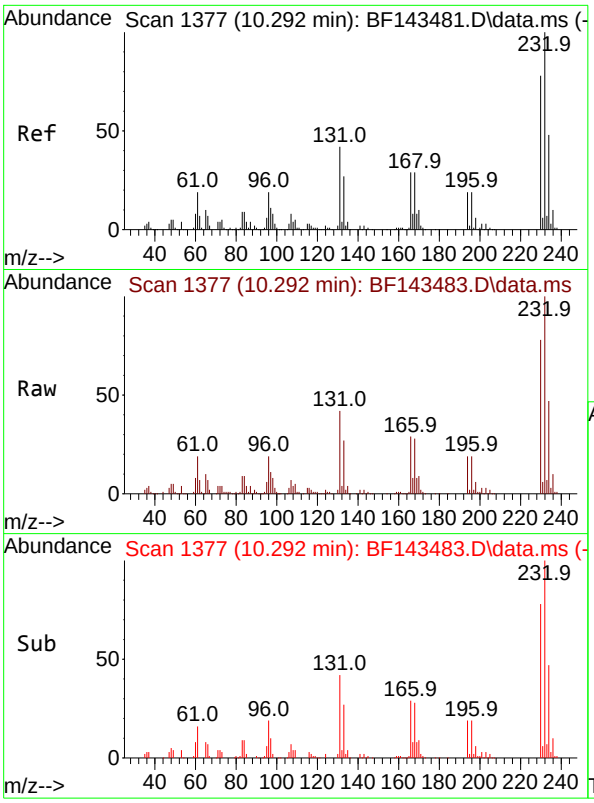


#58
Fluorene
Concen: 55.641 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



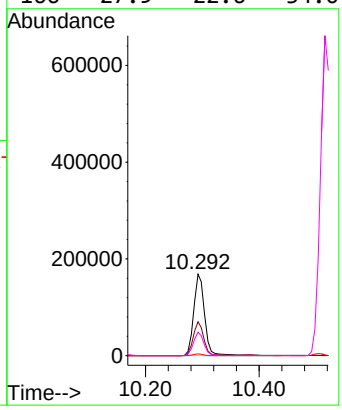


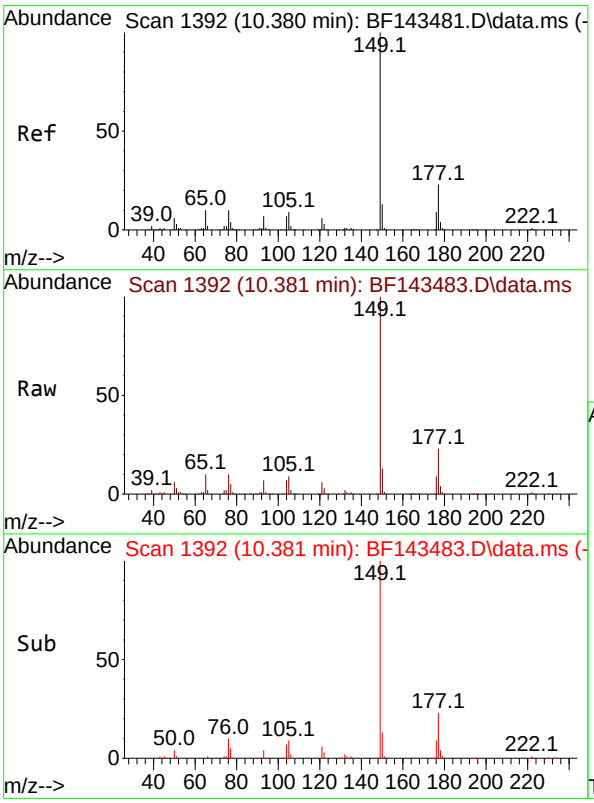
#59
2,3,4,6-Tetrachlorophenol
Concen: 62.306 ng
RT: 10.292 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

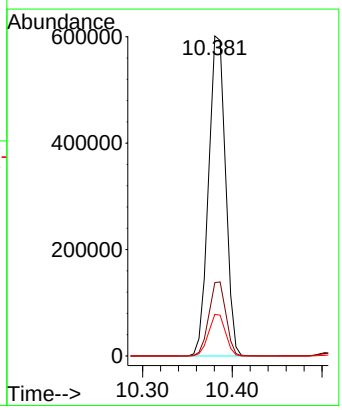


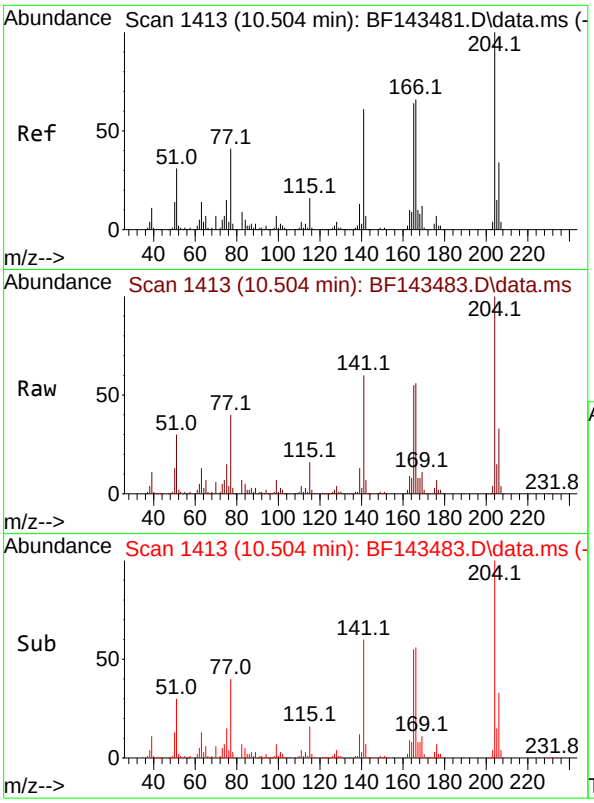


#60
Diethylphthalate
Concen: 57.538 ng
RT: 10.381 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



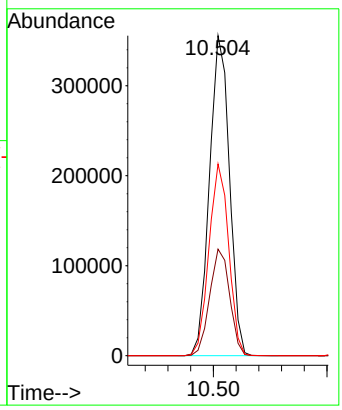


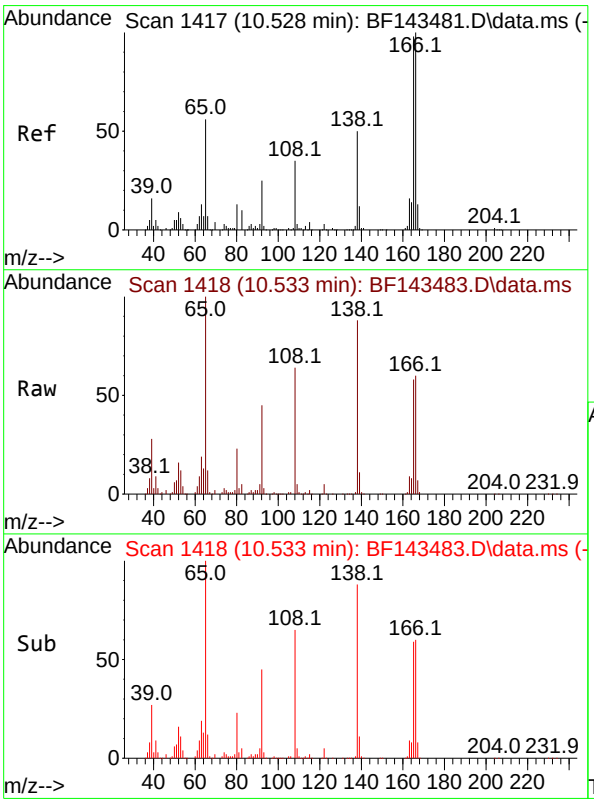
#61
4-Chlorophenyl-phenylether
Concen: 57.247 ng
RT: 10.504 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

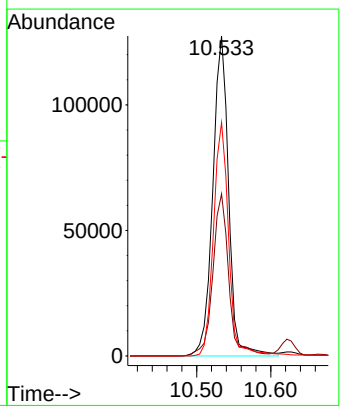


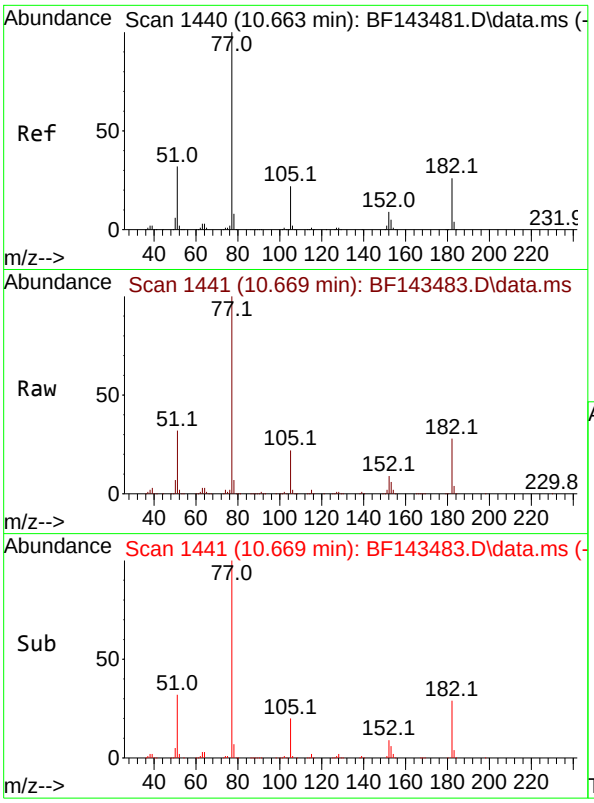


#62
4-Nitroaniline
Concen: 60.015 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



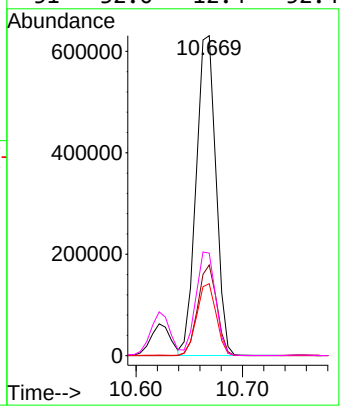


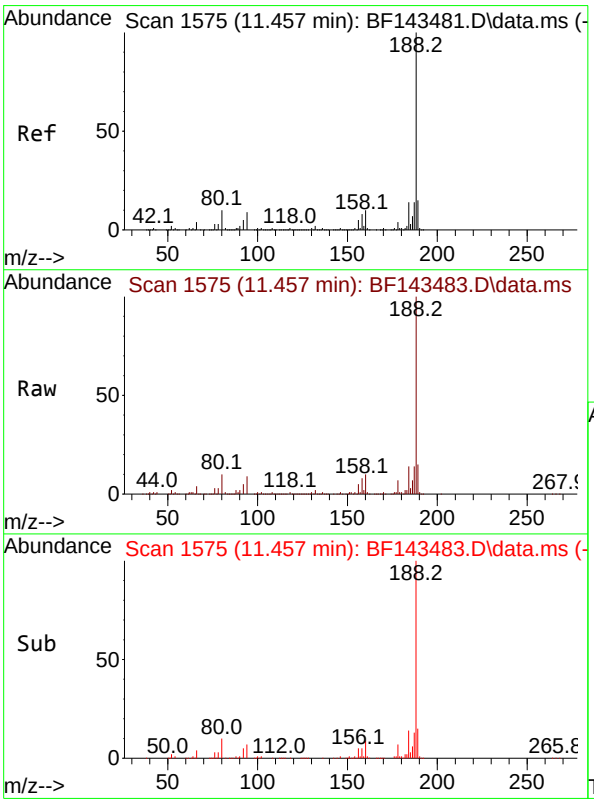
#63
Azobenzene
Concen: 57.158 ng
RT: 10.669 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

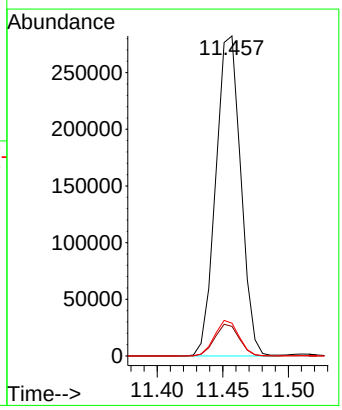


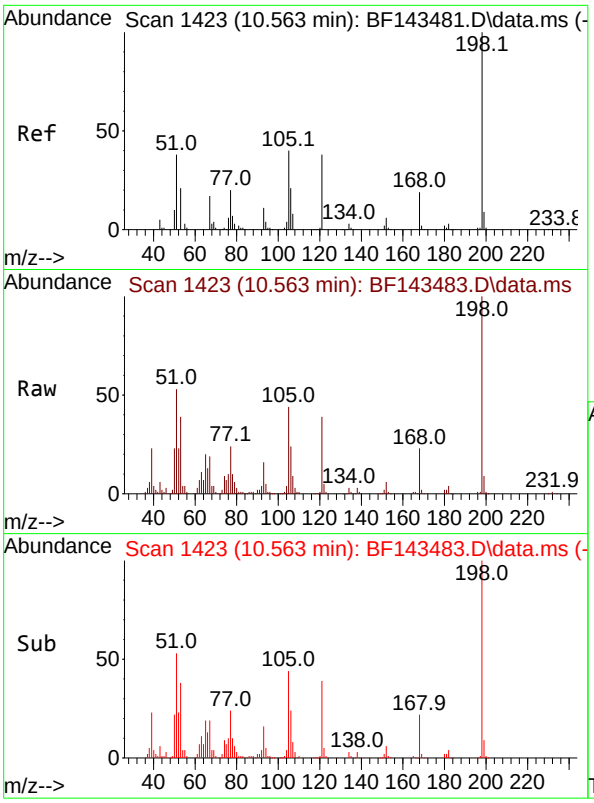


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



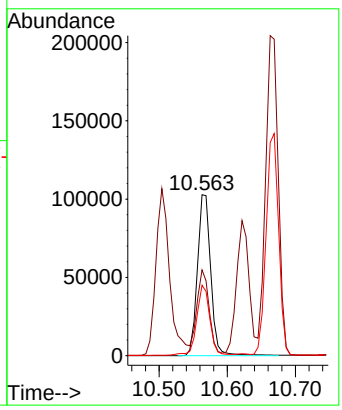


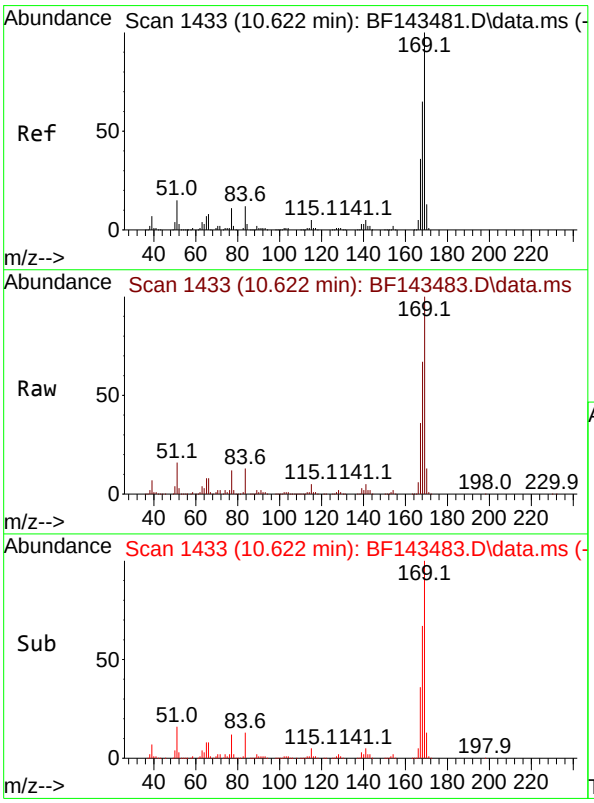
#65
4,6-Dinitro-2-methylphenol
Concen: 66.197 ng
RT: 10.563 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

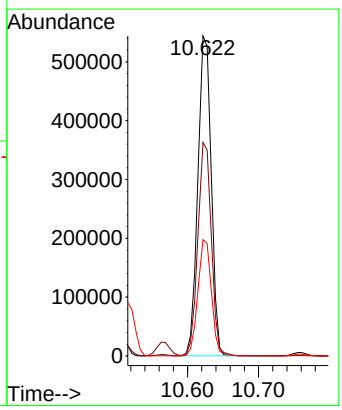


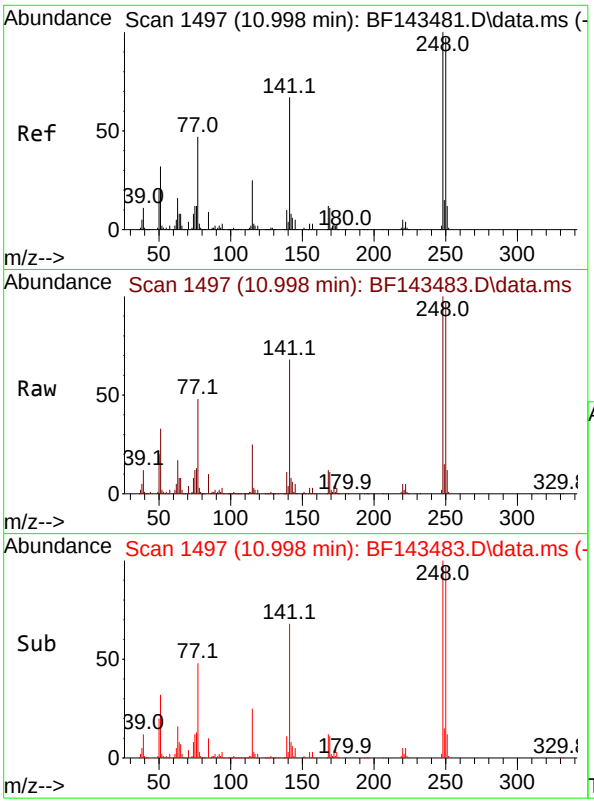


#66
n-Nitrosodiphenylamine
Concen: 59.270 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



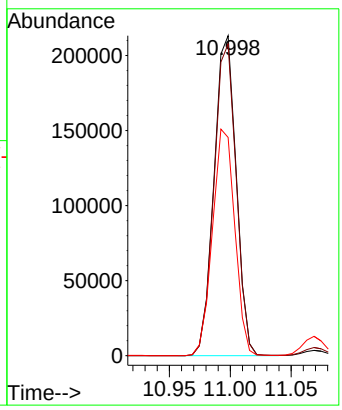


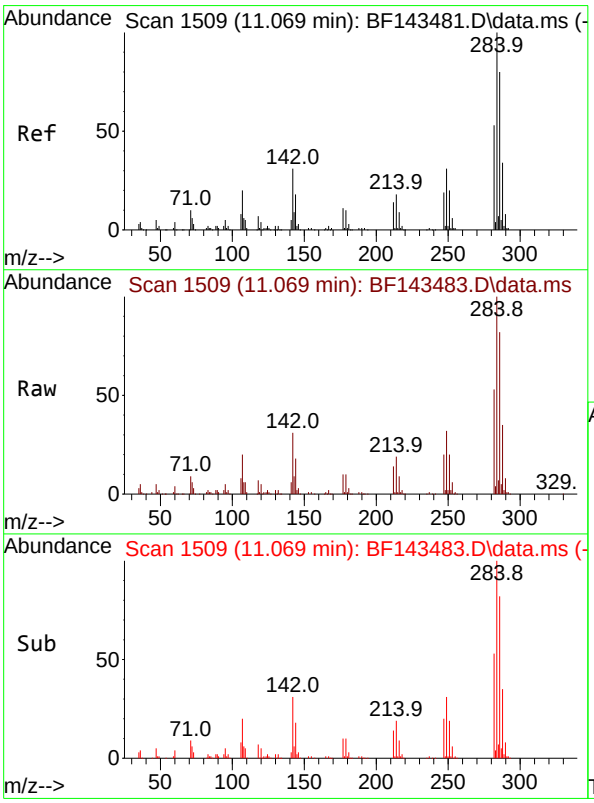
#67
4-Bromophenyl-phenylether
Concen: 60.454 ng
RT: 10.998 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

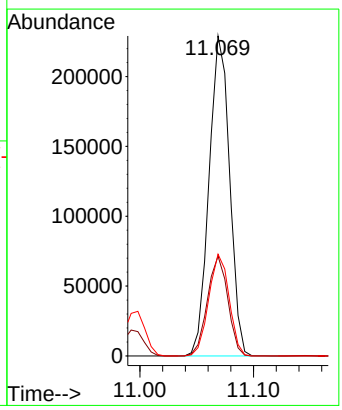


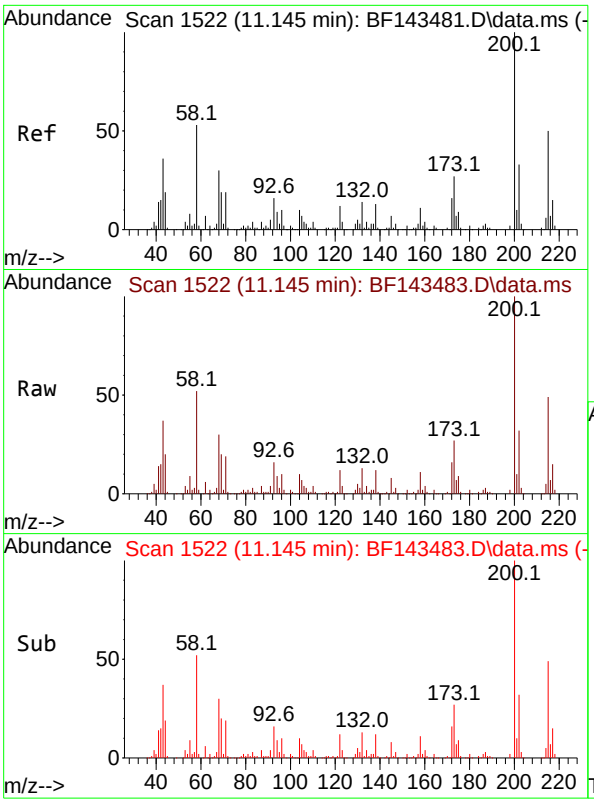


#68
Hexachlorobenzene
Concen: 59.797 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



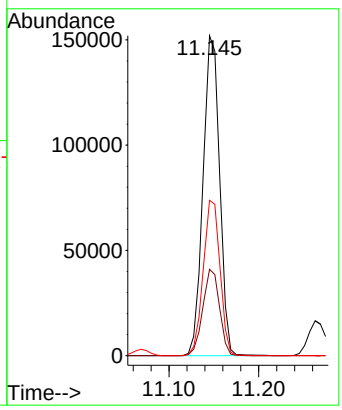


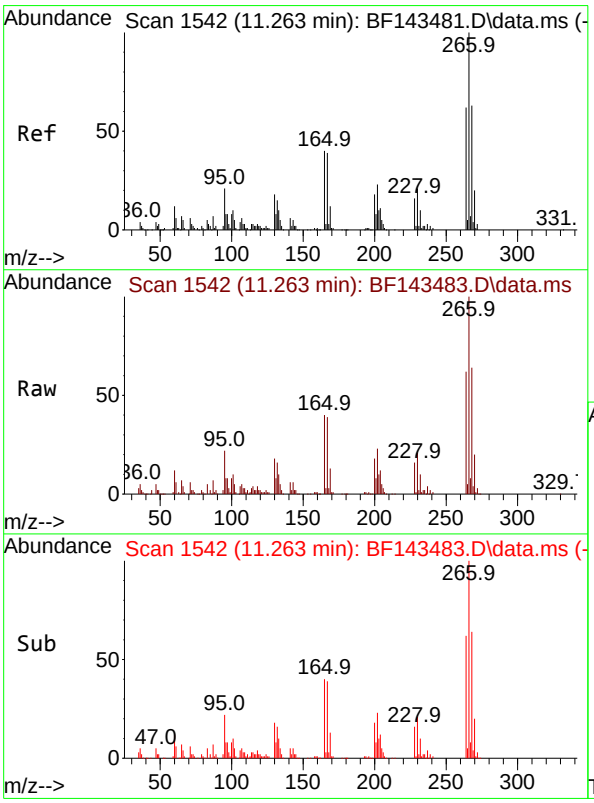
#69
Atrazine
Concen: 62.765 ng
RT: 11.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

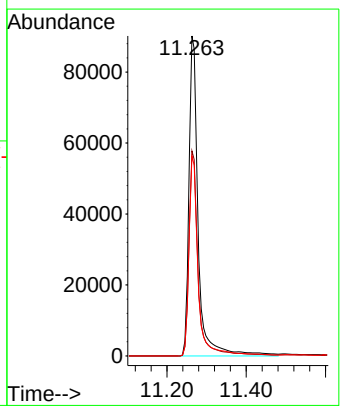


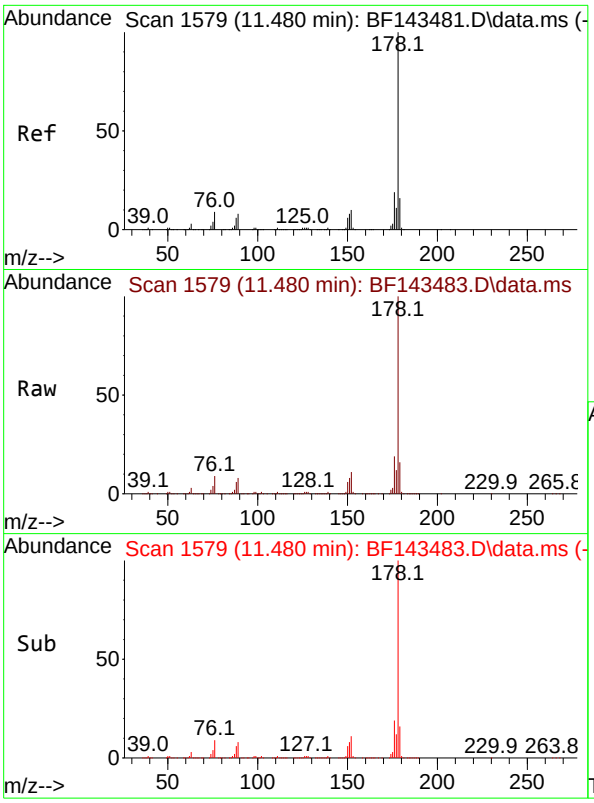


#70
Pentachlorophenol
Concen: 66.597 ng
RT: 11.263 min Scan# 1542
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



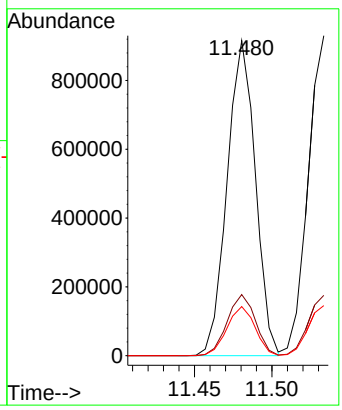


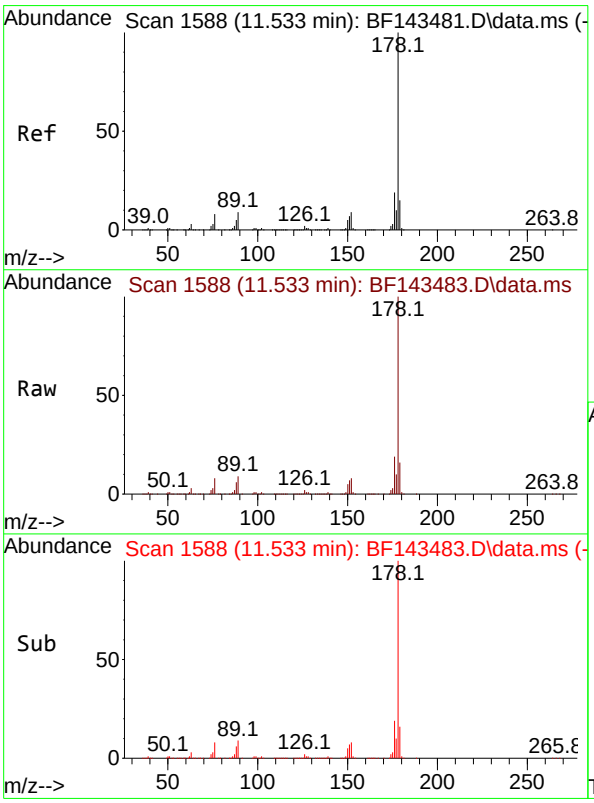
#71
Phenanthrene
Concen: 57.863 ng
RT: 11.480 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

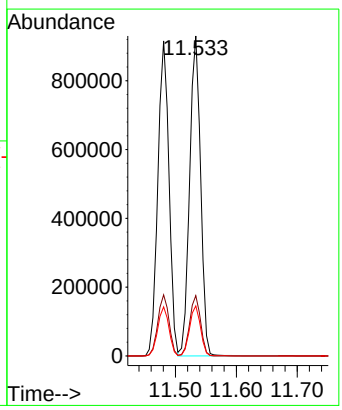


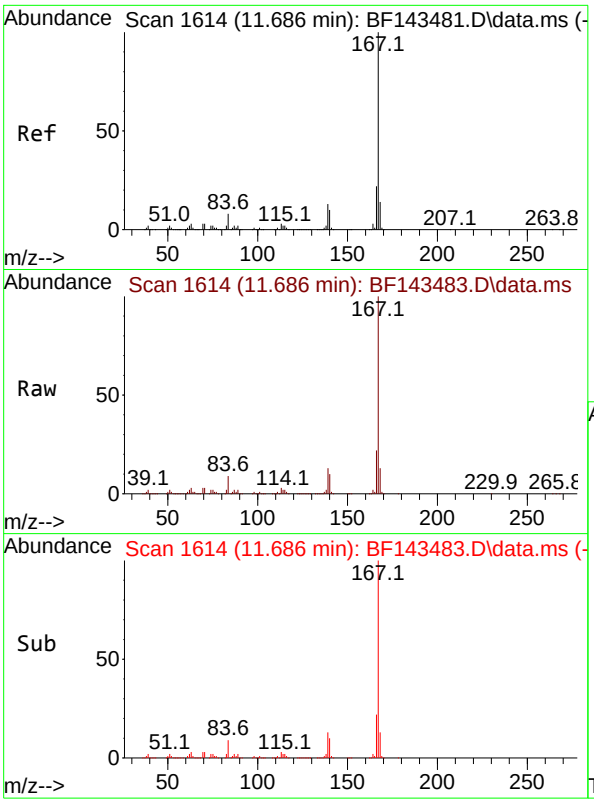


#72
Anthracene
Concen: 57.295 ng
RT: 11.533 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



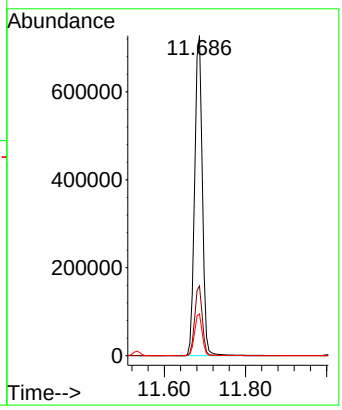


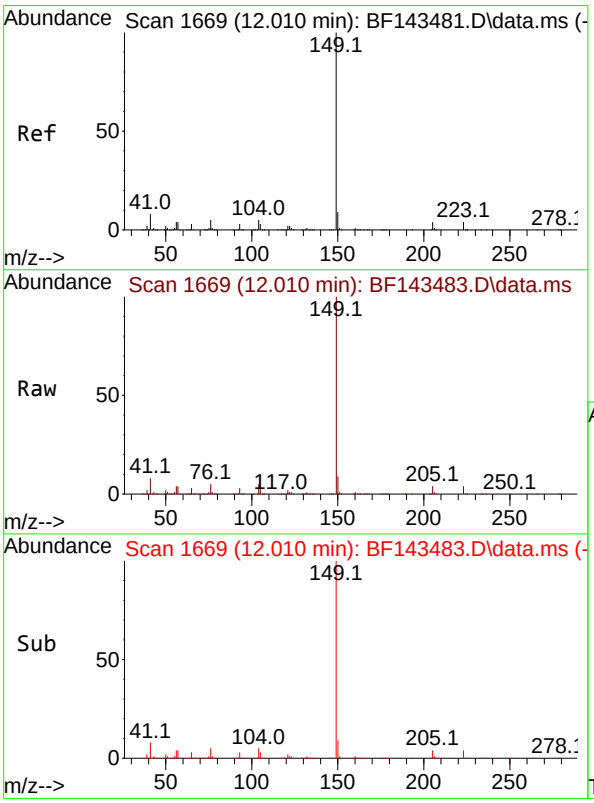
#73
Carbazole
Concen: 58.105 ng
RT: 11.686 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

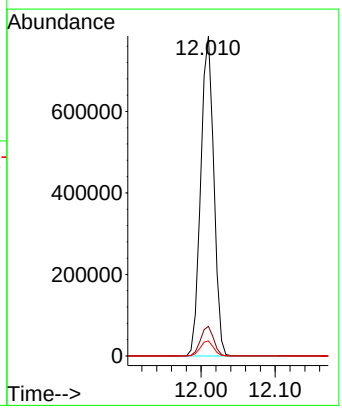


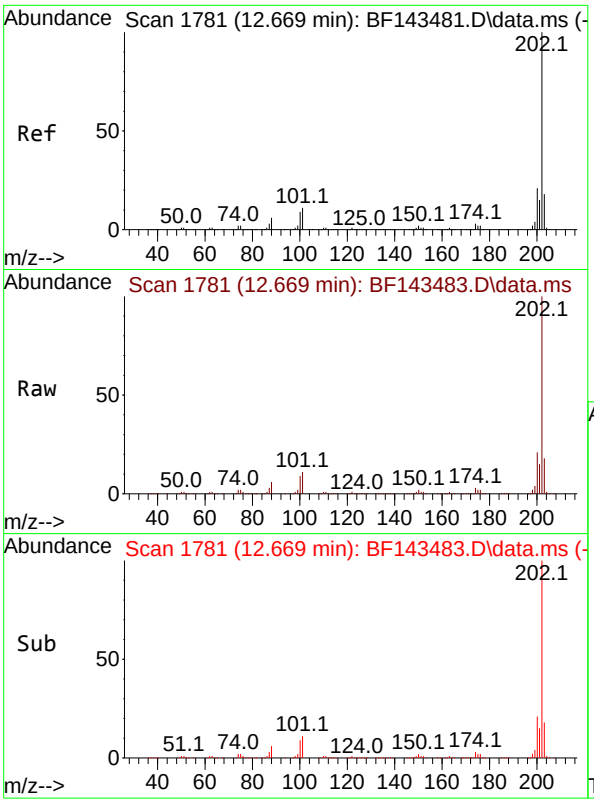


#74
Di-n-butylphthalate
Concen: 62.003 ng
RT: 12.010 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



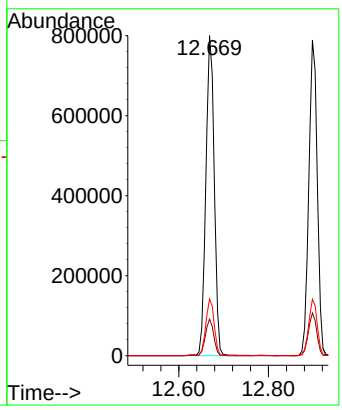


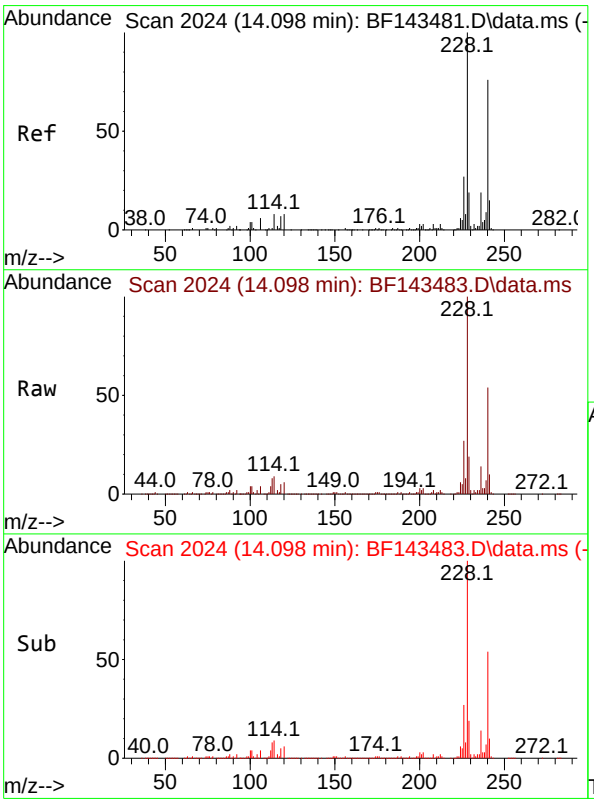
#75
Fluoranthene
Concen: 57.619 ng
RT: 12.669 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

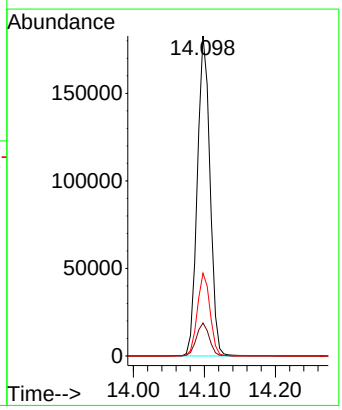


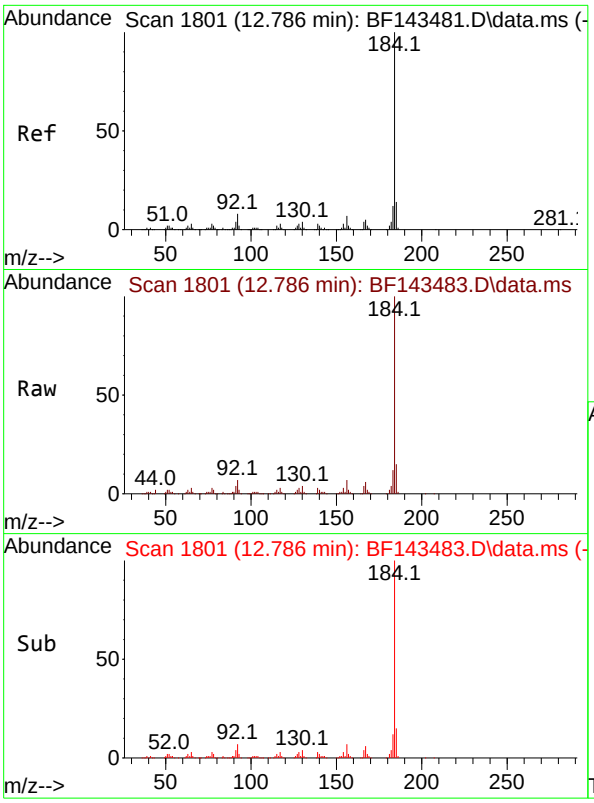


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



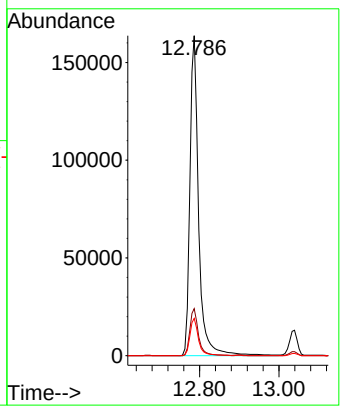


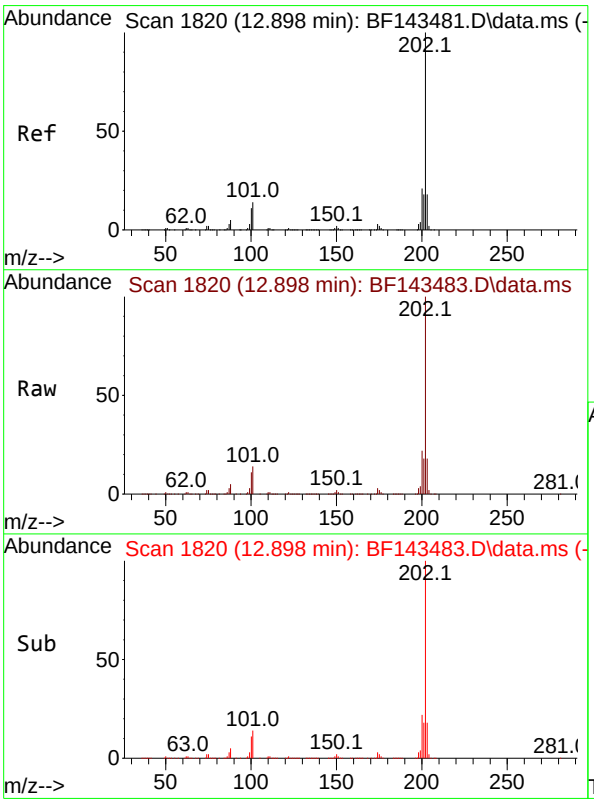
#77
Benzidine
Concen: 45.316 ng
RT: 12.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

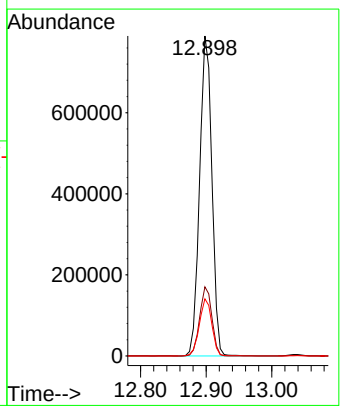


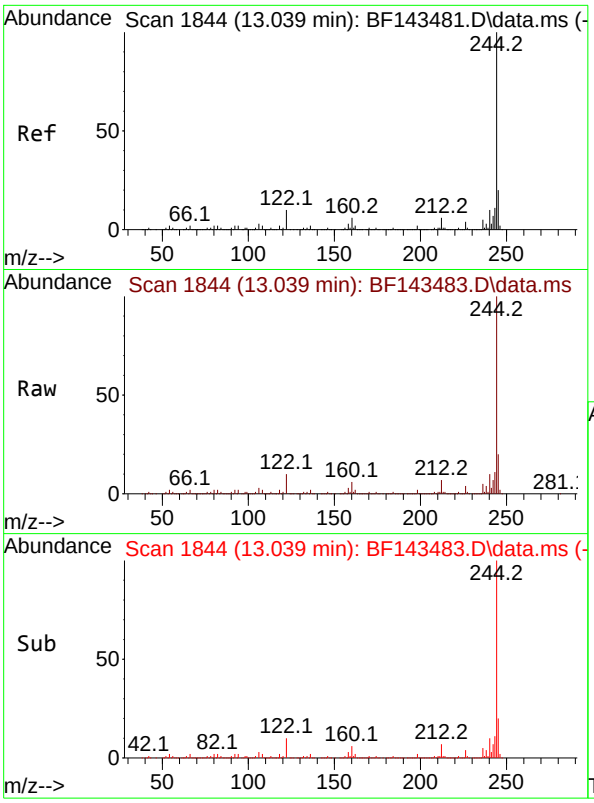


#78
Pyrene
Concen: 55.127 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



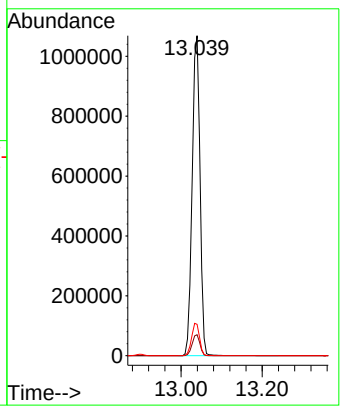


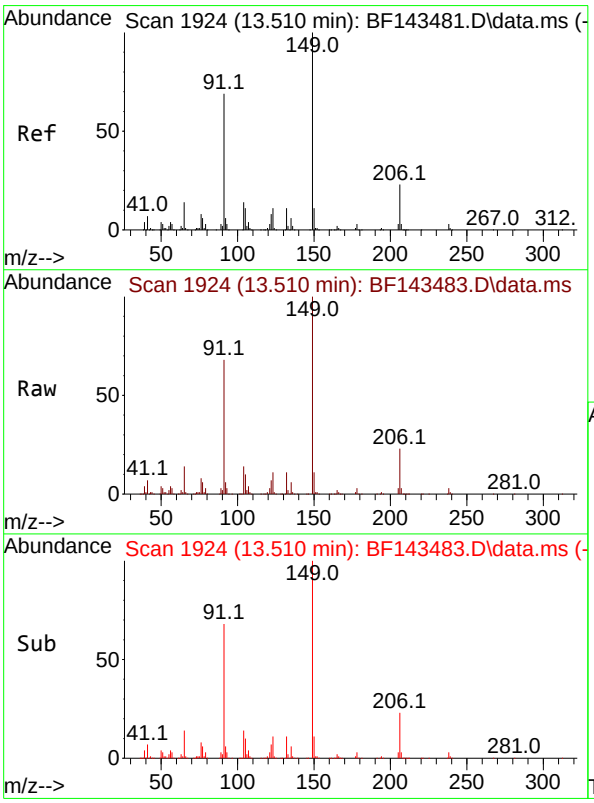
#79
Terphenyl-d14
Concen: 110.129 ng
RT: 13.039 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

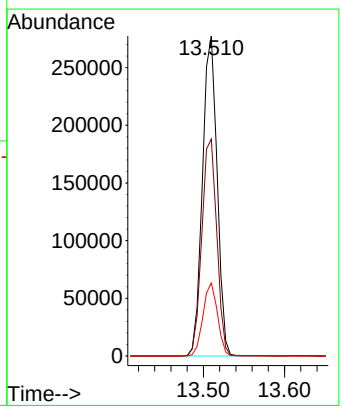


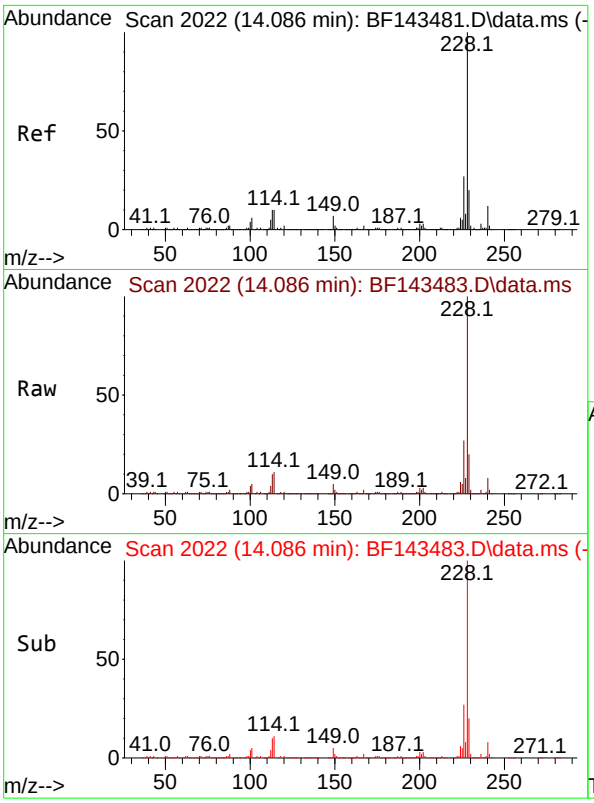


#80
Butylbenzylphthalate
Concen: 68.017 ng
RT: 13.510 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



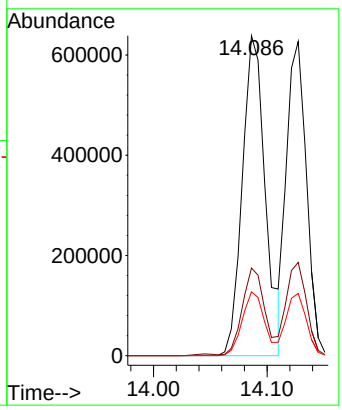


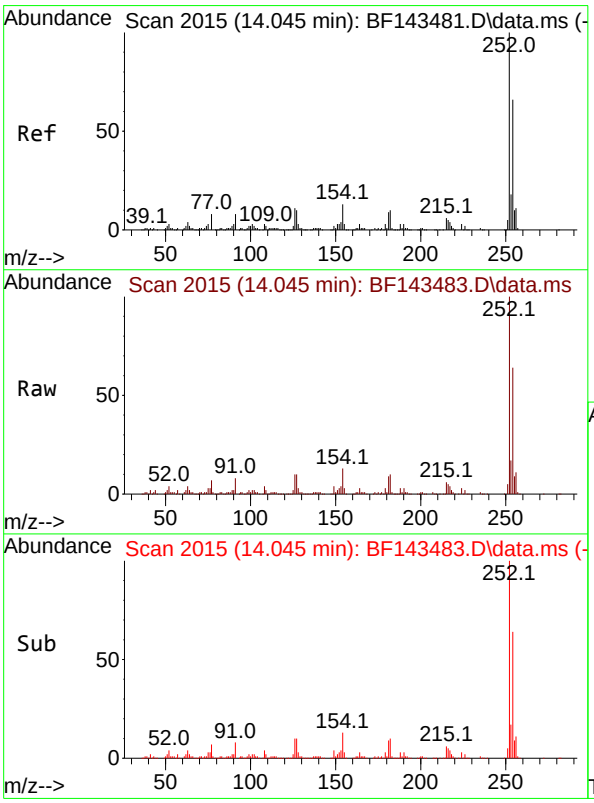
#81
Benzo(a)anthracene
Concen: 61.318 ng
RT: 14.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

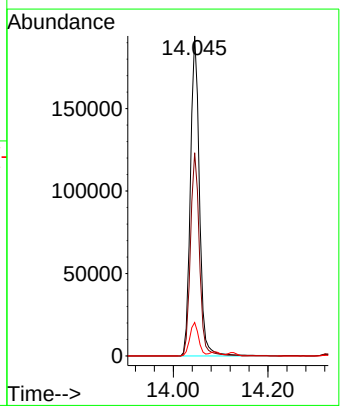


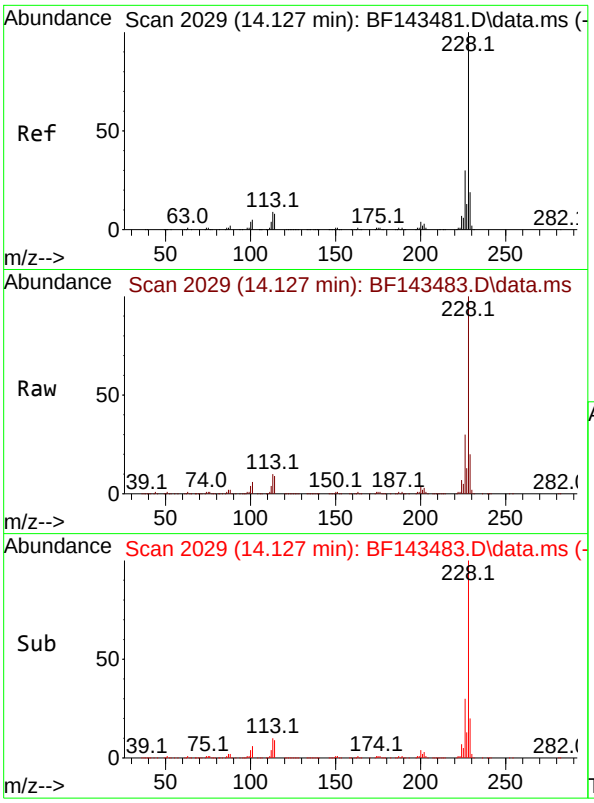


#82
3,3'-Dichlorobenzidine
Concen: 61.324 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



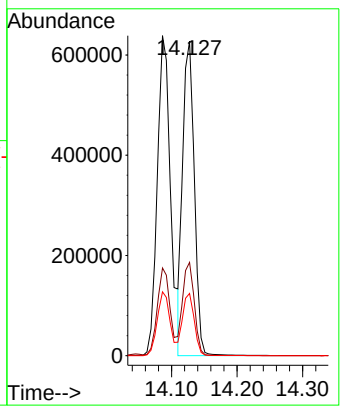


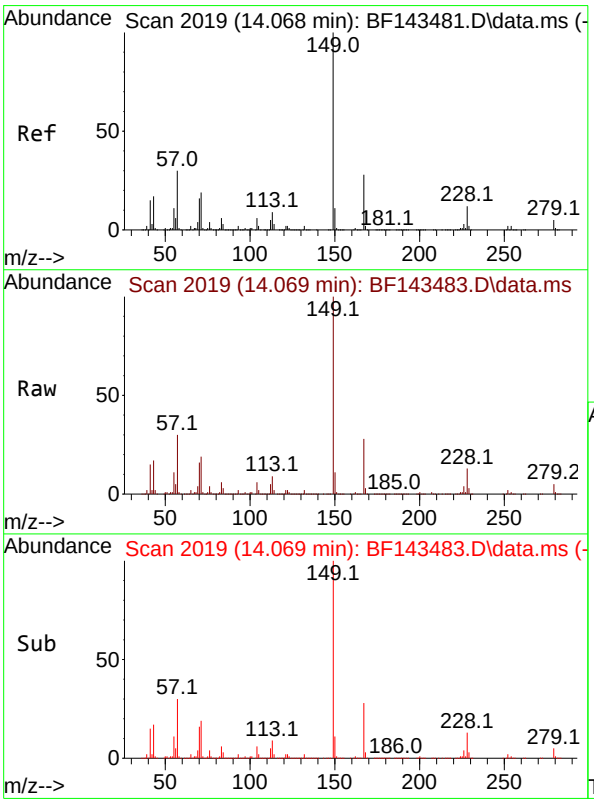
#83
Chrysene
Concen: 58.342 ng
RT: 14.127 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

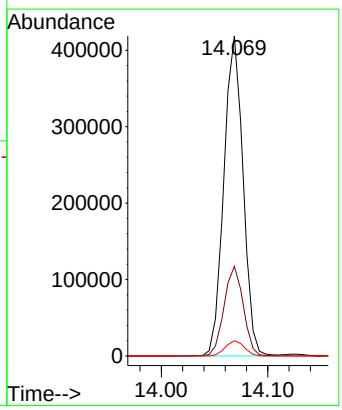


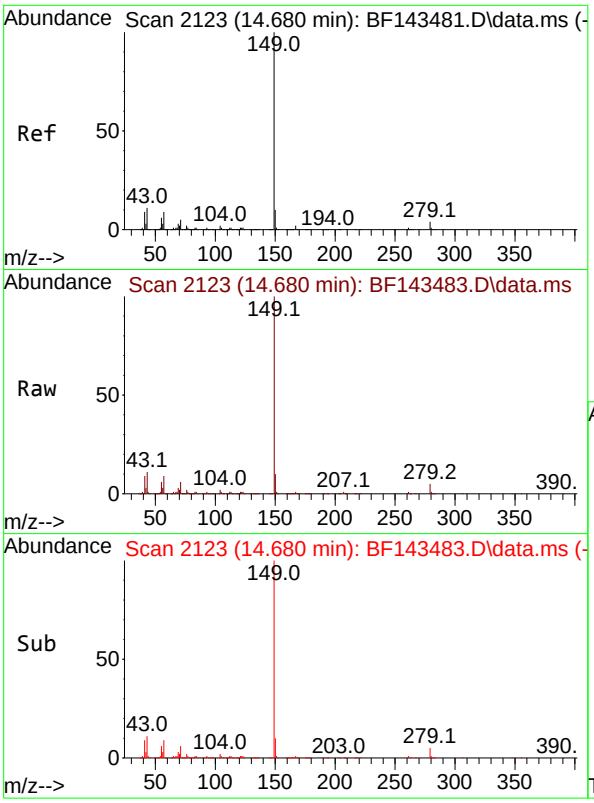


#84
Bis(2-ethylhexyl)phthalate
Concen: 67.227 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



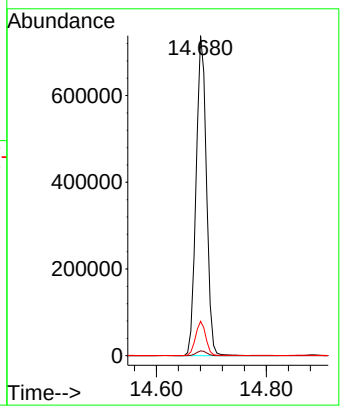


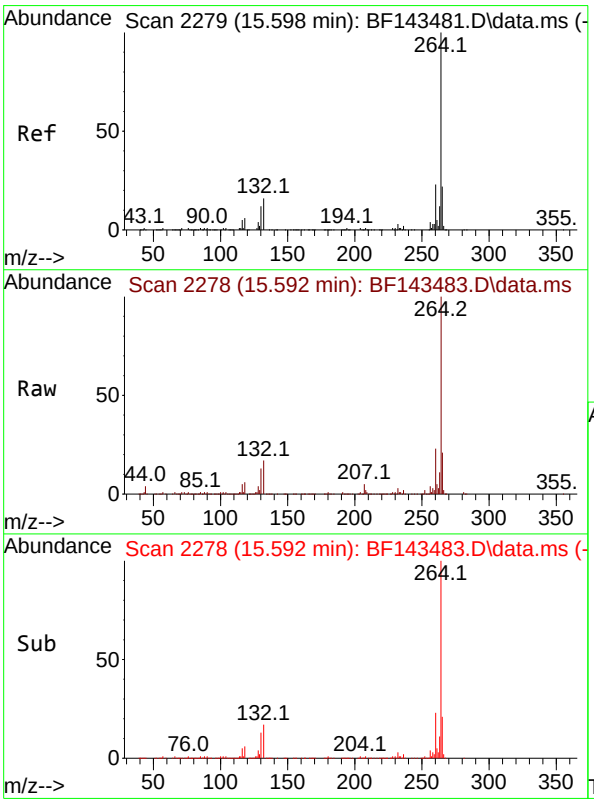
#85
Di-n-octyl phthalate
Concen: 66.864 ng
RT: 14.680 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

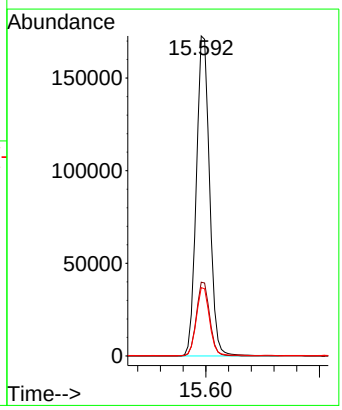


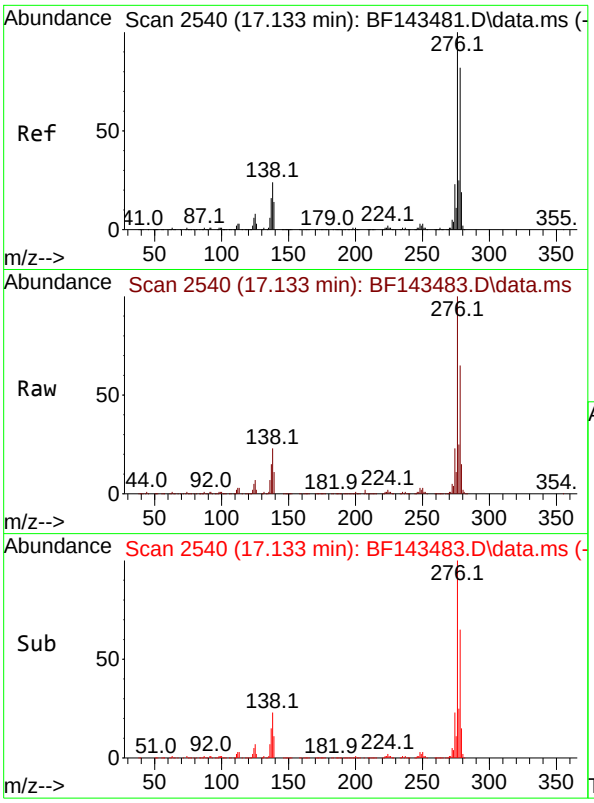


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



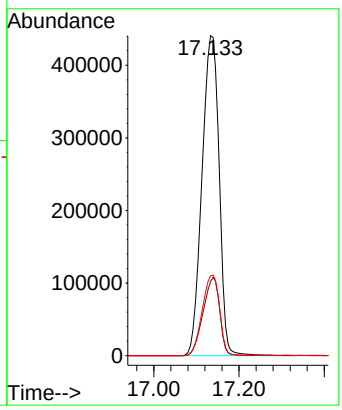


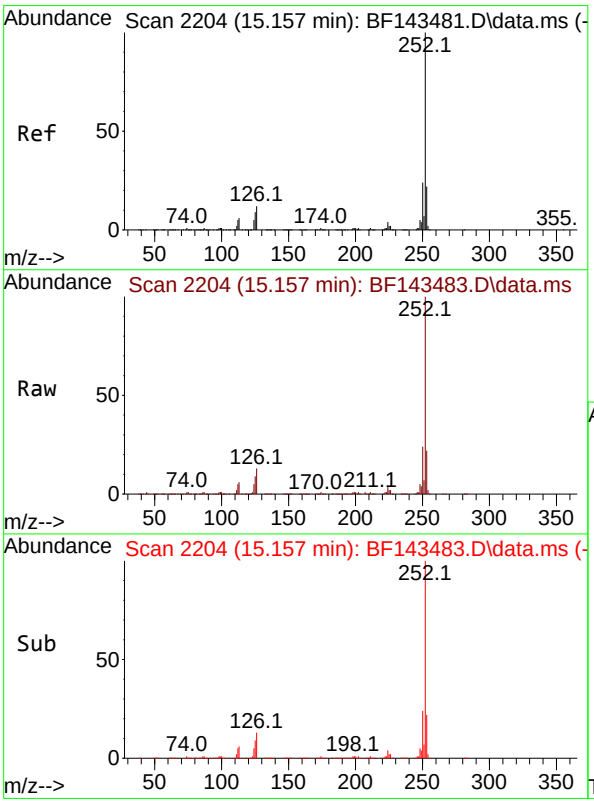
#87
Indeno(1,2,3-cd)pyrene
Concen: 61.208 ng
RT: 17.133 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

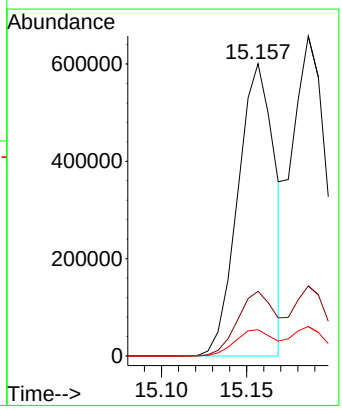


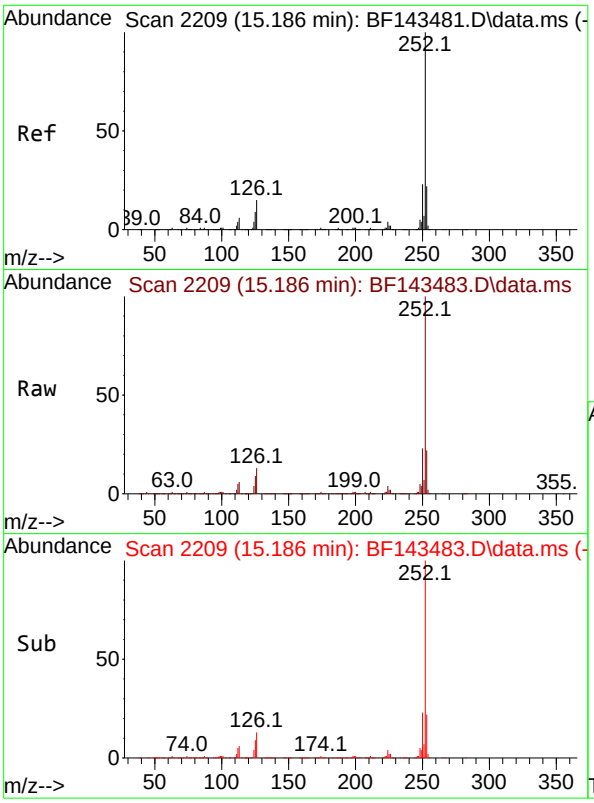


#88
Benzo(b)fluoranthene
Concen: 57.622 ng
RT: 15.157 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



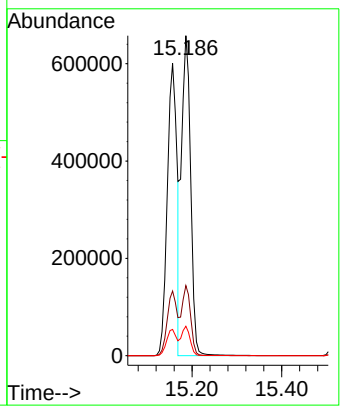


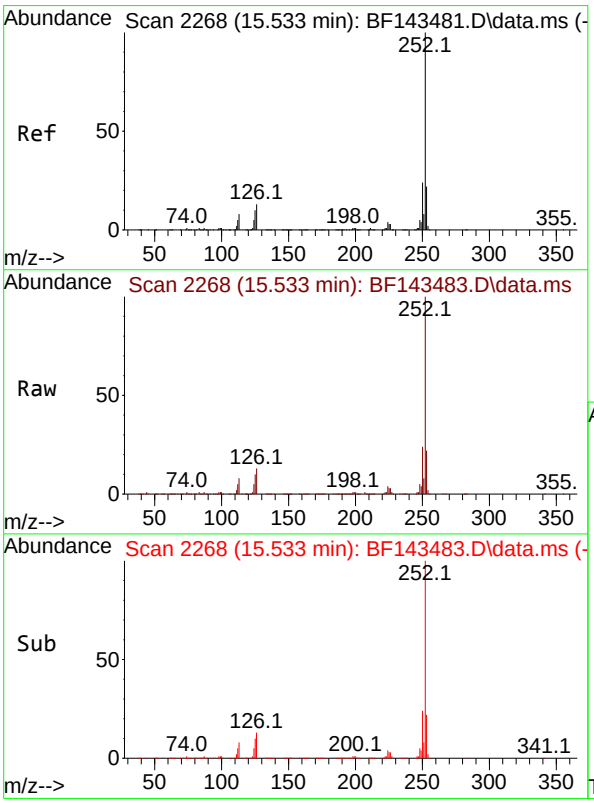
#89
Benzo(k)fluoranthene
Concen: 62.250 ng
RT: 15.186 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

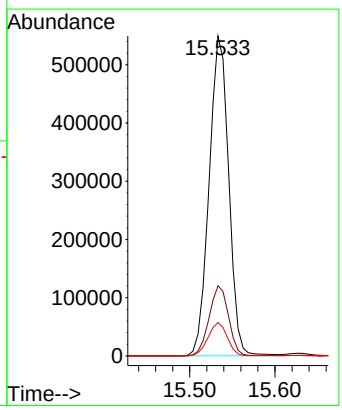


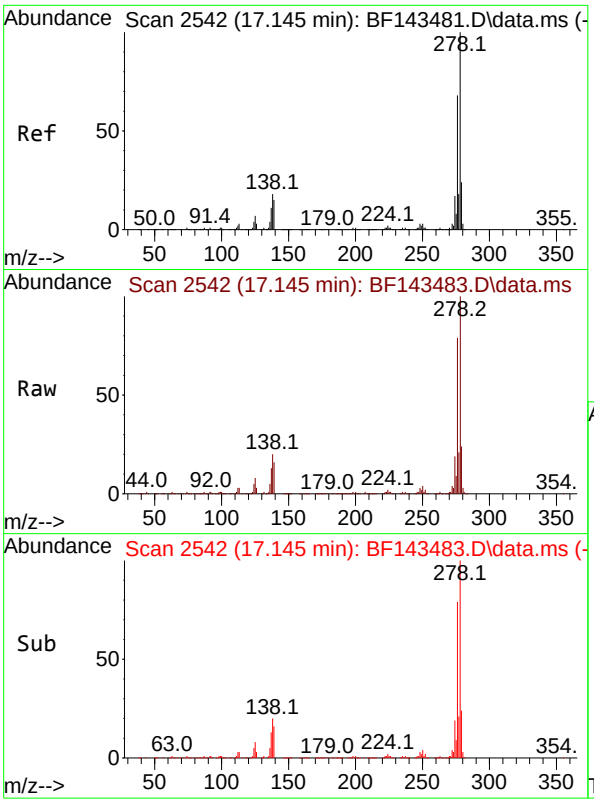


#90
Benzo(a)pyrene
Concen: 60.630 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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



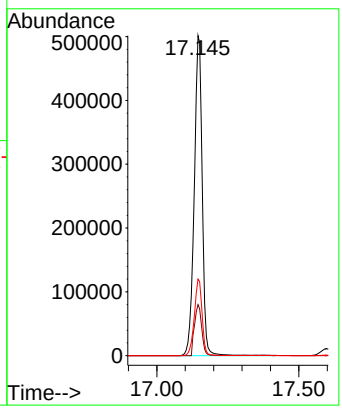


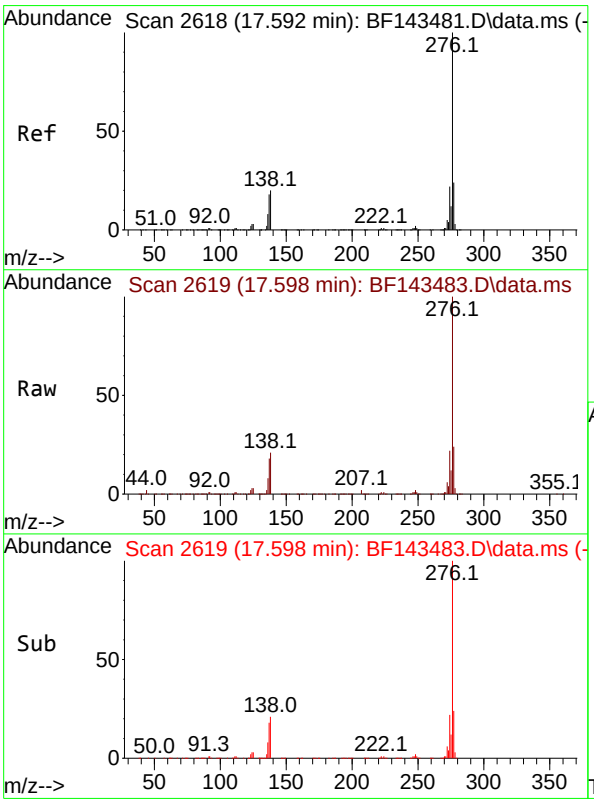
#91
Dibenzo(a,h)anthracene
Concen: 60.896 ng
RT: 17.145 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

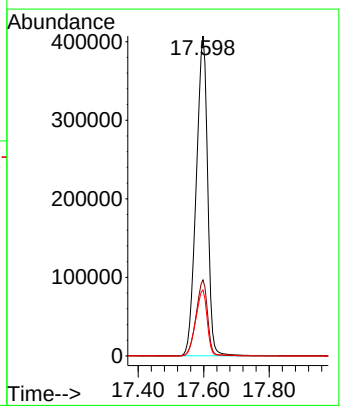




#92
Benzo(g,h,i)perylene
Concen: 61.444 ng
RT: 17.598 min Scan# 2619
Delta R.T. -0.006 min
Lab File: BF143483.D
Acq: 20 Aug 2025 13:51

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

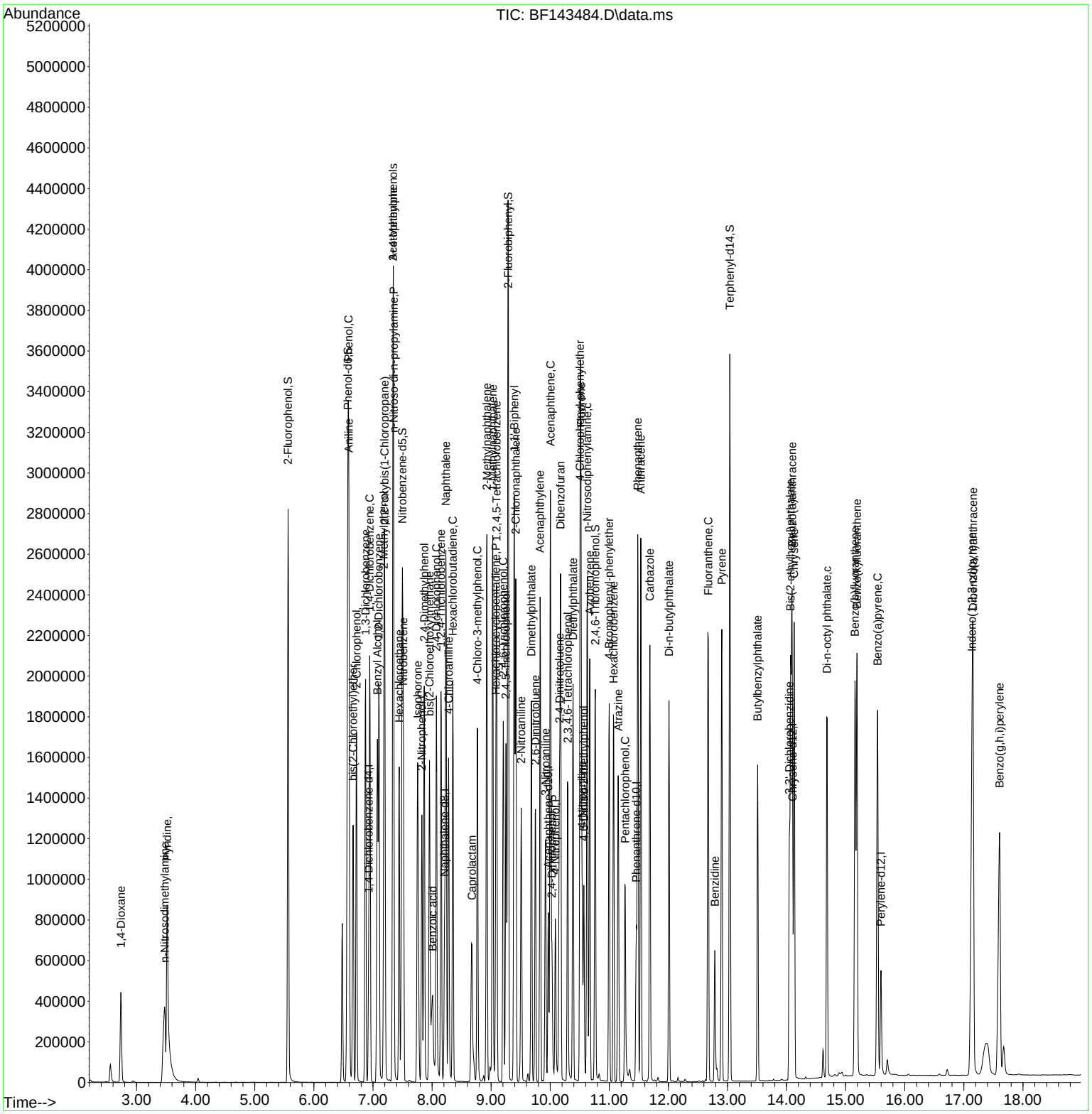
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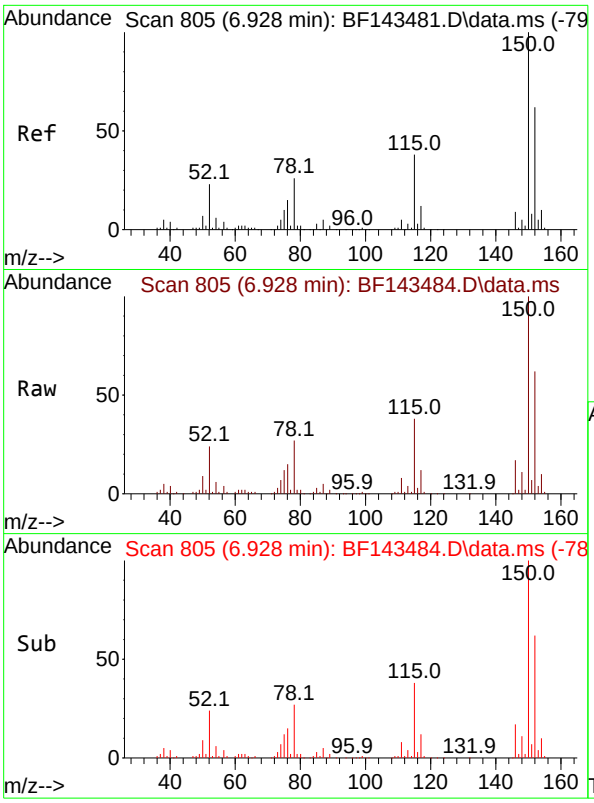
ICAL Form

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



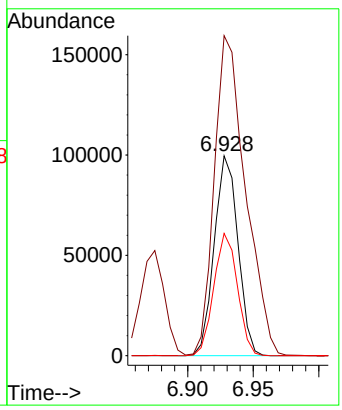


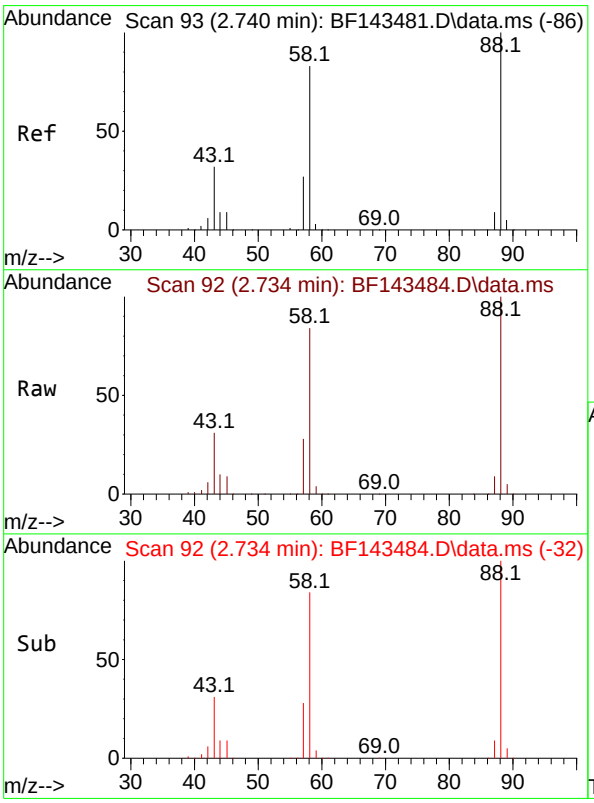
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

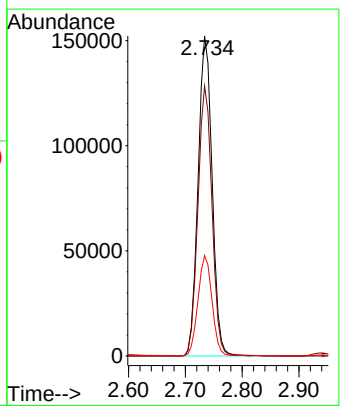


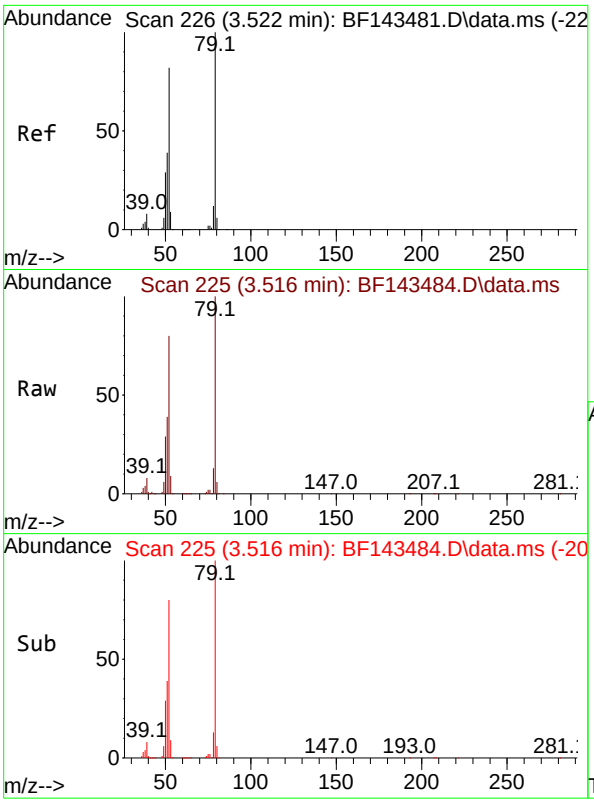


#2
1,4-Dioxane
Concen: 78.723 ng
RT: 2.734 min Scan# 92
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



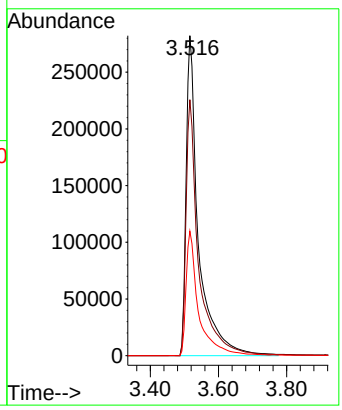


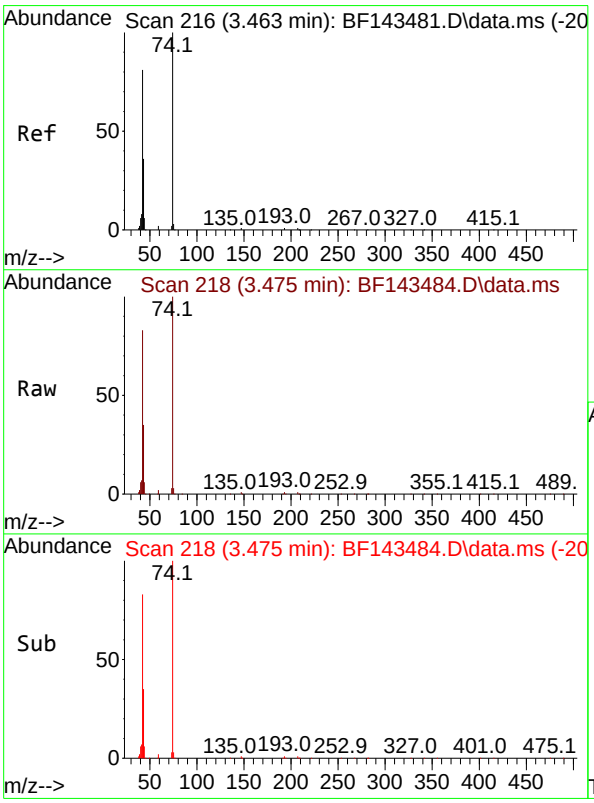
#3
Pyridine
Concen: 80.466 ng
RT: 3.516 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

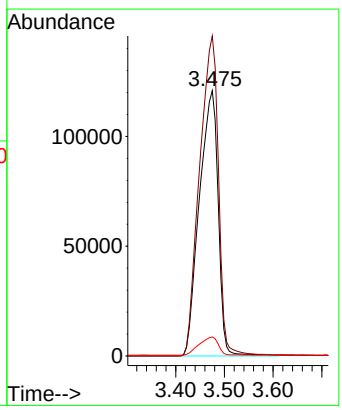


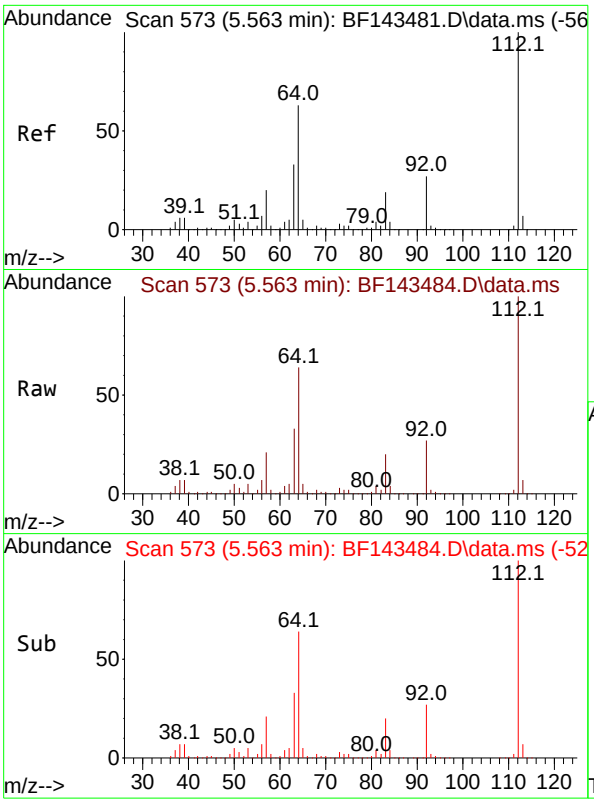


#4
n-Nitrosodimethylamine
Concen: 81.643 ng
RT: 3.475 min Scan# 218
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



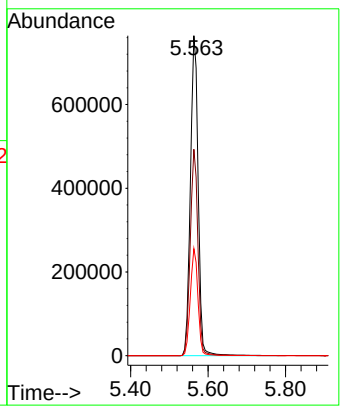


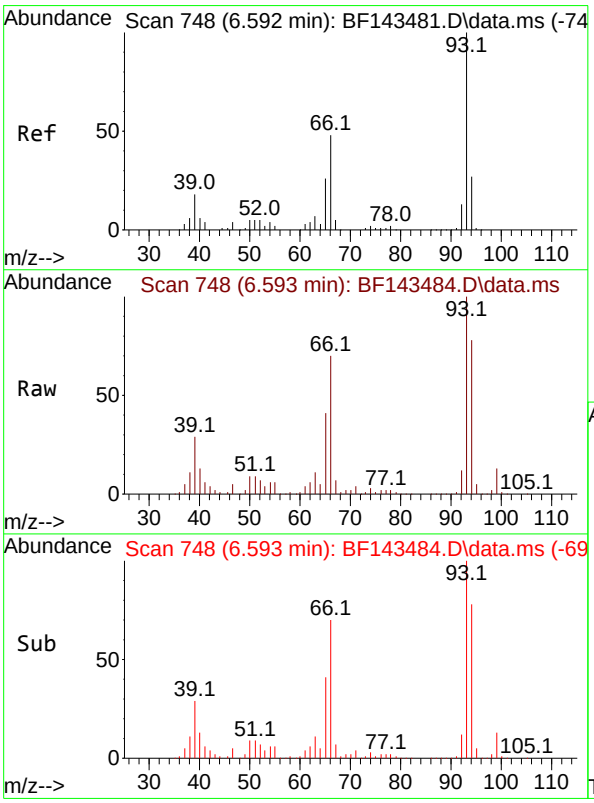
#5
2-Fluorophenol
Concen: 148.245 ng
RT: 5.563 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

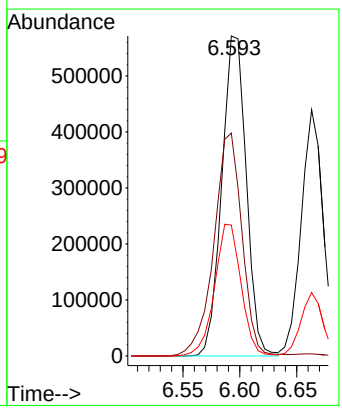


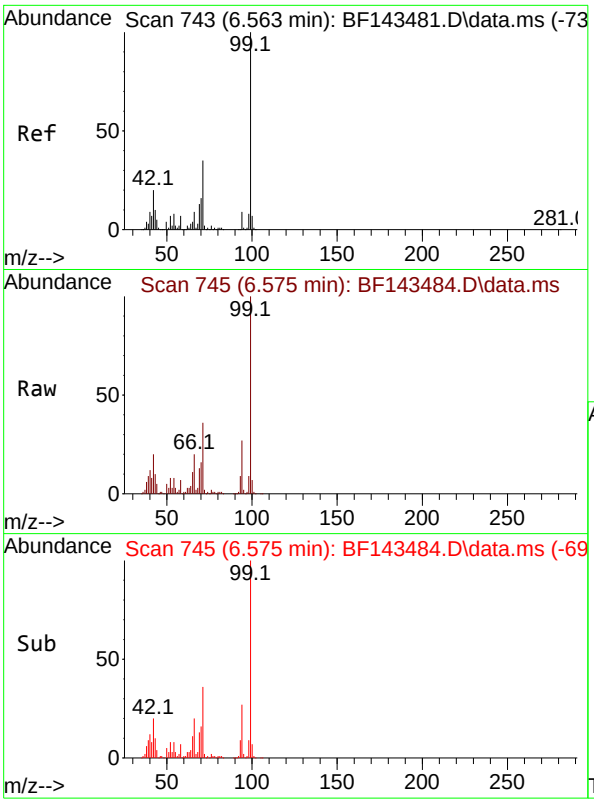


#6
Aniline
Concen: 72.534 ng
RT: 6.593 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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#



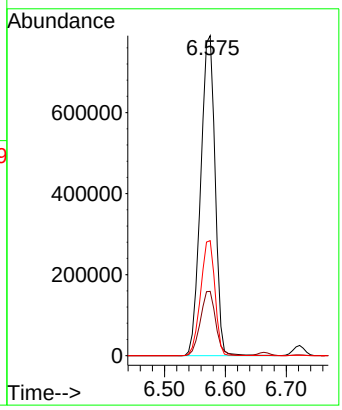


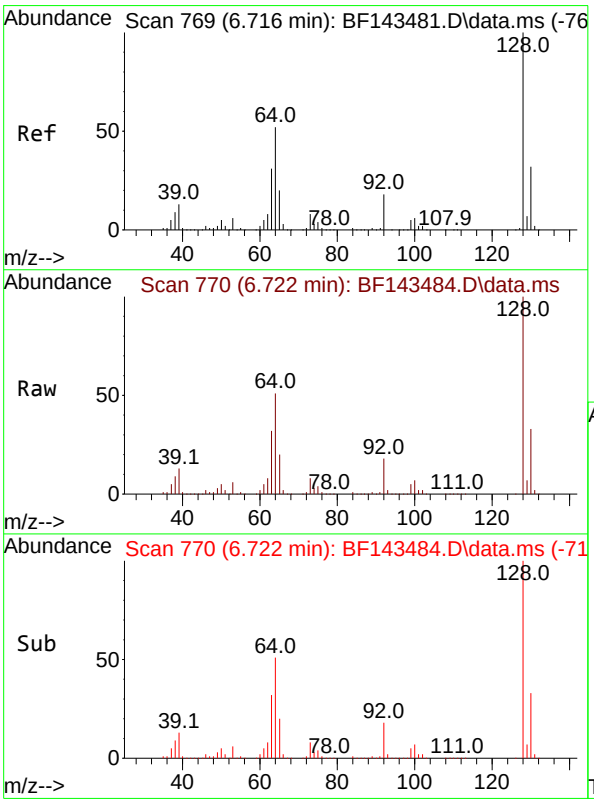
#7
Phenol-d6
Concen: 146.969 ng
RT: 6.575 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

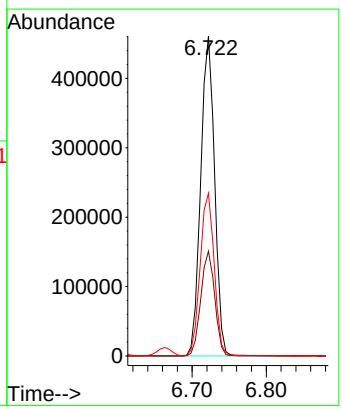


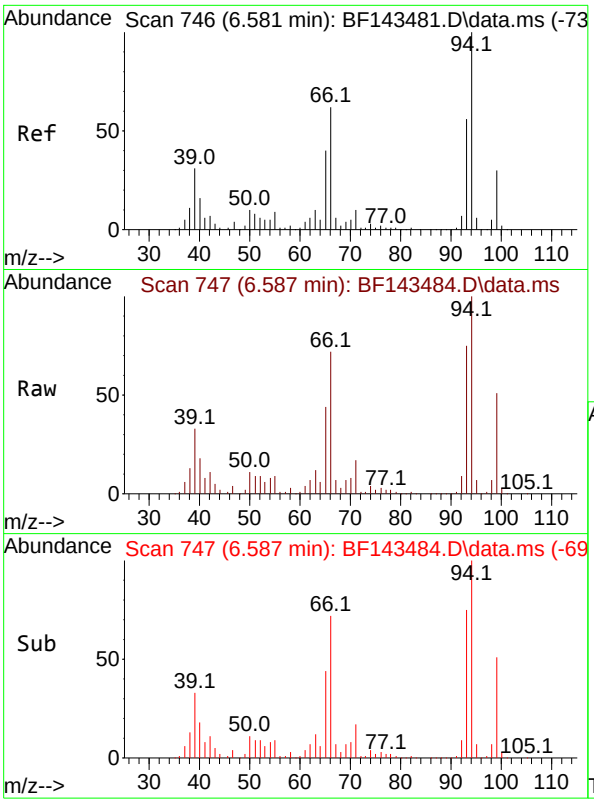


#8
2-Chlorophenol
Concen: 75.996 ng
RT: 6.722 min Scan# 770
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



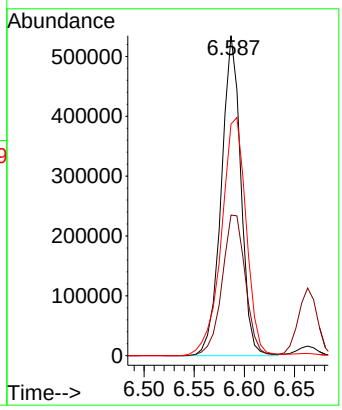


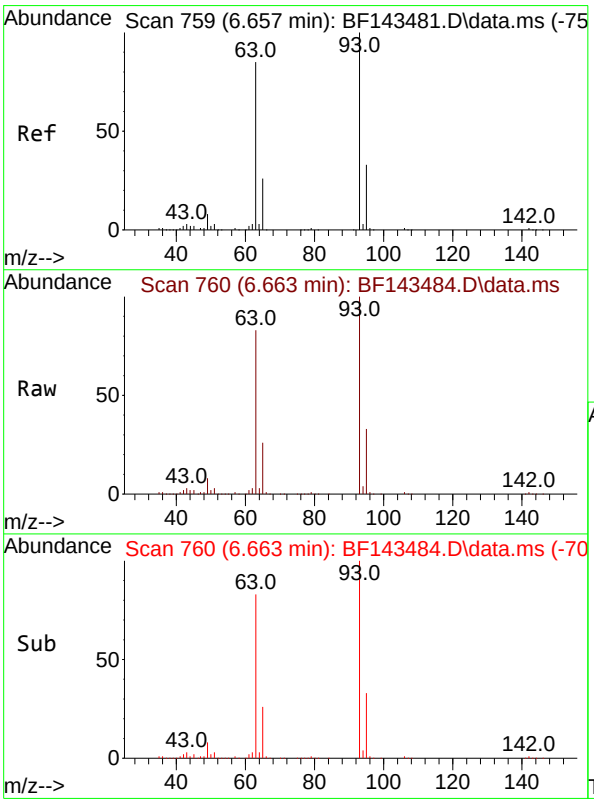
#10
Phenol
Concen: 71.153 ng
RT: 6.587 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

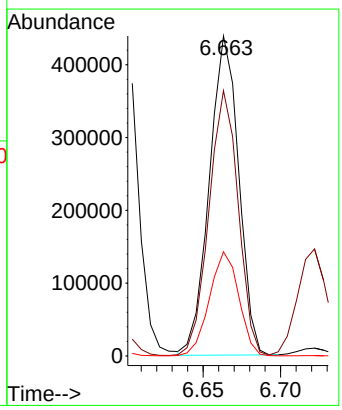


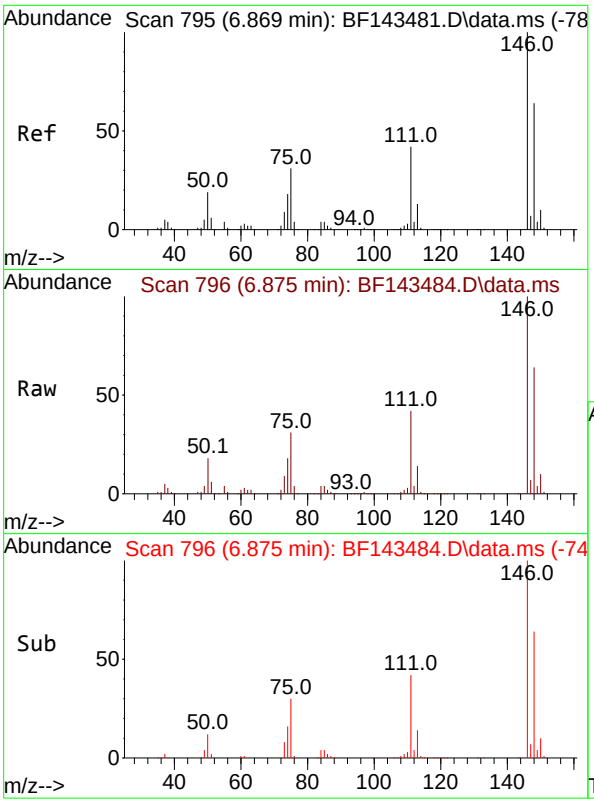


#11
bis(2-Chloroethyl)ether
Concen: 75.951 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



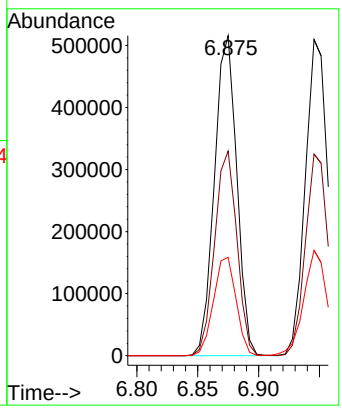


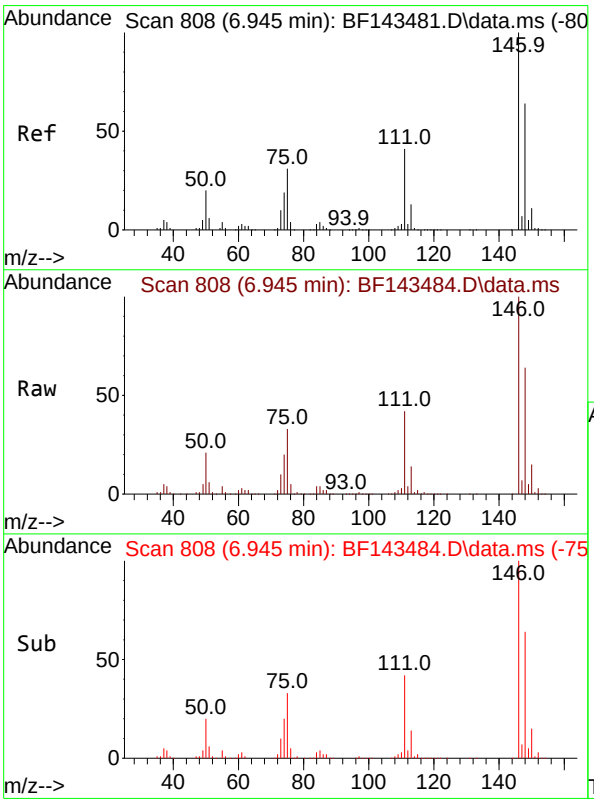
#12
1,3-Dichlorobenzene
Concen: 74.140 ng
RT: 6.875 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

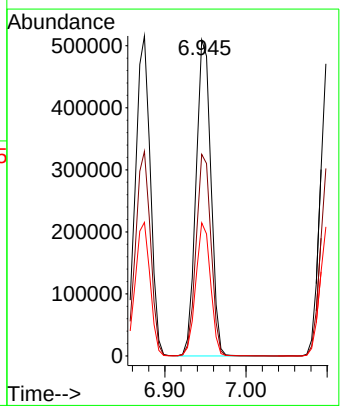


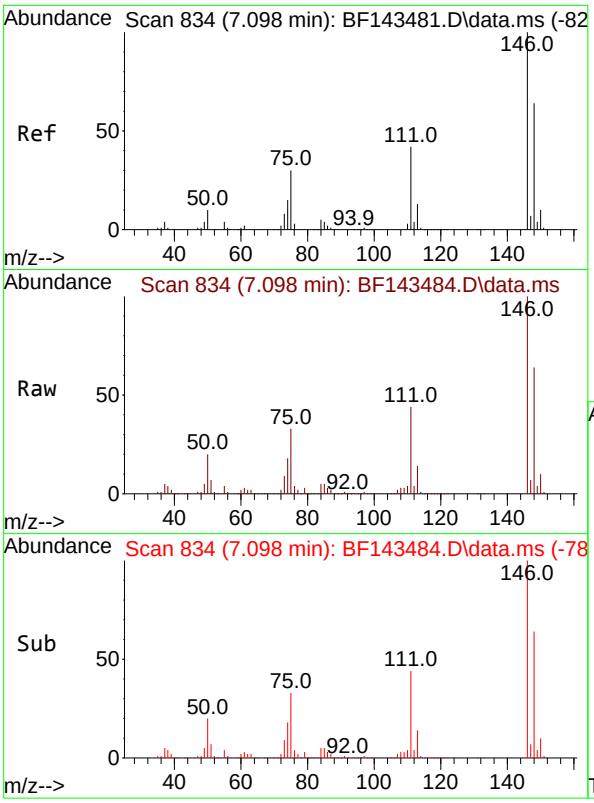


#13
1,4-Dichlorobenzene
Concen: 73.180 ng
RT: 6.945 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



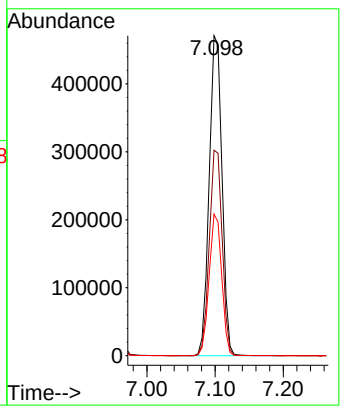


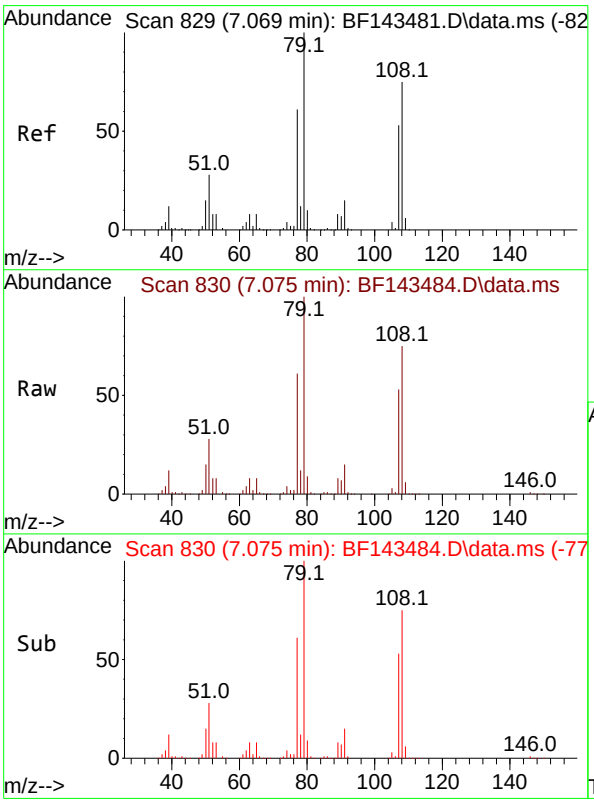
#14
1,2-Dichlorobenzene
Concen: 73.091 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

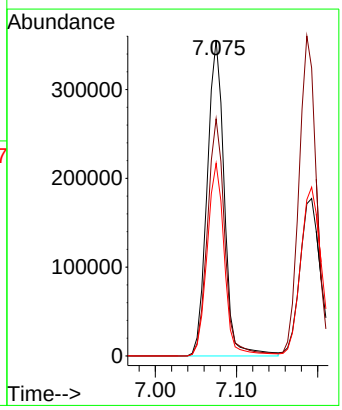


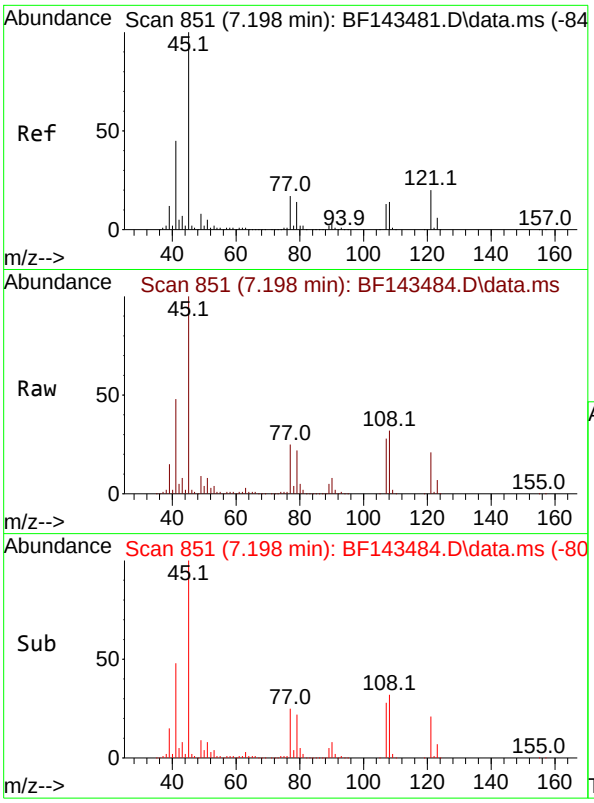


#15
Benzyl Alcohol
Concen: 78.692 ng
RT: 7.075 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



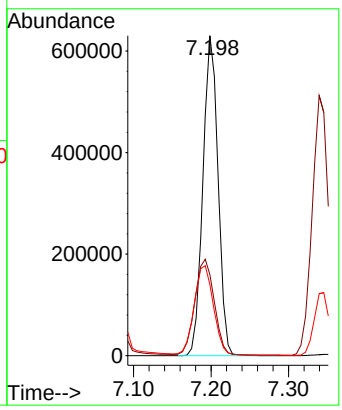


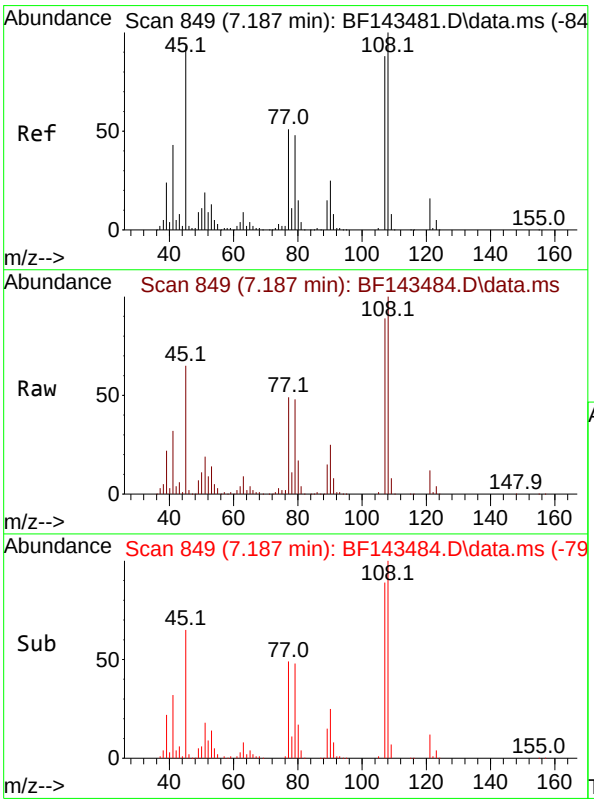
#16
2,2'-oxybis(1-Chloropropane)
Concen: 69.956 ng
RT: 7.198 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

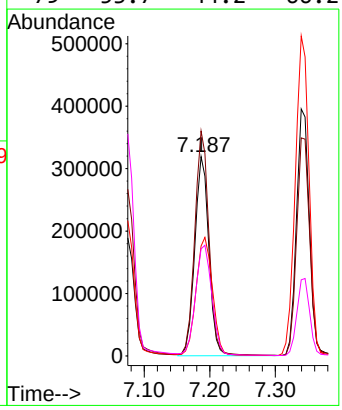


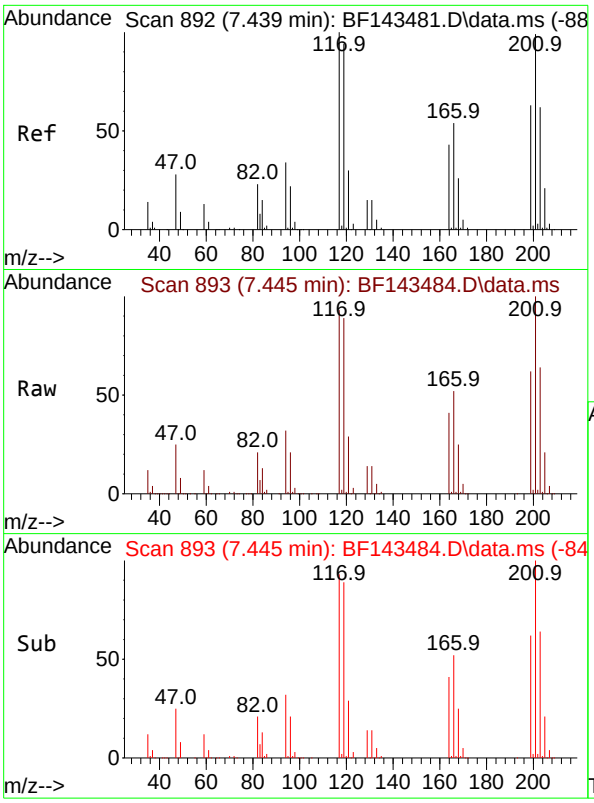


#17
2-Methylphenol
Concen: 75.661 ng
RT: 7.187 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



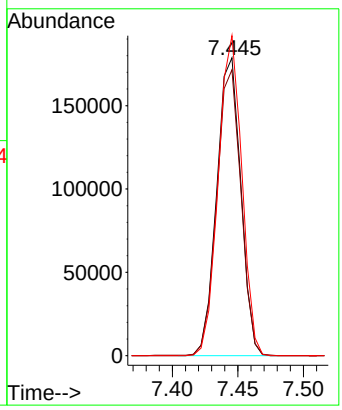


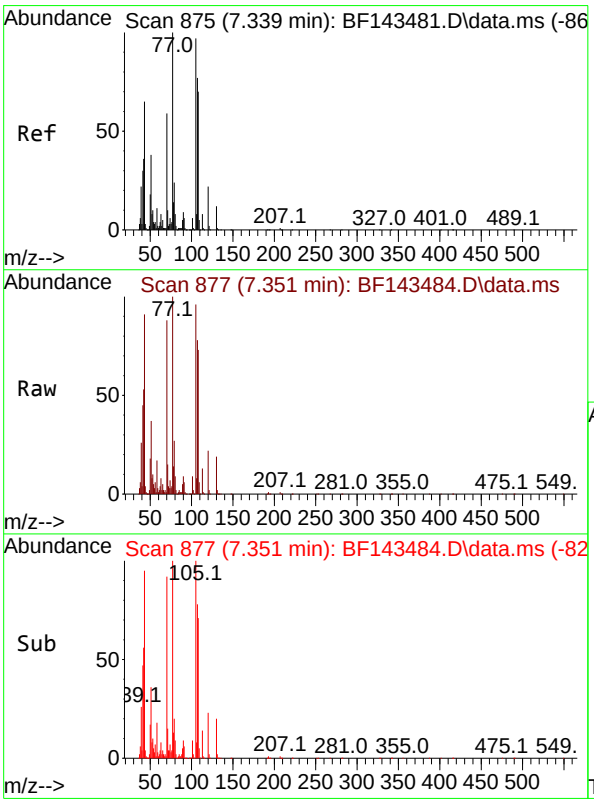
#18
Hexachloroethane
Concen: 75.207 ng
RT: 7.445 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

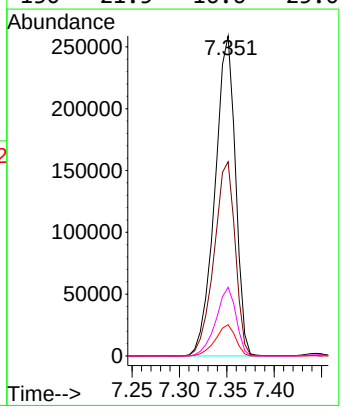


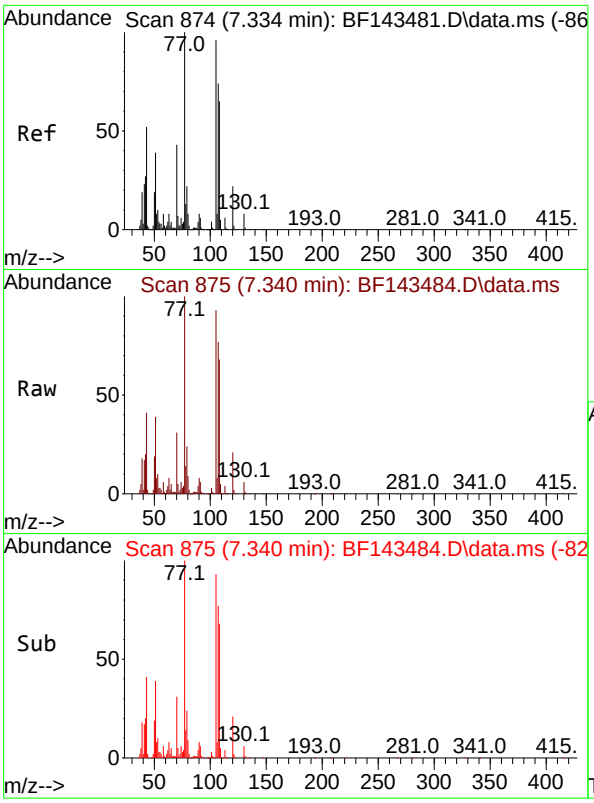


#19
n-Nitroso-di-n-propylamine
Concen: 72.344 ng
RT: 7.351 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



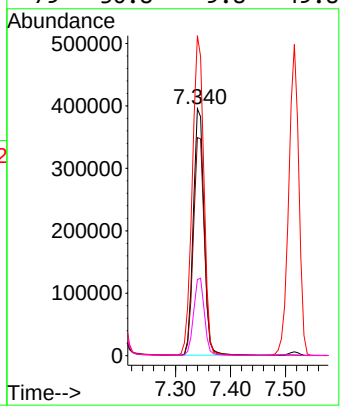


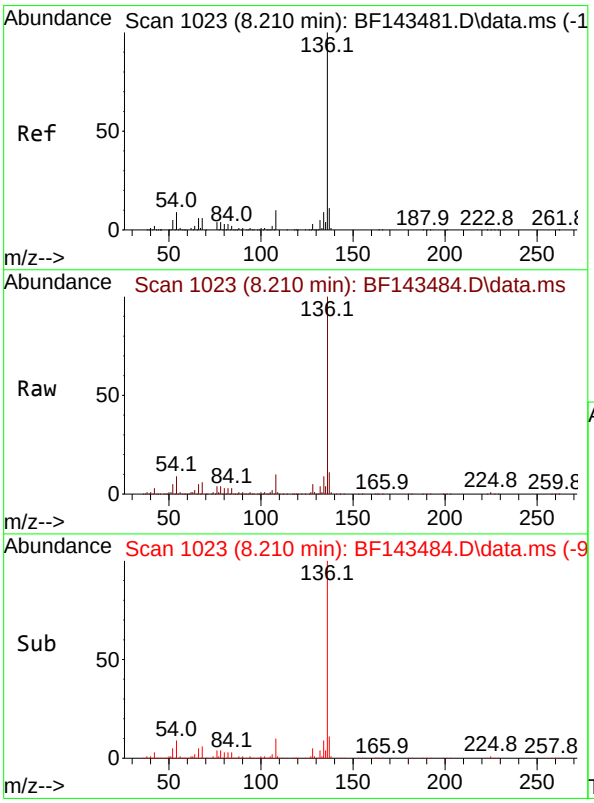
#20
3+4-Methylphenols
Concen: 71.028 ng
RT: 7.340 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

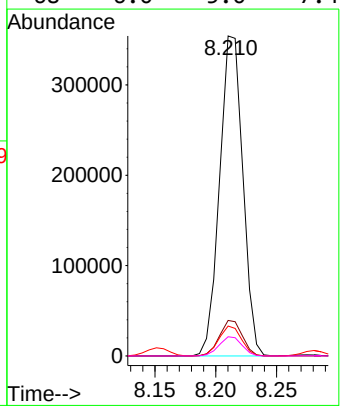


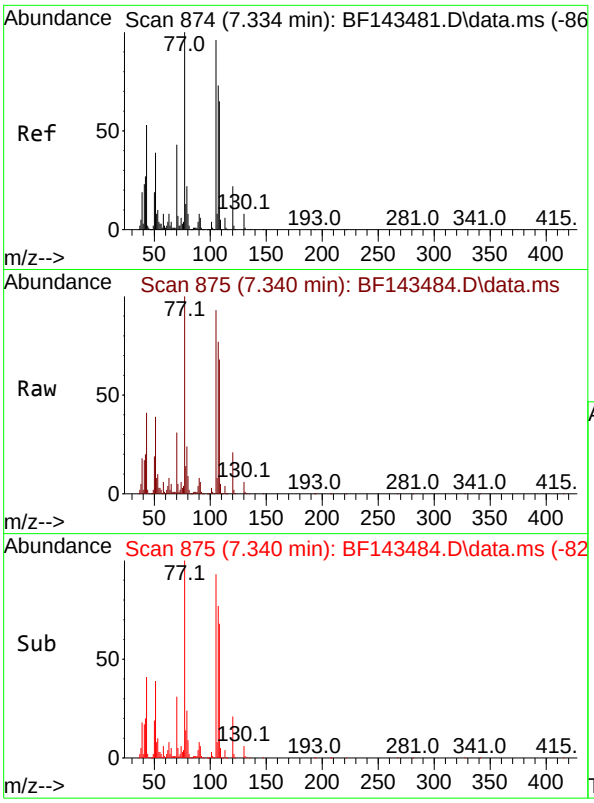


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



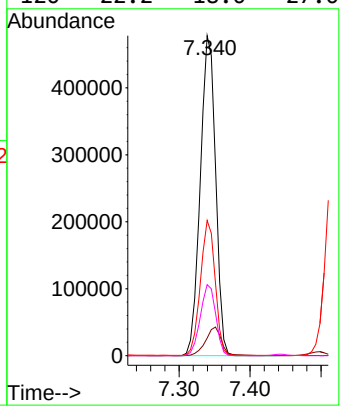


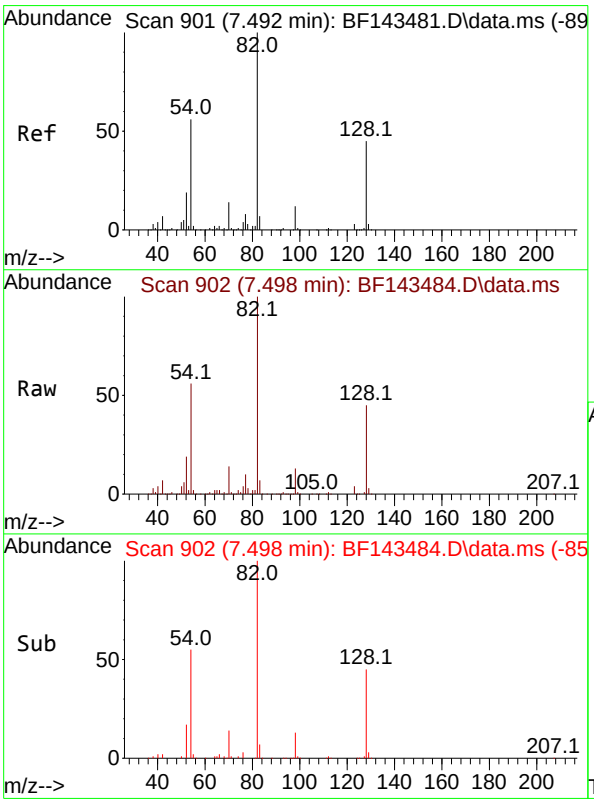
#22
Acetophenone
Concen: 70.797 ng
RT: 7.340 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

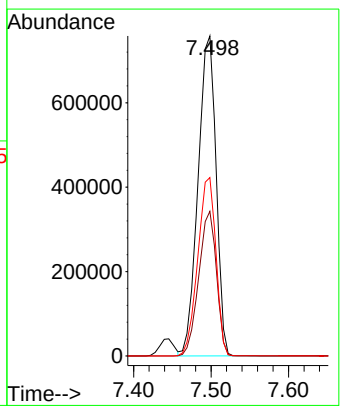


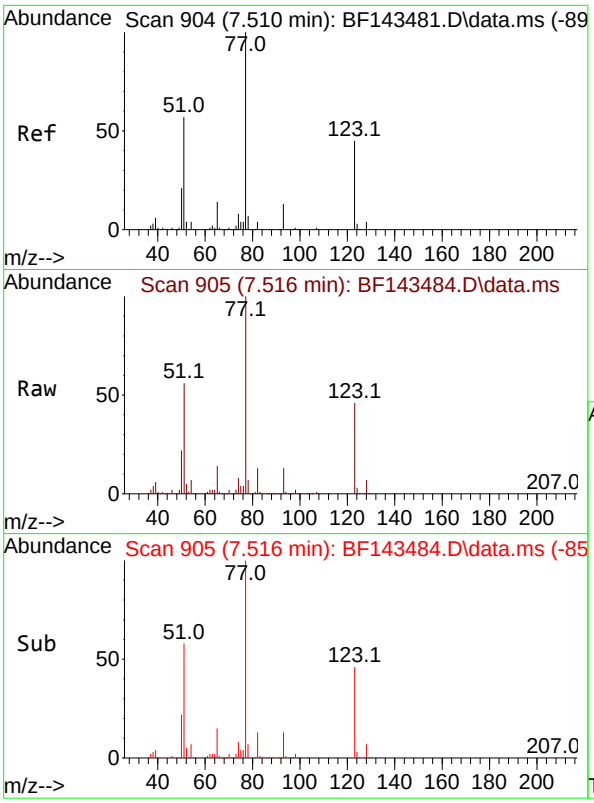


#23
Nitrobenzene-d5
Concen: 151.649 ng
RT: 7.498 min Scan# 902
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



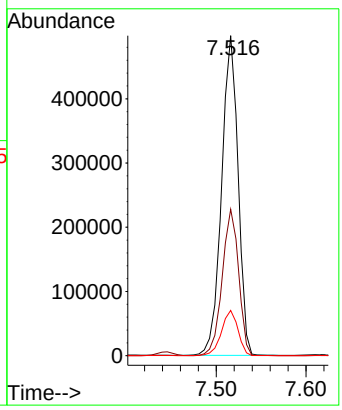


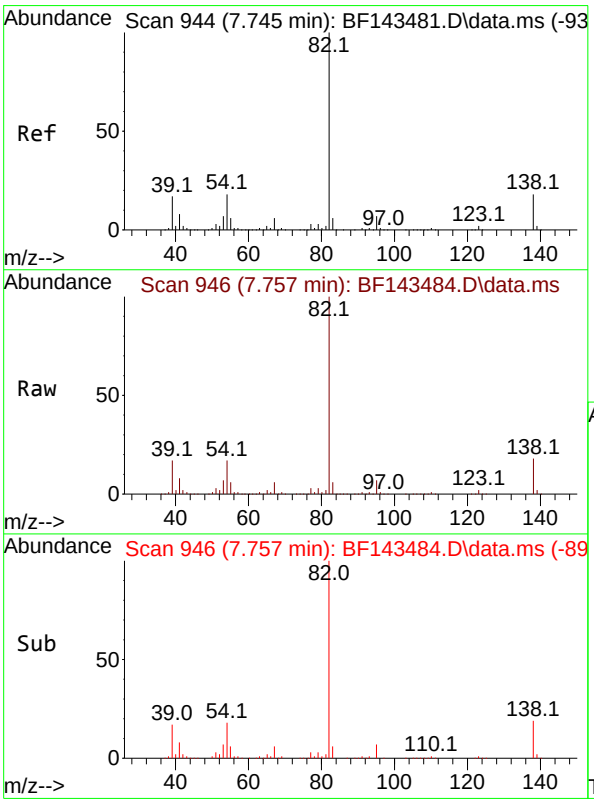
#24
Nitrobenzene
Concen: 76.350 ng
RT: 7.516 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

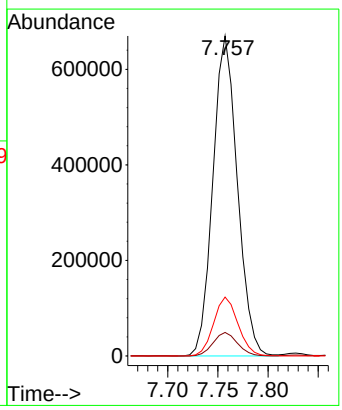


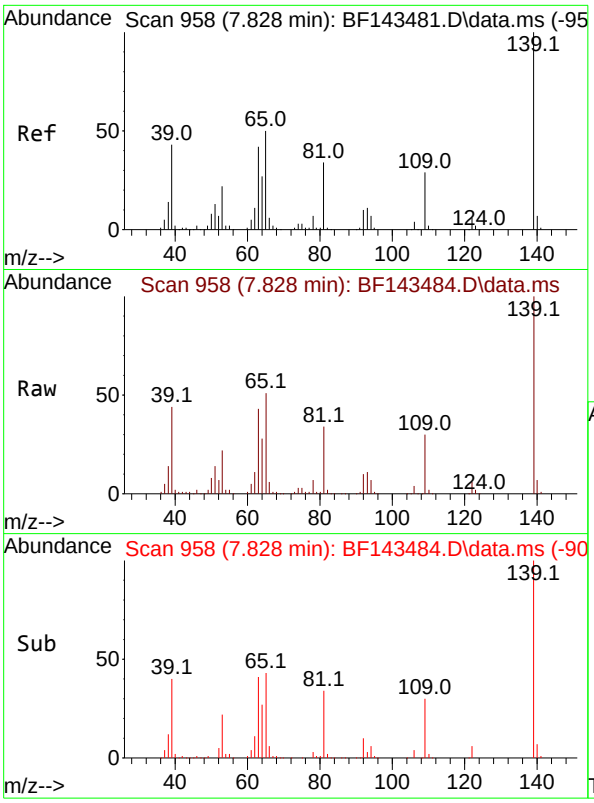


#25
Isophorone
Concen: 76.802 ng
RT: 7.757 min Scan# 946
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



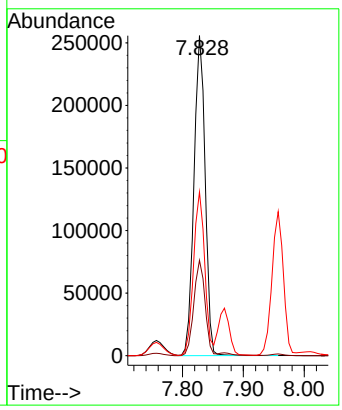


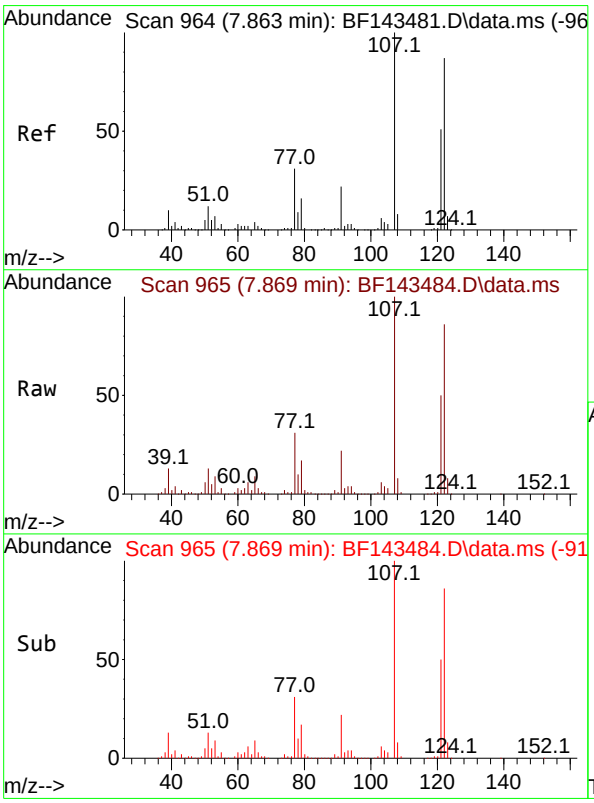
#26
2-Nitrophenol
Concen: 80.143 ng
RT: 7.828 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

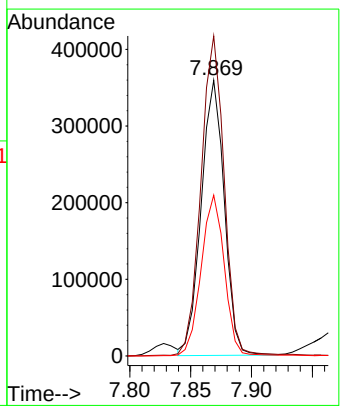


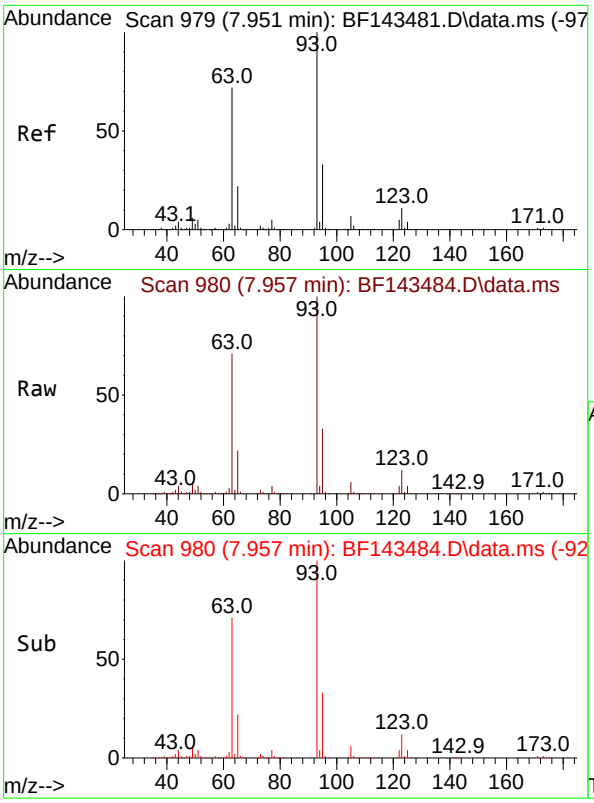


#27
2,4-Dimethylphenol
Concen: 74.687 ng
RT: 7.869 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



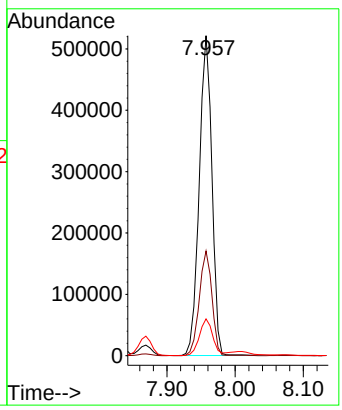


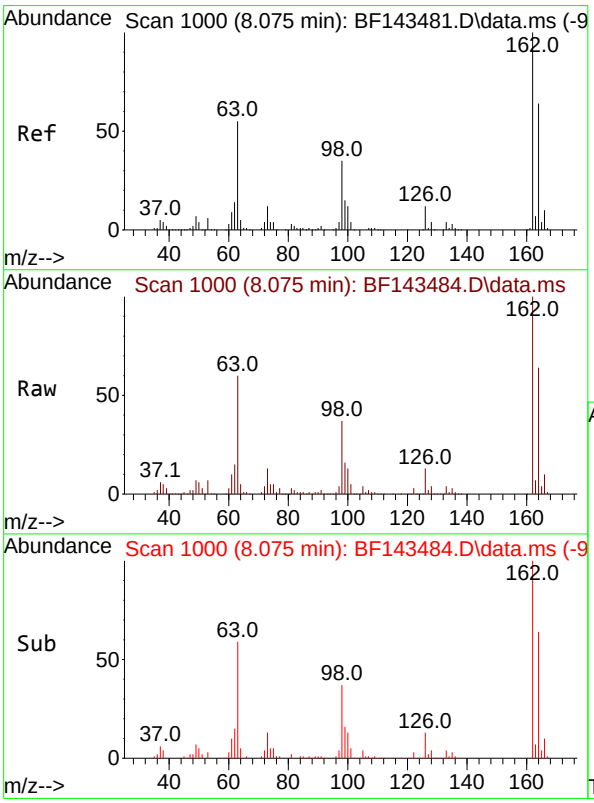
#28
bis(2-Chloroethoxy)methane
Concen: 74.061 ng
RT: 7.957 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

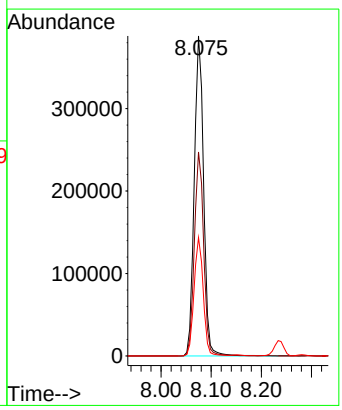


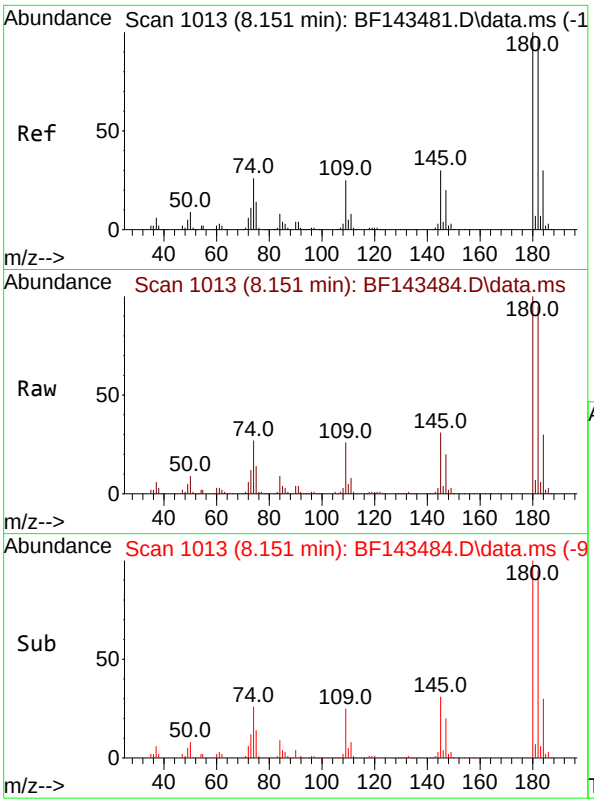


#29
2,4-Dichlorophenol
Concen: 73.984 ng
RT: 8.075 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



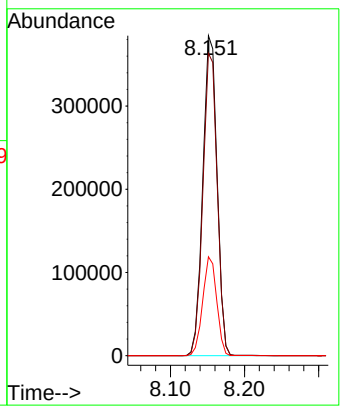


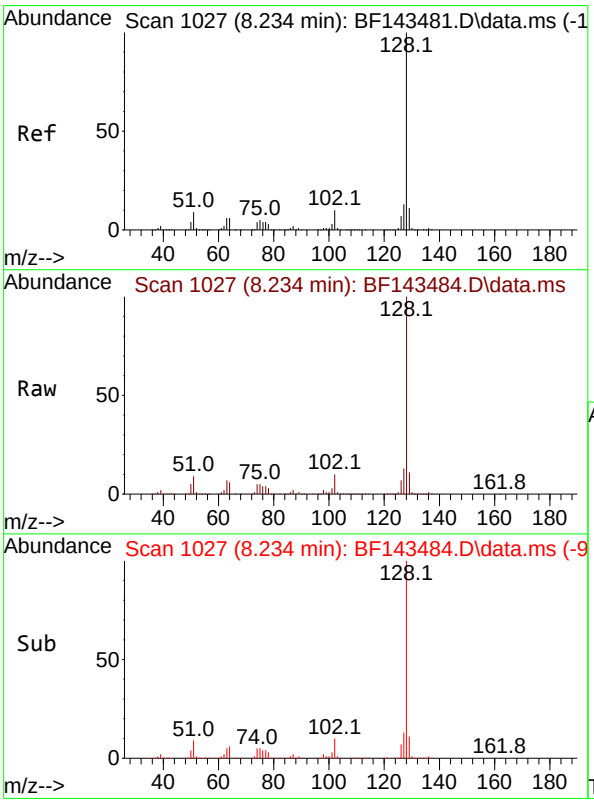
#30
1,2,4-Trichlorobenzene
Concen: 74.002 ng
RT: 8.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

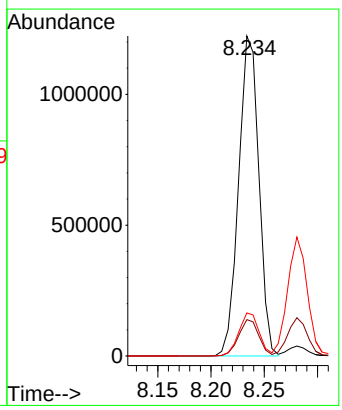


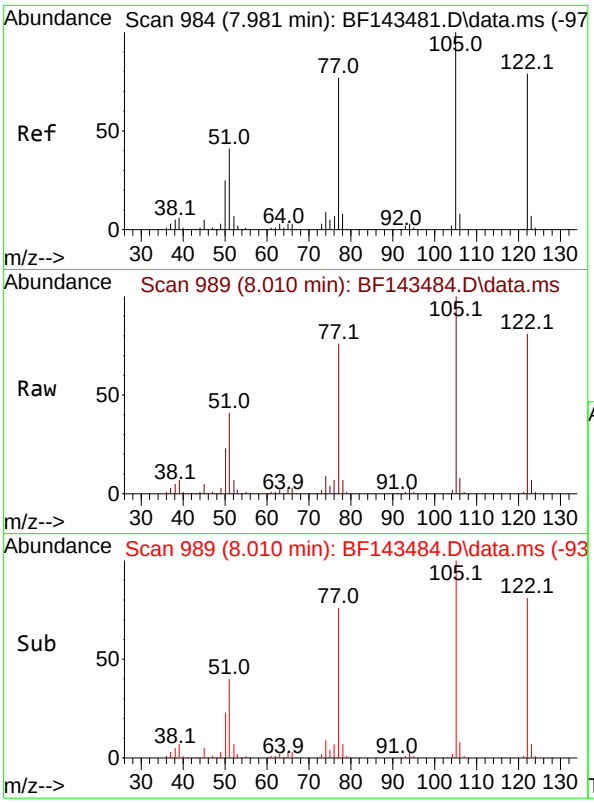


#31
Naphthalene
Concen: 71.600 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



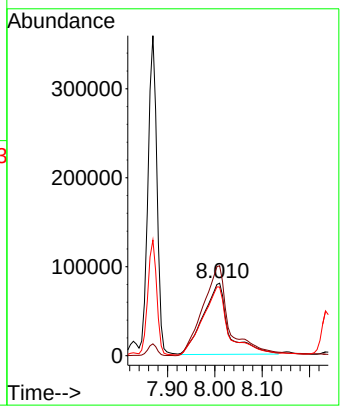


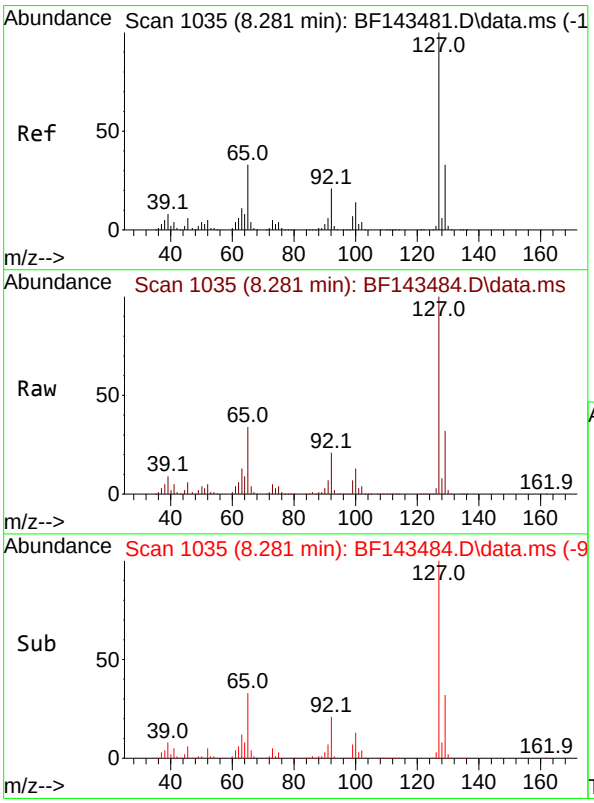
#32
Benzoic acid
Concen: 79.400 ng
RT: 8.010 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

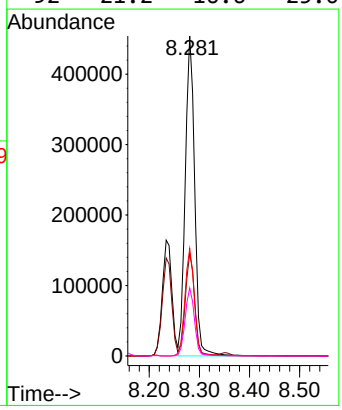


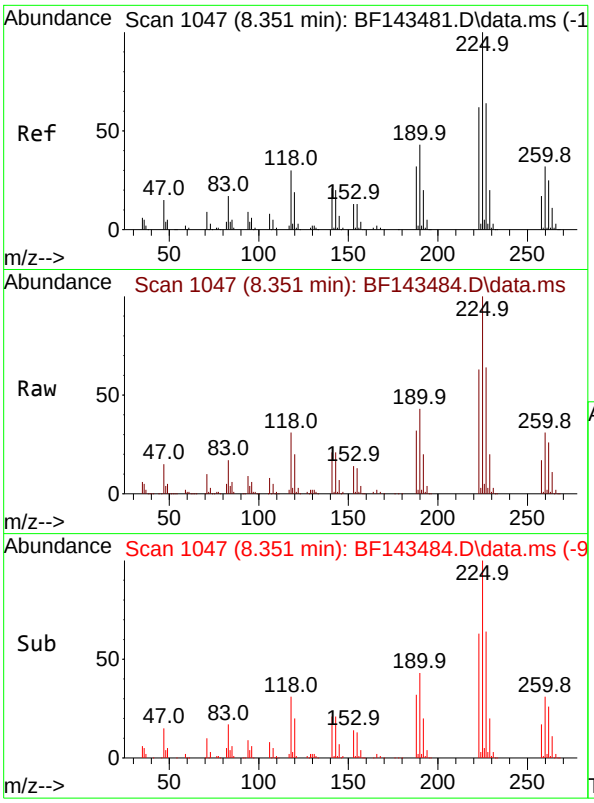


#33
4-Chloroaniline
Concen: 73.979 ng
RT: 8.281 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



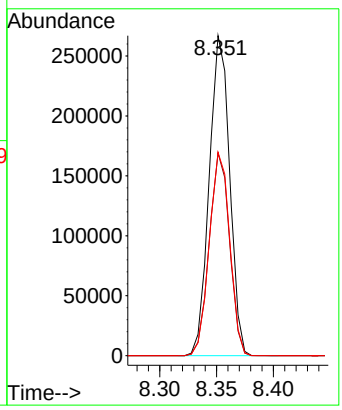


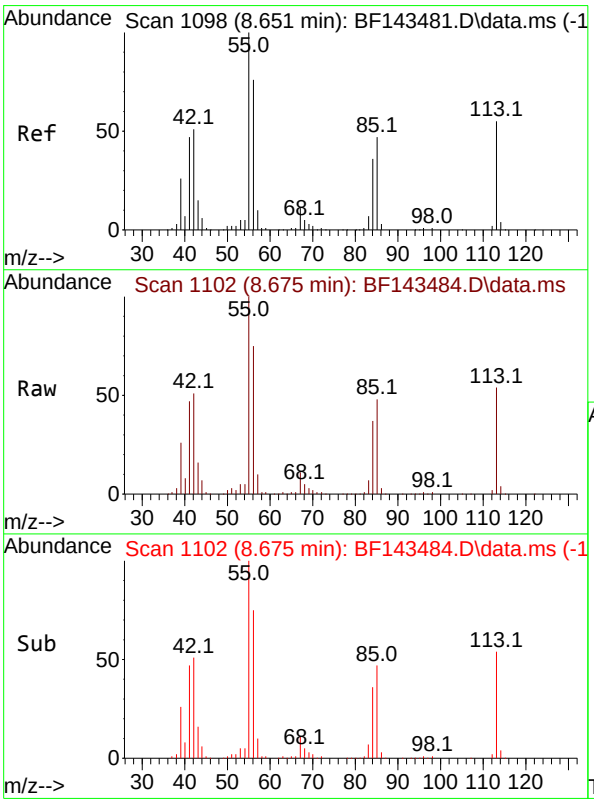
#34
Hexachlorobutadiene
Concen: 73.429 ng
RT: 8.351 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

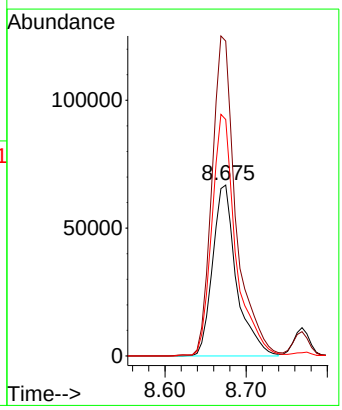


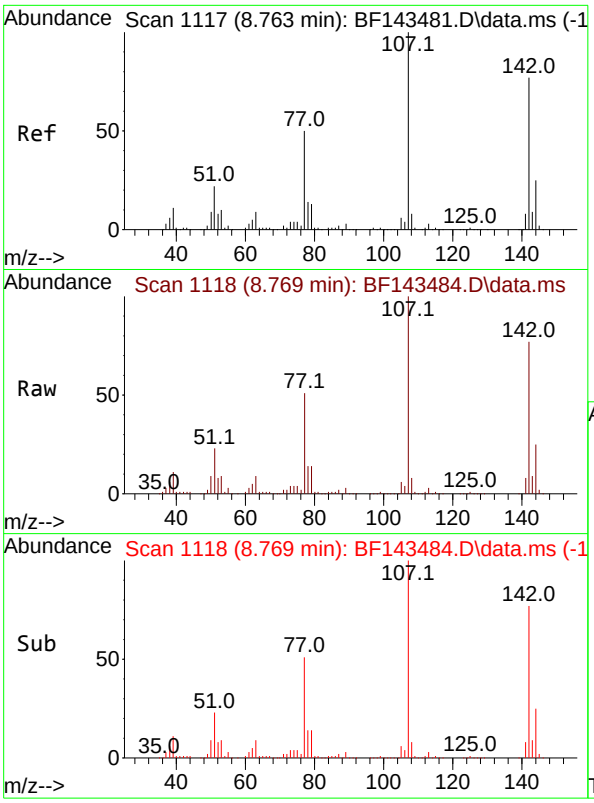


#35
Caprolactam
Concen: 83.868 ng
RT: 8.675 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



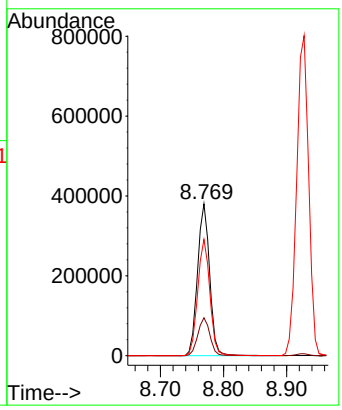


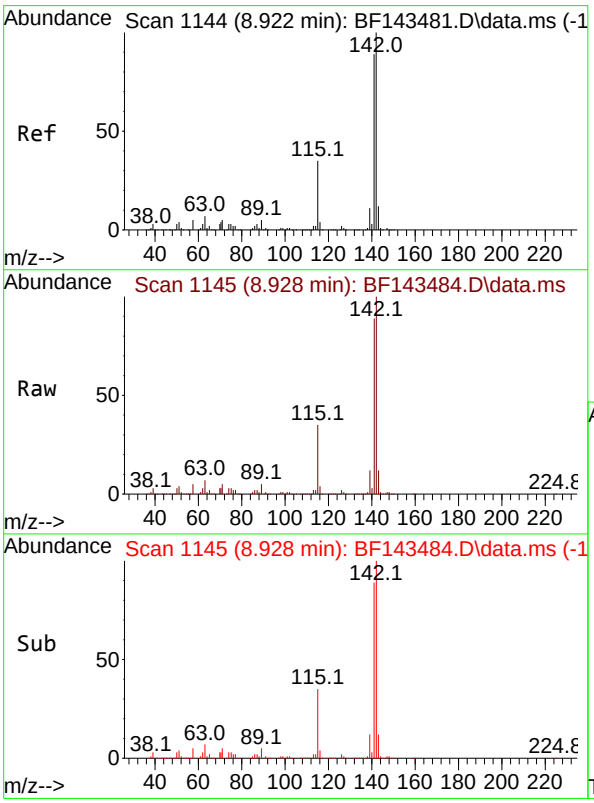
#36
4-Chloro-3-methylphenol
Concen: 74.756 ng
RT: 8.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

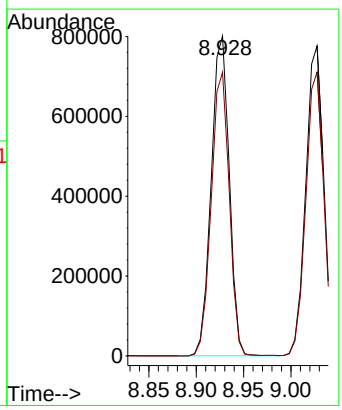


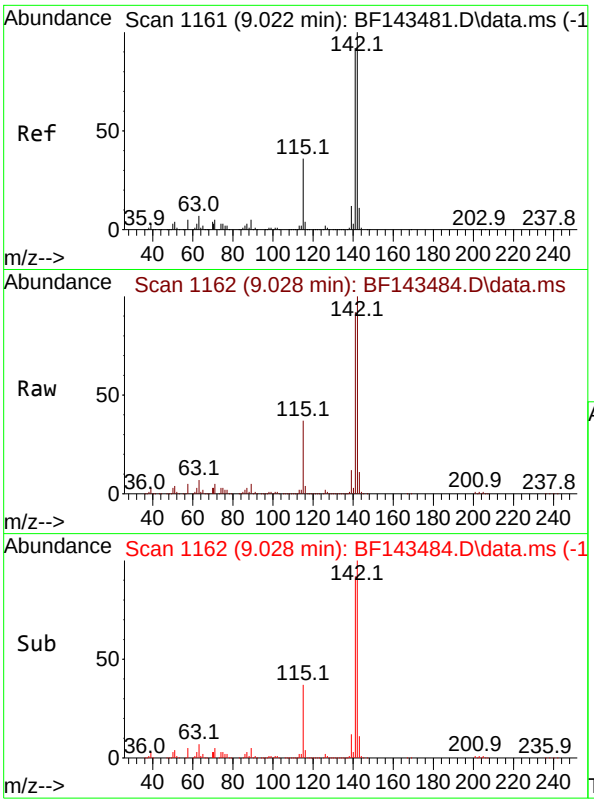


#37
2-Methylnaphthalene
Concen: 70.116 ng
RT: 8.928 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Tgt Ion:142 Resp: 1059150

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.0	106.4



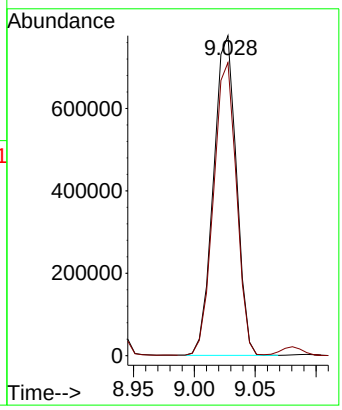


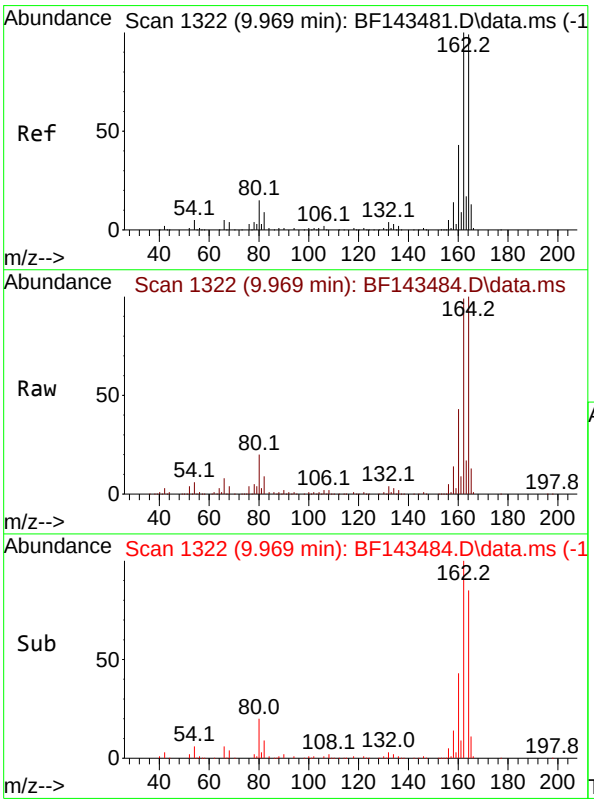
#38
1-Methylnaphthalene
Concen: 70.472 ng
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 1018285

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.3	109.9

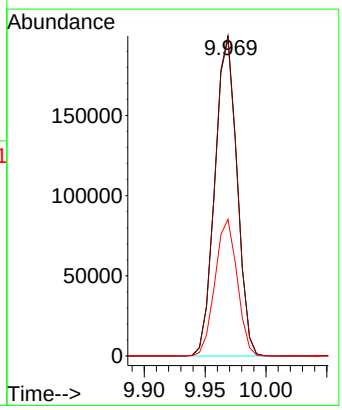


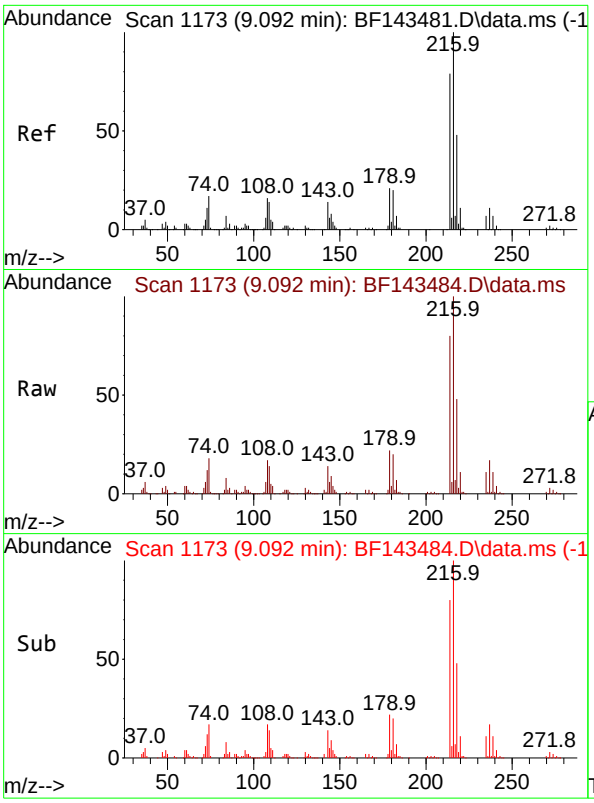


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



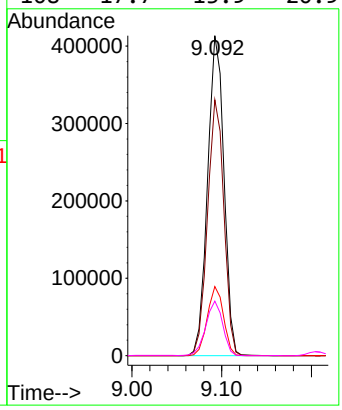


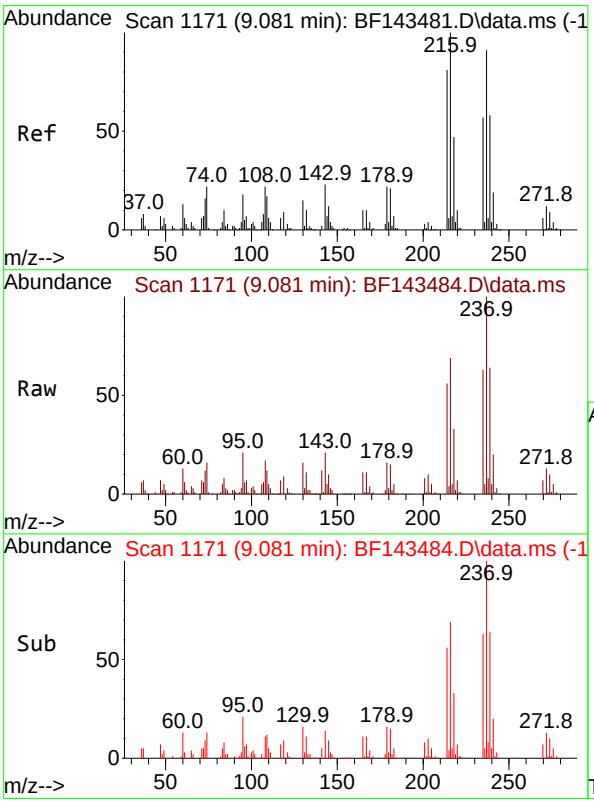
#40
1,2,4,5-Tetrachlorobenzene
Concen: 72.341 ng
RT: 9.092 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

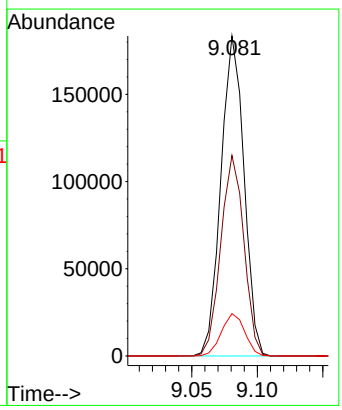


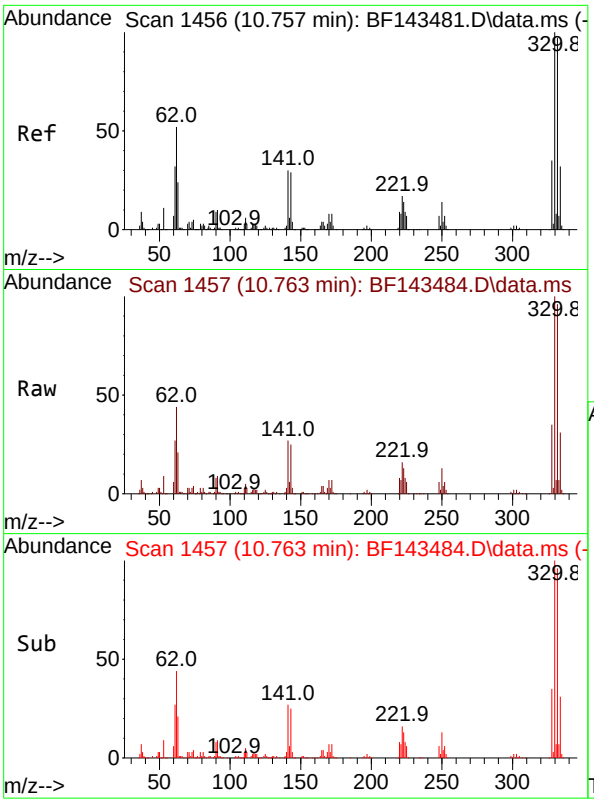


#41
Hexachlorocyclopentadiene
Concen: 79.823 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



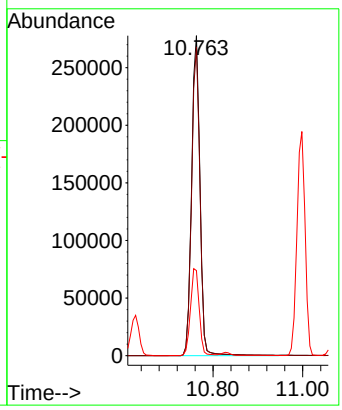


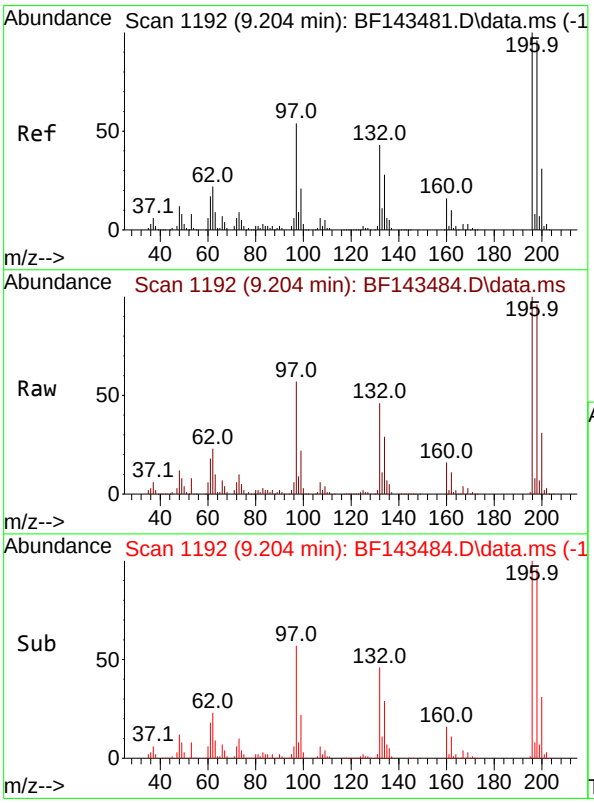
#42
2,4,6-Tribromophenol
Concen: 152.274 ng
RT: 10.763 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

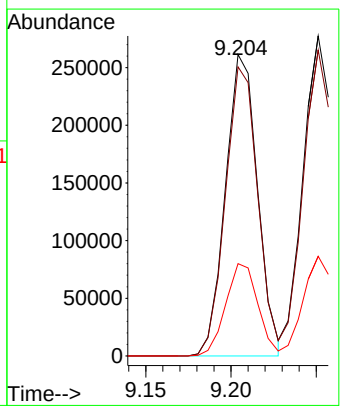


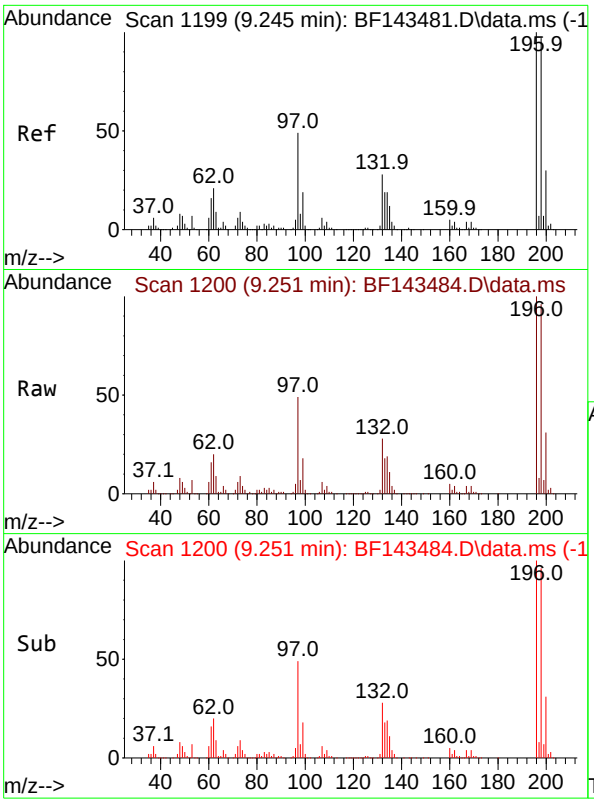


#43
2,4,6-Trichlorophenol
Concen: 76.993 ng
RT: 9.204 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



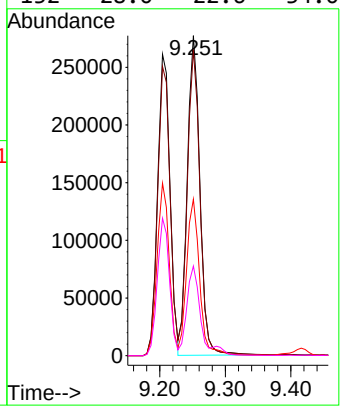


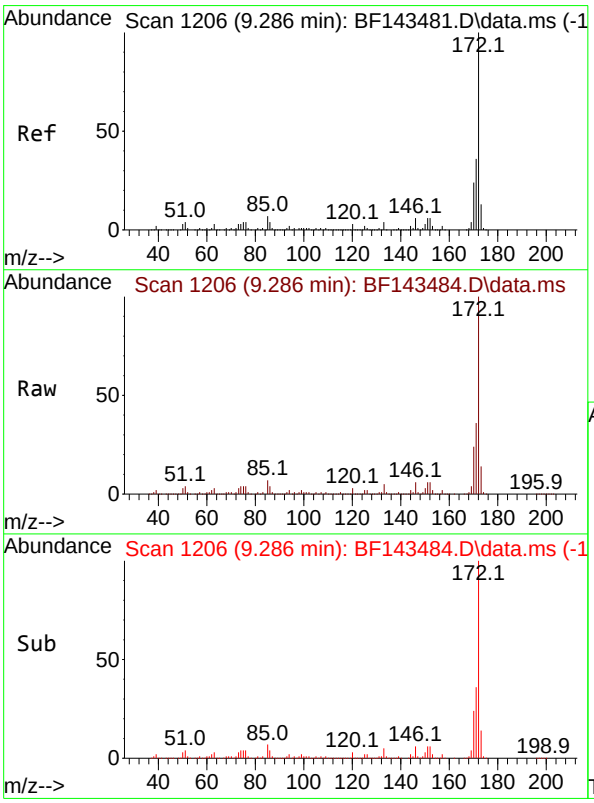
#44
2,4,5-Trichlorophenol
Concen: 75.999 ng
RT: 9.251 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

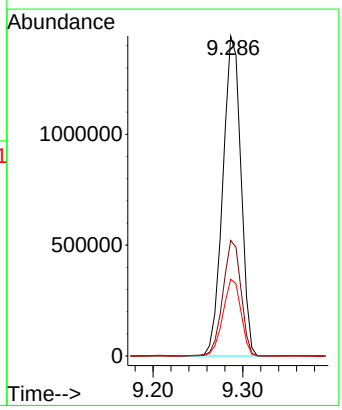


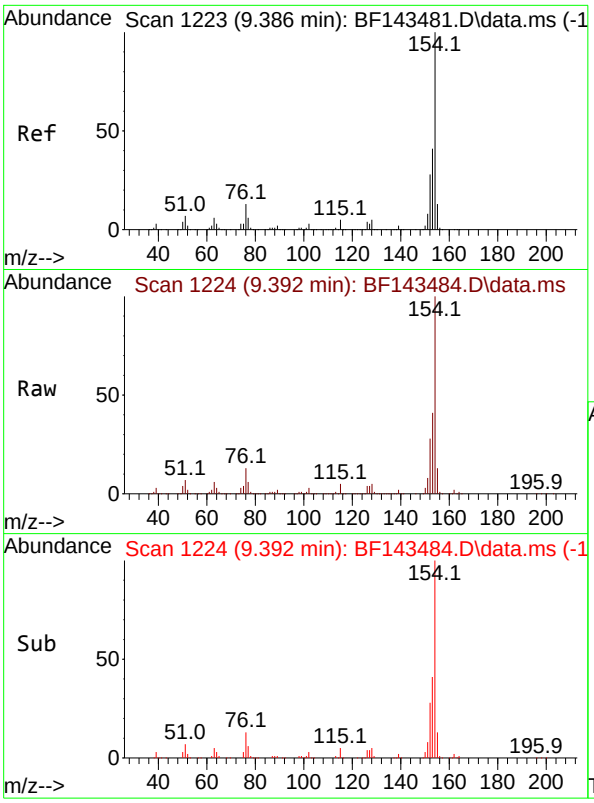


#45
2-Fluorobiphenyl
Concen: 132.140 ng
RT: 9.286 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



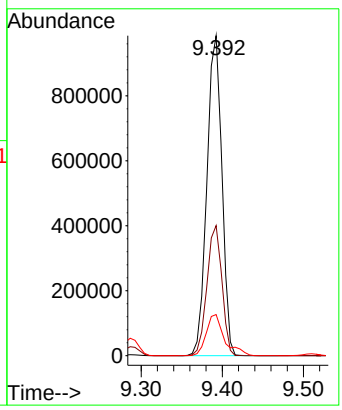


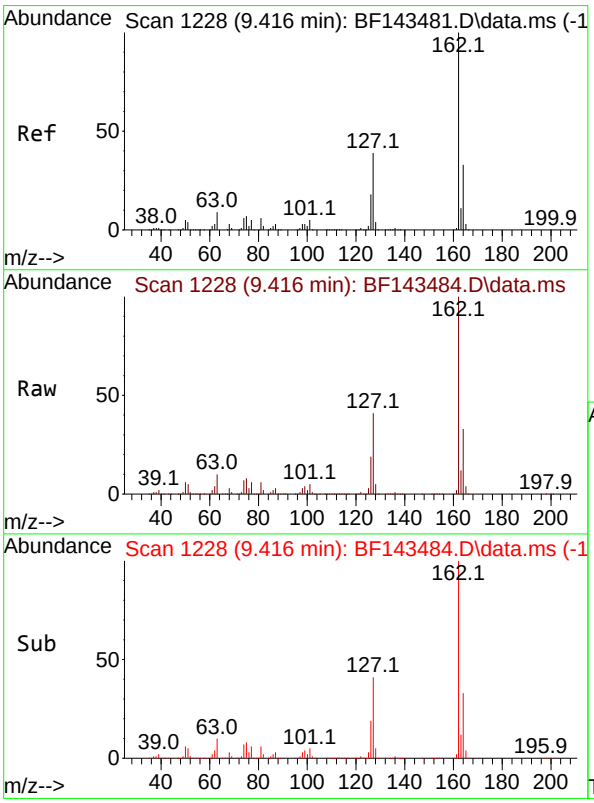
#46
1,1'-Biphenyl
Concen: 70.278 ng
RT: 9.392 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

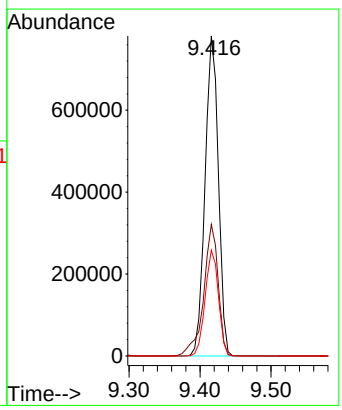


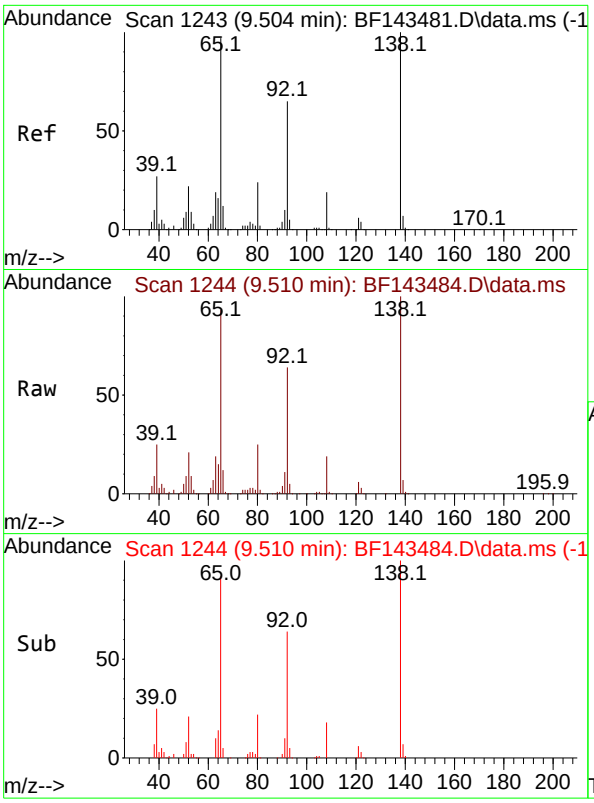


#47
2-Chloronaphthalene
Concen: 72.427 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



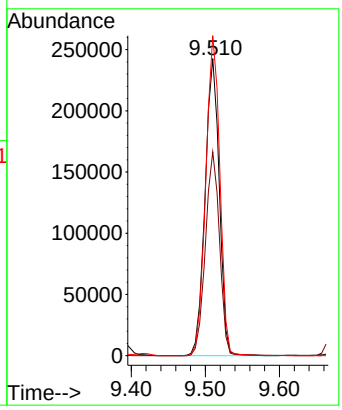


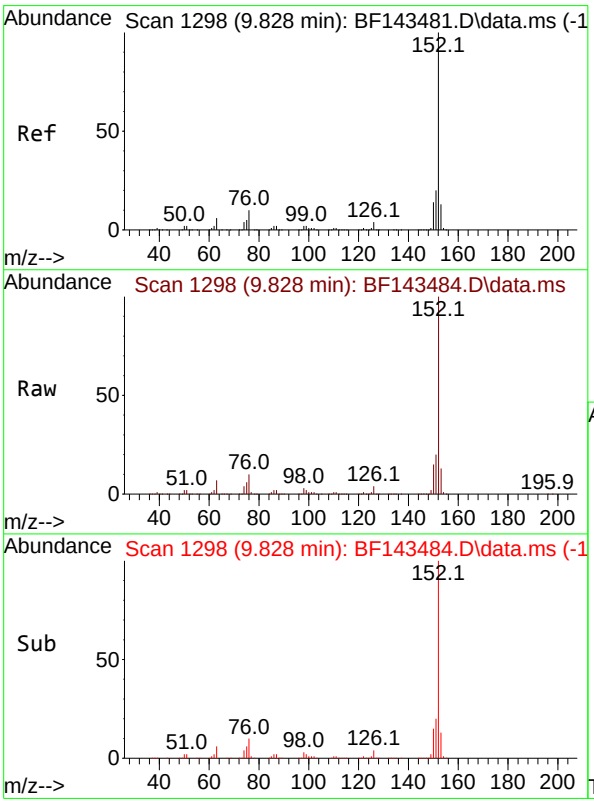
#48
2-Nitroaniline
Concen: 78.529 ng
RT: 9.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

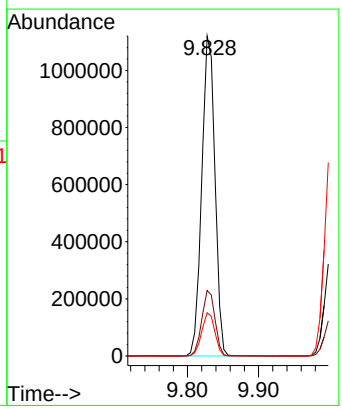


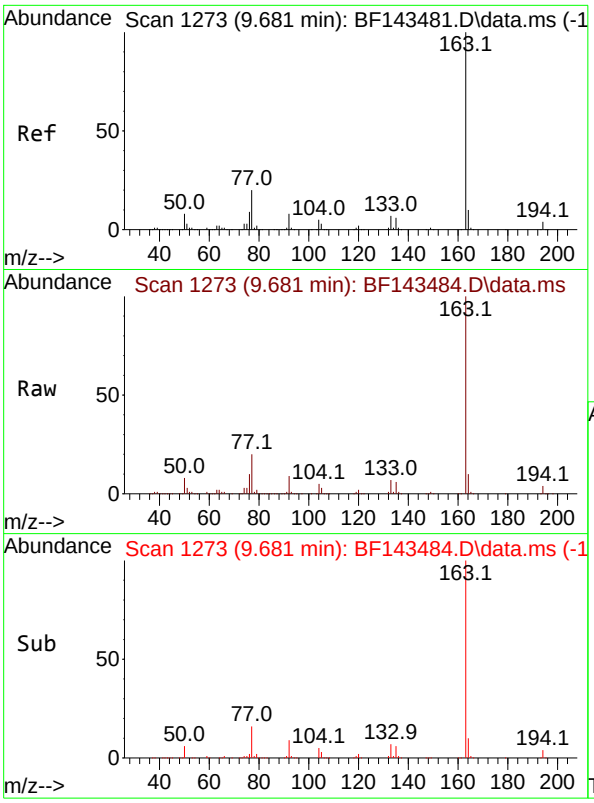


#49
Acenaphthylene
Concen: 72.067 ng
RT: 9.828 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



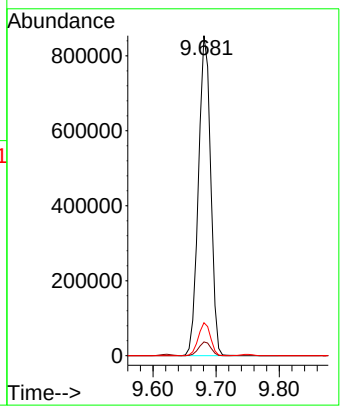


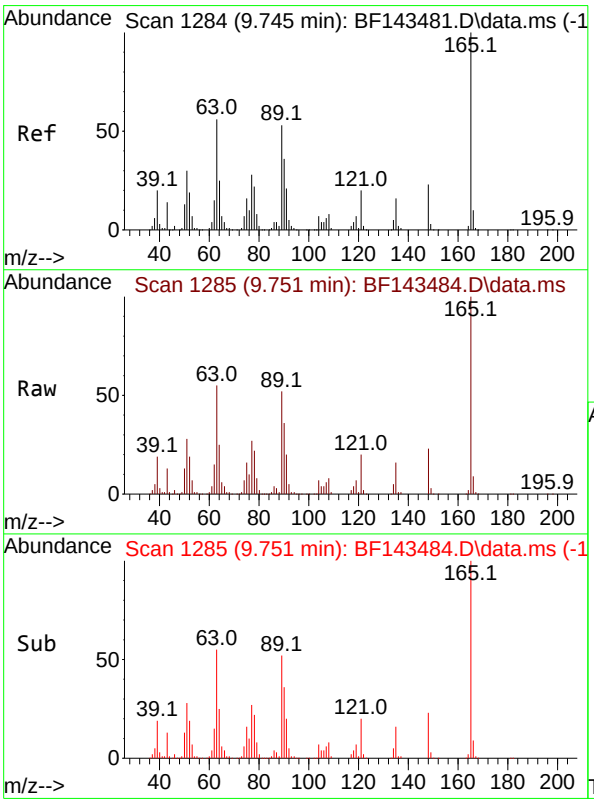
#50
Dimethylphthalate
Concen: 75.267 ng
RT: 9.681 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

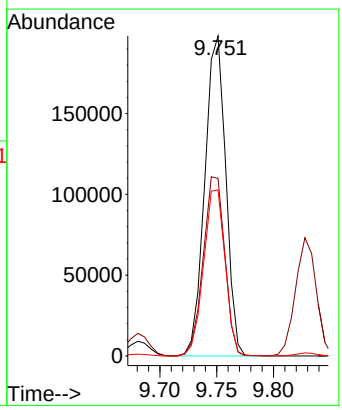


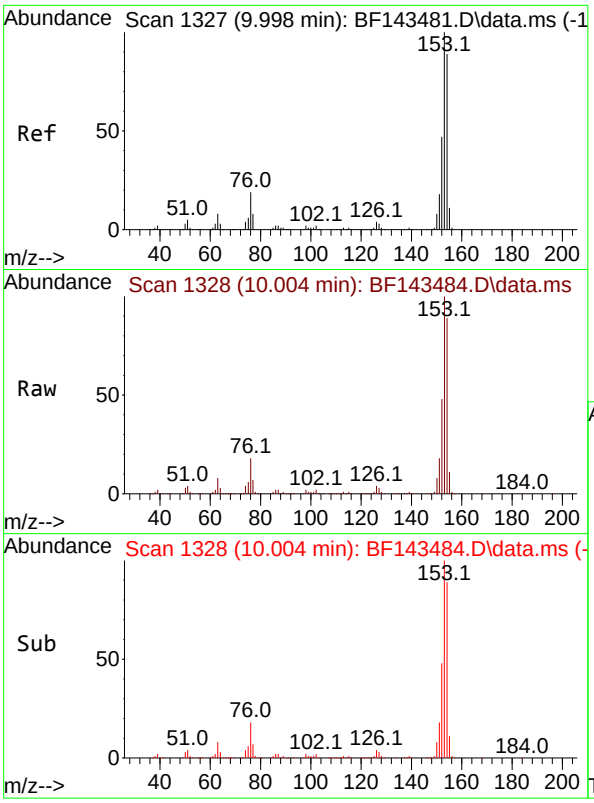


#51
2,6-Dinitrotoluene
Concen: 80.559 ng
RT: 9.751 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



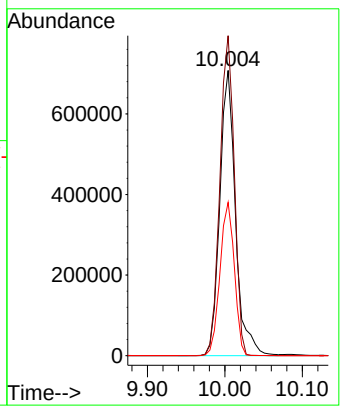


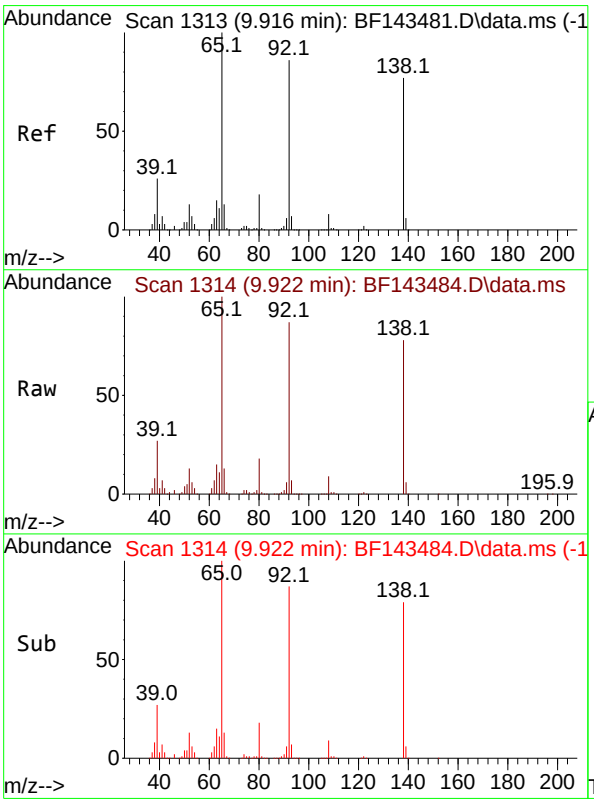
#52
Acenaphthene
Concen: 72.761 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

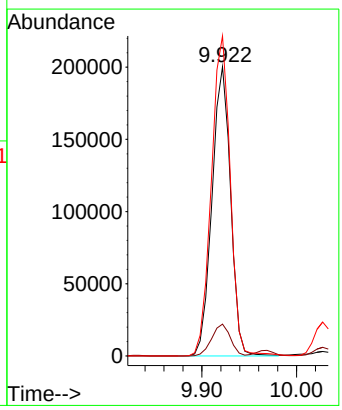


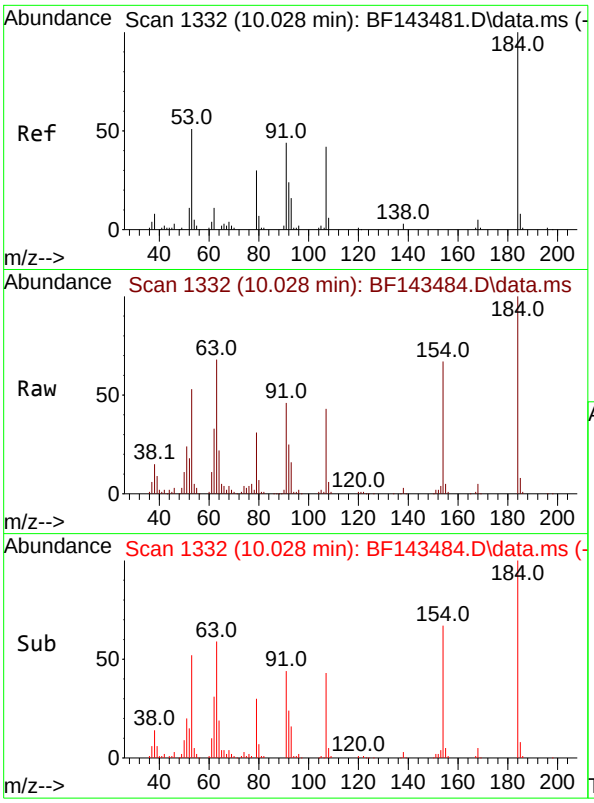


#53
3-Nitroaniline
Concen: 79.912 ng
RT: 9.922 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



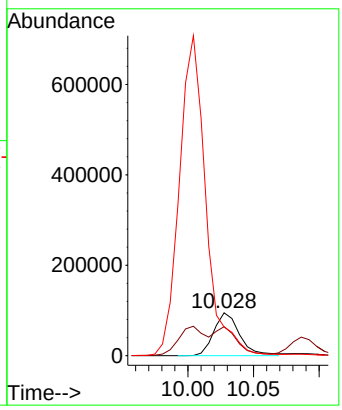


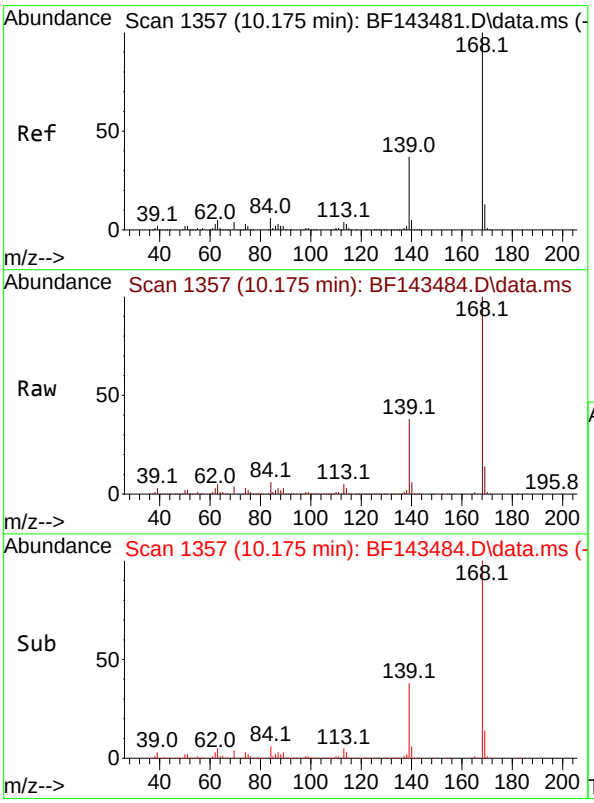
#54
2,4-Dinitrophenol
Concen: 77.416 ng
RT: 10.028 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

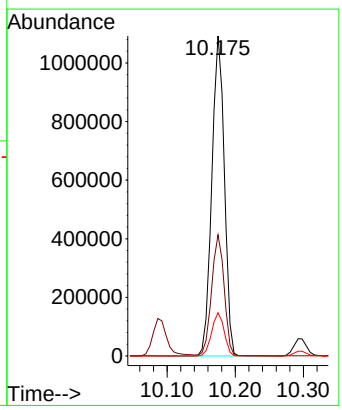


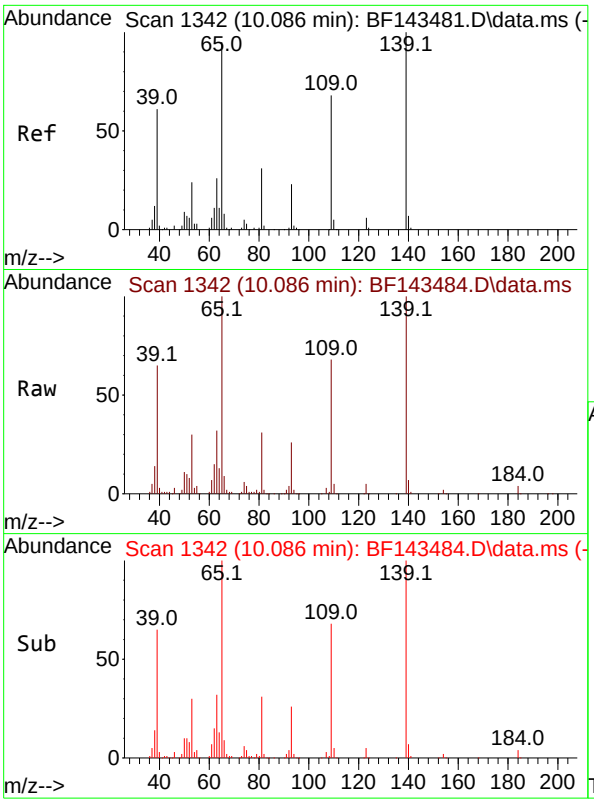


#55
Dibenzofuran
Concen: 71.547 ng
RT: 10.175 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



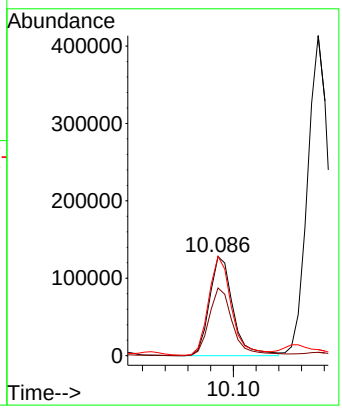


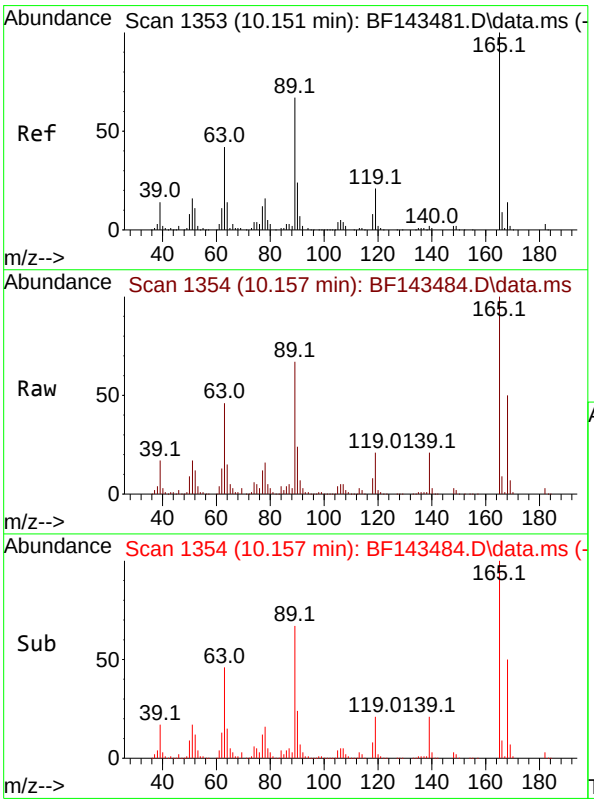
#56
4-Nitrophenol
Concen: 90.356 ng
RT: 10.086 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

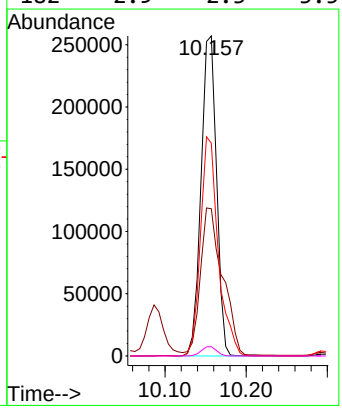


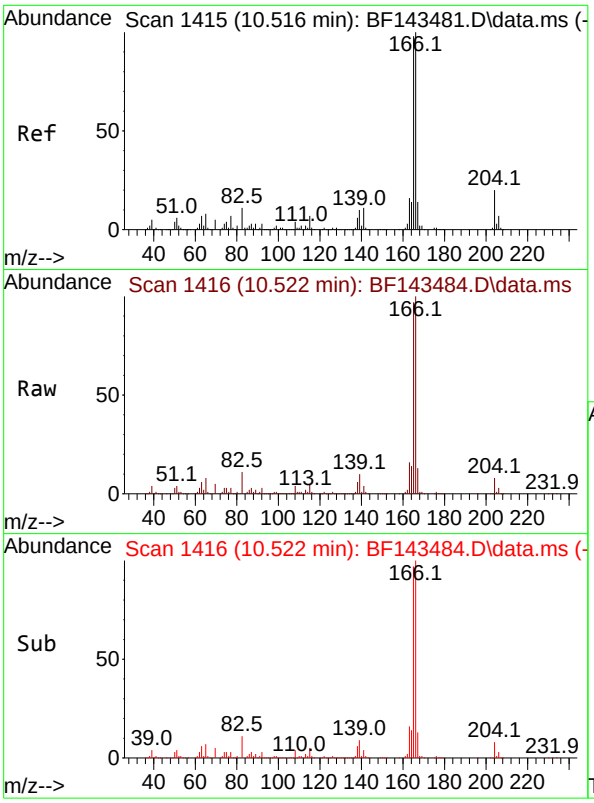


#57
2,4-Dinitrotoluene
Concen: 80.619 ng
RT: 10.157 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



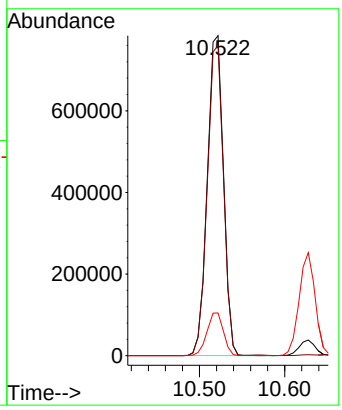


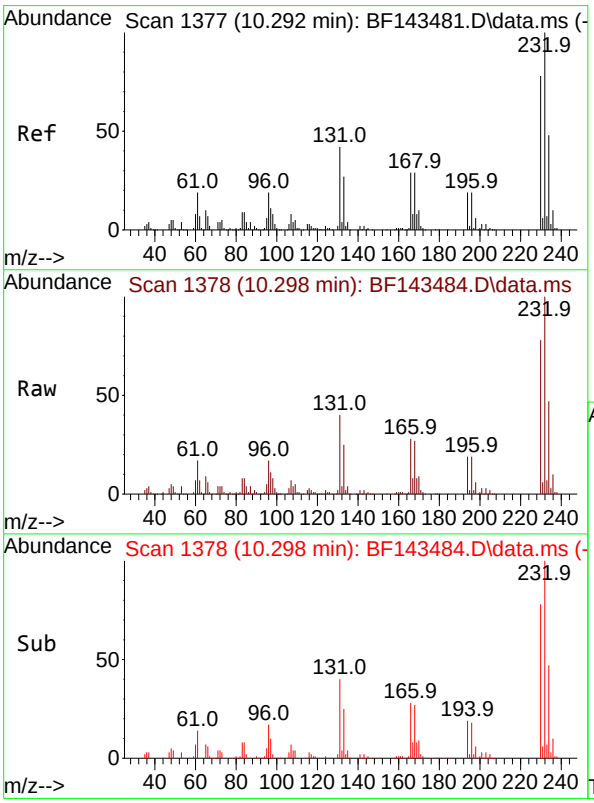
#58
Fluorene
Concen: 68.995 ng
RT: 10.522 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

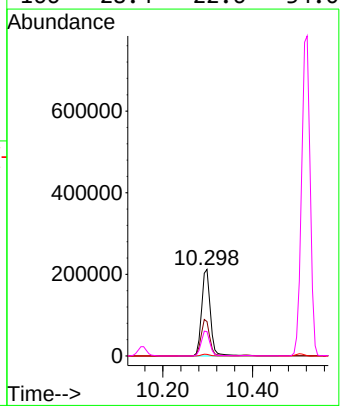


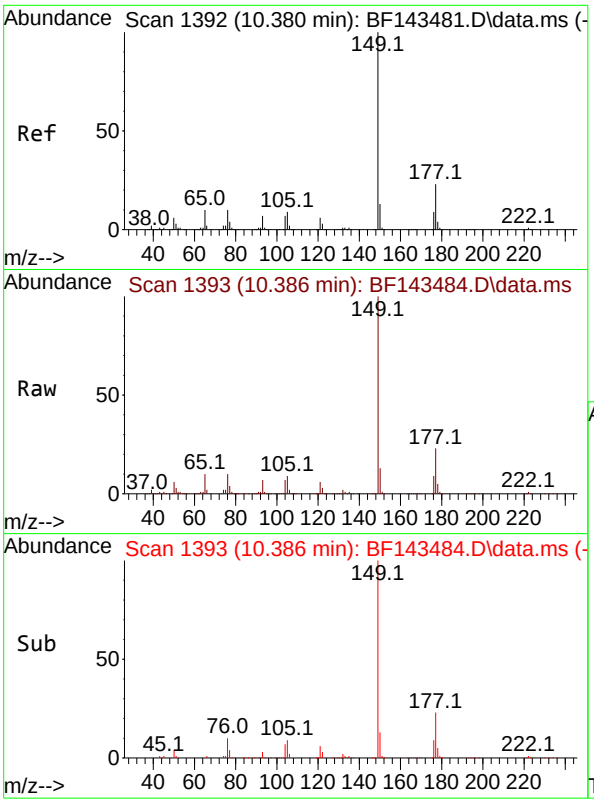


#59
2,3,4,6-Tetrachlorophenol
Concen: 80.607 ng
RT: 10.298 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



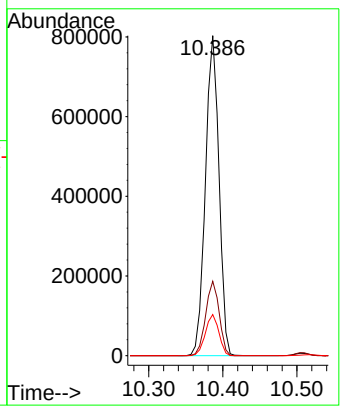


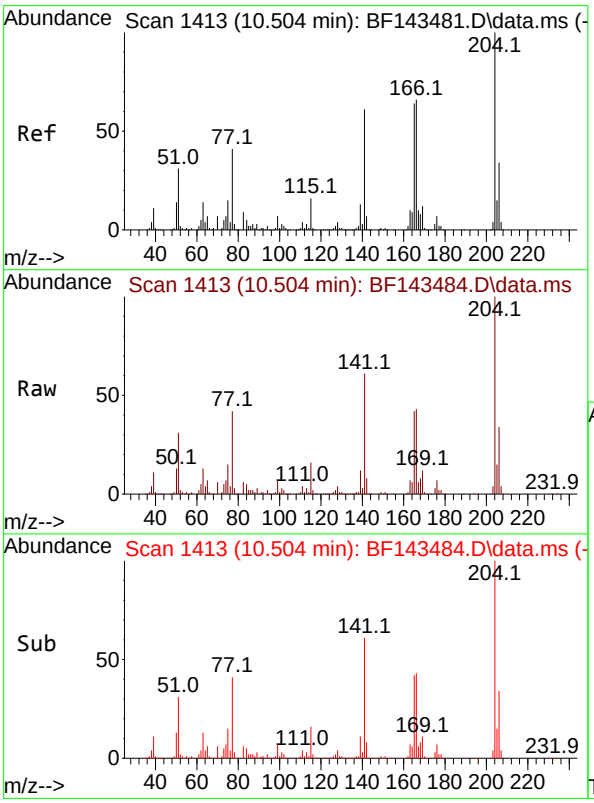
#60
Diethylphthalate
Concen: 74.653 ng
RT: 10.386 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

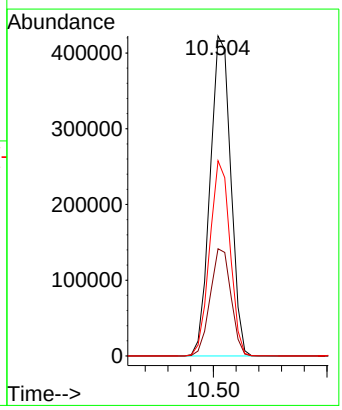


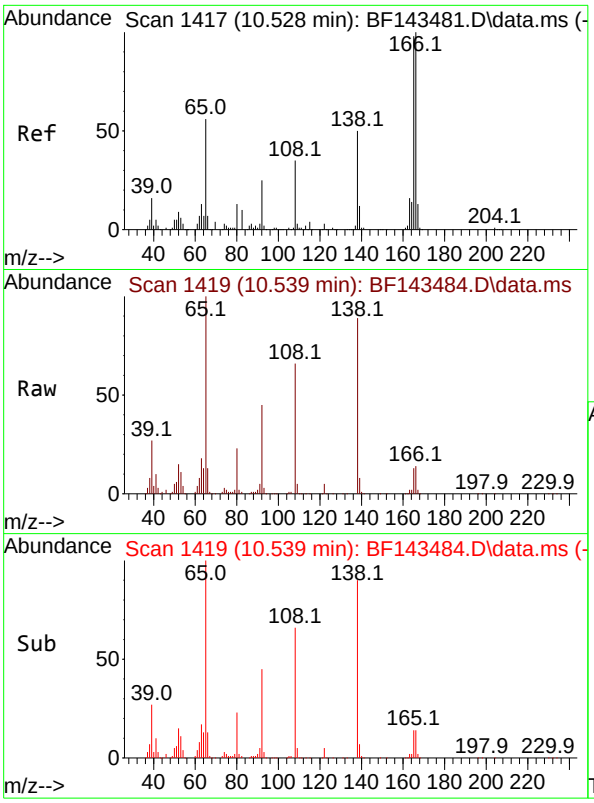


#61
4-Chlorophenyl-phenylether
Concen: 70.930 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



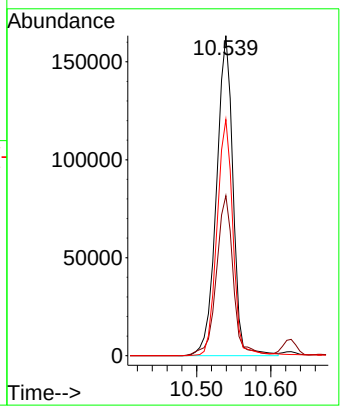


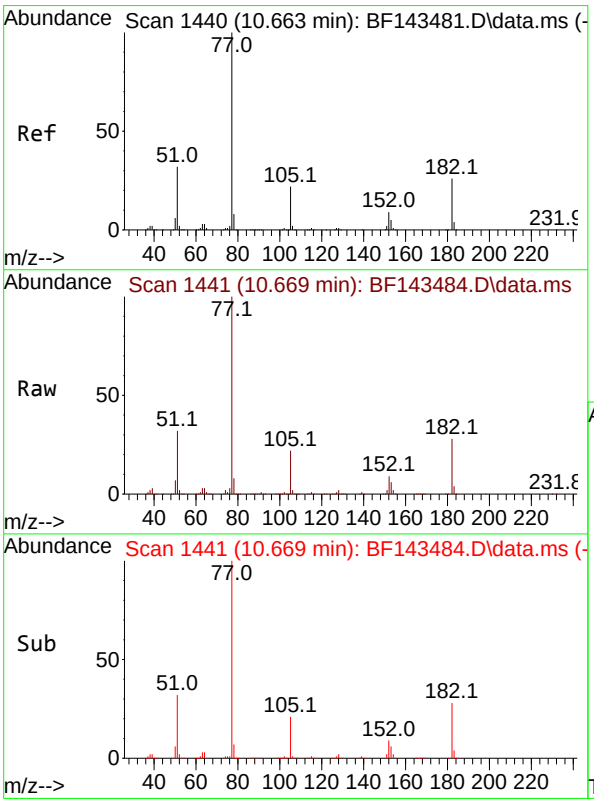
#62
4-Nitroaniline
Concen: 80.815 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

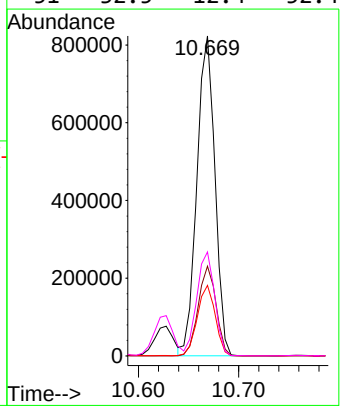


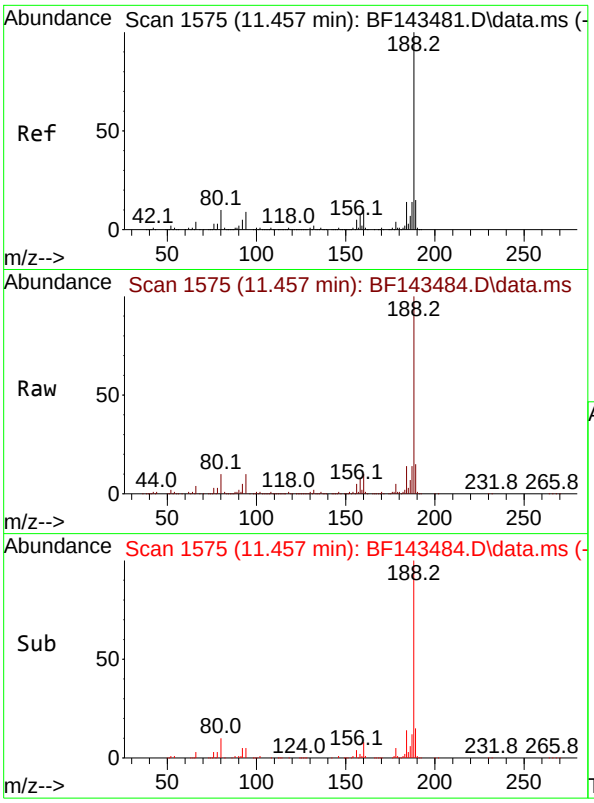


#63
Azobenzene
Concen: 72.699 ng
RT: 10.669 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



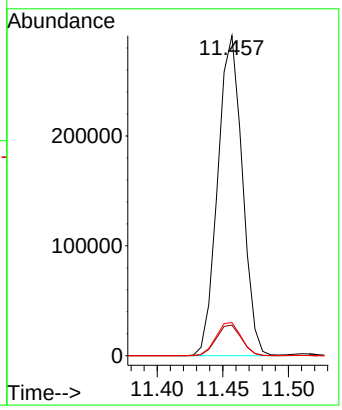


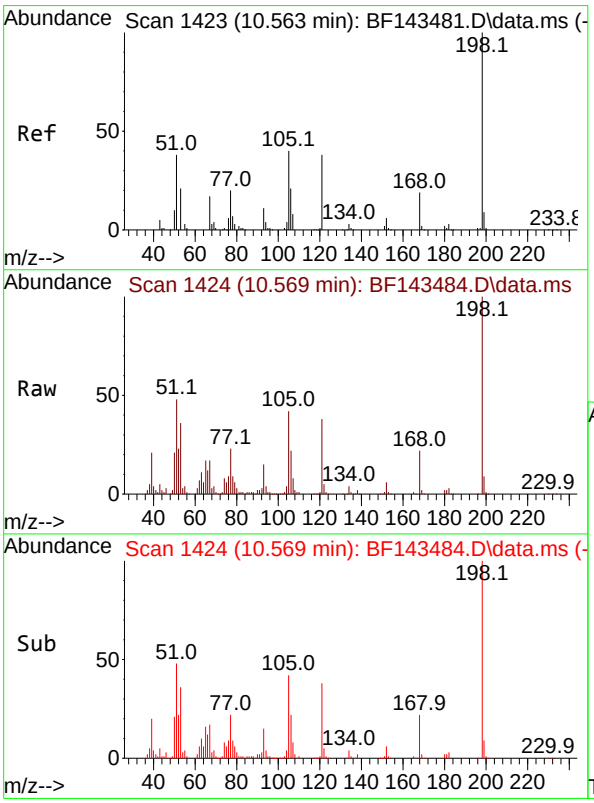
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

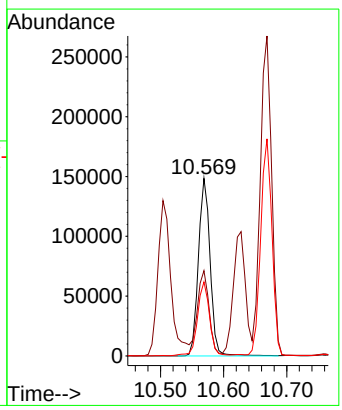


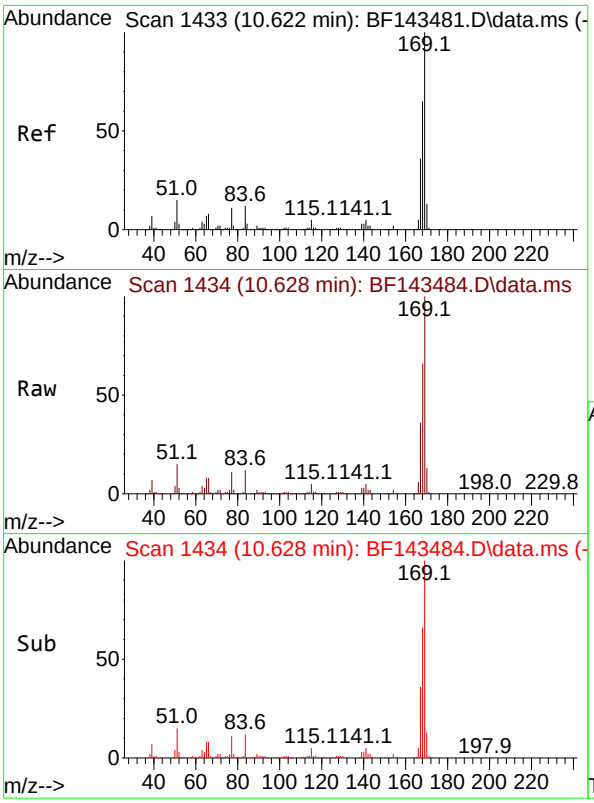


#65
4,6-Dinitro-2-methylphenol
Concen: 89.041 ng
RT: 10.569 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



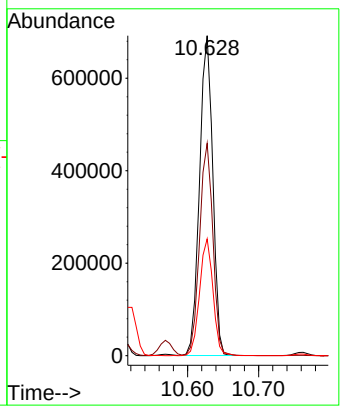


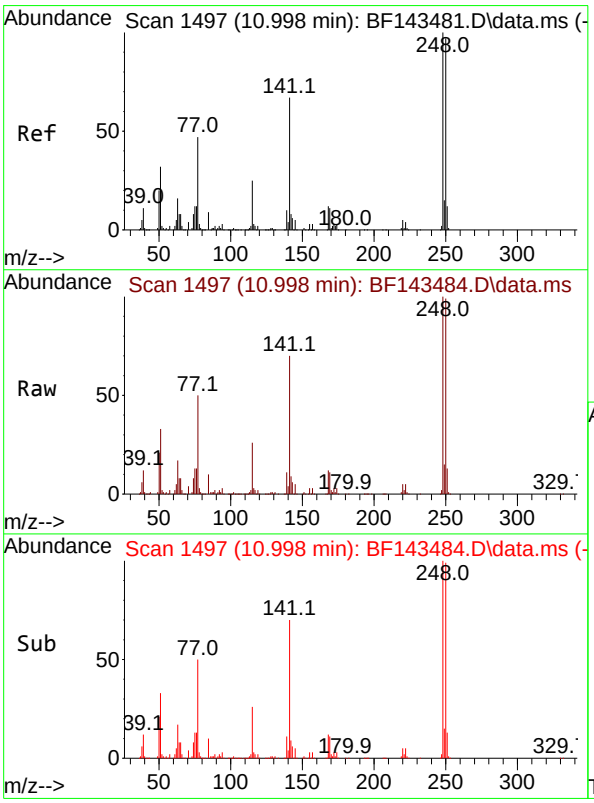
#66
n-Nitrosodiphenylamine
Concen: 73.307 ng
RT: 10.628 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

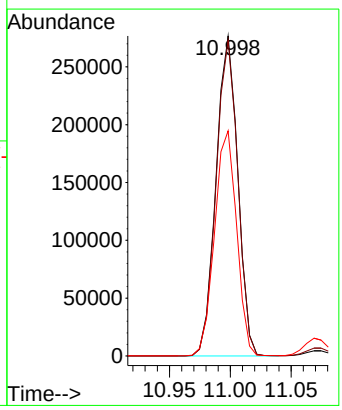


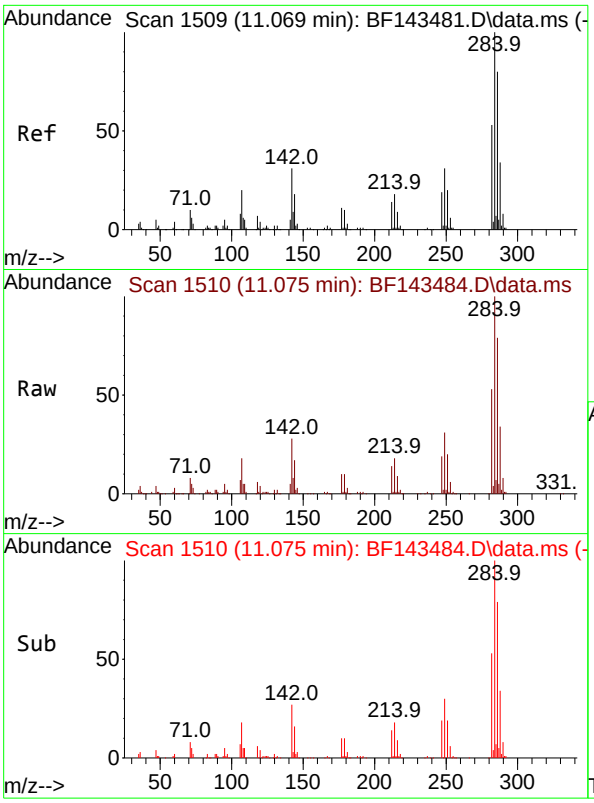


#67
4-Bromophenyl-phenylether
Concen: 75.979 ng
RT: 10.998 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



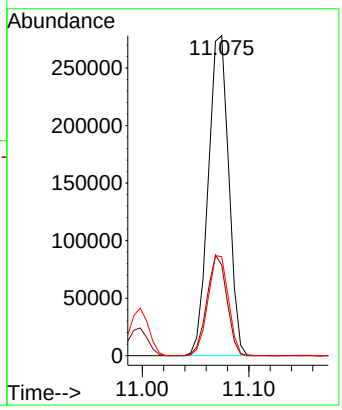


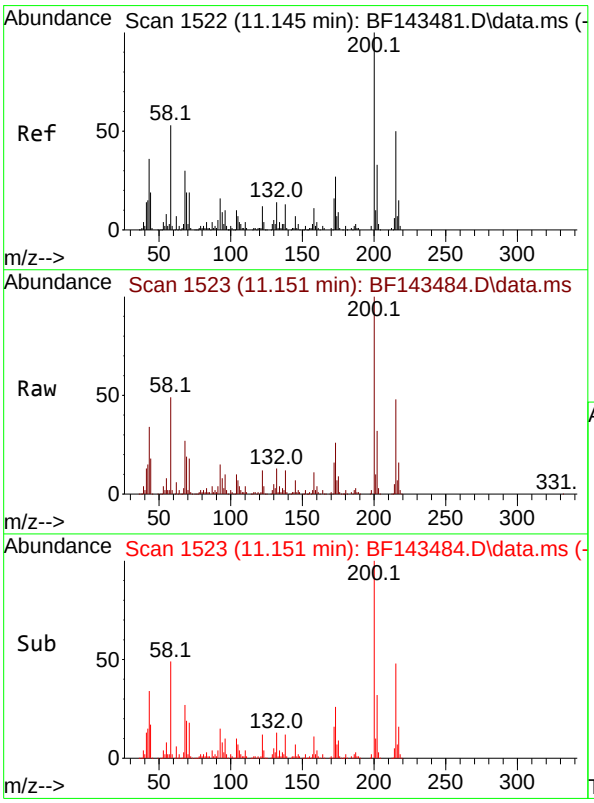
#68
Hexachlorobenzene
Concen: 75.603 ng
RT: 11.075 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

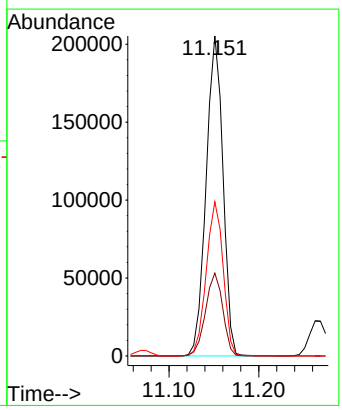


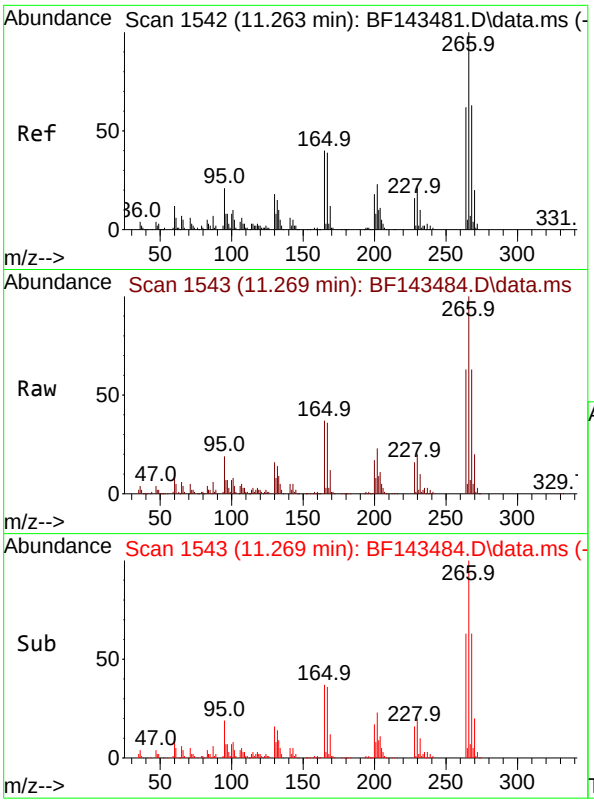


#69
Atrazine
Concen: 84.774 ng
RT: 11.151 min Scan# 1523
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



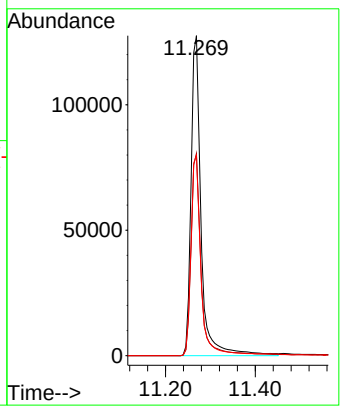


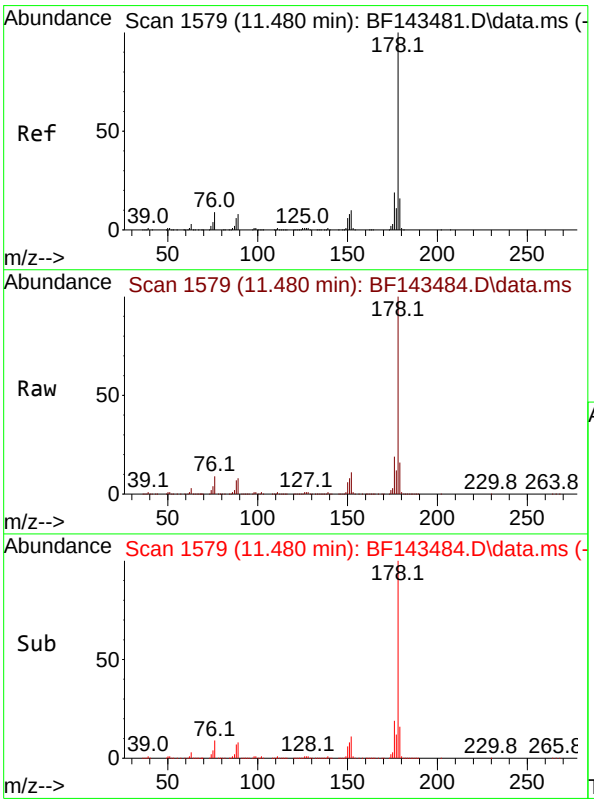
#70
Pentachlorophenol
Concen: 88.721 ng
RT: 11.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

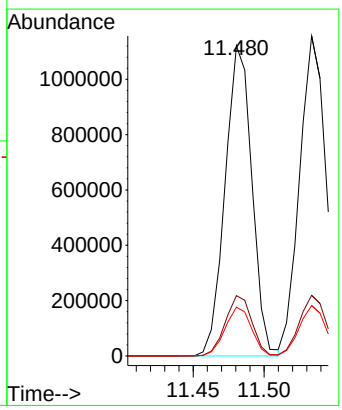


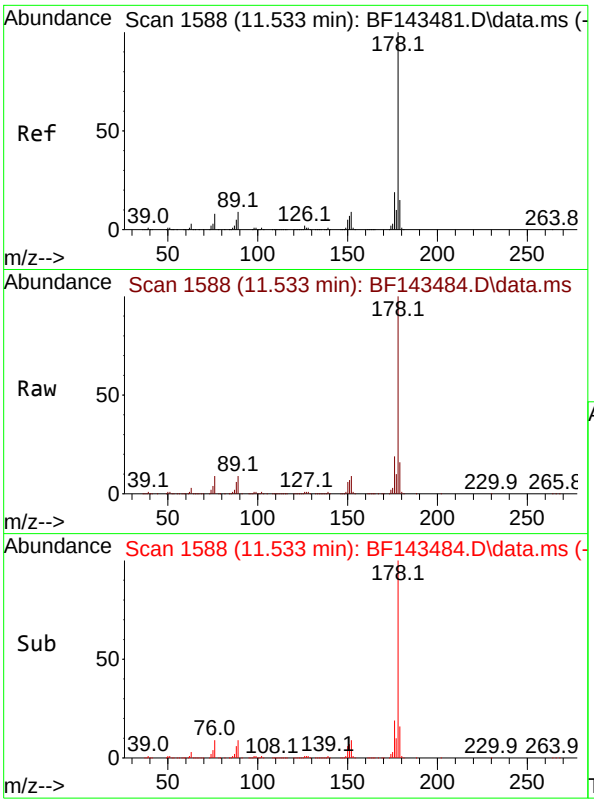


#71
Phenanthrene
Concen: 72.378 ng
RT: 11.480 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



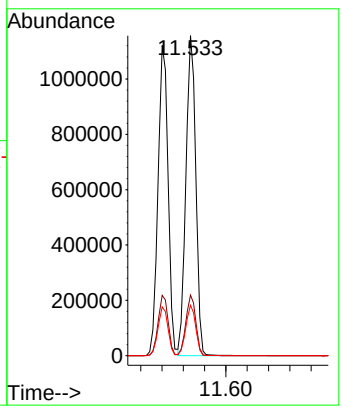


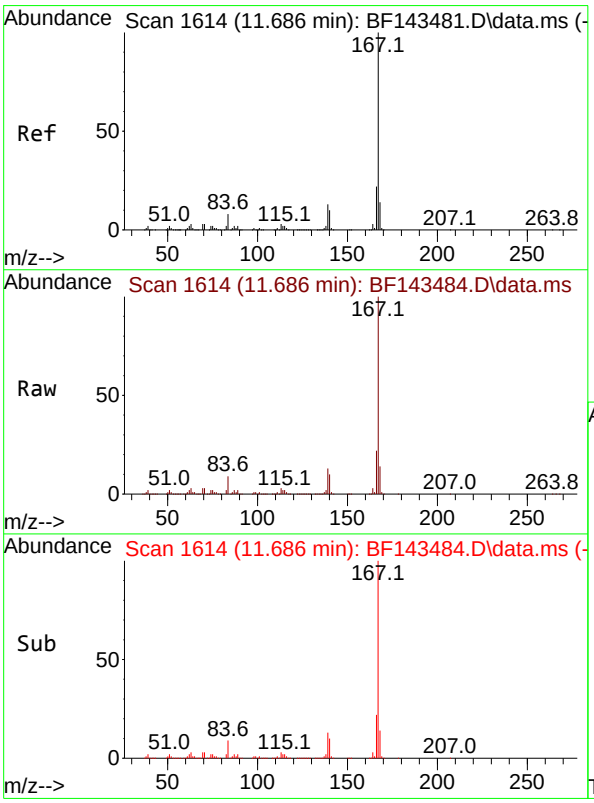
#72
Anthracene
Concen: 72.232 ng
RT: 11.533 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

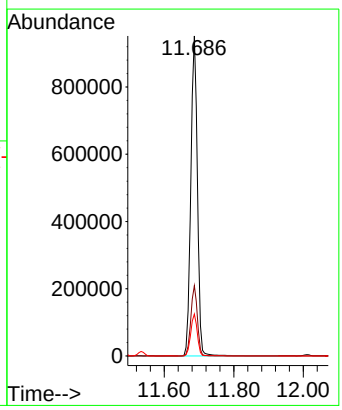


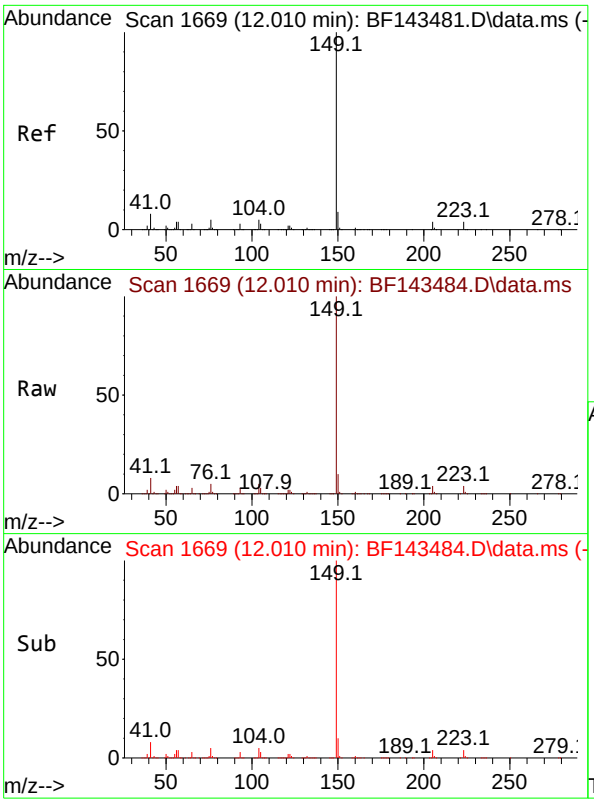


#73
Carbazole
Concen: 74.240 ng
RT: 11.686 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



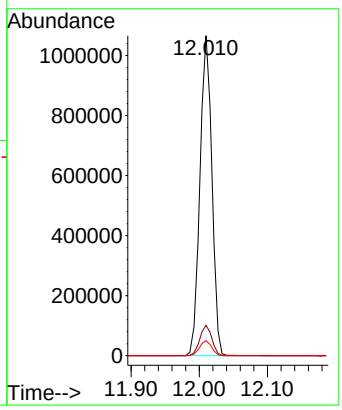


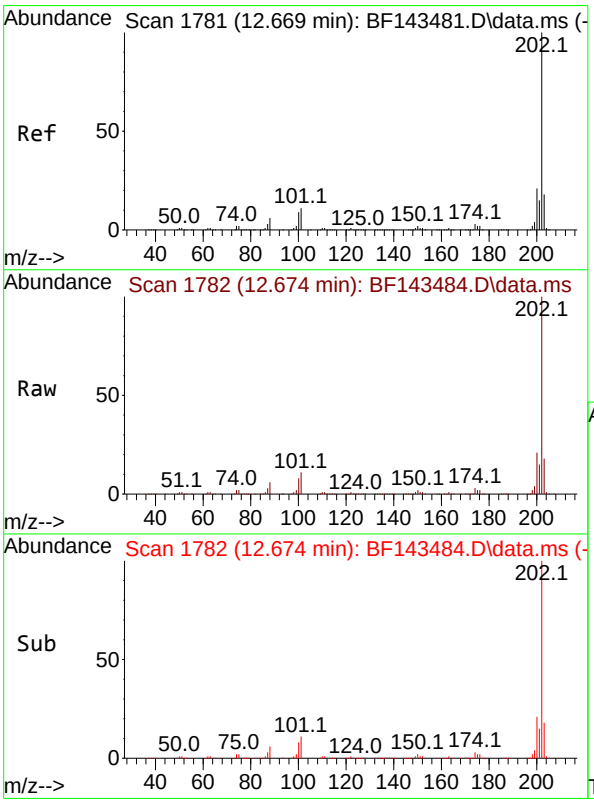
#74
Di-n-butylphthalate
Concen: 82.429 ng
RT: 12.010 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

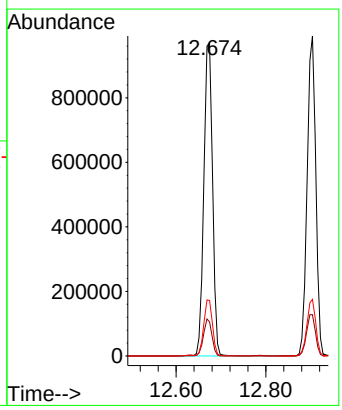


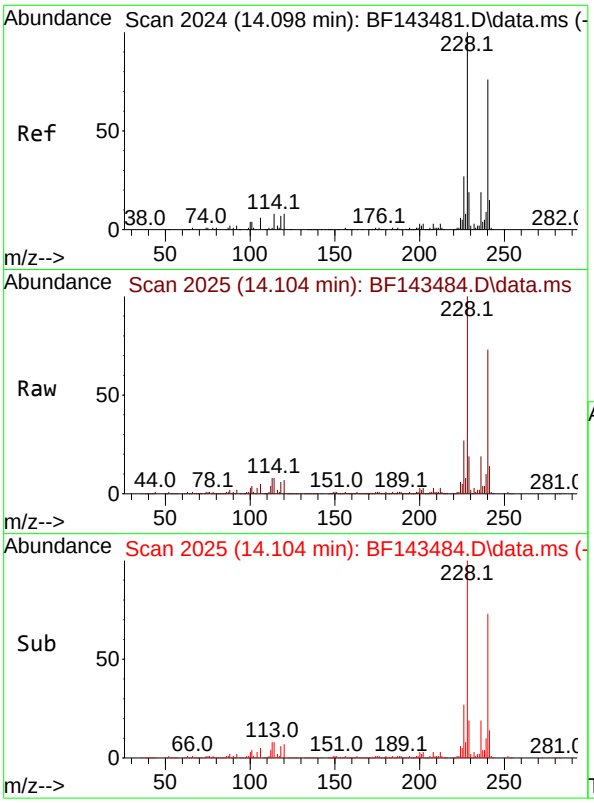


#75
Fluoranthene
Concen: 71.750 ng
RT: 12.674 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



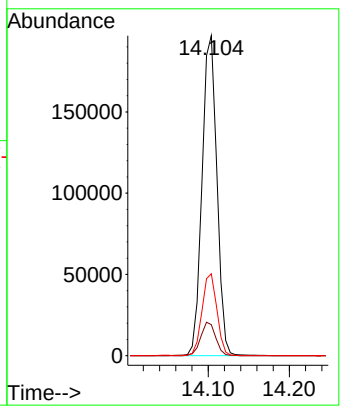


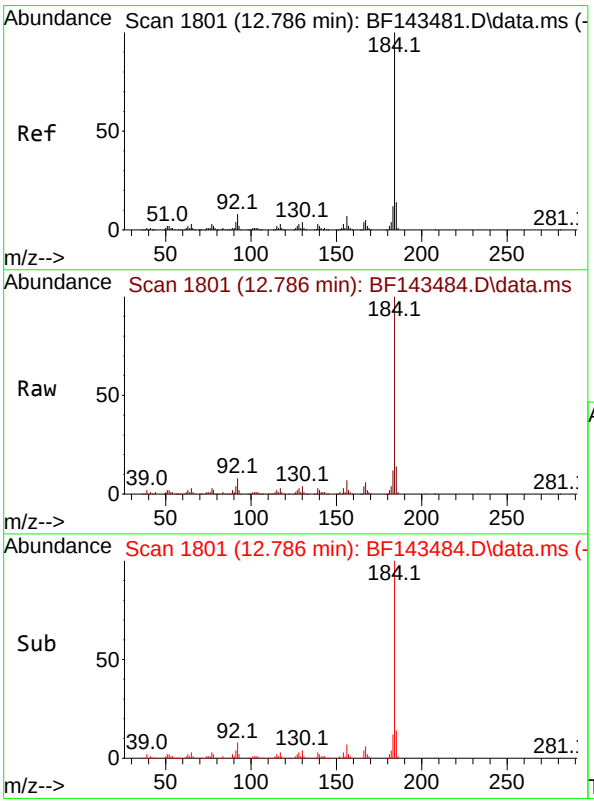
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

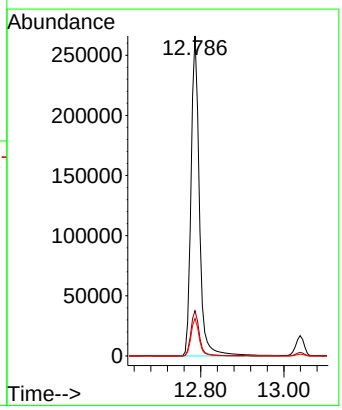


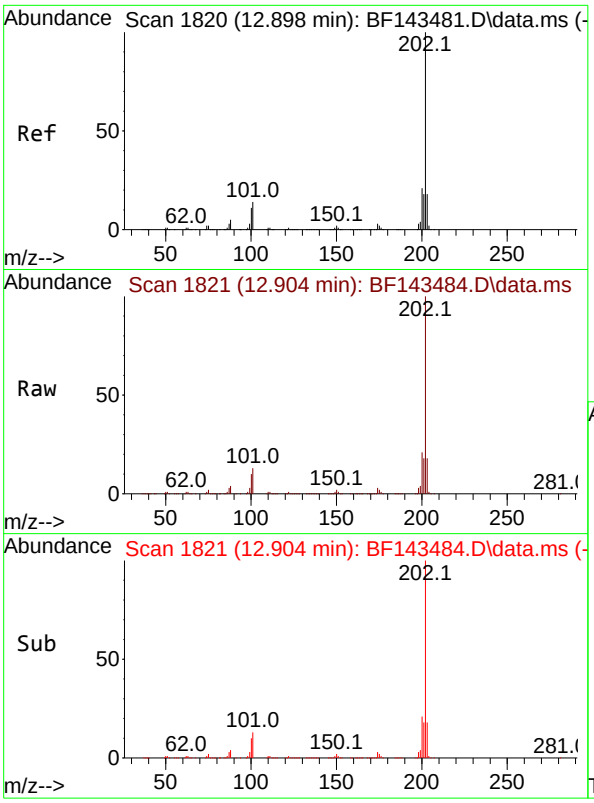


#77
Benzidine
Concen: 61.042 ng
RT: 12.786 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



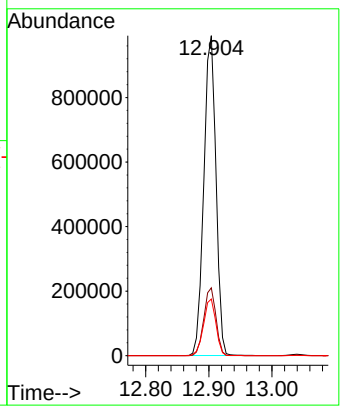


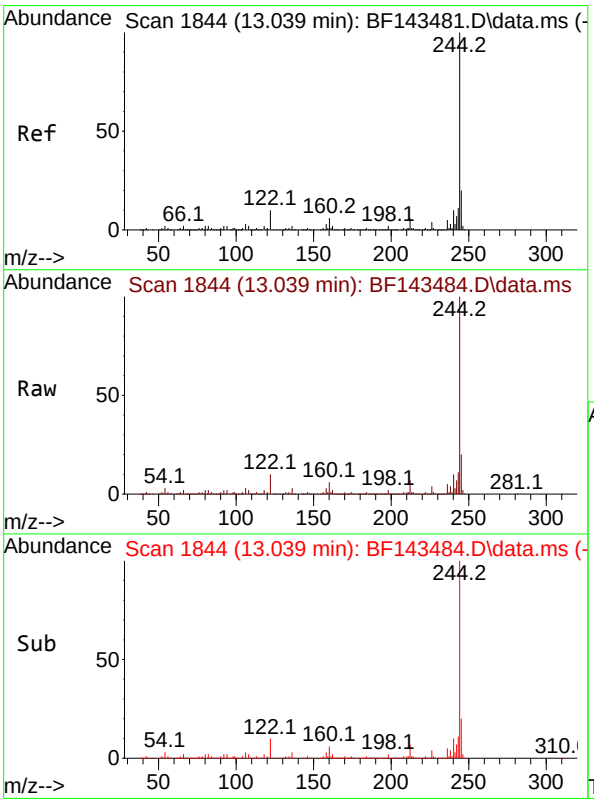
#78
Pyrene
Concen: 64.536 ng
RT: 12.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

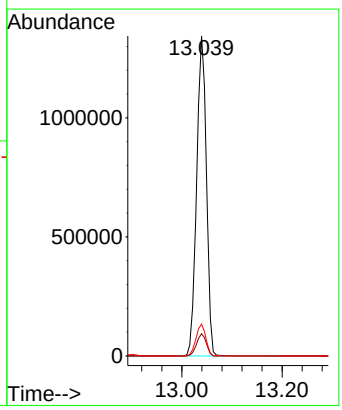


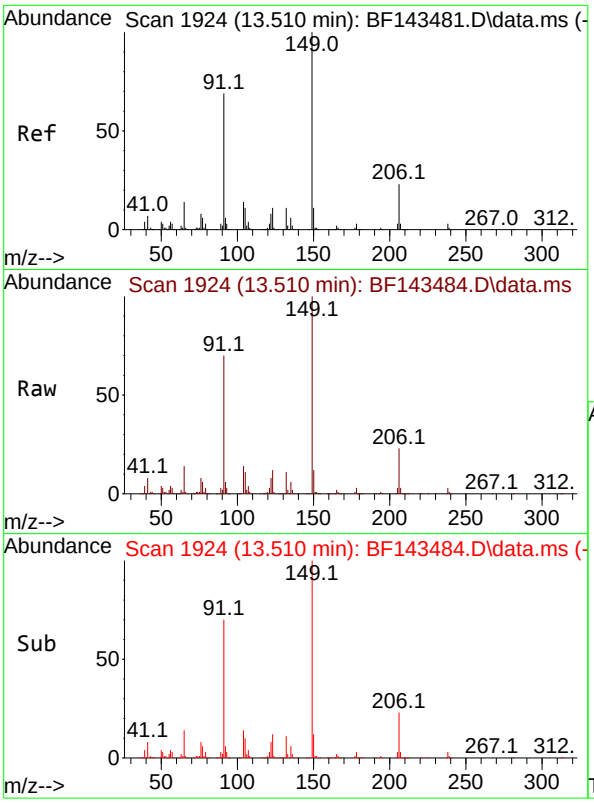


#79
Terphenyl-d14
Concen: 126.204 ng
RT: 13.039 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



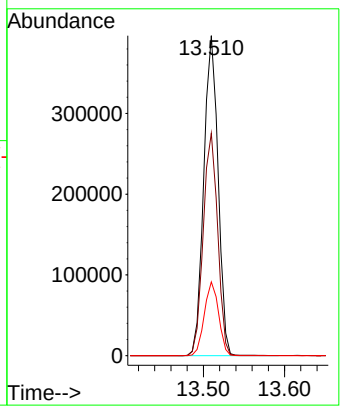


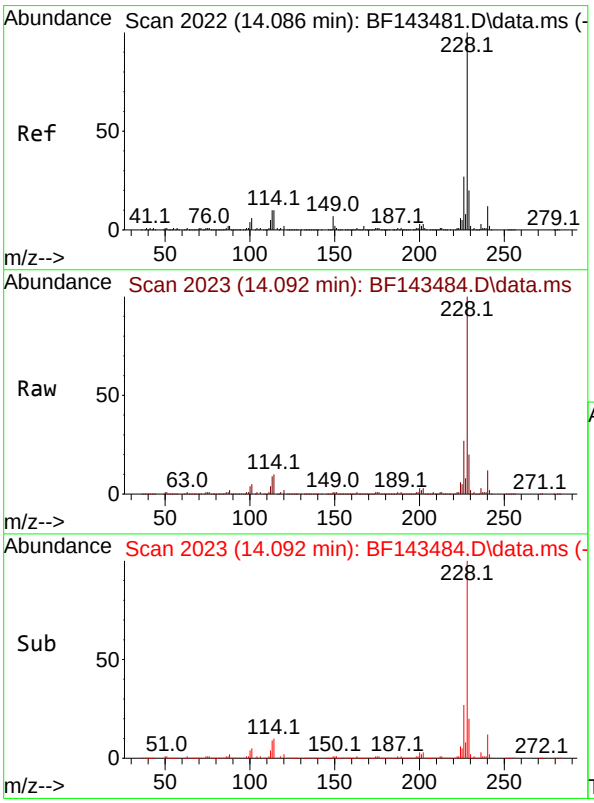
#80
Butylbenzylphthalate
Concen: 86.247 ng
RT: 13.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

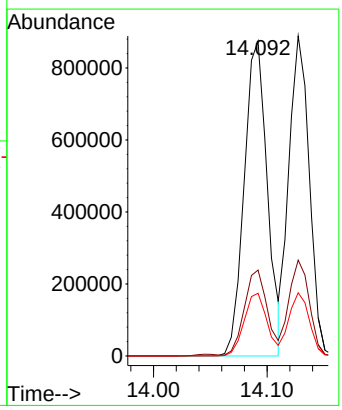


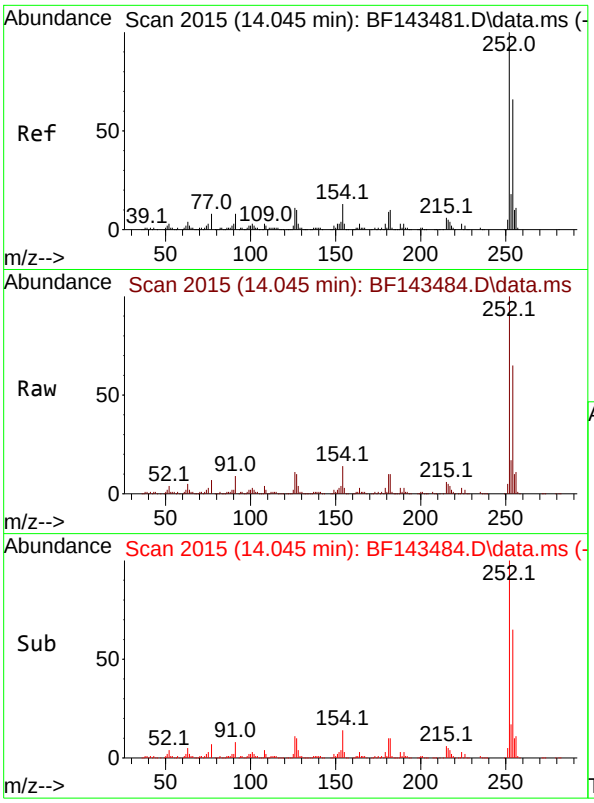


#81
Benzo(a)anthracene
Concen: 76.847 ng
RT: 14.092 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



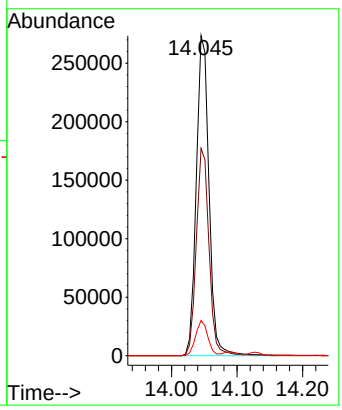


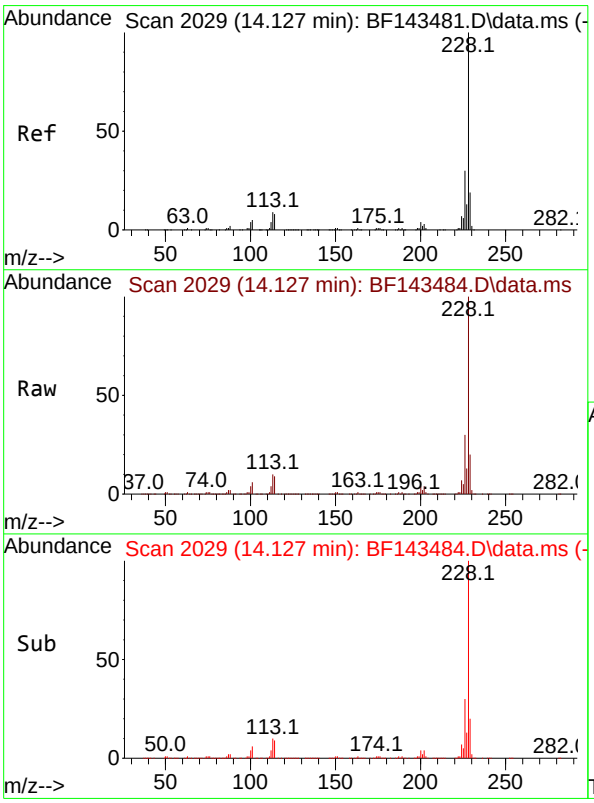
#82
3,3'-Dichlorobenzidine
Concen: 80.290 ng
RT: 14.045 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

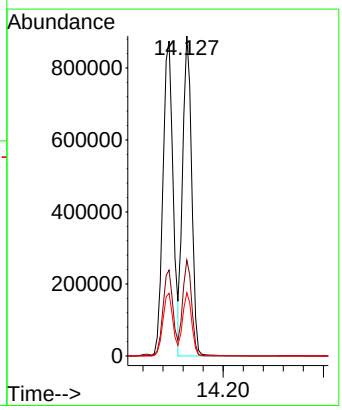


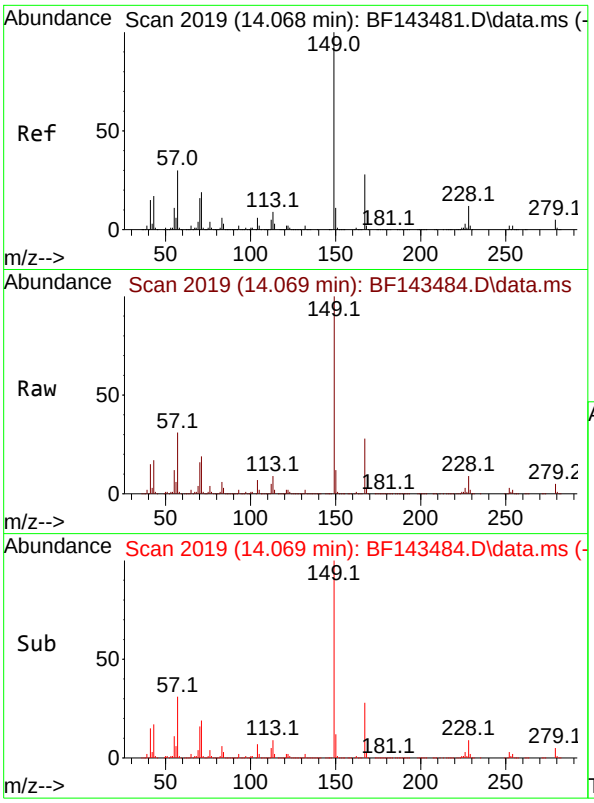


#83
Chrysene
Concen: 77.031 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



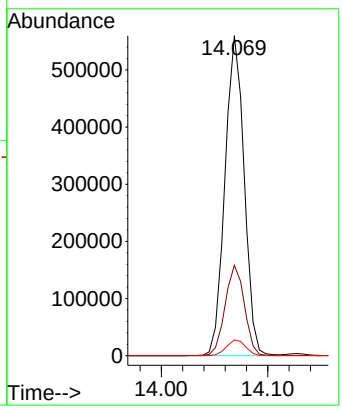


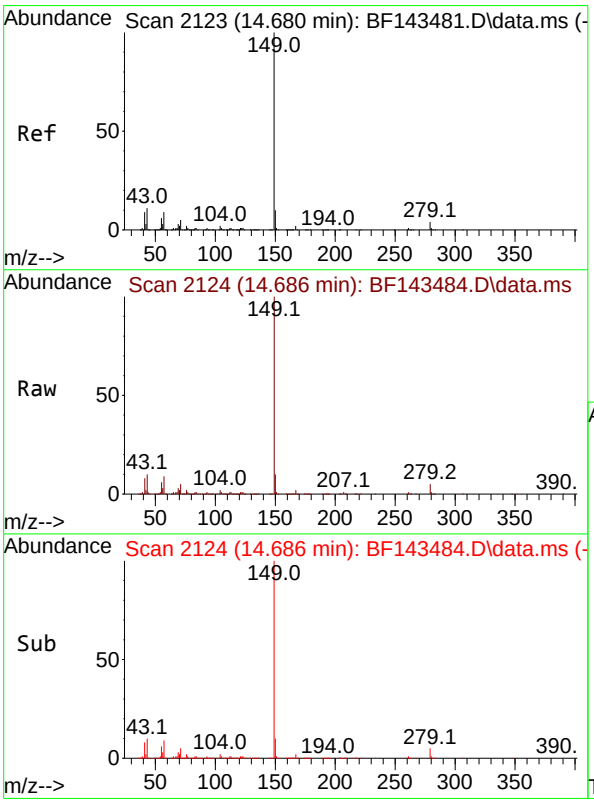
#84
Bis(2-ethylhexyl)phthalate
Concen: 81.836 ng
RT: 14.069 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

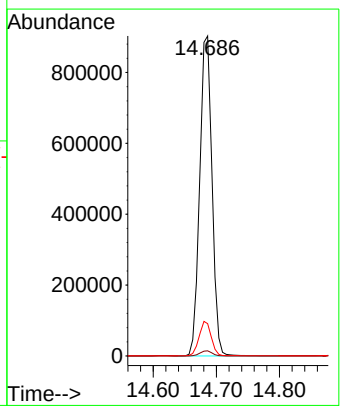


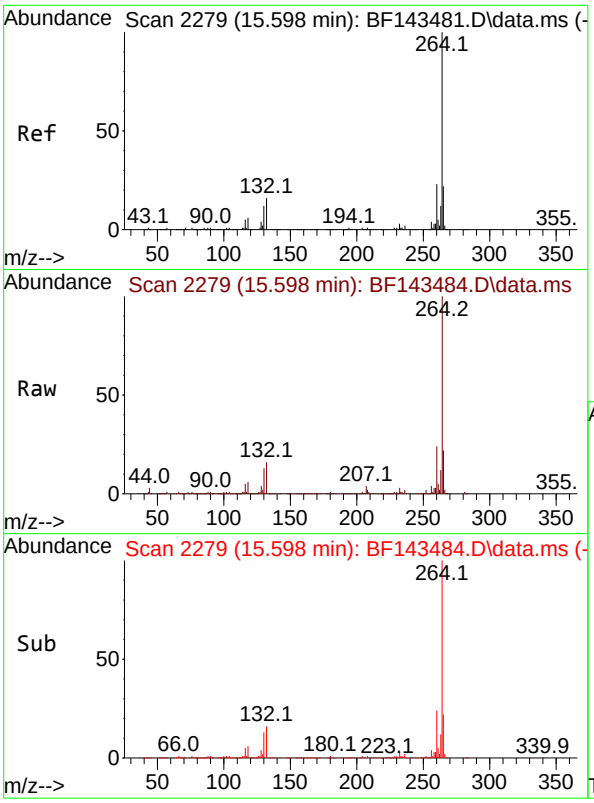


#85
Di-n-octyl phthalate
Concen: 77.442 ng
RT: 14.686 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



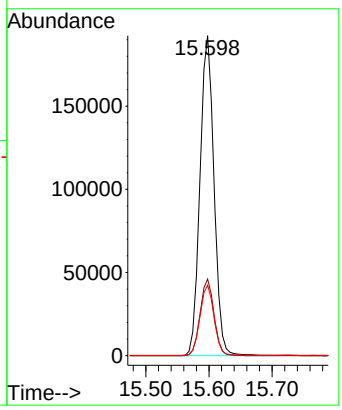


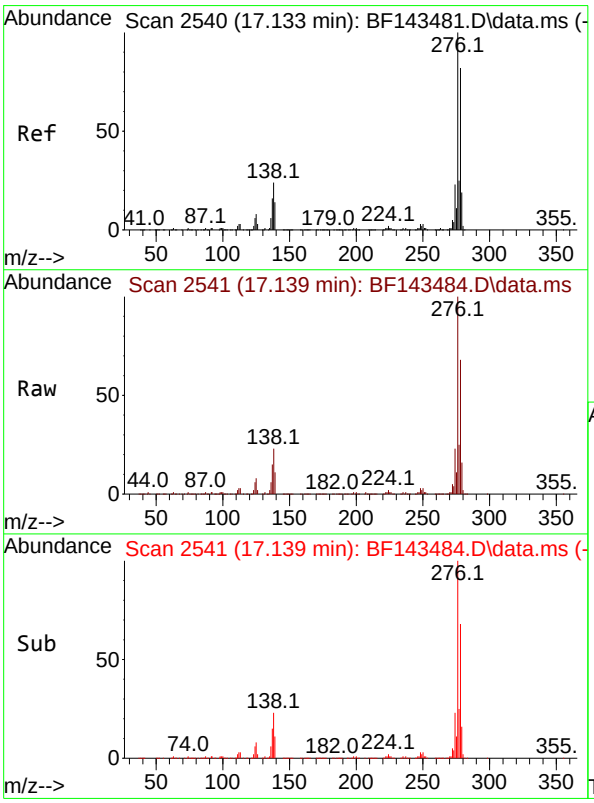
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

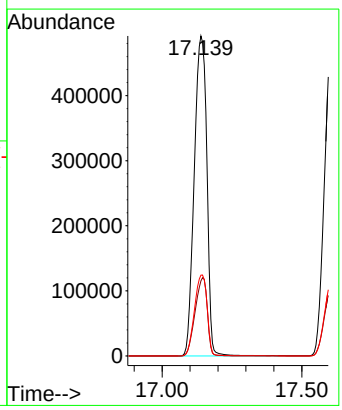


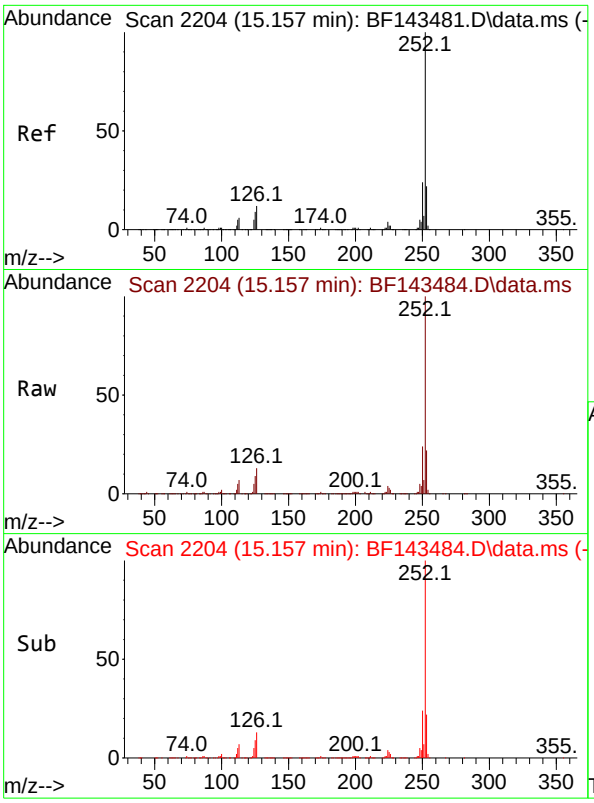


#87
Indeno(1,2,3-cd)pyrene
Concen: 72.108 ng
RT: 17.139 min Scan# 2541
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



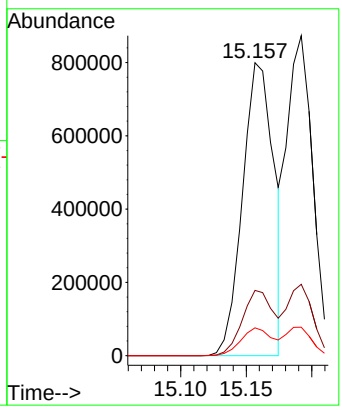


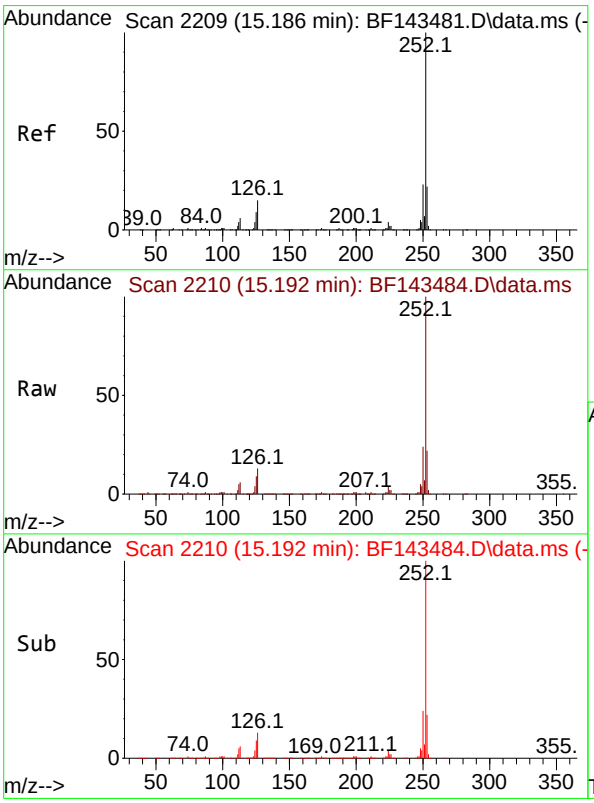
#88
Benzo(b)fluoranthene
Concen: 80.545 ng
RT: 15.157 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

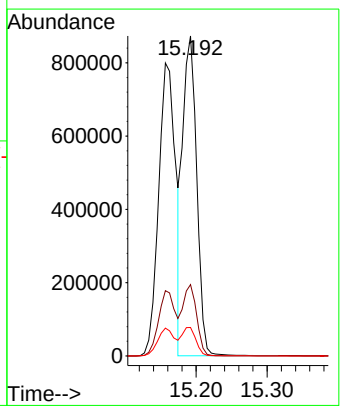


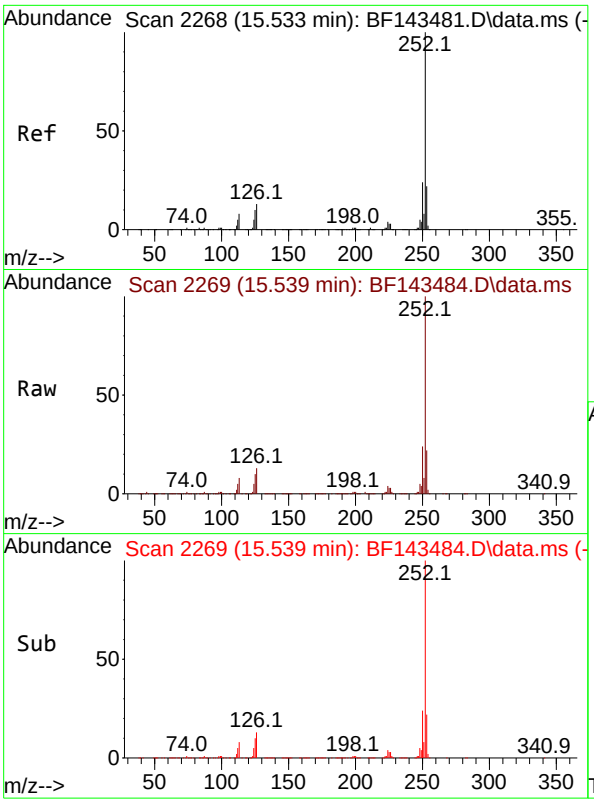


#89
Benzo(k)fluoranthene
Concen: 75.511 ng
RT: 15.192 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



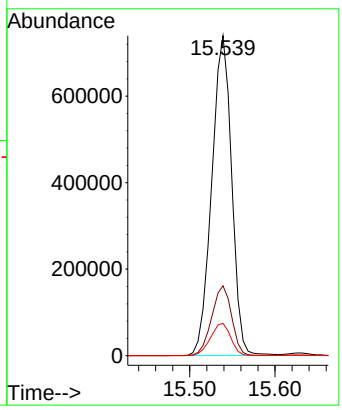


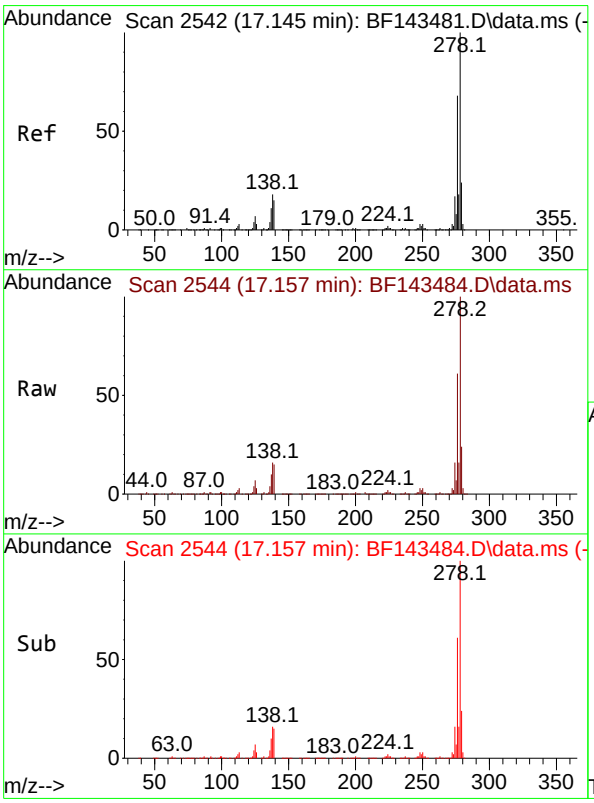
#90
Benzo(a)pyrene
Concen: 78.365 ng
RT: 15.539 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

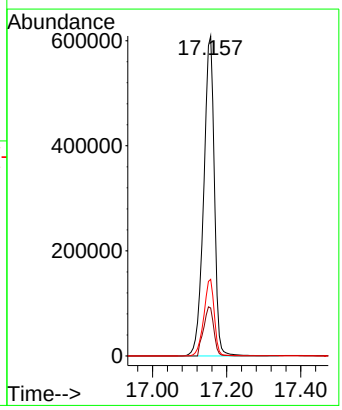


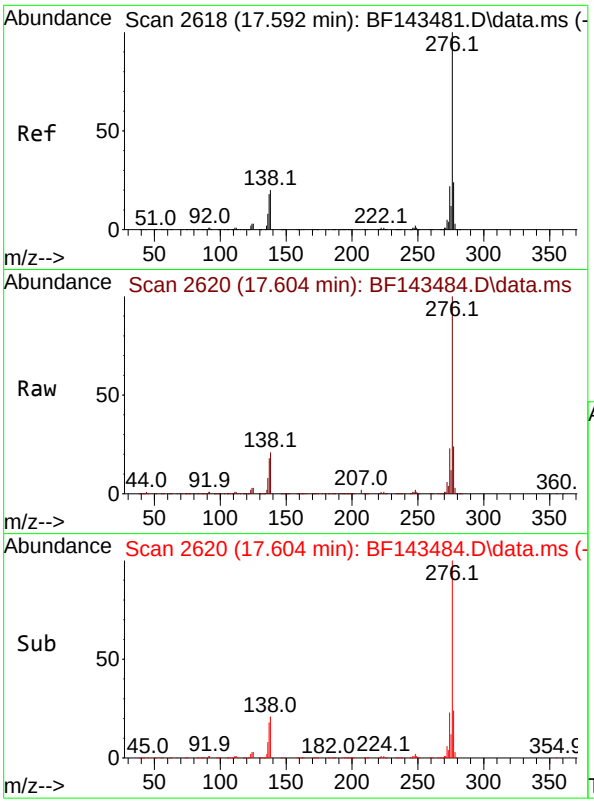


#91
Dibenzo(a,h)anthracene
Concen: 71.099 ng
RT: 17.157 min Scan# 2544
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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



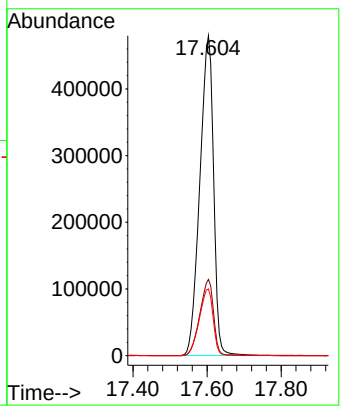


#92
Benzo(g,h,i)perylene
Concen: 72.598 ng
RT: 17.604 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143484.D
Acq: 20 Aug 2025 14:20

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

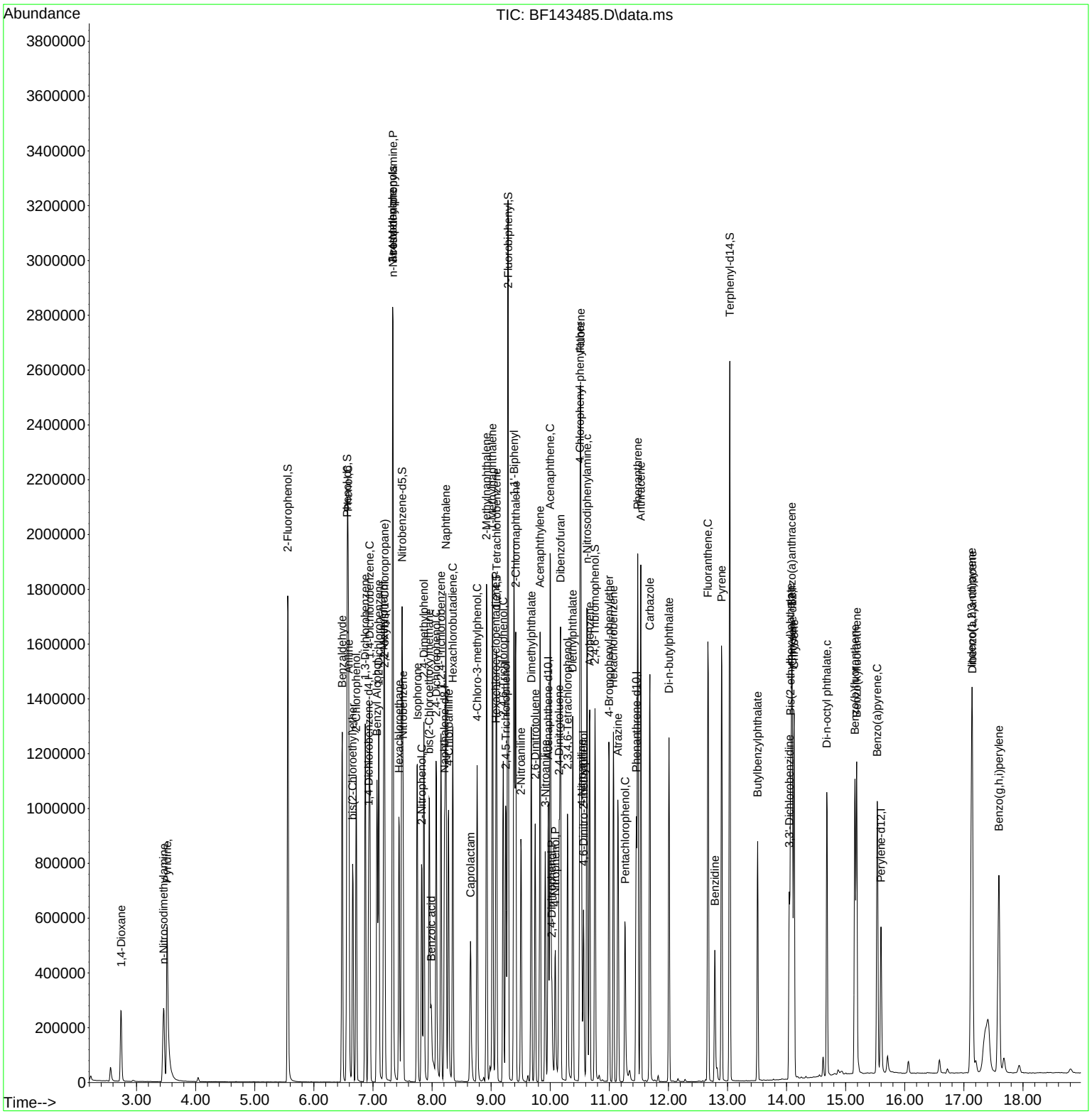
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	231521	39.178	ng	98
46) 1,1'-Biphenyl	9.386	154	850787	38.997	ng	100
47) 2-Chloronaphthalene	9.416	162	668760	39.068	ng	99
48) 2-Nitroaniline	9.504	65	209716	41.861	ng	99
49) Acenaphthylene	9.827	152	969574	39.557	ng	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

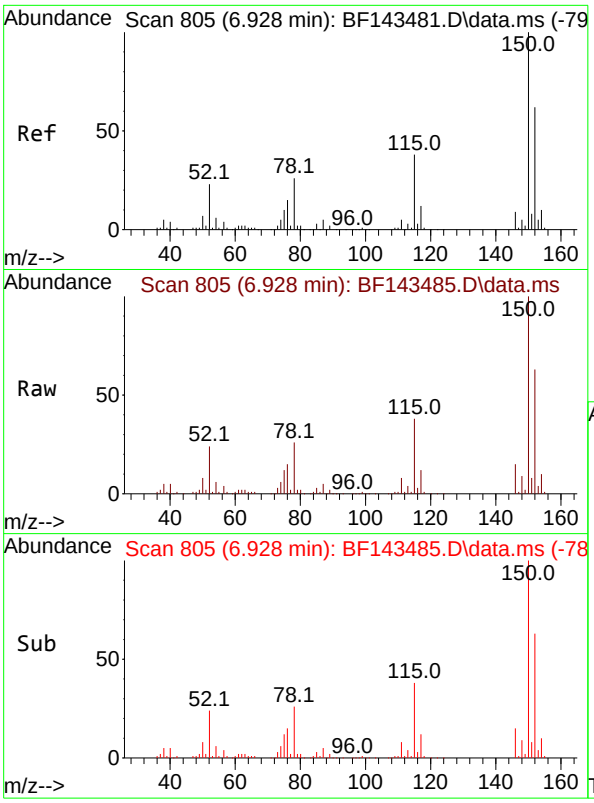
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143485.D
Acq On : 20 Aug 2025 15:16
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

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
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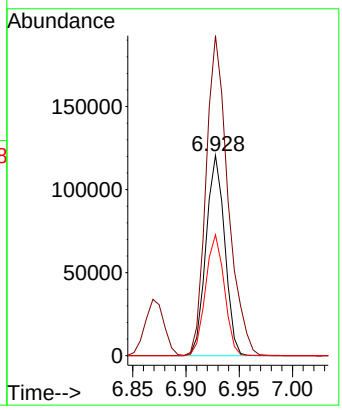


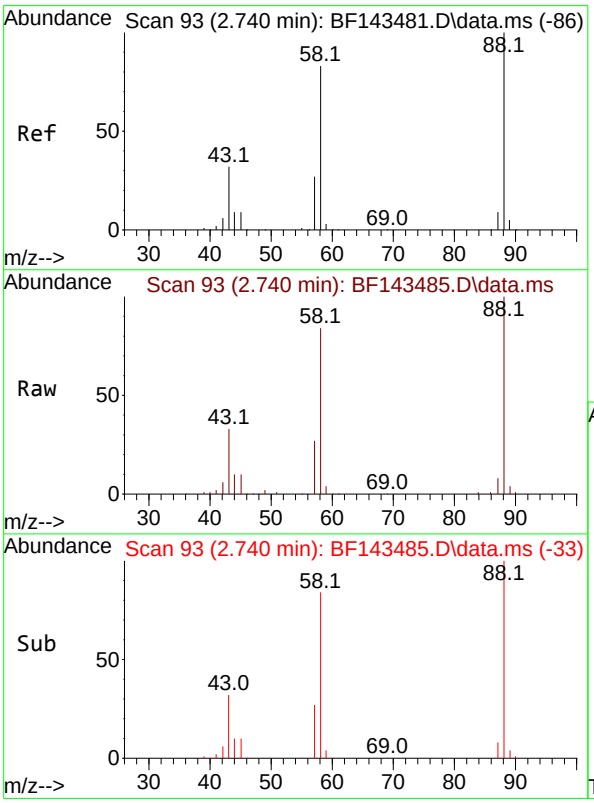
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

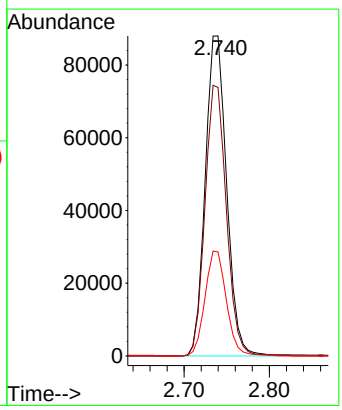


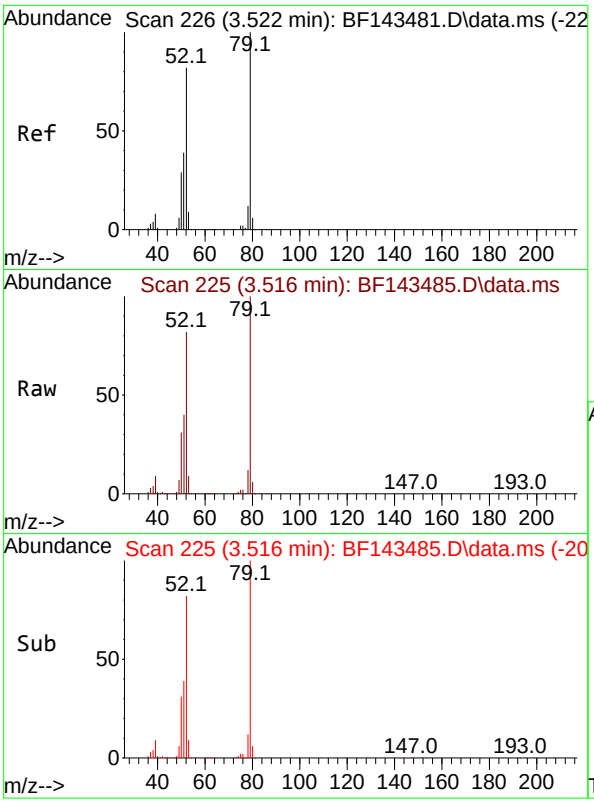


#2
1,4-Dioxane
Concen: 39.182 ng
RT: 2.740 min Scan# 93
Delta R.T. 0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



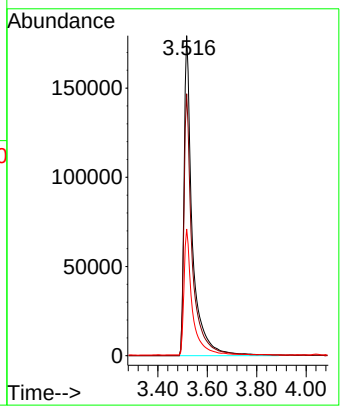


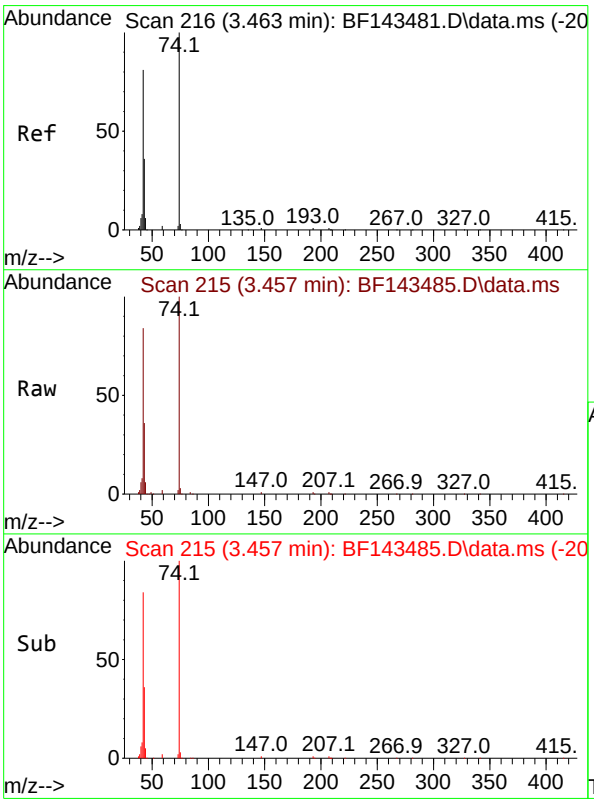
#3
Pyridine
Concen: 40.378 ng
RT: 3.516 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

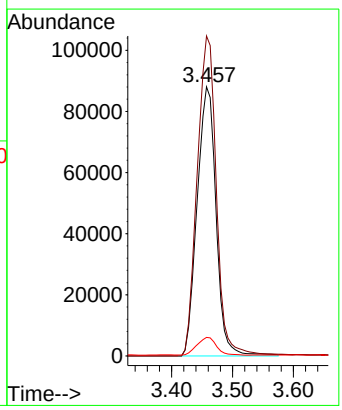


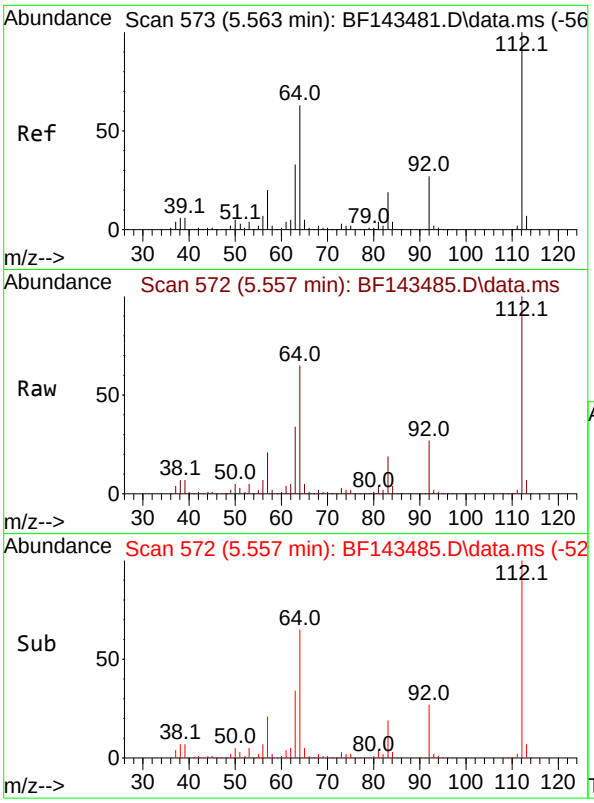


#4
n-Nitrosodimethylamine
Concen: 40.802 ng
RT: 3.457 min Scan# 215
Delta R.T. -0.018 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



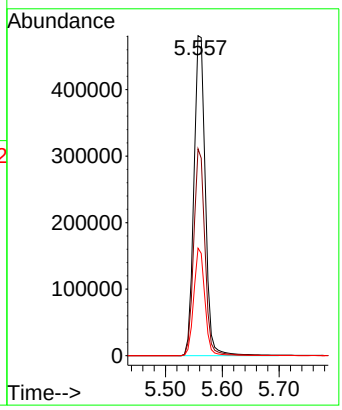


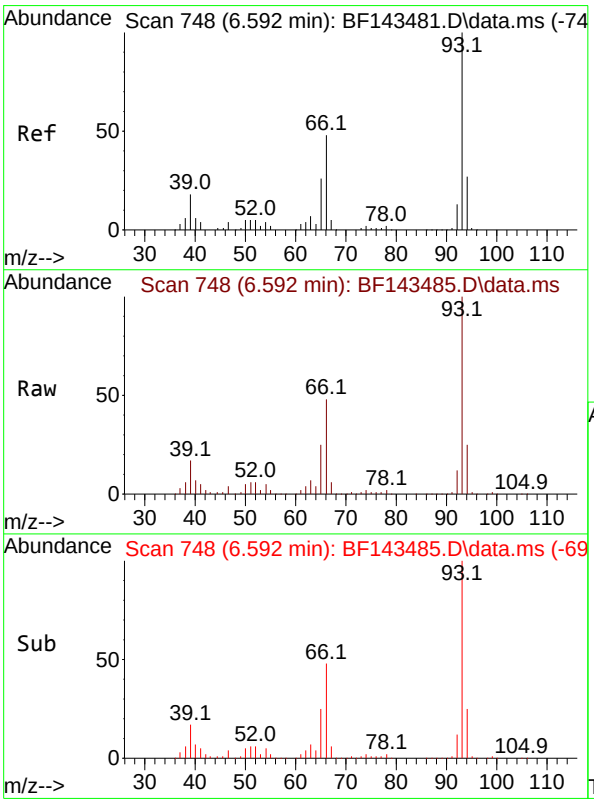
#5
2-Fluorophenol
Concen: 79.796 ng
RT: 5.557 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

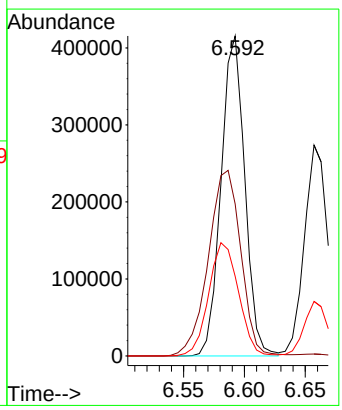


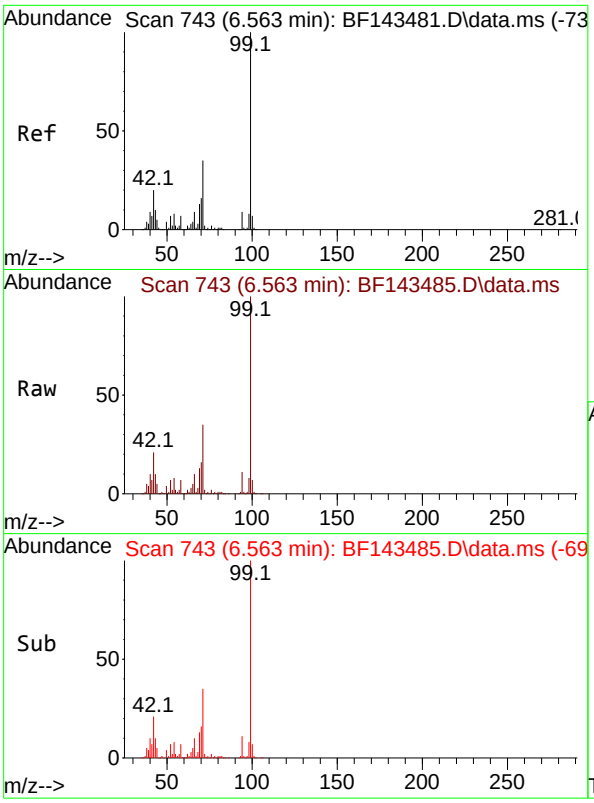


#6
Aniline
Concen: 40.468 ng
RT: 6.592 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



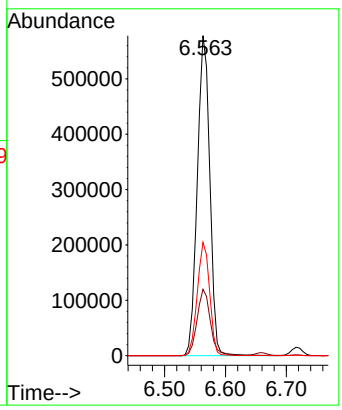


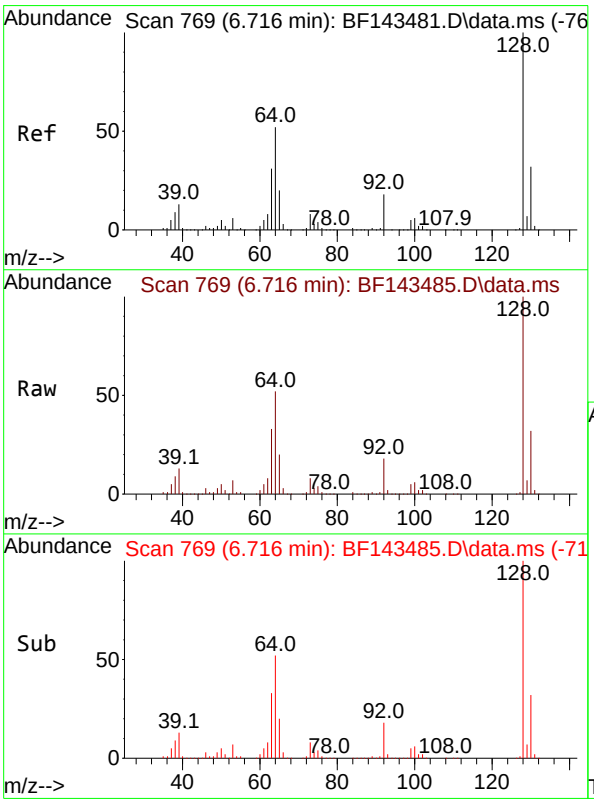
#7
Phenol-d6
Concen: 79.236 ng
RT: 6.563 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

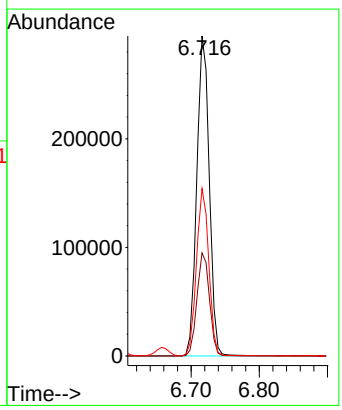


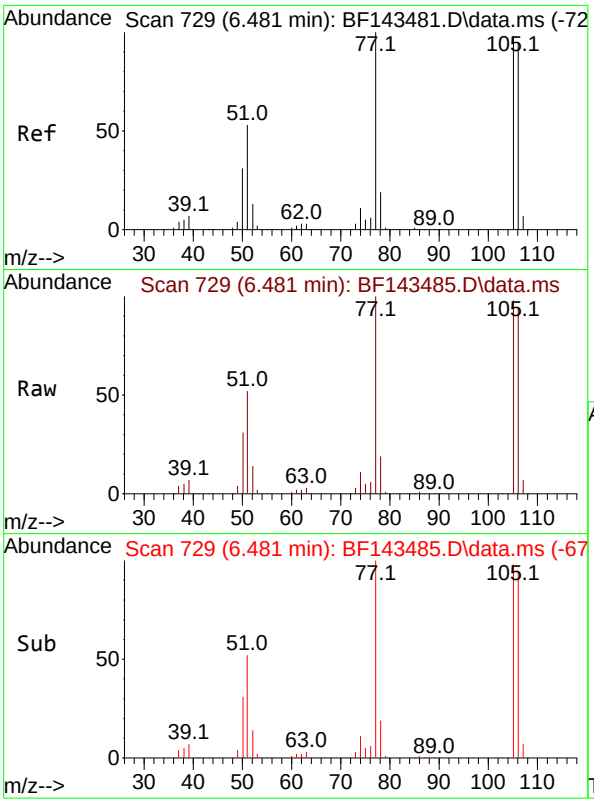


#8
2-Chlorophenol
Concen: 40.225 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



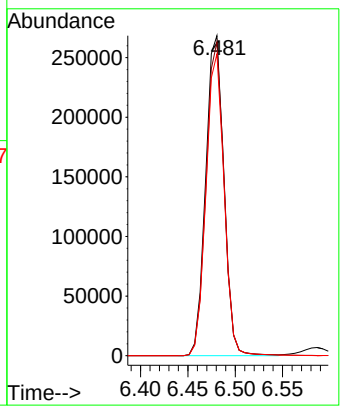


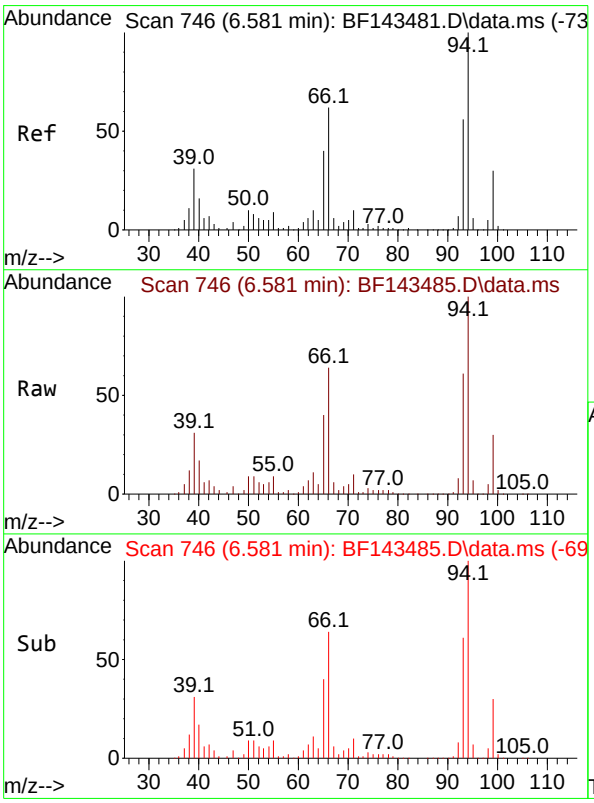
#9
Benzaldehyde
Concen: 42.346 ng
RT: 6.481 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

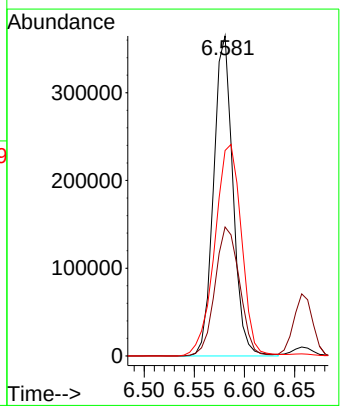


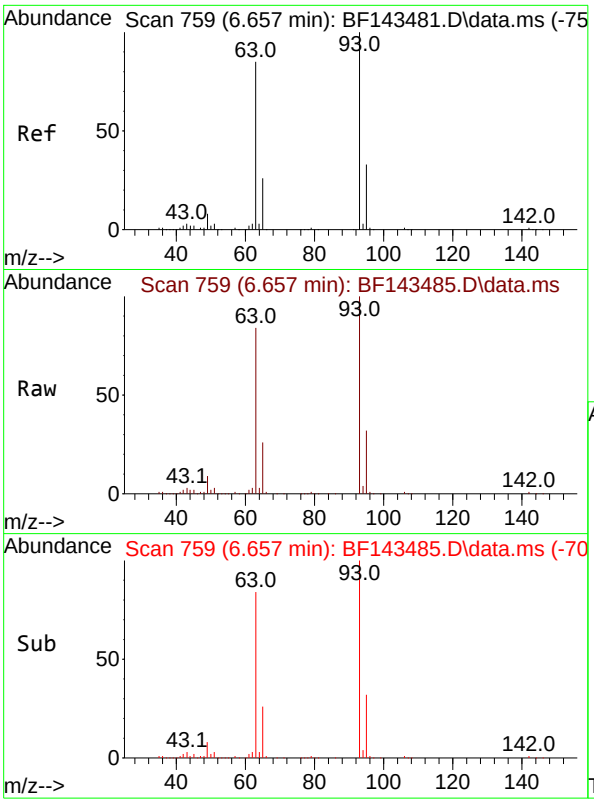


#10
Phenol
Concen: 40.587 ng
RT: 6.581 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



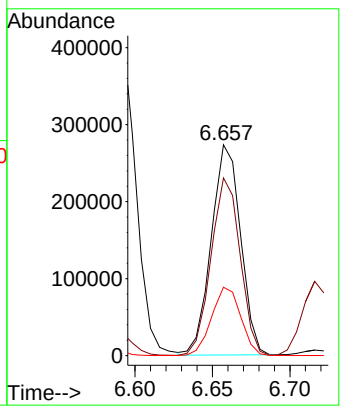


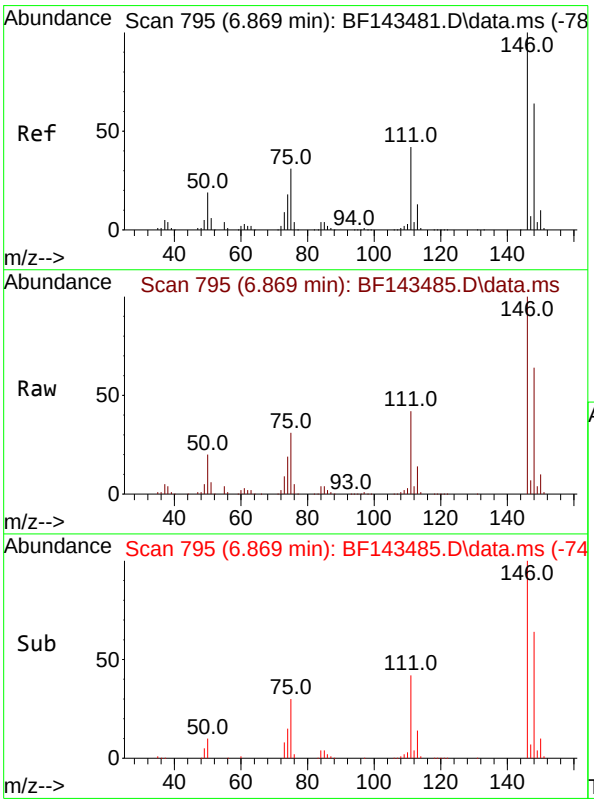
#11
bis(2-Chloroethyl)ether
Concen: 40.011 ng
RT: 6.657 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

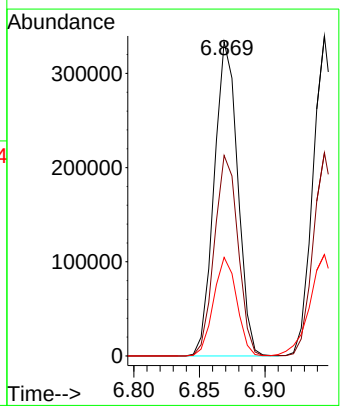


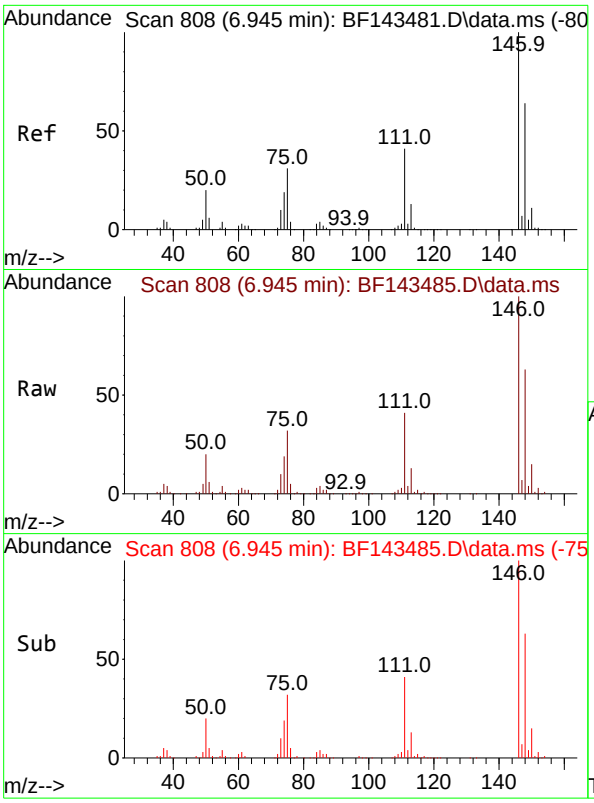


#12
1,3-Dichlorobenzene
Concen: 39.721 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



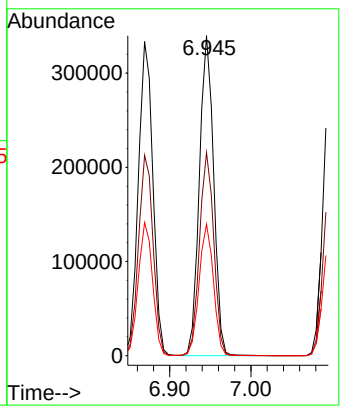


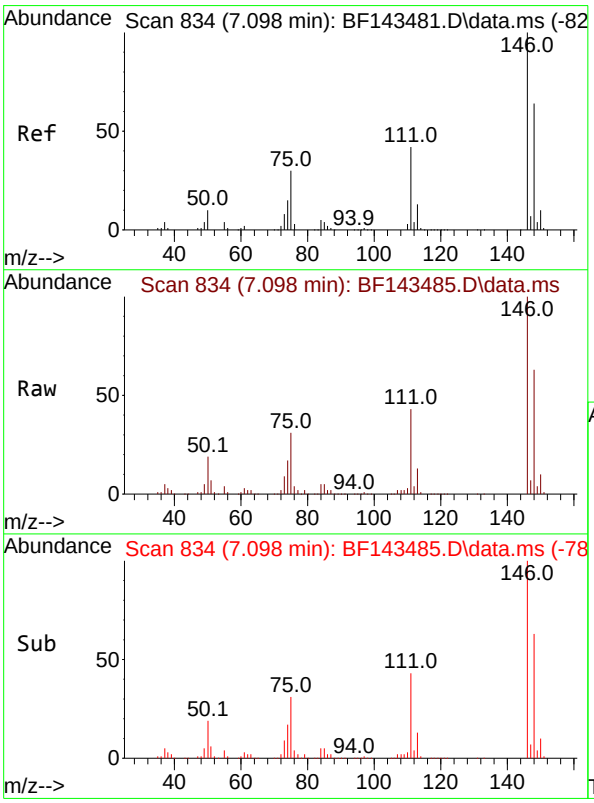
#13
1,4-Dichlorobenzene
Concen: 39.445 ng
RT: 6.945 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

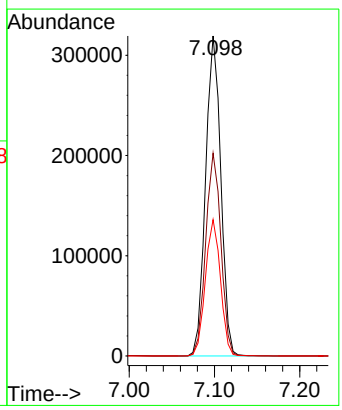


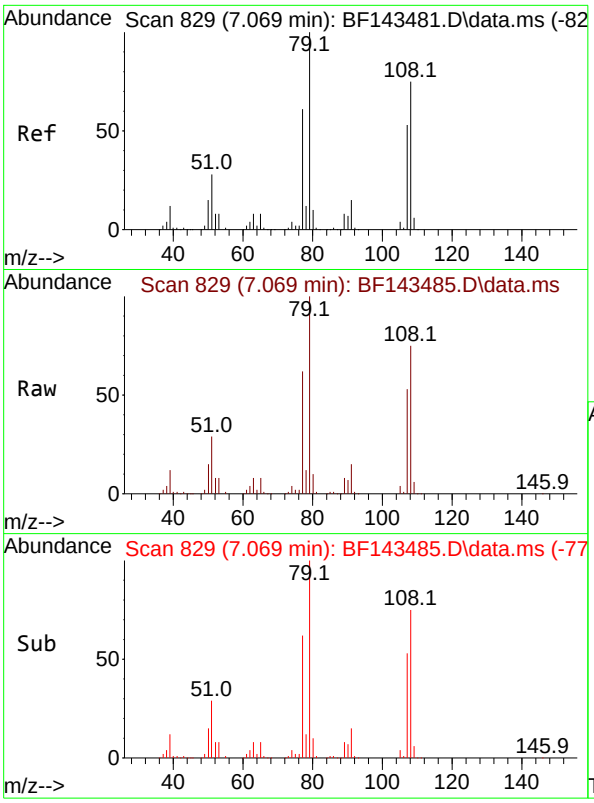


#14
1,2-Dichlorobenzene
Concen: 39.765 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



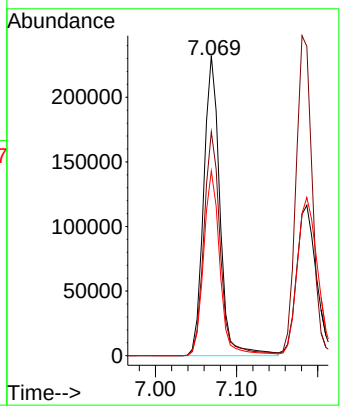


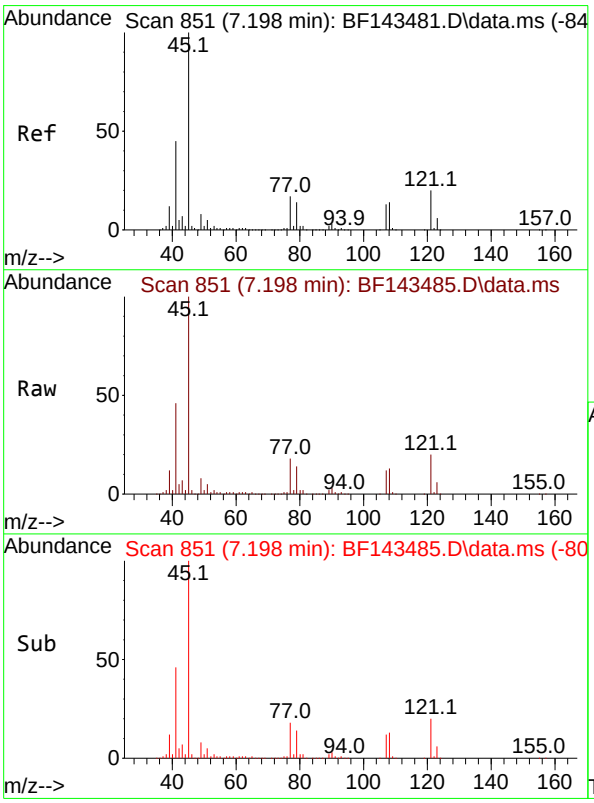
#15
Benzyl Alcohol
Concen: 41.185 ng
RT: 7.069 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

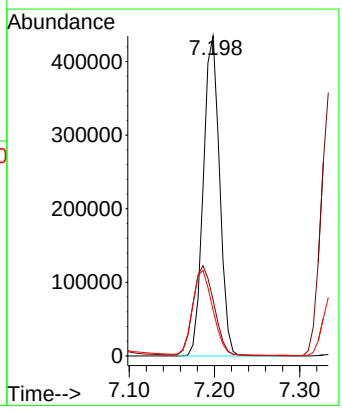


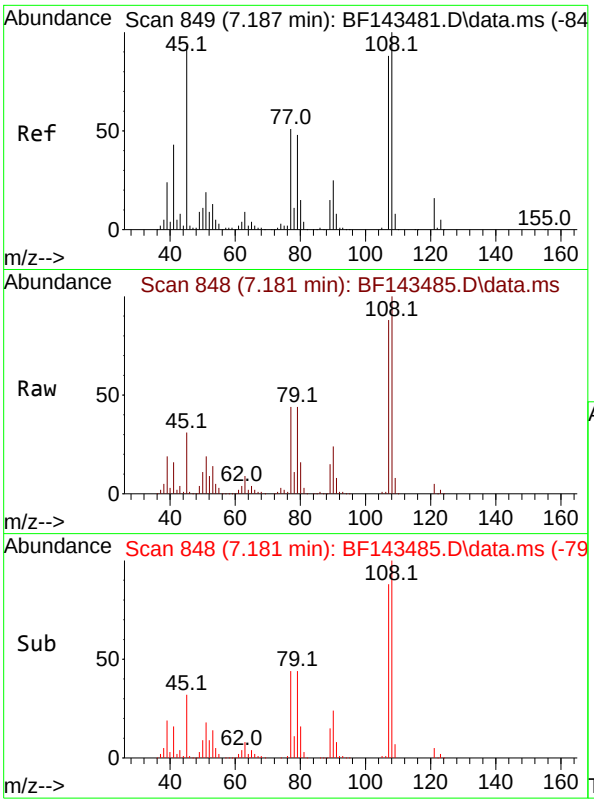


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.039 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



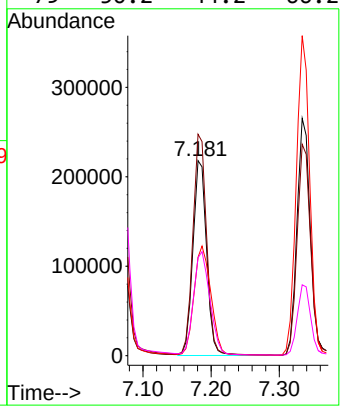


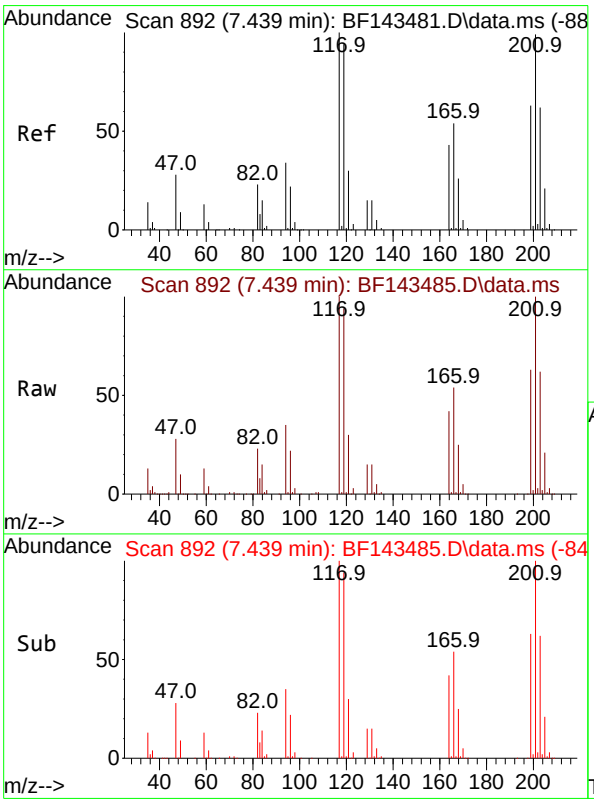
#17
2-Methylphenol
Concen: 40.687 ng
RT: 7.181 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

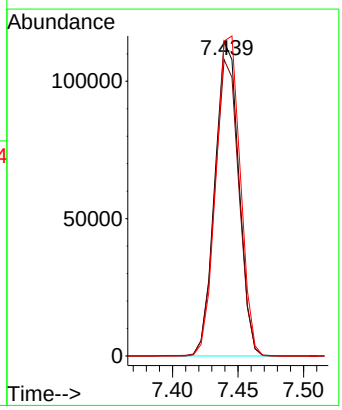


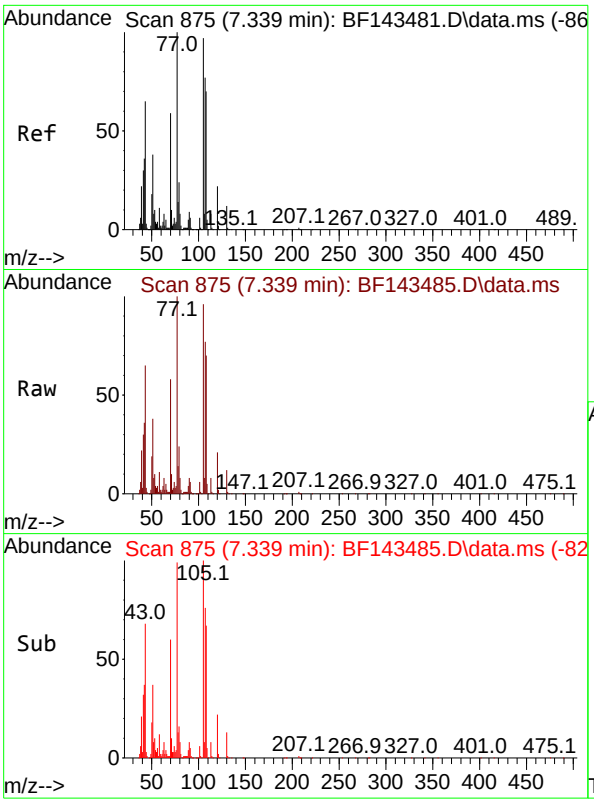


#18
Hexachloroethane
Concen: 40.592 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



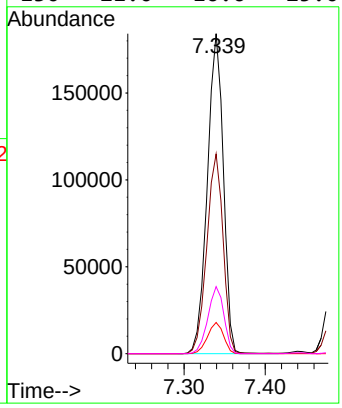


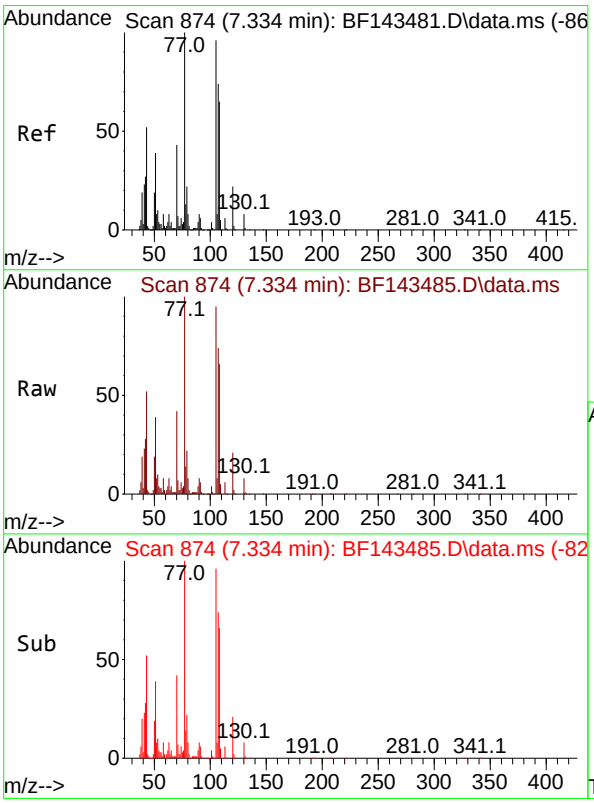
#19
n-Nitroso-di-n-propylamine
Concen: 39.547 ng
RT: 7.339 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

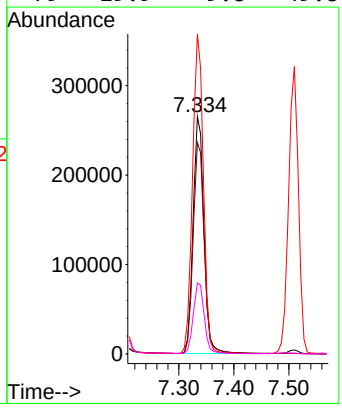


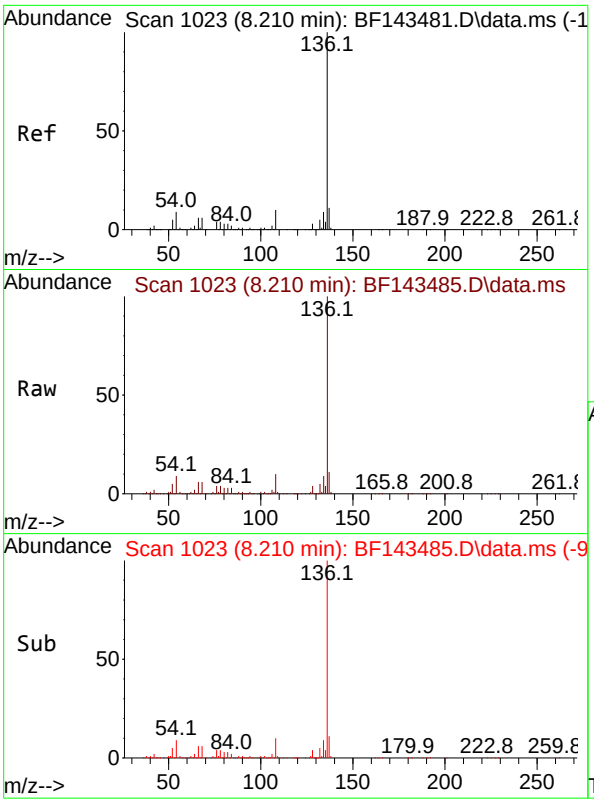


#20
3+4-Methylphenols
Concen: 40.559 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



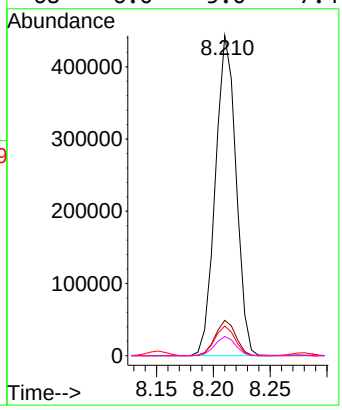


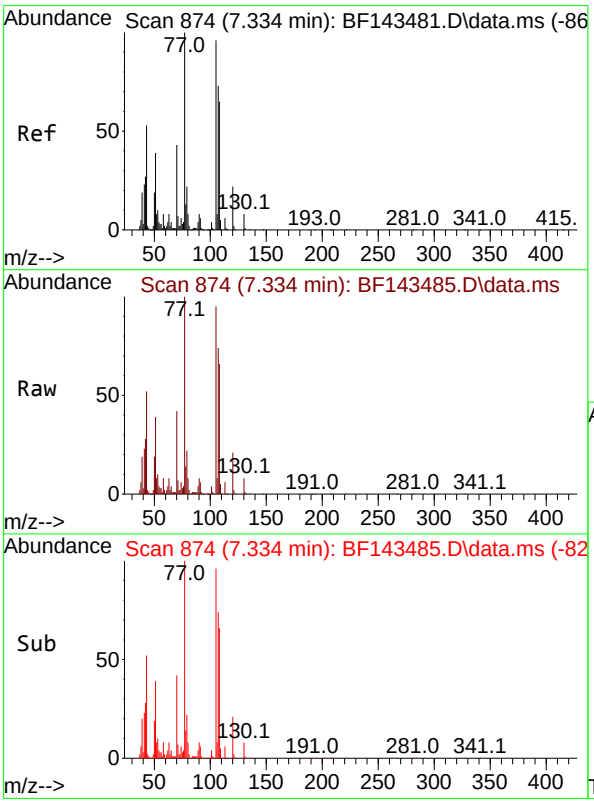
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

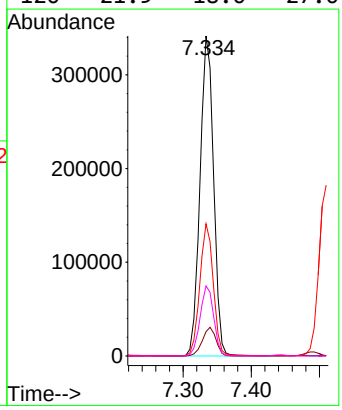


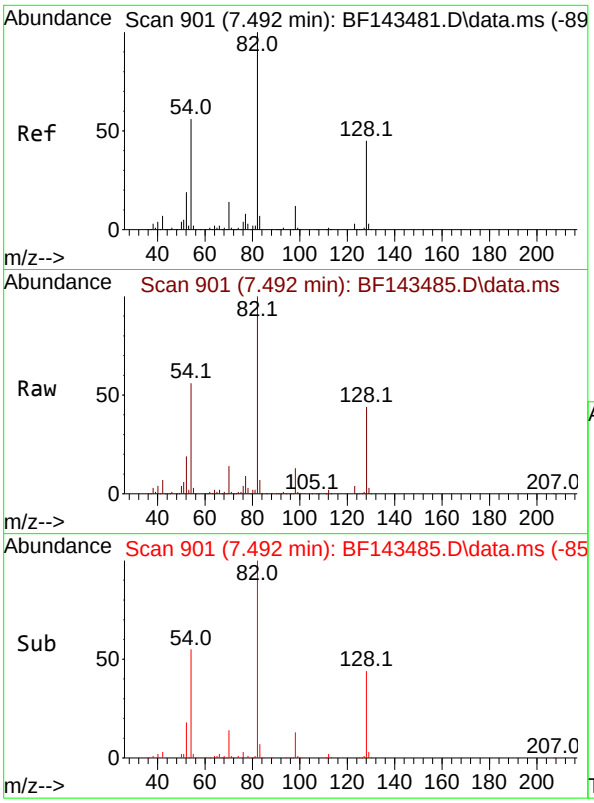


#22
Acetophenone
Concen: 38.990 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



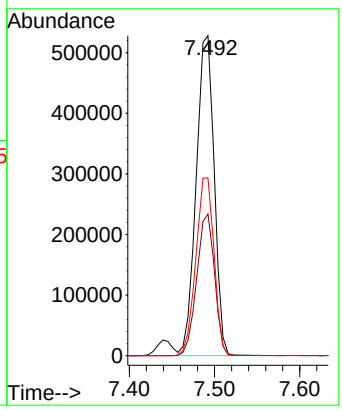


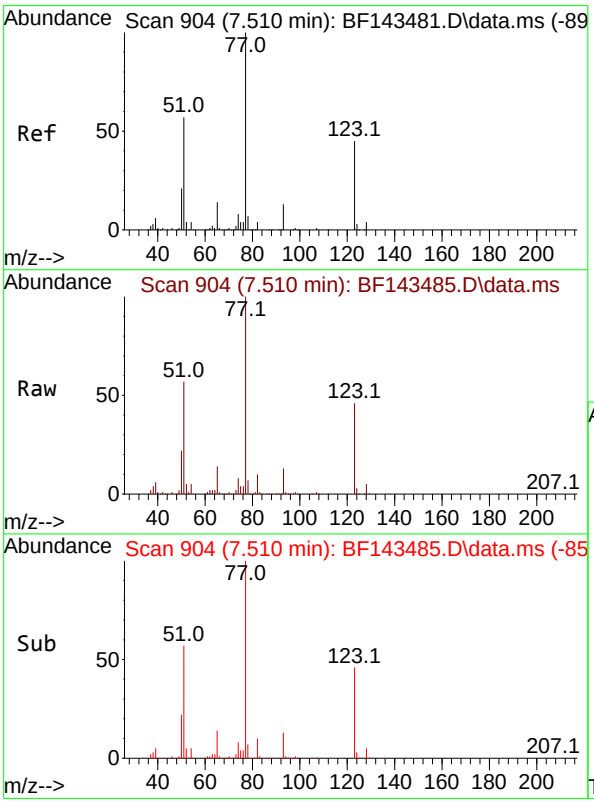
#23
Nitrobenzene-d5
Concen: 80.608 ng
RT: 7.492 min Scan# 9(
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

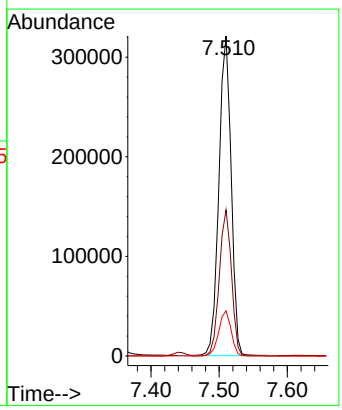


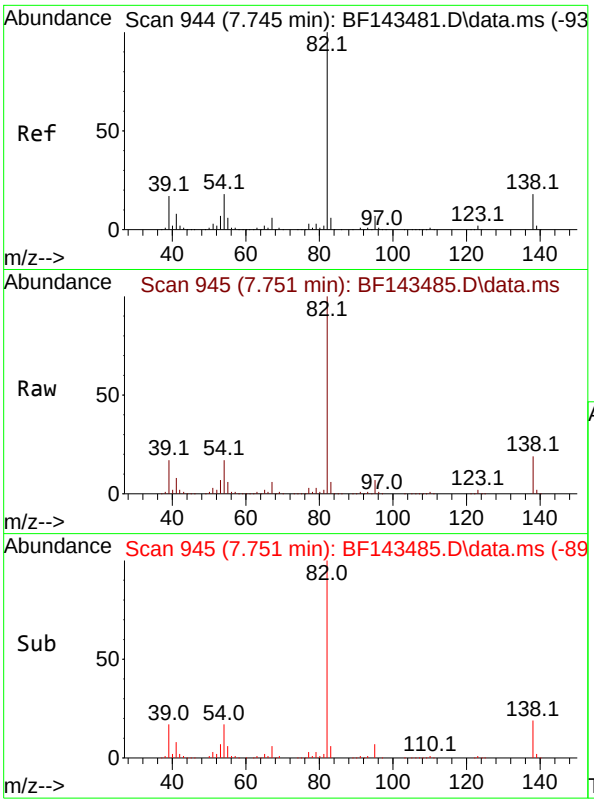


#24
Nitrobenzene
Concen: 40.579 ng
RT: 7.510 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



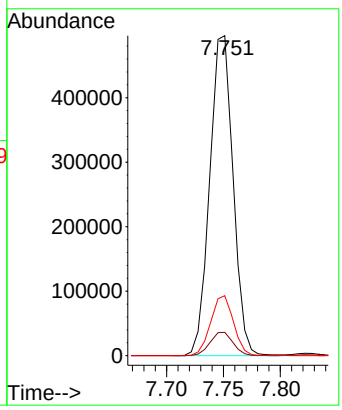


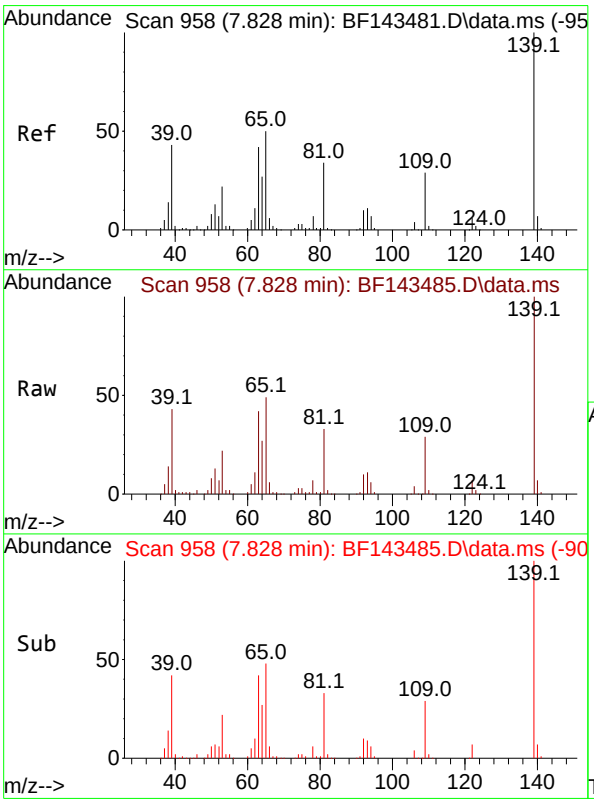
#25
Isophorone
Concen: 40.343 ng
RT: 7.751 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

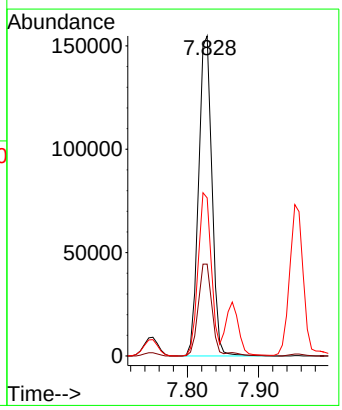


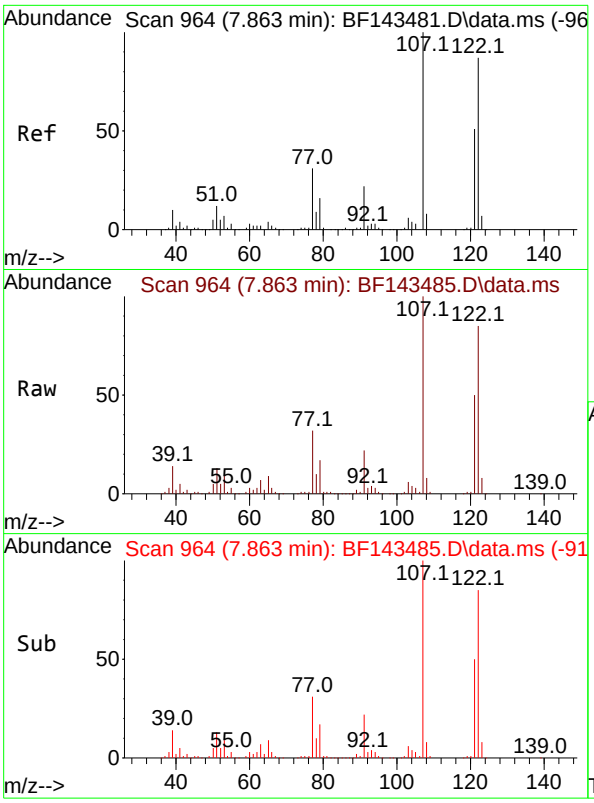


#26
2-Nitrophenol
Concen: 41.747 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



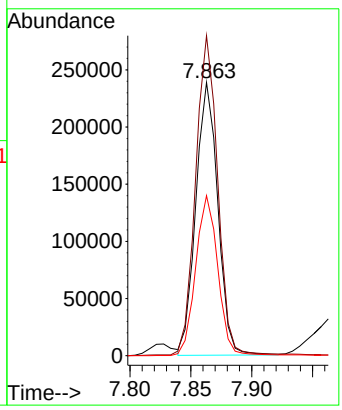


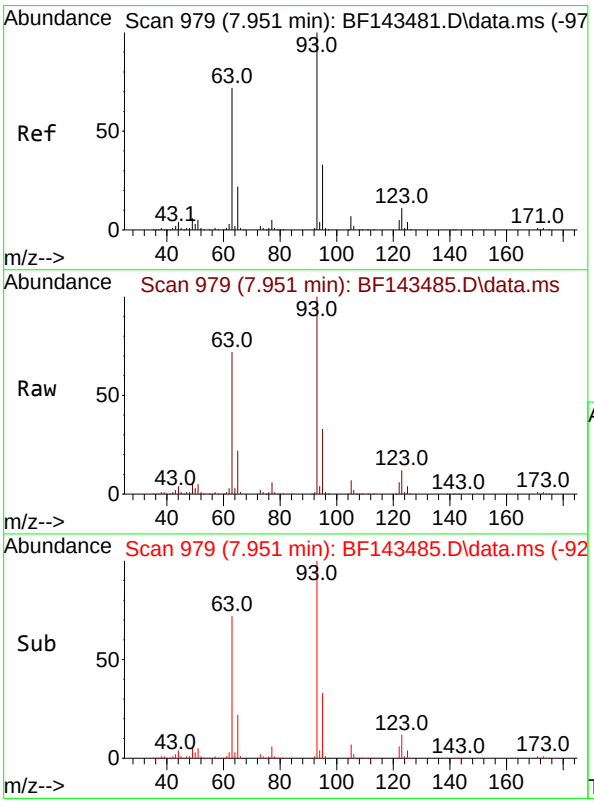
#27
2,4-Dimethylphenol
Concen: 39.655 ng
RT: 7.863 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

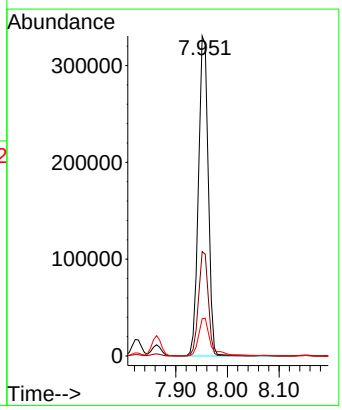


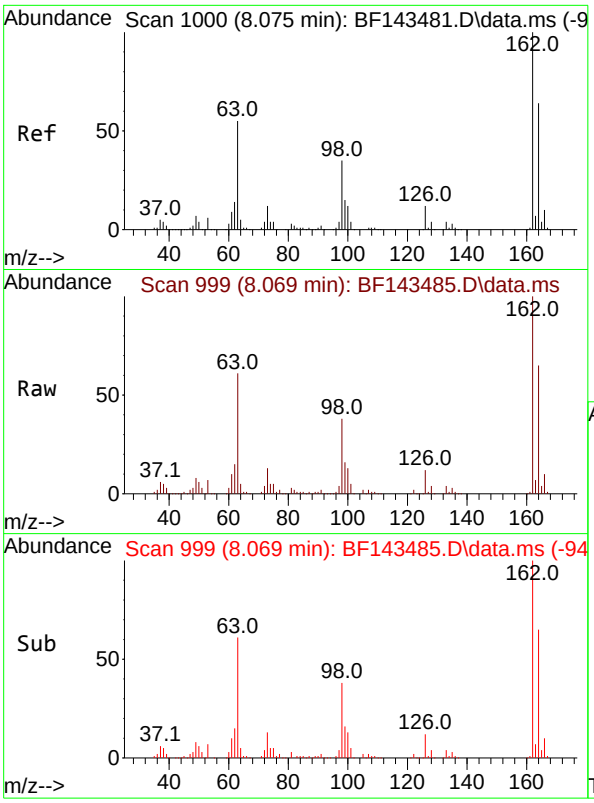


#28
bis(2-Chloroethoxy)methane
Concen: 40.210 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



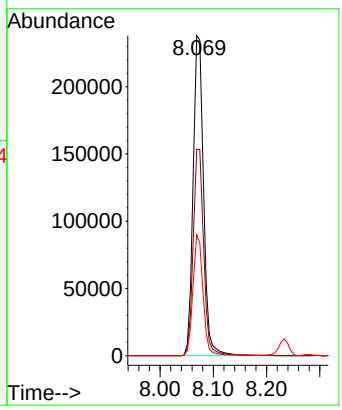


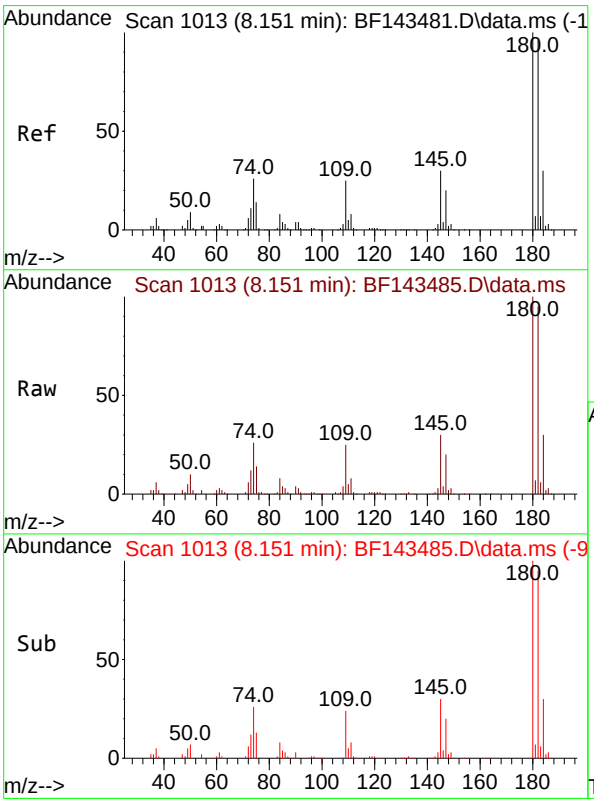
#29
2,4-Dichlorophenol
Concen: 40.217 ng
RT: 8.069 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

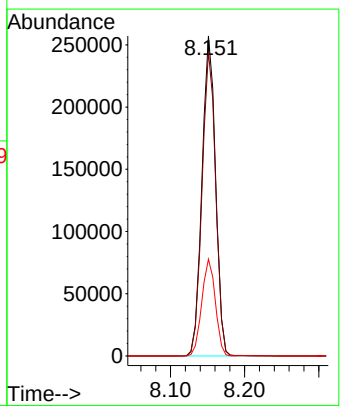


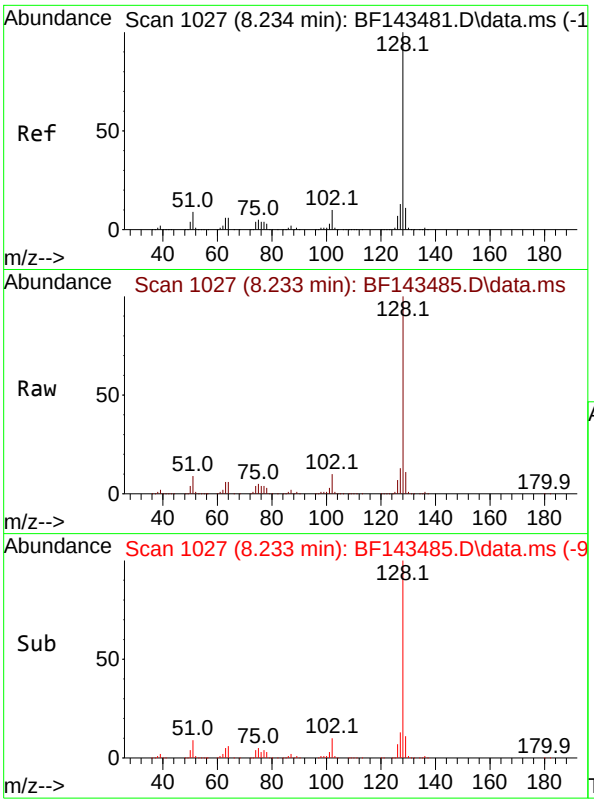


#30
1,2,4-Trichlorobenzene
Concen: 39.404 ng
RT: 8.151 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



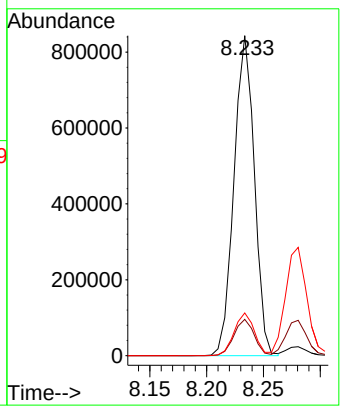


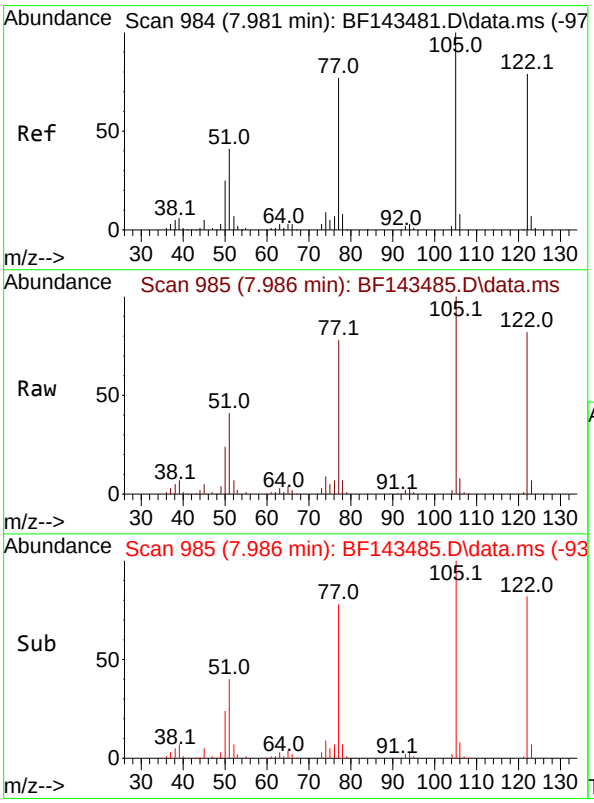
#31
Naphthalene
Concen: 39.033 ng
RT: 8.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

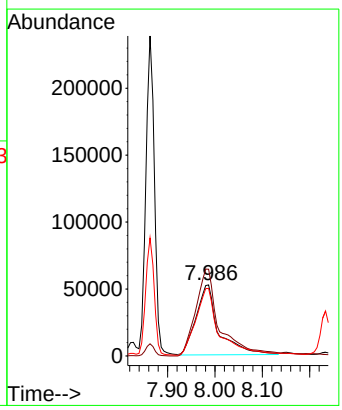


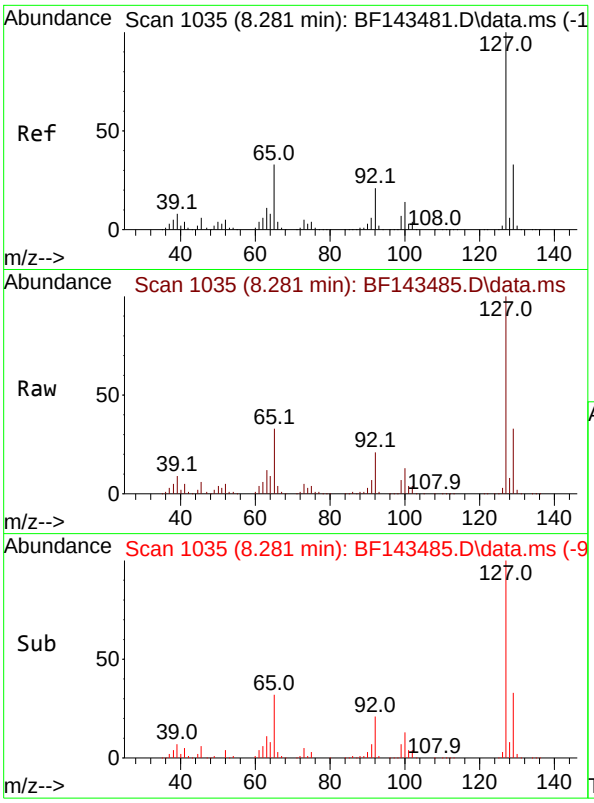


#32
Benzoic acid
Concen: 41.489 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.024 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



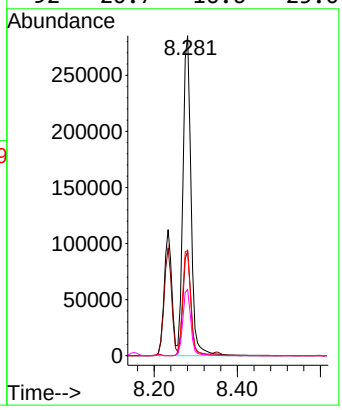


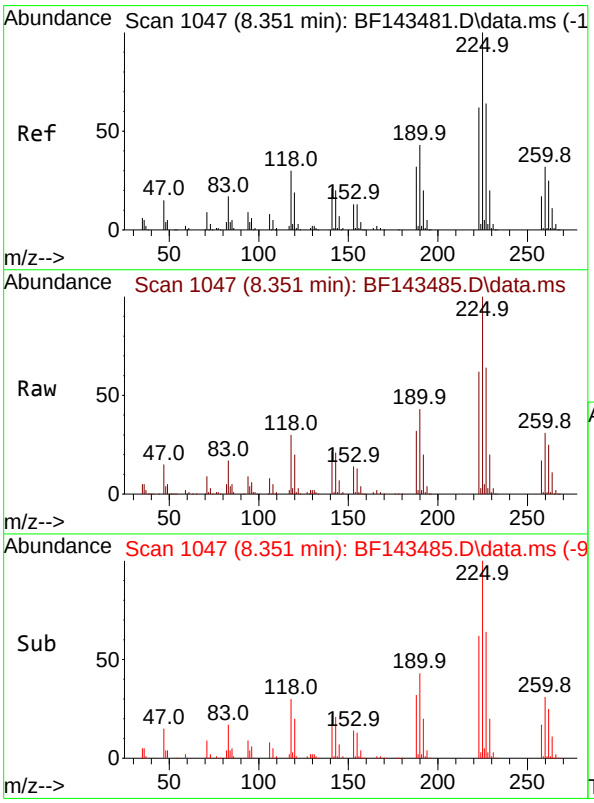
#33
4-Chloroaniline
Concen: 40.234 ng
RT: 8.281 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

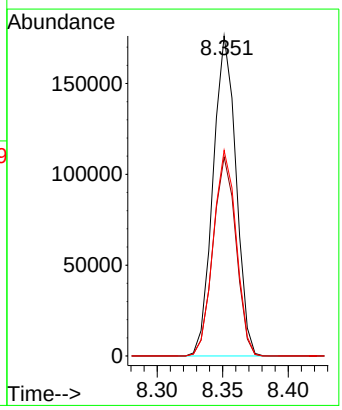


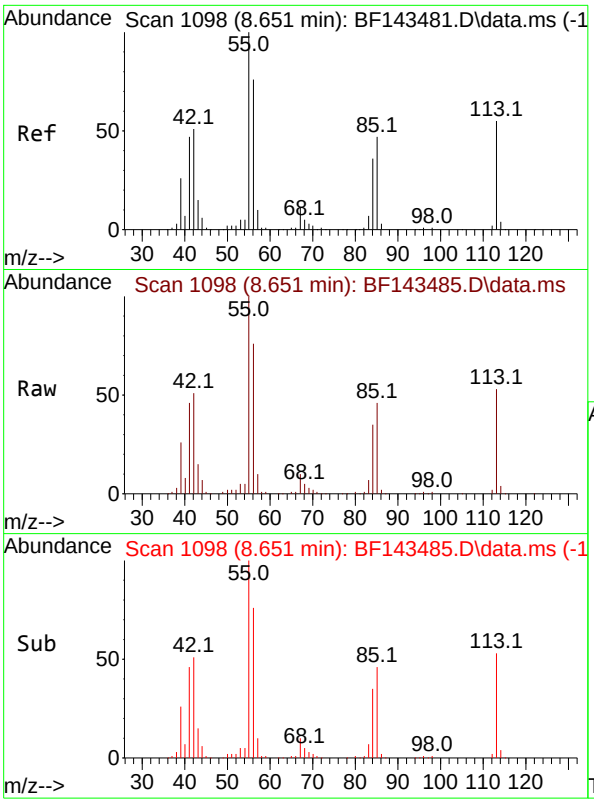


#34
Hexachlorobutadiene
Concen: 39.523 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



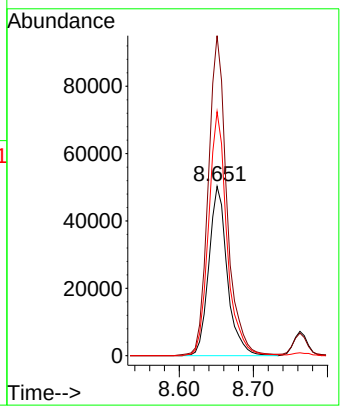


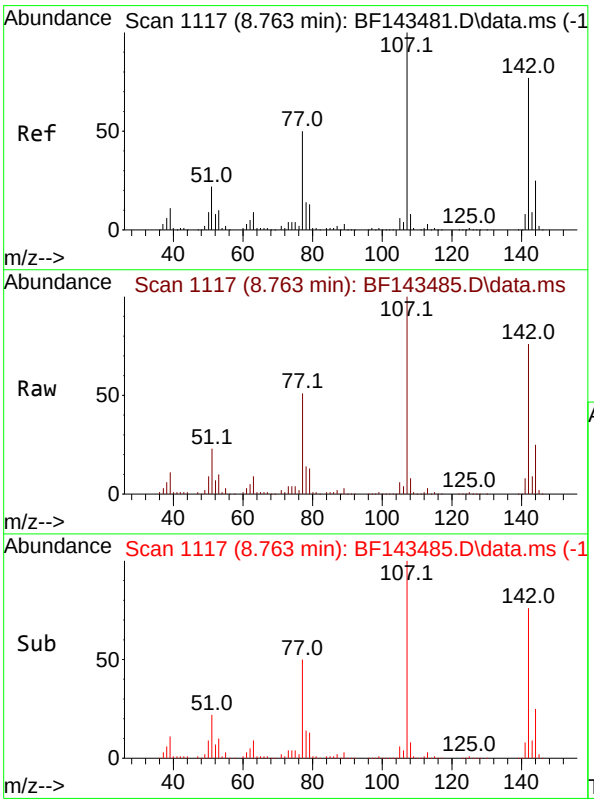
#35
Caprolactam
Concen: 44.838 ng
RT: 8.651 min Scan# 1
Delta R.T. -0.024 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

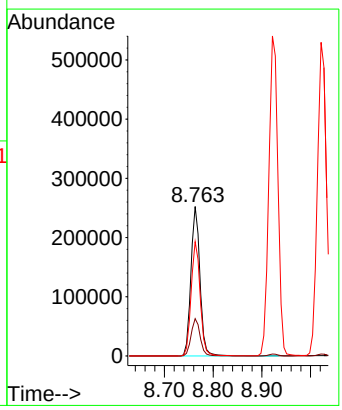


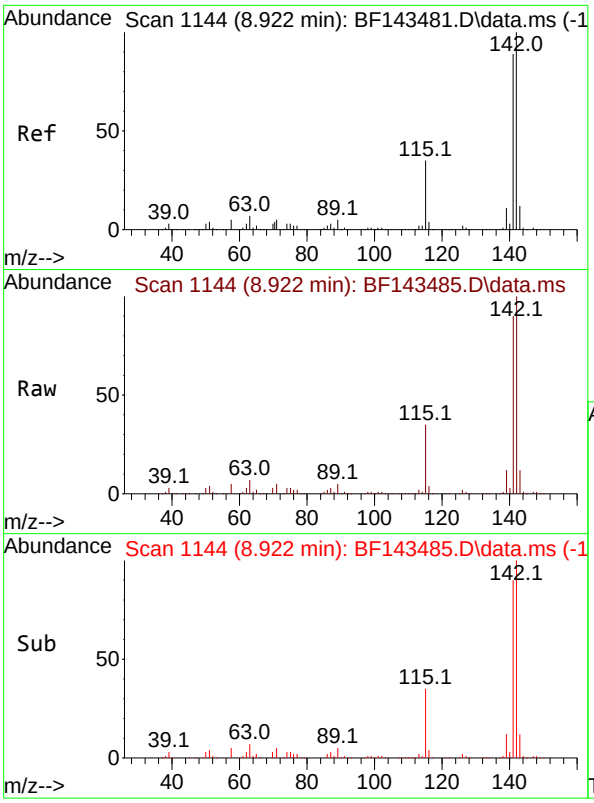


#36
4-Chloro-3-methylphenol
Concen: 40.569 ng
RT: 8.763 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



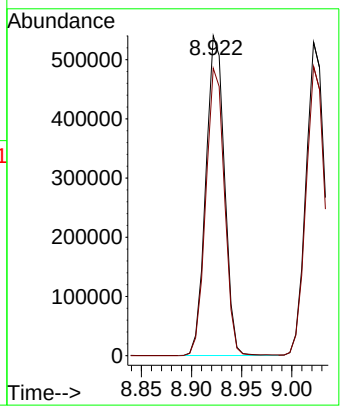


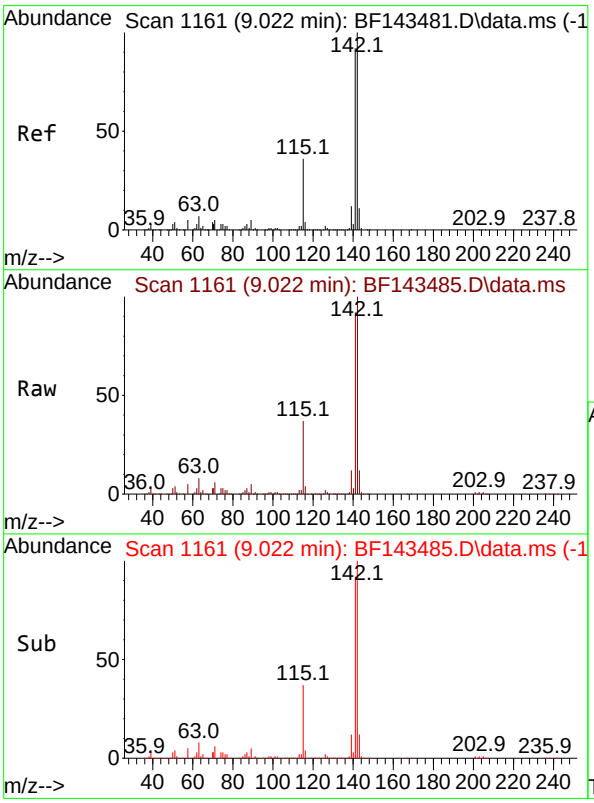
#37
2-Methylnaphthalene
Concen: 38.877 ng
RT: 8.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF082025

Tgt Ion:142 Resp: 699087

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.0	106.4

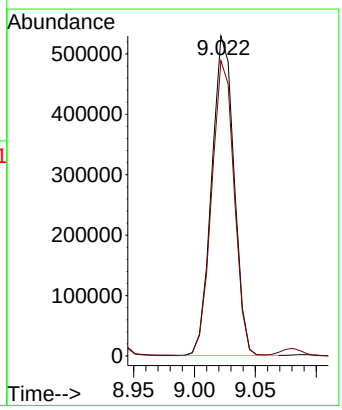


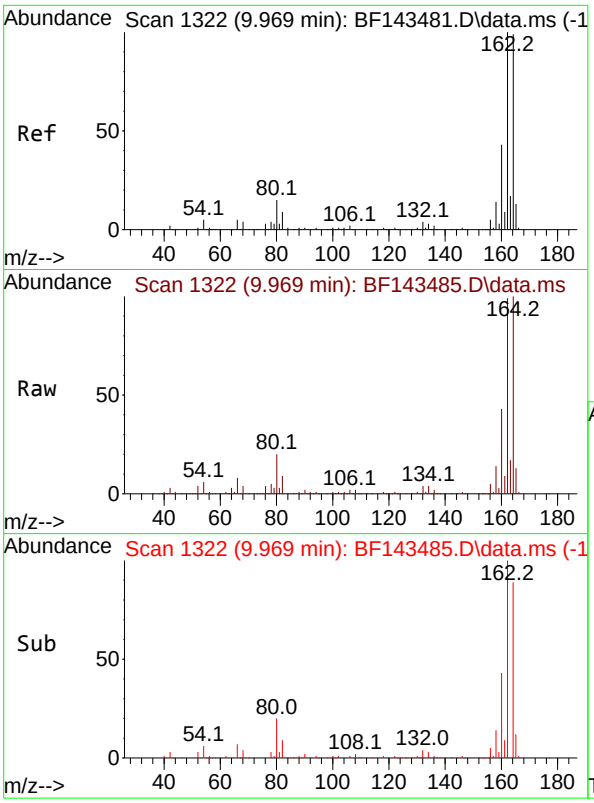


#38
1-Methylnaphthalene
Concen: 39.260 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

Tgt Ion:142 Resp: 675310

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.3	109.9



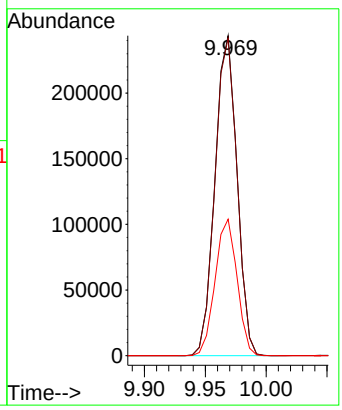


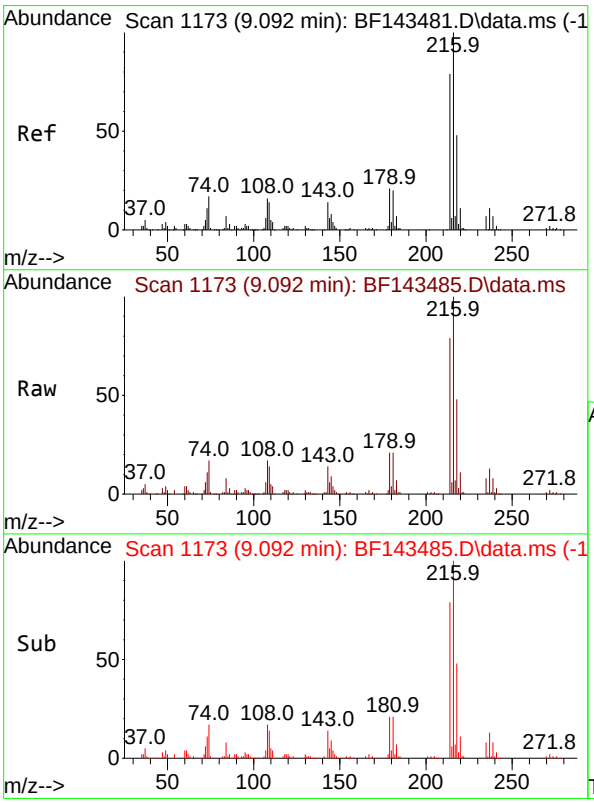
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

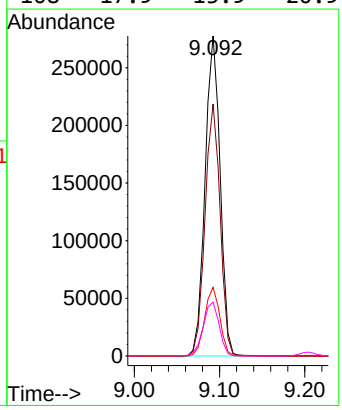


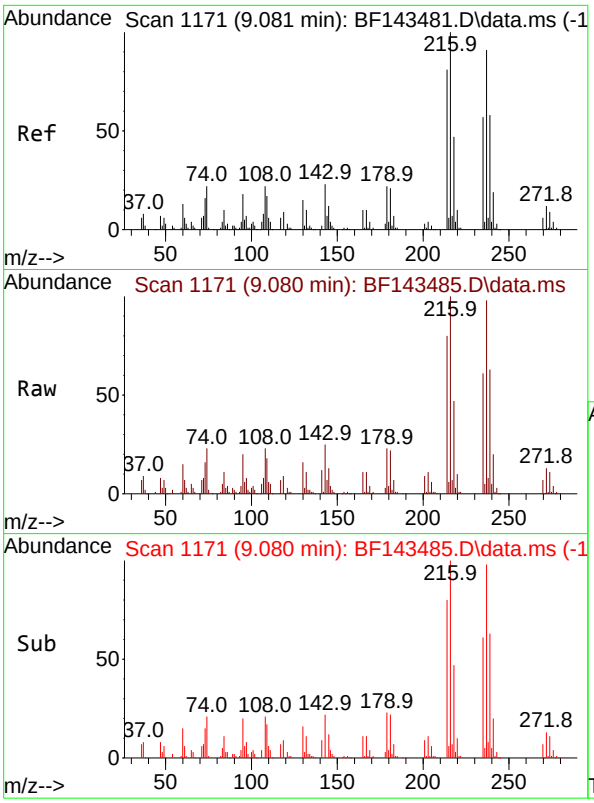


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.786 ng
RT: 9.092 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



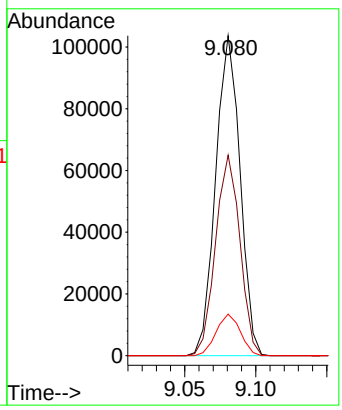


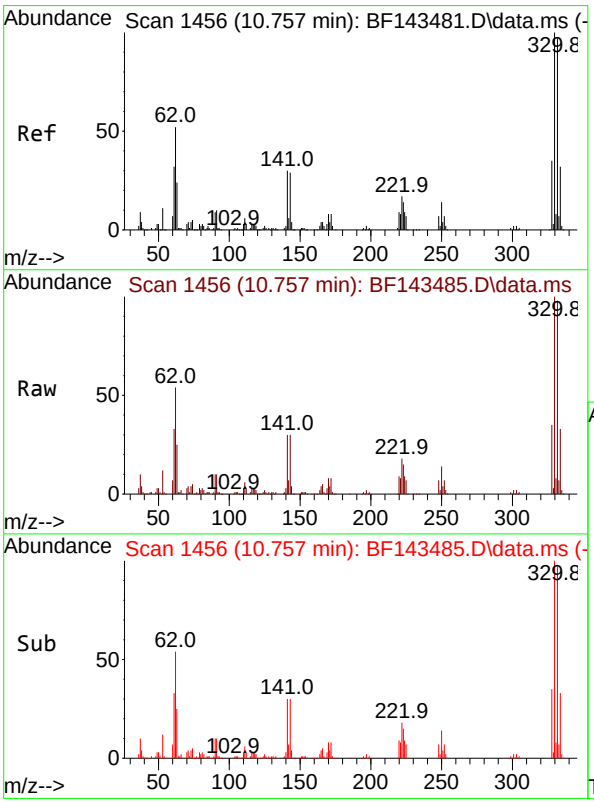
#41
Hexachlorocyclopentadiene
Concen: 39.756 ng
RT: 9.080 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

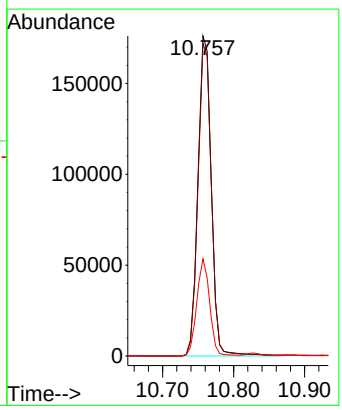


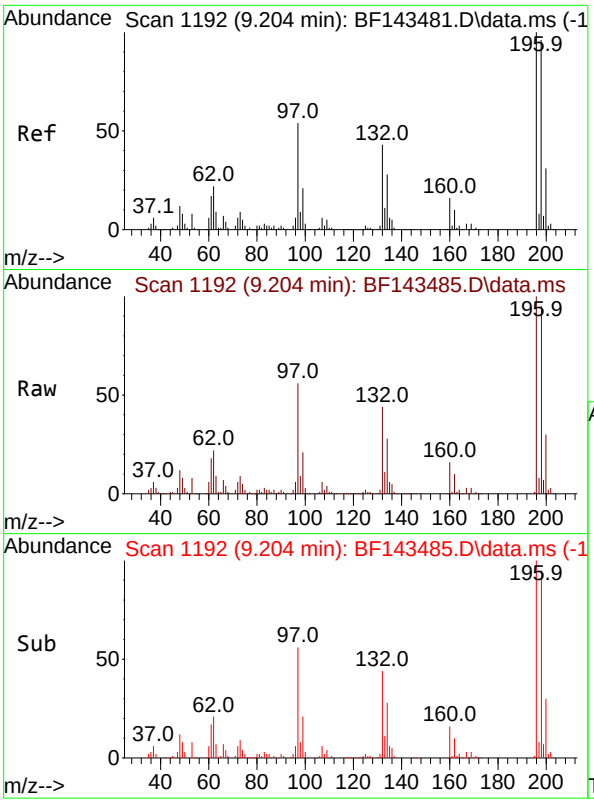


#42
2,4,6-Tribromophenol
Concen: 80.753 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



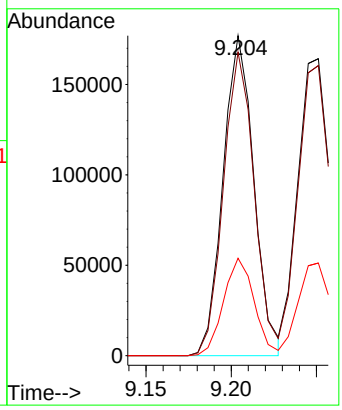


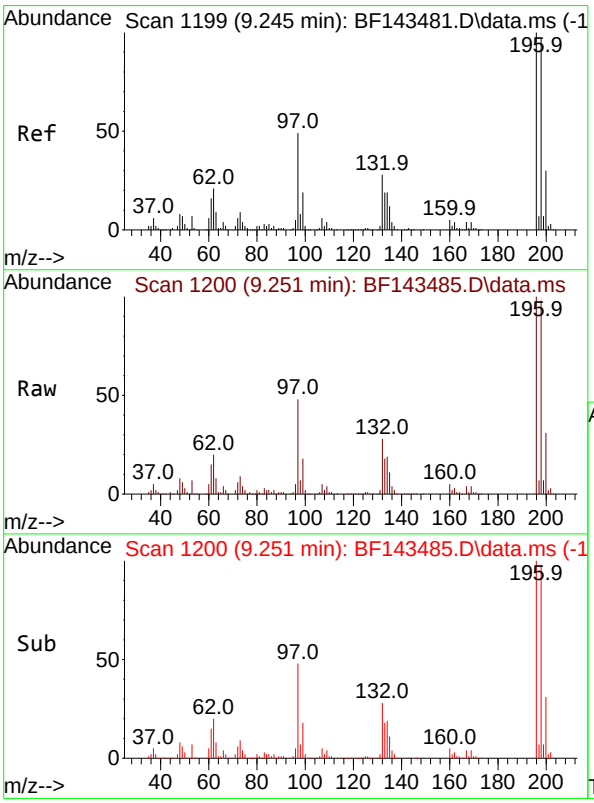
#43
2,4,6-Trichlorophenol
Concen: 41.105 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

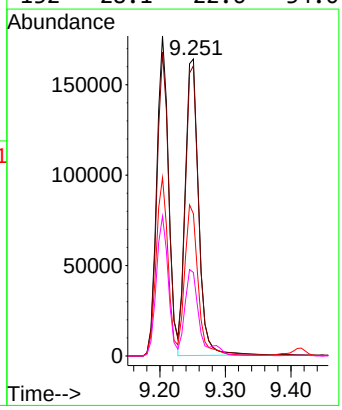


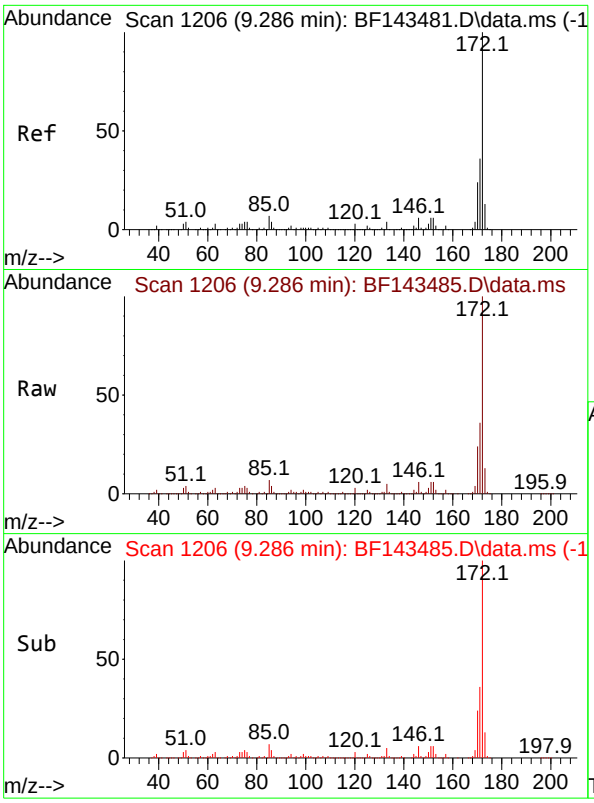


#44
2,4,5-Trichlorophenol
Concen: 39.178 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



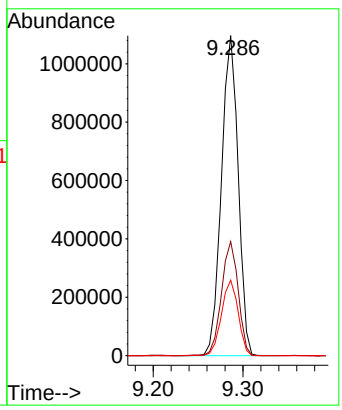


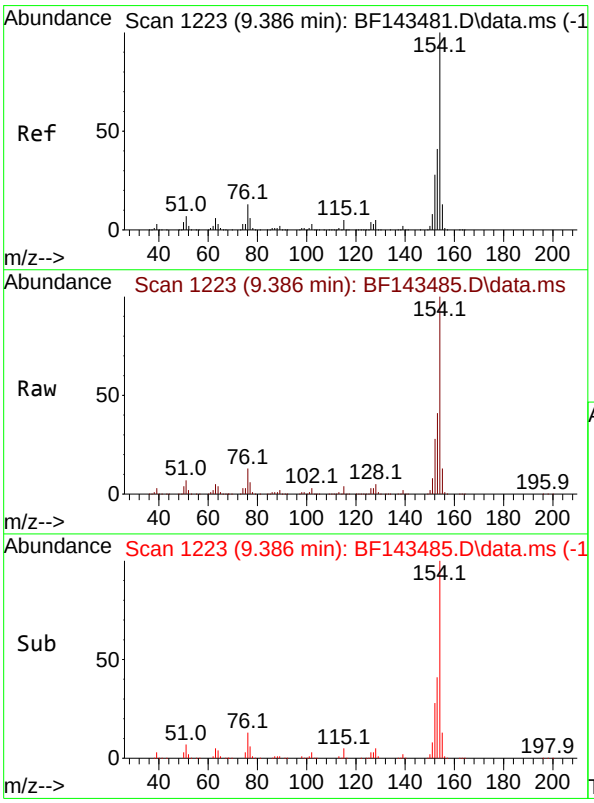
#45
2-Fluorobiphenyl
Concen: 76.290 ng
RT: 9.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

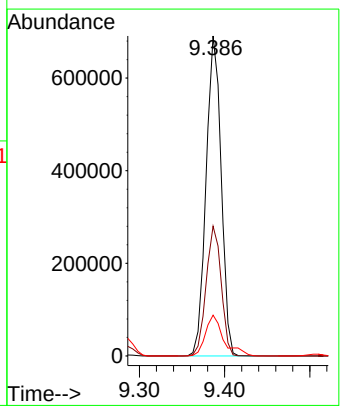


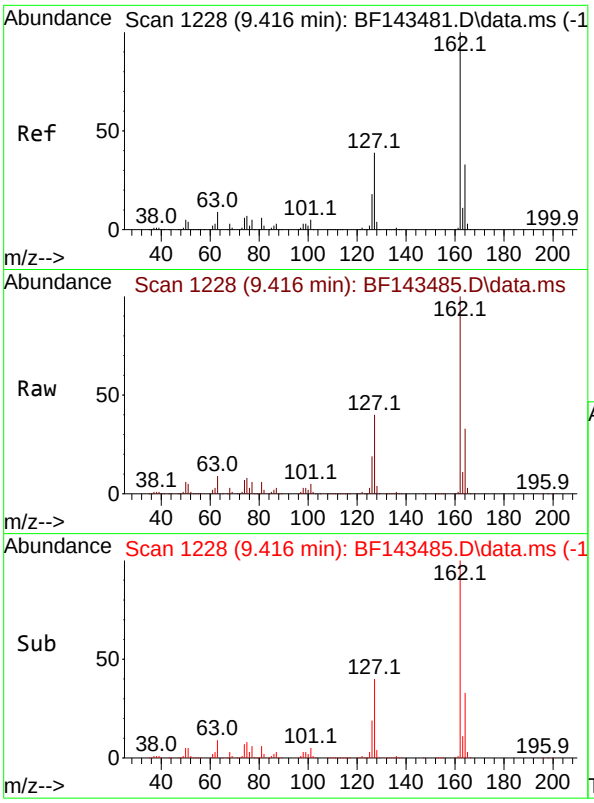


#46
1,1'-Biphenyl
Concen: 38.997 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



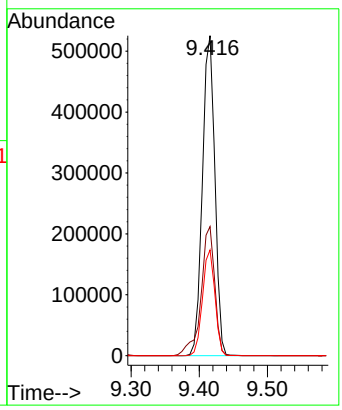


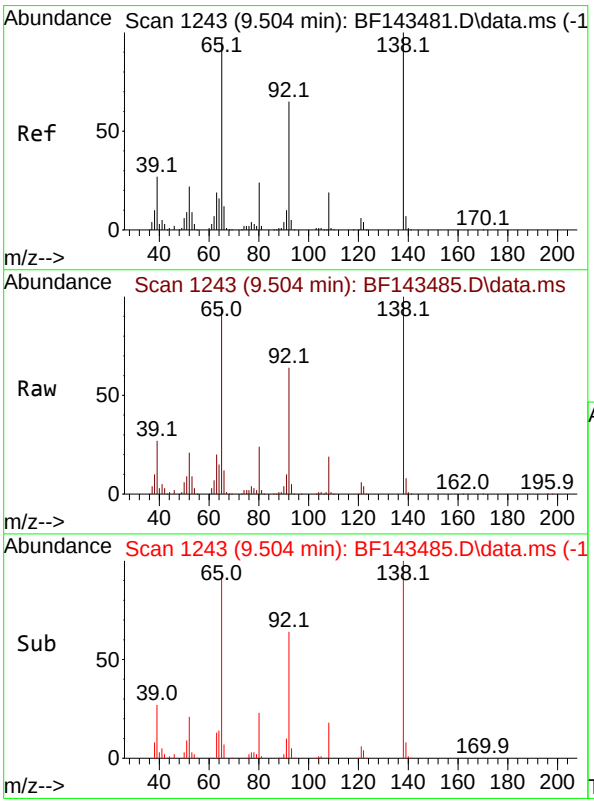
#47
2-Chloronaphthalene
Concen: 39.068 ng
RT: 9.416 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

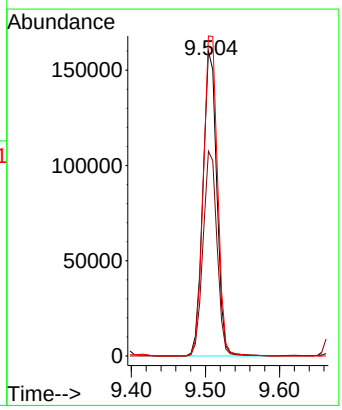


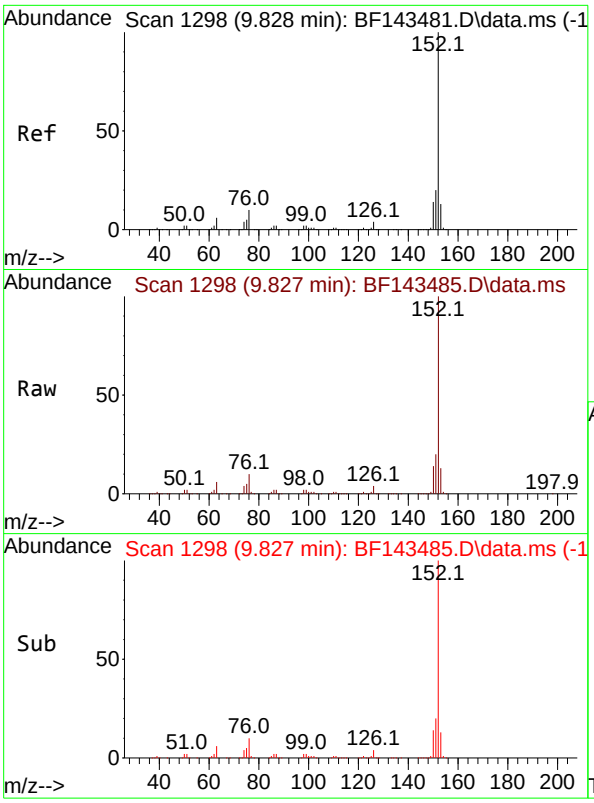


#48
2-Nitroaniline
Concen: 41.861 ng
RT: 9.504 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



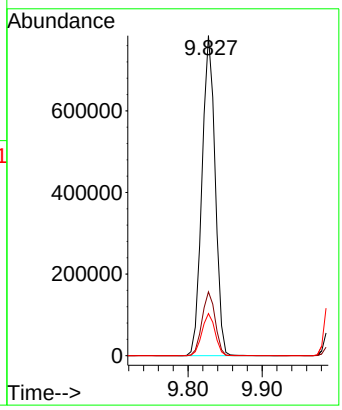


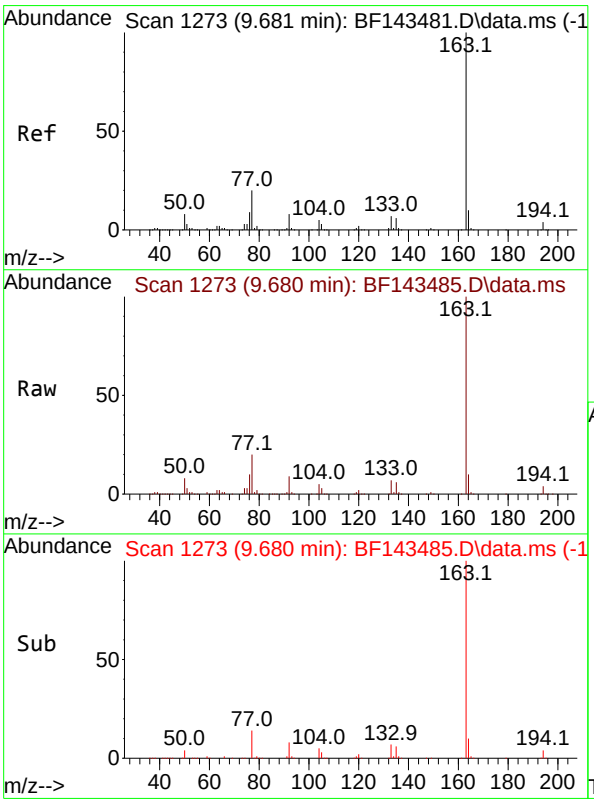
#49
Acenaphthylene
Concen: 39.557 ng
RT: 9.827 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

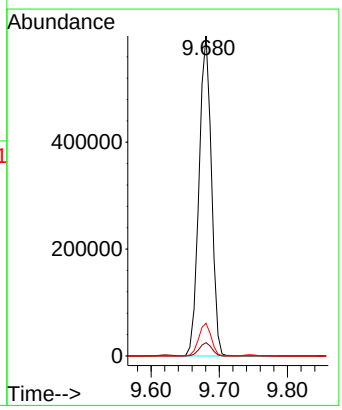


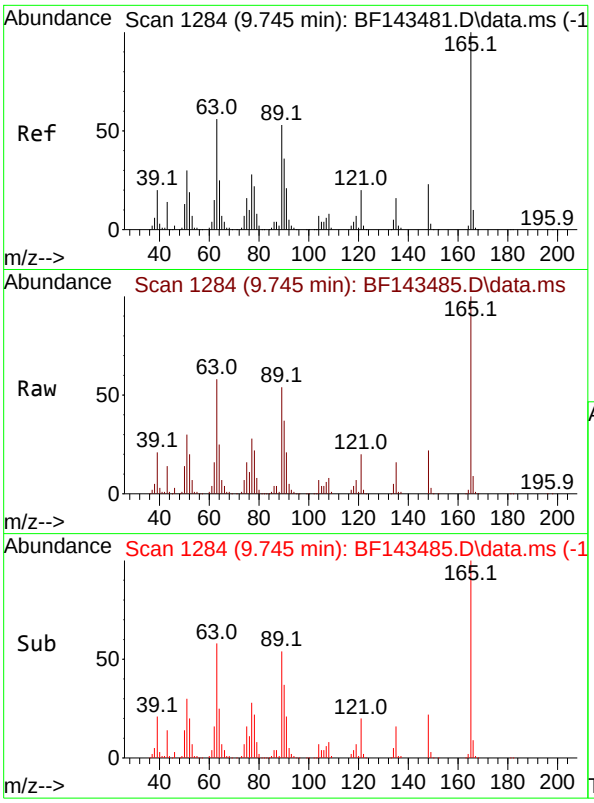


#50
Dimethylphthalate
Concen: 40.935 ng
RT: 9.680 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



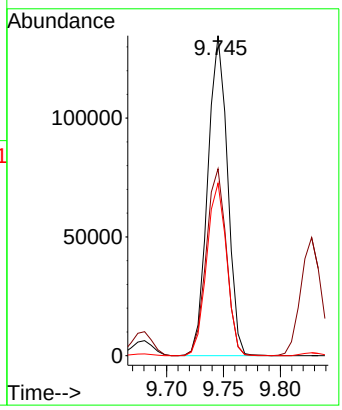


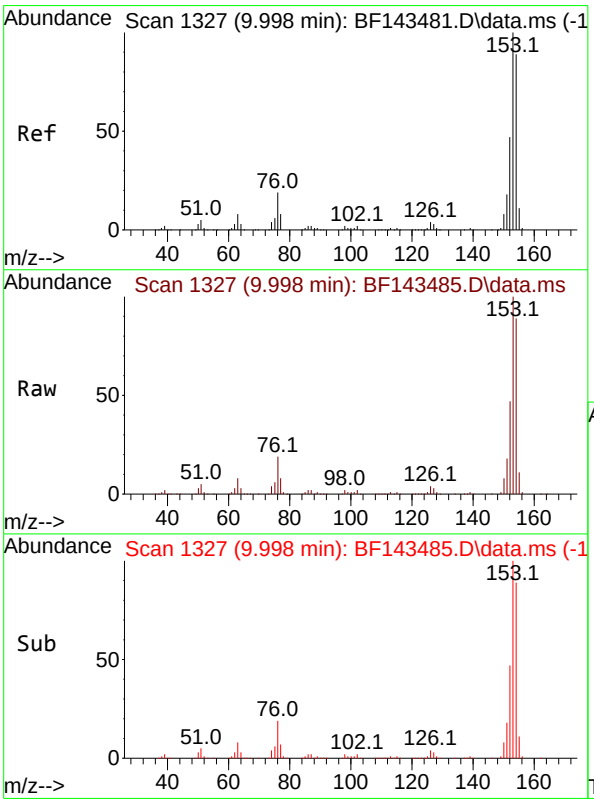
#51
2,6-Dinitrotoluene
Concen: 42.459 ng
RT: 9.745 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

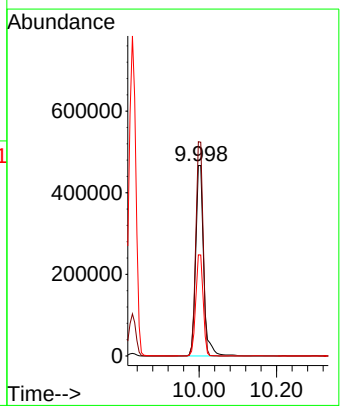


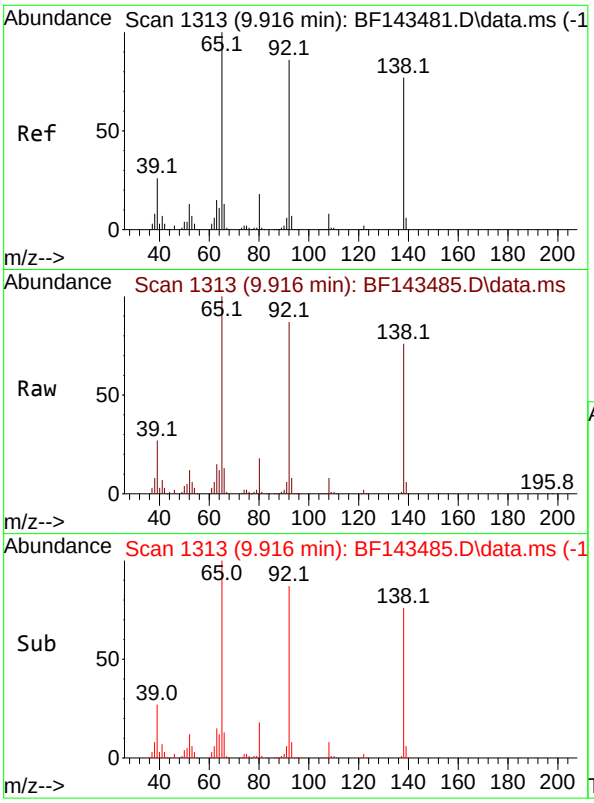


#52
Acenaphthene
Concen: 39.941 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



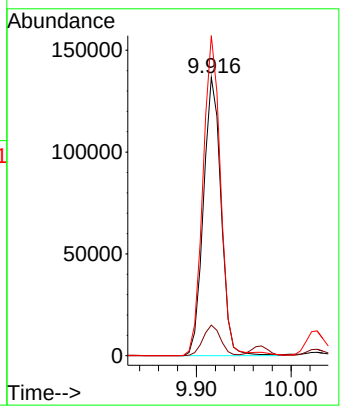


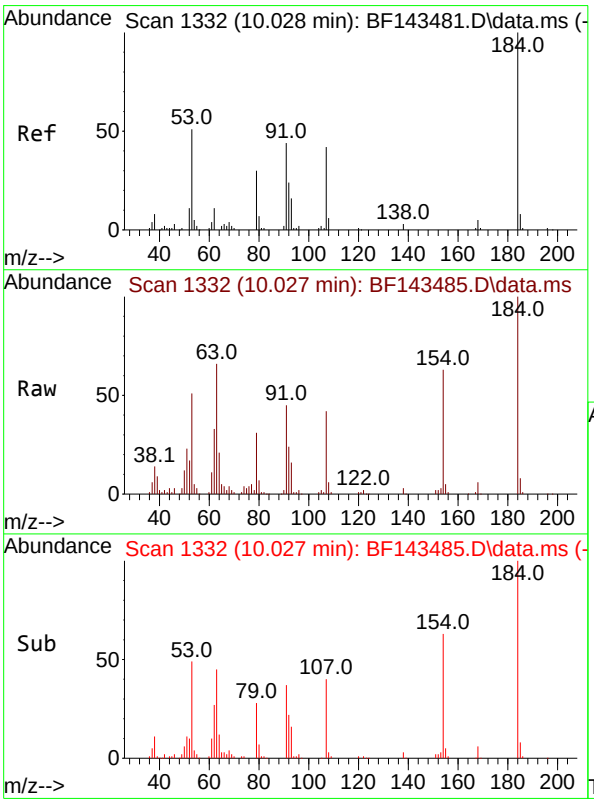
#53
3-Nitroaniline
Concen: 42.506 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

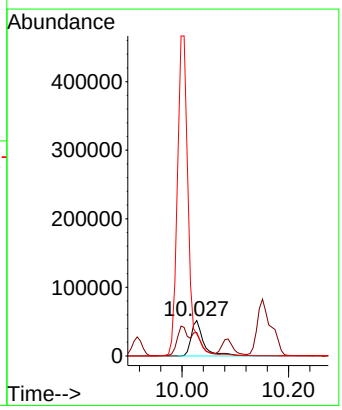


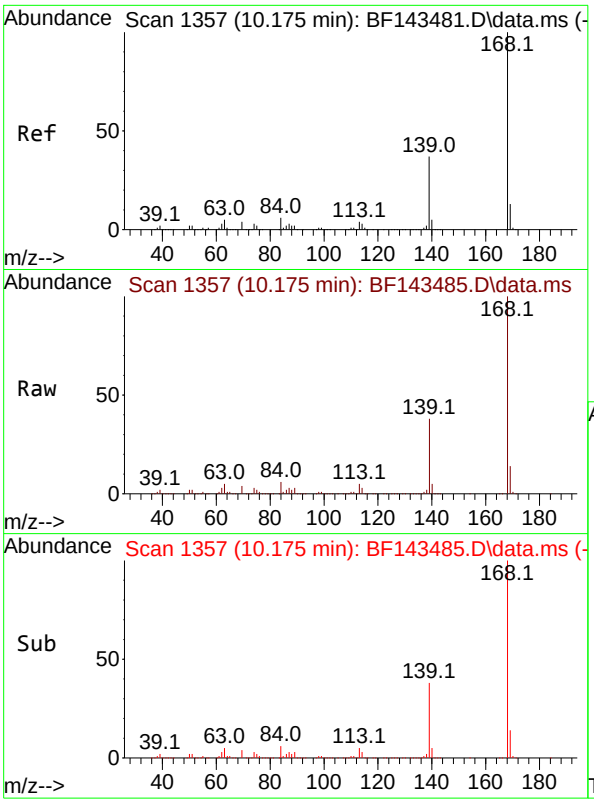


#54
2,4-Dinitrophenol
Concen: 43.761 ng
RT: 10.027 min Scan# 1332
Delta R.T. -0.001 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



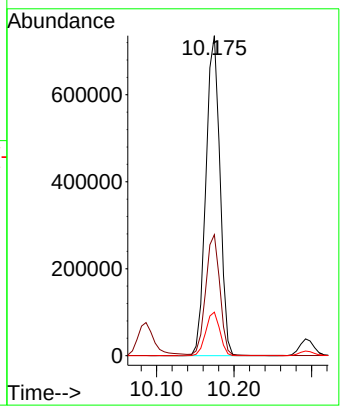


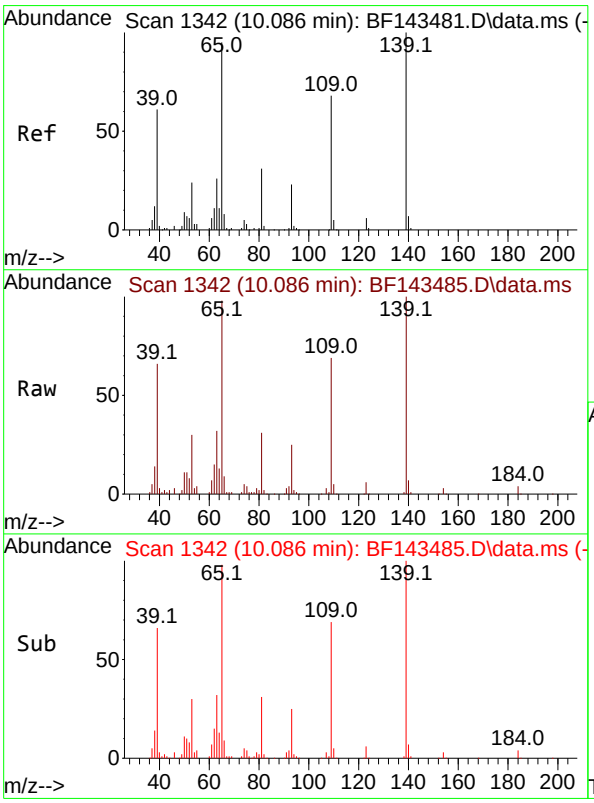
#55
Dibenzofuran
Concen: 39.023 ng
RT: 10.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

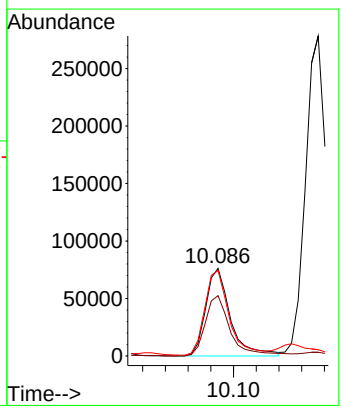


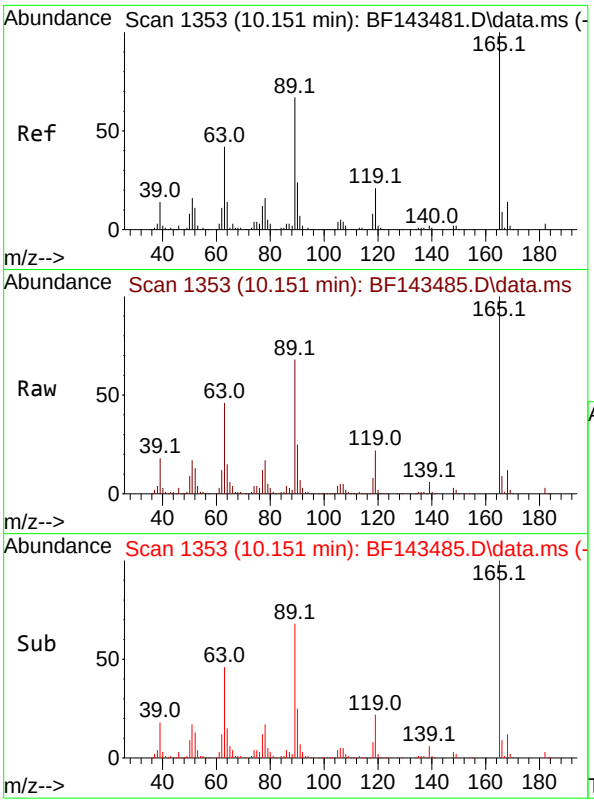


#56
4-Nitrophenol
Concen: 46.387 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



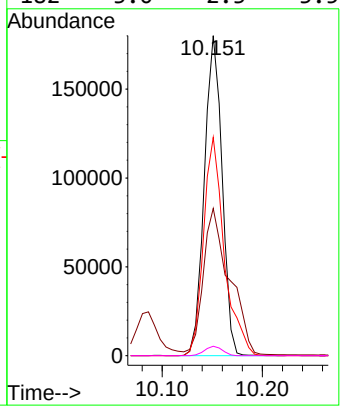


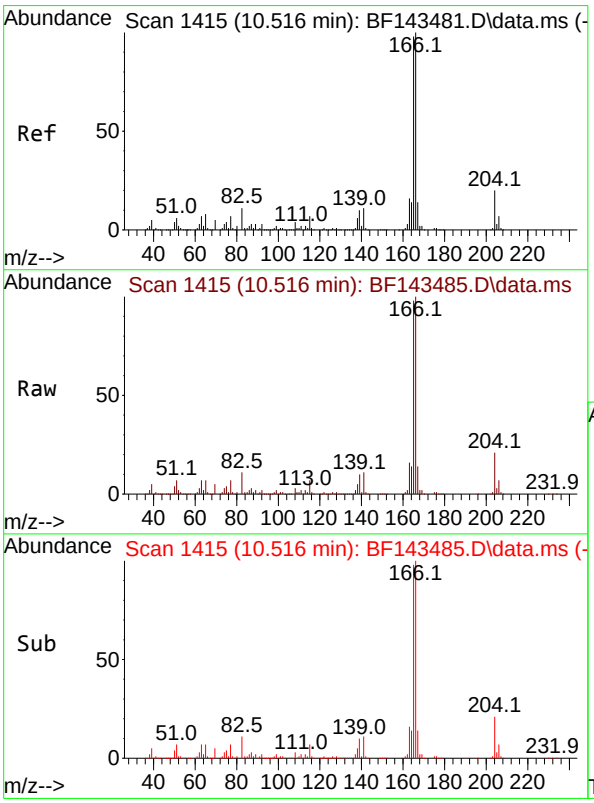
#57
2,4-Dinitrotoluene
Concen: 43.183 ng
RT: 10.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

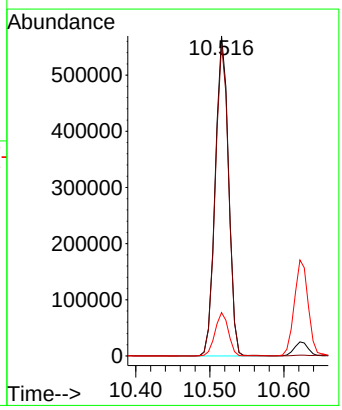


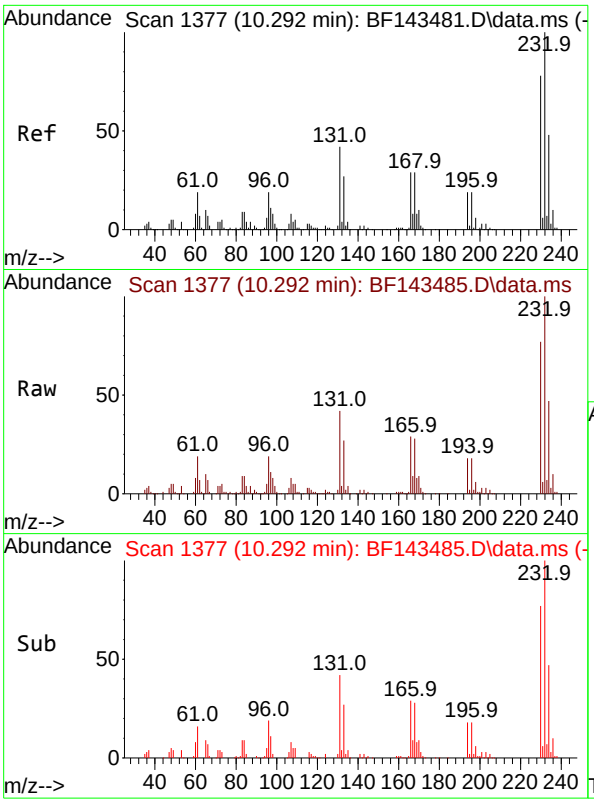


#58
Fluorene
Concen: 38.901 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



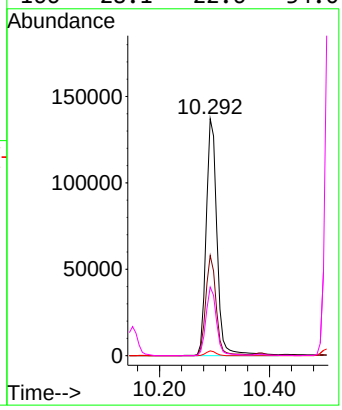


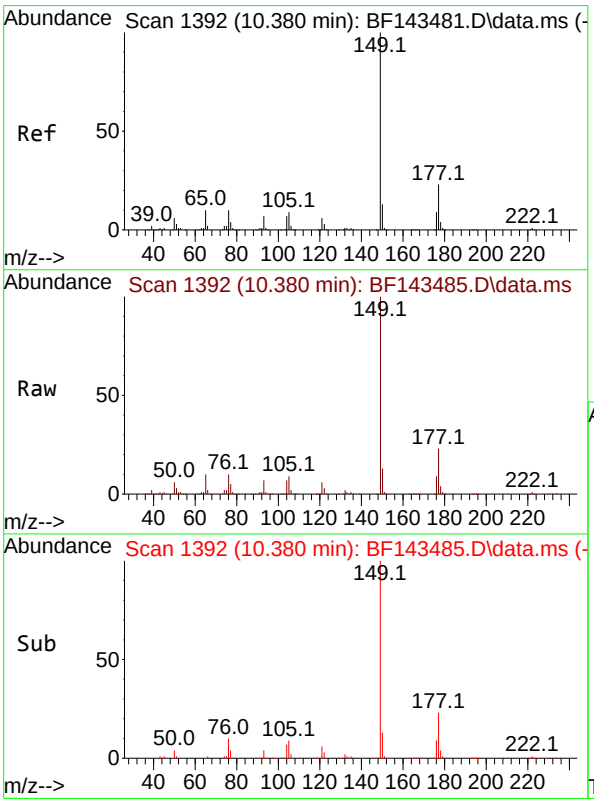
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.767 ng
RT: 10.292 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

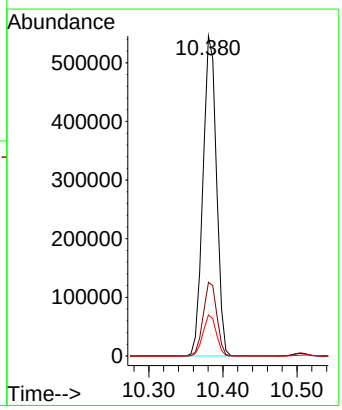


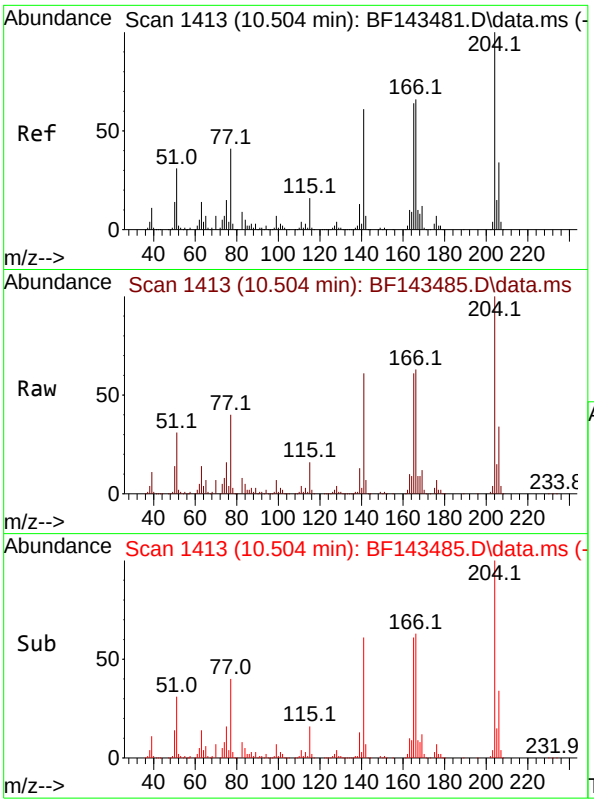


#60
Diethylphthalate
Concen: 41.708 ng
RT: 10.380 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



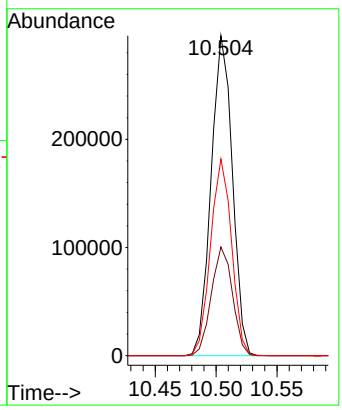


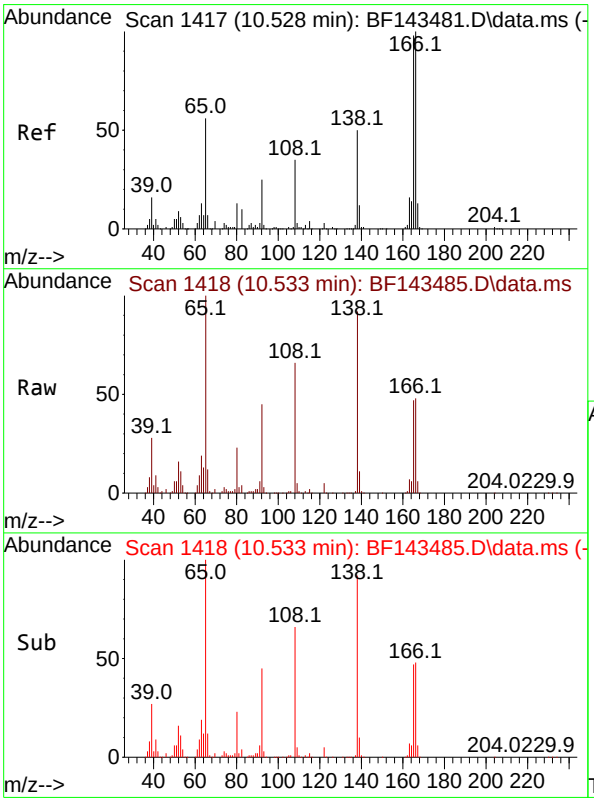
#61
4-Chlorophenyl-phenylether
Concen: 39.269 ng
RT: 10.504 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

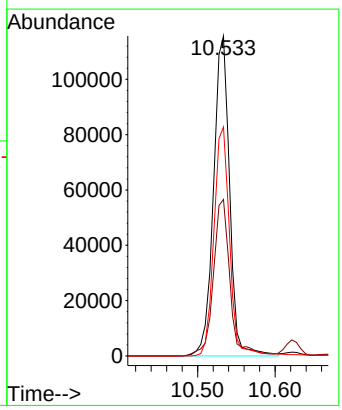


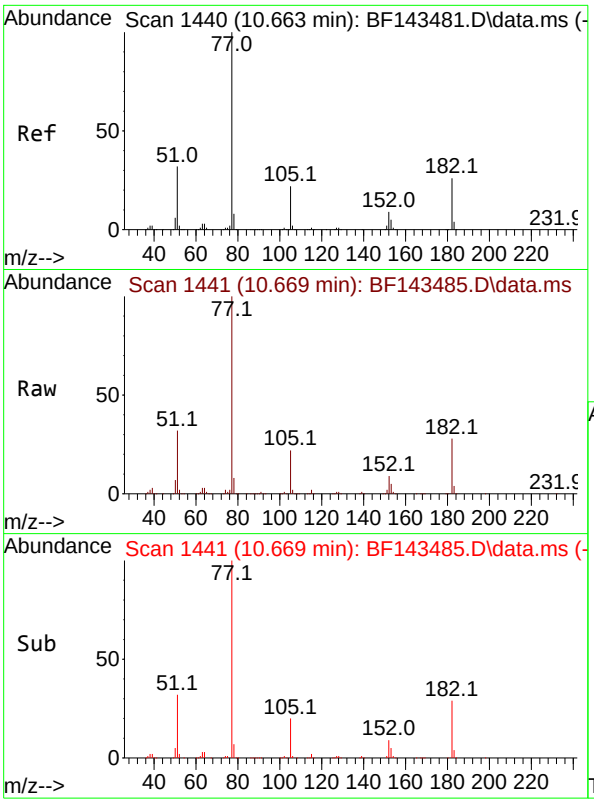


#62
4-Nitroaniline
Concen: 43.927 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



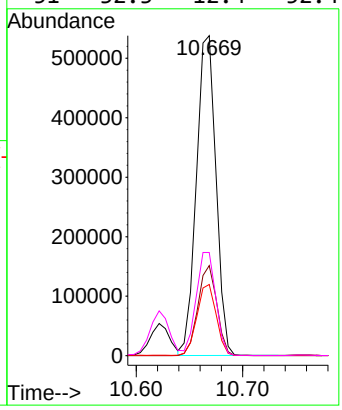


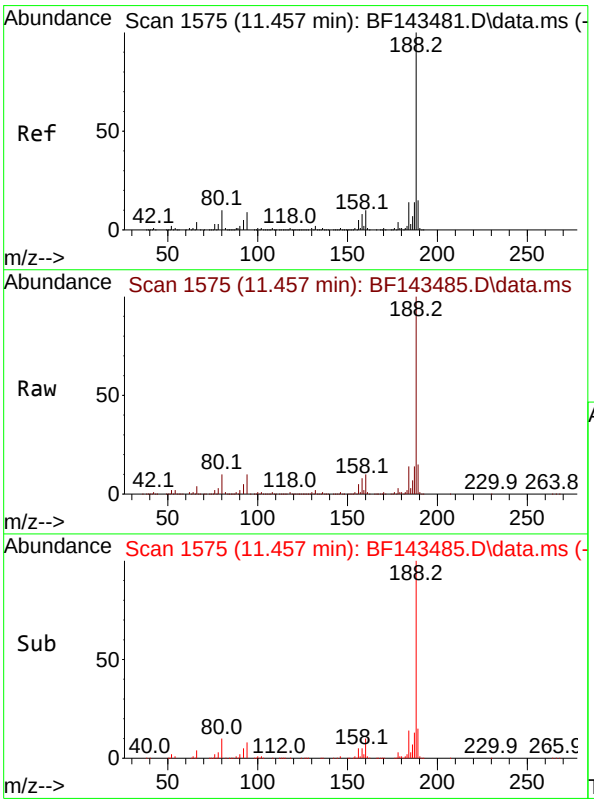
#63
Azobenzene
Concen: 39.982 ng
RT: 10.669 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

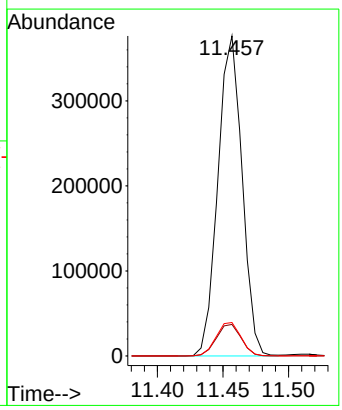


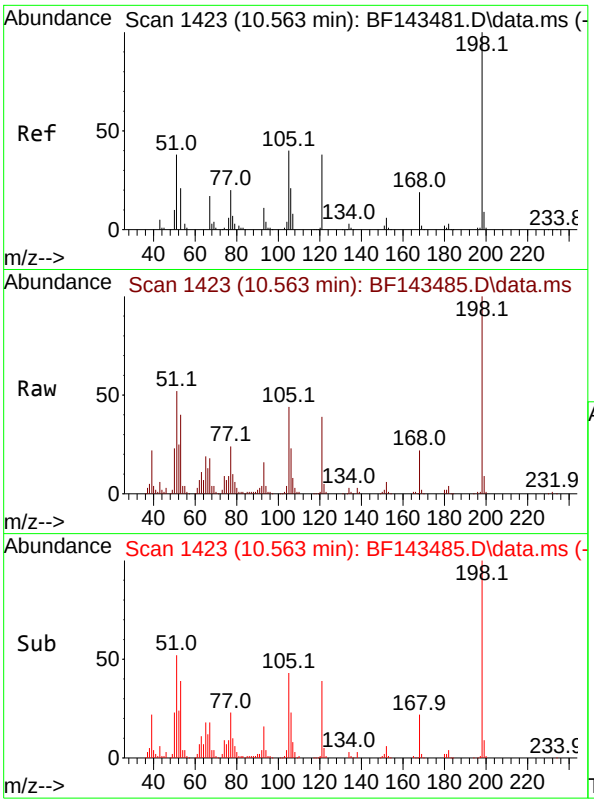


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



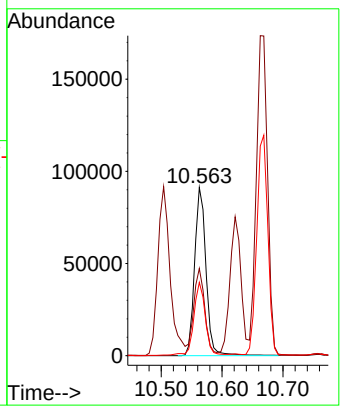


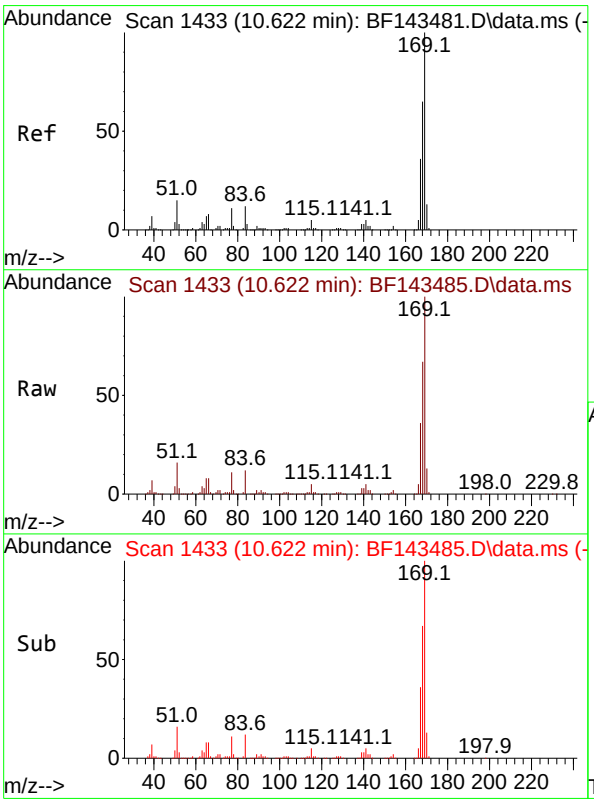
#65
4,6-Dinitro-2-methylphenol
Concen: 43.849 ng
RT: 10.563 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

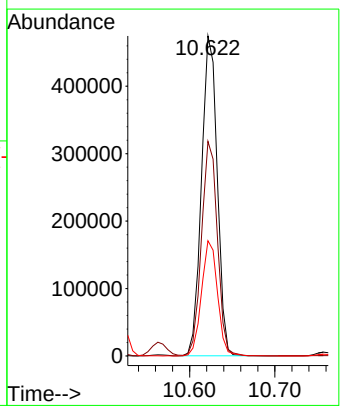


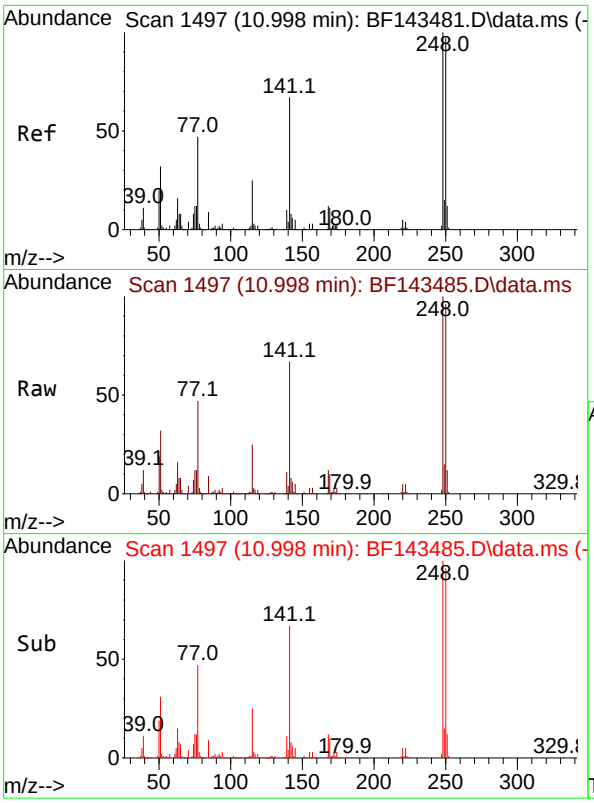


#66
n-Nitrosodiphenylamine
Concen: 39.212 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



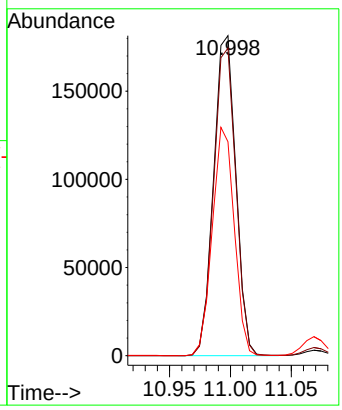


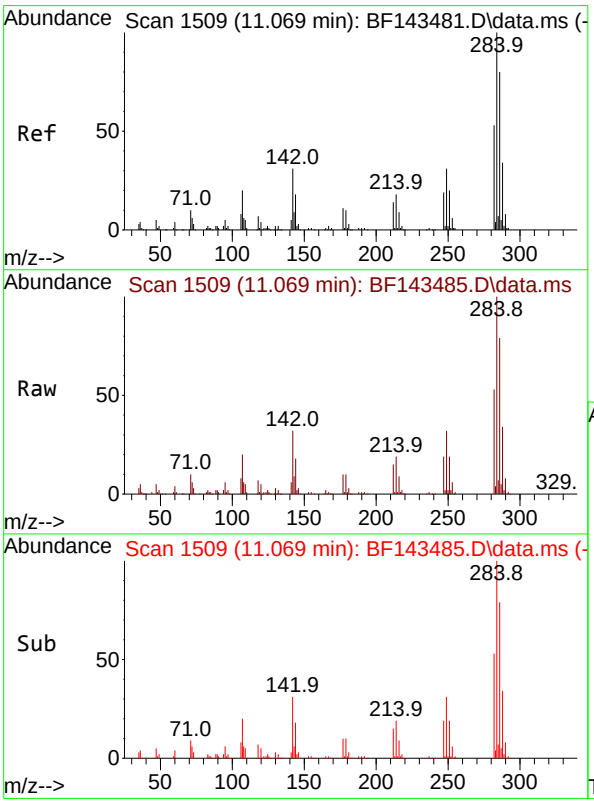
#67
4-Bromophenyl-phenylether
Concen: 40.305 ng
RT: 10.998 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

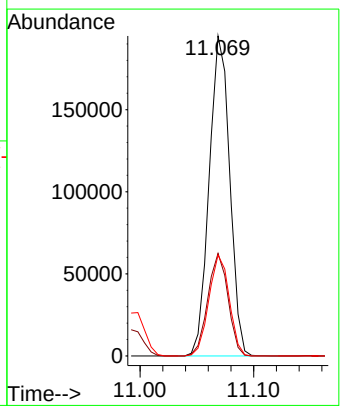


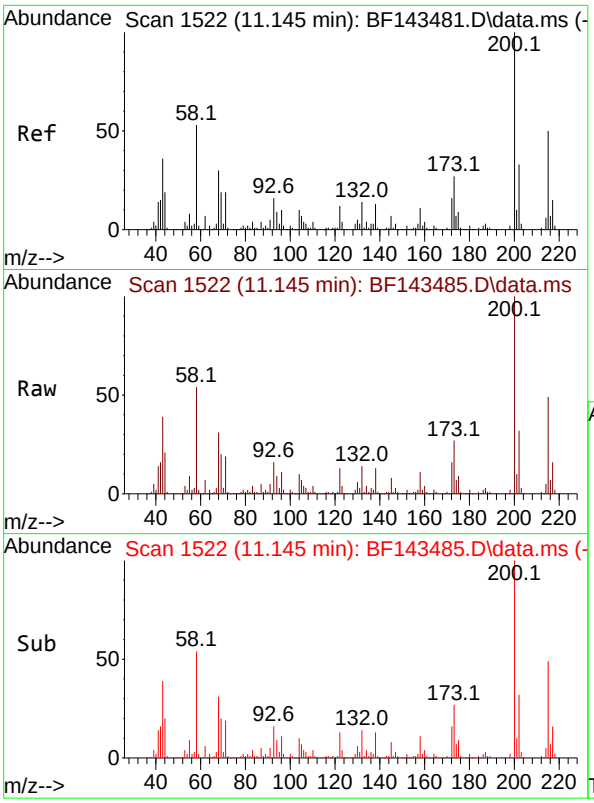


#68
Hexachlorobenzene
Concen: 39.544 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



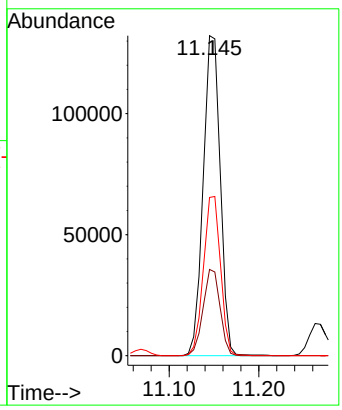


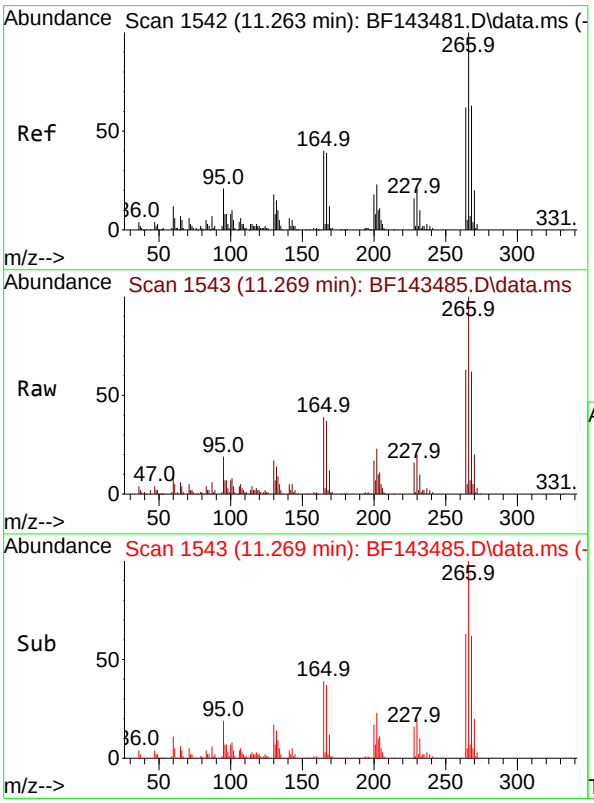
#69
Atrazine
Concen: 43.693 ng
RT: 11.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

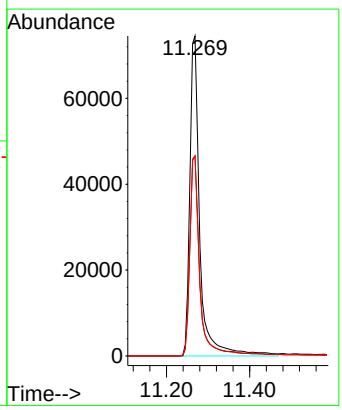


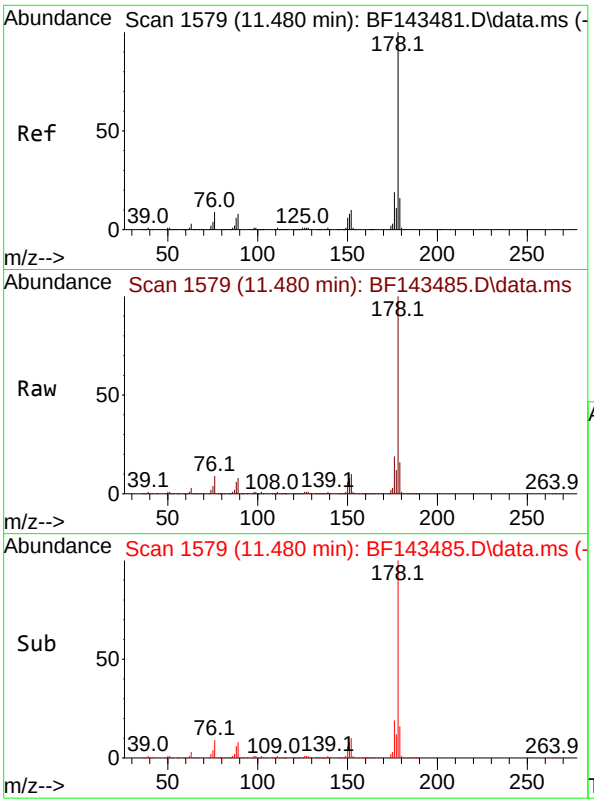


#70
Pentachlorophenol
Concen: 43.916 ng
RT: 11.269 min Scan# 1543
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



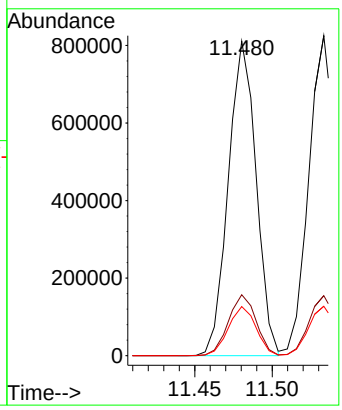


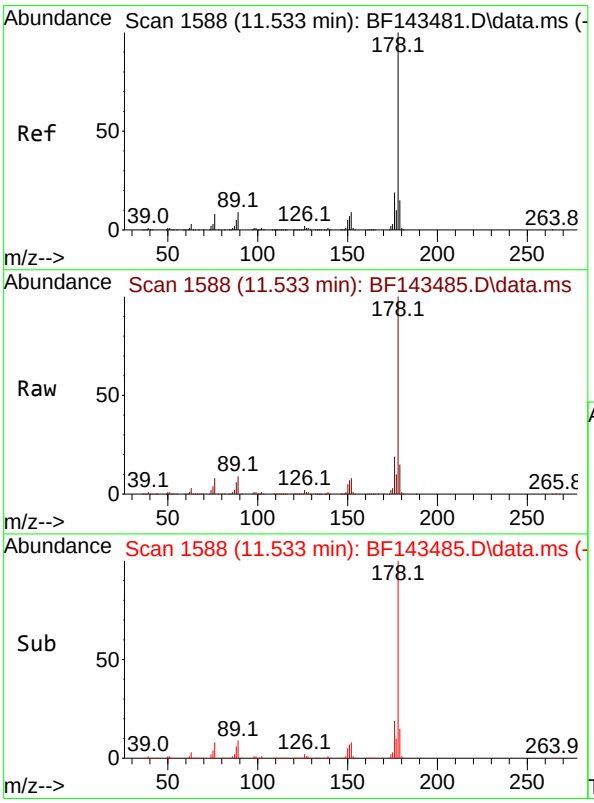
#71
Phenanthrene
Concen: 39.237 ng
RT: 11.480 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

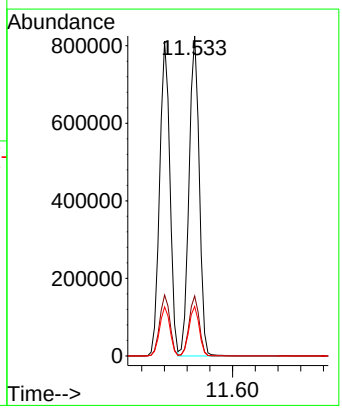


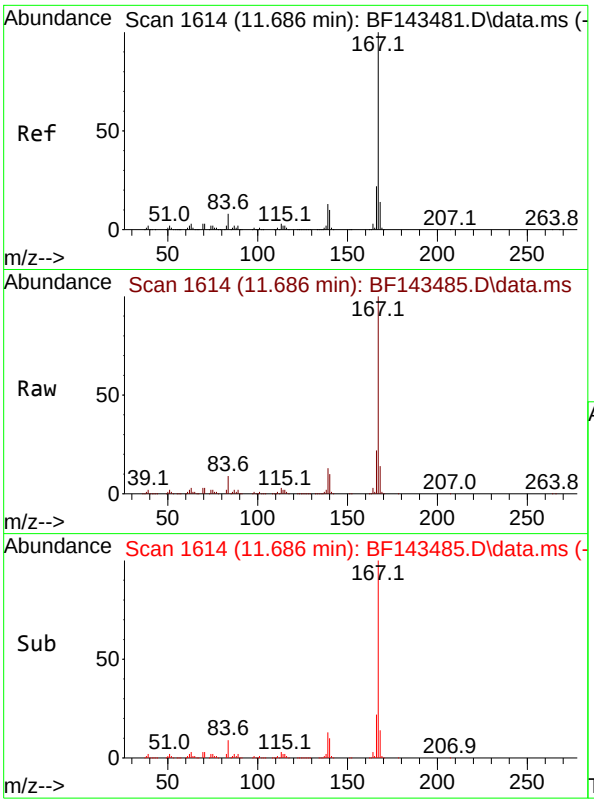


#72
Anthracene
Concen: 39.390 ng
RT: 11.533 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



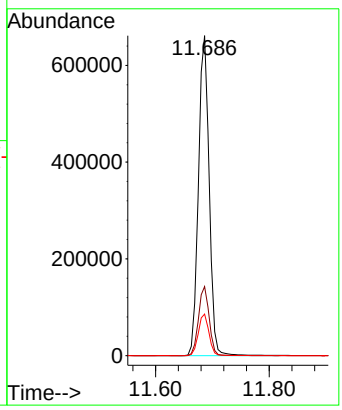


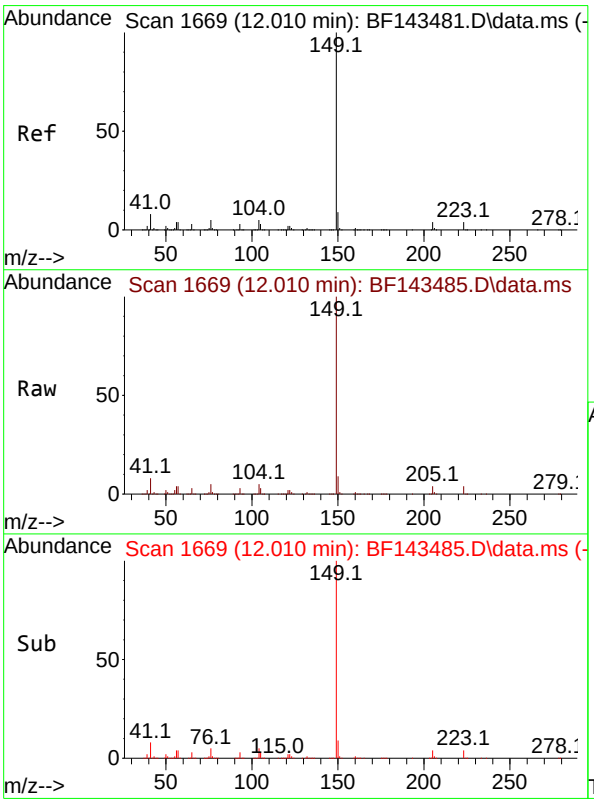
#73
Carbazole
Concen: 40.413 ng
RT: 11.686 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

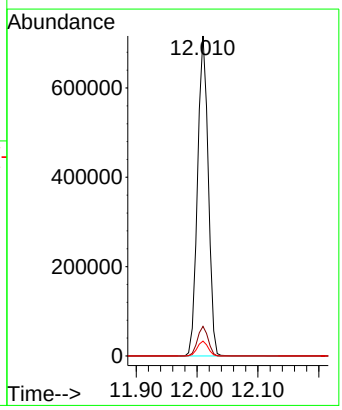


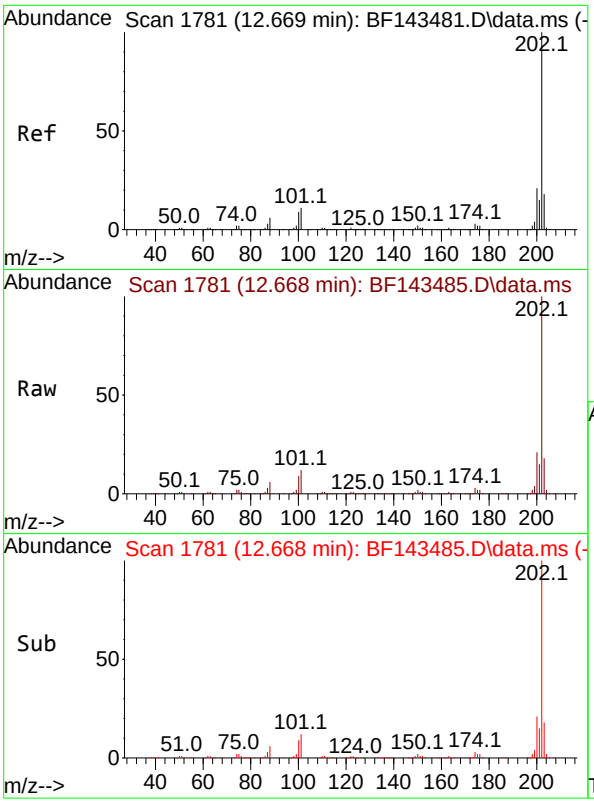


#74
Di-n-butylphthalate
Concen: 43.507 ng
RT: 12.010 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



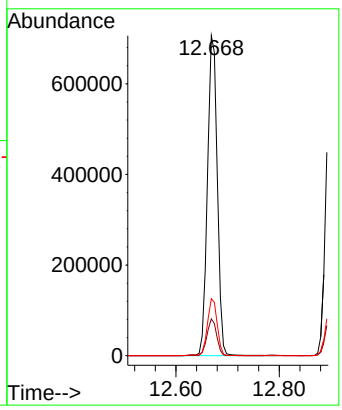


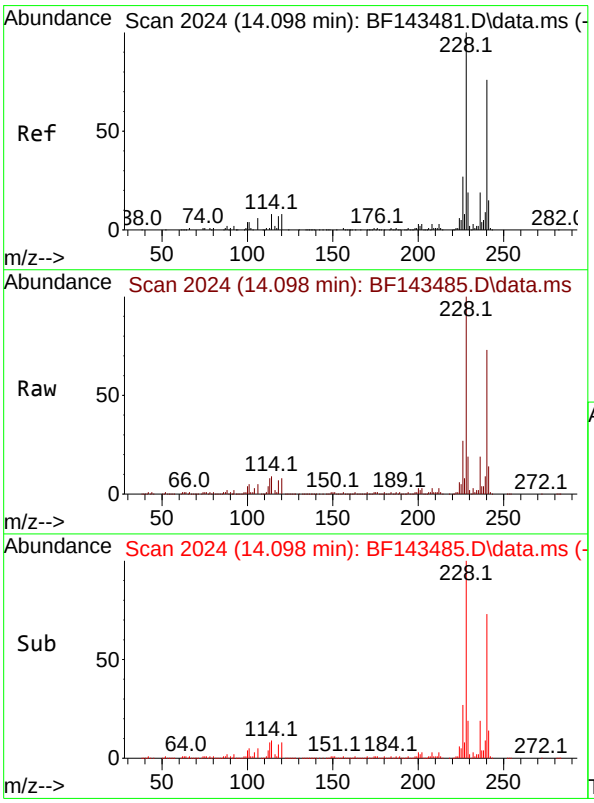
#75
Fluoranthene
Concen: 40.261 ng
RT: 12.668 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

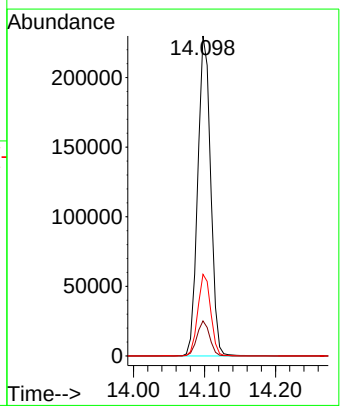


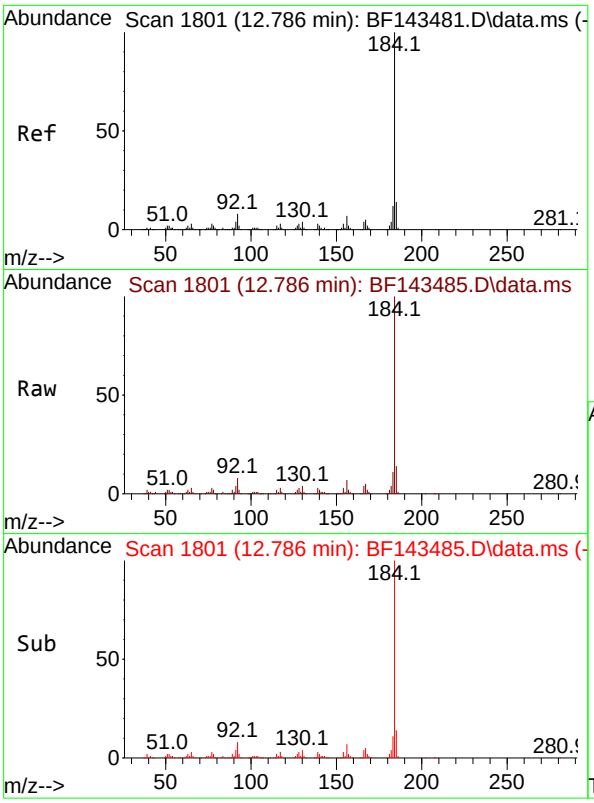


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



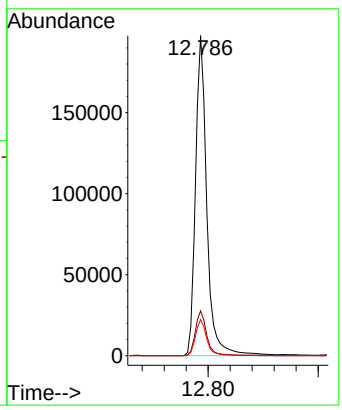


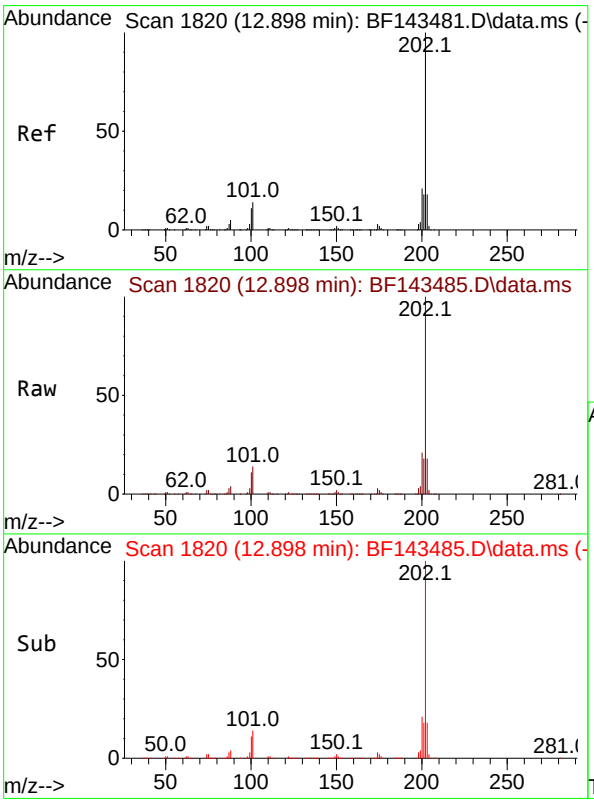
#77
Benzidine
Concen: 39.962 ng
RT: 12.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

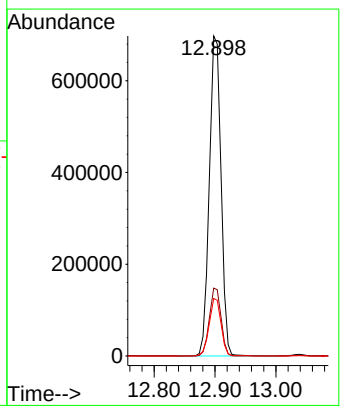


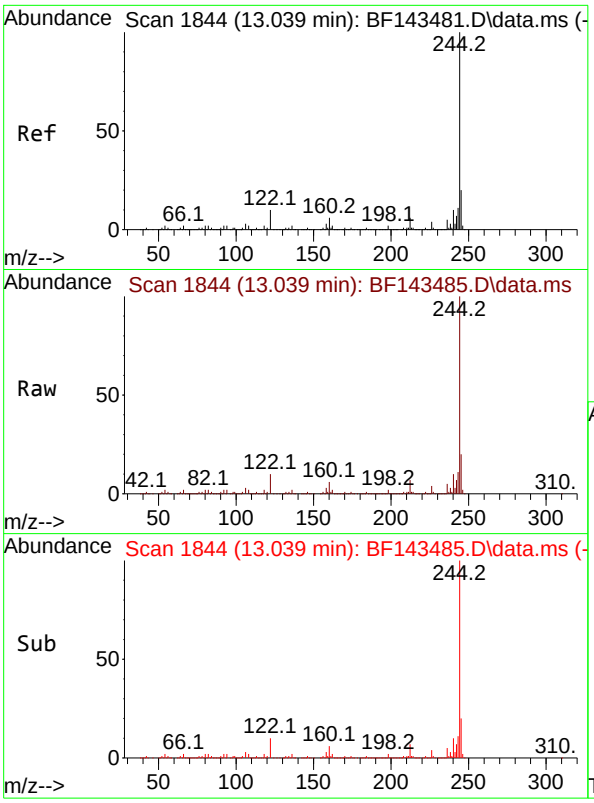


#78
Pyrene
Concen: 38.897 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



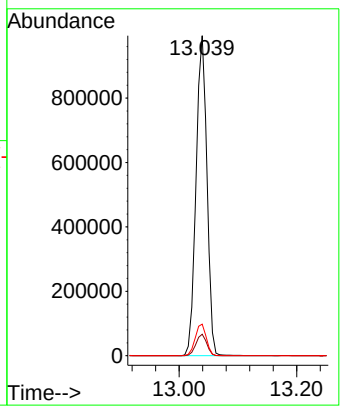


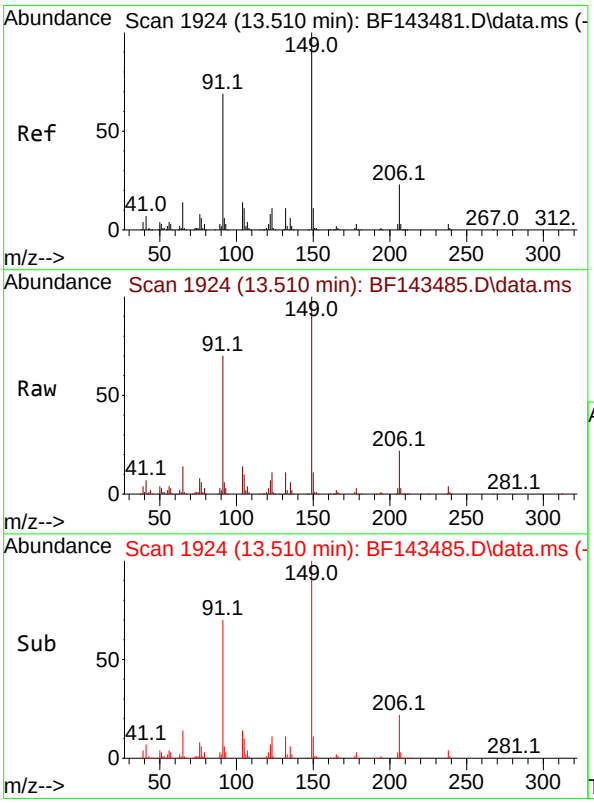
#79
Terphenyl-d14
Concen: 76.705 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

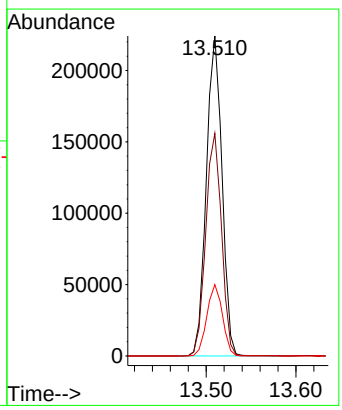


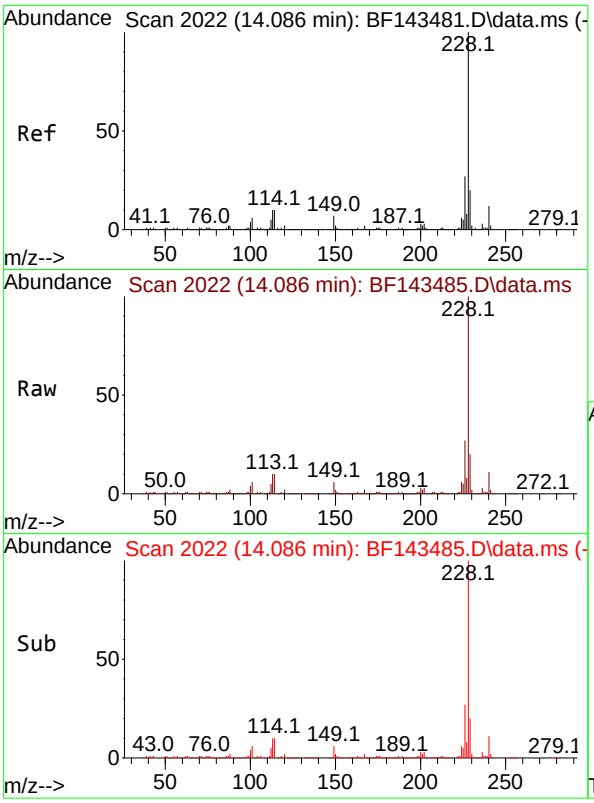


#80
Butylbenzylphthalate
Concen: 41.549 ng
RT: 13.510 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



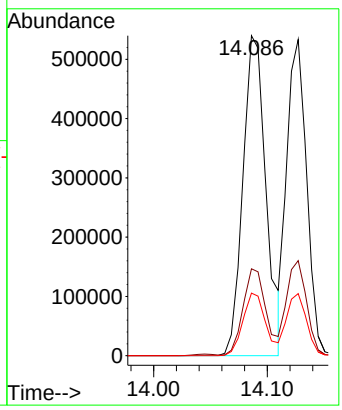


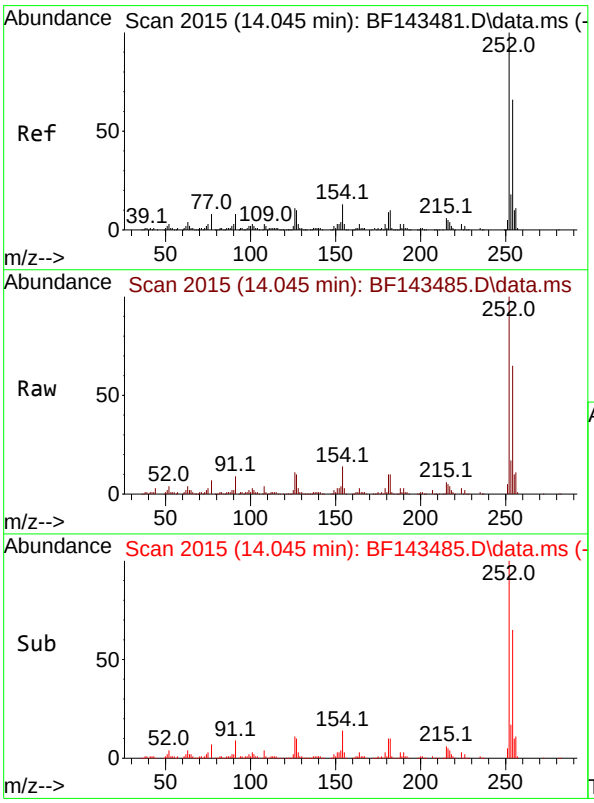
#81
Benzo(a)anthracene
Concen: 40.783 ng
RT: 14.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

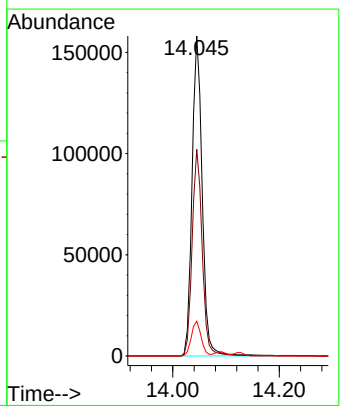


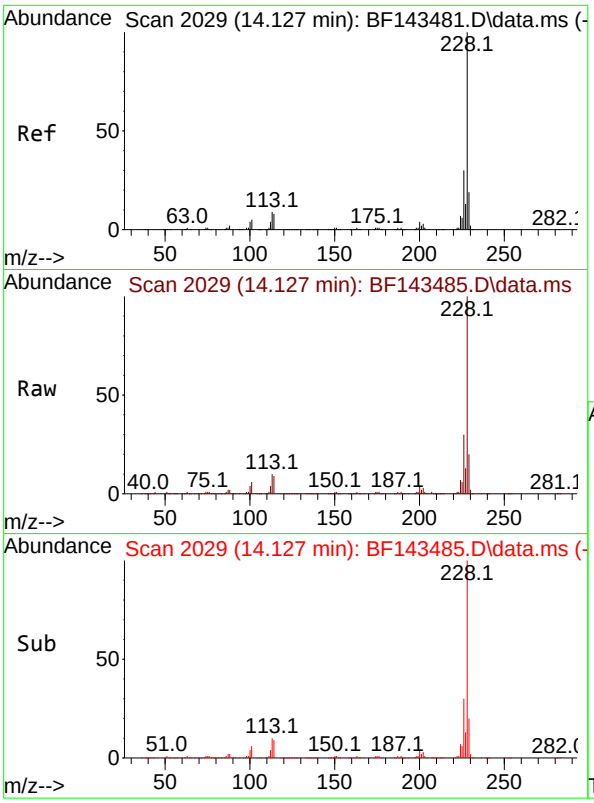


#82
3,3'-Dichlorobenzidine
Concen: 38.975 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



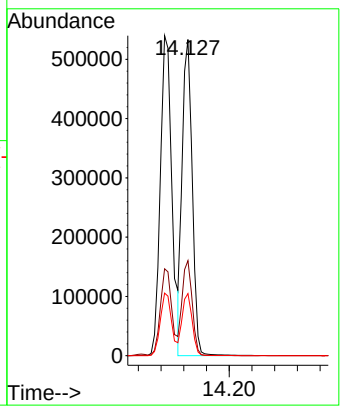


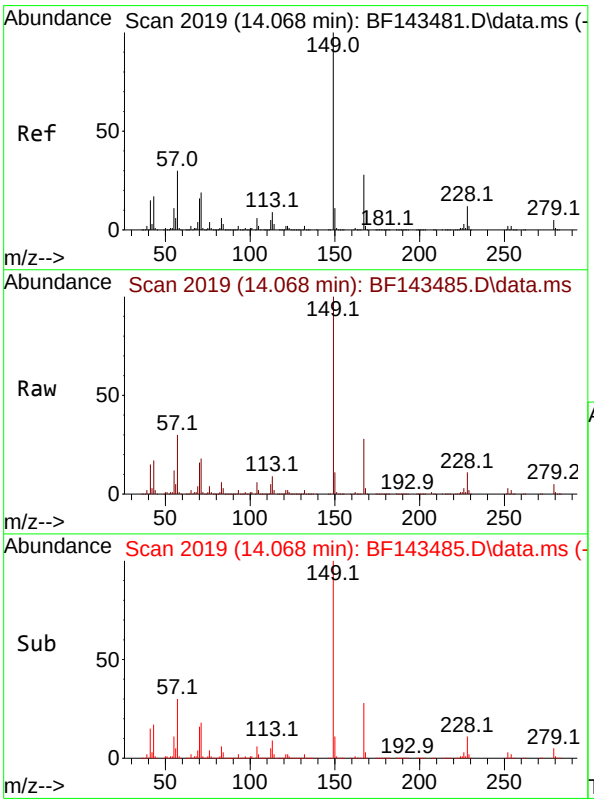
#83
Chrysene
Concen: 38.711 ng
RT: 14.127 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

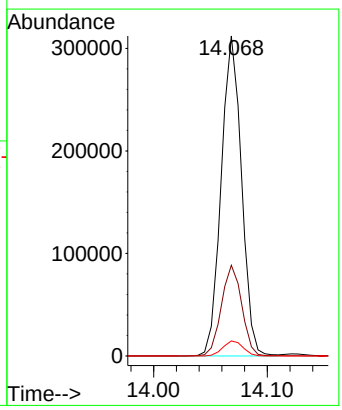


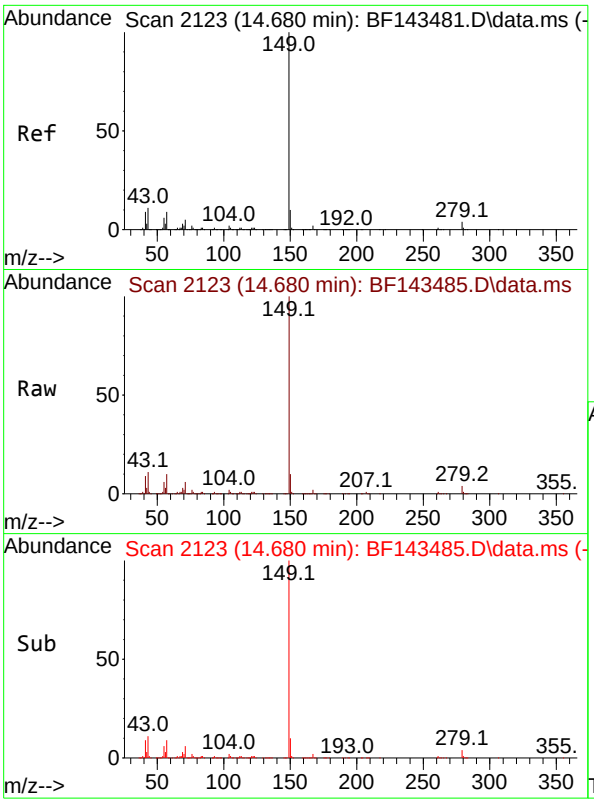


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.990 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



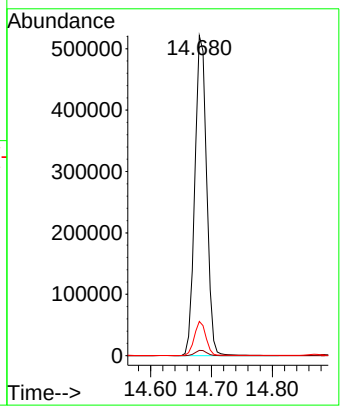


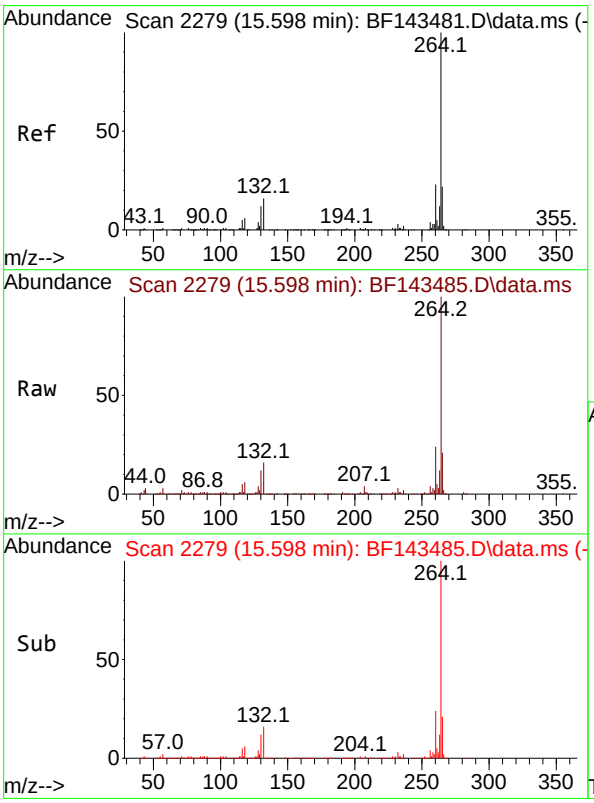
#85
Di-n-octyl phthalate
Concen: 37.975 ng
RT: 14.680 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

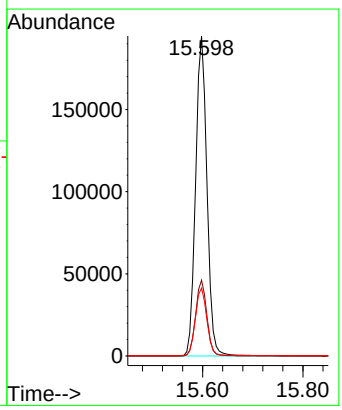


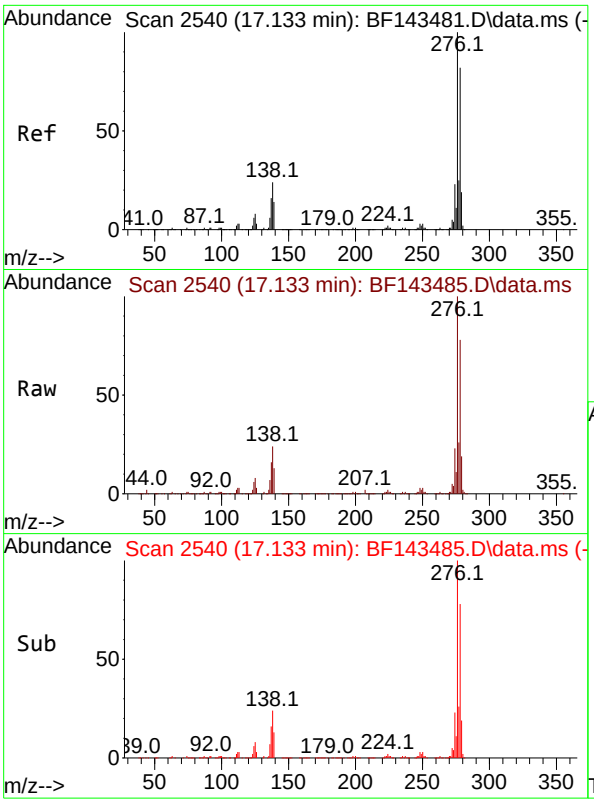


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



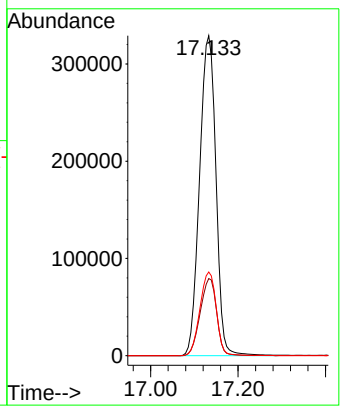


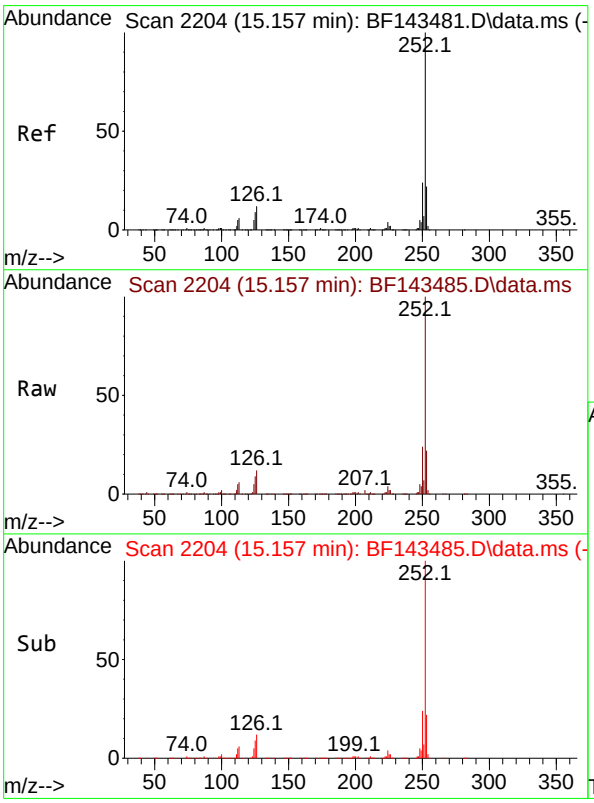
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.281 ng
RT: 17.133 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

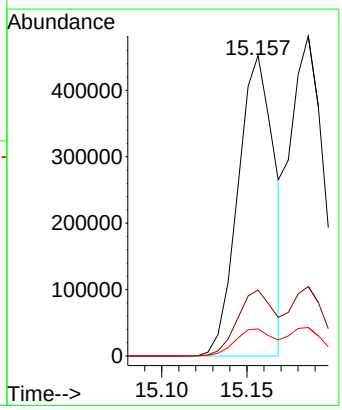


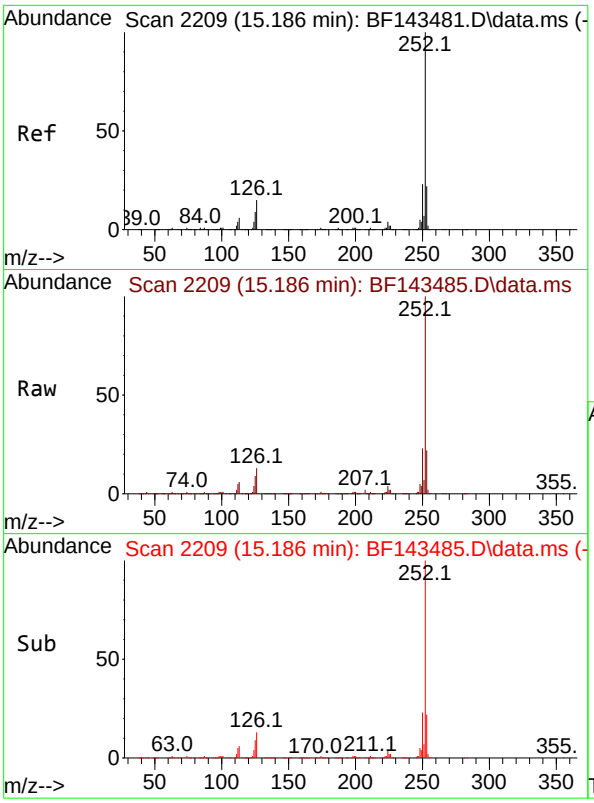


#88
Benzo(b)fluoranthene
Concen: 39.433 ng
RT: 15.157 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



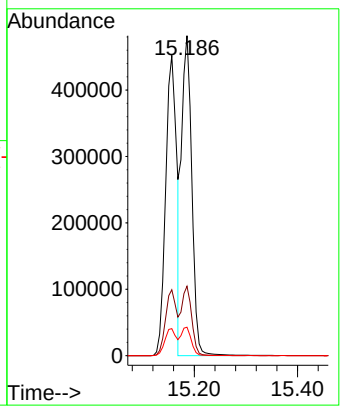


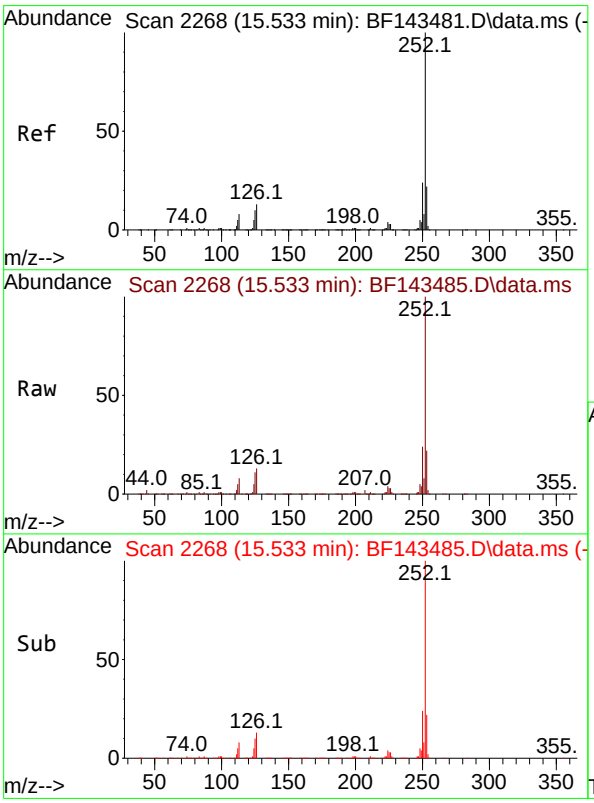
#89
Benzo(k)fluoranthene
Concen: 40.992 ng
RT: 15.186 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

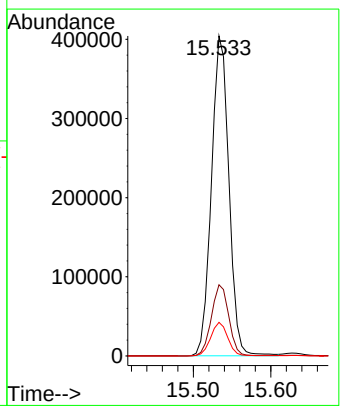


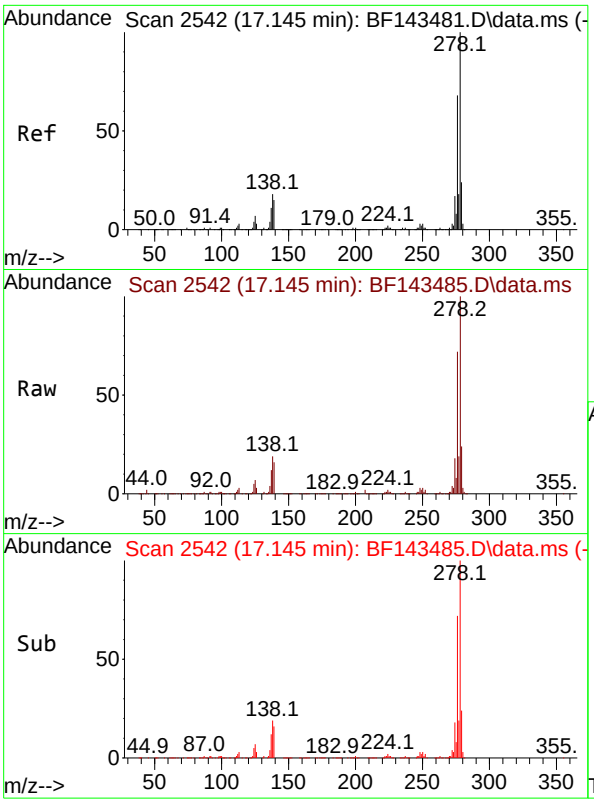


#90
Benzo(a)pyrene
Concen: 40.208 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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



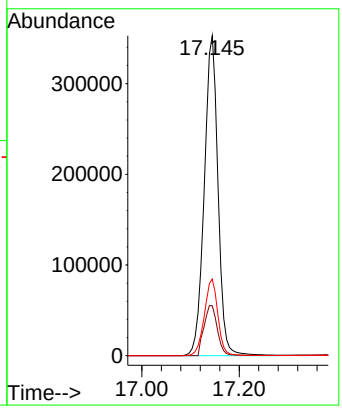


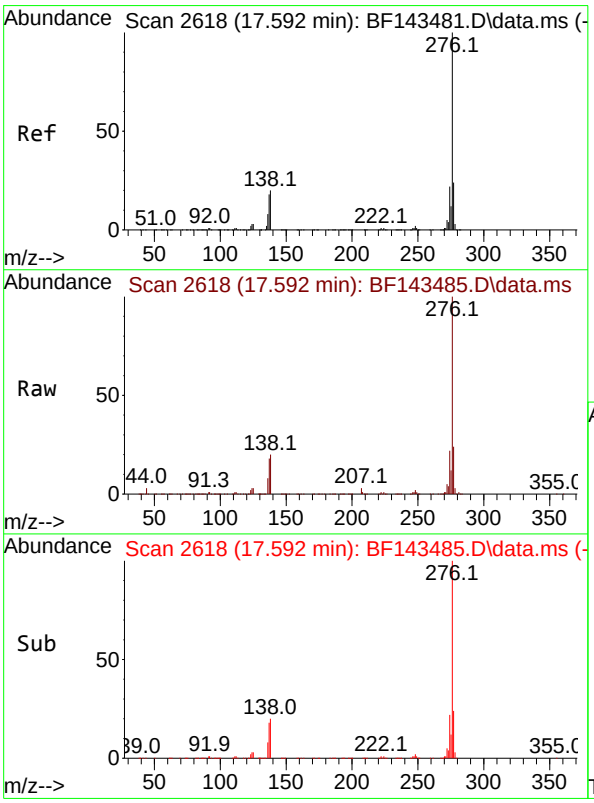
#91
Dibenzo(a,h)anthracene
Concen: 39.378 ng
RT: 17.145 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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

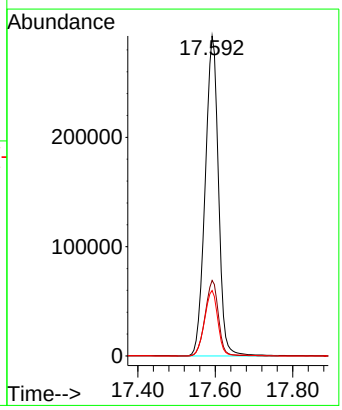




#92
Benzo(g,h,i)perylene
Concen: 39.992 ng
RT: 17.592 min Scan# 2618
Delta R.T. -0.012 min
Lab File: BF143485.D
Acq: 20 Aug 2025 15:16

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
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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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	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.: Q2903

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.: Q2903

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.: Q2903

Instrument ID: BNA_P Calibration Date(s): 08/14/2025 08/14/2025

Calibration Time(s): 12:33 17:24

LAB FILE ID: RRF2.5 = BP025392.D RRF005 = BP025393.D RRF010 = BP025394.D
RRF020 = BP025395.D RRF040 = BP025396.D RRF050 = BP025397.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.180	1.125	1.179	1.156	1.290	1.199	4.6
Benzo(g,h,i)perylene		1.162	1.118	1.169	1.138	1.248	1.178	3.9
1,2,4,5-Tetrachlorobenzene		0.578	0.559	0.585	0.560	0.610	0.578	3.0
1,4-Dioxane		0.520	0.464	0.475	0.445	0.479	0.472	5.1
2,3,4,6-Tetrachlorophenol		0.375	0.360	0.366	0.368	0.402	0.377	4.0

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 14 18:14:31 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP025392.D 5 =BP025393.D 10 =BP025394.D 20 =BP025395.D 40 =BP025396.D 50 =BP025397.D 60 =BP025398.D 80 =BP0253
99.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.520	0.464	0.475	0.445	0.479	0.462	0.458	0.472	5.07
3)		Pyridine		1.446	1.250	1.256	1.220	1.317	1.281	1.268	1.291	5.77
4)		n-Nitrosodimet...			0.515	0.512	0.511	0.559	0.555	0.541	0.532	4.13
5)	S	2-Fluorophenol		1.232	1.177	1.194	1.162	1.240	1.226	1.199	1.204	2.42
6)		Aniline		2.098	1.962	2.030	2.020	2.194	2.164	2.094	2.080	3.96
7)	S	Phenol-d6		1.483	1.467	1.533	1.513	1.641	1.609	1.563	1.544	4.16
8)		2-Chlorophenol		1.351	1.283	1.347	1.313	1.428	1.414	1.378	1.359	3.83
9)		Benzaldehyde			0.987	0.956	1.366	1.262	1.005	0.915	1.082	17.12
10)	C	Phenol		1.594	1.529	1.613	1.575	1.707	1.688	1.635	1.620	3.87
11)		bis(2-Chloroet...		1.283	1.183	1.273	1.222	1.321	1.303	1.255	1.263	3.78
12)		1,3-Dichlorobe...		1.532	1.433	1.503	1.443	1.555	1.530	1.493	1.499	3.07
13)	C	1,4-Dichlorobe...		1.587	1.490	1.527	1.467	1.596	1.544	1.510	1.532	3.12
14)		1,2-Dichlorobe...		1.558	1.430	1.491	1.431	1.533	1.487	1.449	1.483	3.35
15)		Benzyl Alcohol			1.138	1.205	1.193	1.287	1.289	1.250	1.227	4.83
16)		2,2'-oxybis(1-...		1.762	1.592	1.712	1.620	1.751	1.740	1.665	1.692	3.96
17)		2-Methylphenol		1.075	1.030	1.123	1.107	1.198	1.191	1.154	1.125	5.41
18)		Hexachloroethane		0.577	0.544	0.552	0.545	0.588	0.578	0.559	0.563	3.13
19)	P	n-Nitroso-di-n...	1.014	1.066	0.959	1.056	0.992	1.053	1.042	1.000	1.023	3.68
20)		3+4-Methylphenols			1.442	1.533	1.525	1.639	1.640	1.580	1.560	4.87
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.515	0.487	0.506	0.485	0.523	0.506	0.488	0.502	2.96
23)	S	Nitrobenzene-d5		0.395	0.376	0.392	0.383	0.419	0.408	0.394	0.395	3.65
24)		Nitrobenzene		0.350	0.342	0.348	0.344	0.375	0.362	0.352	0.353	3.21
25)		Isophorone		0.734	0.672	0.700	0.674	0.730	0.709	0.680	0.700	3.70
26)	C	2-Nitrophenol		0.167	0.163	0.177	0.181	0.197	0.195	0.190	0.181	7.43
27)		2,4-Dimethylph...		0.303	0.303	0.296	0.308	0.336	0.325	0.313	0.312	4.46
28)		bis(2-Chloroet...		0.443	0.407	0.425	0.407	0.439	0.430	0.410	0.423	3.61
29)	C	2,4-Dichloroph...		0.293	0.293	0.308	0.305	0.331	0.324	0.314	0.310	4.71
30)		1,2,4-Trichlor...		0.357	0.329	0.335	0.327	0.354	0.344	0.332	0.340	3.61
31)		Naphthalene		1.069	1.020	1.037	1.000	1.087	1.052	1.011	1.040	3.06
32)		Benzoic acid			0.188	0.207	0.227	0.249	0.255	0.255	0.230	12.20
33)		4-Chloroaniline		0.453	0.435	0.447	0.452	0.492	0.478	0.458	0.459	4.19
34)	C	Hexachlorobuta...		0.222	0.205	0.211	0.205	0.218	0.213	0.207	0.211	3.05
35)		Caprolactam			0.114	0.110	0.109	0.120	0.116	0.113	0.114	3.67
36)	C	4-Chloro-3-met...		0.366	0.335	0.347	0.346	0.373	0.368	0.353	0.355	3.85
37)		2-Methylnaphth...		0.716	0.653	0.678	0.652	0.700	0.682	0.654	0.676	3.69
38)		1-Methylnaphth...		0.777	0.706	0.713	0.686	0.751	0.719	0.685	0.719	4.67

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081425.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.578	0.559	0.585	0.560	0.610	0.581	0.571	0.578	3.00
41)	P	Hexachlorocycl...		0.274	0.313	0.348	0.387	0.388	0.383	0.349	13.46
42)	S	2,4,6-Tribromo...	0.266	0.259	0.267	0.263	0.286	0.275	0.268	0.269	3.39
43)	C	2,4,6-Trichlor...	0.368	0.364	0.381	0.382	0.421	0.408	0.405	0.390	5.56
44)		2,4,5-Trichlor...	0.417	0.385	0.424	0.424	0.457	0.448	0.437	0.427	5.52
45)	S	2-Fluorobiphenyl	1.558	1.483	1.507	1.392	1.517	1.435	1.351	1.463	5.04
46)		1,1'-Biphenyl	1.495	1.418	1.457	1.408	1.537	1.445	1.407	1.453	3.37
47)		2-Chloronaphth...	1.152	1.093	1.144	1.101	1.184	1.142	1.100	1.131	2.99
48)		2-Nitroaniline	0.301	0.306	0.317	0.330	0.360	0.351	0.341	0.329	6.85
49)		Acenaphthylene	1.907	1.806	1.848	1.806	1.992	1.907	1.832	1.871	3.63
50)		Dimethylphthalate	1.569	1.449	1.438	1.403	1.512	1.479	1.403	1.465	4.12
51)		2,6-Dinitrotol...	0.297	0.287	0.302	0.309	0.331	0.323	0.311	0.309	4.95
52)	C	Acenaphthene	1.149	1.082	1.100	1.041	1.155	1.106	1.056	1.098	3.93
53)		3-Nitroaniline	0.318	0.329	0.337	0.342	0.384	0.367	0.354	0.347	6.56
54)	P	2,4-Dinitrophenol		0.114	0.140	0.163	0.186	0.192	0.194	0.165	19.83
55)		Dibenzofuran	1.820	1.711	1.737	1.677	1.811	1.729	1.672	1.736	3.40
56)	P	4-Nitrophenol		0.251	0.265	0.279	0.315	0.304	0.298	0.285	8.56
57)		2,4-Dinitrotol...	0.404	0.407	0.431	0.438	0.479	0.471	0.454	0.440	6.61
58)		Fluorene	1.506	1.391	1.390	1.306	1.415	1.330	1.253	1.370	6.02
59)		2,3,4,6-Tetrac...	0.375	0.360	0.366	0.368	0.402	0.392	0.379	0.377	4.01
60)		Diethylphthalate	1.615	1.475	1.465	1.434	1.540	1.459	1.430	1.488	4.48
61)		4-Chlorophenyl...	0.761	0.684	0.679	0.651	0.690	0.671	0.634	0.681	5.91
62)		4-Nitroaniline	0.341	0.336	0.349	0.351	0.387	0.370	0.359	0.356	4.89
63)		Azobenzene	1.315	1.226	1.274	1.237	1.341	1.301	1.227	1.274	3.62
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.096	0.113	0.123	0.139	0.139	0.138	0.125	14.21
66)	c	n-Nitrosodiphe...	0.636	0.603	0.607	0.591	0.634	0.605	0.594	0.610	2.99
67)		4-Bromophenyl-...	0.233	0.206	0.217	0.213	0.230	0.223	0.218	0.220	4.34
68)		Hexachlorobenzene	0.264	0.253	0.254	0.242	0.264	0.257	0.251	0.255	3.06
69)		Atrazine	0.229	0.226	0.228	0.218	0.240	0.229	0.229	0.228	2.74
70)	C	Pentachlorophenol		0.135	0.154	0.157	0.177	0.171	0.172	0.161	9.76
71)		Phenanthrene	1.162	1.101	1.111	1.040	1.135	1.085	1.057	1.099	3.88
72)		Anthracene	1.161	1.124	1.133	1.079	1.175	1.101	1.080	1.122	3.37
73)		Carbazole	1.079	1.052	1.074	1.007	1.111	1.053	1.022	1.057	3.32
74)		Di-n-butylphth...	1.345	1.255	1.332	1.244	1.374	1.285	1.265	1.300	3.86
75)	C	Fluoranthene	1.370	1.323	1.348	1.228	1.361	1.286	1.258	1.311	4.13
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.642	0.642	0.967	0.664	0.608	0.573	0.683	20.94
78)		Pyrene	1.398	1.261	1.287	1.274	1.320	1.319	1.241	1.300	4.00
79)	S	Terphenyl-d14	1.249	1.100	1.097	1.045	1.100	1.061	0.999	1.093	7.15
80)		Butylbenzylpht...	0.589	0.557	0.592	0.579	0.614	0.616	0.578	0.589	3.55
81)		Benzo(a)anthra...	1.384	1.302	1.313	1.268	1.359	1.333	1.275	1.319	3.21
82)		3,3'-Dichlorob...		0.482	0.507	0.488	0.521	0.506	0.480	0.497	3.31
83)		Chrysene	1.292	1.214	1.249	1.182	1.280	1.243	1.186	1.235	3.49
84)		Bis(2-ethylhex...	0.907	0.826	0.874	0.831	0.901	0.882	0.850	0.867	3.73
85)	c	Di-n-octyl pht...		1.381	1.498	1.444	1.572	1.563	1.491	1.492	4.84

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081425.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.454	1.385	1.440	1.411	1.569	1.522	1.486	1.467	4.36
88)		Benzo(b)fluora...	1.203	1.126	1.171	1.134	1.250	1.197	1.175	1.179	3.60
89)		Benzo(k)fluora...	1.202	1.157	1.200	1.130	1.226	1.206	1.141	1.180	3.16
90)	C	Benzo(a)pyrene	1.139	1.093	1.150	1.108	1.219	1.185	1.141	1.148	3.77
91)		Dibenzo(a,h)an...	1.180	1.125	1.179	1.156	1.290	1.244	1.216	1.199	4.64
92)		Benzo(g,h,i)pe...	1.162	1.118	1.169	1.138	1.248	1.220	1.192	1.178	3.86

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025392.D
Acq On : 14 Aug 2025 12:33
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 14 17:51:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	140275	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	567766	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	380728	20.000	ng	0.01
64) Phenanthrene-d10	17.213	188	796256	20.000	ng	0.01
76) Chrysene-d12	21.660	240	884747	20.000	ng	0.01
86) Perylene-d12	25.042	264	1005304	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.584	70	17781	2.476	ng	99

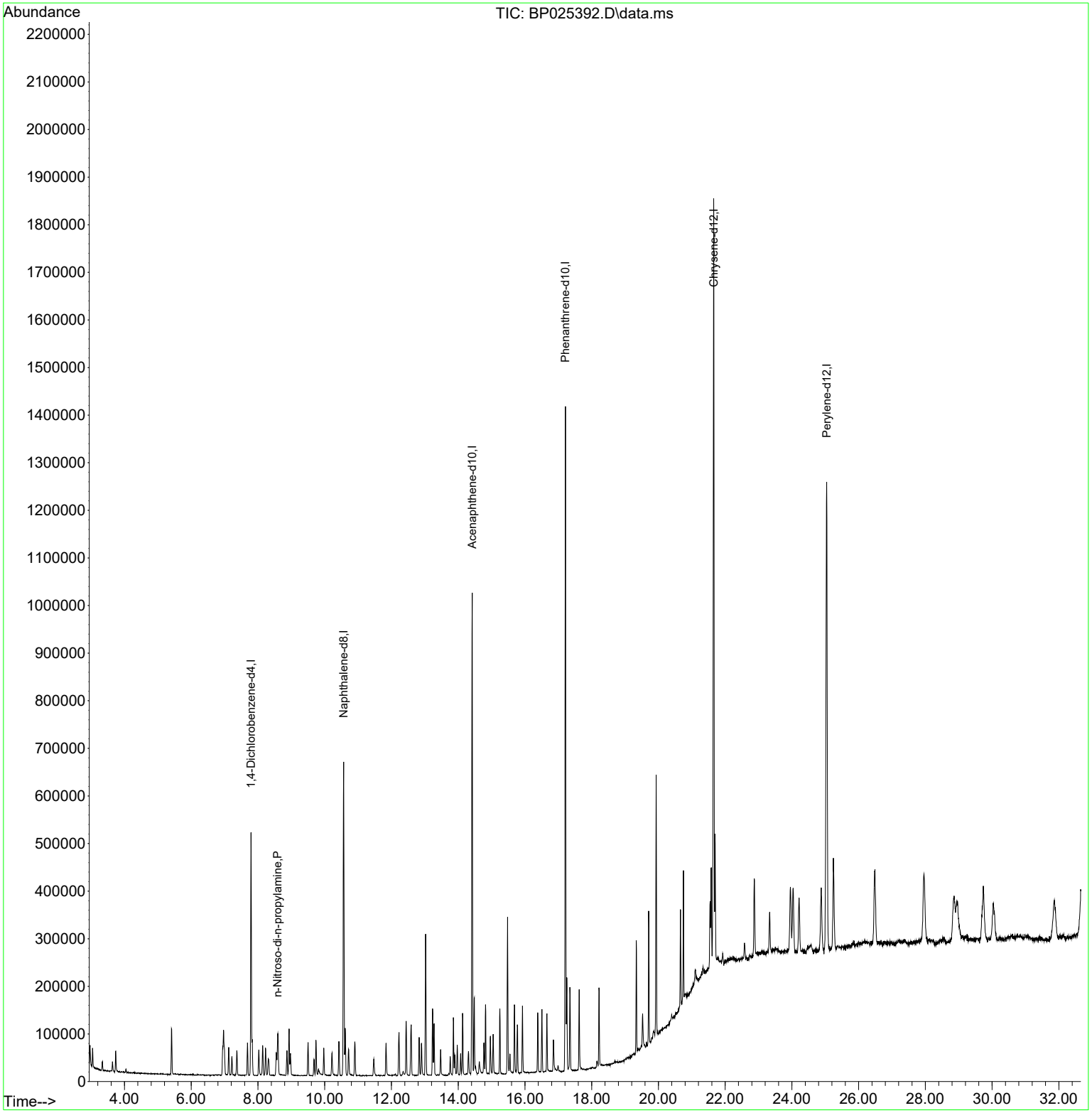
(#) = qualifier out of range (m) = manual integration (+) = signals summed

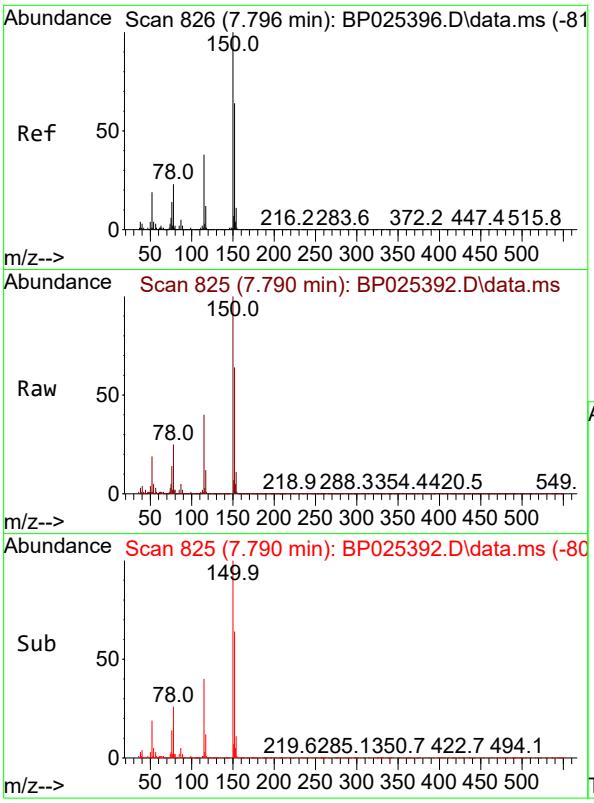
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025392.D
Acq On : 14 Aug 2025 12:33
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 14 17:51:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration



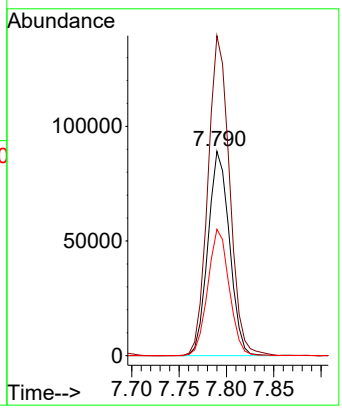


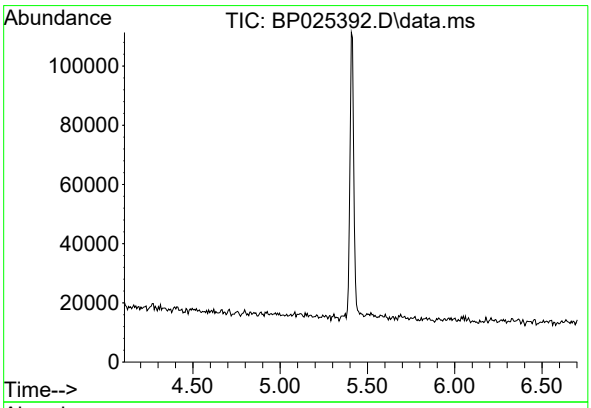
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 140275

Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.9	188.9
115	61.9	48.5	72.7



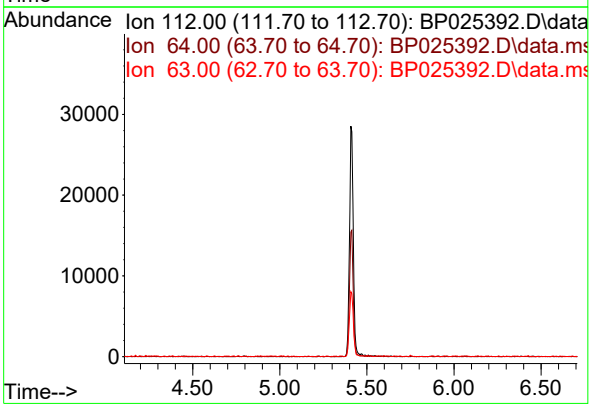


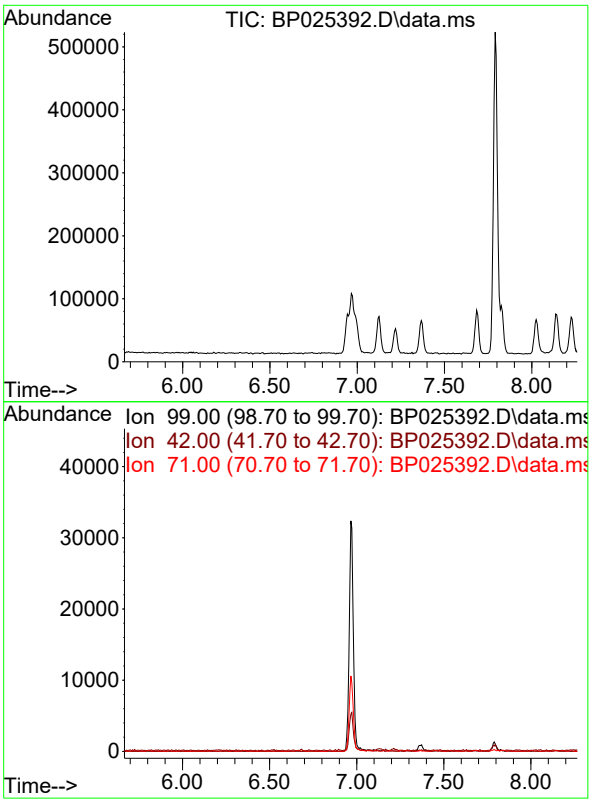
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.41 min

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

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	54.8
63	28.4





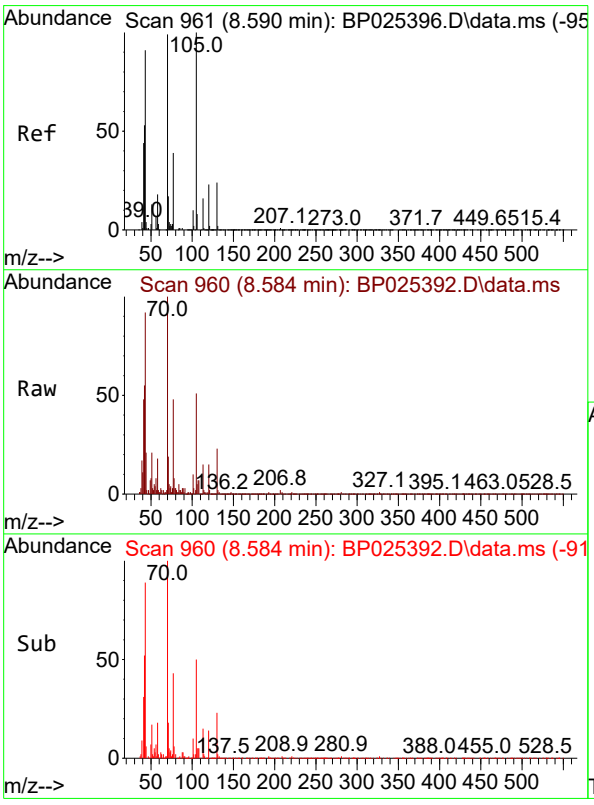
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.97 min

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

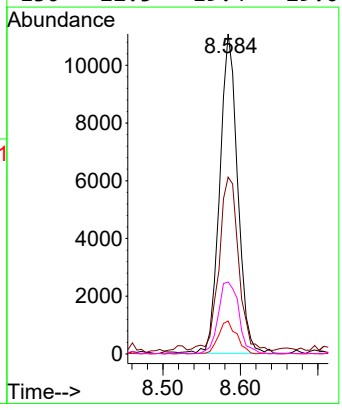
Sig	Exp Ratio
99	100
42	17.1
71	35.3

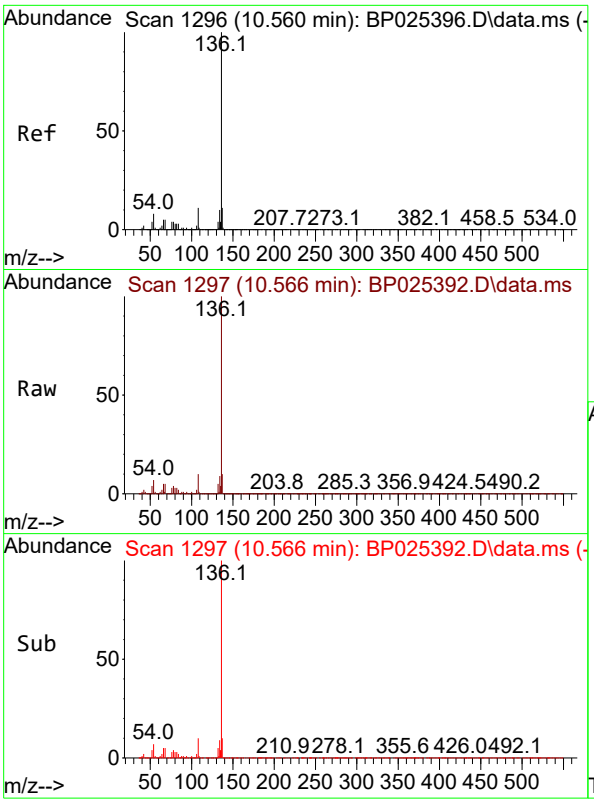


#19
n-Nitroso-di-n-propylamine
Concen: 2.476 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.006 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Tgt Ion: 70 Resp: 17781

Ion	Ratio	Lower	Upper
70	100		
42	55.2	43.8	65.6
101	10.3	8.5	12.7
130	22.5	19.4	29.0



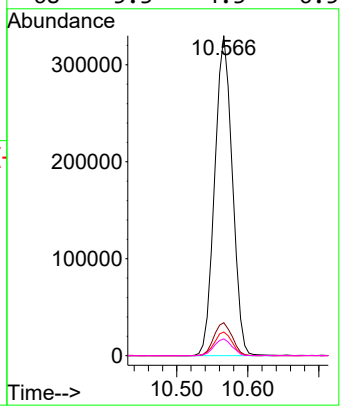


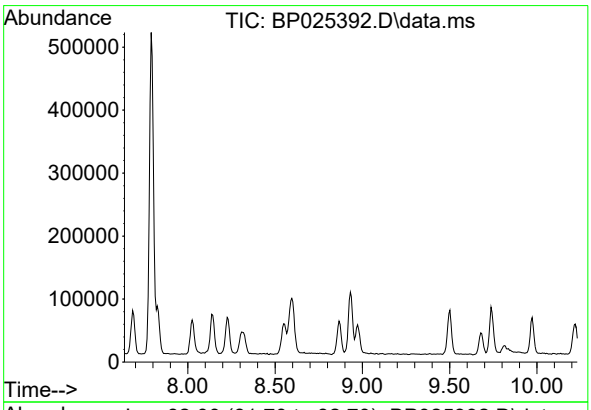
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 567766

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	7.4	6.0	9.0
68	5.3	4.3	6.5



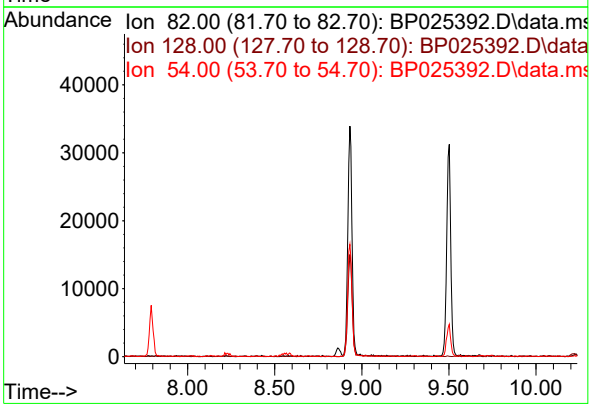


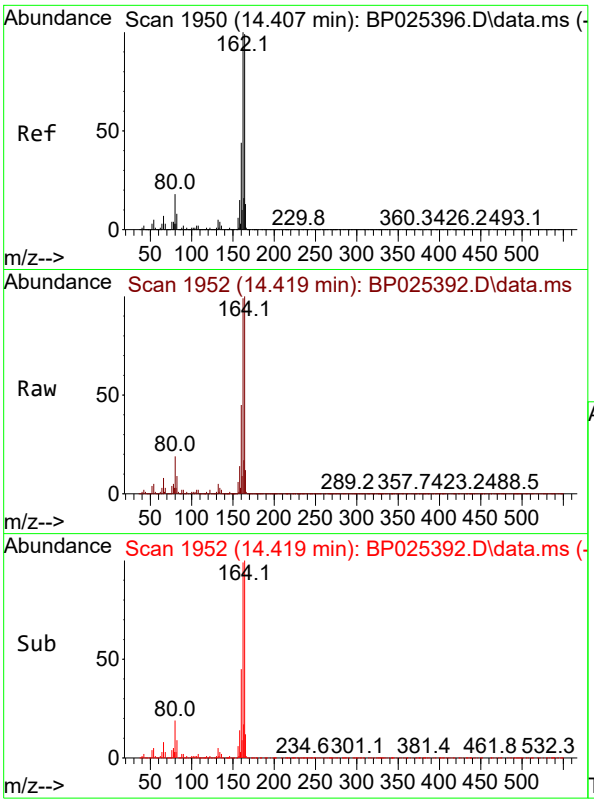
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.94 min

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

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	47.1
54	49.7



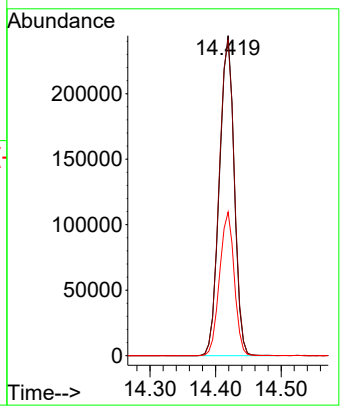


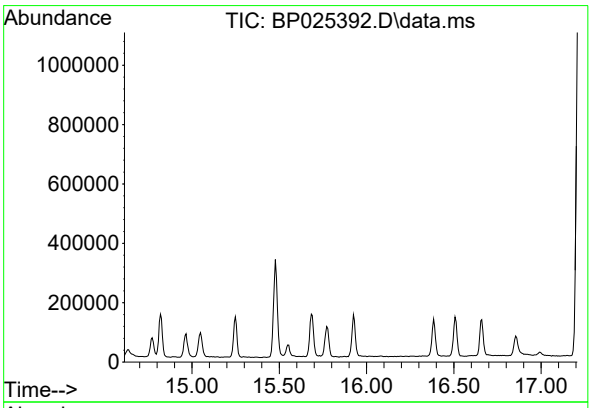
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.419 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 380728

Ion	Ratio	Lower	Upper
164	100		
162	98.7	81.0	121.6
160	44.9	35.4	53.2



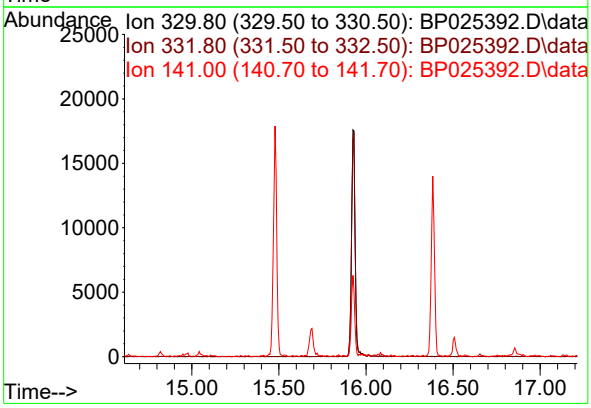


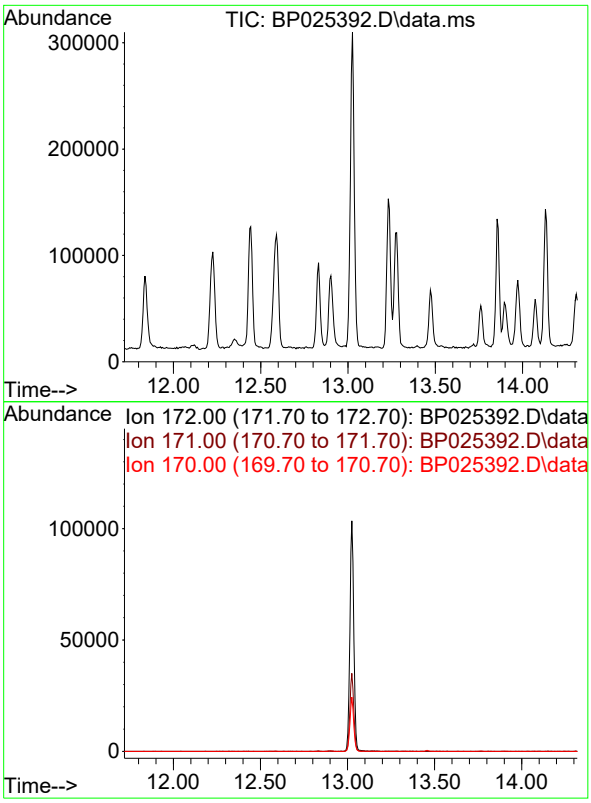
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.91 min

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

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.6
141	33.2





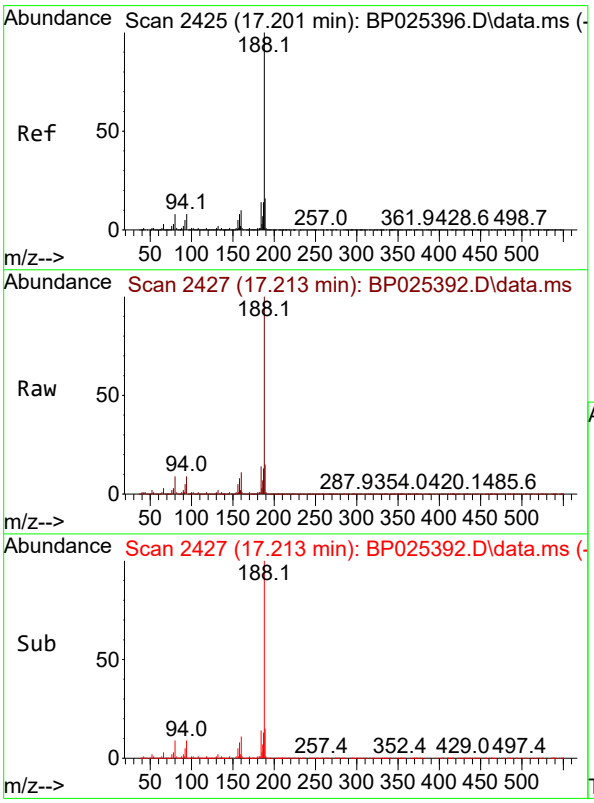
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.02 min

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

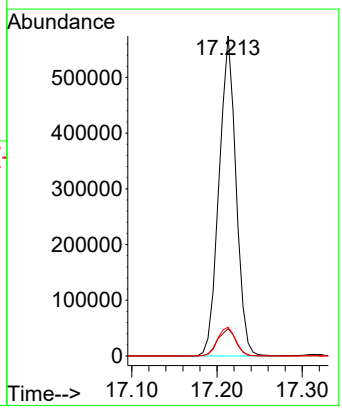
Sig	Exp Ratio
172	100
171	35.1
170	23.3

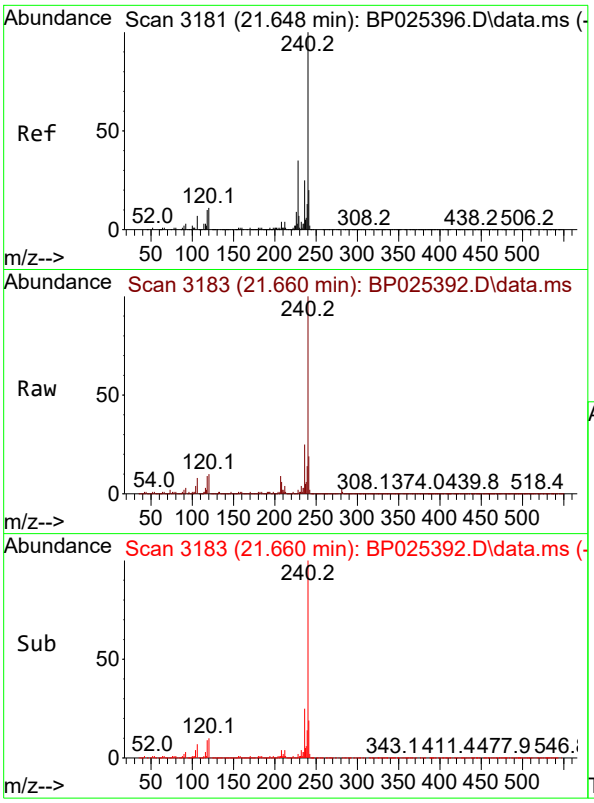


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Tgt Ion:188 Resp: 796256

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.6	10.0
80	9.0	6.7	10.1



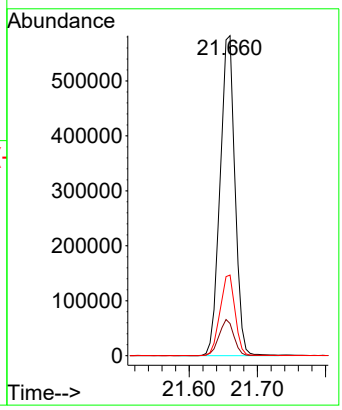


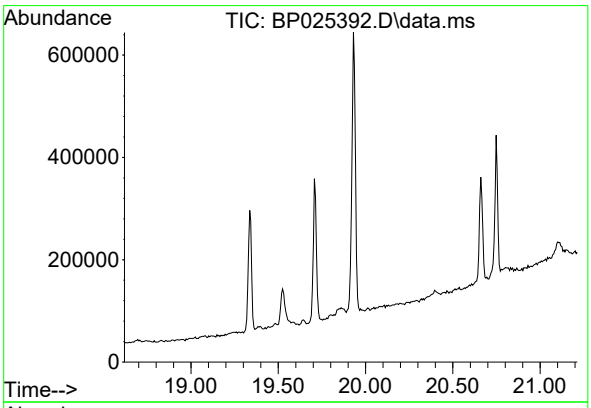
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 884747

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.9	13.3
236	25.2	19.8	29.8



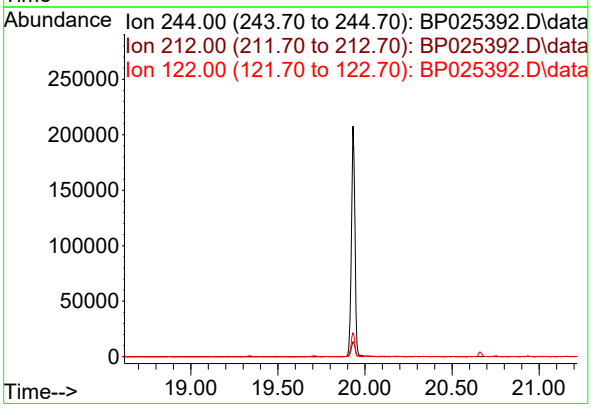


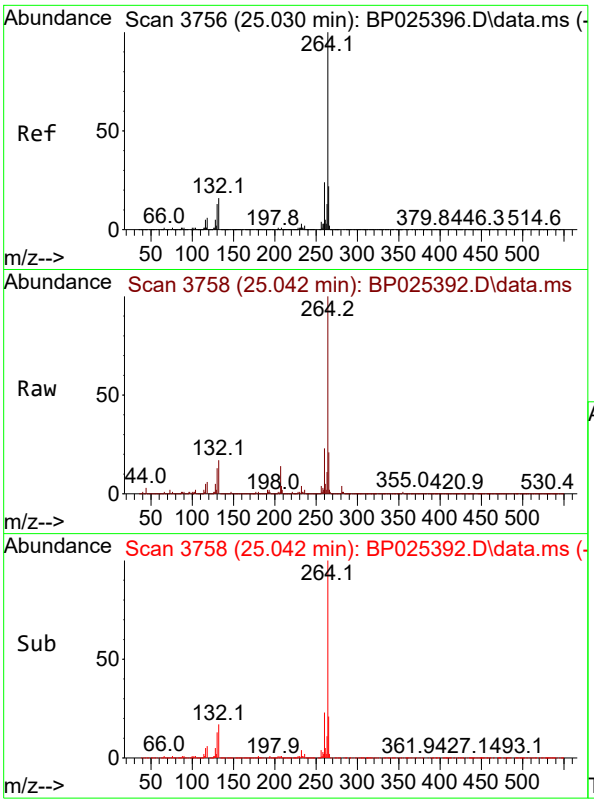
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.92 min

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

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.2
122	9.3



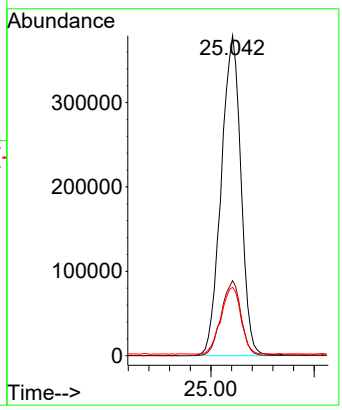


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.042 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 1005304

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.3	28.9
265	21.4	17.4	26.0



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025393.D
Acq On : 14 Aug 2025 13:15
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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

Quant Time: Aug 14 17:52:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	130958	20.000	ng		0.00
21) Naphthalene-d8	10.560	136	551384	20.000	ng		0.00
39) Acenaphthene-d10	14.401	164	392376	20.000	ng		0.00
64) Phenanthrene-d10	17.207	188	816331	20.000	ng		0.00
76) Chrysene-d12	21.654	240	858165	20.000	ng		0.00
86) Perylene-d12	25.036	264	963881	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	80645	10.227	ng		0.00
7) Phenol-d6	6.966	99	97106	9.605	ng		0.00
23) Nitrobenzene-d5	8.931	82	108814	9.983	ng		0.00
42) 2,4,6-Tribromophenol	15.913	330	52188	9.881	ng		0.00
45) 2-Fluorobiphenyl	13.019	172	305742	10.649	ng		0.00
79) Terphenyl-d14	19.925	244	536049	11.428	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	17016	5.509	ng		95
3) Pyridine	3.731	79	47347	5.600	ng		95
6) Aniline	7.119	93	68694	5.043	ng		100
8) 2-Chlorophenol	7.366	128	44217	4.969	ng		98
10) Phenol	6.990	94	52186	4.919	ng		98
11) bis(2-Chloroethyl)ether	7.219	93	41995	5.079	ng		98
12) 1,3-Dichlorobenzene	7.684	146	50146	5.111	ng		96
13) 1,4-Dichlorobenzene	7.825	146	51948	5.180	ng		97
14) 1,2-Dichlorobenzene	8.143	146	50995	5.253	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.313	45	57686	5.208	ng		98
17) 2-Methylphenol	8.225	107	35186	4.776	ng		96
18) Hexachloroethane	8.866	117	18905	5.127	ng		99
19) n-Nitroso-di-n-propyla...	8.584	70	34898	5.205	ng		95
22) Acetophenone	8.602	105	70986	5.134	ng	#	96
24) Nitrobenzene	8.972	77	48234	4.951	ng		99
25) Isophorone	9.496	82	101112	5.242	ng		98
26) 2-Nitrophenol	9.678	139	23020	4.605	ng		95
27) 2,4-Dimethylphenol	9.737	122	41790	4.861	ng		99
28) bis(2-Chloroethoxy)met...	9.972	93	61017	5.233	ng		98
29) 2,4-Dichlorophenol	10.213	162	40336	4.723	ng		94
30) 1,2,4-Trichlorobenzene	10.425	180	49237	5.259	ng		97
31) Naphthalene	10.613	128	147346	5.141	ng		99
33) 4-Chloroaniline	10.713	127	62452	4.933	ng		96
34) Hexachlorobutadiene	10.902	225	30559	5.241	ng		95
36) 4-Chloro-3-methylphenol	11.837	107	50515	5.154	ng		91
37) 2-Methylnaphthalene	12.219	142	98648	5.289	ng		97
38) 1-Methylnaphthalene	12.437	142	107044	5.397	ng		97
40) 1,2,4,5-Tetrachloroben...	12.590	216	56676	5.001	ng		100
43) 2,4,6-Trichlorophenol	12.831	196	36093	4.718	ng		95
44) 2,4,5-Trichlorophenol	12.901	196	40875	4.875	ng		95
46) 1,1'-Biphenyl	13.237	154	146651	5.146	ng		98
47) 2-Chloronaphthalene	13.272	162	113015	5.094	ng		99
48) 2-Nitroaniline	13.466	65	29527	4.568	ng		98
49) Acenaphthylene	14.125	152	187026	5.095	ng		99
50) Dimethylphthalate	13.860	163	153868	5.355	ng		99
51) 2,6-Dinitrotoluene	13.966	165	29088	4.803	ng		94

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025393.D
Acq On : 14 Aug 2025 13:15
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

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

Quant Time: Aug 14 17:52:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.472	154	112730m	5.232	ng	
53) 3-Nitroaniline	14.301	138	31224	4.583	ng	85
55) Dibenzofuran	14.813	168	178494	5.240	ng	99
57) 2,4-Dinitrotoluene	14.760	165	39658	4.590	ng	94
58) Fluorene	15.472	166	147760	5.497	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.037	232	36779	4.968	ng	99
60) Diethylphthalate	15.237	149	158426	5.426	ng	99
61) 4-Chlorophenyl-phenyle...	15.466	204	74636	5.583	ng	99
62) 4-Nitroaniline	15.478	138	33466	4.791	ng	90
63) Azobenzene	15.760	77	128978	5.159	ng	99
66) n-Nitrosodiphenylamine	15.678	169	129805	5.214	ng	97
67) 4-Bromophenyl-phenylether	16.378	248	47579	5.299	ng	98
68) Hexachlorobenzene	16.501	284	53940	5.183	ng	98
69) Atrazine	16.648	200	46750	5.015	ng	96
71) Phenanthrene	17.248	178	237107	5.287	ng	98
72) Anthracene	17.342	178	236938	5.174	ng	99
73) Carbazole	17.619	167	220112	5.103	ng	98
74) Di-n-butylphthalate	18.231	149	274467	5.172	ng	99
75) Fluoranthene	19.336	202	279497	5.225	ng	99
78) Pyrene	19.713	202	299922	5.377	ng	98
80) Butylbenzylphthalate	20.654	149	126321	4.997	ng	99
81) Benzo(a)anthracene	21.636	228	296847	5.245	ng	100
83) Chrysene	21.701	228	277175	5.229	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	194541	5.228	ng	97
87) Indeno(1,2,3-cd)pyrene	28.865	276	350414	4.956	ng	98
88) Benzo(b)fluoranthene	23.960	252	289797	5.099	ng	99
89) Benzo(k)fluoranthene	24.042	252	289556	5.091	ng	98
90) Benzo(a)pyrene	24.877	252	274440	4.960	ng	99
91) Dibenzo(a,h)anthracene	28.942	278	284440	4.924	ng	100
92) Benzo(g,h,i)perylene	30.036	276	279987	4.931	ng	97

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

ICAL Form

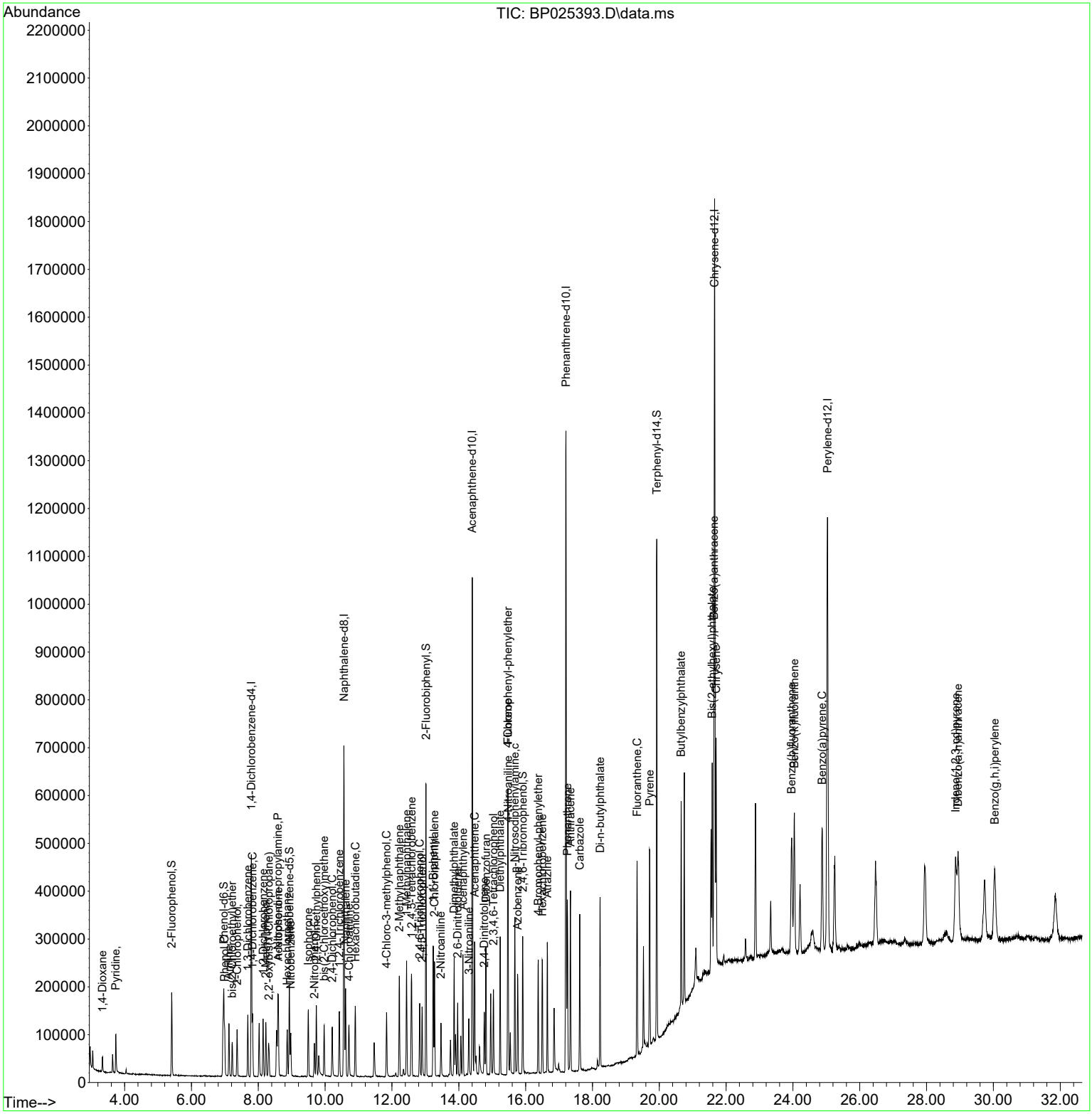
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Data File : BP025393.D
Acq On : 14 Aug 2025 13:15
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

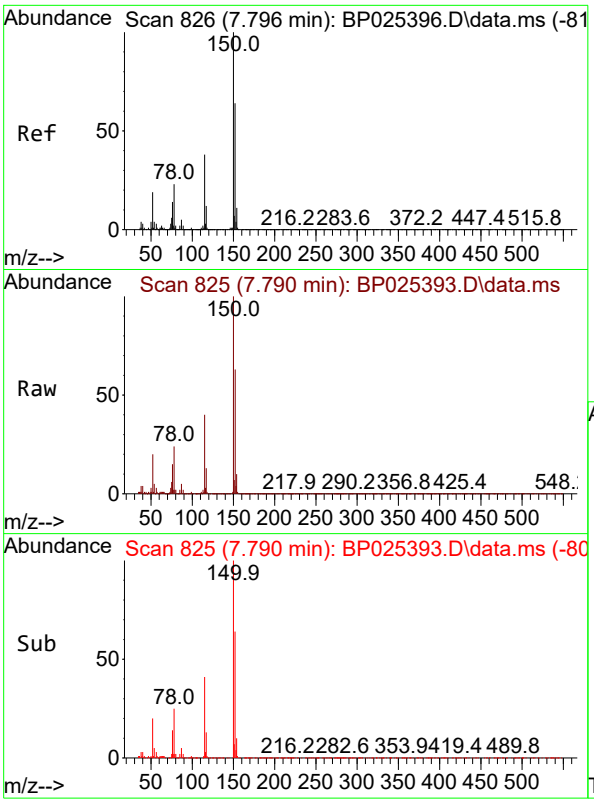
Quant Time: Aug 14 17:52:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

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

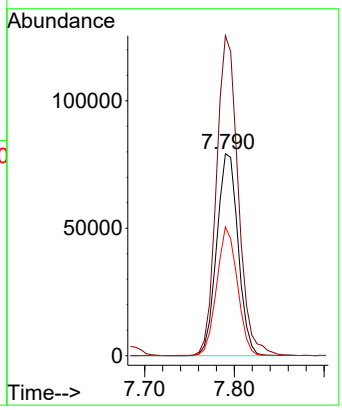




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:152 Resp: 13095

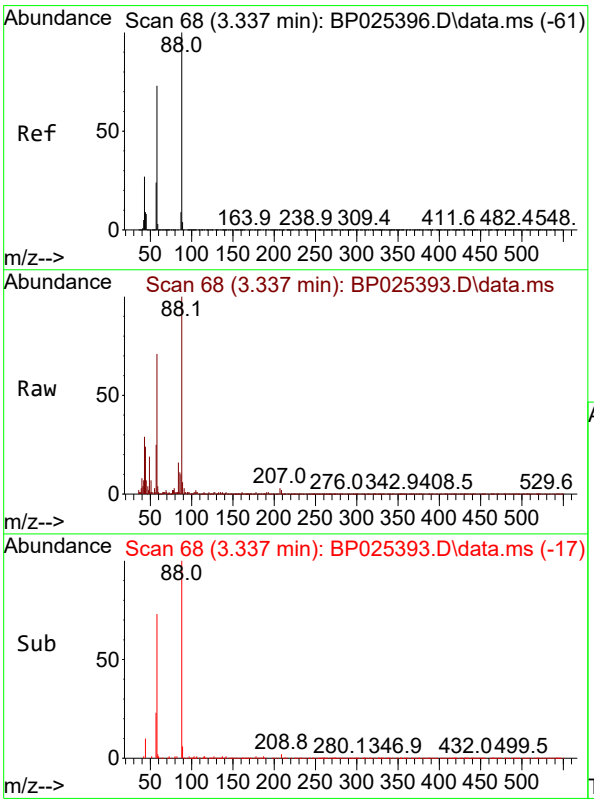
Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.9	188.9
115	63.8	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

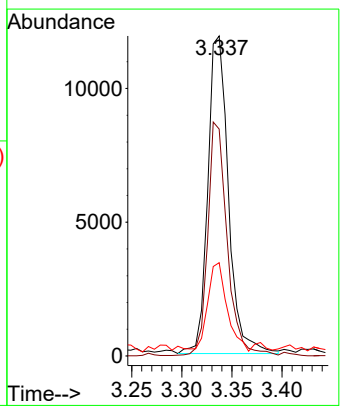
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

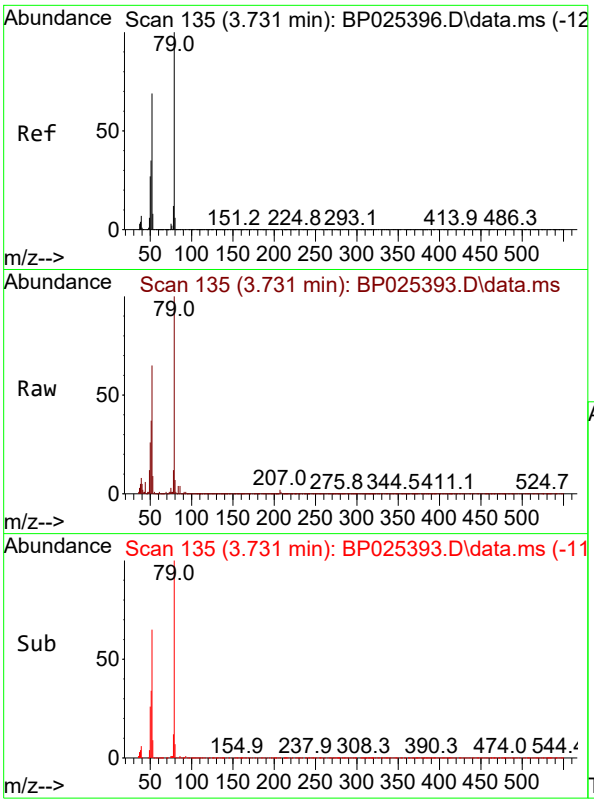


#2
1,4-Dioxane
Concen: 5.509 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 88 Resp: 17016

Ion	Ratio	Lower	Upper
88	100		
58	69.1	59.2	88.8
43	26.1	21.7	32.5

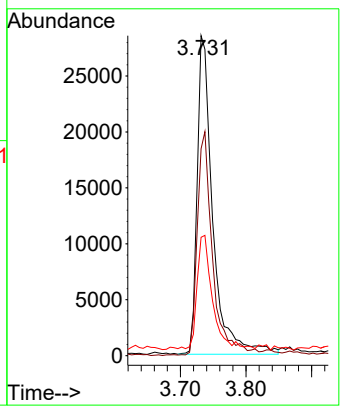




#3
Pyridine
Concen: 5.600 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 79 Resp: 4734

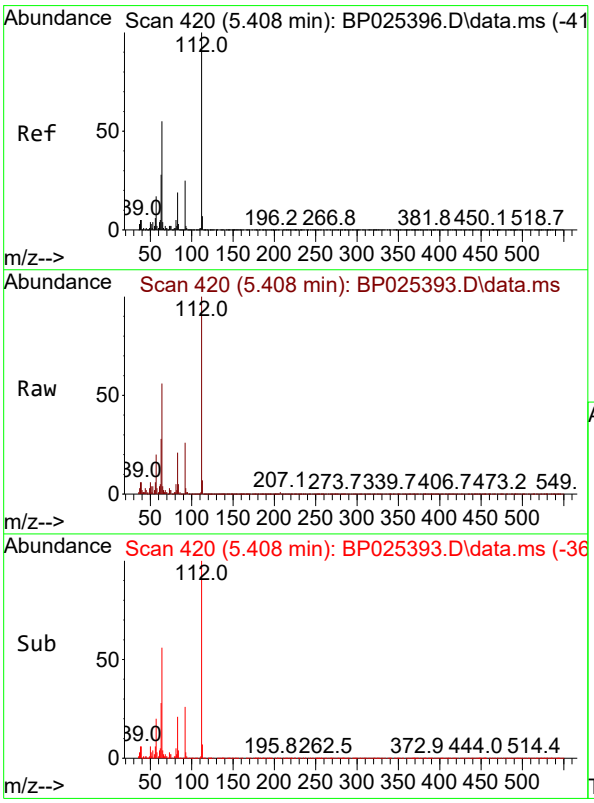
Ion	Ratio	Lower	Upper
79	100		
52	64.7	55.5	83.3
51	37.0	28.3	42.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

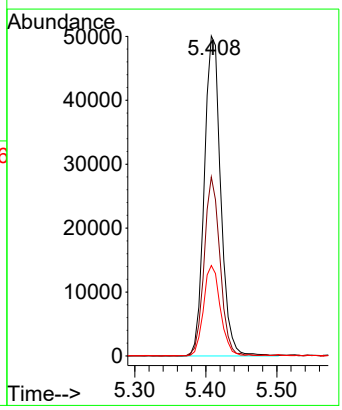
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

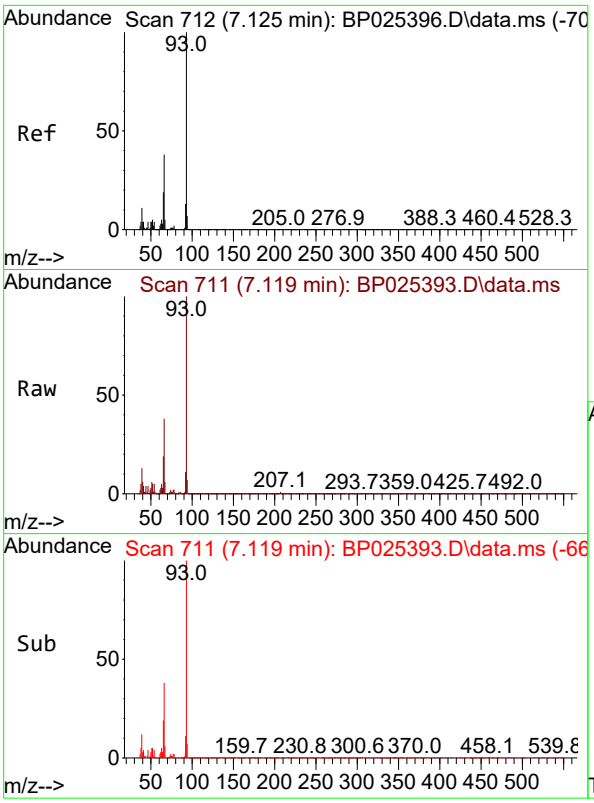


#5
2-Fluorophenol
Concen: 10.227 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:112 Resp: 80645

Ion	Ratio	Lower	Upper
112	100		
64	55.9	43.8	65.8
63	28.3	22.7	34.1

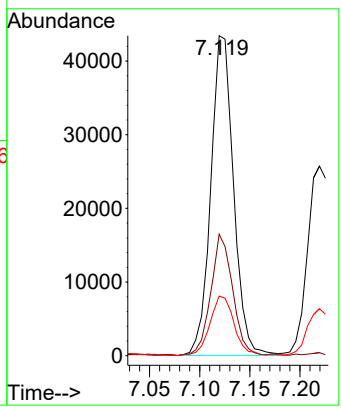




#6
Aniline
Concen: 5.043 ng
RT: 7.119 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 93 Resp: 6869

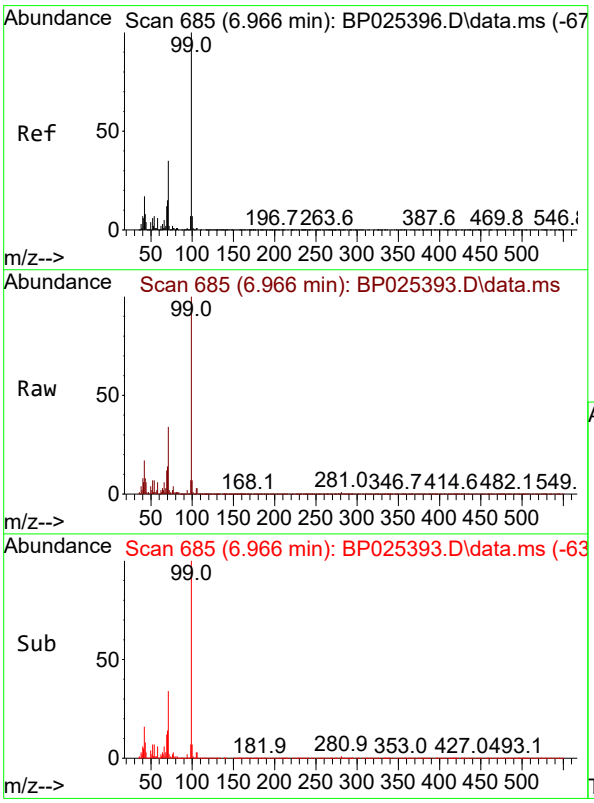
Ion	Ratio	Lower	Upper
93	100		
66	38.0	30.4	45.6
65	18.6	15.3	22.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

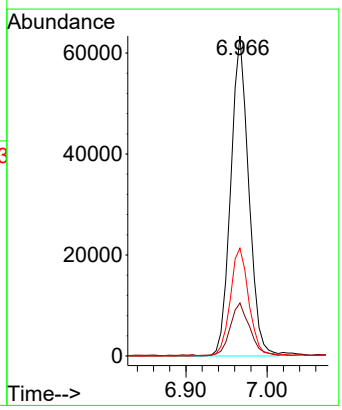
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

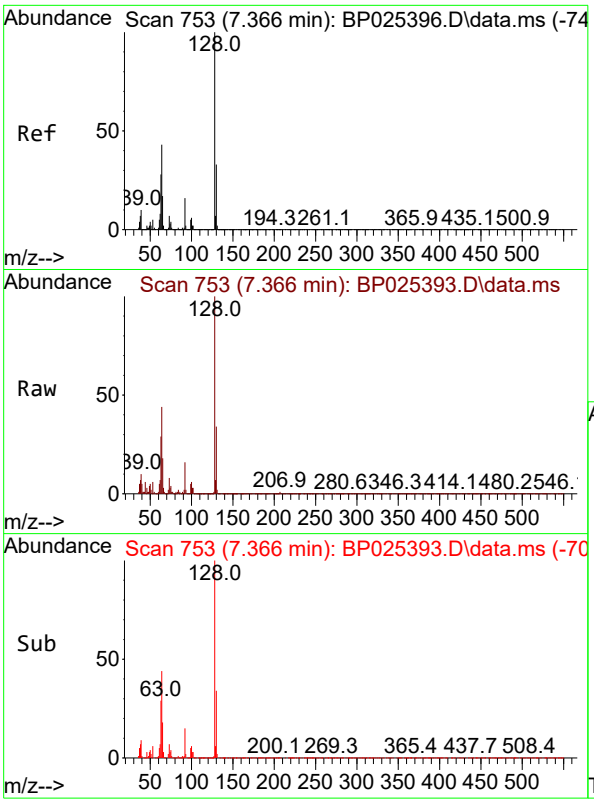


#7
Phenol-d6
Concen: 9.605 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 99 Resp: 97106

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.7	20.5
71	33.7	28.2	42.4

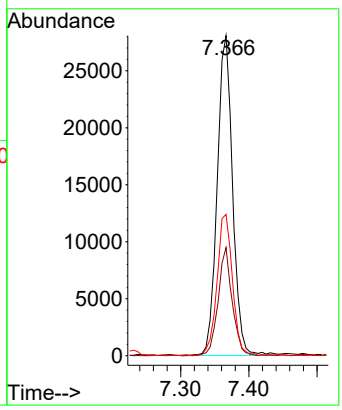




#8
2-Chlorophenol
Concen: 4.969 ng
RT: 7.366 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:128 Resp: 4421

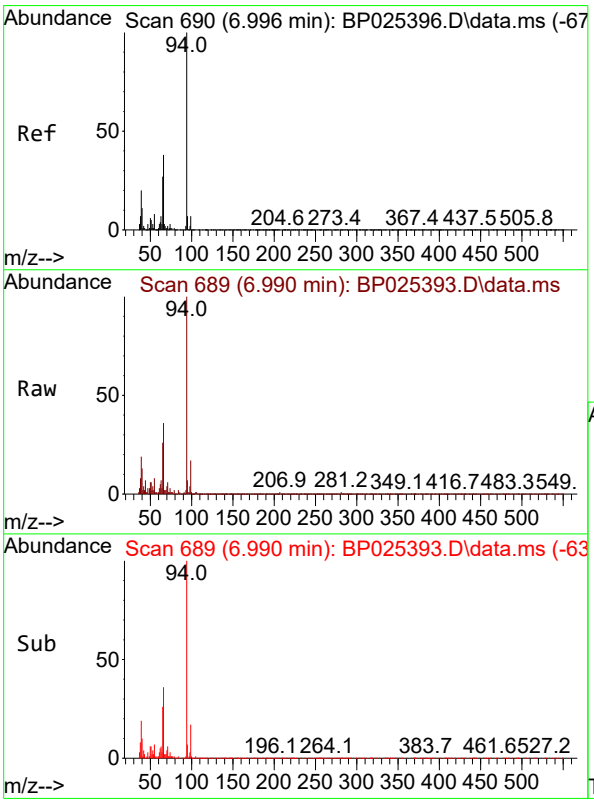
Ion	Ratio	Lower	Upper
128	100		
130	33.8	12.6	52.6
64	44.1	23.4	63.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

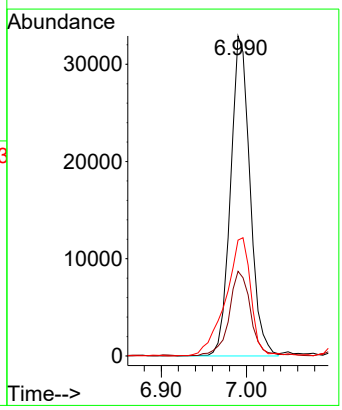
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

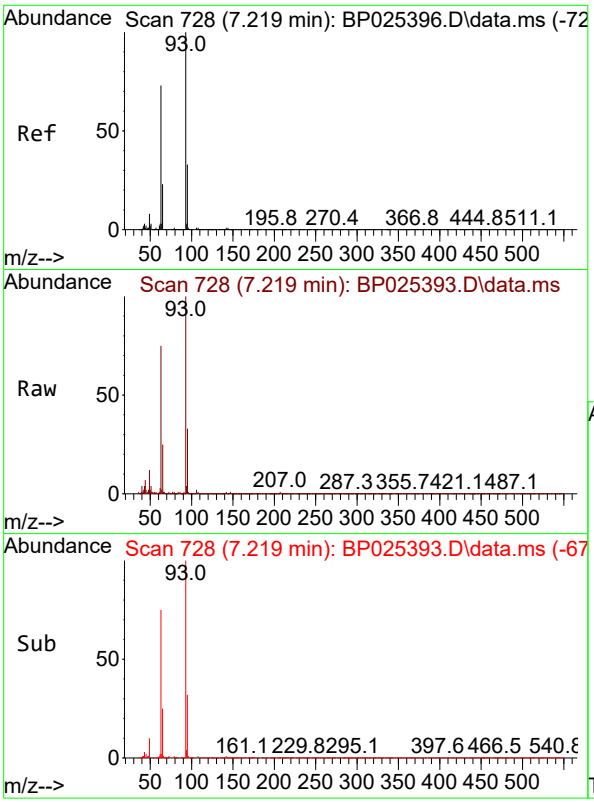


#10
Phenol
Concen: 4.919 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

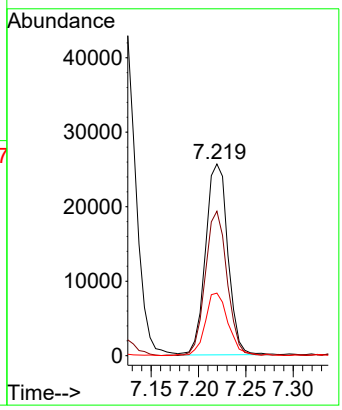




#11
bis(2-Chloroethyl)ether
Concen: 5.079 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 93 Resp: 4199

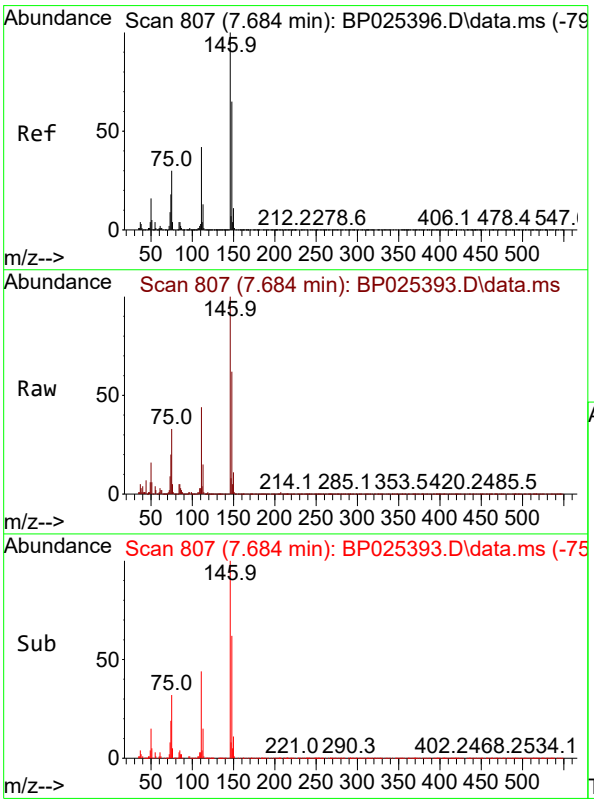
Ion	Ratio	Lower	Upper
93	100		
63	75.4	52.6	92.6
95	32.6	12.7	52.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

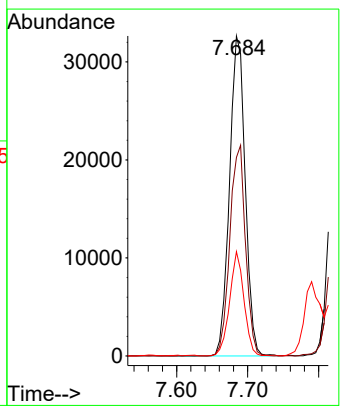
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

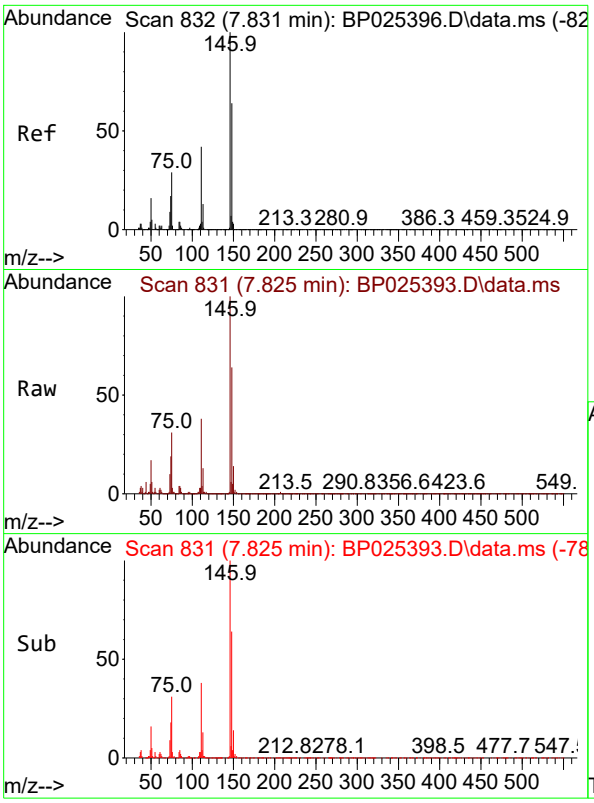


#12
1,3-Dichlorobenzene
Concen: 5.111 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

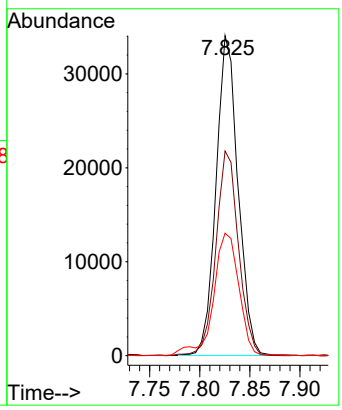
Tgt Ion:146 Resp: 5194

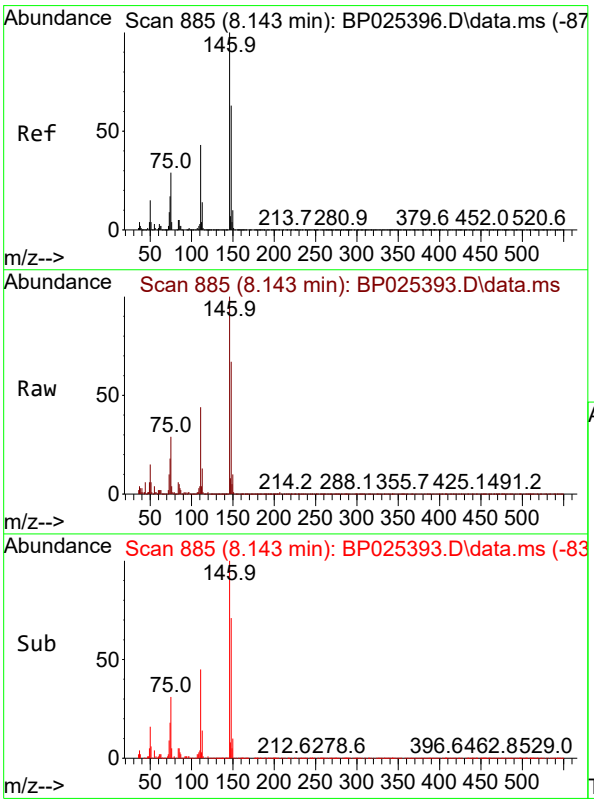
Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.6	77.4
111	38.3	33.4	50.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

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

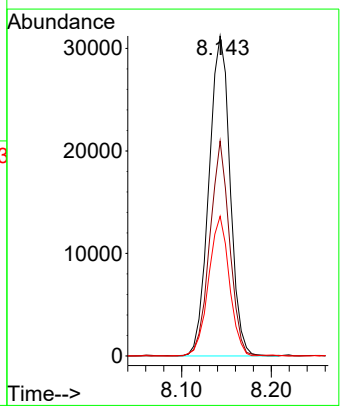


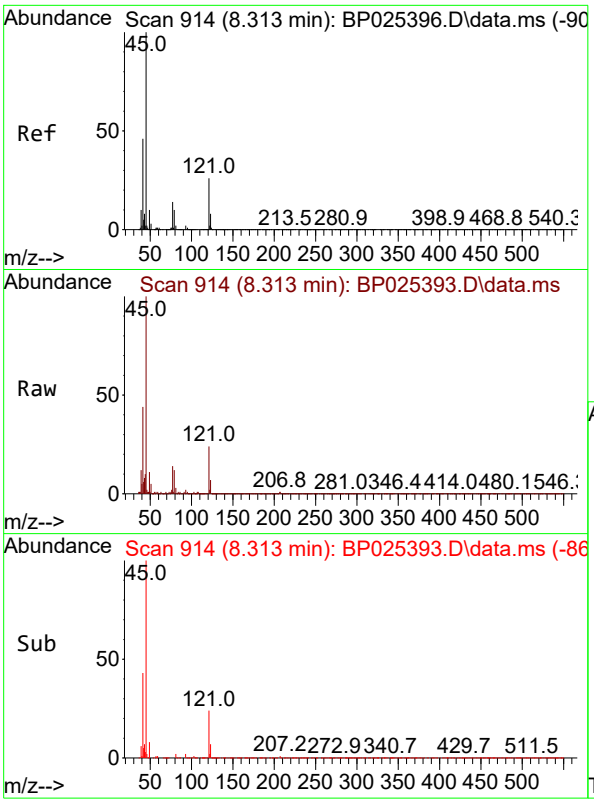


#14
1,2-Dichlorobenzene
Concen: 5.253 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

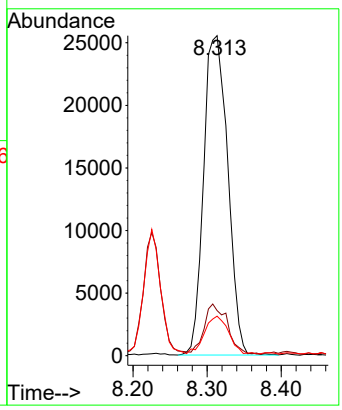
Tgt Ion: 45 Resp: 5768

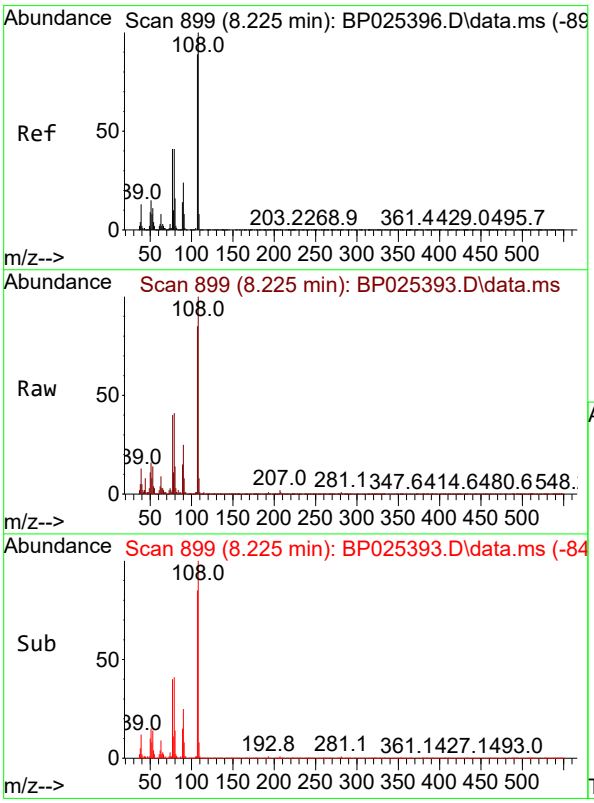
Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	35.3
79	12.4	0.0	31.8

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

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

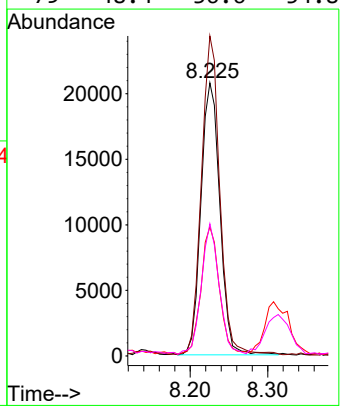


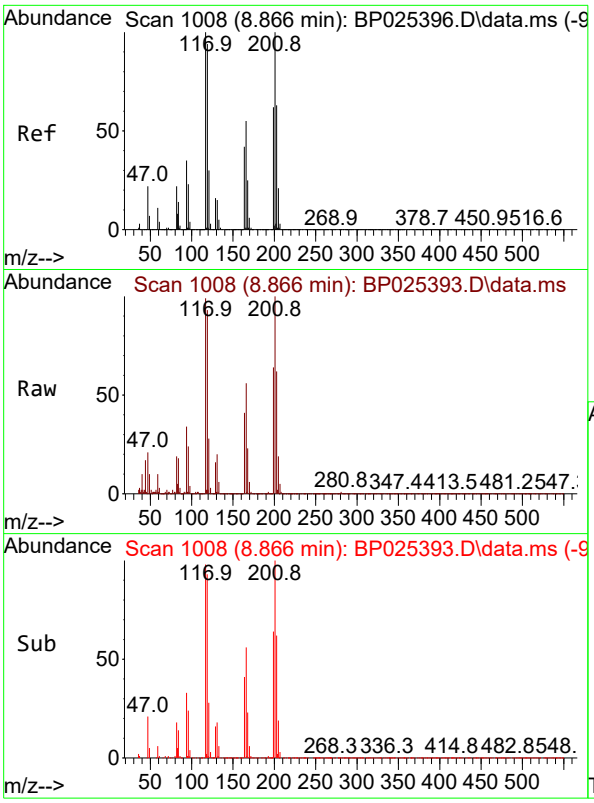


#17
2-Methylphenol
Concen: 4.776 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:107 Resp: 35186

Ion	Ratio	Lower	Upper
107	100		
108	117.2	89.4	134.0
77	47.2	36.3	54.5
79	48.4	36.6	54.8





#18
Hexachloroethane
Concen: 5.127 ng
RT: 8.866 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

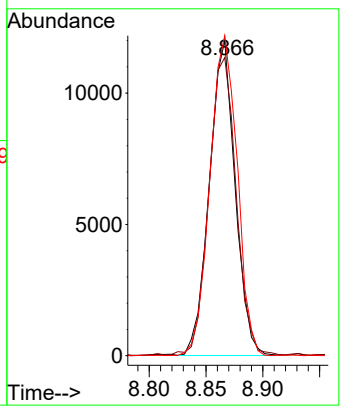
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

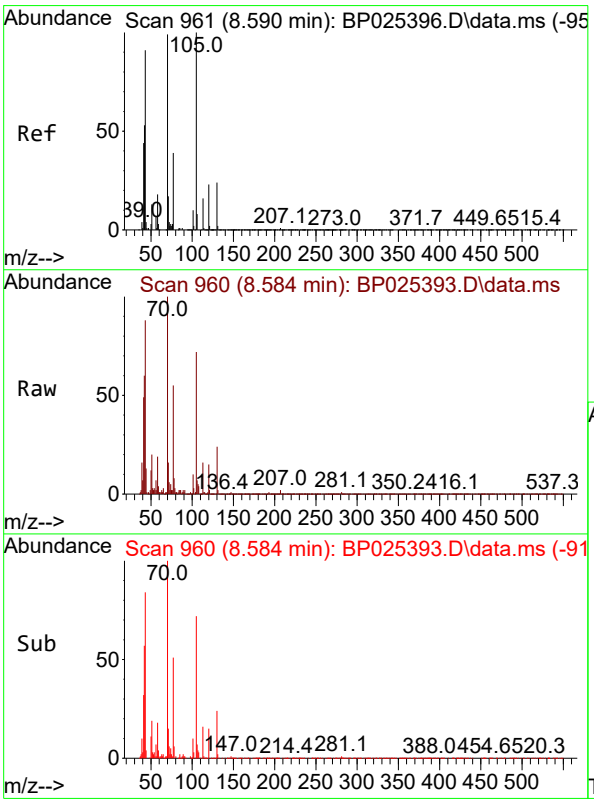
Tgt Ion:117 Resp: 1890

Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.1	112.7
201	101.5	80.1	120.1

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

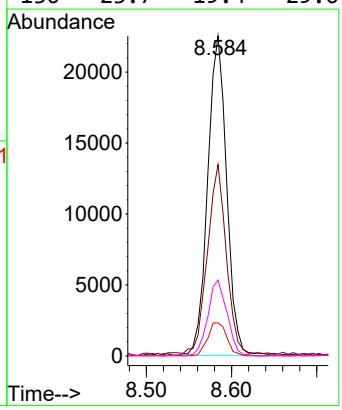


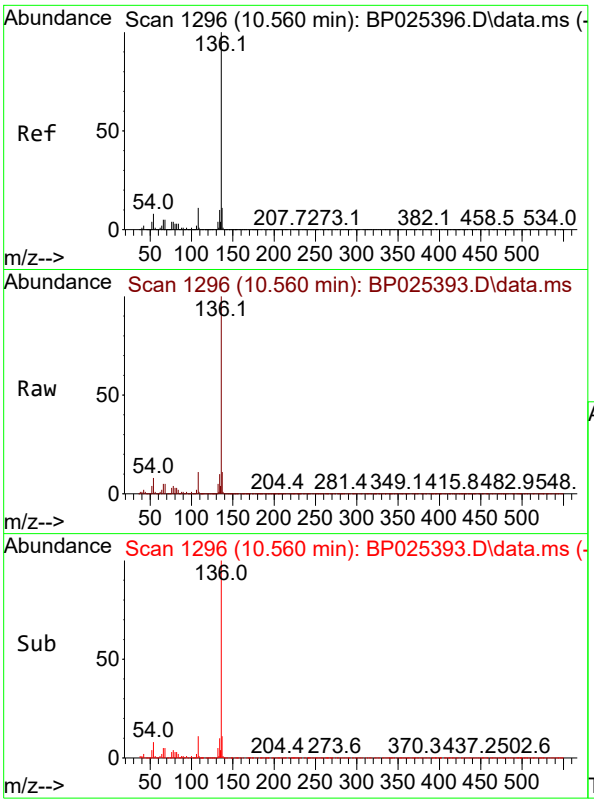


#19
n-Nitroso-di-n-propylamine
Concen: 5.205 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 70 Resp: 34898

Ion	Ratio	Lower	Upper
70	100		
42	59.8	43.8	65.6
101	10.3	8.5	12.7
130	23.7	19.4	29.0

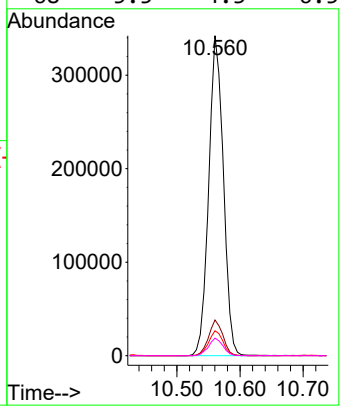




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:136 Resp: 55138

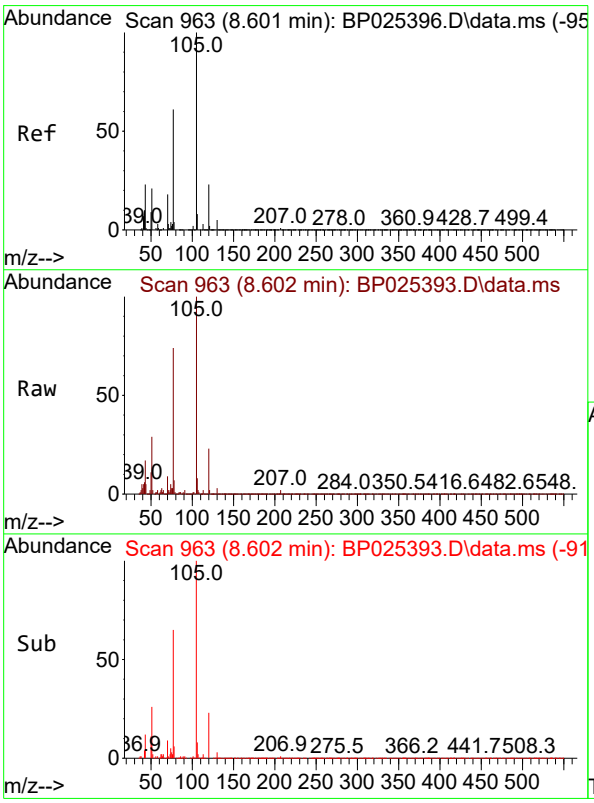
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	7.8	6.0	9.0
68	5.5	4.3	6.5



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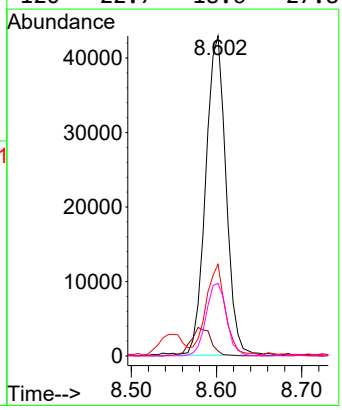
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

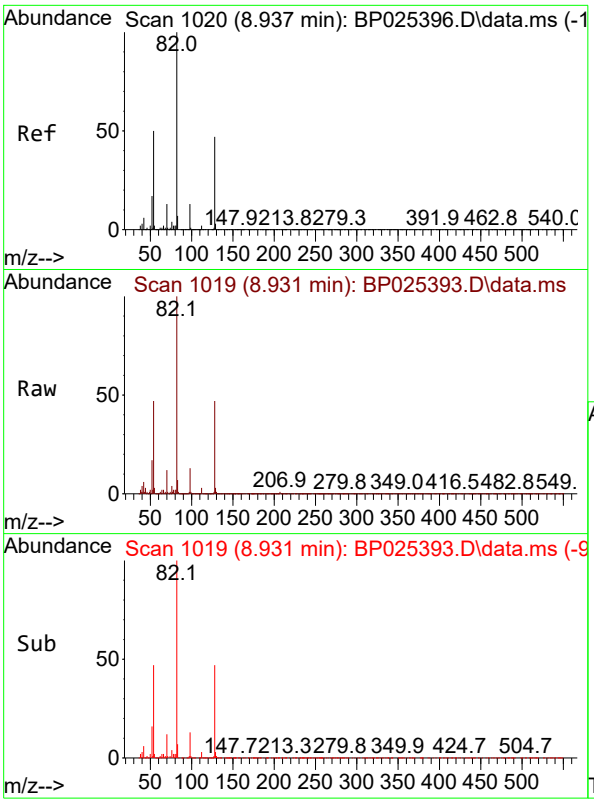


#22
Acetophenone
Concen: 5.134 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:105 Resp: 70986

Ion	Ratio	Lower	Upper
105	100		
71	1.5	2.6	4.0#
51	28.7	20.6	30.8
120	22.7	18.6	27.8

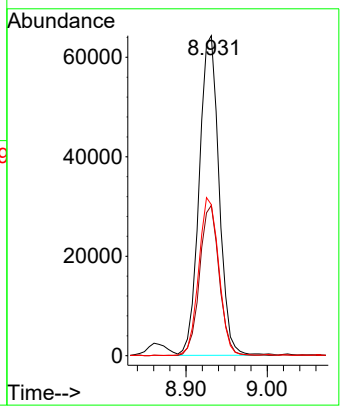




#23
Nitrobenzene-d5
Concen: 9.983 ng
RT: 8.931 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 82 Resp: 10881

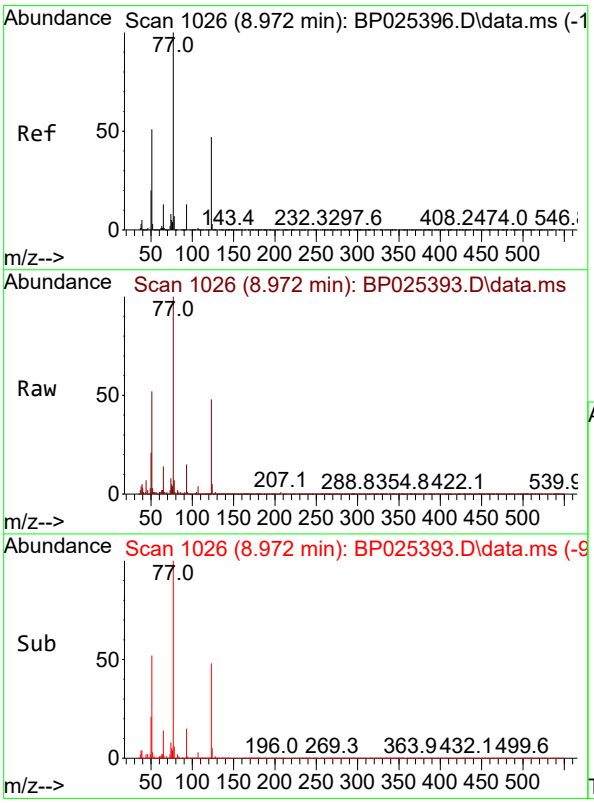
Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.7	56.5
54	47.2	39.8	59.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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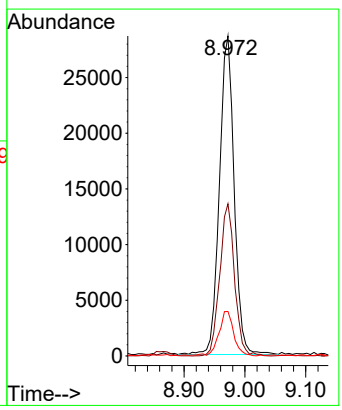
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

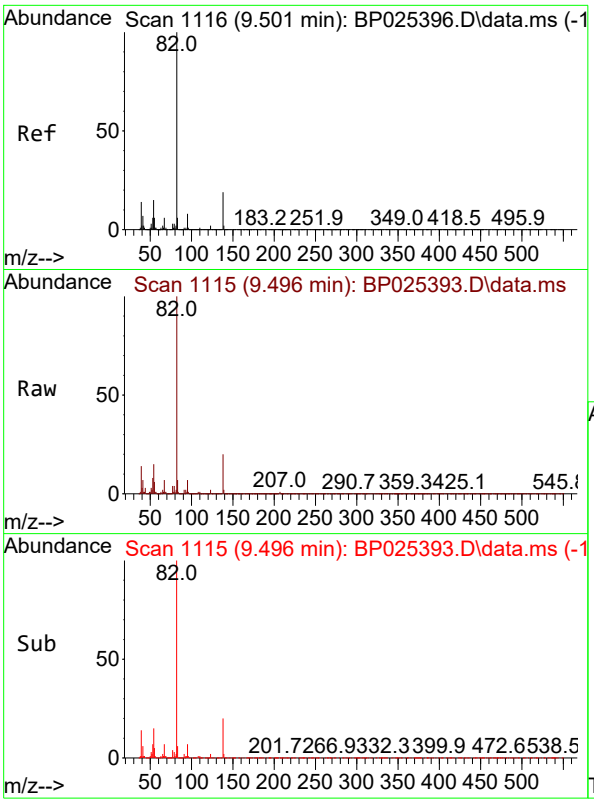


#24
Nitrobenzene
Concen: 4.951 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

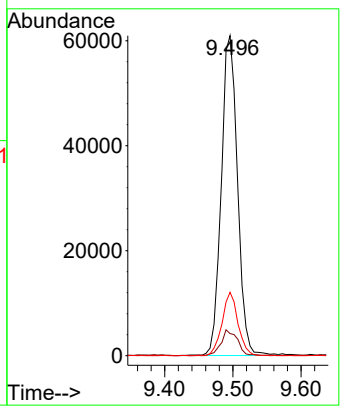




#25
Isophorone
Concen: 5.242 ng
RT: 9.496 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 82 Resp: 10111

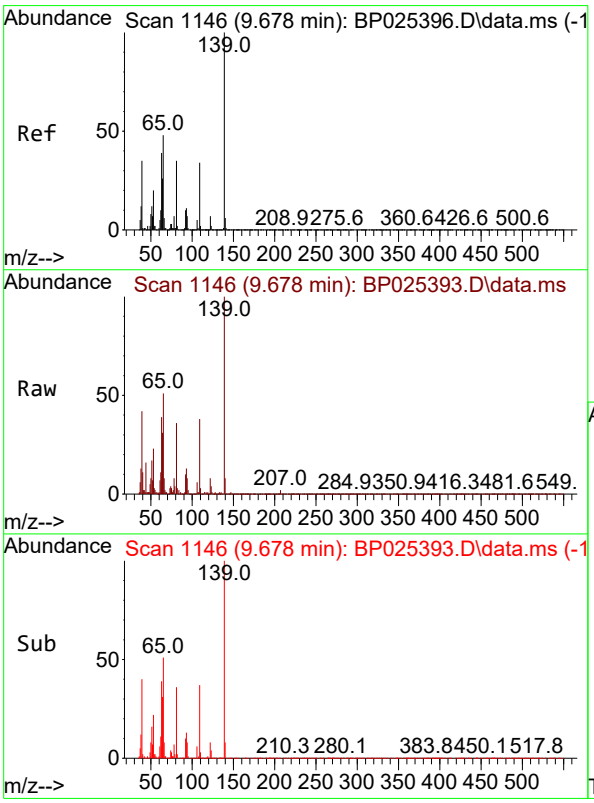
Ion	Ratio	Lower	Upper
82	100		
95	6.9	6.4	9.6
138	19.8	15.4	23.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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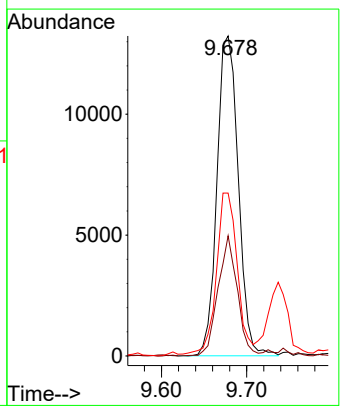
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

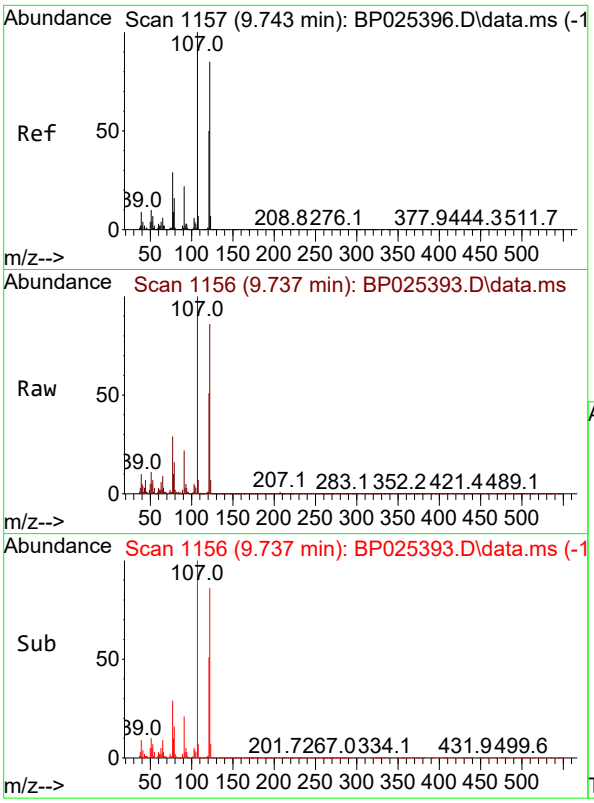


#26
2-Nitrophenol
Concen: 4.605 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

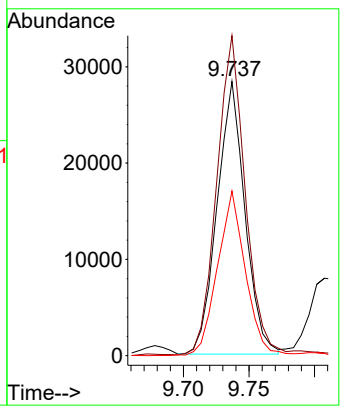




#27
2,4-Dimethylphenol
Concen: 4.861 ng
RT: 9.737 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:122 Resp: 4179

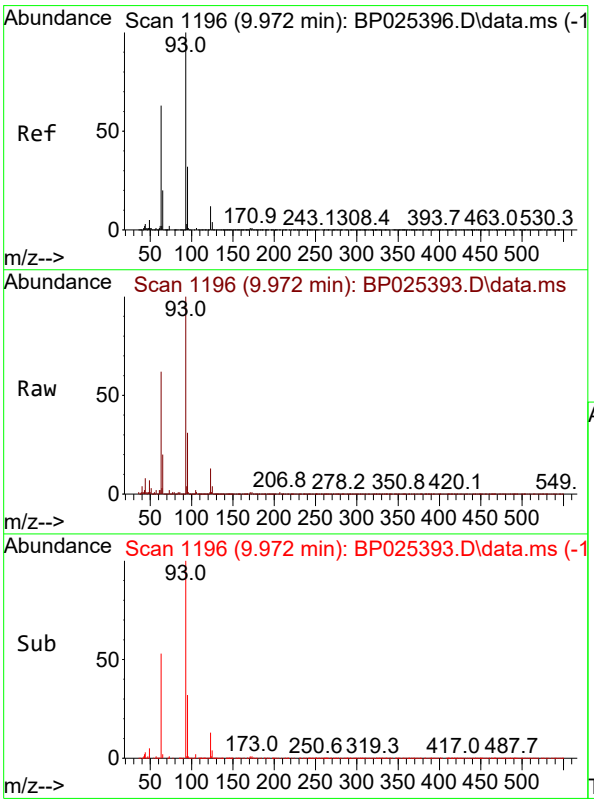
Ion	Ratio	Lower	Upper
122	100		
107	116.7	93.7	140.5
121	60.0	46.6	69.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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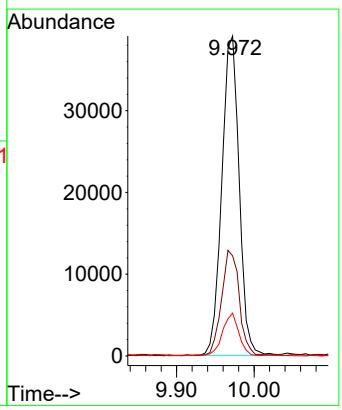
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

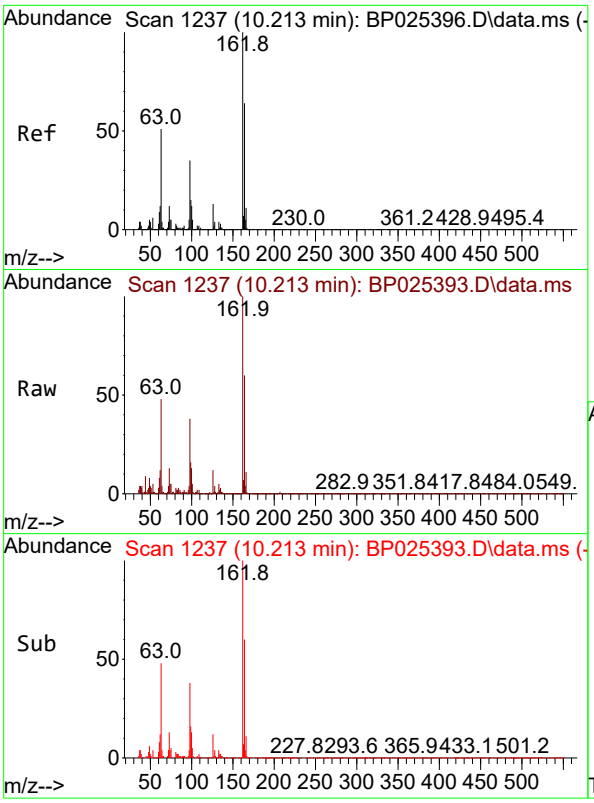


#28
bis(2-Chloroethoxy)methane
Concen: 5.233 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 93 Resp: 61017

Ion	Ratio	Lower	Upper
93	100		
95	31.3	25.4	38.0
123	13.4	9.4	14.0

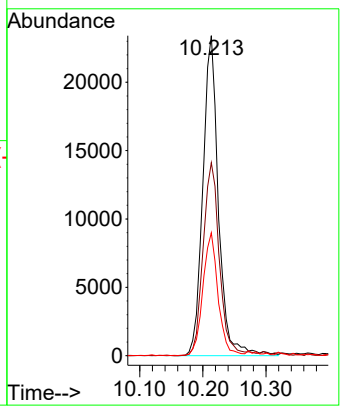




#29
2,4-Dichlorophenol
Concen: 4.723 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:162 Resp: 4033

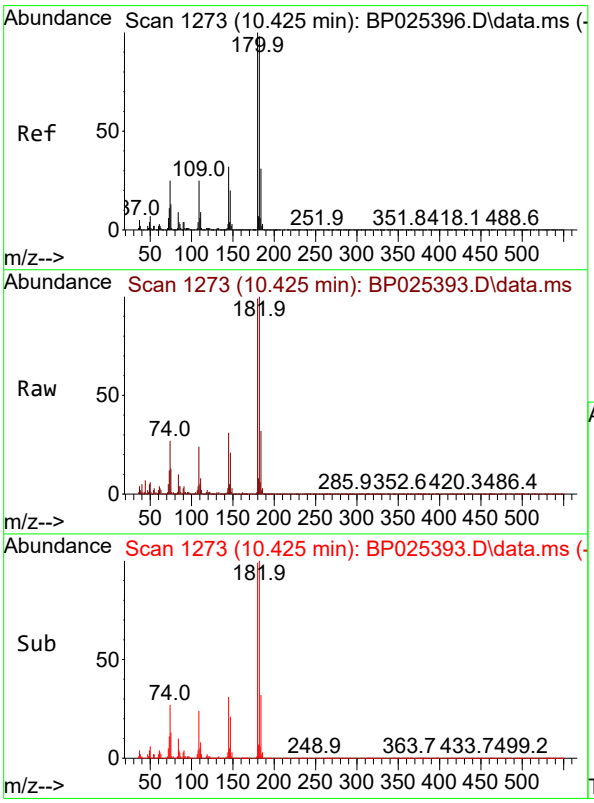
Ion	Ratio	Lower	Upper
162	100		
164	60.3	44.4	84.4
98	38.4	14.9	54.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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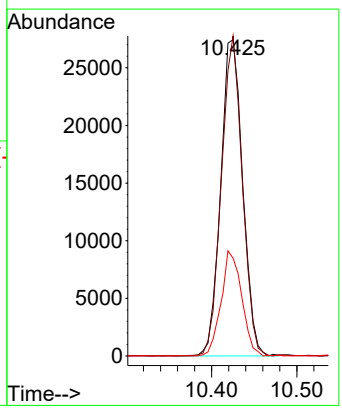
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

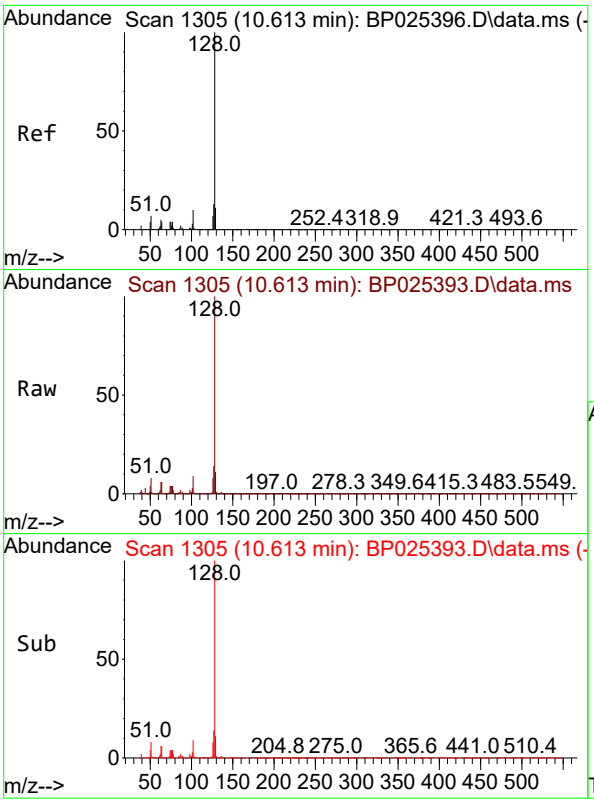


#30
1,2,4-Trichlorobenzene
Concen: 5.259 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:180 Resp: 49237

Ion	Ratio	Lower	Upper
180	100		
182	101.2	78.0	117.0
145	30.9	25.9	38.9

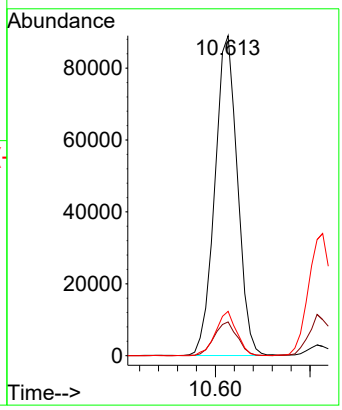




#31
Naphthalene
Concen: 5.141 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:128 Resp: 14734

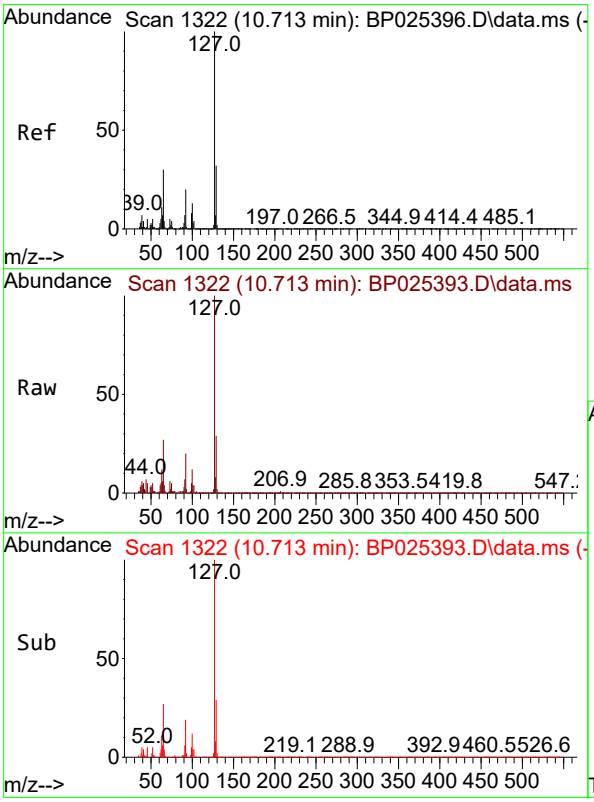
Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	13.0
127	13.9	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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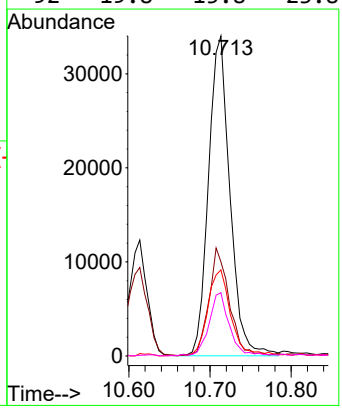
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

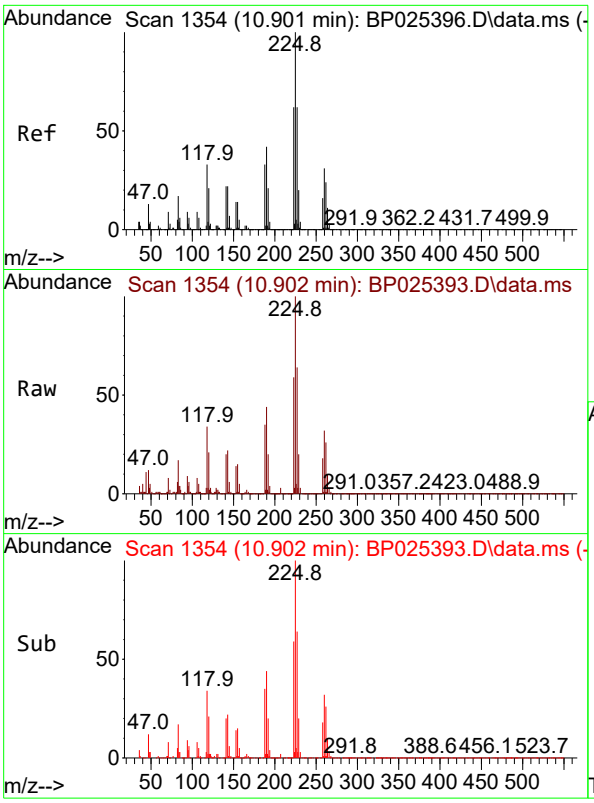


#33
4-Chloroaniline
Concen: 4.933 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

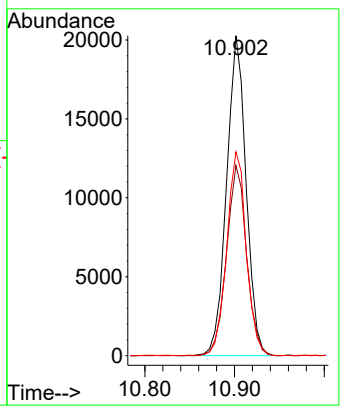




#34
Hexachlorobutadiene
Concen: 5.241 ng
RT: 10.902 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:225 Resp: 3055

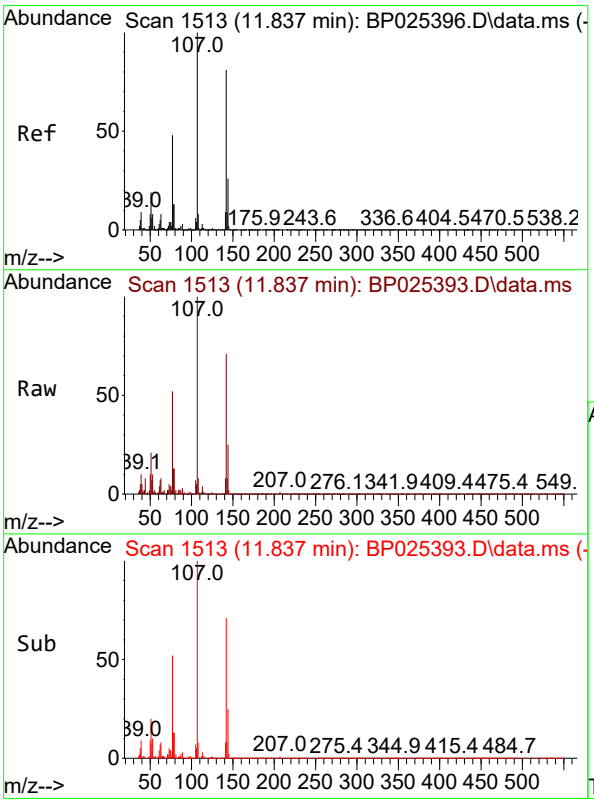
Ion	Ratio	Lower	Upper
225	100		
223	59.4	50.0	75.0
227	66.3	49.7	74.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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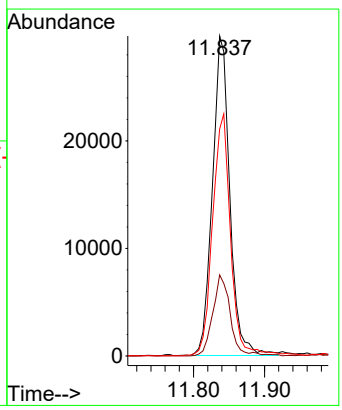
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

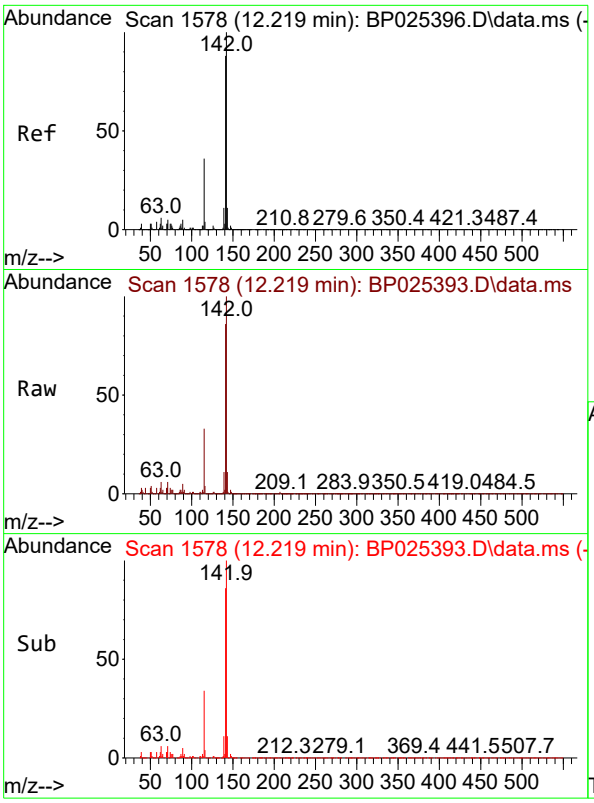


#36
4-Chloro-3-methylphenol
Concen: 5.154 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

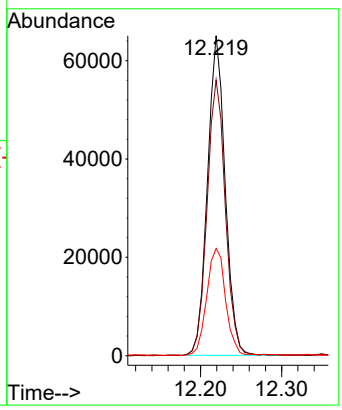




#37
2-Methylnaphthalene
Concen: 5.289 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:142 Resp: 9864

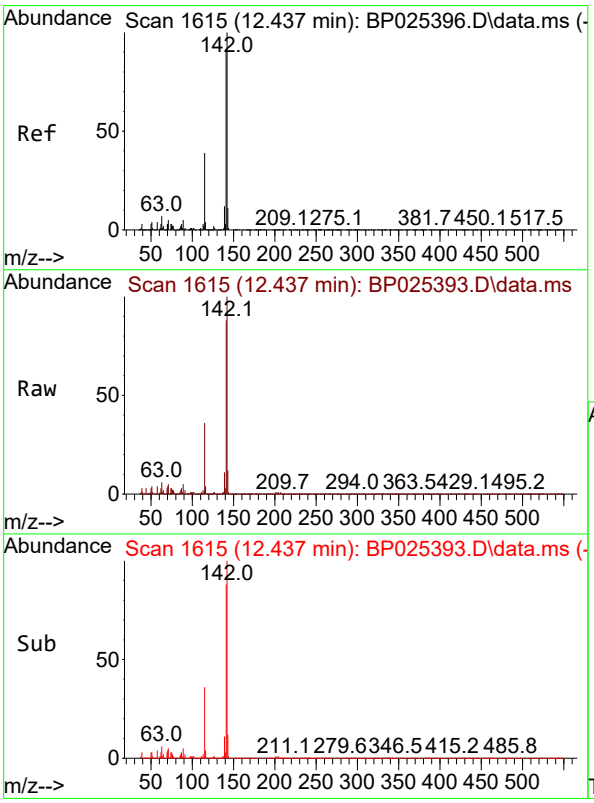
Ion	Ratio	Lower	Upper
142	100		
141	86.1	70.3	105.5
115	33.5	28.9	43.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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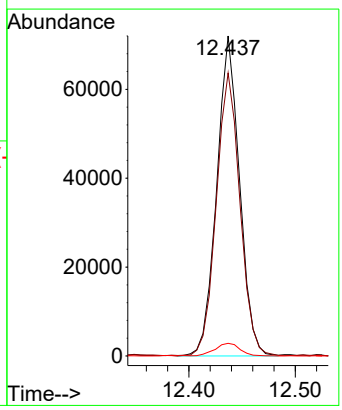
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

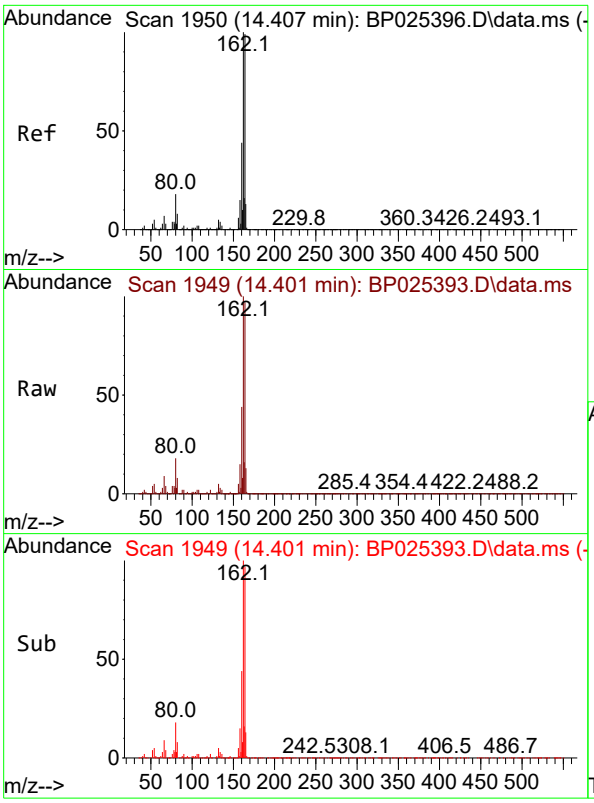


#38
1-Methylnaphthalene
Concen: 5.397 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

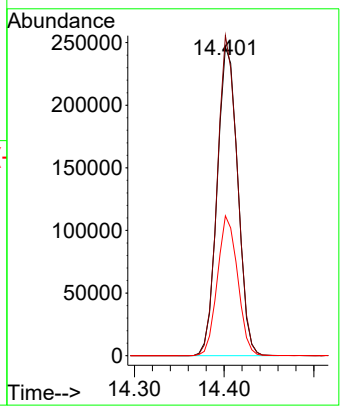




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:164 Resp: 39237

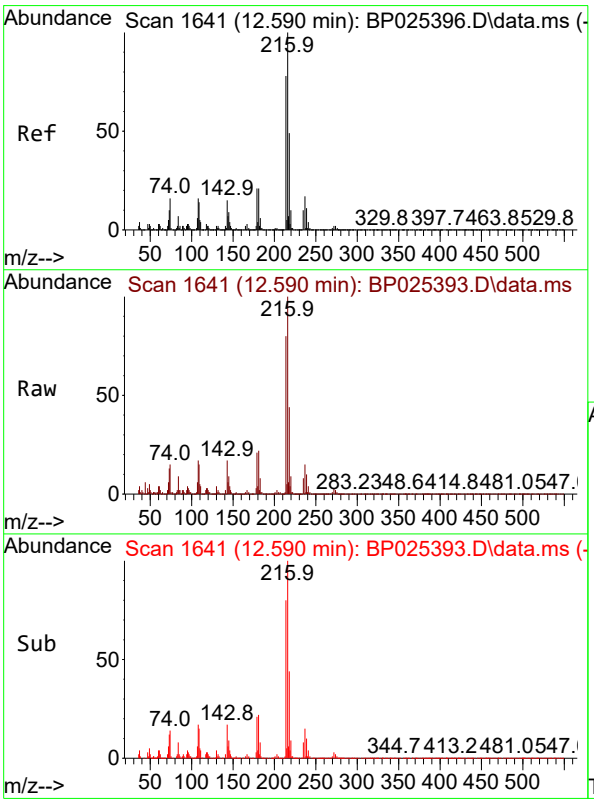
Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.0	121.6
160	45.3	35.4	53.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

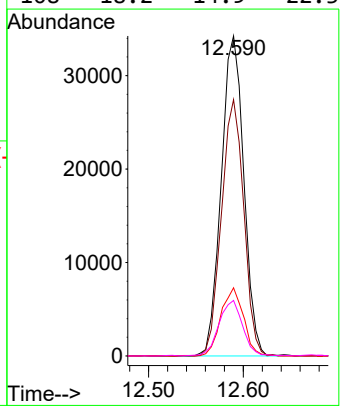
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

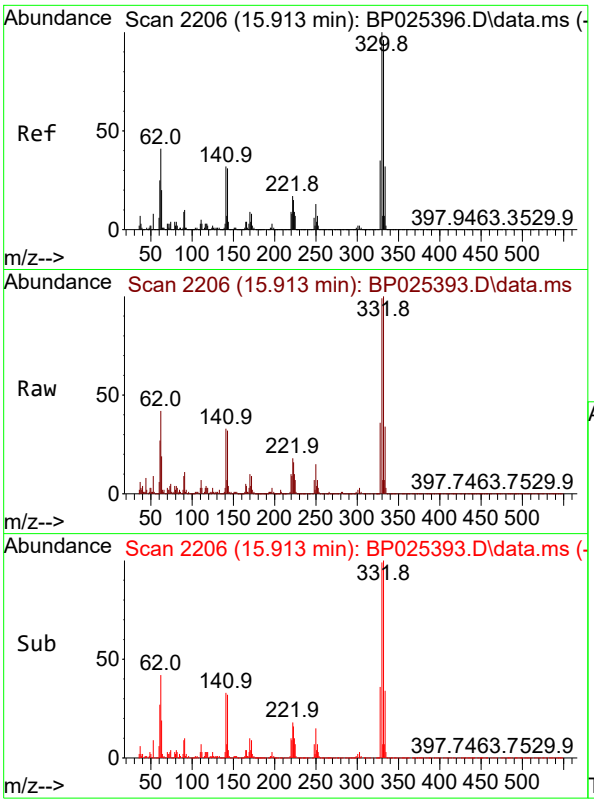


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.001 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:216 Resp: 56676

Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.4
179	21.3	17.1	25.7
108	18.2	14.9	22.3

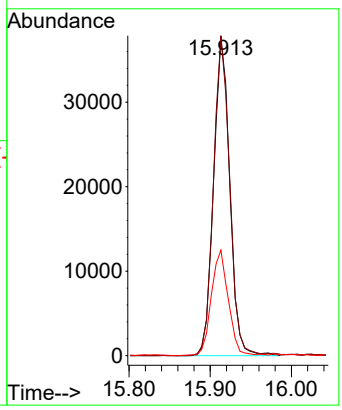




#42
2,4,6-Tribromophenol
Concen: 9.881 ng
RT: 15.913 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:330 Resp: 5218

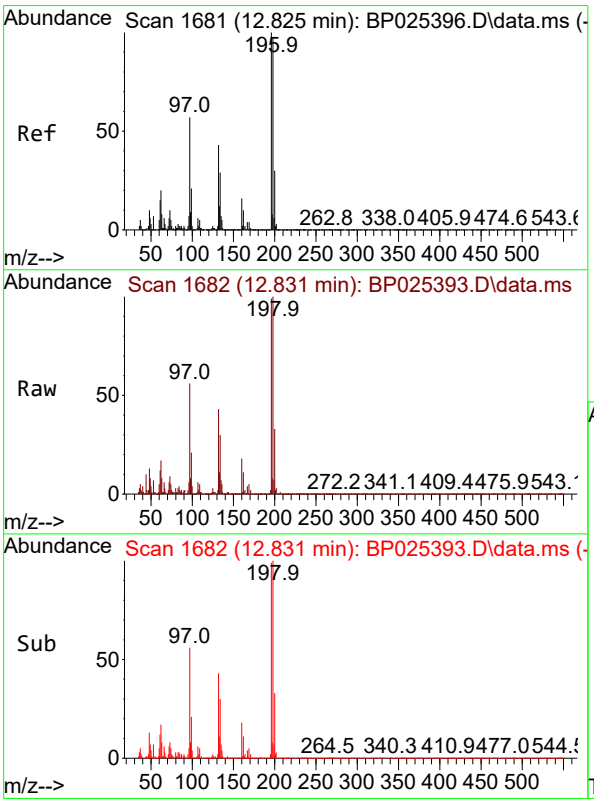
Ion	Ratio	Lower	Upper
330	100		
332	100.4	77.3	115.9
141	34.9	26.6	39.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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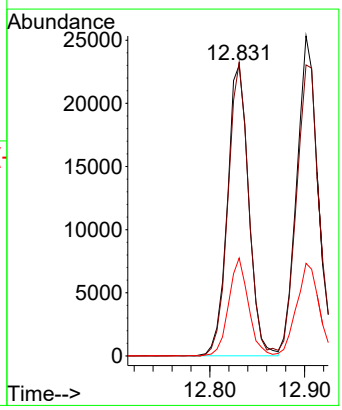
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

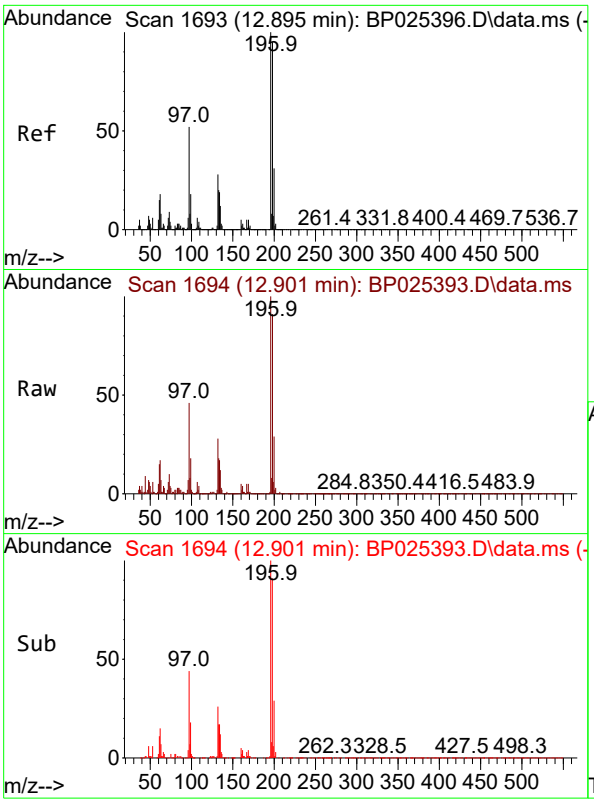


#43
2,4,6-Trichlorophenol
Concen: 4.718 ng
RT: 12.831 min Scan# 1682
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:196 Resp: 36093

Ion	Ratio	Lower	Upper
196	100		
198	101.0	77.2	115.8
200	33.7	23.9	35.9

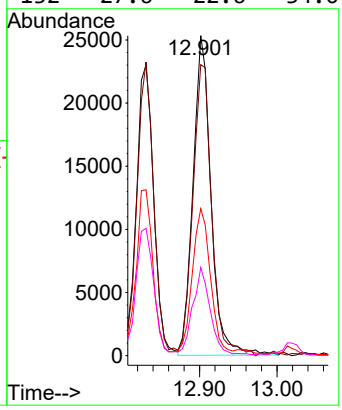




#44
2,4,5-Trichlorophenol
Concen: 4.875 ng
RT: 12.901 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:196 Resp: 4087

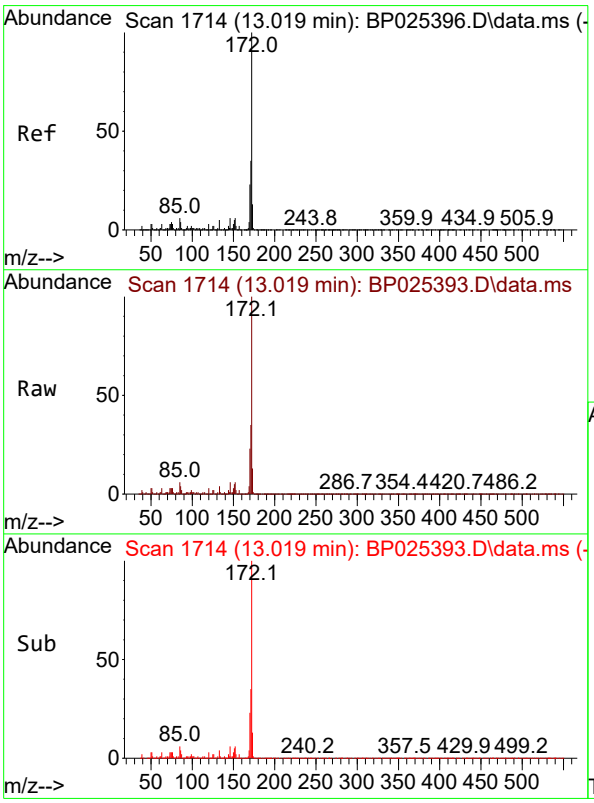
Ion	Ratio	Lower	Upper
196	100		
198	91.0	76.2	114.2
97	46.0	41.2	61.8
132	27.6	22.6	34.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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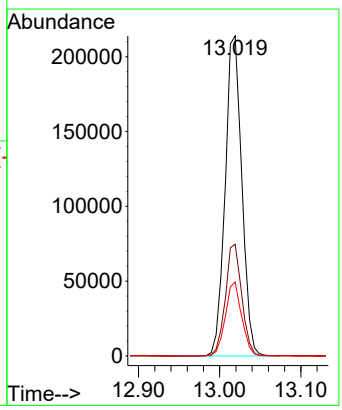
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

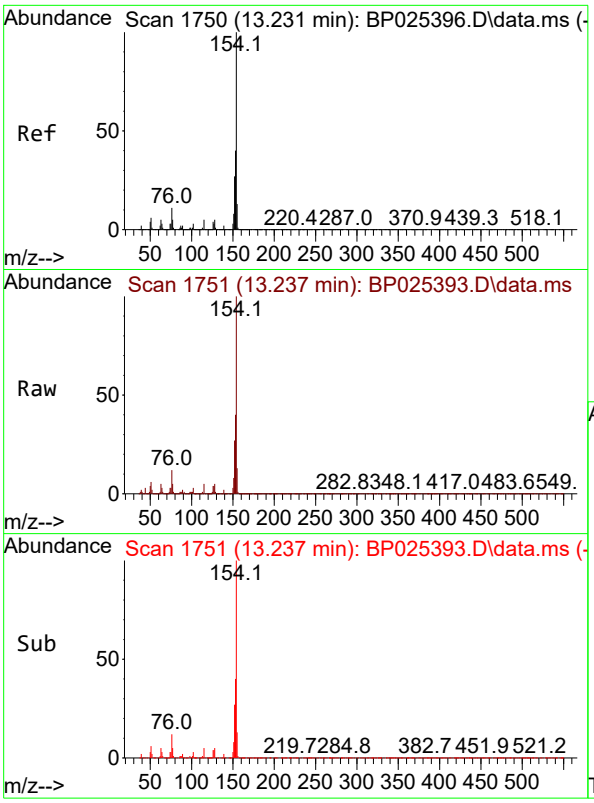


#45
2-Fluorobiphenyl
Concen: 10.649 ng
RT: 13.019 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:172 Resp: 305742

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.1	42.1
170	23.1	18.6	28.0

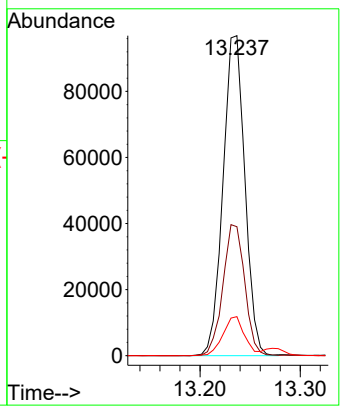




#46
1,1'-Biphenyl
Concen: 5.146 ng
RT: 13.237 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:154 Resp: 14665

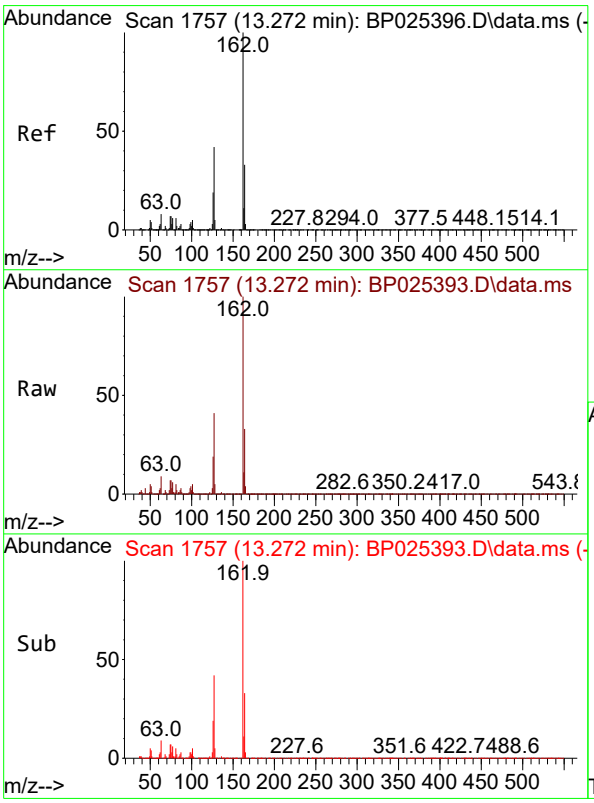
Ion	Ratio	Lower	Upper
154	100		
153	40.3	19.5	59.5
76	12.2	0.0	31.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

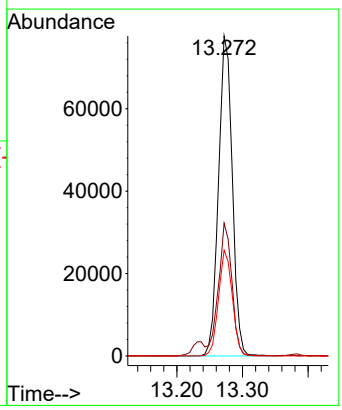
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

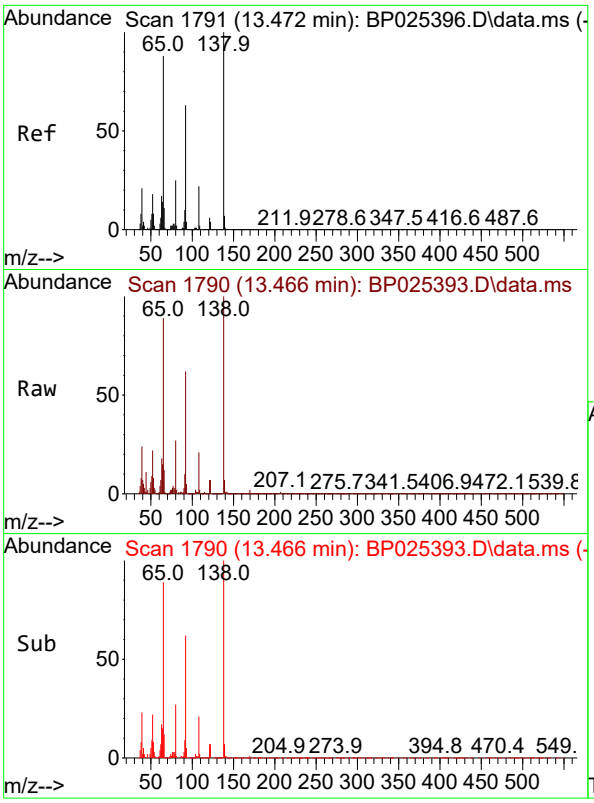


#47
2-Chloronaphthalene
Concen: 5.094 ng
RT: 13.272 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

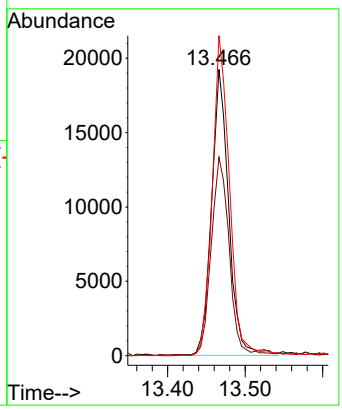




#48
2-Nitroaniline
Concen: 4.568 ng
RT: 13.466 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 65 Resp: 2952

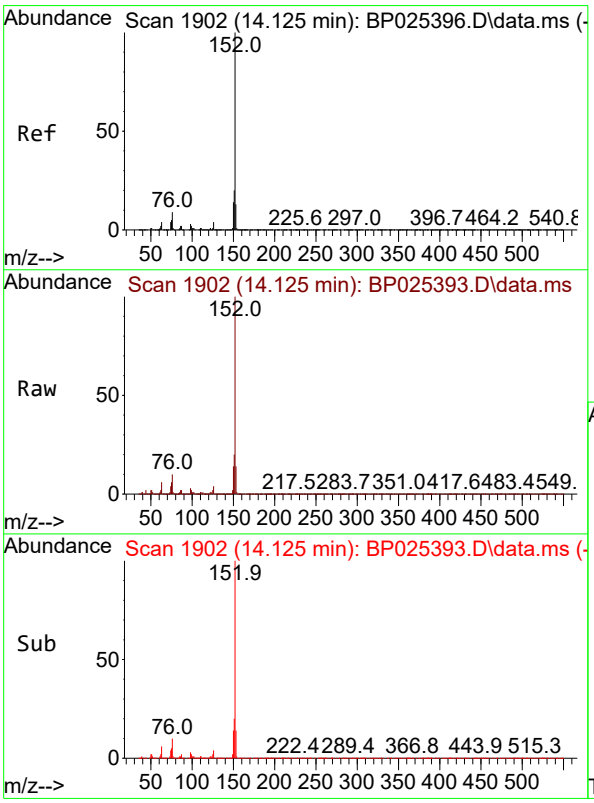
Ion	Ratio	Lower	Upper
65	100		
92	69.3	57.6	86.4
138	111.8	91.0	136.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

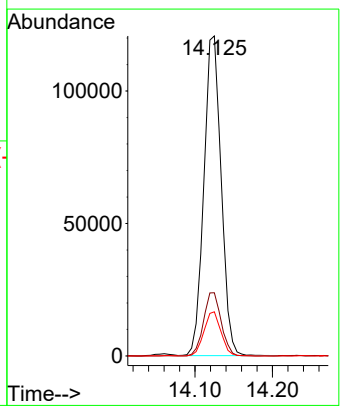
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

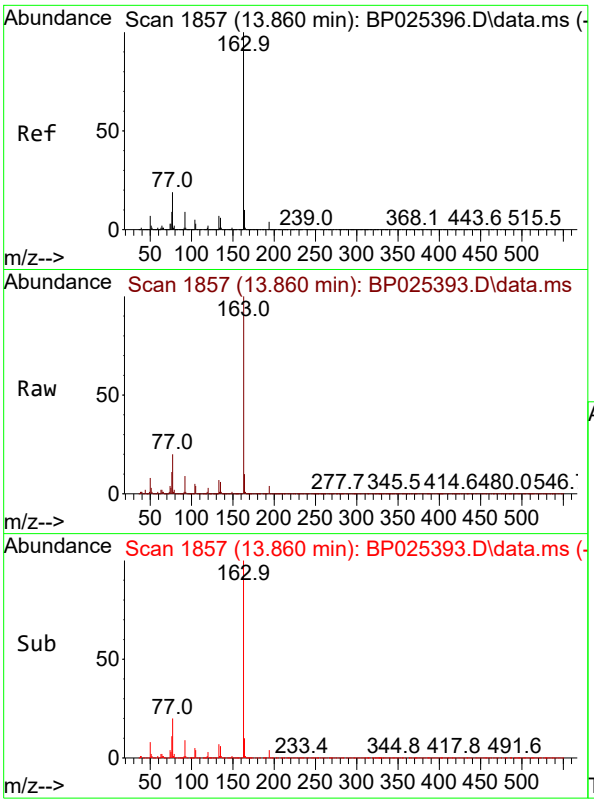


#49
Acenaphthylene
Concen: 5.095 ng
RT: 14.125 min Scan# 1902
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:152 Resp: 187026

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	13.8	10.6	15.8

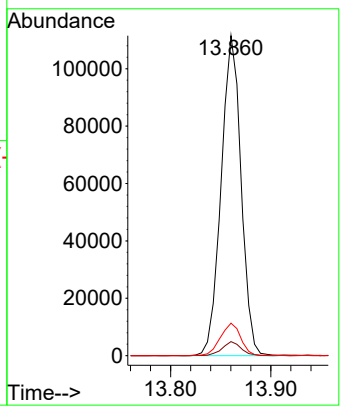




#50
Dimethylphthalate
Concen: 5.355 ng
RT: 13.860 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:163 Resp: 15386

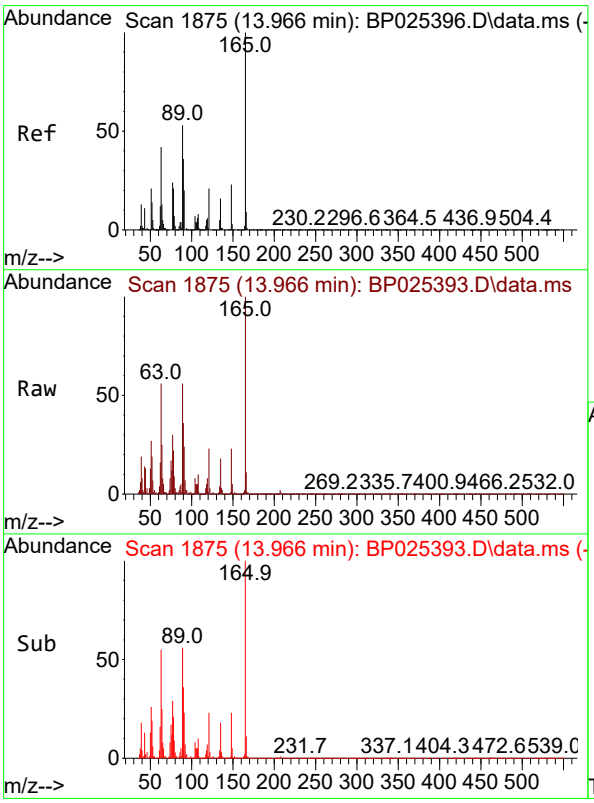
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.1	7.9	11.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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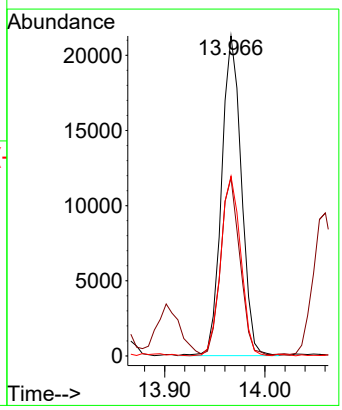
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

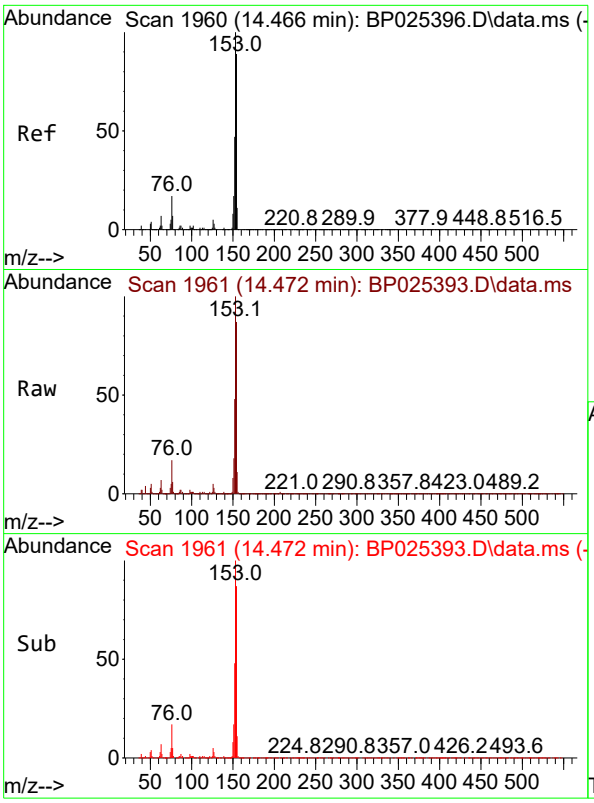


#51
2,6-Dinitrotoluene
Concen: 4.803 ng
RT: 13.966 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:165 Resp: 29088

Ion	Ratio	Lower	Upper
165	100		
63	55.7	40.9	61.3
89	56.2	42.1	63.1

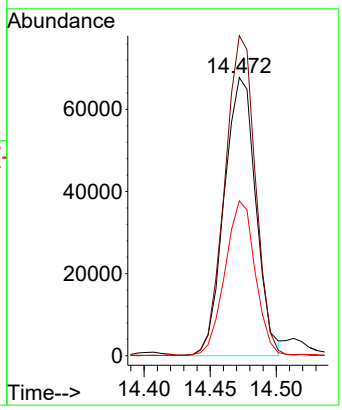




#52
Acenaphthene
Concen: 5.232 ng m
RT: 14.472 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:154 Resp: 11273

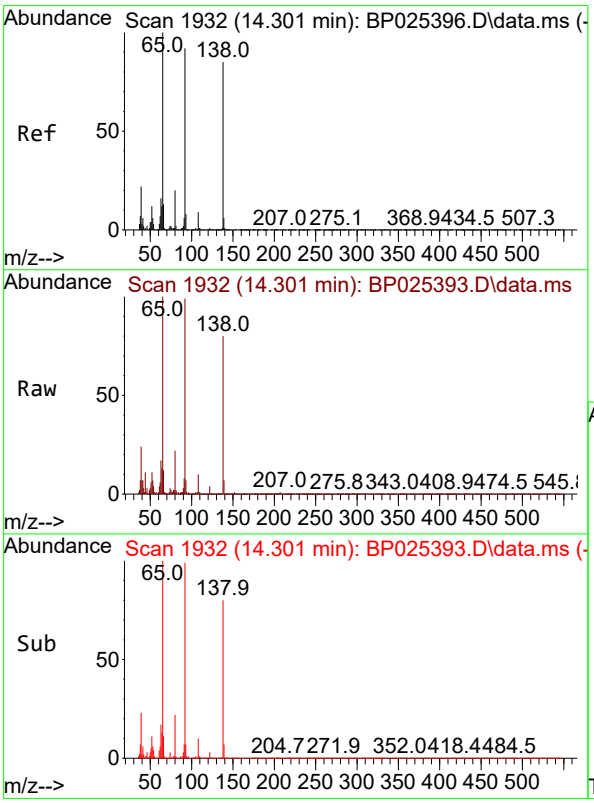
Ion	Ratio	Lower	Upper
154	100		
153	115.1	90.2	135.2
152	55.7	42.1	63.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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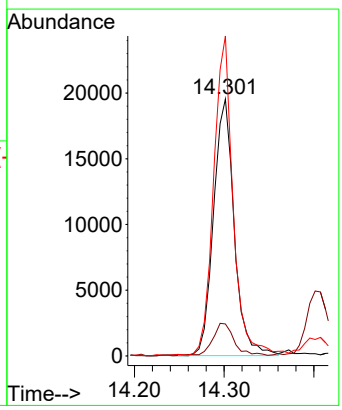
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

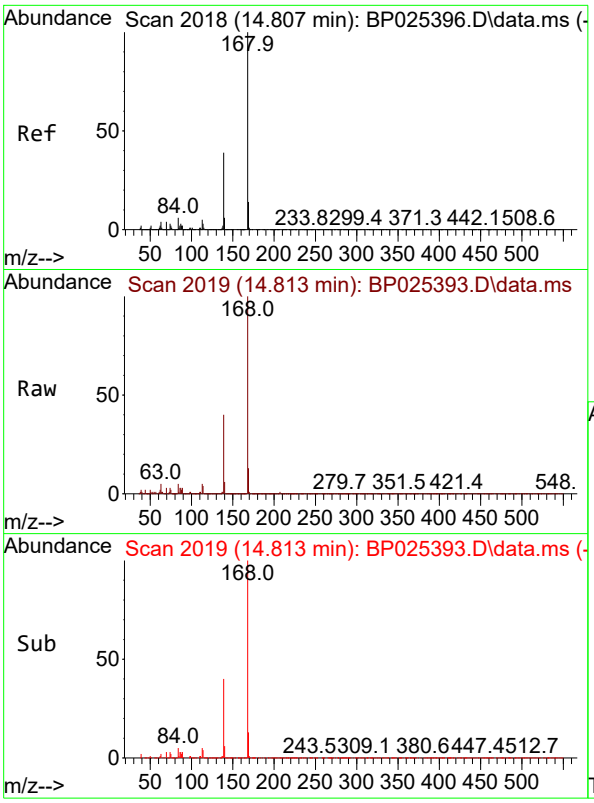


#53
3-Nitroaniline
Concen: 4.583 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:138 Resp: 31224

Ion	Ratio	Lower	Upper
138	100		
108	12.5	8.3	12.5
92	124.5	86.2	129.2

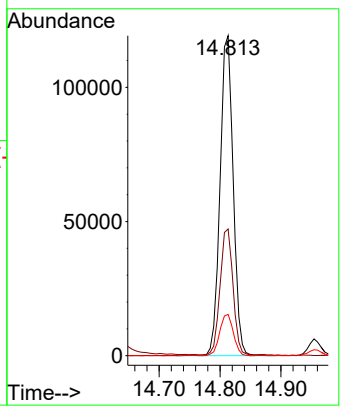




#55
Dibenzofuran
Concen: 5.240 ng
RT: 14.813 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:168 Resp: 17849

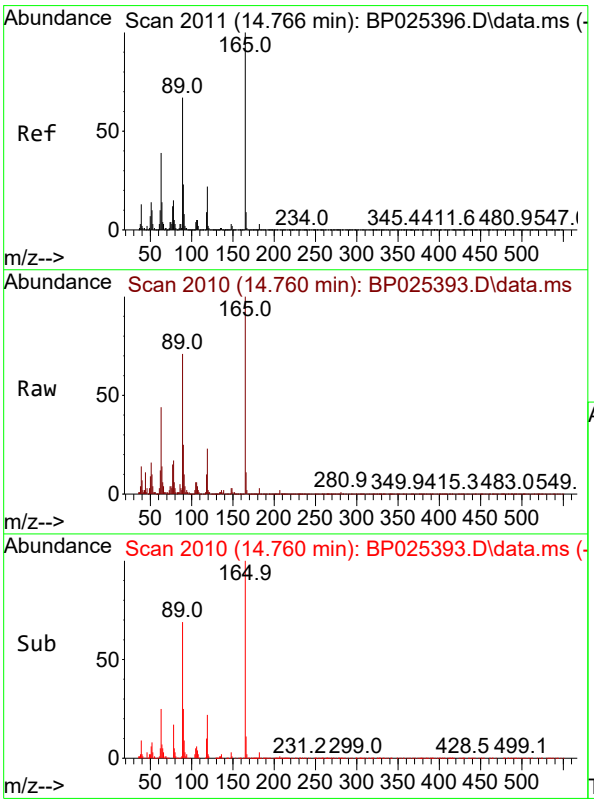
Ion	Ratio	Lower	Upper
168	100		
139	39.6	31.5	47.3
169	12.9	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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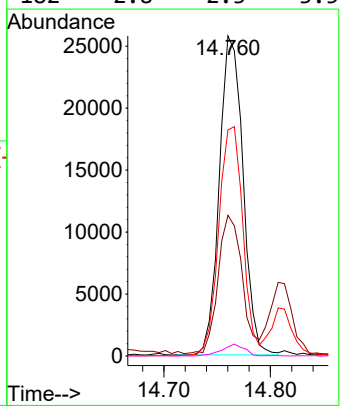
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

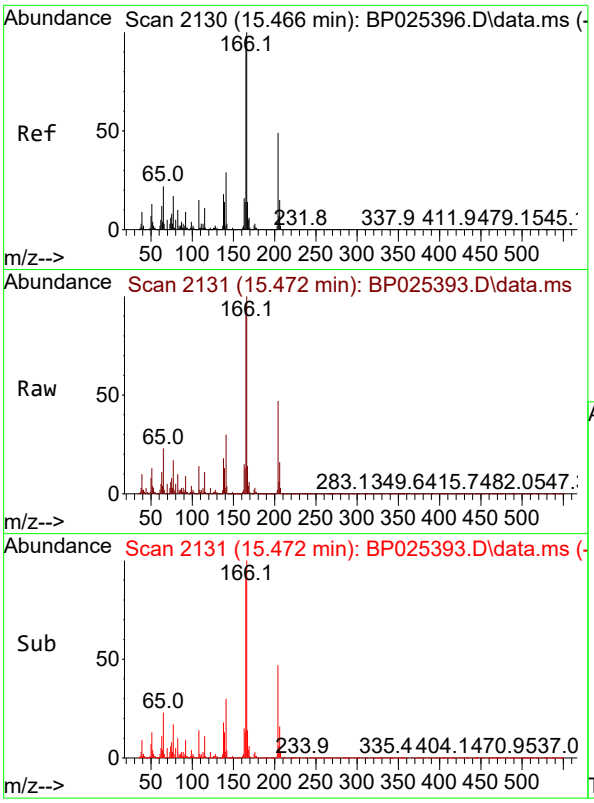


#57
2,4-Dinitrotoluene
Concen: 4.590 ng
RT: 14.760 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

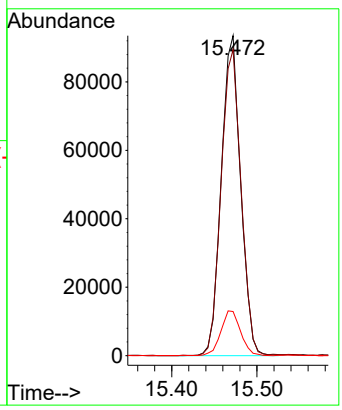
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

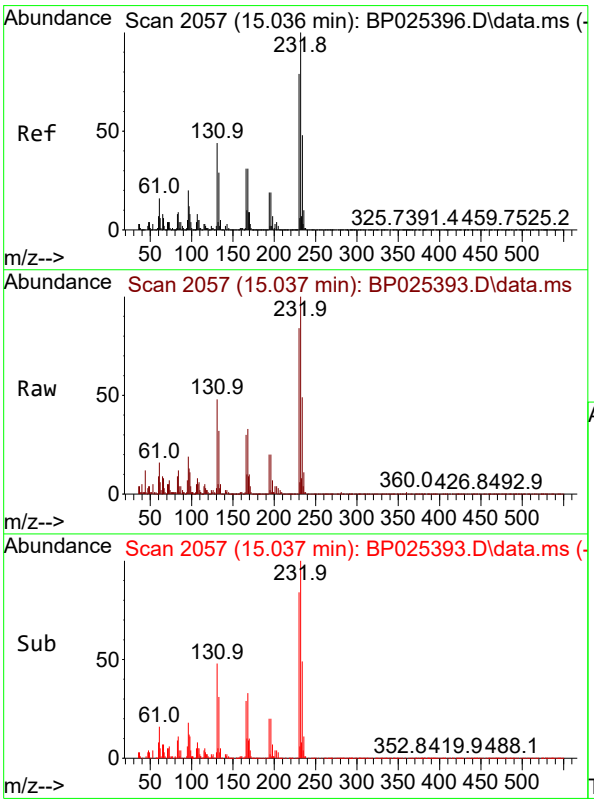
Tgt Ion:166 Resp: 14776

Ion	Ratio	Lower	Upper
166	100		
165	95.7	78.8	118.2
167	13.8	11.0	16.4

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

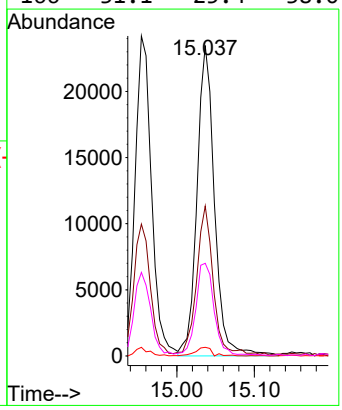


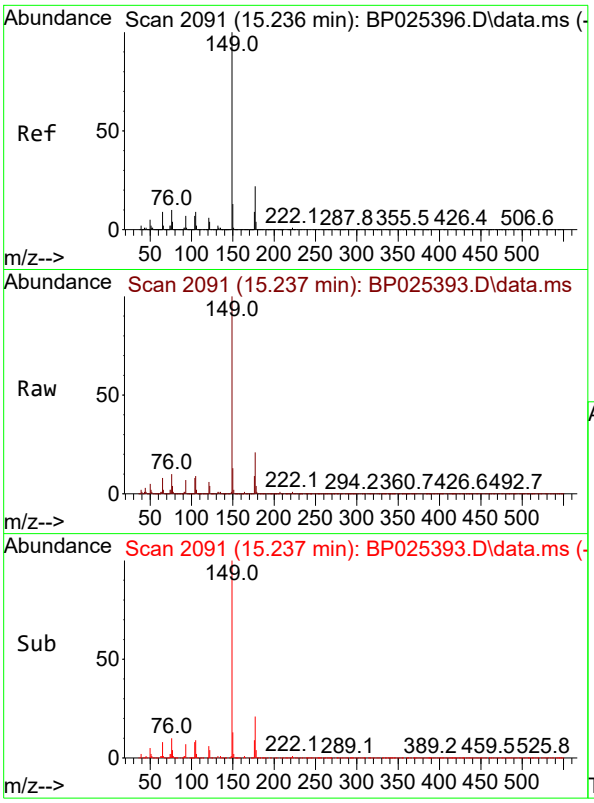


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.968 ng
RT: 15.037 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

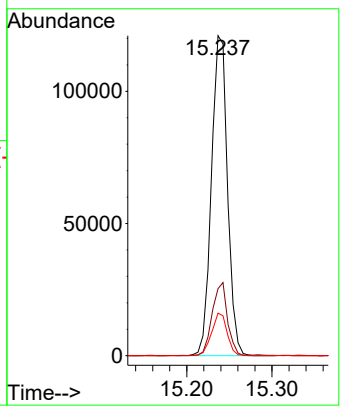




#60
Diethylphthalate
Concen: 5.426 ng
RT: 15.237 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:149 Resp: 15842

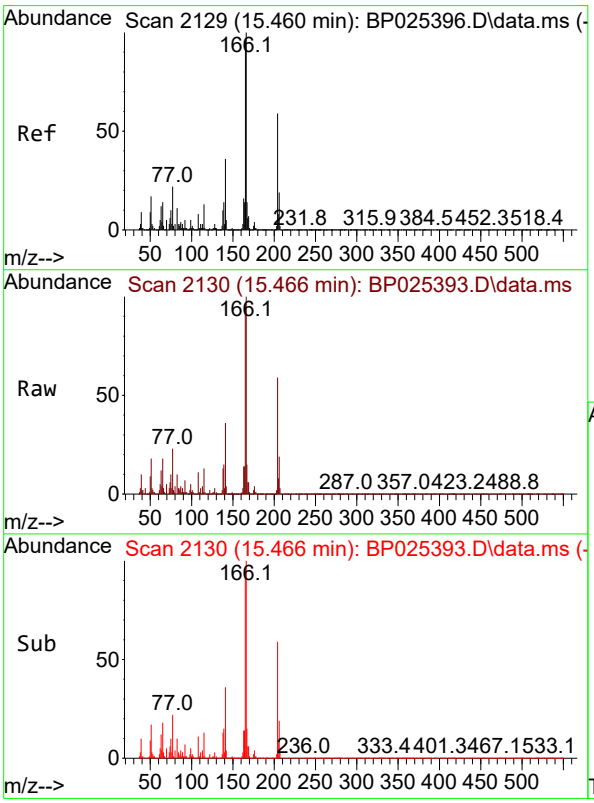
Ion	Ratio	Lower	Upper
149	100		
177	20.9	17.3	25.9
150	13.3	10.3	15.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

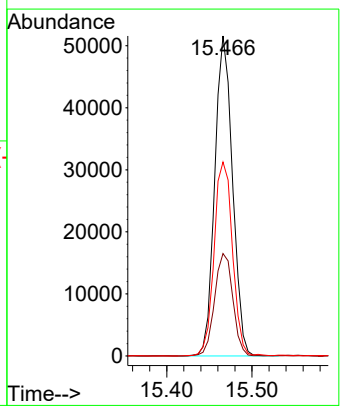
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

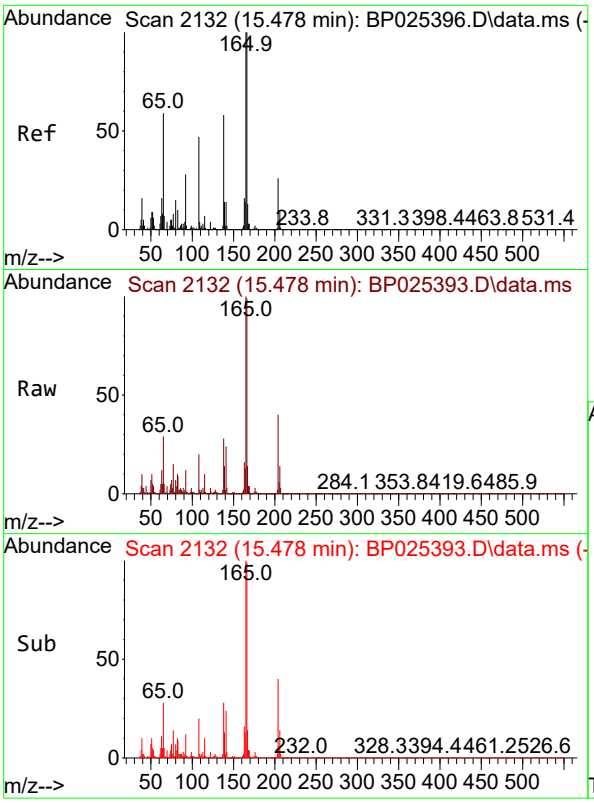


#61
4-Chlorophenyl-phenylether
Concen: 5.583 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

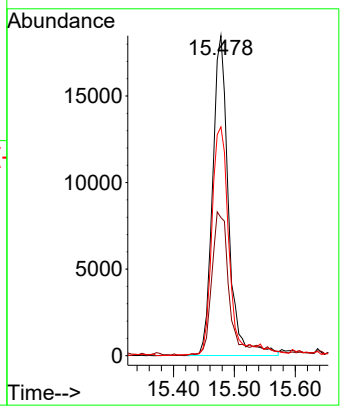




#62
4-Nitroaniline
Concen: 4.791 ng
RT: 15.478 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:138 Resp: 3346

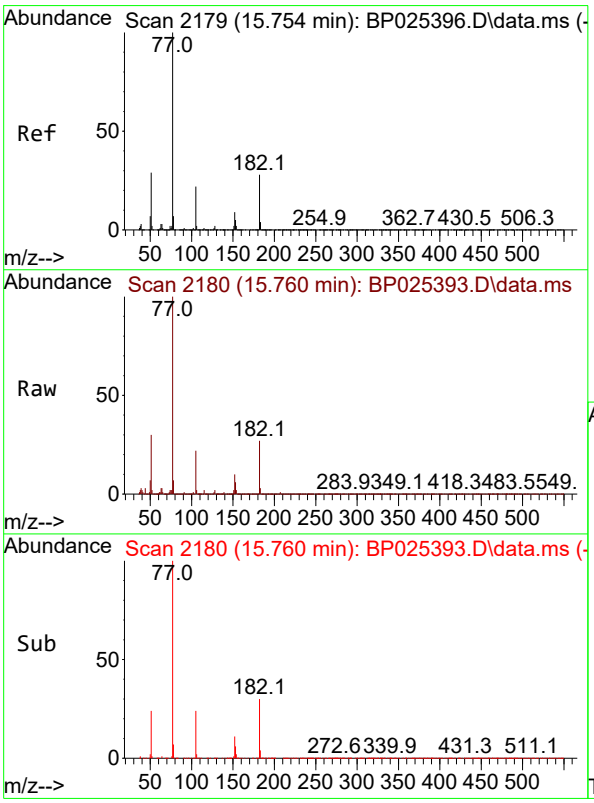
Ion	Ratio	Lower	Upper
138	100		
92	43.2	29.1	69.1
108	71.5	61.5	101.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

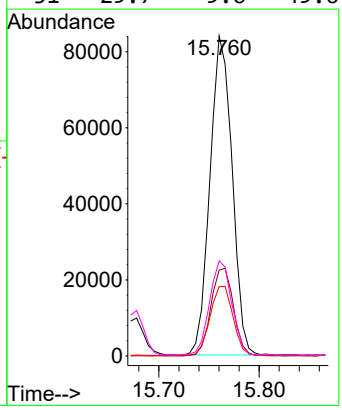
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

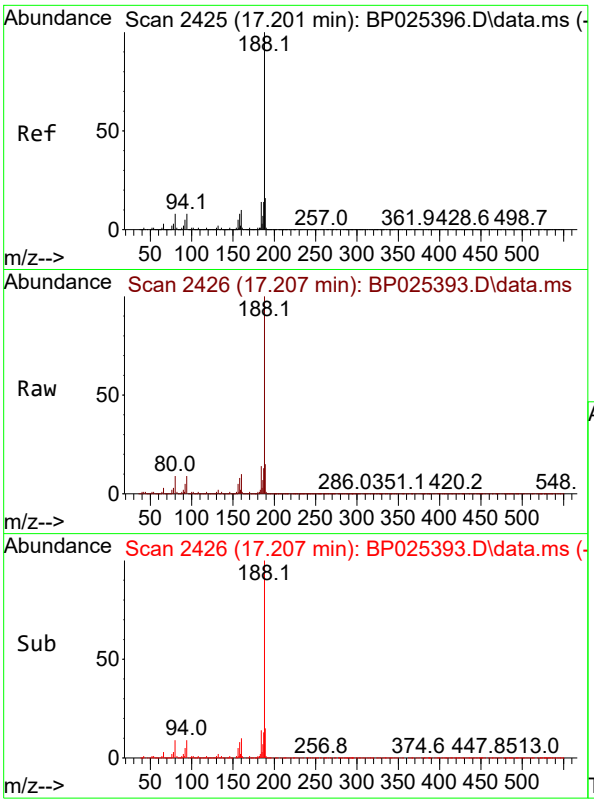


#63
Azobenzene
Concen: 5.159 ng
RT: 15.760 min Scan# 2180
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 77 Resp: 128978

Ion	Ratio	Lower	Upper
77	100		
182	26.8	7.5	47.5
105	21.6	2.1	42.1
51	29.7	9.6	49.6

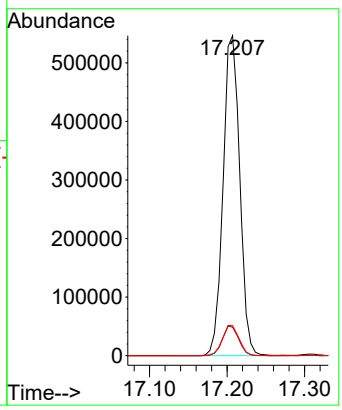




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:188 Resp: 81633

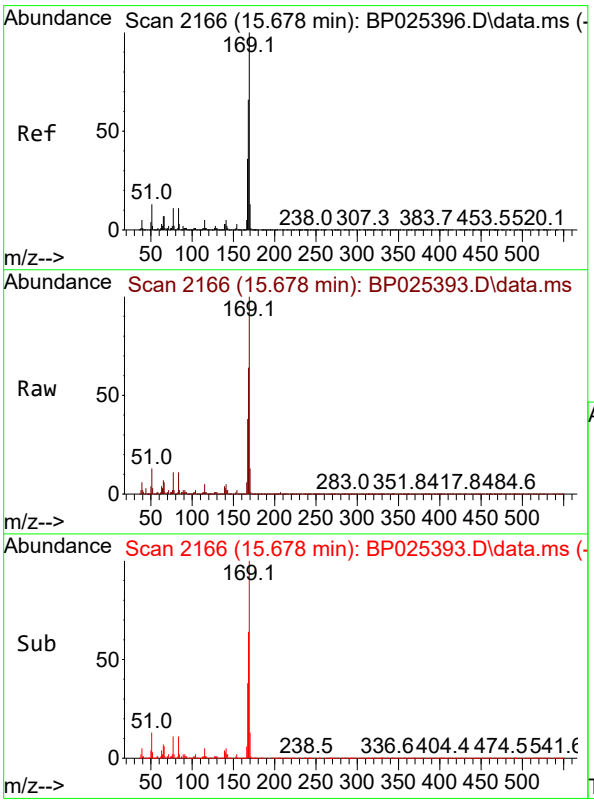
Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.6	10.0
80	9.4	6.7	10.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

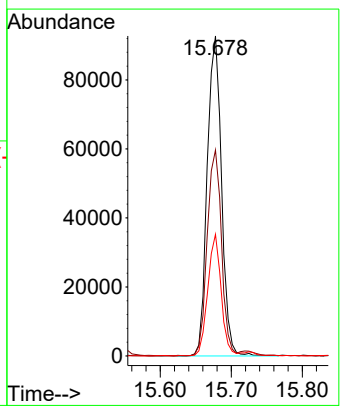
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

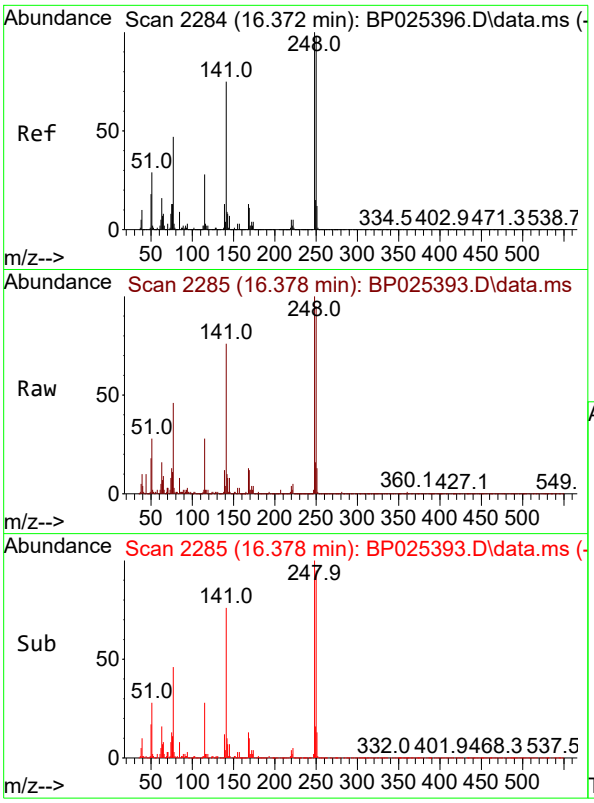


#66
n-Nitrosodiphenylamine
Concen: 5.214 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

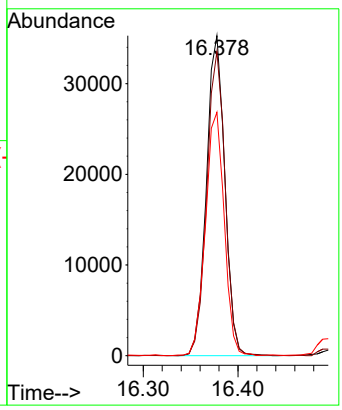




#67
4-Bromophenyl-phenylether
Concen: 5.299 ng
RT: 16.378 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:248 Resp: 4757

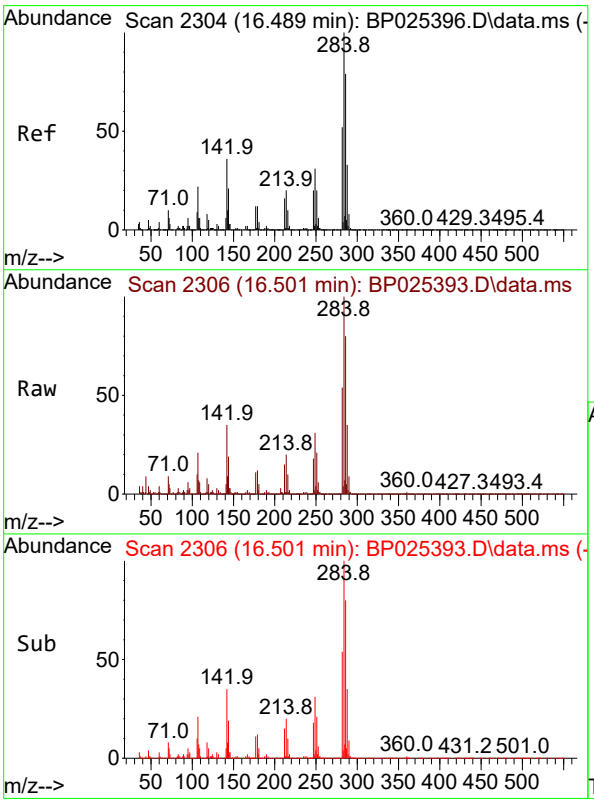
Ion	Ratio	Lower	Upper
248	100		
250	95.1	78.2	117.2
141	76.0	59.6	89.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

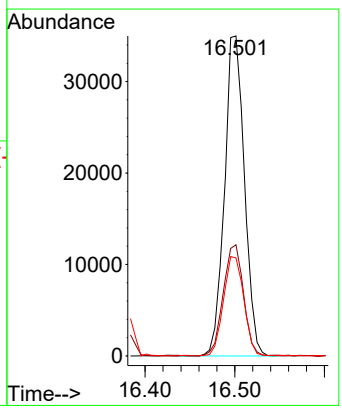
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

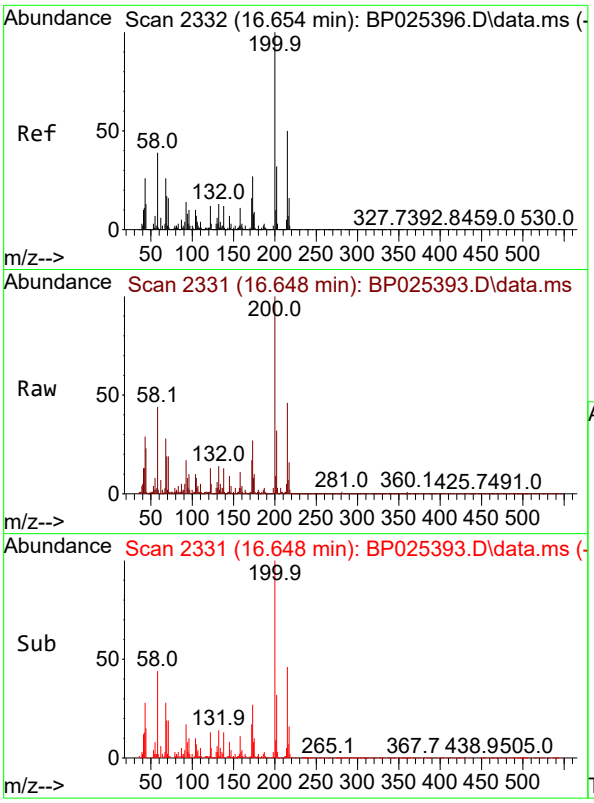


#68
Hexachlorobenzene
Concen: 5.183 ng
RT: 16.501 min Scan# 2306
Delta R.T. 0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

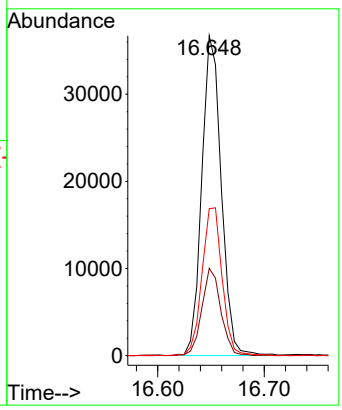




#69
Atrazine
Concen: 5.015 ng
RT: 16.648 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:200 Resp: 4675

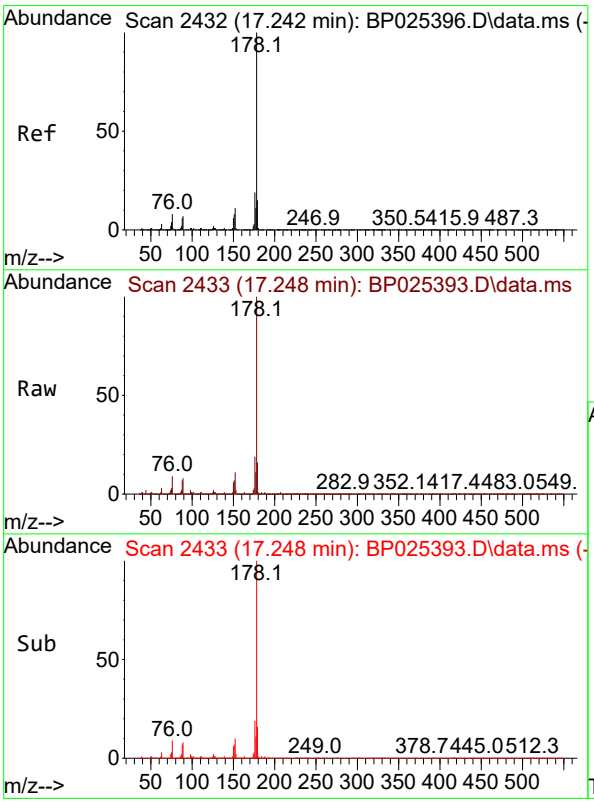
Ion	Ratio	Lower	Upper
200	100		
173	27.3	6.7	46.7
215	45.9	29.7	69.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

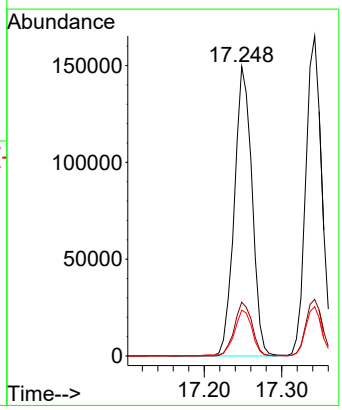
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

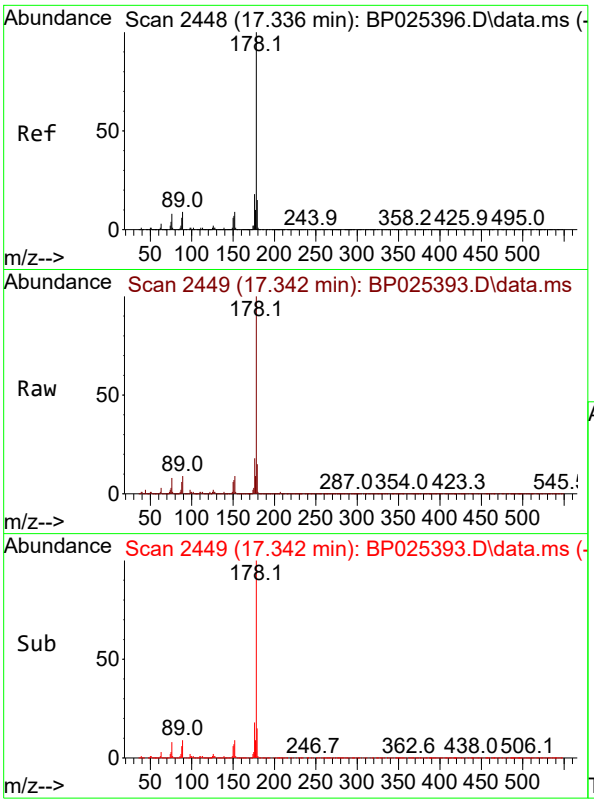


#71
Phenanthrene
Concen: 5.287 ng
RT: 17.248 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

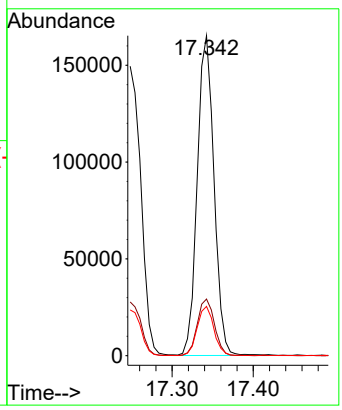




#72
Anthracene
Concen: 5.174 ng
RT: 17.342 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:178 Resp: 23693

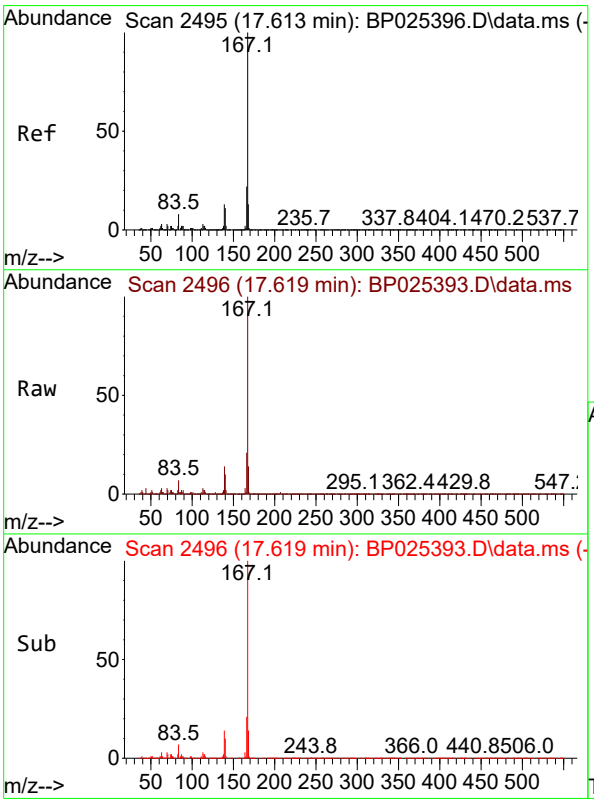
Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.7	22.1
179	15.4	12.2	18.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

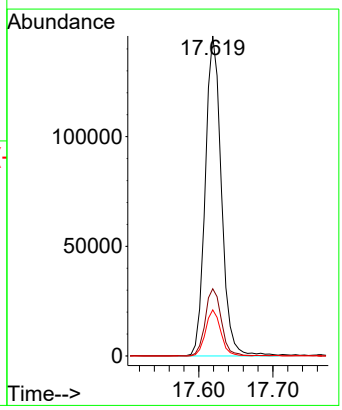
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

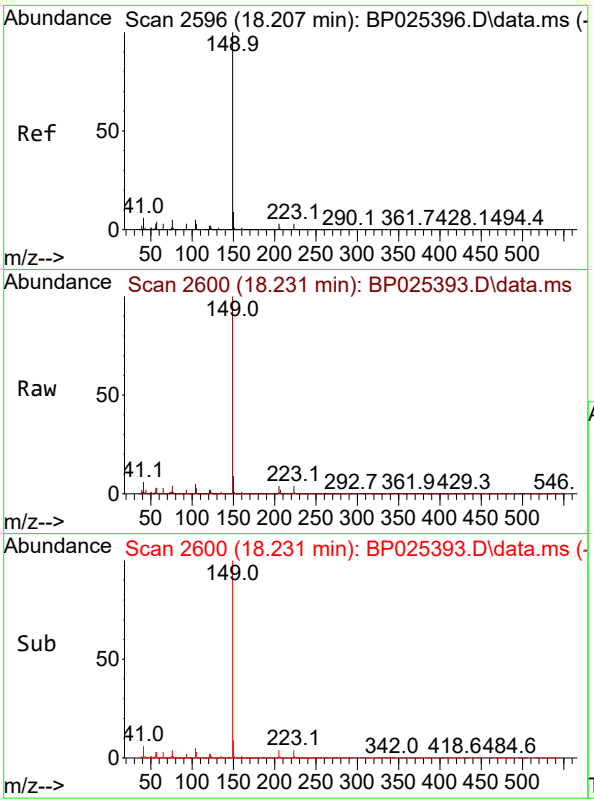


#73
Carbazole
Concen: 5.103 ng
RT: 17.619 min Scan# 2496
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:167 Resp: 220112

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.5	26.3
139	14.4	10.6	16.0

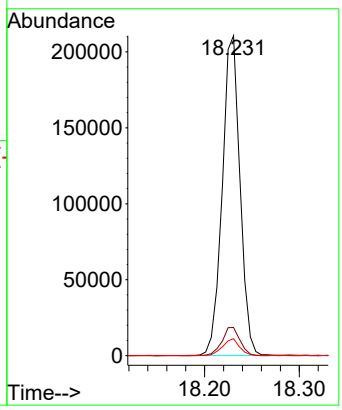




#74
Di-n-butylphthalate
Concen: 5.172 ng
RT: 18.231 min Scan# 2
Delta R.T. 0.024 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:149 Resp: 27446

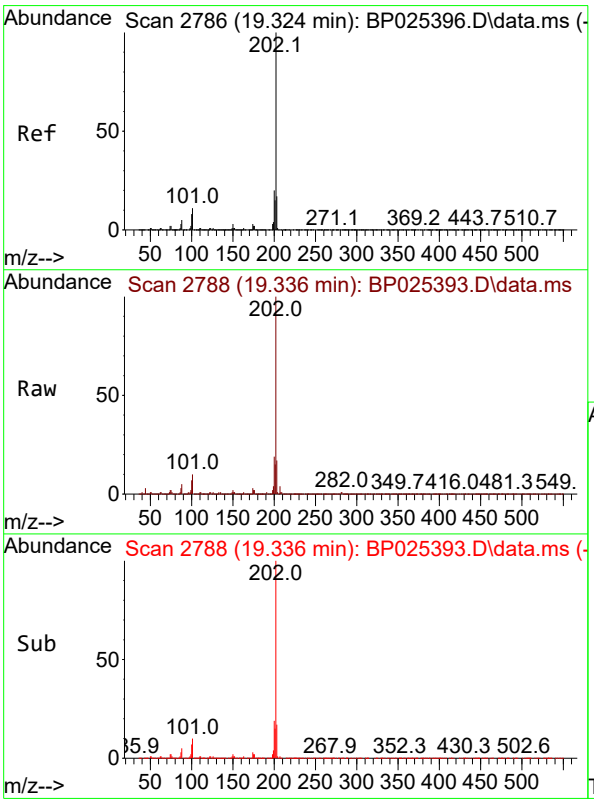
Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.4	11.0
104	5.3	4.2	6.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

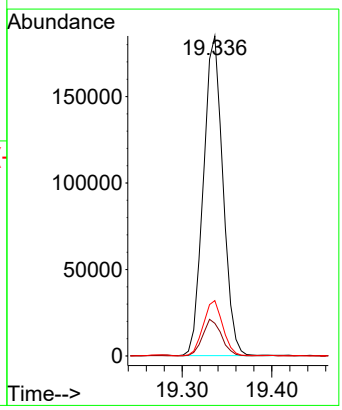
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

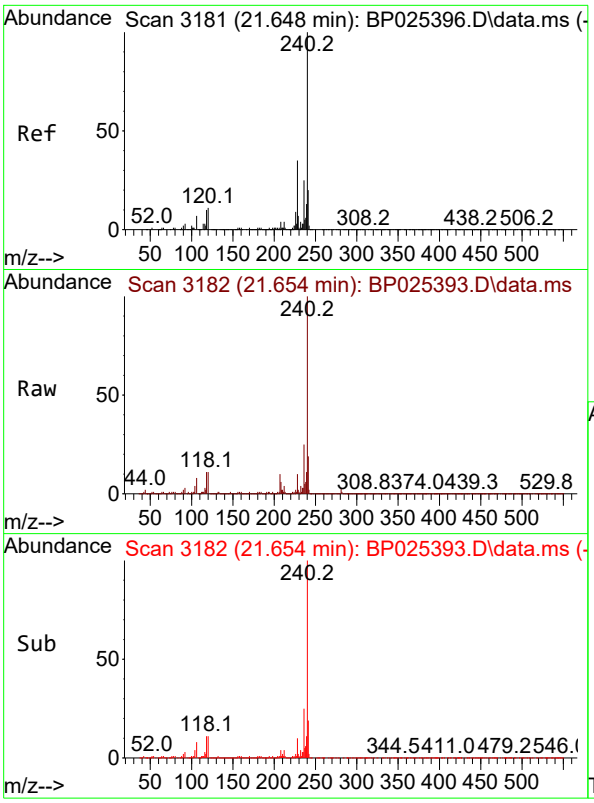


#75
Fluoranthene
Concen: 5.225 ng
RT: 19.336 min Scan# 2788
Delta R.T. 0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:202 Resp: 279497

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.1
203	17.3	0.0	37.3

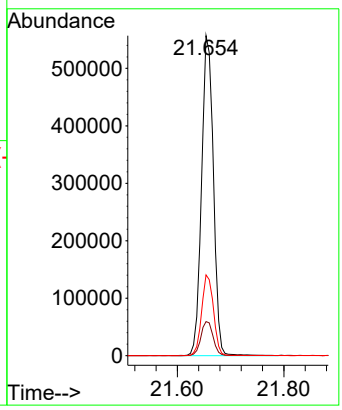




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:240 Resp: 85816

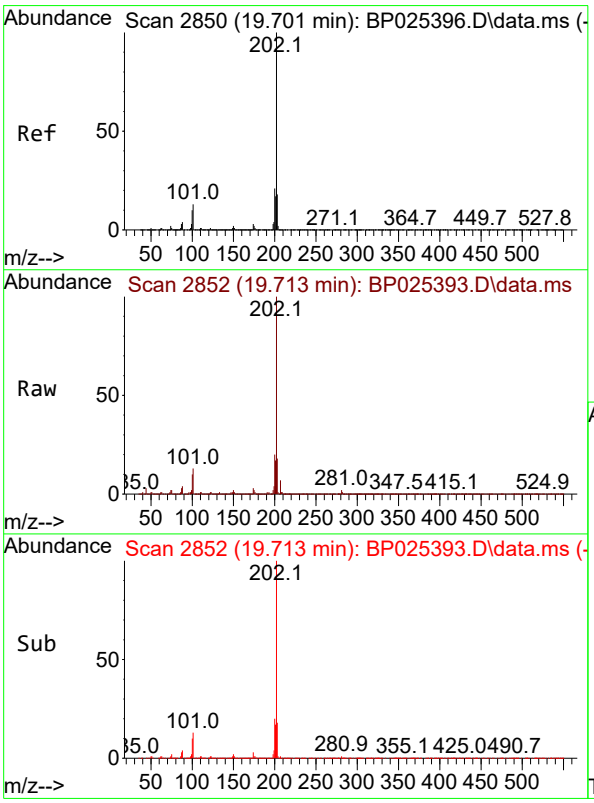
Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.9	13.3
236	25.2	19.8	29.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

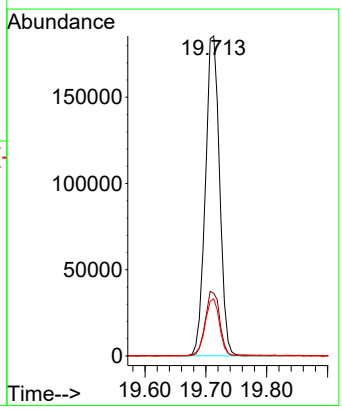
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

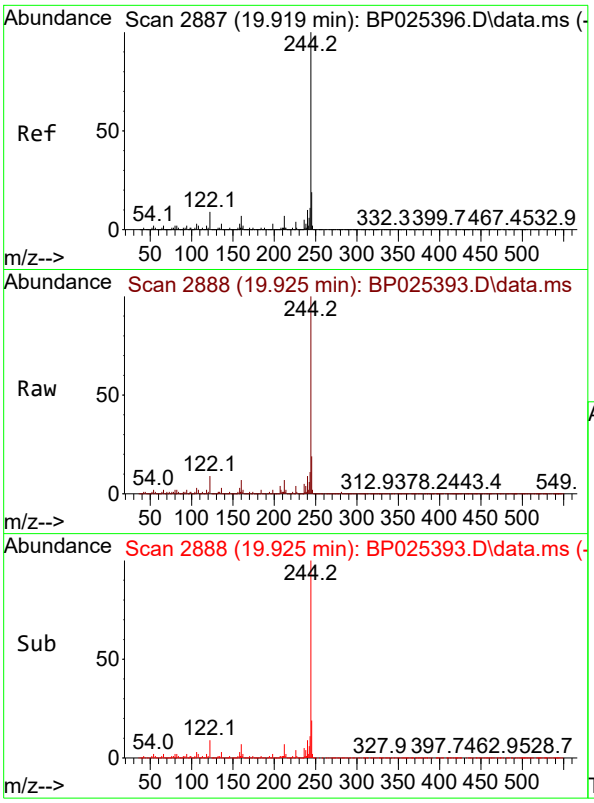


#78
Pyrene
Concen: 5.377 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:202 Resp: 299922

Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.9	25.3
203	17.8	14.2	21.2

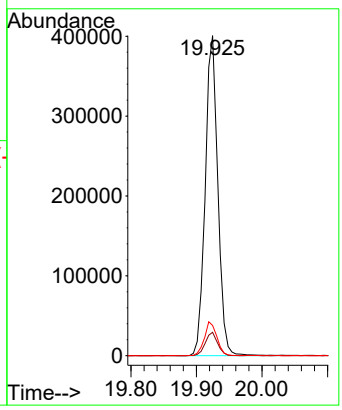




#79
Terphenyl-d14
Concen: 11.428 ng
RT: 19.925 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:244 Resp: 53604

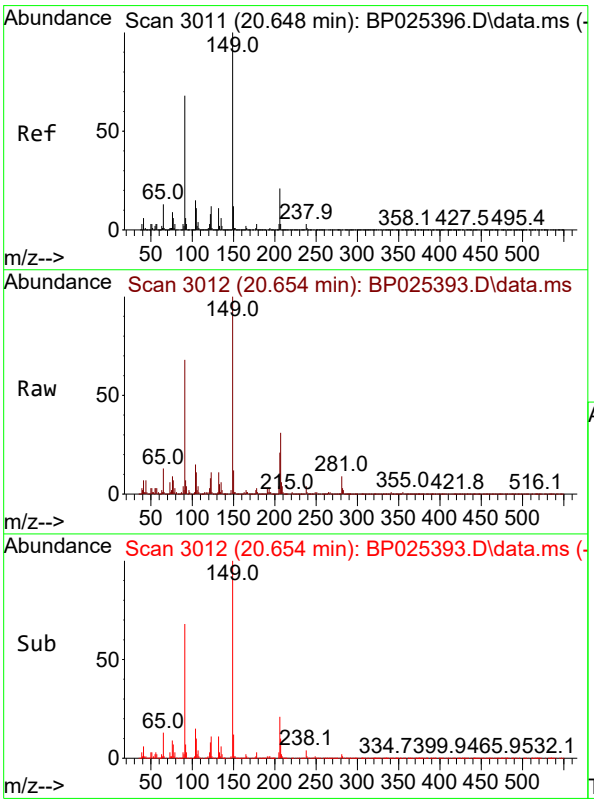
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	9.5	7.4	11.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

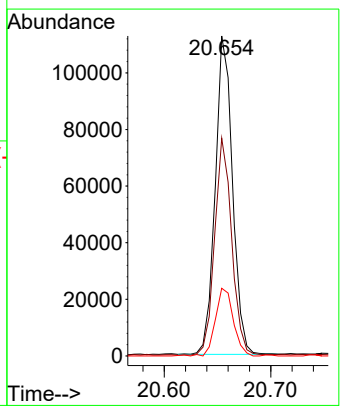
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

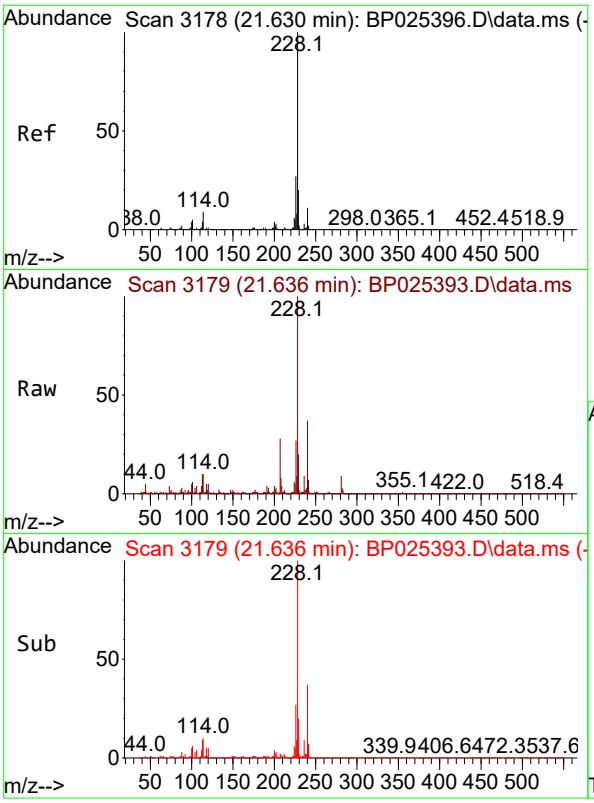


#80
Butylbenzylphthalate
Concen: 4.997 ng
RT: 20.654 min Scan# 3012
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:149 Resp: 126321

Ion	Ratio	Lower	Upper
149	100		
91	68.0	54.2	81.2
206	21.1	16.6	24.8

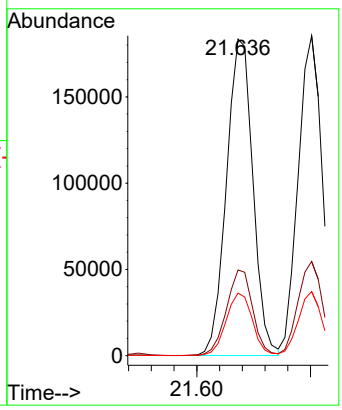




#81
Benzo(a)anthracene
Concen: 5.245 ng
RT: 21.636 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:228 Resp: 29684

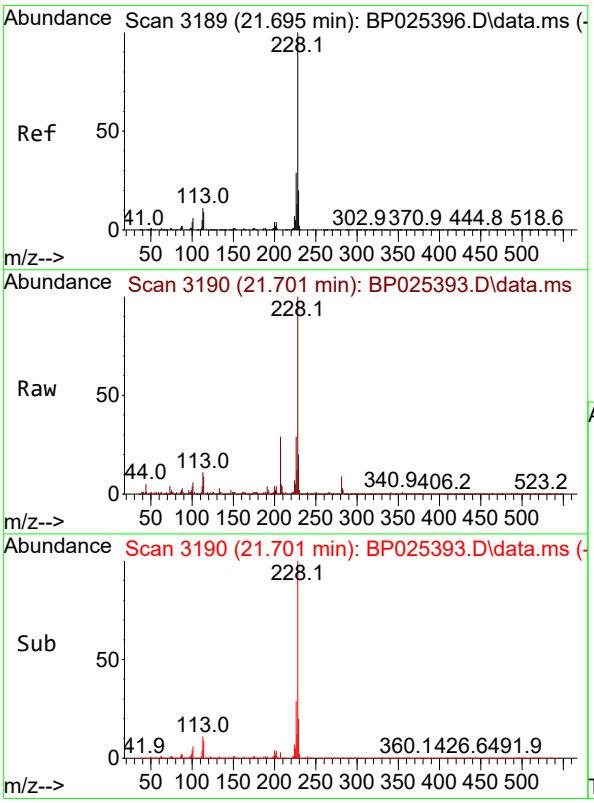
Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.8	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

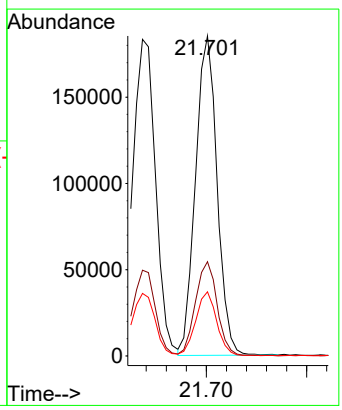
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

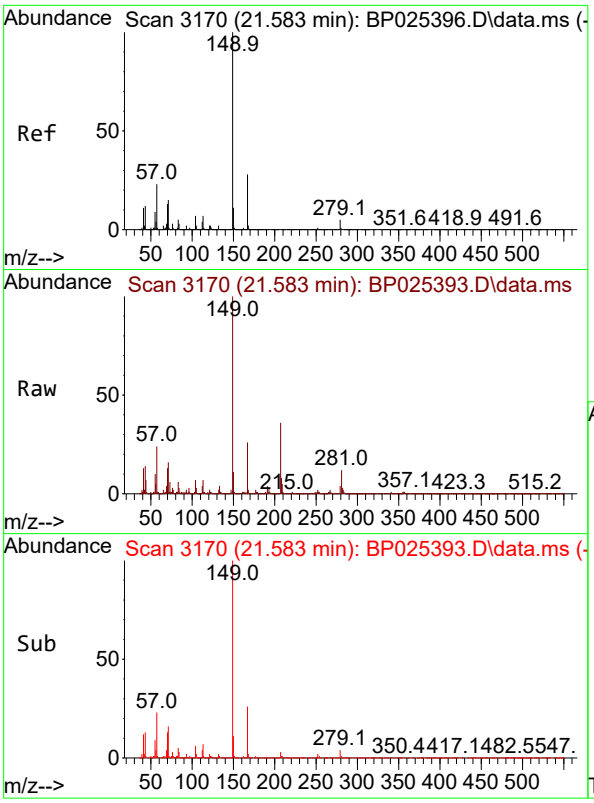


#83
Chrysene
Concen: 5.229 ng
RT: 21.701 min Scan# 3190
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:228 Resp: 277175

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.2	34.8
229	20.0	15.6	23.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 5.228 ng
RT: 21.583 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

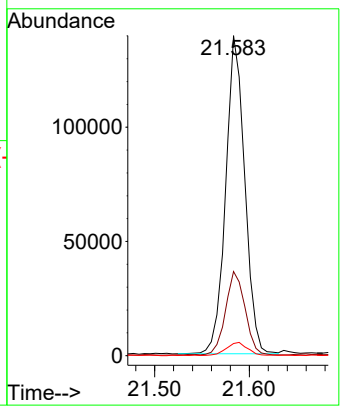
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

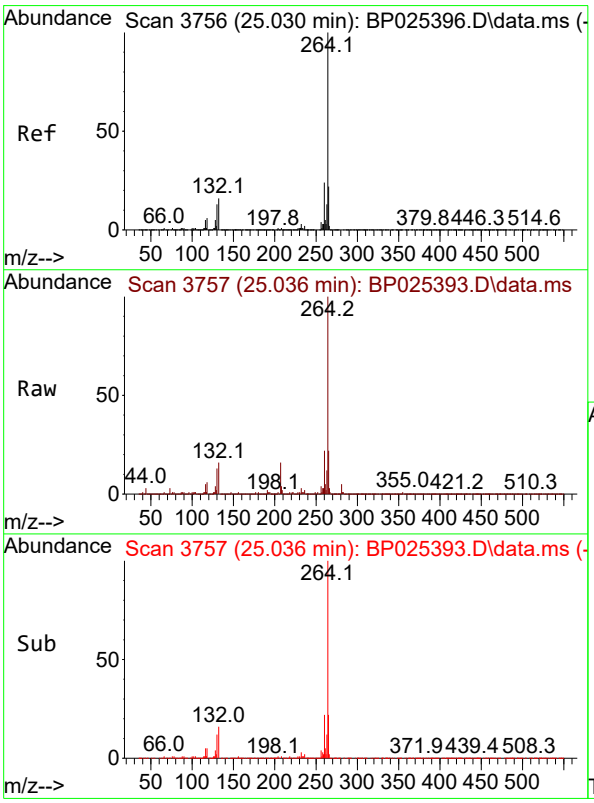
Tgt Ion:149 Resp: 19454

Ion	Ratio	Lower	Upper
149	100		
167	26.3	22.1	33.1
279	3.8	3.8	5.6

Manual Integrations
APPROVED

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

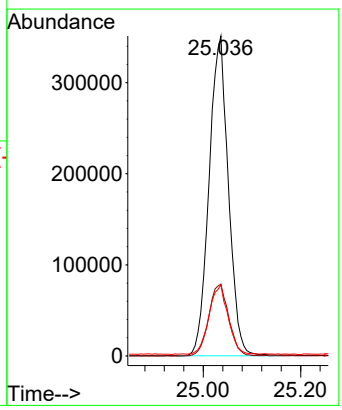


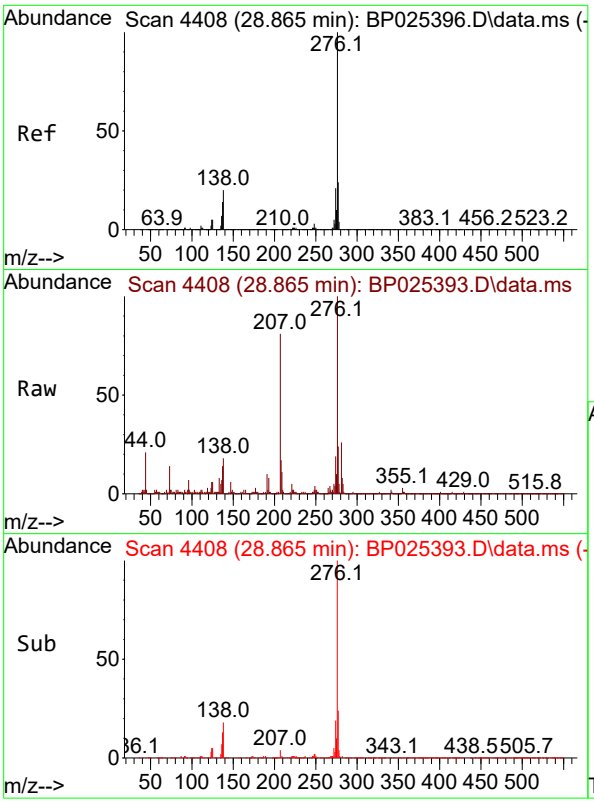


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:264 Resp: 963881

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.3	28.9
265	22.3	17.4	26.0

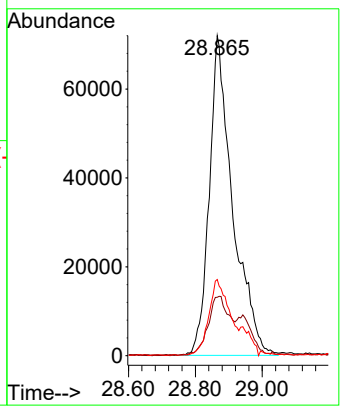




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.956 ng
RT: 28.865 min Scan# 44
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:276 Resp: 35041

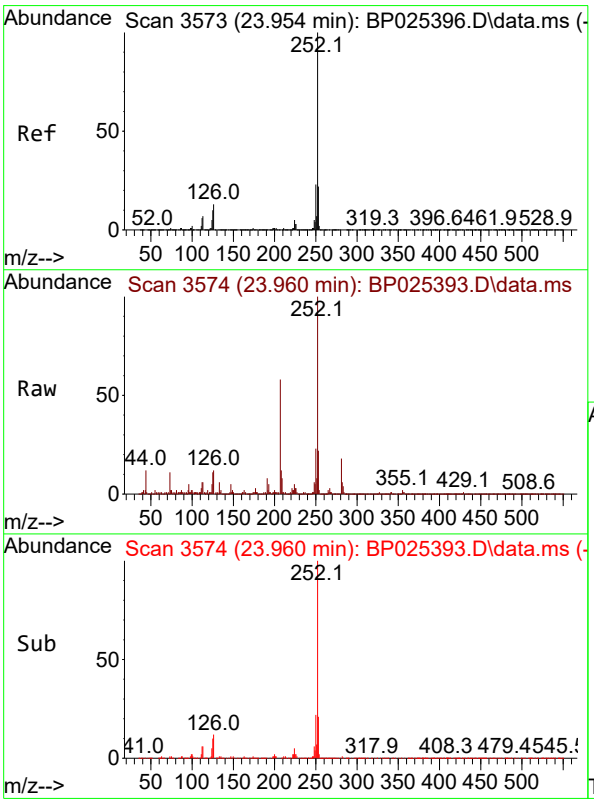
Ion	Ratio	Lower	Upper
276	100		
138	17.1	12.9	19.3
277	20.8	17.0	25.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

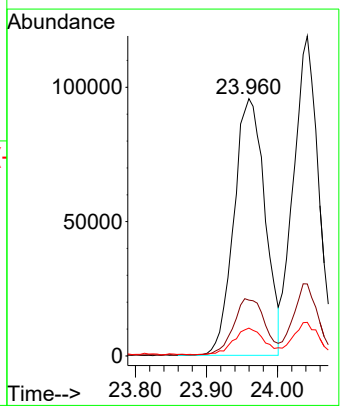
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

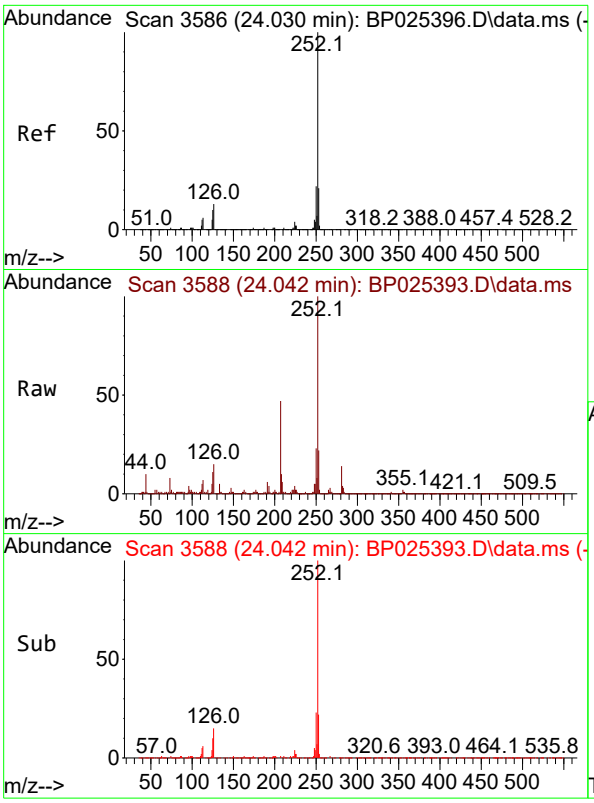


#88
Benzo(b)fluoranthene
Concen: 5.099 ng
RT: 23.960 min Scan# 3574
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:252 Resp: 289797

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	10.8	7.9	11.9

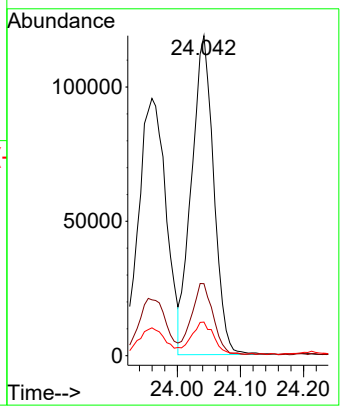




#89
Benzo(k)fluoranthene
Concen: 5.091 ng
RT: 24.042 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:252 Resp: 28955

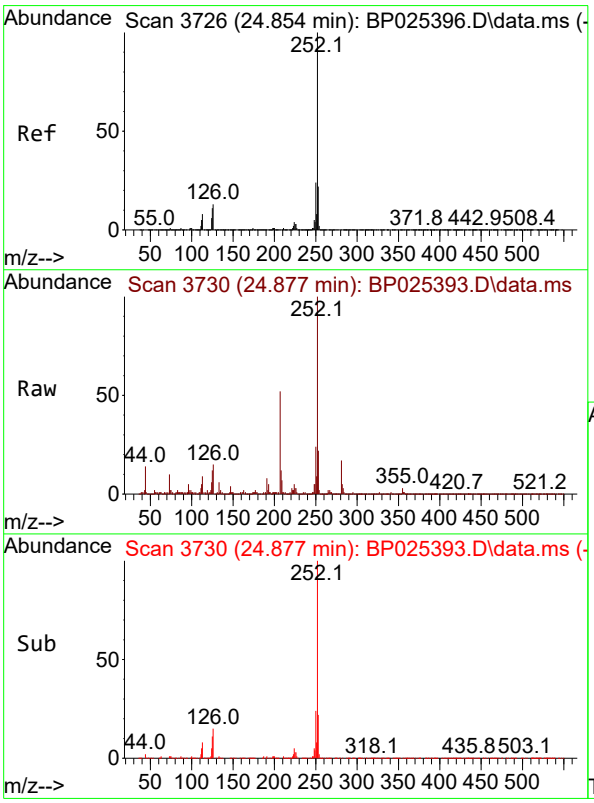
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	10.5	7.8	11.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

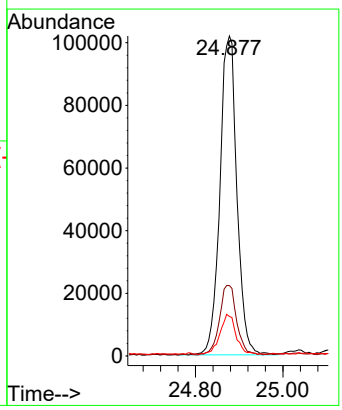
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

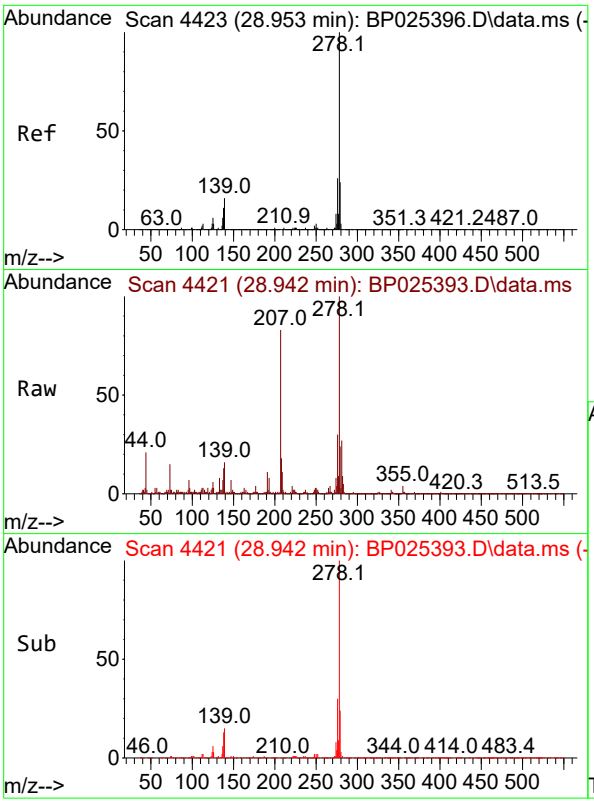


#90
Benzo(a)pyrene
Concen: 4.960 ng
RT: 24.877 min Scan# 3730
Delta R.T. 0.024 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:252 Resp: 274440

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	12.4	8.7	13.1

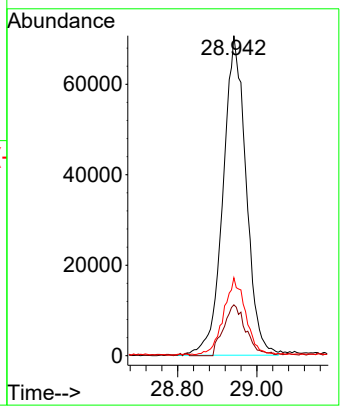




#91
Dibenzo(a,h)anthracene
Concen: 4.924 ng
RT: 28.942 min Scan# 44
Delta R.T. -0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:278 Resp: 28444

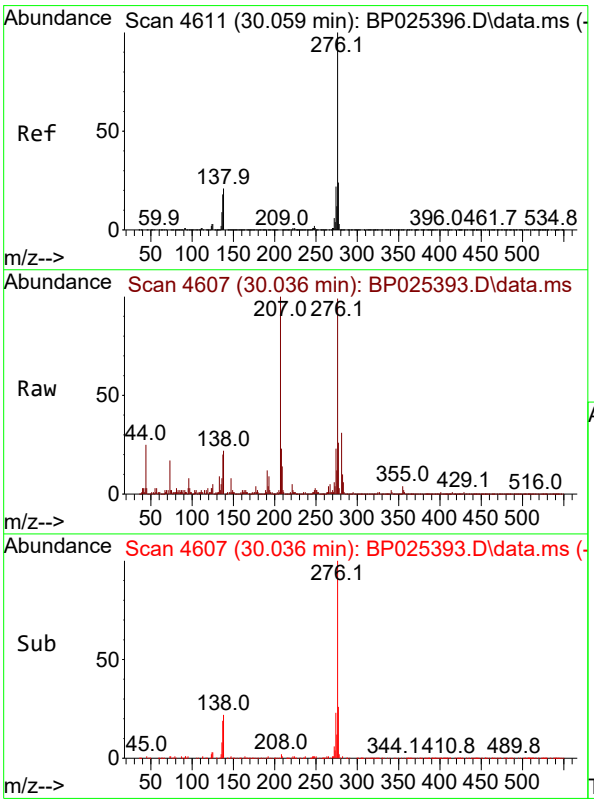
Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.0	19.4
279	24.3	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

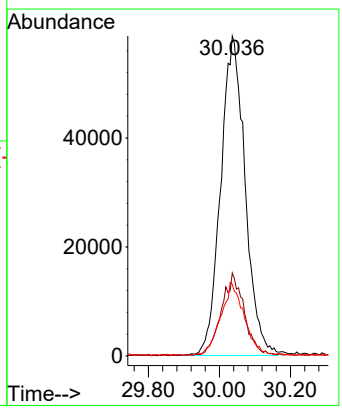
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 4.931 ng
RT: 30.036 min Scan# 4607
Delta R.T. -0.023 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:276 Resp: 279987

Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.4	29.0
138	22.4	16.7	25.1



Quantitation Report (QT Reviewed)

ICAL Form

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

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	137852	20.000	ng		0.00
21) Naphthalene-d8	10.566	136	563995	20.000	ng		0.00
39) Acenaphthene-d10	14.407	164	383199	20.000	ng		0.00
64) Phenanthrene-d10	17.207	188	780940	20.000	ng		0.00
76) Chrysene-d12	21.648	240	860386	20.000	ng		0.00
86) Perylene-d12	25.036	264	980670	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	162289	19.551	ng		0.00
7) Phenol-d6	6.966	99	202204	19.000	ng		0.00
23) Nitrobenzene-d5	8.931	82	212236	19.036	ng		0.00
42) 2,4,6-Tribromophenol	15.919	330	99083	19.210	ng		0.00
45) 2-Fluorobiphenyl	13.019	172	568359	20.271	ng		0.00
79) Terphenyl-d14	19.924	244	946422	20.125	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	31948	9.826	ng		98
3) Pyridine	3.731	79	86156	9.681	ng		100
4) n-Nitrosodimethylamine	3.637	42	35519	9.681	ng	#	99
6) Aniline	7.125	93	135217	9.430	ng		99
8) 2-Chlorophenol	7.366	128	88413	9.439	ng		98
9) Benzaldehyde	6.943	77	68064m	9.129	ng		
10) Phenol	6.996	94	105394	9.438	ng		99
11) bis(2-Chloroethyl)ether	7.219	93	81541	9.368	ng		98
12) 1,3-Dichlorobenzene	7.684	146	98782	9.564	ng		98
13) 1,4-Dichlorobenzene	7.825	146	102729	9.731	ng		98
14) 1,2-Dichlorobenzene	8.143	146	98589	9.647	ng		98
15) Benzyl Alcohol	8.025	79	78411	9.273	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.313	45	109744	9.412	ng		99
17) 2-Methylphenol	8.231	107	70991	9.153	ng		98
18) Hexachloroethane	8.866	117	37473	9.654	ng		98
19) n-Nitroso-di-n-propyla...	8.584	70	66105	9.366	ng		99
20) 3+4-Methylphenols	8.549	107	99382	9.244	ng		97
22) Acetophenone	8.602	105	137361	9.712	ng	#	98
24) Nitrobenzene	8.972	77	96502	9.685	ng		97
25) Isophorone	9.502	82	189510	9.604	ng		99
26) 2-Nitrophenol	9.678	139	45860	8.968	ng		96
27) 2,4-Dimethylphenol	9.737	122	85465	9.718	ng		98
28) bis(2-Chloroethoxy)met...	9.972	93	114635	9.611	ng		99
29) 2,4-Dichlorophenol	10.213	162	82676	9.464	ng		97
30) 1,2,4-Trichlorobenzene	10.431	180	92664	9.676	ng		94
31) Naphthalene	10.613	128	287754	9.816	ng		99
32) Benzoic acid	9.825	122	53034m	8.188	ng		
33) 4-Chloroaniline	10.713	127	122647	9.472	ng		98
34) Hexachlorobutadiene	10.901	225	57821	9.695	ng		97
35) Caprolactam	11.472	113	32038	10.001	ng		93
36) 4-Chloro-3-methylphenol	11.837	107	94538	9.431	ng		97
37) 2-Methylnaphthalene	12.219	142	184172	9.654	ng		100
38) 1-Methylnaphthalene	12.437	142	199160	9.817	ng		97
40) 1,2,4,5-Tetrachloroben...	12.590	216	107104	9.678	ng		99
41) Hexachlorocyclopentadiene	12.572	237	52588	7.867	ng		97
43) 2,4,6-Trichlorophenol	12.831	196	69780	9.339	ng		97

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

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

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	73744	9.006	ng	98
46) 1,1'-Biphenyl	13.237	154	271710	9.763	ng	98
47) 2-Chloronaphthalene	13.272	162	209419	9.666	ng	99
48) 2-Nitroaniline	13.466	65	58630	9.287	ng	97
49) Acenaphthylene	14.119	152	346021	9.652	ng	99
50) Dimethylphthalate	13.860	163	277701	9.896	ng	99
51) 2,6-Dinitrotoluene	13.972	165	54957	9.292	ng	96
52) Acenaphthene	14.472	154	207239m	9.848	ng	
53) 3-Nitroaniline	14.301	138	62991	9.466	ng	93
54) 2,4-Dinitrophenol	14.513	184	21748	6.886	ng	99
55) Dibenzofuran	14.807	168	327734	9.851	ng	100
56) 4-Nitrophenol	14.625	139	48103	8.797	ng	97
57) 2,4-Dinitrotoluene	14.766	165	77950	9.237	ng	100
58) Fluorene	15.472	166	266610	10.156	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.042	232	68931	9.533	ng	99
60) Diethylphthalate	15.242	149	282526	9.909	ng	98
61) 4-Chlorophenyl-phenyle...	15.466	204	131137	10.044	ng	99
62) 4-Nitroaniline	15.478	138	64375	9.437	ng	99
63) Azobenzene	15.766	77	234879	9.620	ng	98
65) 4,6-Dinitro-2-methylph...	15.542	198	37380	7.679	ng	97
66) n-Nitrosodiphenylamine	15.684	169	235344	9.883	ng	100
67) 4-Bromophenyl-phenylether	16.384	248	80373	9.358	ng	98
68) Hexachlorobenzene	16.501	284	98614	9.905	ng	96
69) Atrazine	16.660	200	88240	9.894	ng	98
70) Pentachlorophenol	16.854	266	52539	8.360	ng	97
71) Phenanthrene	17.248	178	429752	10.018	ng	99
72) Anthracene	17.348	178	438953	10.020	ng	100
73) Carbazole	17.619	167	410726	9.954	ng	99
74) Di-n-butylphthalate	18.219	149	490232	9.656	ng	99
75) Fluoranthene	19.330	202	516523	10.094	ng	99
77) Benzidine	19.525	184	276193	9.406	ng	99
78) Pyrene	19.707	202	542670	9.704	ng	100
80) Butylbenzylphthalate	20.660	149	239416	9.446	ng	98
81) Benzo(a)anthracene	21.624	228	560279	9.874	ng	99
82) 3,3'-Dichlorobenzidine	21.554	252	207153	9.686	ng	99
83) Chrysene	21.701	228	522411	9.831	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	355530	9.529	ng	99
85) Di-n-octyl phthalate	22.877	149	594195	9.259	ng	99
87) Indeno(1,2,3-cd)pyrene	28.853	276	678980m	9.438	ng	
88) Benzo(b)fluoranthene	23.954	252	552191	9.549	ng	99
89) Benzo(k)fluoranthene	24.018	252	567080	9.800	ng	98
90) Benzo(a)pyrene	24.854	252	535820	9.519	ng	99
91) Dibenzo(a,h)anthracene	28.959	278	551694	9.387	ng	99
92) Benzo(g,h,i)perylene	30.047	276	548117	9.489	ng	99

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

ICAL Form

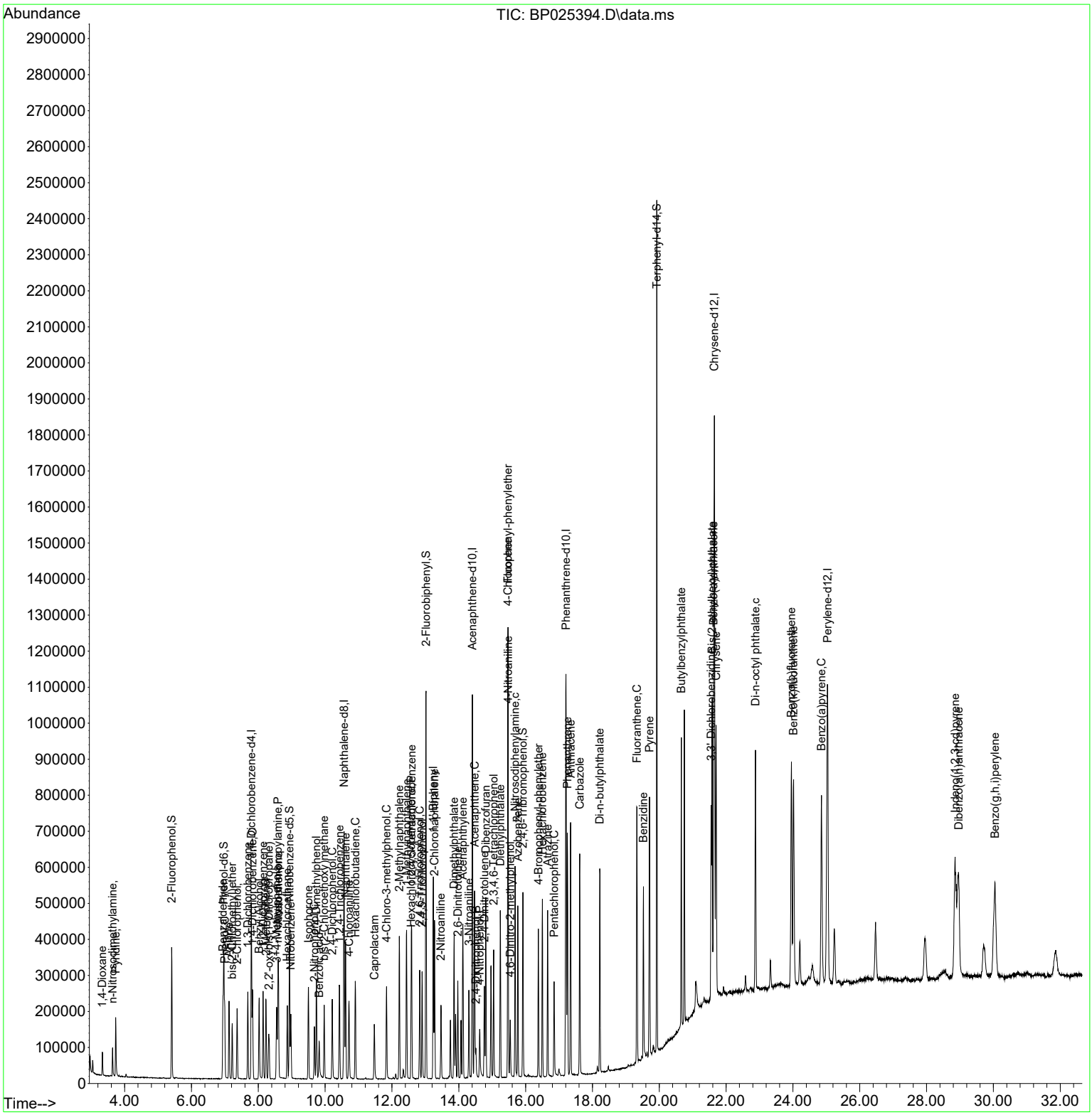
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Data File : BP025394.D
Acq On : 14 Aug 2025 13:56
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

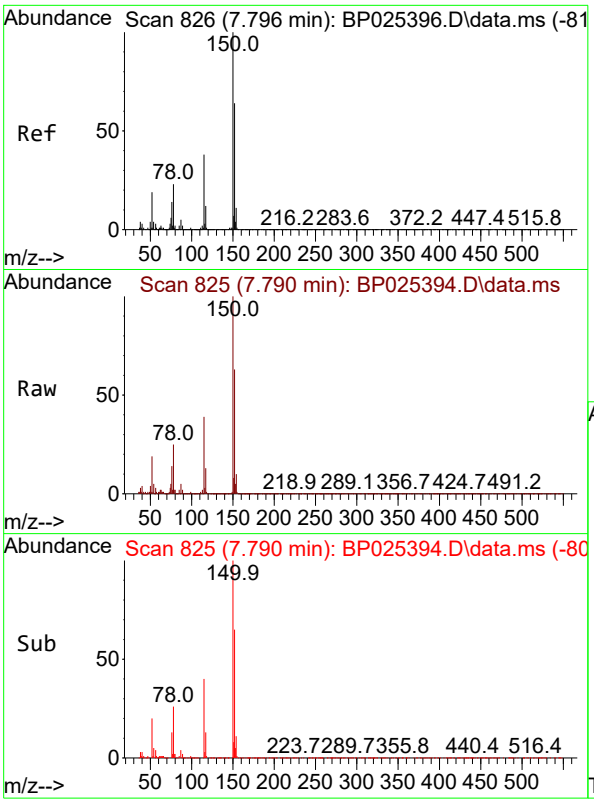
Quant Time: Aug 14 17:53:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

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

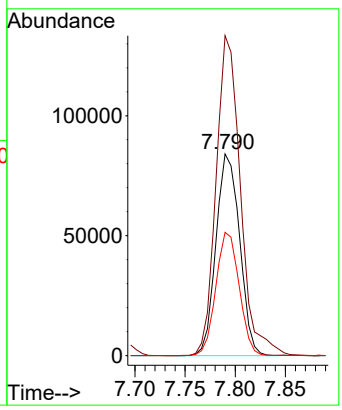




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:152 Resp: 13785

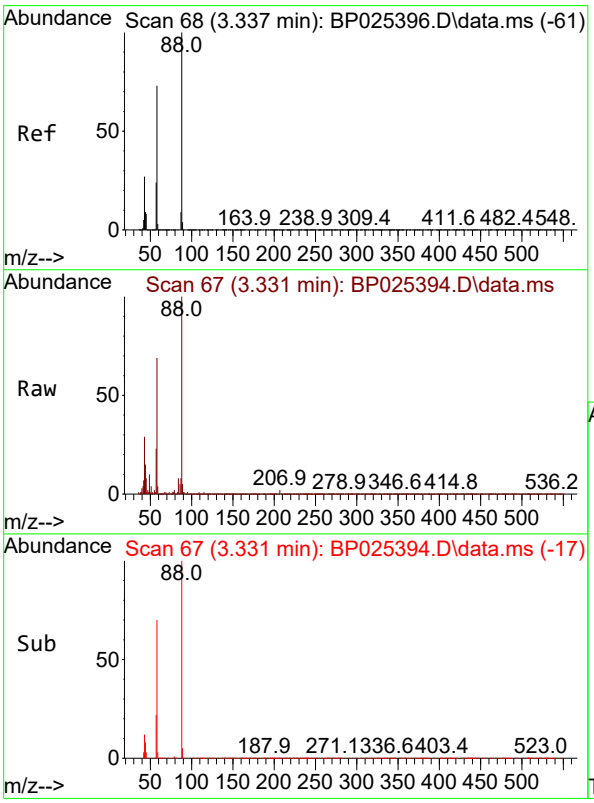
Ion	Ratio	Lower	Upper
152	100		
150	158.6	125.9	188.9
115	61.1	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

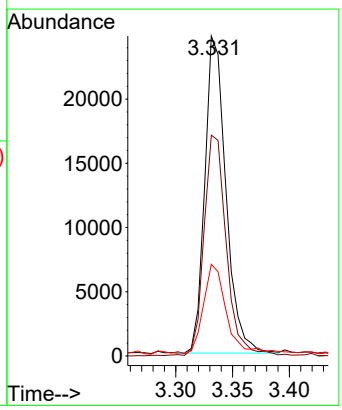
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

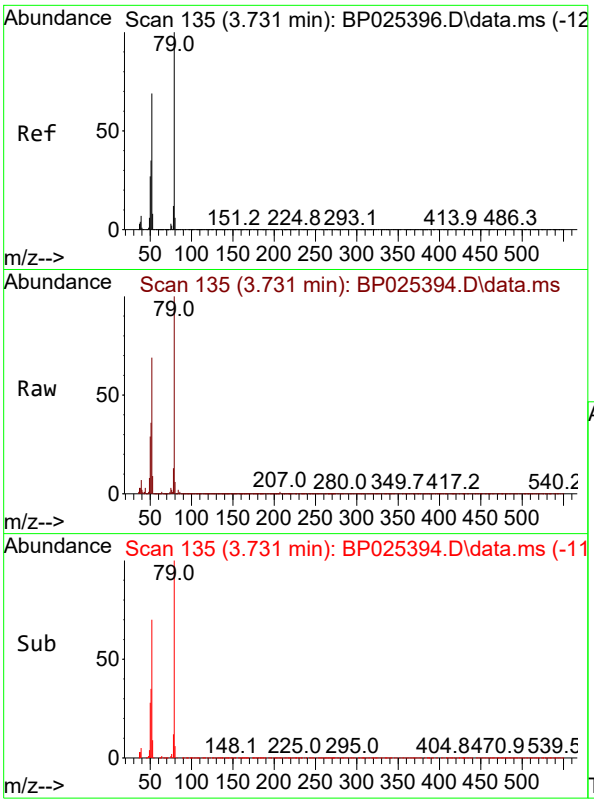


#2
1,4-Dioxane
Concen: 9.826 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 88 Resp: 31948

Ion	Ratio	Lower	Upper
88	100		
58	74.0	59.2	88.8
43	30.8	21.7	32.5

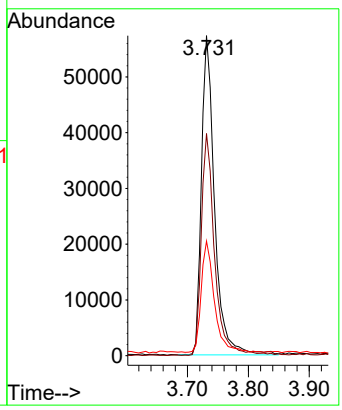




#3
Pyridine
Concen: 9.681 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 79 Resp: 8615

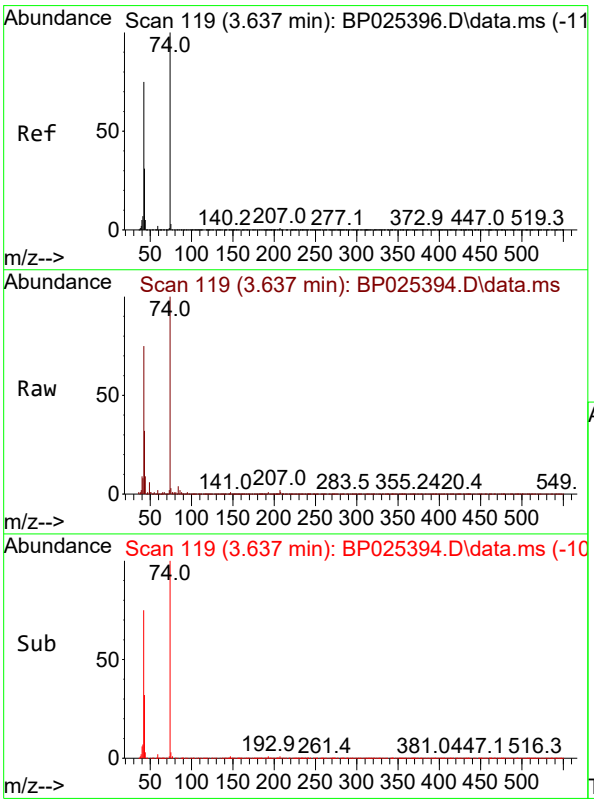
Ion	Ratio	Lower	Upper
79	100		
52	69.4	55.5	83.3
51	35.8	28.3	42.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

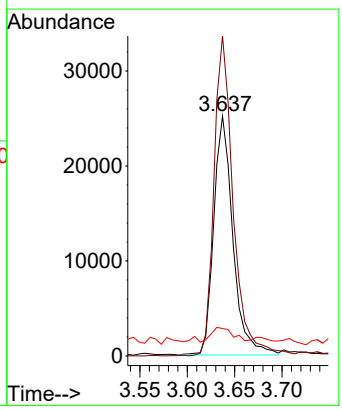
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

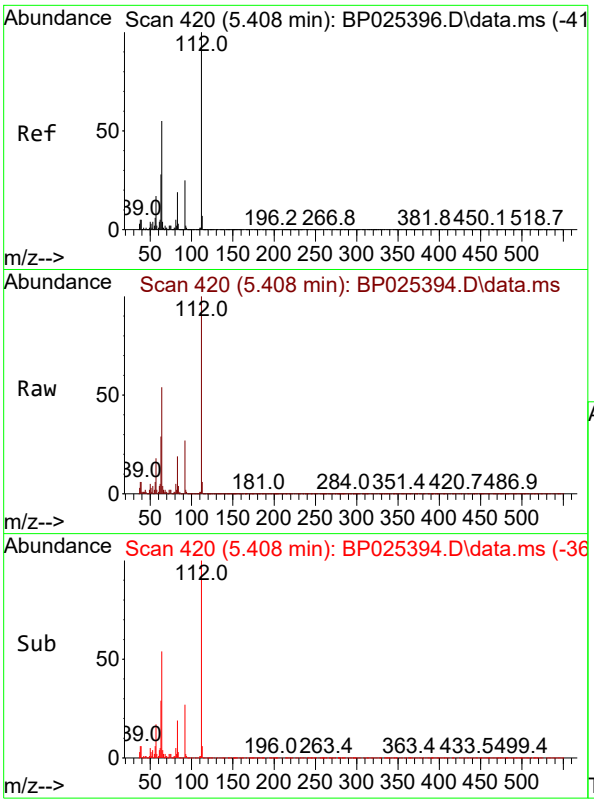


#4
n-Nitrosodimethylamine
Concen: 9.681 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 42 Resp: 35519

Ion	Ratio	Lower	Upper
42	100		
74	133.3	107.0	160.4
44	11.4	6.2	9.4#

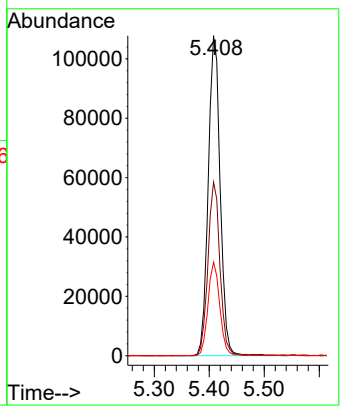




#5
2-Fluorophenol
Concen: 19.551 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:112 Resp: 16228

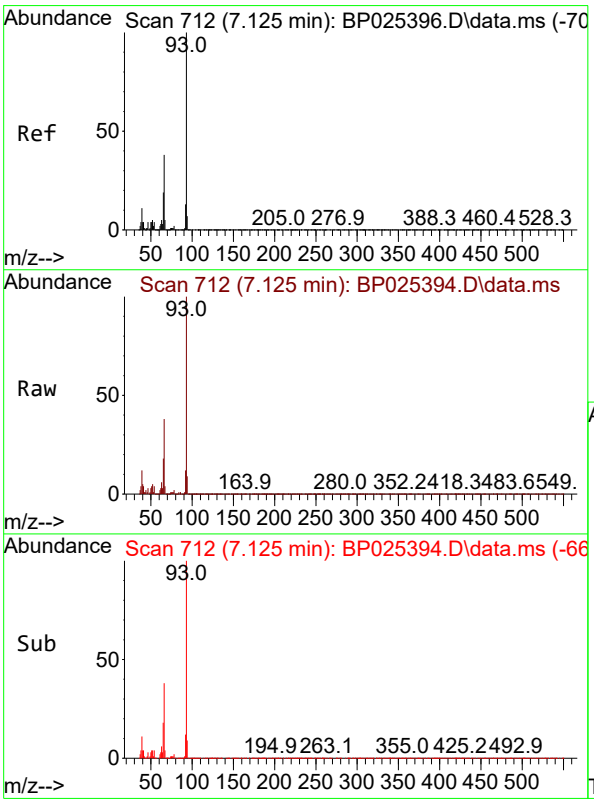
Ion	Ratio	Lower	Upper
112	100		
64	54.3	43.8	65.8
63	29.3	22.7	34.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

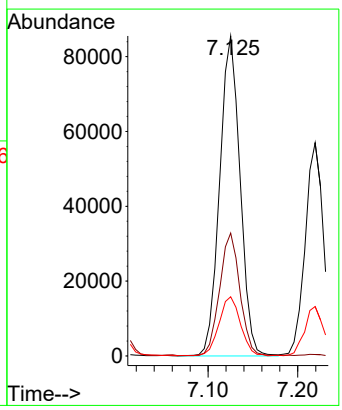
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

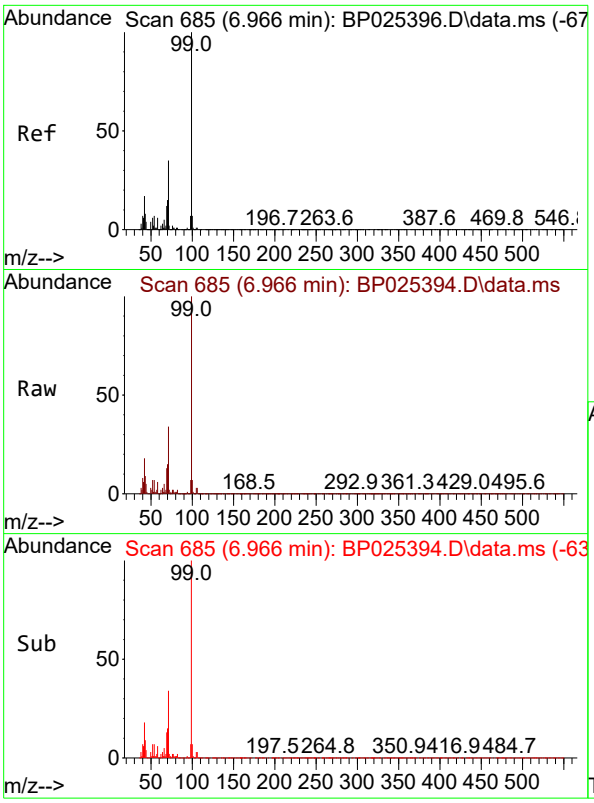


#6
Aniline
Concen: 9.430 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 93 Resp: 135217

Ion	Ratio	Lower	Upper
93	100		
66	38.4	30.4	45.6
65	18.5	15.3	22.9

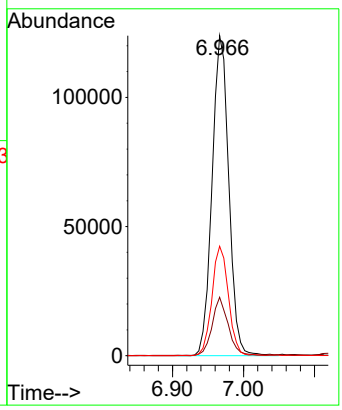




#7
Phenol-d6
Concen: 19.000 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 99 Resp: 20220

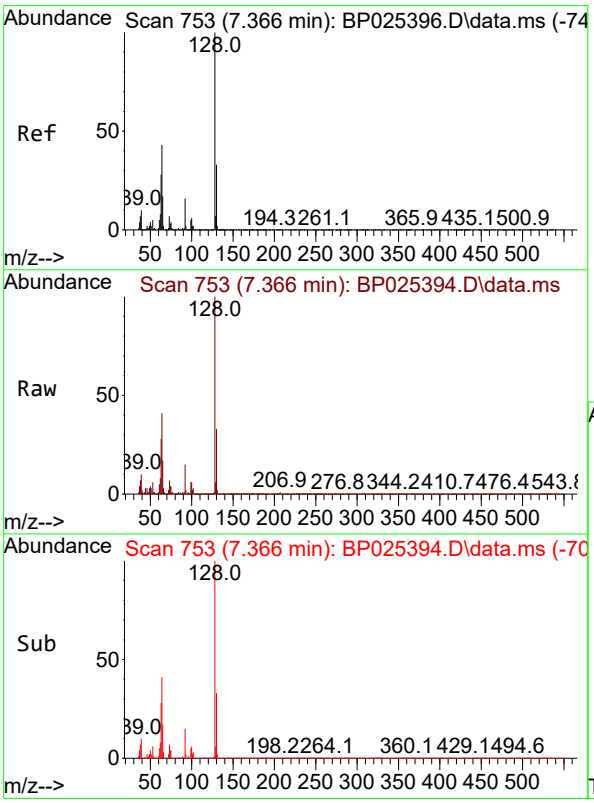
Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.7	20.5
71	34.2	28.2	42.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

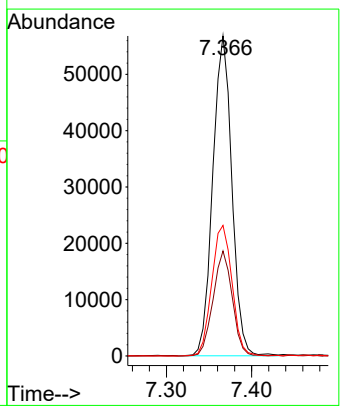
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

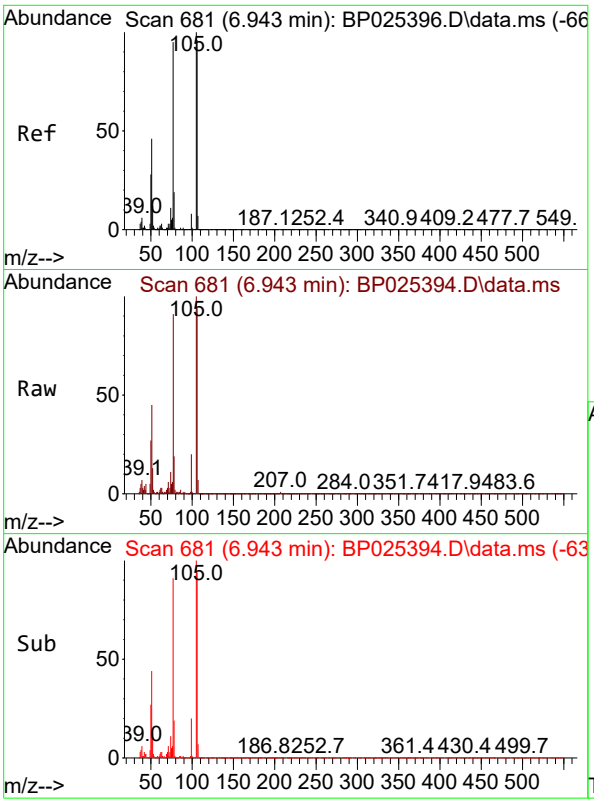


#8
2-Chlorophenol
Concen: 9.439 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:128 Resp: 88413

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.6	52.6
64	40.8	23.4	63.4

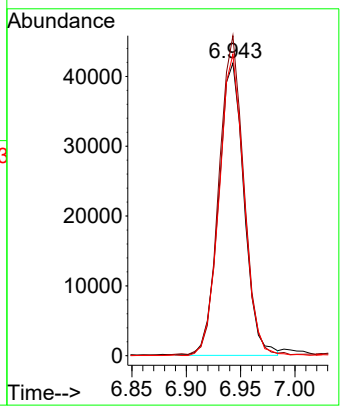




#9
Benzaldehyde
Concen: 9.129 ng m
RT: 6.943 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 77 Resp: 6806

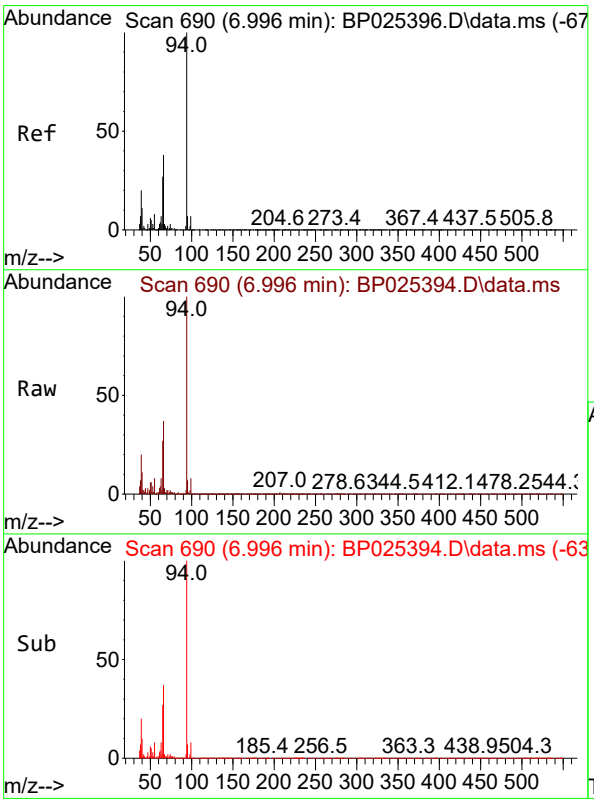
Ion	Ratio	Lower	Upper
77	100		
105	109.4	84.8	124.8
106	103.0	80.5	120.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

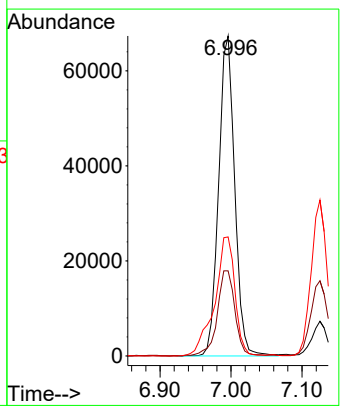
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

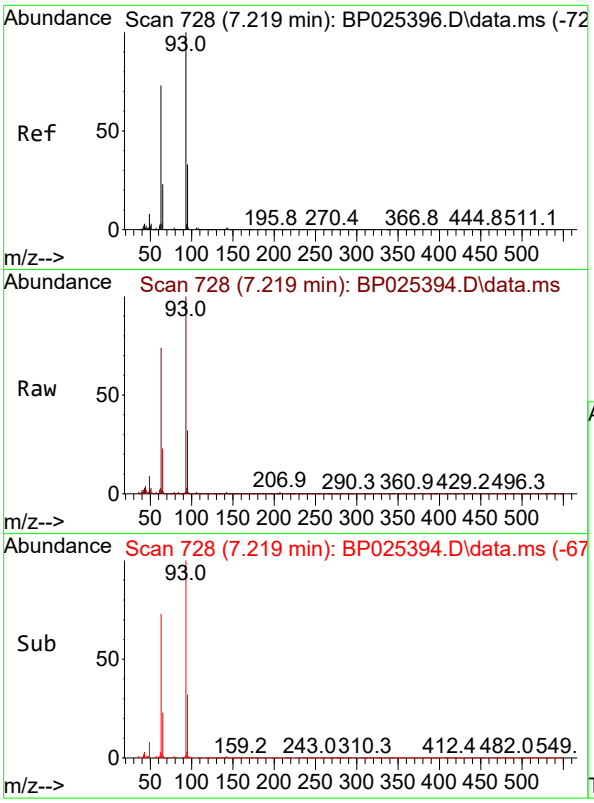


#10
Phenol
Concen: 9.438 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 94 Resp: 105394

Ion	Ratio	Lower	Upper
94	100		
65	26.6	6.8	46.8
66	37.2	18.2	58.2

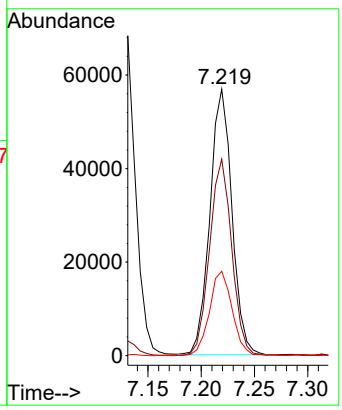




#11
bis(2-Chloroethyl)ether
Concen: 9.368 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 93 Resp: 8154

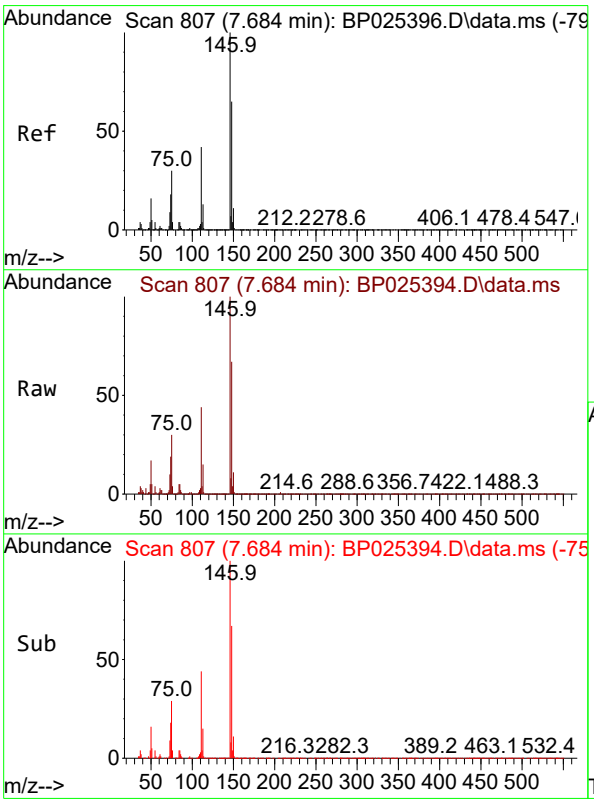
Ion	Ratio	Lower	Upper
93	100		
63	73.7	52.6	92.6
95	31.7	12.7	52.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

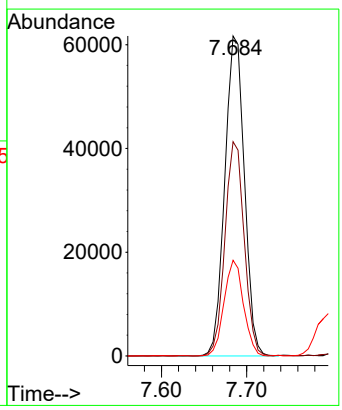
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

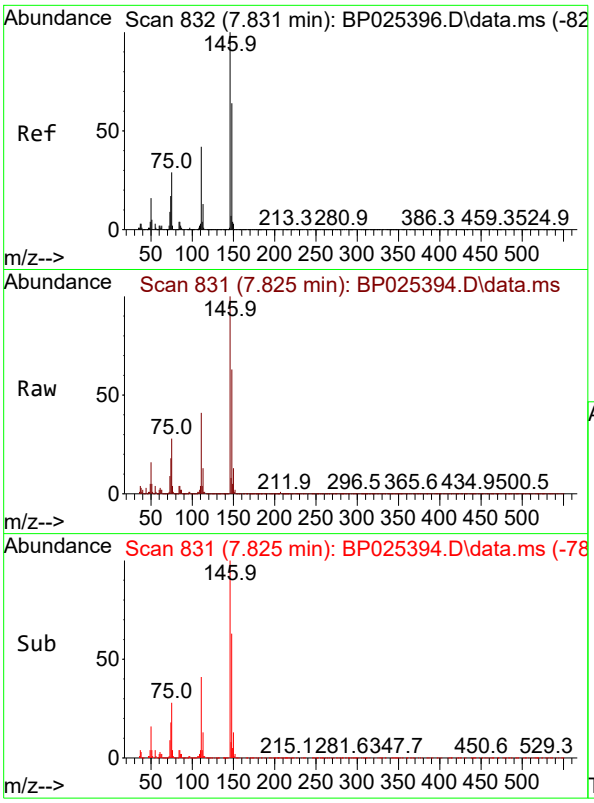


#12
1,3-Dichlorobenzene
Concen: 9.564 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:146 Resp: 98782

Ion	Ratio	Lower	Upper
146	100		
148	67.0	51.9	77.9
75	29.9	23.7	35.5

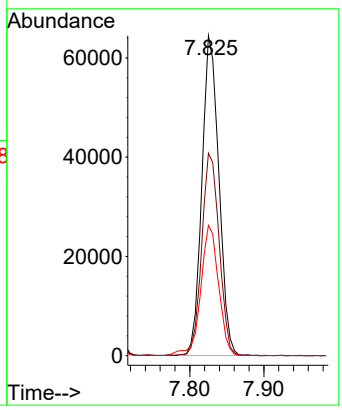




#13
1,4-Dichlorobenzene
Concen: 9.731 ng
RT: 7.825 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:146 Resp: 10272

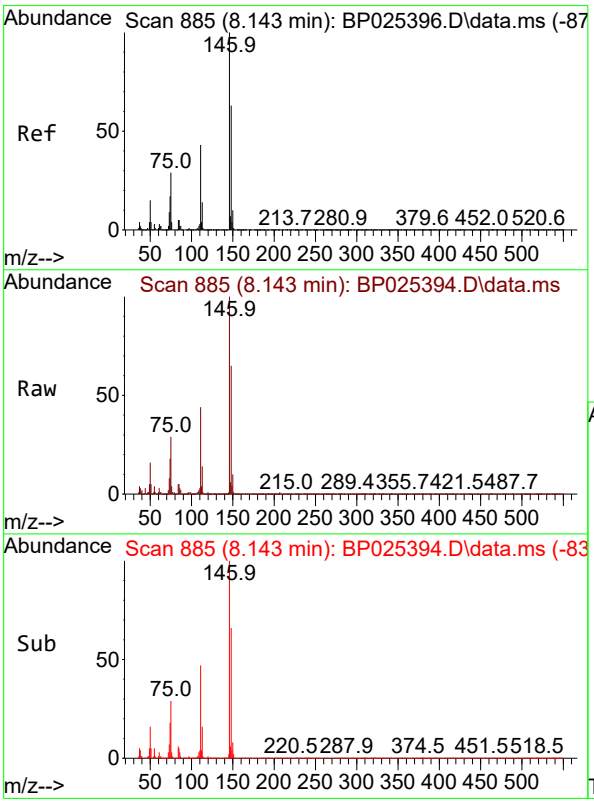
Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.6	77.4
111	40.8	33.4	50.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

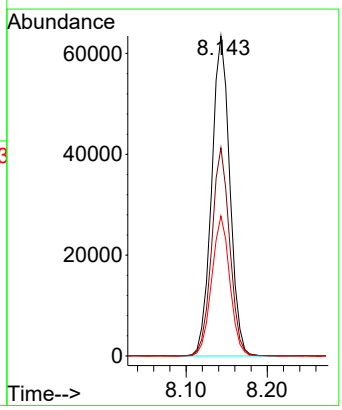
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

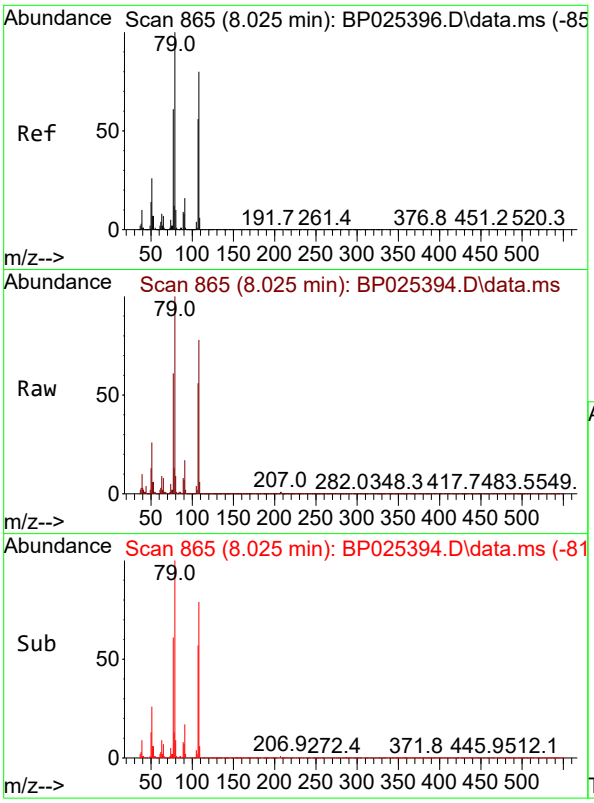


#14
1,2-Dichlorobenzene
Concen: 9.647 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:146 Resp: 98589

Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.4	75.6
111	43.7	34.5	51.7

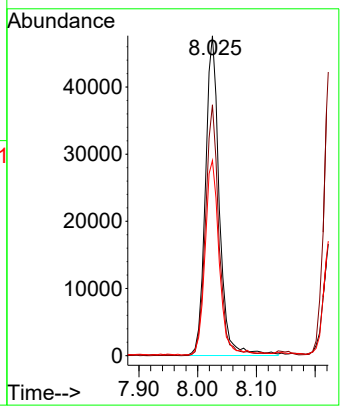




#15
Benzyl Alcohol
Concen: 9.273 ng
RT: 8.025 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 79 Resp: 7841

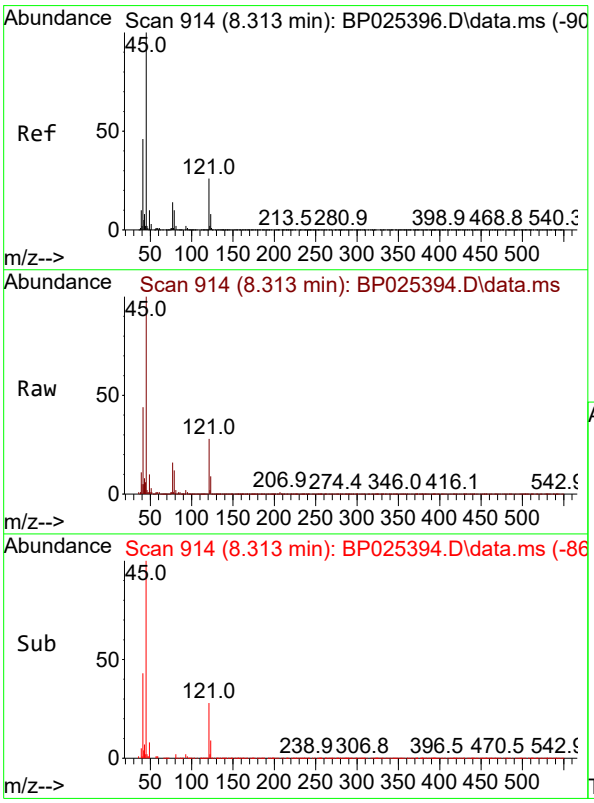
Ion	Ratio	Lower	Upper
79	100		
108	78.4	63.8	95.6
77	61.0	49.0	73.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

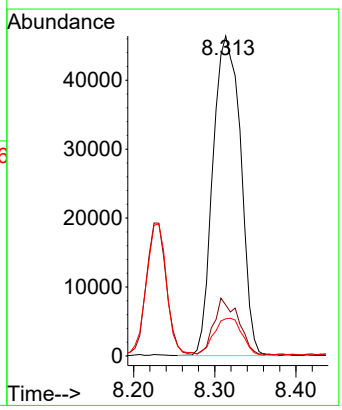
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

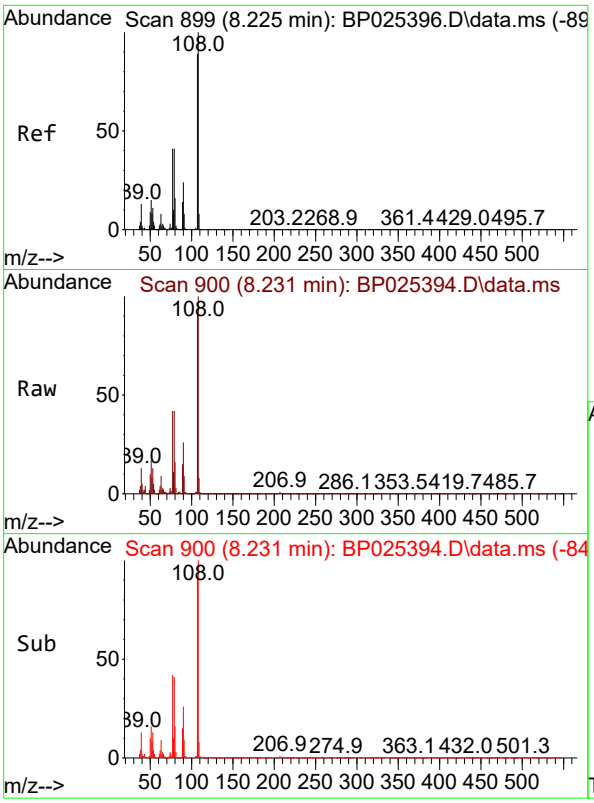


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.412 ng
RT: 8.313 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

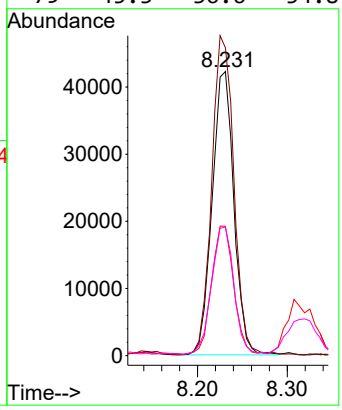




#17
2-Methylphenol
Concen: 9.153 ng
RT: 8.231 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:107 Resp: 7099

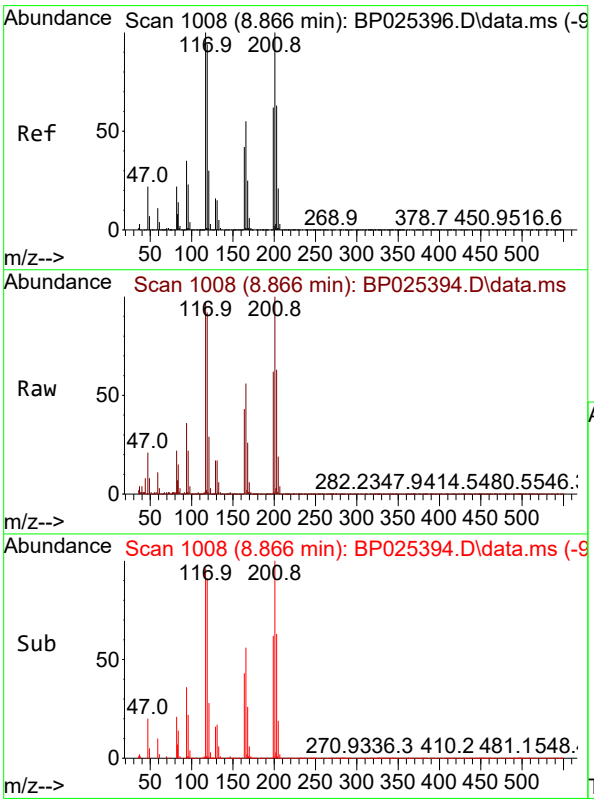
Ion	Ratio	Lower	Upper
107	100		
108	108.4	89.4	134.0
77	45.5	36.3	54.5
79	45.3	36.6	54.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

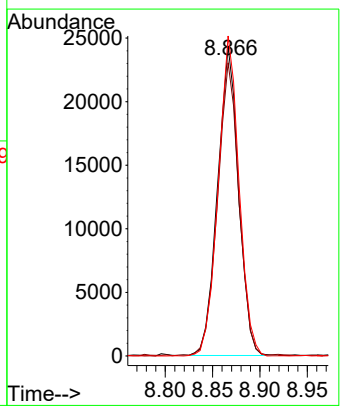
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

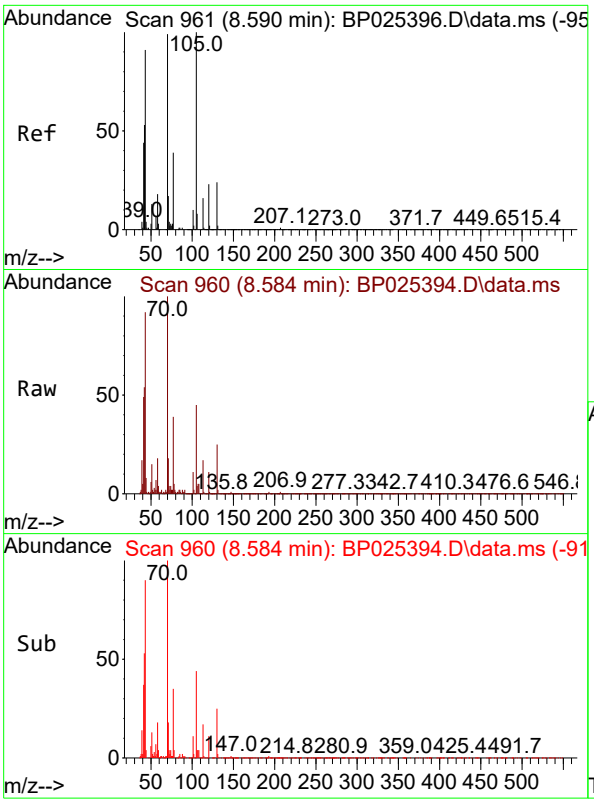


#18
Hexachloroethane
Concen: 9.654 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

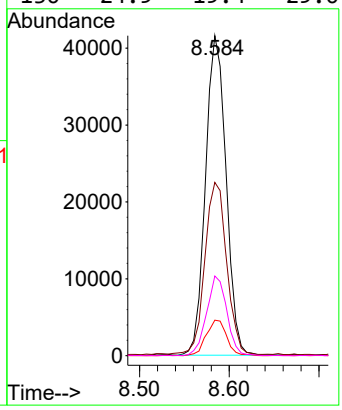




#19
n-Nitroso-di-n-propylamine
Concen: 9.366 ng
RT: 8.584 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 70 Resp: 6610

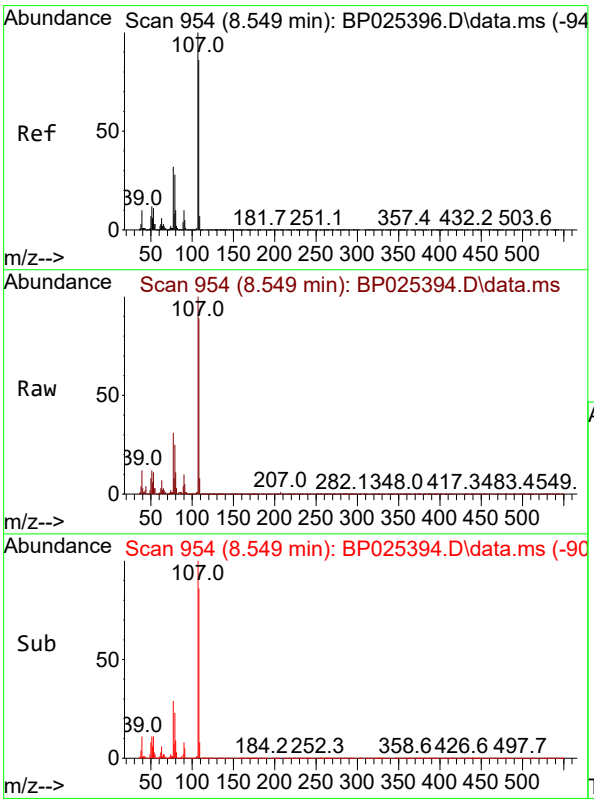
Ion	Ratio	Lower	Upper
70	100		
42	54.2	43.8	65.6
101	11.1	8.5	12.7
130	24.9	19.4	29.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

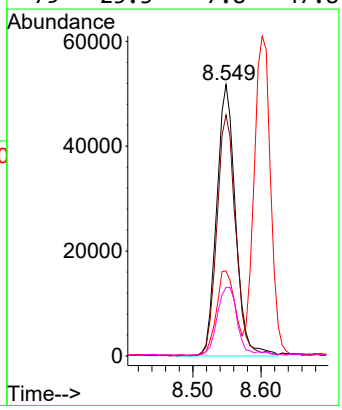
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

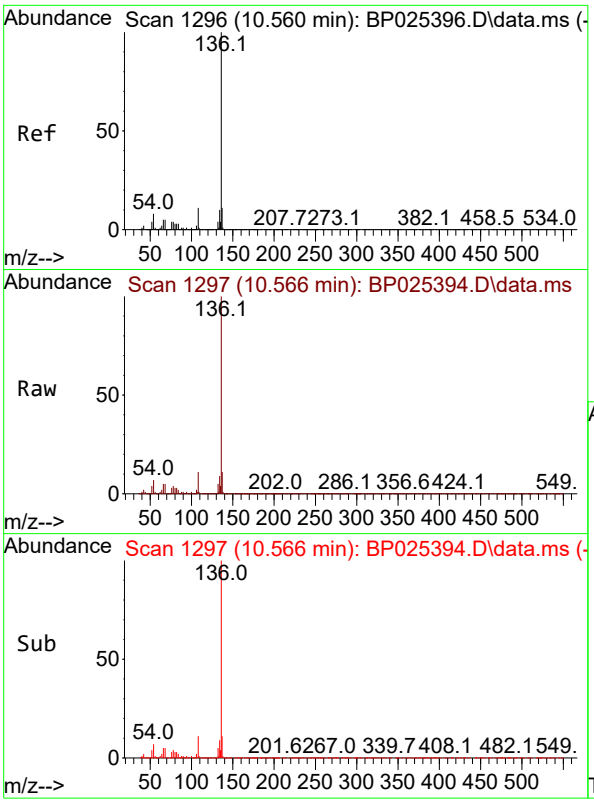


#20
3+4-Methylphenols
Concen: 9.244 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:107 Resp: 99382

Ion	Ratio	Lower	Upper
107	100		
108	88.8	66.3	106.3
77	31.3	12.3	52.3
79	25.3	7.8	47.8

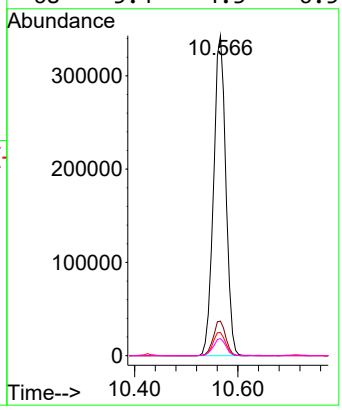




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:136 Resp: 56399

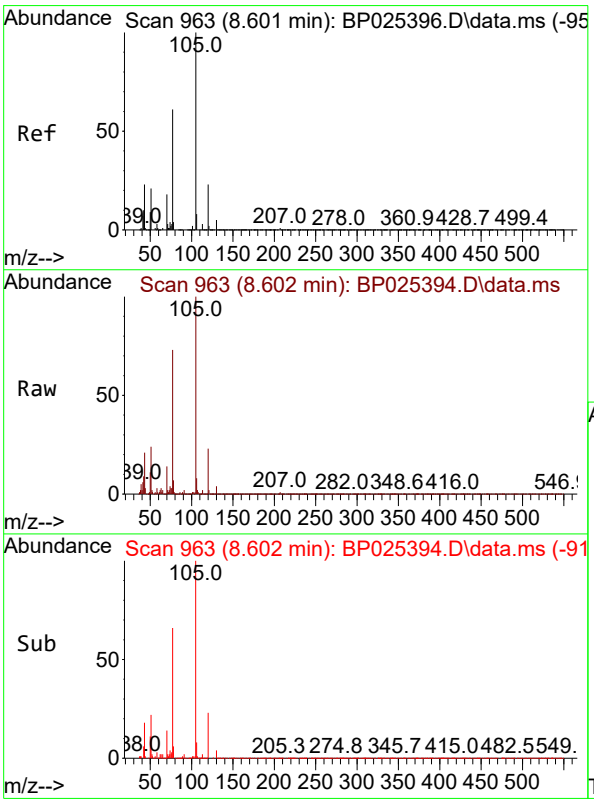
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.3	6.0	9.0
68	5.4	4.3	6.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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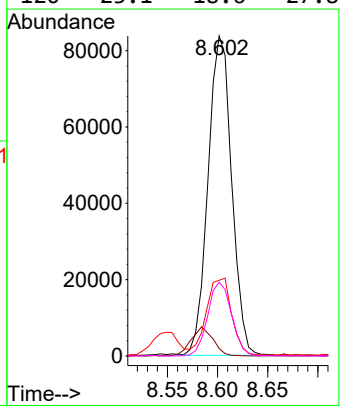
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

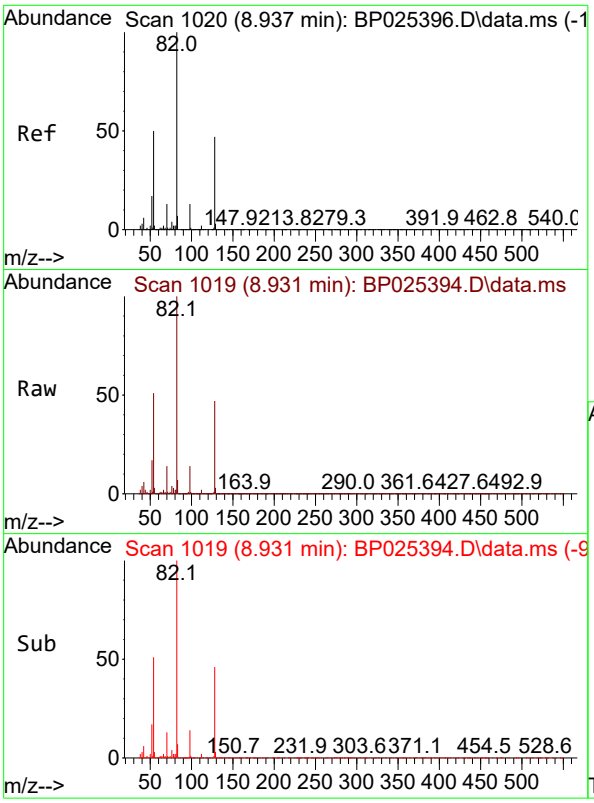


#22
Acetophenone
Concen: 9.712 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:105 Resp: 137361

Ion	Ratio	Lower	Upper
105	100		
71	2.3	2.6	4.0#
51	23.7	20.6	30.8
120	23.1	18.6	27.8

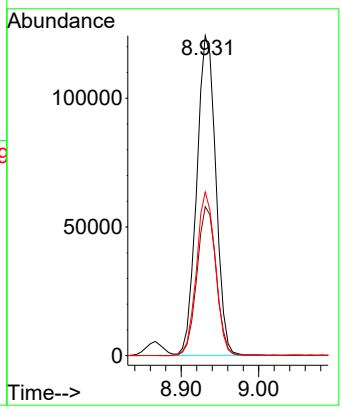




#23
Nitrobenzene-d5
Concen: 19.036 ng
RT: 8.931 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 82 Resp: 21223

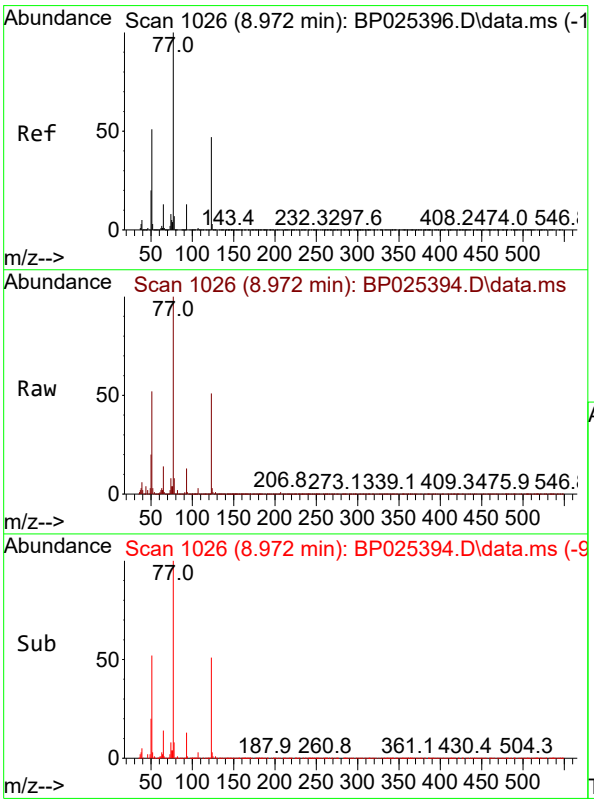
Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.7	56.5
54	51.2	39.8	59.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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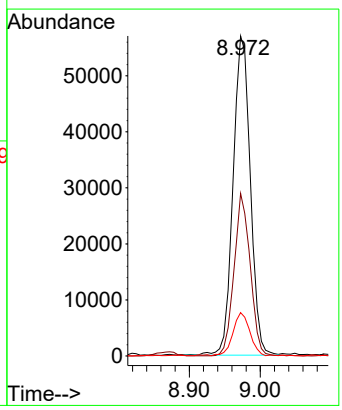
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

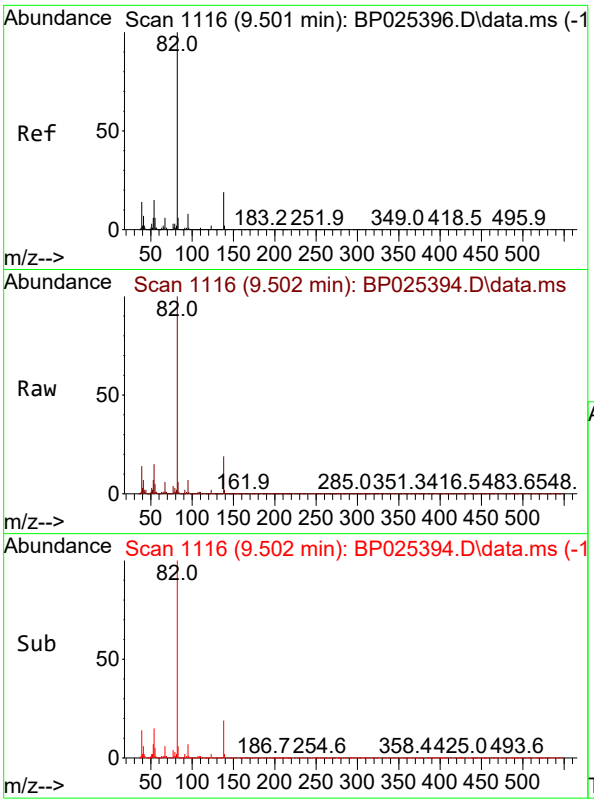


#24
Nitrobenzene
Concen: 9.685 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

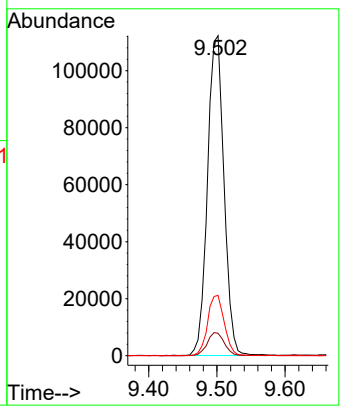




#25
Isophorone
Concen: 9.604 ng
RT: 9.502 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 82 Resp: 18951

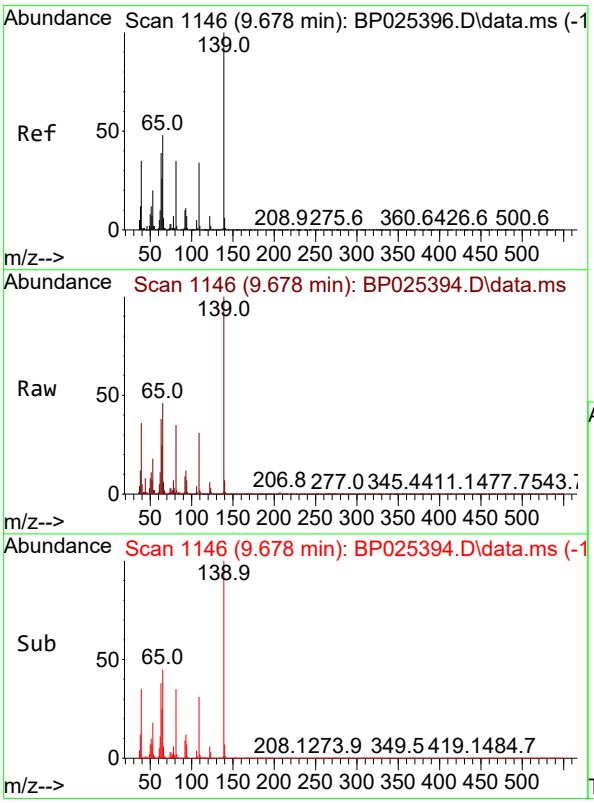
Ion	Ratio	Lower	Upper
82	100		
95	7.0	6.4	9.6
138	18.8	15.4	23.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

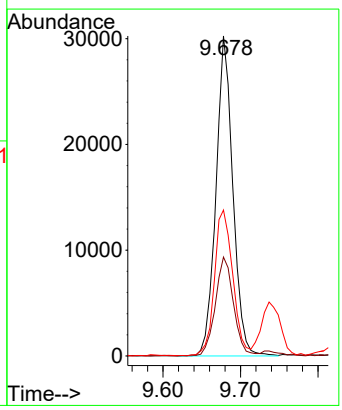
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

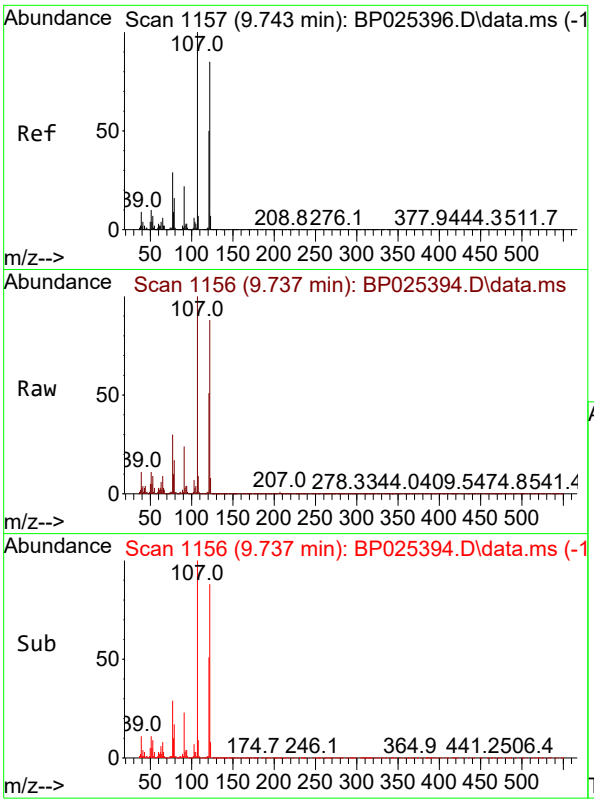


#26
2-Nitrophenol
Concen: 8.968 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

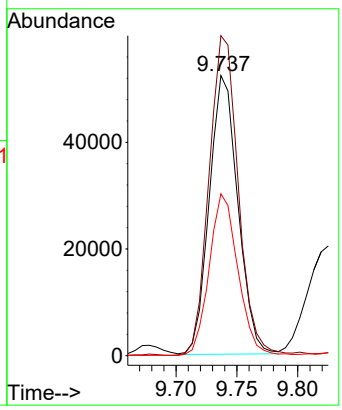




#27
2,4-Dimethylphenol
Concen: 9.718 ng
RT: 9.737 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:122 Resp: 8546

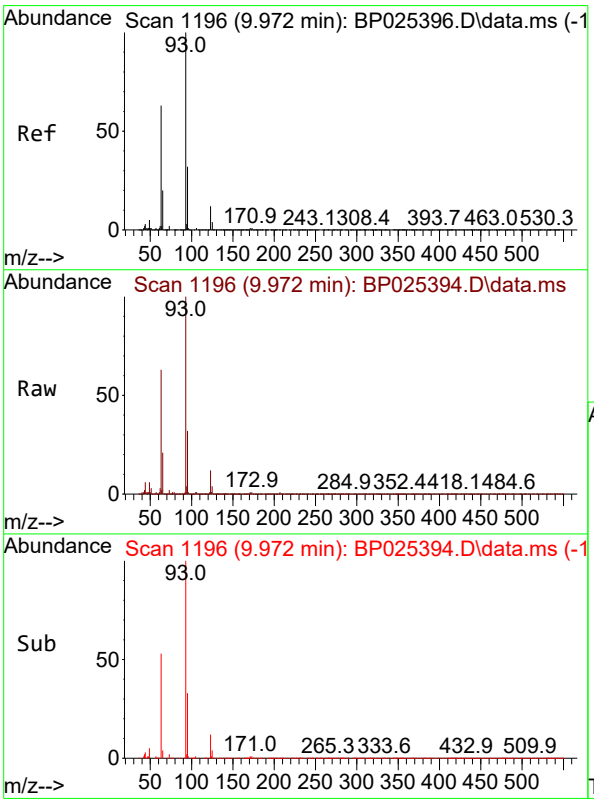
Ion	Ratio	Lower	Upper
122	100		
107	114.2	93.7	140.5
121	57.8	46.6	69.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

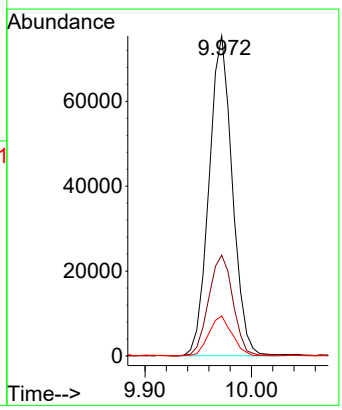
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

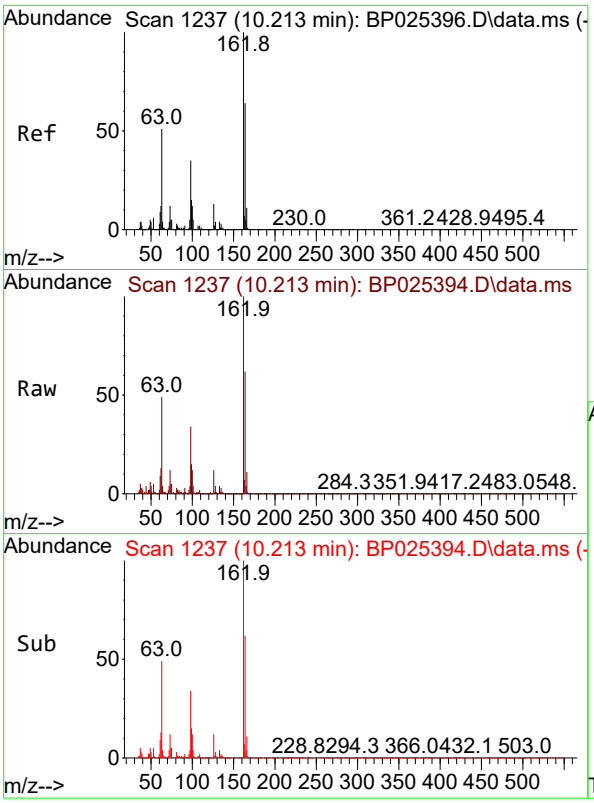


#28
bis(2-Chloroethoxy)methane
Concen: 9.611 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 93 Resp: 114635

Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.4	38.0
123	12.5	9.4	14.0

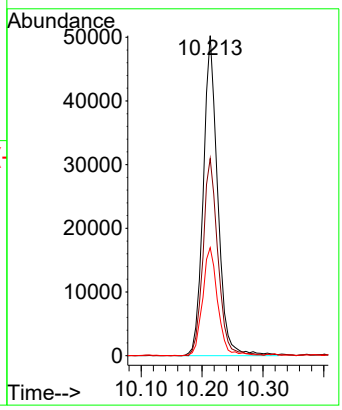




#29
2,4-Dichlorophenol
Concen: 9.464 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:162 Resp: 8267

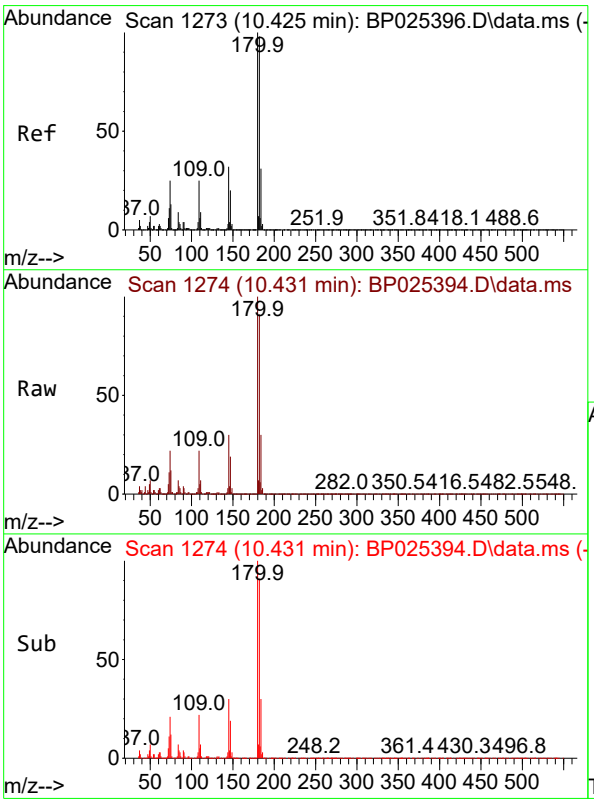
Ion	Ratio	Lower	Upper
162	100		
164	61.6	44.4	84.4
98	33.8	14.9	54.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

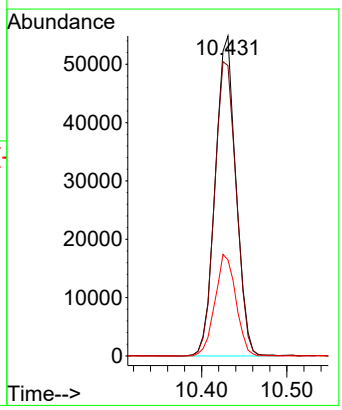
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

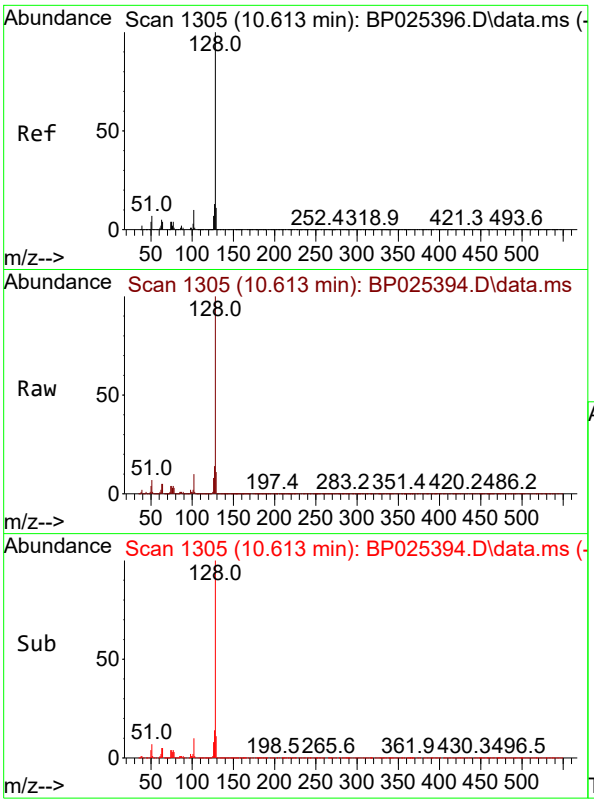


#30
1,2,4-Trichlorobenzene
Concen: 9.676 ng
RT: 10.431 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:180 Resp: 92664

Ion	Ratio	Lower	Upper
180	100		
182	90.7	78.0	117.0
145	30.1	25.9	38.9

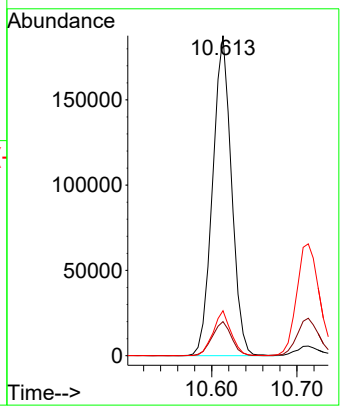




#31
Naphthalene
Concen: 9.816 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:128 Resp: 28775

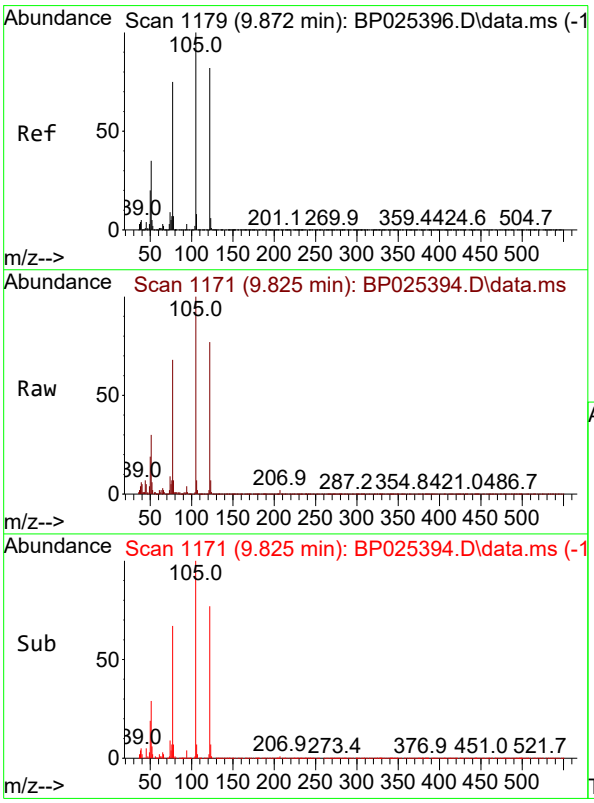
Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	14.0	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

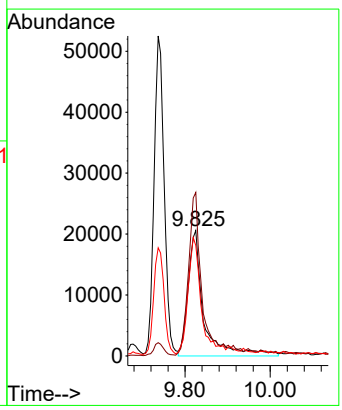
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

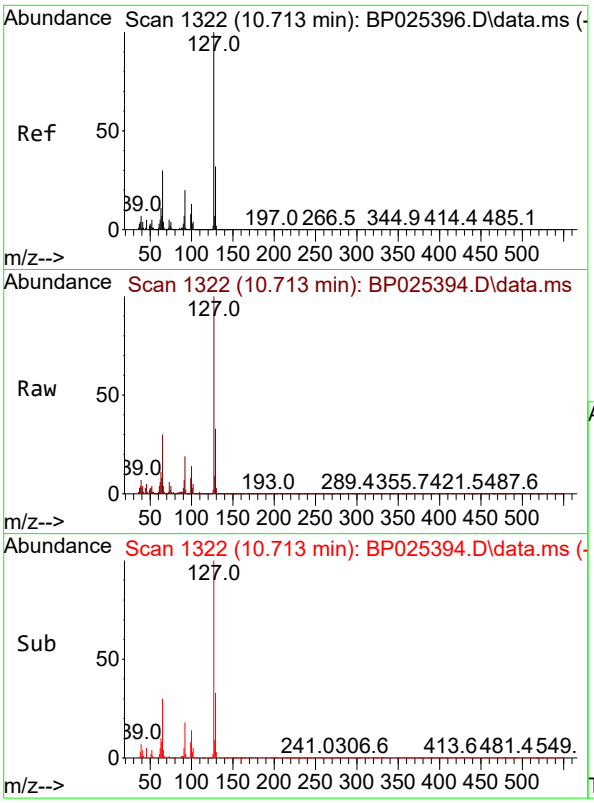


#32
Benzoic acid
Concen: 8.188 ng m
RT: 9.825 min Scan# 1171
Delta R.T. -0.047 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:122 Resp: 53034

Ion	Ratio	Lower	Upper
122	100		
105	130.4	100.6	140.6
77	88.0	71.5	111.5

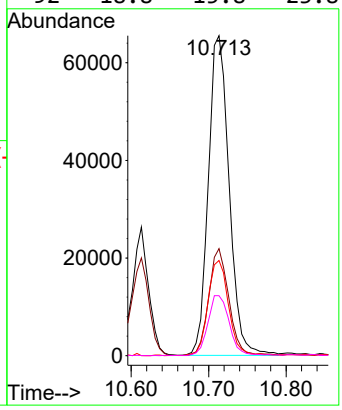




#33
4-Chloroaniline
Concen: 9.472 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:127 Resp: 12264

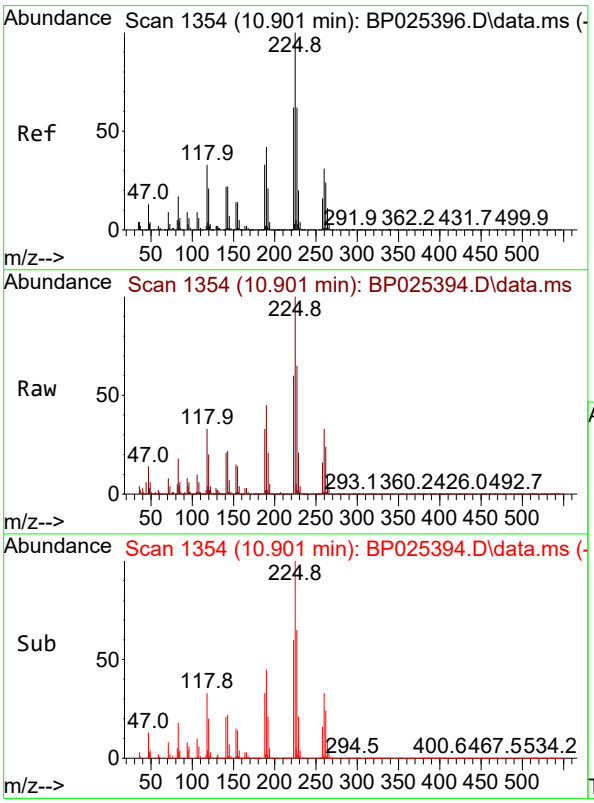
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.4	38.2
65	29.7	23.8	35.6
92	18.8	15.8	23.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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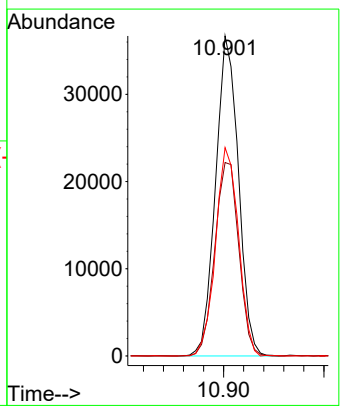
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

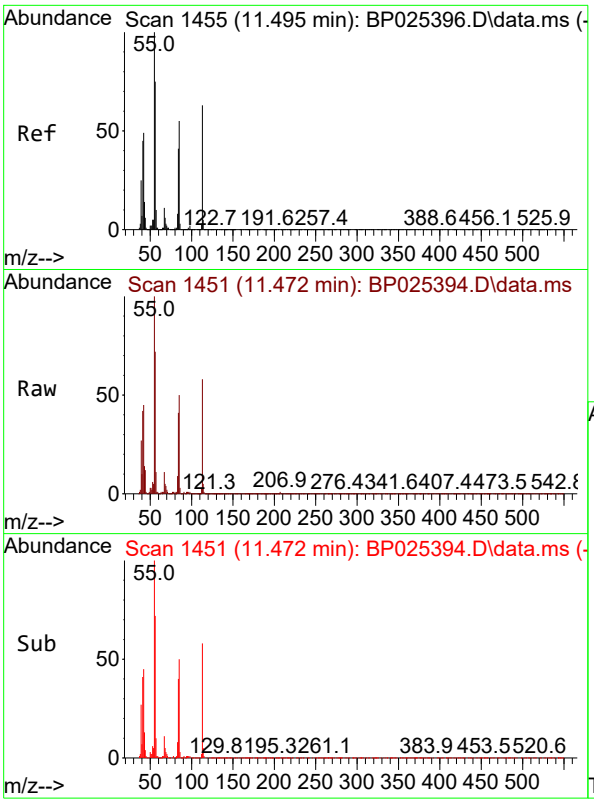


#34
Hexachlorobutadiene
Concen: 9.695 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

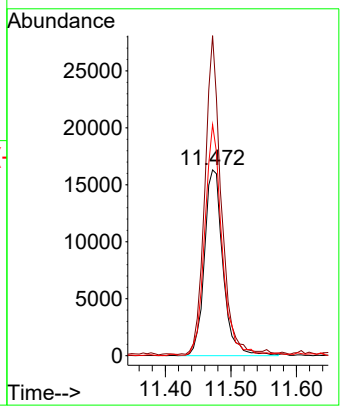




#35
Caprolactam
Concen: 10.001 ng
RT: 11.472 min Scan# 14
Delta R.T. -0.023 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:113 Resp: 3203

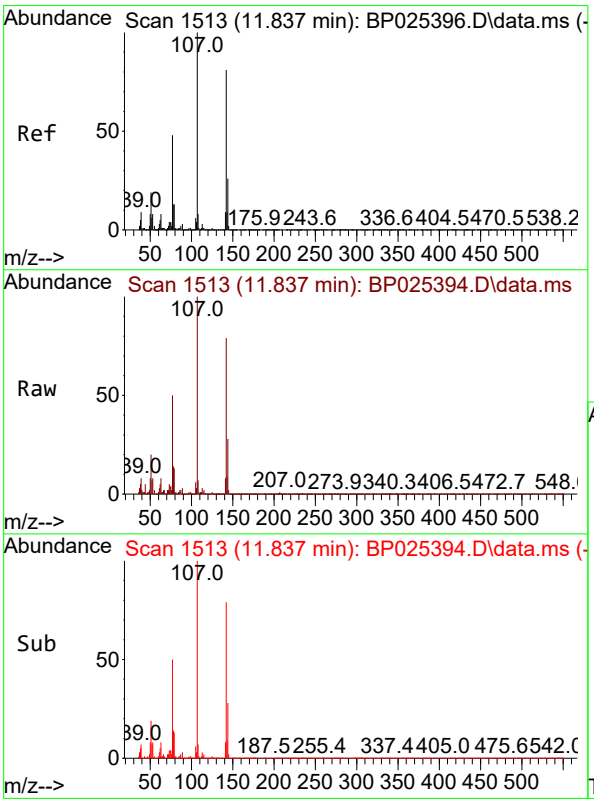
Ion	Ratio	Lower	Upper
113	100		
55	172.3	140.0	180.0
56	124.4	100.0	140.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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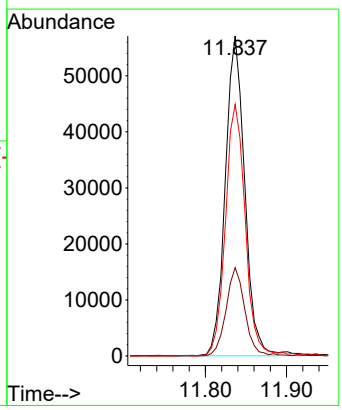
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

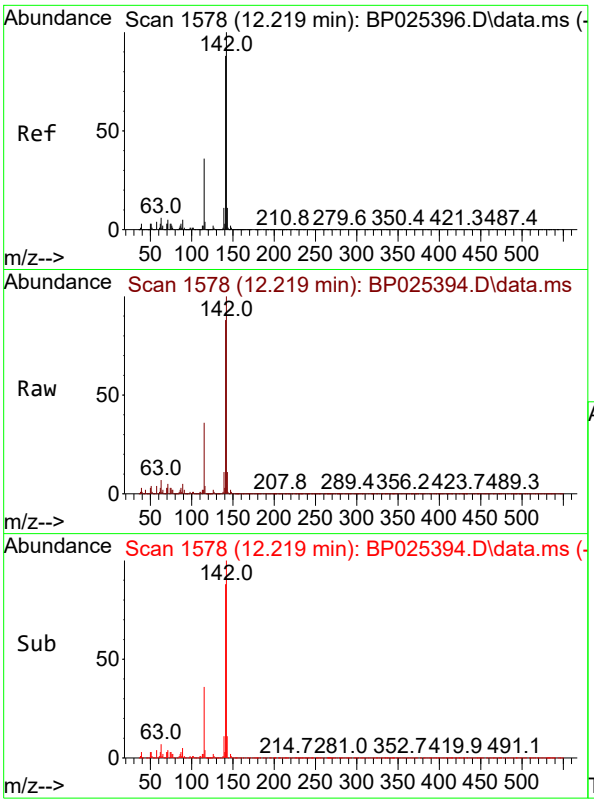


#36
4-Chloro-3-methylphenol
Concen: 9.431 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

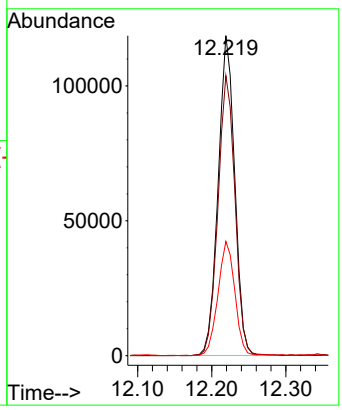




#37
2-Methylnaphthalene
Concen: 9.654 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:142 Resp: 18417

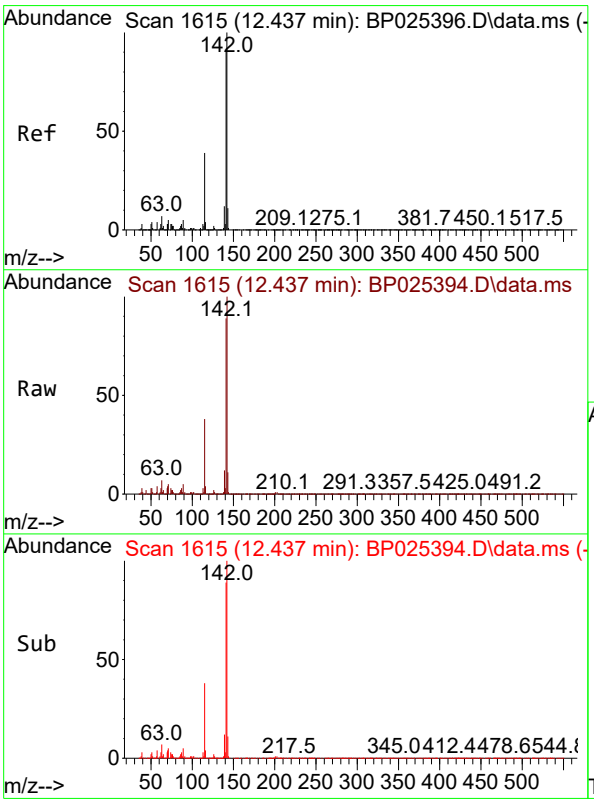
Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.3	105.5
115	35.7	28.9	43.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

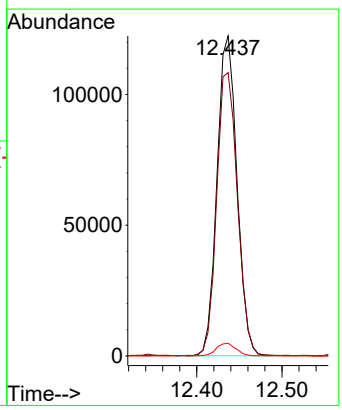
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

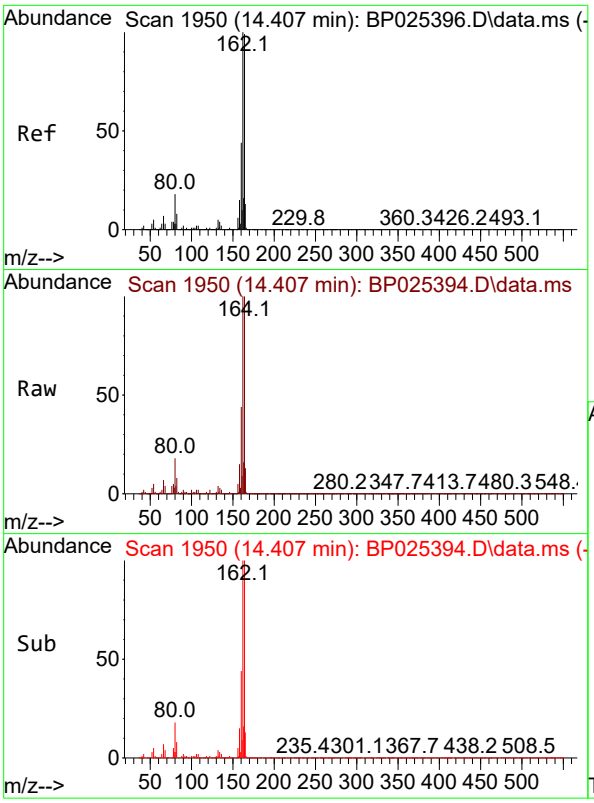


#38
1-Methylnaphthalene
Concen: 9.817 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

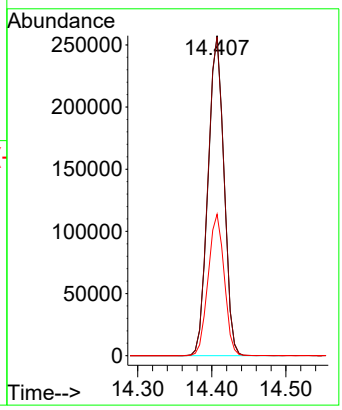




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:164 Resp: 38319

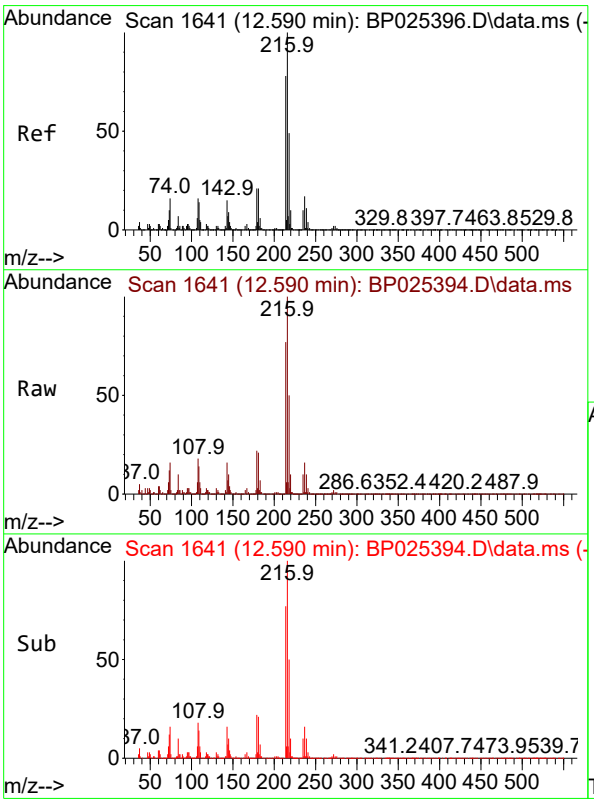
Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.0	121.6
160	44.2	35.4	53.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

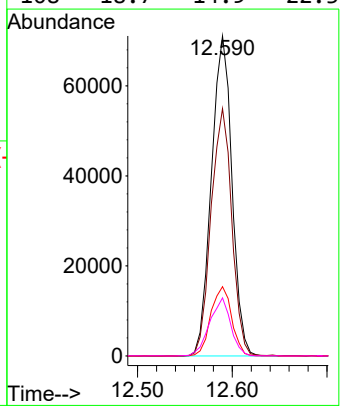
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

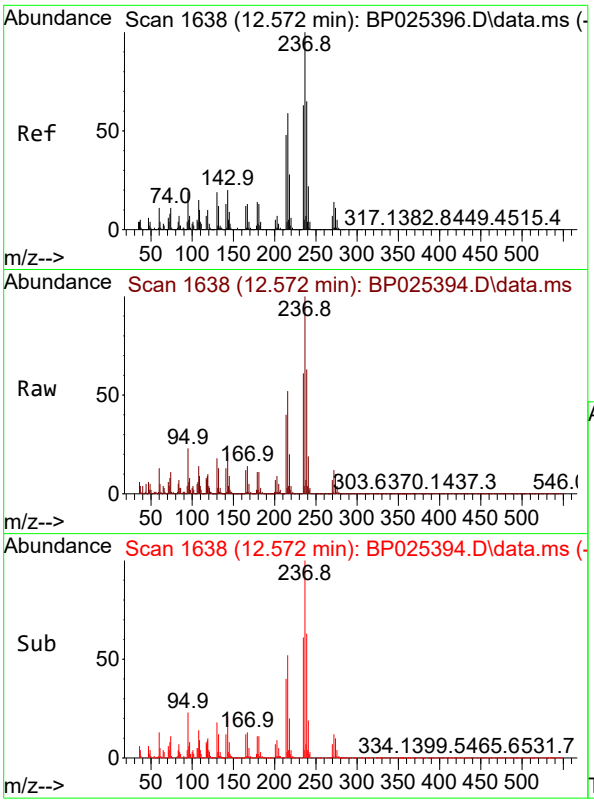


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.678 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:216 Resp: 107104

Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.0	94.4
179	22.0	17.1	25.7
108	18.7	14.9	22.3

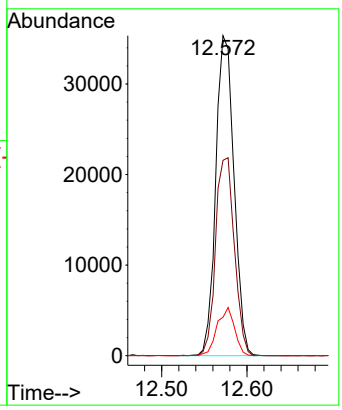




#41
Hexachlorocyclopentadiene
Concen: 7.867 ng
RT: 12.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:237 Resp: 5258

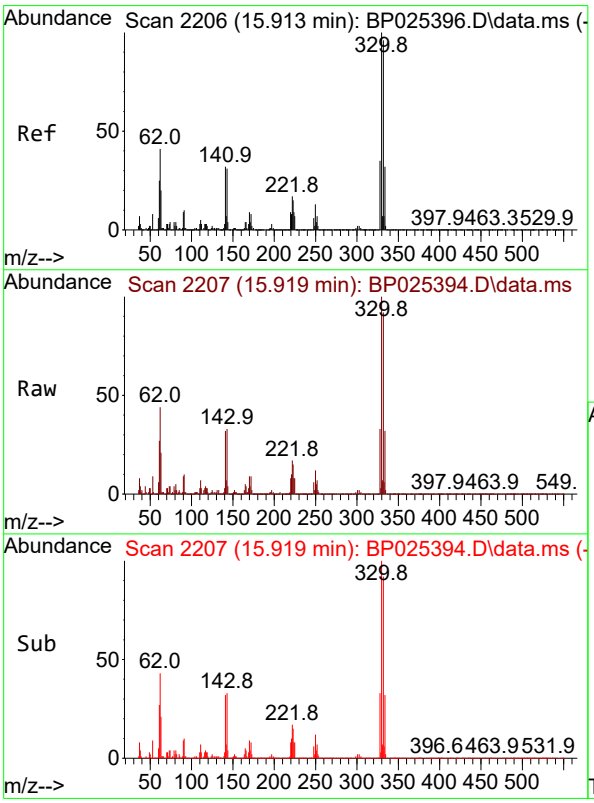
Ion	Ratio	Lower	Upper
237	100		
235	61.1	42.7	82.7
272	12.0	0.0	34.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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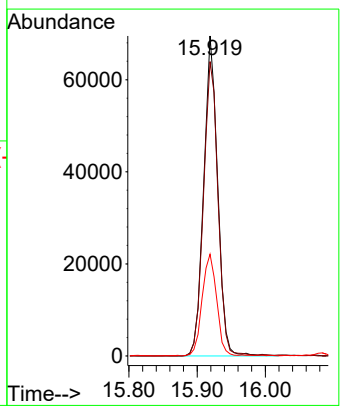
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

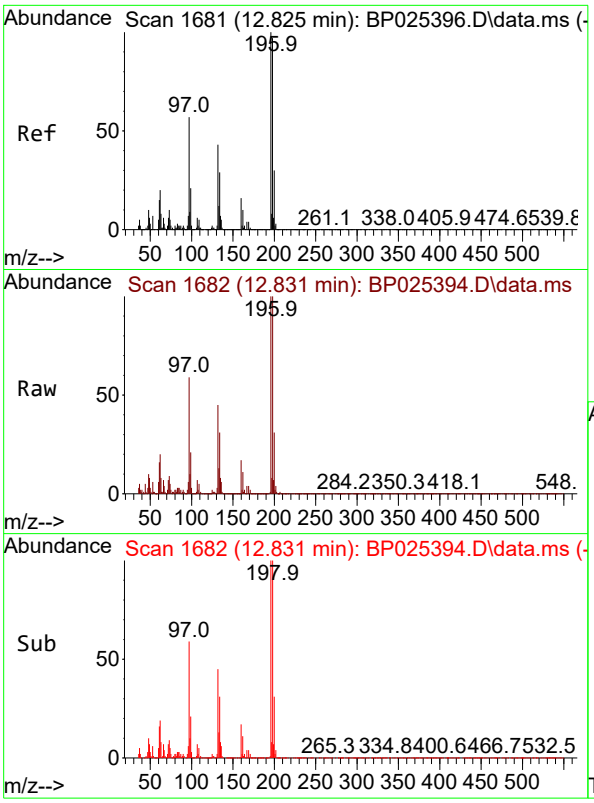


#42
2,4,6-Tribromophenol
Concen: 19.210 ng
RT: 15.919 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:330 Resp: 99083

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.3	115.9
141	33.1	26.6	39.8

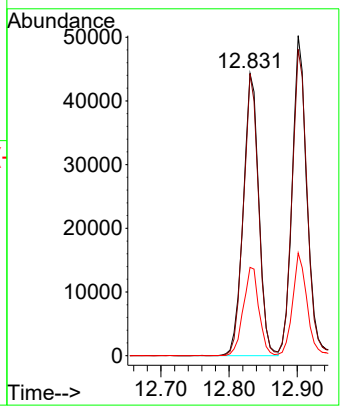




#43
2,4,6-Trichlorophenol
Concen: 9.339 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:196 Resp: 6978

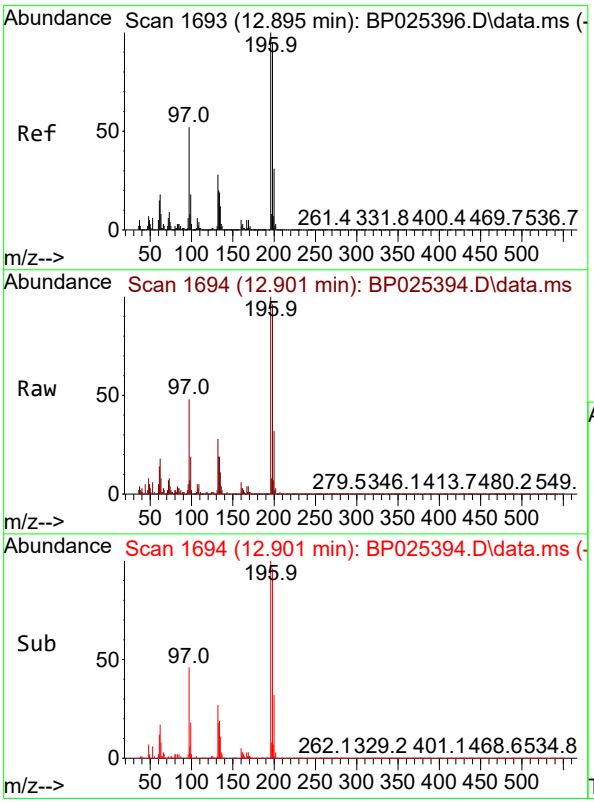
Ion	Ratio	Lower	Upper
196	100		
198	99.9	77.2	115.8
200	31.3	23.9	35.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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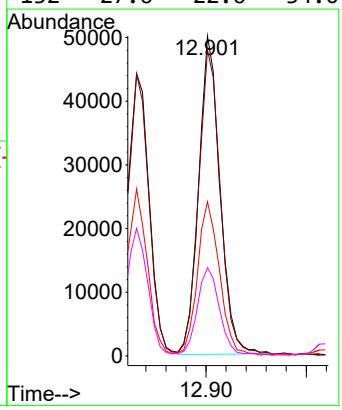
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

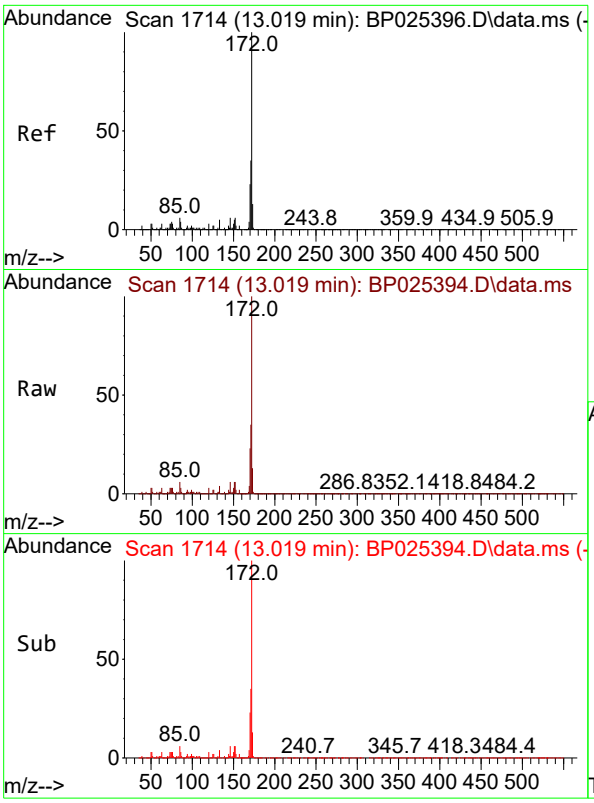


#44
2,4,5-Trichlorophenol
Concen: 9.006 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

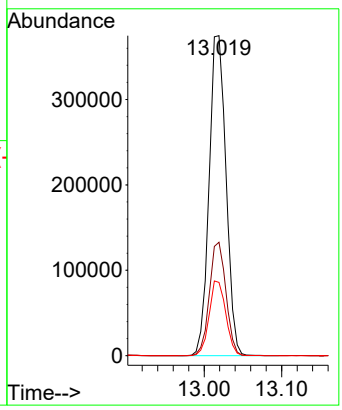




#45
2-Fluorobiphenyl
Concen: 20.271 ng
RT: 13.019 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:172 Resp: 56835

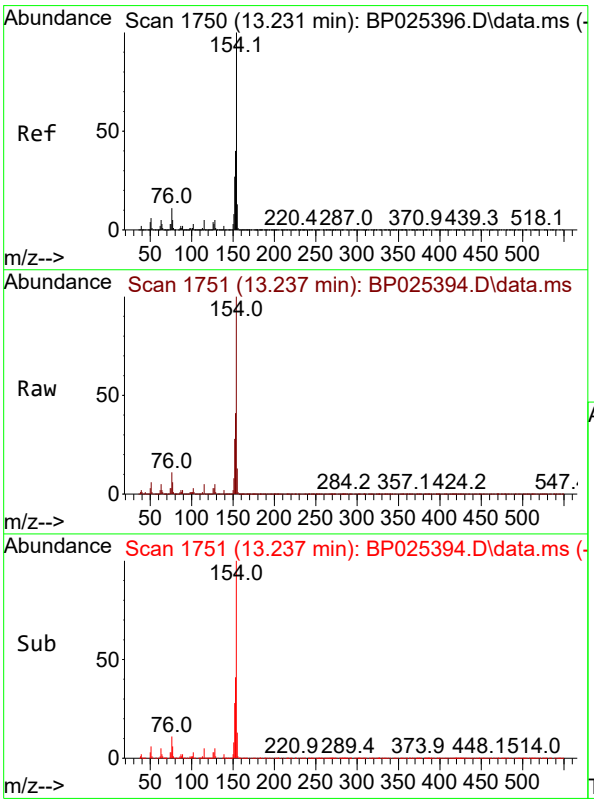
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.1	42.1
170	22.9	18.6	28.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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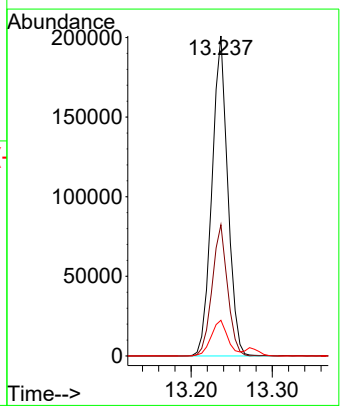
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

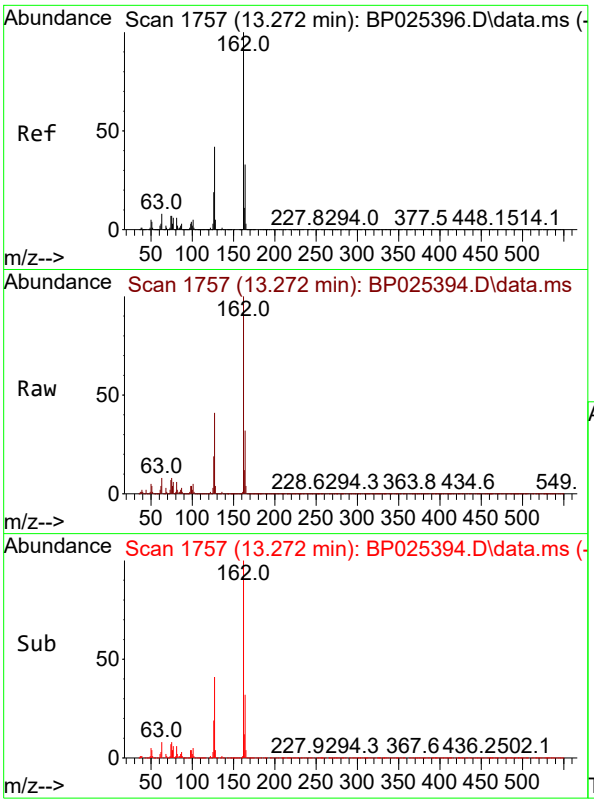


#46
1,1'-Biphenyl
Concen: 9.763 ng
RT: 13.237 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

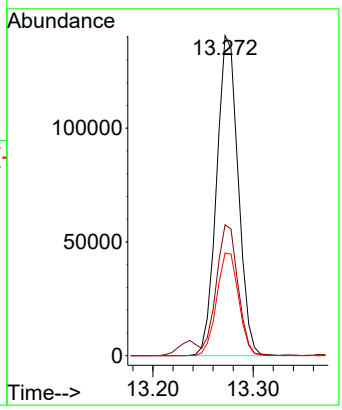




#47
2-Chloronaphthalene
Concen: 9.666 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:162 Resp: 20941

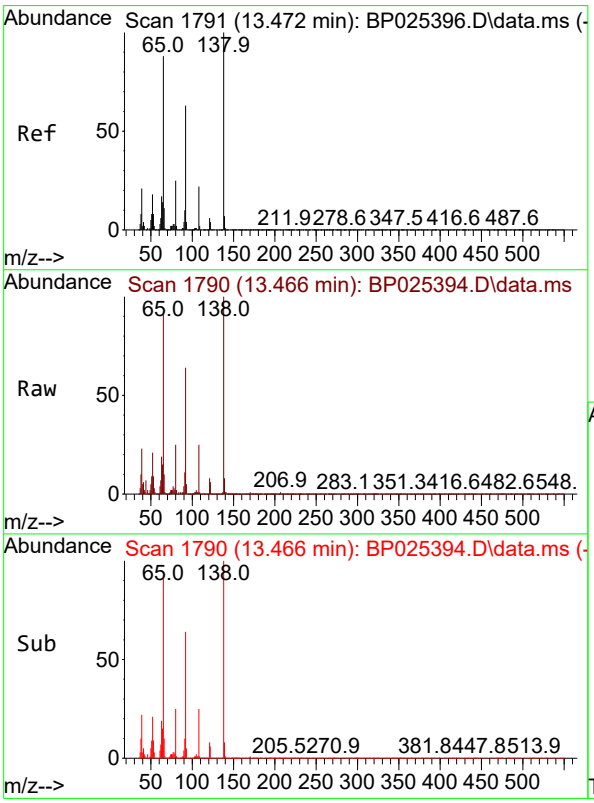
Ion	Ratio	Lower	Upper
162	100		
127	40.9	33.4	50.2
164	32.0	26.2	39.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

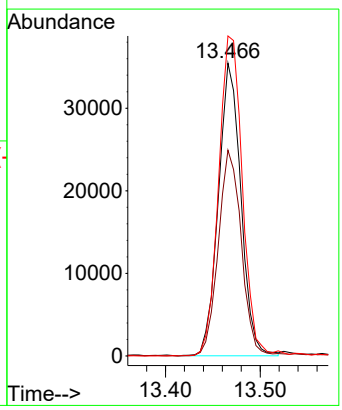
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

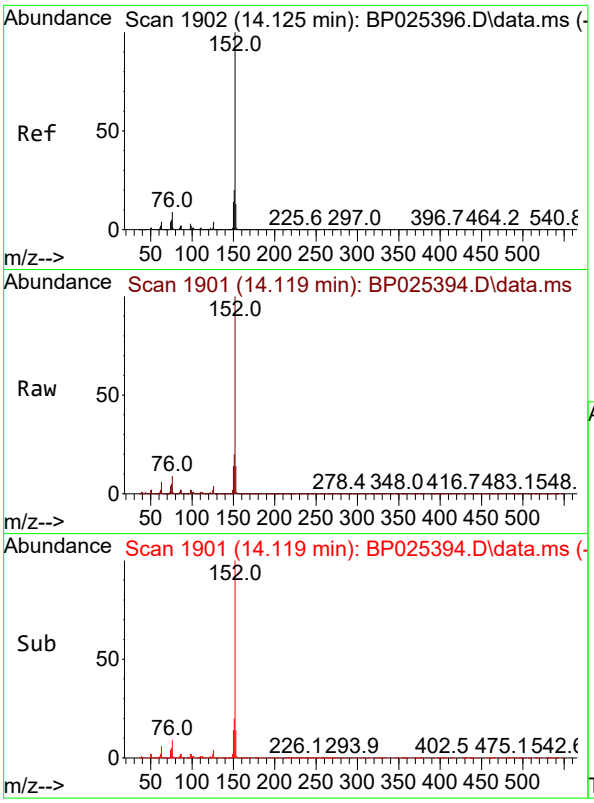


#48
2-Nitroaniline
Concen: 9.287 ng
RT: 13.466 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 65 Resp: 58630

Ion	Ratio	Lower	Upper
65	100		
92	70.3	57.6	86.4
138	109.3	91.0	136.6

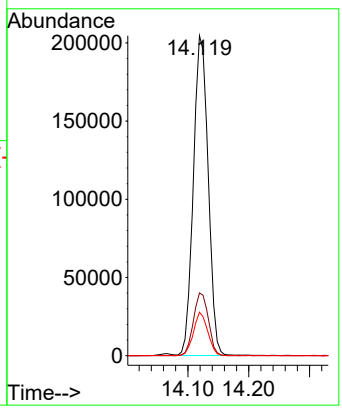




#49
Acenaphthylene
Concen: 9.652 ng
RT: 14.119 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:152 Resp: 34602

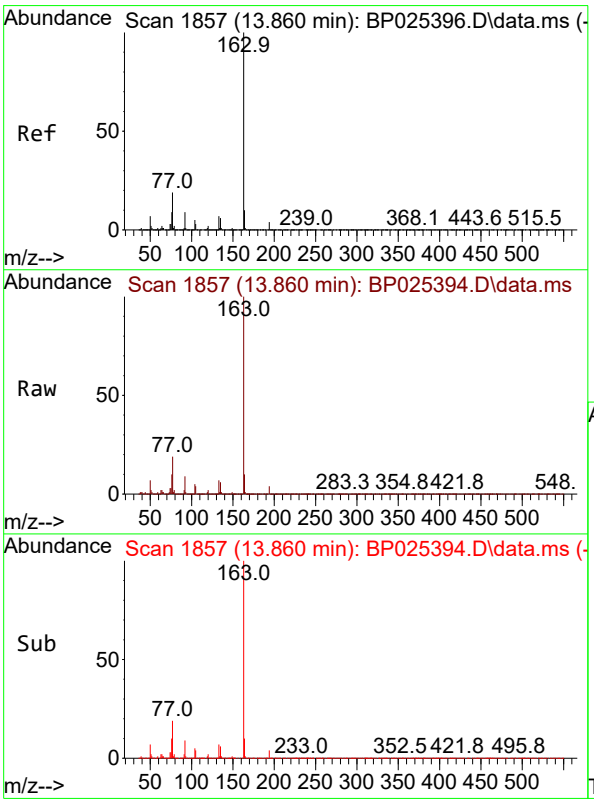
Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.0	24.0
153	13.6	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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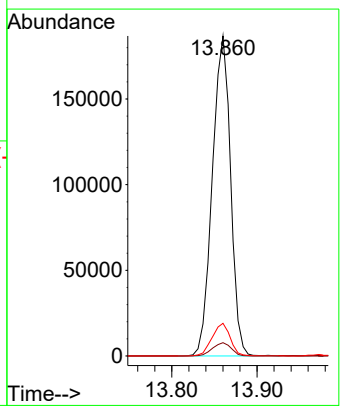
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

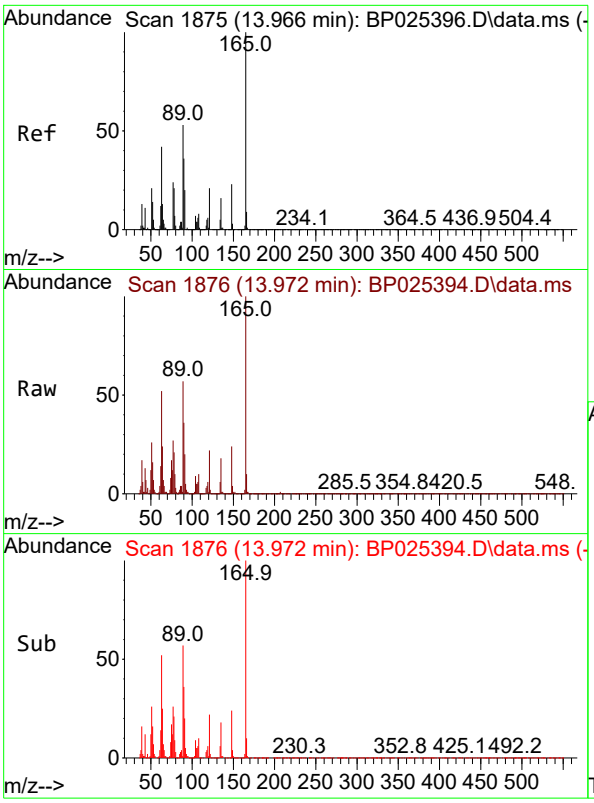


#50
Dimethylphthalate
Concen: 9.896 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

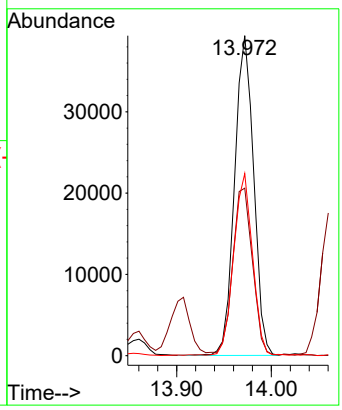




#51
2,6-Dinitrotoluene
Concen: 9.292 ng
RT: 13.972 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:165 Resp: 5495

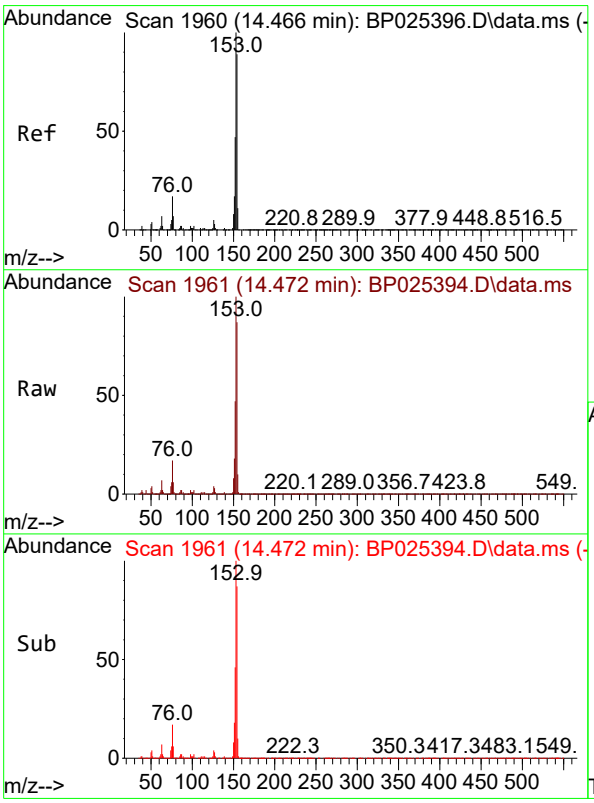
Ion	Ratio	Lower	Upper
165	100		
63	52.3	40.9	61.3
89	56.9	42.1	63.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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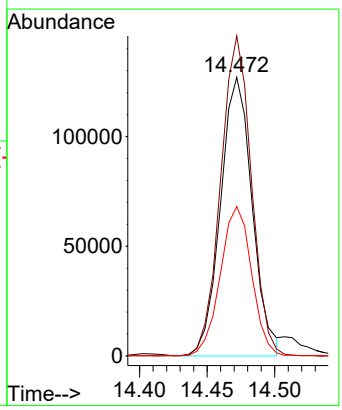
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

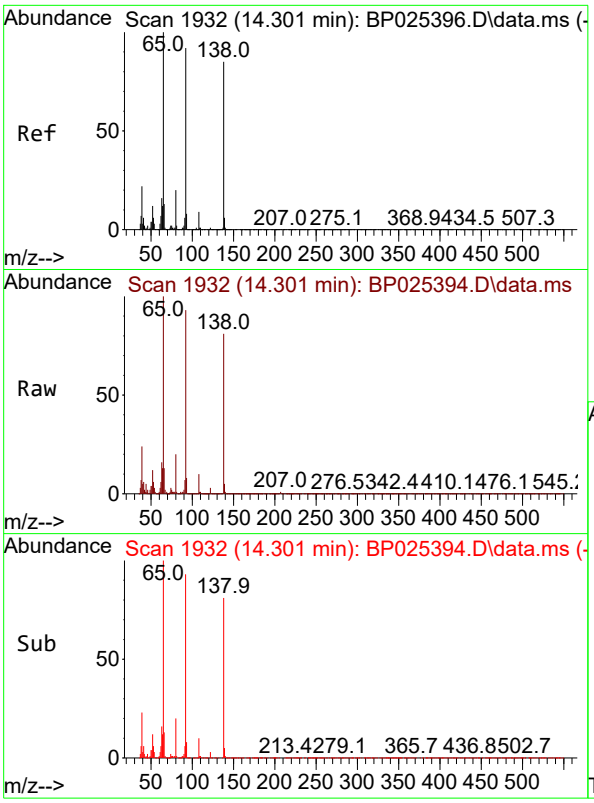


#52
Acenaphthene
Concen: 9.848 ng m
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

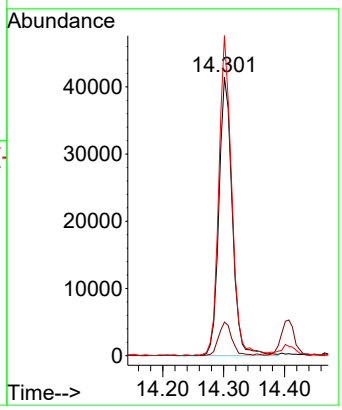




#53
3-Nitroaniline
Concen: 9.466 ng
RT: 14.301 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:138 Resp: 6299

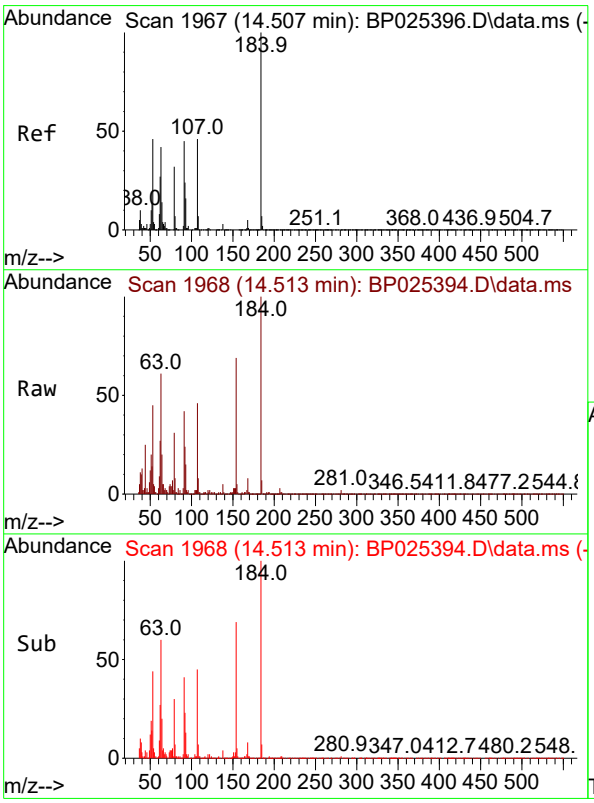
Ion	Ratio	Lower	Upper
138	100		
108	12.1	8.3	12.5
92	114.9	86.2	129.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

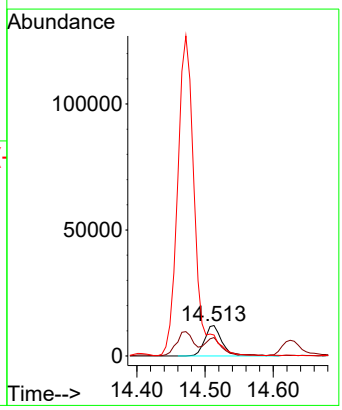
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

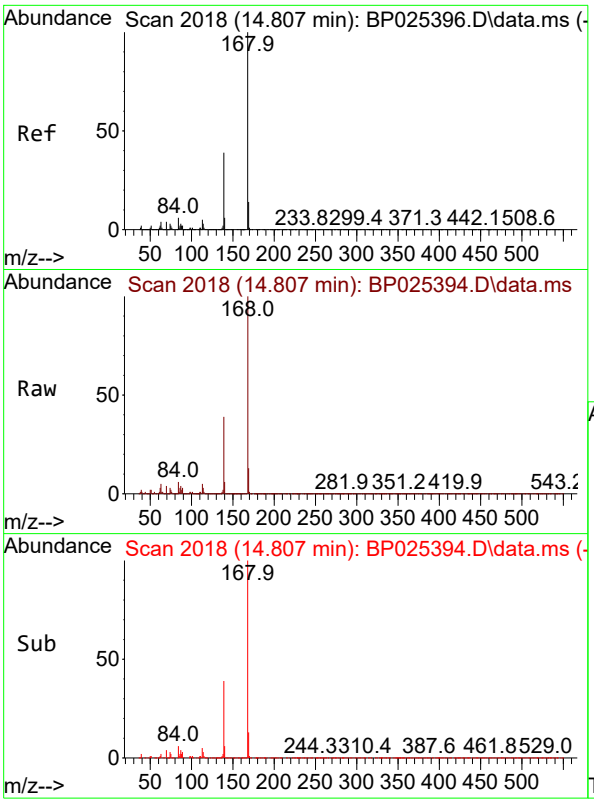


#54
2,4-Dinitrophenol
Concen: 6.886 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:184 Resp: 21748

Ion	Ratio	Lower	Upper
184	100		
63	60.8	49.4	74.2
154	69.1	54.6	82.0





#55
Dibenzofuran
Concen: 9.851 ng
RT: 14.807 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

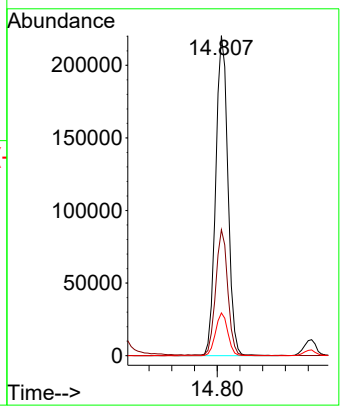
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

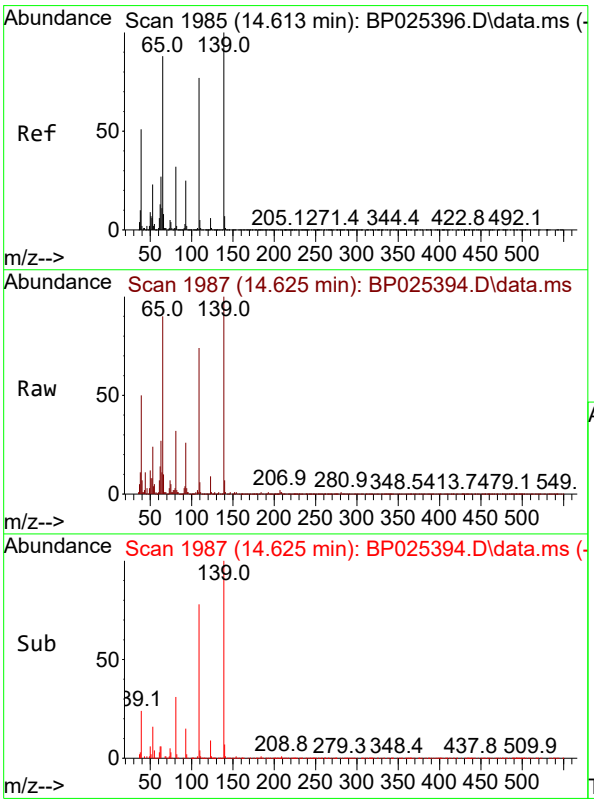
Tgt Ion:168 Resp: 32773

Ion	Ratio	Lower	Upper
168	100		
139	39.3	31.5	47.3
169	13.4	10.9	16.3

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Supervised By :Jagrut Upadhyay 08/15/2025

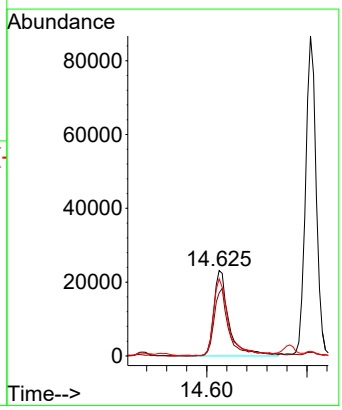


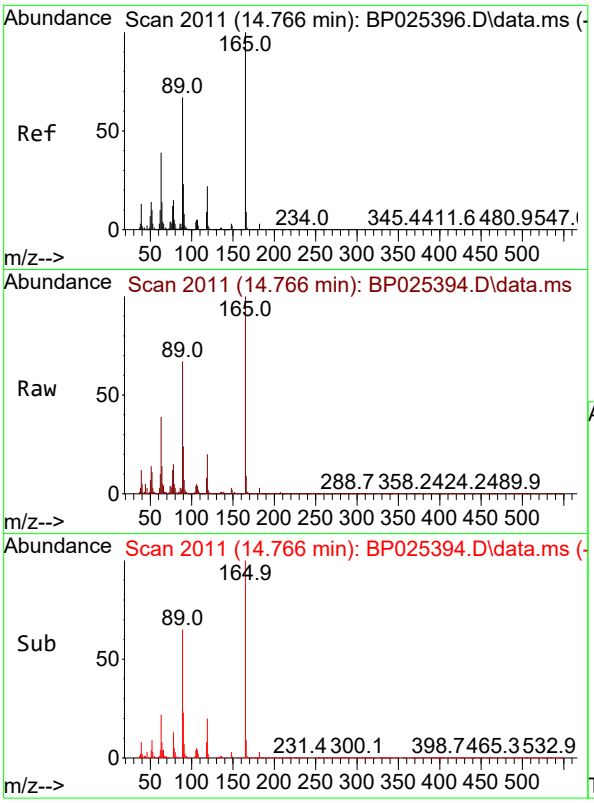


#56
4-Nitrophenol
Concen: 8.797 ng
RT: 14.625 min Scan# 1987
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:139 Resp: 48103

Ion	Ratio	Lower	Upper
139	100		
109	73.8	56.6	96.6
65	90.2	68.2	108.2

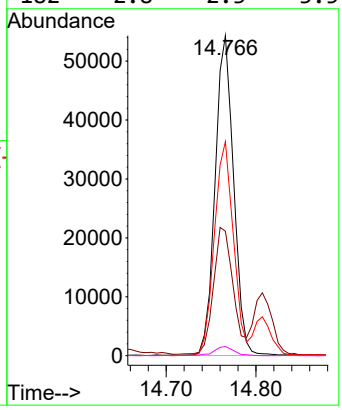




#57
2,4-Dinitrotoluene
Concen: 9.237 ng
RT: 14.766 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:165 Resp: 7795

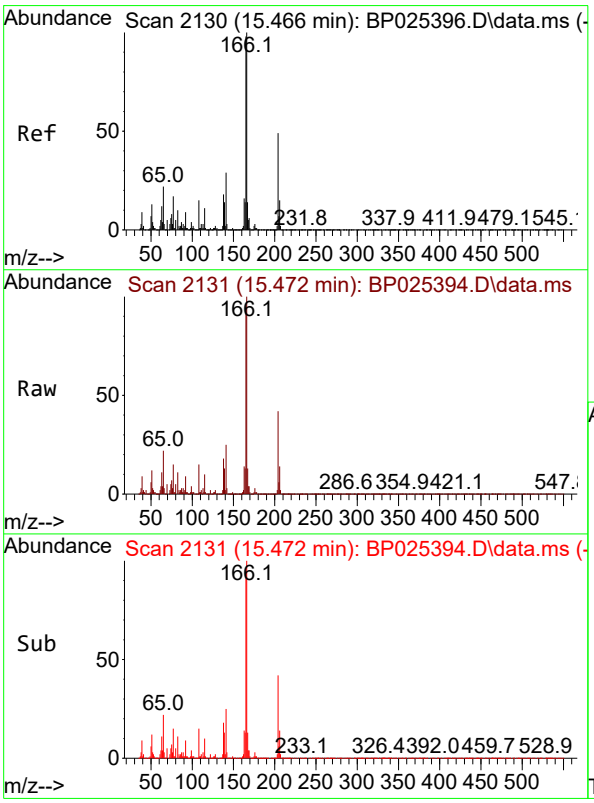
Ion	Ratio	Lower	Upper
165	100		
63	38.9	31.4	47.2
89	66.9	53.3	79.9
182	2.8	2.3	3.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

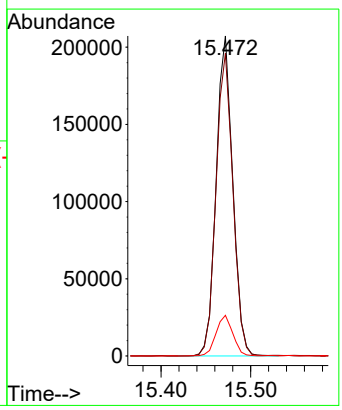
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

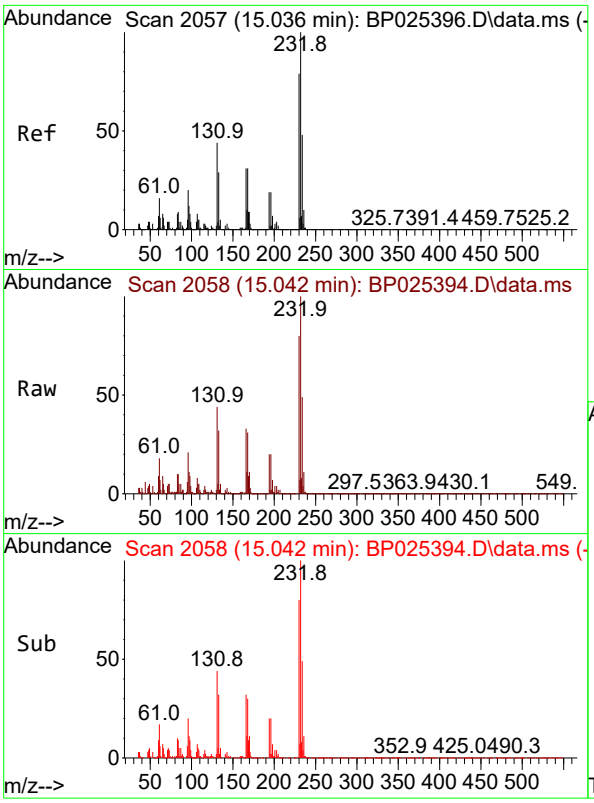


#58
Fluorene
Concen: 10.156 ng
RT: 15.472 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:166 Resp: 266610

Ion	Ratio	Lower	Upper
166	100		
165	94.6	78.8	118.2
167	12.7	11.0	16.4

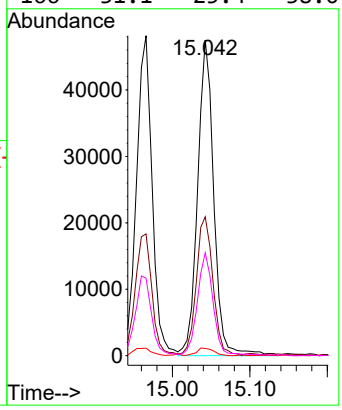




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.533 ng
RT: 15.042 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:232 Resp: 6893

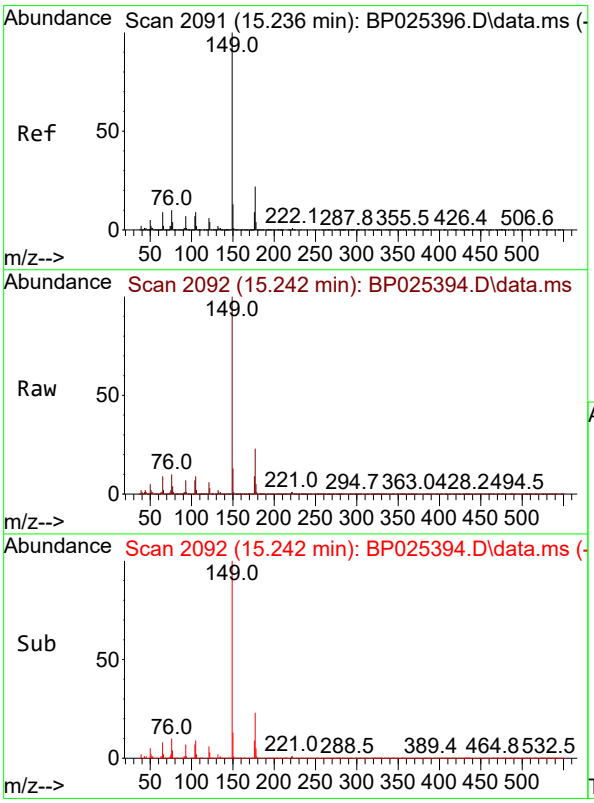
Ion	Ratio	Lower	Upper
232	100		
131	45.2	37.0	55.6
130	2.5	1.9	2.9
166	31.1	25.4	38.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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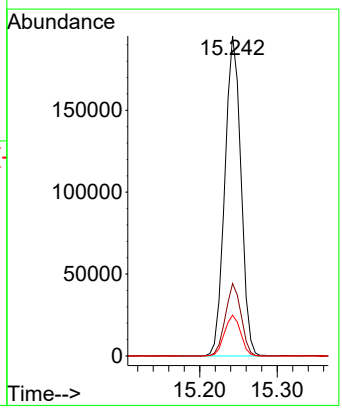
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

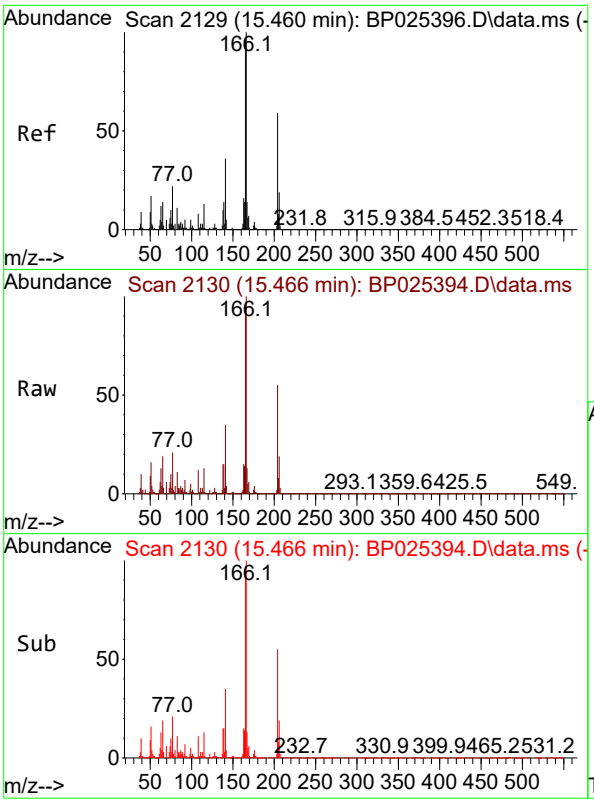


#60
Diethylphthalate
Concen: 9.909 ng
RT: 15.242 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

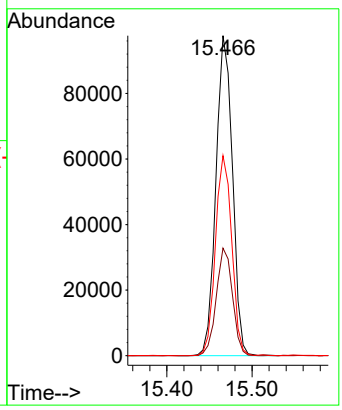
Tgt Ion:204 Resp: 13113

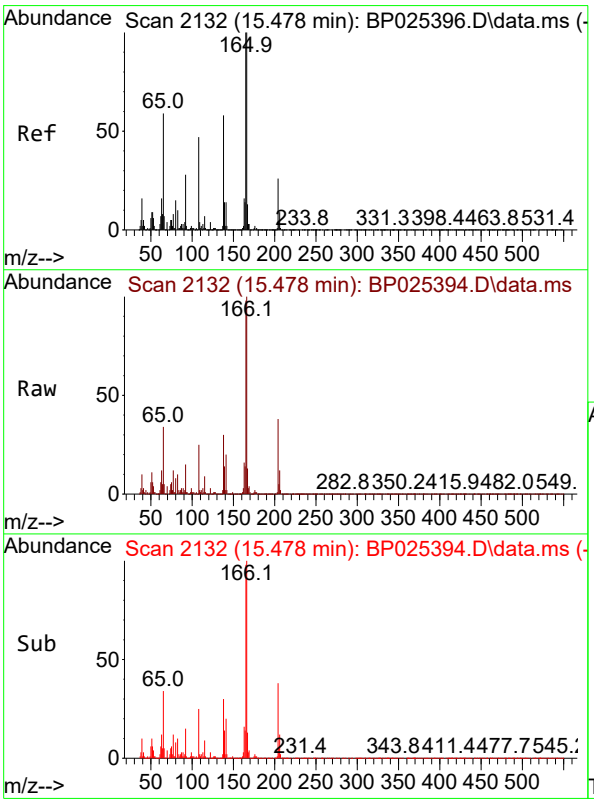
Ion	Ratio	Lower	Upper
204	100		
206	33.6	25.8	38.8
141	62.5	49.4	74.2

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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

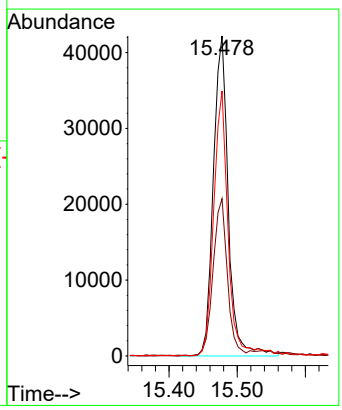


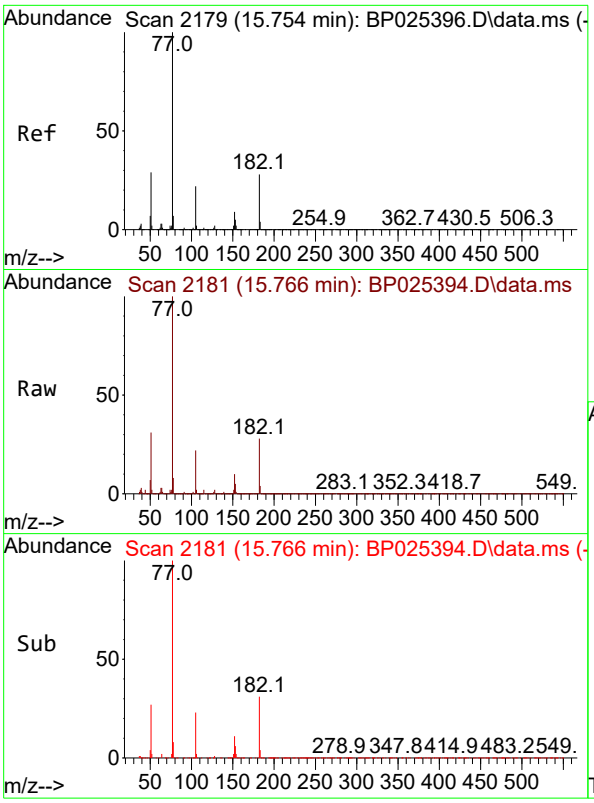


#62
4-Nitroaniline
Concen: 9.437 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

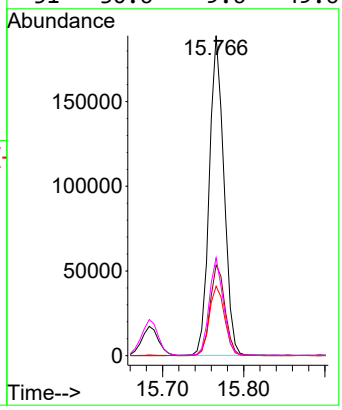




#63
Azobenzene
Concen: 9.620 ng
RT: 15.766 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 77 Resp: 23487

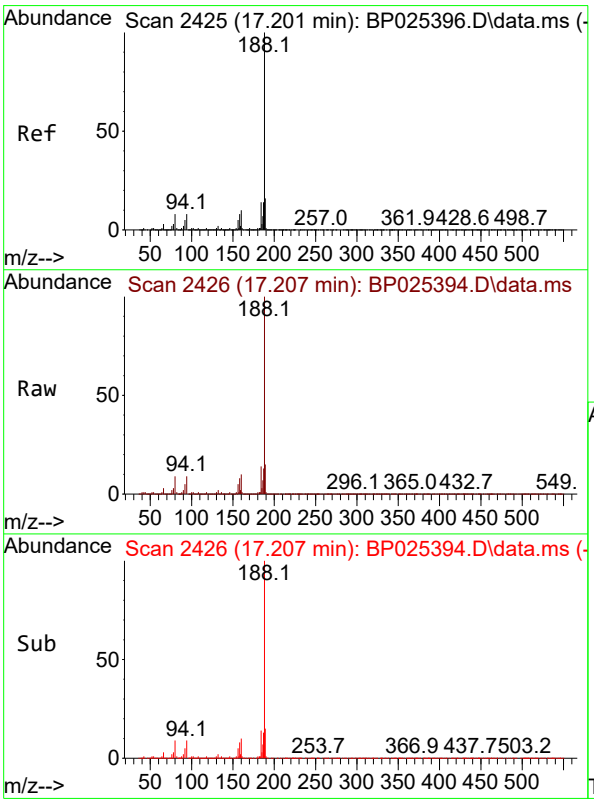
Ion	Ratio	Lower	Upper
77	100		
182	28.3	7.5	47.5
105	21.7	2.1	42.1
51	30.6	9.6	49.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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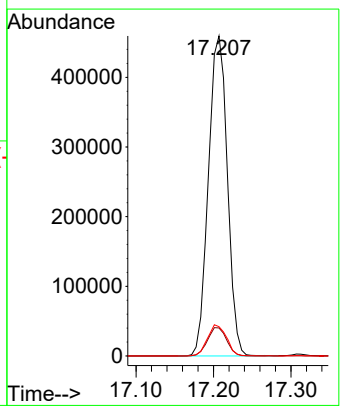
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

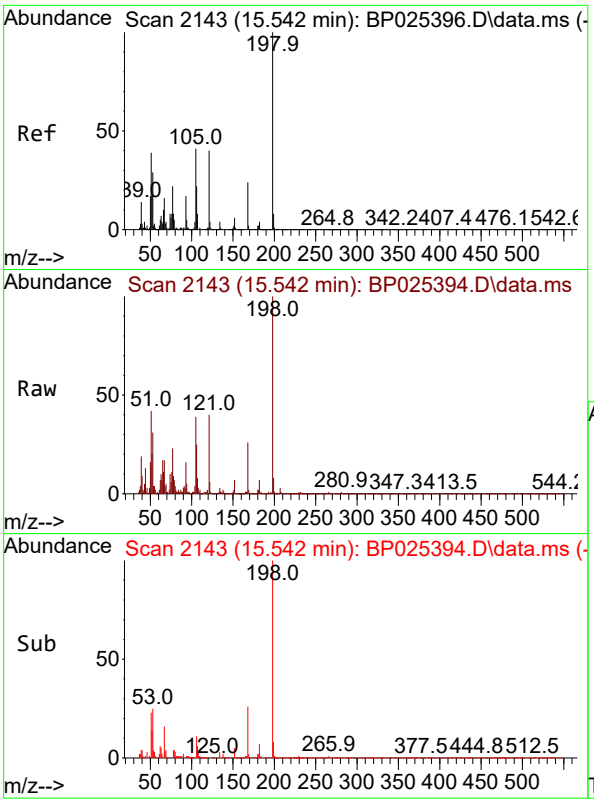


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:188 Resp: 780940

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





#65
4,6-Dinitro-2-methylphenol
Concen: 7.679 ng
RT: 15.542 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

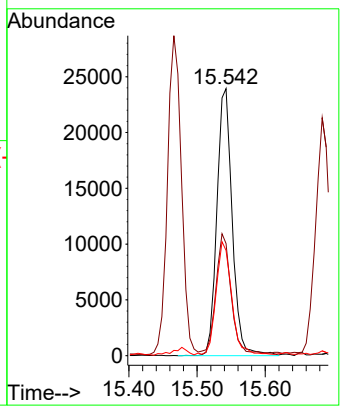
Tgt Ion:198 Resp: 3738

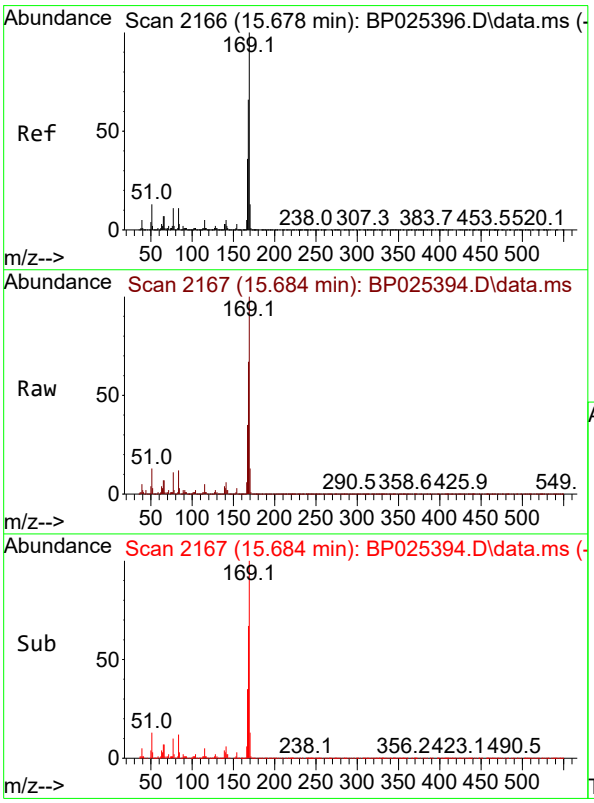
Ion	Ratio	Lower	Upper
198	100		
51	42.0	19.6	59.6
105	39.4	20.9	60.9

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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

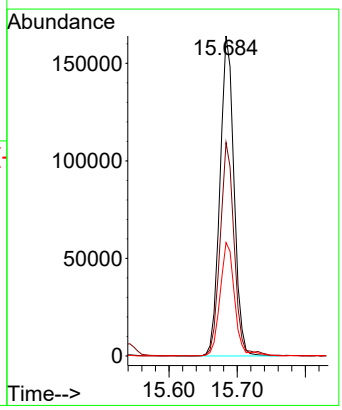


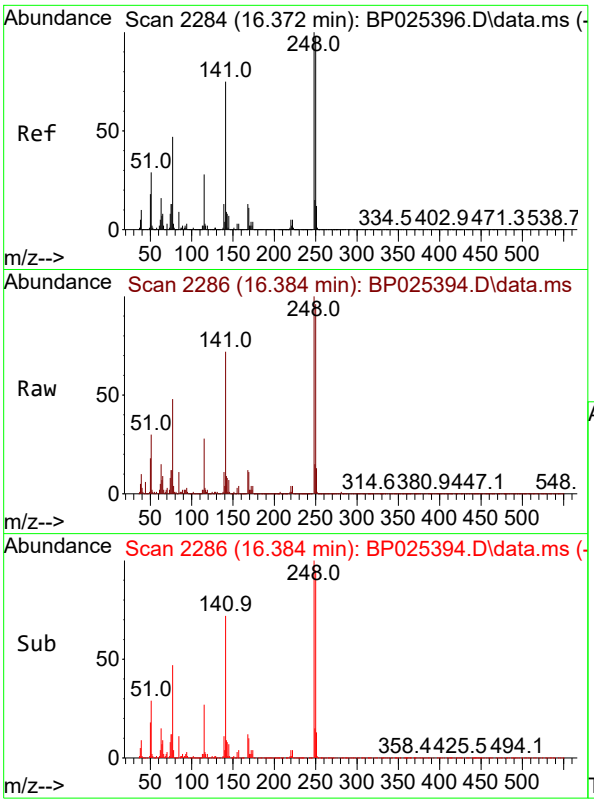


#66
n-Nitrosodiphenylamine
Concen: 9.883 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:169 Resp: 235344

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.2	79.8
167	35.5	28.7	43.1

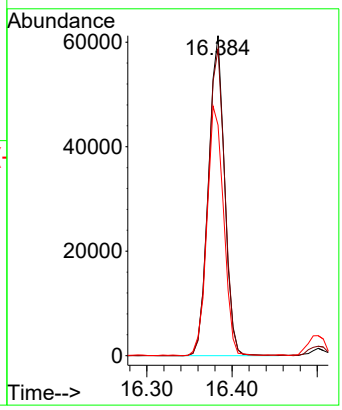




#67
4-Bromophenyl-phenylether
Concen: 9.358 ng
RT: 16.384 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:248 Resp: 8037

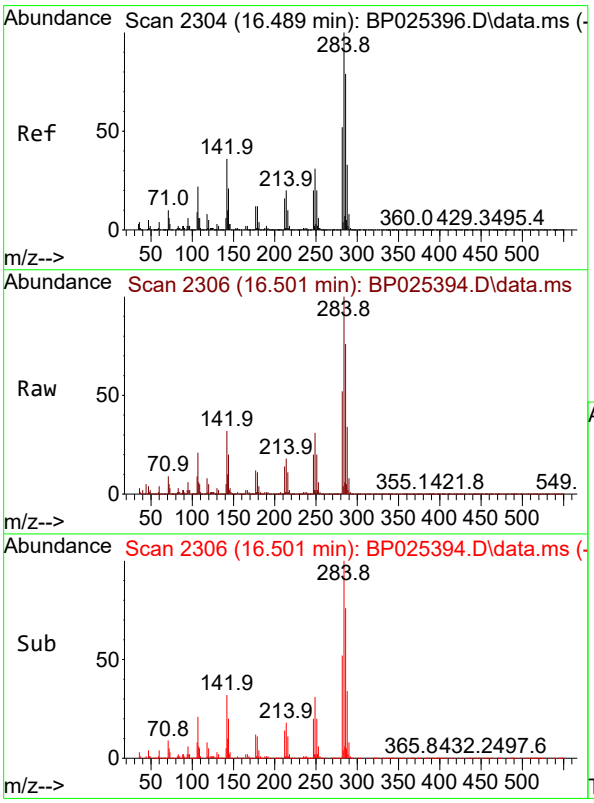
Ion	Ratio	Lower	Upper
248	100		
250	95.9	78.2	117.2
141	72.1	59.6	89.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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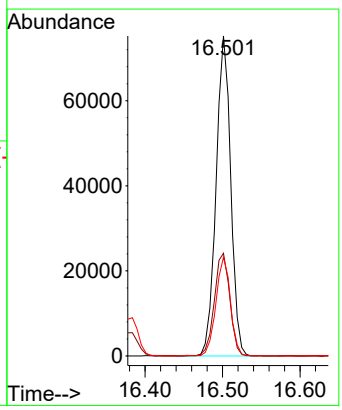
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

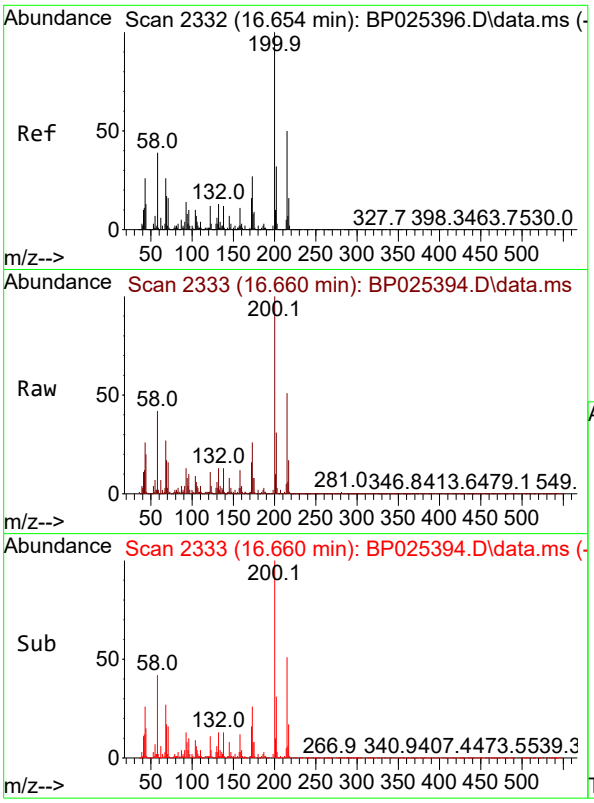


#68
Hexachlorobenzene
Concen: 9.905 ng
RT: 16.501 min Scan# 2306
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:284 Resp: 98614

Ion	Ratio	Lower	Upper
284	100		
142	32.1	29.1	43.7
249	30.8	25.0	37.4

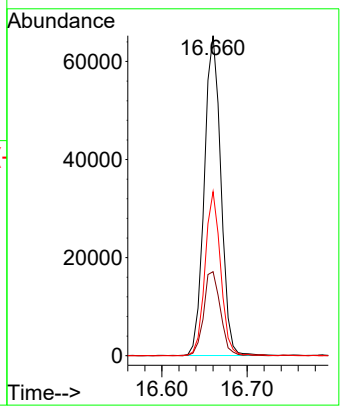




#69
Atrazine
Concen: 9.894 ng
RT: 16.660 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:200 Resp: 8824

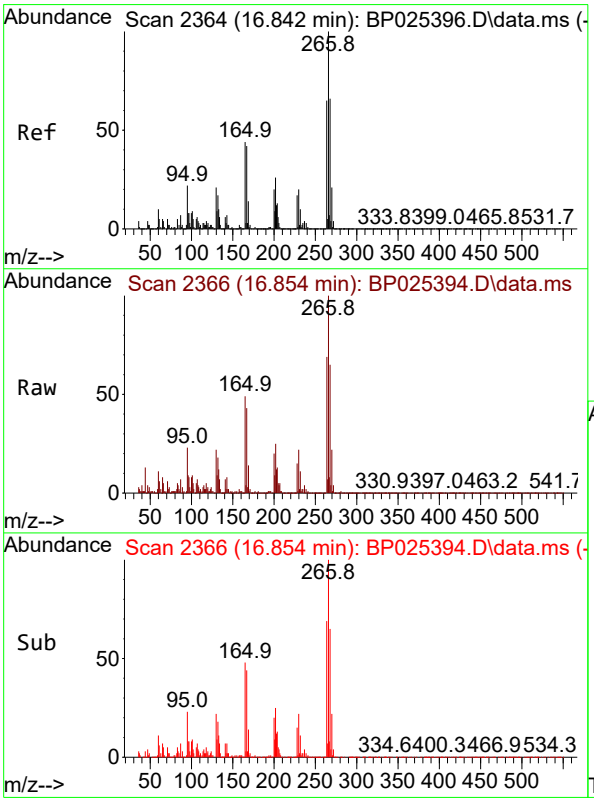
Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.7	46.7
215	51.3	29.7	69.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

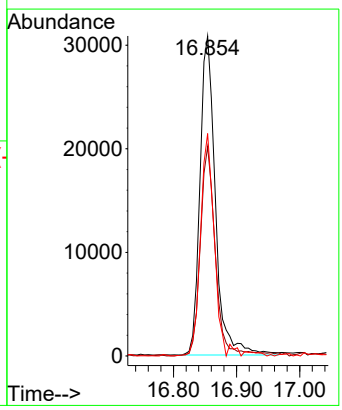
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

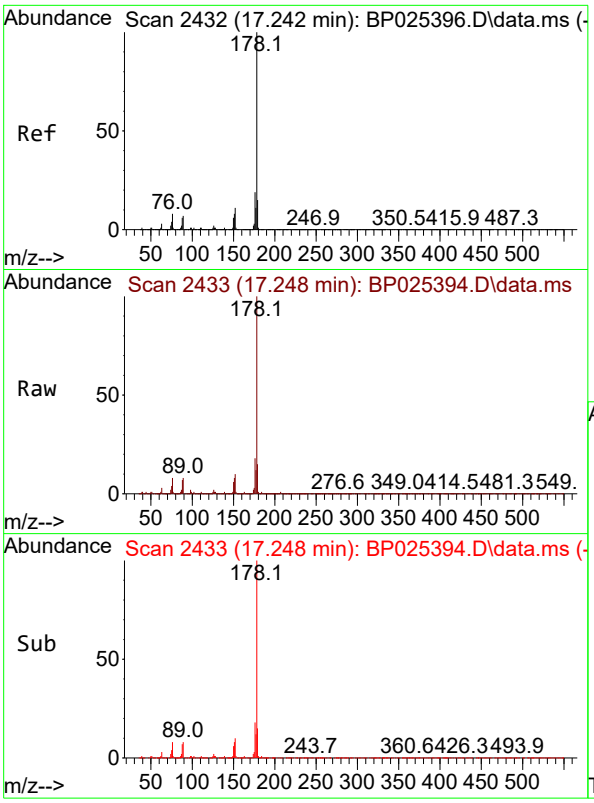


#70
Pentachlorophenol
Concen: 8.360 ng
RT: 16.854 min Scan# 2366
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

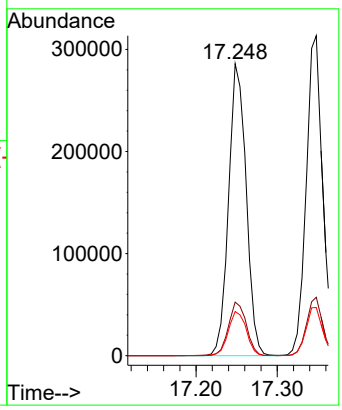




#71
Phenanthrene
Concen: 10.018 ng
RT: 17.248 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:178 Resp: 42975

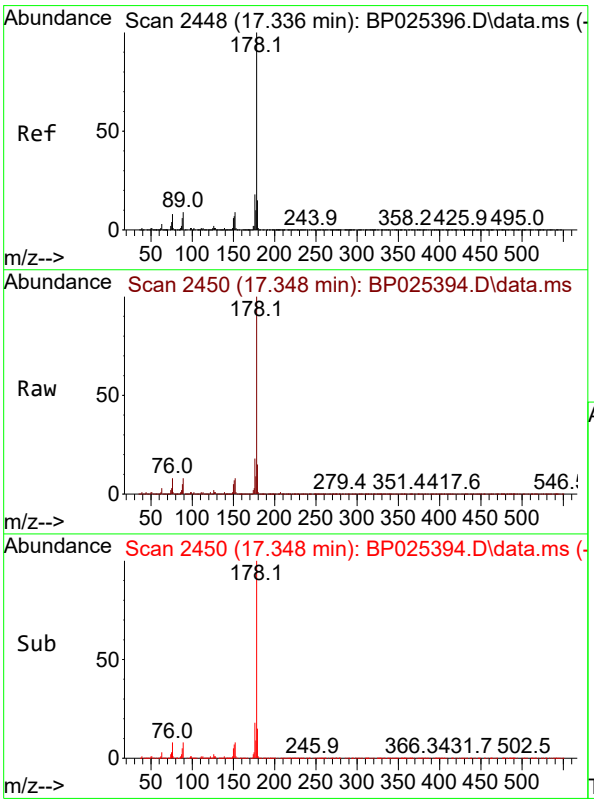
Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.5	23.3
179	15.1	12.2	18.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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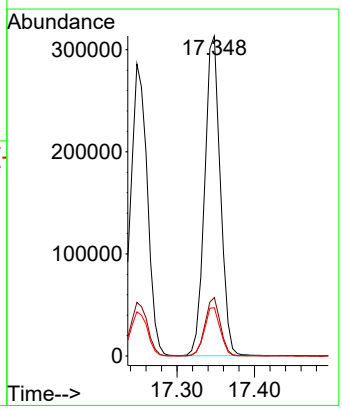
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

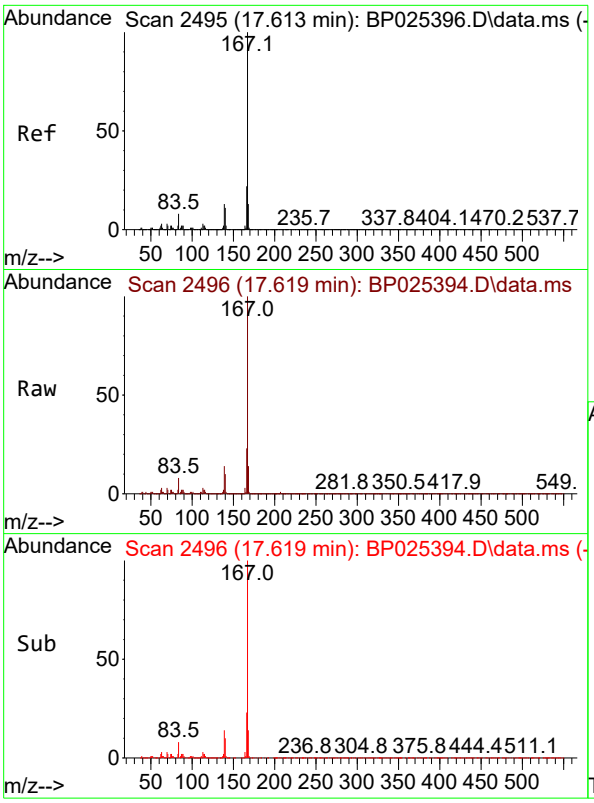


#72
Anthracene
Concen: 10.020 ng
RT: 17.348 min Scan# 2450
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

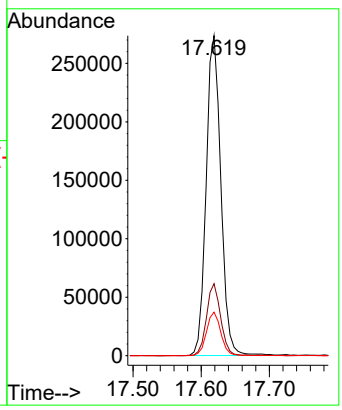




#73
Carbazole
Concen: 9.954 ng
RT: 17.619 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:167 Resp: 41072

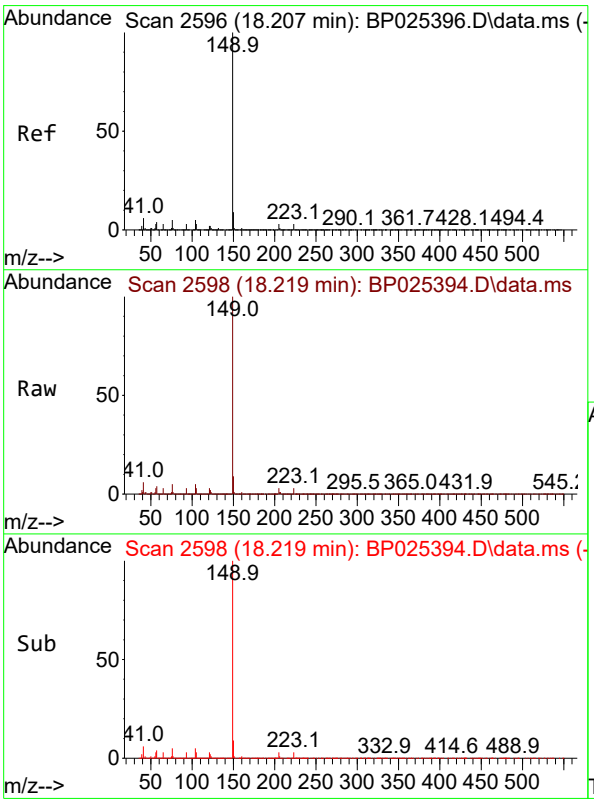
Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.5	26.3
139	13.6	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

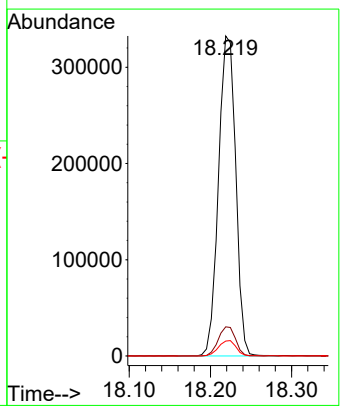
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

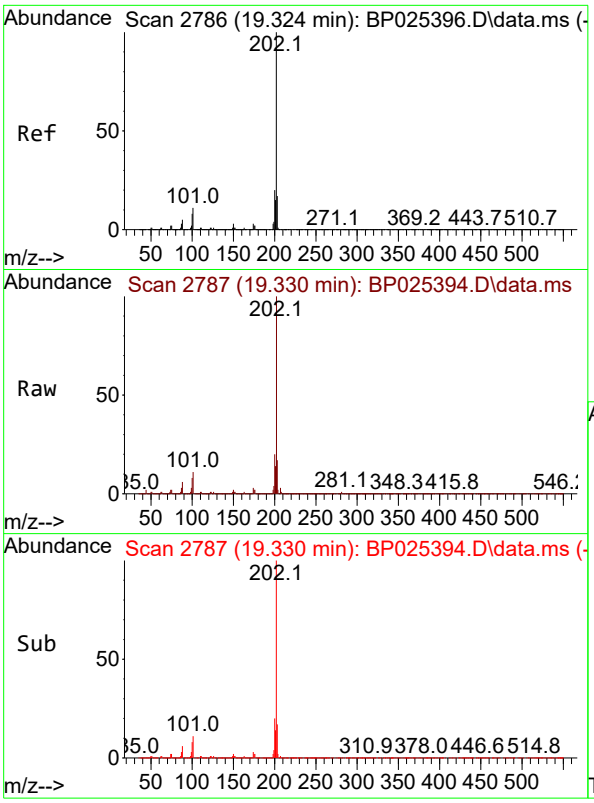


#74
Di-n-butylphthalate
Concen: 9.656 ng
RT: 18.219 min Scan# 2598
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:149 Resp: 490232

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.7	4.2	6.2





#75
Fluoranthene
Concen: 10.094 ng
RT: 19.330 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

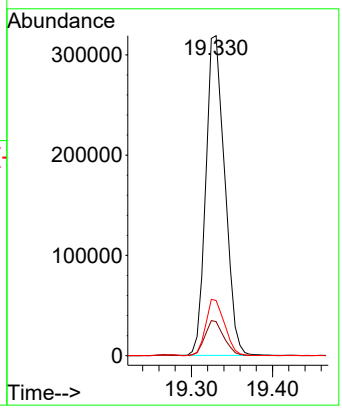
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

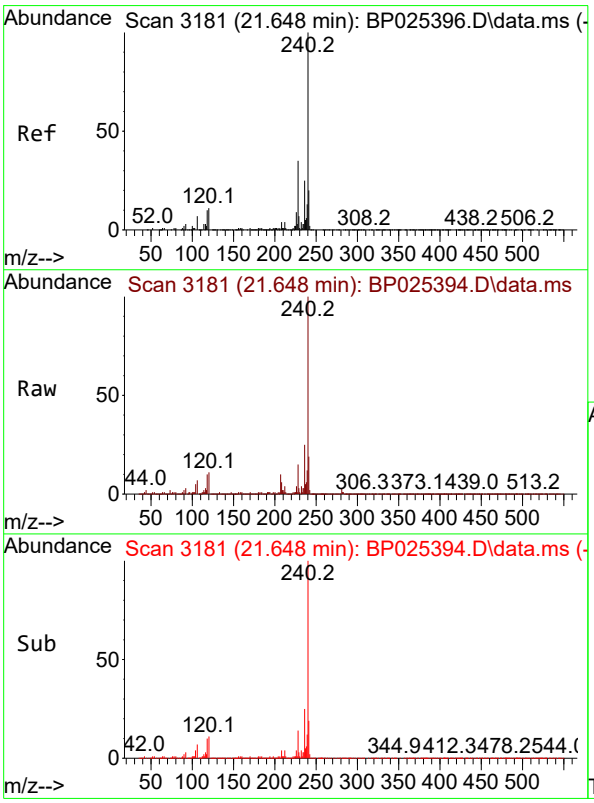
Tgt Ion:202 Resp: 51652

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.1
203	17.2	0.0	37.3

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

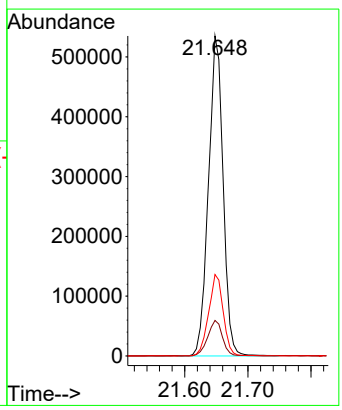


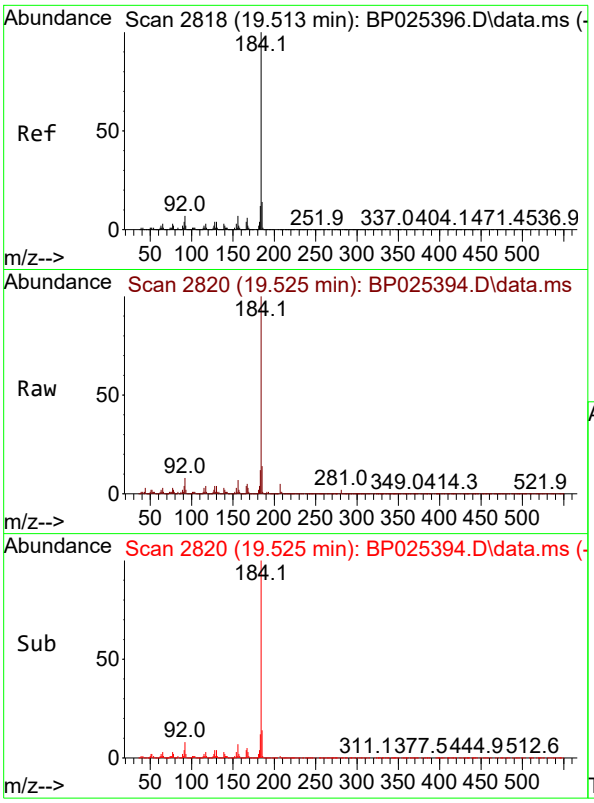


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:240 Resp: 860386

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.9	13.3
236	25.5	19.8	29.8

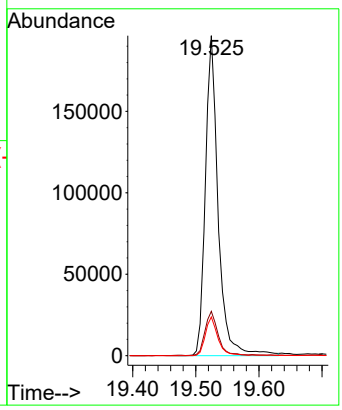




#77
Benzidine
Concen: 9.406 ng
RT: 19.525 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:184 Resp: 27619

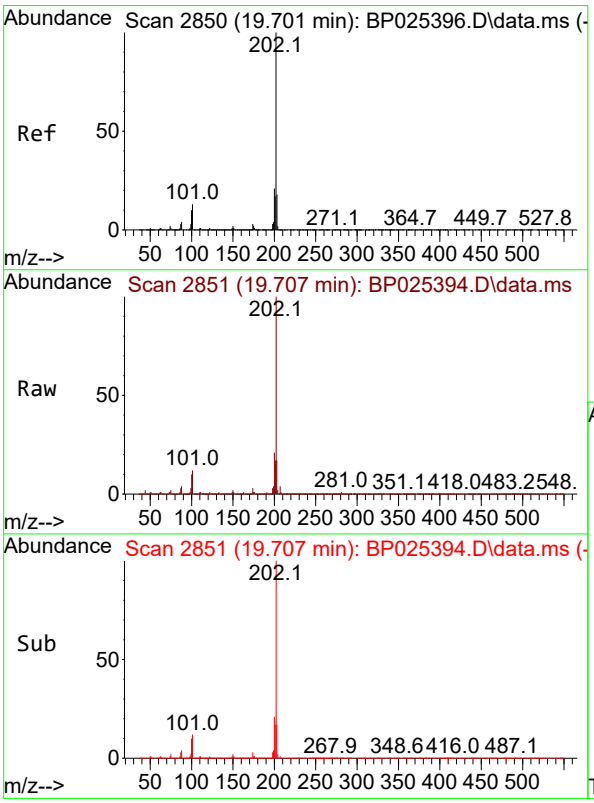
Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.5	17.3
183	12.1	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

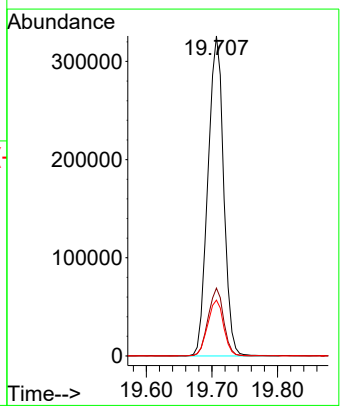
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

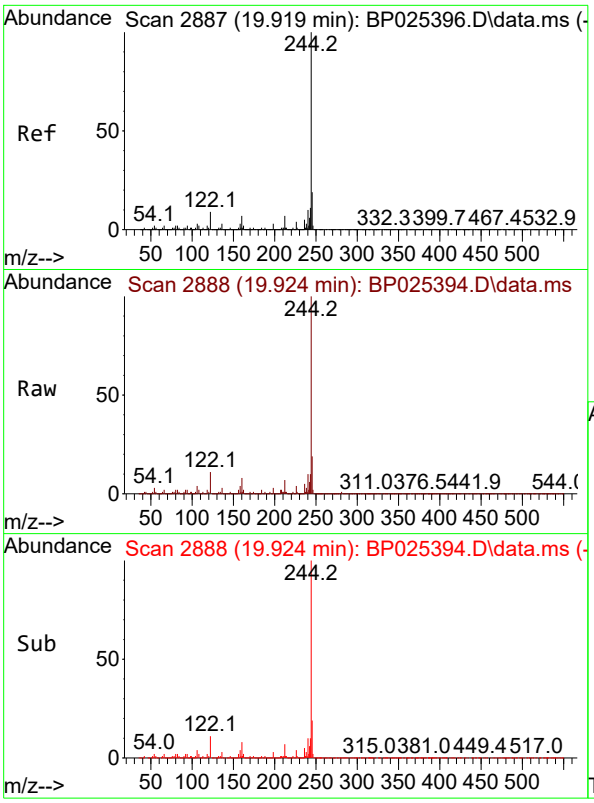


#78
Pyrene
Concen: 9.704 ng
RT: 19.707 min Scan# 2851
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:202 Resp: 542670

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.5	14.2	21.2

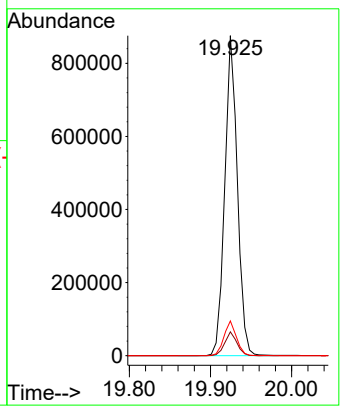




#79
Terphenyl-d14
Concen: 20.125 ng
RT: 19.924 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:244 Resp: 94642

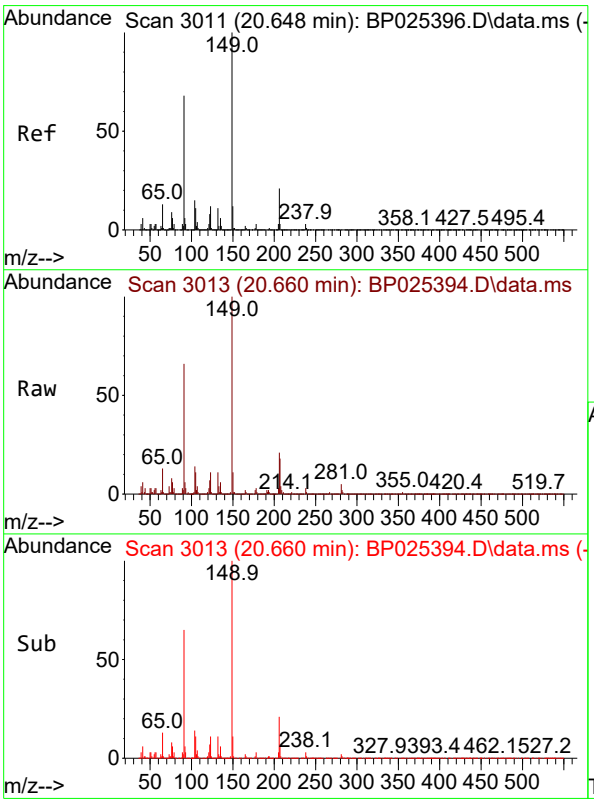
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	10.9	7.4	11.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

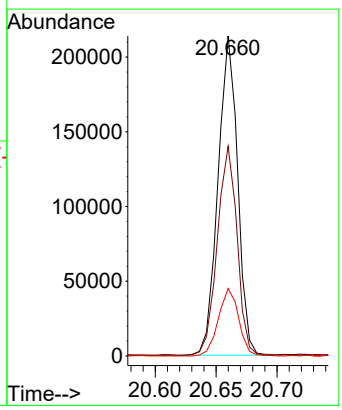
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

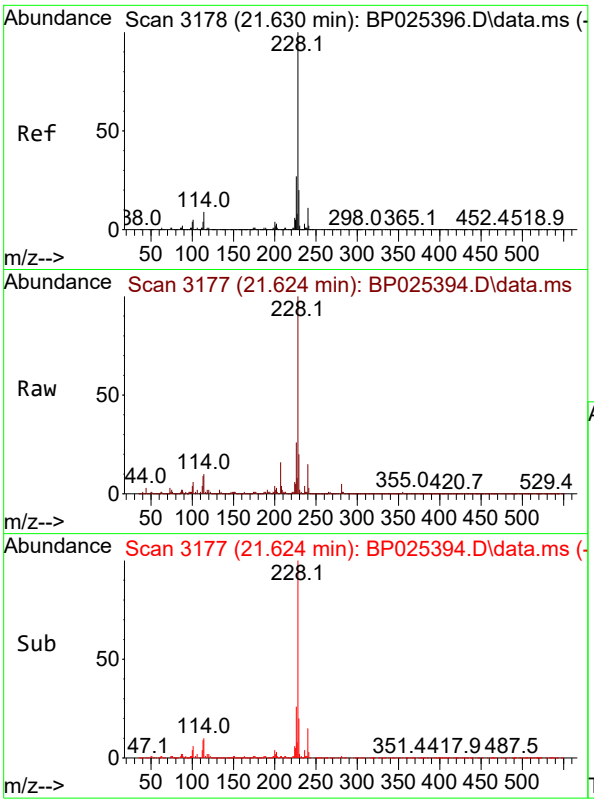


#80
Butylbenzylphthalate
Concen: 9.446 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:149 Resp: 239416

Ion	Ratio	Lower	Upper
149	100		
91	65.5	54.2	81.2
206	21.1	16.6	24.8

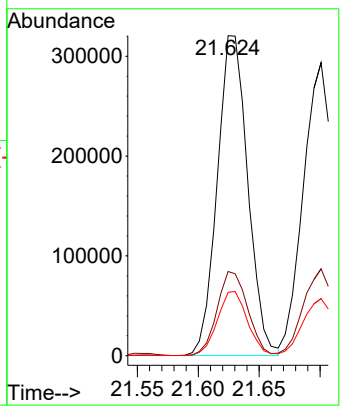




#81
Benzo(a)anthracene
Concen: 9.874 ng
RT: 21.624 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:228 Resp: 56027

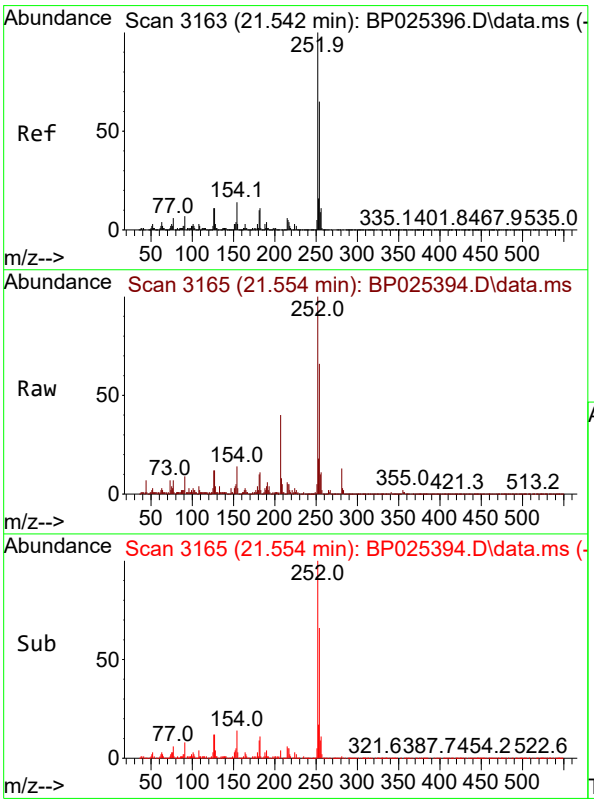
Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.7	32.5
229	19.8	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

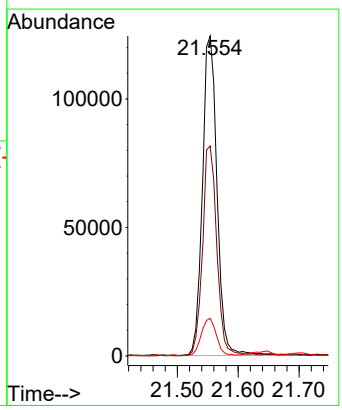
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

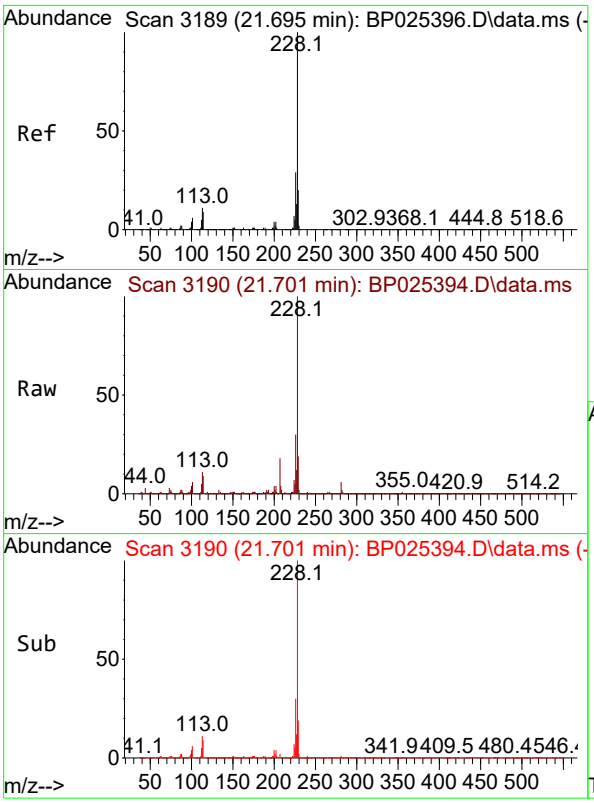


#82
3,3'-Dichlorobenzidine
Concen: 9.686 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

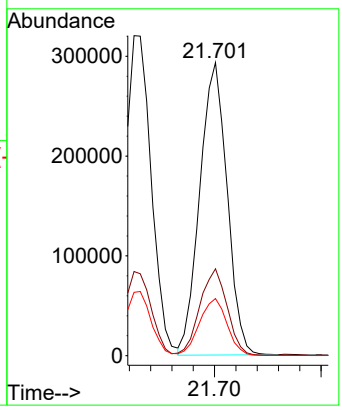




#83
Chrysene
Concen: 9.831 ng
RT: 21.701 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:228 Resp: 52241

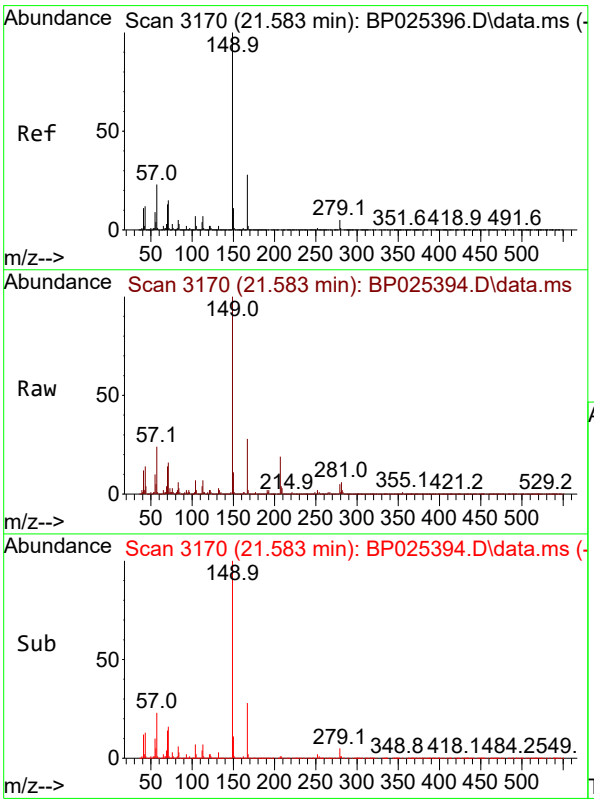
Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.2	34.8
229	19.5	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

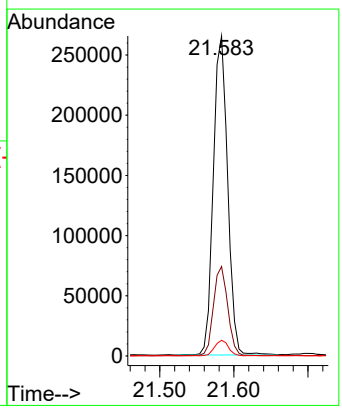
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

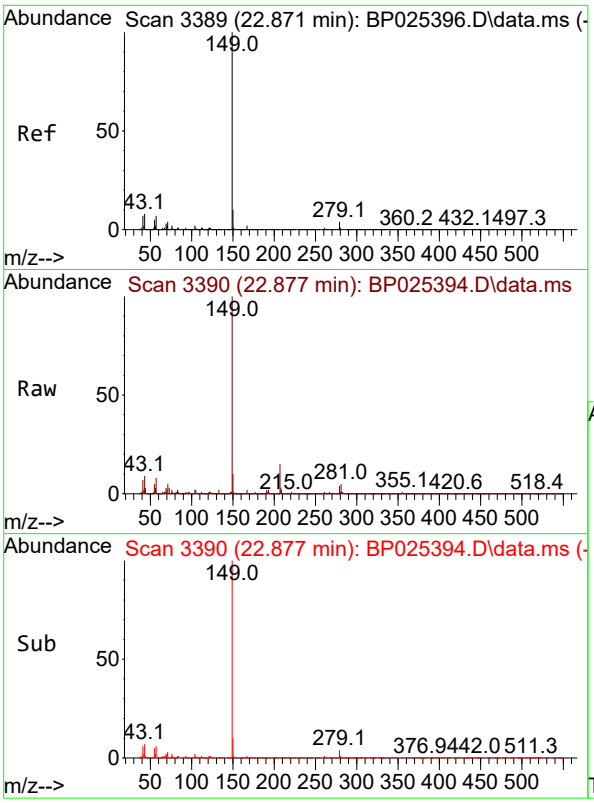


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.529 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

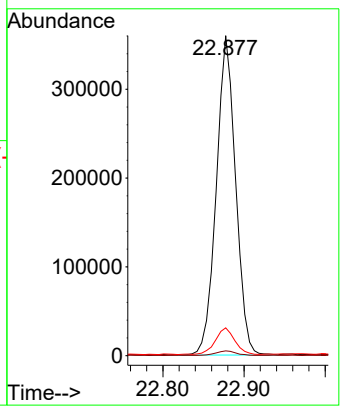




#85
Di-n-octyl phthalate
Concen: 9.259 ng
RT: 22.877 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:149 Resp: 59419

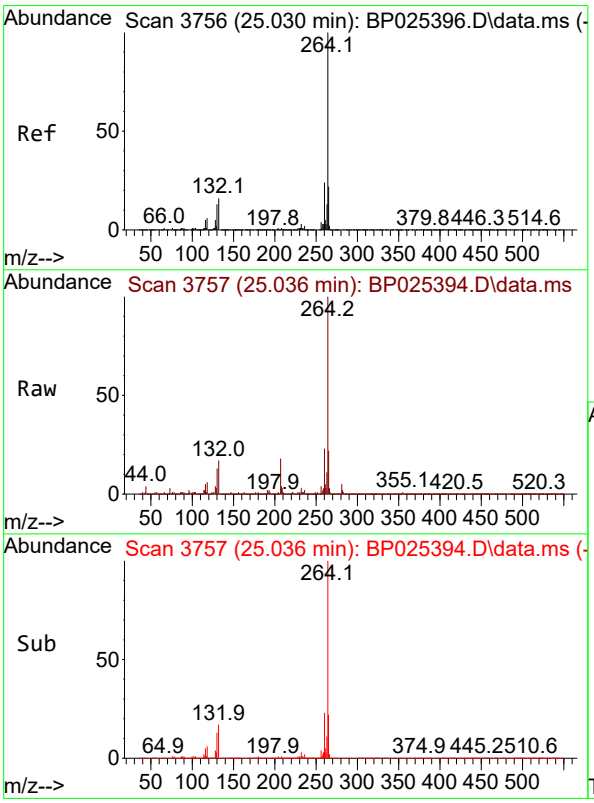
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.4	6.3	9.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

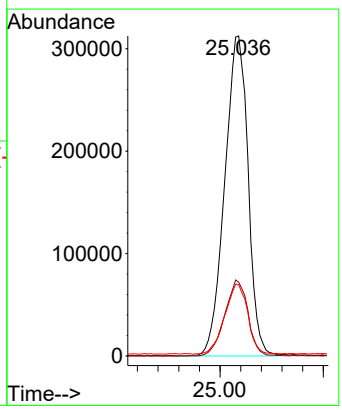
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

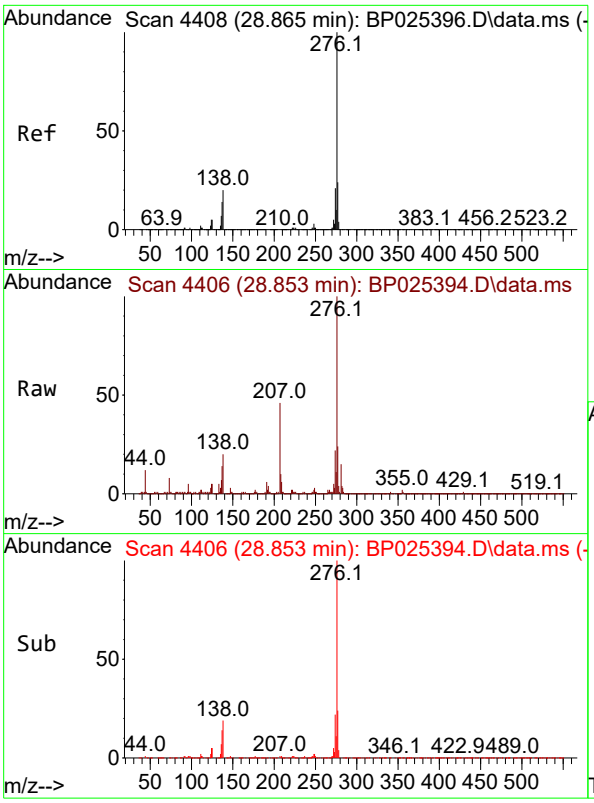


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

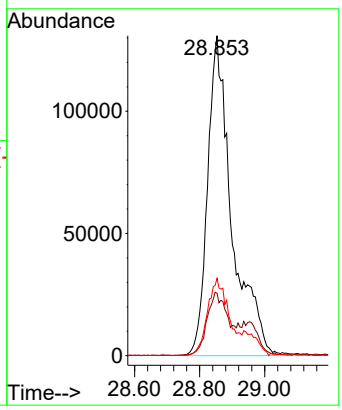




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.438 ng m
RT: 28.853 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:276 Resp: 67898

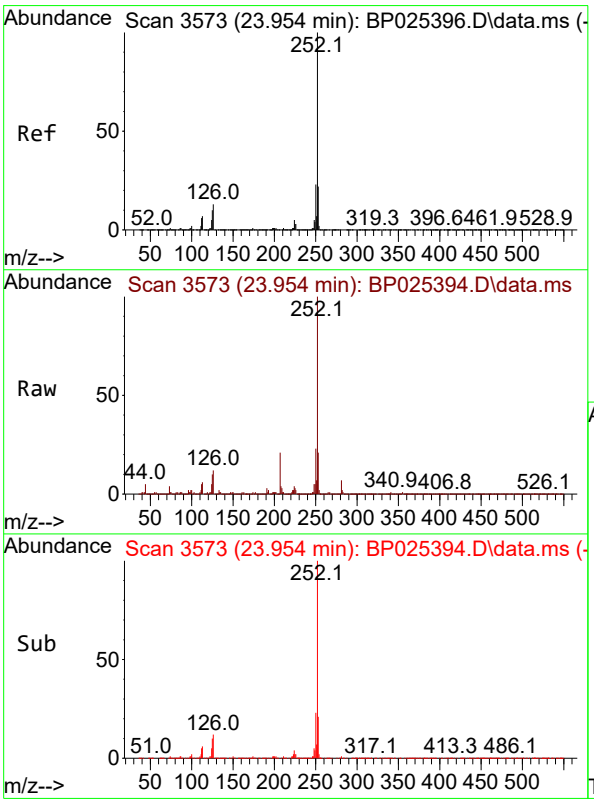
Ion	Ratio	Lower	Upper
276	100		
138	16.7	12.9	19.3
277	21.1	17.0	25.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

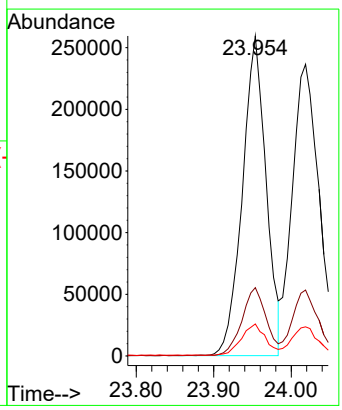
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

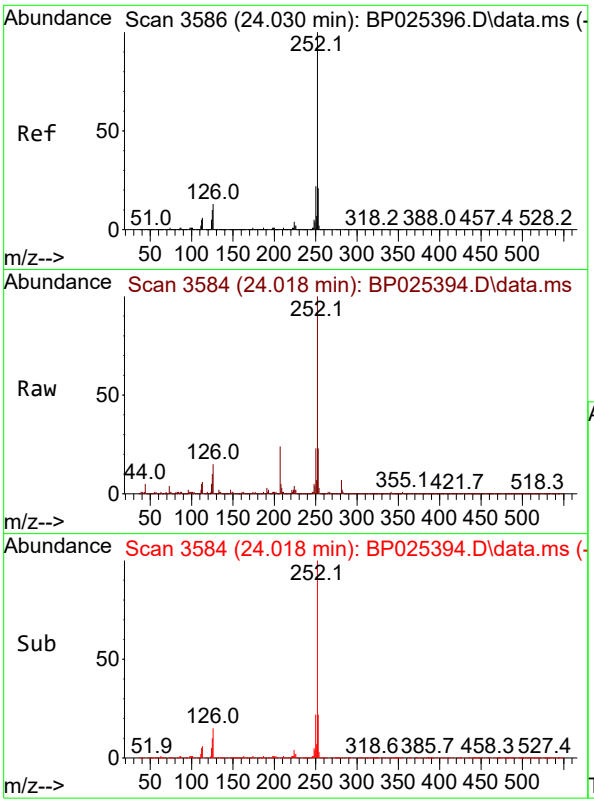


#88
Benzo(b)fluoranthene
Concen: 9.549 ng
RT: 23.954 min Scan# 3573
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

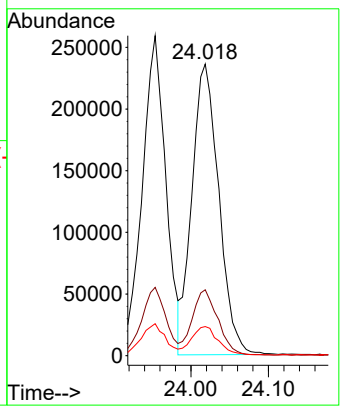




#89
Benzo(k)fluoranthene
Concen: 9.800 ng
RT: 24.018 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:252 Resp: 56708

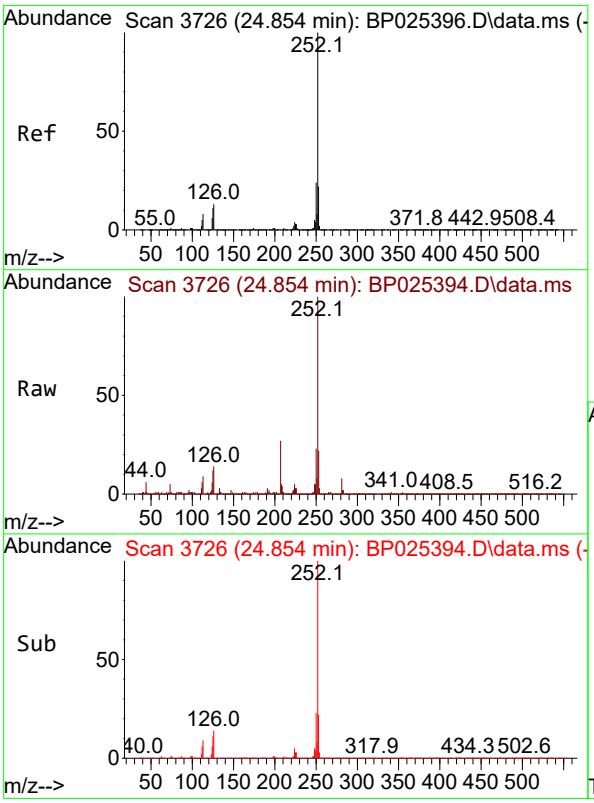
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	10.0	7.8	11.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

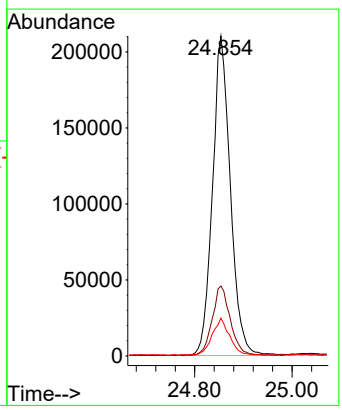
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

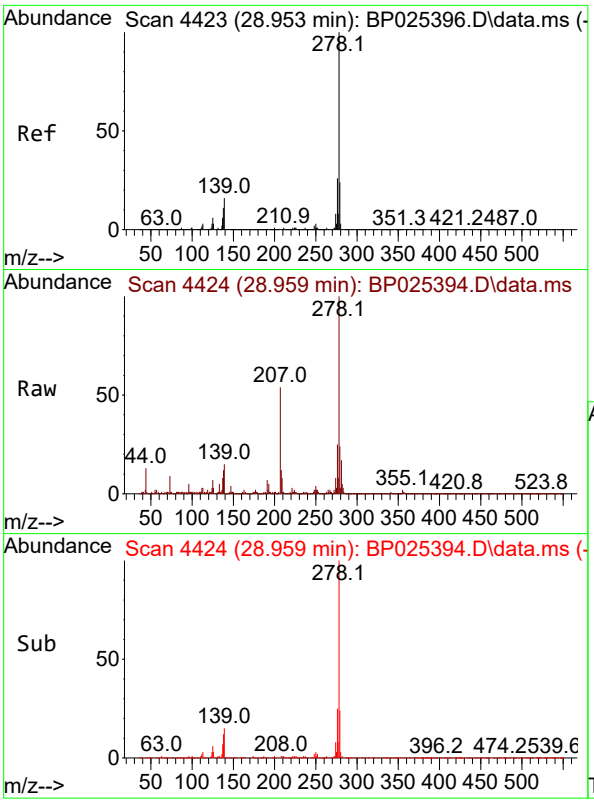


#90
Benzo(a)pyrene
Concen: 9.519 ng
RT: 24.854 min Scan# 3726
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:252 Resp: 535820

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	11.8	8.7	13.1

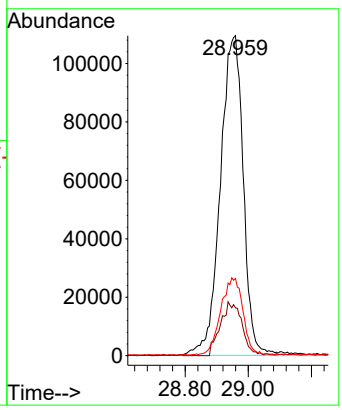




#91
Dibenzo(a,h)anthracene
Concen: 9.387 ng
RT: 28.959 min Scan# 44
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:278 Resp: 55169

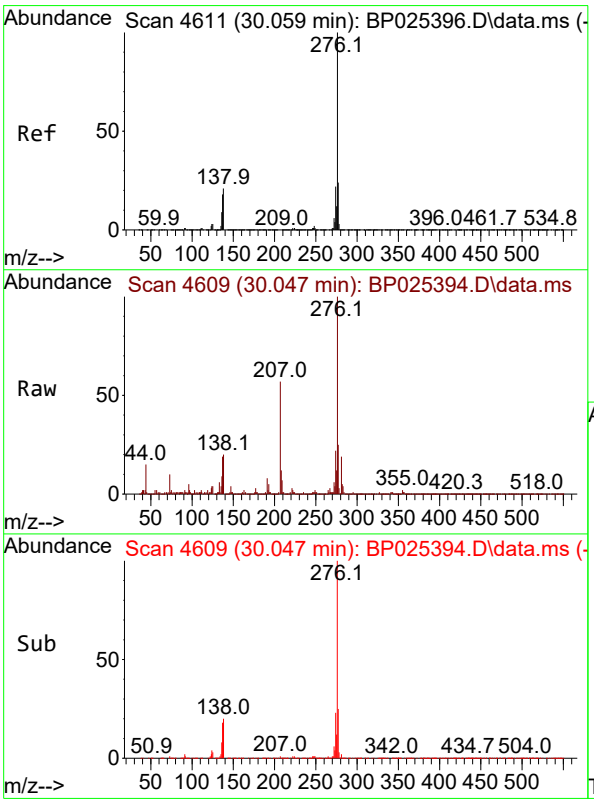
Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.0	19.4
279	24.2	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

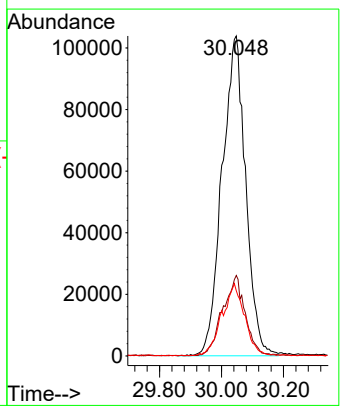
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 9.489 ng
RT: 30.047 min Scan# 4609
Delta R.T. -0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:276 Resp: 548117

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.4	29.0
138	20.4	16.7	25.1



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	141721	20.000	ng		0.00
21) Naphthalene-d8	10.560	136	603797	20.000	ng		0.00
39) Acenaphthene-d10	14.413	164	399034	20.000	ng		0.00
64) Phenanthrene-d10	17.213	188	785736	20.000	ng		0.01
76) Chrysene-d12	21.654	240	852065	20.000	ng		0.00
86) Perylene-d12	25.036	264	958651	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	338568	39.674	ng		0.00
7) Phenol-d6	6.966	99	434388	39.702	ng		0.00
23) Nitrobenzene-d5	8.931	82	473937	39.706	ng		0.00
42) 2,4,6-Tribromophenol	15.925	330	212968	39.651	ng		0.01
45) 2-Fluorobiphenyl	13.025	172	1203064	41.205	ng		0.00
79) Terphenyl-d14	19.930	244	1869951	40.152	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	67276	20.126	ng		99
3) Pyridine	3.731	79	177948	19.450	ng		98
4) n-Nitrosodimethylamine	3.637	42	72627	19.255	ng	#	96
6) Aniline	7.125	93	287645	19.513	ng		99
8) 2-Chlorophenol	7.366	128	190858	19.819	ng		99
9) Benzaldehyde	6.937	77	135464	17.672	ng		99
10) Phenol	6.990	94	228580	19.910	ng		98
11) bis(2-Chloroethyl)ether	7.219	93	180390	20.159	ng		98
12) 1,3-Dichlorobenzene	7.684	146	213023	20.061	ng		99
13) 1,4-Dichlorobenzene	7.825	146	216400	19.938	ng		99
14) 1,2-Dichlorobenzene	8.143	146	211243	20.106	ng		99
15) Benzyl Alcohol	8.019	79	170736	19.640	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.307	45	242616	20.240	ng		99
17) 2-Methylphenol	8.225	107	159119	19.956	ng		98
18) Hexachloroethane	8.866	117	78205	19.597	ng		94
19) n-Nitroso-di-n-propyla...	8.584	70	149715	20.633	ng		97
20) 3+4-Methylphenols	8.543	107	217240	19.655	ng		98
22) Acetophenone	8.596	105	305812	20.196	ng		99
24) Nitrobenzene	8.972	77	210234	19.708	ng		100
25) Isophorone	9.496	82	422370	19.995	ng		99
26) 2-Nitrophenol	9.678	139	106805	19.509	ng		98
27) 2,4-Dimethylphenol	9.743	122	178534	18.963	ng		99
28) bis(2-Chloroethoxy)met...	9.972	93	256656	20.100	ng		99
29) 2,4-Dichlorophenol	10.207	162	186076	19.896	ng		99
30) 1,2,4-Trichlorobenzene	10.425	180	201995	19.702	ng		98
31) Naphthalene	10.613	128	625899	19.944	ng		99
32) Benzoic acid	9.843	122	124836m	18.004	ng		
33) 4-Chloroaniline	10.713	127	270158	19.489	ng		99
34) Hexachlorobutadiene	10.901	225	127593	19.983	ng		99
35) Caprolactam	11.484	113	66168	19.294	ng		95
36) 4-Chloro-3-methylphenol	11.837	107	209817	19.551	ng		97
37) 2-Methylnaphthalene	12.219	142	409613	20.057	ng		99
38) 1-Methylnaphthalene	12.443	142	430666	19.829	ng		100
40) 1,2,4,5-Tetrachloroben...	12.590	216	233523	20.263	ng		99
41) Hexachlorocyclopentadiene	12.572	237	124759	17.922	ng		98
43) 2,4,6-Trichlorophenol	12.831	196	152031	19.540	ng		99

ICAL Form

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	169197	19.842	ng	98
46) 1,1'-Biphenyl	13.237	154	581464	20.064	ng	100
47) 2-Chloronaphthalene	13.272	162	456552	20.237	ng	98
48) 2-Nitroaniline	13.478	65	126433	19.233	ng	99
49) Acenaphthylene	14.137	152	737527	19.756	ng	99
50) Dimethylphthalate	13.866	163	573661	19.632	ng	100
51) 2,6-Dinitrotoluene	13.966	165	120693	19.597	ng	96
52) Acenaphthene	14.484	154	438852m	20.027	ng	
53) 3-Nitroaniline	14.301	138	134502	19.410	ng	97
54) 2,4-Dinitrophenol	14.519	184	55713	16.939	ng	98
55) Dibenzofuran	14.819	168	692966	20.002	ng	99
56) 4-Nitrophenol	14.619	139	105787	18.578	ng	98
57) 2,4-Dinitrotoluene	14.772	165	172020	19.576	ng	96
58) Fluorene	15.478	166	554647	20.289	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.048	232	145926	19.381	ng	99
60) Diethylphthalate	15.248	149	584590	19.689	ng	99
61) 4-Chlorophenyl-phenyle...	15.472	204	270949	19.929	ng	98
62) 4-Nitroaniline	15.478	138	139202	19.595	ng	100
63) Azobenzene	15.766	77	508563	20.004	ng	100
65) 4,6-Dinitro-2-methylph...	15.548	198	88992	18.169	ng	97
66) n-Nitrosodiphenylamine	15.684	169	477080	19.911	ng	99
67) 4-Bromophenyl-phenylether	16.389	248	170738	19.758	ng	97
68) Hexachlorobenzene	16.495	284	199410	19.906	ng	99
69) Atrazine	16.666	200	179513	20.006	ng	99
70) Pentachlorophenol	16.848	266	120958	19.128	ng	99
71) Phenanthrene	17.254	178	872890	20.223	ng	99
72) Anthracene	17.342	178	890292	20.198	ng	100
73) Carbazole	17.625	167	843970	20.328	ng	99
74) Di-n-butylphthalate	18.219	149	1046709	20.491	ng	100
75) Fluoranthene	19.342	202	1058912	20.567	ng	99
77) Benzidine	19.525	184	546647	18.799	ng	99
78) Pyrene	19.713	202	1096965	19.807	ng	99
80) Butylbenzylphthalate	20.666	149	504019	20.081	ng	97
81) Benzo(a)anthracene	21.630	228	1118590	19.906	ng	100
82) 3,3'-Dichlorobenzidine	21.548	252	432075	20.399	ng	100
83) Chrysene	21.707	228	1063898	20.216	ng	99
84) Bis(2-ethylhexyl)phtha...	21.577	149	744704	20.155	ng	99
85) Di-n-octyl phthalate	22.871	149	1276798	20.091	ng	100
87) Indeno(1,2,3-cd)pyrene	28.865	276	1380331m	19.627	ng	
88) Benzo(b)fluoranthene	23.948	252	1122408	19.855	ng	100
89) Benzo(k)fluoranthene	24.018	252	1150366	20.336	ng	100
90) Benzo(a)pyrene	24.854	252	1102804	20.041	ng	100
91) Dibenzo(a,h)anthracene	28.965	278	1130209	19.672	ng	98
92) Benzo(g,h,i)perylene	30.053	276	1120307	19.840	ng	99

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

ICAL Form

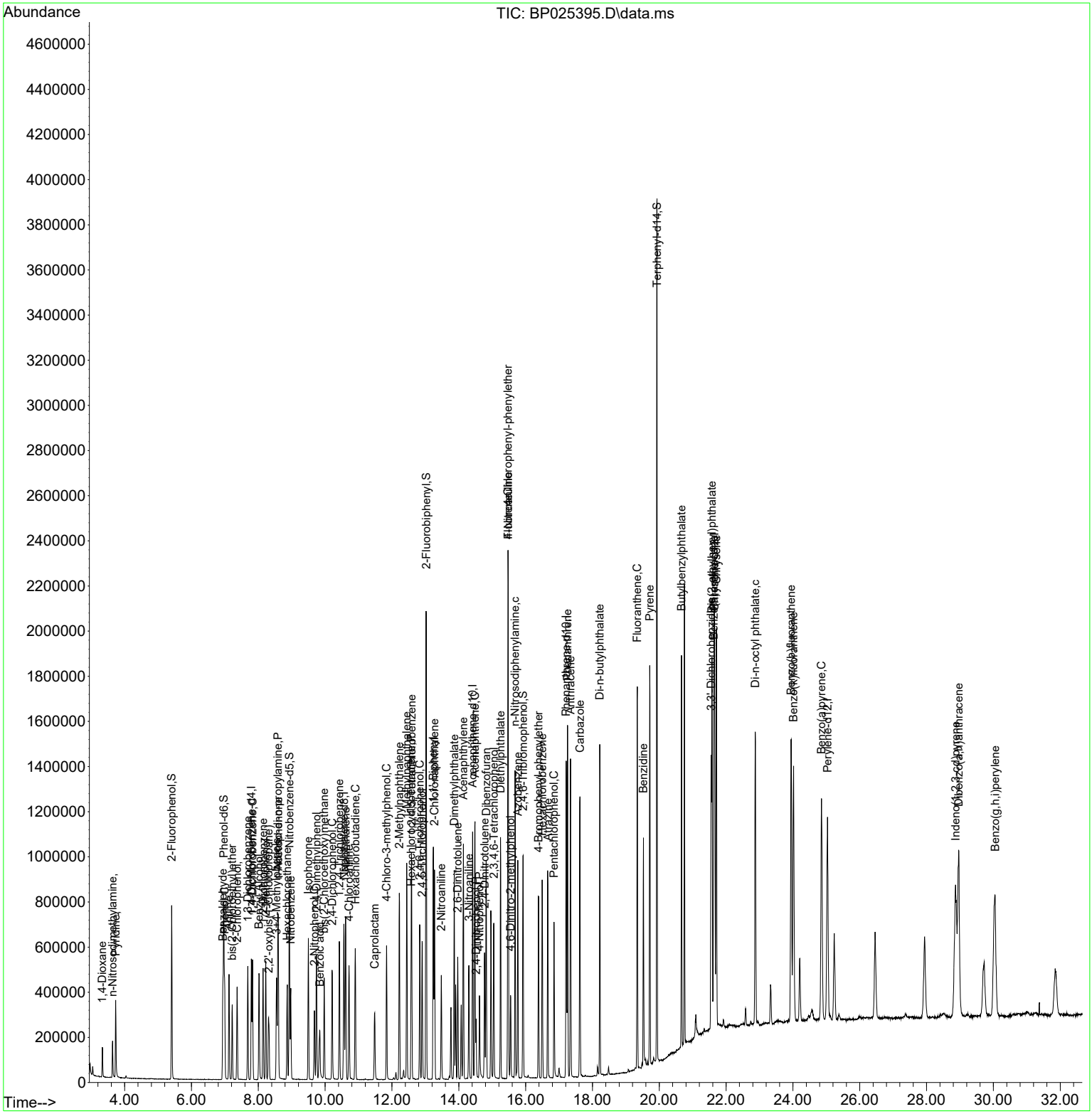
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Data File : BP025395.D
Acq On : 14 Aug 2025 14:38
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

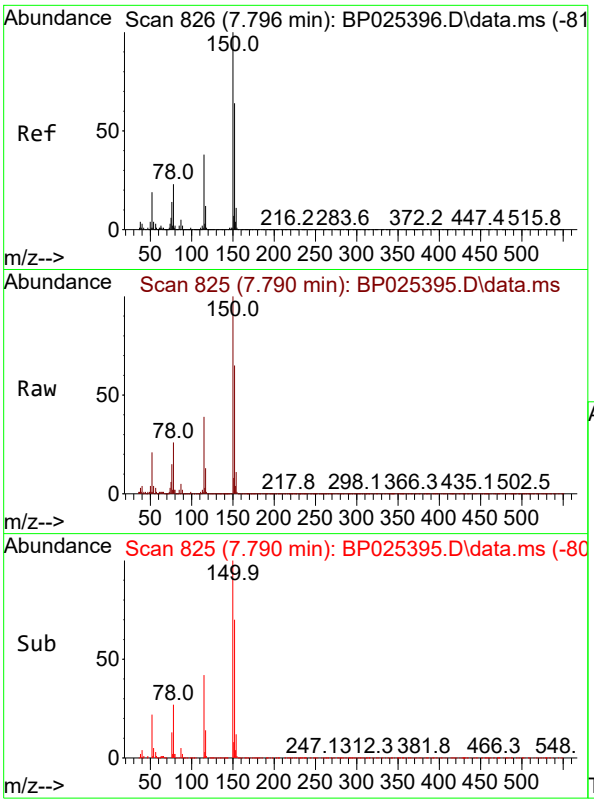
Quant Time: Aug 14 17:54:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

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

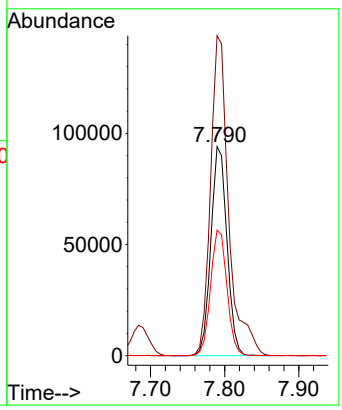




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:152 Resp: 14172

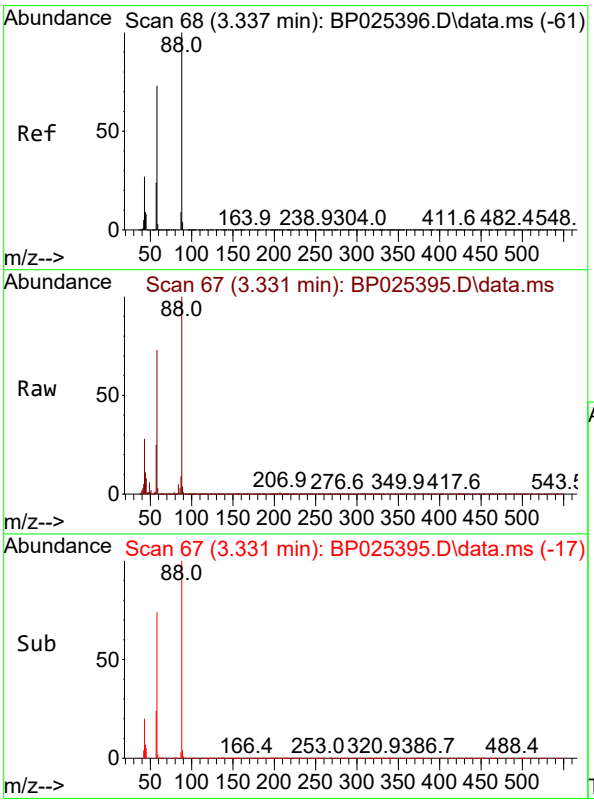
Ion	Ratio	Lower	Upper
152	100		
150	153.0	125.9	188.9
115	60.0	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

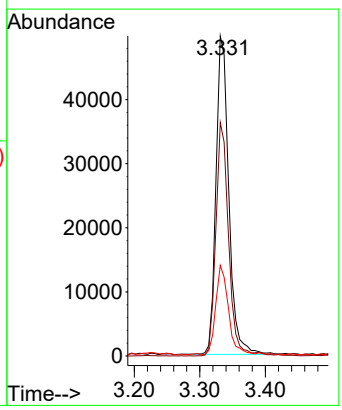
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

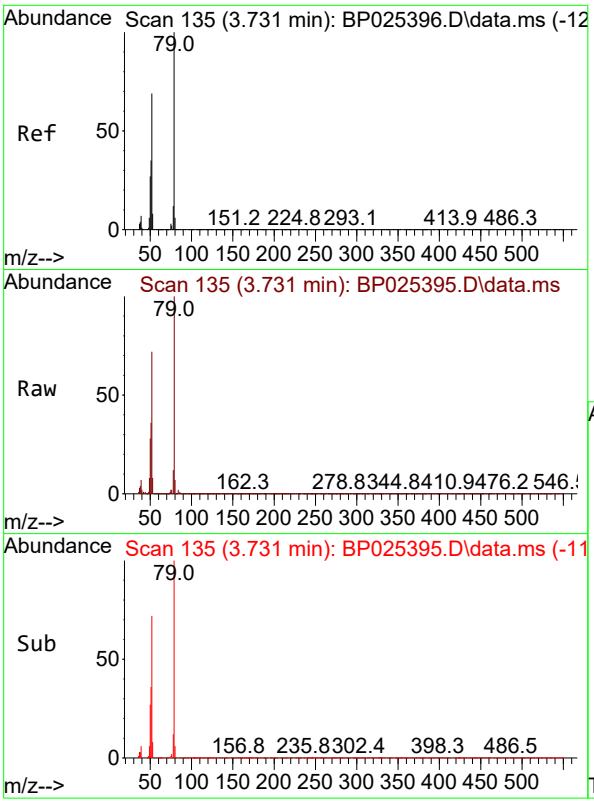


#2
1,4-Dioxane
Concen: 20.126 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 88 Resp: 67276

Ion	Ratio	Lower	Upper
88	100		
58	73.2	59.2	88.8
43	27.9	21.7	32.5

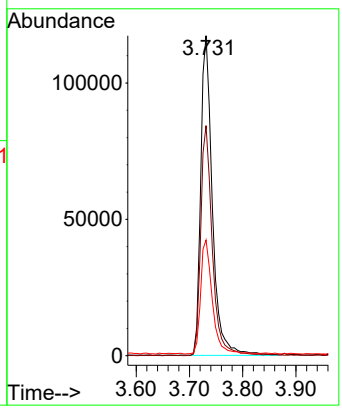




#3
Pyridine
Concen: 19.450 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 79 Resp: 17794

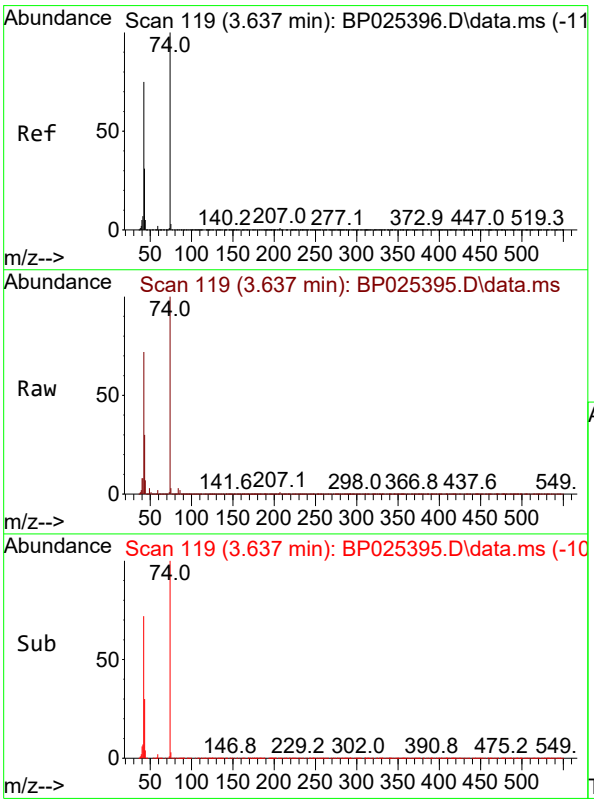
Ion	Ratio	Lower	Upper
79	100		
52	71.9	55.5	83.3
51	36.1	28.3	42.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

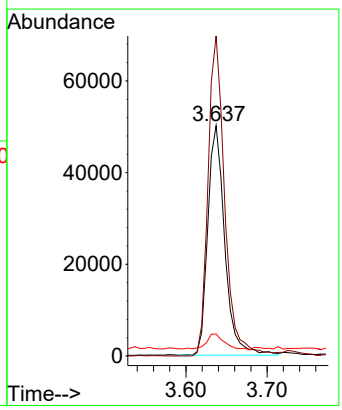
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

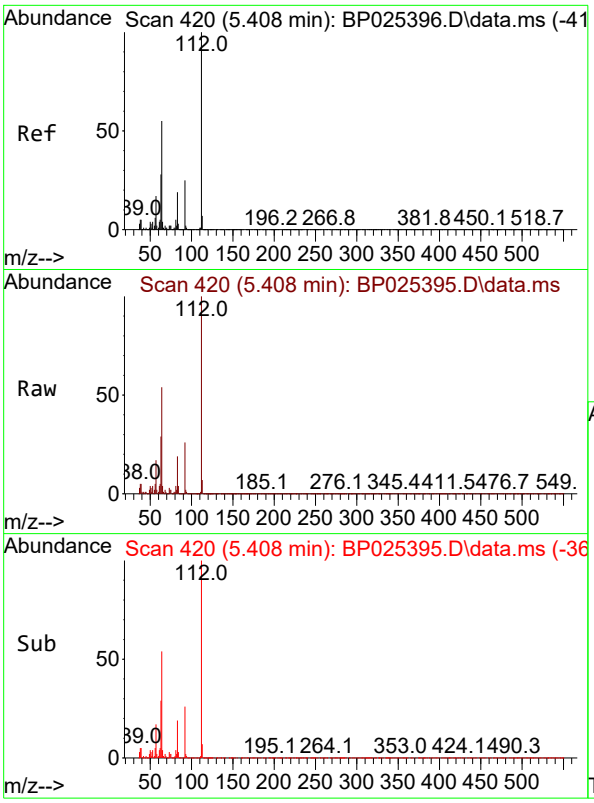


#4
n-Nitrosodimethylamine
Concen: 19.255 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 42 Resp: 72627

Ion	Ratio	Lower	Upper
42	100		
74	138.9	107.0	160.4
44	9.5	6.2	9.4#

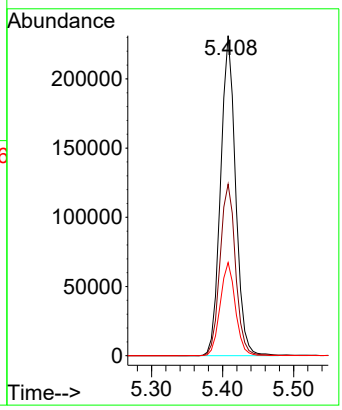




#5
2-Fluorophenol
Concen: 39.674 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:112 Resp: 33856

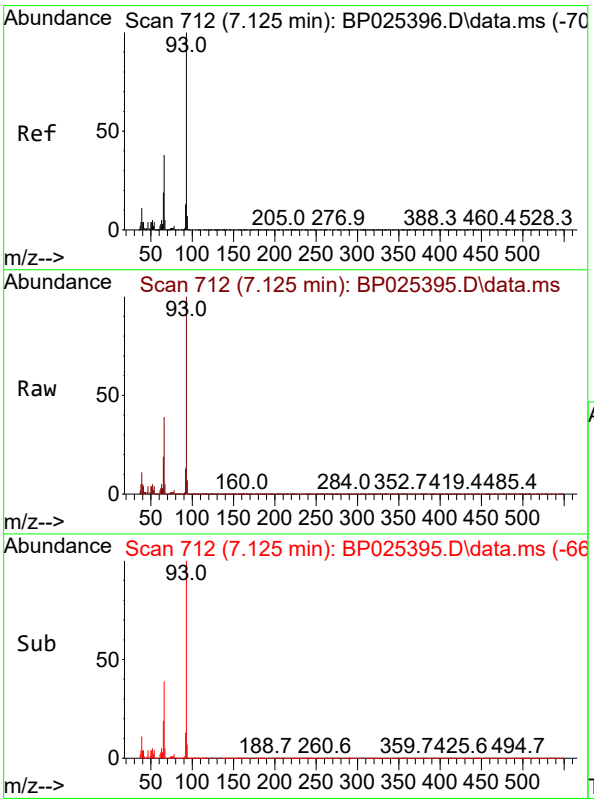
Ion	Ratio	Lower	Upper
112	100		
64	53.6	43.8	65.8
63	29.1	22.7	34.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

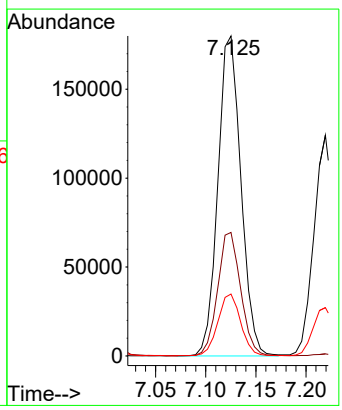
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

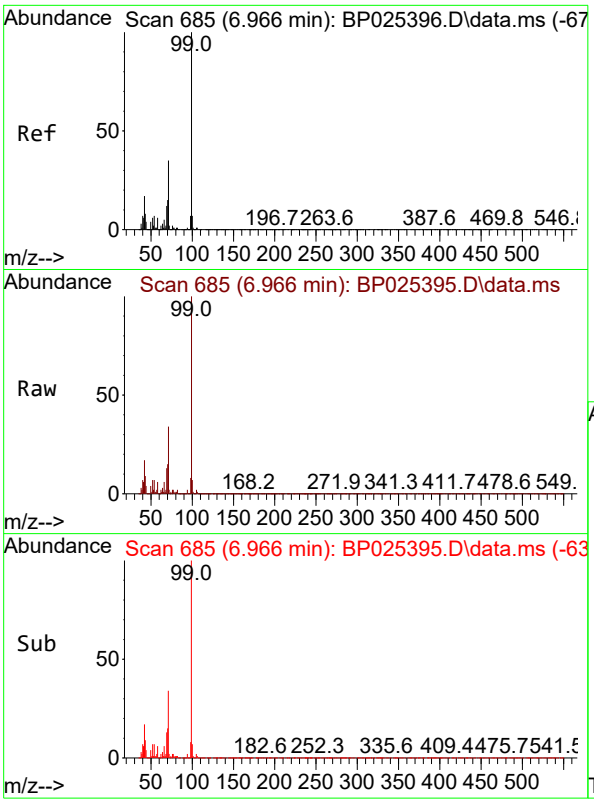


#6
Aniline
Concen: 19.513 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 93 Resp: 287645

Ion	Ratio	Lower	Upper
93	100		
66	38.6	30.4	45.6
65	19.4	15.3	22.9

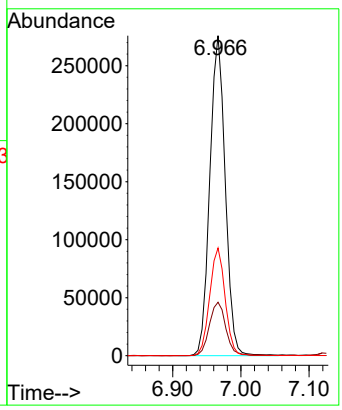




#7
Phenol-d6
Concen: 39.702 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 99 Resp: 43438

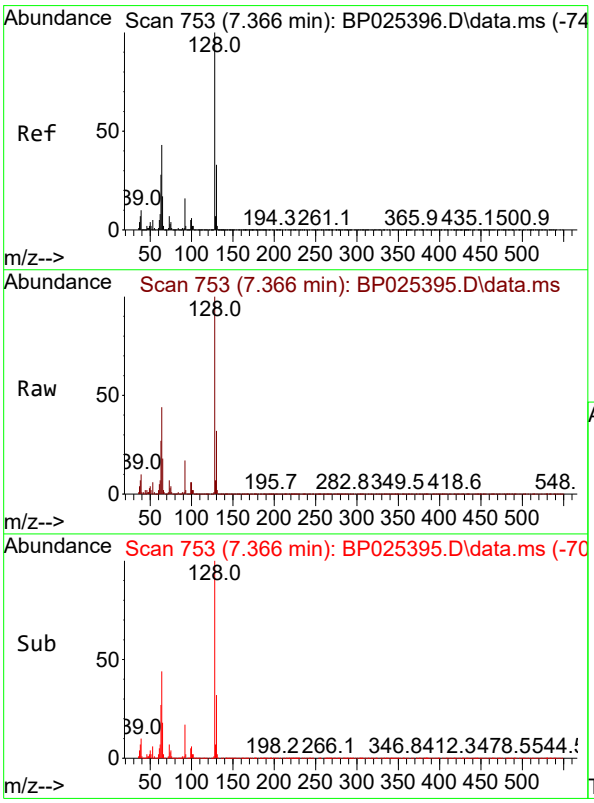
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.7	20.5
71	33.7	28.2	42.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

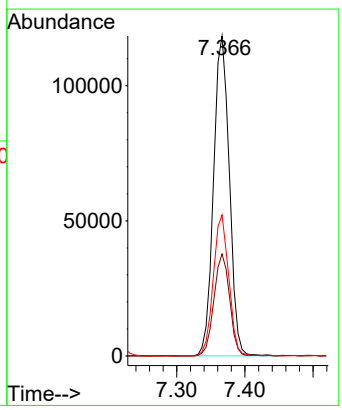
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

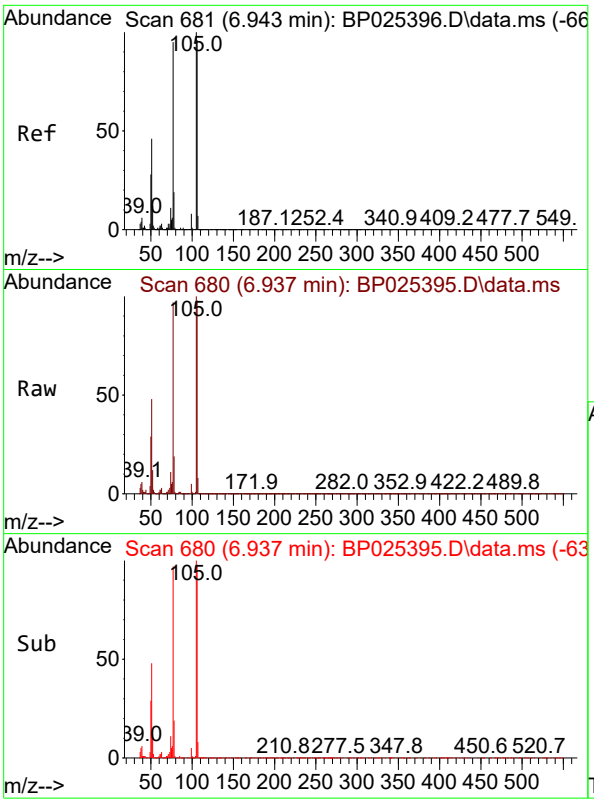


#8
2-Chlorophenol
Concen: 19.819 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:128 Resp: 190858

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.6	52.6
64	44.0	23.4	63.4

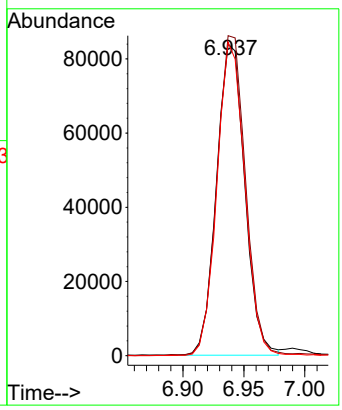




#9
Benzaldehyde
Concen: 17.672 ng
RT: 6.937 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 77 Resp: 13546

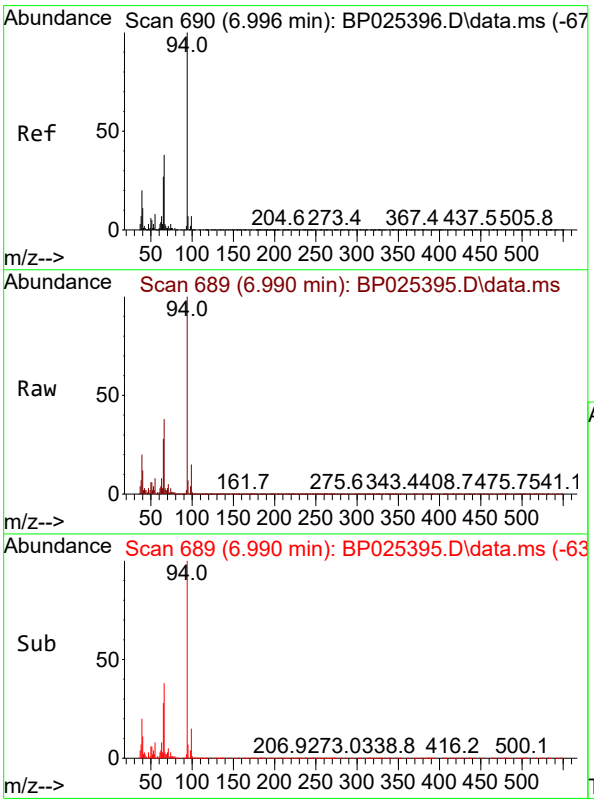
Ion	Ratio	Lower	Upper
77	100		
105	102.7	84.8	124.8
106	100.6	80.5	120.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

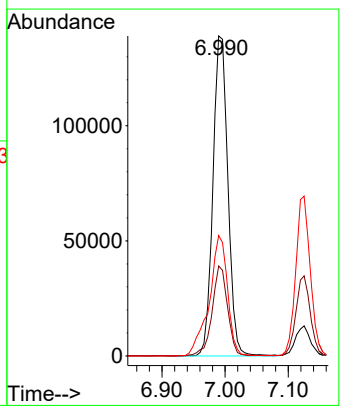
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

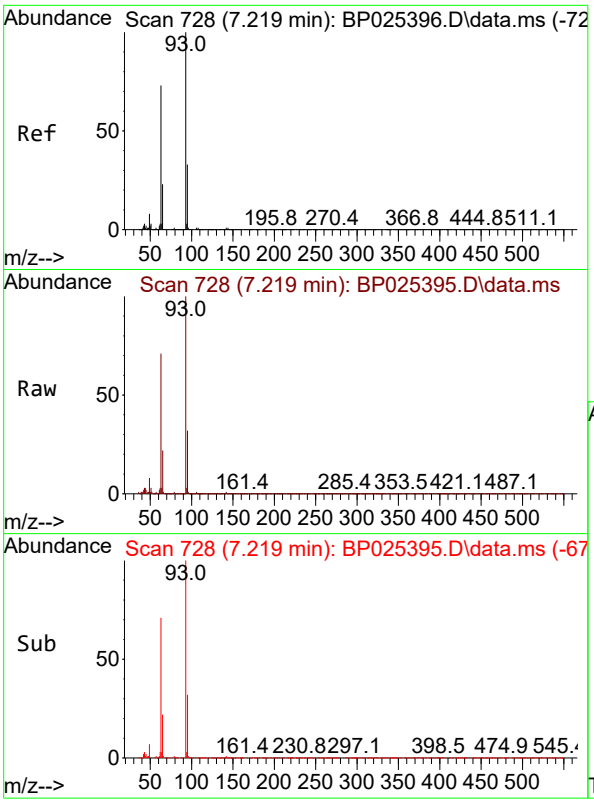


#10
Phenol
Concen: 19.910 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

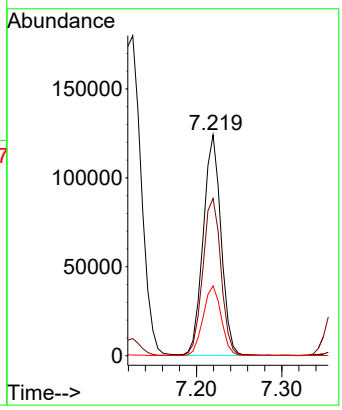




#11
bis(2-Chloroethyl)ether
Concen: 20.159 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 93 Resp: 18039

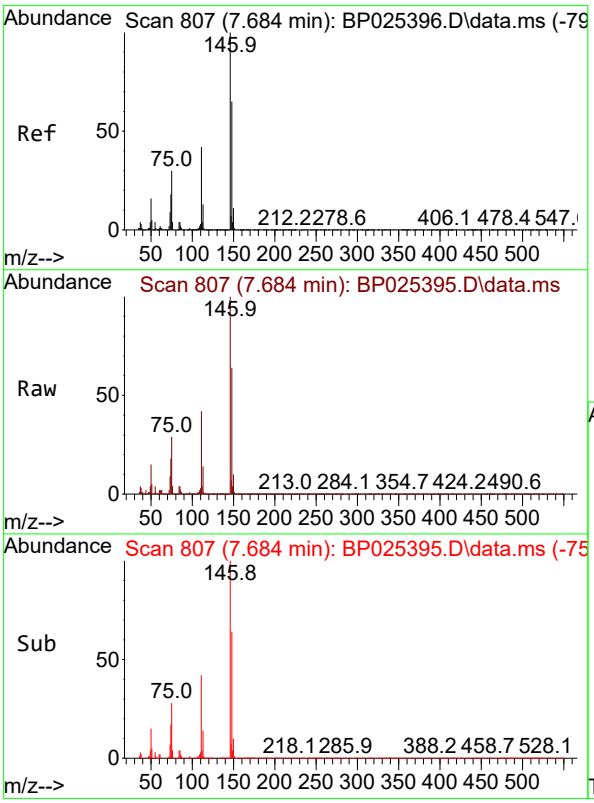
Ion	Ratio	Lower	Upper
93	100		
63	71.2	52.6	92.6
95	31.6	12.7	52.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

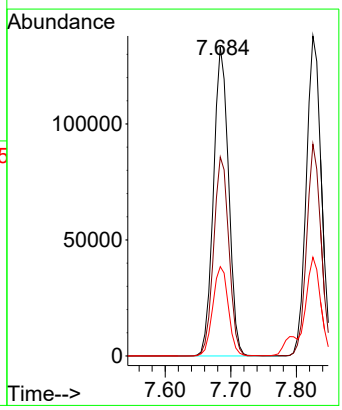
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

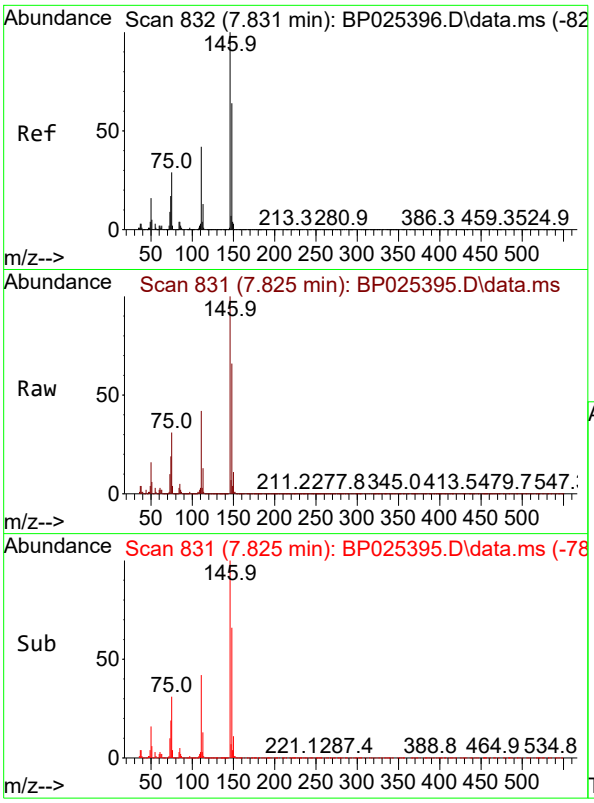


#12
1,3-Dichlorobenzene
Concen: 20.061 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

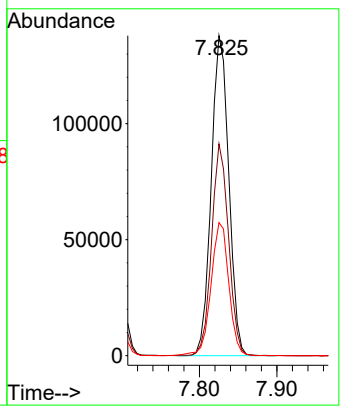




#13
1,4-Dichlorobenzene
Concen: 19.938 ng
RT: 7.825 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:146 Resp: 21640

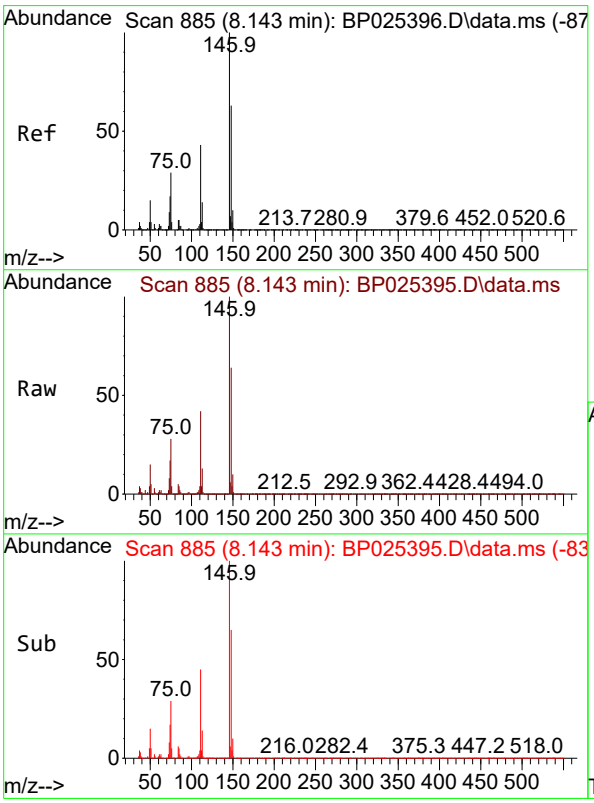
Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.6	77.4
111	41.6	33.4	50.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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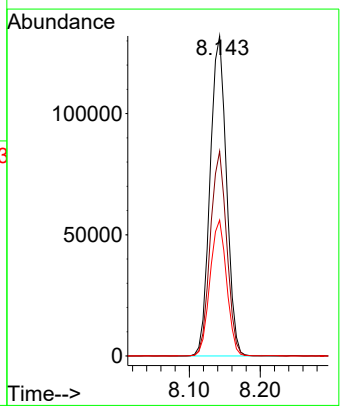
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

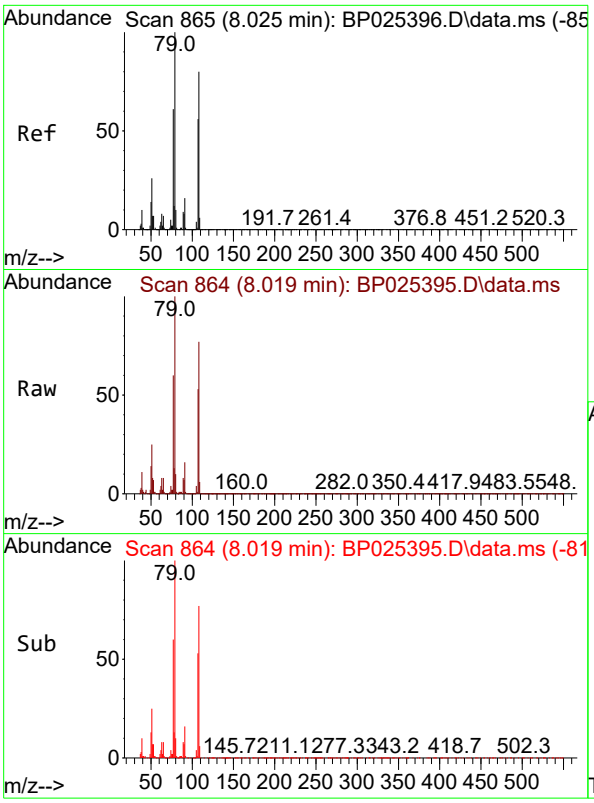


#14
1,2-Dichlorobenzene
Concen: 20.106 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:146 Resp: 211243

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.4	75.6
111	42.4	34.5	51.7

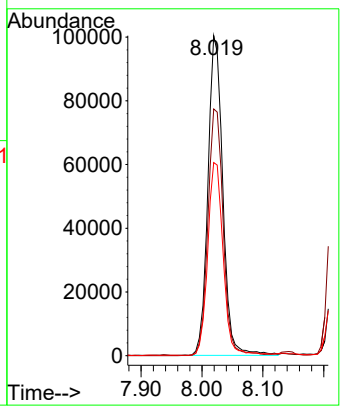




#15
Benzyl Alcohol
Concen: 19.640 ng
RT: 8.019 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 79 Resp: 17073

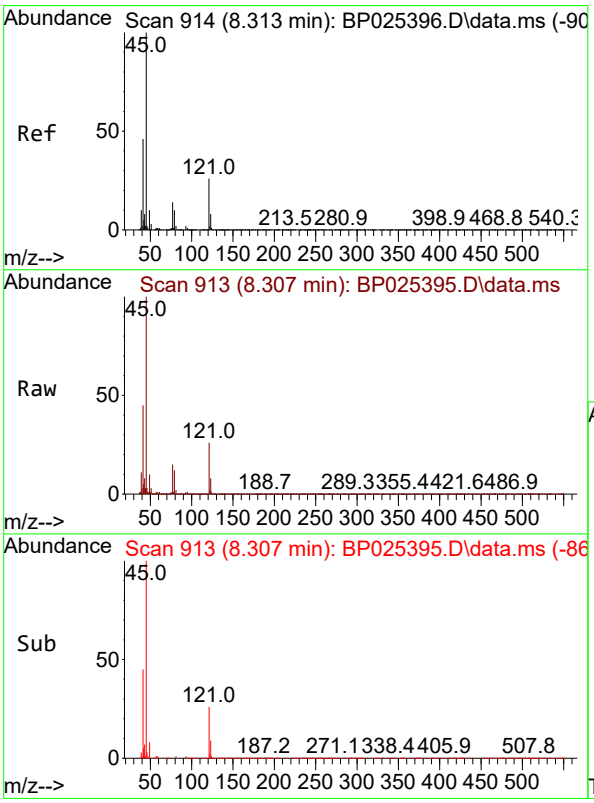
Ion	Ratio	Lower	Upper
79	100		
108	77.1	63.8	95.6
77	60.3	49.0	73.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

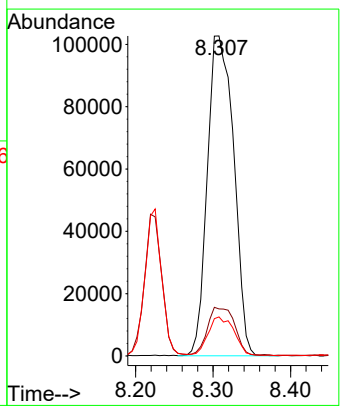
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

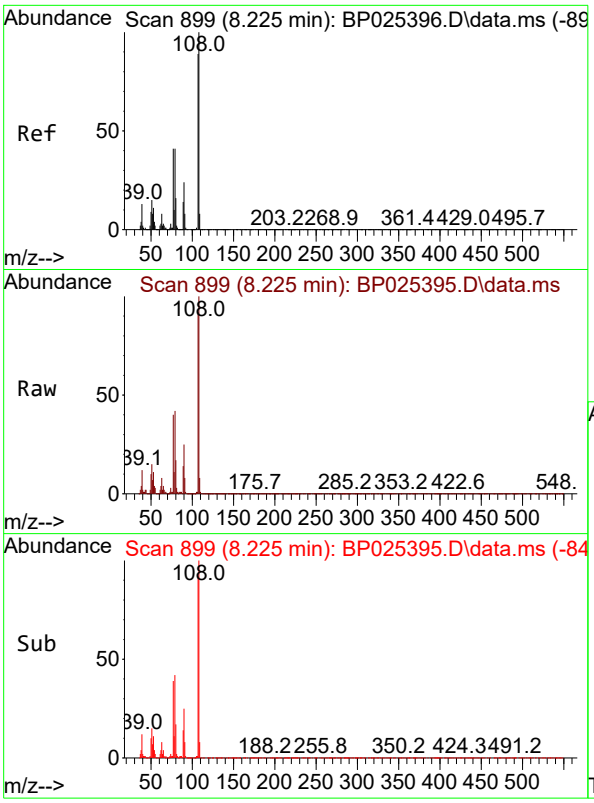


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.240 ng
RT: 8.307 min Scan# 913
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 45 Resp: 242616

Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	35.3
79	12.2	0.0	31.8

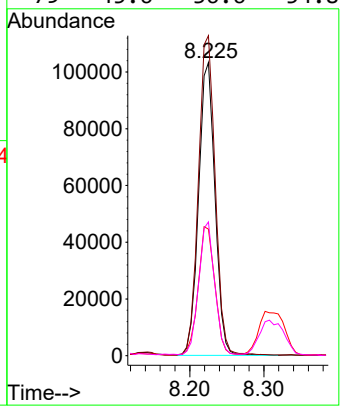




#17
2-Methylphenol
Concen: 19.956 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:107 Resp: 15911

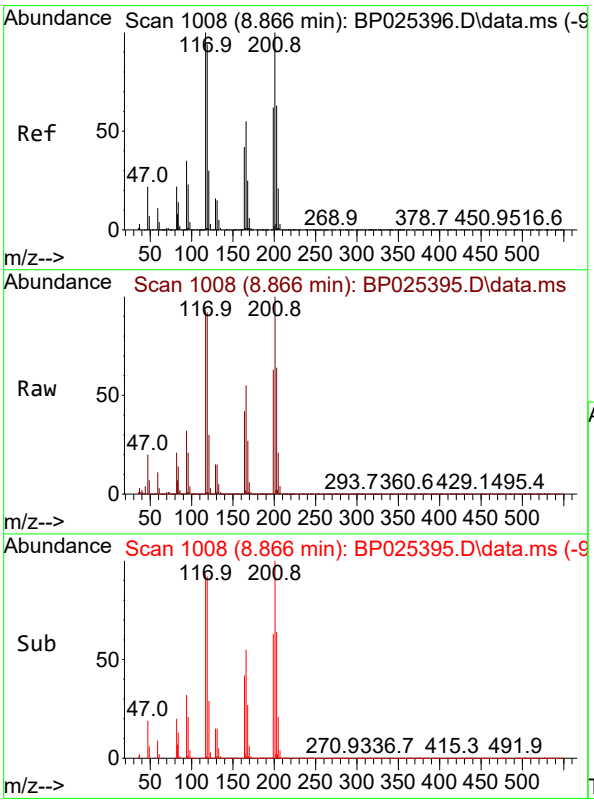
Ion	Ratio	Lower	Upper
107	100		
108	109.2	89.4	134.0
77	43.2	36.3	54.5
79	45.6	36.6	54.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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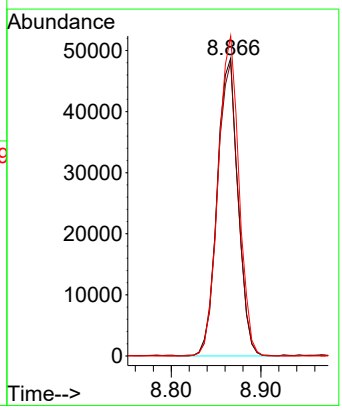
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

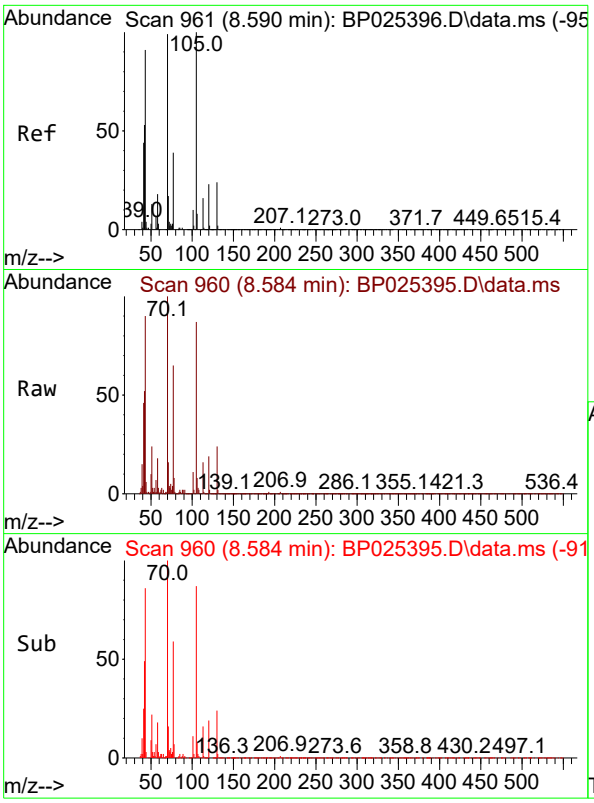


#18
Hexachloroethane
Concen: 19.597 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:117 Resp: 78205

Ion	Ratio	Lower	Upper
117	100		
119	98.8	75.1	112.7
201	107.5	80.1	120.1

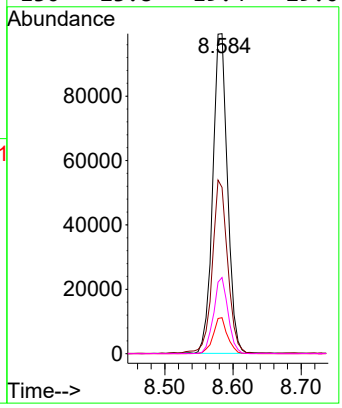




#19
n-Nitroso-di-n-propylamine
Concen: 20.633 ng
RT: 8.584 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 70 Resp: 14971

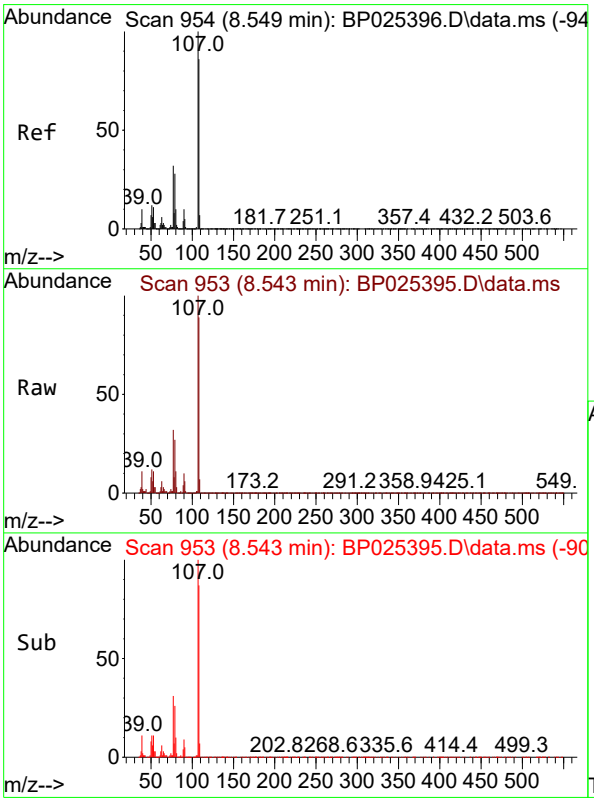
Ion	Ratio	Lower	Upper
70	100		
42	52.0	43.8	65.6
101	11.3	8.5	12.7
130	23.8	19.4	29.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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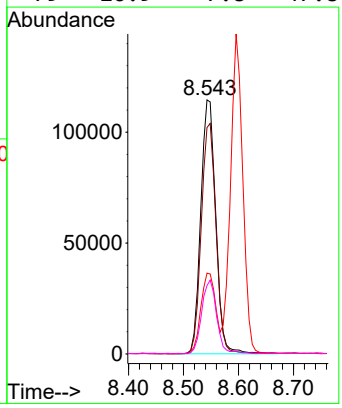
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

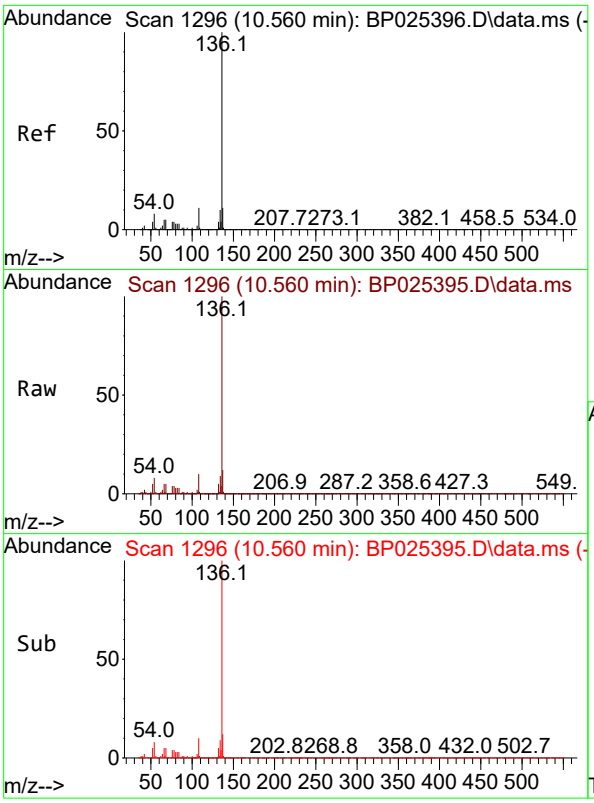


#20
3+4-Methylphenols
Concen: 19.655 ng
RT: 8.543 min Scan# 953
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:107 Resp: 217240

Ion	Ratio	Lower	Upper
107	100		
108	89.1	66.3	106.3
77	31.8	12.3	52.3
79	26.9	7.8	47.8

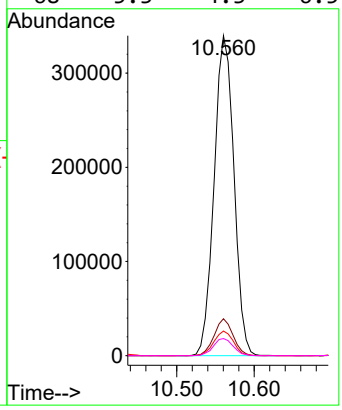




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:136 Resp: 60379

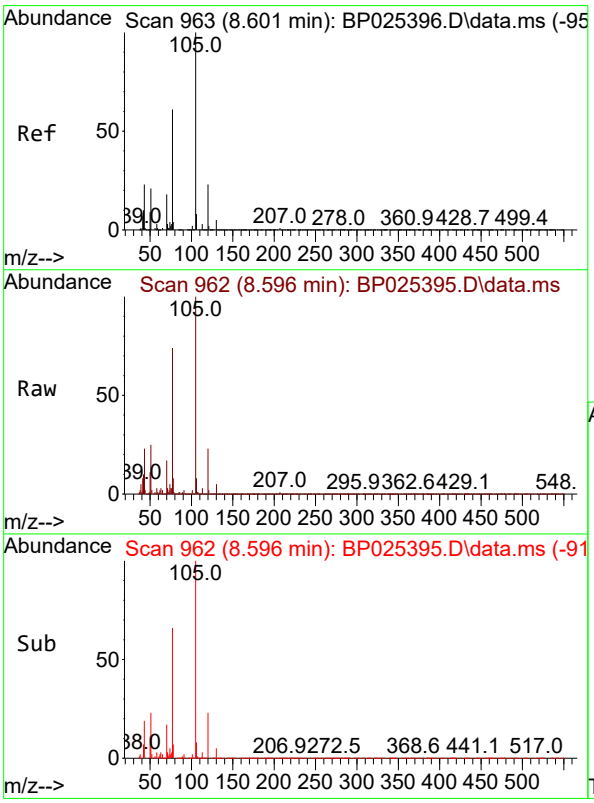
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	7.7	6.0	9.0
68	5.3	4.3	6.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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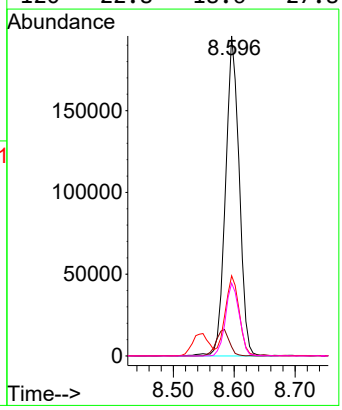
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

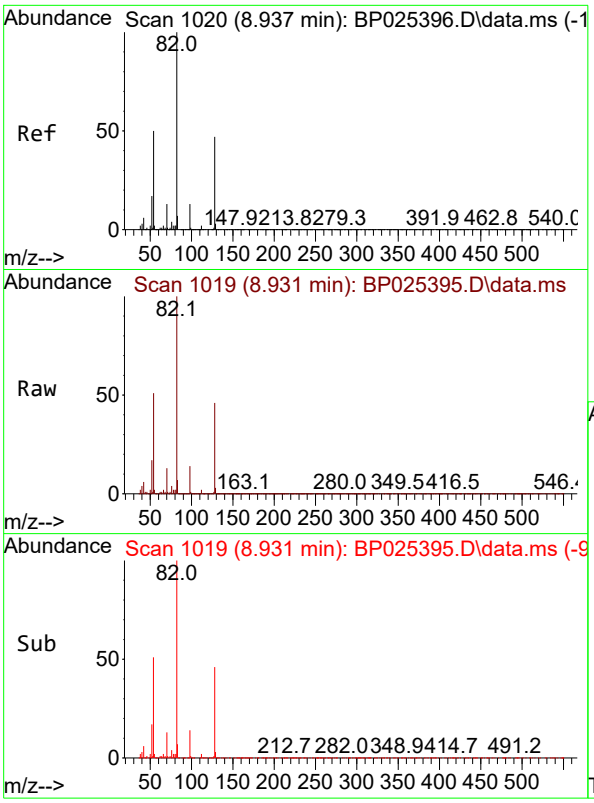


#22
Acetophenone
Concen: 20.196 ng
RT: 8.596 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

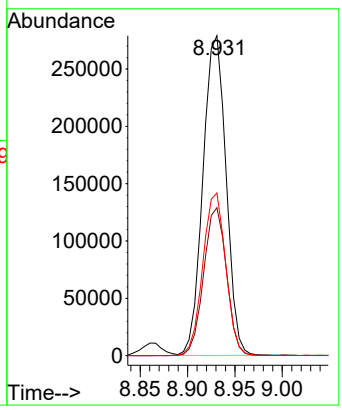




#23
Nitrobenzene-d5
Concen: 39.706 ng
RT: 8.931 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 82 Resp: 47393

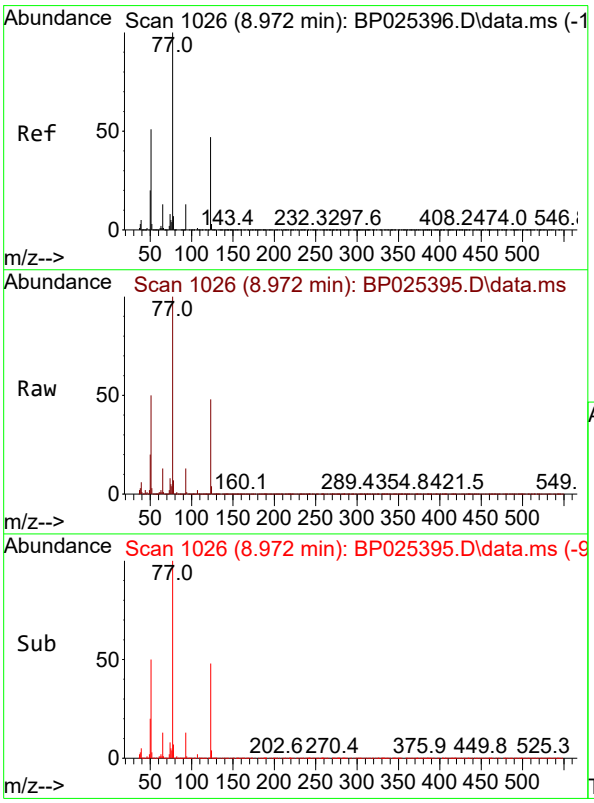
Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.7	56.5
54	50.8	39.8	59.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

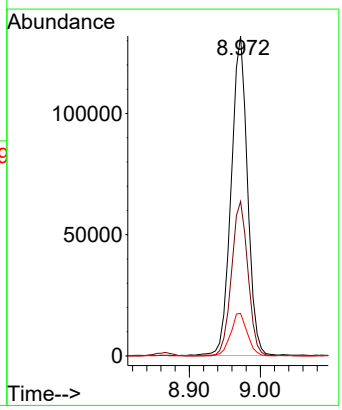
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

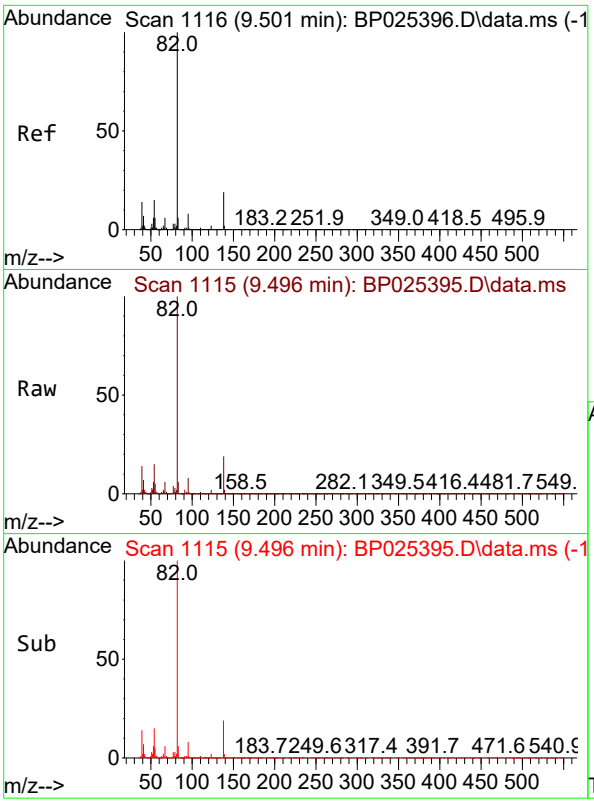


#24
Nitrobenzene
Concen: 19.708 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 77 Resp: 210234

Ion	Ratio	Lower	Upper
77	100		
123	48.3	38.6	58.0
65	13.3	10.6	15.8

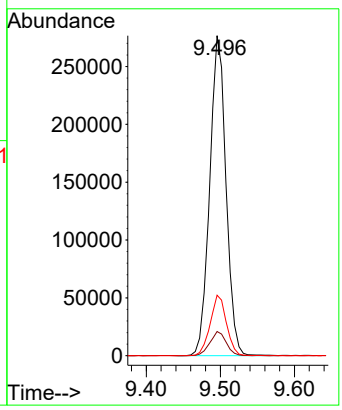




#25
Isophorone
Concen: 19.995 ng
RT: 9.496 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 82 Resp: 42237

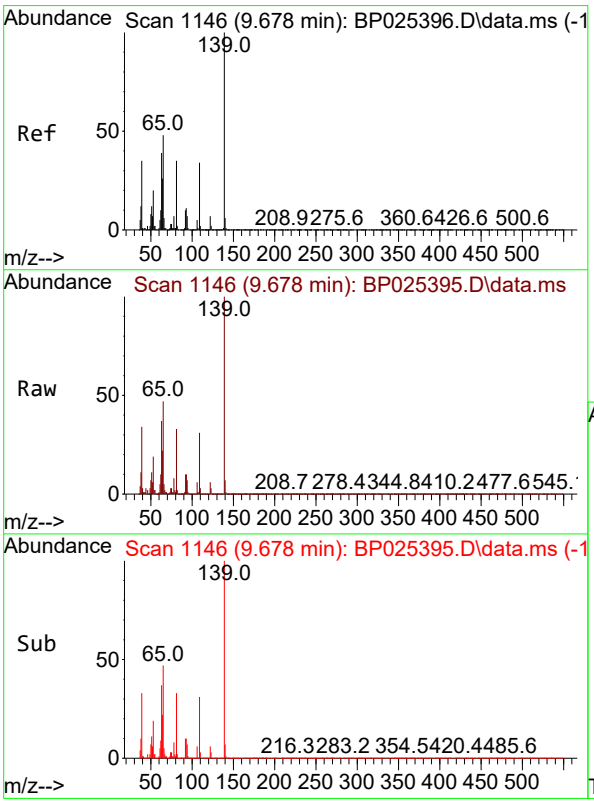
Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.4	9.6
138	18.9	15.4	23.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

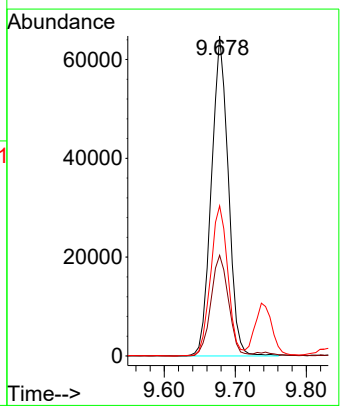
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

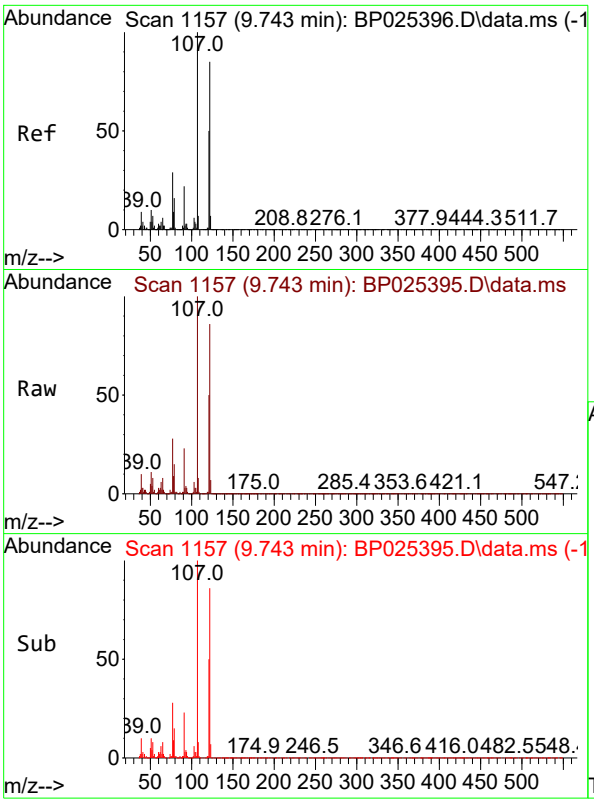


#26
2-Nitrophenol
Concen: 19.509 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

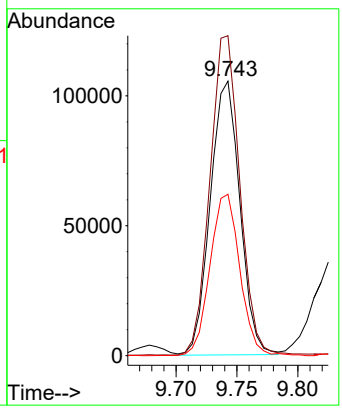




#27
2,4-Dimethylphenol
Concen: 18.963 ng
RT: 9.743 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:122 Resp: 17853

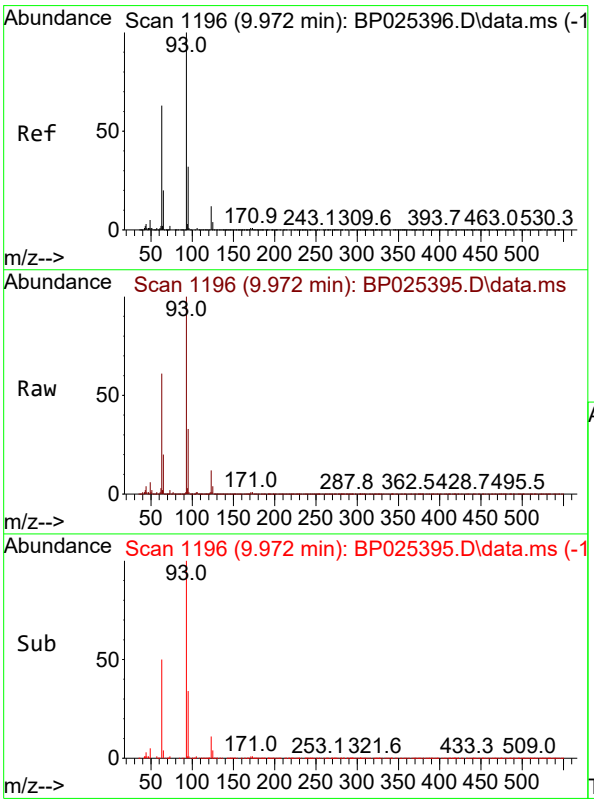
Ion	Ratio	Lower	Upper
122	100		
107	116.5	93.7	140.5
121	58.8	46.6	69.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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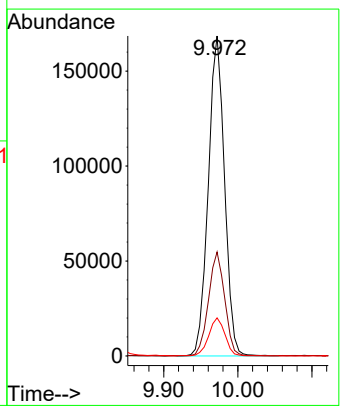
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

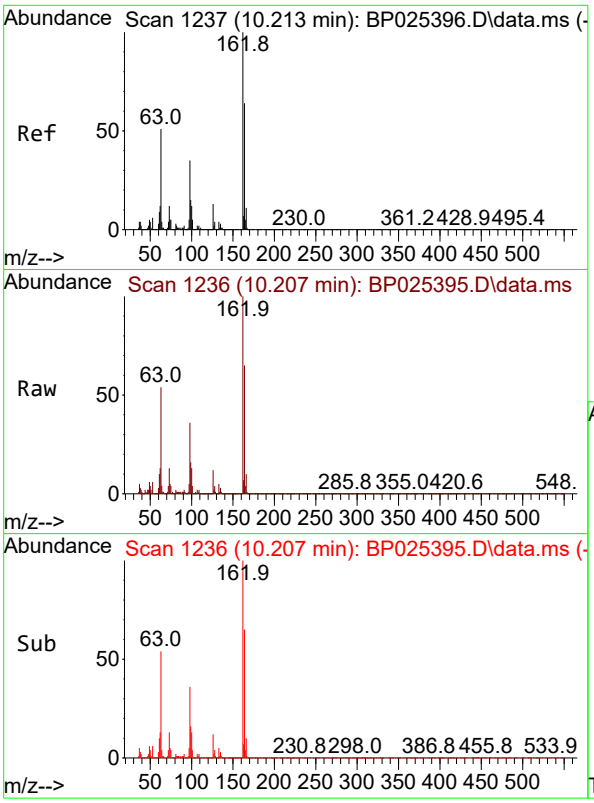


#28
bis(2-Chloroethoxy)methane
Concen: 20.100 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 93 Resp: 256656

Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.4	38.0
123	11.9	9.4	14.0

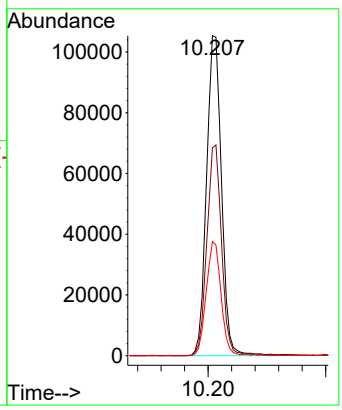




#29
2,4-Dichlorophenol
Concen: 19.896 ng
RT: 10.207 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:162 Resp: 18607

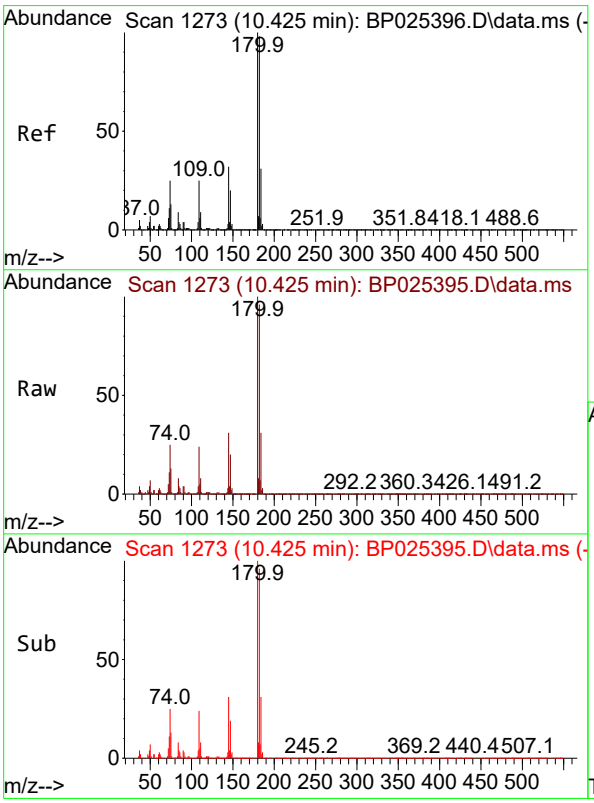
Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.4	84.4
98	35.7	14.9	54.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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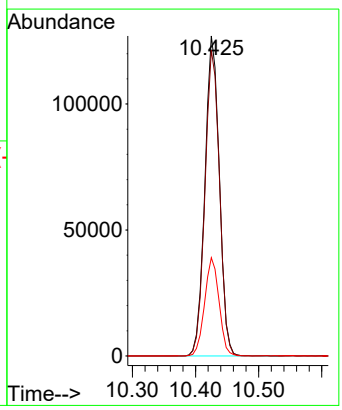
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

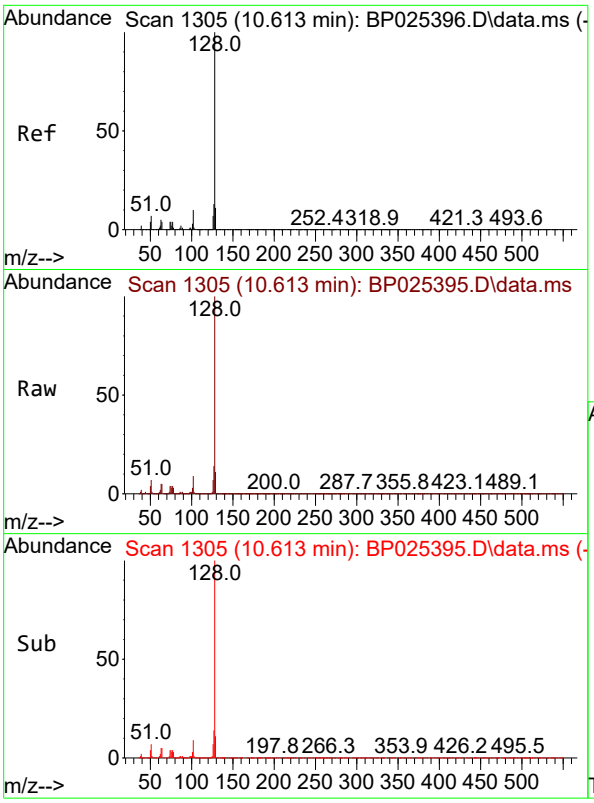


#30
1,2,4-Trichlorobenzene
Concen: 19.702 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:180 Resp: 201995

Ion	Ratio	Lower	Upper
180	100		
182	95.6	78.0	117.0
145	30.7	25.9	38.9

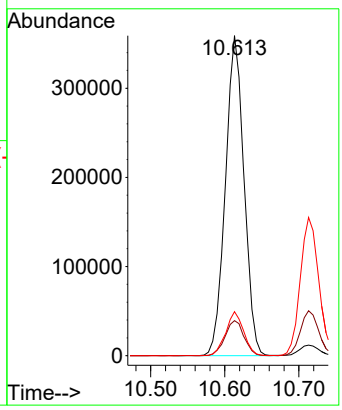




#31
Naphthalene
Concen: 19.944 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:128 Resp: 625899

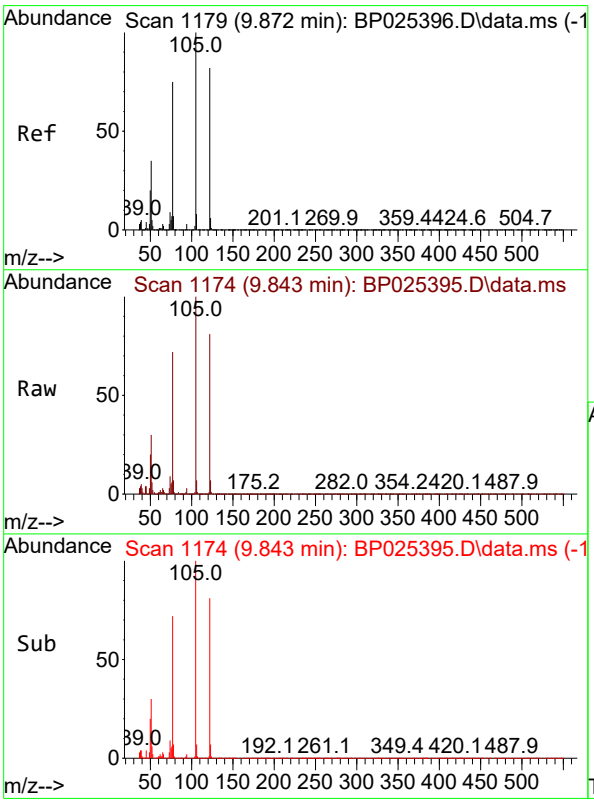
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.7	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

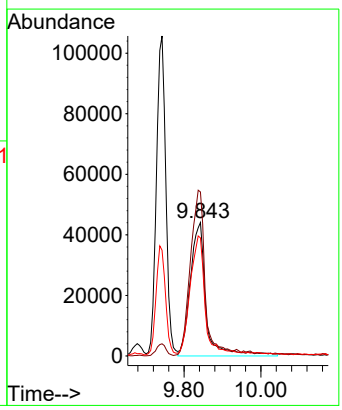
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

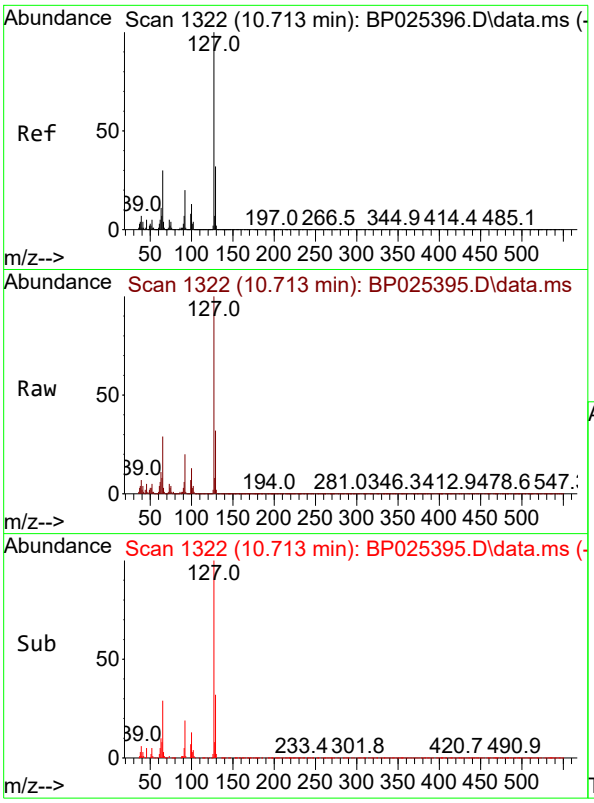


#32
Benzoic acid
Concen: 18.004 ng m
RT: 9.843 min Scan# 1174
Delta R.T. -0.029 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:122 Resp: 124836

Ion	Ratio	Lower	Upper
122	100		
105	122.9	100.6	140.6
77	88.5	71.5	111.5

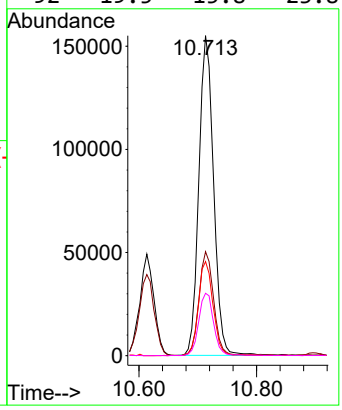




#33
4-Chloroaniline
Concen: 19.489 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:127 Resp: 27015

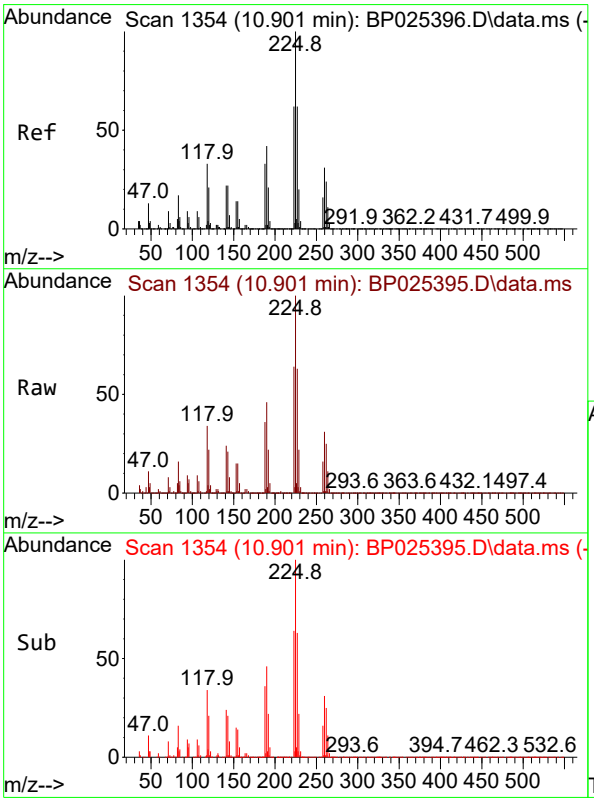
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.2
65	29.4	23.8	35.6
92	19.5	15.8	23.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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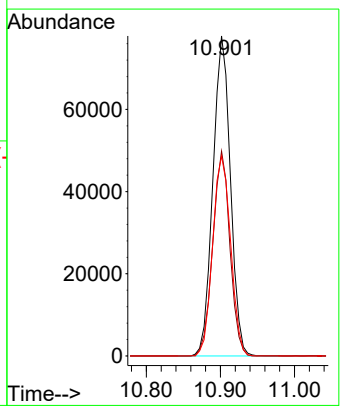
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

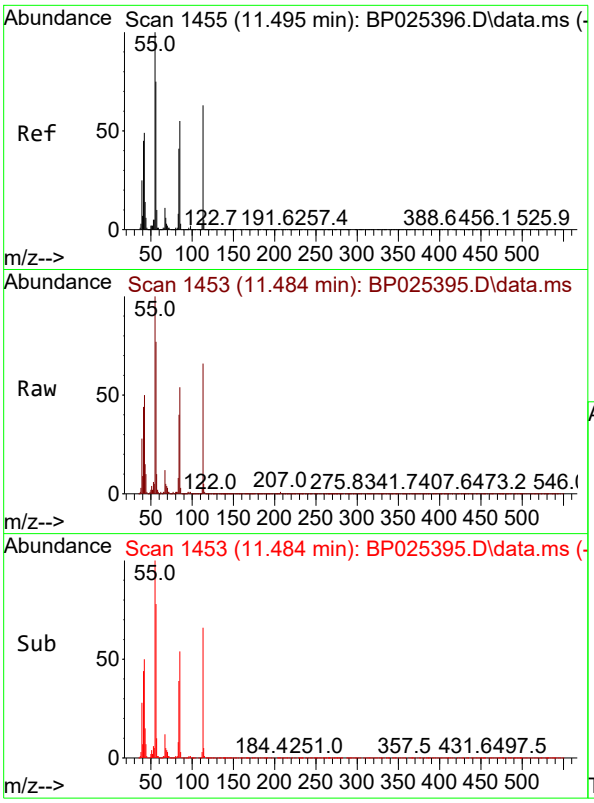


#34
Hexachlorobutadiene
Concen: 19.983 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:225 Resp: 127593

Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.0	75.0
227	62.5	49.7	74.5

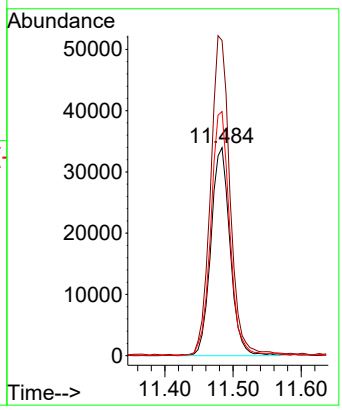




#35
Caprolactam
Concen: 19.294 ng
RT: 11.484 min Scan# 14
Delta R.T. -0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:113 Resp: 6616

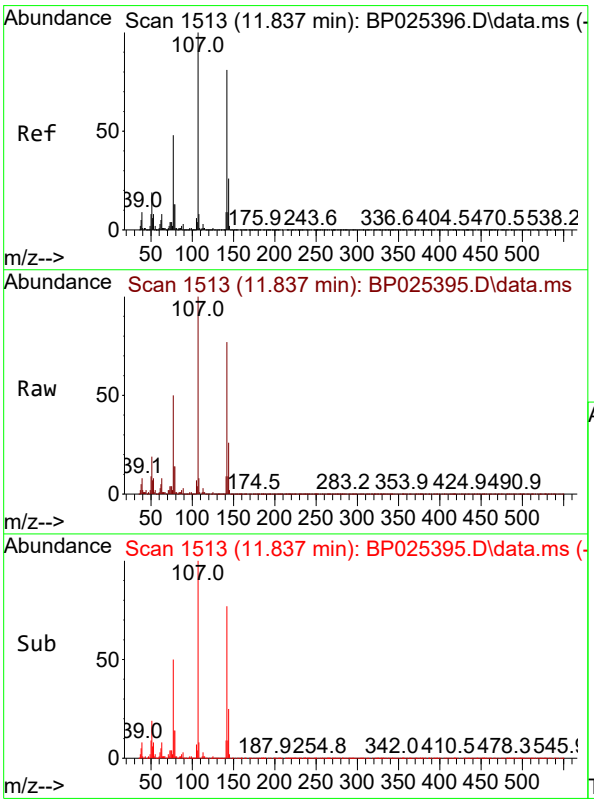
Ion	Ratio	Lower	Upper
113	100		
55	151.5	140.0	180.0
56	117.4	100.0	140.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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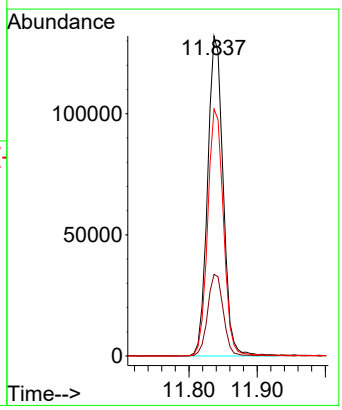
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

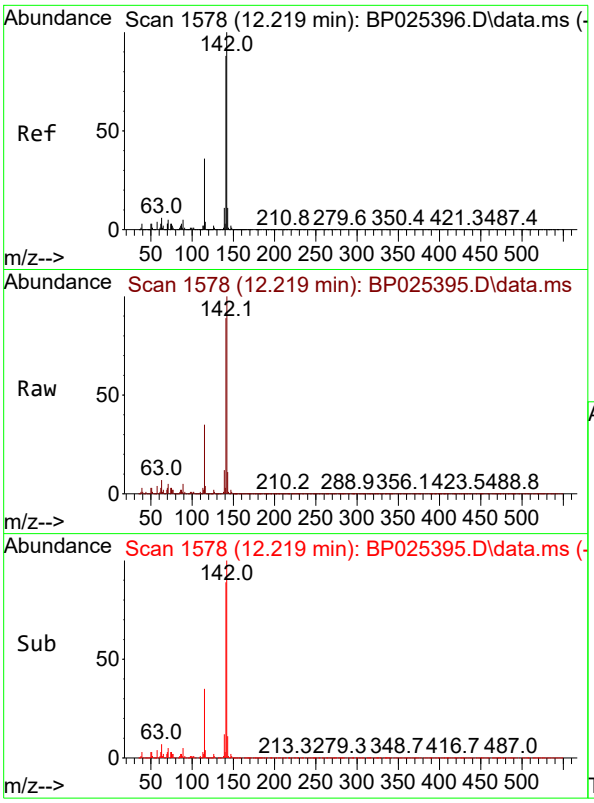


#36
4-Chloro-3-methylphenol
Concen: 19.551 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:107 Resp: 209817

Ion	Ratio	Lower	Upper
107	100		
144	25.5	21.0	31.4
142	77.1	64.6	97.0

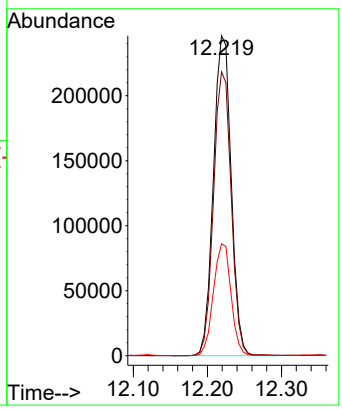




#37
2-Methylnaphthalene
Concen: 20.057 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:142 Resp: 40961

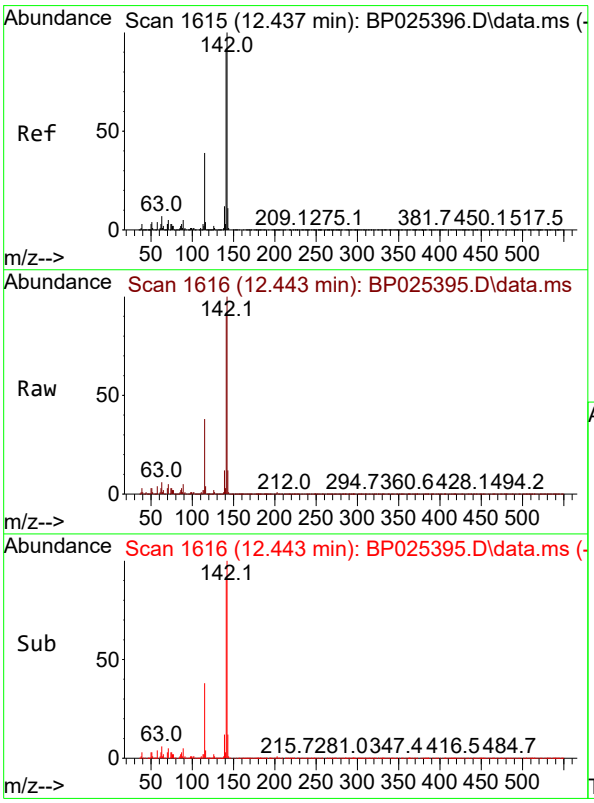
Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.3	105.5
115	35.0	28.9	43.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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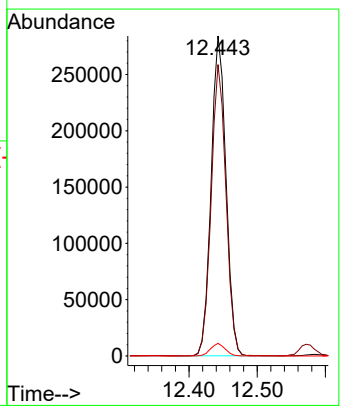
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

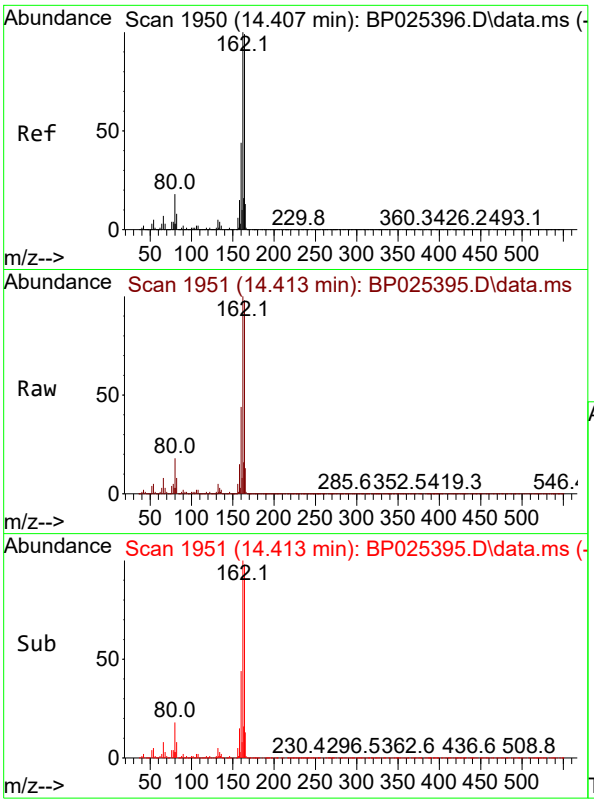


#38
1-Methylnaphthalene
Concen: 19.829 ng
RT: 12.443 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

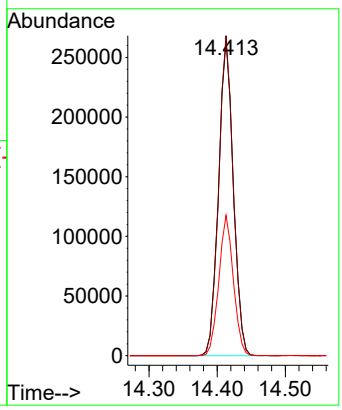




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:164 Resp: 39903

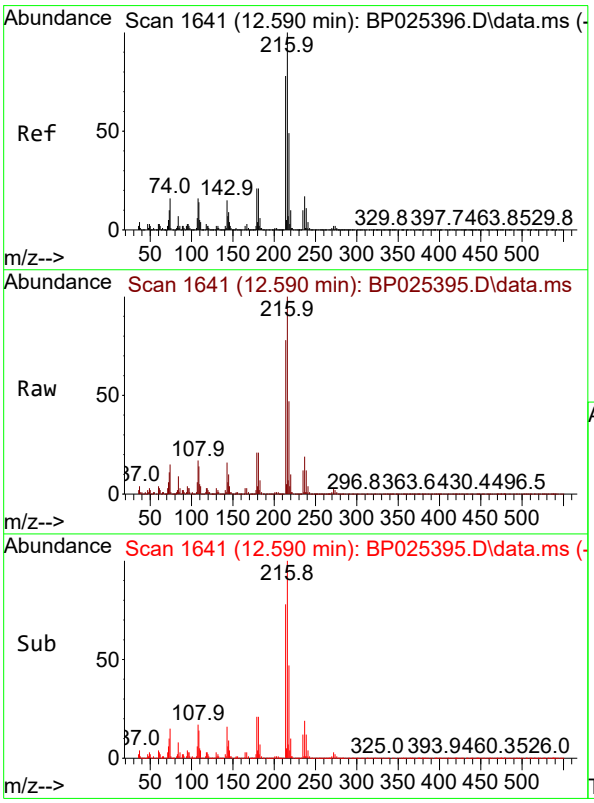
Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.0	121.6
160	44.6	35.4	53.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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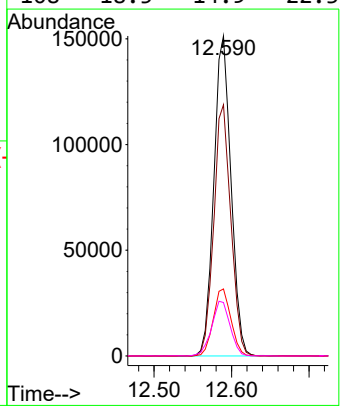
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

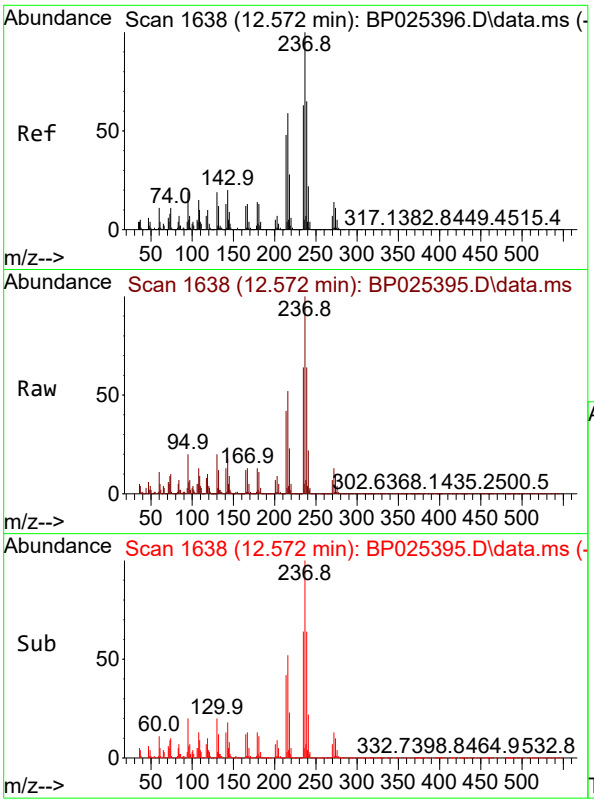


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.263 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:216 Resp: 233523

Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.0	94.4
179	21.6	17.1	25.7
108	18.5	14.9	22.3





#41
Hexachlorocyclopentadiene
Concen: 17.922 ng
RT: 12.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

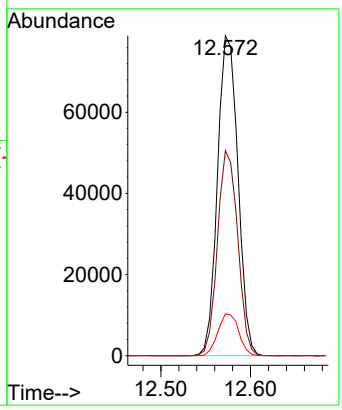
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

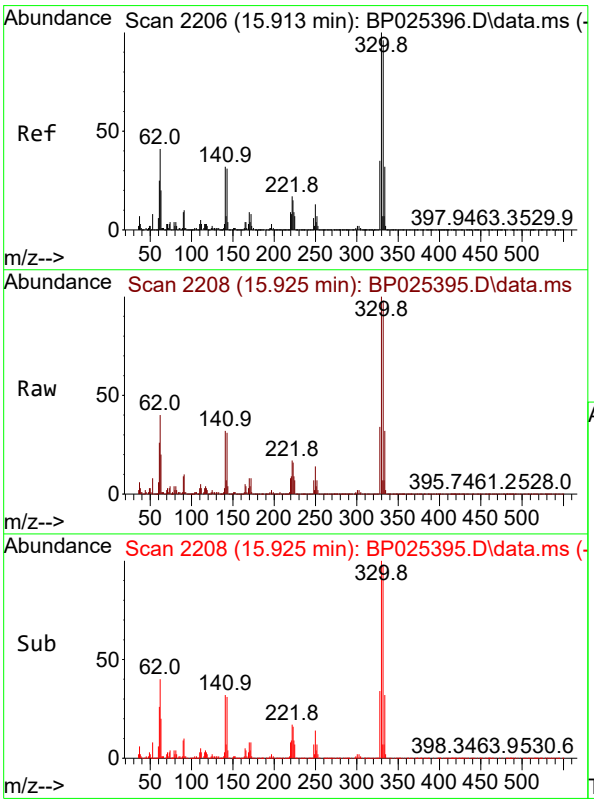
Tgt Ion:237 Resp: 12475

Ion	Ratio	Lower	Upper
237	100		
235	64.0	42.7	82.7
272	13.1	0.0	34.0

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

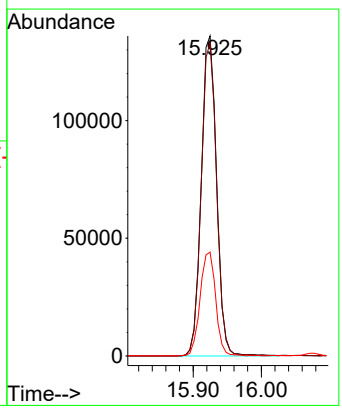


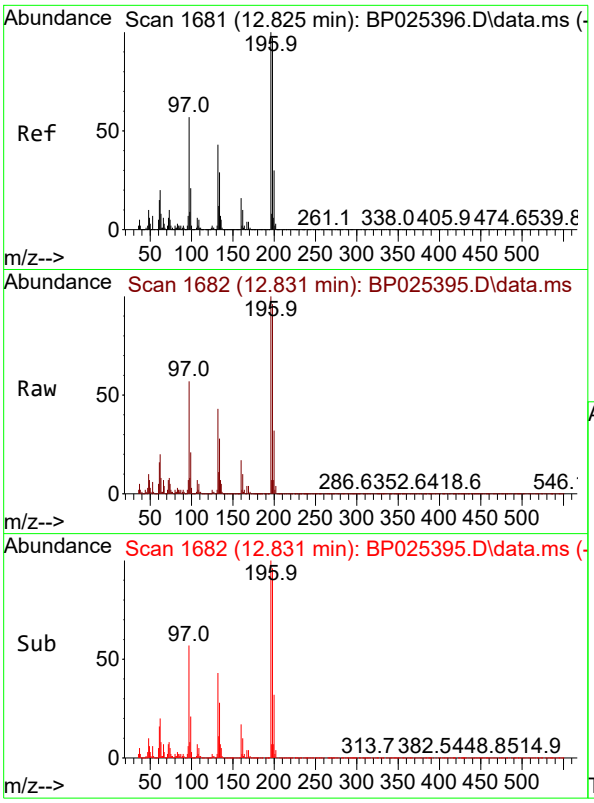


#42
2,4,6-Tribromophenol
Concen: 39.651 ng
RT: 15.925 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

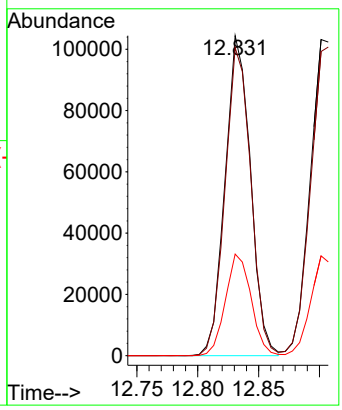




#43
2,4,6-Trichlorophenol
Concen: 19.540 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:196 Resp: 15203

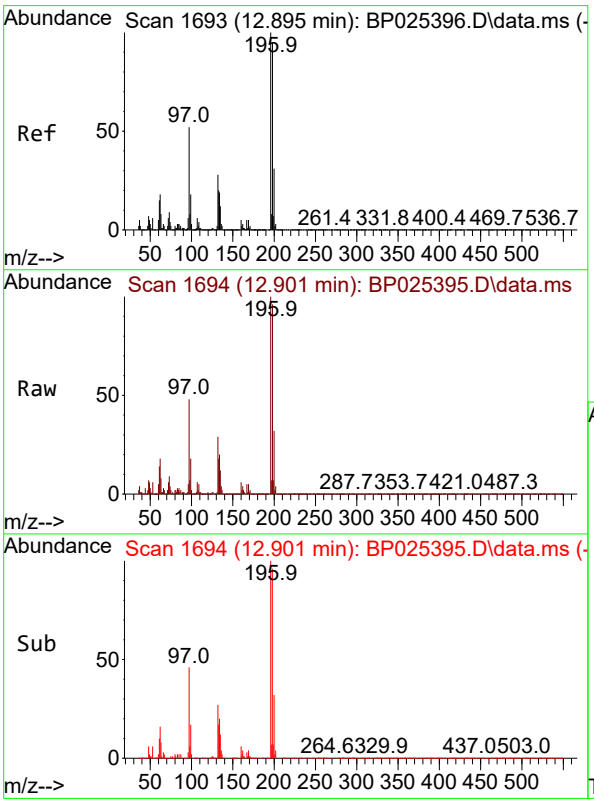
Ion	Ratio	Lower	Upper
196	100		
198	96.3	77.2	115.8
200	31.8	23.9	35.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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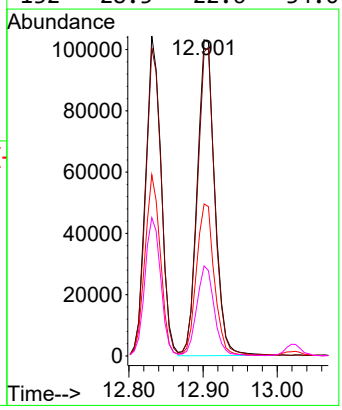
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

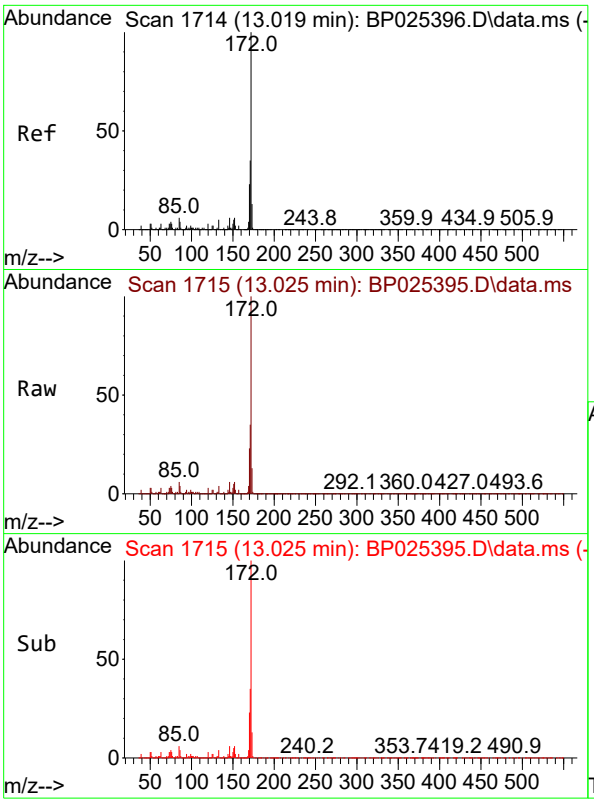


#44
2,4,5-Trichlorophenol
Concen: 19.842 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

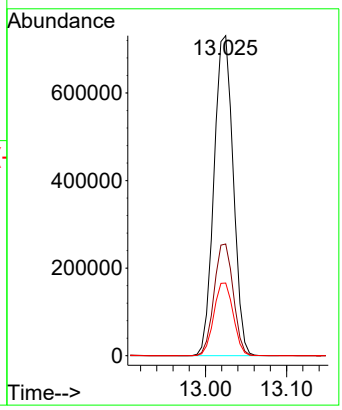




#45
2-Fluorobiphenyl
Concen: 41.205 ng
RT: 13.025 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:172 Resp: 120306

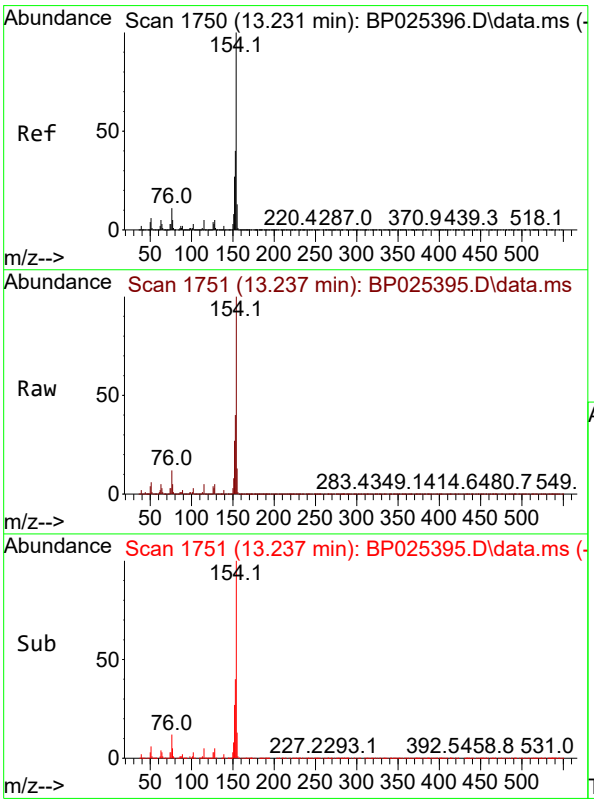
Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.1	42.1
170	22.7	18.6	28.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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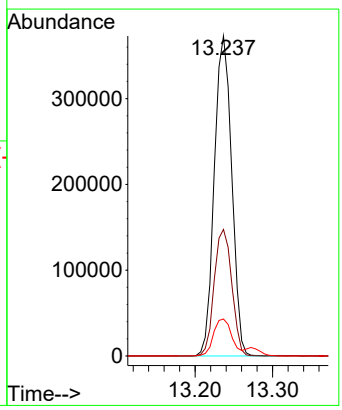
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

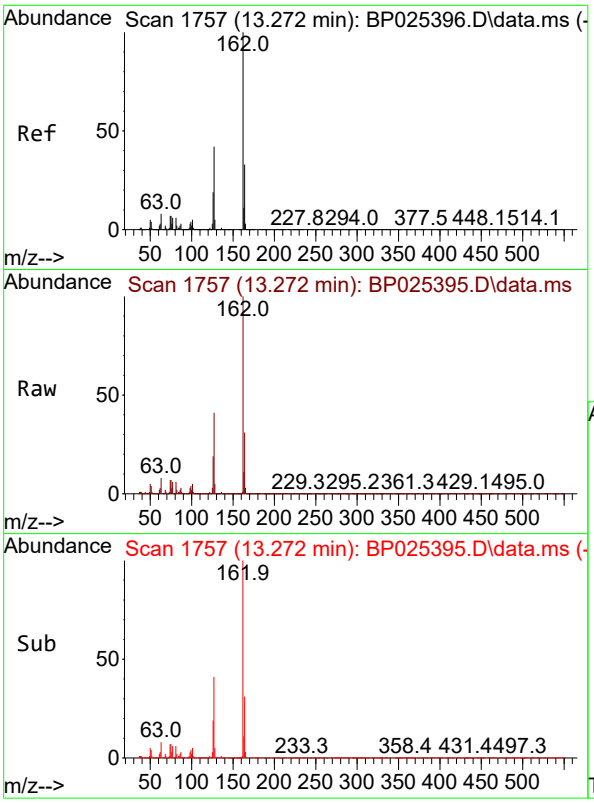


#46
1,1'-Biphenyl
Concen: 20.064 ng
RT: 13.237 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

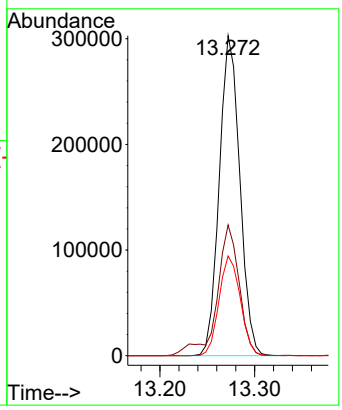




#47
2-Chloronaphthalene
Concen: 20.237 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:162 Resp: 45655

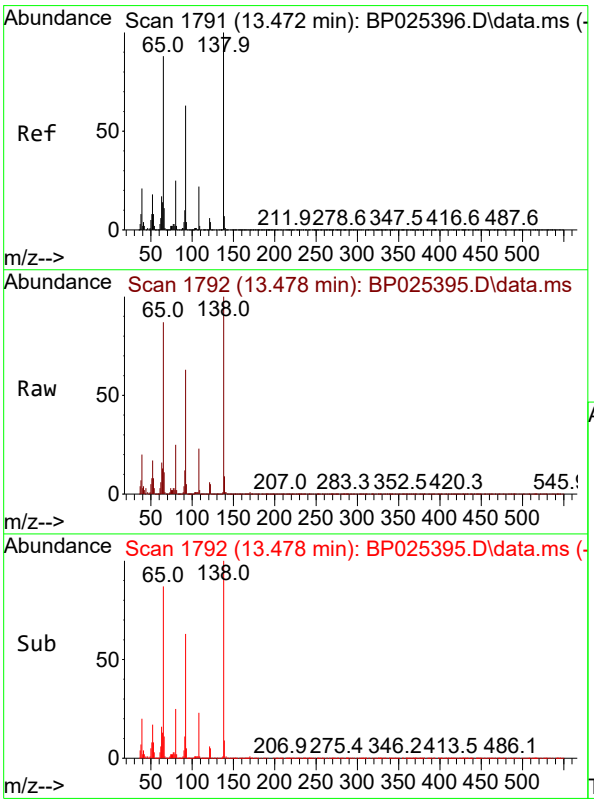
Ion	Ratio	Lower	Upper
162	100		
127	40.9	33.4	50.2
164	31.2	26.2	39.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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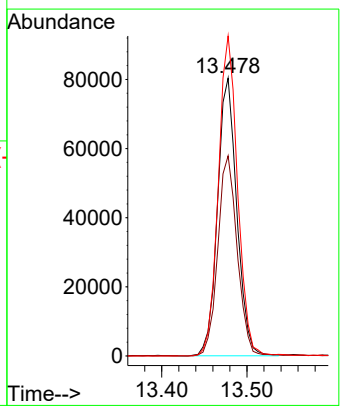
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

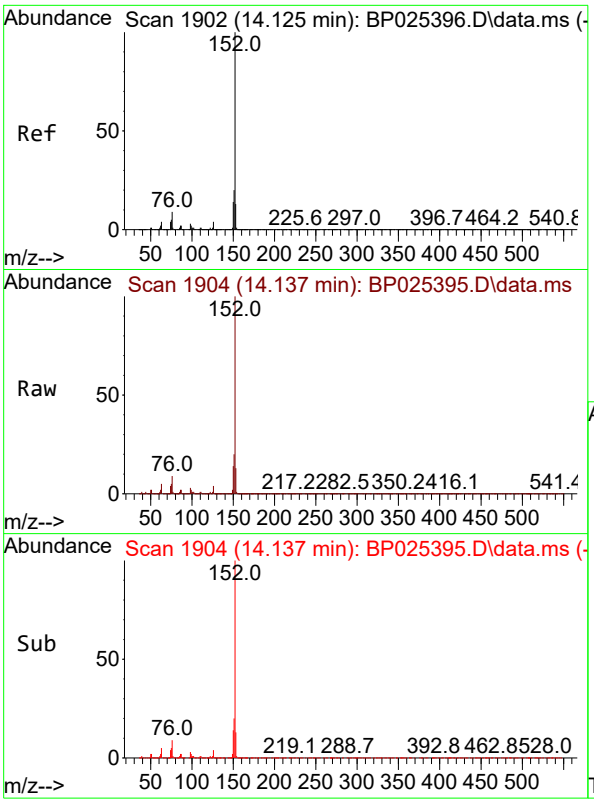


#48
2-Nitroaniline
Concen: 19.233 ng
RT: 13.478 min Scan# 1792
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 65 Resp: 126433

Ion	Ratio	Lower	Upper
65	100		
92	72.0	57.6	86.4
138	115.1	91.0	136.6

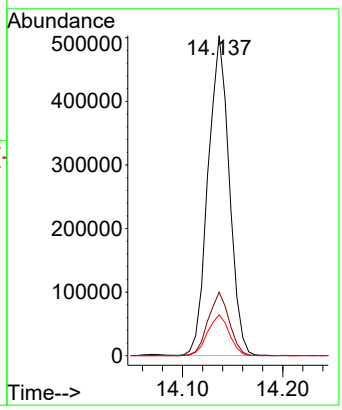




#49
Acenaphthylene
Concen: 19.756 ng
RT: 14.137 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:152 Resp: 73752

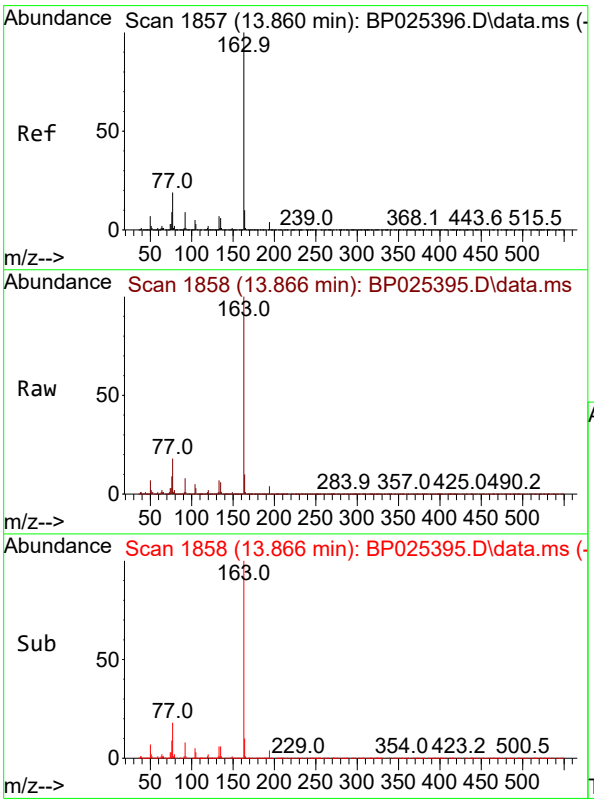
Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	12.8	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

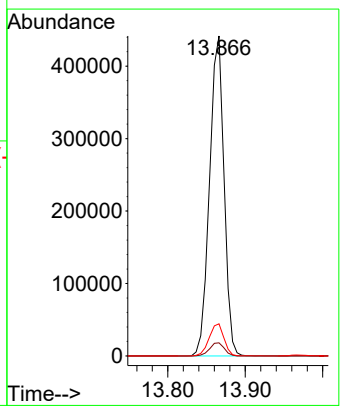
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

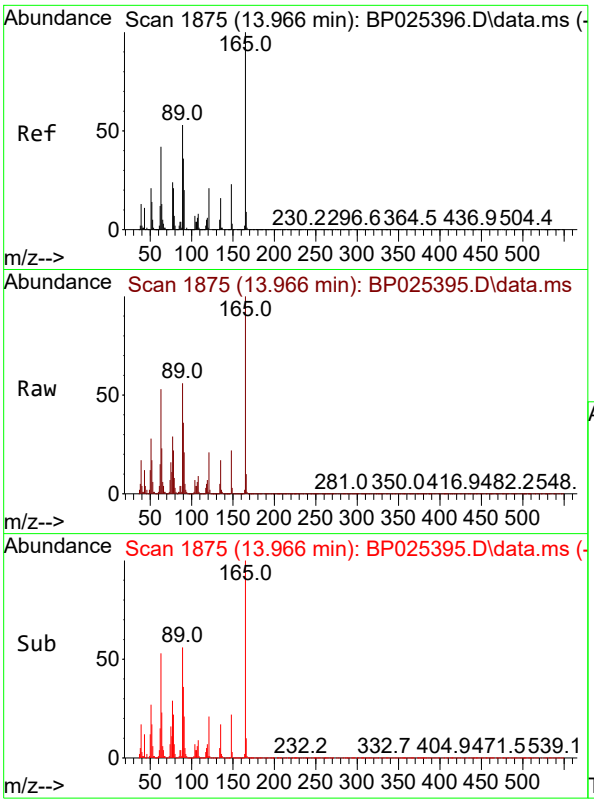


#50
Dimethylphthalate
Concen: 19.632 ng
RT: 13.866 min Scan# 1858
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

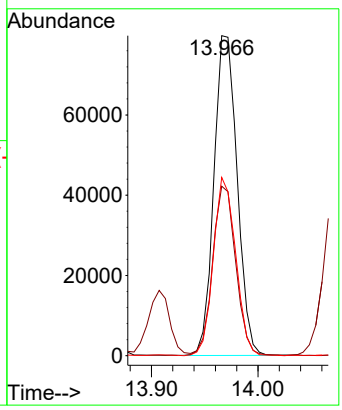
Tgt Ion:165 Resp: 12069

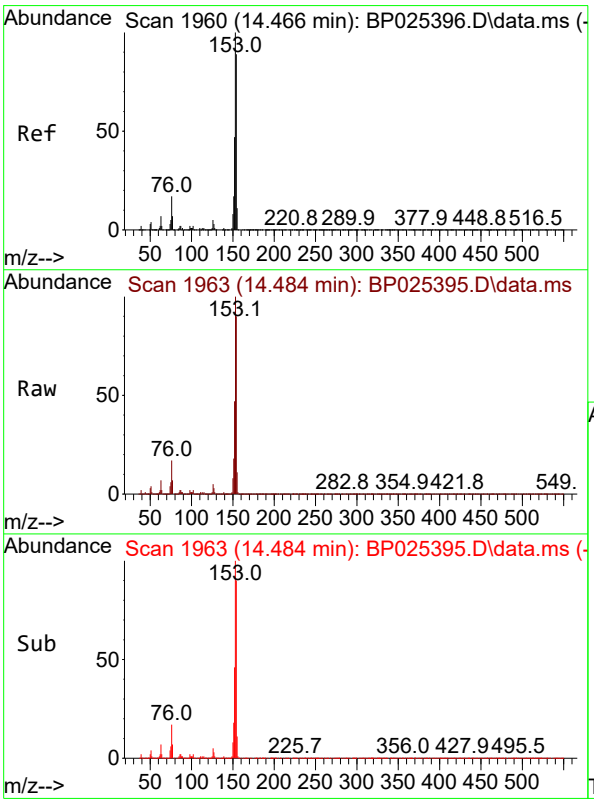
Ion	Ratio	Lower	Upper
165	100		
63	52.9	40.9	61.3
89	55.7	42.1	63.1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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

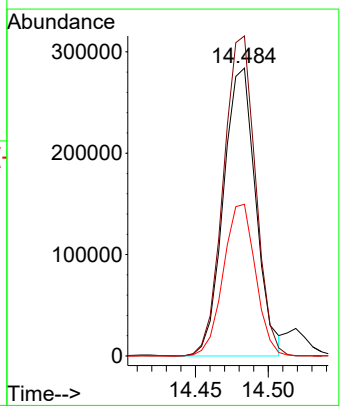


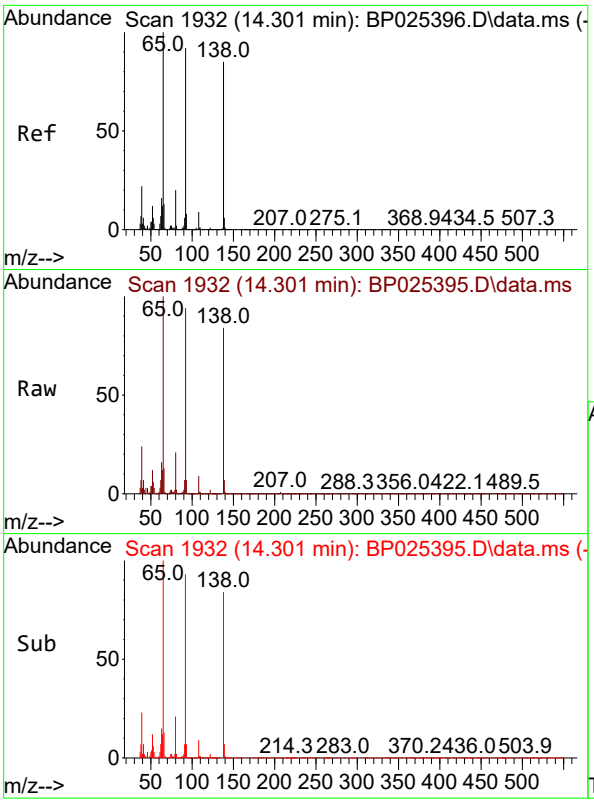


#52
Acenaphthene
Concen: 20.027 ng m
RT: 14.484 min Scan# 1963
Delta R.T. 0.018 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:154 Resp: 438852

Ion	Ratio	Lower	Upper
154	100		
153	111.2	90.2	135.2
152	52.7	42.1	63.1

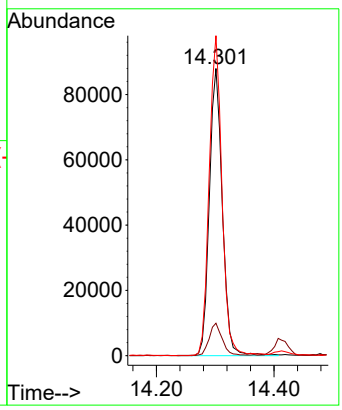




#53
3-Nitroaniline
Concen: 19.410 ng
RT: 14.301 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:138 Resp: 13450

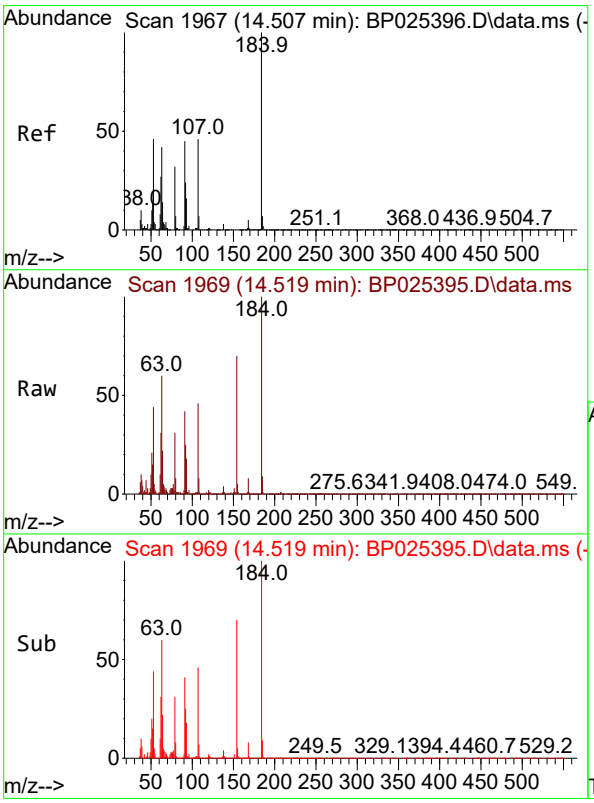
Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.3	12.5
92	111.4	86.2	129.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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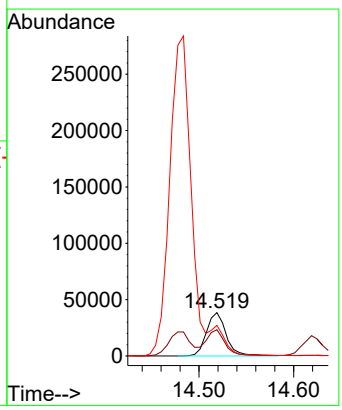
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

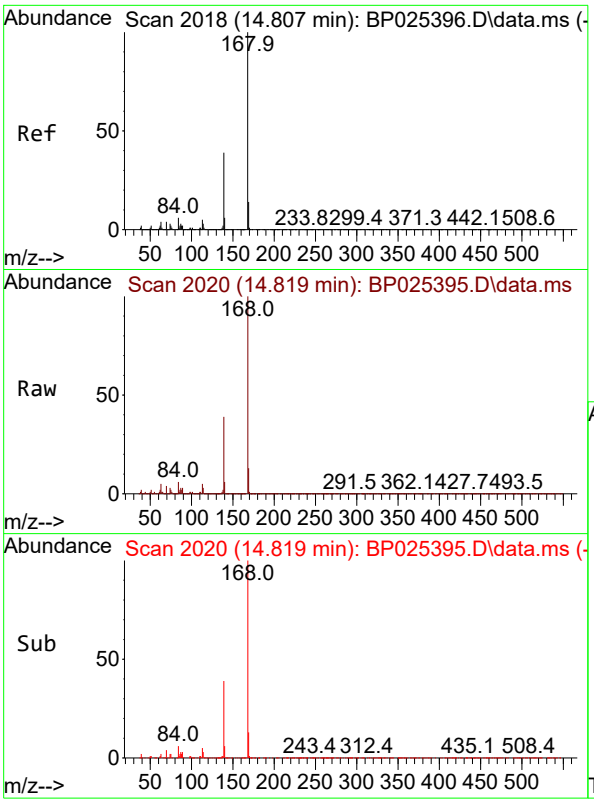


#54
2,4-Dinitrophenol
Concen: 16.939 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:184 Resp: 55713

Ion	Ratio	Lower	Upper
184	100		
63	60.4	49.4	74.2
154	70.4	54.6	82.0

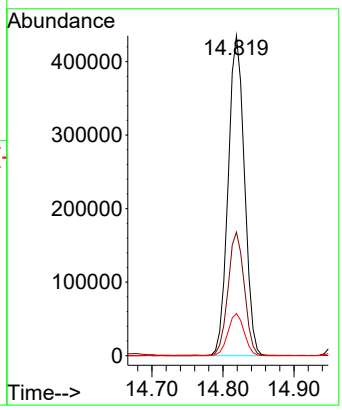




#55
Dibenzofuran
Concen: 20.002 ng
RT: 14.819 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:168 Resp: 69296

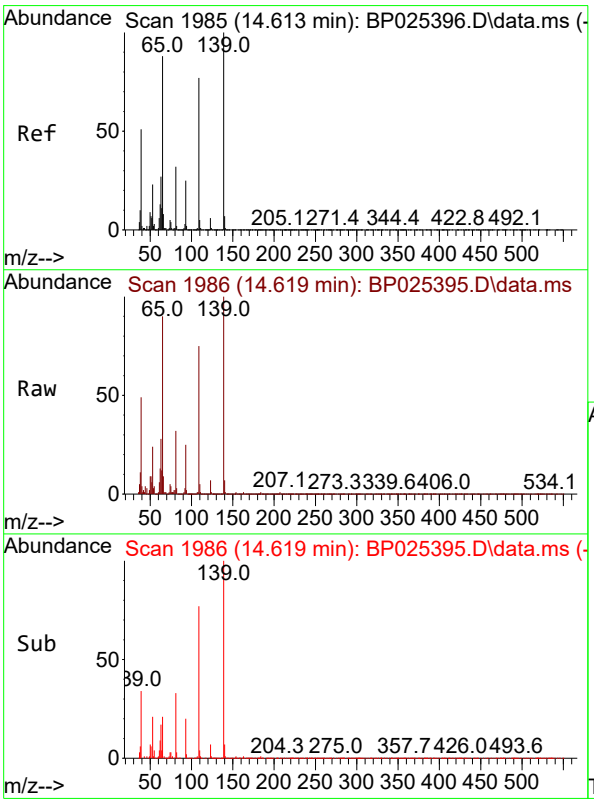
Ion	Ratio	Lower	Upper
168	100		
139	38.6	31.5	47.3
169	13.1	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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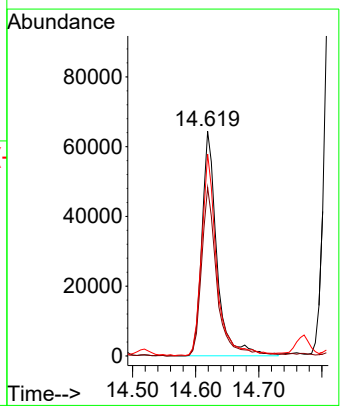
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

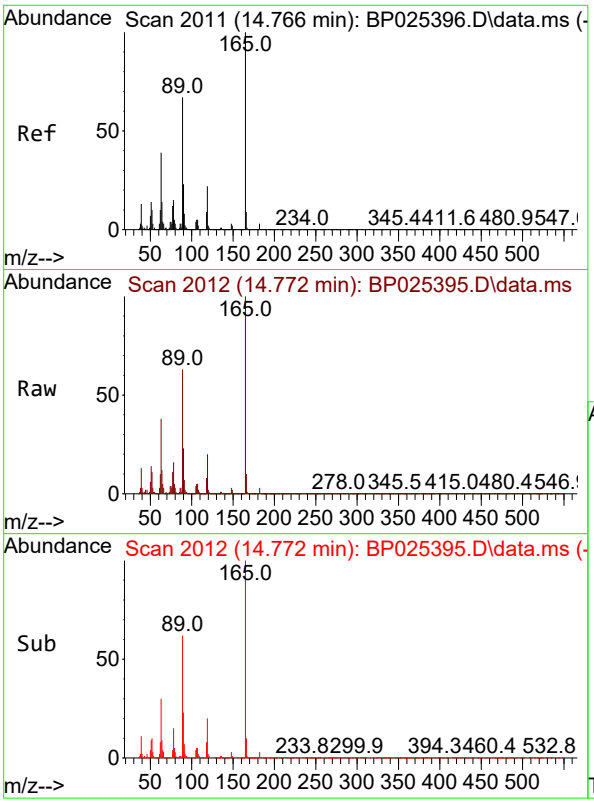


#56
4-Nitrophenol
Concen: 18.578 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:139 Resp: 105787

Ion	Ratio	Lower	Upper
139	100		
109	75.0	56.6	96.6
65	89.8	68.2	108.2

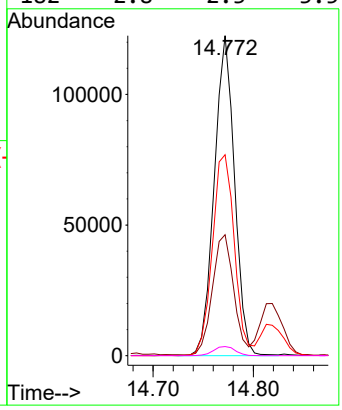




#57
2,4-Dinitrotoluene
Concen: 19.576 ng
RT: 14.772 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:165 Resp: 17202

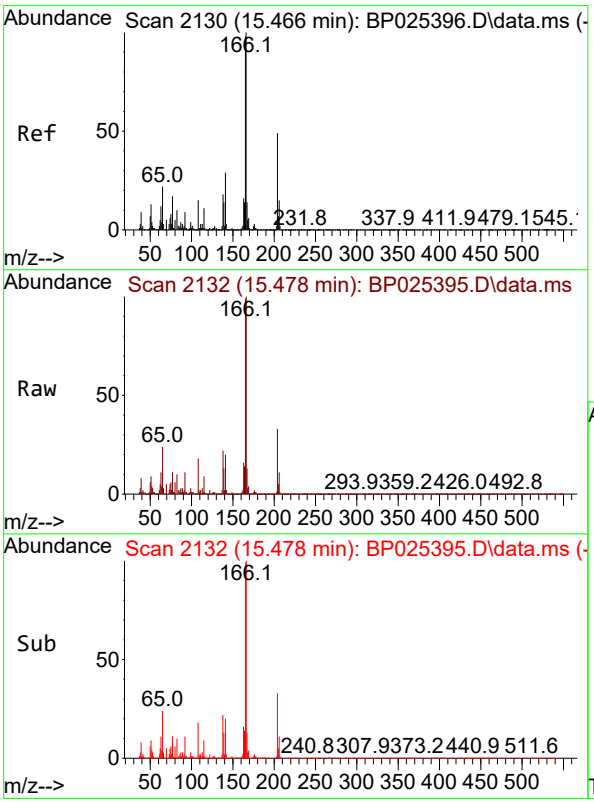
Ion	Ratio	Lower	Upper
165	100		
63	37.8	31.4	47.2
89	62.8	53.3	79.9
182	2.8	2.3	3.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

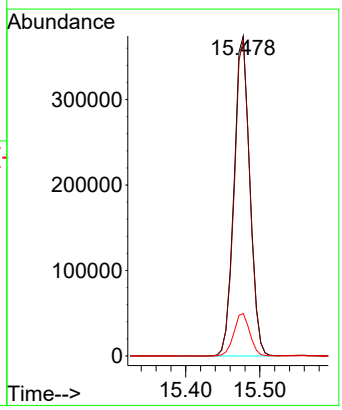
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

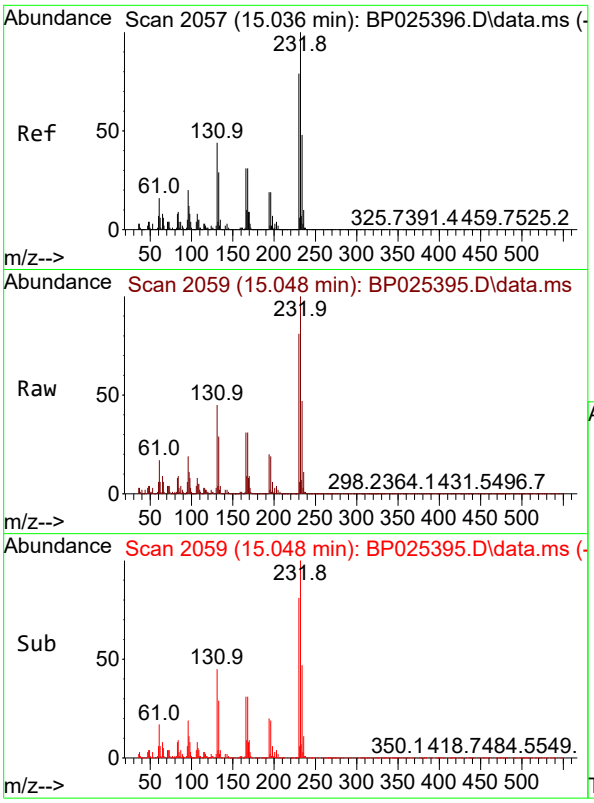


#58
Fluorene
Concen: 20.289 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

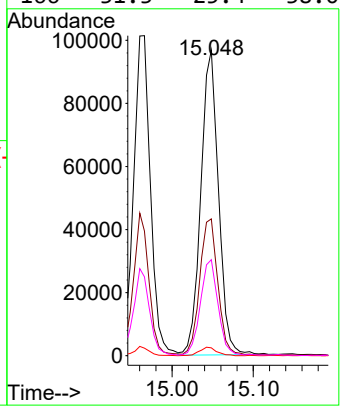




#59
2,3,4,6-Tetrachlorophenol
Concen: 19.381 ng
RT: 15.048 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:232 Resp: 14592

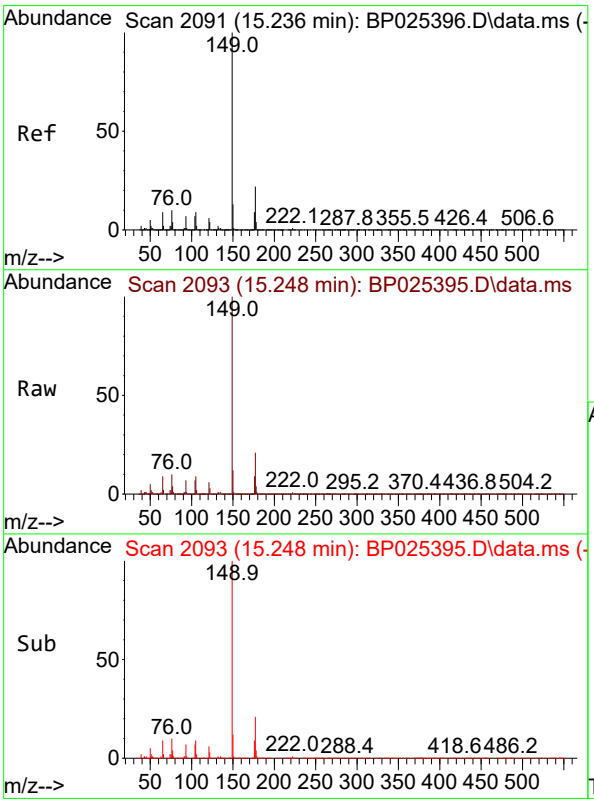
Ion	Ratio	Lower	Upper
232	100		
131	45.5	37.0	55.6
130	2.7	1.9	2.9
166	31.3	25.4	38.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

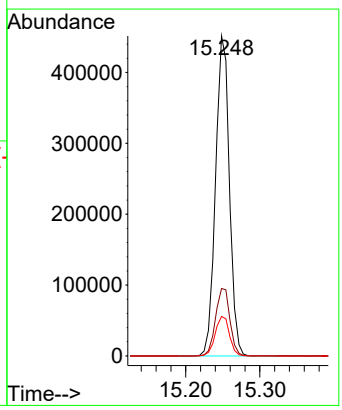
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

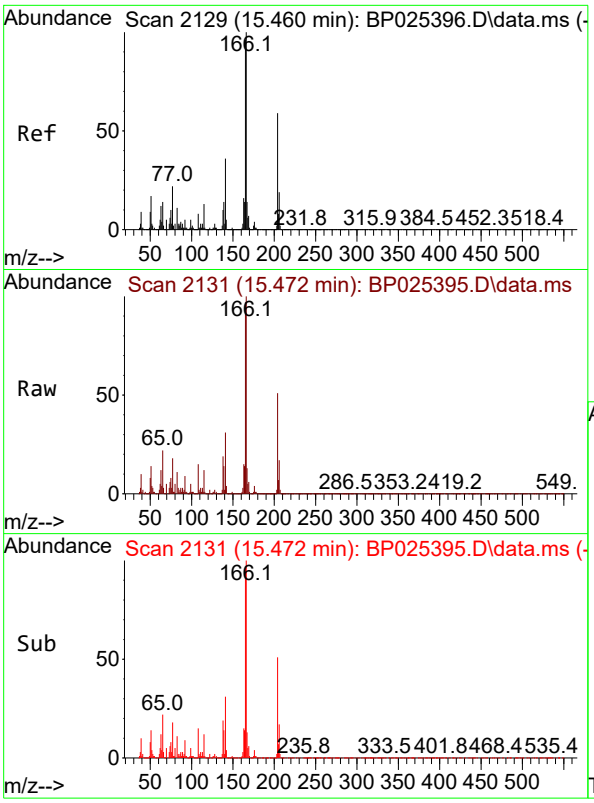


#60
Diethylphthalate
Concen: 19.689 ng
RT: 15.248 min Scan# 2093
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:149 Resp: 584590

Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.3	25.9
150	12.4	10.3	15.5





#61
4-Chlorophenyl-phenylether
Concen: 19.929 ng
RT: 15.472 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

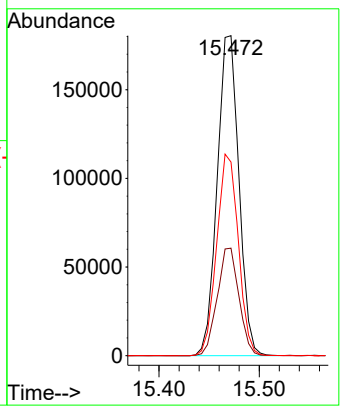
Tgt Ion:204 Resp: 270949

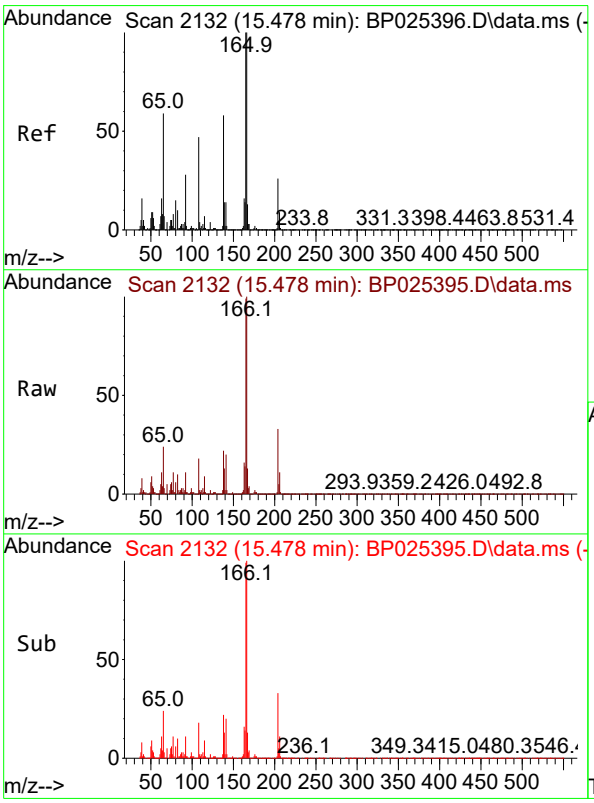
Ion	Ratio	Lower	Upper
204	100		
206	33.6	25.8	38.8
141	60.5	49.4	74.2

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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

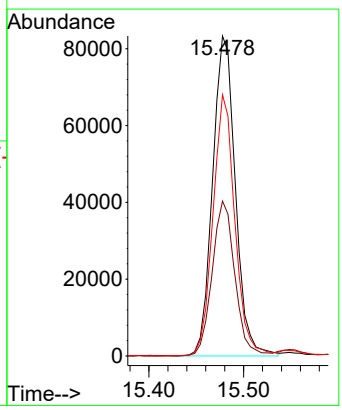


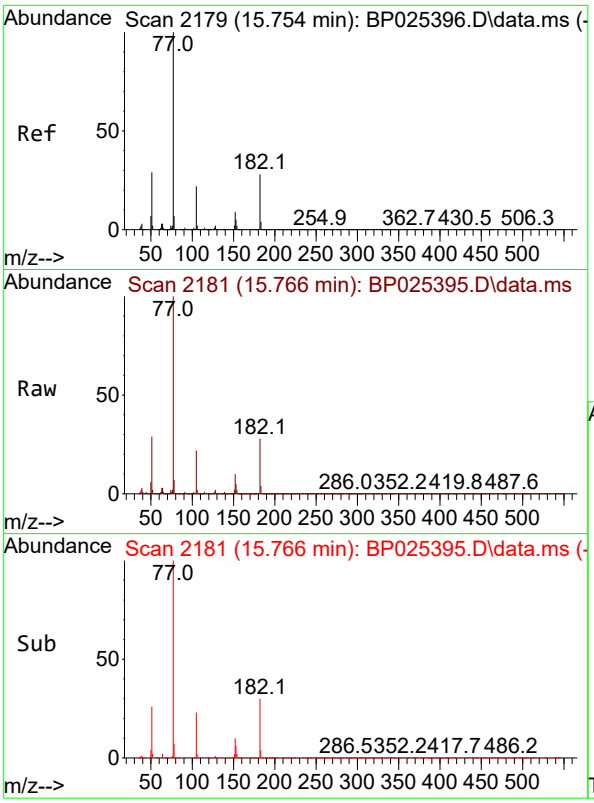


#62
4-Nitroaniline
Concen: 19.595 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

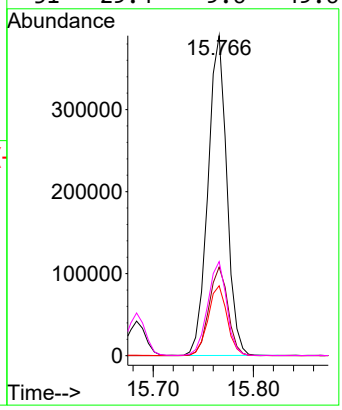




#63
Azobenzene
Concen: 20.004 ng
RT: 15.766 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 77 Resp: 50856

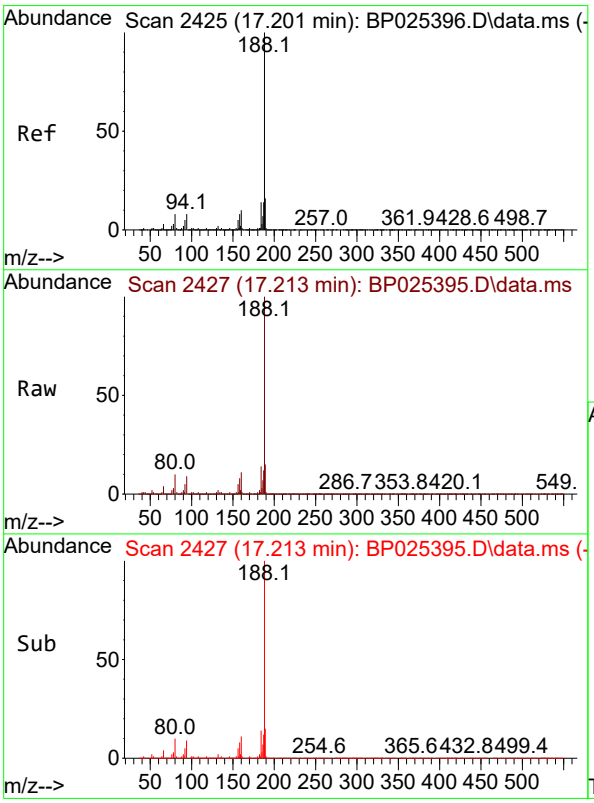
Ion	Ratio	Lower	Upper
77	100		
182	27.7	7.5	47.5
105	21.9	2.1	42.1
51	29.4	9.6	49.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

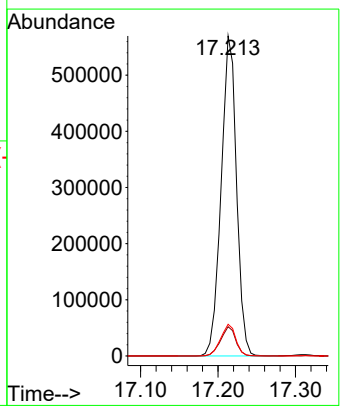
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

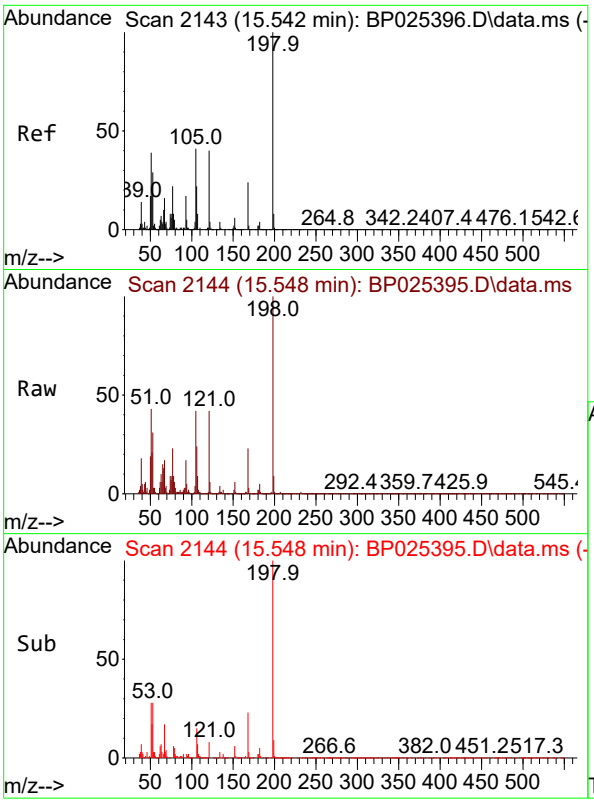


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

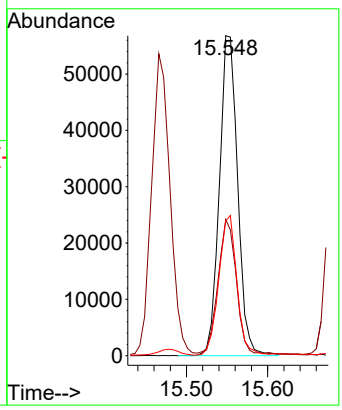




#65
4,6-Dinitro-2-methylphenol
Concen: 18.169 ng
RT: 15.548 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:198 Resp: 8899

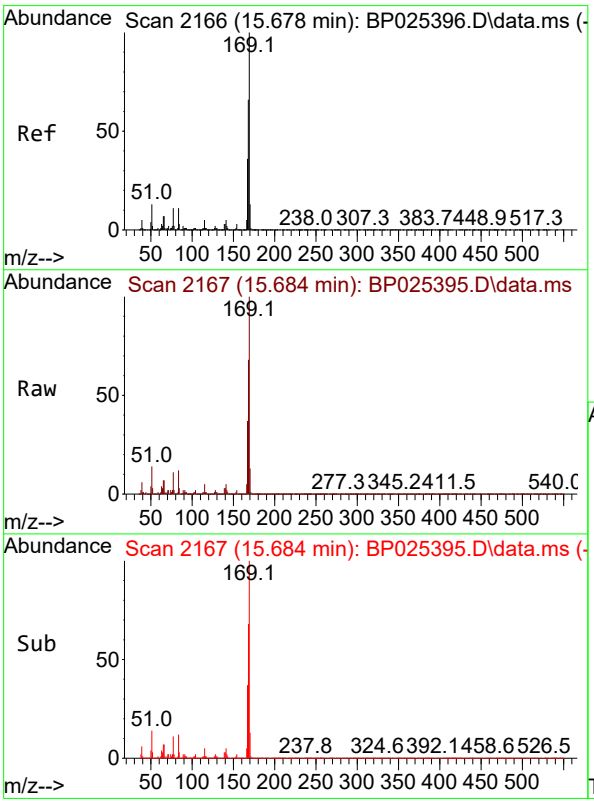
Ion	Ratio	Lower	Upper
198	100		
51	42.6	19.6	59.6
105	42.2	20.9	60.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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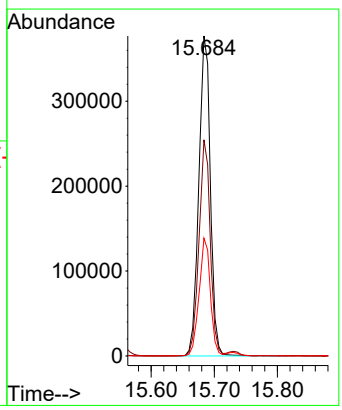
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

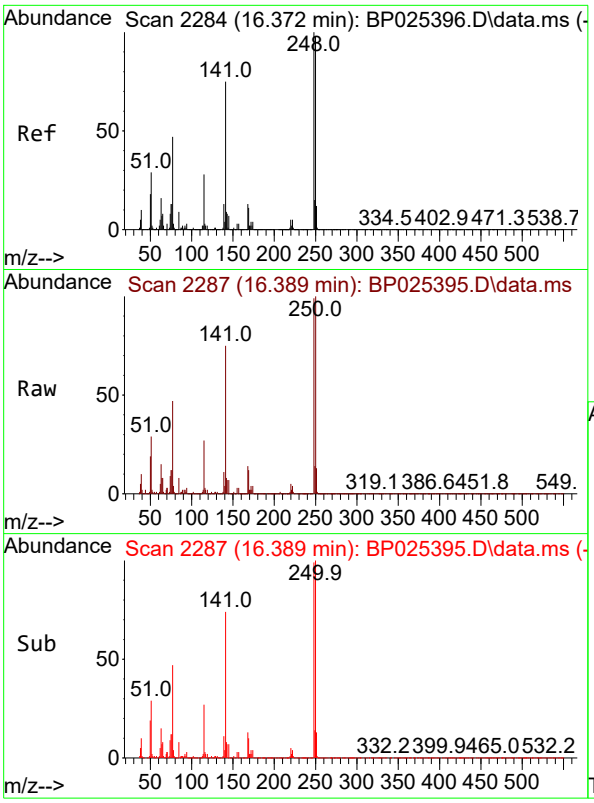


#66
n-Nitrosodiphenylamine
Concen: 19.911 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:169 Resp: 477080

Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.2	79.8
167	36.8	28.7	43.1

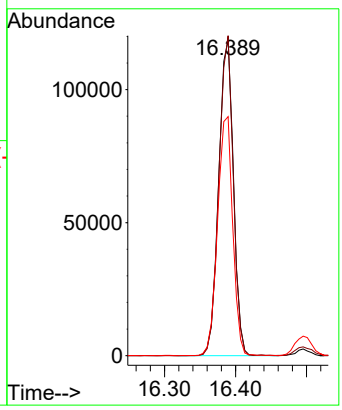




#67
4-Bromophenyl-phenylether
Concen: 19.758 ng
RT: 16.389 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:248 Resp: 17073

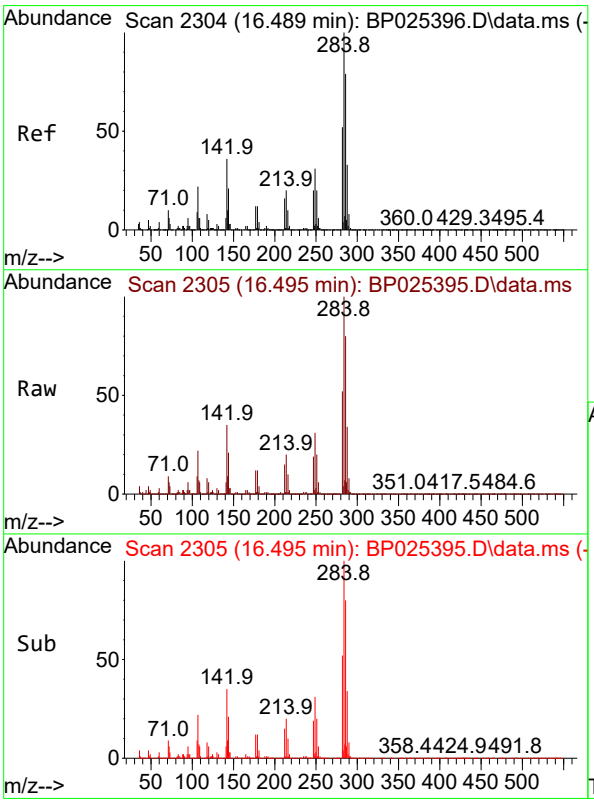
Ion	Ratio	Lower	Upper
248	100		
250	101.4	78.2	117.2
141	75.7	59.6	89.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

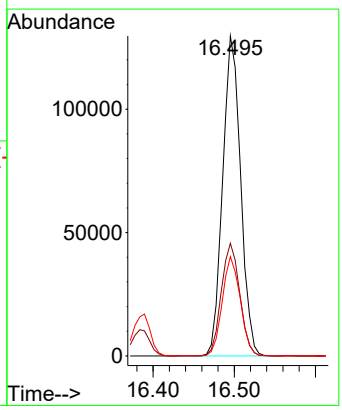
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

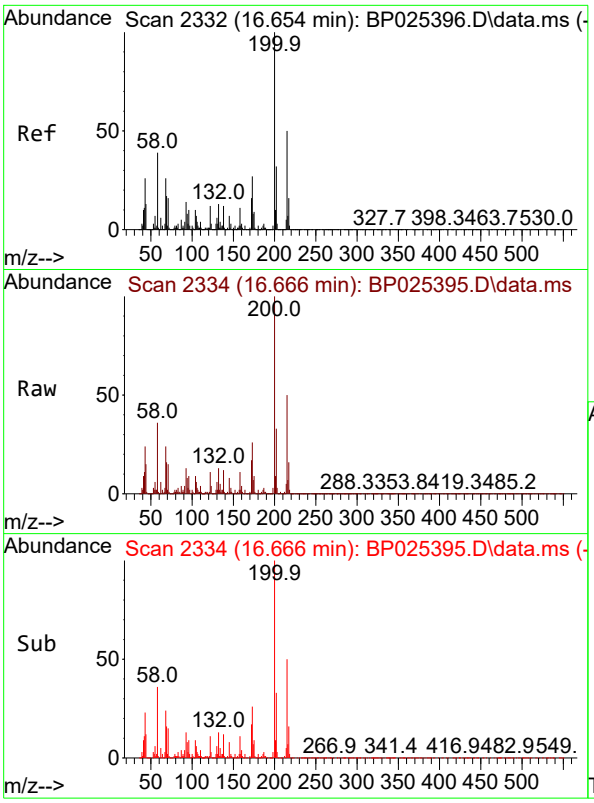


#68
Hexachlorobenzene
Concen: 19.906 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:284 Resp: 199410

Ion	Ratio	Lower	Upper
284	100		
142	35.2	29.1	43.7
249	31.0	25.0	37.4

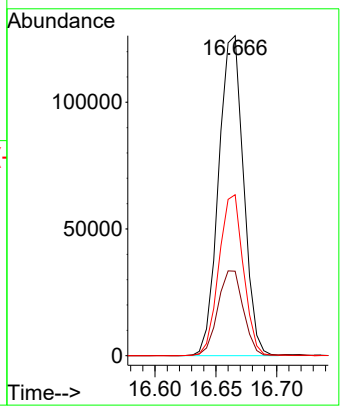




#69
Atrazine
Concen: 20.006 ng
RT: 16.666 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:200 Resp: 17951

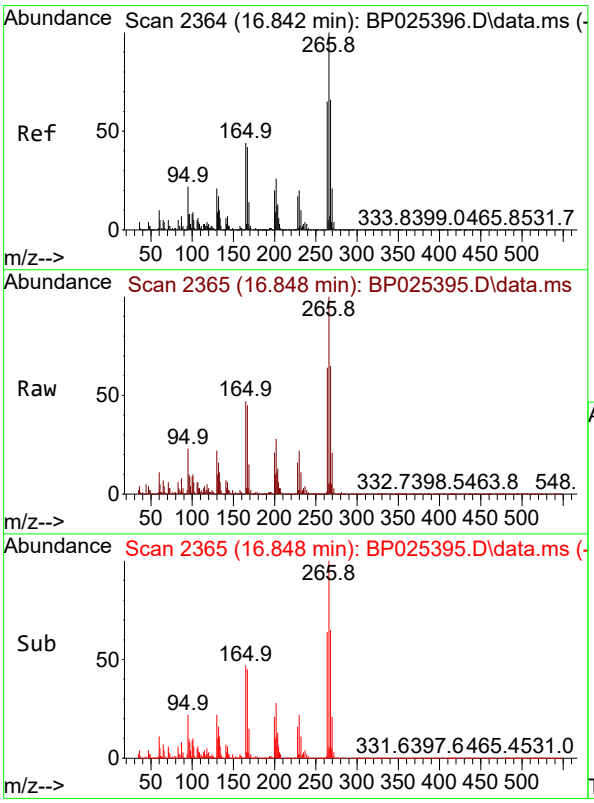
Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.7	46.7
215	50.3	29.7	69.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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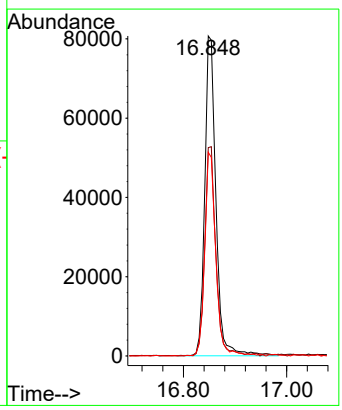
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

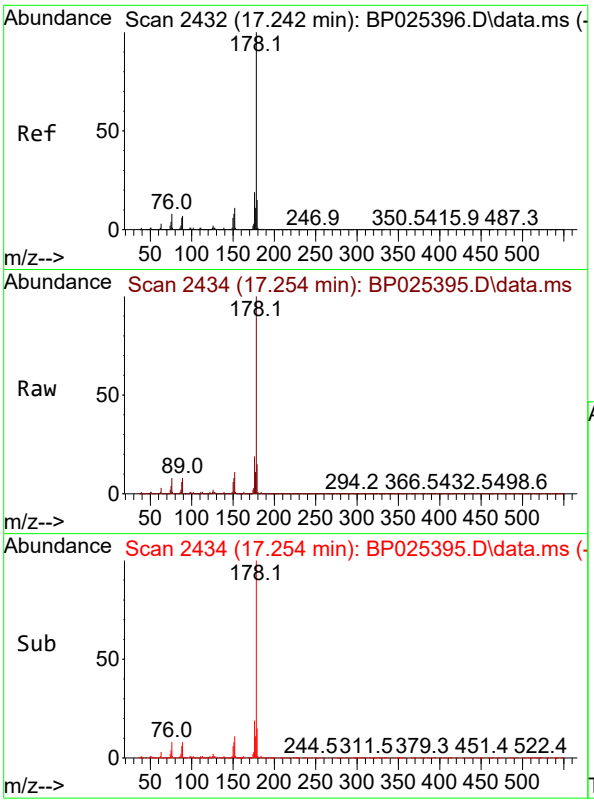


#70
Pentachlorophenol
Concen: 19.128 ng
RT: 16.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

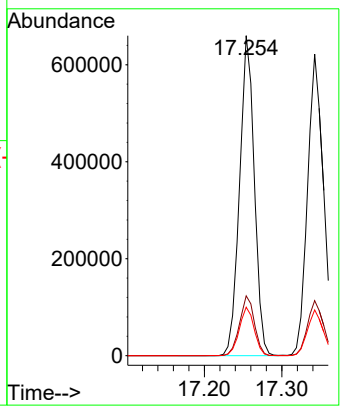




#71
Phenanthrene
Concen: 20.223 ng
RT: 17.254 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:178 Resp: 87289

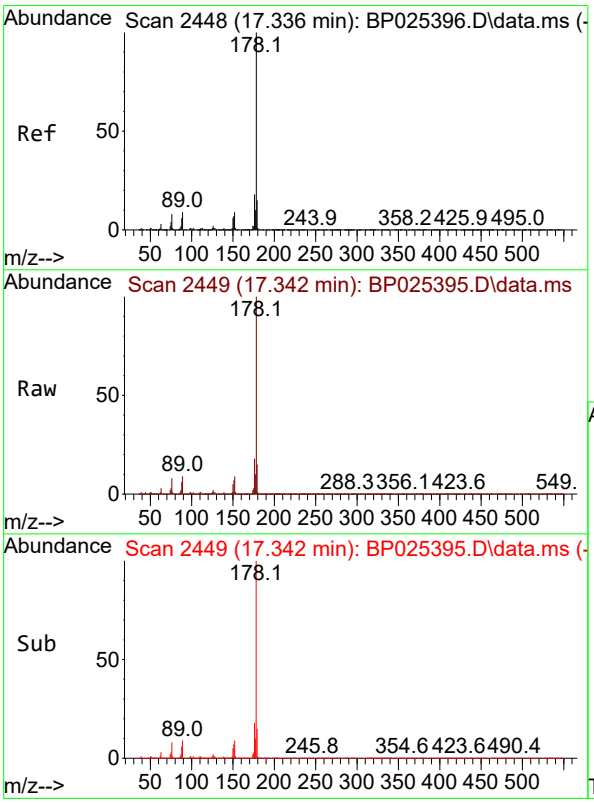
Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	15.2	12.2	18.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

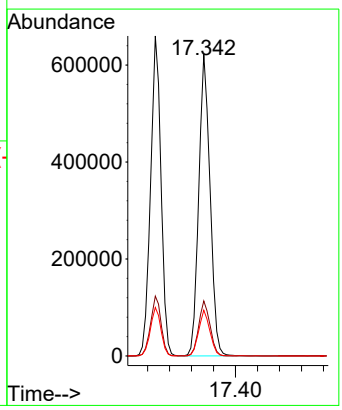
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

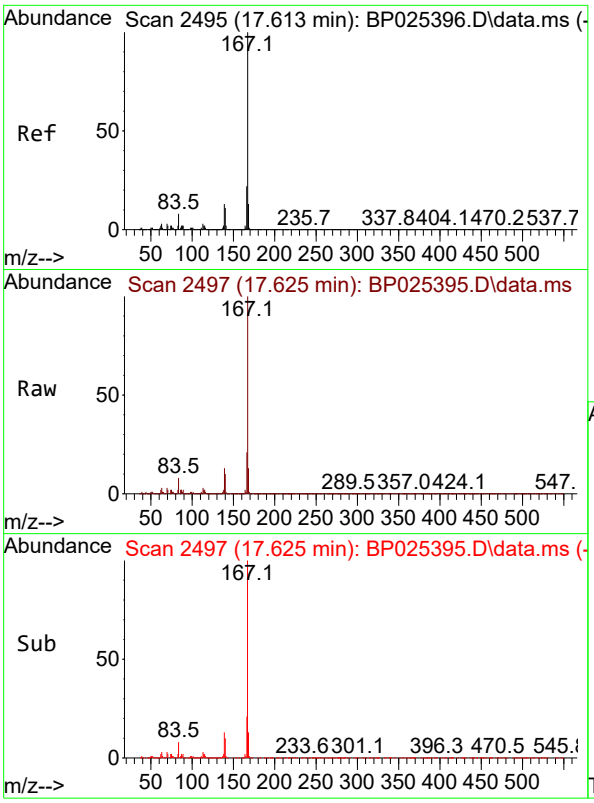


#72
Anthracene
Concen: 20.198 ng
RT: 17.342 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:178 Resp: 890292

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	15.2	12.2	18.2

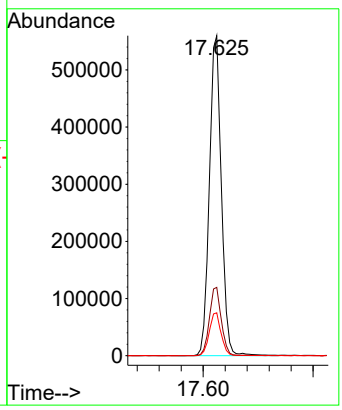




#73
Carbazole
Concen: 20.328 ng
RT: 17.625 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:167 Resp: 84397

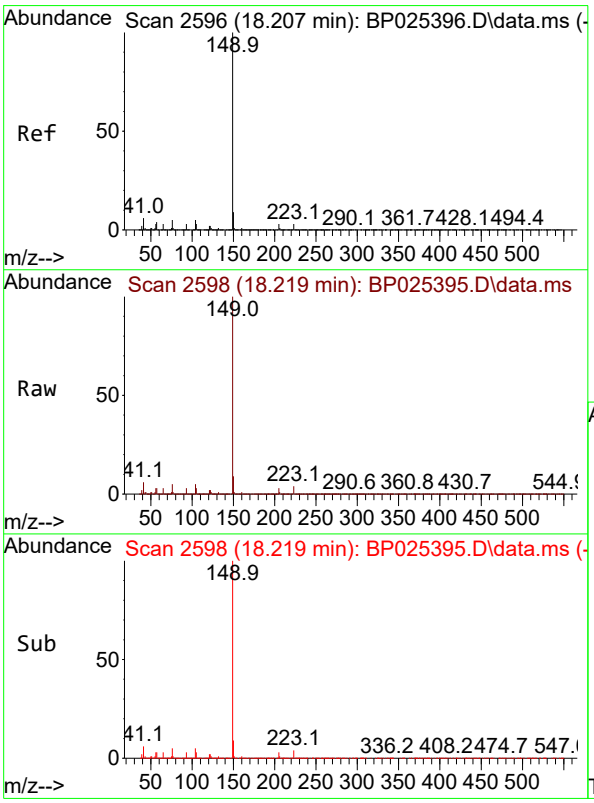
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.5	26.3
139	13.4	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

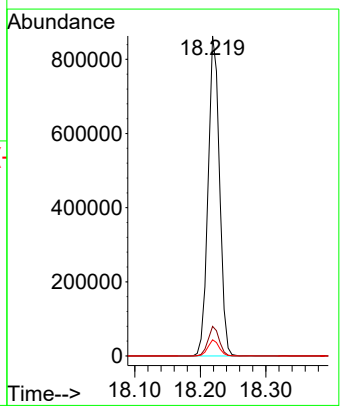
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

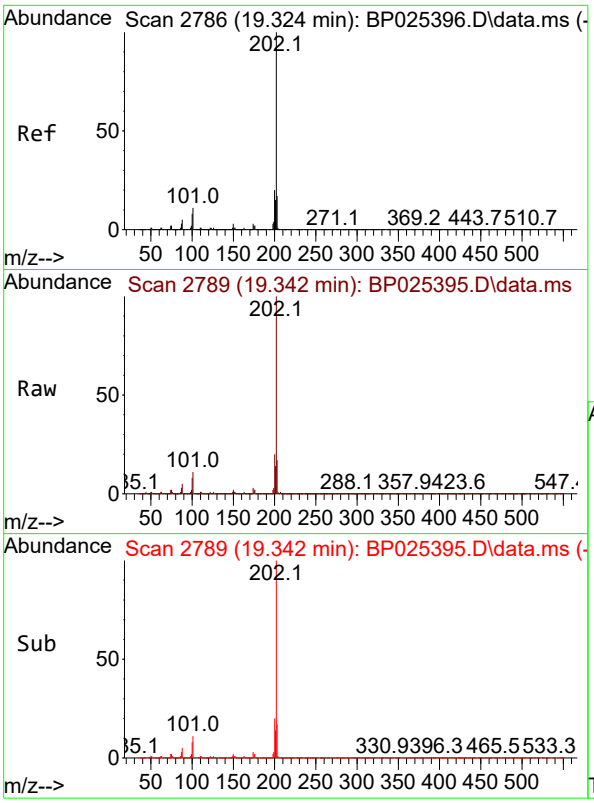


#74
Di-n-butylphthalate
Concen: 20.491 ng
RT: 18.219 min Scan# 2598
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:149 Resp: 1046709

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.1	4.2	6.2





#75
Fluoranthene
Concen: 20.567 ng
RT: 19.342 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

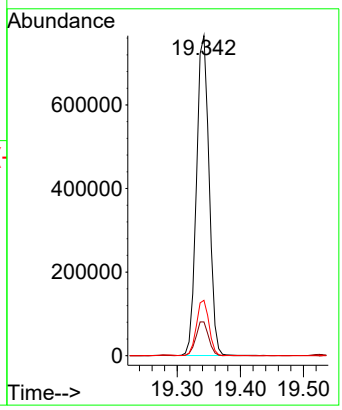
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

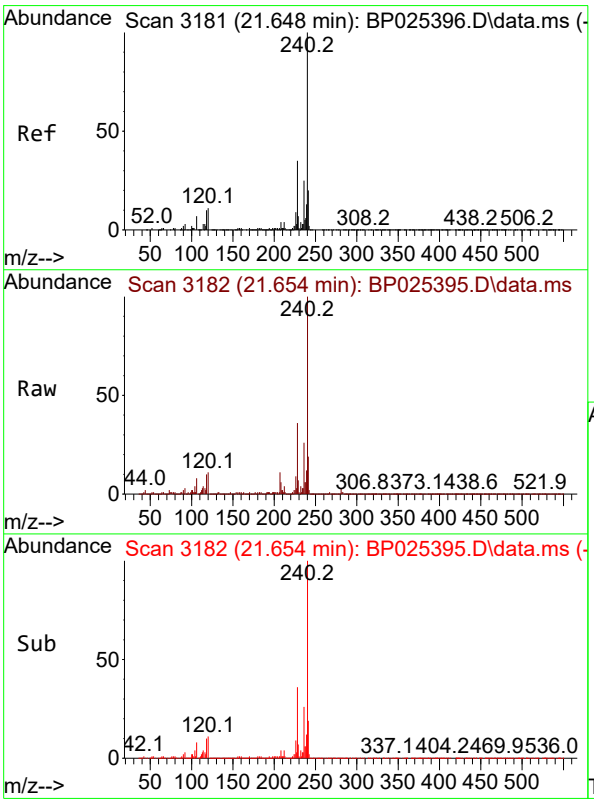
Tgt Ion:202 Resp: 105891

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.1
203	17.3	0.0	37.3

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

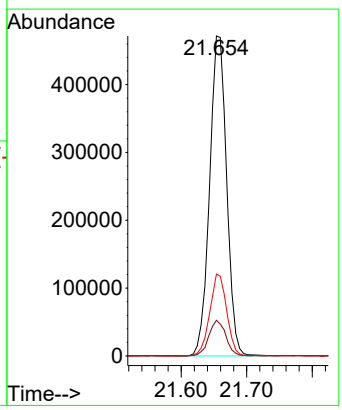


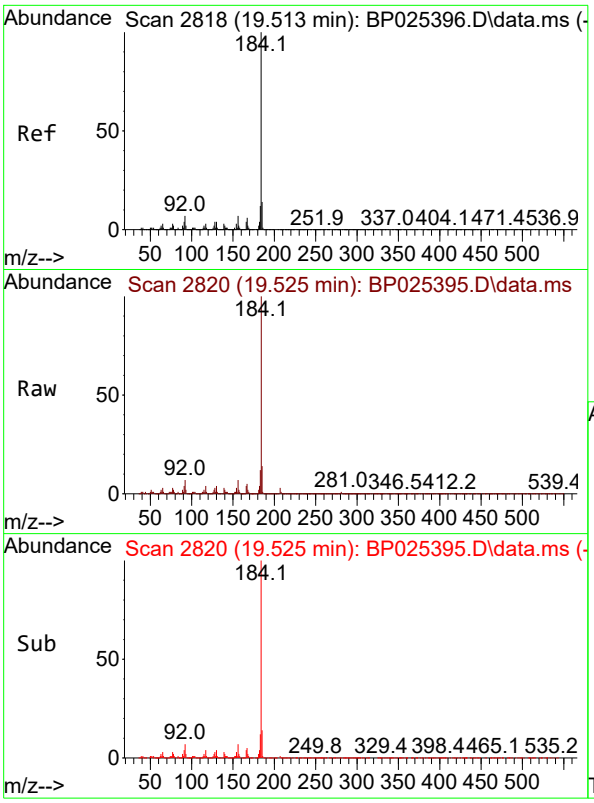


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3182
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

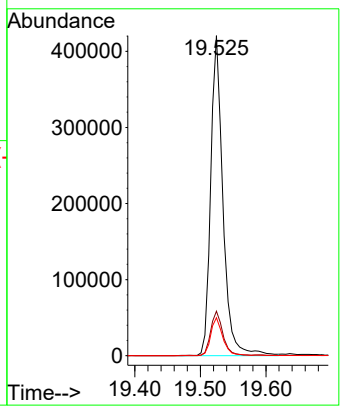




#77
Benzidine
Concen: 18.799 ng
RT: 19.525 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:184 Resp: 54664

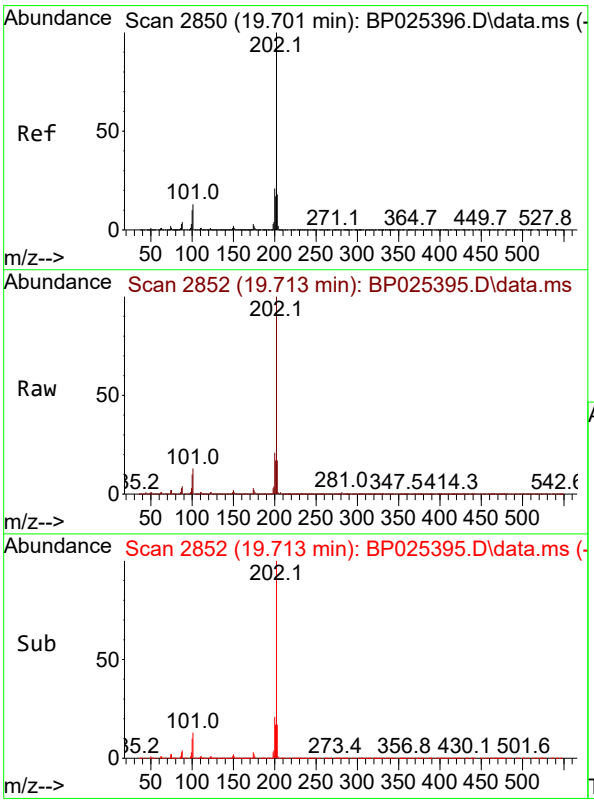
Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.5	17.3
183	11.9	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

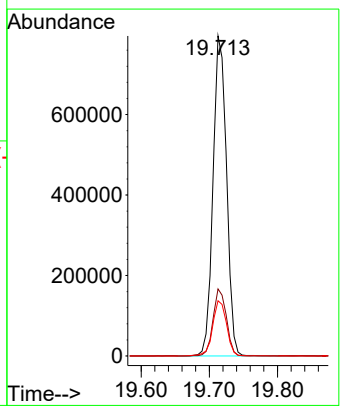
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

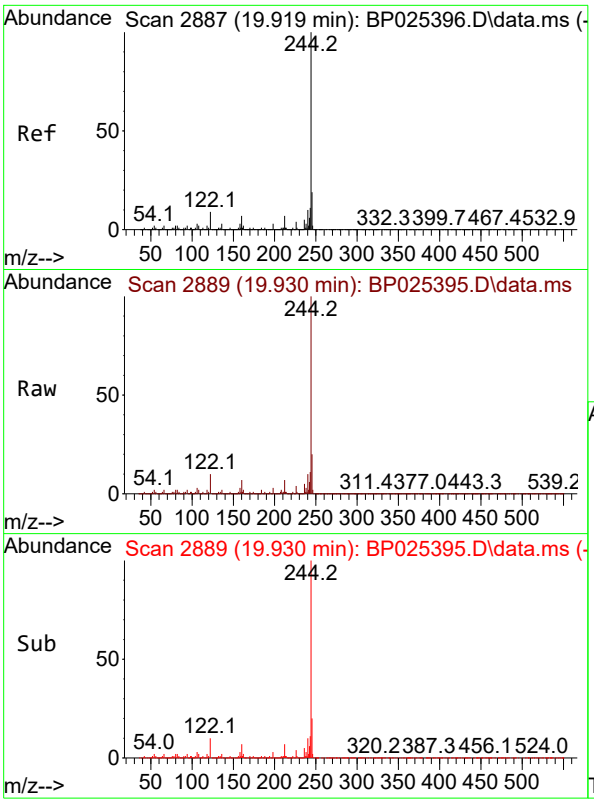


#78
Pyrene
Concen: 19.807 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

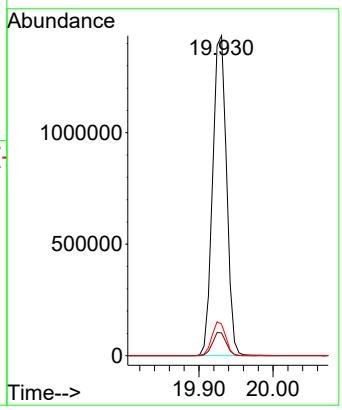




#79
Terphenyl-d14
Concen: 40.152 ng
RT: 19.930 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:244 Resp: 186995

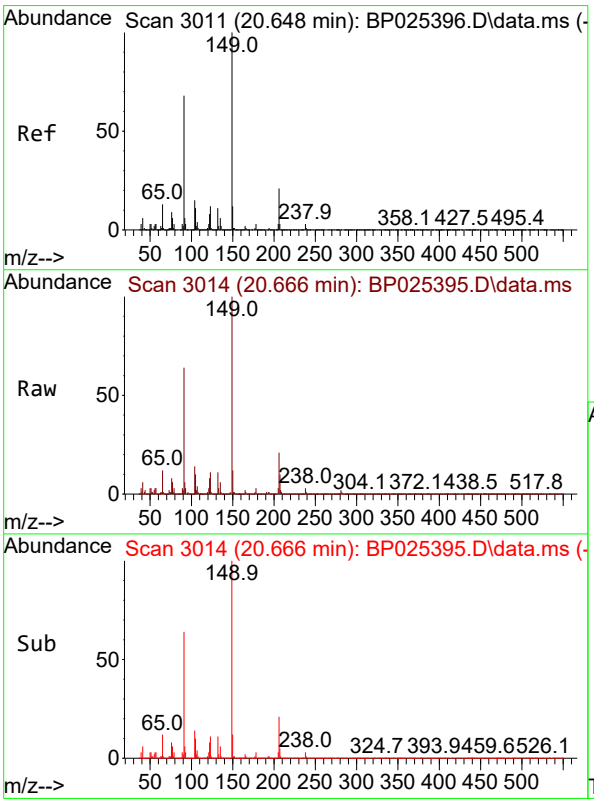
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	9.9	7.4	11.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

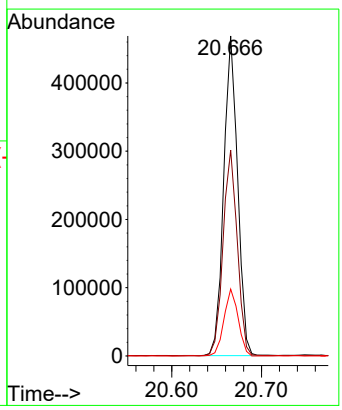
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

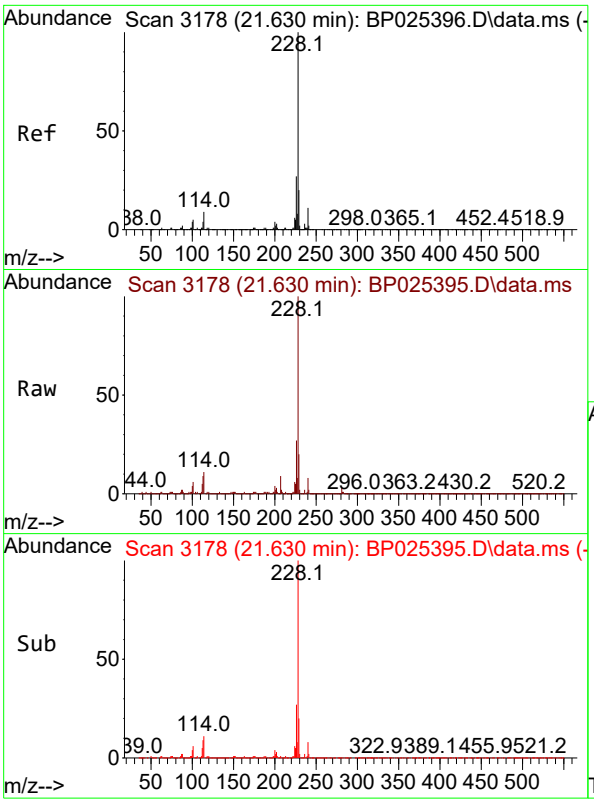


#80
Butylbenzylphthalate
Concen: 20.081 ng
RT: 20.666 min Scan# 3014
Delta R.T. 0.018 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:149 Resp: 504019

Ion	Ratio	Lower	Upper
149	100		
91	64.4	54.2	81.2
206	20.9	16.6	24.8

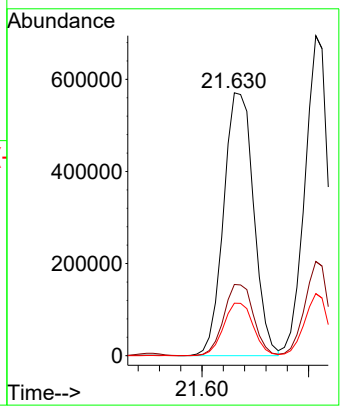




#81
Benzo(a)anthracene
Concen: 19.906 ng
RT: 21.630 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:228 Resp: 111859

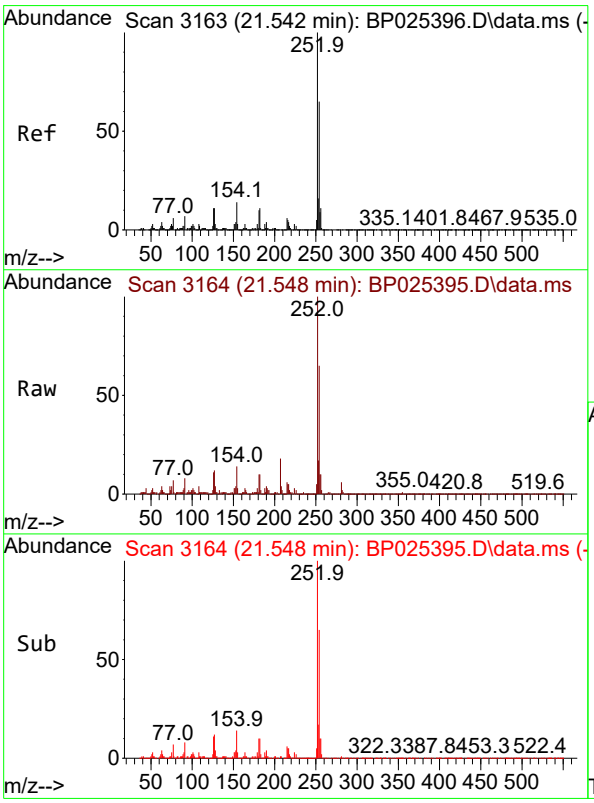
Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.9	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

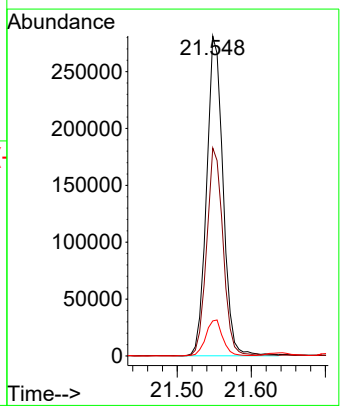
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

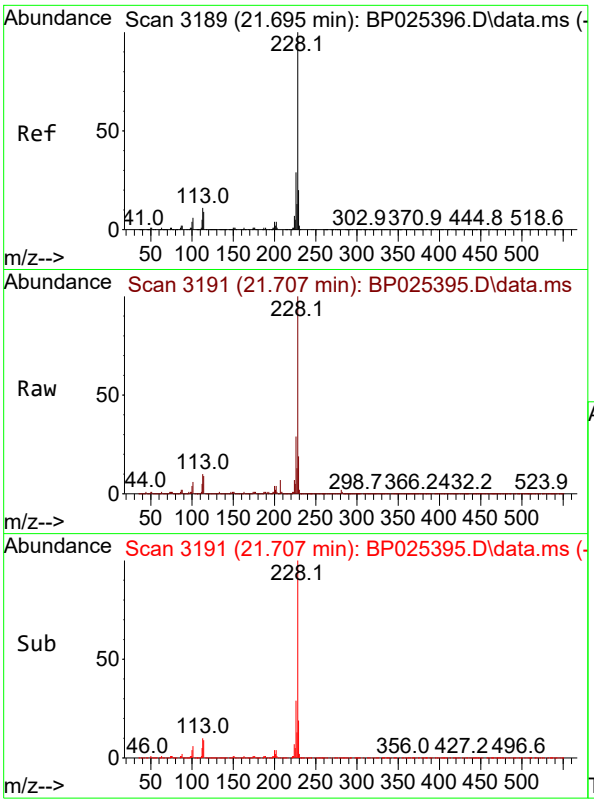


#82
3,3'-Dichlorobenzidine
Concen: 20.399 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:252 Resp: 432075

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.8	77.6
126	10.9	9.1	13.7

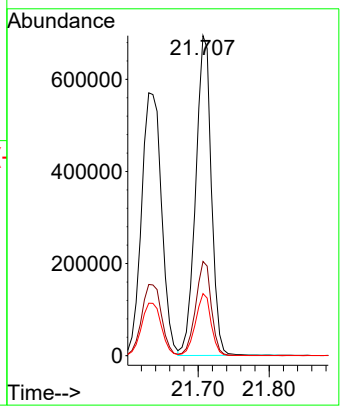




#83
Chrysene
Concen: 20.216 ng
RT: 21.707 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:228 Resp: 106389

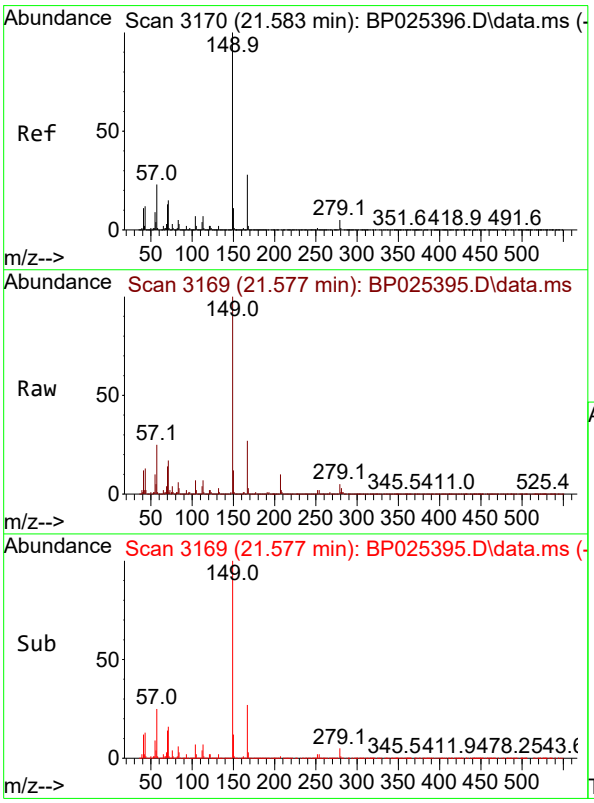
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.2	34.8
229	19.4	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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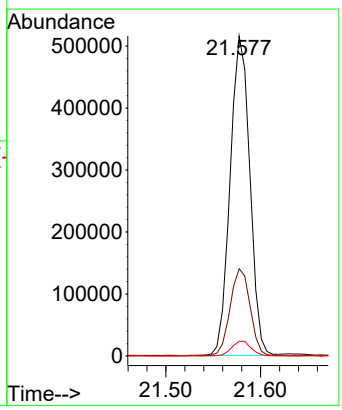
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

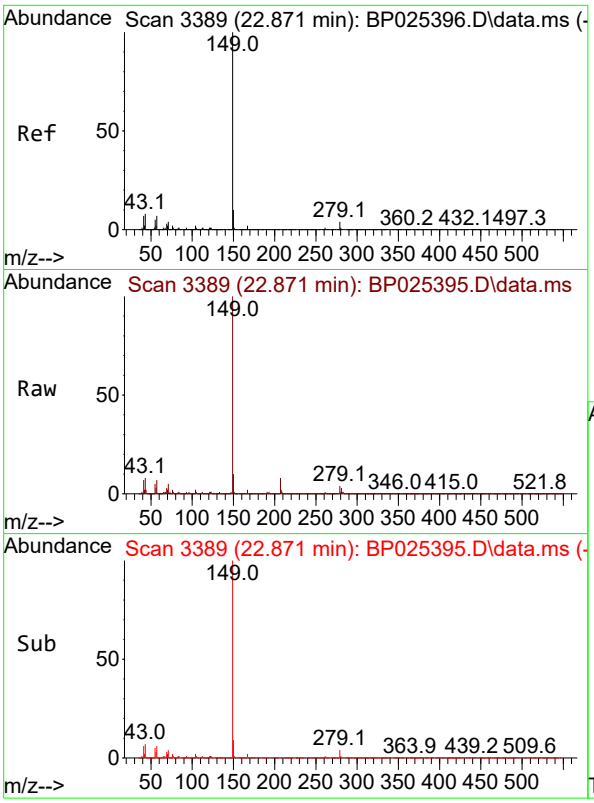


#84
Bis(2-ethylhexyl)phthalate
Concen: 20.155 ng
RT: 21.577 min Scan# 3169
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:149 Resp: 744704

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.1	33.1
279	4.6	3.8	5.6





#85
Di-n-octyl phthalate
Concen: 20.091 ng
RT: 22.871 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

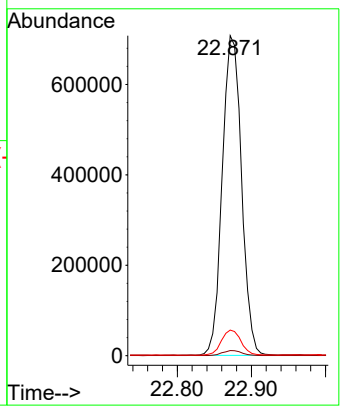
Tgt Ion:149 Resp: 127679

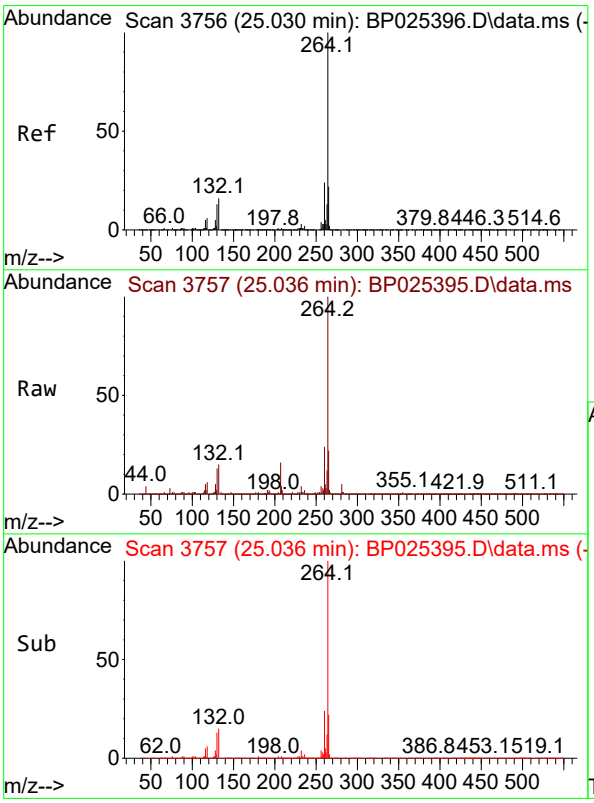
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.9	6.3	9.5

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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

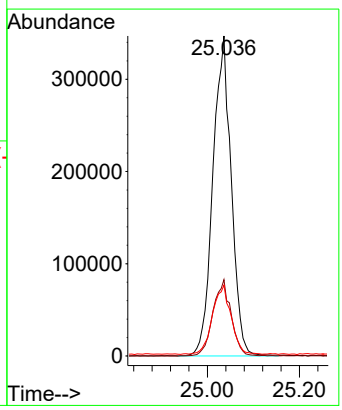


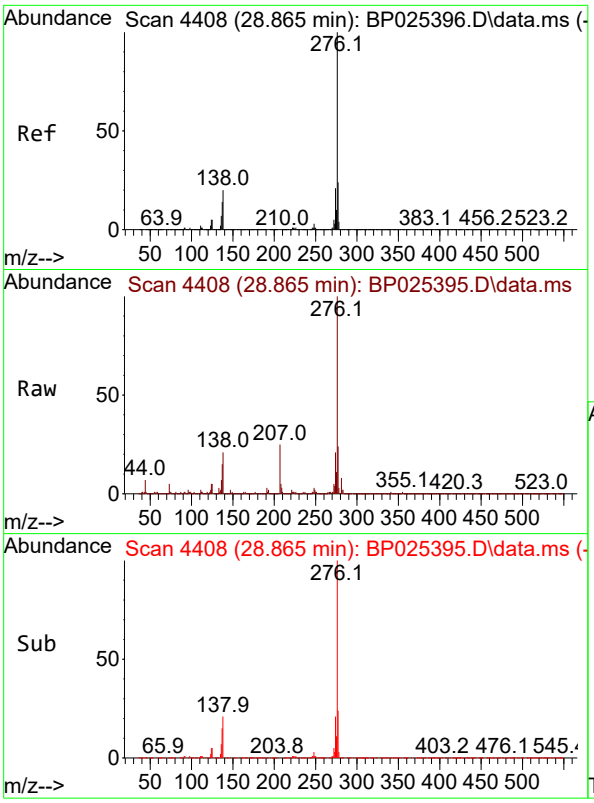


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:264 Resp: 958651

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	22.2	17.4	26.0

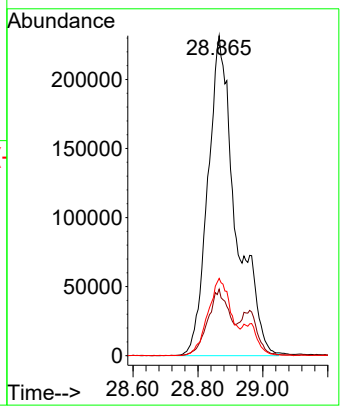




#87
Indeno(1,2,3-cd)pyrene
Concen: 19.627 ng m
RT: 28.865 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:276 Resp: 138033

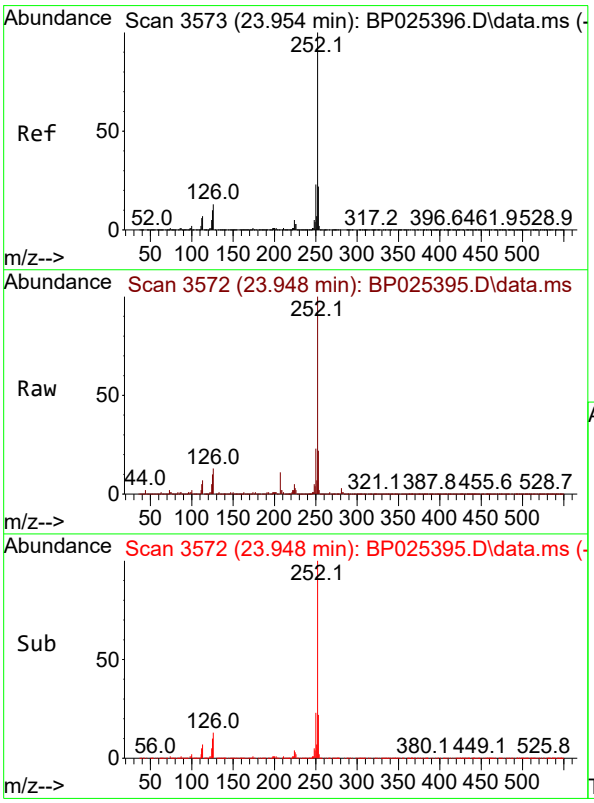
Ion	Ratio	Lower	Upper
276	100		
138	16.2	12.9	19.3
277	20.1	17.0	25.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

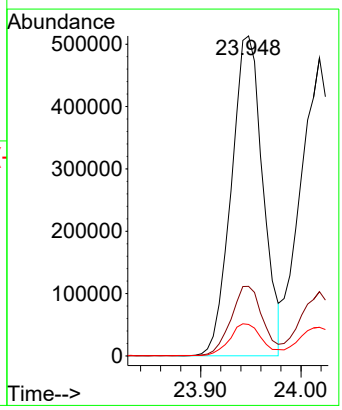
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

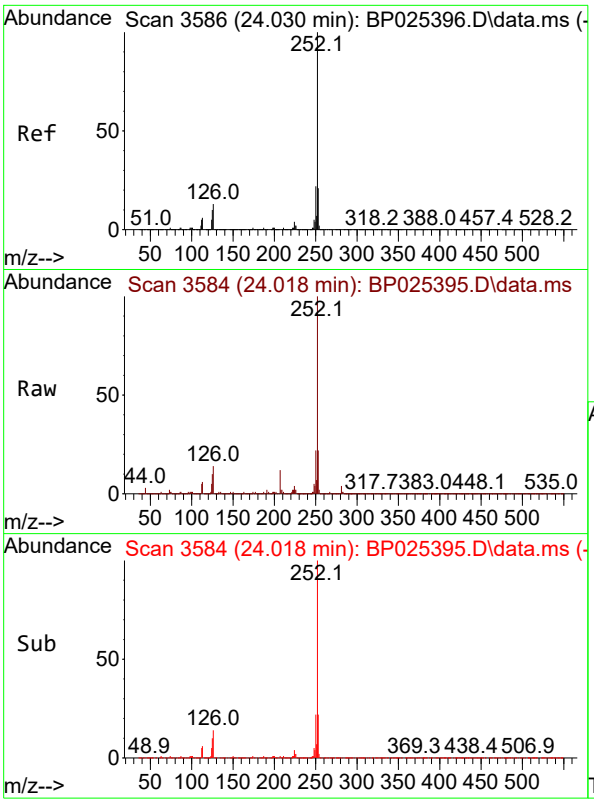


#88
Benzo(b)fluoranthene
Concen: 19.855 ng
RT: 23.948 min Scan# 3572
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:252 Resp: 1122408

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	9.9	7.9	11.9

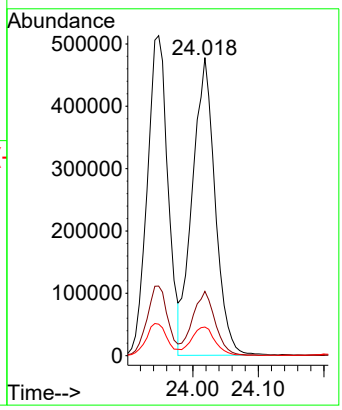




#89
Benzo(k)fluoranthene
Concen: 20.336 ng
RT: 24.018 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:252 Resp: 115036

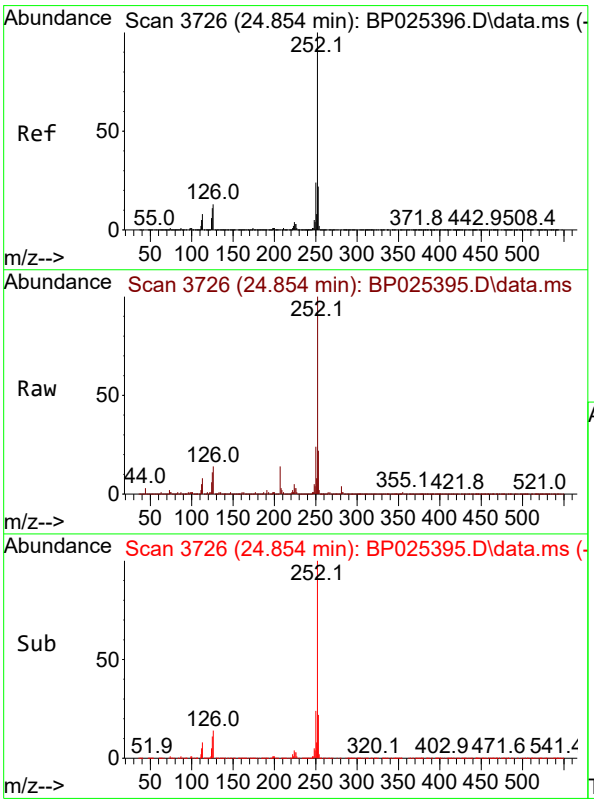
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	9.6	7.8	11.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

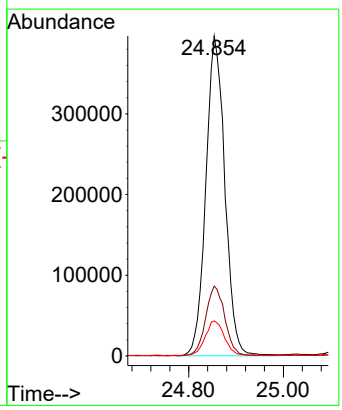
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

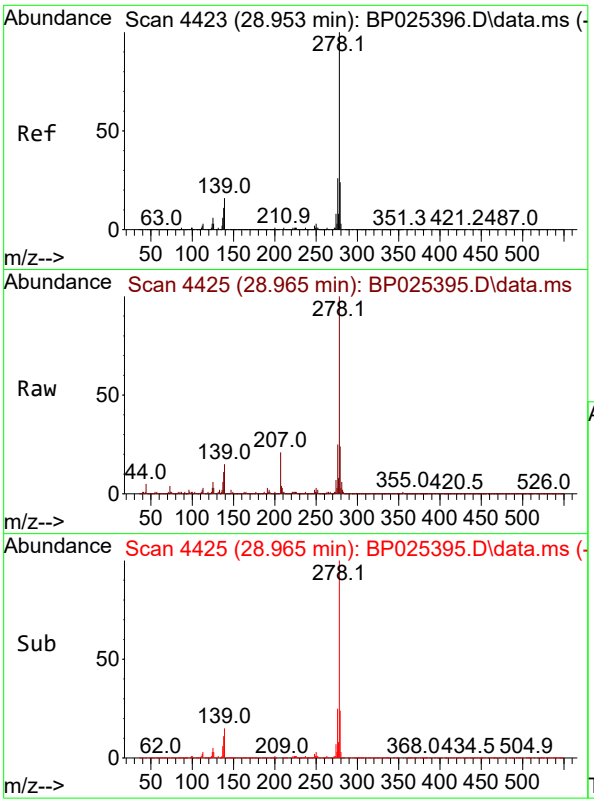


#90
Benzo(a)pyrene
Concen: 20.041 ng
RT: 24.854 min Scan# 3726
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:252 Resp: 1102804

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.9	8.7	13.1

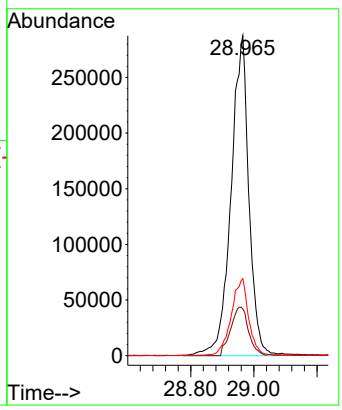




#91
Dibenzo(a,h)anthracene
Concen: 19.672 ng
RT: 28.965 min Scan# 44
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:278 Resp: 113020

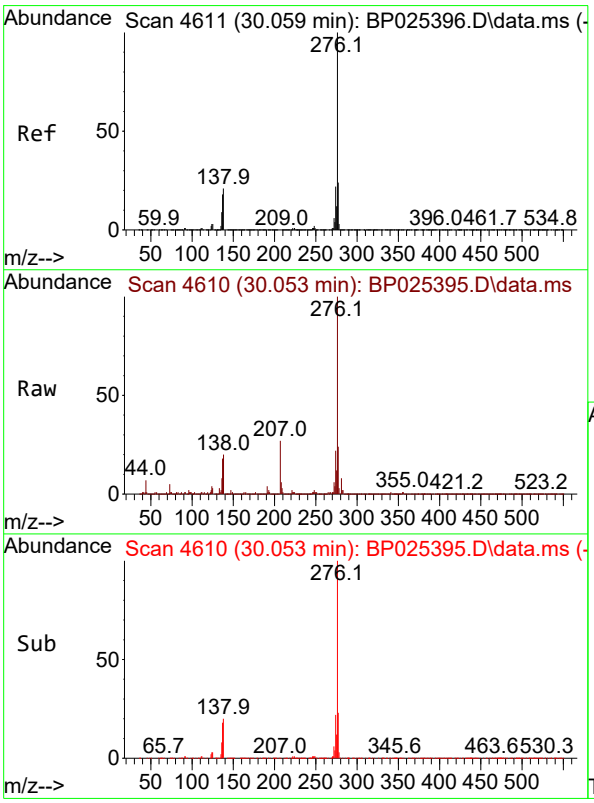
Ion	Ratio	Lower	Upper
278	100		
139	14.6	13.0	19.4
279	24.1	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

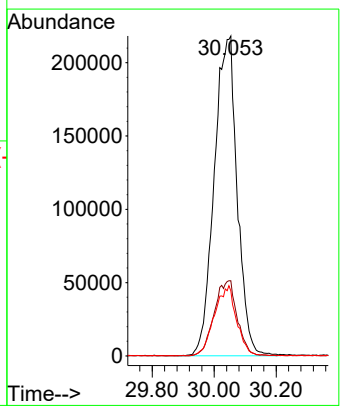
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 19.840 ng
RT: 30.053 min Scan# 4610
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:276 Resp: 1120307

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.4	29.0
138	20.4	16.7	25.1



Quantitation Report (QT Reviewed)

ICAL Form

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

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

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	157704	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	663553	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	441110	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	884529	20.000	ng	0.00
76) Chrysene-d12	21.648	240	899207	20.000	ng	0.00
86) Perylene-d12	25.030	264	1022138	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	733191	77.209	ng	0.00
7) Phenol-d6	6.966	99	954285	78.381	ng	0.00
23) Nitrobenzene-d5	8.937	82	1015557	77.420	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	463783	78.112	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	2456787	76.118	ng	0.00
79) Terphenyl-d14	19.919	244	3760236	76.508	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	140326	37.726	ng	100
3) Pyridine	3.731	79	384936	37.809	ng	100
4) n-Nitrosodimethylamine	3.637	42	161267	38.421	ng	100
6) Aniline	7.125	93	637156	38.842	ng	100
8) 2-Chlorophenol	7.366	128	414233	38.655	ng	100
9) Benzaldehyde	6.943	77	430704	50.493	ng	100
10) Phenol	6.996	94	496755	38.884	ng	100
11) bis(2-Chloroethyl)ether	7.219	93	385335	38.698	ng	100
12) 1,3-Dichlorobenzene	7.684	146	455200	38.523	ng	100
13) 1,4-Dichlorobenzene	7.831	146	462800	38.319	ng	100
14) 1,2-Dichlorobenzene	8.143	146	451306	38.602	ng	100
15) Benzyl Alcohol	8.025	79	376323	38.901	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.313	45	510991	38.308	ng	100
17) 2-Methylphenol	8.225	107	349313	39.369	ng	100
18) Hexachloroethane	8.866	117	171906	38.712	ng	100
19) n-Nitroso-di-n-propyla...	8.590	70	312773	38.737	ng	100
20) 3+4-Methylphenols	8.549	107	481148	39.121	ng	100
22) Acetophenone	8.601	105	644124	38.708	ng	100
24) Nitrobenzene	8.972	77	457175	38.997	ng	100
25) Isophorone	9.501	82	893987	38.510	ng	100
26) 2-Nitrophenol	9.678	139	239675	39.837	ng	100
27) 2,4-Dimethylphenol	9.743	122	408572	39.489	ng	100
28) bis(2-Chloroethoxy)met...	9.972	93	540282	38.502	ng	100
29) 2,4-Dichlorophenol	10.213	162	405233	39.427	ng	100
30) 1,2,4-Trichlorobenzene	10.425	180	434105	38.529	ng	100
31) Naphthalene	10.613	128	1326839	38.472	ng	100
32) Benzoic acid	9.872	122	301281	39.537	ng	100
33) 4-Chloroaniline	10.713	127	599466	39.350	ng	100
34) Hexachlorobutadiene	10.901	225	271549	38.700	ng	100
35) Caprolactam	11.495	113	145175	38.520	ng	100
36) 4-Chloro-3-methylphenol	11.837	107	459473	38.959	ng	100
37) 2-Methylnaphthalene	12.219	142	865427	38.559	ng	100
38) 1-Methylnaphthalene	12.437	142	909865	38.120	ng	100
40) 1,2,4,5-Tetrachloroben...	12.590	216	494141	38.787	ng	100
41) Hexachlorocyclopentadiene	12.572	237	307015	39.896	ng	100
43) 2,4,6-Trichlorophenol	12.825	196	337157	39.201	ng	100

ICAL Form

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

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	373880	39.664	ng	100
46) 1,1'-Biphenyl	13.231	154	1242247	38.777	ng	100
47) 2-Chloronaphthalene	13.272	162	970903	38.930	ng	100
48) 2-Nitroaniline	13.472	65	291341	40.092	ng	100
49) Acenaphthylene	14.125	152	1593636	38.617	ng	100
50) Dimethylphthalate	13.860	163	1237666	38.316	ng	100
51) 2,6-Dinitrotoluene	13.966	165	272750	40.061	ng	100
52) Acenaphthene	14.466	154	918569	37.921	ng	100
53) 3-Nitroaniline	14.301	138	301417	39.349	ng	100
54) 2,4-Dinitrophenol	14.507	184	144100	39.633	ng	100
55) Dibenzofuran	14.807	168	1479220	38.624	ng	100
56) 4-Nitrophenol	14.613	139	246542	39.168	ng	100
57) 2,4-Dinitrotoluene	14.766	165	386189	39.757	ng	100
58) Fluorene	15.466	166	1151825	38.115	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.036	232	324396	38.975	ng	100
60) Diethylphthalate	15.236	149	1264740	38.533	ng	100
61) 4-Chlorophenyl-phenyle...	15.460	204	574546	38.228	ng	100
62) 4-Nitroaniline	15.478	138	309740	39.443	ng	100
63) Azobenzene	15.754	77	1091004	38.820	ng	100
65) 4,6-Dinitro-2-methylph...	15.542	198	217153	39.384	ng	100
66) n-Nitrosodiphenylamine	15.678	169	1045170	38.749	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	376864	38.739	ng	100
68) Hexachlorobenzene	16.489	284	428361	37.986	ng	100
69) Atrazine	16.654	200	386256	38.238	ng	100
70) Pentachlorophenol	16.842	266	278412	39.110	ng	100
71) Phenanthrene	17.242	178	1839191	37.851	ng	100
72) Anthracene	17.336	178	1908189	38.456	ng	100
73) Carbazole	17.613	167	1781890	38.125	ng	100
74) Di-n-butylphthalate	18.207	149	2201043	38.277	ng	100
75) Fluoranthene	19.324	202	2172758	37.488	ng	100
77) Benzidine	19.513	184	1738926	56.665	ng	100
78) Pyrene	19.701	202	2290461	39.189	ng	100
80) Butylbenzylphthalate	20.648	149	1041998	39.338	ng	100
81) Benzo(a)anthracene	21.630	228	2280774	38.460	ng	100
82) 3,3'-Dichlorobenzidine	21.542	252	877708	39.266	ng	100
83) Chrysene	21.695	228	2125866	38.278	ng	100
84) Bis(2-ethylhexyl)phtha...	21.583	149	1493804	38.310	ng	100
85) Di-n-octyl phthalate	22.871	149	2597558	38.730	ng	100
87) Indeno(1,2,3-cd)pyrene	28.865	276	2884713m	38.470	ng	
88) Benzo(b)fluoranthene	23.954	252	2318198	38.462	ng	100
89) Benzo(k)fluoranthene	24.030	252	2309091	38.285	ng	100
90) Benzo(a)pyrene	24.854	252	2265862	38.620	ng	100
91) Dibenzo(a,h)anthracene	28.953	278	2363840	38.589	ng	100
92) Benzo(g,h,i)perylene	30.059	276	2327292	38.654	ng	100

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

ICAL Form

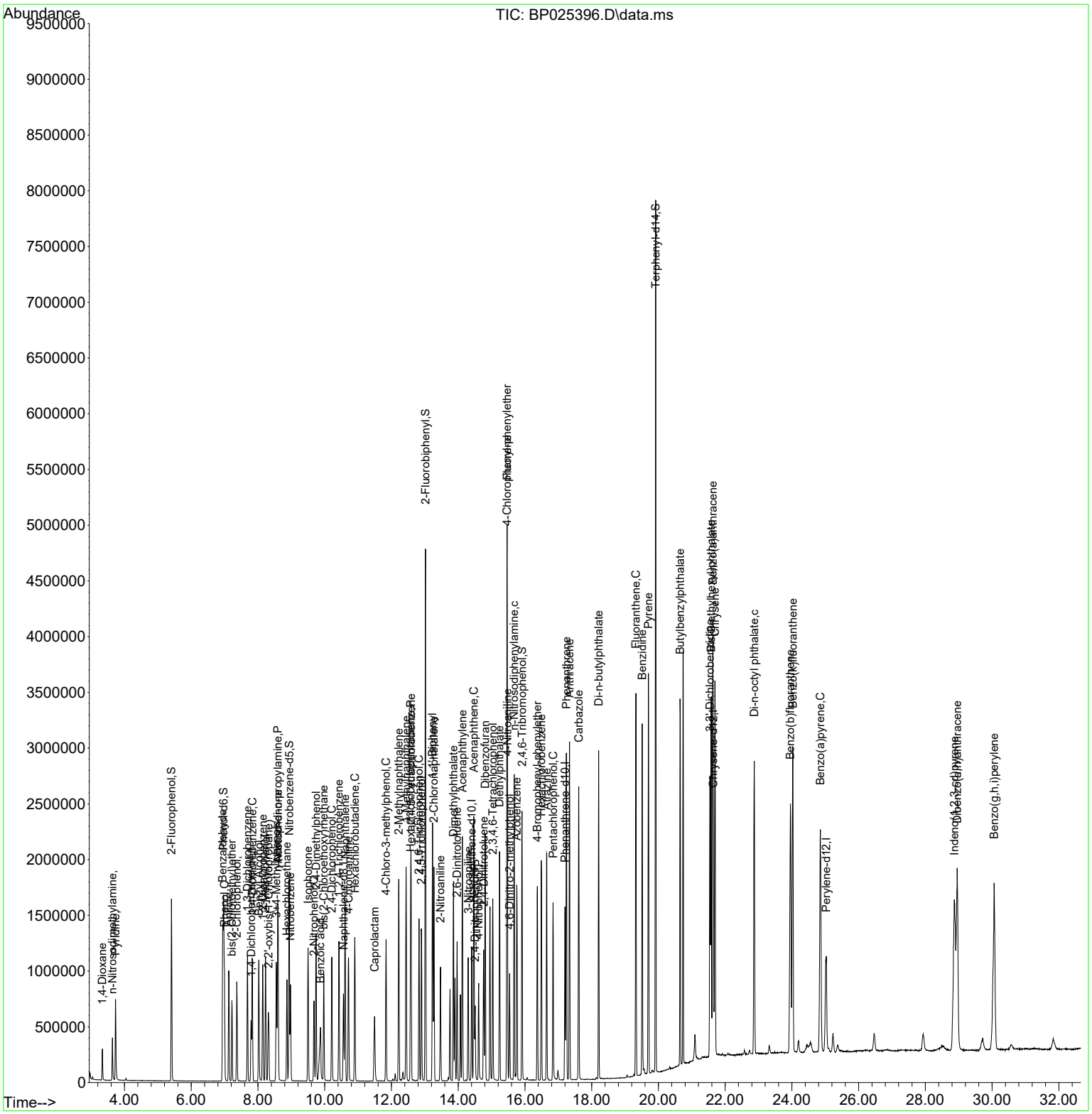
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Acq On : 14 Aug 2025 15:19
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

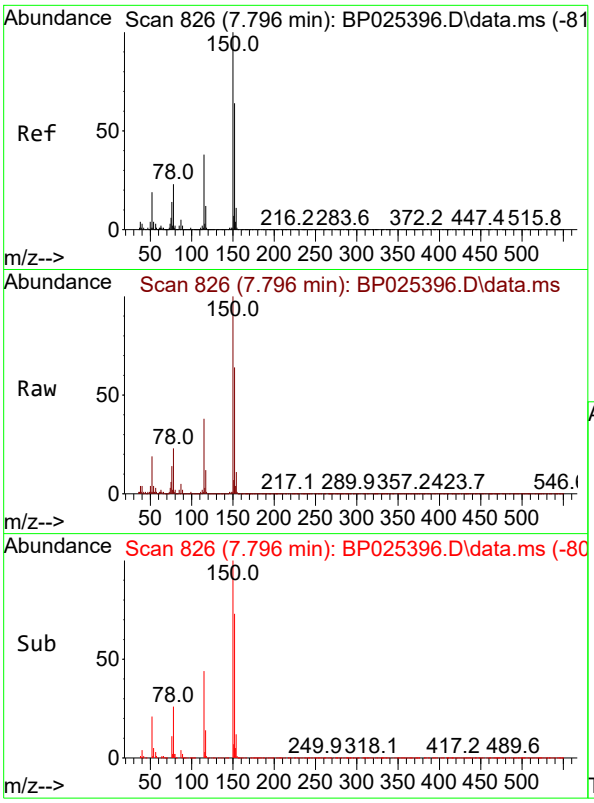
Quant Time: Aug 14 17:55:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

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

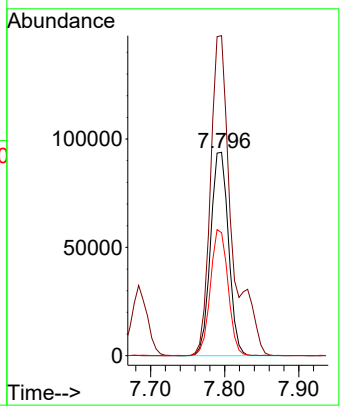




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:152 Resp: 15770

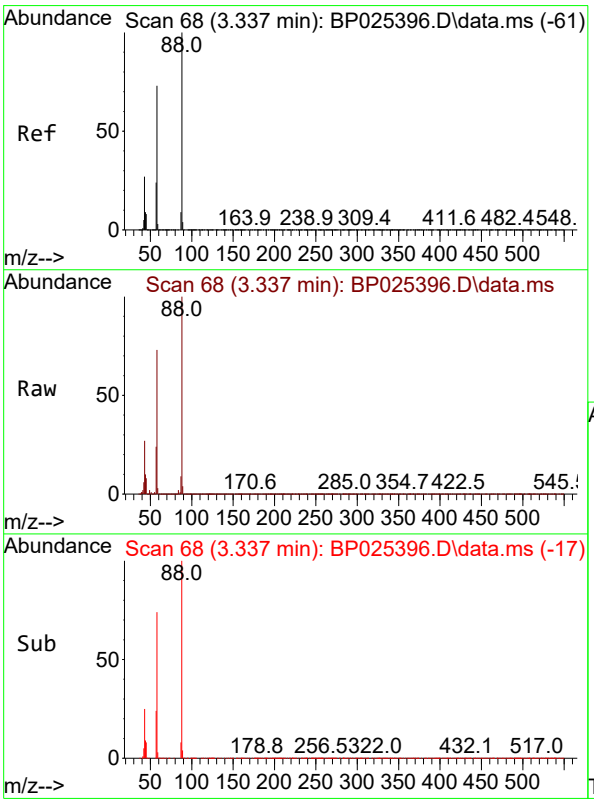
Ion	Ratio	Lower	Upper
152	100		
150	157.4	125.9	188.9
115	60.6	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

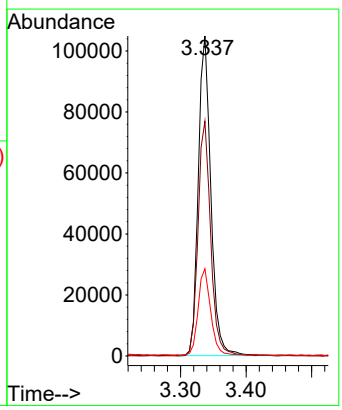
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

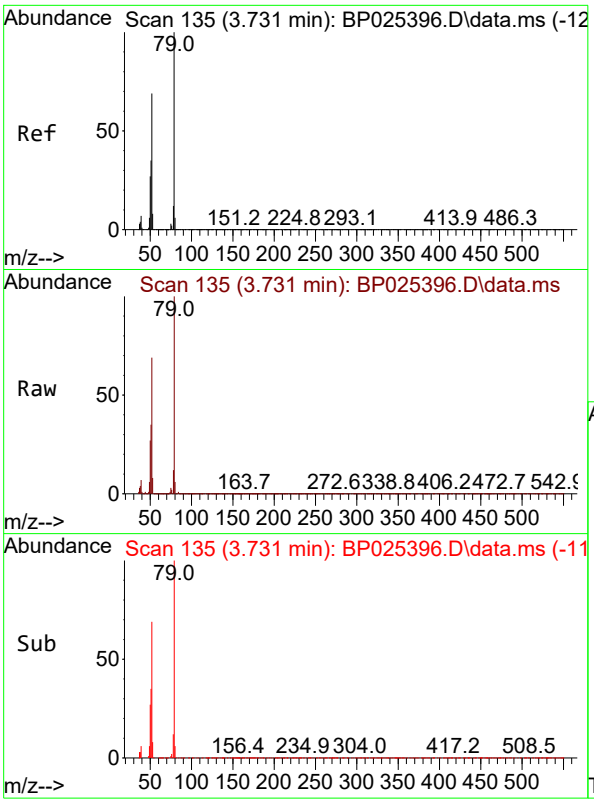


#2
1,4-Dioxane
Concen: 37.726 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

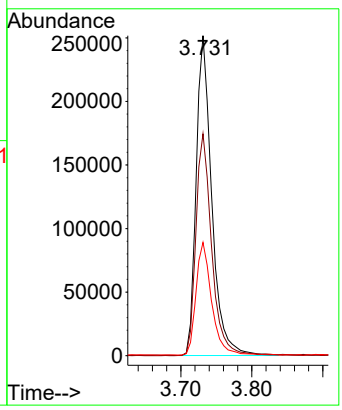




#3
Pyridine
Concen: 37.809 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 79 Resp: 38493

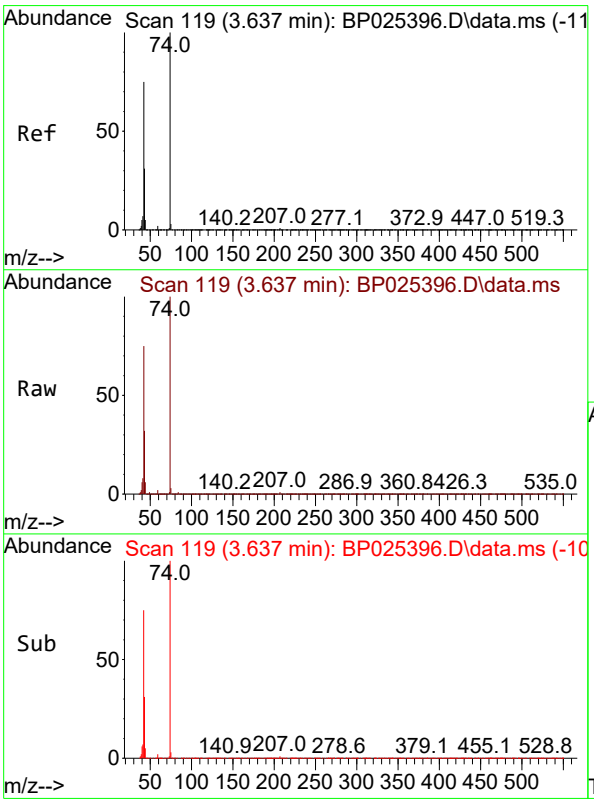
Ion	Ratio	Lower	Upper
79	100		
52	69.4	55.5	83.3
51	35.4	28.3	42.5



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

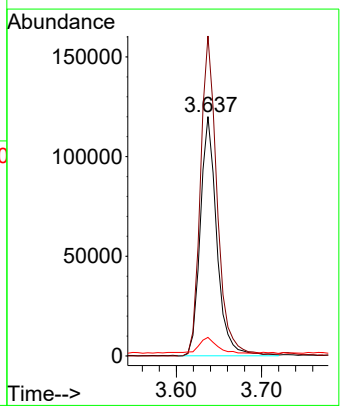
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

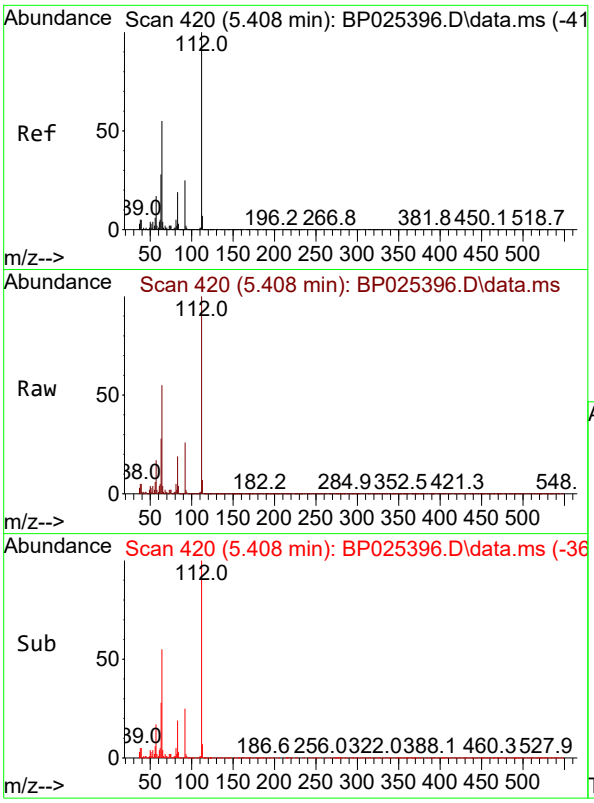


#4
n-Nitrosodimethylamine
Concen: 38.421 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

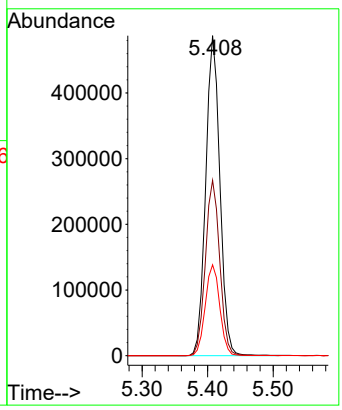




#5
2-Fluorophenol
Concen: 77.209 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:112 Resp: 73319

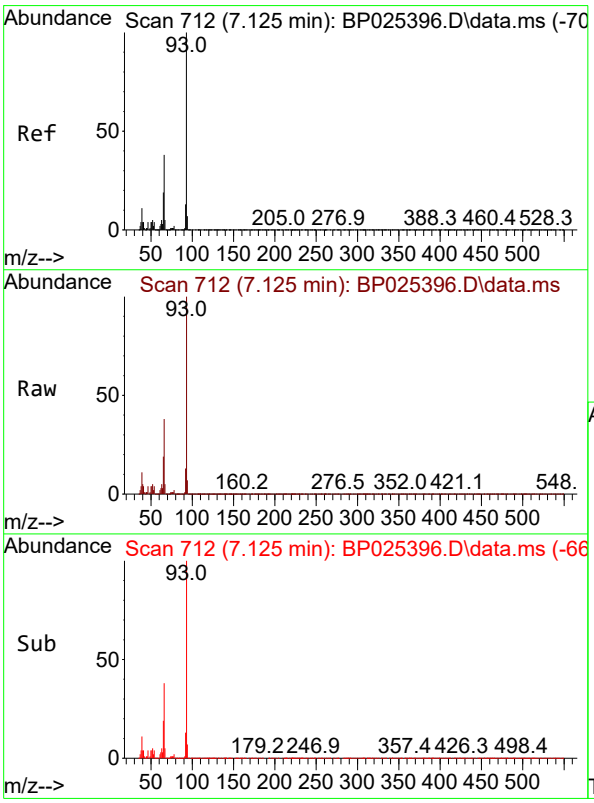
Ion	Ratio	Lower	Upper
112	100		
64	54.8	43.8	65.8
63	28.4	22.7	34.1



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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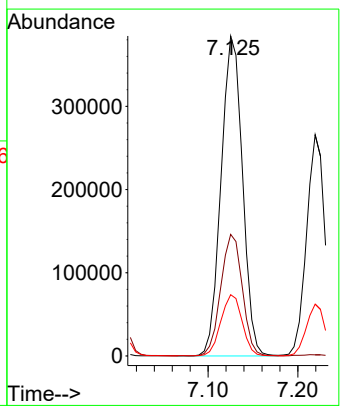
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

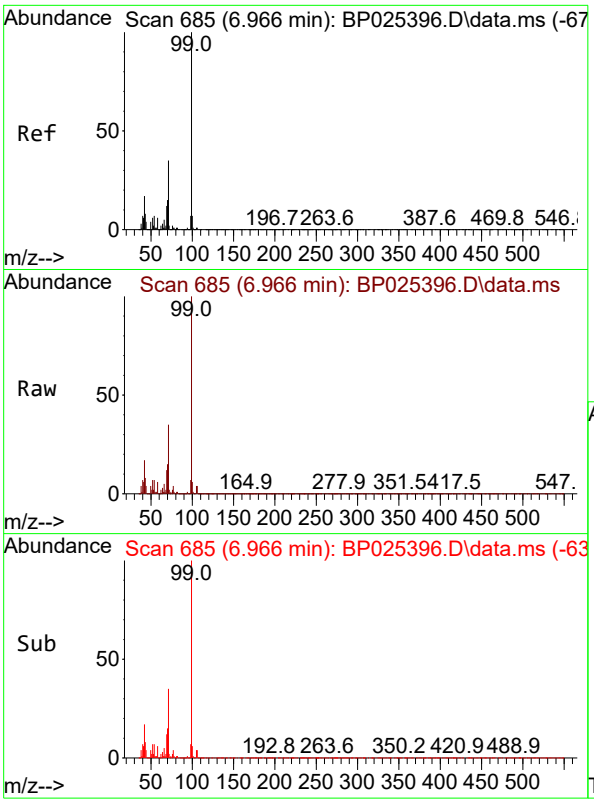


#6
Aniline
Concen: 38.842 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

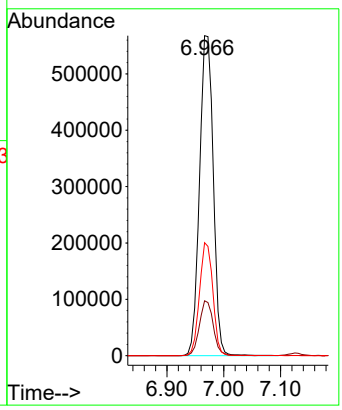




#7
Phenol-d6
Concen: 78.381 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 99 Resp: 95428

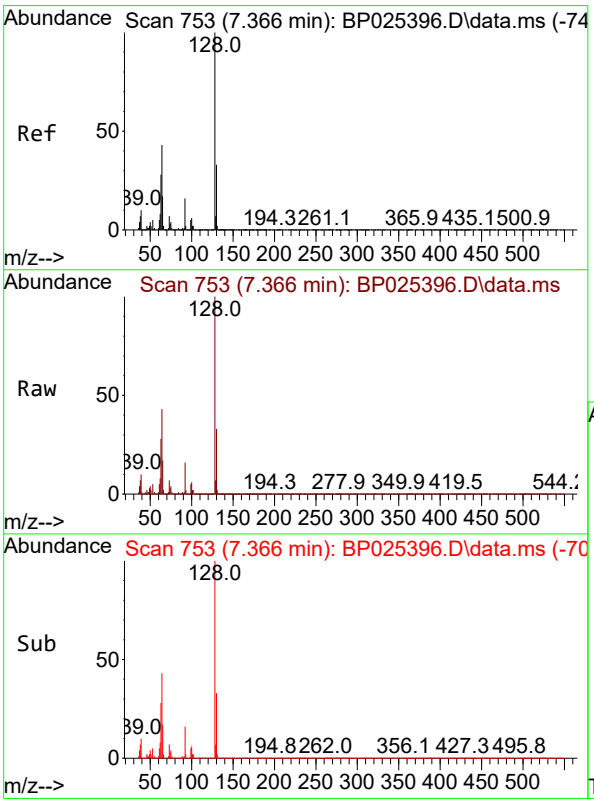
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.7	20.5
71	35.3	28.2	42.4



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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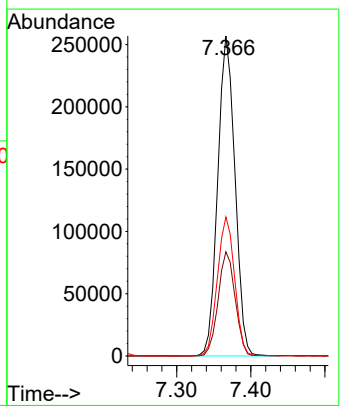
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

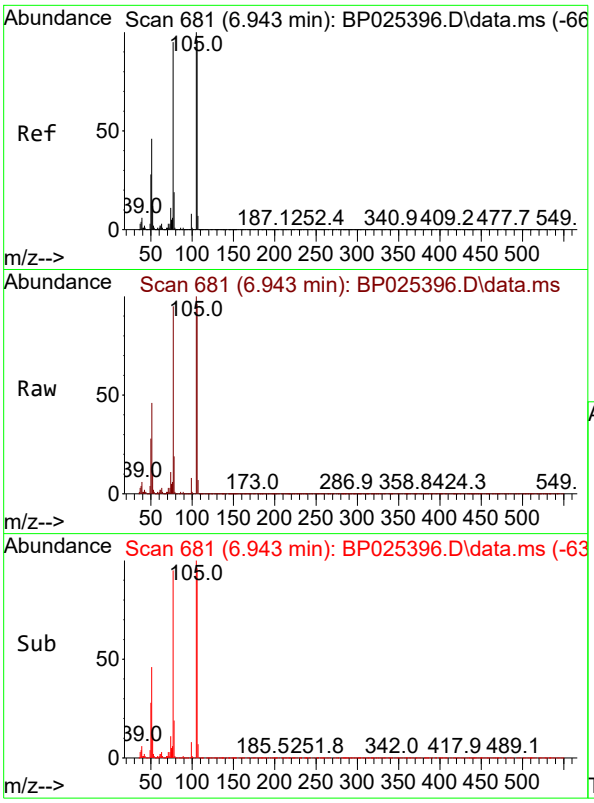


#8
2-Chlorophenol
Concen: 38.655 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:128 Resp: 414233

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	43.4	23.4	63.4

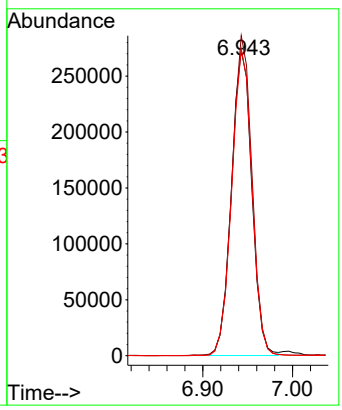




#9
Benzaldehyde
Concen: 50.493 ng
RT: 6.943 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 77 Resp: 43070

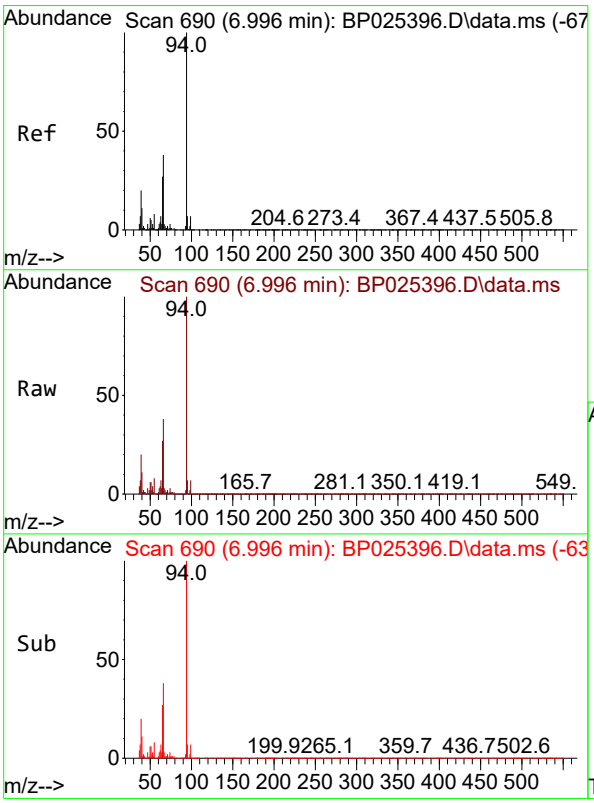
Ion	Ratio	Lower	Upper
77	100		
105	104.8	84.8	124.8
106	100.5	80.5	120.5



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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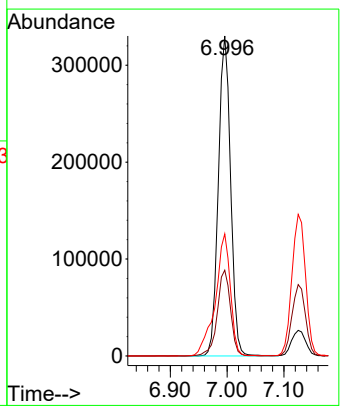
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

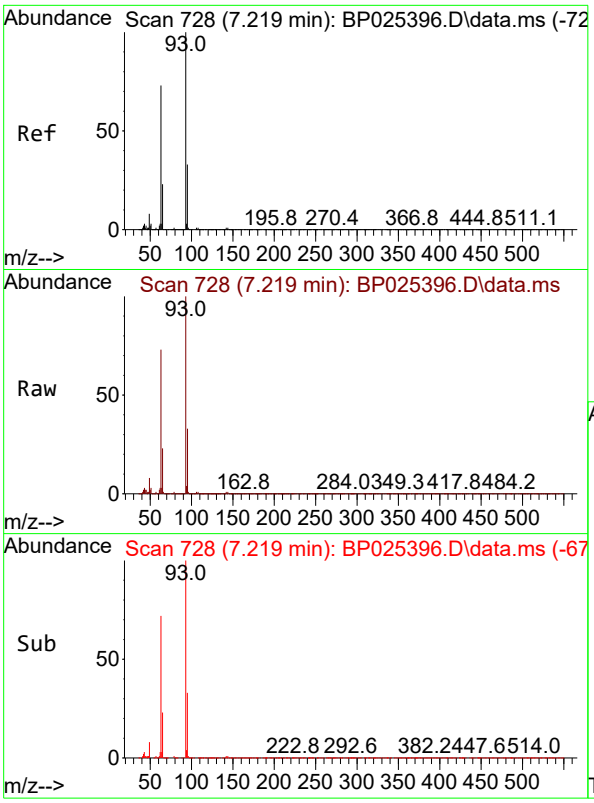


#10
Phenol
Concen: 38.884 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 94 Resp: 496755

Ion	Ratio	Lower	Upper
94	100		
65	26.8	6.8	46.8
66	38.2	18.2	58.2

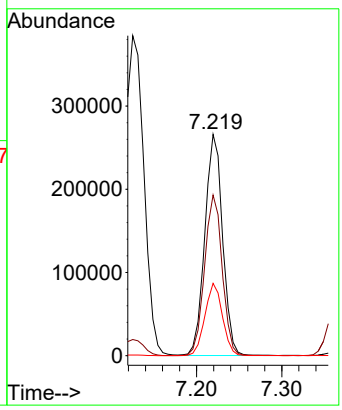




#11
bis(2-Chloroethyl)ether
Concen: 38.698 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 93 Resp: 38533

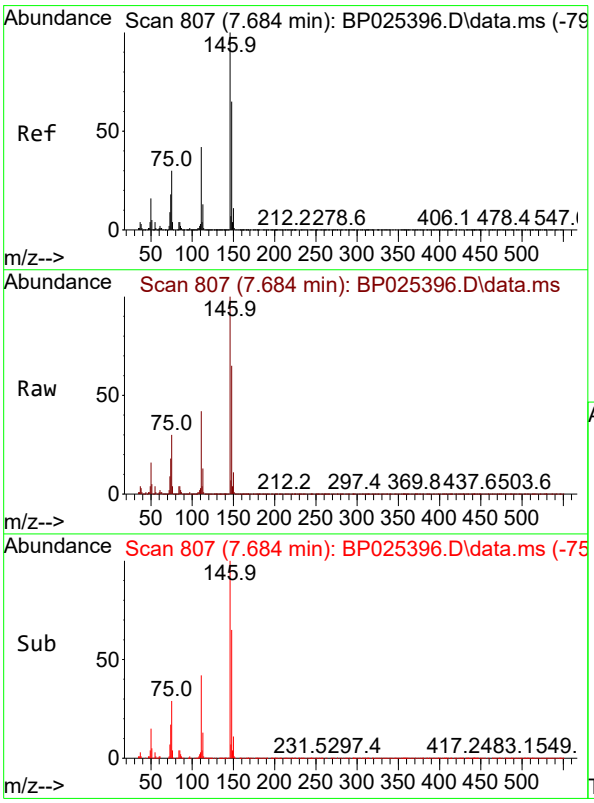
Ion	Ratio	Lower	Upper
93	100		
63	72.6	52.6	92.6
95	32.7	12.7	52.7



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

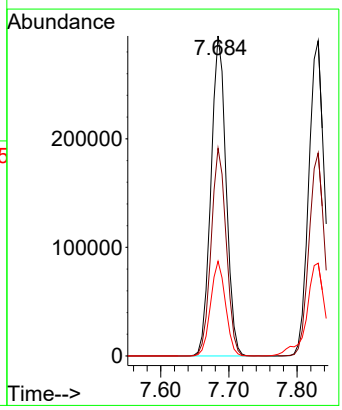
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

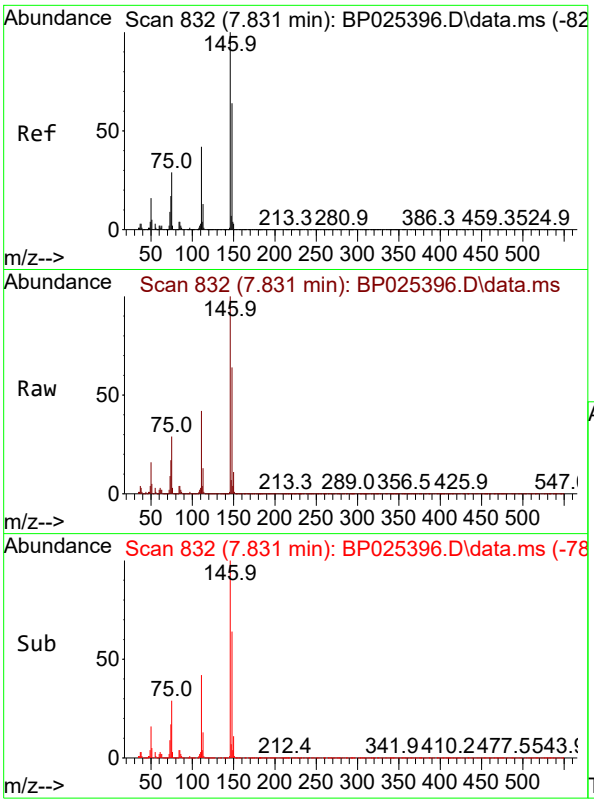


#12
1,3-Dichlorobenzene
Concen: 38.523 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:146 Resp: 455200

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
75	29.6	23.7	35.5

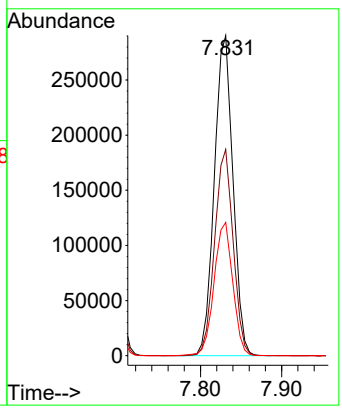




#13
1,4-Dichlorobenzene
Concen: 38.319 ng
RT: 7.831 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:146 Resp: 46280

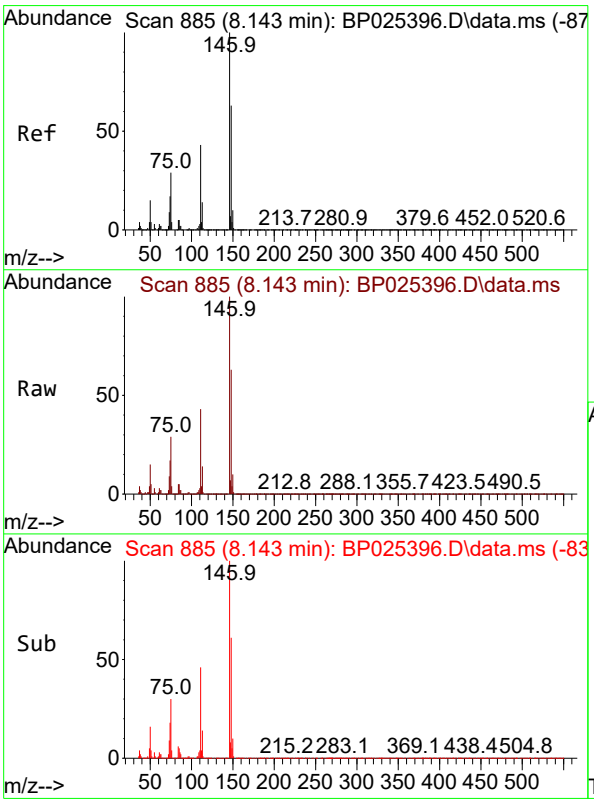
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.6	77.4
111	41.7	33.4	50.0



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

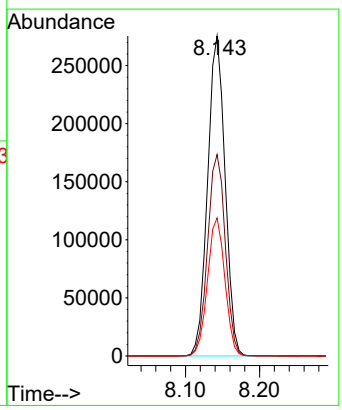
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

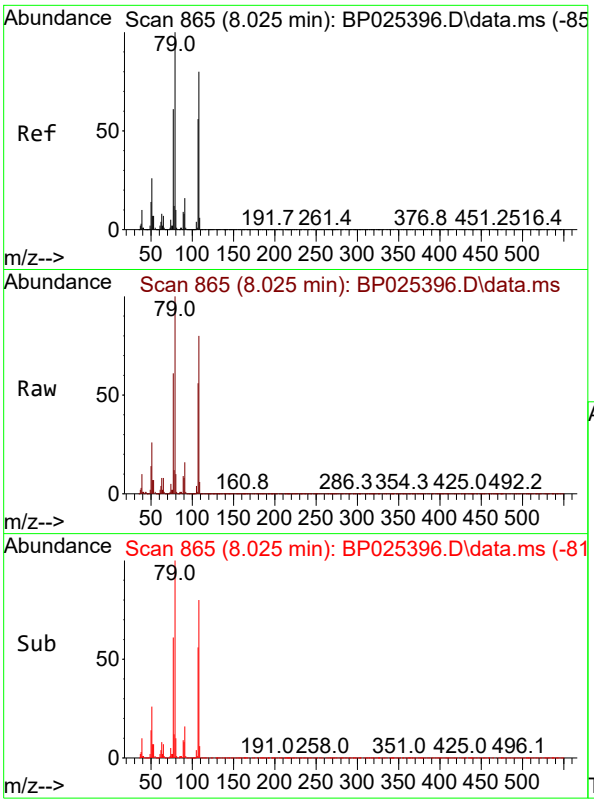


#14
1,2-Dichlorobenzene
Concen: 38.602 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:146 Resp: 451306

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.4	75.6
111	43.1	34.5	51.7





#15
Benzyl Alcohol
Concen: 38.901 ng
RT: 8.025 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

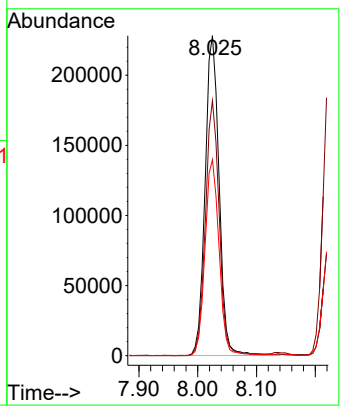
Tgt Ion: 79 Resp: 37632

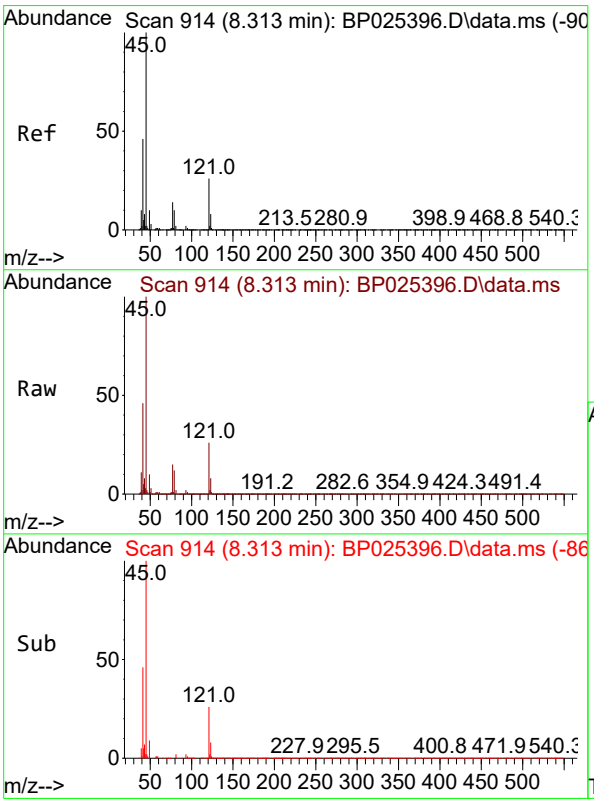
Ion	Ratio	Lower	Upper
79	100		
108	79.7	63.8	95.6
77	61.2	49.0	73.4

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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

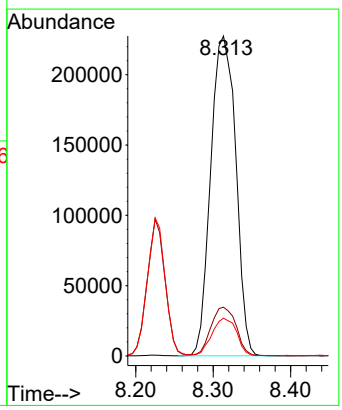


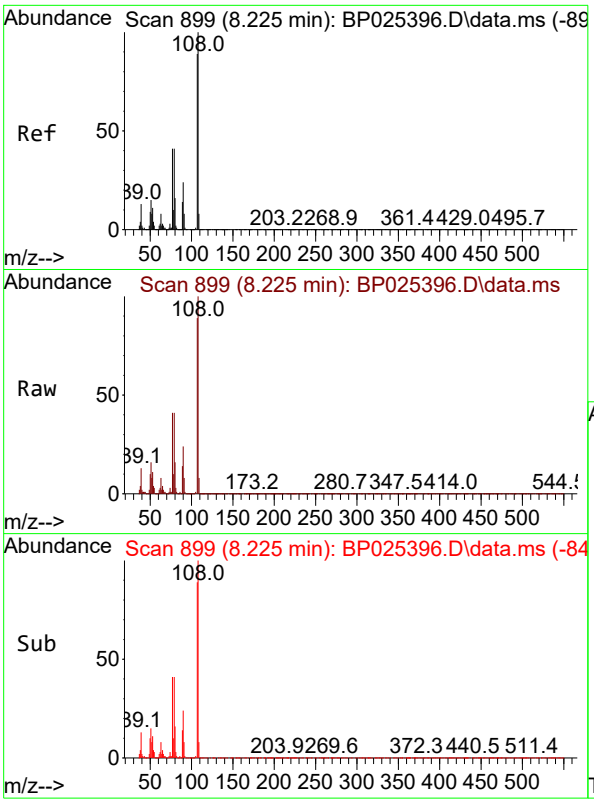


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.308 ng
RT: 8.313 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 45 Resp: 510991

Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	35.3
79	11.8	0.0	31.8

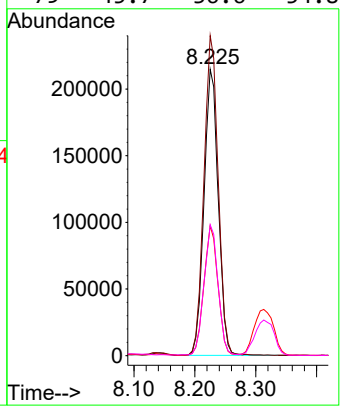




#17
2-Methylphenol
Concen: 39.369 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:107 Resp: 34931

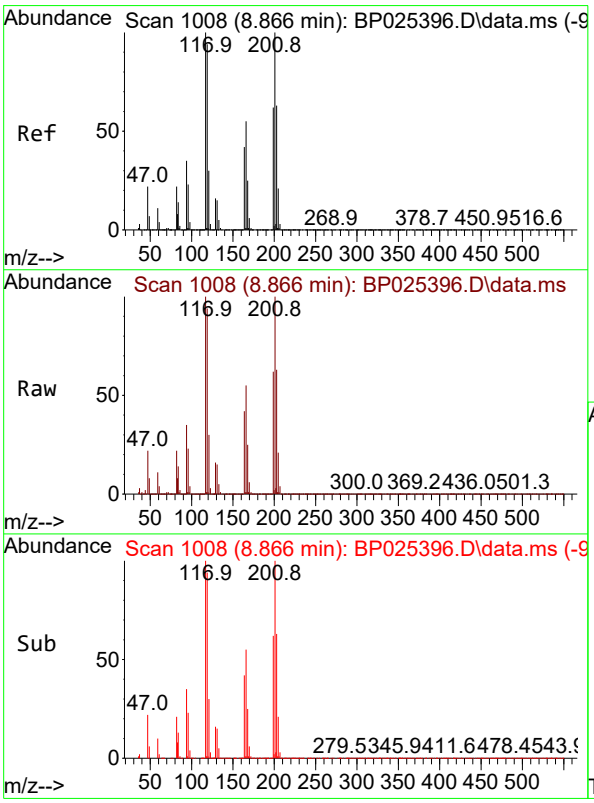
Ion	Ratio	Lower	Upper
107	100		
108	111.7	89.4	134.0
77	45.4	36.3	54.5
79	45.7	36.6	54.8



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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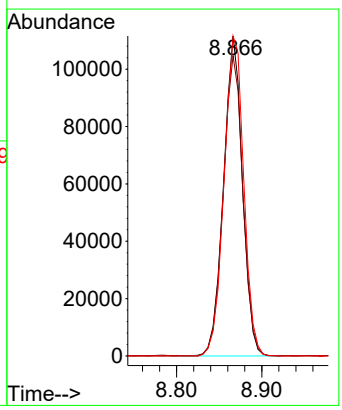
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

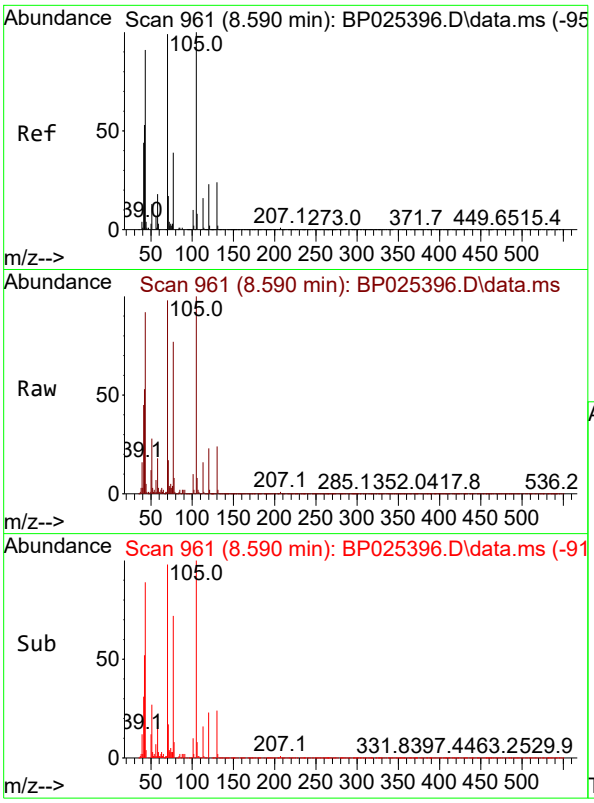


#18
Hexachloroethane
Concen: 38.712 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:117 Resp: 171906

Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.1	112.7
201	100.1	80.1	120.1

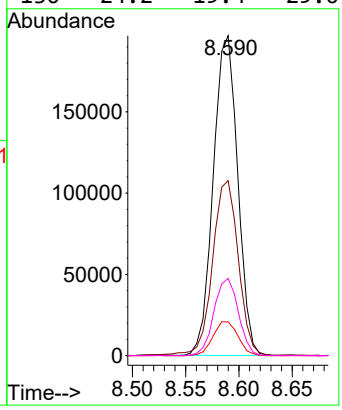




#19
n-Nitroso-di-n-propylamine
Concen: 38.737 ng
RT: 8.590 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 70 Resp: 31277

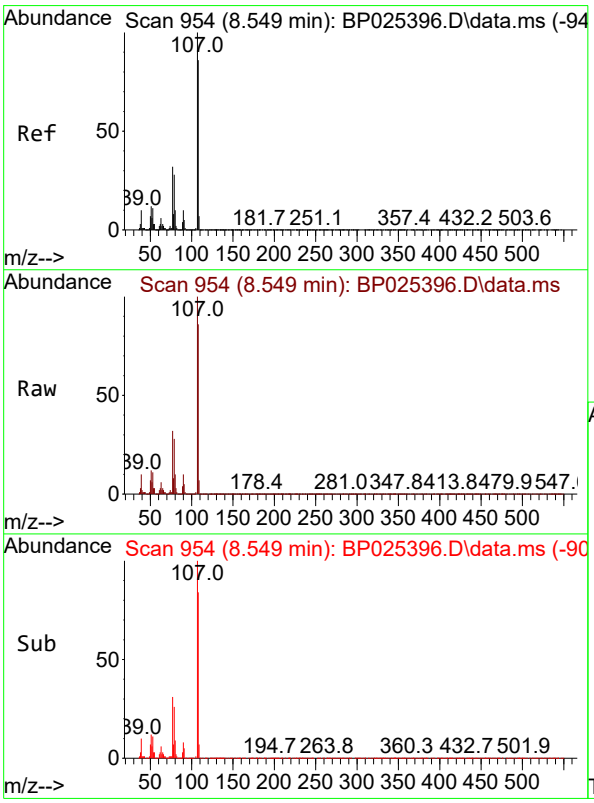
Ion	Ratio	Lower	Upper
70	100		
42	54.7	43.8	65.6
101	10.6	8.5	12.7
130	24.2	19.4	29.0



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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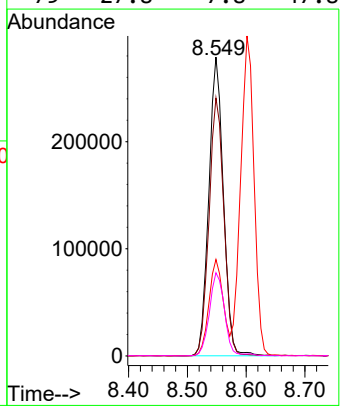
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

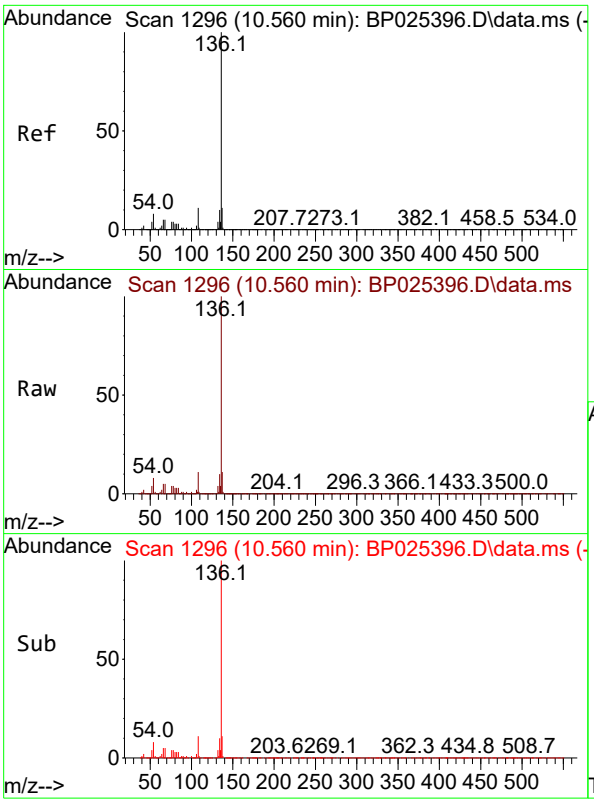


#20
3+4-Methylphenols
Concen: 39.121 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:107 Resp: 481148

Ion	Ratio	Lower	Upper
107	100		
108	86.3	66.3	106.3
77	32.3	12.3	52.3
79	27.8	7.8	47.8

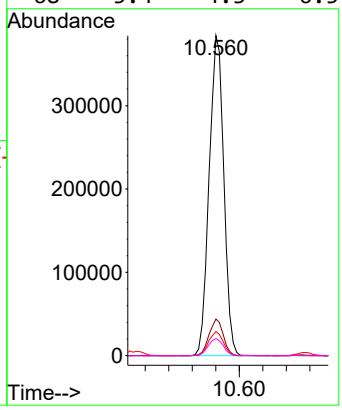




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:136 Resp: 66355

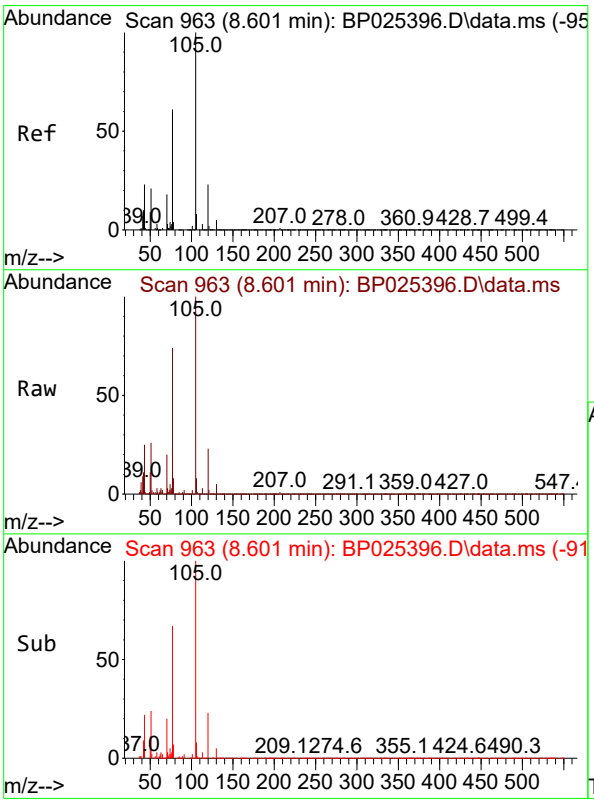
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	7.5	6.0	9.0
68	5.4	4.3	6.5



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

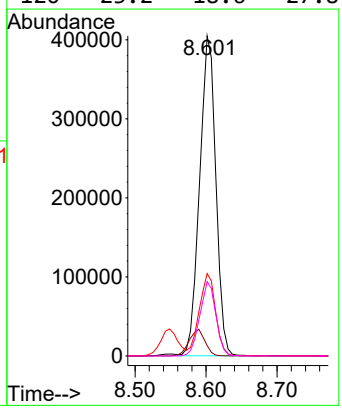
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

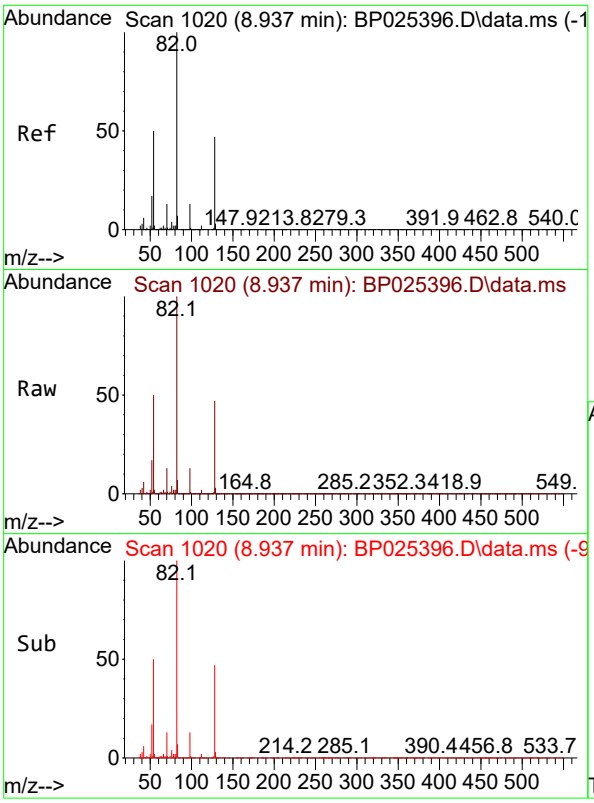


#22
Acetophenone
Concen: 38.708 ng
RT: 8.601 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

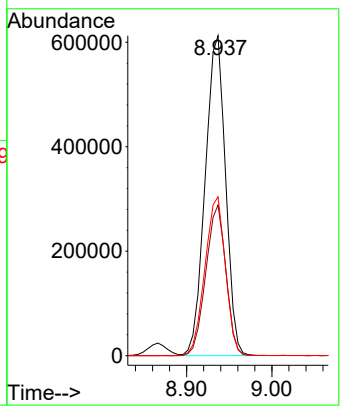




#23
Nitrobenzene-d5
Concen: 77.420 ng
RT: 8.937 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 82 Resp: 101555

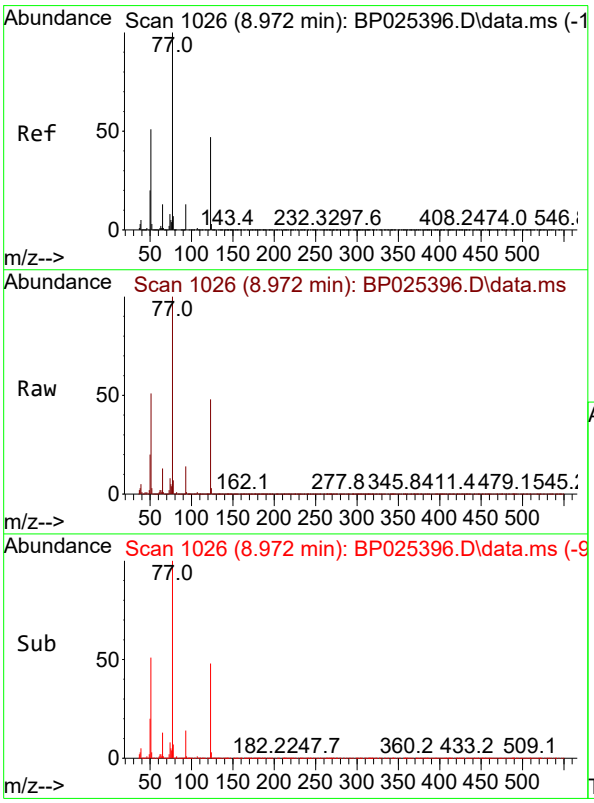
Ion	Ratio	Lower	Upper
82	100		
128	47.1	37.7	56.5
54	49.7	39.8	59.6



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

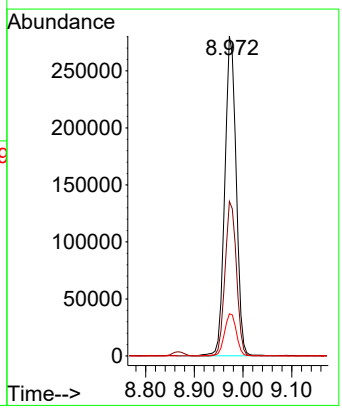
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

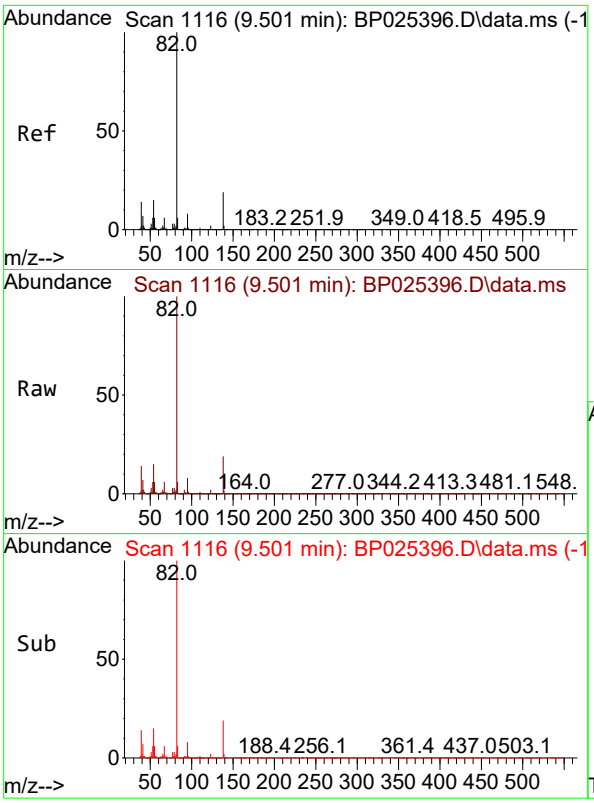


#24
Nitrobenzene
Concen: 38.997 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 77 Resp: 457175

Ion	Ratio	Lower	Upper
77	100		
123	48.3	38.6	58.0
65	13.2	10.6	15.8

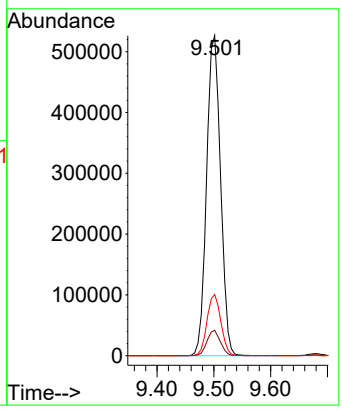




#25
Isophorone
Concen: 38.510 ng
RT: 9.501 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 82 Resp: 89398

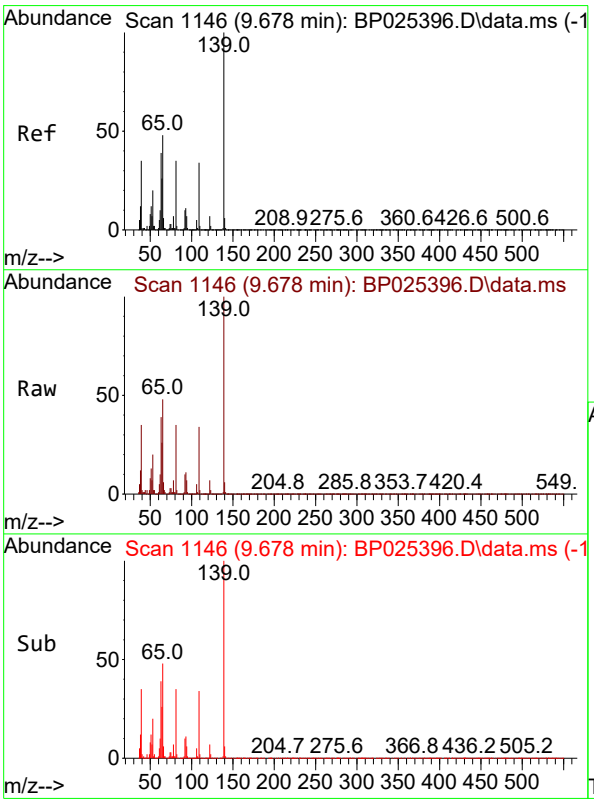
Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.4	9.6
138	19.2	15.4	23.0



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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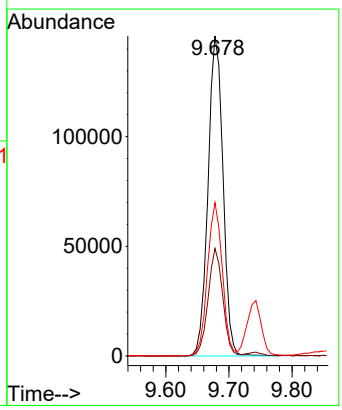
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

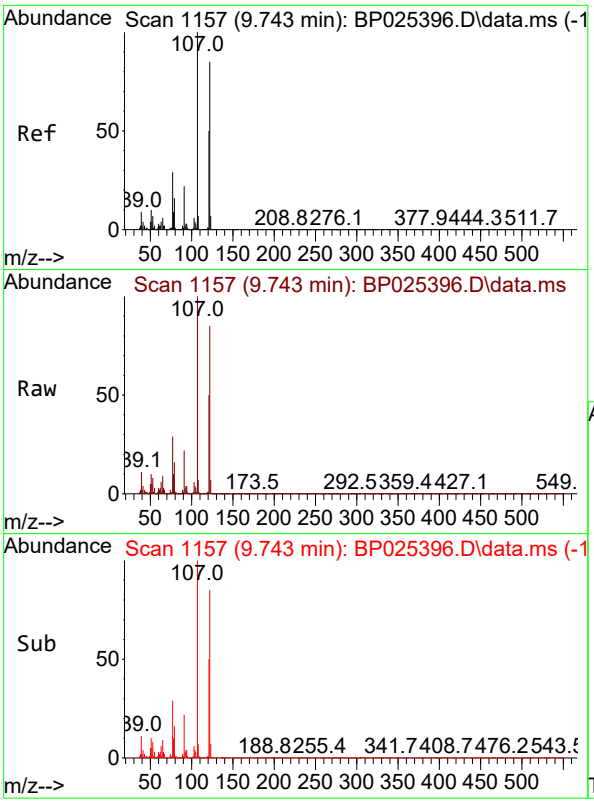


#26
2-Nitrophenol
Concen: 39.837 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:139 Resp: 239675

Ion	Ratio	Lower	Upper
139	100		
109	33.6	26.9	40.3
65	47.9	38.3	57.5

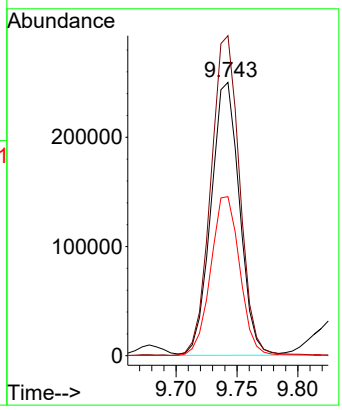




#27
2,4-Dimethylphenol
Concen: 39.489 ng
RT: 9.743 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:122 Resp: 40857

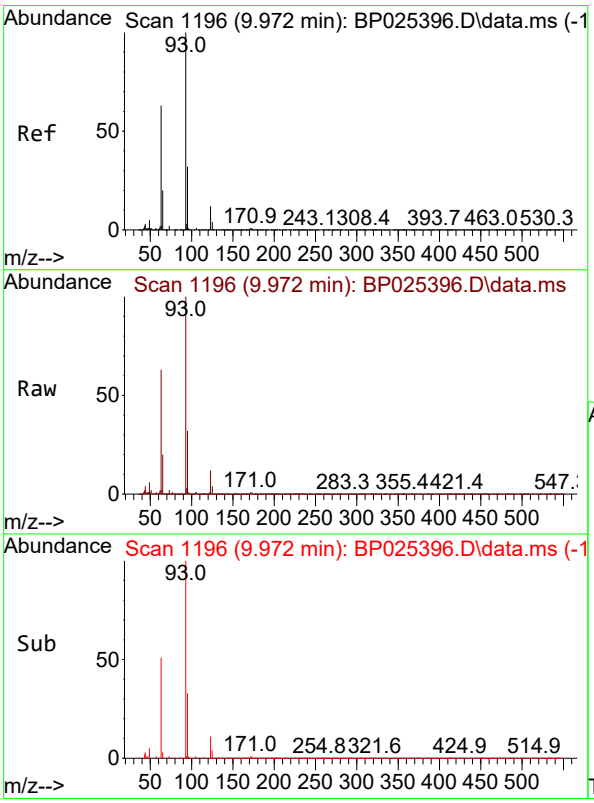
Ion	Ratio	Lower	Upper
122	100		
107	117.1	93.7	140.5
121	58.2	46.6	69.8



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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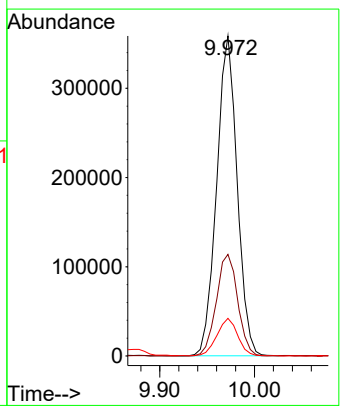
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

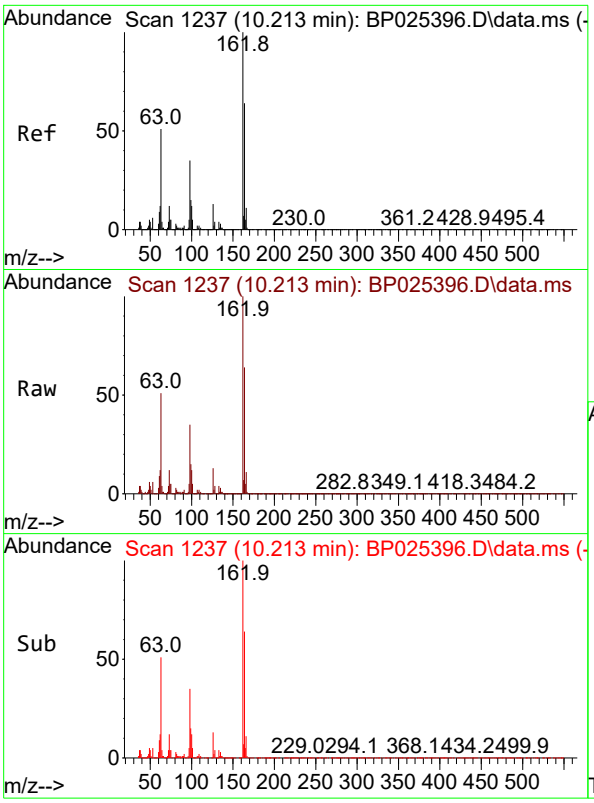


#28
bis(2-Chloroethoxy)methane
Concen: 38.502 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 93 Resp: 540282

Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.4	38.0
123	11.7	9.4	14.0

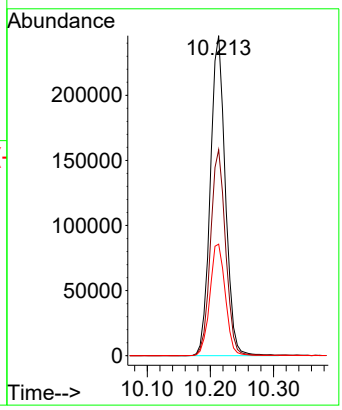




#29
2,4-Dichlorophenol
Concen: 39.427 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:162 Resp: 40523

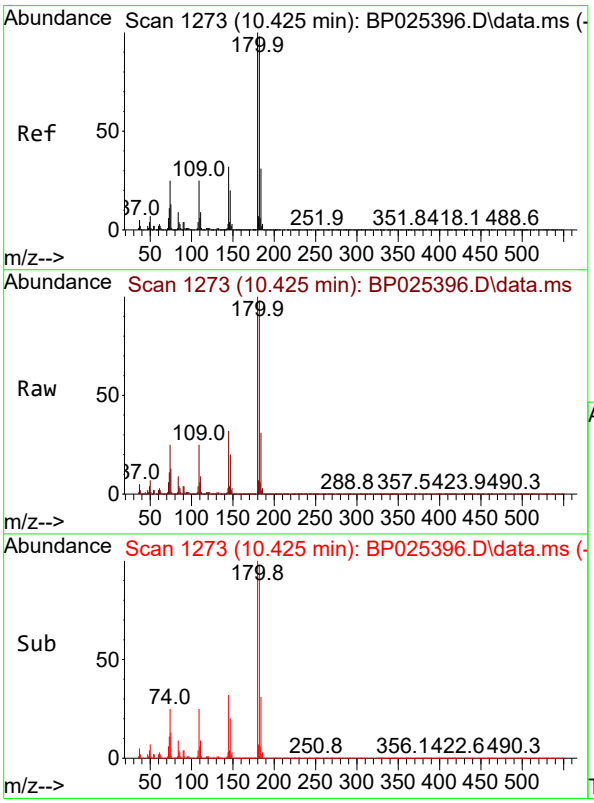
Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.4	84.4
98	34.9	14.9	54.9



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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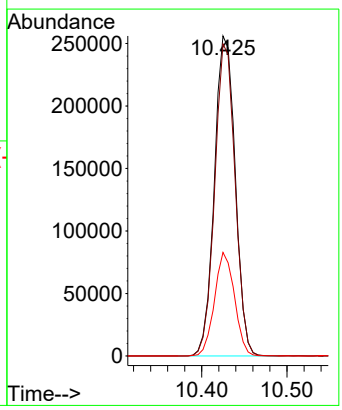
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

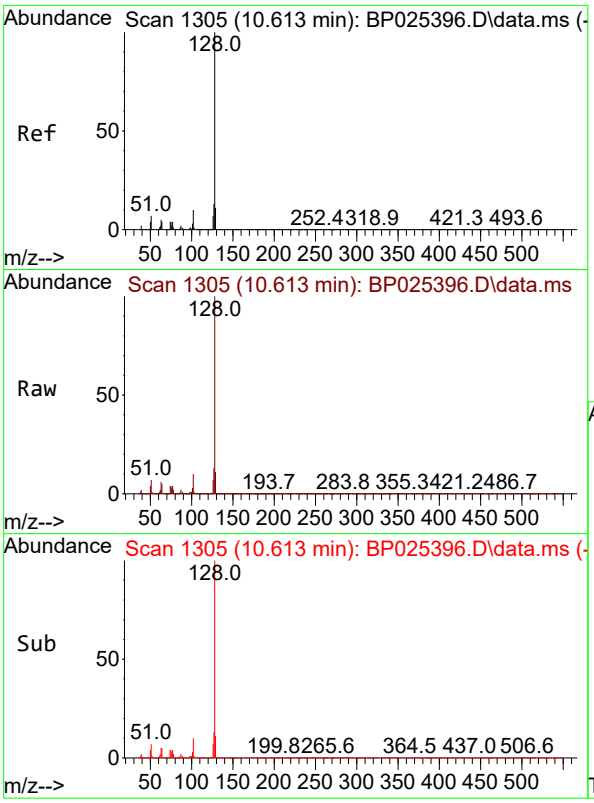


#30
1,2,4-Trichlorobenzene
Concen: 38.529 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

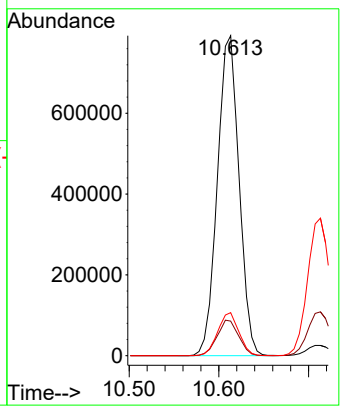




#31
Naphthalene
Concen: 38.472 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:128 Resp: 132683

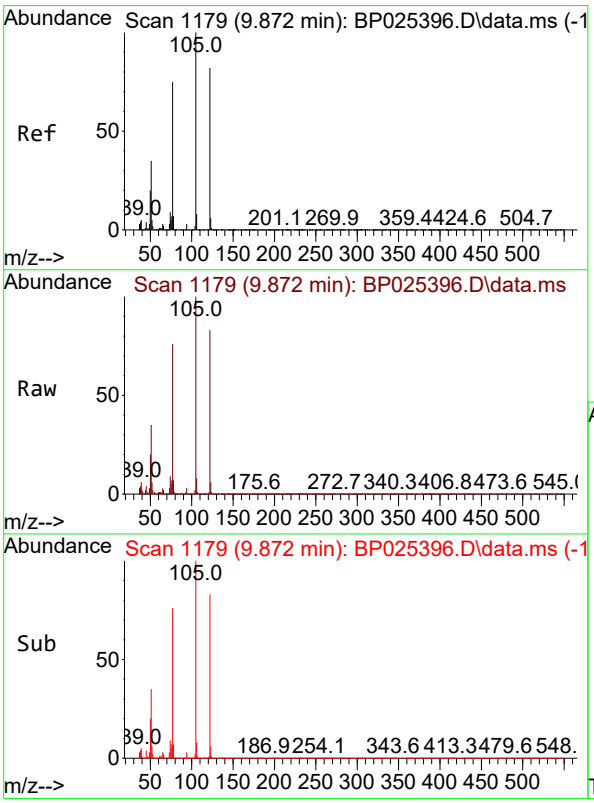
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.4	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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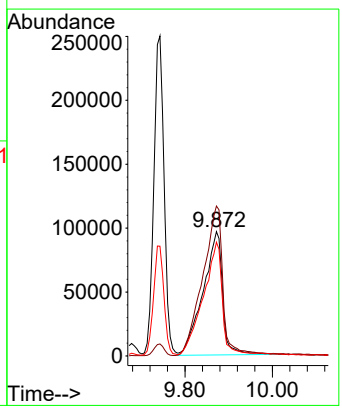
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

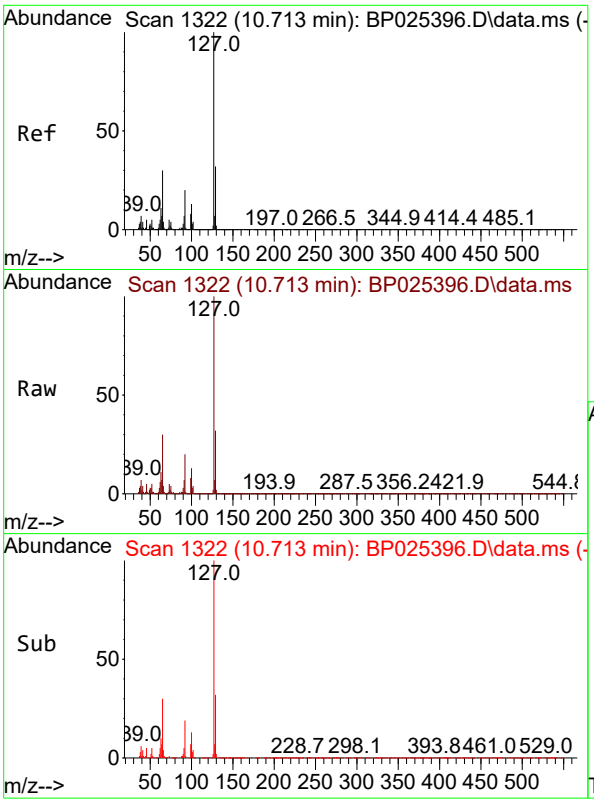


#32
Benzoic acid
Concen: 39.537 ng
RT: 9.872 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:122 Resp: 301281

Ion	Ratio	Lower	Upper
122	100		
105	120.6	100.6	140.6
77	91.5	71.5	111.5

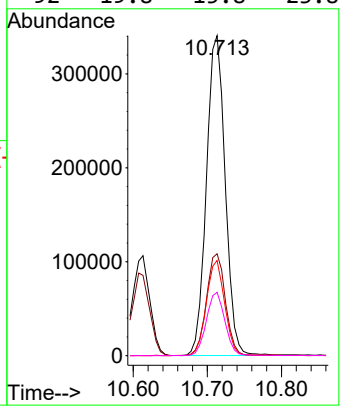




#33
4-Chloroaniline
Concen: 39.350 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:127 Resp: 59946

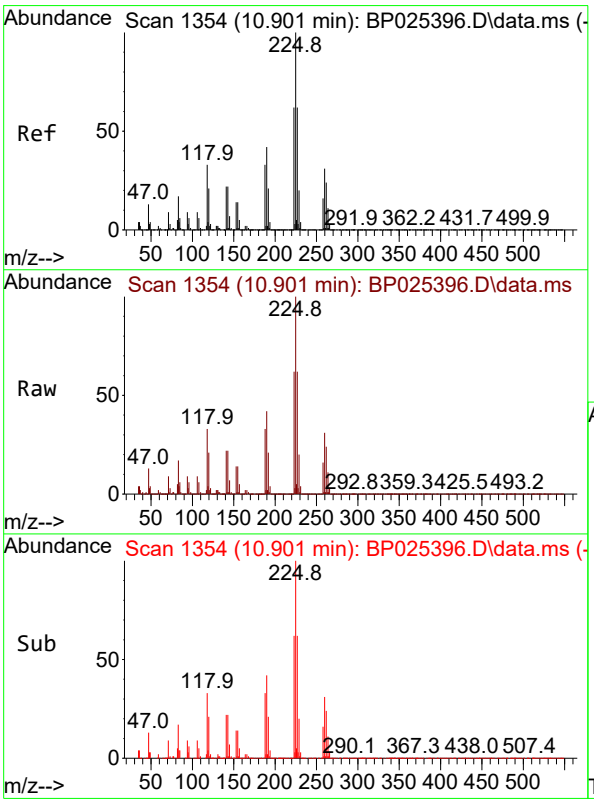
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.4	38.2
65	29.7	23.8	35.6
92	19.8	15.8	23.8



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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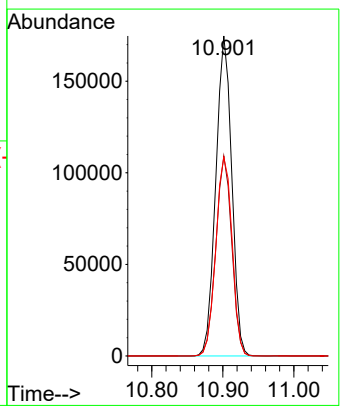
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

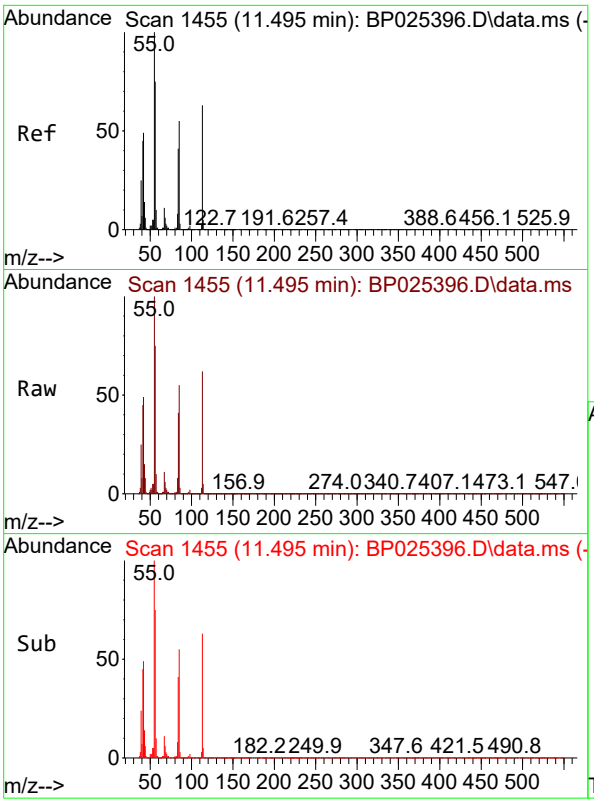


#34
Hexachlorobutadiene
Concen: 38.700 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:225 Resp: 271549

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.0	75.0
227	62.1	49.7	74.5





#35
Caprolactam
Concen: 38.520 ng
RT: 11.495 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

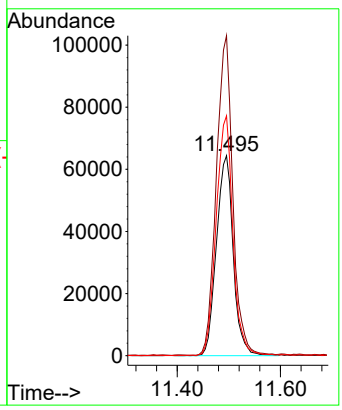
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

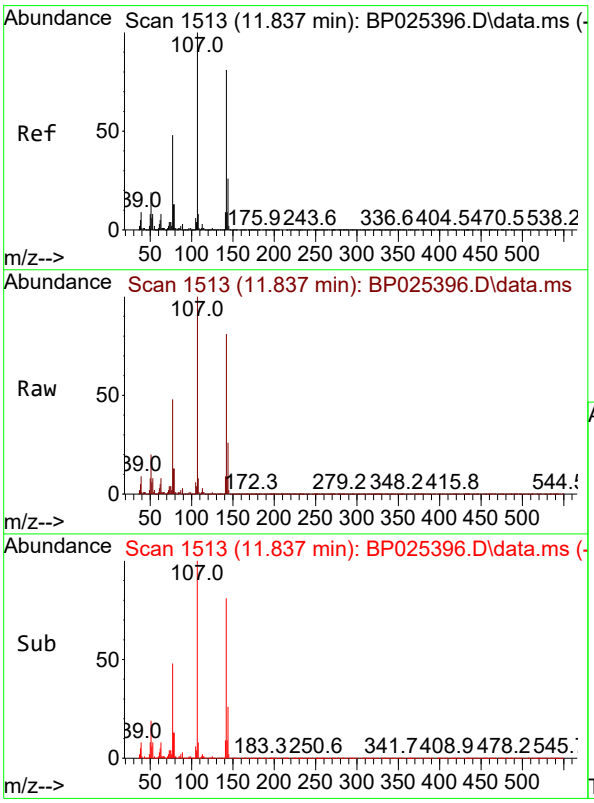
Tgt Ion:113 Resp: 14517

Ion	Ratio	Lower	Upper
113	100		
55	160.0	140.0	180.0
56	120.0	100.0	140.0

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Supervised By :Jagrut Upadhyay 08/15/2025

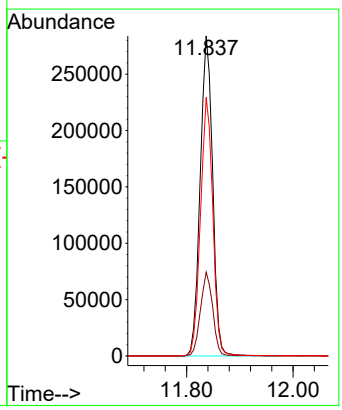


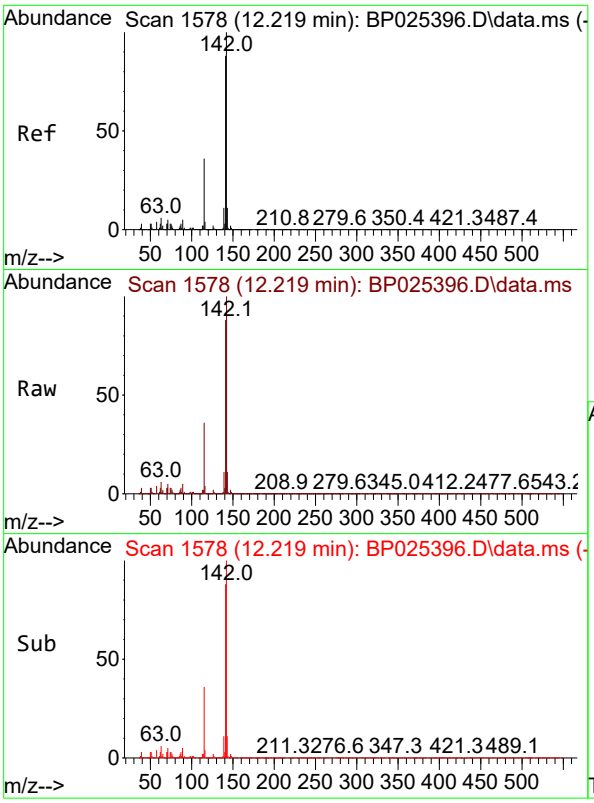


#36
4-Chloro-3-methylphenol
Concen: 38.959 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:107 Resp: 459473

Ion	Ratio	Lower	Upper
107	100		
144	26.2	21.0	31.4
142	80.8	64.6	97.0

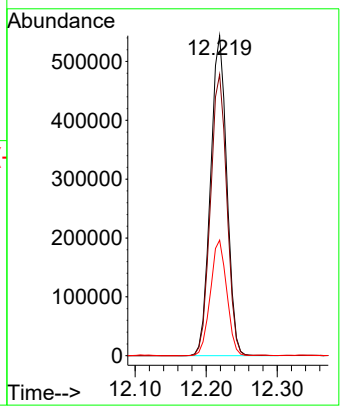




#37
2-Methylnaphthalene
Concen: 38.559 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:142 Resp: 86542

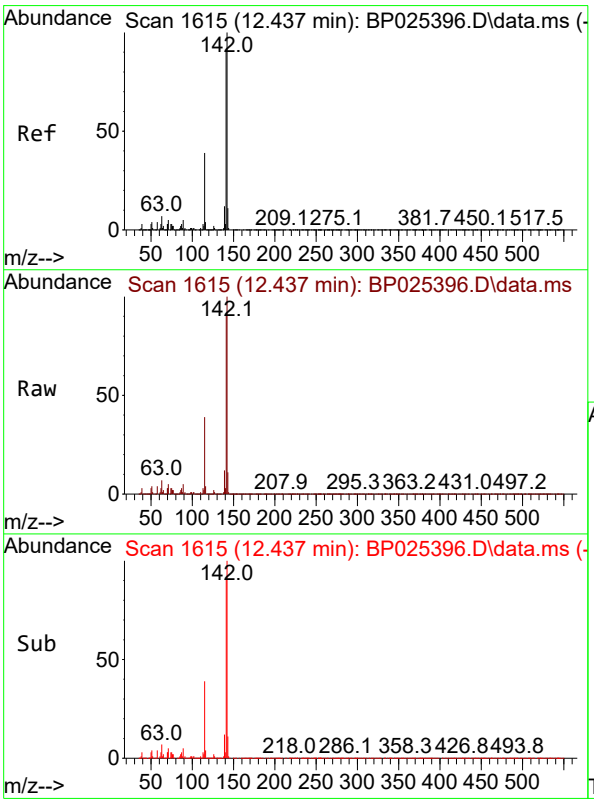
Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.3	105.5
115	36.1	28.9	43.3



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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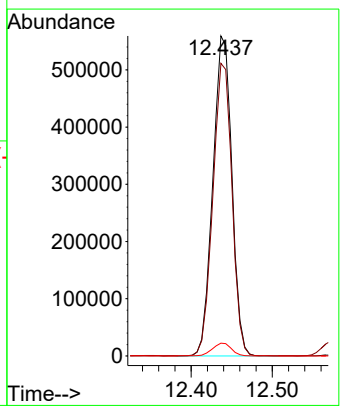
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

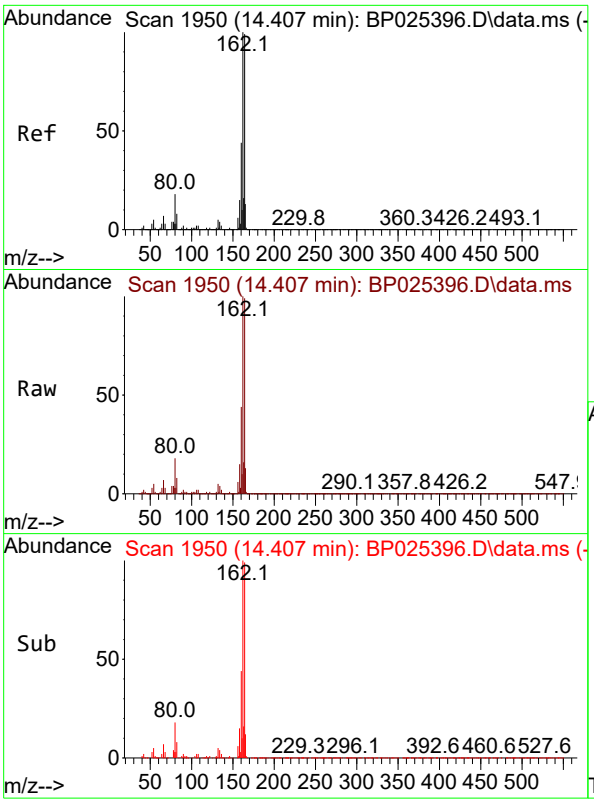


#38
1-Methylnaphthalene
Concen: 38.120 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:142 Resp: 909865

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.1	109.7
116	4.0	3.2	4.8

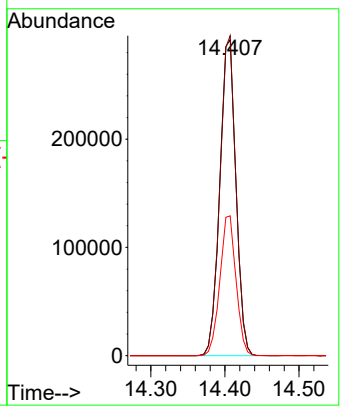




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:164 Resp: 44111

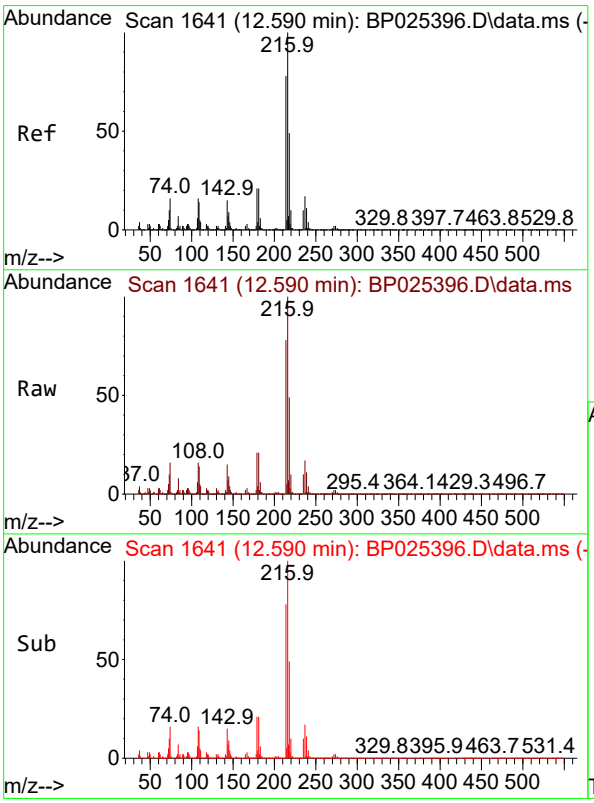
Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.0	121.6
160	44.3	35.4	53.2



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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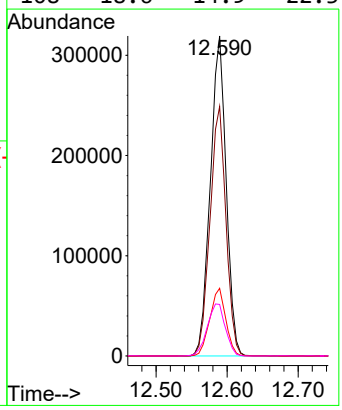
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

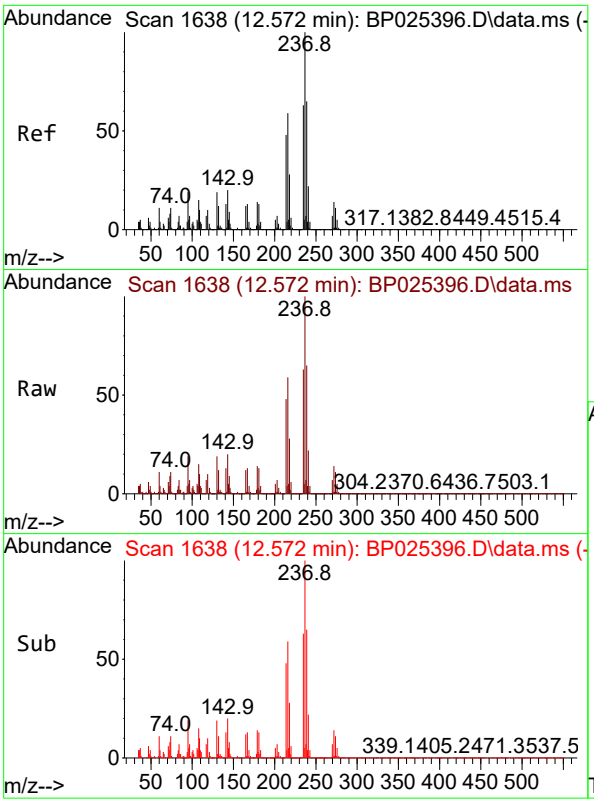


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.787 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

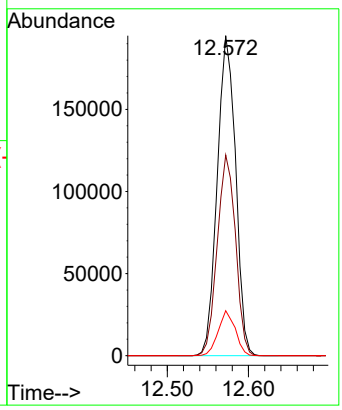
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

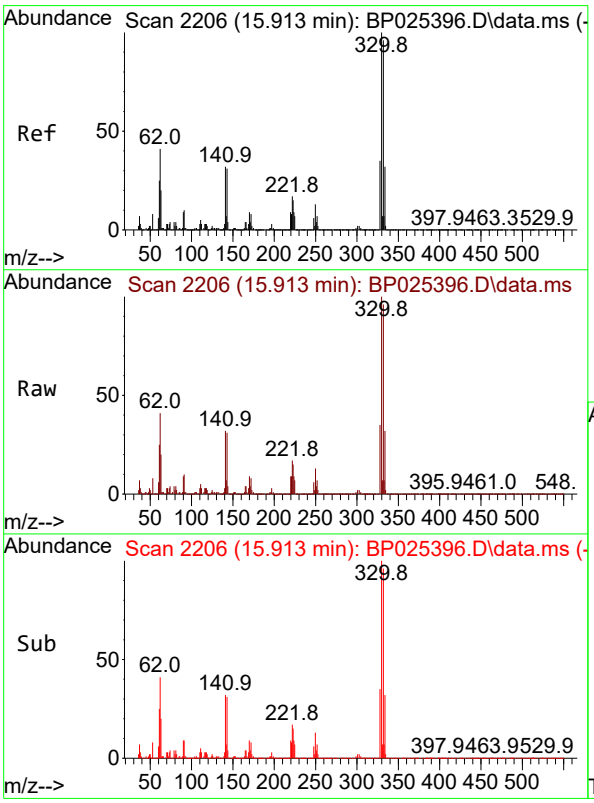
Tgt Ion:237 Resp: 30701

Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.7	82.7
272	14.0	0.0	34.0

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

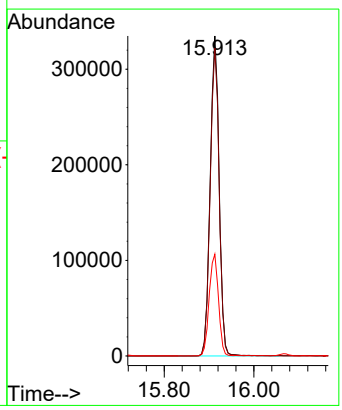


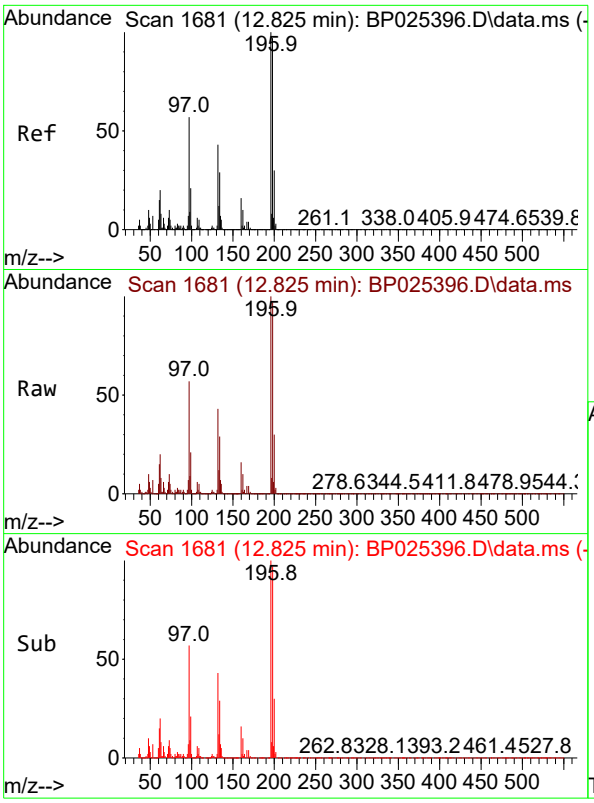


#42
2,4,6-Tribromophenol
Concen: 78.112 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:330 Resp: 463783

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	33.2	26.6	39.8





#43
2,4,6-Trichlorophenol
Concen: 39.201 ng
RT: 12.825 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

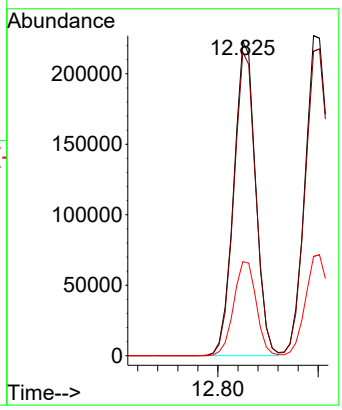
Tgt Ion:196 Resp: 33715

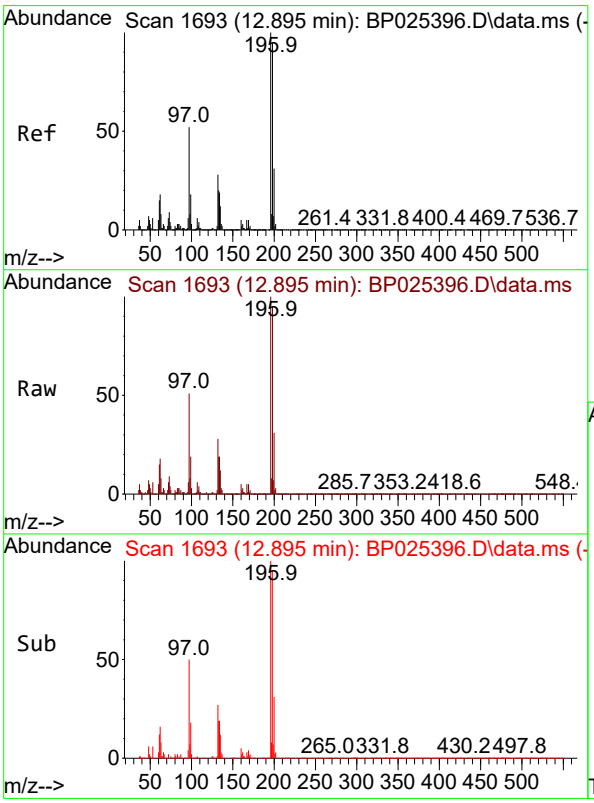
Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.2	115.8
200	29.9	23.9	35.9

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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

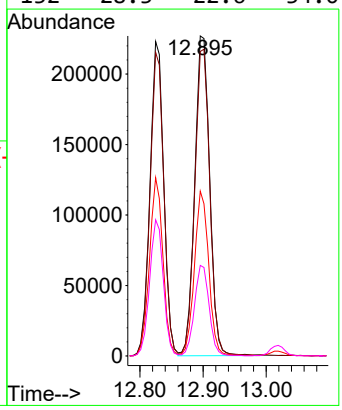


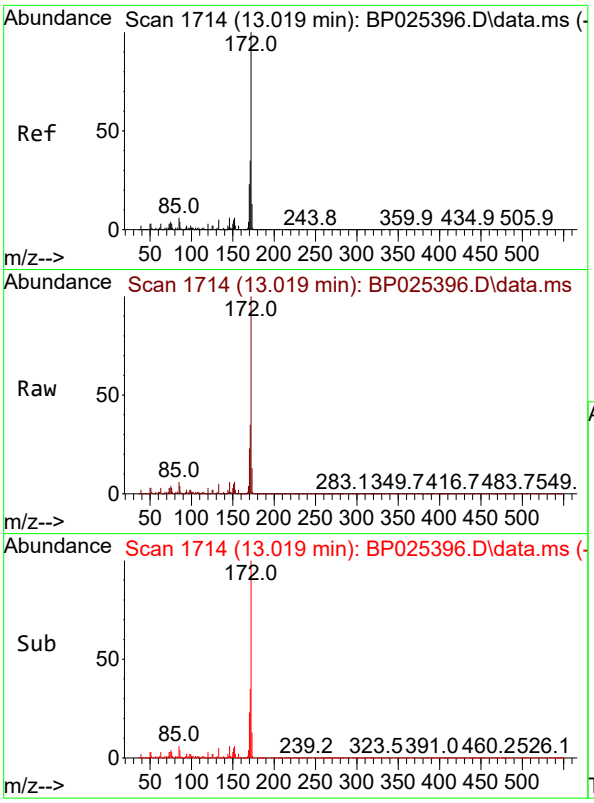


#44
2,4,5-Trichlorophenol
Concen: 39.664 ng
RT: 12.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:196 Resp: 373880

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
97	51.5	41.2	61.8
132	28.3	22.6	34.0

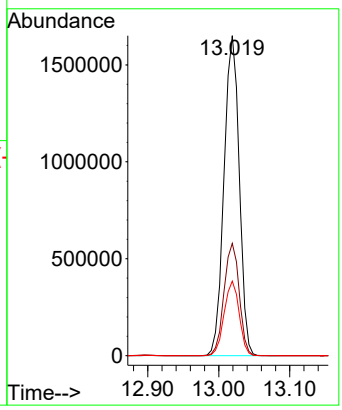




#45
2-Fluorobiphenyl
Concen: 76.118 ng
RT: 13.019 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:172 Resp: 245678

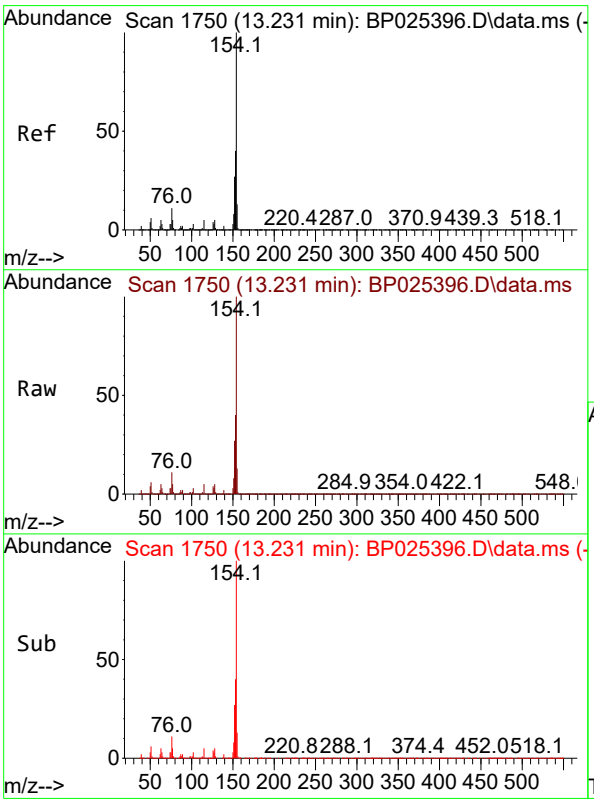
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.1	42.1
170	23.3	18.6	28.0



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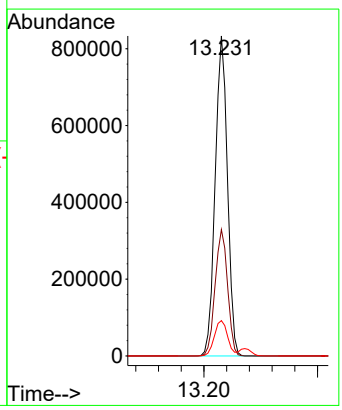
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

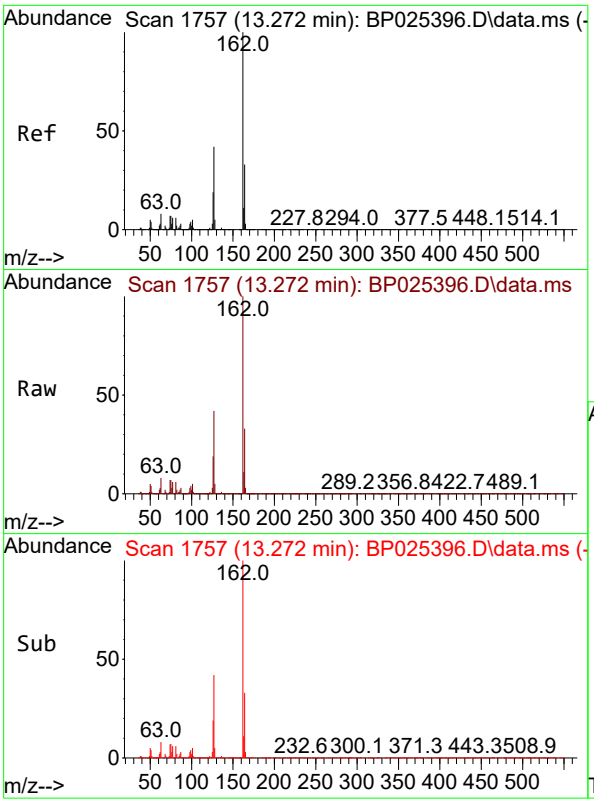


#46
1,1'-Biphenyl
Concen: 38.777 ng
RT: 13.231 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:154 Resp: 1242247

Ion	Ratio	Lower	Upper
154	100		
153	39.5	19.5	59.5
76	11.1	0.0	31.1

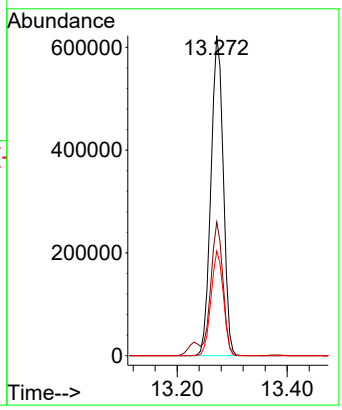




#47
2-Chloronaphthalene
Concen: 38.930 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:162 Resp: 97090

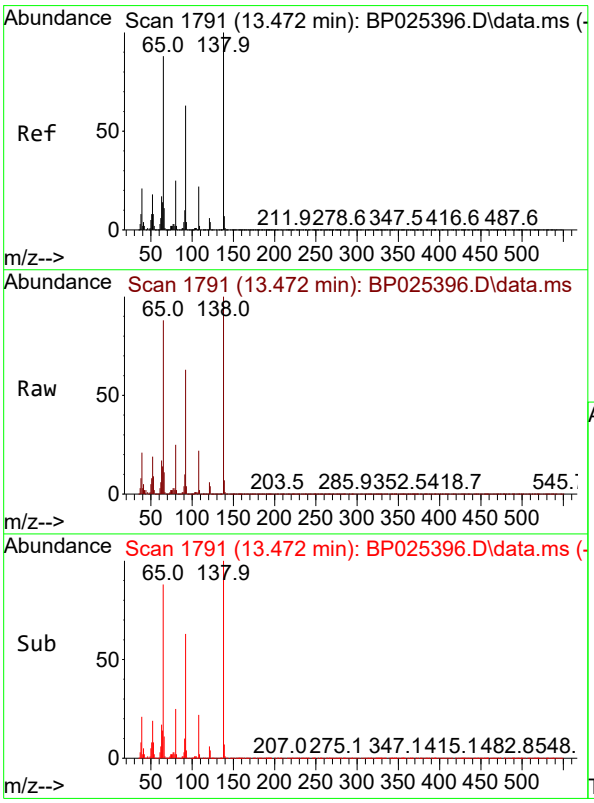
Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.4	50.2
164	32.7	26.2	39.2



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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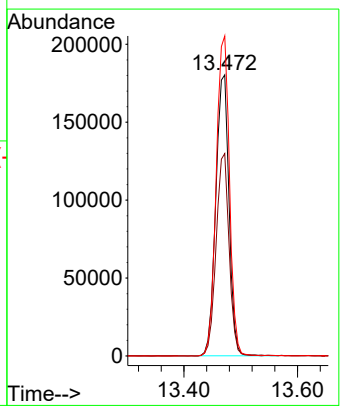
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

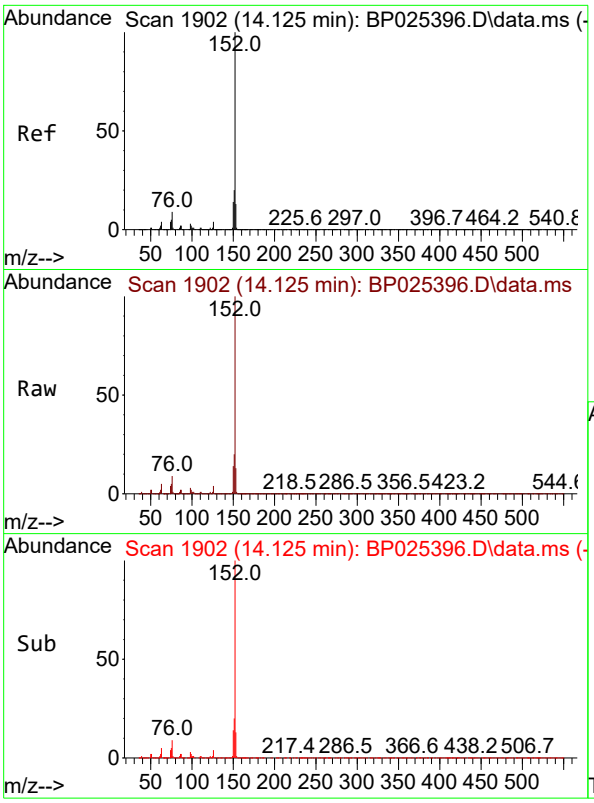


#48
2-Nitroaniline
Concen: 40.092 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 65 Resp: 291341

Ion	Ratio	Lower	Upper
65	100		
92	72.0	57.6	86.4
138	113.8	91.0	136.6

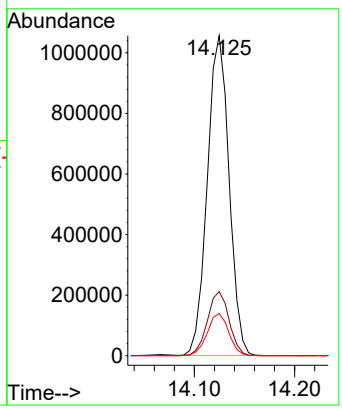




#49
Acenaphthylene
Concen: 38.617 ng
RT: 14.125 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:152 Resp: 159363

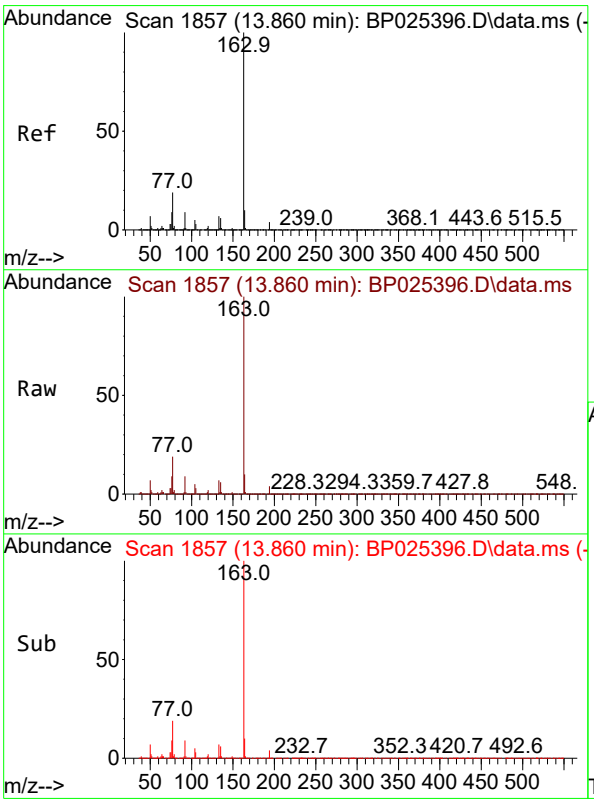
Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.2	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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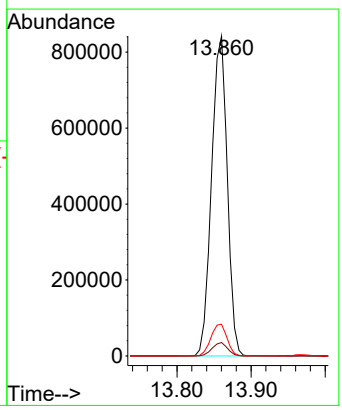
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

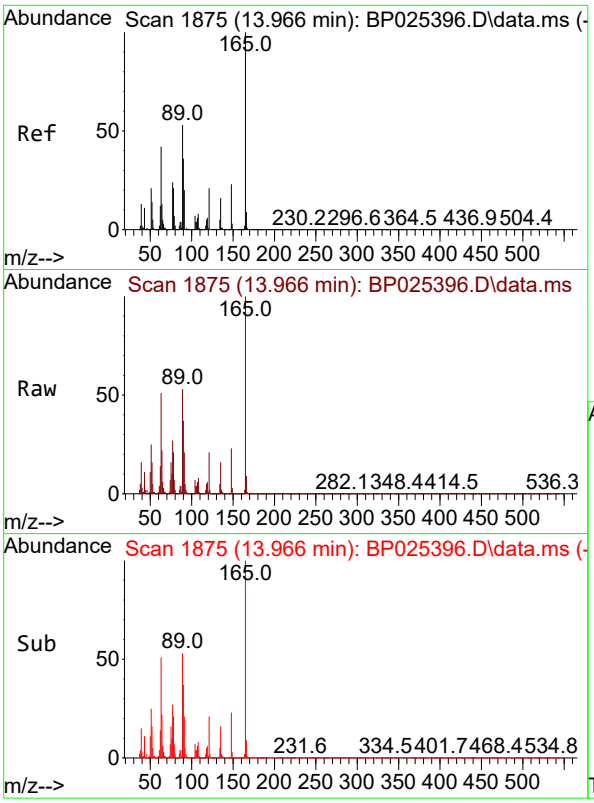


#50
Dimethylphthalate
Concen: 38.316 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:163 Resp: 1237666

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	9.9	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 40.061 ng
RT: 13.966 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

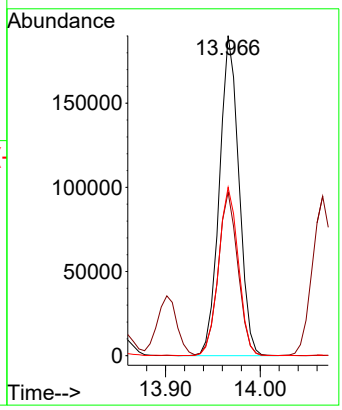
Tgt Ion:165 Resp: 27275

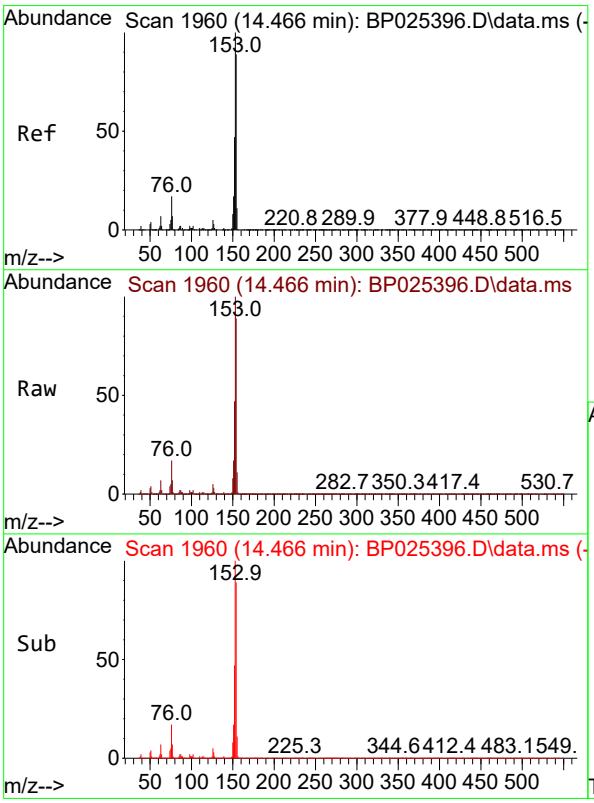
Ion	Ratio	Lower	Upper
165	100		
63	51.1	40.9	61.3
89	52.6	42.1	63.1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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Reviewed By :Rahul Chavli 08/15/2025
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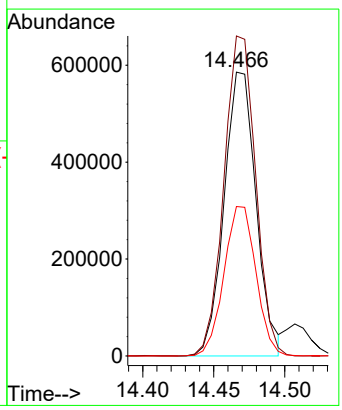


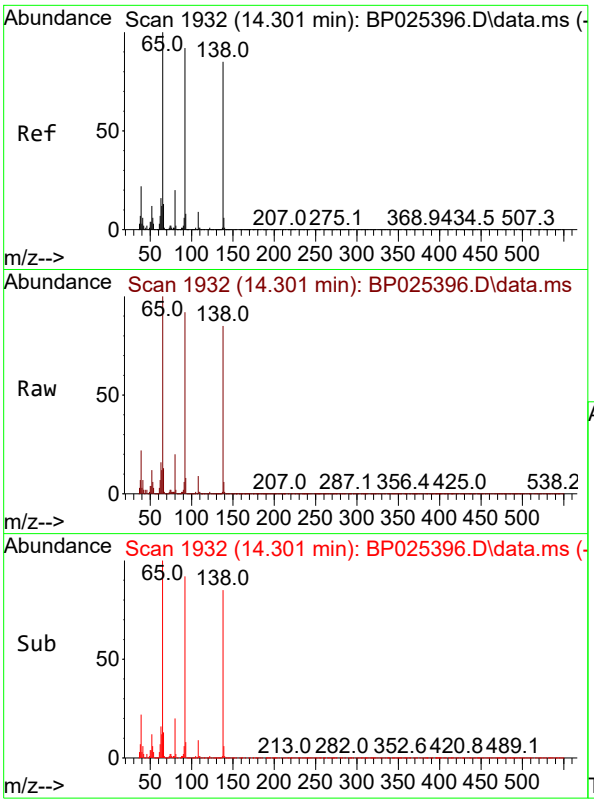


#52
Acenaphthene
Concen: 37.921 ng
RT: 14.466 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

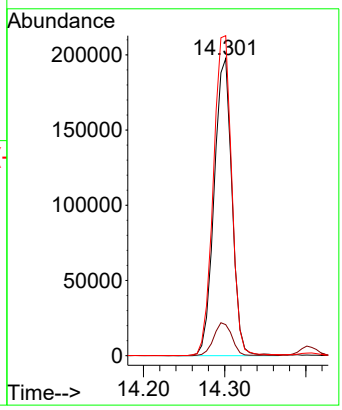
Tgt Ion:138 Resp: 30141

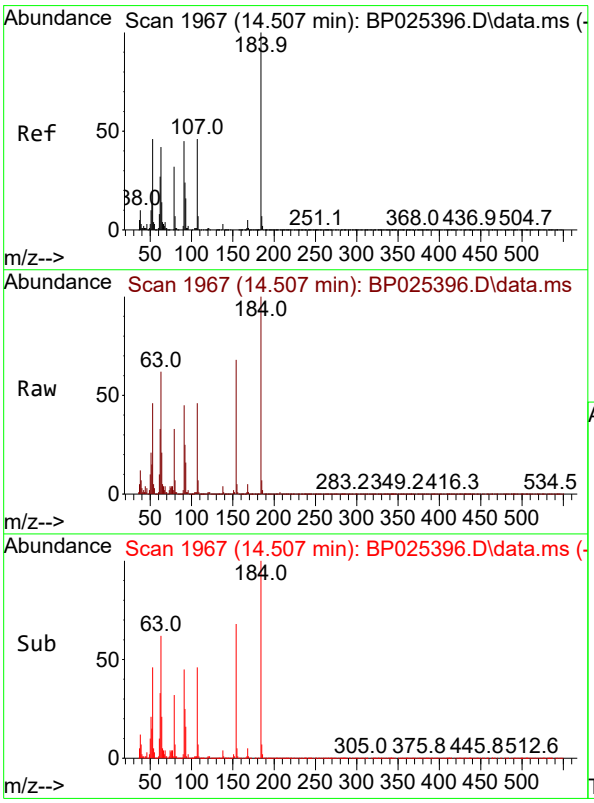
Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.3	12.5
92	107.7	86.2	129.2

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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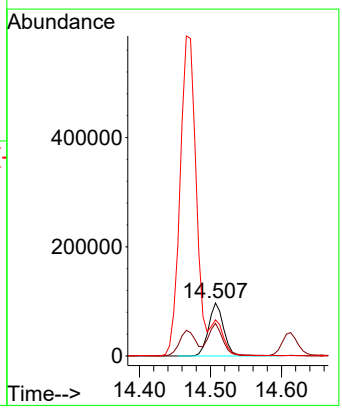


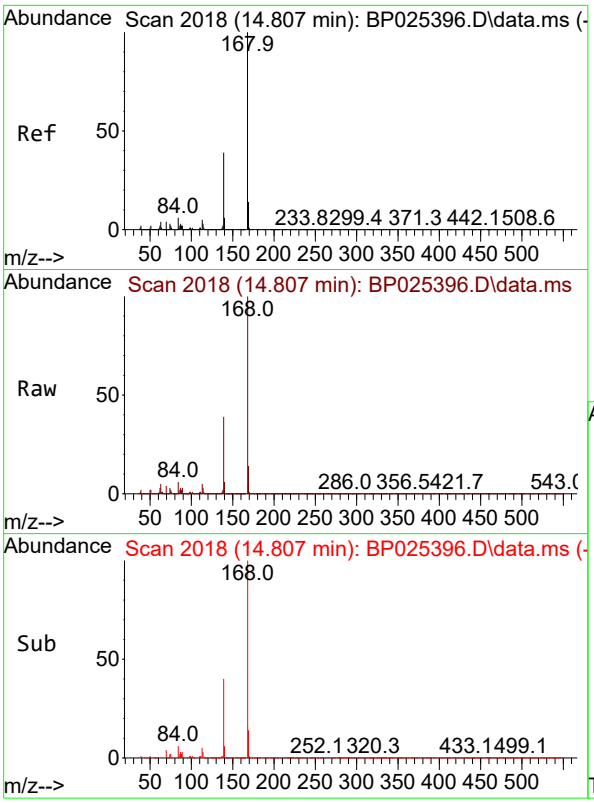


#54
2,4-Dinitrophenol
Concen: 39.633 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

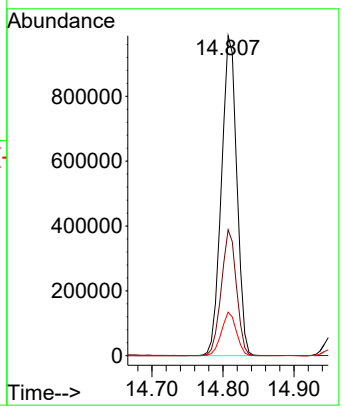




#55
Dibenzofuran
Concen: 38.624 ng
RT: 14.807 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:168 Resp: 147922

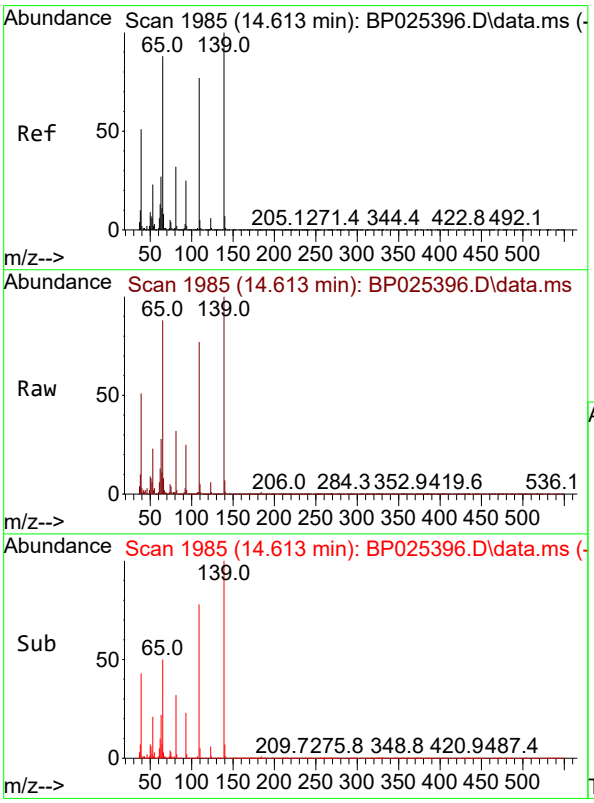
Ion	Ratio	Lower	Upper
168	100		
139	39.4	31.5	47.3
169	13.6	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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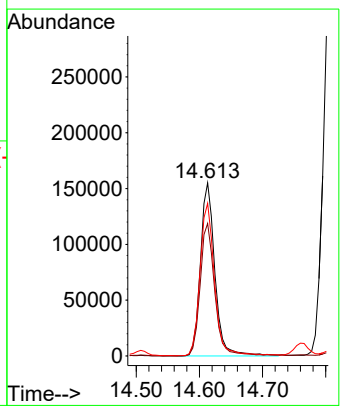
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

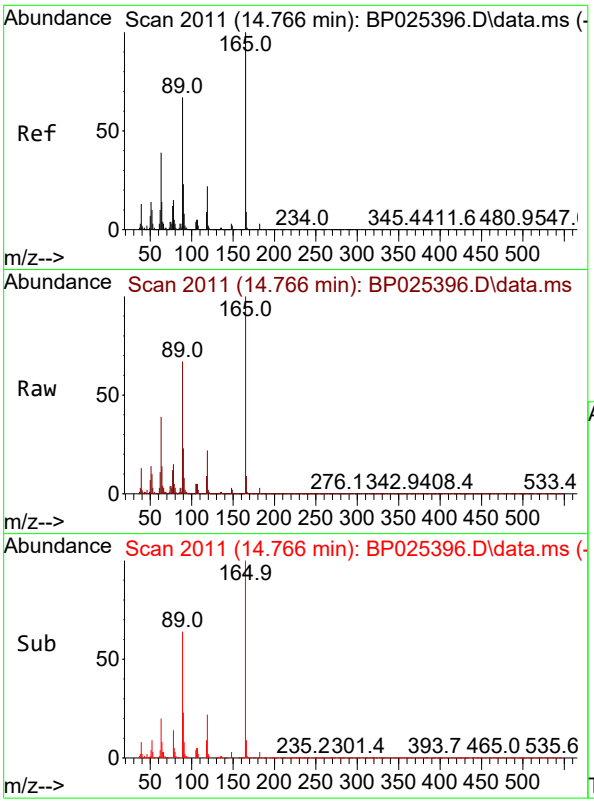


#56
4-Nitrophenol
Concen: 39.168 ng
RT: 14.613 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

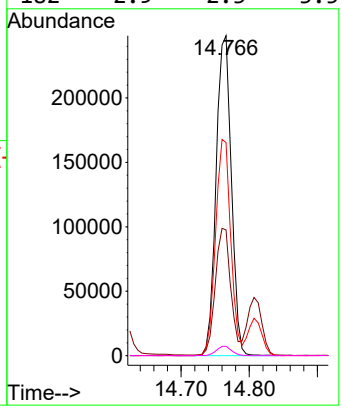




#57
2,4-Dinitrotoluene
Concen: 39.757 ng
RT: 14.766 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:165 Resp: 38618

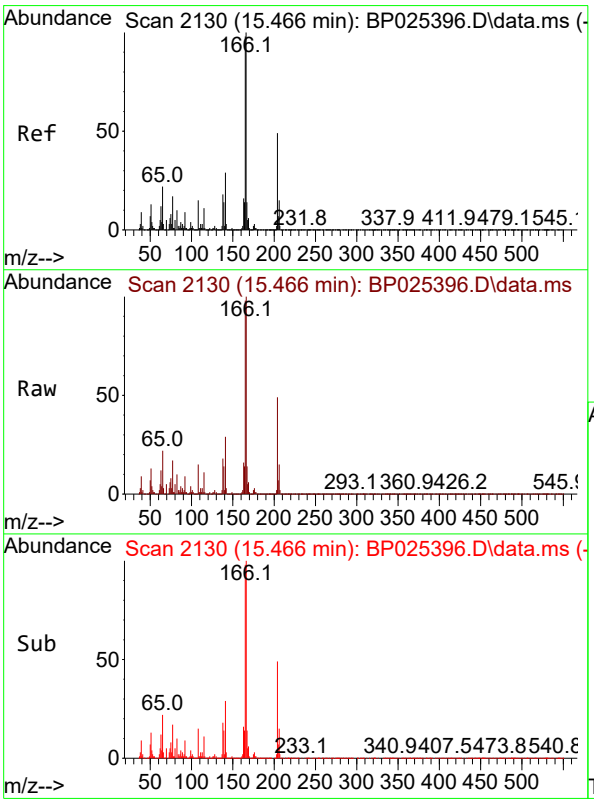
Ion	Ratio	Lower	Upper
165	100		
63	39.3	31.4	47.2
89	66.6	53.3	79.9
182	2.9	2.3	3.5



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

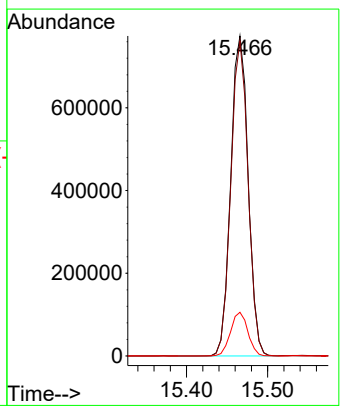
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

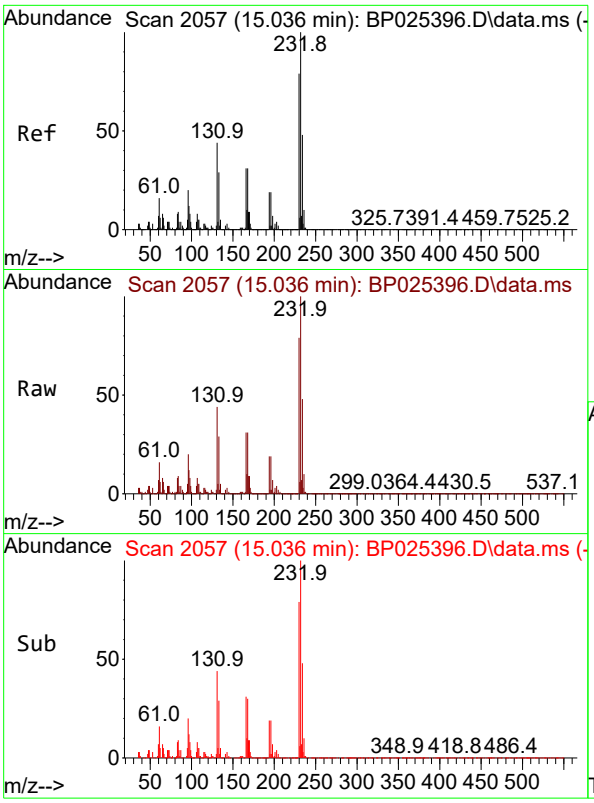


#58
Fluorene
Concen: 38.115 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

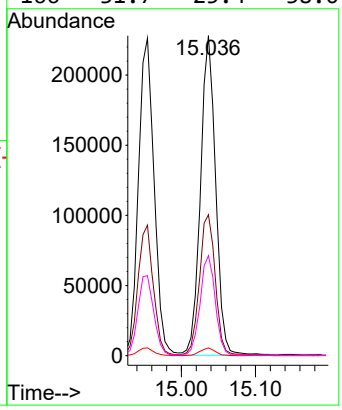




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.975 ng
RT: 15.036 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:232 Resp: 32439

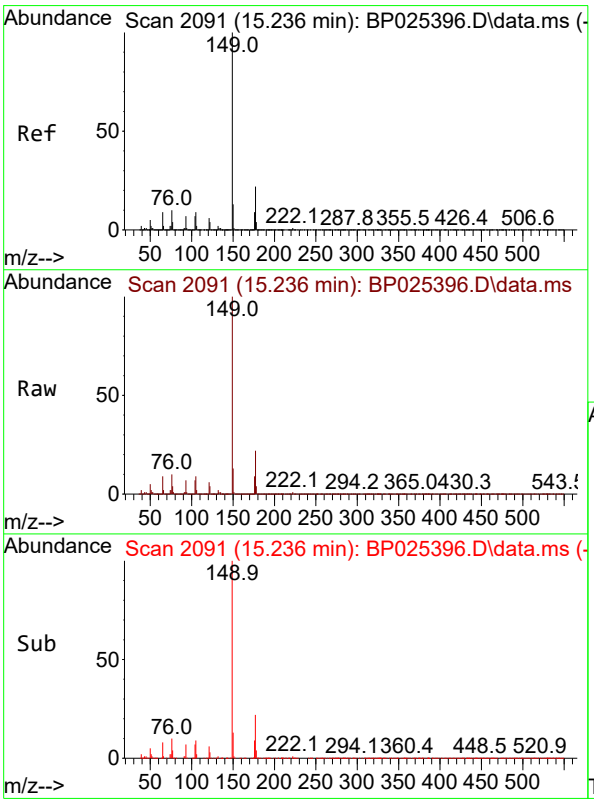
Ion	Ratio	Lower	Upper
232	100		
131	46.3	37.0	55.6
130	2.4	1.9	2.9
166	31.7	25.4	38.0



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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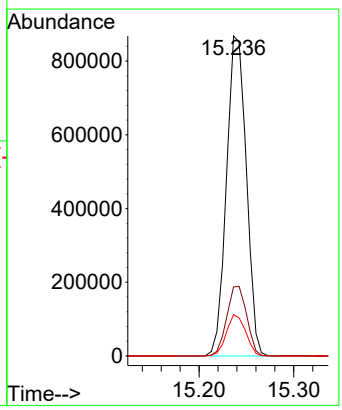
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

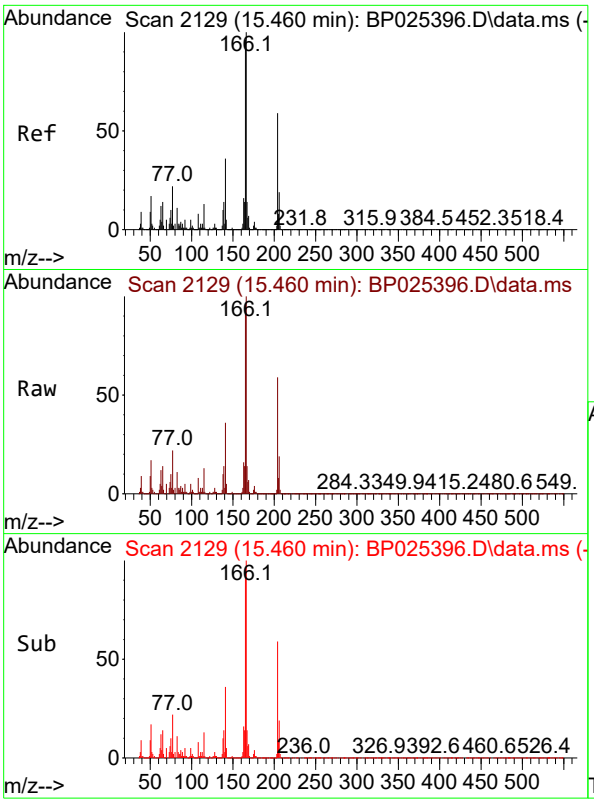


#60
Diethylphthalate
Concen: 38.533 ng
RT: 15.236 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:149 Resp: 1264740

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.3	25.9
150	12.9	10.3	15.5

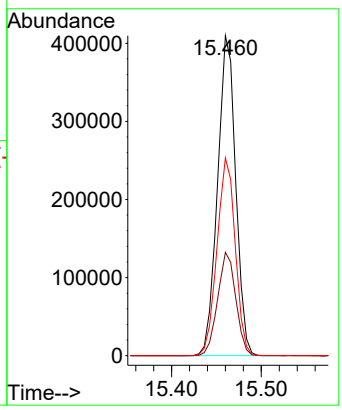




#61
4-Chlorophenyl-phenylether
Concen: 38.228 ng
RT: 15.460 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:204 Resp: 57454

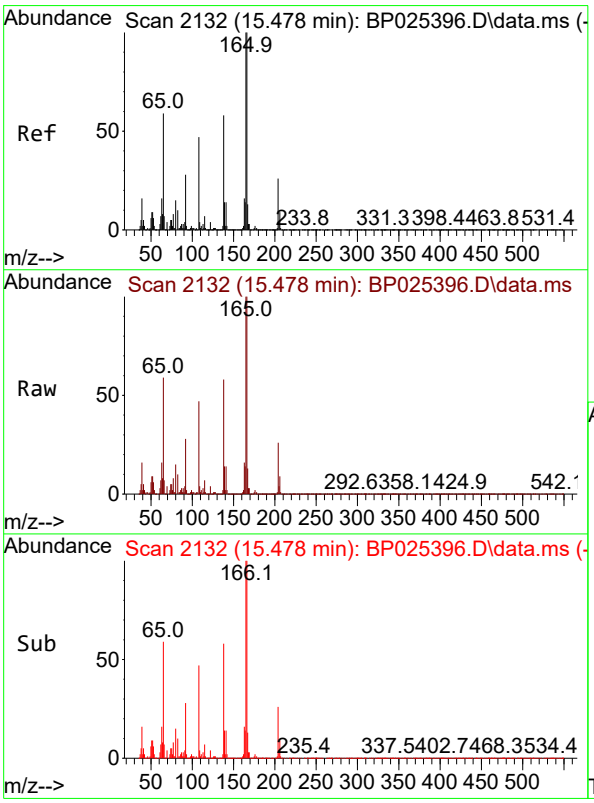
Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.8	38.8
141	61.8	49.4	74.2



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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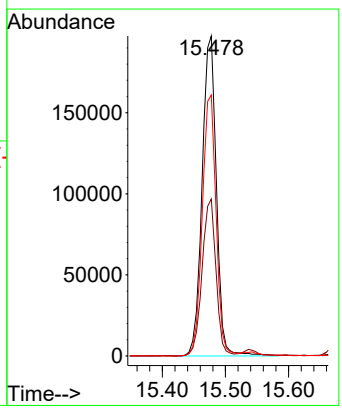
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

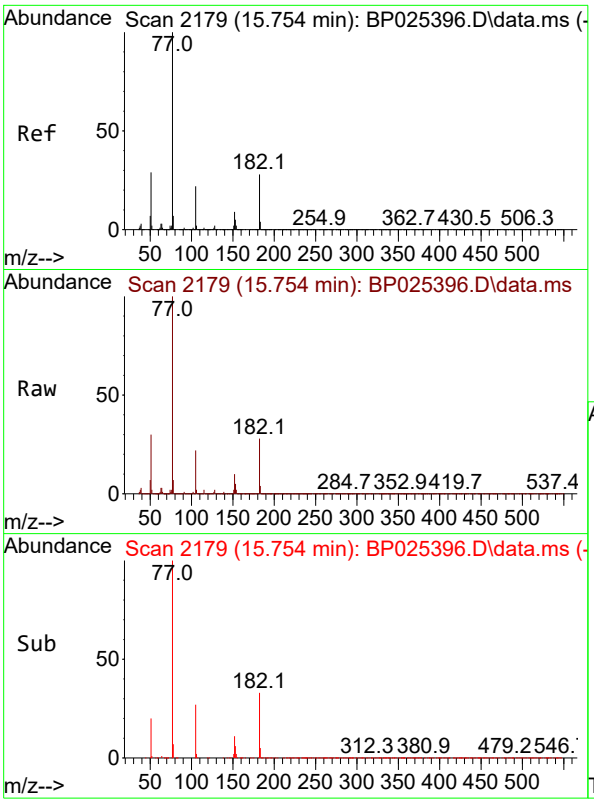


#62
4-Nitroaniline
Concen: 39.443 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

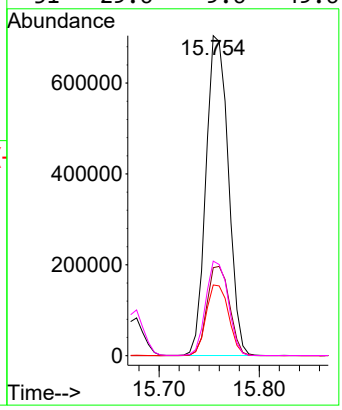




#63
Azobenzene
Concen: 38.820 ng
RT: 15.754 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 77 Resp: 109100

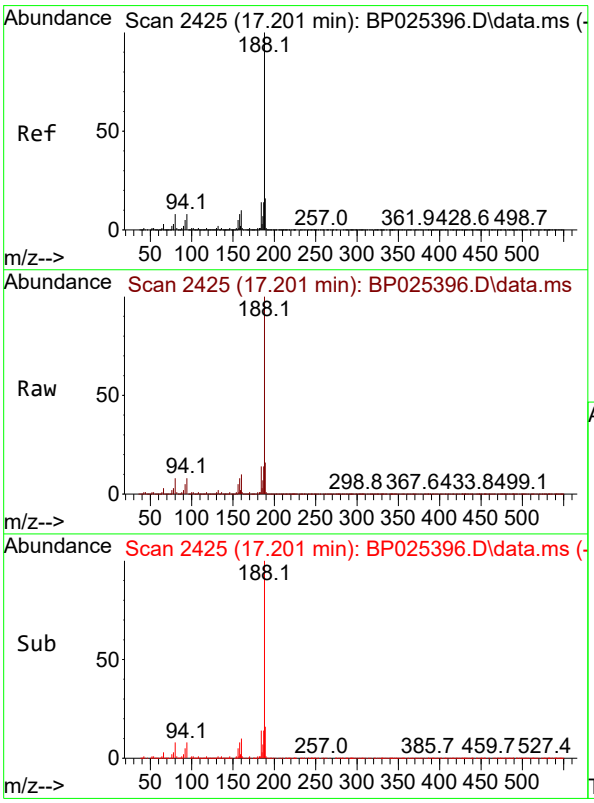
Ion	Ratio	Lower	Upper
77	100		
182	27.5	7.5	47.5
105	22.1	2.1	42.1
51	29.6	9.6	49.6



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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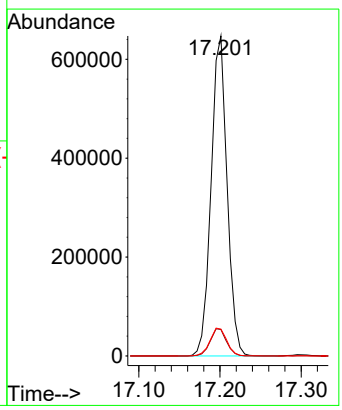
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

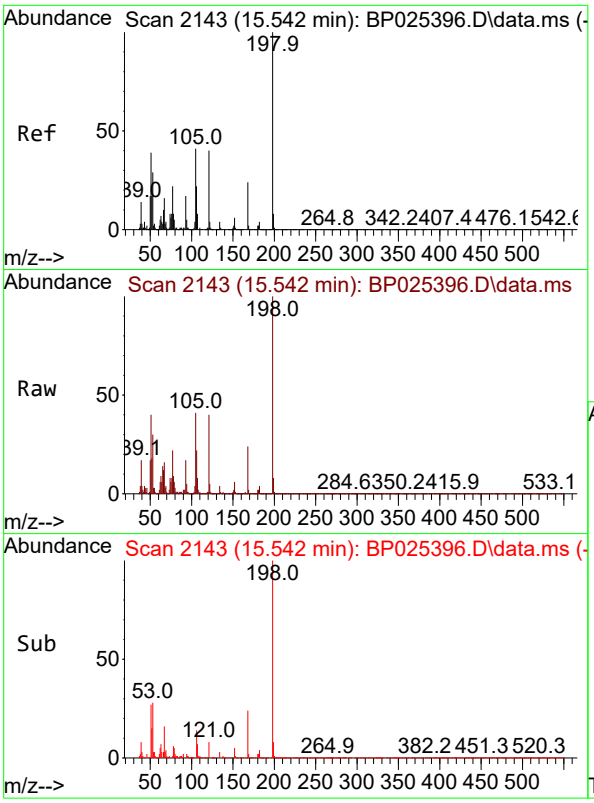


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

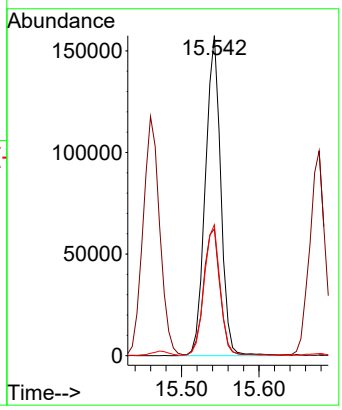
Tgt Ion:198 Resp: 21715

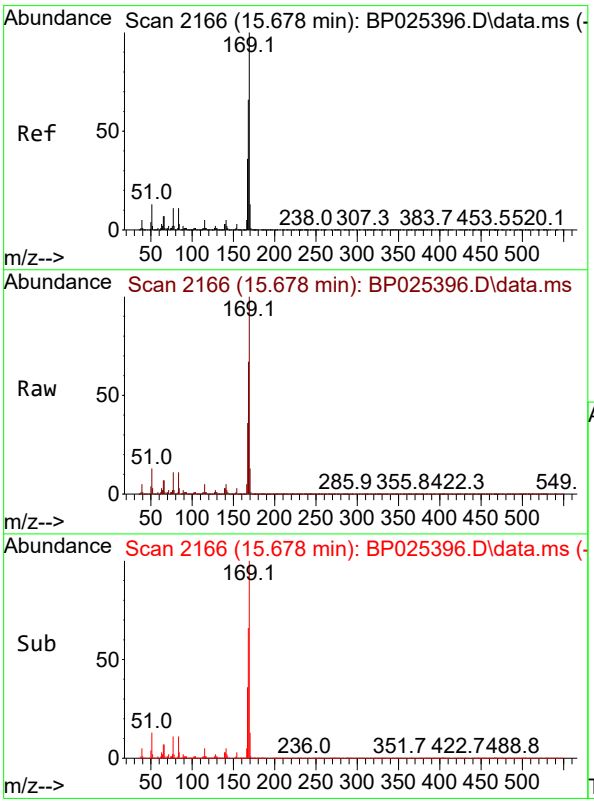
Ion	Ratio	Lower	Upper
198	100		
51	39.6	19.6	59.6
105	40.9	20.9	60.9

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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

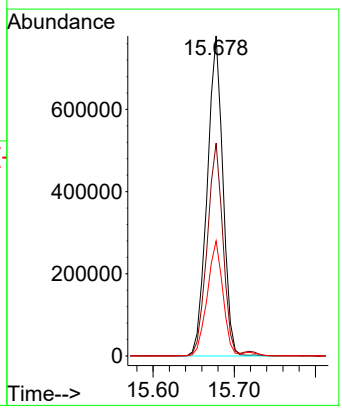


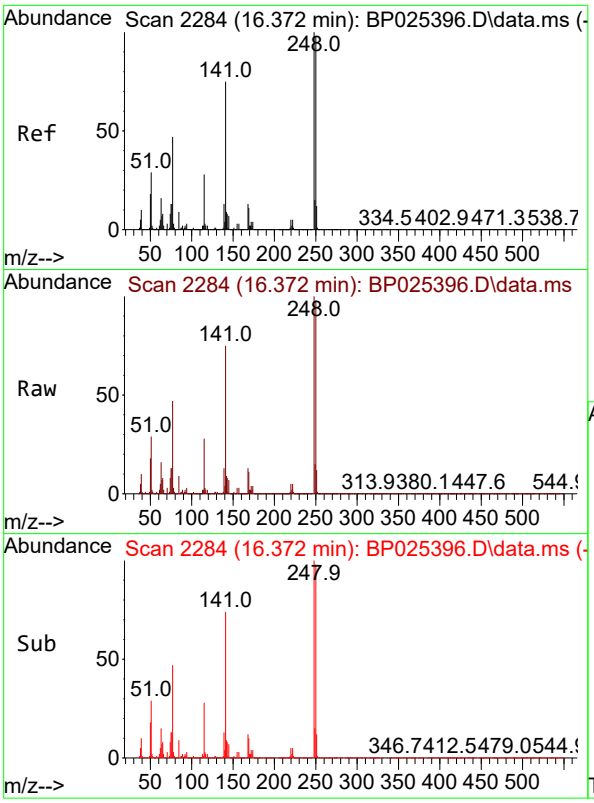


#66
n-Nitrosodiphenylamine
Concen: 38.749 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:169 Resp: 1045170

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.2	79.8
167	35.9	28.7	43.1





#67
4-Bromophenyl-phenylether
Concen: 38.739 ng
RT: 16.372 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

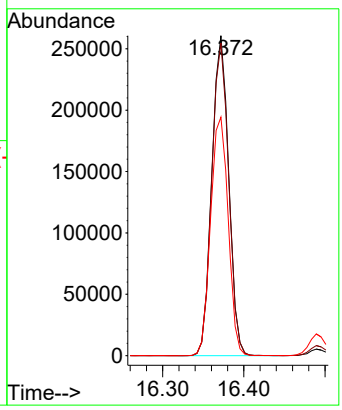
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

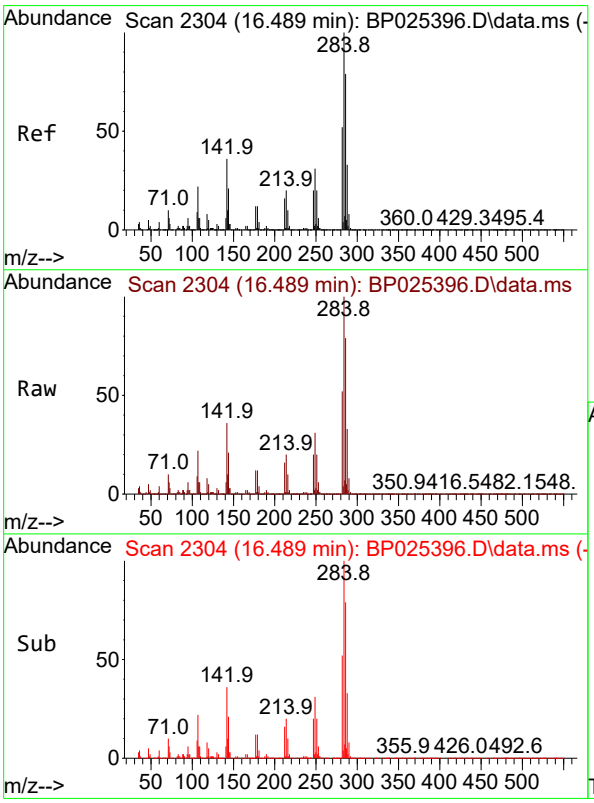
Tgt Ion:248 Resp: 37686

Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.2	117.2
141	74.5	59.6	89.4

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

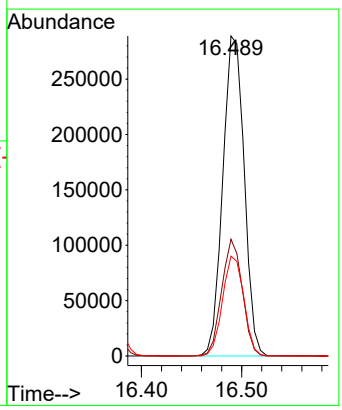


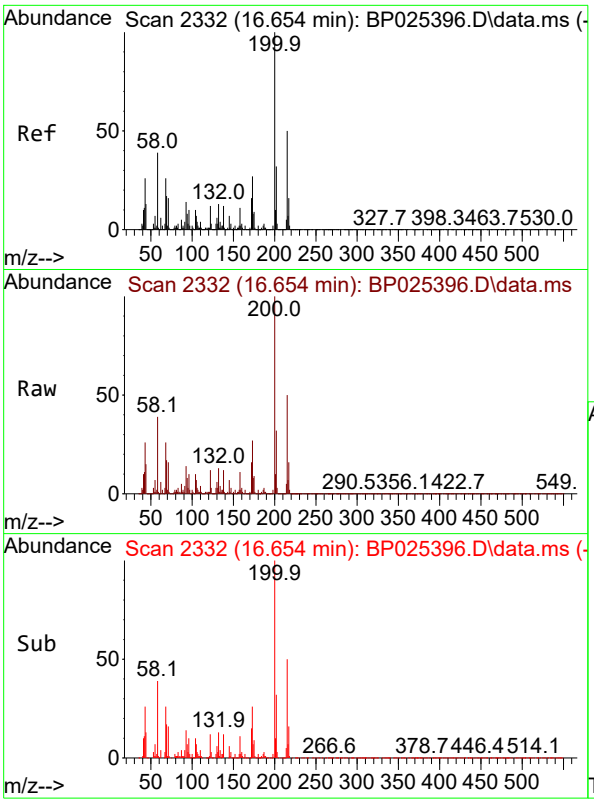


#68
Hexachlorobenzene
Concen: 37.986 ng
RT: 16.489 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

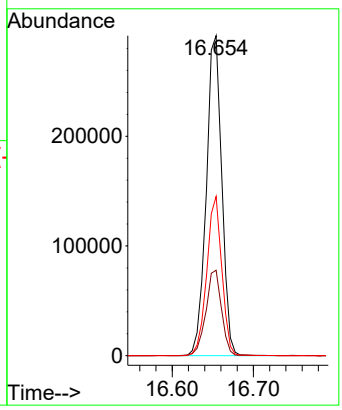
Tgt Ion:200 Resp: 38625

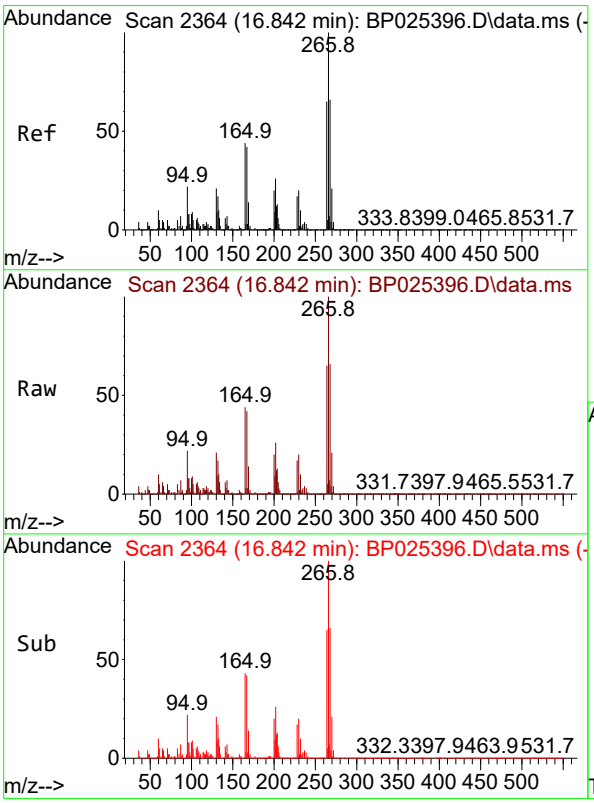
Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.7	46.7
215	49.7	29.7	69.7

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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

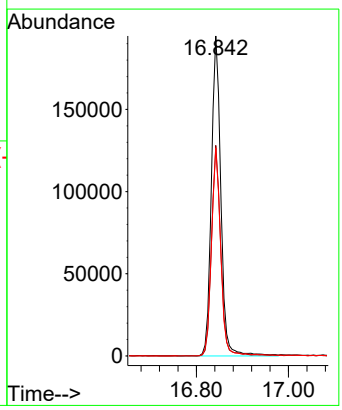


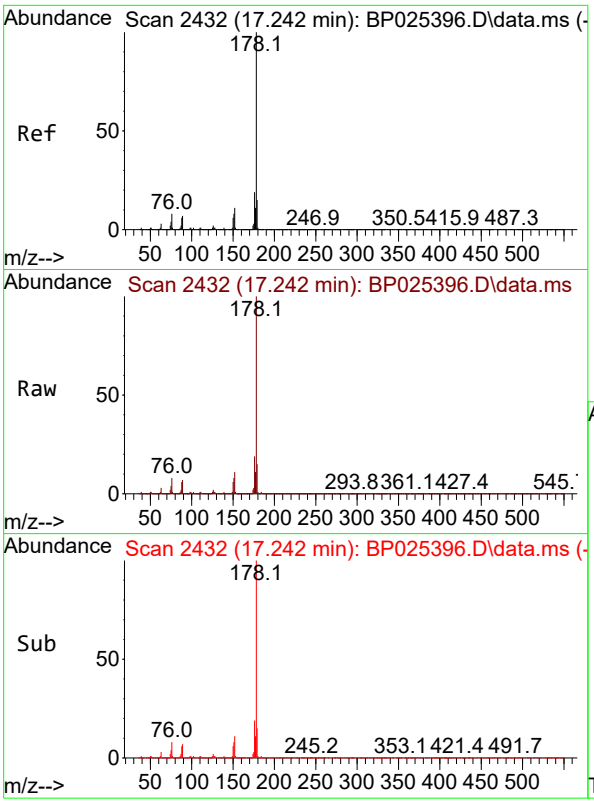


#70
Pentachlorophenol
Concen: 39.110 ng
RT: 16.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

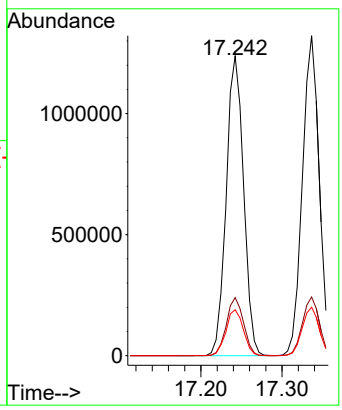




#71
Phenanthrene
Concen: 37.851 ng
RT: 17.242 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:178 Resp: 183919

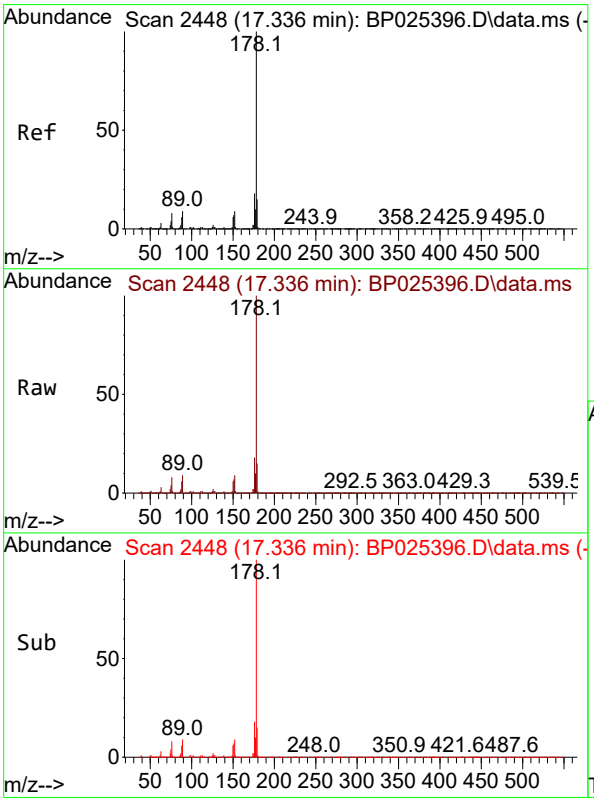
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.3	12.2	18.4



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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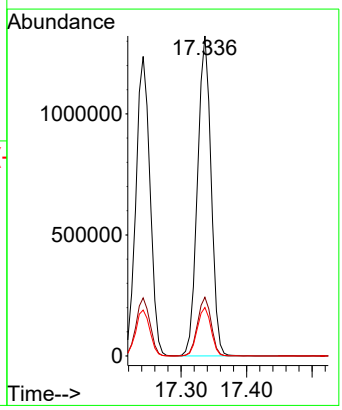
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

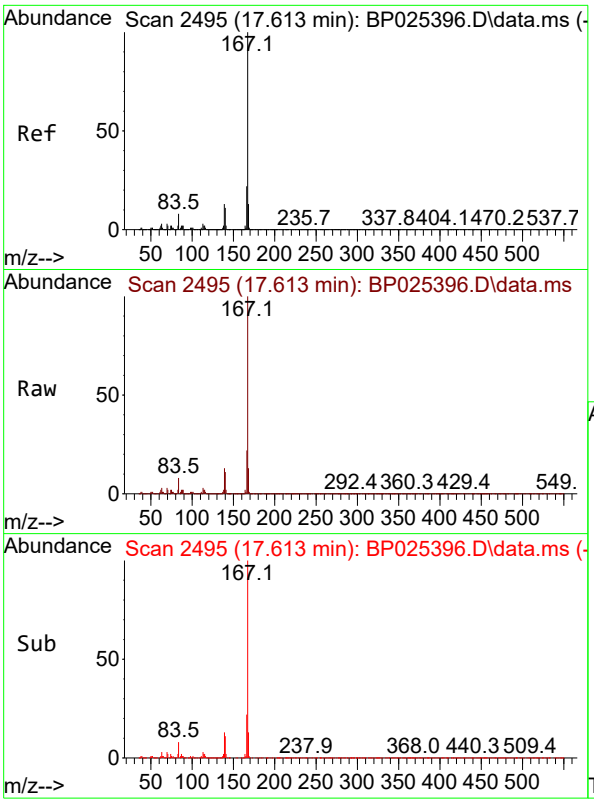


#72
Anthracene
Concen: 38.456 ng
RT: 17.336 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

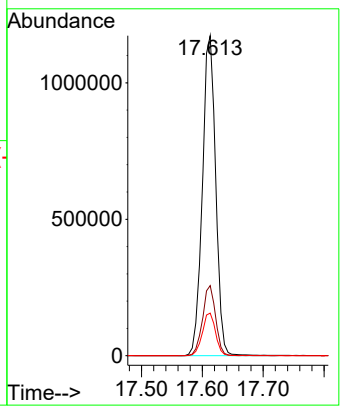
Tgt Ion:167 Resp: 178189

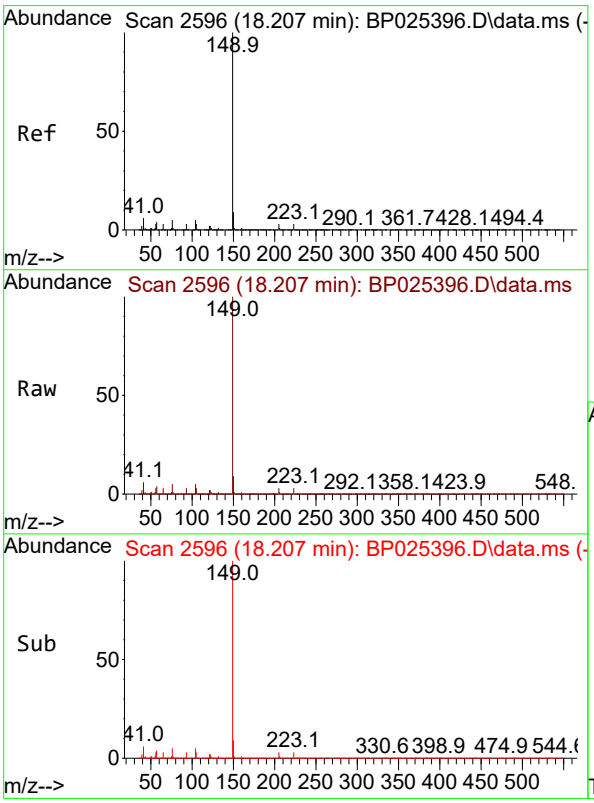
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	13.3	10.6	16.0

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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

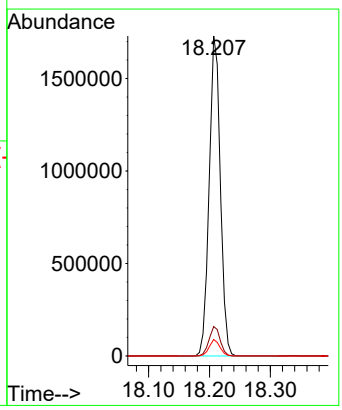


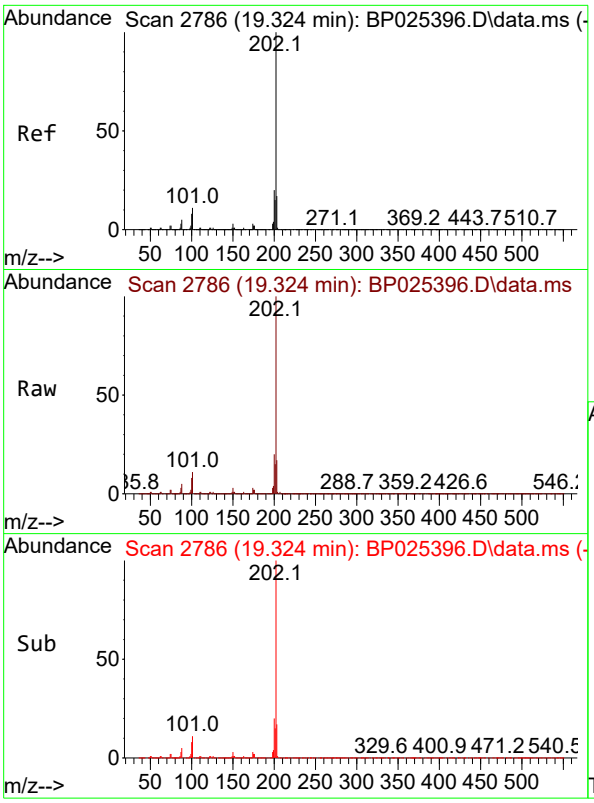


#74
Di-n-butylphthalate
Concen: 38.277 ng
RT: 18.207 min Scan# 2596
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

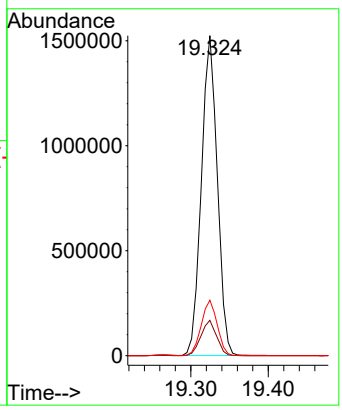




#75
Fluoranthene
Concen: 37.488 ng
RT: 19.324 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:202 Resp: 217275

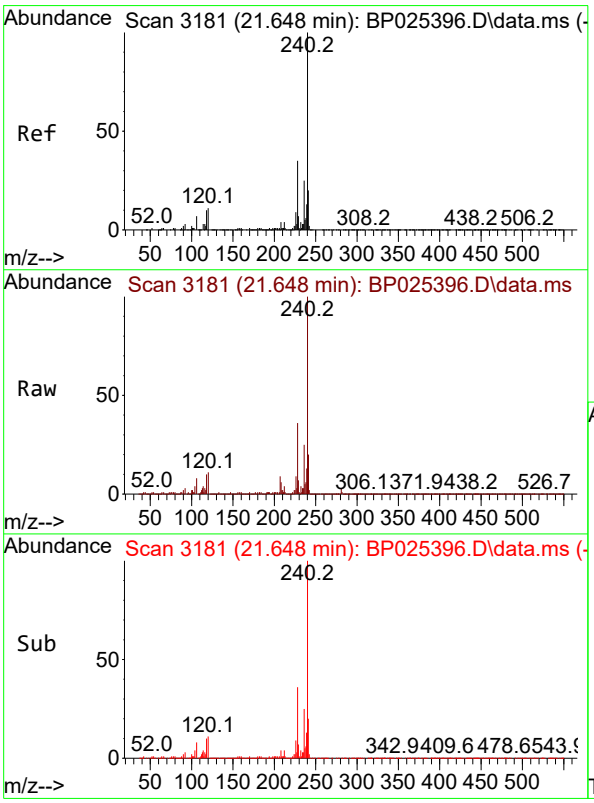
Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.1
203	17.3	0.0	37.3



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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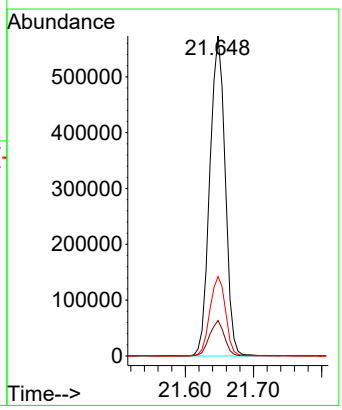
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

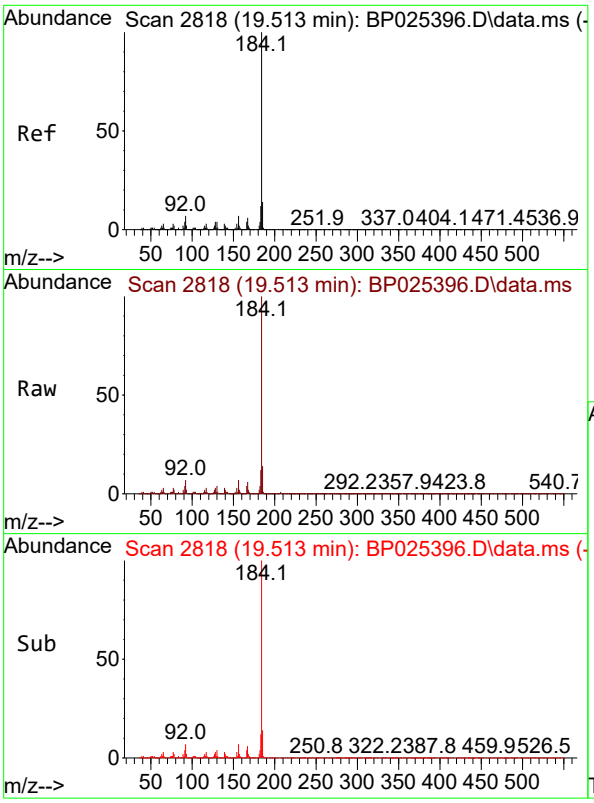


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

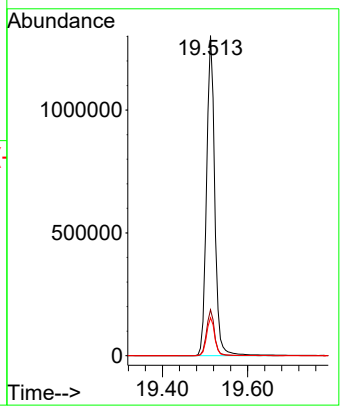




#77
Benzidine
Concen: 56.665 ng
RT: 19.513 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:184 Resp: 173892

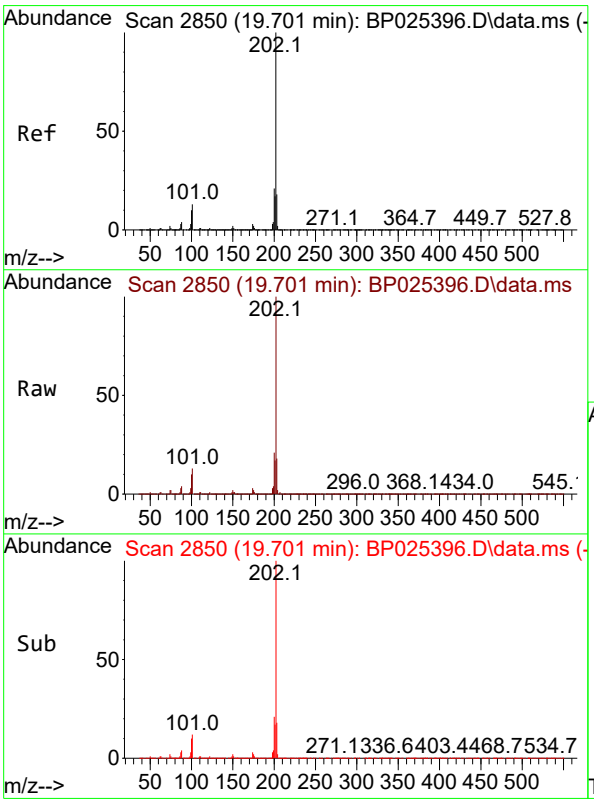
Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.5	17.3
183	11.8	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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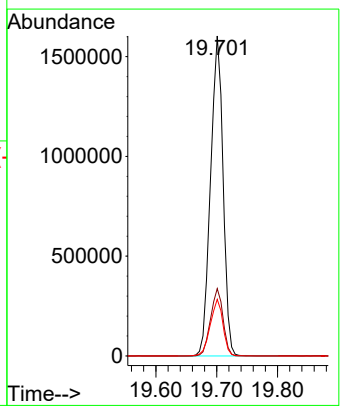
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

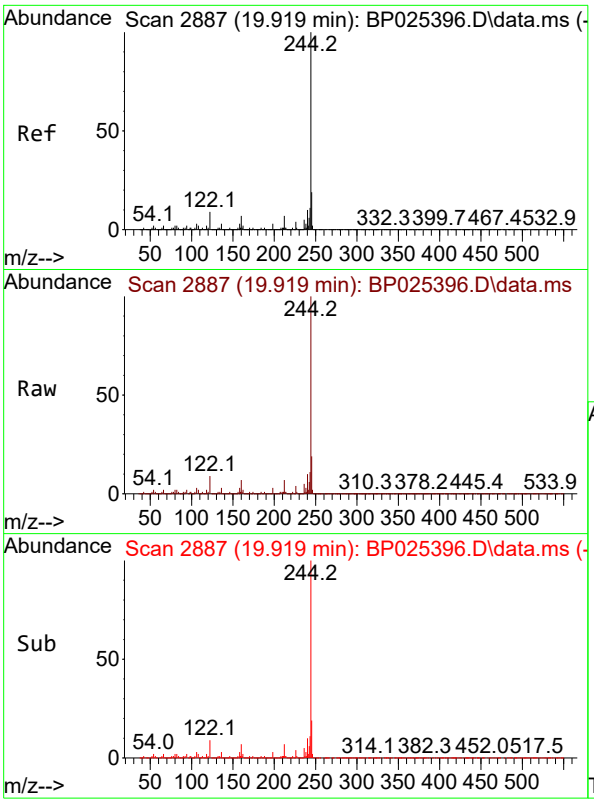


#78
Pyrene
Concen: 39.189 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:202 Resp: 2290461

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.7	14.2	21.2





#79
Terphenyl-d14
Concen: 76.508 ng
RT: 19.919 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

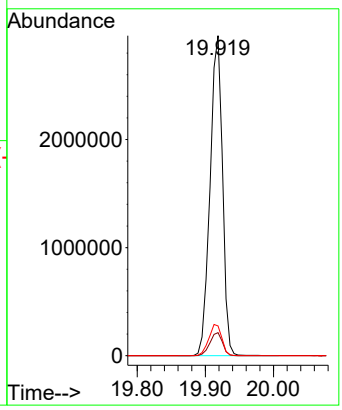
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

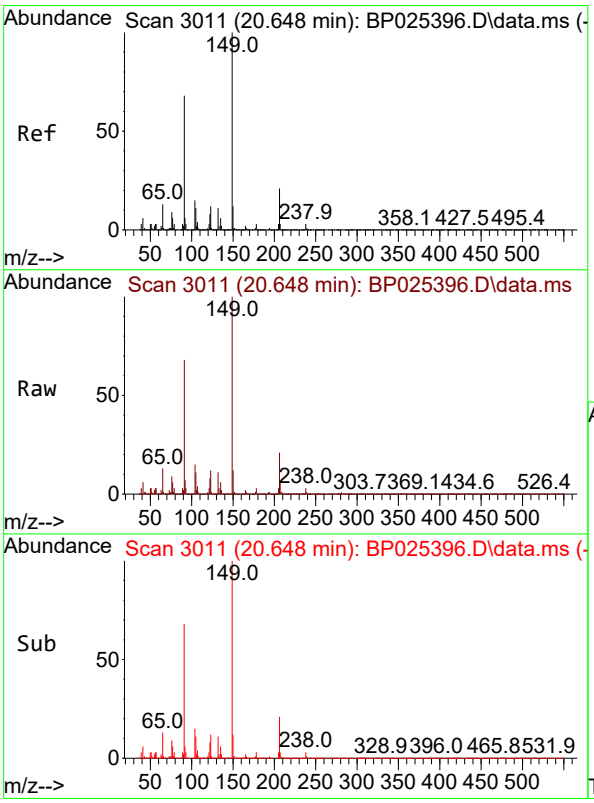
Tgt Ion:244 Resp: 376023

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	9.3	7.4	11.2

Manual Integrations
APPROVED

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

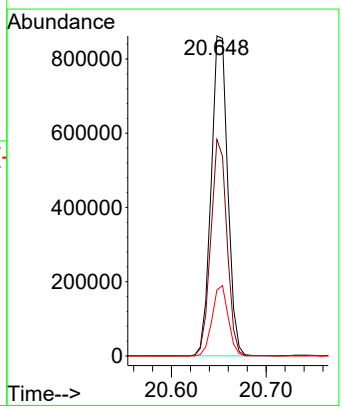


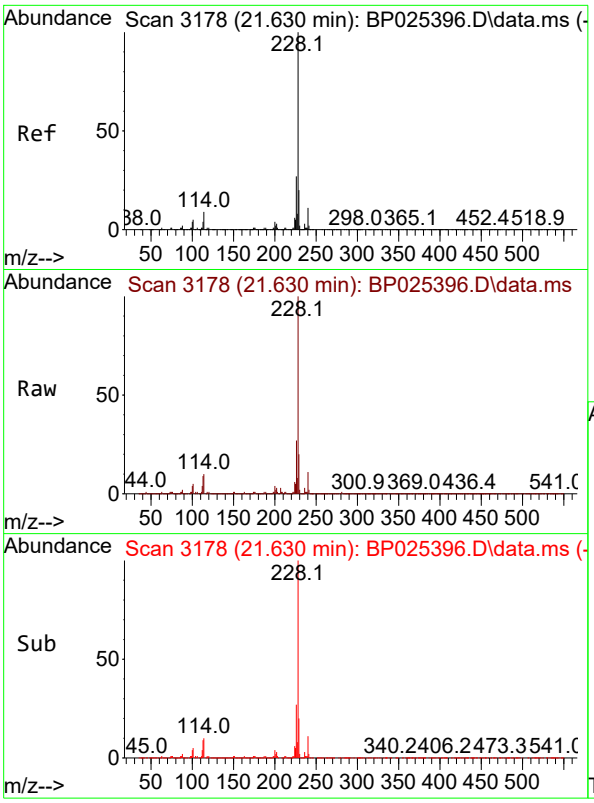


#80
Butylbenzylphthalate
Concen: 39.338 ng
RT: 20.648 min Scan# 3011
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

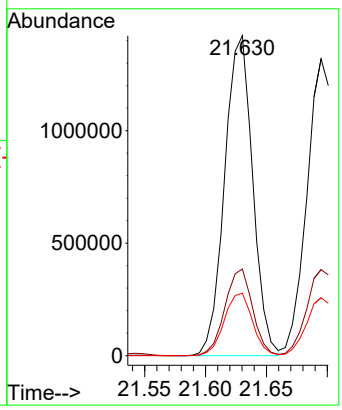




#81
Benzo(a)anthracene
Concen: 38.460 ng
RT: 21.630 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:228 Resp: 228077

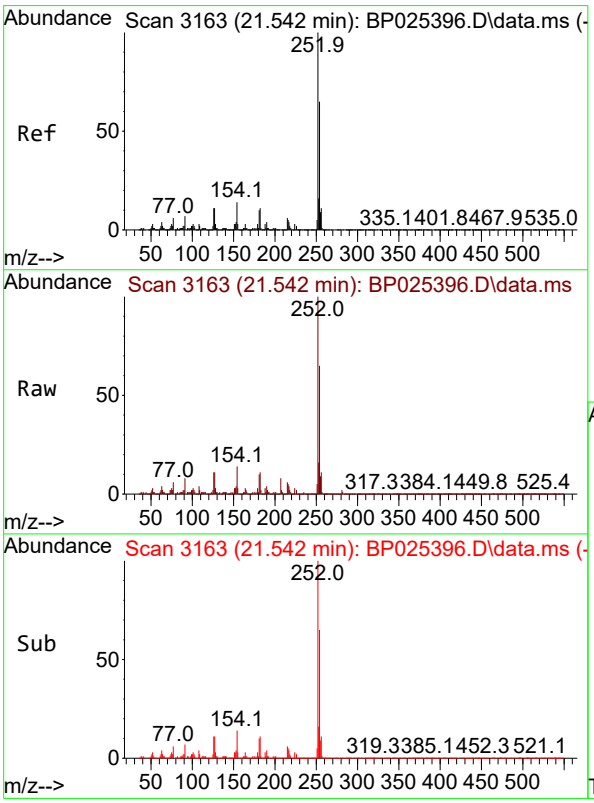
Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.5	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

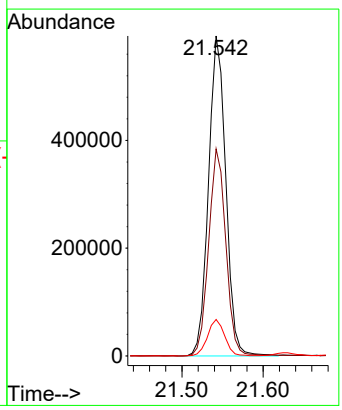
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

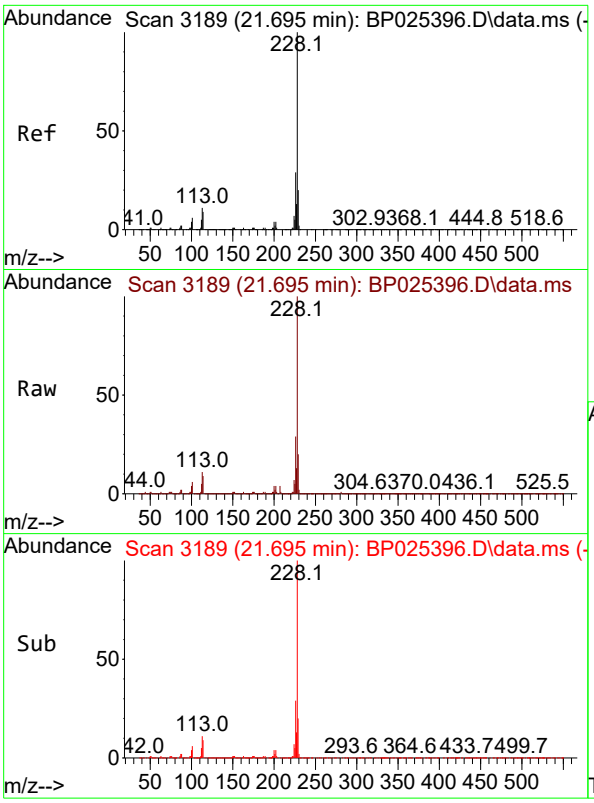


#82
3,3'-Dichlorobenzidine
Concen: 39.266 ng
RT: 21.542 min Scan# 3163
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

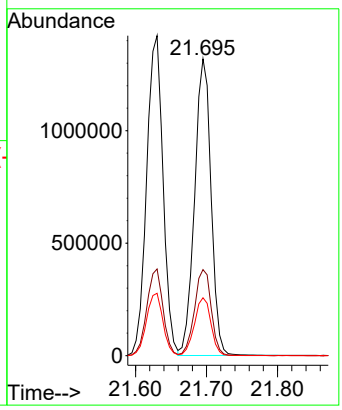




#83
Chrysene
Concen: 38.278 ng
RT: 21.695 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:228 Resp: 212586

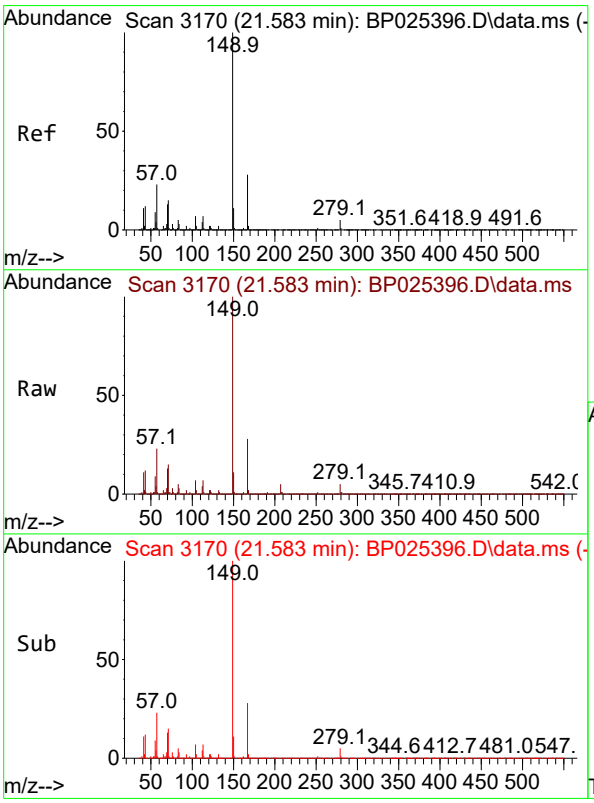
Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.2	34.8
229	19.5	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

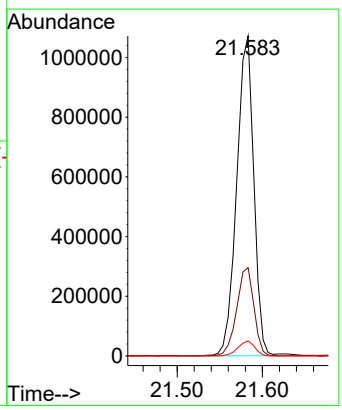
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

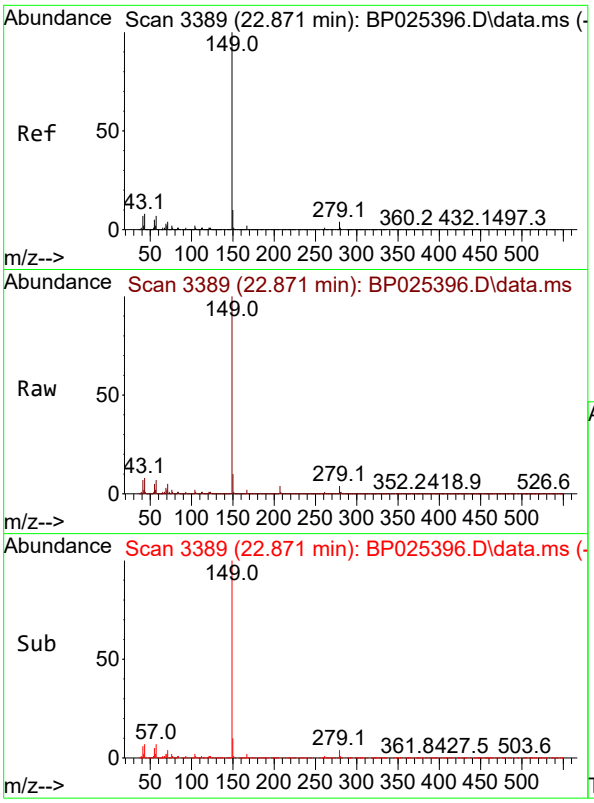


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.310 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

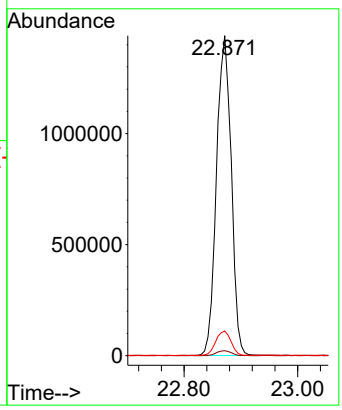
Tgt Ion:149 Resp: 259755

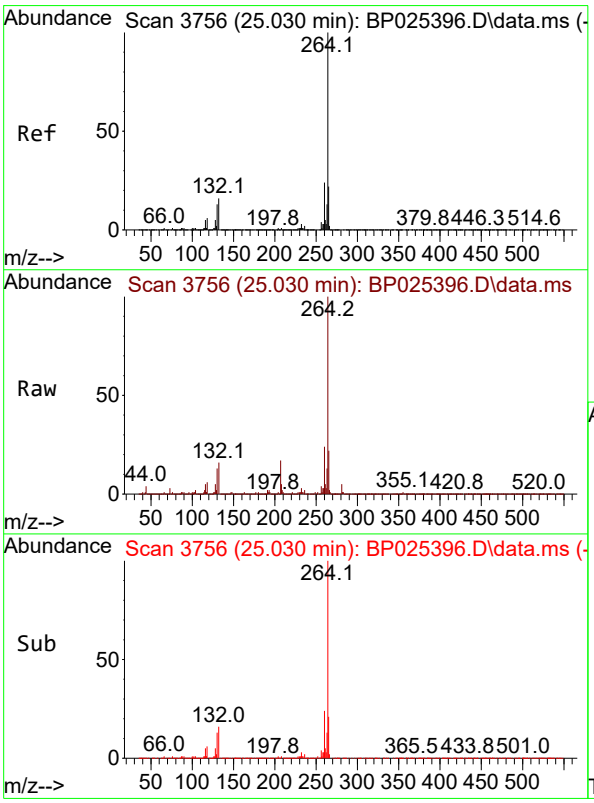
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.9	6.3	9.5

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

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

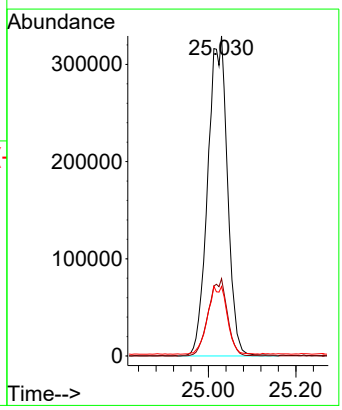


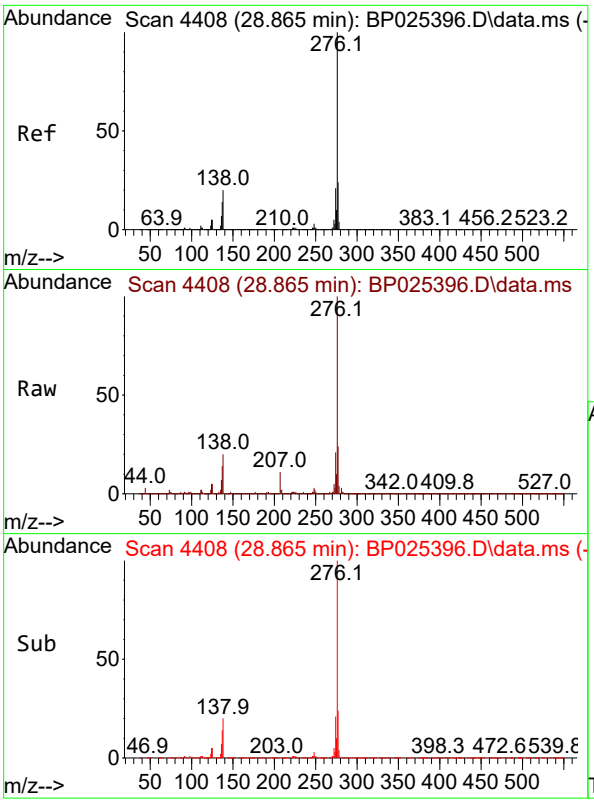


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.030 min Scan# 3756
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:264 Resp: 1022138

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	21.7	17.4	26.0

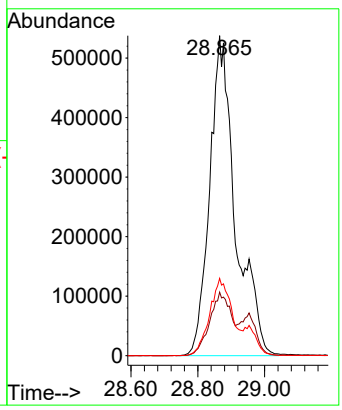




#87
Indeno(1,2,3-cd)pyrene
Concen: 38.470 ng m
RT: 28.865 min Scan# 44
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:276 Resp: 288471

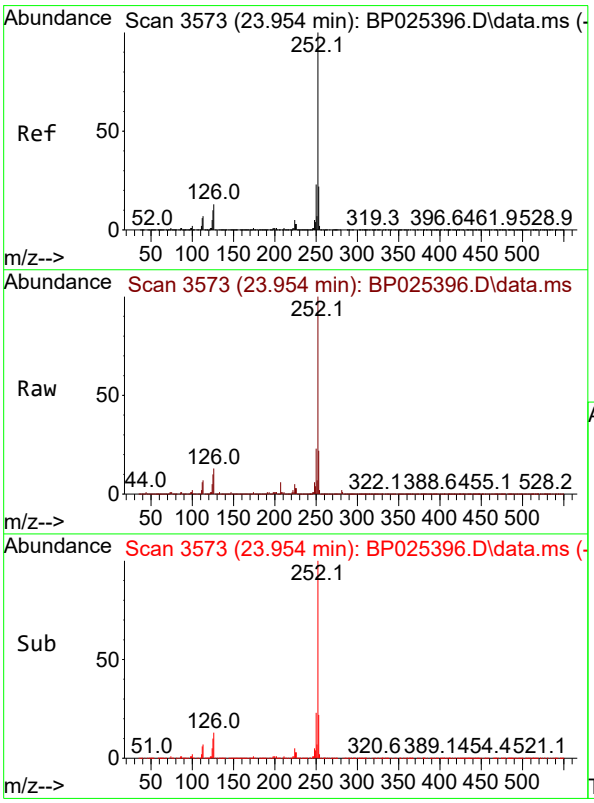
Ion	Ratio	Lower	Upper
276	100		
138	16.1	12.9	19.3
277	21.3	17.0	25.6



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

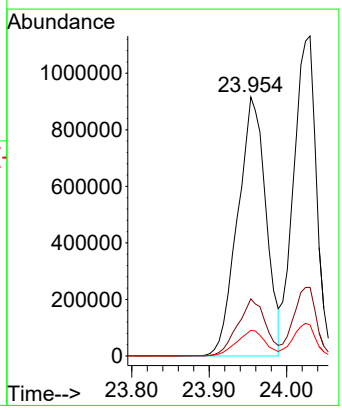
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

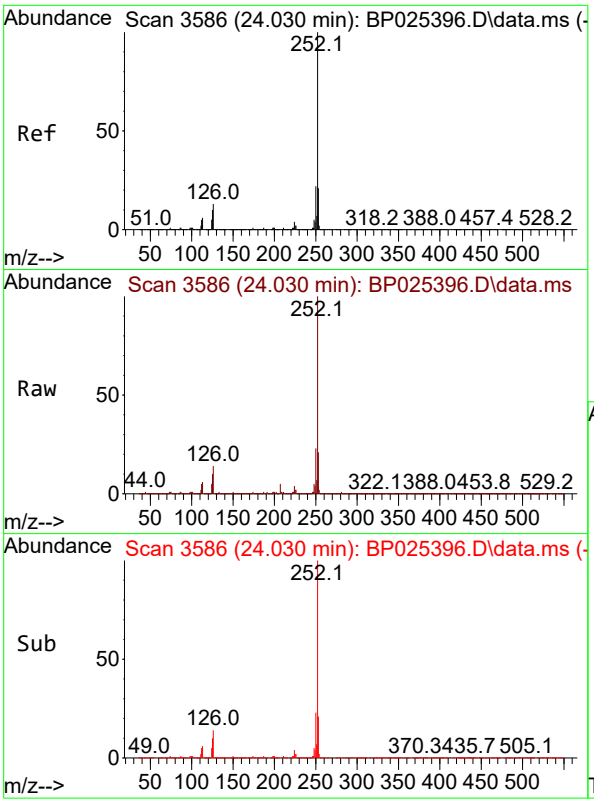


#88
Benzo(b)fluoranthene
Concen: 38.462 ng
RT: 23.954 min Scan# 3573
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

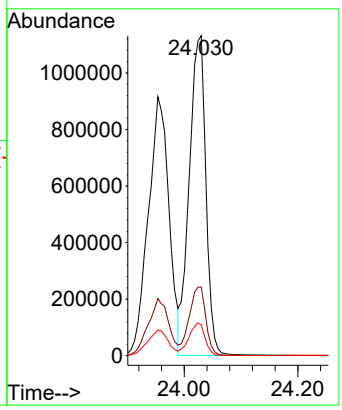




#89
Benzo(k)fluoranthene
Concen: 38.285 ng
RT: 24.030 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:252 Resp: 230909

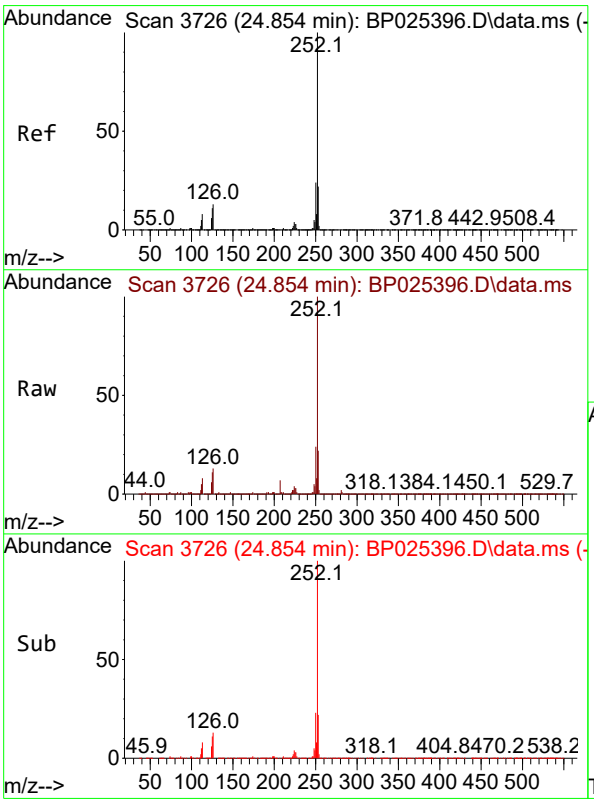
Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	9.7	7.8	11.6



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

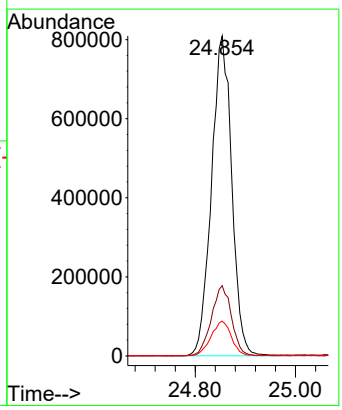
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

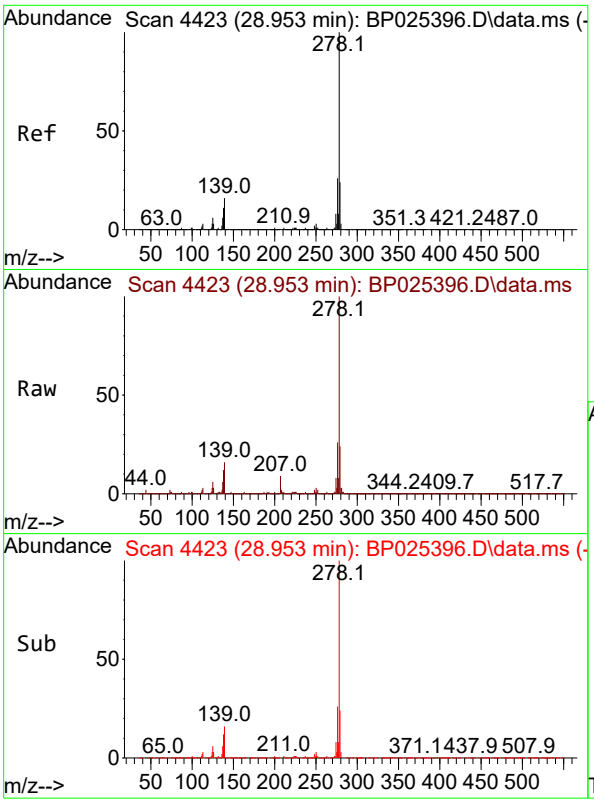


#90
Benzo(a)pyrene
Concen: 38.620 ng
RT: 24.854 min Scan# 3726
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

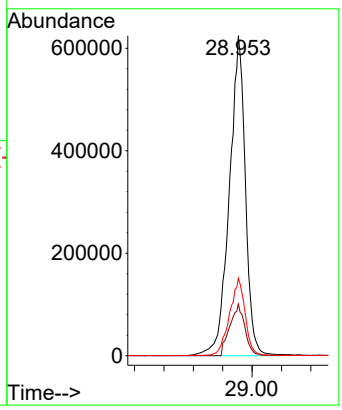




#91
Dibenzo(a,h)anthracene
Concen: 38.589 ng
RT: 28.953 min Scan# 44
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:278 Resp: 236384

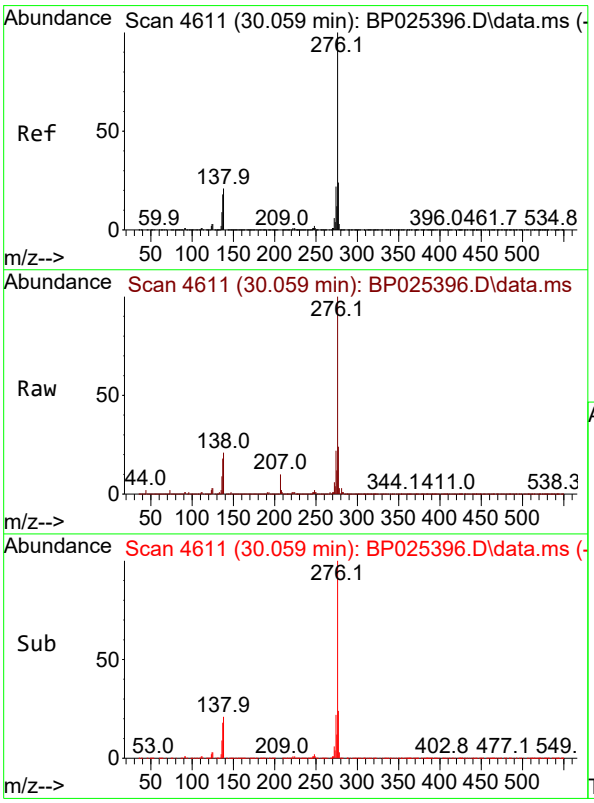
Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.0	19.4
279	24.3	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

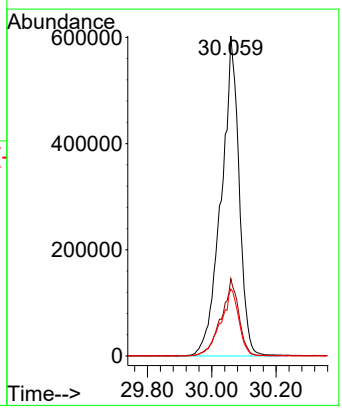
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#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

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	430061	53.421	ng	99
46) 1,1'-Biphenyl	13.231	154	1447968	52.922	ng	99
47) 2-Chloronaphthalene	13.272	162	1114922	52.344	ng	99
48) 2-Nitroaniline	13.472	65	338939	54.613	ng	98
49) Acenaphthylene	14.125	152	1875998	53.227	ng	100
50) Dimethylphthalate	13.860	163	1424127	51.622	ng	100
51) 2,6-Dinitrotoluene	13.966	165	312149	53.683	ng	97
52) Acenaphthene	14.472	154	1087721	52.577	ng	98
53) 3-Nitroaniline	14.301	138	362030	55.339	ng	99
54) 2,4-Dinitrophenol	14.507	184	175453	56.503	ng	98
55) Dibenzofuran	14.813	168	1705630	52.147	ng	99
56) 4-Nitrophenol	14.619	139	296227	55.103	ng	98
57) 2,4-Dinitrotoluene	14.766	165	450923	54.354	ng	97
58) Fluorene	15.466	166	1332448	51.627	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.043	232	378743	53.281	ng	99
60) Diethylphthalate	15.243	149	1450033	51.728	ng	99
61) 4-Chlorophenyl-phenyle...	15.466	204	650101	50.647	ng	99
62) 4-Nitroaniline	15.478	138	364030	54.278	ng	99
63) Azobenzene	15.760	77	1262576	52.602	ng	99
65) 4,6-Dinitro-2-methylph...	15.542	198	262126	55.792	ng	98
66) n-Nitrosodiphenylamine	15.678	169	1195077	51.997	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	433740	52.325	ng	99
68) Hexachlorobenzene	16.495	284	497906	51.816	ng	97
69) Atrazine	16.654	200	451704	52.479	ng	98
70) Pentachlorophenol	16.842	266	332839	54.872	ng	97
71) Phenanthrene	17.248	178	2139431	51.673	ng	100
72) Anthracene	17.337	178	2214911	52.385	ng	100
73) Carbazole	17.613	167	2093175	52.559	ng	99
74) Di-n-butylphthalate	18.213	149	2589522	52.849	ng	99
75) Fluoranthene	19.325	202	2563702	51.910	ng	99
77) Benzidine	19.513	184	1330198	48.615	ng	99
78) Pyrene	19.701	202	2644850	50.754	ng	100
80) Butylbenzylphthalate	20.660	149	1231376	52.139	ng	98
81) Benzo(a)anthracene	21.630	228	2723006	51.499	ng	100
82) 3,3'-Dichlorobenzidine	21.548	252	1043476	52.357	ng	99
83) Chrysene	21.701	228	2565856	51.817	ng	99
84) Bis(2-ethylhexyl)phtha...	21.577	149	1805478	51.933	ng	100
85) Di-n-octyl phthalate	22.877	149	3150824	52.690	ng	100
87) Indeno(1,2,3-cd)pyrene	28.859	276	3604179m	53.463	ng	
88) Benzo(b)fluoranthene	23.960	252	2870971	52.982	ng	100
89) Benzo(k)fluoranthene	24.042	252	2817276	51.956	ng	99
90) Benzo(a)pyrene	24.877	252	2800880	53.100	ng	99
91) Dibenzo(a,h)anthracene	28.965	278	2962622	53.795	ng	98
92) Benzo(g,h,i)perylene	30.053	276	2866689m	52.960	ng	

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

ICAL Form

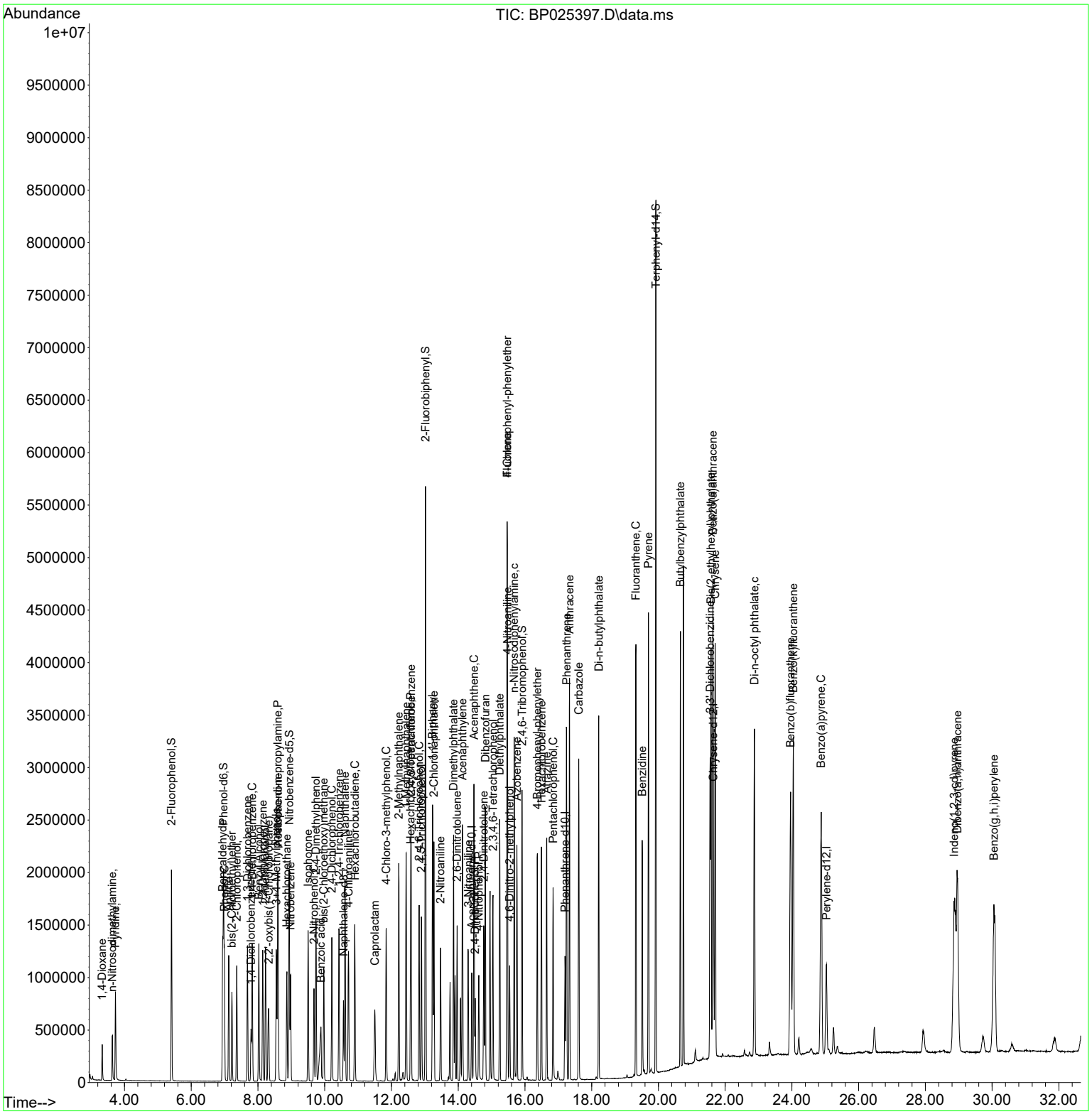
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Data File : BP025397.D
Acq On : 14 Aug 2025 16:01
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

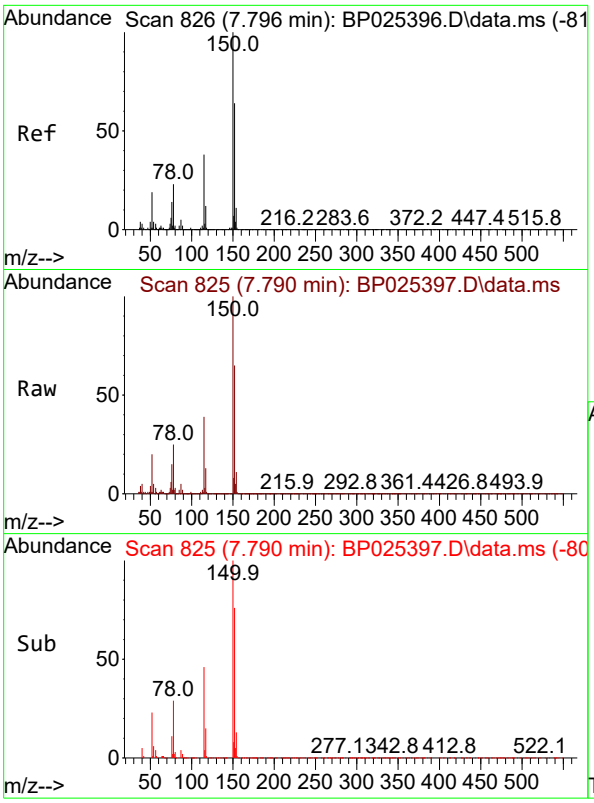
Quant Time: Aug 14 17:57:10 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

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

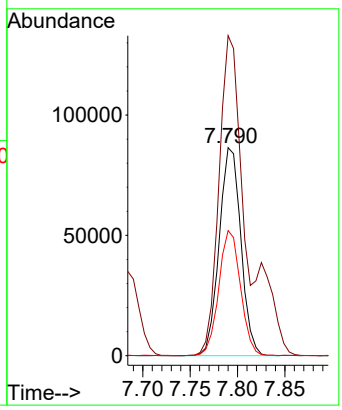




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:152 Resp: 13794

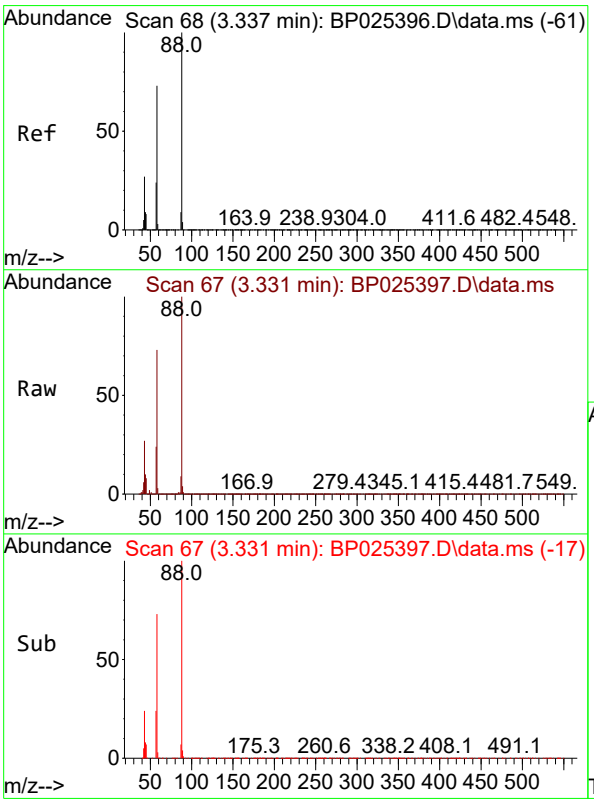
Ion	Ratio	Lower	Upper
152	100		
150	153.9	125.9	188.9
115	60.2	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

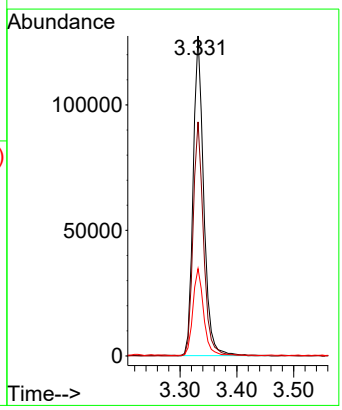
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

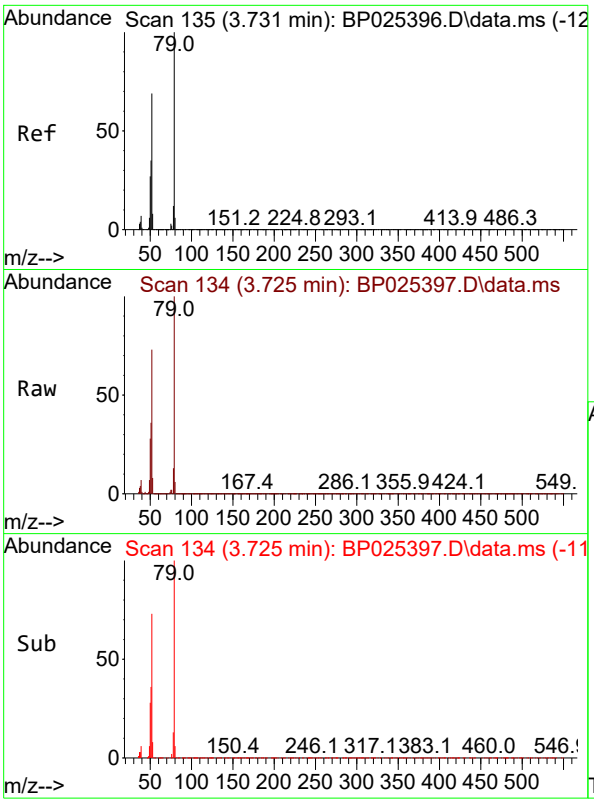


#2
1,4-Dioxane
Concen: 50.769 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 88 Resp: 165184

Ion	Ratio	Lower	Upper
88	100		
58	72.6	59.2	88.8
43	27.8	21.7	32.5

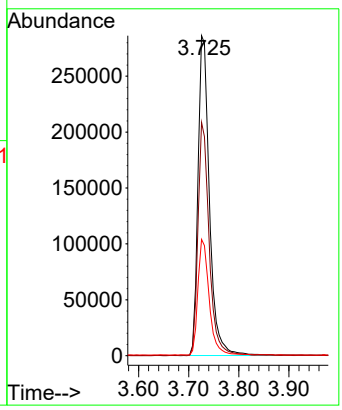




#3
Pyridine
Concen: 50.983 ng
RT: 3.725 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 79 Resp: 45402

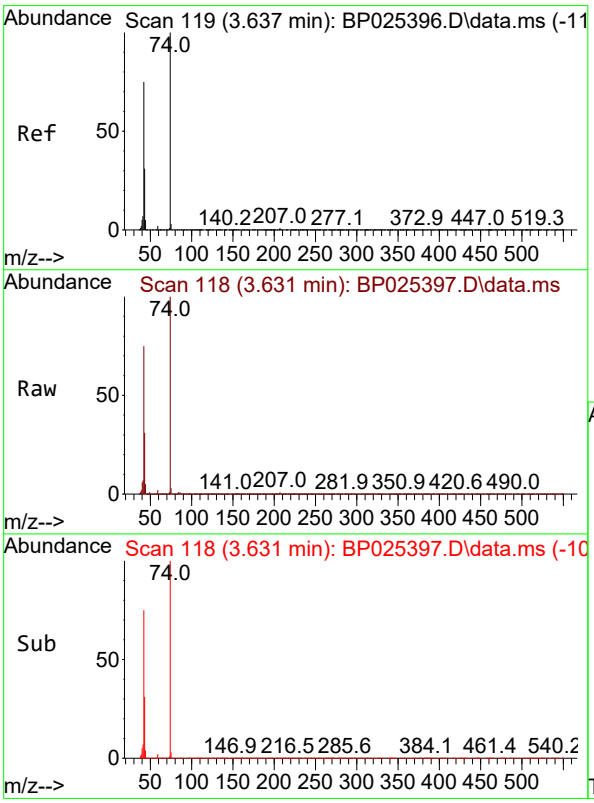
Ion	Ratio	Lower	Upper
79	100		
52	72.9	55.5	83.3
51	36.3	28.3	42.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

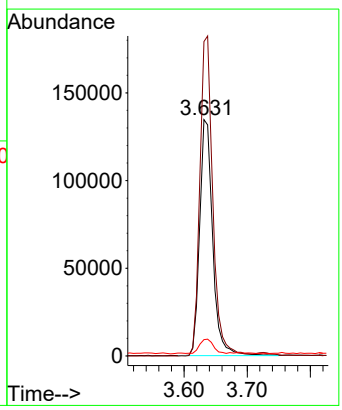
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

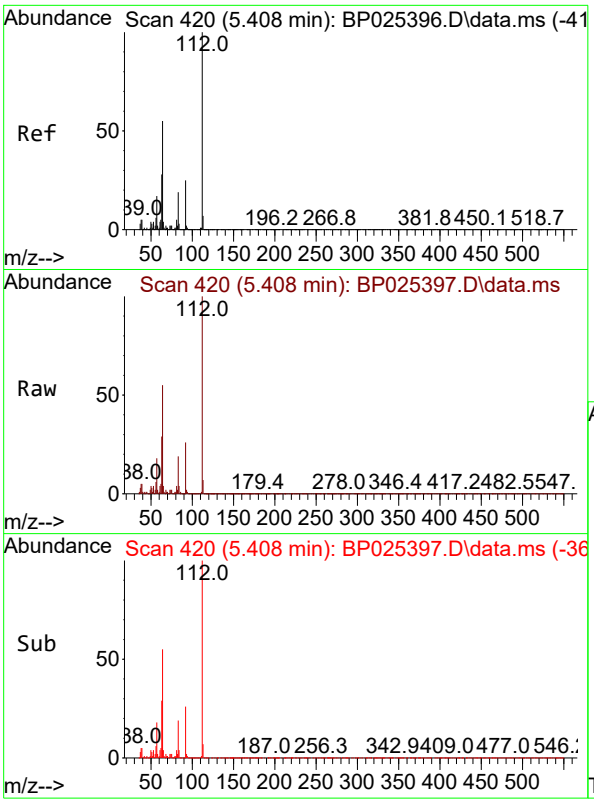


#4
n-Nitrosodimethylamine
Concen: 52.524 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 42 Resp: 192837

Ion	Ratio	Lower	Upper
42	100		
74	133.0	107.0	160.4
44	6.9	6.2	9.4

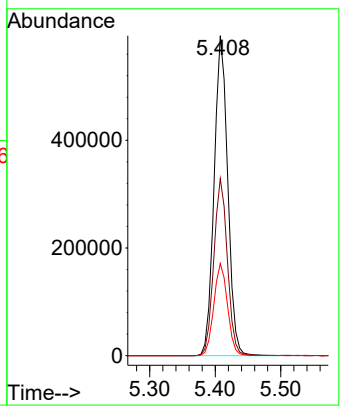




#5
2-Fluorophenol
Concen: 102.963 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:112 Resp: 85525

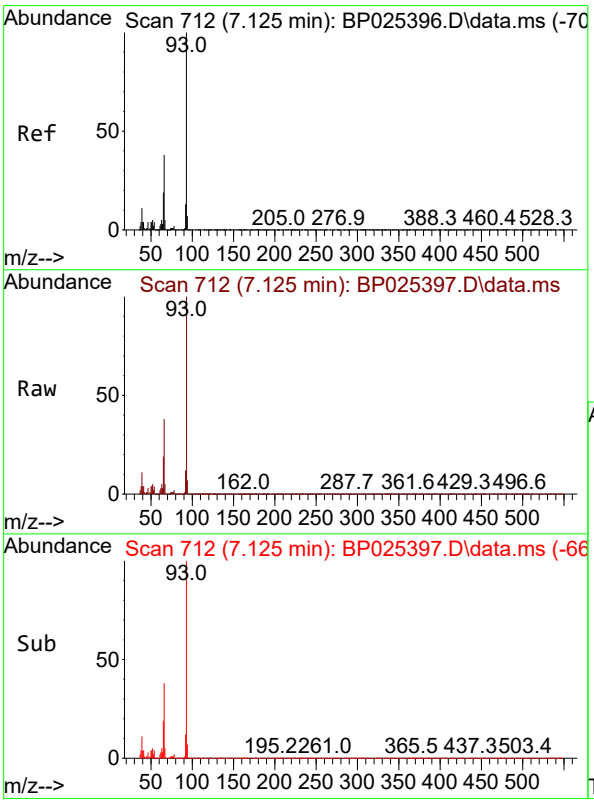
Ion	Ratio	Lower	Upper
112	100		
64	55.4	43.8	65.8
63	28.8	22.7	34.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

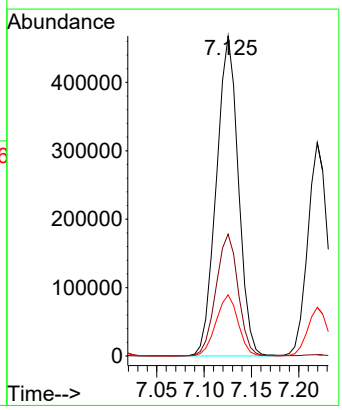
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

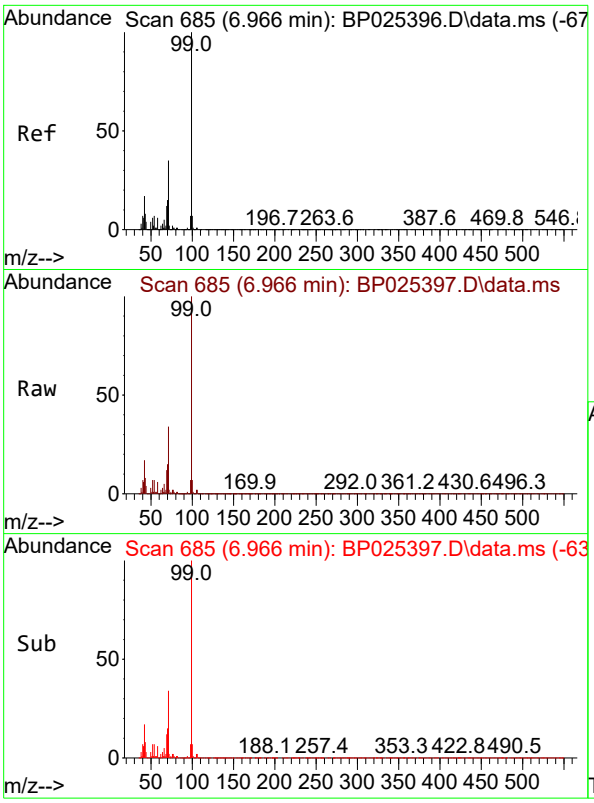


#6
Aniline
Concen: 52.743 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 93 Resp: 756782

Ion	Ratio	Lower	Upper
93	100		
66	38.0	30.4	45.6
65	19.1	15.3	22.9

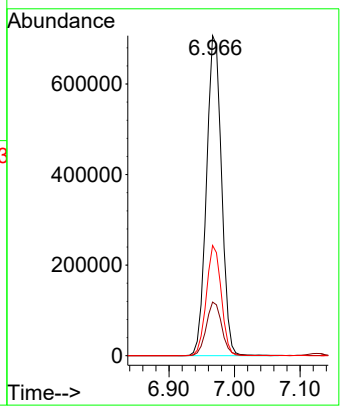




#7
Phenol-d6
Concen: 106.283 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 99 Resp: 113186

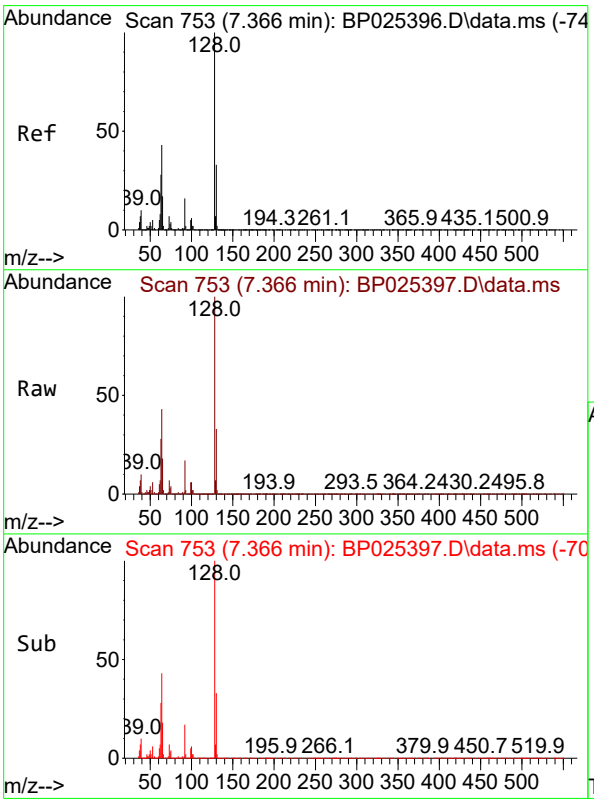
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.7	20.5
71	34.4	28.2	42.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

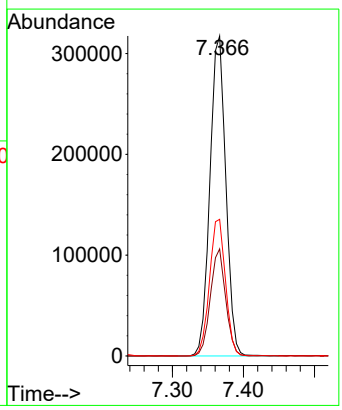
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

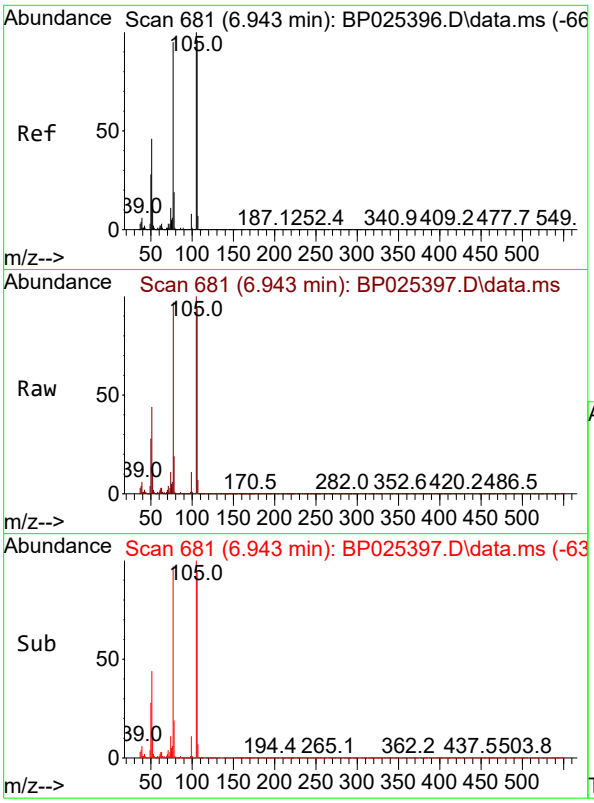


#8
2-Chlorophenol
Concen: 52.550 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:128 Resp: 492570

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.6	52.6
64	42.7	23.4	63.4

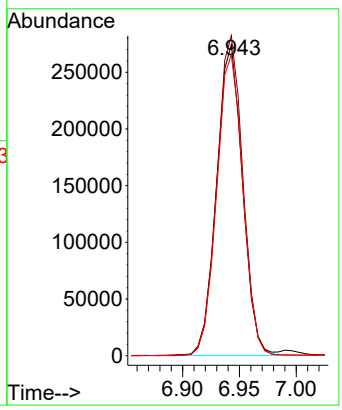




#9
Benzaldehyde
Concen: 58.325 ng
RT: 6.943 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 77 Resp: 43517

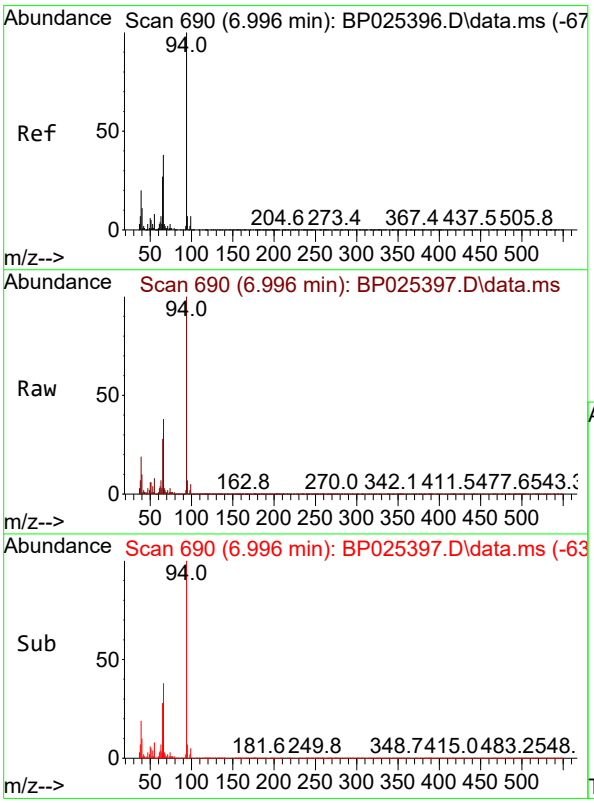
Ion	Ratio	Lower	Upper
77	100		
105	102.9	84.8	124.8
106	96.7	80.5	120.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

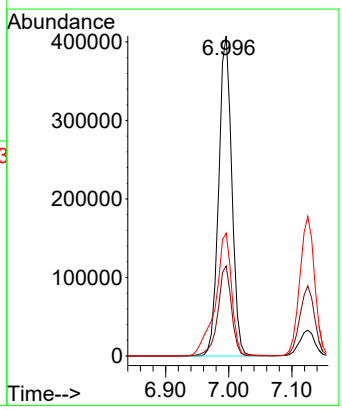
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

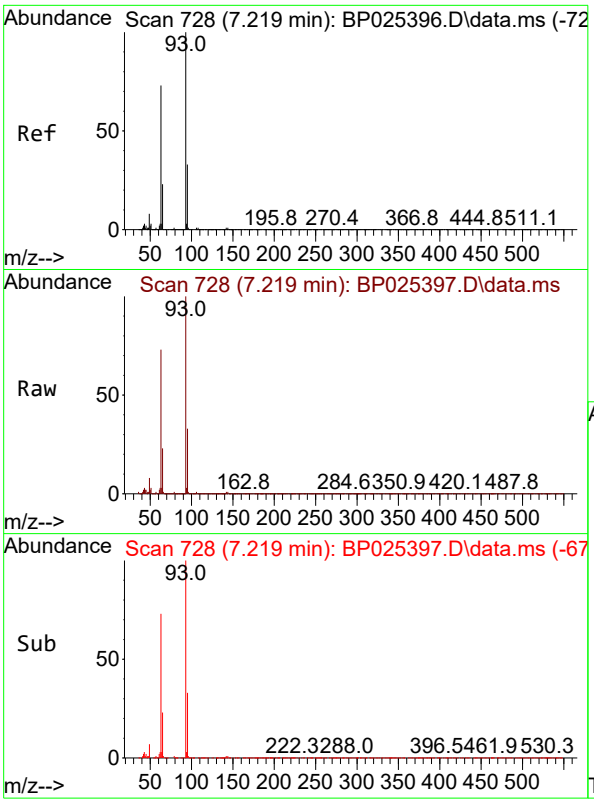


#10
Phenol
Concen: 52.687 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 94 Resp: 588764

Ion	Ratio	Lower	Upper
94	100		
65	28.1	6.8	46.8
66	38.4	18.2	58.2

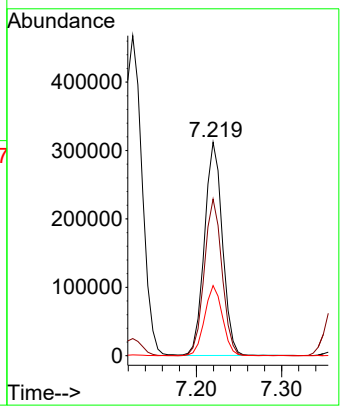




#11
bis(2-Chloroethyl)ether
Concen: 52.320 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 93 Resp: 45569

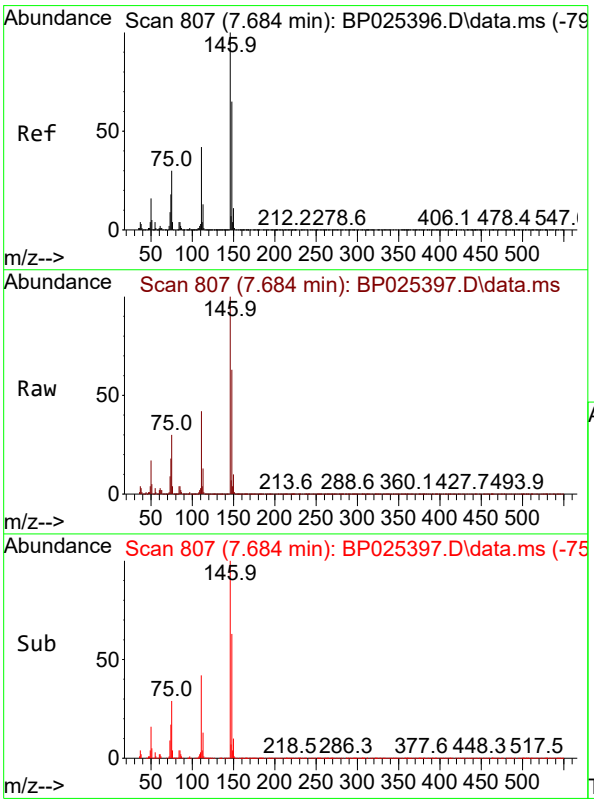
Ion	Ratio	Lower	Upper
93	100		
63	73.4	52.6	92.6
95	32.9	12.7	52.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

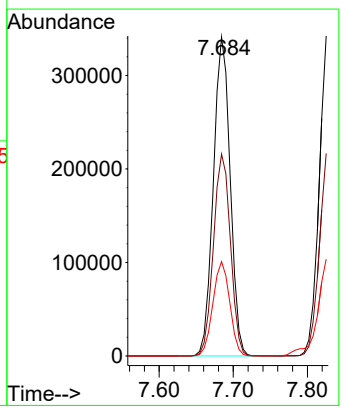
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

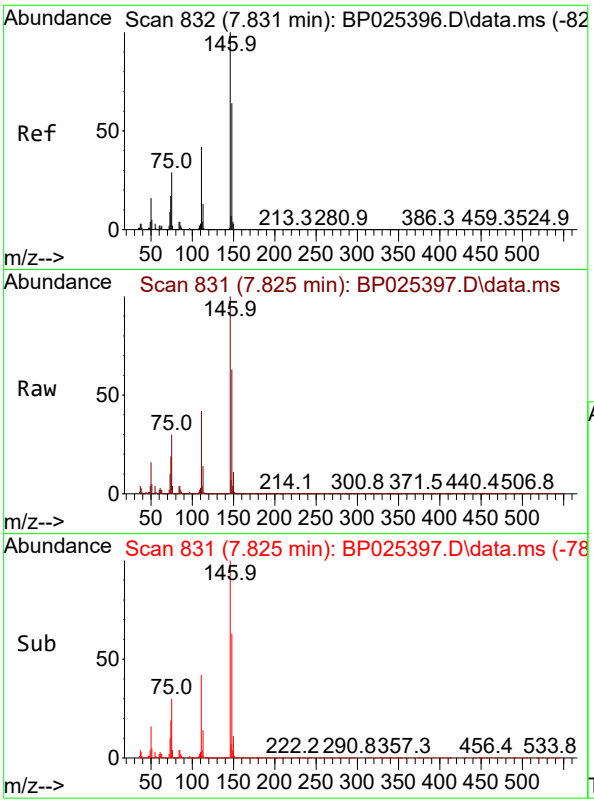


#12
1,3-Dichlorobenzene
Concen: 51.884 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:146 Resp: 536261

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.9	77.9
75	29.6	23.7	35.5

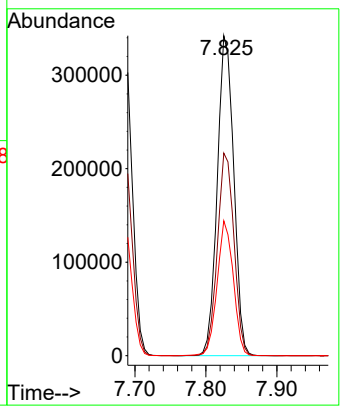




#13
1,4-Dichlorobenzene
Concen: 52.113 ng
RT: 7.825 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:146 Resp: 55054

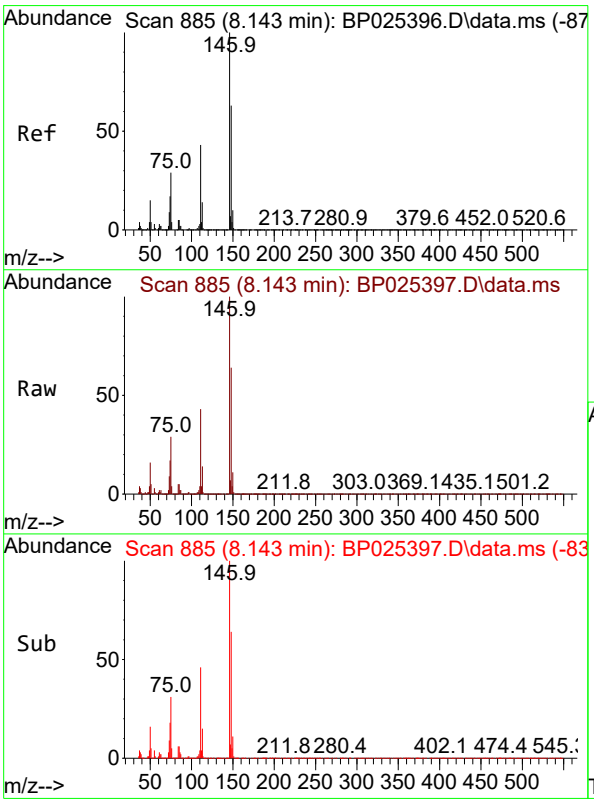
Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.6	77.4
111	42.2	33.4	50.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

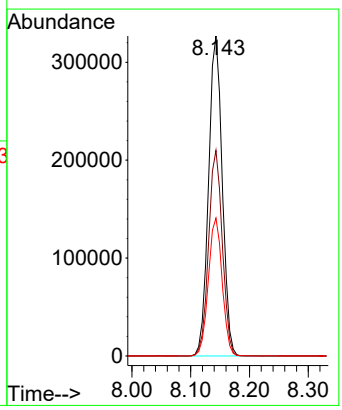
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

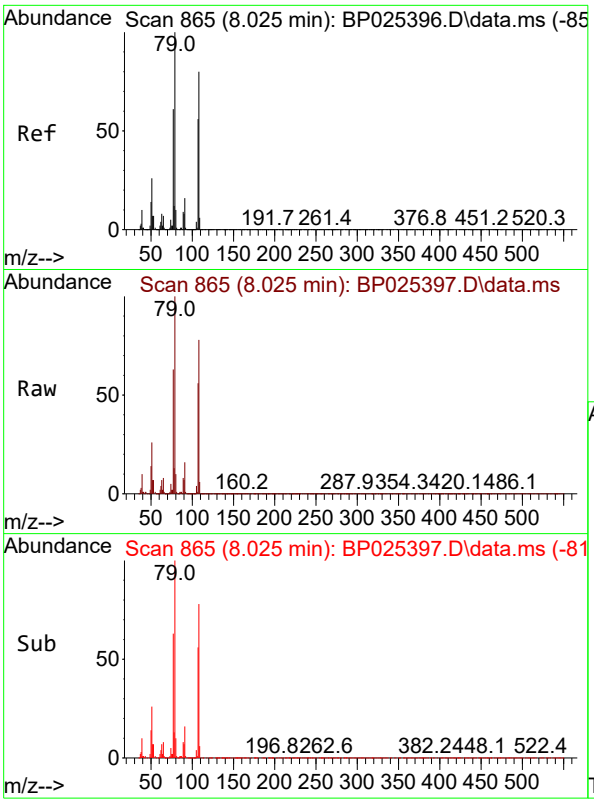


#14
1,2-Dichlorobenzene
Concen: 51.705 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:146 Resp: 528750

Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.4	75.6
111	43.1	34.5	51.7

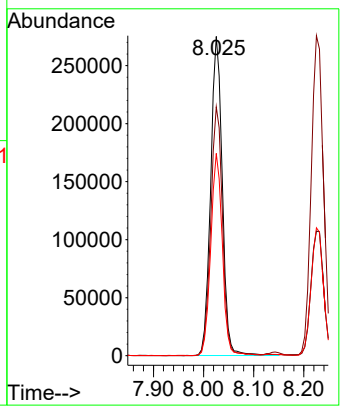




#15
Benzyl Alcohol
Concen: 52.458 ng
RT: 8.025 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 79 Resp: 44388

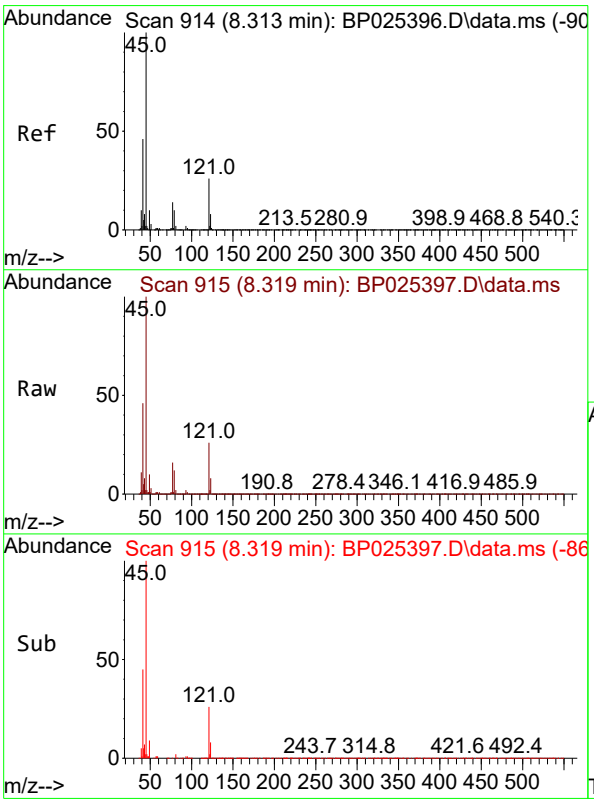
Ion	Ratio	Lower	Upper
79	100		
108	77.9	63.8	95.6
77	63.4	49.0	73.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

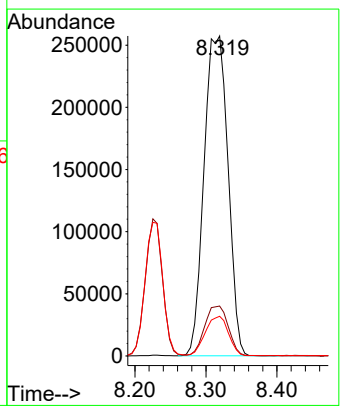
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

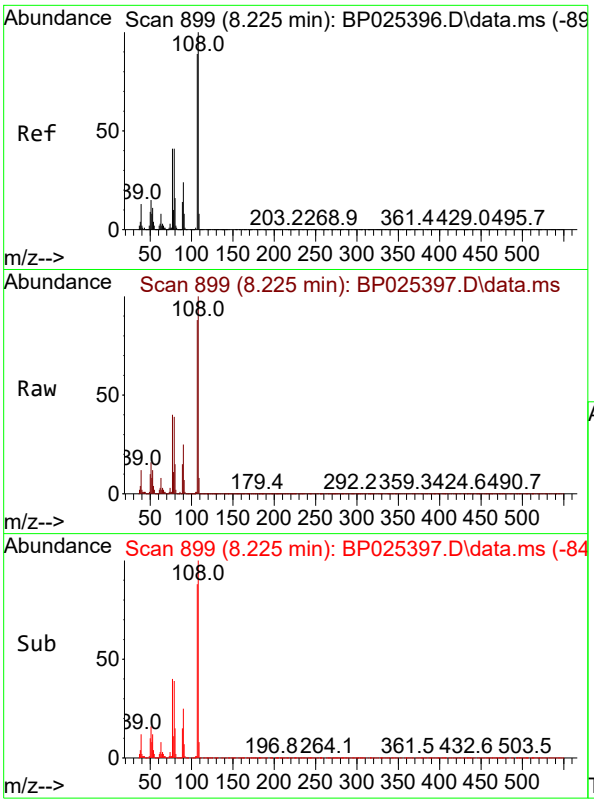


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.742 ng
RT: 8.319 min Scan# 915
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 45 Resp: 603716

Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	35.3
79	12.4	0.0	31.8

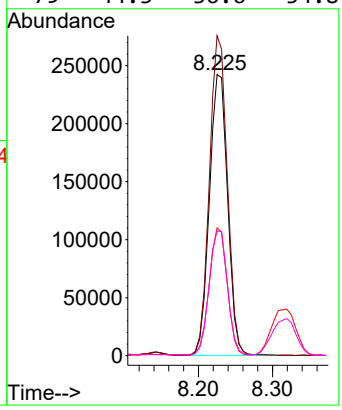




#17
2-Methylphenol
Concen: 53.211 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:107 Resp: 41297

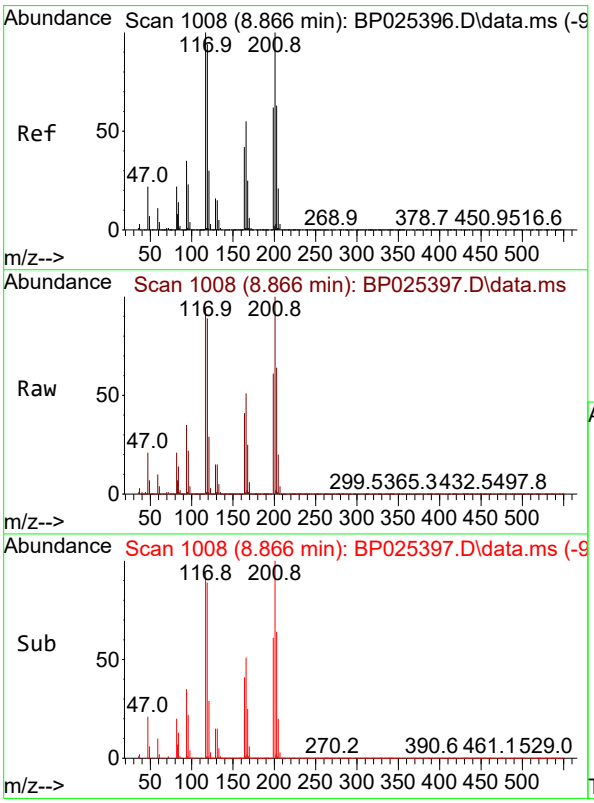
Ion	Ratio	Lower	Upper
107	100		
108	113.8	89.4	134.0
77	45.5	36.3	54.5
79	44.3	36.6	54.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

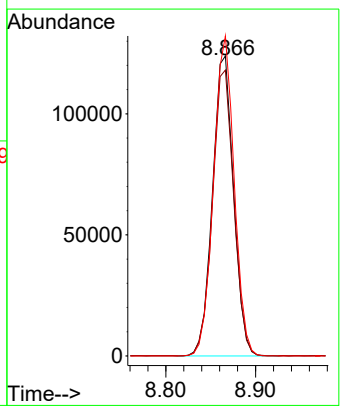
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

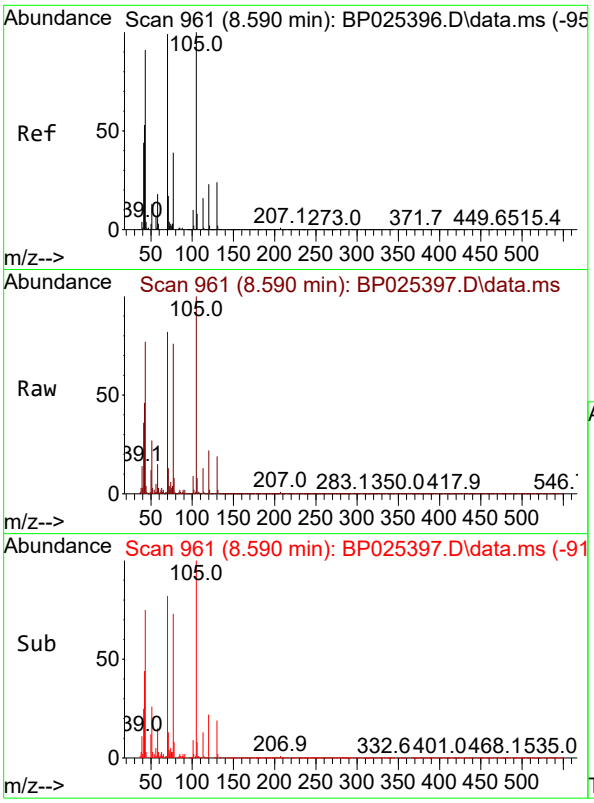


#18
Hexachloroethane
Concen: 52.178 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:117 Resp: 202672

Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.1	112.7
201	106.7	80.1	120.1

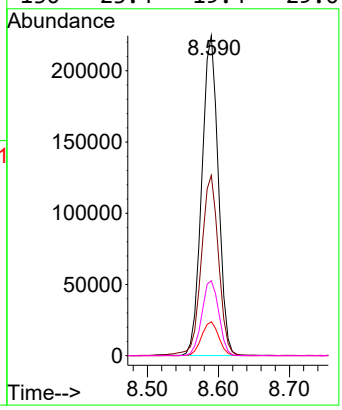




#19
n-Nitroso-di-n-propylamine
Concen: 51.419 ng
RT: 8.590 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 70 Resp: 36315

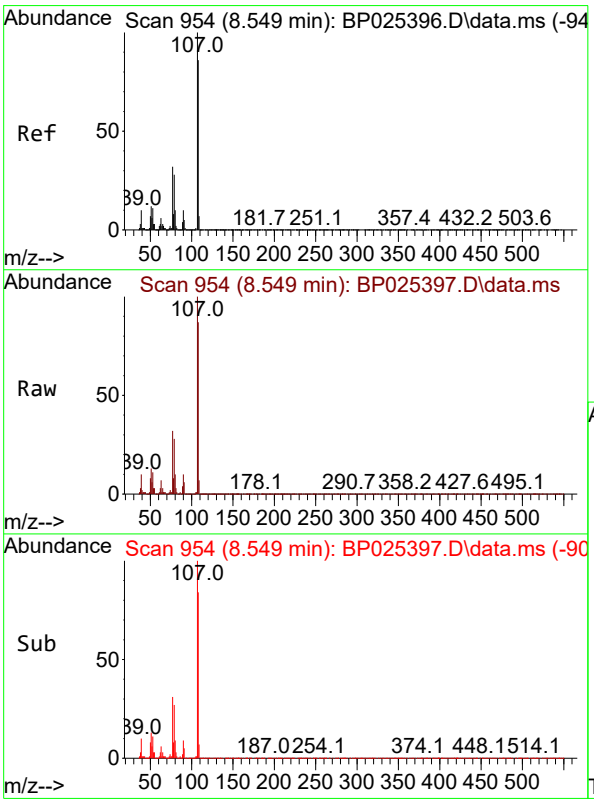
Ion	Ratio	Lower	Upper
70	100		
42	56.4	43.8	65.6
101	10.6	8.5	12.7
130	23.4	19.4	29.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

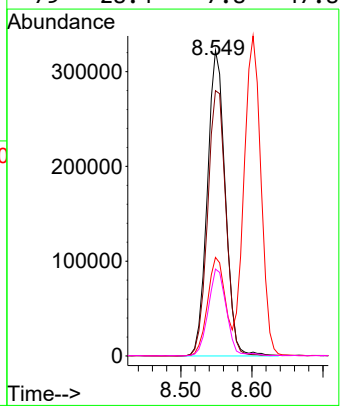
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

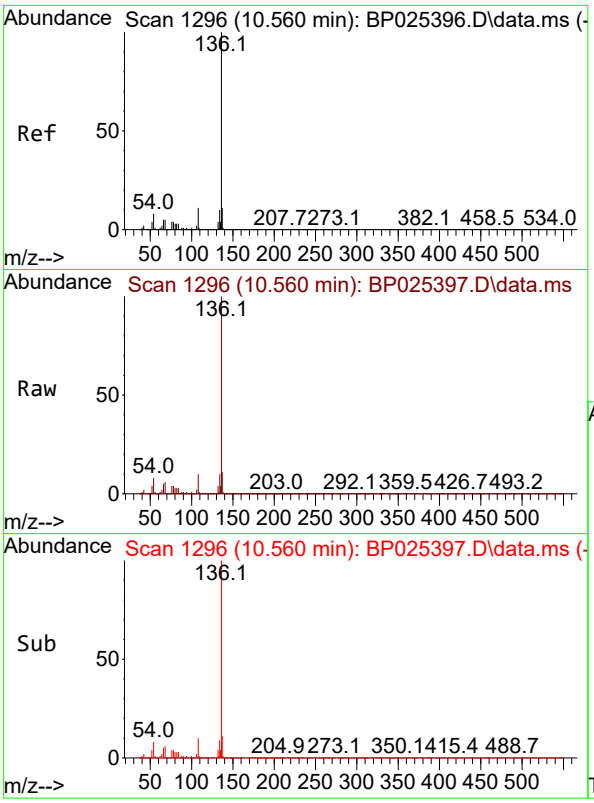


#20
3+4-Methylphenols
Concen: 52.538 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

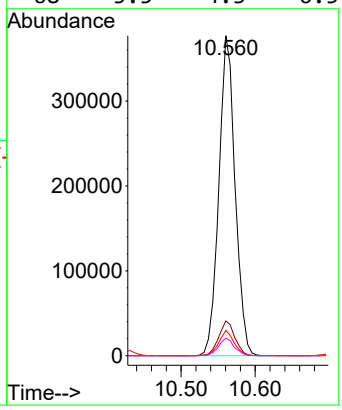




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:136 Resp: 57391

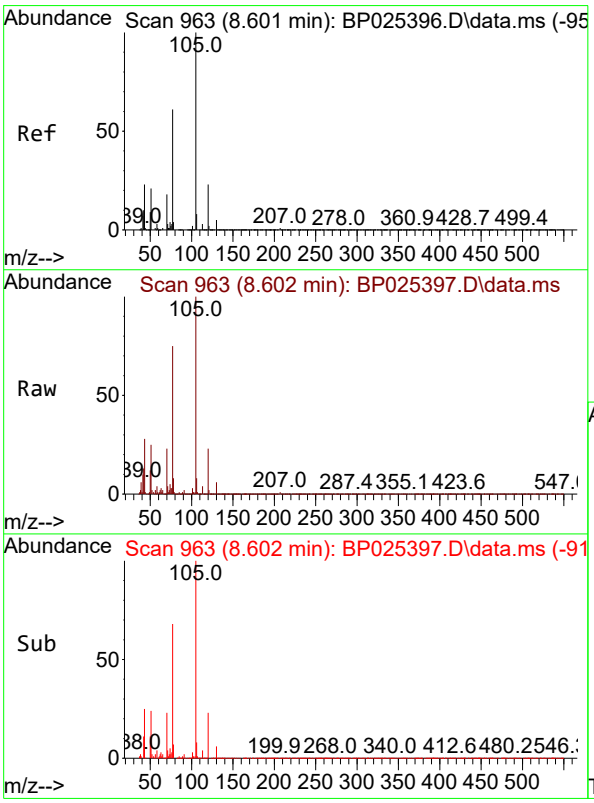
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.9	6.0	9.0
68	5.5	4.3	6.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

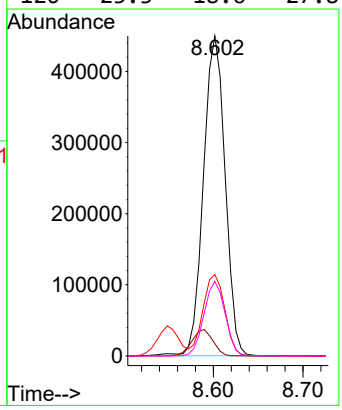
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

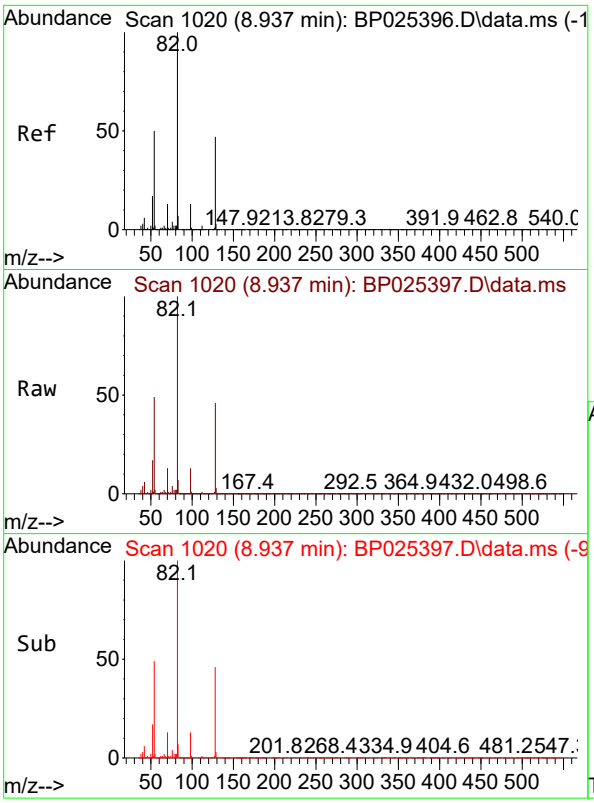


#22
Acetophenone
Concen: 52.131 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

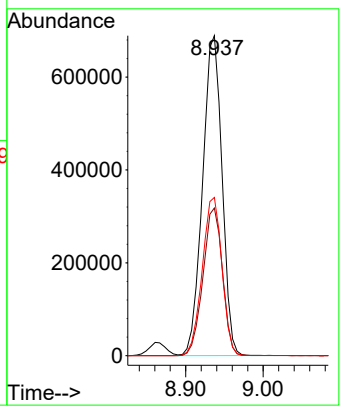




#23
Nitrobenzene-d5
Concen: 105.910 ng
RT: 8.937 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 82 Resp: 120160

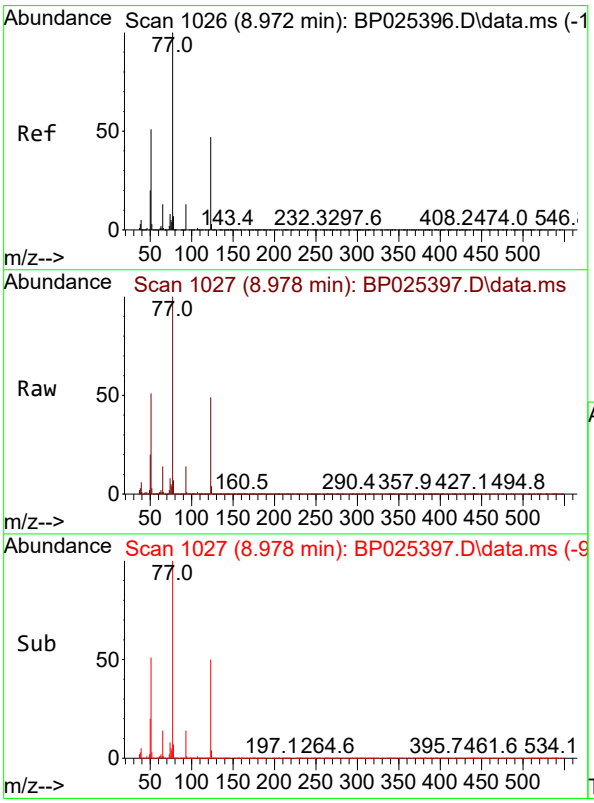
Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.7	56.5
54	49.4	39.8	59.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

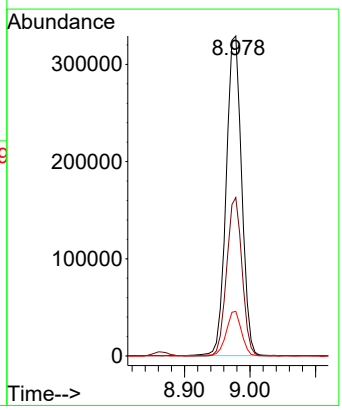
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

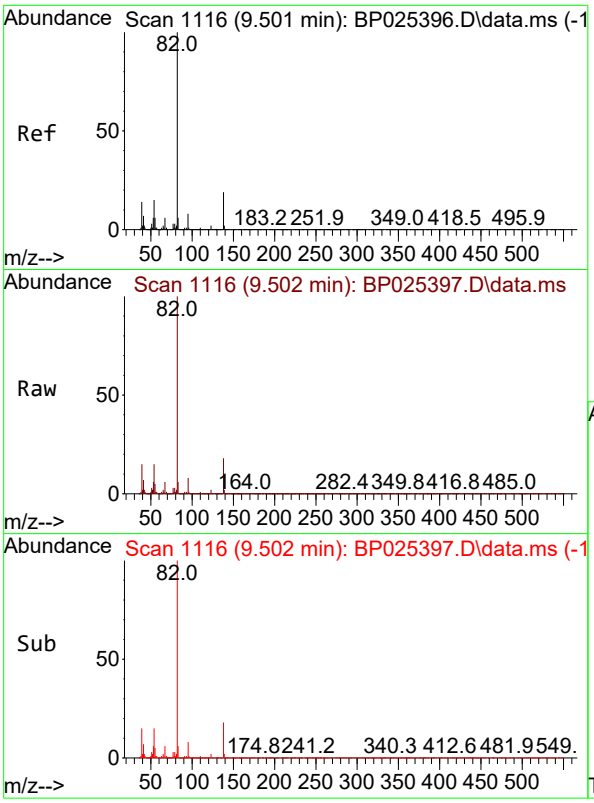


#24
Nitrobenzene
Concen: 53.024 ng
RT: 8.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

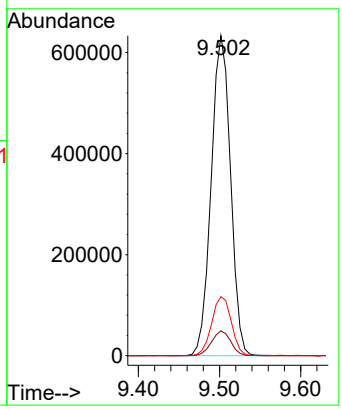




#25
Isophorone
Concen: 52.182 ng
RT: 9.502 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 82 Resp: 104773

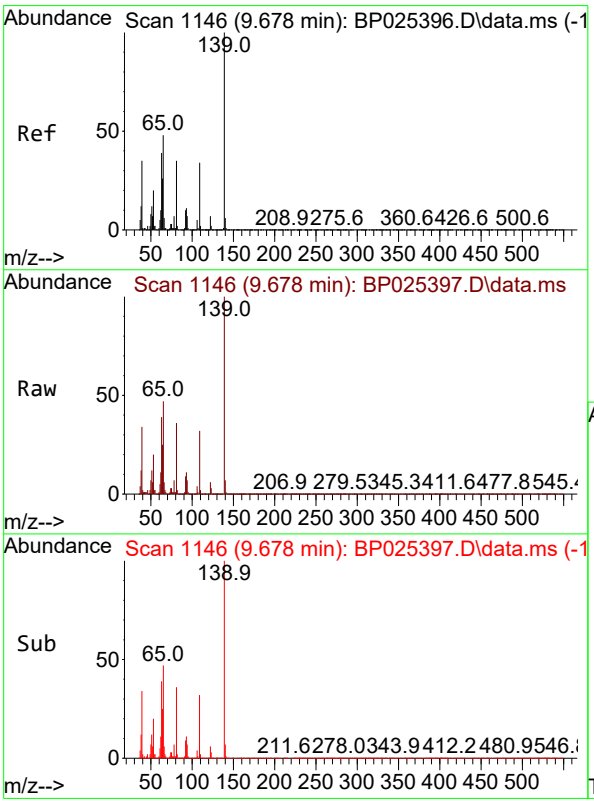
Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.4	9.6
138	18.5	15.4	23.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

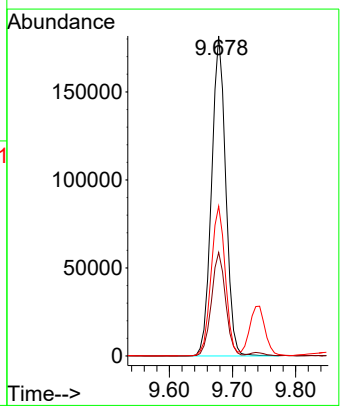
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

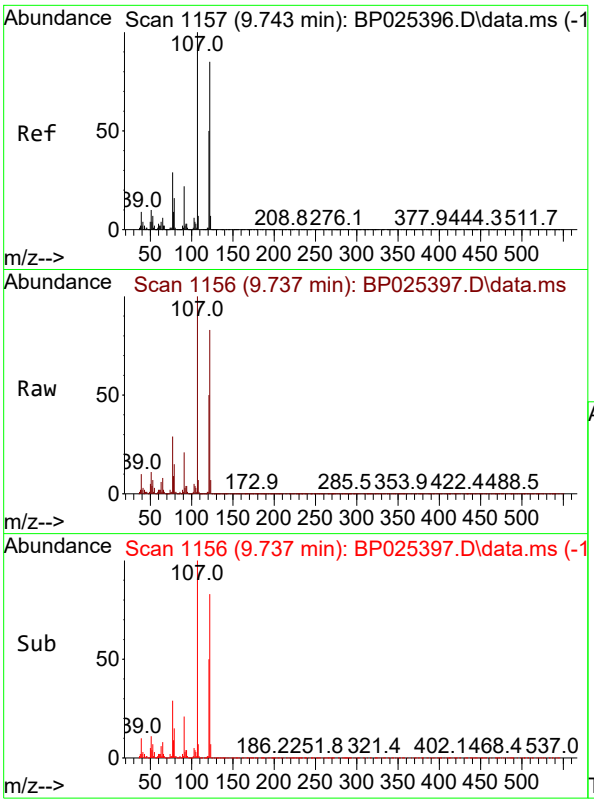


#26
2-Nitrophenol
Concen: 54.323 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

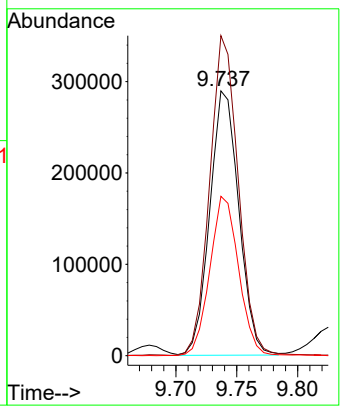




#27
2,4-Dimethylphenol
Concen: 53.806 ng
RT: 9.737 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:122 Resp: 48150

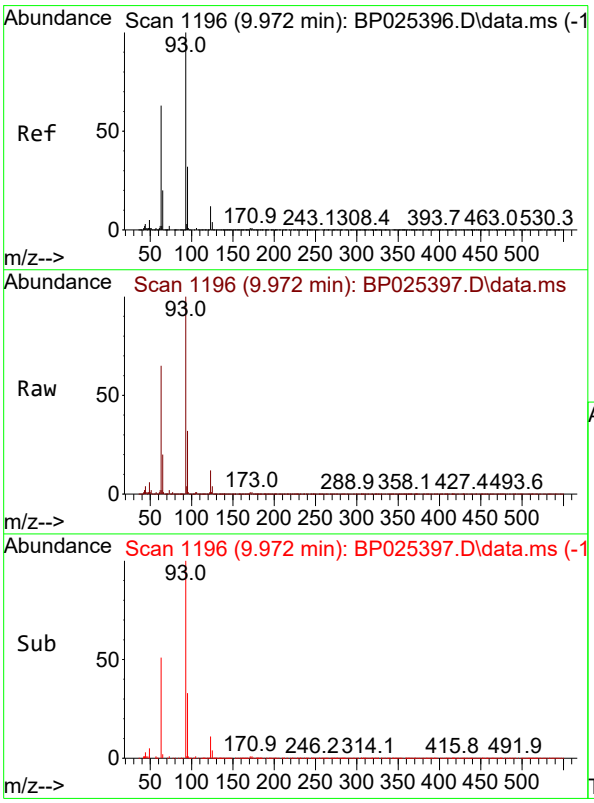
Ion	Ratio	Lower	Upper
122	100		
107	120.8	93.7	140.5
121	60.2	46.6	69.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

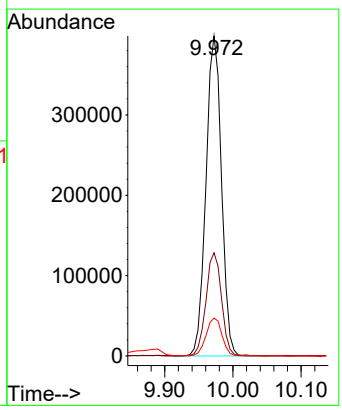
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

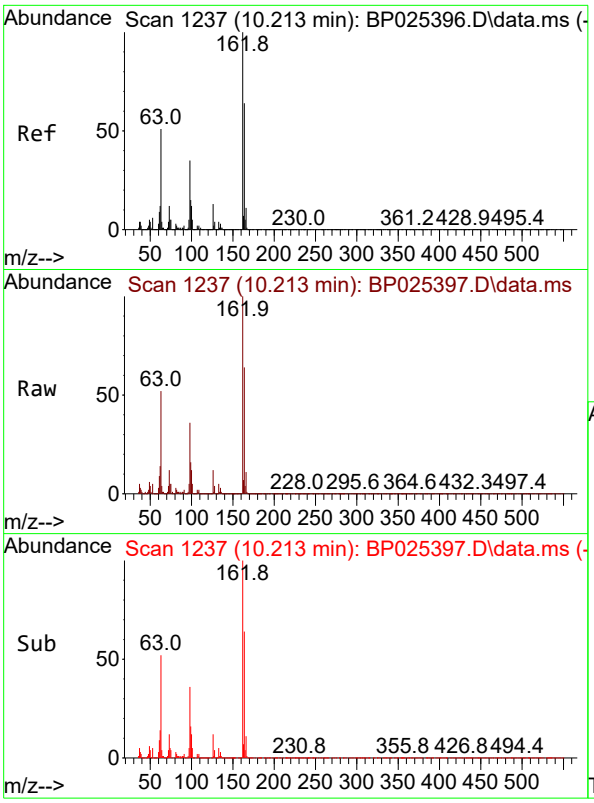


#28
bis(2-Chloroethoxy)methane
Concen: 51.909 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 93 Resp: 630027

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.4	38.0
123	11.8	9.4	14.0

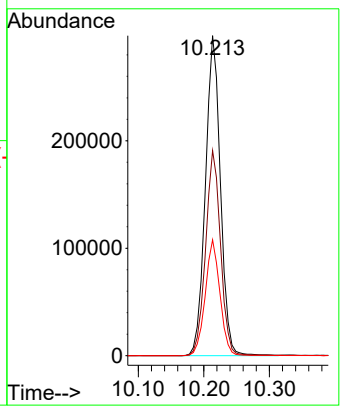




#29
2,4-Dichlorophenol
Concen: 53.478 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:162 Resp: 47540

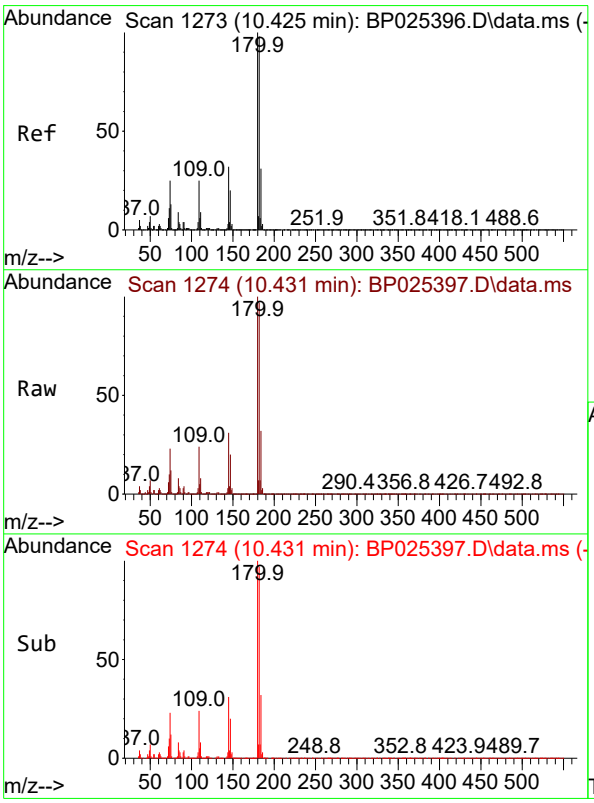
Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.4	84.4
98	36.2	14.9	54.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

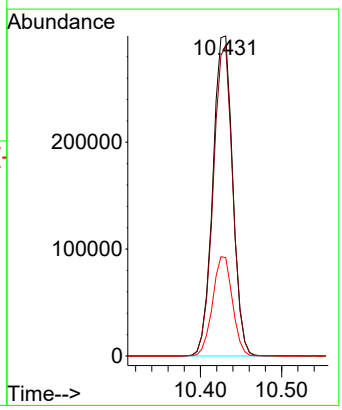
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

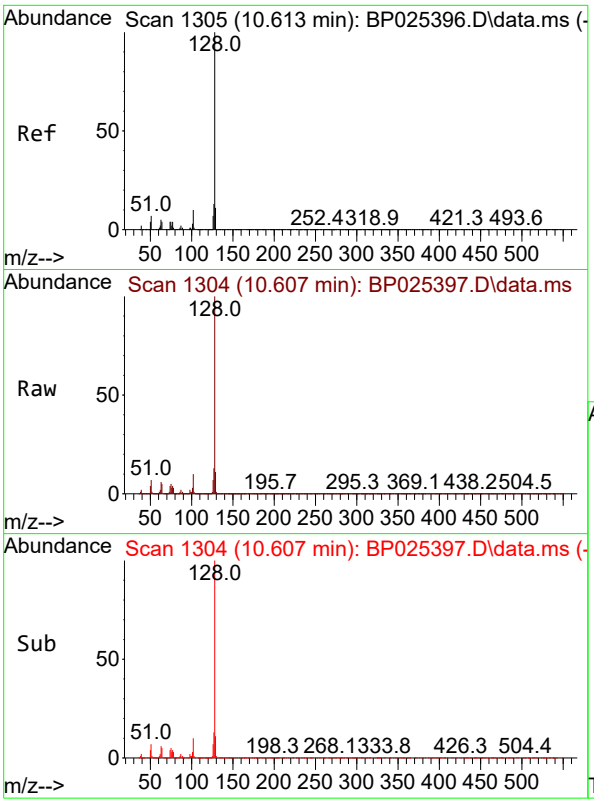


#30
1,2,4-Trichlorobenzene
Concen: 52.101 ng
RT: 10.431 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

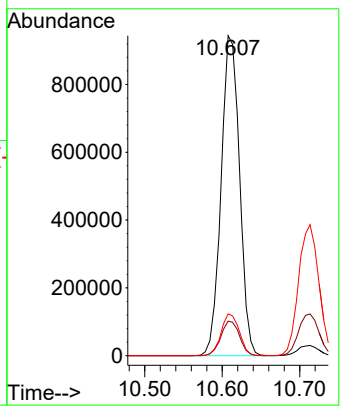




#31
Naphthalene
Concen: 52.305 ng
RT: 10.607 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:128 Resp: 156024

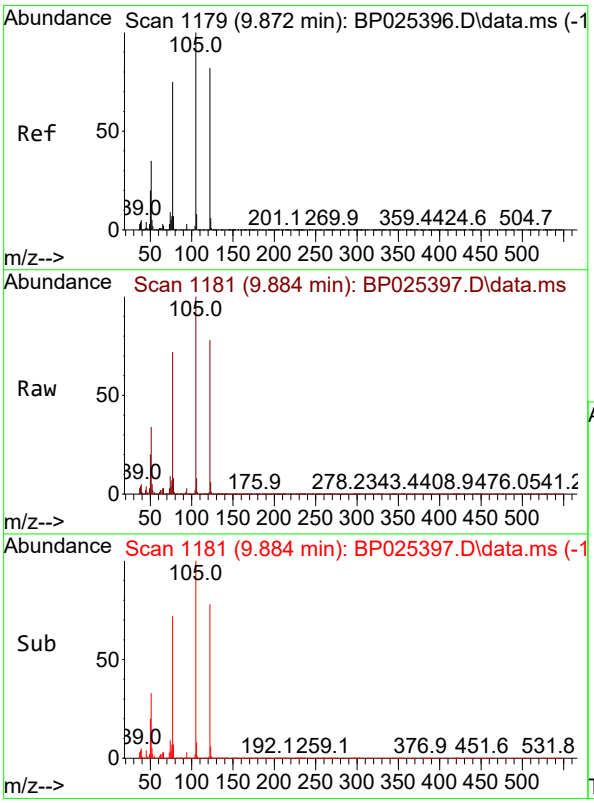
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.1	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

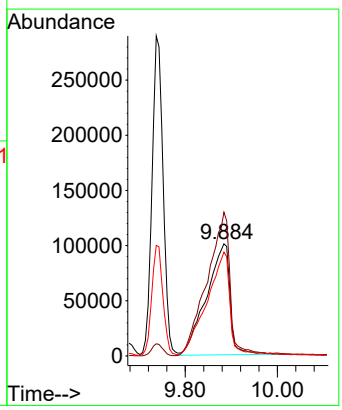
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

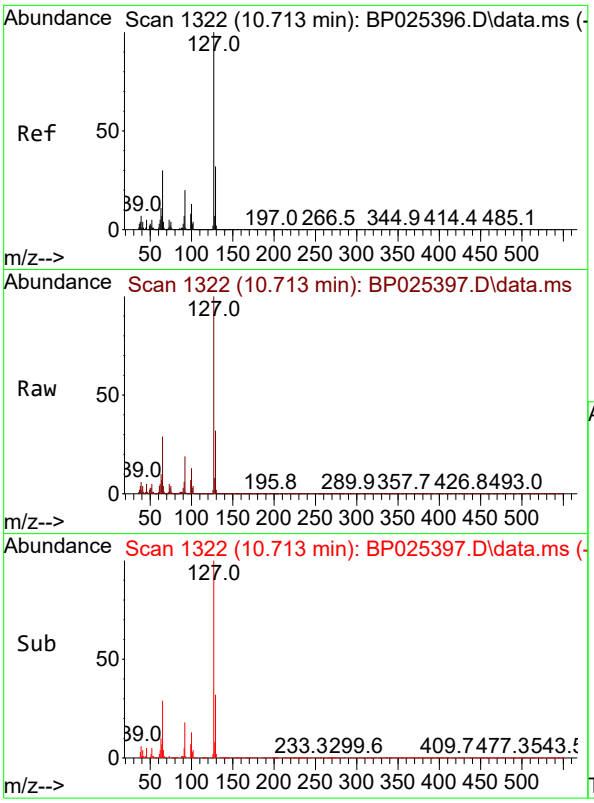


#32
Benzoic acid
Concen: 54.274 ng
RT: 9.884 min Scan# 1181
Delta R.T. 0.012 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:122 Resp: 357706

Ion	Ratio	Lower	Upper
122	100		
105	128.1	100.6	140.6
77	92.6	71.5	111.5





#33
4-Chloroaniline
Concen: 53.548 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

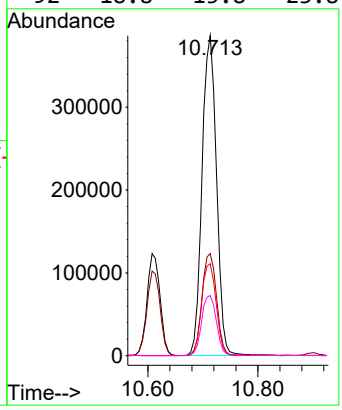
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

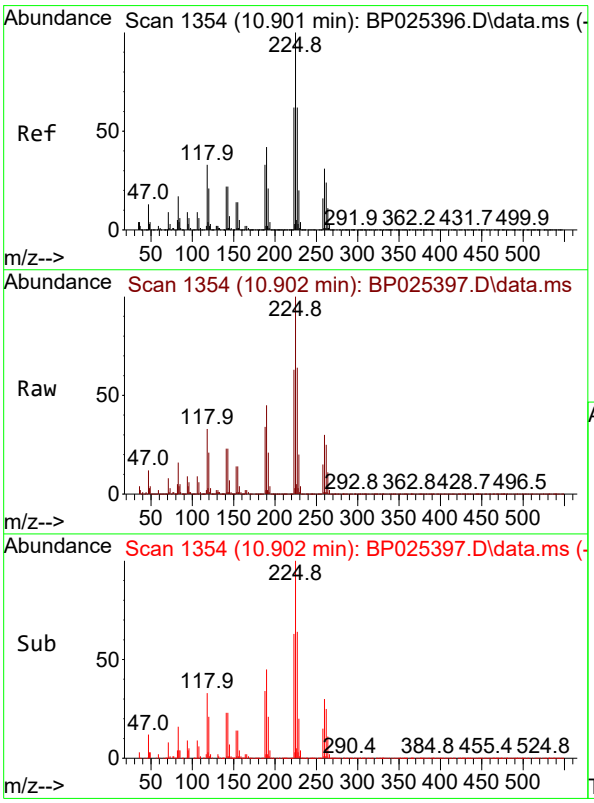
Tgt Ion:127 Resp: 70556

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.4	38.2
65	28.7	23.8	35.6
92	18.8	15.8	23.8

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

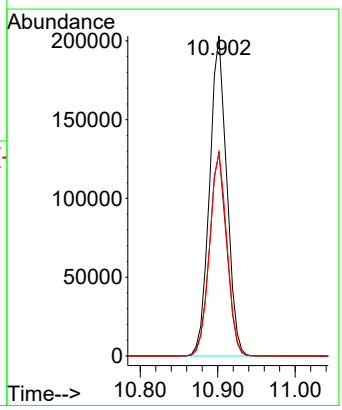


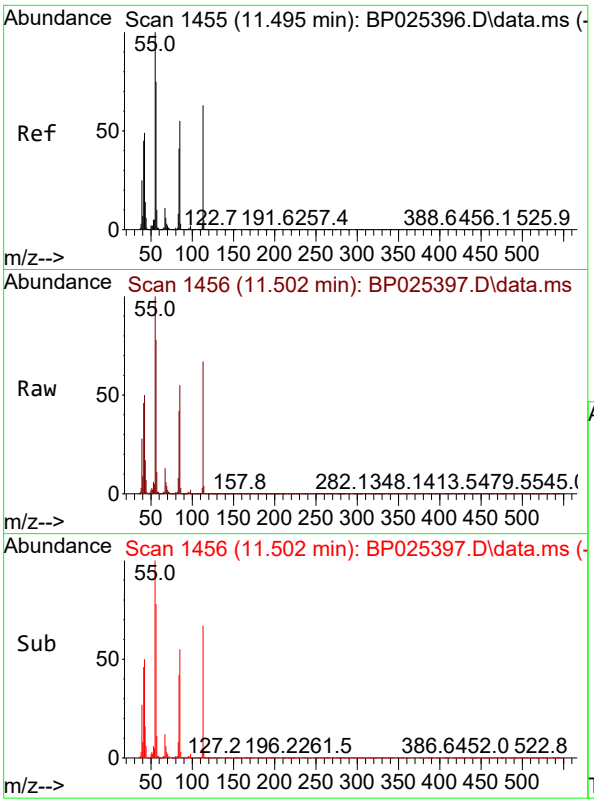


#34
Hexachlorobutadiene
Concen: 51.436 ng
RT: 10.902 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:225 Resp: 312163

Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.0	75.0
227	63.7	49.7	74.5





#35
Caprolactam
Concen: 52.969 ng
RT: 11.502 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

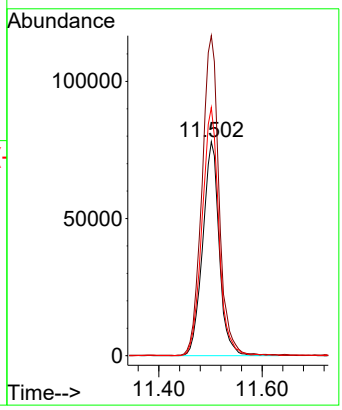
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

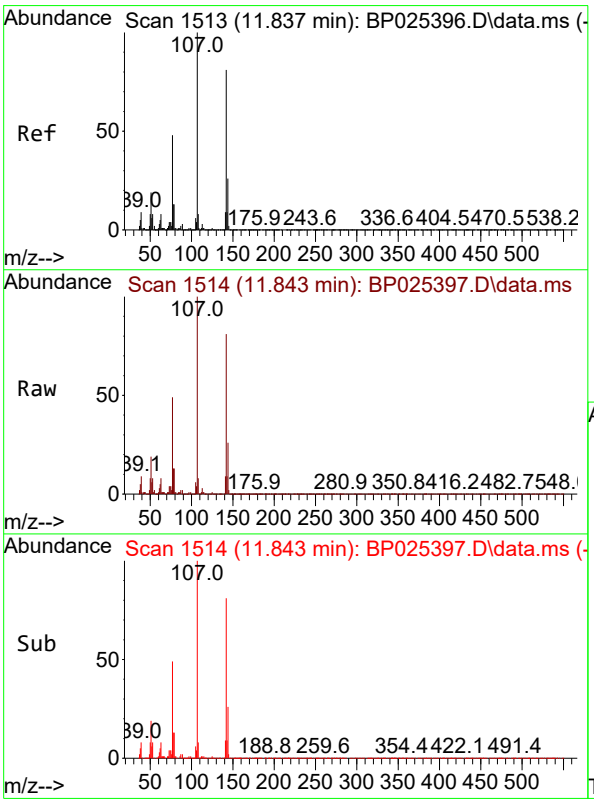
Tgt Ion:113 Resp: 17266

Ion	Ratio	Lower	Upper
113	100		
55	149.6	140.0	180.0
56	116.0	100.0	140.0

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

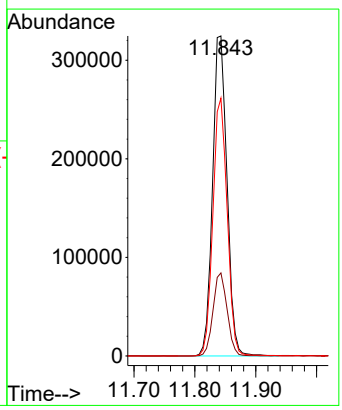


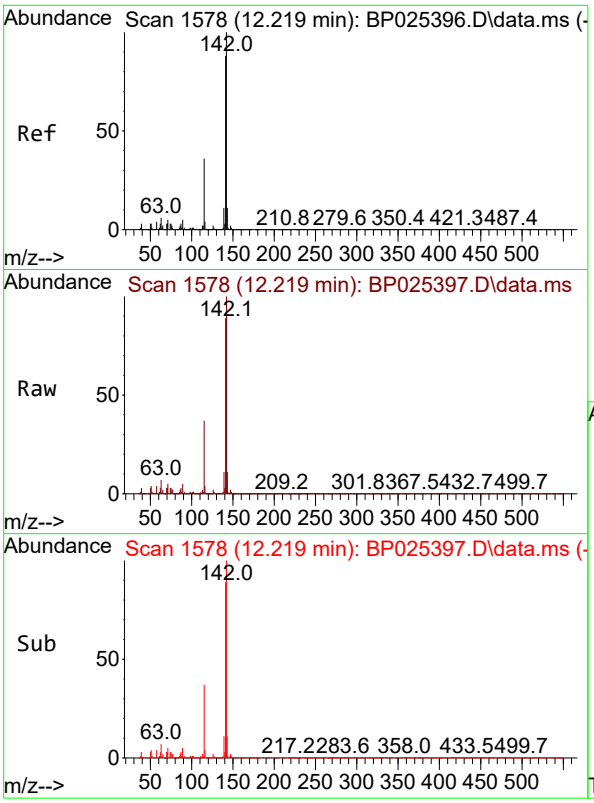


#36
4-Chloro-3-methylphenol
Concen: 52.407 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:107 Resp: 534583

Ion	Ratio	Lower	Upper
107	100		
144	26.0	21.0	31.4
142	80.6	64.6	97.0

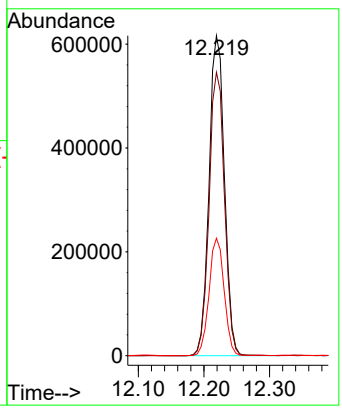




#37
2-Methylnaphthalene
Concen: 51.710 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:142 Resp: 100381

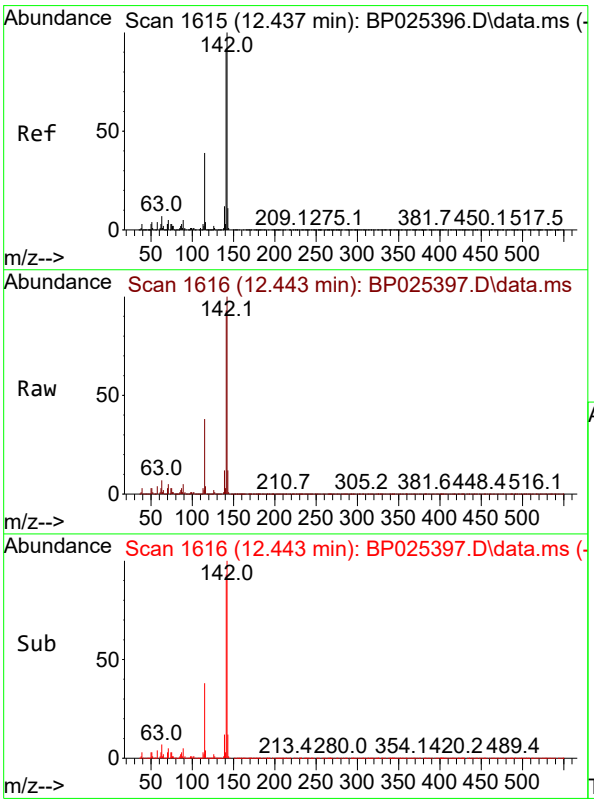
Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.3	105.5
115	36.7	28.9	43.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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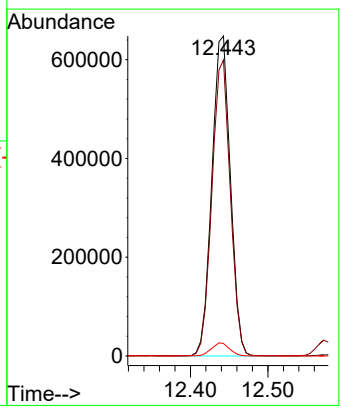
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

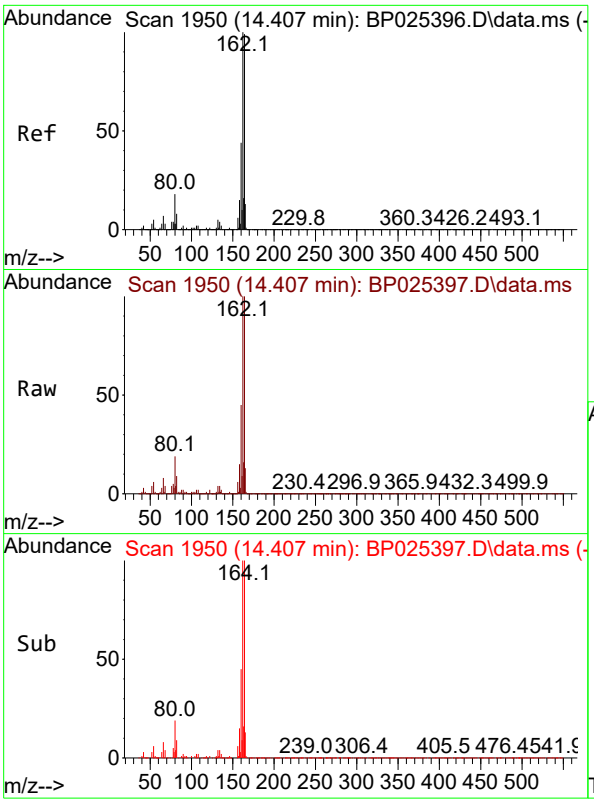


#38
1-Methylnaphthalene
Concen: 52.167 ng
RT: 12.443 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:142 Resp: 1076949

Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.1	109.7
116	3.9	3.2	4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

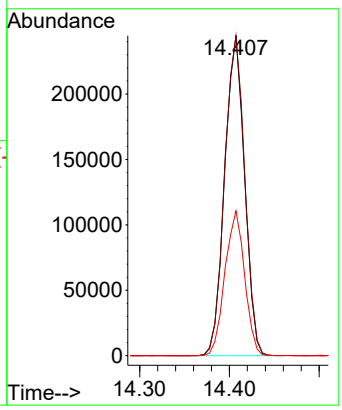
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

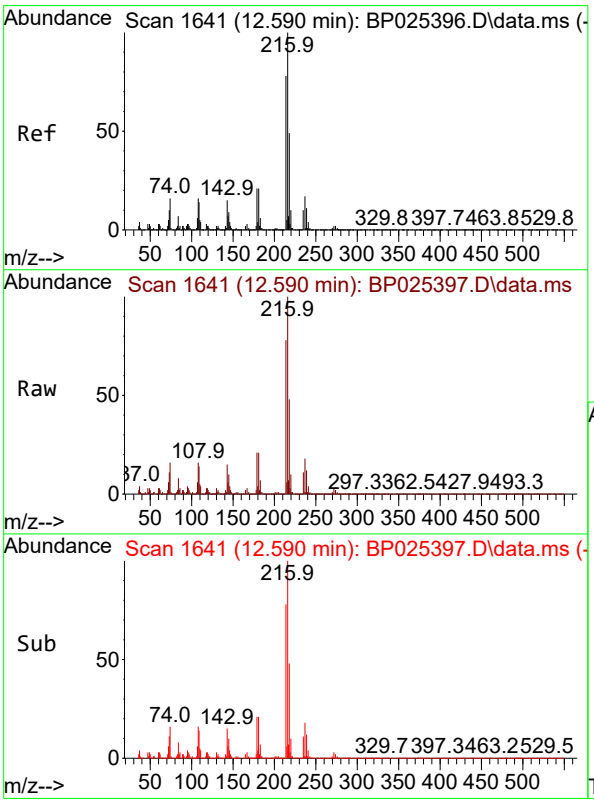
Tgt Ion:164 Resp: 37673

Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.0	121.6
160	45.2	35.4	53.2

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

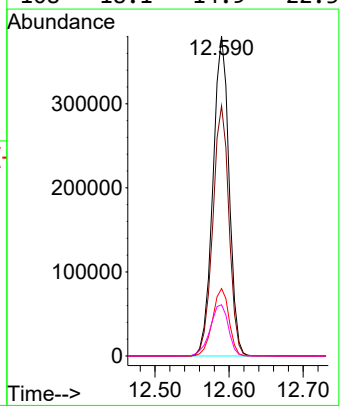


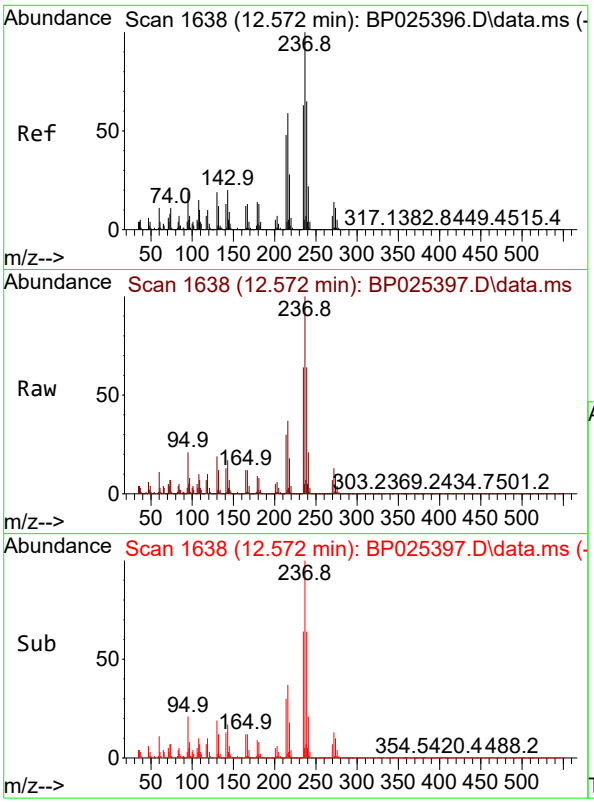


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.769 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:216 Resp: 574152

Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.0	94.4
179	21.5	17.1	25.7
108	18.1	14.9	22.3





#41
Hexachlorocyclopentadiene
Concen: 55.392 ng
RT: 12.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

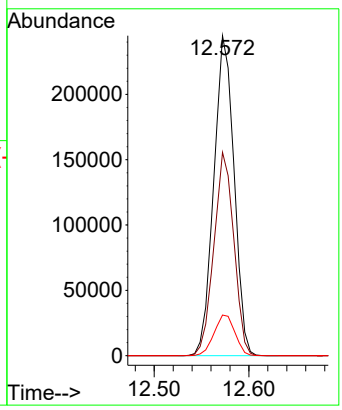
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

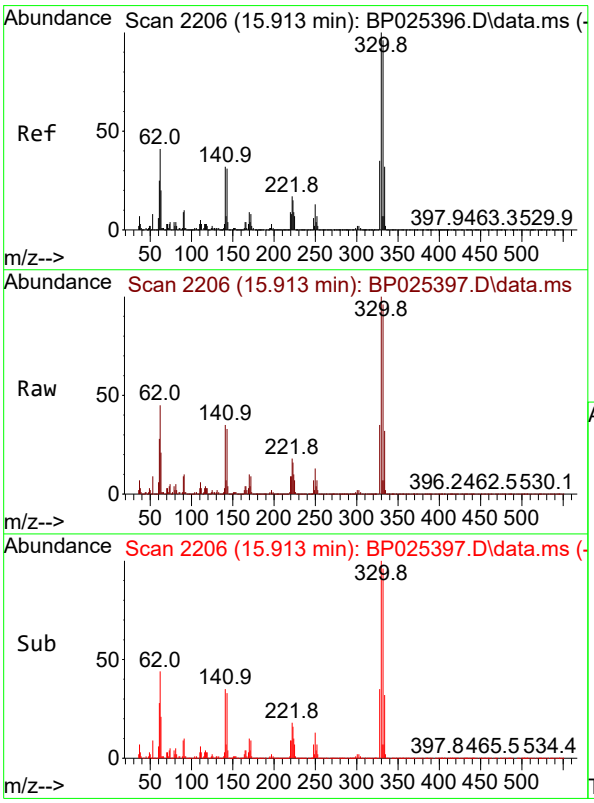
Tgt Ion:237 Resp: 36404

Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.7	82.7
272	12.7	0.0	34.0

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

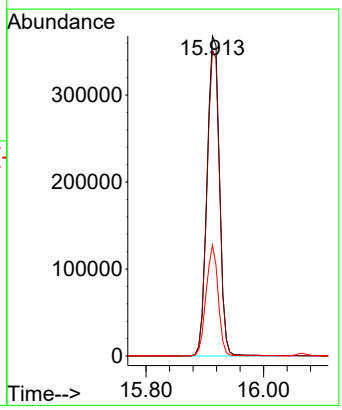


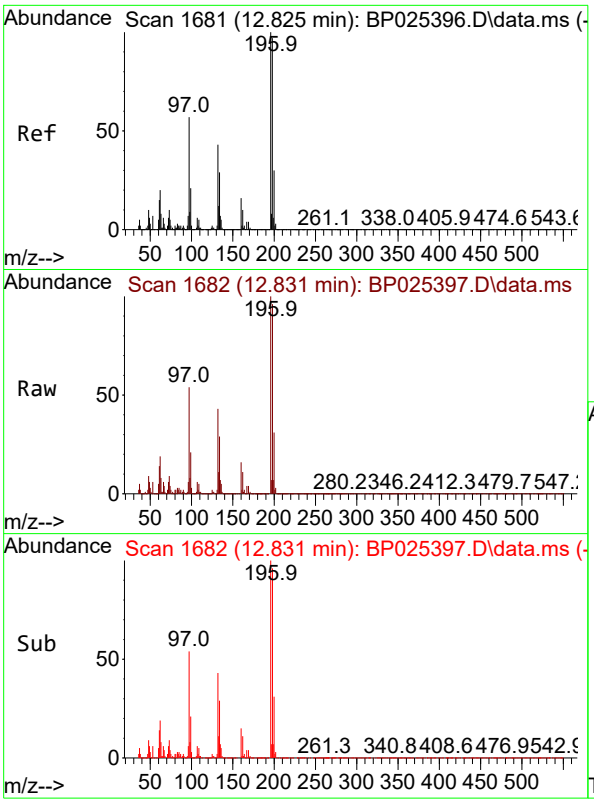


#42
2,4,6-Tribromophenol
Concen: 106.352 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:330 Resp: 539295

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	33.5	26.6	39.8

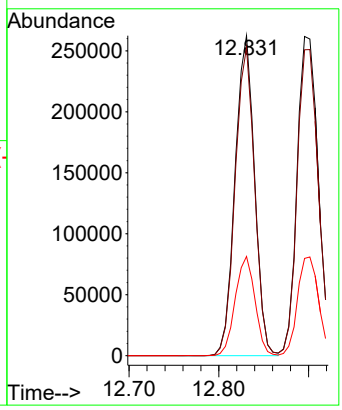




#43
2,4,6-Trichlorophenol
Concen: 53.971 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:196 Resp: 39644

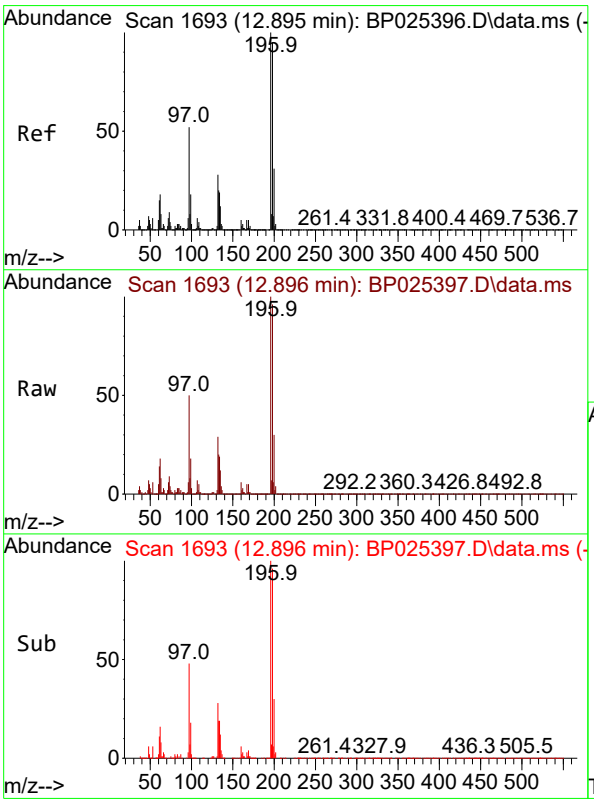
Ion	Ratio	Lower	Upper
196	100		
198	96.3	77.2	115.8
200	31.0	23.9	35.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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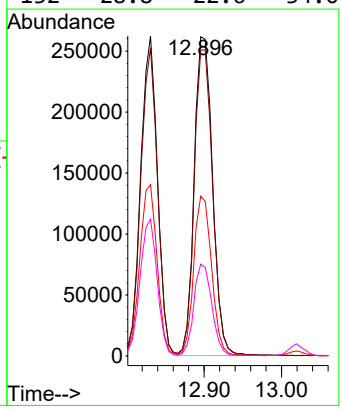
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

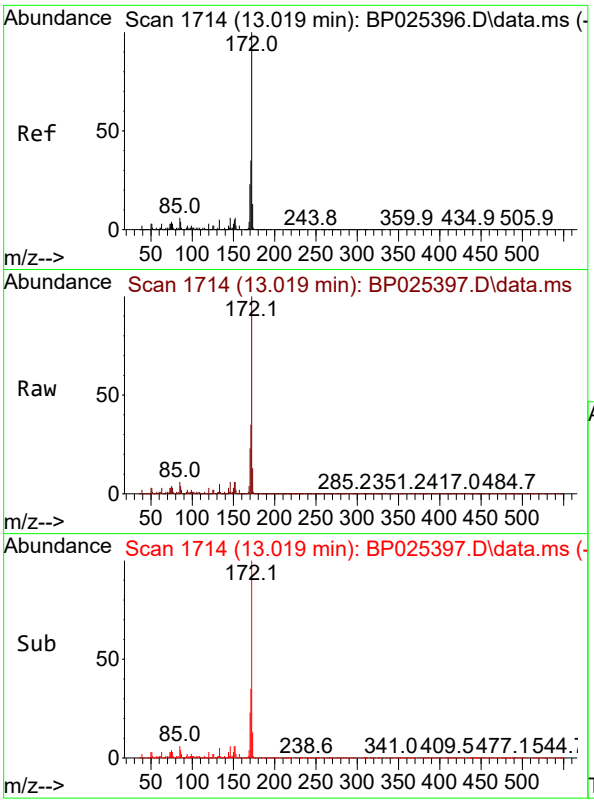


#44
2,4,5-Trichlorophenol
Concen: 53.421 ng
RT: 12.896 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:196 Resp: 430061

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.2	114.2
97	50.1	41.2	61.8
132	28.8	22.6	34.0

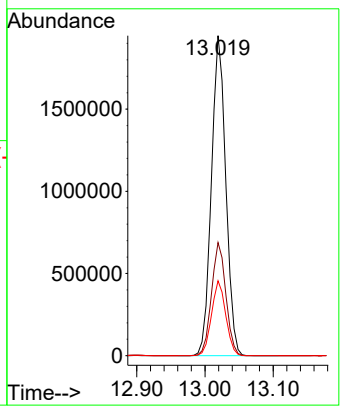




#45
2-Fluorobiphenyl
Concen: 103.632 ng
RT: 13.019 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:172 Resp: 285663

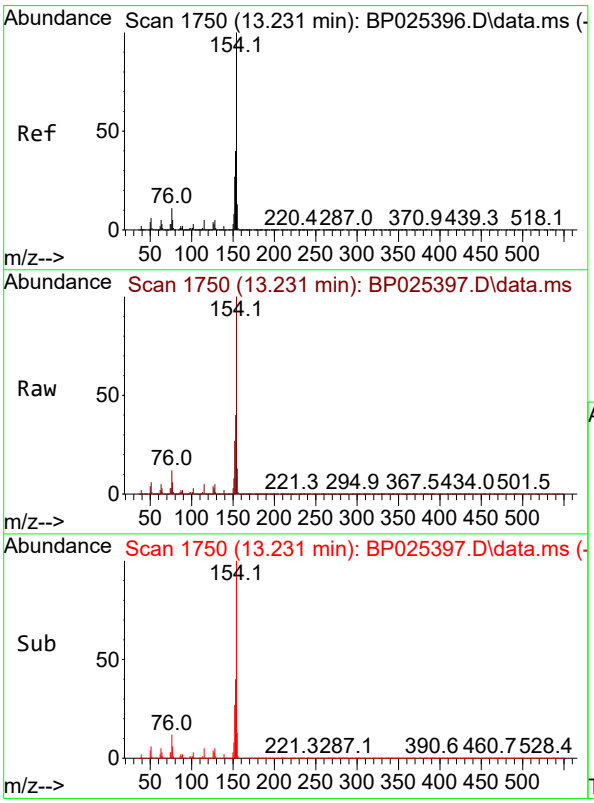
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.1	42.1
170	23.4	18.6	28.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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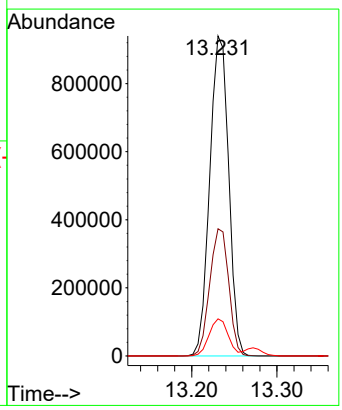
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

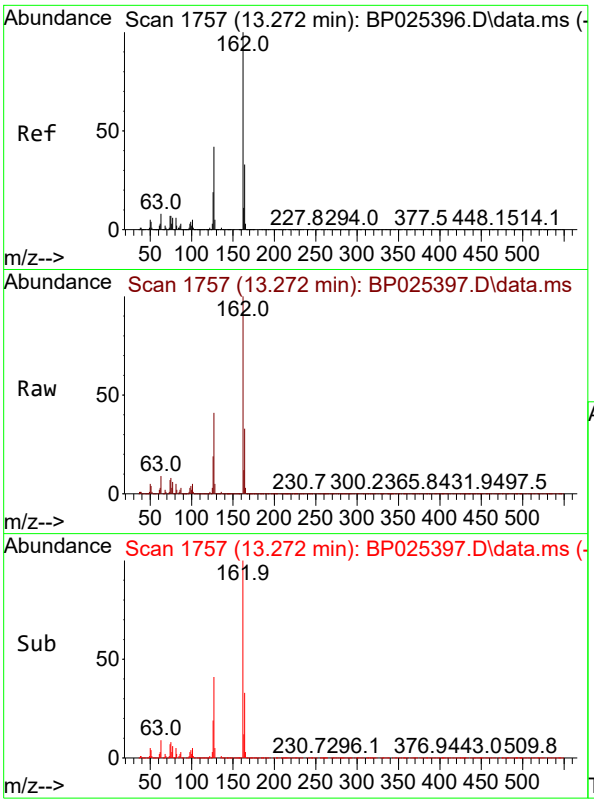


#46
1,1'-Biphenyl
Concen: 52.922 ng
RT: 13.231 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:154 Resp: 1447968

Ion	Ratio	Lower	Upper
154	100		
153	39.8	19.5	59.5
76	11.6	0.0	31.1

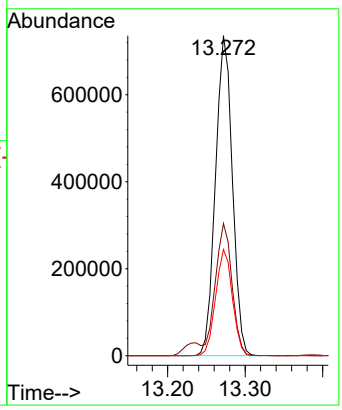




#47
2-Chloronaphthalene
Concen: 52.344 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:162 Resp: 111492

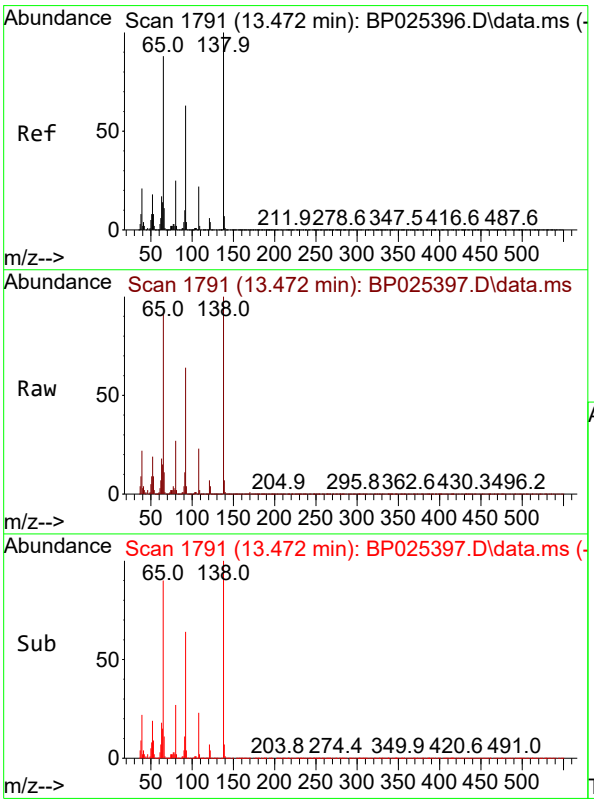
Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.4	50.2
164	33.2	26.2	39.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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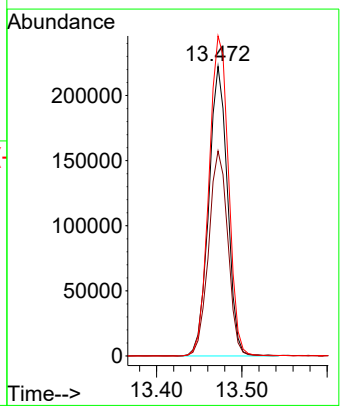
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

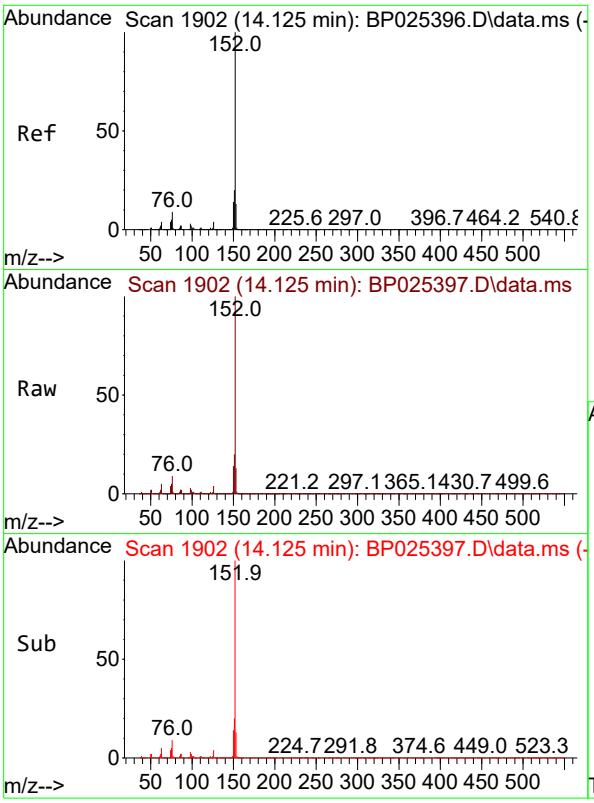


#48
2-Nitroaniline
Concen: 54.613 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 65 Resp: 338939

Ion	Ratio	Lower	Upper
65	100		
92	70.7	57.6	86.4
138	110.5	91.0	136.6

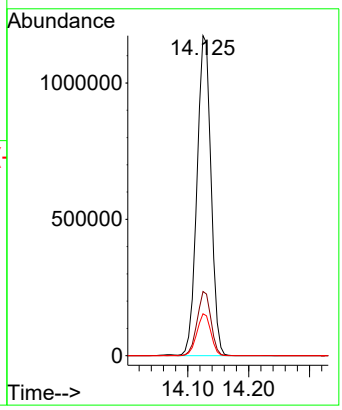




#49
Acenaphthylene
Concen: 53.227 ng
RT: 14.125 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:152 Resp: 187599

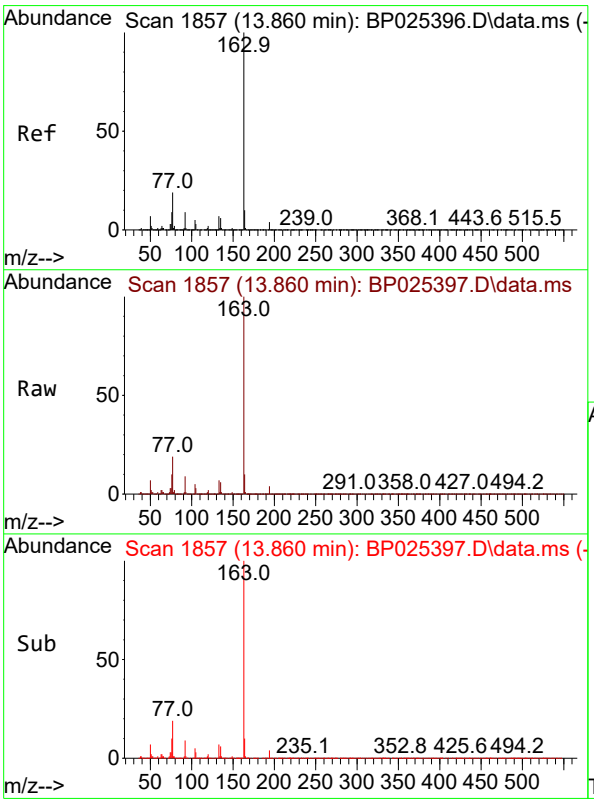
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	13.1	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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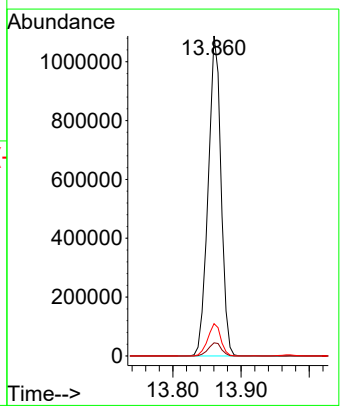
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

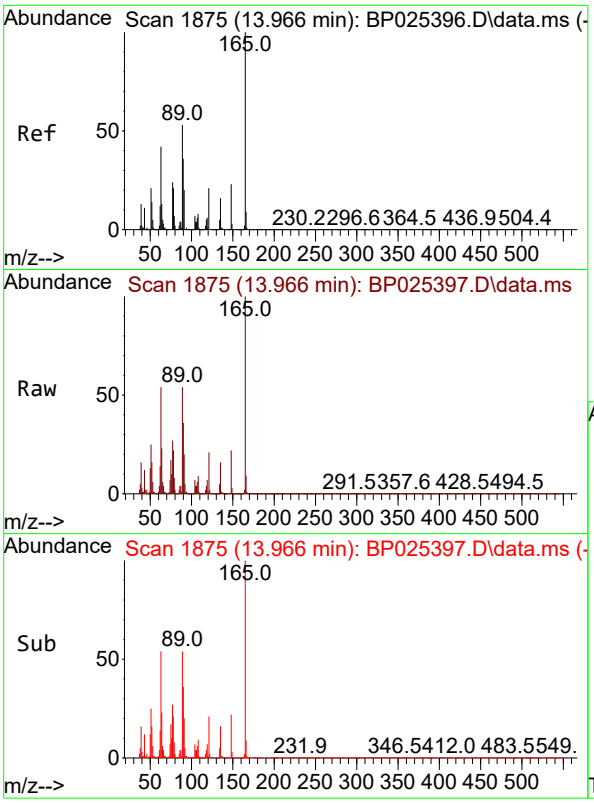


#50
Dimethylphthalate
Concen: 51.622 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

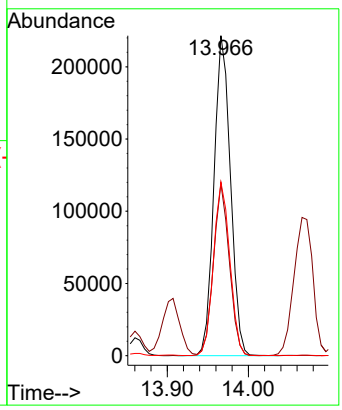




#51
2,6-Dinitrotoluene
Concen: 53.683 ng
RT: 13.966 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:165 Resp: 31214

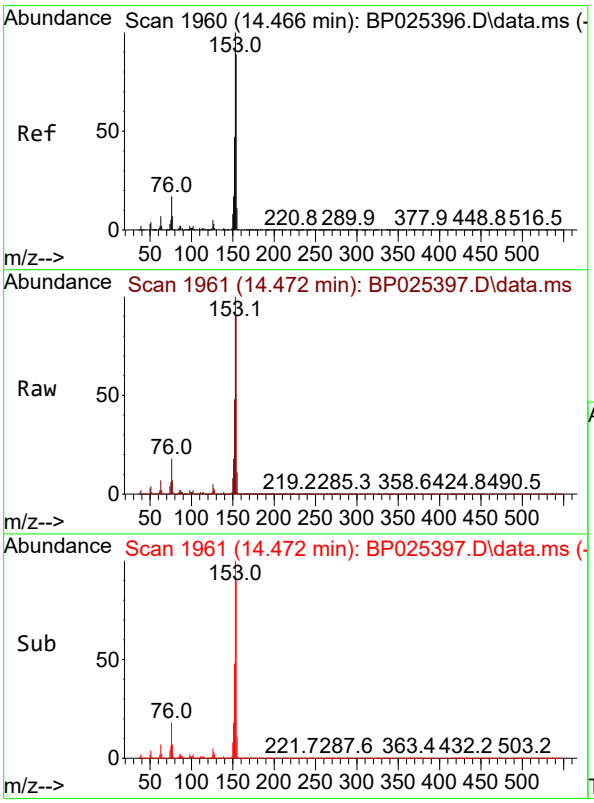
Ion	Ratio	Lower	Upper
165	100		
63	53.8	40.9	61.3
89	54.2	42.1	63.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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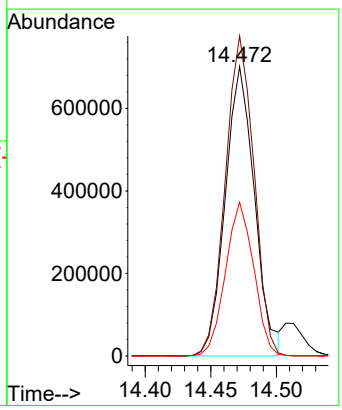
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

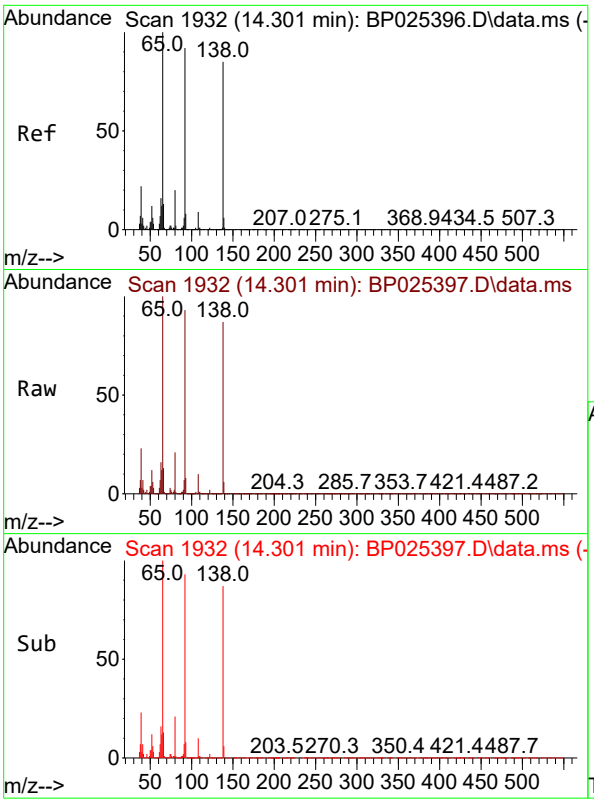


#52
Acenaphthene
Concen: 52.577 ng
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

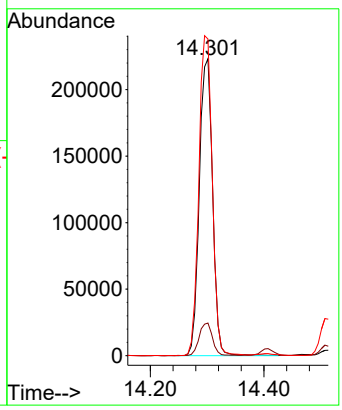
Tgt Ion:138 Resp: 36203

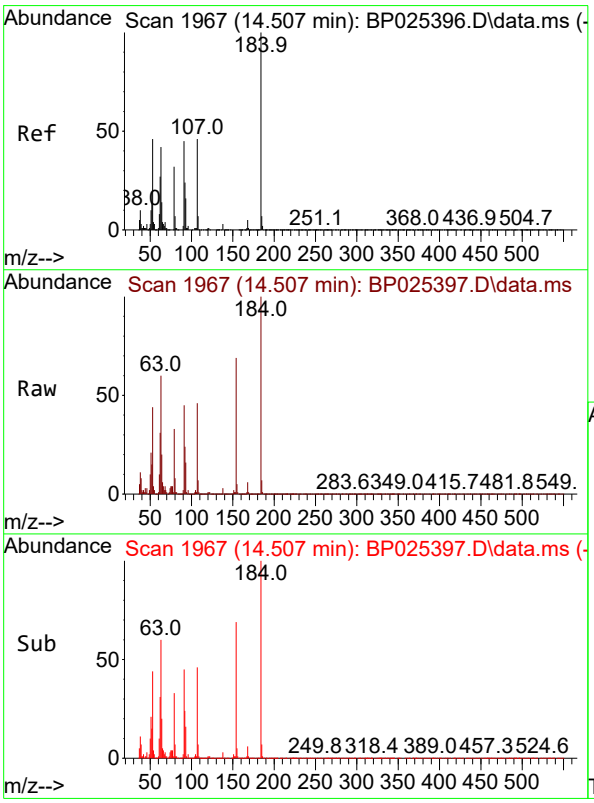
Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.3	12.5
92	106.6	86.2	129.2

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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

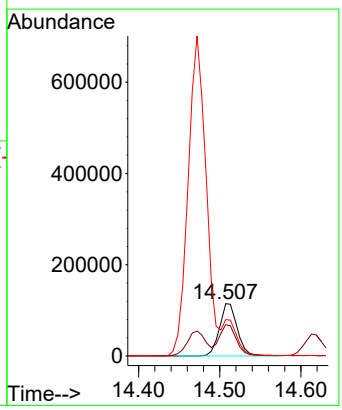


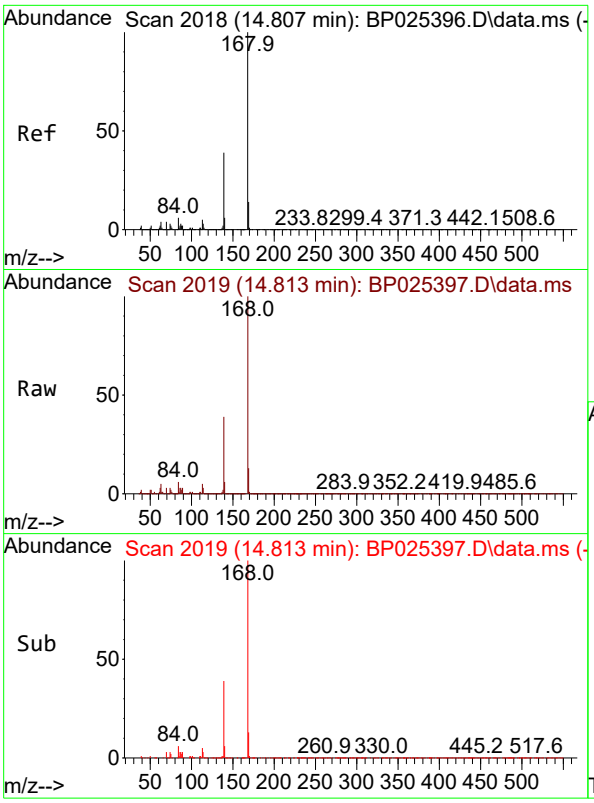


#54
2,4-Dinitrophenol
Concen: 56.503 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:184 Resp: 175453

Ion	Ratio	Lower	Upper
184	100		
63	59.7	49.4	74.2
154	69.4	54.6	82.0

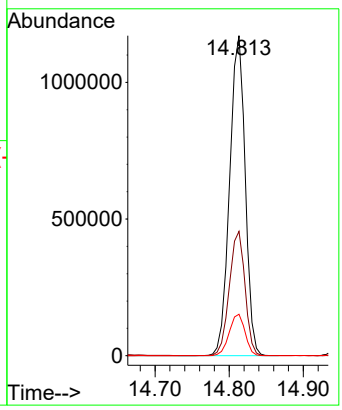




#55
Dibenzofuran
Concen: 52.147 ng
RT: 14.813 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:168 Resp: 170563

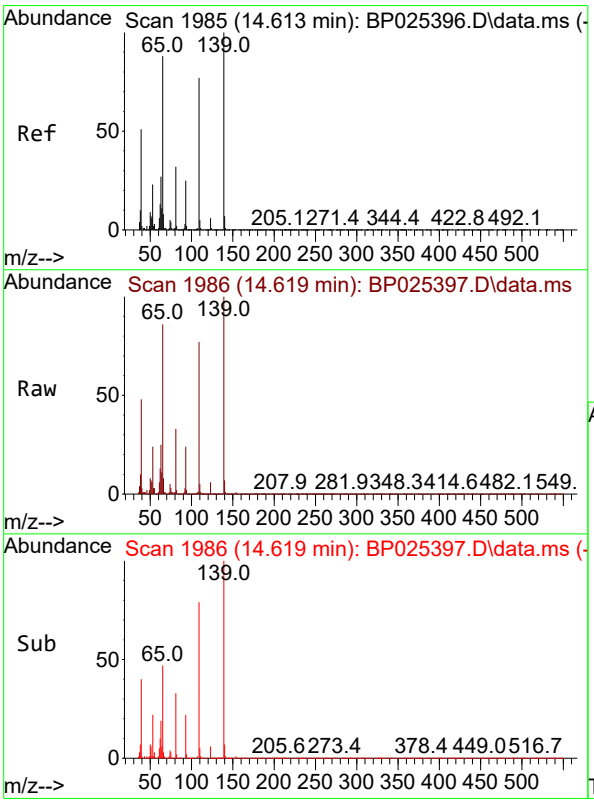
Ion	Ratio	Lower	Upper
168	100		
139	38.9	31.5	47.3
169	13.0	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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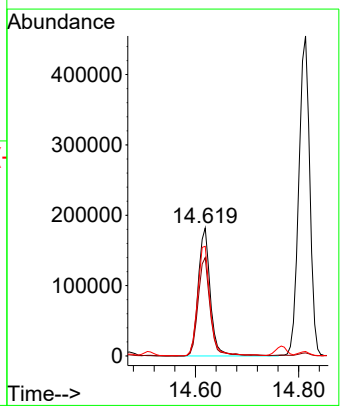
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

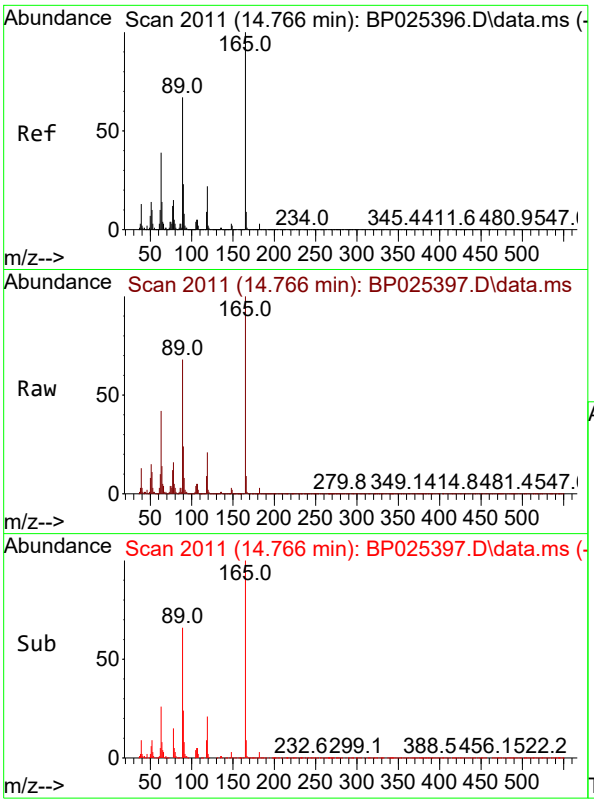


#56
4-Nitrophenol
Concen: 55.103 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:139 Resp: 296227

Ion	Ratio	Lower	Upper
139	100		
109	76.8	56.6	96.6
65	85.5	68.2	108.2

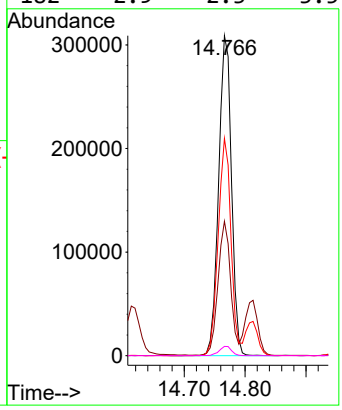




#57
2,4-Dinitrotoluene
Concen: 54.354 ng
RT: 14.766 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:165 Resp: 45092

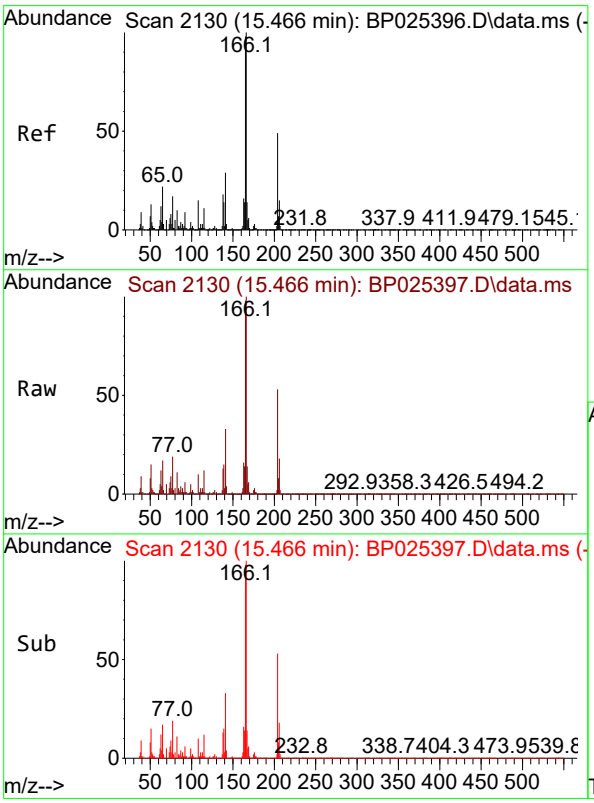
Ion	Ratio	Lower	Upper
165	100		
63	42.0	31.4	47.2
89	67.9	53.3	79.9
182	2.9	2.3	3.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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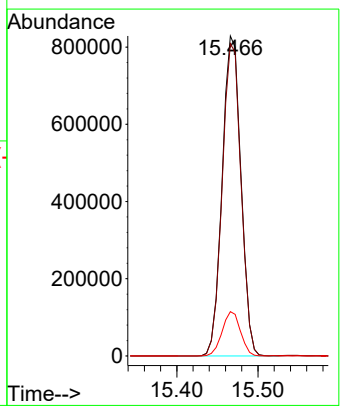
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

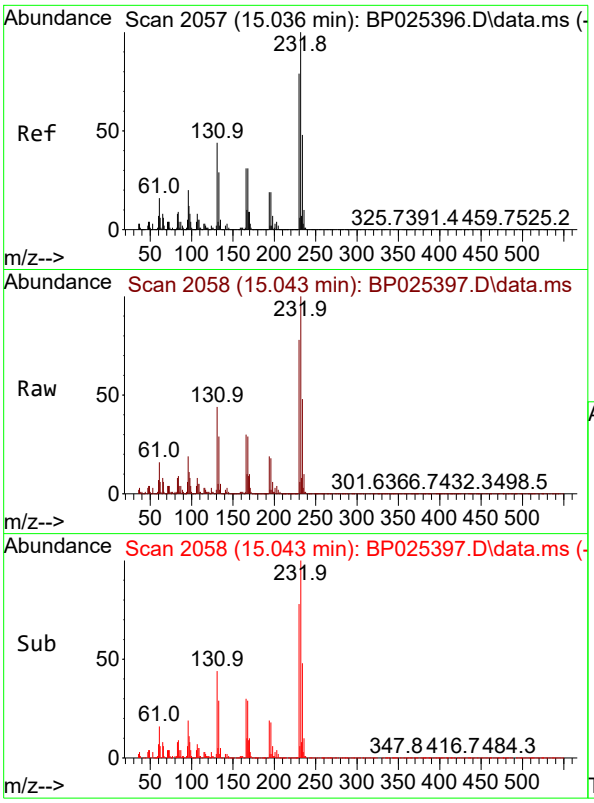


#58
Fluorene
Concen: 51.627 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:166 Resp: 1332448

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.8	118.2
167	13.9	11.0	16.4

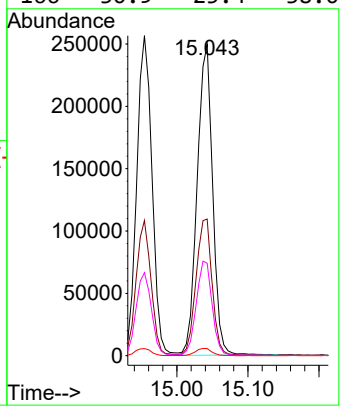




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.281 ng
RT: 15.043 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:232 Resp: 37874

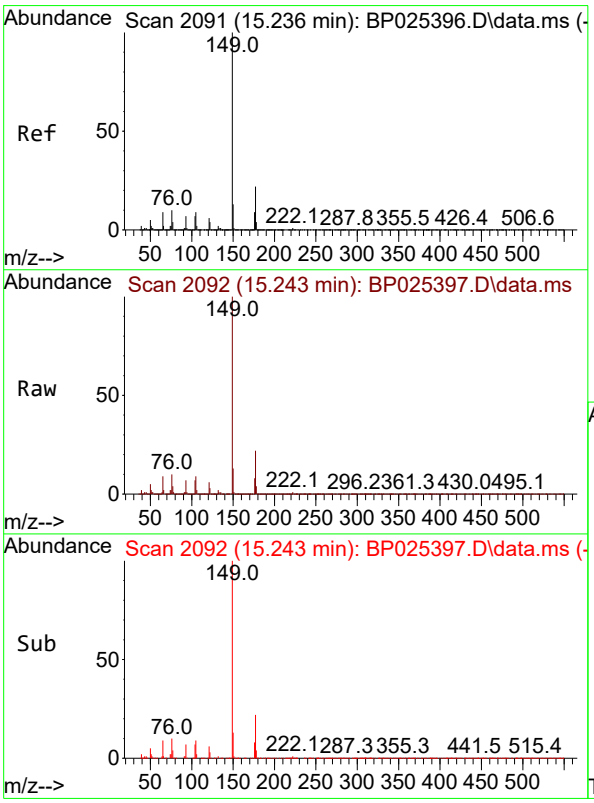
Ion	Ratio	Lower	Upper
232	100		
131	46.0	37.0	55.6
130	2.5	1.9	2.9
166	30.9	25.4	38.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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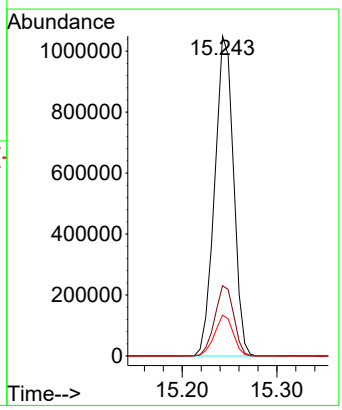
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

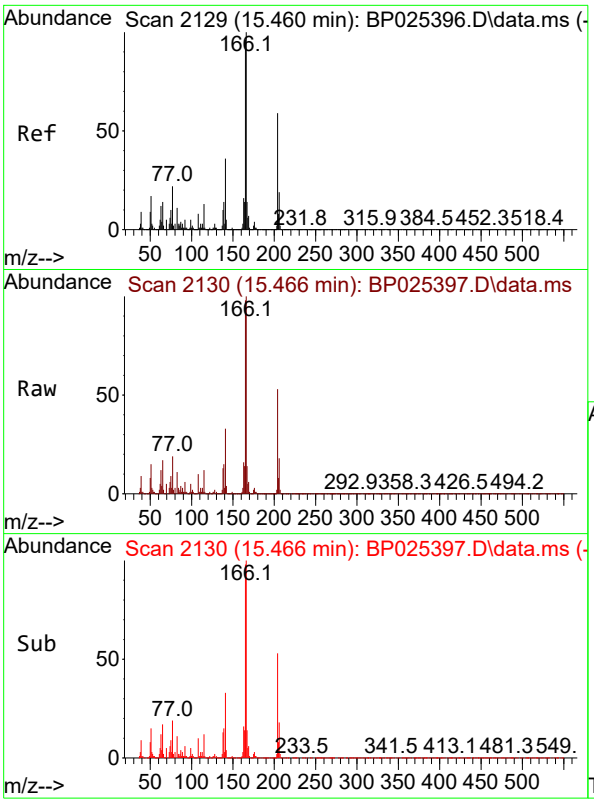


#60
Diethylphthalate
Concen: 51.728 ng
RT: 15.243 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:149 Resp: 1450033

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.3	25.9
150	12.8	10.3	15.5





#61
4-Chlorophenyl-phenylether
Concen: 50.647 ng
RT: 15.466 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

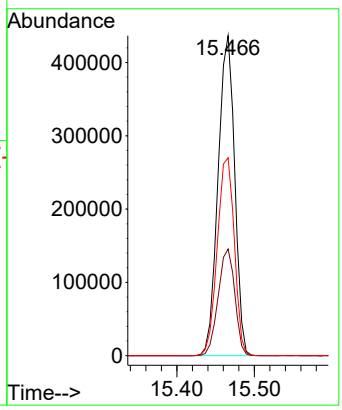
Tgt Ion:204 Resp: 65010

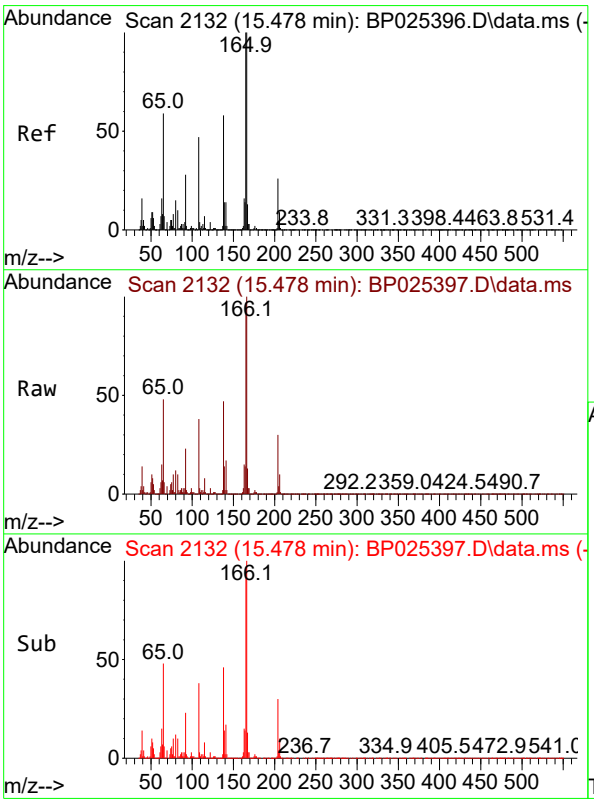
Ion	Ratio	Lower	Upper
204	100		
206	33.4	25.8	38.8
141	61.8	49.4	74.2

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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Reviewed By :Rahul Chavli 08/15/2025
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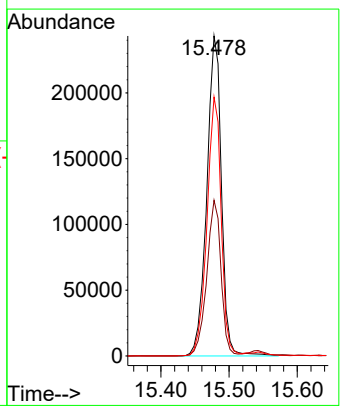


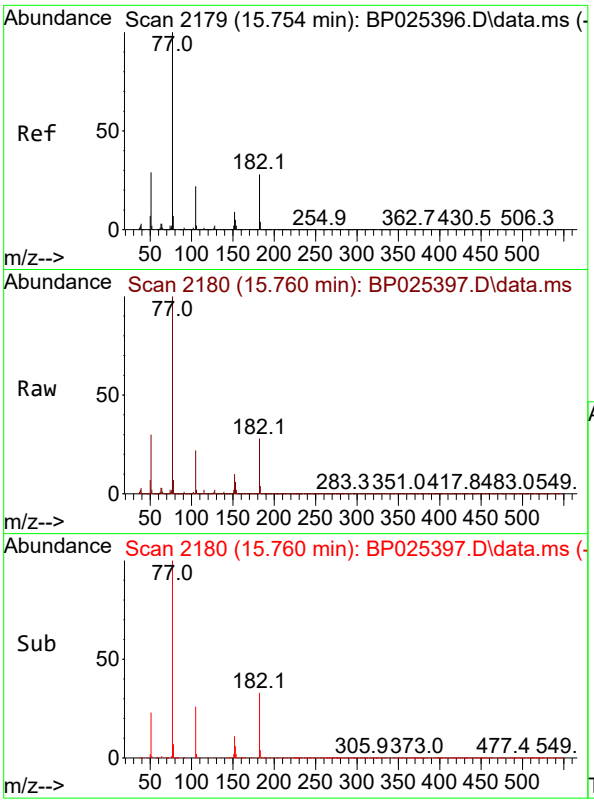


#62
4-Nitroaniline
Concen: 54.278 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:138 Resp: 364030

Ion	Ratio	Lower	Upper
138	100		
92	48.6	29.1	69.1
108	80.9	61.5	101.5

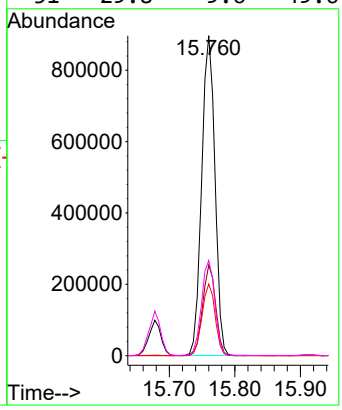




#63
Azobenzene
Concen: 52.602 ng
RT: 15.760 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 77 Resp: 126257

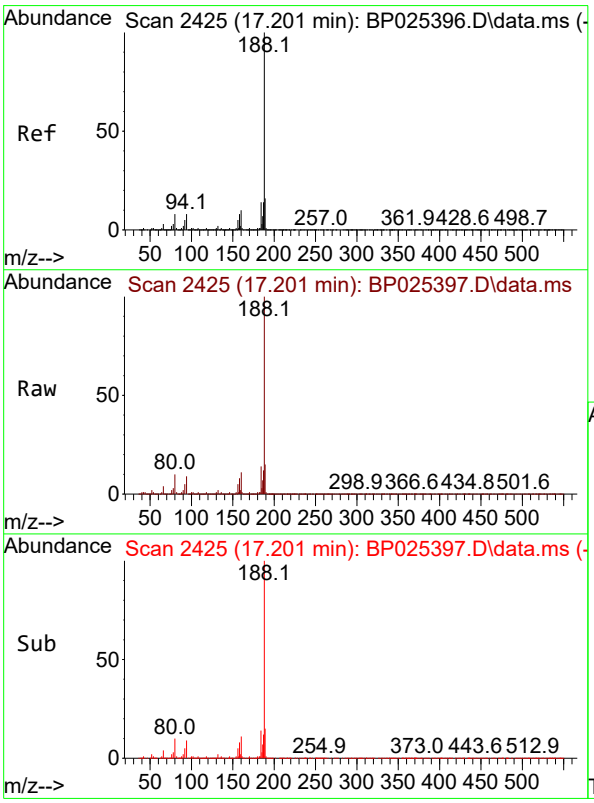
Ion	Ratio	Lower	Upper
77	100		
182	28.3	7.5	47.5
105	22.4	2.1	42.1
51	29.8	9.6	49.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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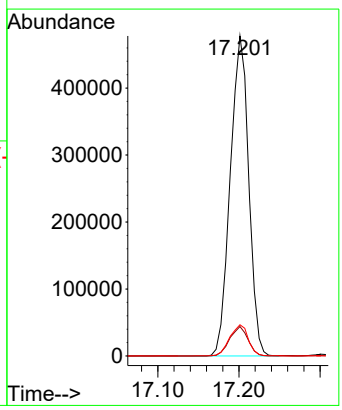
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

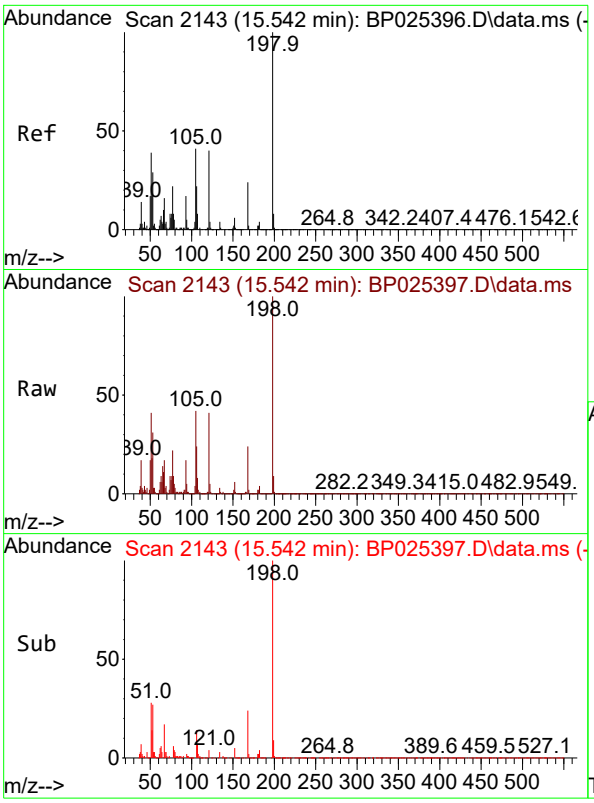


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:188 Resp: 753705

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.6	10.0
80	9.8	6.7	10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 55.792 ng
RT: 15.542 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

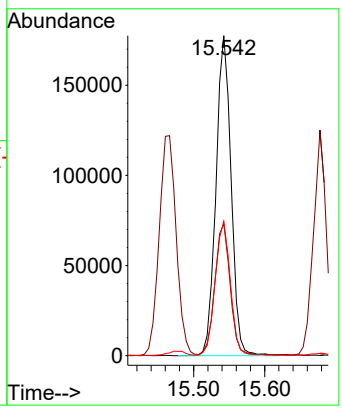
Tgt Ion:198 Resp: 26212

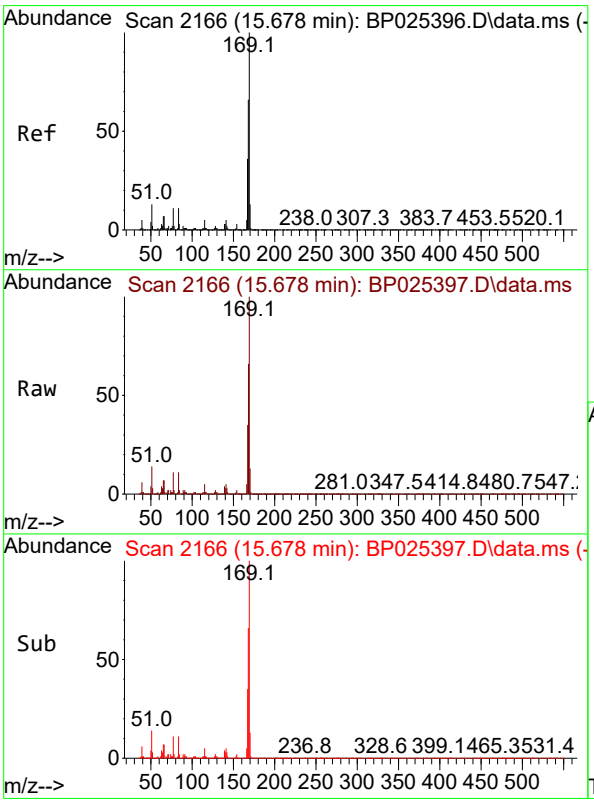
Ion	Ratio	Lower	Upper
198	100		
51	41.2	19.6	59.6
105	42.0	20.9	60.9

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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

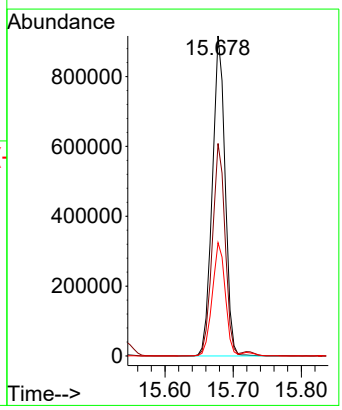


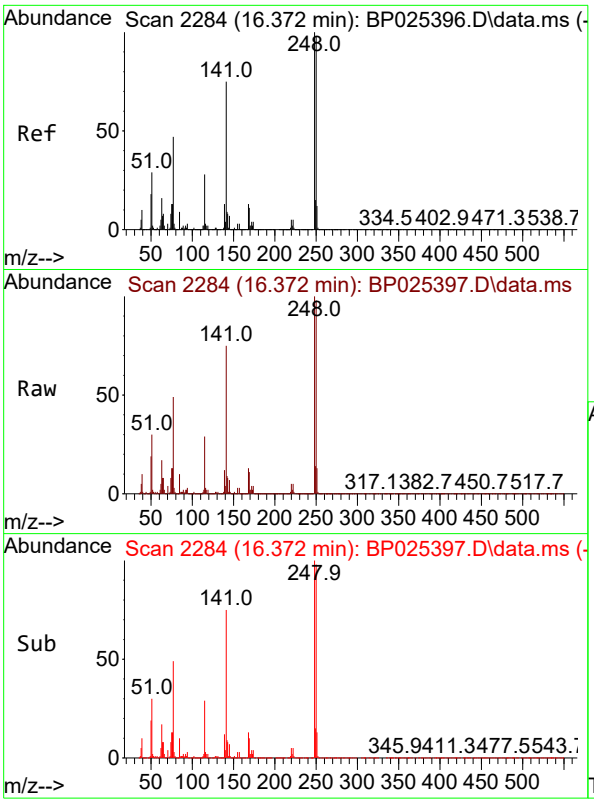


#66
n-Nitrosodiphenylamine
Concen: 51.997 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:169 Resp: 1195077

Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.2	79.8
167	35.4	28.7	43.1





#67
4-Bromophenyl-phenylether
Concen: 52.325 ng
RT: 16.372 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

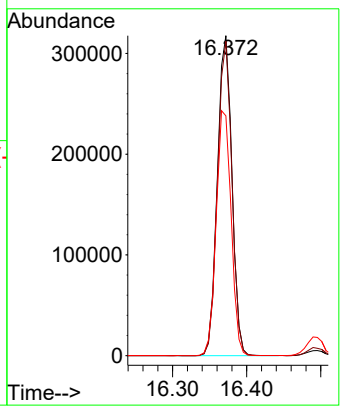
Tgt Ion:248 Resp: 43374

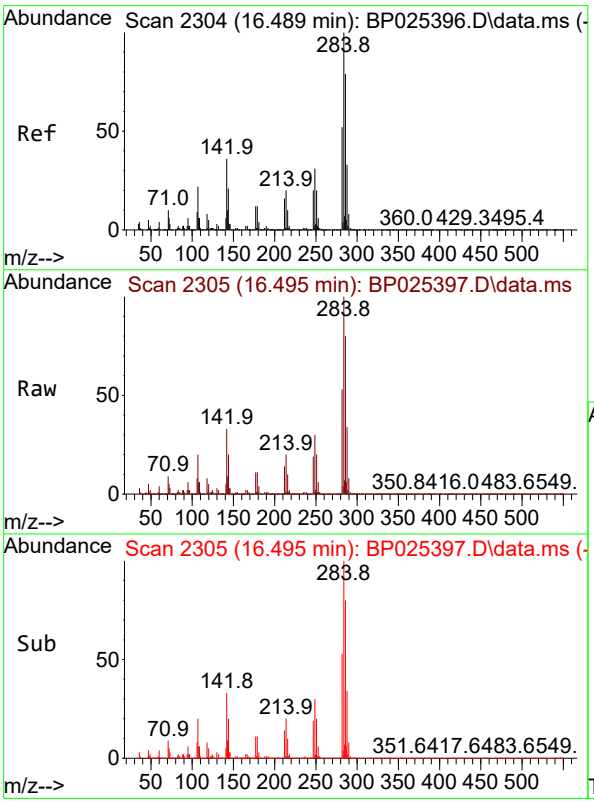
Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.2	117.2
141	75.0	59.6	89.4

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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

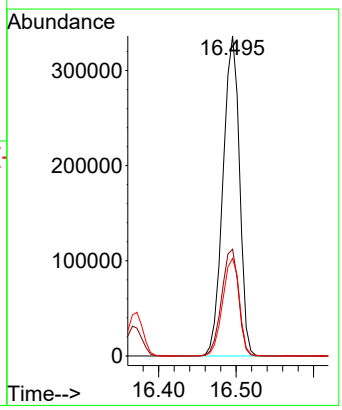


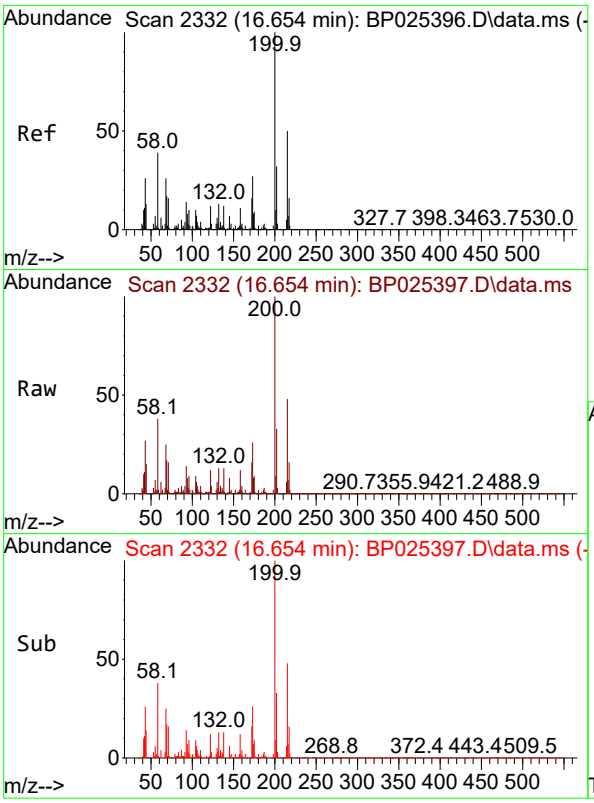


#68
Hexachlorobenzene
Concen: 51.816 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:284 Resp: 497906

Ion	Ratio	Lower	Upper
284	100		
142	33.3	29.1	43.7
249	30.5	25.0	37.4

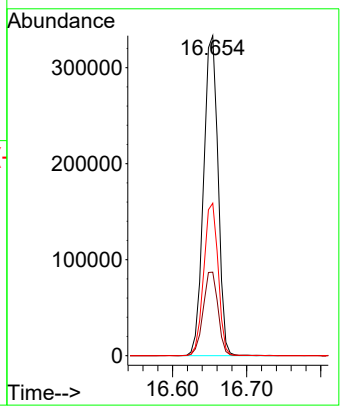




#69
Atrazine
Concen: 52.479 ng
RT: 16.654 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:200 Resp: 45170

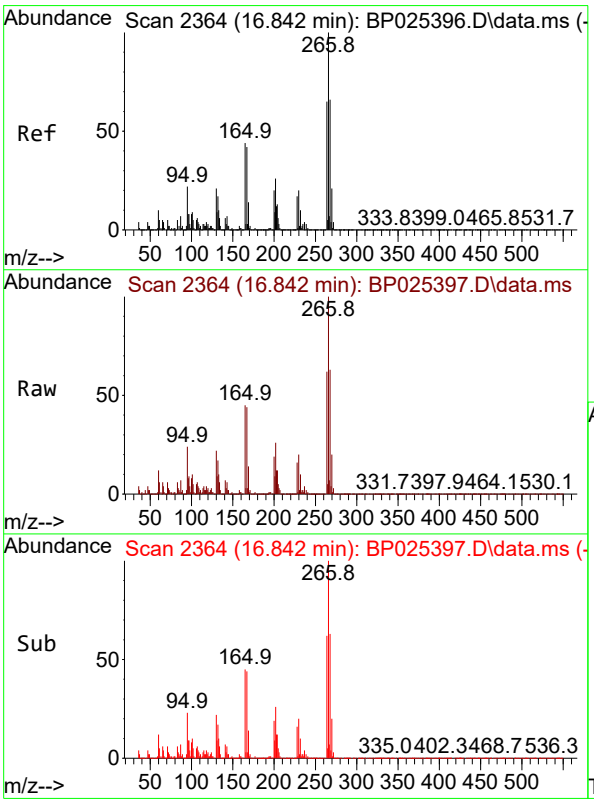
Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.7	46.7
215	47.7	29.7	69.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

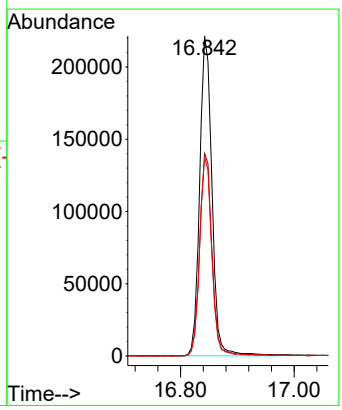
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

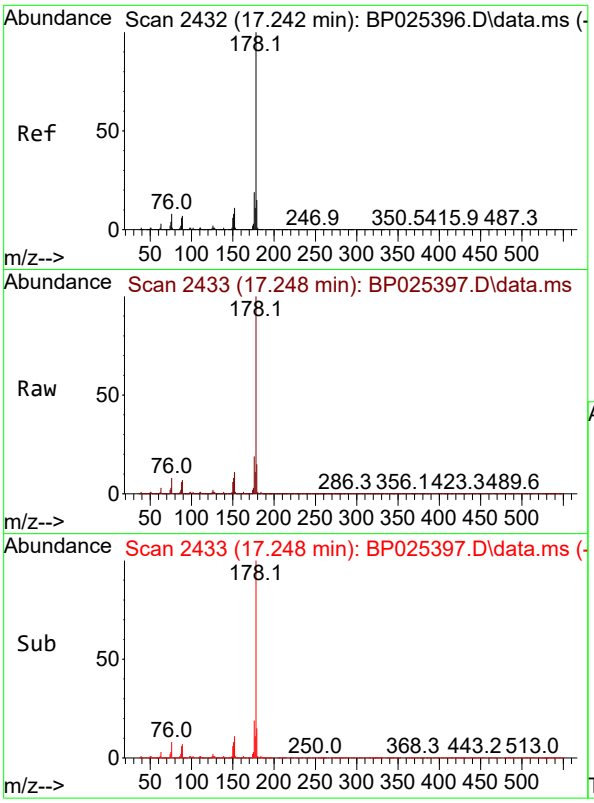


#70
Pentachlorophenol
Concen: 54.872 ng
RT: 16.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

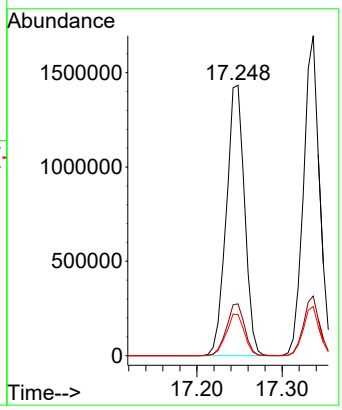




#71
Phenanthrene
Concen: 51.673 ng
RT: 17.248 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:178 Resp: 213943

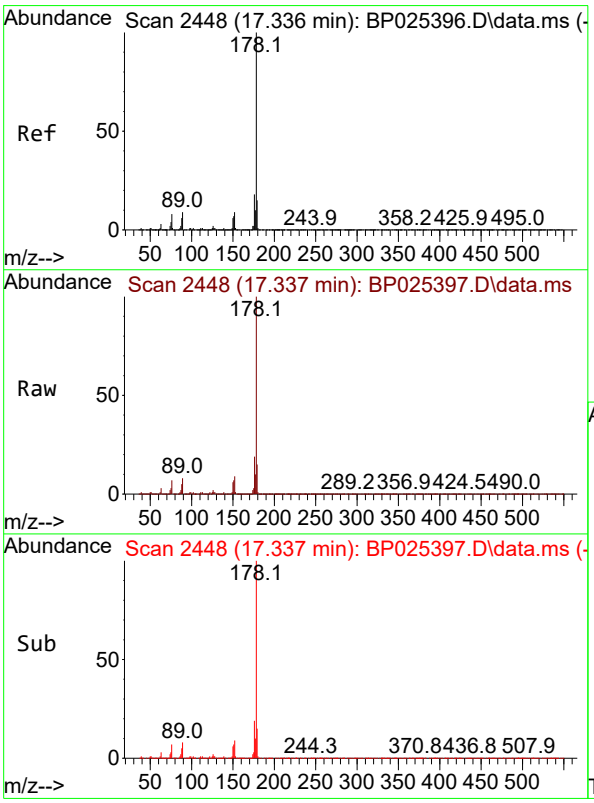
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.2	12.2	18.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

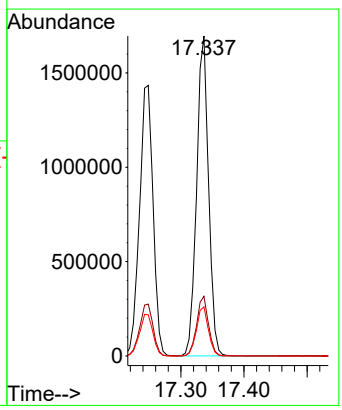
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

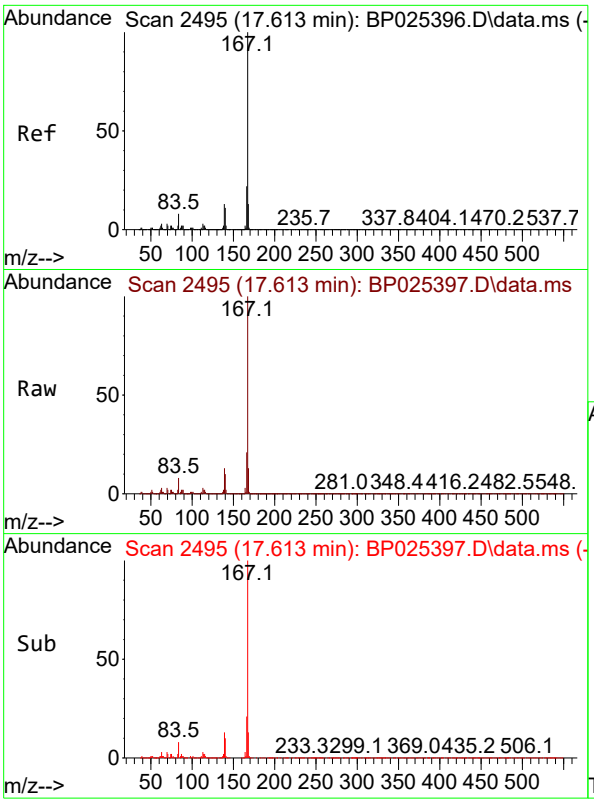


#72
Anthracene
Concen: 52.385 ng
RT: 17.337 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

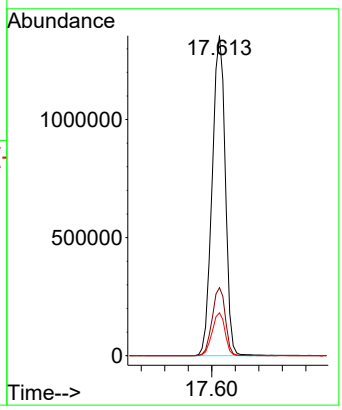




#73
Carbazole
Concen: 52.559 ng
RT: 17.613 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:167 Resp: 209317

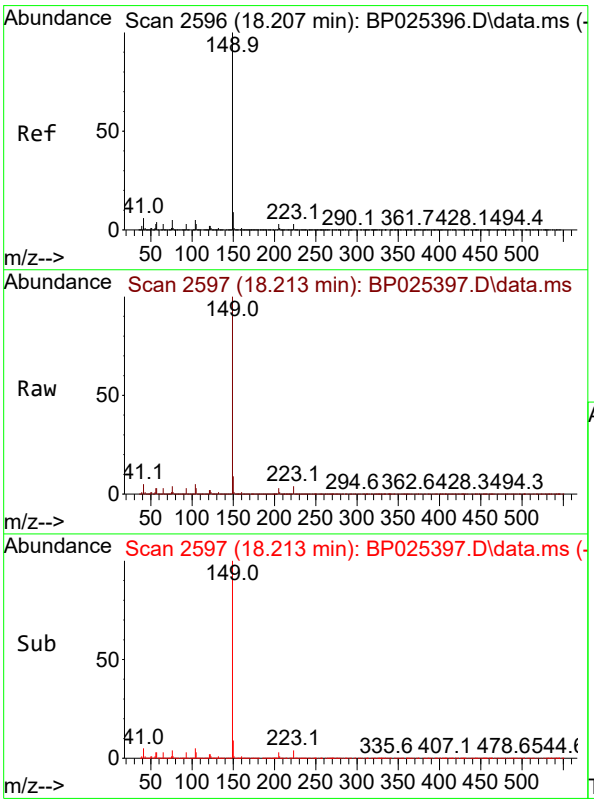
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.5	26.3
139	13.4	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

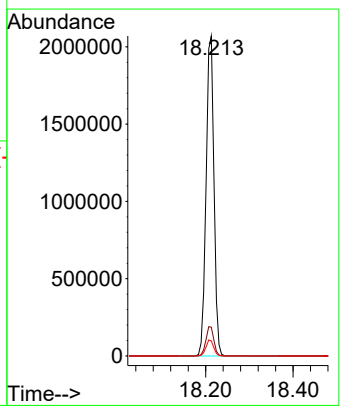
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

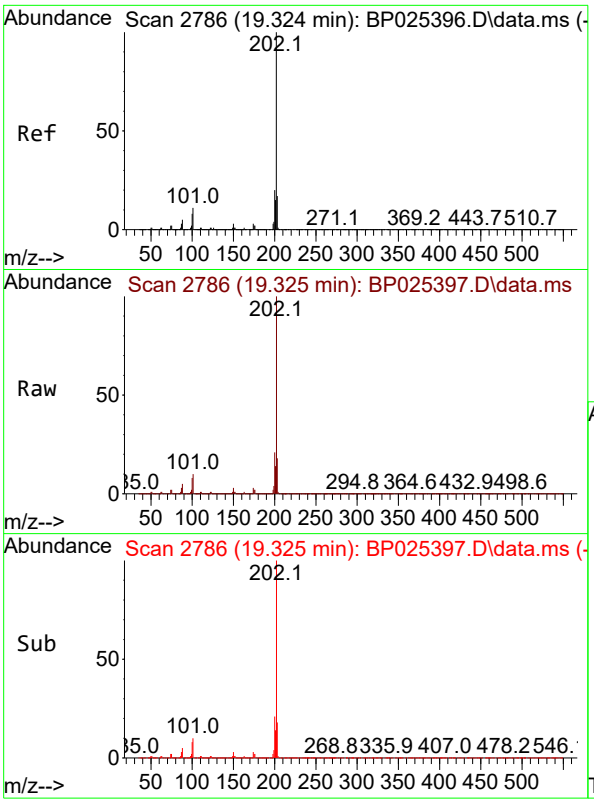


#74
Di-n-butylphthalate
Concen: 52.849 ng
RT: 18.213 min Scan# 2597
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:149 Resp: 2589522

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	4.7	4.2	6.2

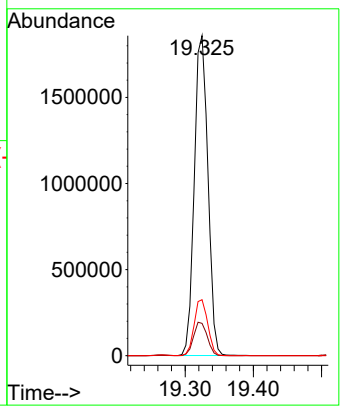




#75
Fluoranthene
Concen: 51.910 ng
RT: 19.325 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:202 Resp: 256370

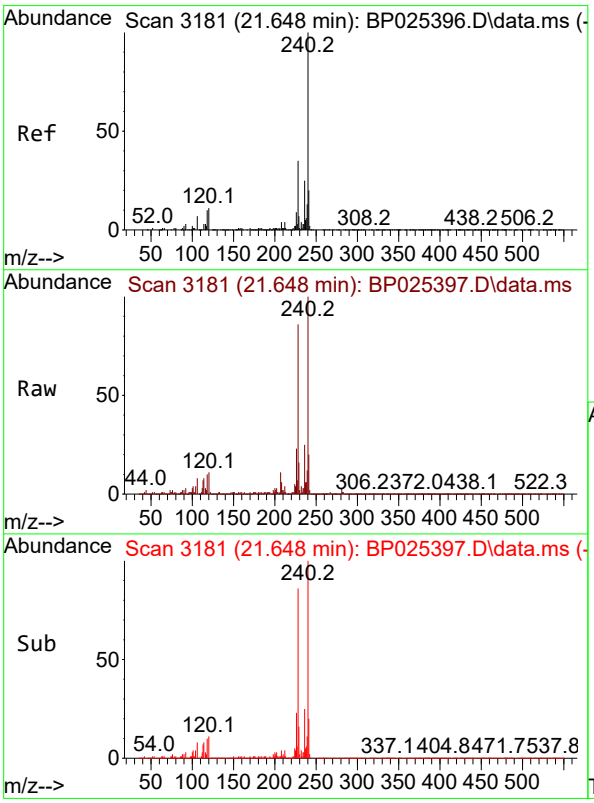
Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.1
203	17.5	0.0	37.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

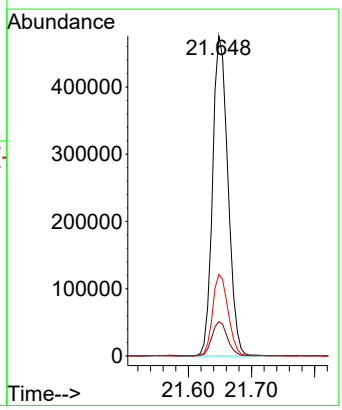
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

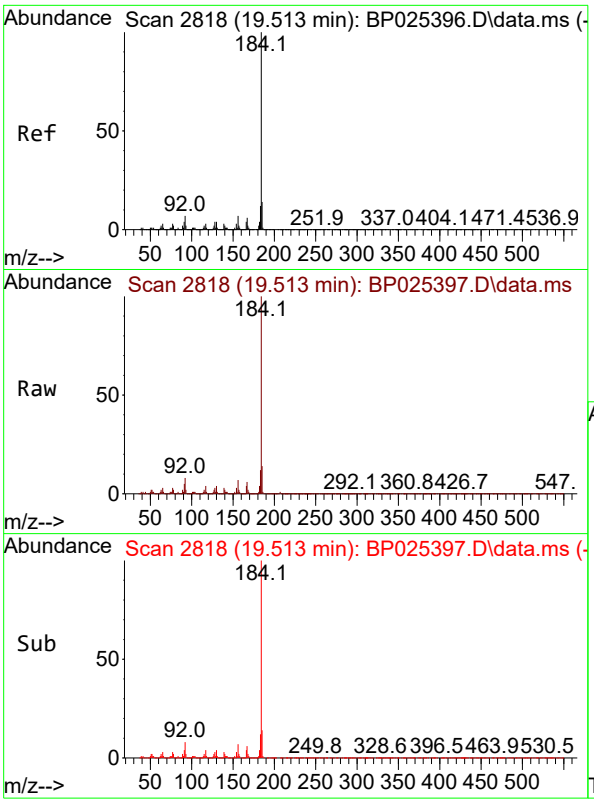


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

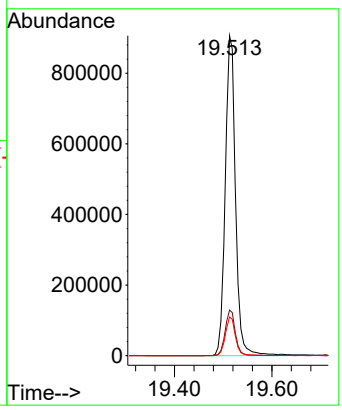




#77
Benzidine
Concen: 48.615 ng
RT: 19.513 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:184 Resp: 133019

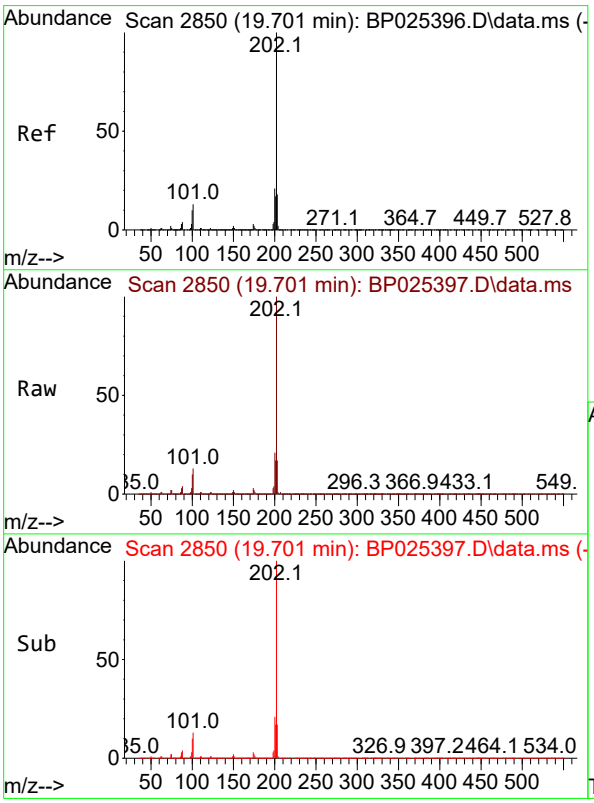
Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.5	17.3
183	12.1	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

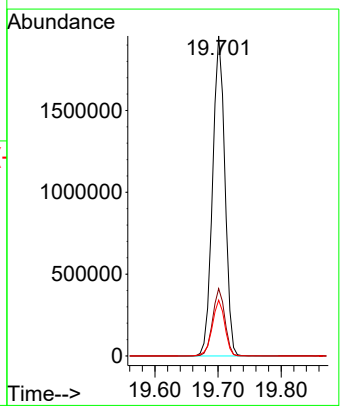
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

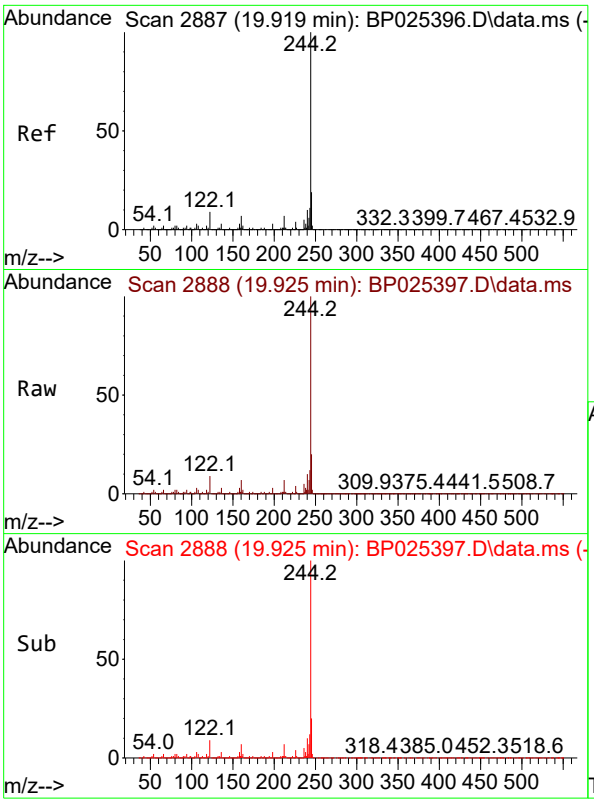


#78
Pyrene
Concen: 50.754 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

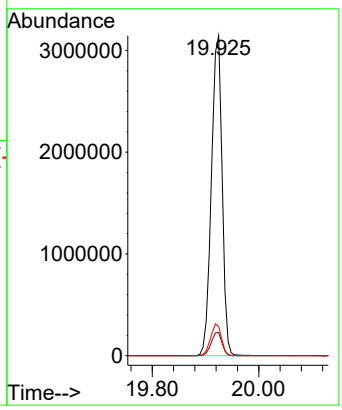




#79
Terphenyl-d14
Concen: 100.615 ng
RT: 19.925 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:244 Resp: 440909

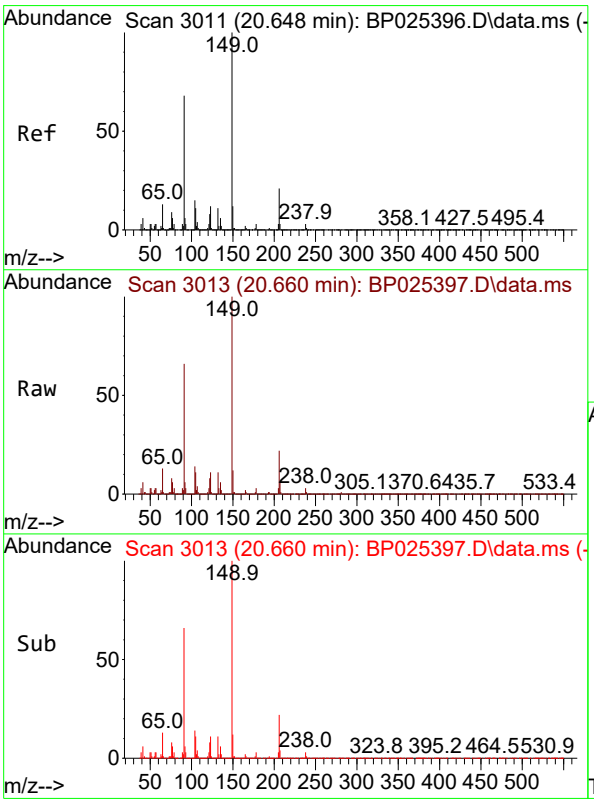
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	9.2	7.4	11.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

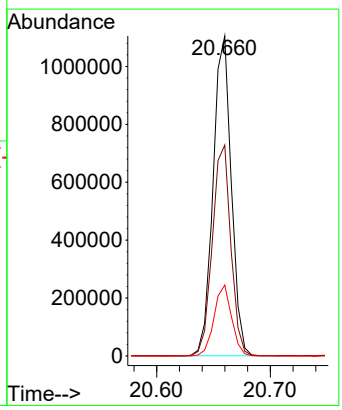
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

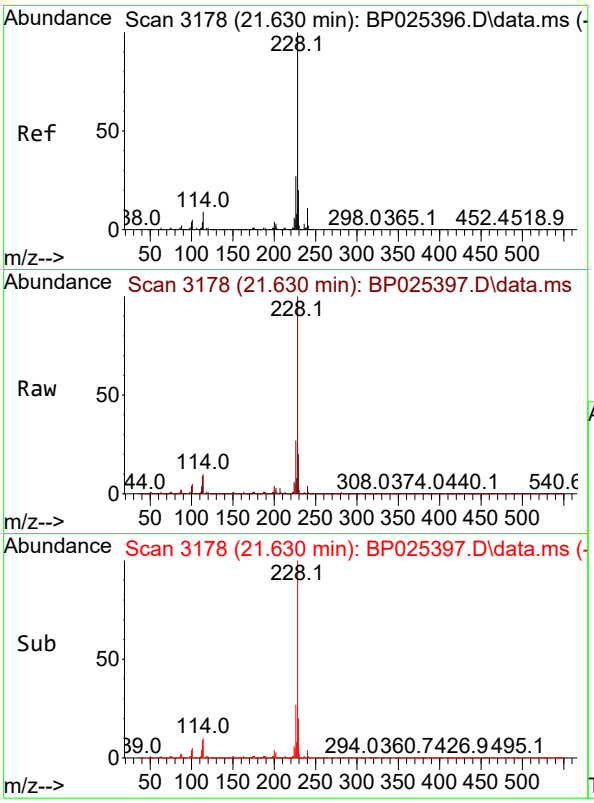


#80
Butylbenzylphthalate
Concen: 52.139 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

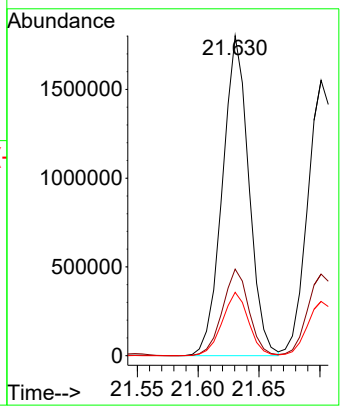




#81
Benzo(a)anthracene
Concen: 51.499 ng
RT: 21.630 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:228 Resp: 272300

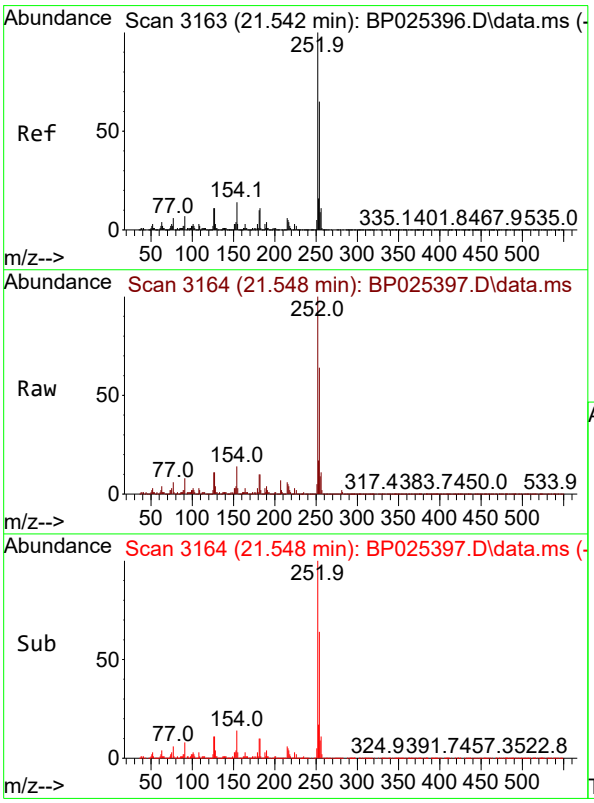
Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.7	32.5
229	19.8	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

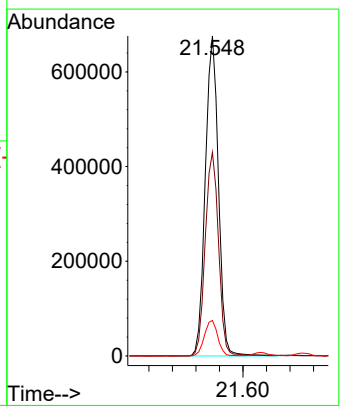
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

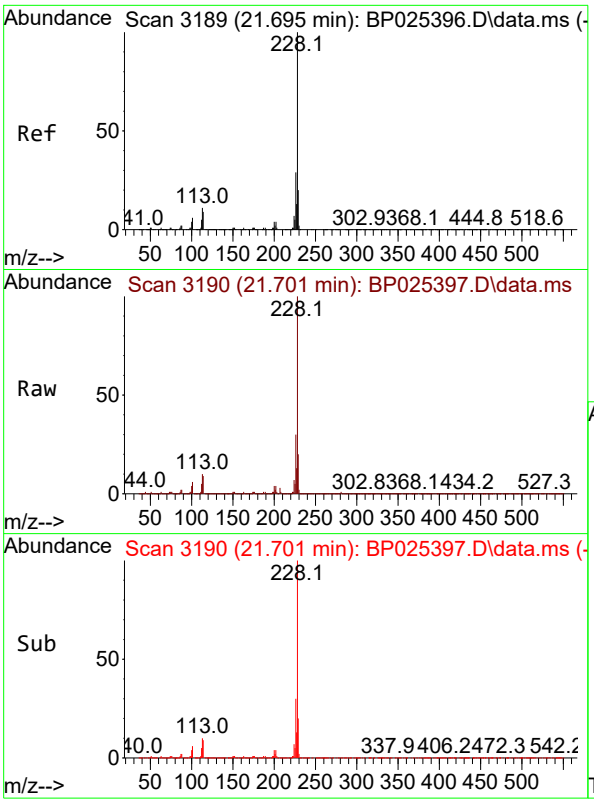


#82
3,3'-Dichlorobenzidine
Concen: 52.357 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

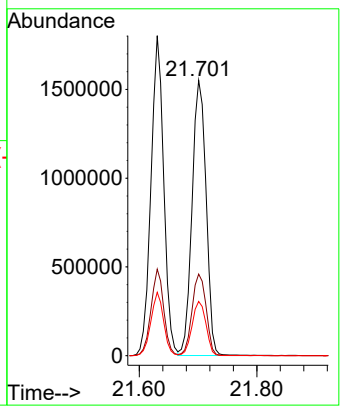




#83
Chrysene
Concen: 51.817 ng
RT: 21.701 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:228 Resp: 256585

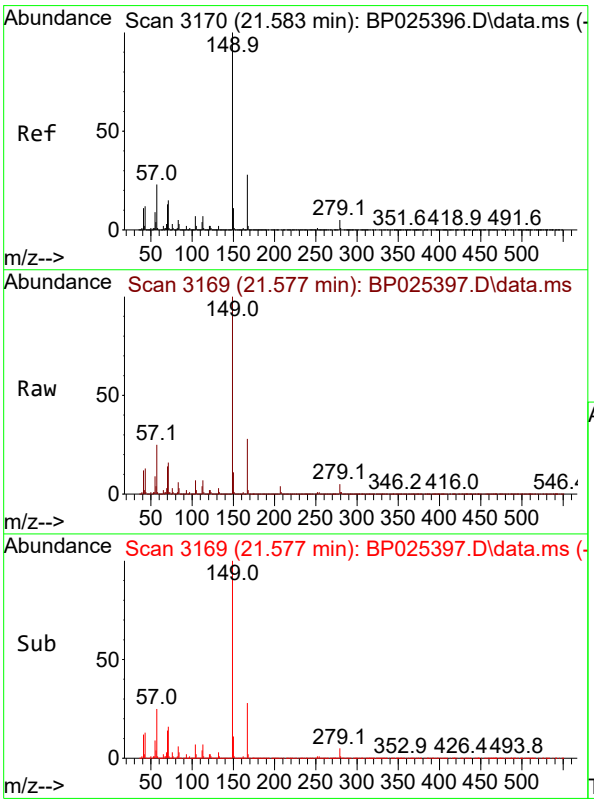
Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.2	34.8
229	19.7	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

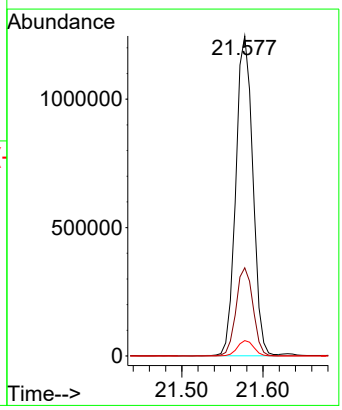
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

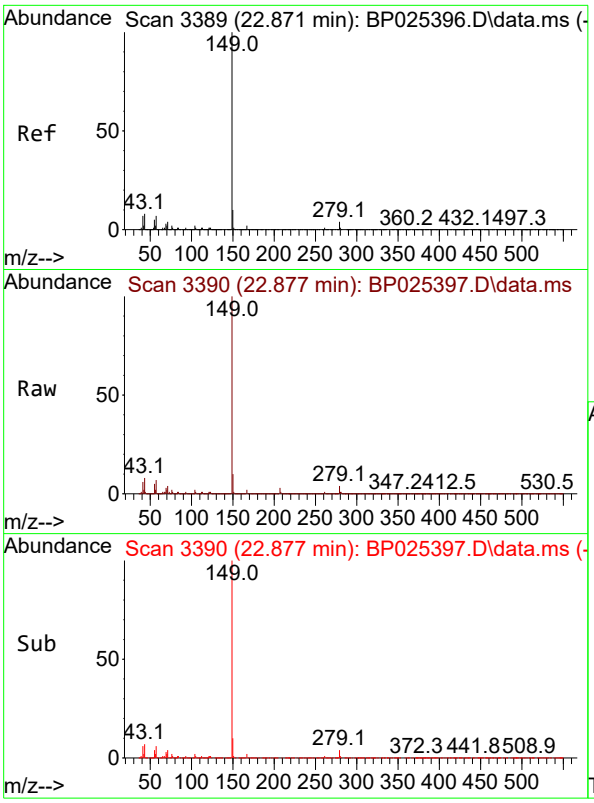


#84
Bis(2-ethylhexyl)phthalate
Concen: 51.933 ng
RT: 21.577 min Scan# 3169
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:149 Resp: 1805478

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	4.8	3.8	5.6





#85
Di-n-octyl phthalate
Concen: 52.690 ng
RT: 22.877 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

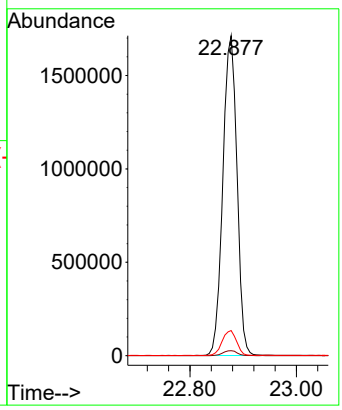
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

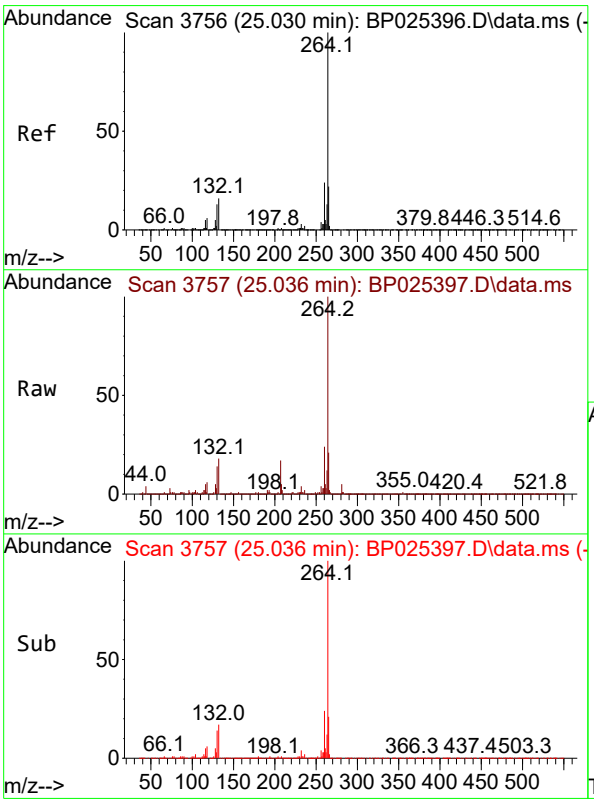
Tgt Ion:149 Resp: 315082

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.9	6.3	9.5

Manual Integrations
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Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

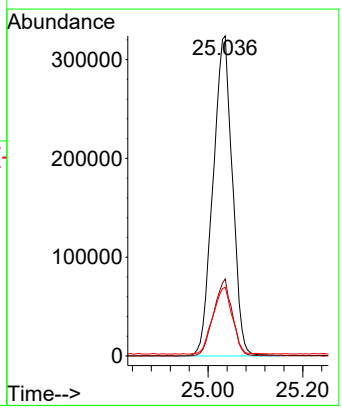


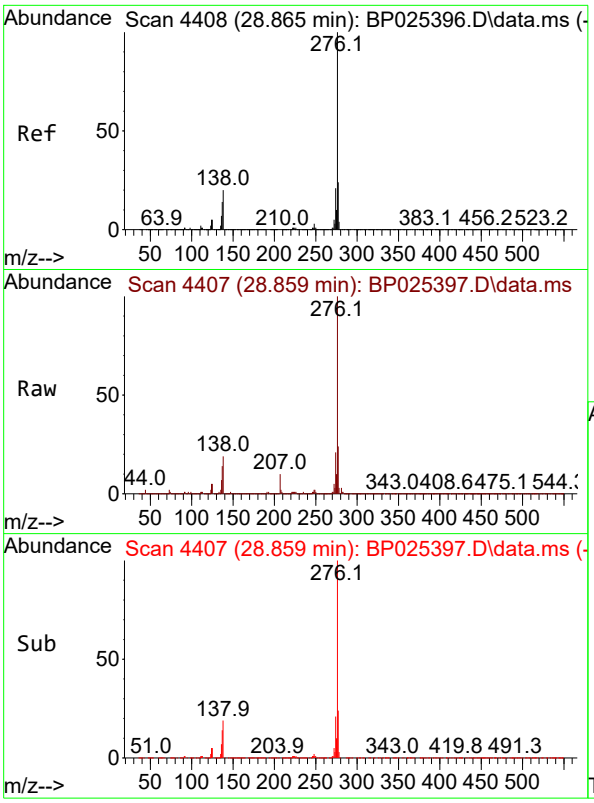


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:264 Resp: 918939

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	21.5	17.4	26.0

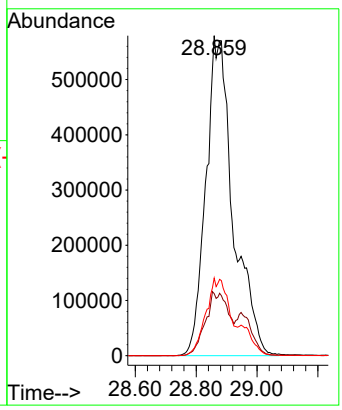




#87
Indeno(1,2,3-cd)pyrene
Concen: 53.463 ng m
RT: 28.859 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:276 Resp: 360417

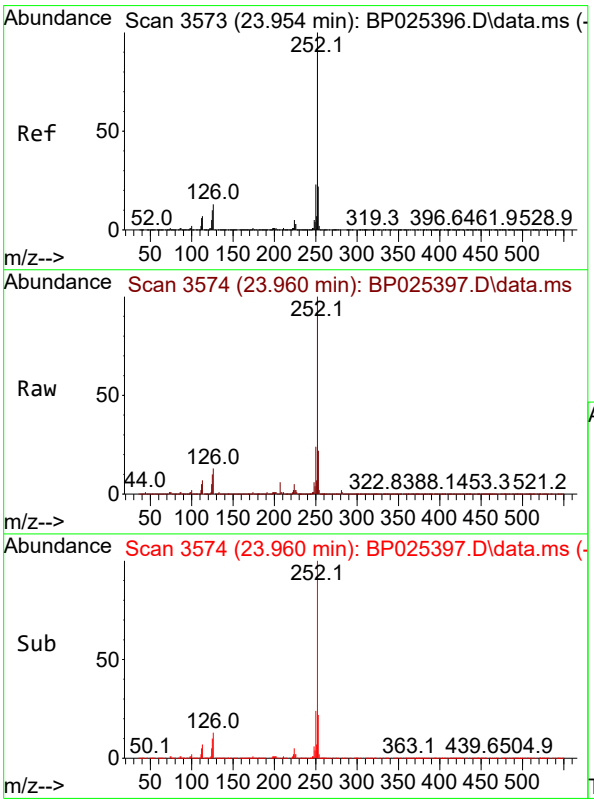
Ion	Ratio	Lower	Upper
276	100		
138	8.3	12.9	19.3#
277	9.7	17.0	25.6#



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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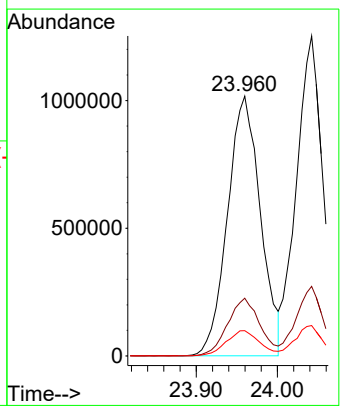
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

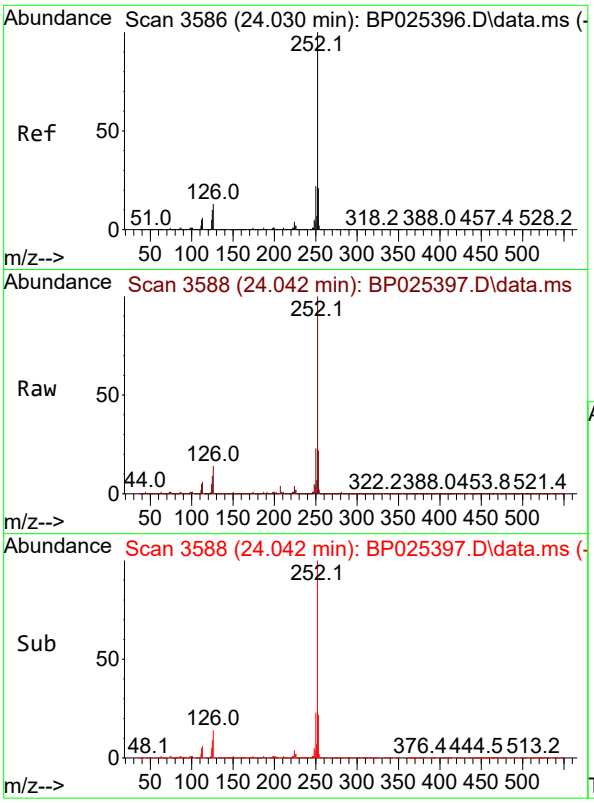


#88
Benzo(b)fluoranthene
Concen: 52.982 ng
RT: 23.960 min Scan# 3574
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:252 Resp: 2870971

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	9.8	7.9	11.9

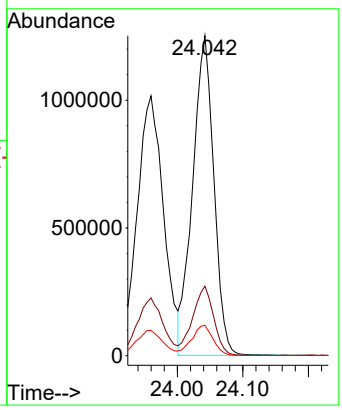




#89
Benzo(k)fluoranthene
Concen: 51.956 ng
RT: 24.042 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:252 Resp: 281727

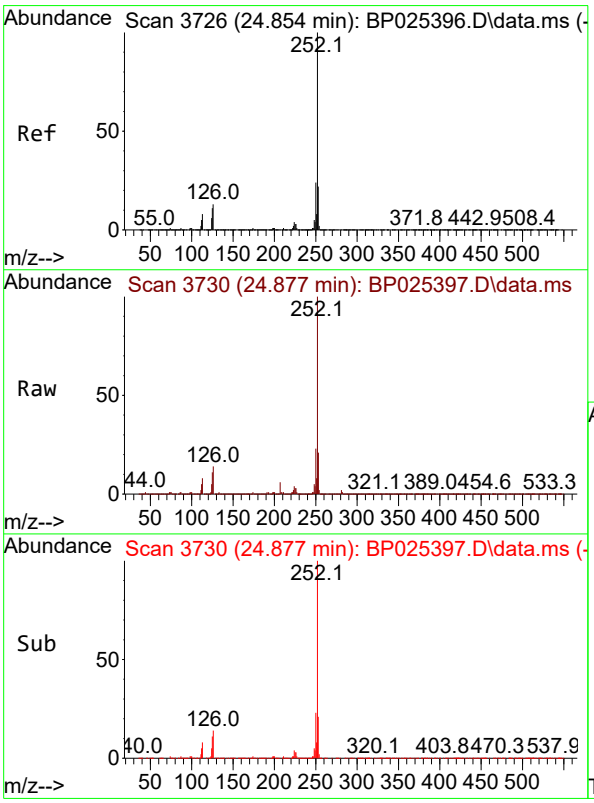
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	9.5	7.8	11.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

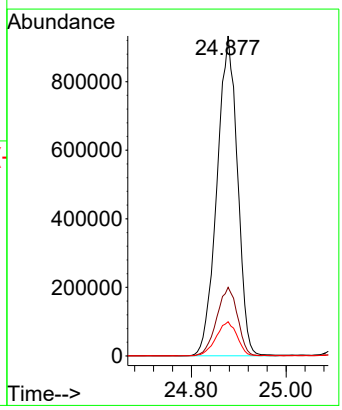
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

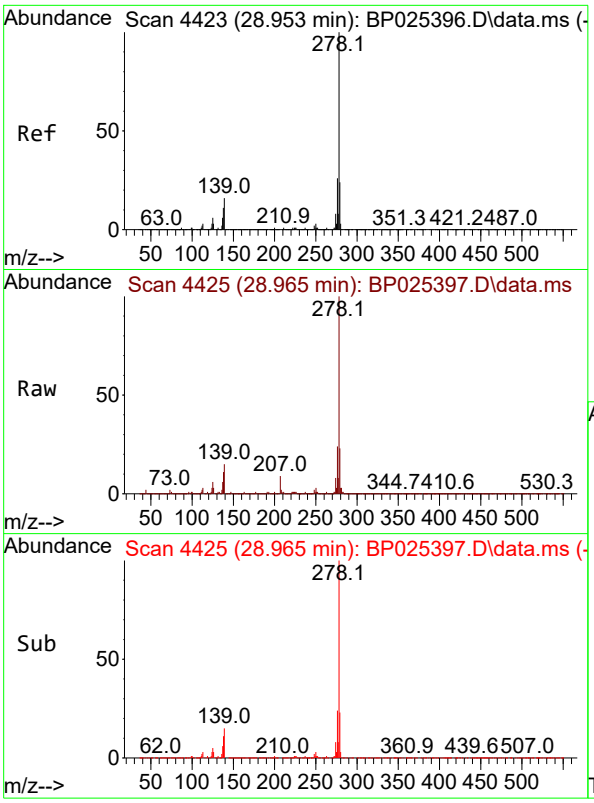


#90
Benzo(a)pyrene
Concen: 53.100 ng
RT: 24.877 min Scan# 3730
Delta R.T. 0.024 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:252 Resp: 2800880

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	10.7	8.7	13.1

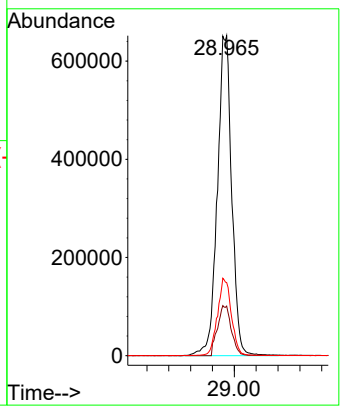




#91
Dibenzo(a,h)anthracene
Concen: 53.795 ng
RT: 28.965 min Scan# 44
Delta R.T. 0.012 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:278 Resp: 296262

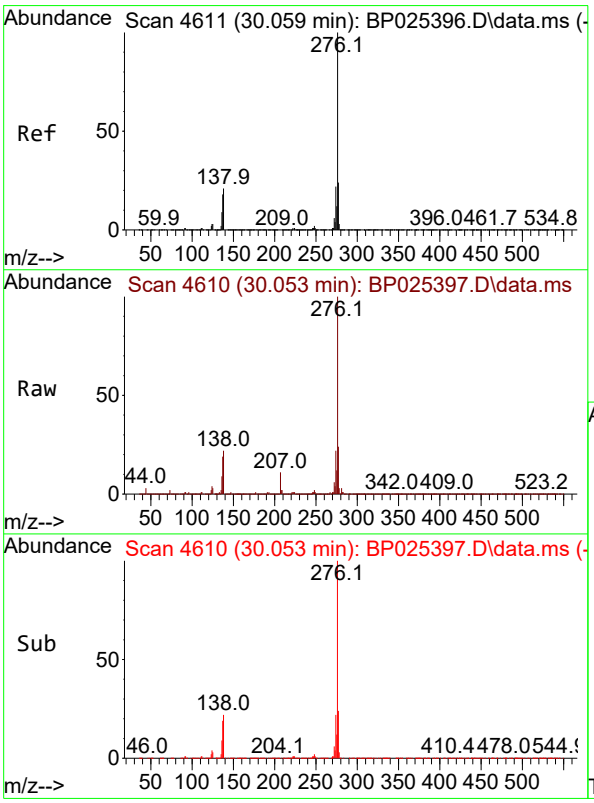
Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.0	19.4
279	22.9	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

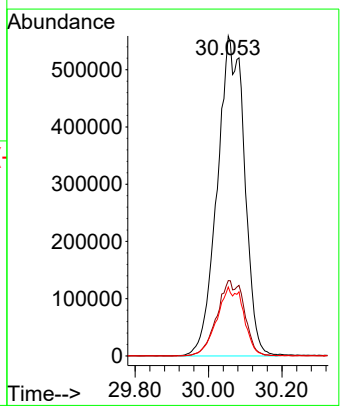
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 52.960 ng m
RT: 30.053 min Scan# 4610
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:276 Resp: 2866689

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.4	29.0
138	21.6	16.7	25.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025398.D
Acq On : 14 Aug 2025 16:42
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Aug 14 17:58:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	162248	20.000	ng		0.00
21) Naphthalene-d8	10.566	136	693237	20.000	ng		0.00
39) Acenaphthene-d10	14.413	164	460439	20.000	ng		0.00
64) Phenanthrene-d10	17.213	188	923402	20.000	ng		0.01
76) Chrysene-d12	21.666	240	926019	20.000	ng		0.02
86) Perylene-d12	25.042	264	1081163	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	1193329	122.144	ng		0.00
7) Phenol-d6	6.972	99	1566626	125.072	ng		0.00
23) Nitrobenzene-d5	8.931	82	1698557	123.944	ng		0.00
42) 2,4,6-Tribromophenol	15.925	330	760738	122.748	ng		0.01
45) 2-Fluorobiphenyl	13.025	172	3963871	117.656	ng		0.00
79) Terphenyl-d14	19.930	244	5896004	116.490	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	225015	58.799	ng		99
3) Pyridine	3.731	79	623639	59.539	ng		97
4) n-Nitrosodimethylamine	3.637	42	269971	62.518	ng		100
6) Aniline	7.125	93	1053232	62.408	ng		99
8) 2-Chlorophenol	7.366	128	688094	62.413	ng		100
9) Benzaldehyde	6.943	77	489205	55.745	ng		97
10) Phenol	7.002	94	821863	62.530	ng		98
11) bis(2-Chloroethyl)ether	7.219	93	634374	61.925	ng		99
12) 1,3-Dichlorobenzene	7.684	146	744884	61.273	ng		99
13) 1,4-Dichlorobenzene	7.825	146	751354	60.469	ng		100
14) 1,2-Dichlorobenzene	8.143	146	723663	60.165	ng		99
15) Benzyl Alcohol	8.025	79	627198	63.019	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.313	45	846896	61.712	ng		99
17) 2-Methylphenol	8.225	107	579471	63.480	ng		99
18) Hexachloroethane	8.866	117	281129	61.535	ng		95
19) n-Nitroso-di-n-propyla...	8.590	70	507223	61.060	ng		98
20) 3+4-Methylphenols	8.555	107	798107	63.075	ng		96
22) Acetophenone	8.602	105	1051848	60.503	ng	#	99
24) Nitrobenzene	8.978	77	752762	61.461	ng		98
25) Isophorone	9.502	82	1475193	60.825	ng		99
26) 2-Nitrophenol	9.678	139	405821	64.564	ng		98
27) 2,4-Dimethylphenol	9.743	122	675186	62.463	ng		100
28) bis(2-Chloroethoxy)met...	9.972	93	894872	61.040	ng		99
29) 2,4-Dichlorophenol	10.213	162	673952	62.764	ng		99
30) 1,2,4-Trichlorobenzene	10.425	180	715954	60.823	ng		98
31) Naphthalene	10.613	128	2187912	60.722	ng		100
32) Benzoic acid	9.907	122	530609	66.651	ng		98
33) 4-Chloroaniline	10.713	127	993155	62.401	ng		99
34) Hexachlorobutadiene	10.901	225	442929	60.421	ng		100
35) Caprolactam	11.513	113	241521	61.340	ng		95
36) 4-Chloro-3-methylphenol	11.843	107	764338	62.033	ng		98
37) 2-Methylnaphthalene	12.219	142	1418882	60.511	ng		99
38) 1-Methylnaphthalene	12.437	142	1494304	59.925	ng		100
40) 1,2,4,5-Tetrachloroben...	12.590	216	802737	60.365	ng		100
41) Hexachlorocyclopentadiene	12.572	237	536440	66.784	ng		99
43) 2,4,6-Trichlorophenol	12.831	196	564165	62.841	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025398.D
Acq On : 14 Aug 2025 16:42
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Aug 14 17:58:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	12.901	196	619246	62.937	ng	97
46)	1,1'-Biphenyl	13.237	154	1996186	59.695	ng	99
47)	2-Chloronaphthalene	13.272	162	1577577	60.600	ng	99
48)	2-Nitroaniline	13.472	65	485429	63.996	ng	100
49)	Acenaphthylene	14.131	152	2634005	61.147	ng	99
50)	Dimethylphthalate	13.866	163	2042324	60.572	ng	99
51)	2,6-Dinitrotoluene	13.972	165	446520	62.831	ng	100
52)	Acenaphthene	14.478	154	1527191	60.399	ng	100
53)	3-Nitroaniline	14.301	138	506373	63.331	ng	96
54)	2,4-Dinitrophenol	14.519	184	265089	69.849	ng	98
55)	Dibenzofuran	14.819	168	2387933	59.734	ng	100
56)	4-Nitrophenol	14.625	139	419801	63.893	ng	99
57)	2,4-Dinitrotoluene	14.778	165	650054	64.112	ng	96
58)	Fluorene	15.478	166	1836972	58.236	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.042	232	541317	62.307	ng	100
60)	Diethylphthalate	15.254	149	2015888	58.840	ng	99
61)	4-Chlorophenyl-phenyle...	15.472	204	926280	59.044	ng	99
62)	4-Nitroaniline	15.489	138	510438	62.272	ng	99
63)	Azobenzene	15.766	77	1796580	61.242	ng	99
65)	4,6-Dinitro-2-methylph...	15.554	198	385873	67.038	ng	98
66)	n-Nitrosodiphenylamine	15.684	169	1674806	59.478	ng	99
67)	4-Bromophenyl-phenylether	16.378	248	616767	60.731	ng	97
68)	Hexachlorobenzene	16.501	284	711778	60.461	ng	100
69)	Atrazine	16.666	200	633381	60.063	ng	99
70)	Pentachlorophenol	16.854	266	474276	63.820	ng	97
71)	Phenanthrene	17.260	178	3006132	59.263	ng	100
72)	Anthracene	17.342	178	3050794	58.895	ng	99
73)	Carbazole	17.625	167	2916606	59.776	ng	99
74)	Di-n-butylphthalate	18.219	149	3560427	59.310	ng	100
75)	Fluoranthene	19.342	202	3563798	58.899	ng	99
77)	Benzidine	19.525	184	1690432	53.489	ng	99
78)	Pyrene	19.713	202	3664453	60.883	ng	100
80)	Butylbenzylphthalate	20.660	149	1710246	62.697	ng	99
81)	Benzo(a)anthracene	21.648	228	3702064	60.619	ng	99
82)	3,3'-Dichlorobenzidine	21.554	252	1405597	61.062	ng	100
83)	Chrysene	21.707	228	3453736	60.387	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.583	149	2450963	61.038	ng	100
85)	Di-n-octyl phthalate	22.883	149	4342211	62.869	ng	100
87)	Indeno(1,2,3-cd)pyrene	28.901	276	4937235	62.248	ng	96
88)	Benzo(b)fluoranthene	23.960	252	3883465	60.914	ng	99
89)	Benzo(k)fluoranthene	24.036	252	3912900	61.334	ng	99
90)	Benzo(a)pyrene	24.883	252	3845093	61.959	ng	99
91)	Dibenzo(a,h)anthracene	28.977	278	4035414	62.280	ng	98
92)	Benzo(g,h,i)perylene	30.083	276	3958545	62.159	ng	100

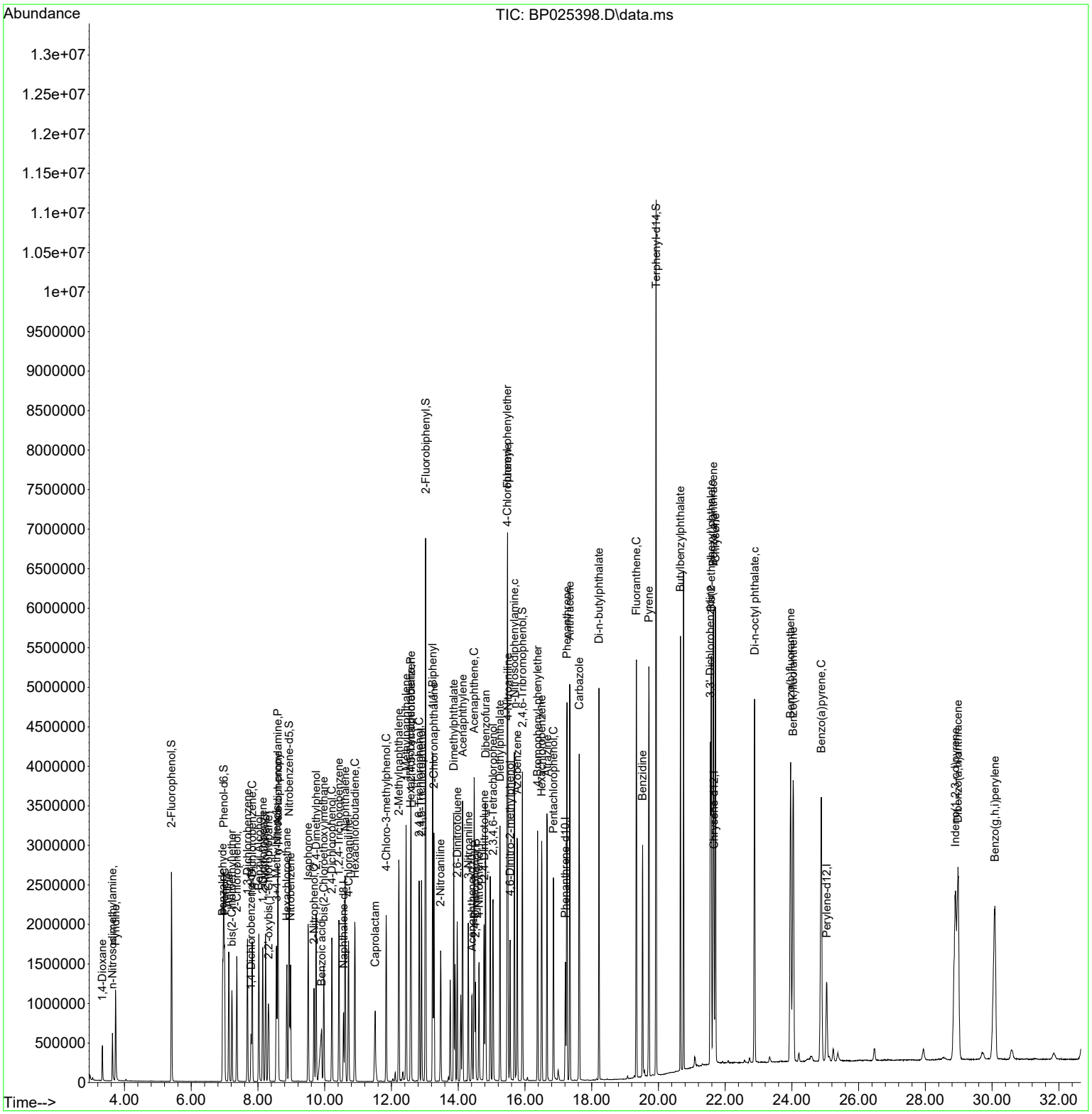
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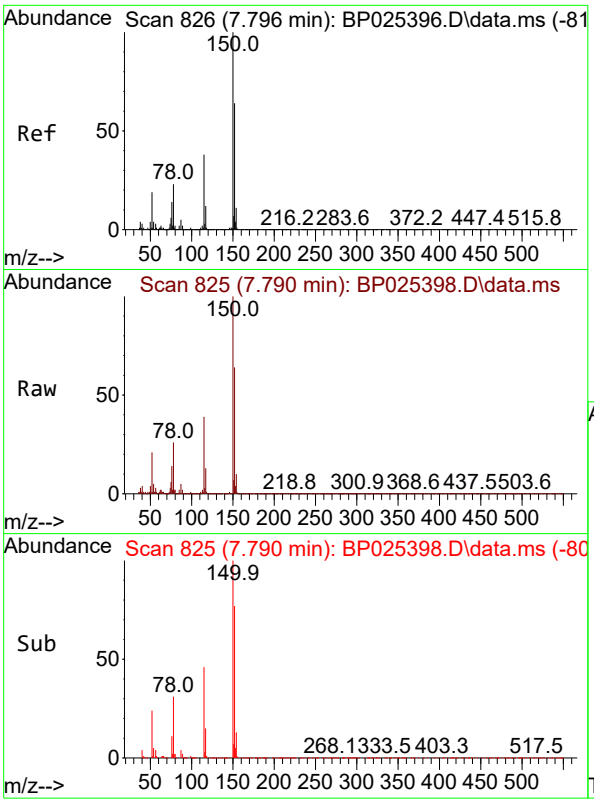
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025398.D
Acq On : 14 Aug 2025 16:42
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Aug 14 17:58:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration



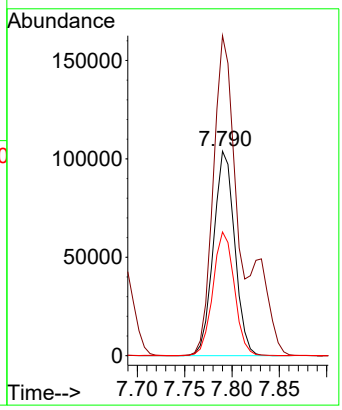


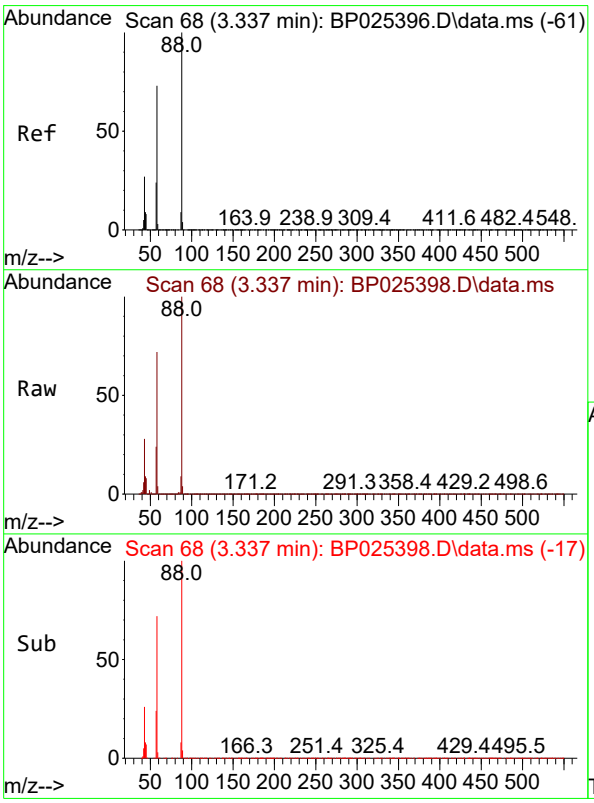
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 162248

Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.9	188.9
115	60.5	48.5	72.7

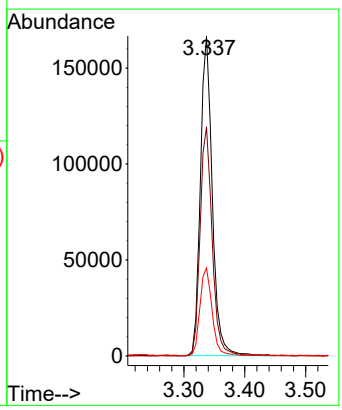


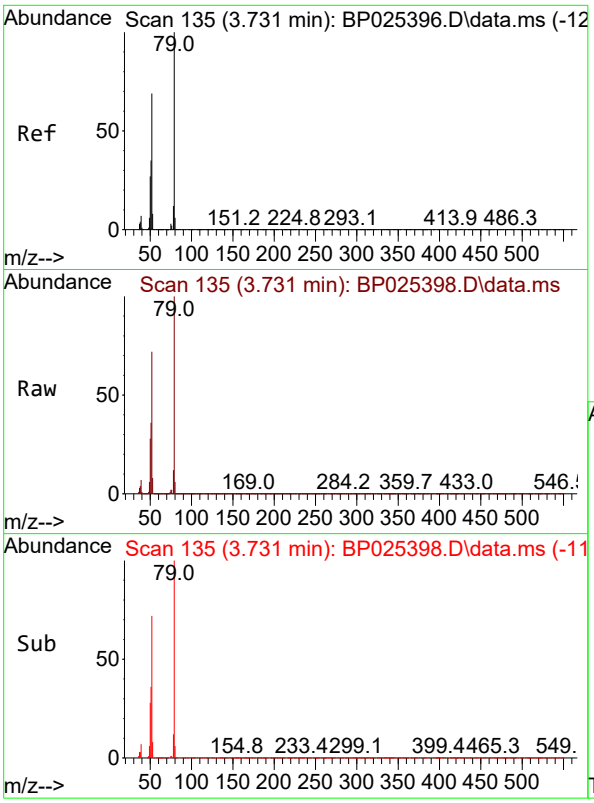


#2
1,4-Dioxane
Concen: 58.799 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 88 Resp: 225015

Ion	Ratio	Lower	Upper
88	100		
58	73.0	59.2	88.8
43	27.9	21.7	32.5



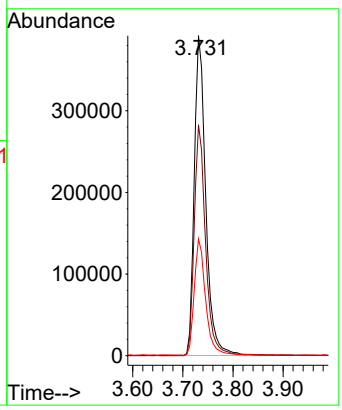


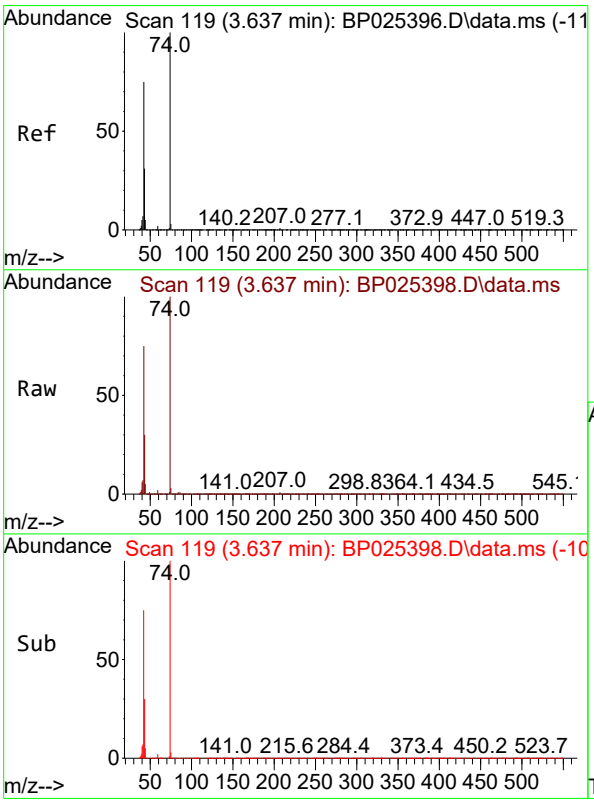
#3
Pyridine
Concen: 59.539 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 623639

Ion	Ratio	Lower	Upper
79	100		
52	72.1	55.5	83.3
51	36.5	28.3	42.5

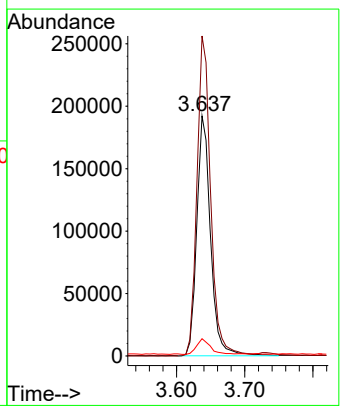


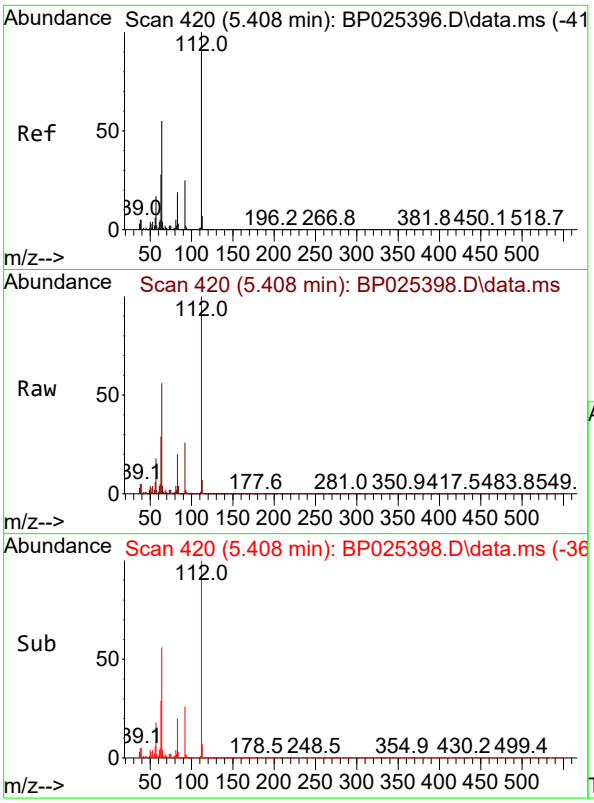


#4
n-Nitrosodimethylamine
Concen: 62.518 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 42 Resp: 269971

Ion	Ratio	Lower	Upper
42	100		
74	133.4	107.0	160.4
44	7.2	6.2	9.4



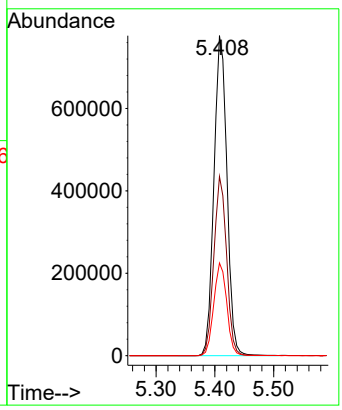


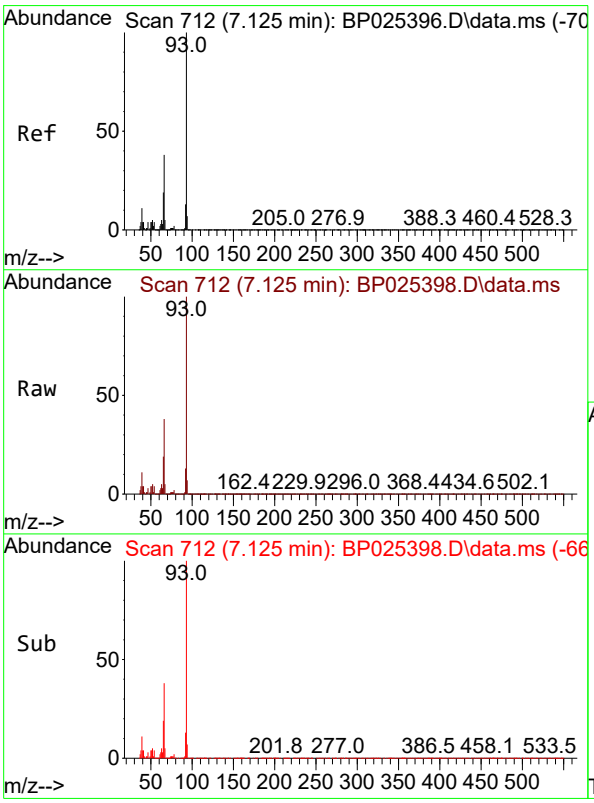
#5
2-Fluorophenol
Concen: 122.144 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 1193329

Ion	Ratio	Lower	Upper
112	100		
64	56.0	43.8	65.8
63	29.0	22.7	34.1

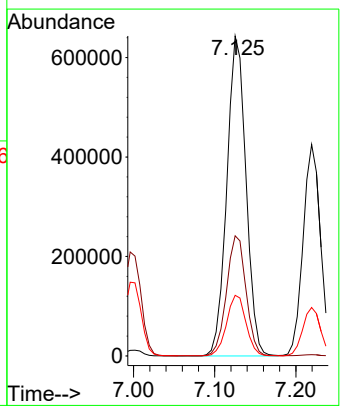


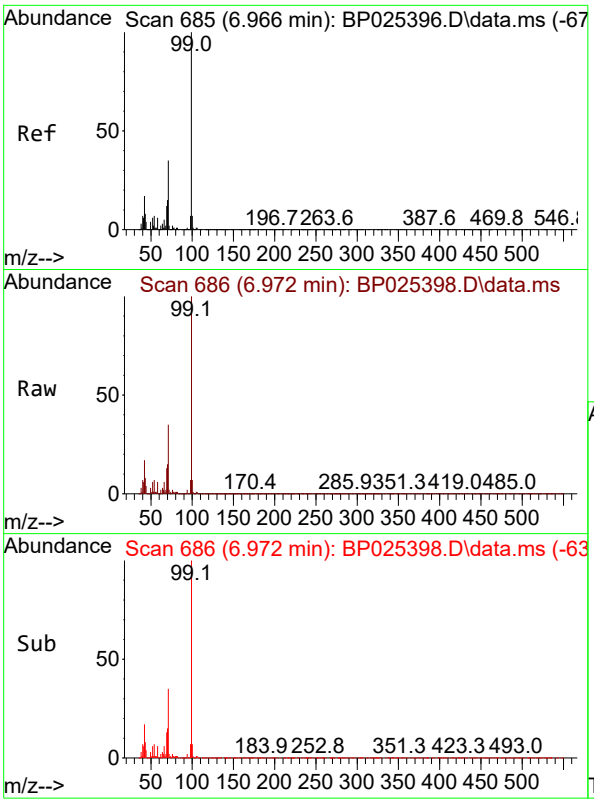


#6
Aniline
Concen: 62.408 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 93 Resp: 1053232

Ion	Ratio	Lower	Upper
93	100		
66	37.5	30.4	45.6
65	18.9	15.3	22.9



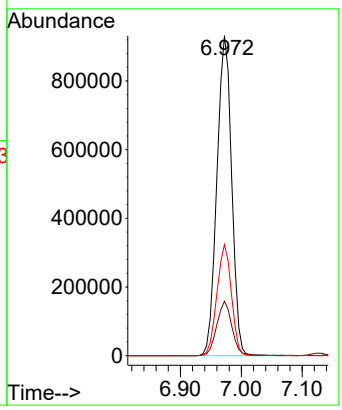


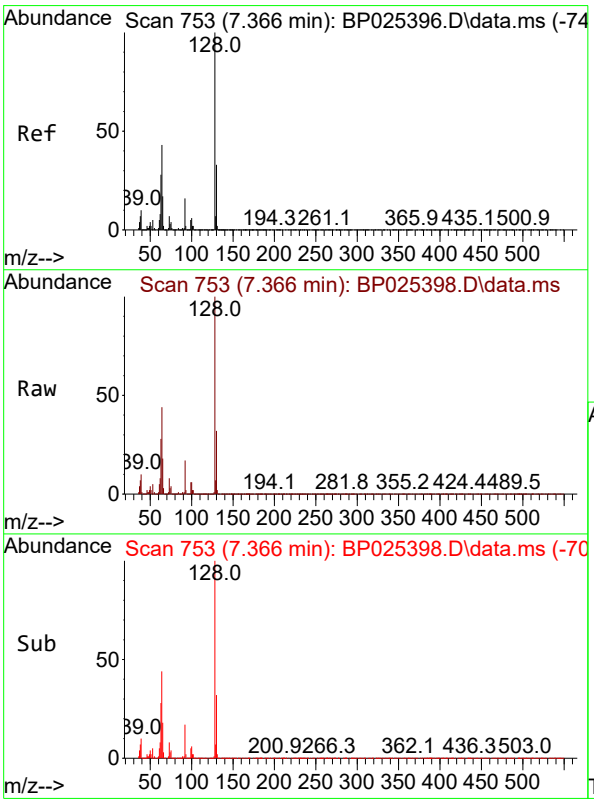
#7
Phenol-d6
Concen: 125.072 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 1566626

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.7	20.5
71	34.8	28.2	42.4

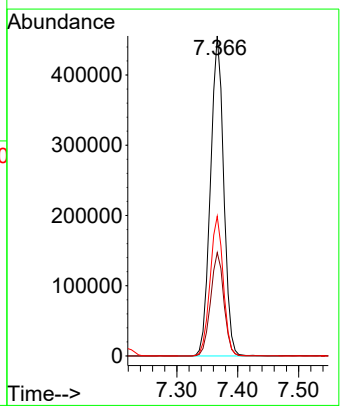


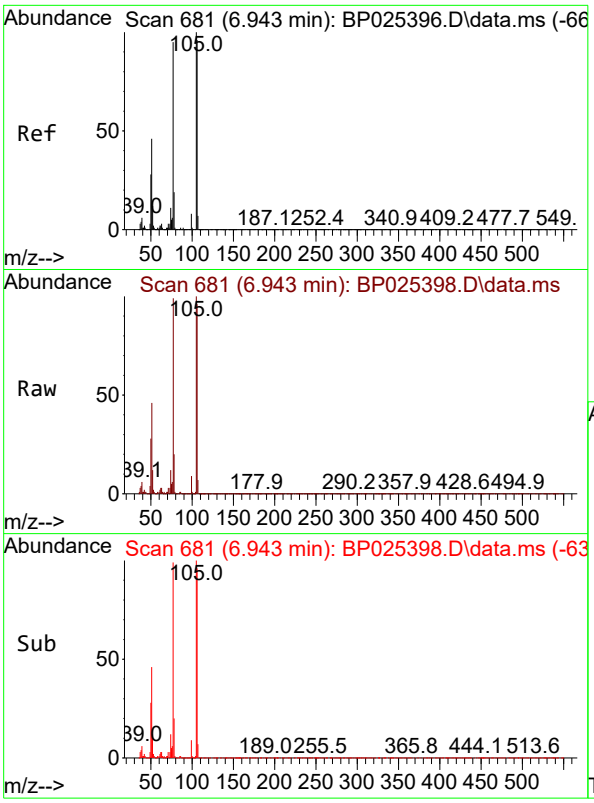


#8
2-Chlorophenol
Concen: 62.413 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:128 Resp: 688094

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	43.7	23.4	63.4



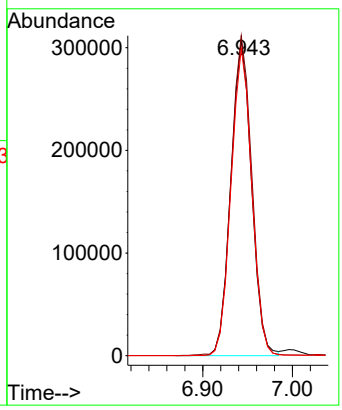


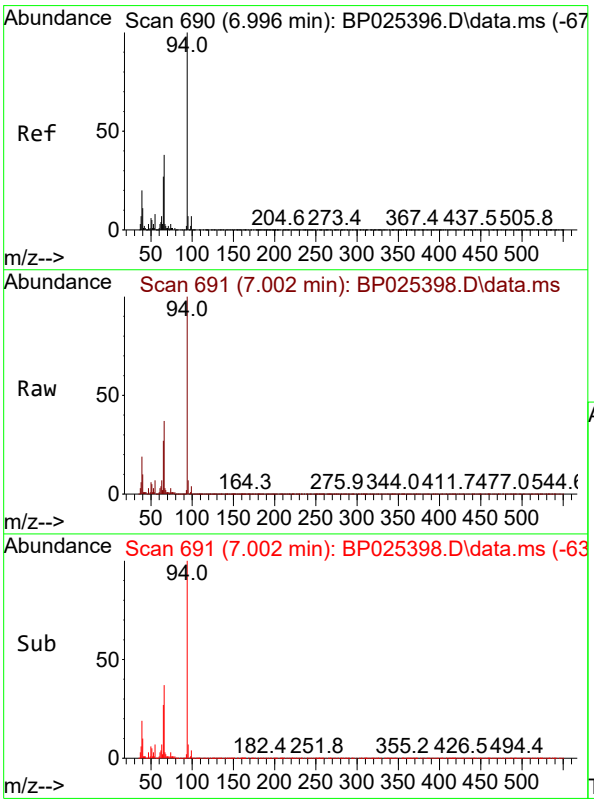
#9
Benzaldehyde
Concen: 55.745 ng
RT: 6.943 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 489205

Ion	Ratio	Lower	Upper
77	100		
105	101.4	84.8	124.8
106	97.4	80.5	120.5

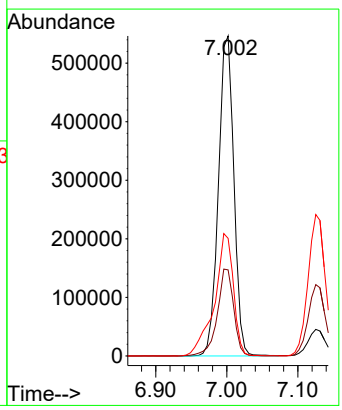


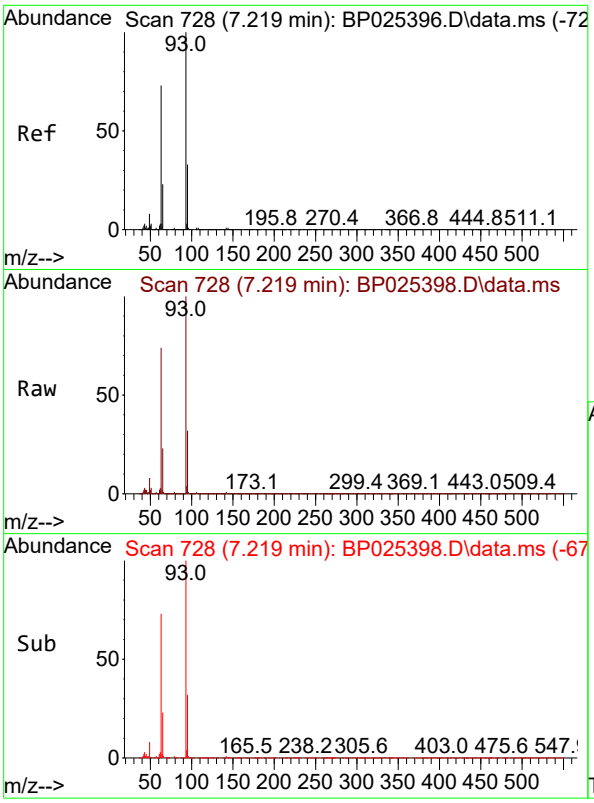


#10
Phenol
Concen: 62.530 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 94 Resp: 821863

Ion	Ratio	Lower	Upper
94	100		
65	26.9	6.8	46.8
66	36.8	18.2	58.2



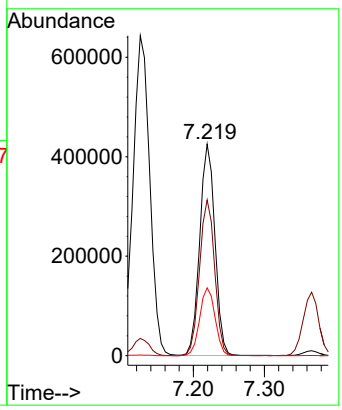


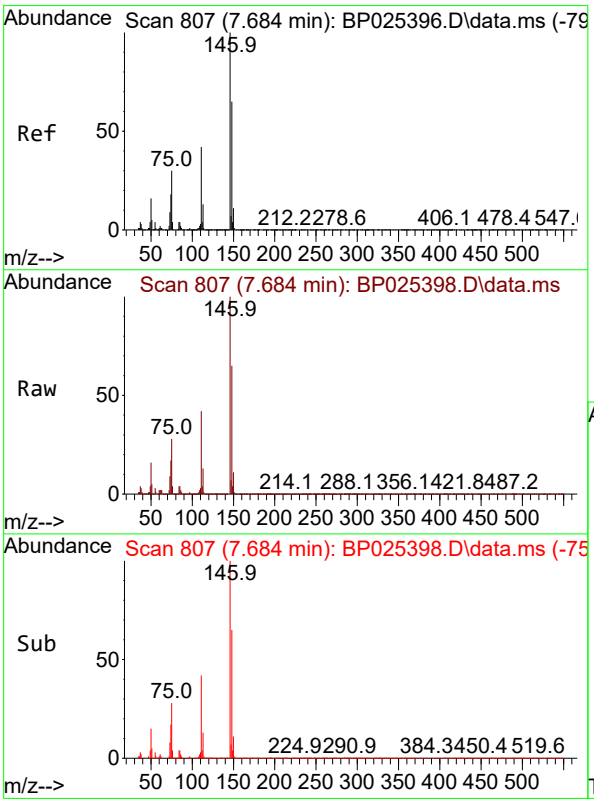
#11
bis(2-Chloroethyl)ether
Concen: 61.925 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 634374

Ion	Ratio	Lower	Upper
93	100		
63	73.6	52.6	92.6
95	32.0	12.7	52.7

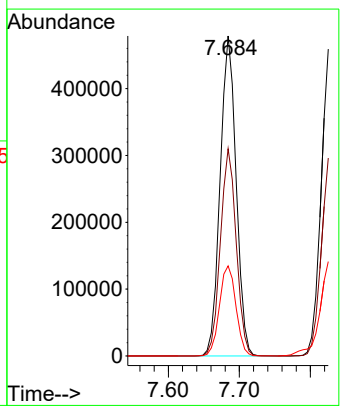


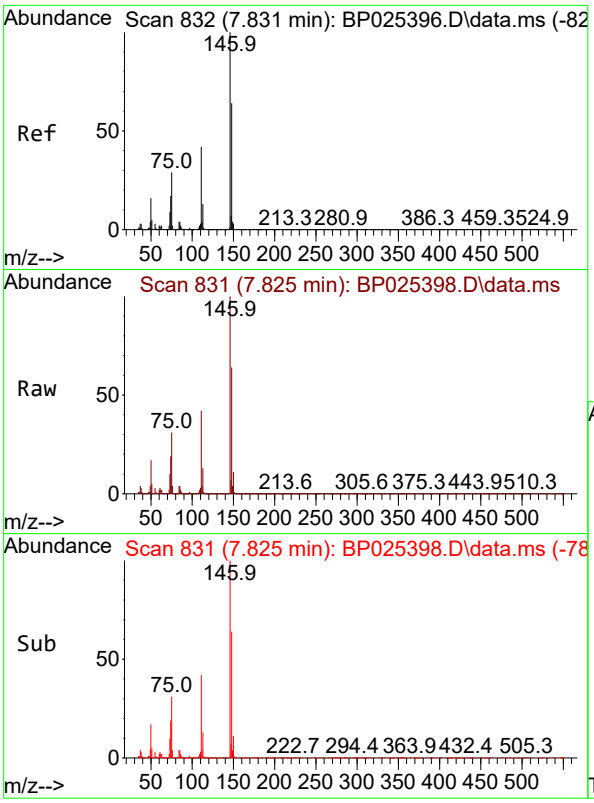


#12
1,3-Dichlorobenzene
Concen: 61.273 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:146 Resp: 744884

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
75	28.2	23.7	35.5



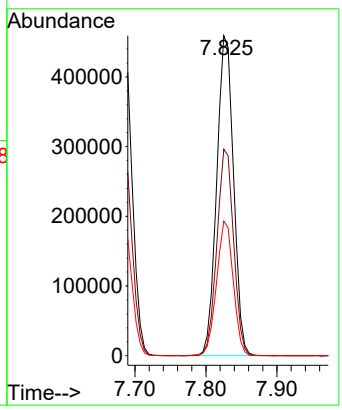


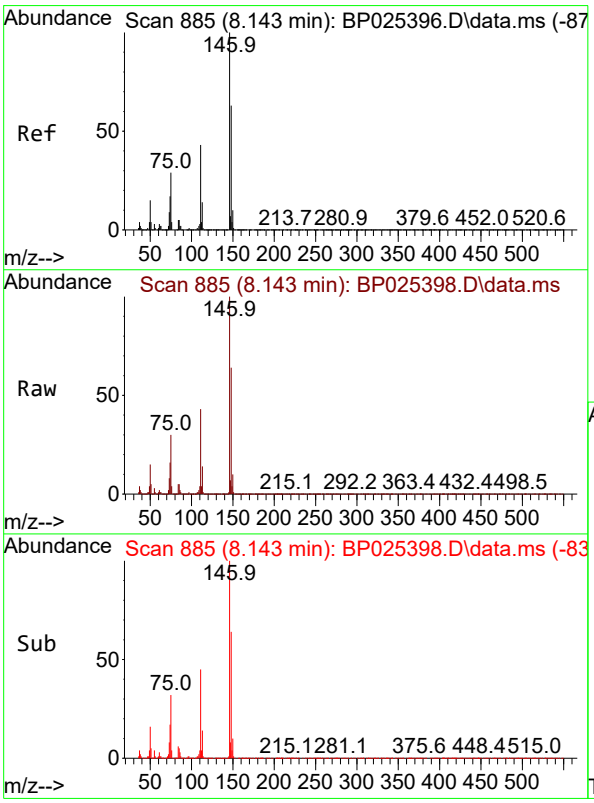
#13
1,4-Dichlorobenzene
Concen: 60.469 ng
RT: 7.825 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 751354

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.6	77.4
111	42.0	33.4	50.0

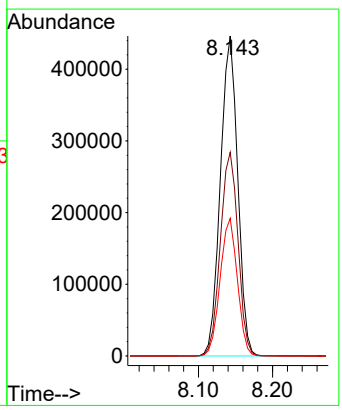


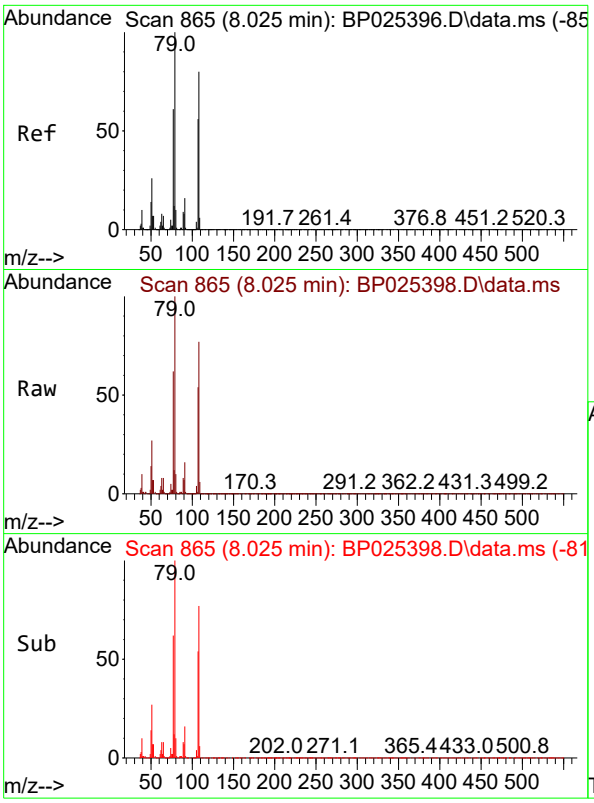


#14
1,2-Dichlorobenzene
Concen: 60.165 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:146 Resp: 723663

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.4	75.6
111	43.0	34.5	51.7



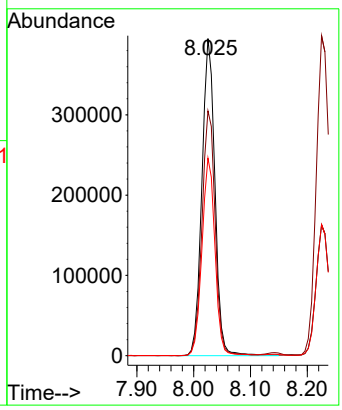


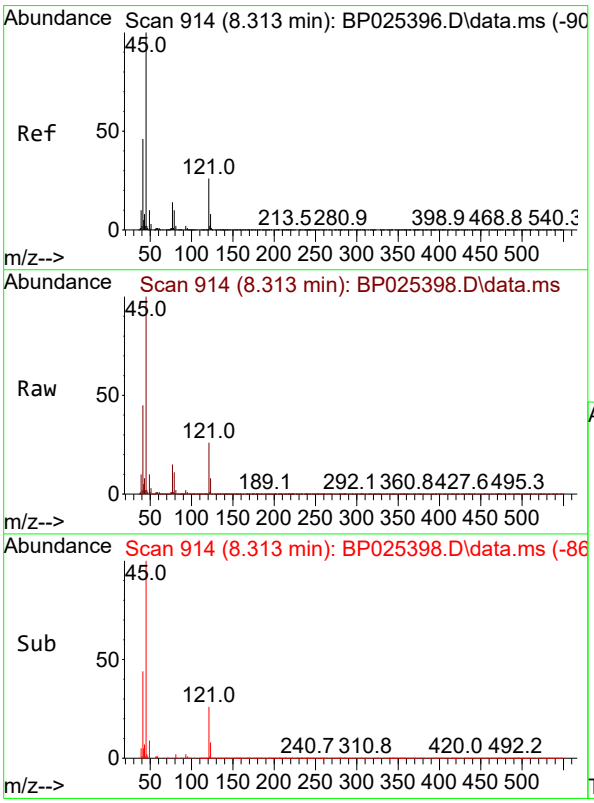
#15
Benzyl Alcohol
Concen: 63.019 ng
RT: 8.025 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 627198

Ion	Ratio	Lower	Upper
79	100		
108	77.2	63.8	95.6
77	62.3	49.0	73.4

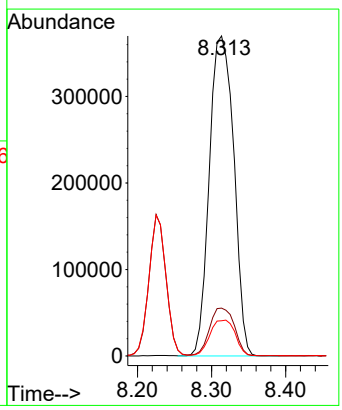


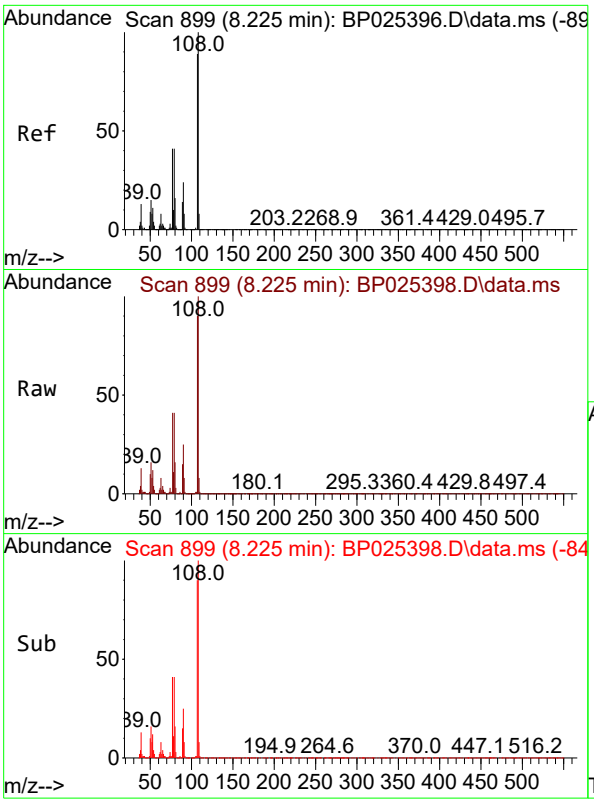


#16
2,2'-oxybis(1-Chloropropane)
Concen: 61.712 ng
RT: 8.313 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 45 Resp: 846896

Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	35.3
79	11.0	0.0	31.8



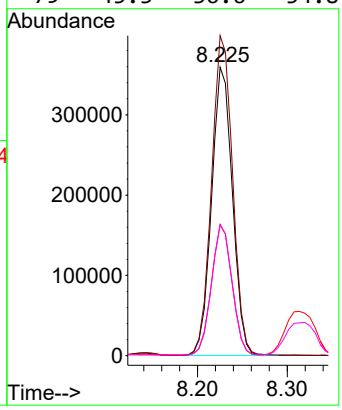


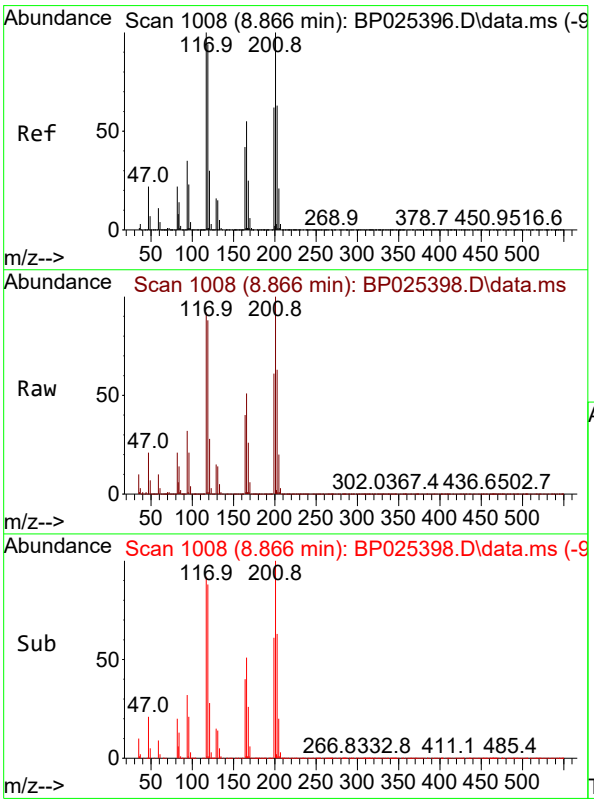
#17
2-Methylphenol
Concen: 63.480 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 579471

Ion	Ratio	Lower	Upper
107	100		
108	110.9	89.4	134.0
77	45.5	36.3	54.5
79	45.3	36.6	54.8

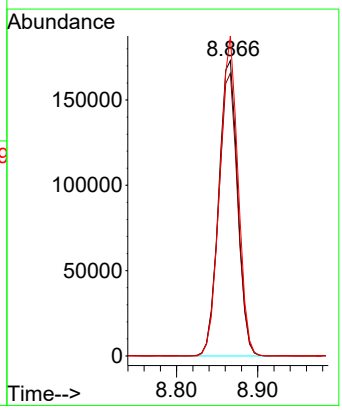


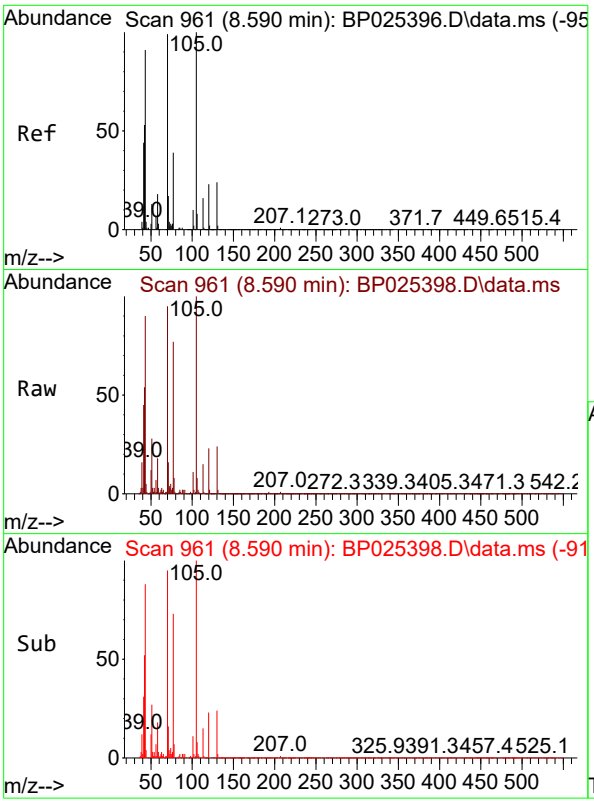


#18
Hexachloroethane
Concen: 61.535 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:117 Resp: 281129

Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.1	112.7
201	108.4	80.1	120.1



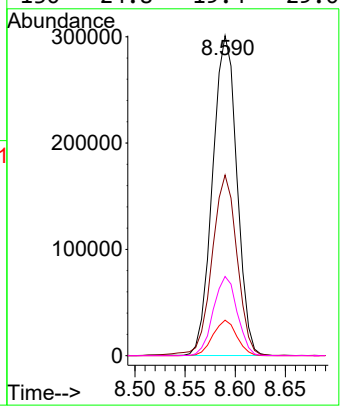


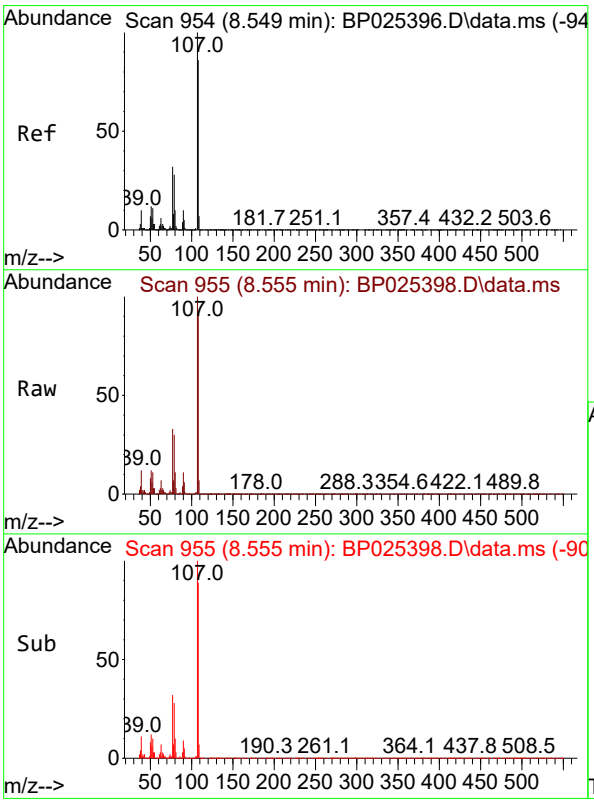
#19
n-Nitroso-di-n-propylamine
Concen: 61.060 ng
RT: 8.590 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 507223

Ion	Ratio	Lower	Upper
70	100		
42	56.5	43.8	65.6
101	11.1	8.5	12.7
130	24.8	19.4	29.0

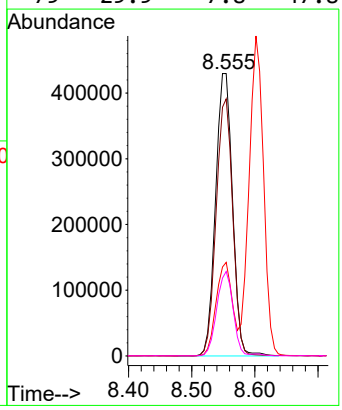


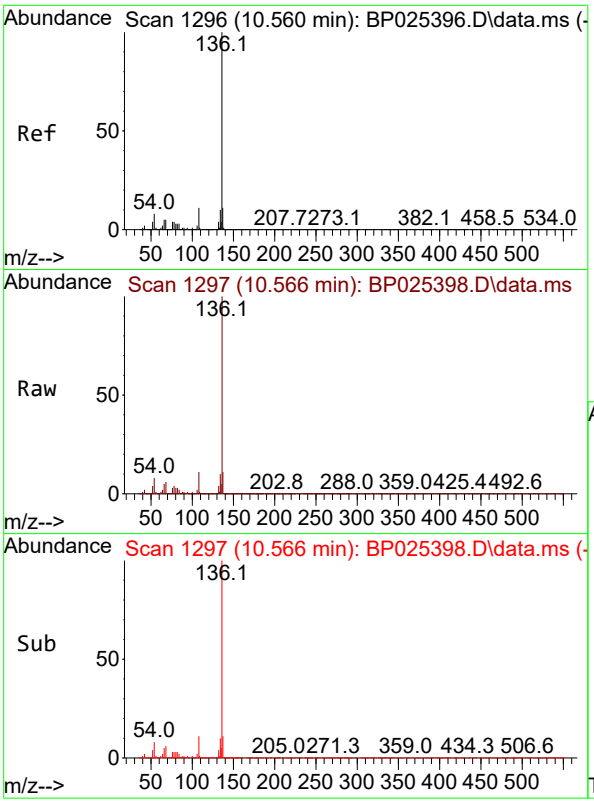


#20
3+4-Methylphenols
Concen: 63.075 ng
RT: 8.555 min Scan# 955
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:107 Resp: 798107

Ion	Ratio	Lower	Upper
107	100		
108	91.0	66.3	106.3
77	33.1	12.3	52.3
79	29.9	7.8	47.8



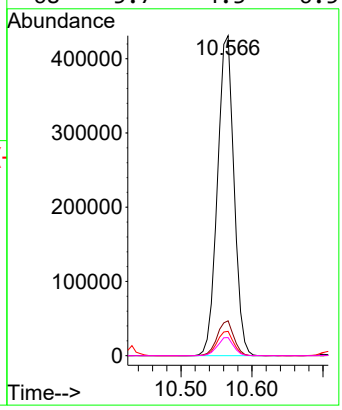


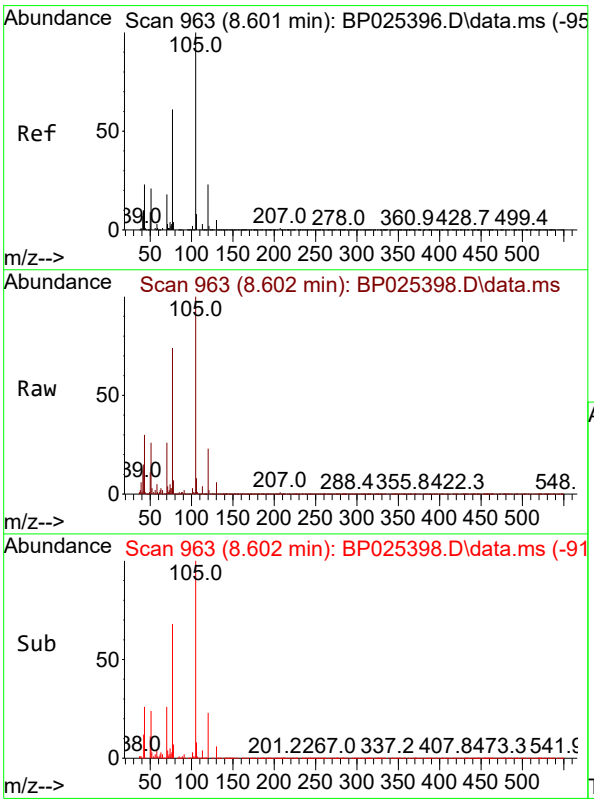
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 693237

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.6	6.0	9.0
68	5.7	4.3	6.5

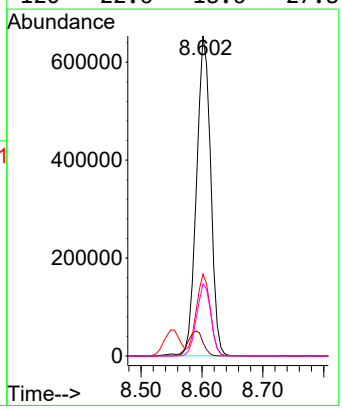


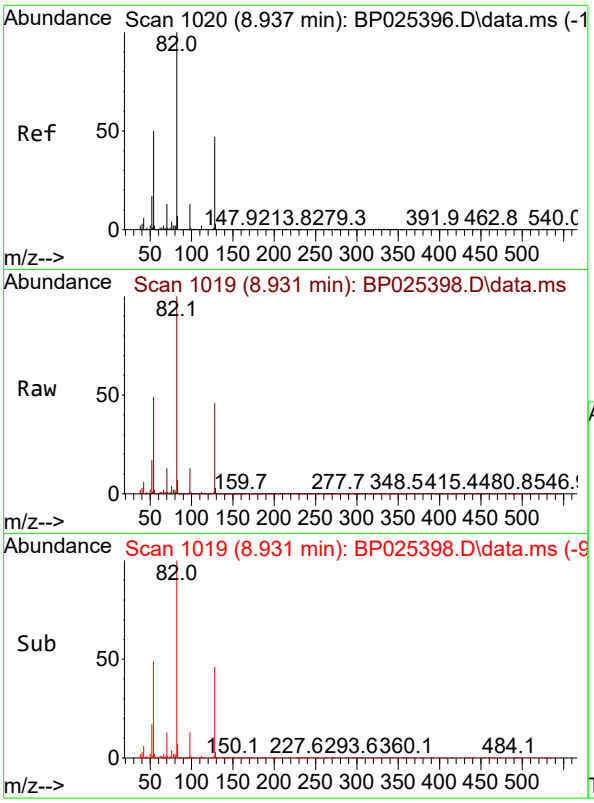


#22
Acetophenone
Concen: 60.503 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:105 Resp: 1051848

Ion	Ratio	Lower	Upper
105	100		
71	4.2	2.6	4.0#
51	25.5	20.6	30.8
120	22.6	18.6	27.8



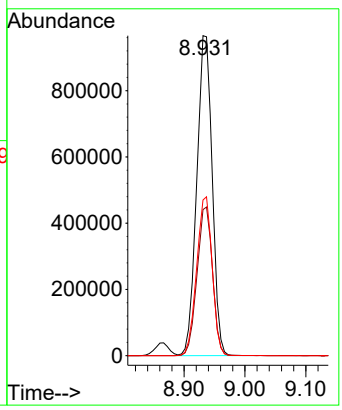


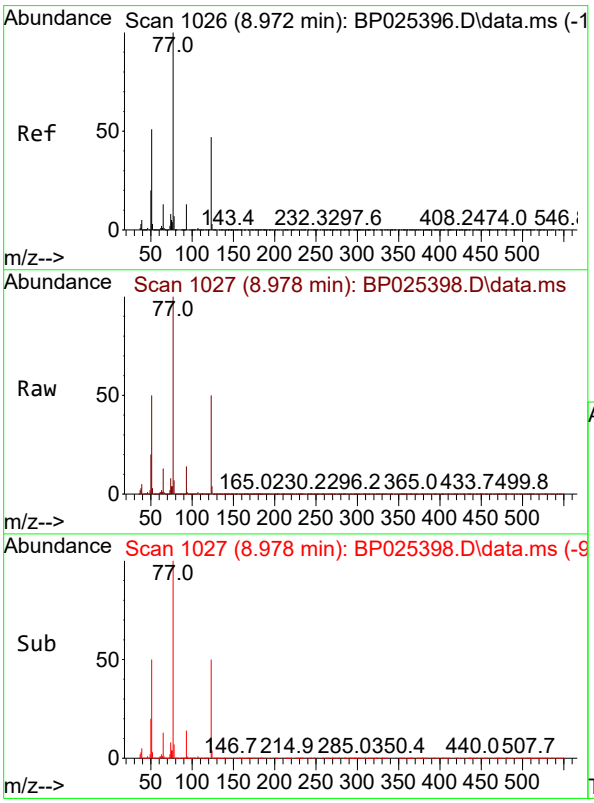
#23
Nitrobenzene-d5
Concen: 123.944 ng
RT: 8.931 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 1698557

Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.7	56.5
54	48.6	39.8	59.6

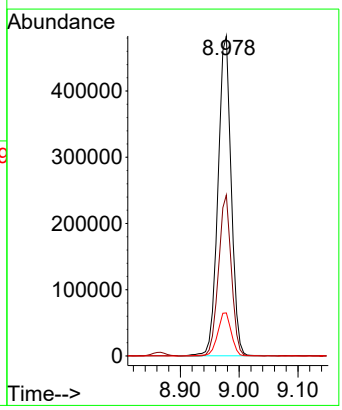


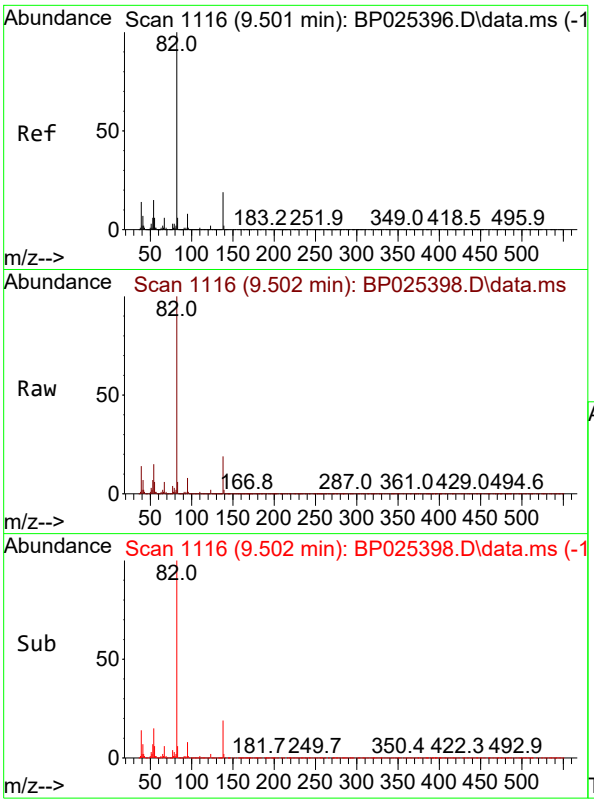


#24
Nitrobenzene
Concen: 61.461 ng
RT: 8.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 77 Resp: 752762

Ion	Ratio	Lower	Upper
77	100		
123	50.3	38.6	58.0
65	13.4	10.6	15.8



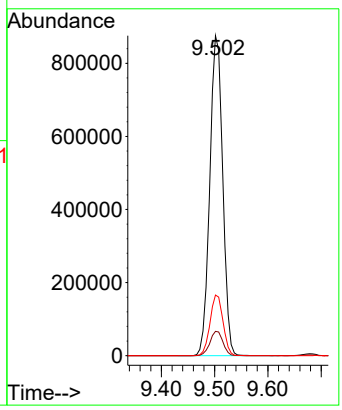


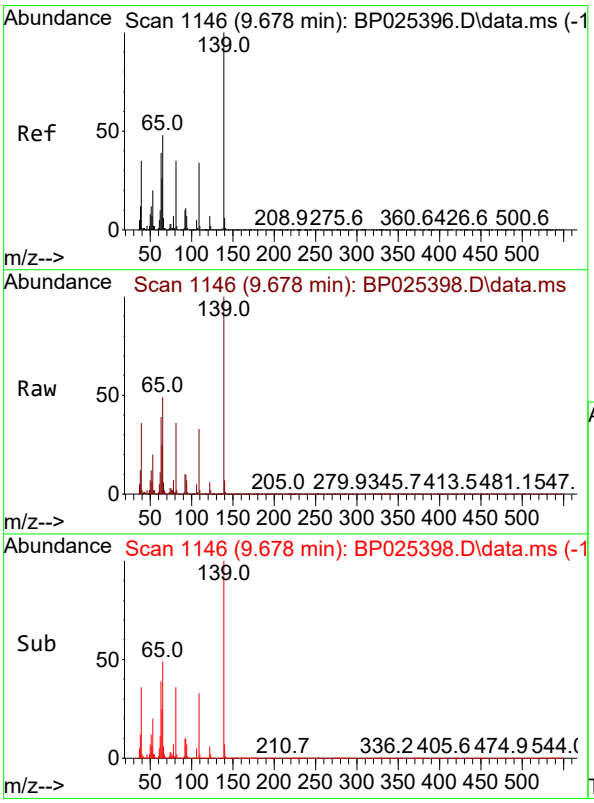
#25
Isophorone
Concen: 60.825 ng
RT: 9.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 1475193

Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.4	9.6
138	19.0	15.4	23.0

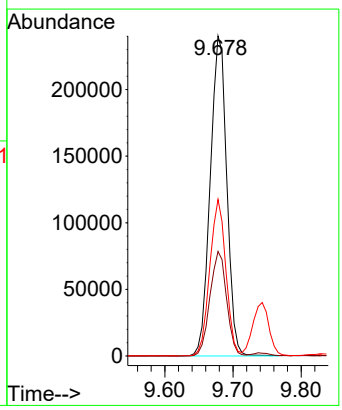


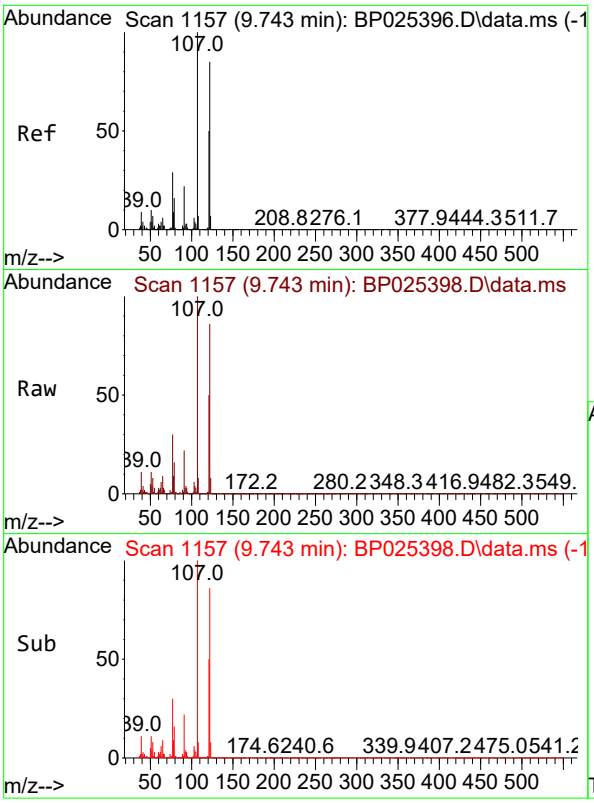


#26
2-Nitrophenol
Concen: 64.564 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:139 Resp: 405821

Ion	Ratio	Lower	Upper
139	100		
109	32.7	26.9	40.3
65	48.9	38.3	57.5



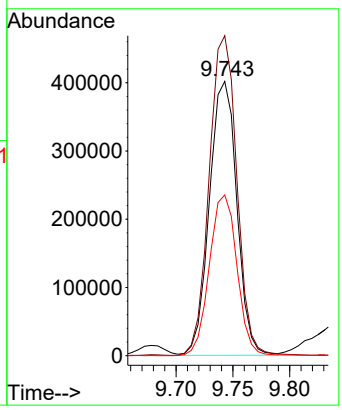


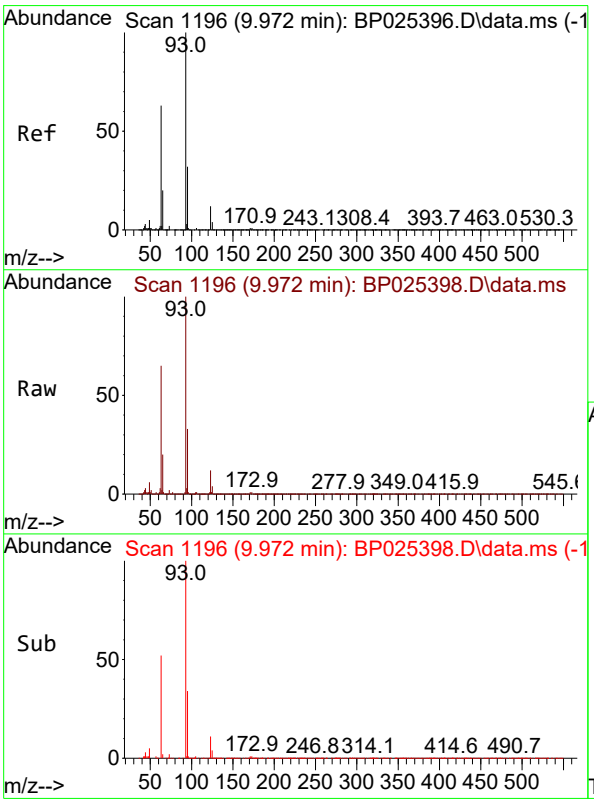
#27
2,4-Dimethylphenol
Concen: 62.463 ng
RT: 9.743 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 675186

Ion	Ratio	Lower	Upper
122	100		
107	116.7	93.7	140.5
121	58.6	46.6	69.8

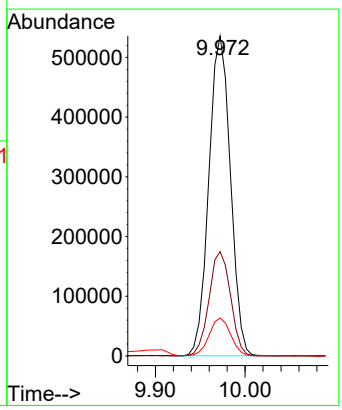


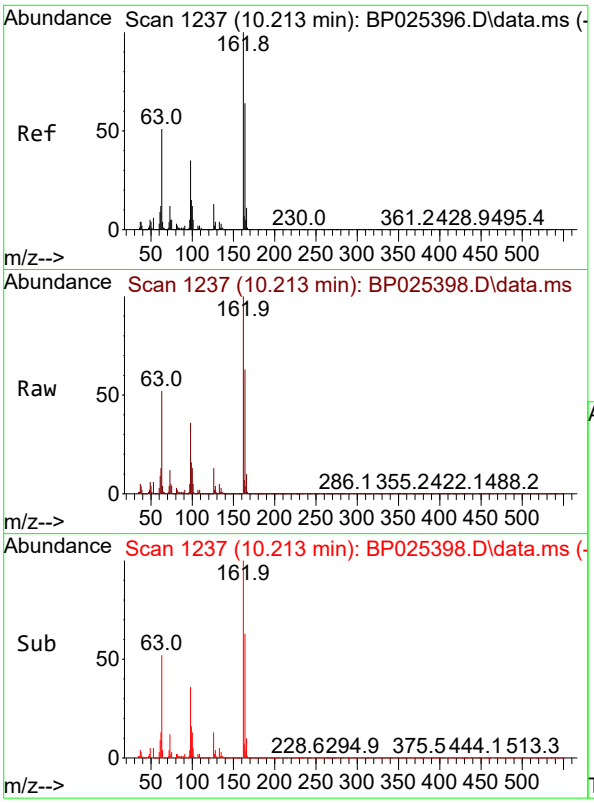


#28
bis(2-Chloroethoxy)methane
Concen: 61.040 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 93 Resp: 894872

Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.4	38.0
123	11.9	9.4	14.0



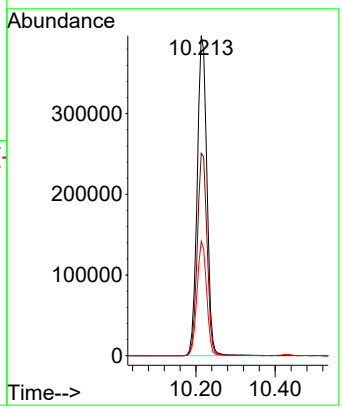


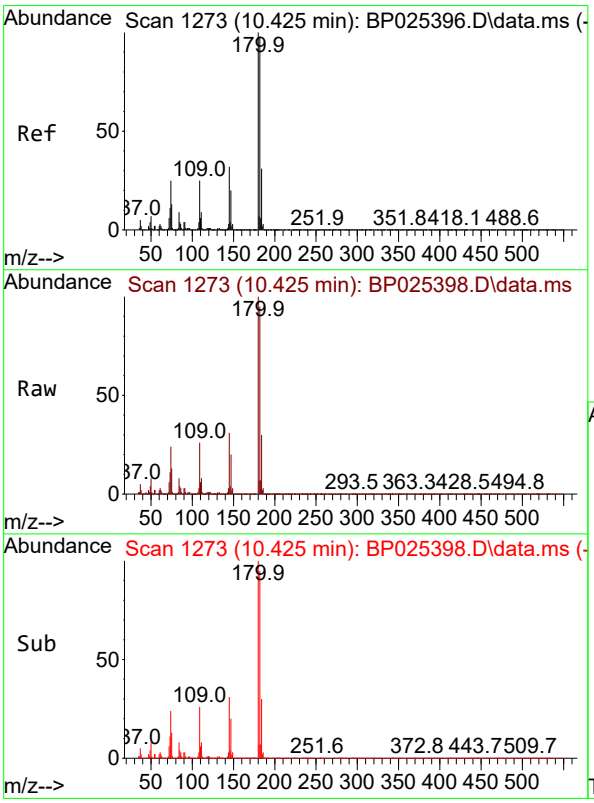
#29
2,4-Dichlorophenol
Concen: 62.764 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 673952

Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.4	84.4
98	35.8	14.9	54.9

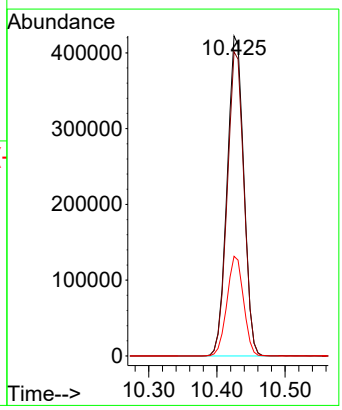


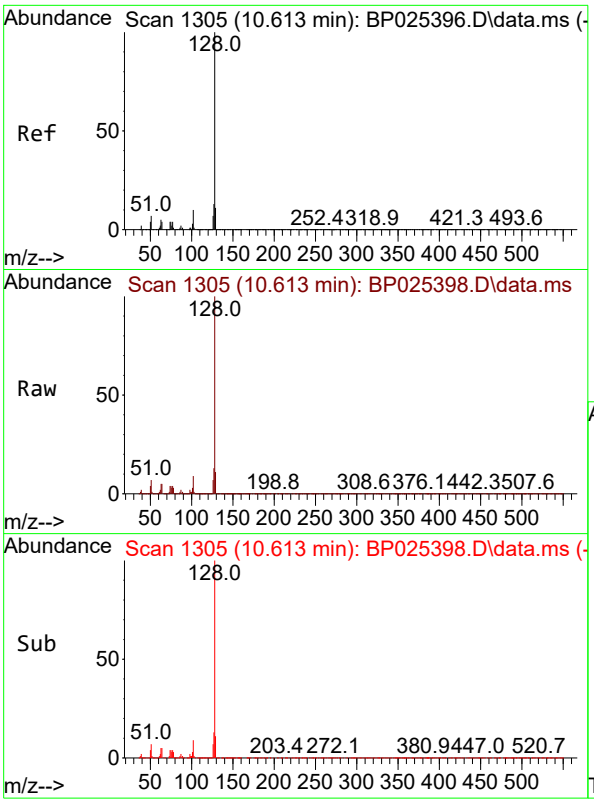


#30
1,2,4-Trichlorobenzene
Concen: 60.823 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:180 Resp: 715954

Ion	Ratio	Lower	Upper
180	100		
182	95.0	78.0	117.0
145	31.2	25.9	38.9



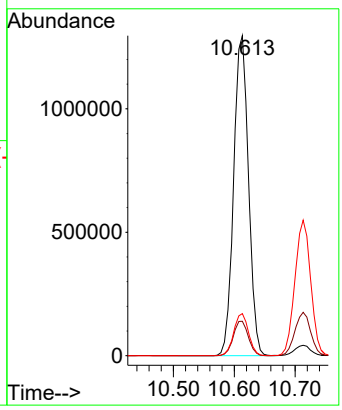


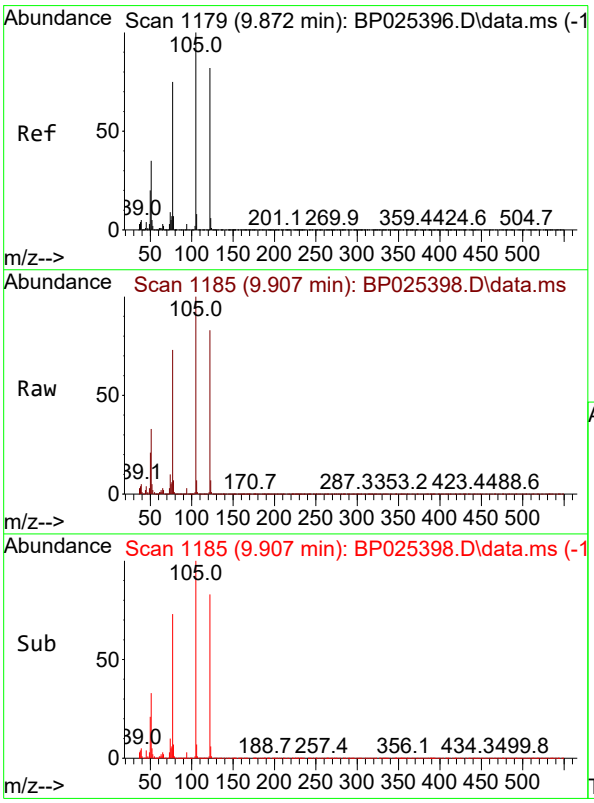
#31
Naphthalene
Concen: 60.722 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 2187912

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.2	10.7	16.1

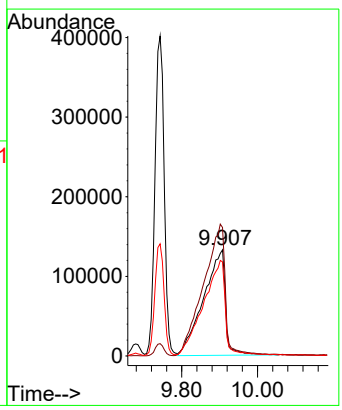


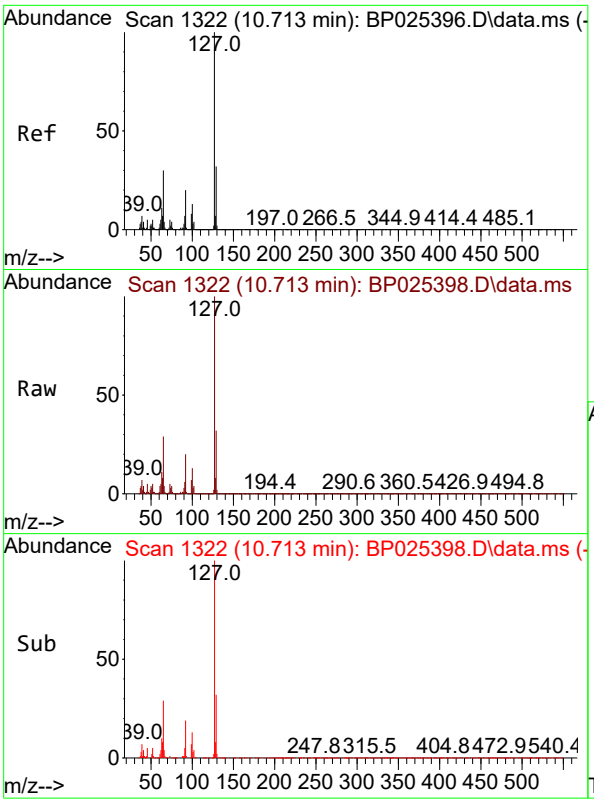


#32
Benzoic acid
Concen: 66.651 ng
RT: 9.907 min Scan# 1185
Delta R.T. 0.035 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:122 Resp: 530609

Ion	Ratio	Lower	Upper
122	100		
105	121.0	100.6	140.6
77	88.6	71.5	111.5



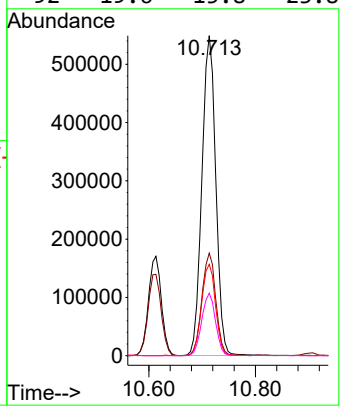


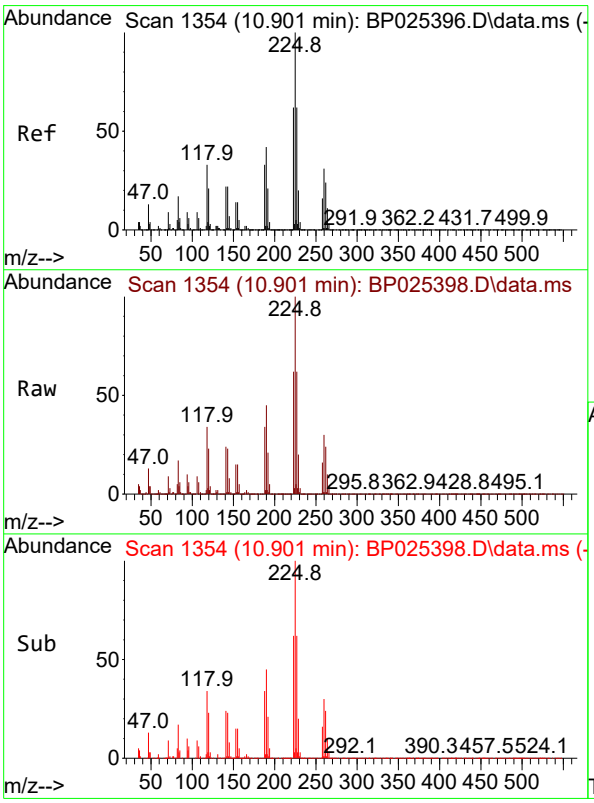
#33
4-Chloroaniline
Concen: 62.401 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 993155

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.4	38.2
65	28.5	23.8	35.6
92	19.6	15.8	23.8

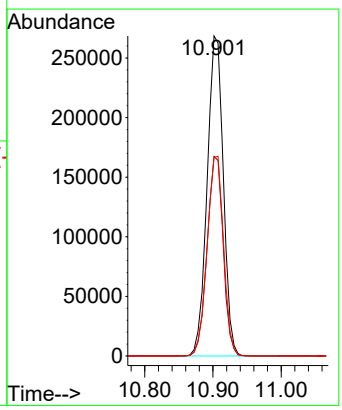


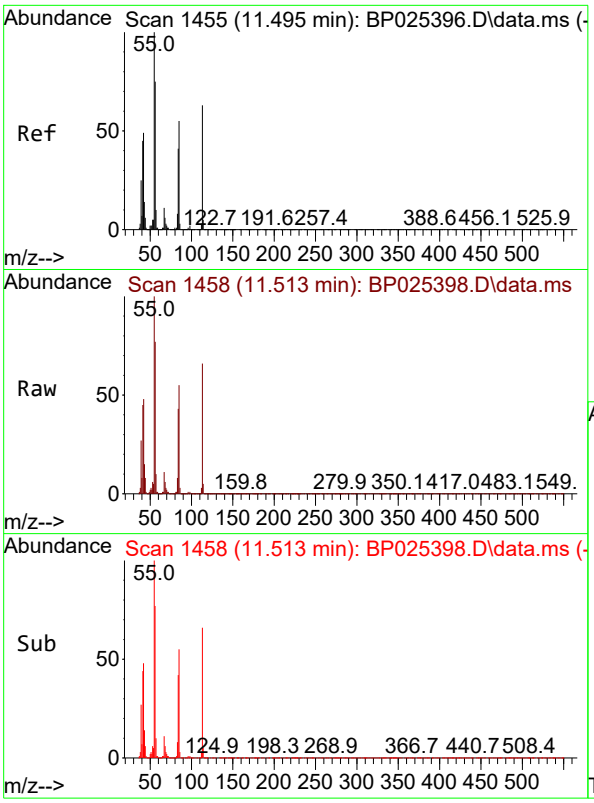


#34
Hexachlorobutadiene
Concen: 60.421 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:225 Resp: 442929

Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.0	75.0
227	62.1	49.7	74.5



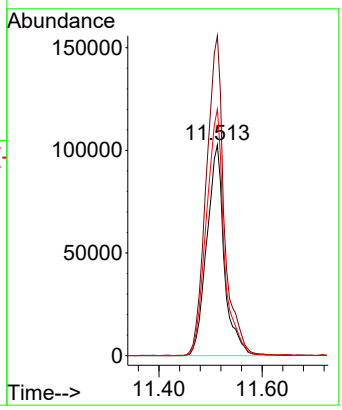


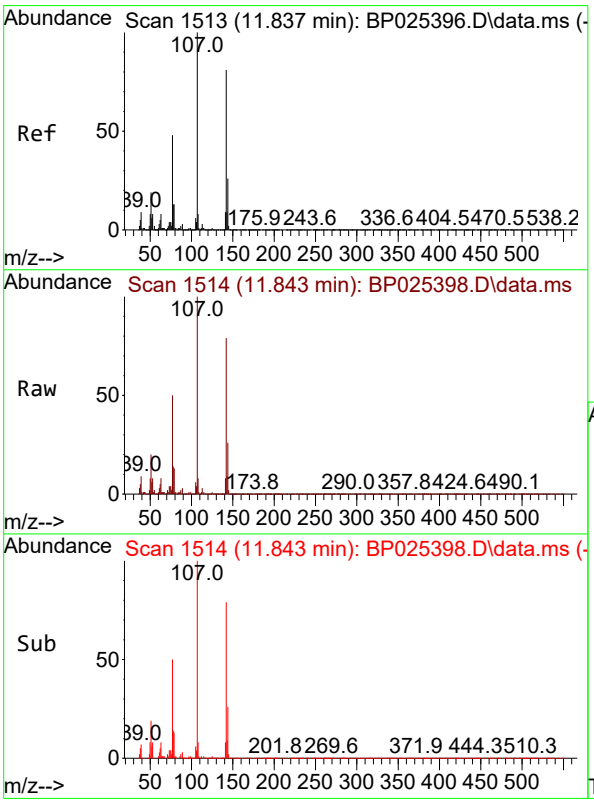
#35
Caprolactam
Concen: 61.340 ng
RT: 11.513 min Scan# 14
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 241521

Ion	Ratio	Lower	Upper
113	100		
55	151.8	140.0	180.0
56	117.0	100.0	140.0

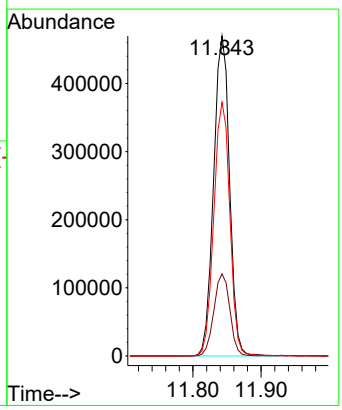


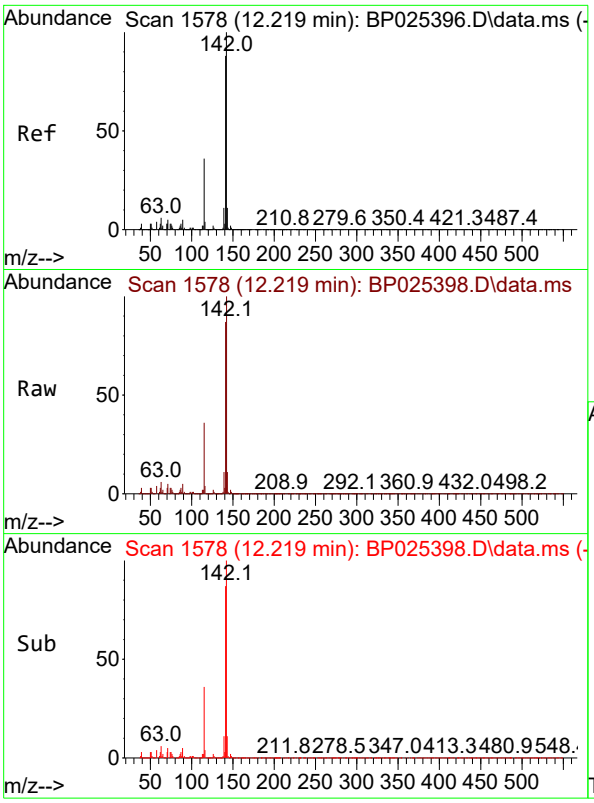


#36
4-Chloro-3-methylphenol
Concen: 62.033 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:107 Resp: 764338

Ion	Ratio	Lower	Upper
107	100		
144	25.7	21.0	31.4
142	79.2	64.6	97.0



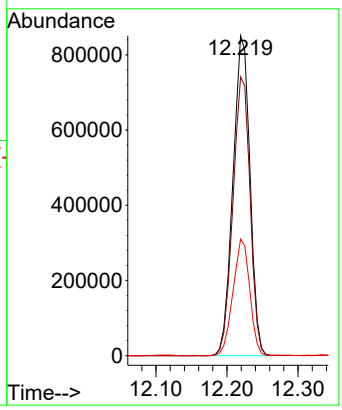


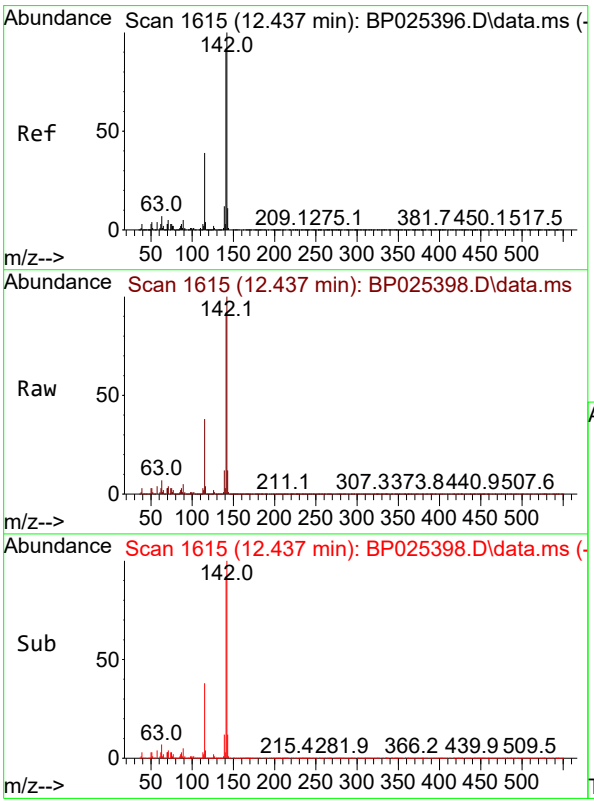
#37
2-Methylnaphthalene
Concen: 60.511 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 1418882

Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.3	105.5
115	36.5	28.9	43.3

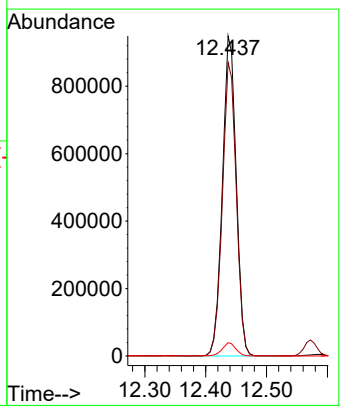


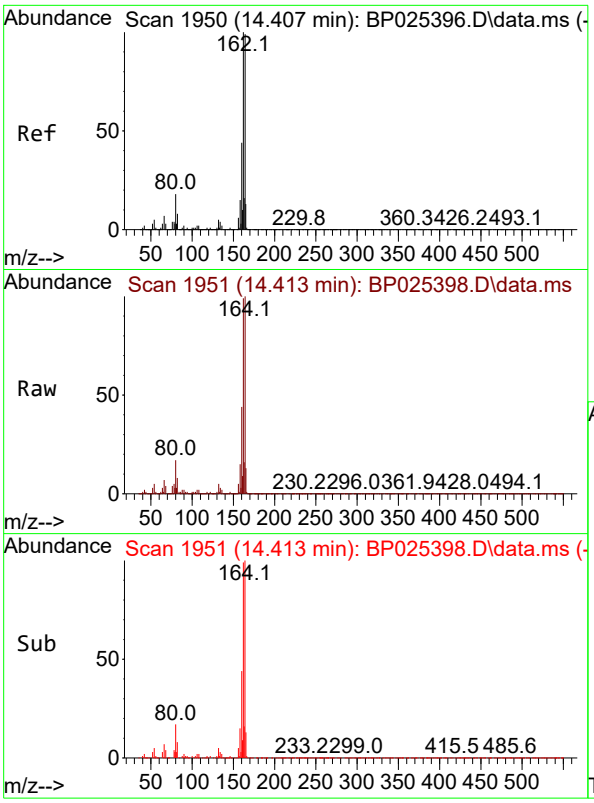


#38
1-Methylnaphthalene
Concen: 59.925 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:142 Resp: 1494304

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.1	109.7
116	4.1	3.2	4.8



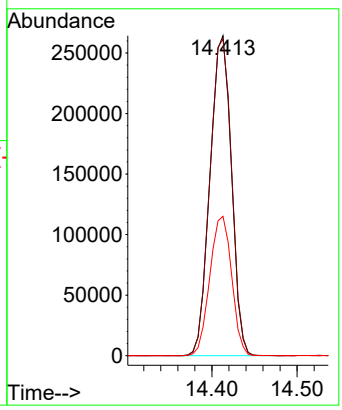


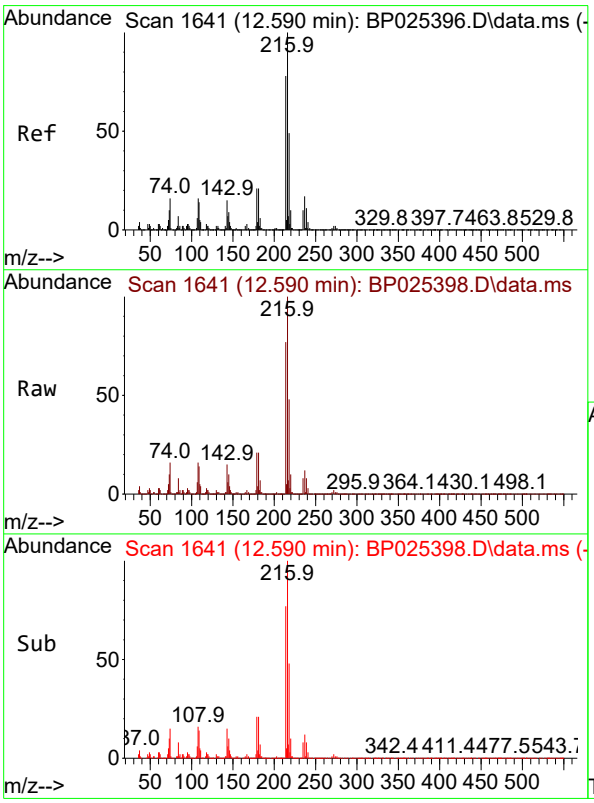
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 460439

Ion	Ratio	Lower	Upper
164	100		
162	99.0	81.0	121.6
160	43.6	35.4	53.2

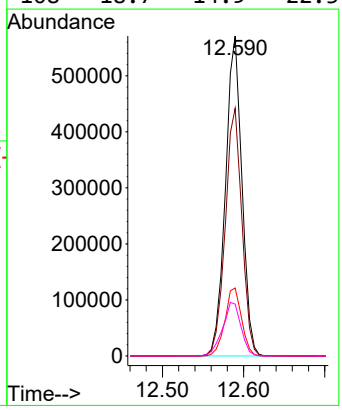


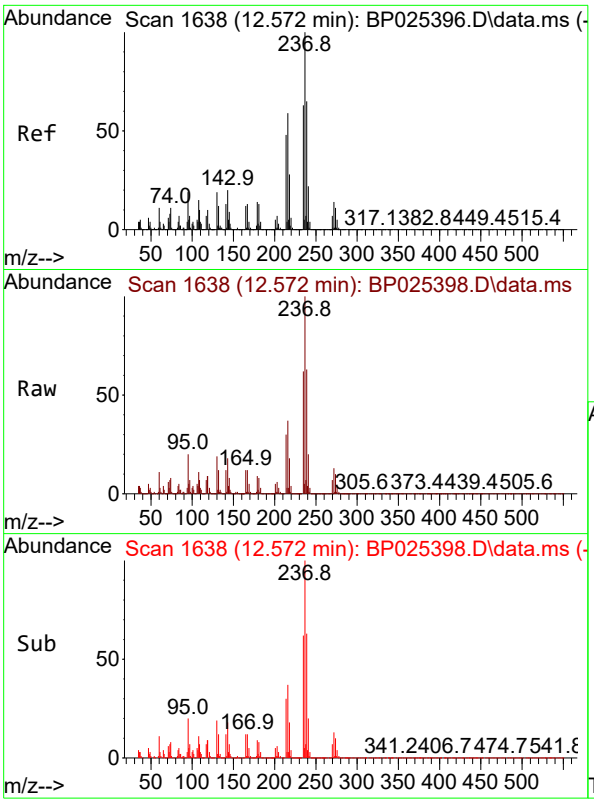


#40
1,2,4,5-Tetrachlorobenzene
Concen: 60.365 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:216 Resp: 802737

Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.4
179	21.6	17.1	25.7
108	18.7	14.9	22.3



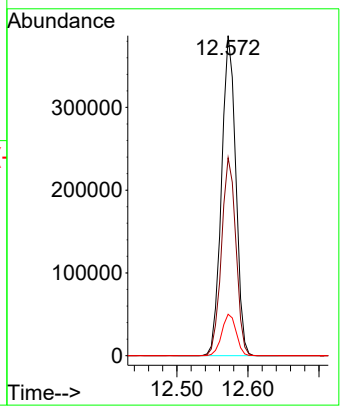


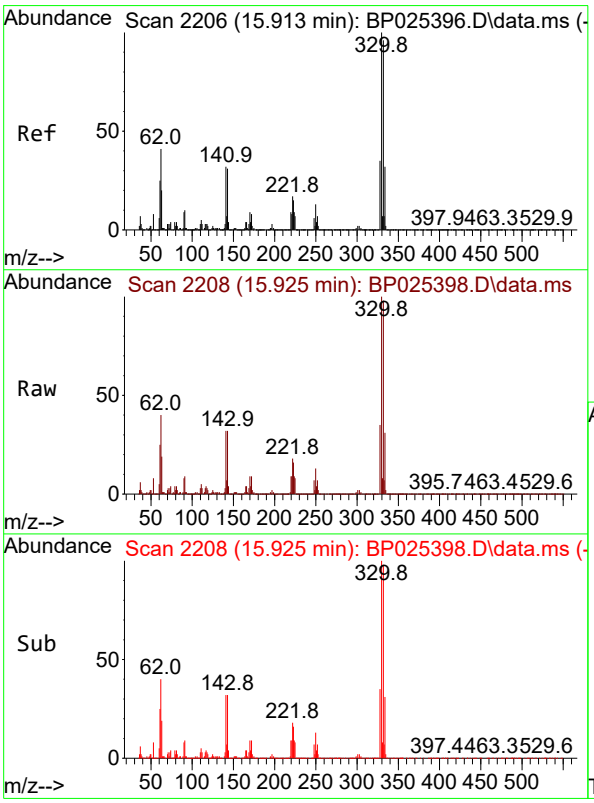
#41
Hexachlorocyclopentadiene
Concen: 66.784 ng
RT: 12.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 536440

Ion	Ratio	Lower	Upper
237	100		
235	61.9	42.7	82.7
272	13.0	0.0	34.0

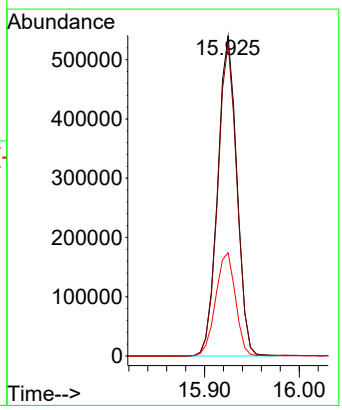


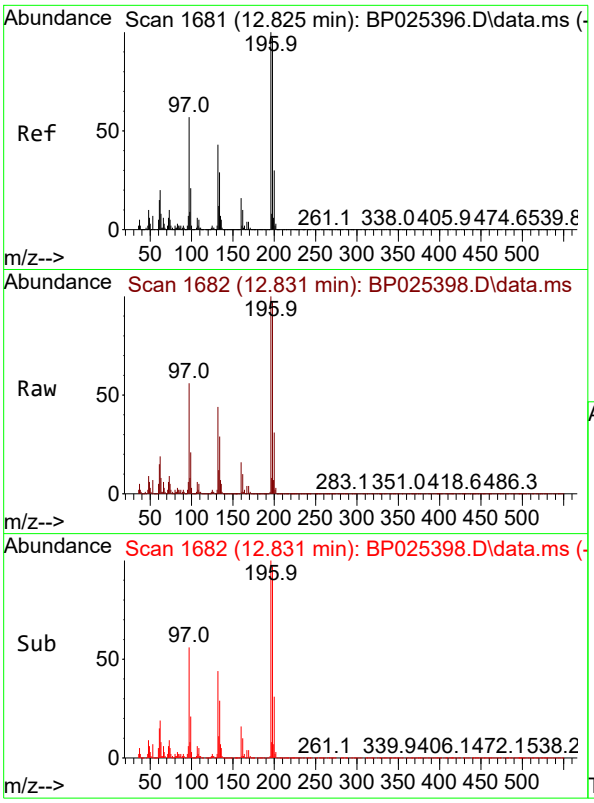


#42
2,4,6-Tribromophenol
Concen: 122.748 ng
RT: 15.925 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:330 Resp: 760738

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.3	115.9
141	33.3	26.6	39.8



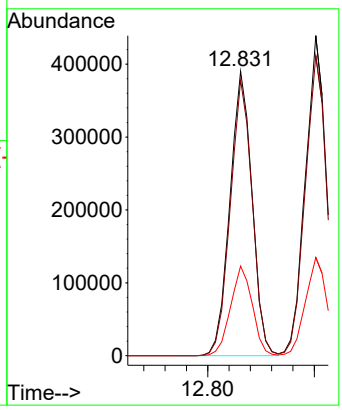


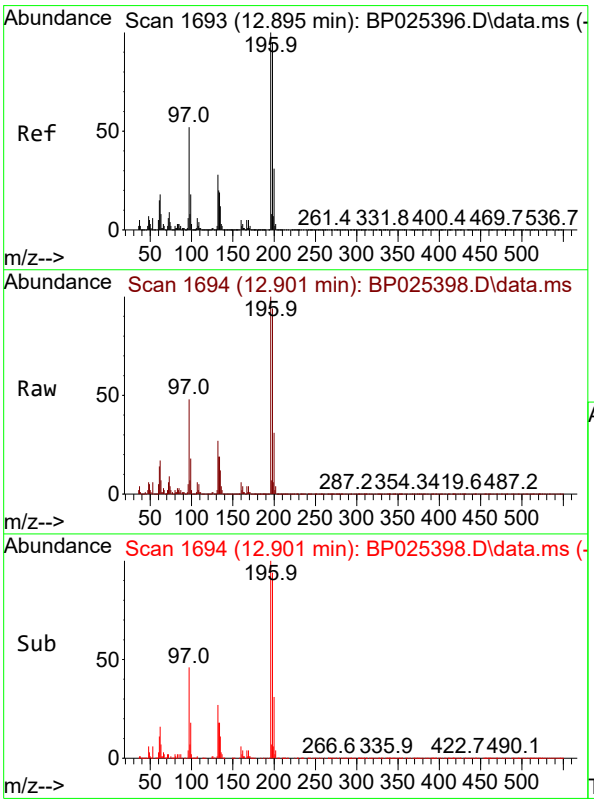
#43
2,4,6-Trichlorophenol
Concen: 62.841 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 564165

Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.2	115.8
200	31.5	23.9	35.9

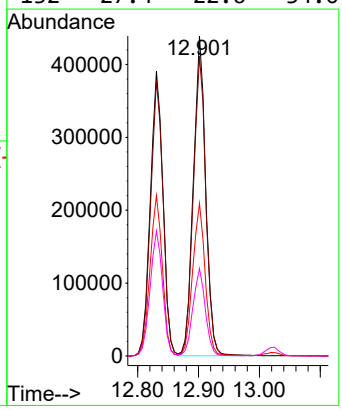


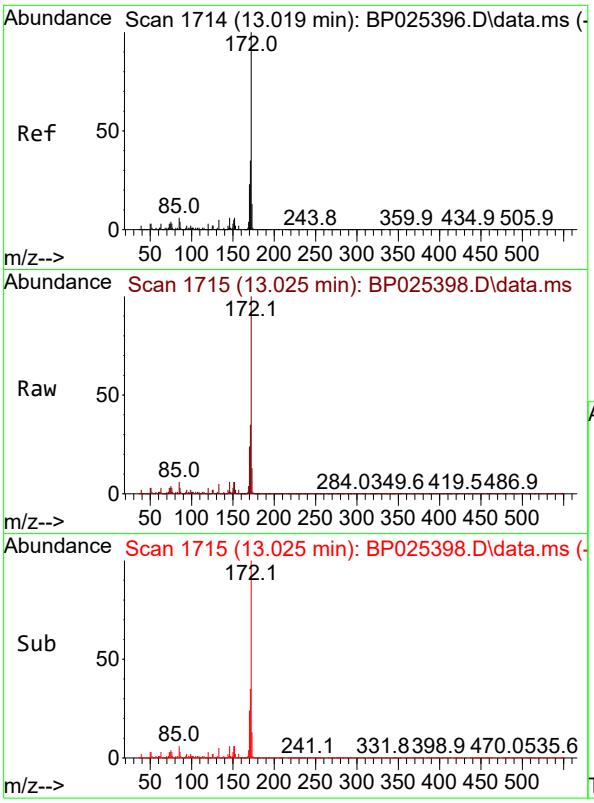


#44
2,4,5-Trichlorophenol
Concen: 62.937 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:196 Resp: 619246

Ion	Ratio	Lower	Upper
196	100		
198	93.8	76.2	114.2
97	47.7	41.2	61.8
132	27.4	22.6	34.0



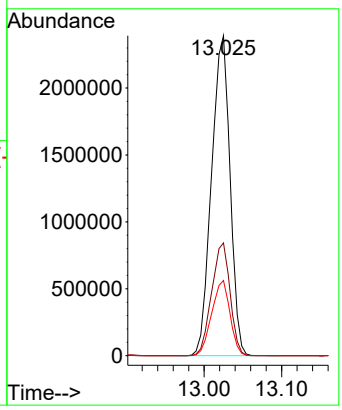


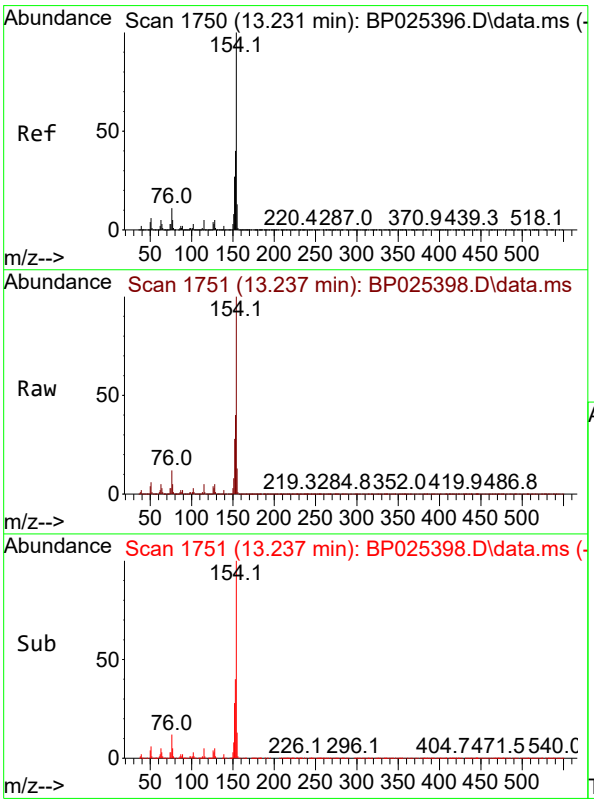
#45
2-Fluorobiphenyl
Concen: 117.656 ng
RT: 13.025 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 3963871

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.1	42.1
170	23.5	18.6	28.0

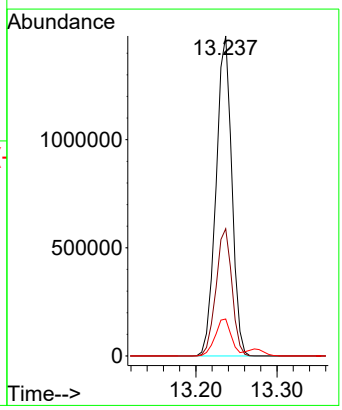


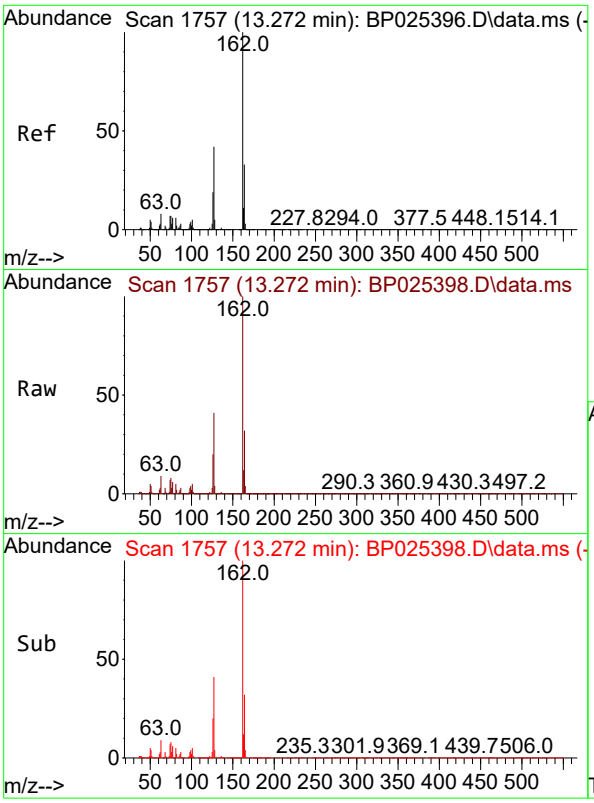


#46
1,1'-Biphenyl
Concen: 59.695 ng
RT: 13.237 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:154 Resp: 1996186

Ion	Ratio	Lower	Upper
154	100		
153	39.8	19.5	59.5
76	11.6	0.0	31.1



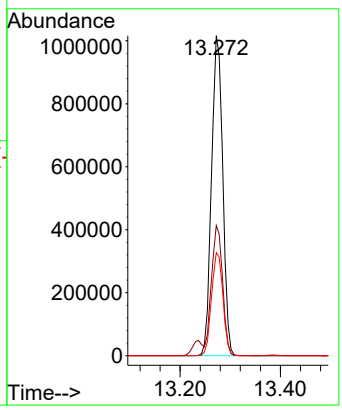


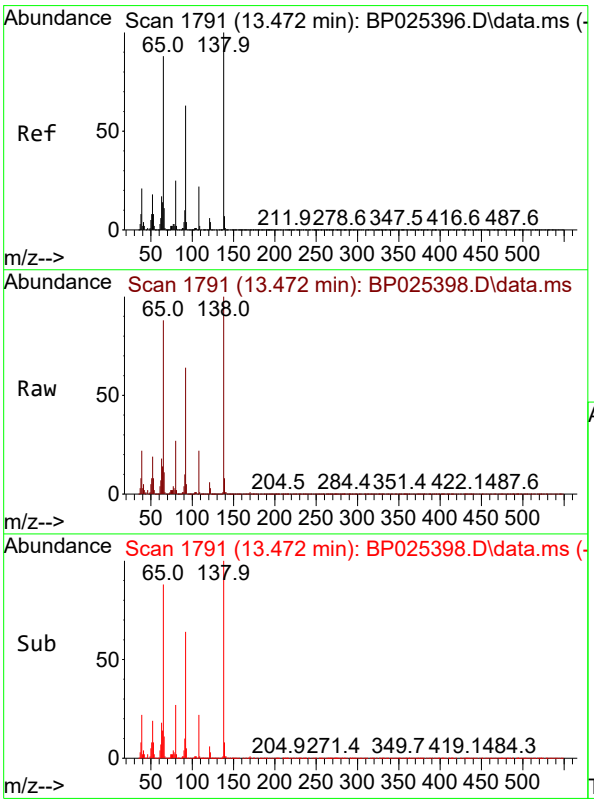
#47
2-Chloronaphthalene
Concen: 60.600 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 1577577

Ion	Ratio	Lower	Upper
162	100		
127	40.7	33.4	50.2
164	32.2	26.2	39.2

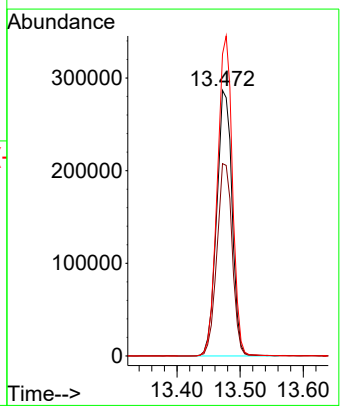


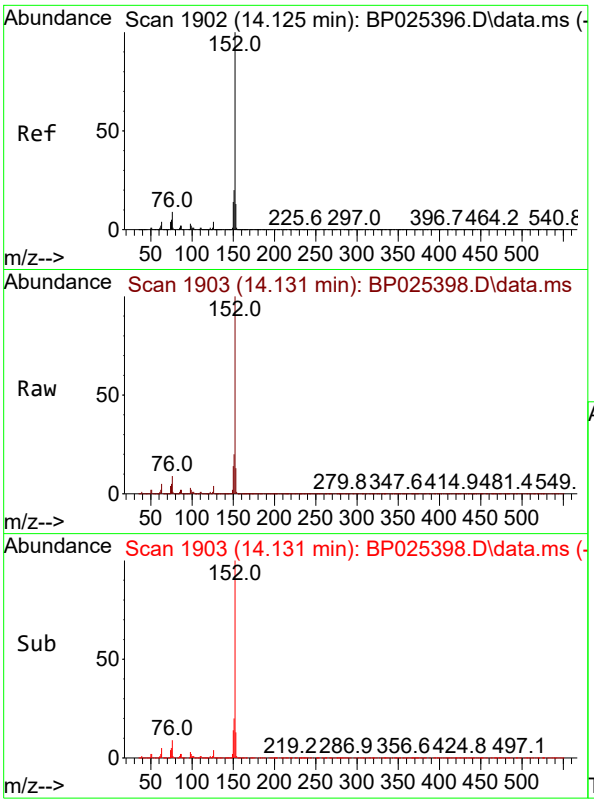


#48
2-Nitroaniline
Concen: 63.996 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 65 Resp: 485429

Ion	Ratio	Lower	Upper
65	100		
92	72.4	57.6	86.4
138	113.7	91.0	136.6



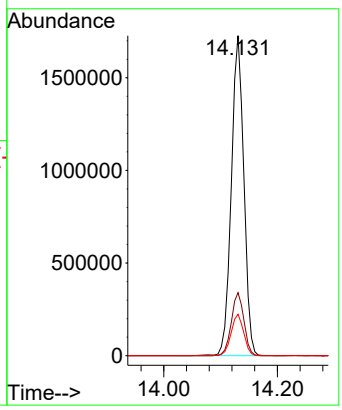


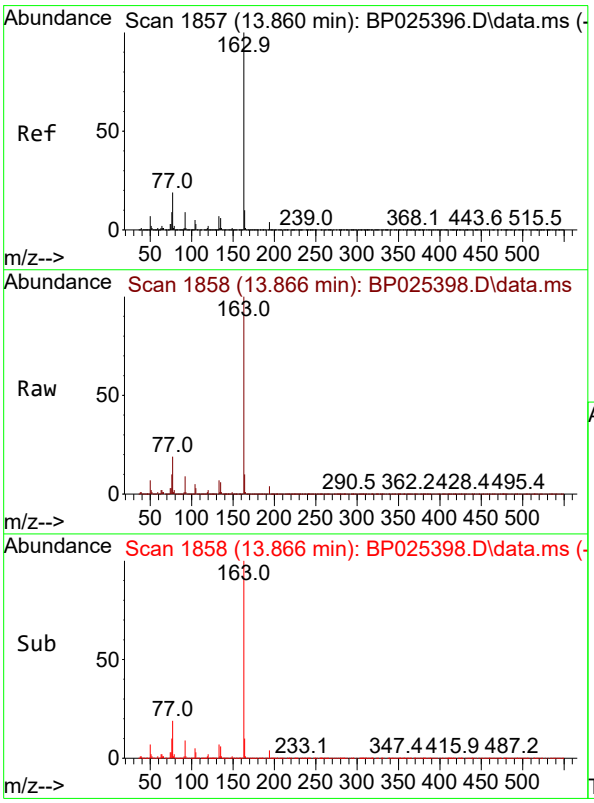
#49
Acenaphthylene
Concen: 61.147 ng
RT: 14.131 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 2634005

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	13.0	10.6	15.8

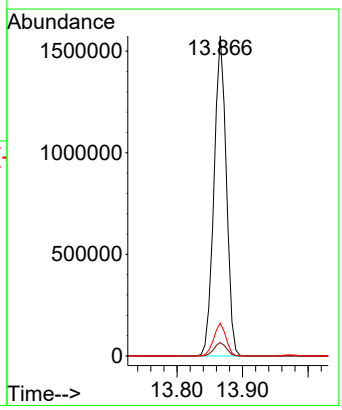


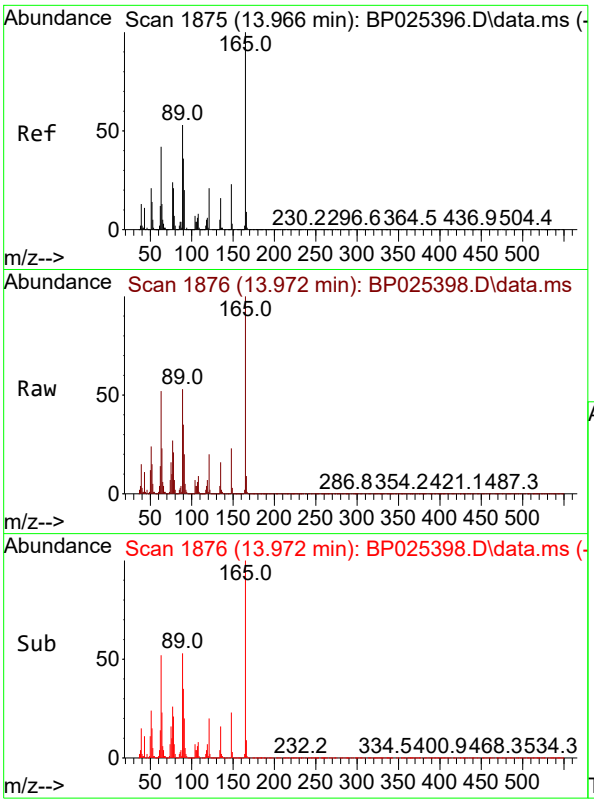


#50
Dimethylphthalate
Concen: 60.572 ng
RT: 13.866 min Scan# 1858
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:163 Resp: 2042324

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.3	7.9	11.9



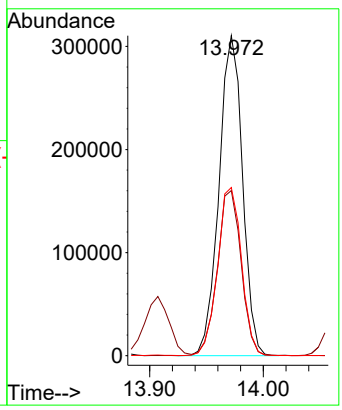


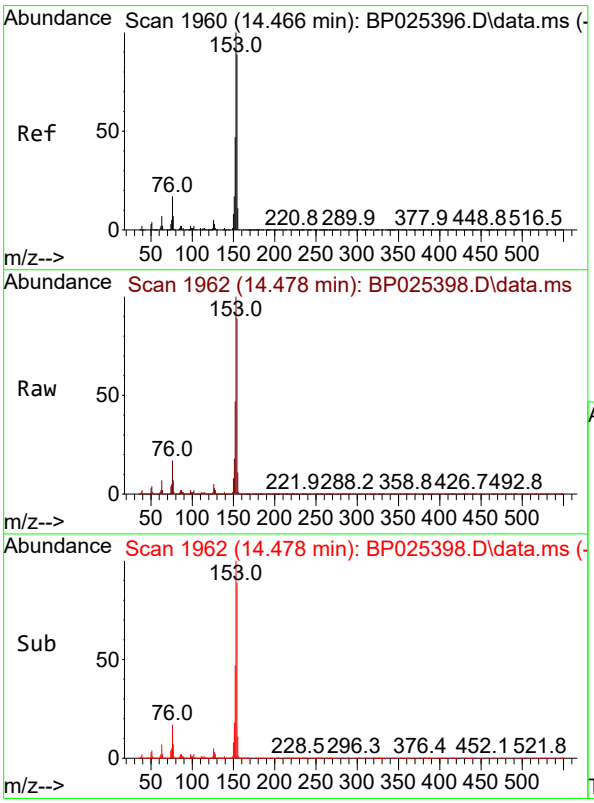
#51
2,6-Dinitrotoluene
Concen: 62.831 ng
RT: 13.972 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 446520

Ion	Ratio	Lower	Upper
165	100		
63	51.6	40.9	61.3
89	52.5	42.1	63.1

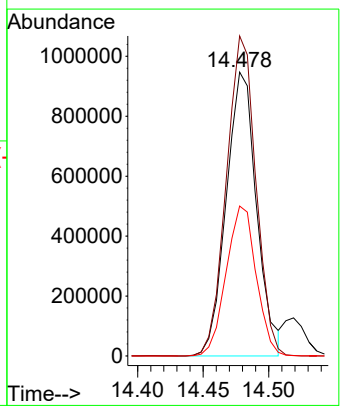


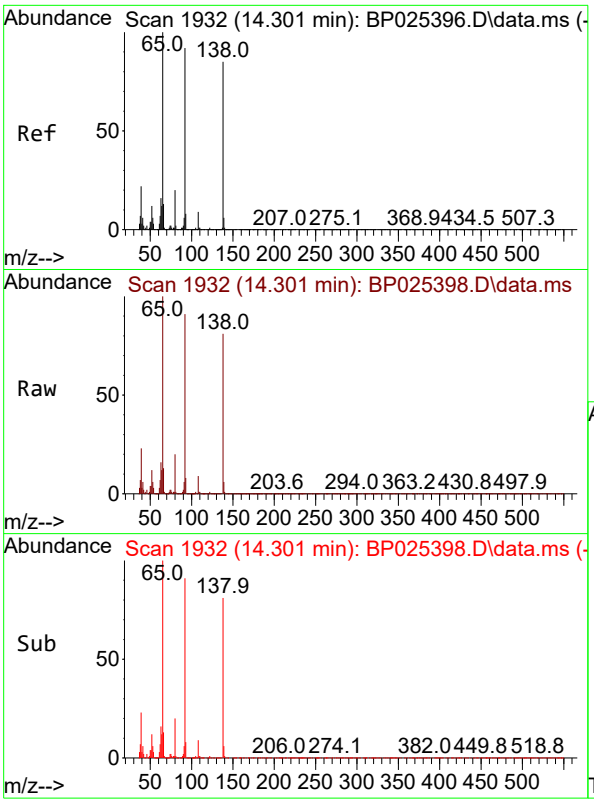


#52
Acenaphthene
Concen: 60.399 ng
RT: 14.478 min Scan# 1962
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:154 Resp: 1527191

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.2	135.2
152	52.8	42.1	63.1



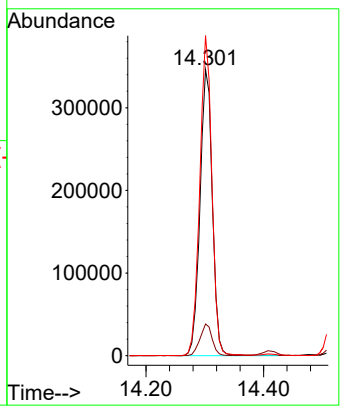


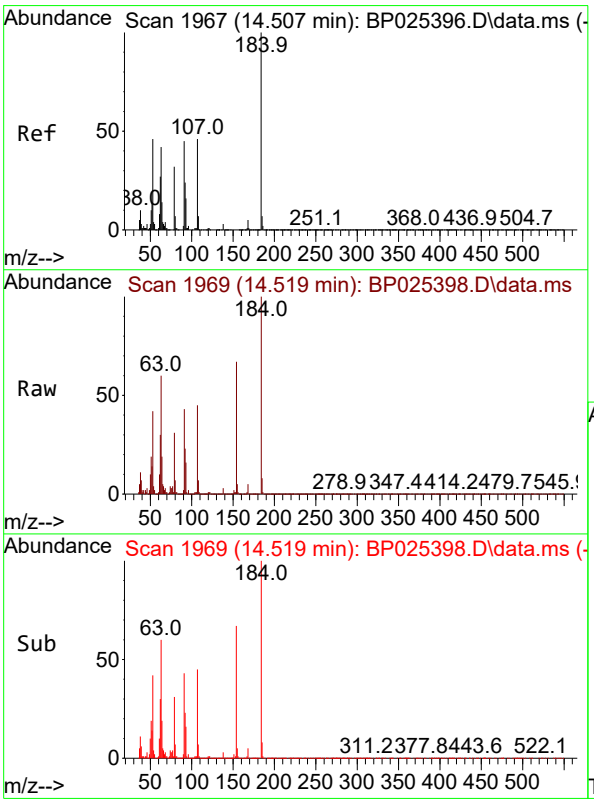
#53
3-Nitroaniline
Concen: 63.331 ng
RT: 14.301 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 506373

Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.3	12.5
92	111.9	86.2	129.2

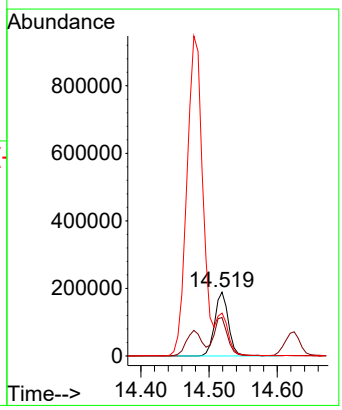


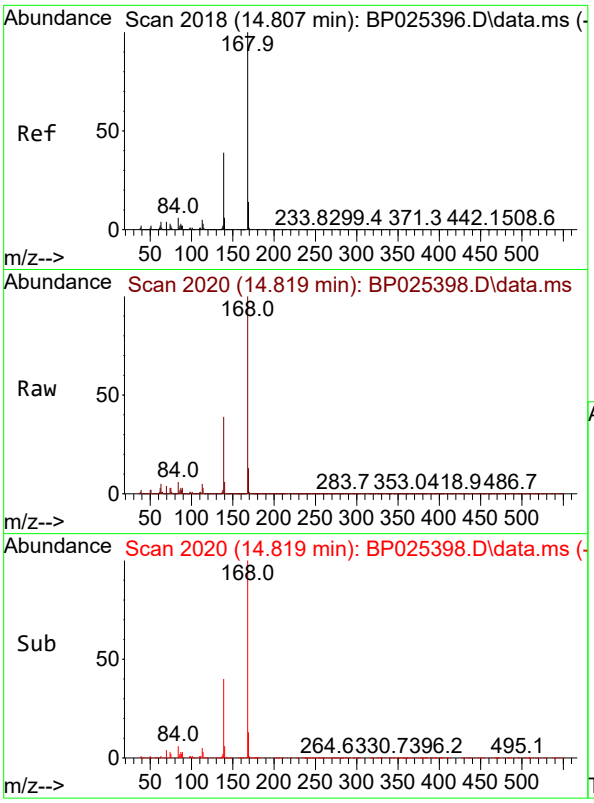


#54
2,4-Dinitrophenol
Concen: 69.849 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:184 Resp: 265089

Ion	Ratio	Lower	Upper
184	100		
63	60.1	49.4	74.2
154	67.3	54.6	82.0



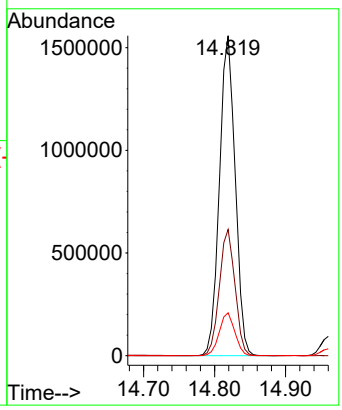


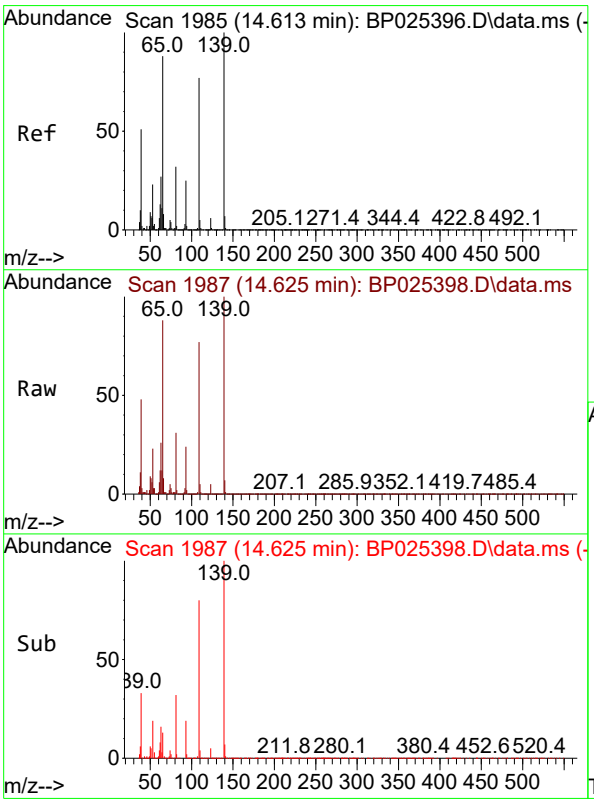
#55
Dibenzofuran
Concen: 59.734 ng
RT: 14.819 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 2387933

Ion	Ratio	Lower	Upper
168	100		
139	39.5	31.5	47.3
169	13.4	10.9	16.3

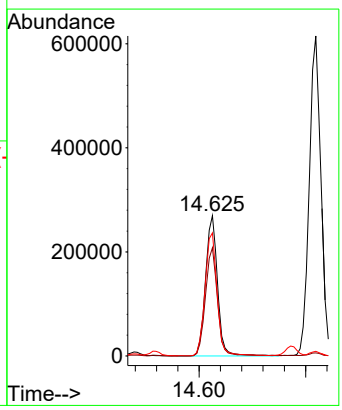


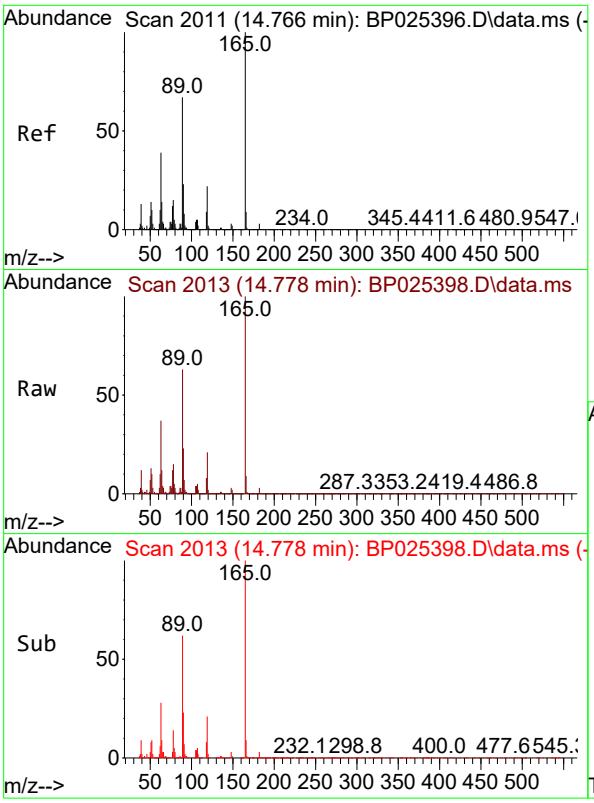


#56
4-Nitrophenol
Concen: 63.893 ng
RT: 14.625 min Scan# 1987
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:139 Resp: 419801

Ion	Ratio	Lower	Upper
139	100		
109	77.0	56.6	96.6
65	87.6	68.2	108.2



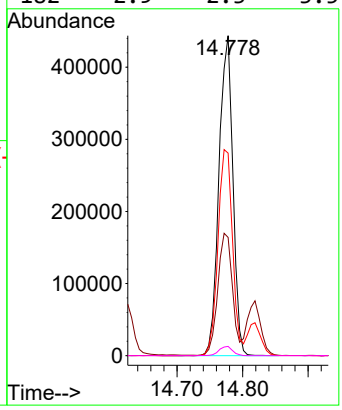


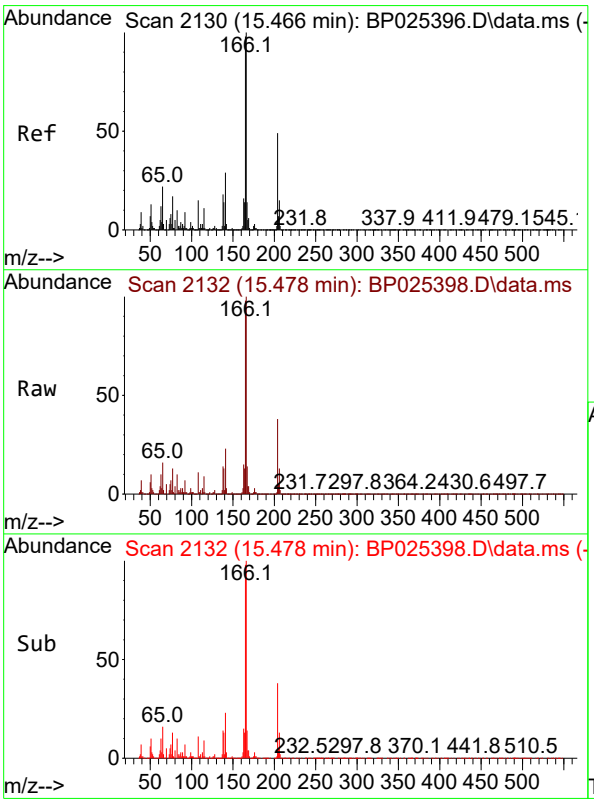
#57
2,4-Dinitrotoluene
Concen: 64.112 ng
RT: 14.778 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 650054

Ion	Ratio	Lower	Upper
165	100		
63	37.0	31.4	47.2
89	63.3	53.3	79.9
182	2.9	2.3	3.5

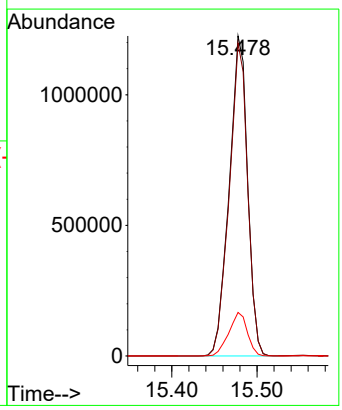


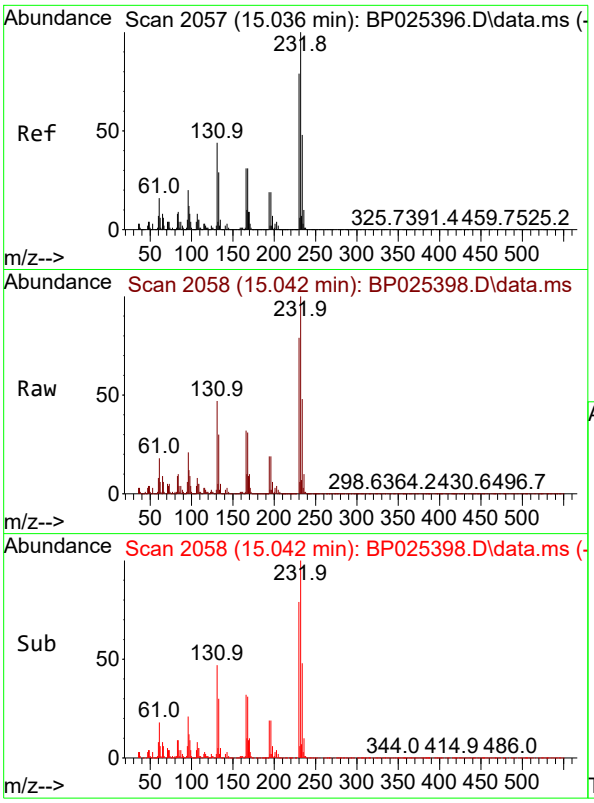


#58
Fluorene
Concen: 58.236 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:166 Resp: 1836972

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.8	118.2
167	13.6	11.0	16.4



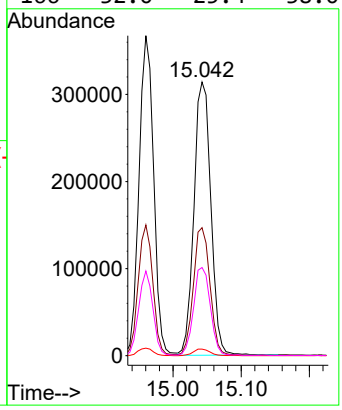


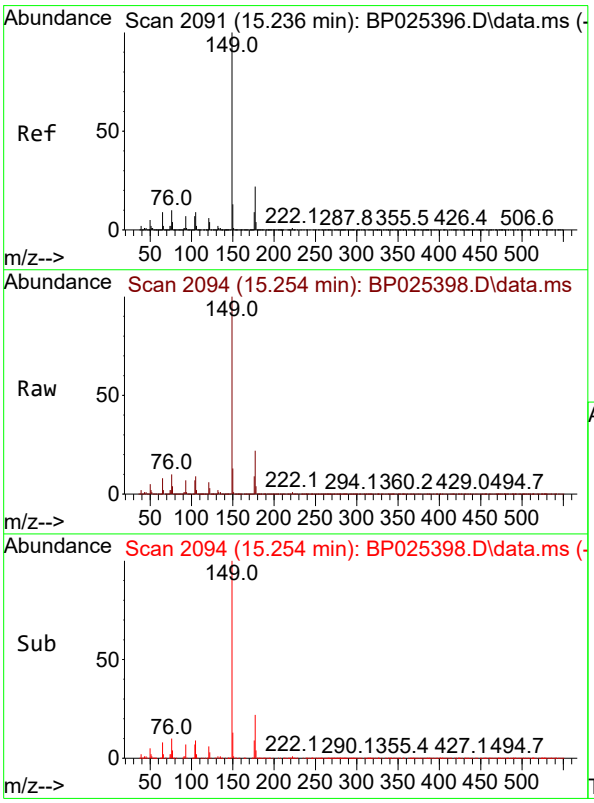
#59
2,3,4,6-Tetrachlorophenol
Concen: 62.307 ng
RT: 15.042 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 541317

Ion	Ratio	Lower	Upper
232	100		
131	46.2	37.0	55.6
130	2.4	1.9	2.9
166	32.0	25.4	38.0

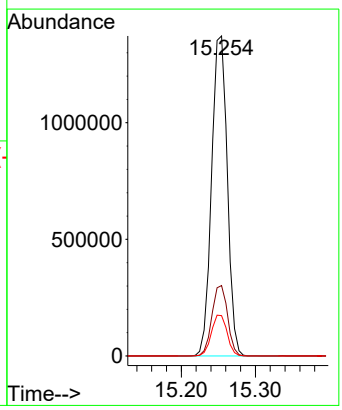


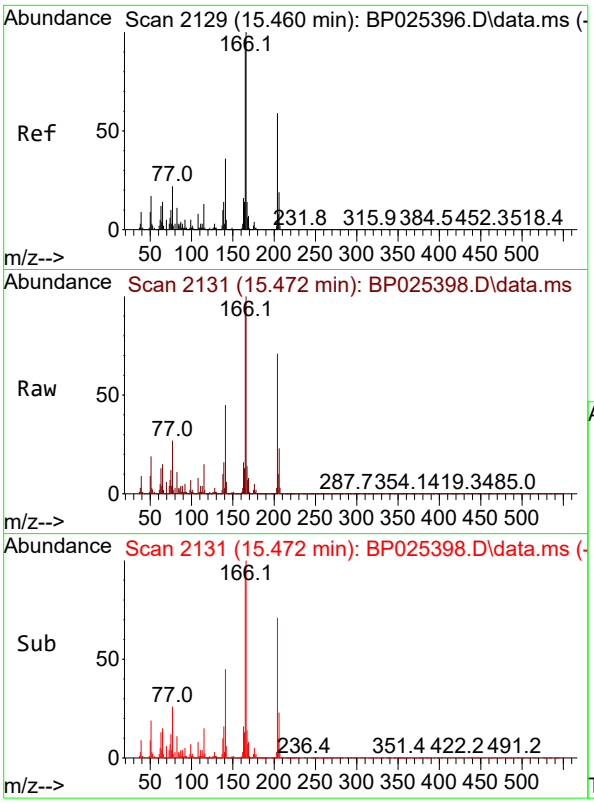


#60
Diethylphthalate
Concen: 58.840 ng
RT: 15.254 min Scan# 2094
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:149 Resp: 2015888

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.3	25.9
150	12.6	10.3	15.5



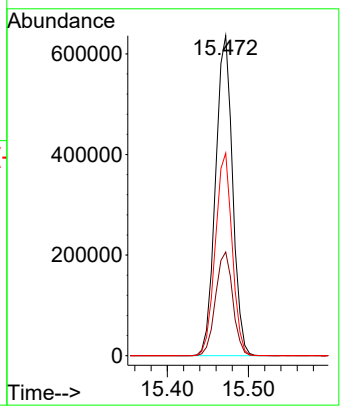


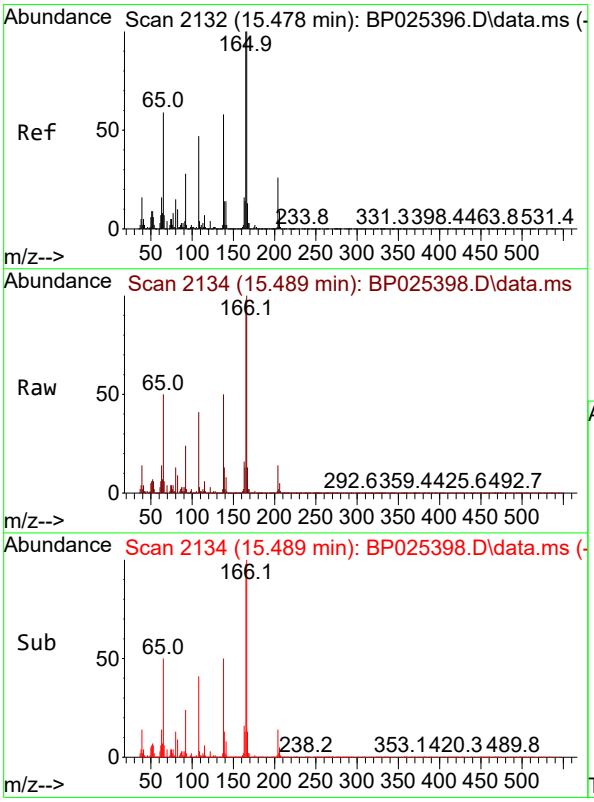
#61
4-Chlorophenyl-phenylether
Concen: 59.044 ng
RT: 15.472 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 926280

Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.8	38.8
141	63.3	49.4	74.2

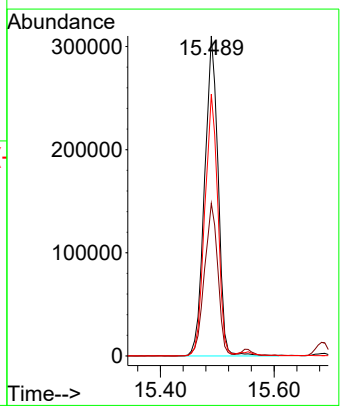


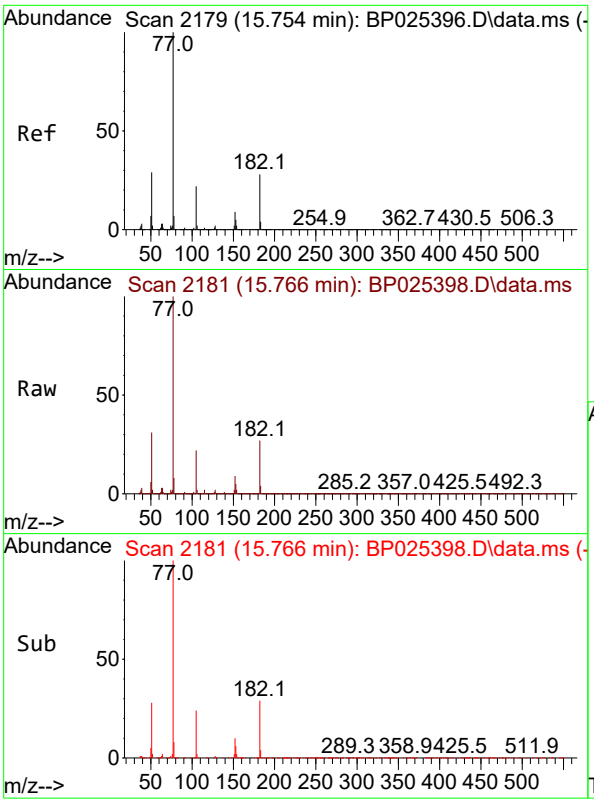


#62
4-Nitroaniline
Concen: 62.272 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:138 Resp: 510438

Ion	Ratio	Lower	Upper
138	100		
92	47.7	29.1	69.1
108	81.8	61.5	101.5



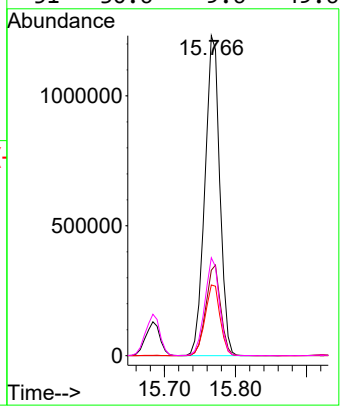


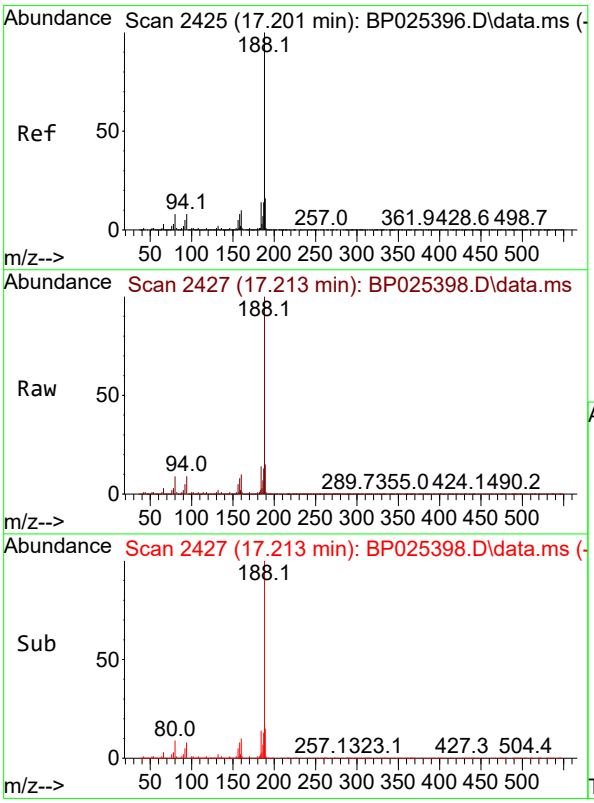
#63
Azobenzene
Concen: 61.242 ng
RT: 15.766 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 1796580

Ion	Ratio	Lower	Upper
77	100		
182	26.7	7.5	47.5
105	22.1	2.1	42.1
51	30.6	9.6	49.6

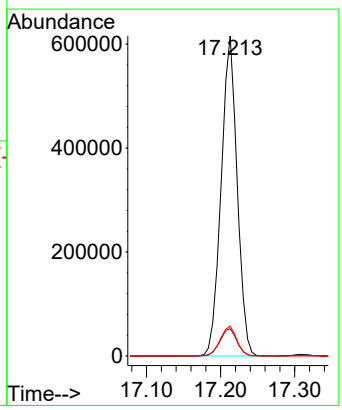


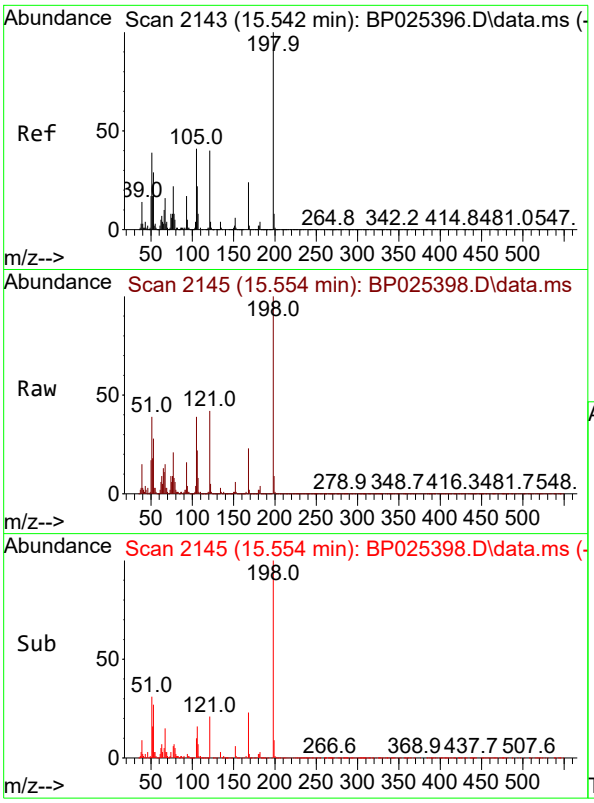


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:188 Resp: 923402

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.6	10.0
80	9.3	6.7	10.1



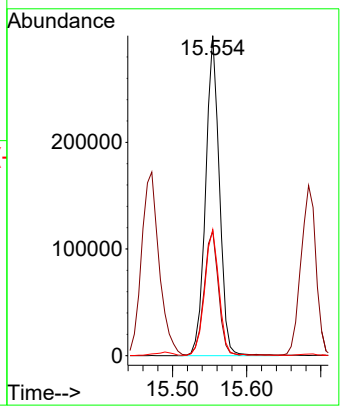


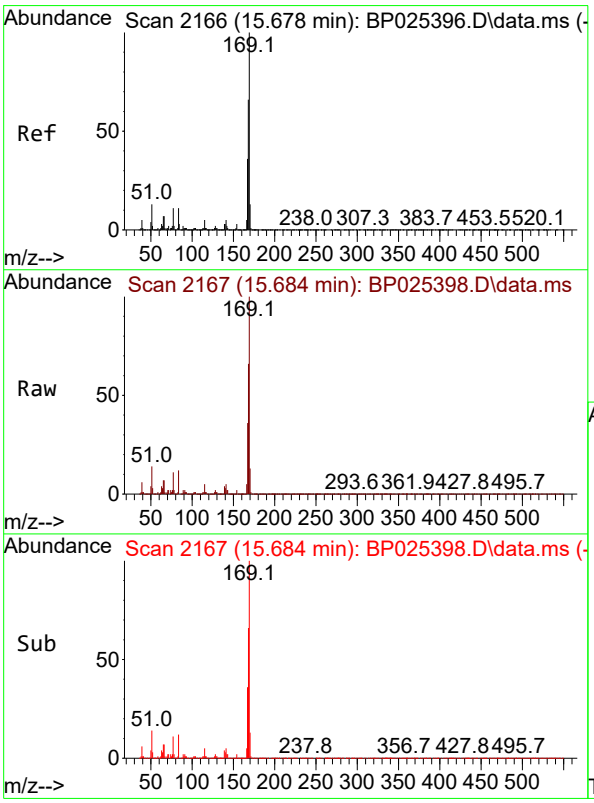
#65
4,6-Dinitro-2-methylphenol
Concen: 67.038 ng
RT: 15.554 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 385873

Ion	Ratio	Lower	Upper
198	100		
51	38.9	19.6	59.6
105	39.4	20.9	60.9

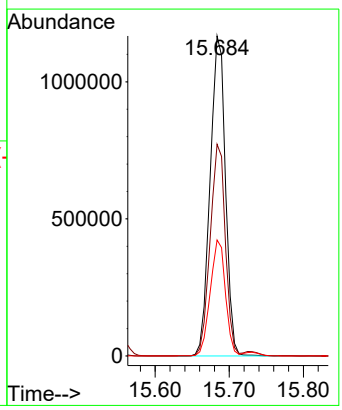


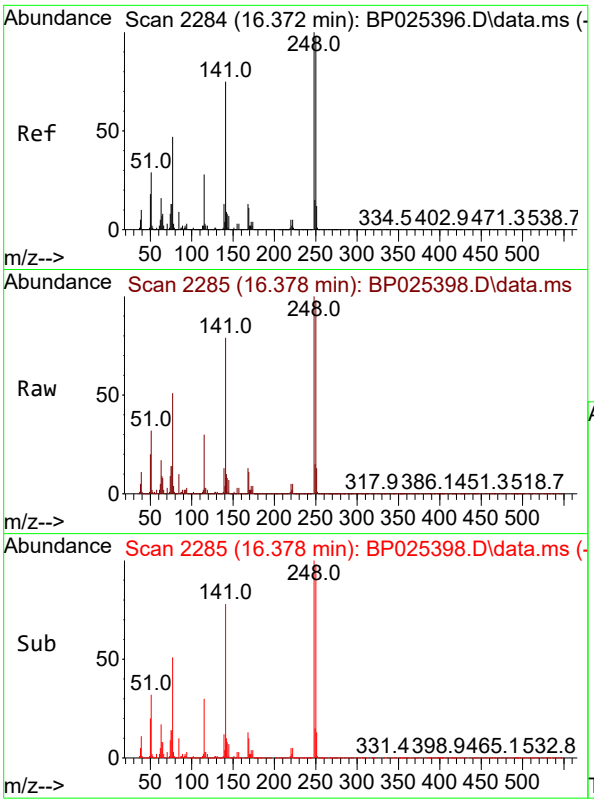


#66
n-Nitrosodiphenylamine
Concen: 59.478 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:169 Resp: 1674806

Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.2	79.8
167	36.3	28.7	43.1



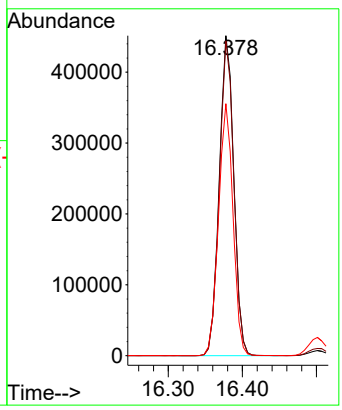


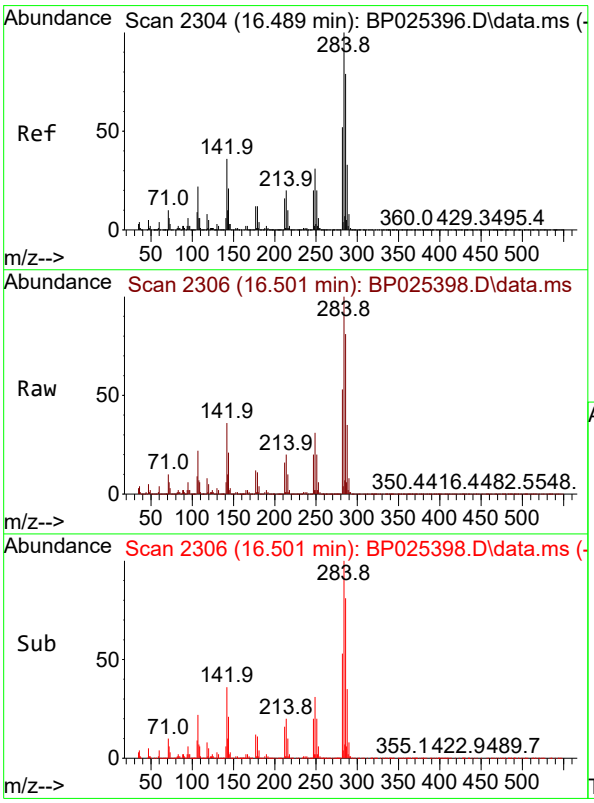
#67
4-Bromophenyl-phenylether
Concen: 60.731 ng
RT: 16.378 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 616767

Ion	Ratio	Lower	Upper
248	100		
250	98.4	78.2	117.2
141	78.7	59.6	89.4

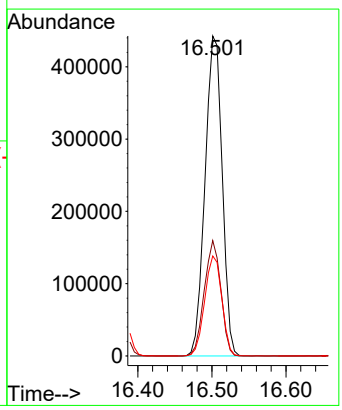


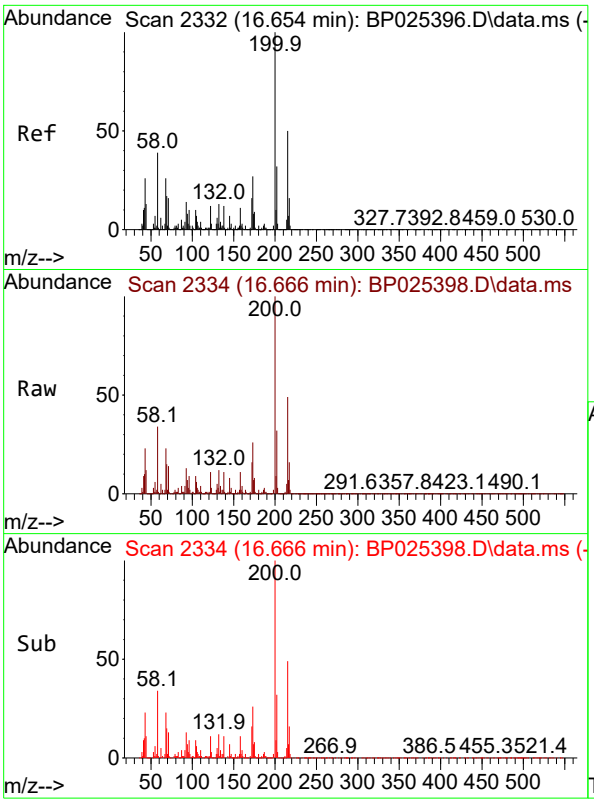


#68
Hexachlorobenzene
Concen: 60.461 ng
RT: 16.501 min Scan# 2306
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:284 Resp: 711778

Ion	Ratio	Lower	Upper
284	100		
142	36.1	29.1	43.7
249	31.3	25.0	37.4



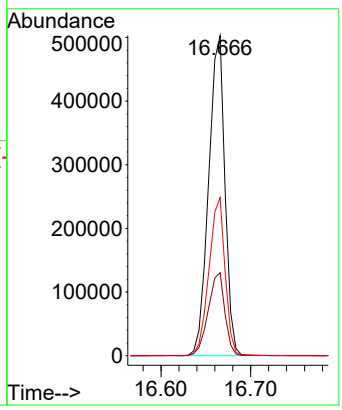


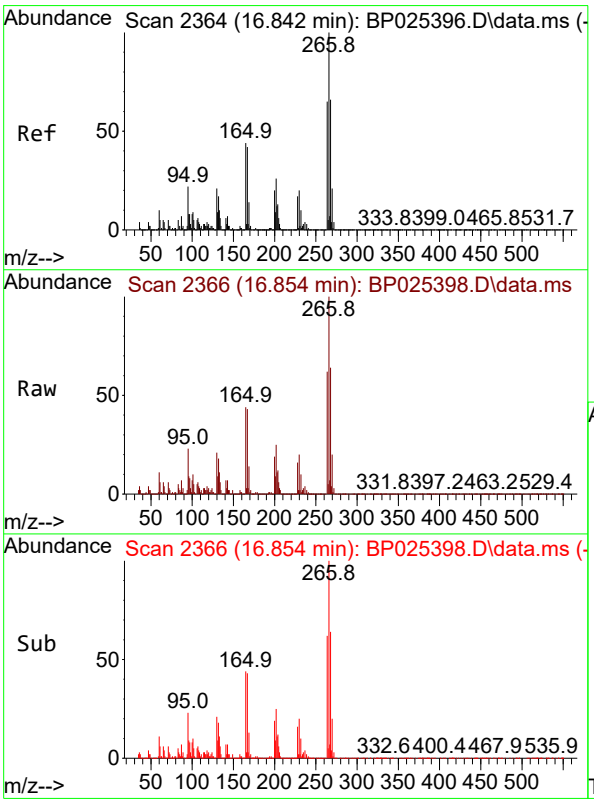
#69
Atrazine
Concen: 60.063 ng
RT: 16.666 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 633381

Ion	Ratio	Lower	Upper
200	100		
173	26.0	6.7	46.7
215	49.4	29.7	69.7

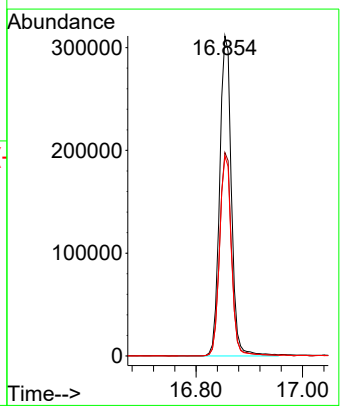


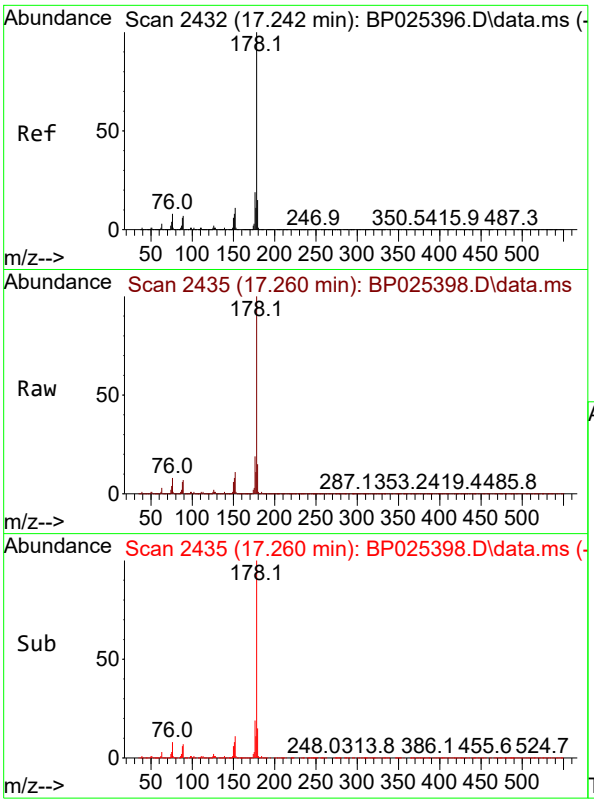


#70
Pentachlorophenol
Concen: 63.820 ng
RT: 16.854 min Scan# 2366
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:266 Resp: 474276

Ion	Ratio	Lower	Upper
266	100		
268	63.5	52.6	79.0
264	62.4	52.0	78.0



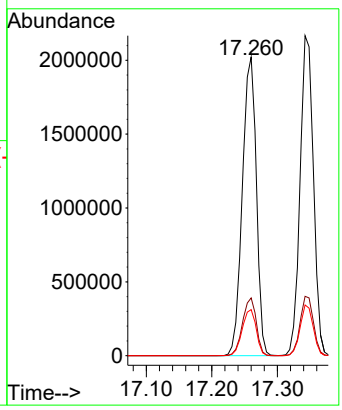


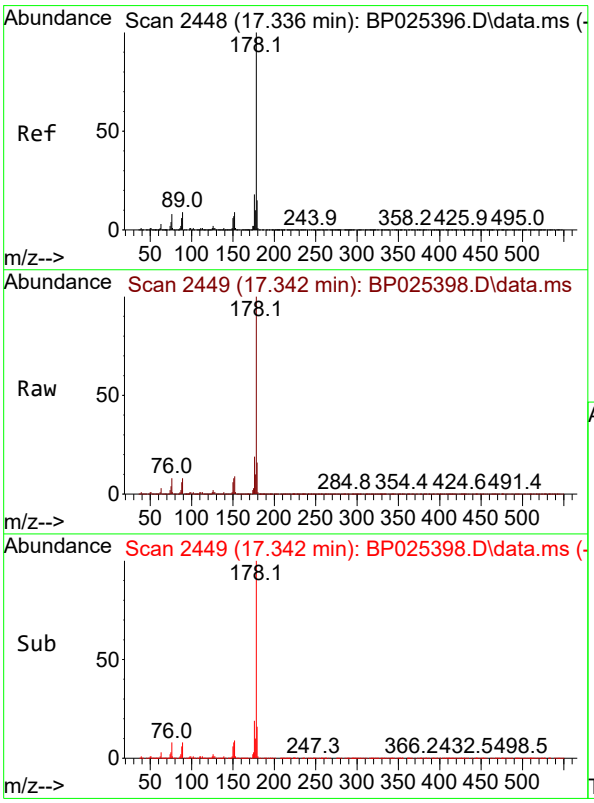
#71
Phenanthrene
Concen: 59.263 ng
RT: 17.260 min Scan# 24
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 3006132

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.4	12.2	18.4

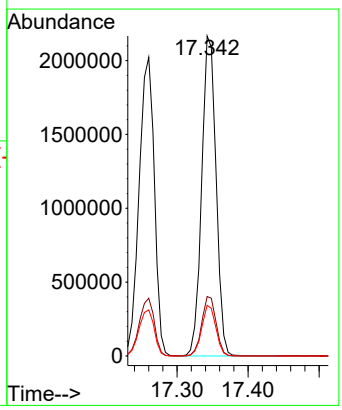


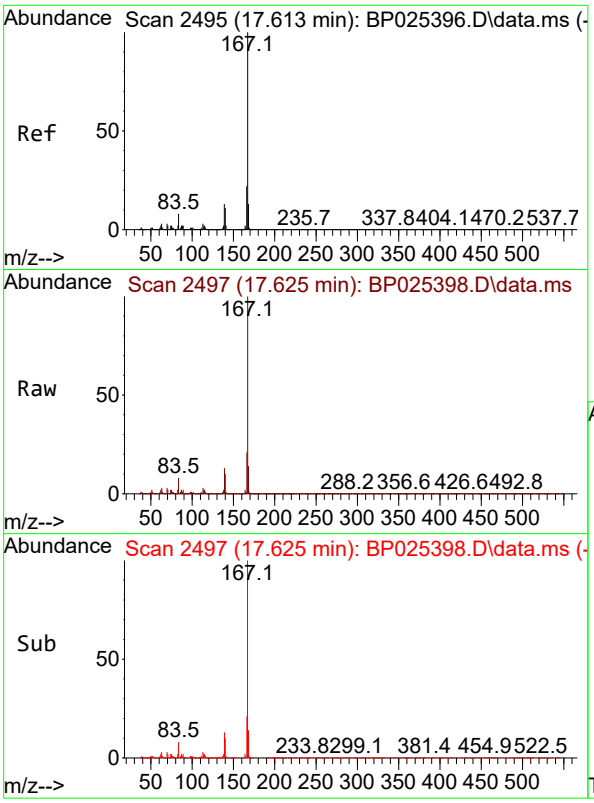


#72
Anthracene
Concen: 58.895 ng
RT: 17.342 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:178 Resp: 3050794

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.7	22.1
179	15.9	12.2	18.2



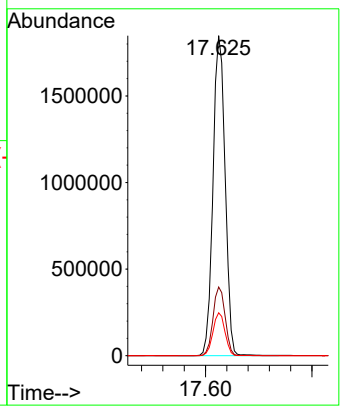


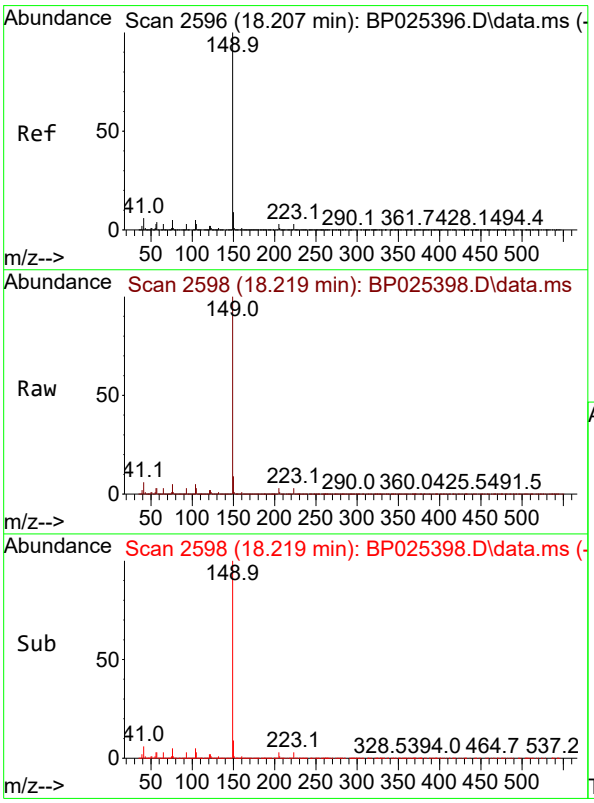
#73
Carbazole
Concen: 59.776 ng
RT: 17.625 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp: 2916606

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.5	26.3
139	13.4	10.6	16.0

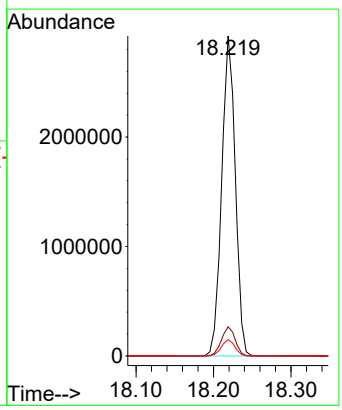


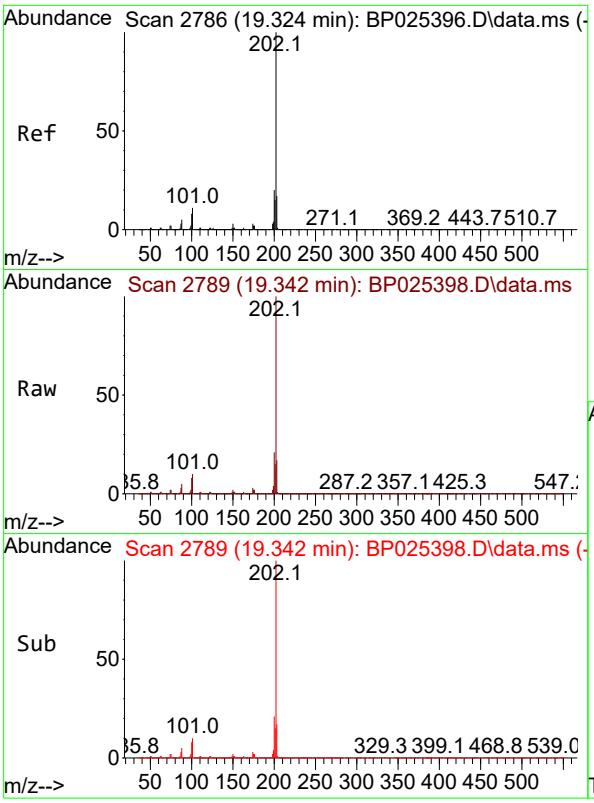


#74
Di-n-butylphthalate
Concen: 59.310 ng
RT: 18.219 min Scan# 2598
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:149 Resp: 3560427

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.1	4.2	6.2



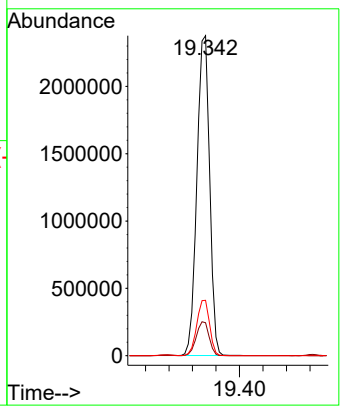


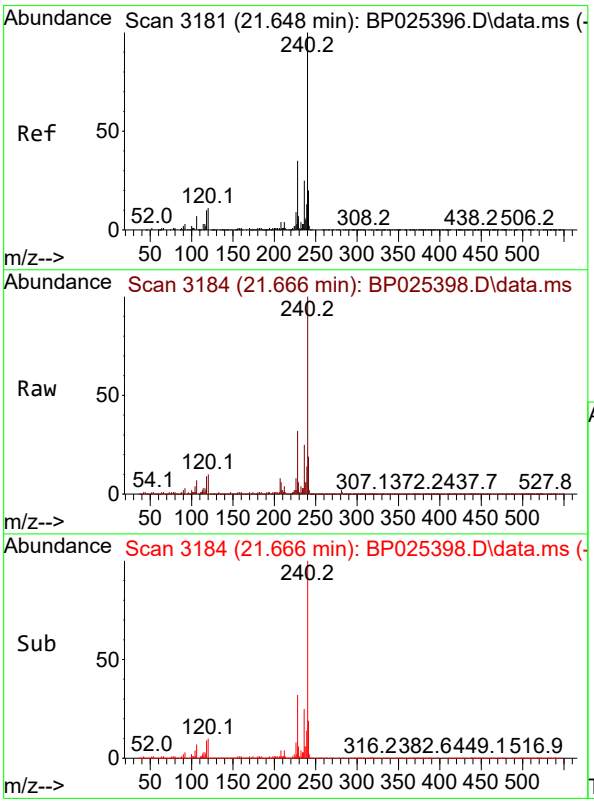
#75
Fluoranthene
Concen: 58.899 ng
RT: 19.342 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 3563798

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.1
203	17.3	0.0	37.3

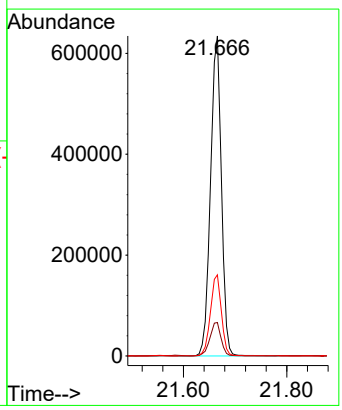


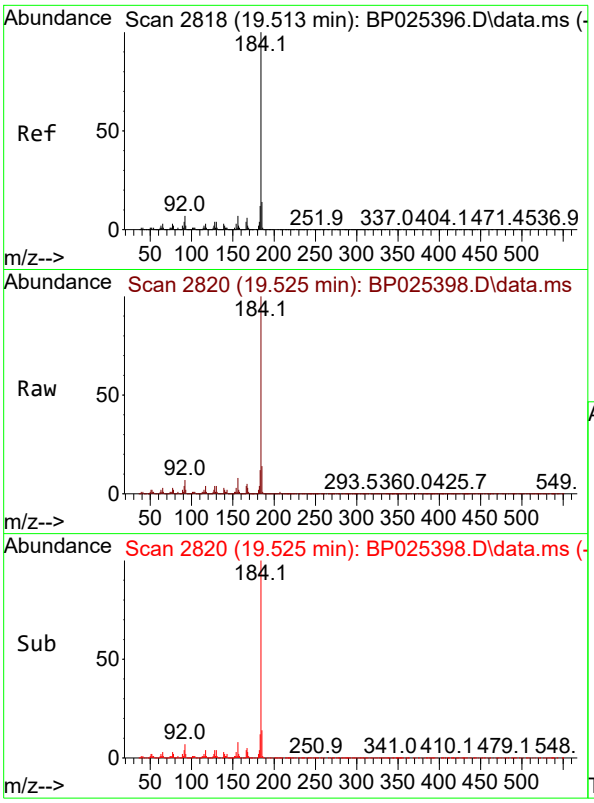


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.666 min Scan# 3184
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:240 Resp: 926019

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.9	13.3
236	25.3	19.8	29.8



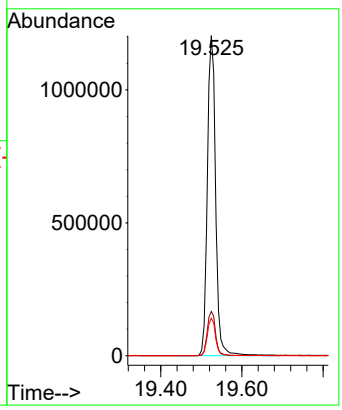


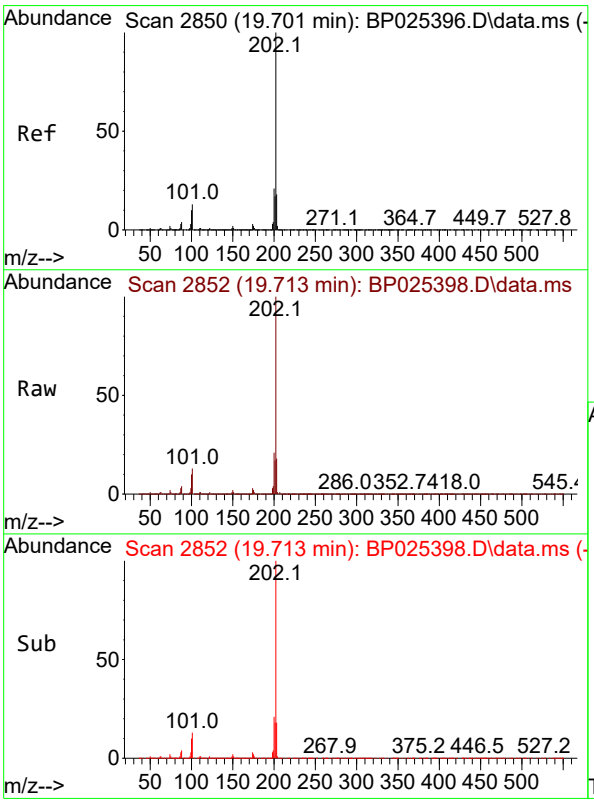
#77
Benzidine
Concen: 53.489 ng
RT: 19.525 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 1690432

Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.5	17.3
183	11.7	9.4	14.2

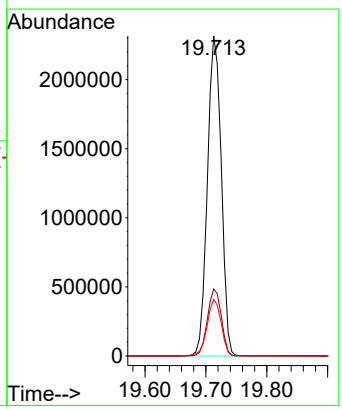


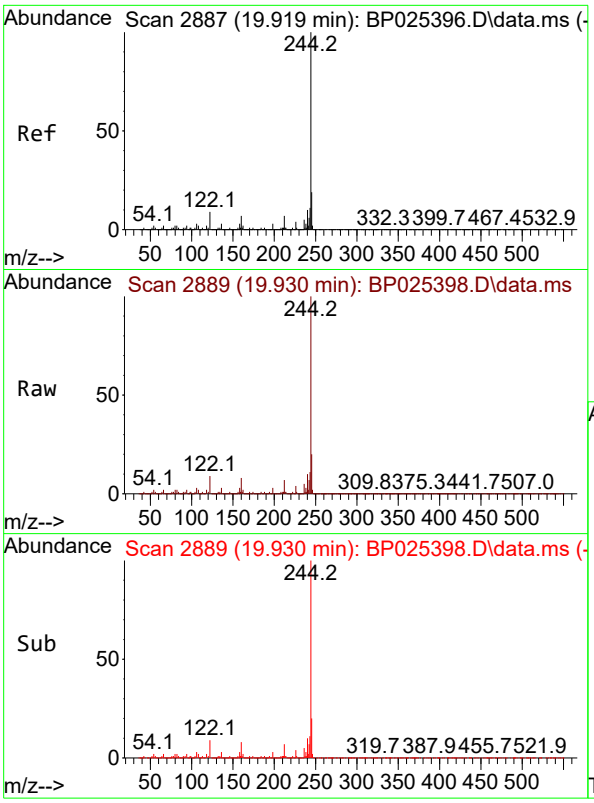


#78
Pyrene
Concen: 60.883 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:202 Resp: 3664453

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.7	14.2	21.2



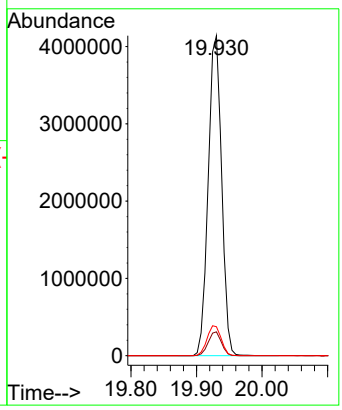


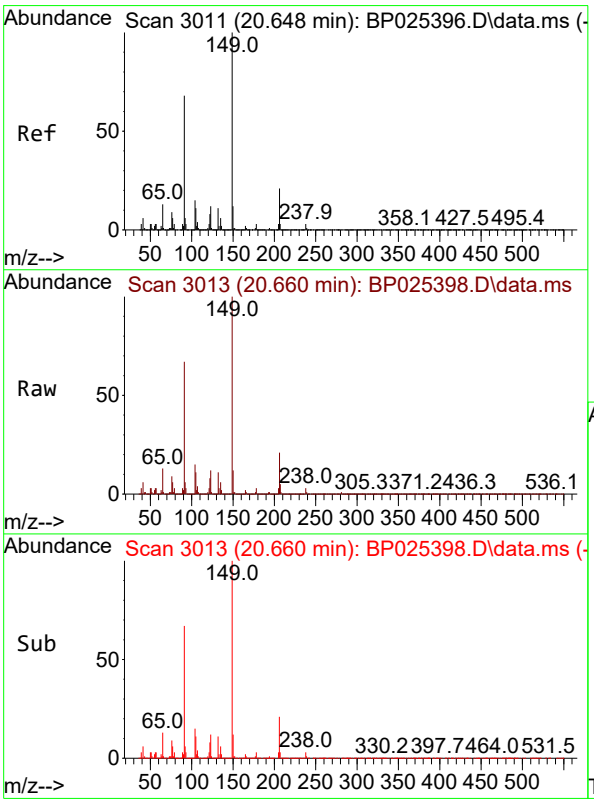
#79
Terphenyl-d14
Concen: 116.490 ng
RT: 19.930 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp: 5896004

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	9.0	7.4	11.2

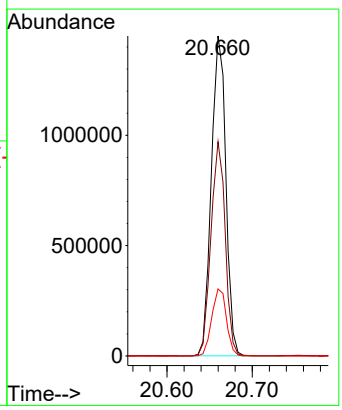


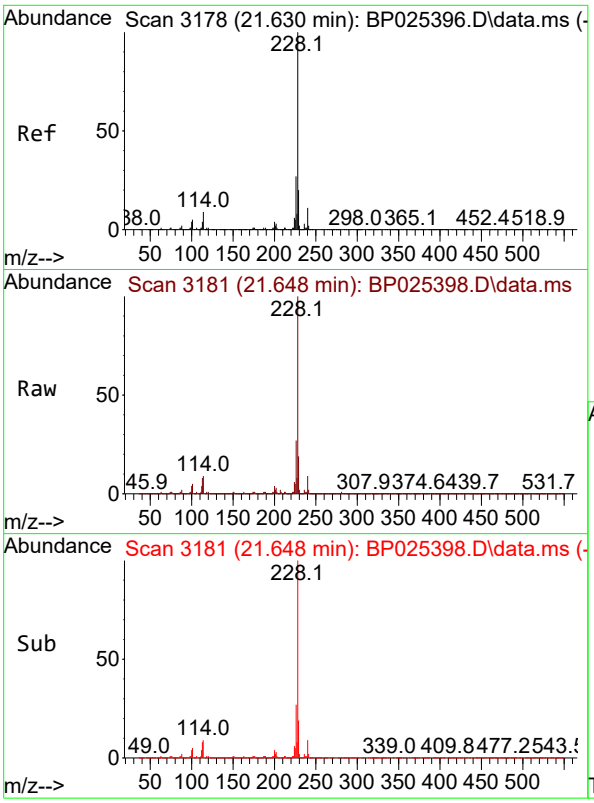


#80
Butylbenzylphthalate
Concen: 62.697 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:149 Resp: 1710246

Ion	Ratio	Lower	Upper
149	100		
91	66.9	54.2	81.2
206	20.9	16.6	24.8



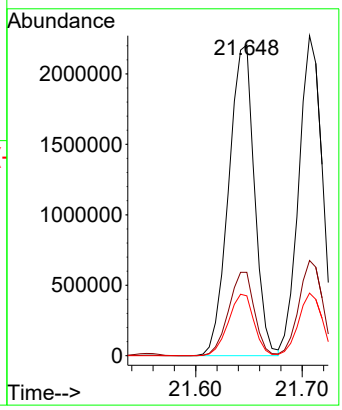


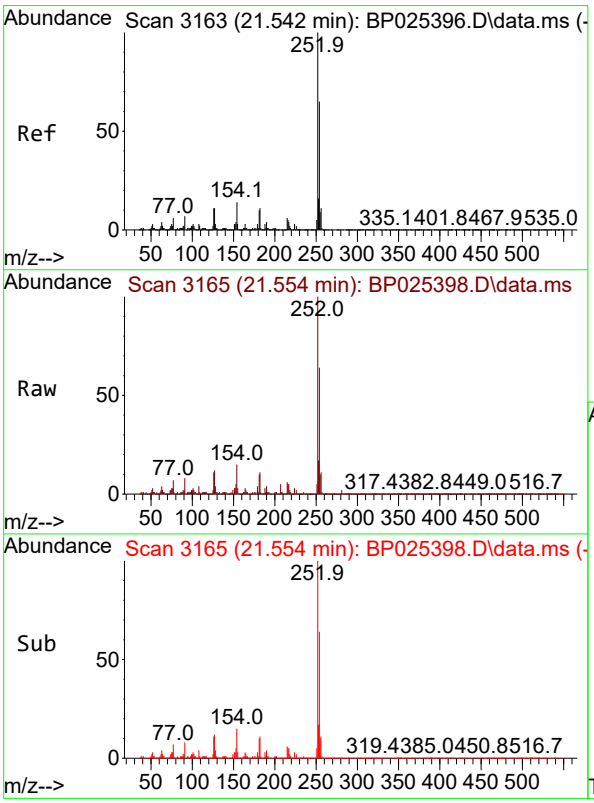
#81
Benzo(a)anthracene
Concen: 60.619 ng
RT: 21.648 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 3702064

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.7	32.5
229	19.2	15.6	23.4

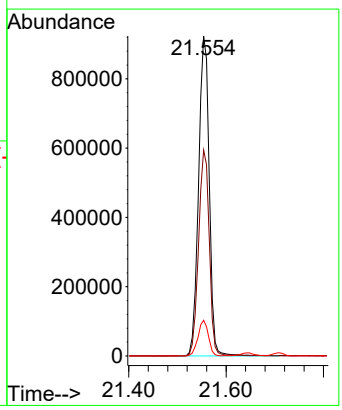


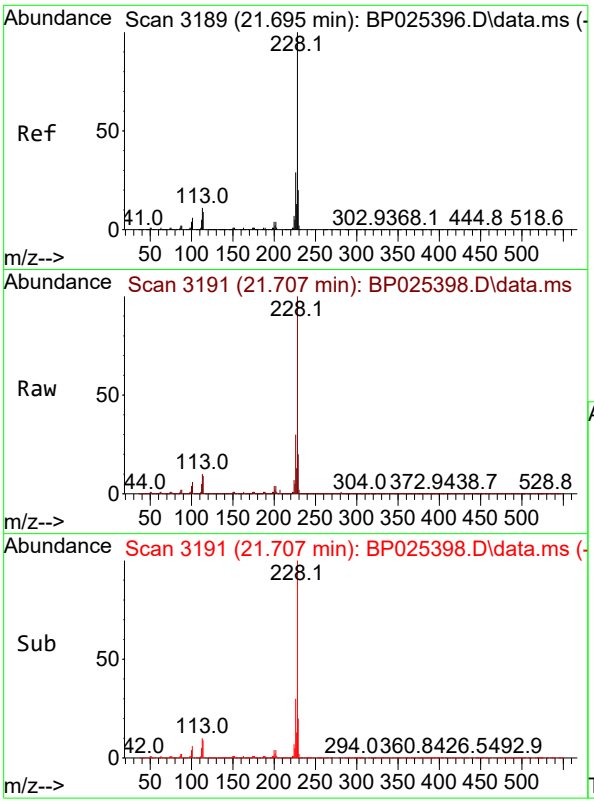


#82
3,3'-Dichlorobenzidine
Concen: 61.062 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:252 Resp: 1405597

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.8	77.6
126	11.2	9.1	13.7



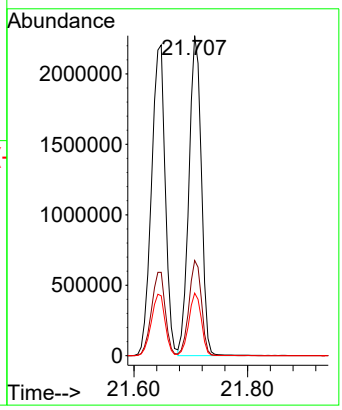


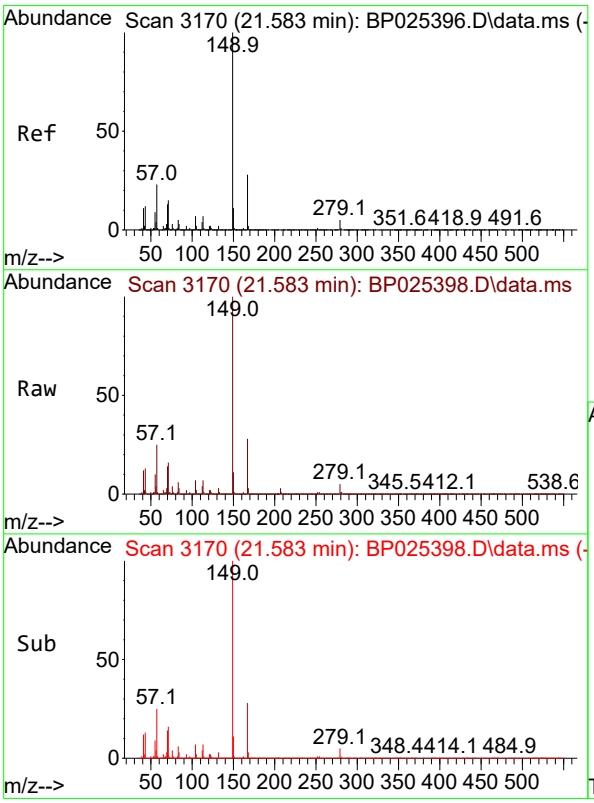
#83
Chrysene
Concen: 60.387 ng
RT: 21.707 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 3453736

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.2	34.8
229	19.6	15.6	23.4

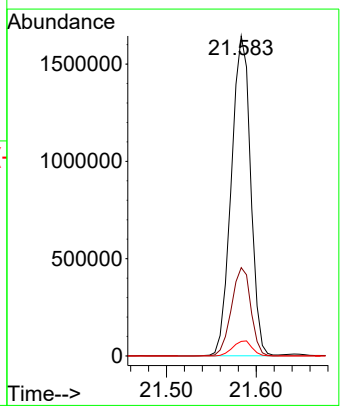


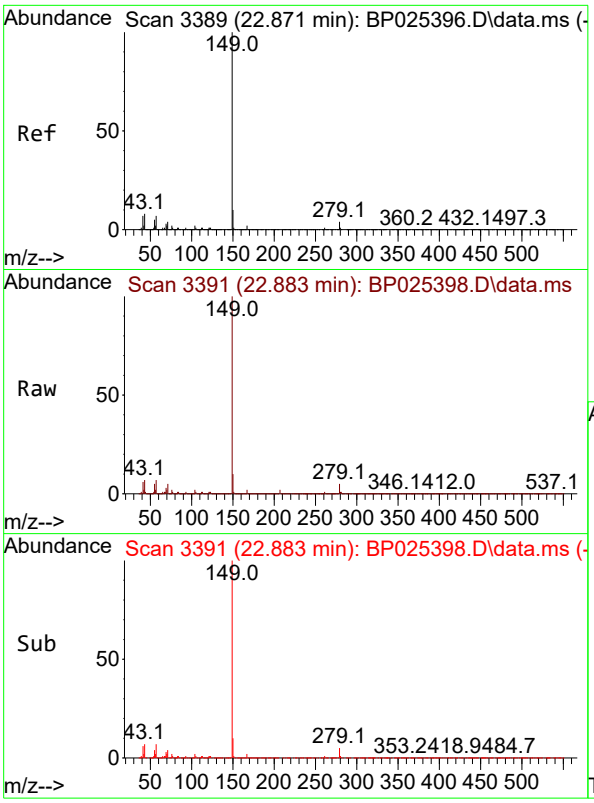


#84
Bis(2-ethylhexyl)phthalate
Concen: 61.038 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:149 Resp: 2450963

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	4.6	3.8	5.6



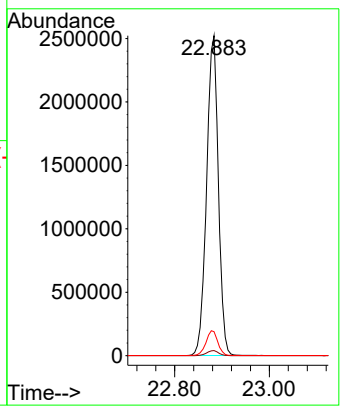


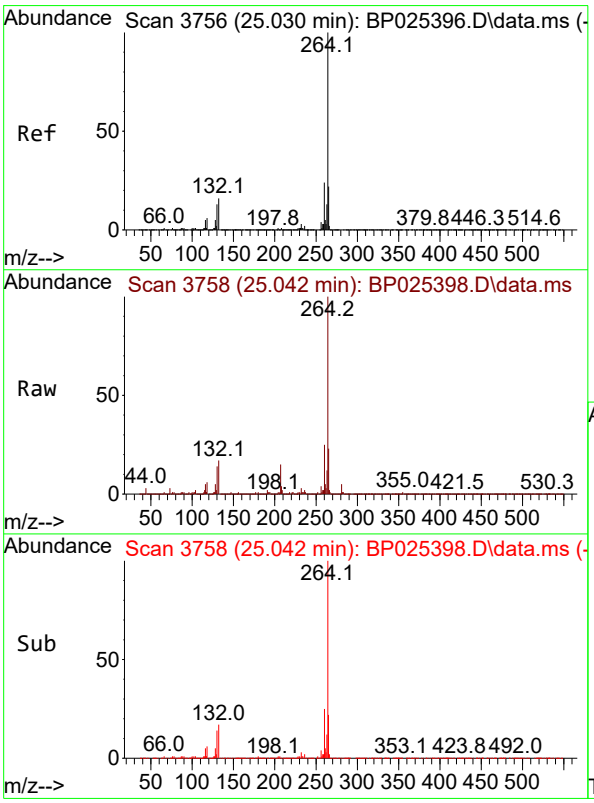
#85
Di-n-octyl phthalate
Concen: 62.869 ng
RT: 22.883 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 4342211

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.8	6.3	9.5

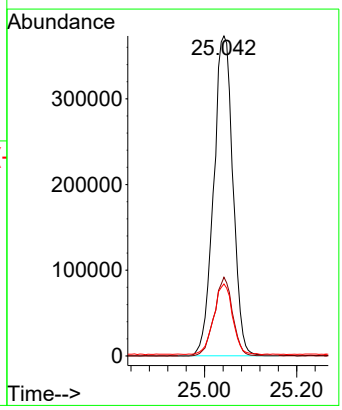


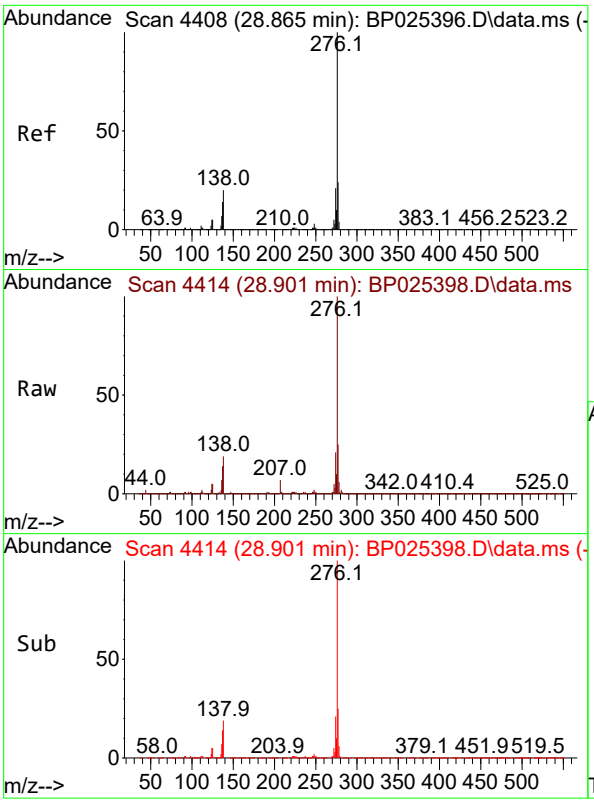


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.042 min Scan# 3758
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:264 Resp: 1081163

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	22.5	17.4	26.0



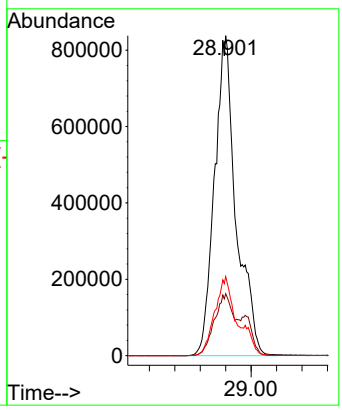


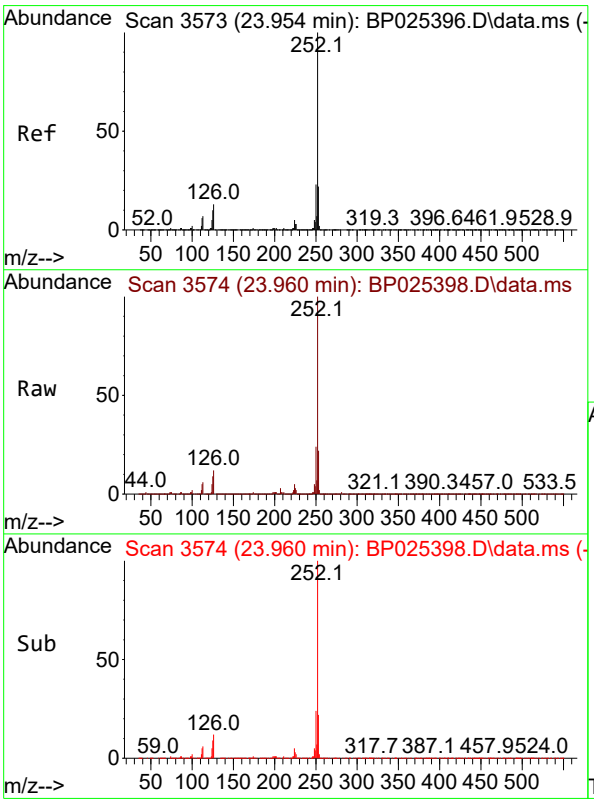
#87
Indeno(1,2,3-cd)pyrene
Concen: 62.248 ng
RT: 28.901 min Scan# 44
Delta R.T. 0.035 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 4937235

Ion	Ratio	Lower	Upper
276	100		
138	18.5	12.9	19.3
277	22.4	17.0	25.6

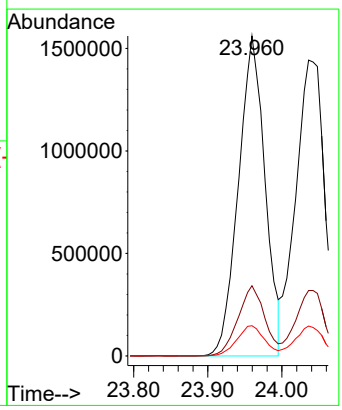


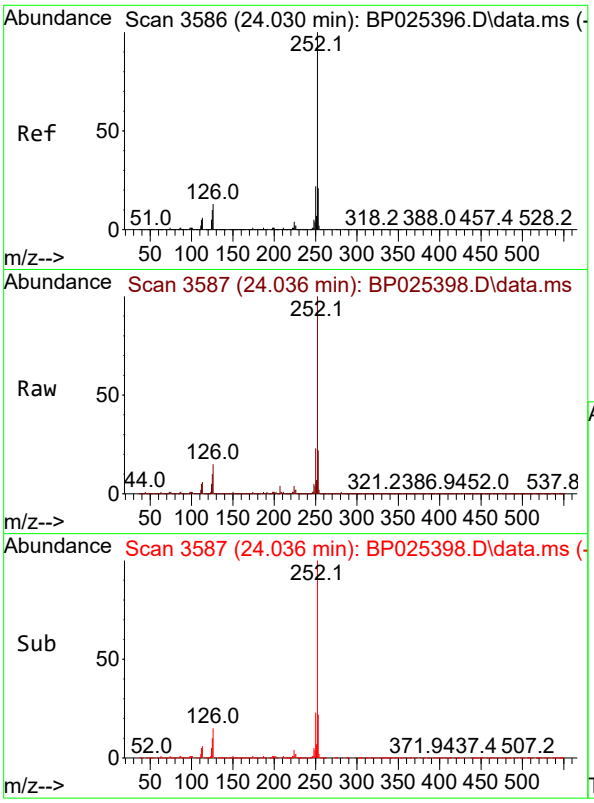


#88
Benzo(b)fluoranthene
Concen: 60.914 ng
RT: 23.960 min Scan# 3574
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:252 Resp: 3883465

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	9.4	7.9	11.9



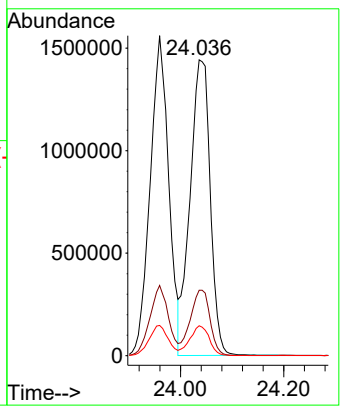


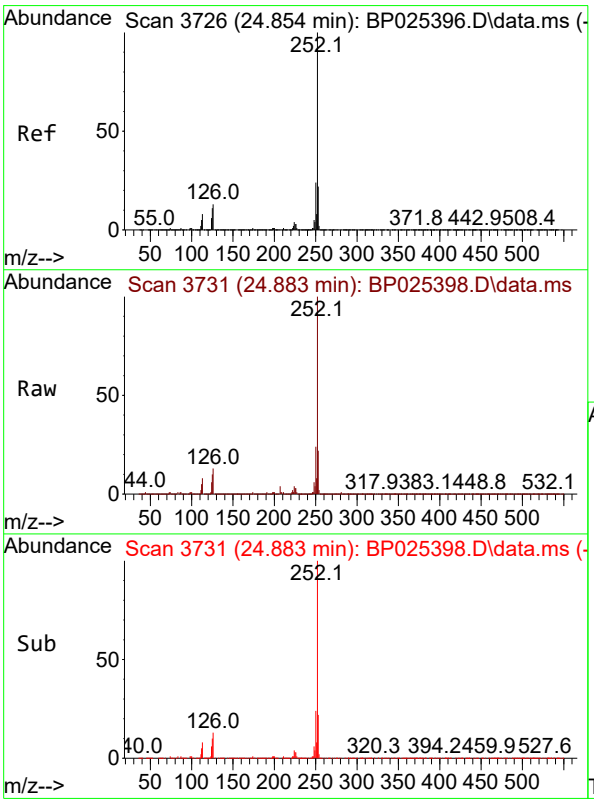
#89
Benzo(k)fluoranthene
Concen: 61.334 ng
RT: 24.036 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 3912900

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	10.1	7.8	11.6

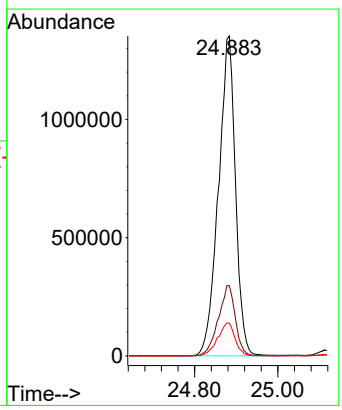


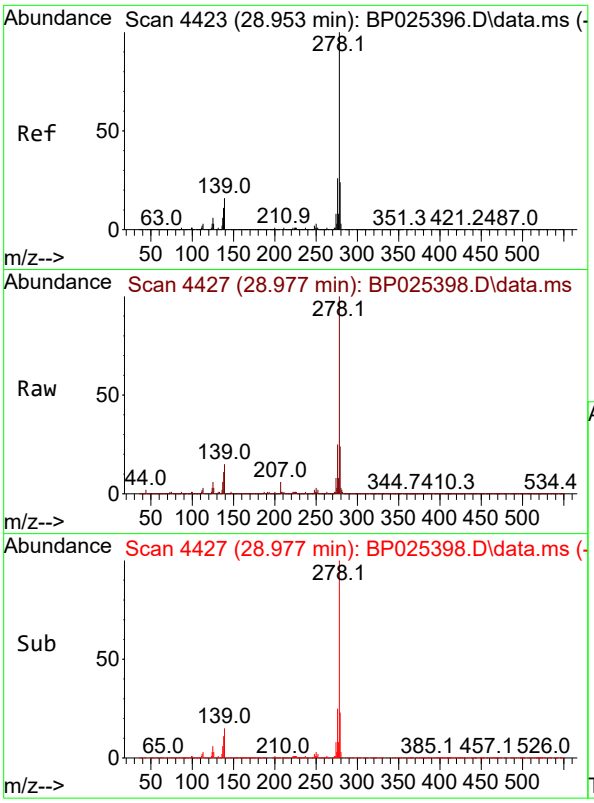


#90
Benzo(a)pyrene
Concen: 61.959 ng
RT: 24.883 min Scan# 3731
Delta R.T. 0.030 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:252 Resp: 3845093

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	10.3	8.7	13.1



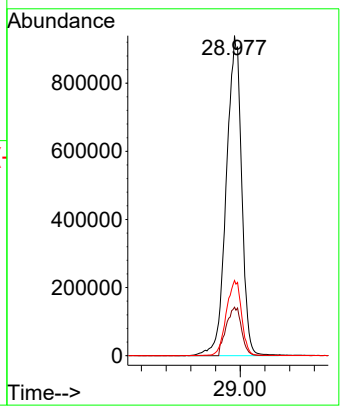


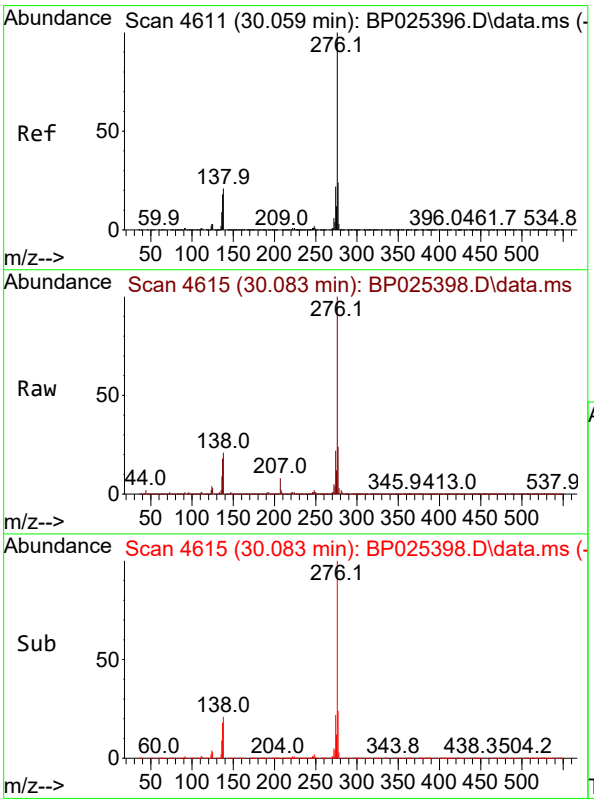
#91
Dibenzo(a,h)anthracene
Concen: 62.280 ng
RT: 28.977 min Scan# 44
Delta R.T. 0.024 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 4035414

Ion	Ratio	Lower	Upper
278	100		
139	15.1	13.0	19.4
279	23.5	19.4	29.2

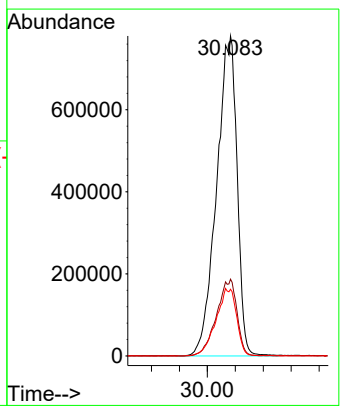




#92
Benzo(g,h,i)perylene
Concen: 62.159 ng
RT: 30.083 min Scan# 4615
Delta R.T. 0.024 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:276 Resp: 3958545

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.0
138	20.8	16.7	25.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025399.D
Acq On : 14 Aug 2025 17:24
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Aug 14 17:59:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	159148	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	673018	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	436046	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	856946	20.000	ng	# 0.00
76) Chrysene-d12	21.660	240	888879	20.000	ng	0.01
86) Perylene-d12	25.030	264	1037707	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1526166	159.254	ng	0.00
7) Phenol-d6	6.972	99	1989633	161.937	ng	0.00
23) Nitrobenzene-d5	8.937	82	2123522	159.609	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	936489	159.559	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	4712591	147.705	ng	0.00
79) Terphenyl-d14	19.930	244	7103816	146.217	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	291527	77.664	ng	99
3) Pyridine	3.731	79	807269	78.572	ng	97
4) n-Nitrosodimethylamine	3.637	42	344349	81.296	ng	99
6) Aniline	7.131	93	1333221	80.538	ng	100
8) 2-Chlorophenol	7.372	128	877073	81.104	ng	99
9) Benzaldehyde	6.943	77	582344	67.651	ng	98
10) Phenol	7.002	94	1040534	80.710	ng	98
11) bis(2-Chloroethyl)ether	7.219	93	798672	79.481	ng	99
12) 1,3-Dichlorobenzene	7.684	146	950596	79.718	ng	98
13) 1,4-Dichlorobenzene	7.825	146	961421	78.882	ng	99
14) 1,2-Dichlorobenzene	8.143	146	922658	78.203	ng	99
15) Benzyl Alcohol	8.031	79	795618	81.498	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	1059824	78.732	ng	99
17) 2-Methylphenol	8.225	107	734482	82.028	ng	100
18) Hexachloroethane	8.866	117	355791	79.395	ng	94
19) n-Nitroso-di-n-propyla...	8.596	70	636387	78.102	ng	99
20) 3+4-Methylphenols	8.555	107	1005632	81.023	ng	97
22) Acetophenone	8.607	105	1314548	77.886	ng	99
24) Nitrobenzene	8.978	77	947511	79.686	ng	99
25) Isophorone	9.507	82	1829675	77.708	ng	99
26) 2-Nitrophenol	9.678	139	511806	83.872	ng	99
27) 2,4-Dimethylphenol	9.743	122	842467	80.280	ng	100
28) bis(2-Chloroethoxy)met...	9.972	93	1103640	77.542	ng	99
29) 2,4-Dichlorophenol	10.213	162	844787	81.037	ng	99
30) 1,2,4-Trichlorobenzene	10.425	180	892771	78.123	ng	98
31) Naphthalene	10.613	128	2722703	77.835	ng	99
32) Benzoic acid	9.901	122	686791	88.861	ng	99
33) 4-Chloroaniline	10.713	127	1232431	79.761	ng	100
34) Hexachlorobutadiene	10.901	225	557922	78.393	ng	99
35) Caprolactam	11.519	113	302874	79.233	ng	95
36) 4-Chloro-3-methylphenol	11.843	107	949779	79.399	ng	99
37) 2-Methylnaphthalene	12.213	142	1761325	77.372	ng	99
38) 1-Methylnaphthalene	12.437	142	1844376	76.186	ng	99
40) 1,2,4,5-Tetrachloroben...	12.584	216	995064	79.014	ng	100
41) Hexachlorocyclopentadiene	12.572	237	668771	87.916	ng	99
43) 2,4,6-Trichlorophenol	12.825	196	706484	83.096	ng	98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025399.D
Acq On : 14 Aug 2025 17:24
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:59:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	762861	81.870	ng	99
46) 1,1'-Biphenyl	13.231	154	2453536	77.476	ng	99
47) 2-Chloronaphthalene	13.272	162	1918120	77.804	ng	100
48) 2-Nitroaniline	13.472	65	594696	82.788	ng	96
49) Acenaphthylene	14.125	152	3194918	78.318	ng	100
50) Dimethylphthalate	13.860	163	2446951	76.632	ng	99
51) 2,6-Dinitrotoluene	13.972	165	542710	80.639	ng	99
52) Acenaphthene	14.472	154	1841448	76.902	ng	99
53) 3-Nitroaniline	14.301	138	618087	81.627	ng	100
54) 2,4-Dinitrophenol	14.507	184	339125	94.356	ng	100
55) Dibenzofuran	14.807	168	2915933	77.023	ng	99
56) 4-Nitrophenol	14.619	139	520294	83.618	ng	96
57) 2,4-Dinitrotoluene	14.766	165	791214	82.399	ng	99
58) Fluorene	15.466	166	2185593	73.164	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.031	232	661890	80.448	ng	100
60) Diethylphthalate	15.242	149	2494087	76.870	ng	100
61) 4-Chlorophenyl-phenyle...	15.460	204	1105157	74.388	ng	97
62) 4-Nitroaniline	15.484	138	626525	80.710	ng	97
63) Azobenzene	15.760	77	2139674	77.017	ng	99
65) 4,6-Dinitro-2-methylph...	15.542	198	472602	88.473	ng	93
66) n-Nitrosodiphenylamine	15.678	169	2034782	77.866	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	745915	79.144	ng	98
68) Hexachlorobenzene	16.495	284	860051	78.721	ng	97
69) Atrazine	16.654	200	783533	80.064	ng	98
70) Pentachlorophenol	16.842	266	589673	85.502	ng	98
71) Phenanthrene	17.242	178	3623454	76.972	ng	99
72) Anthracene	17.336	178	3702277	77.014	ng	99
73) Carbazole	17.607	167	3503273	77.368	ng	99
74) Di-n-butylphthalate	18.219	149	4336701	77.844	ng	100
75) Fluoranthene	19.330	202	4313301	76.815	ng	99
77) Benzidine	19.525	184	2036246	67.124	ng	99
78) Pyrene	19.707	202	4410693	76.343	ng	99
80) Butylbenzylphthalate	20.660	149	2054404	78.460	ng	97
81) Benzo(a)anthracene	21.642	228	4532763	77.322	ng	100
82) 3,3'-Dichlorobenzidine	21.554	252	1705746	77.197	ng	100
83) Chrysene	21.707	228	4218161	76.835	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	3021891	78.400	ng	100
85) Di-n-octyl phthalate	22.877	149	5302080	79.974	ng	100
87) Indeno(1,2,3-cd)pyrene	28.895	276	6168570m	81.030	ng	
88) Benzo(b)fluoranthene	23.977	252	4876398	79.692	ng	100
89) Benzo(k)fluoranthene	24.054	252	4734637	77.323	ng	99
90) Benzo(a)pyrene	24.889	252	4735685	79.505	ng	99
91) Dibenzo(a,h)anthracene	28.983	278	5046260	81.142	ng	99
92) Benzo(g,h,i)perylene	30.106	276	4949477	80.973	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

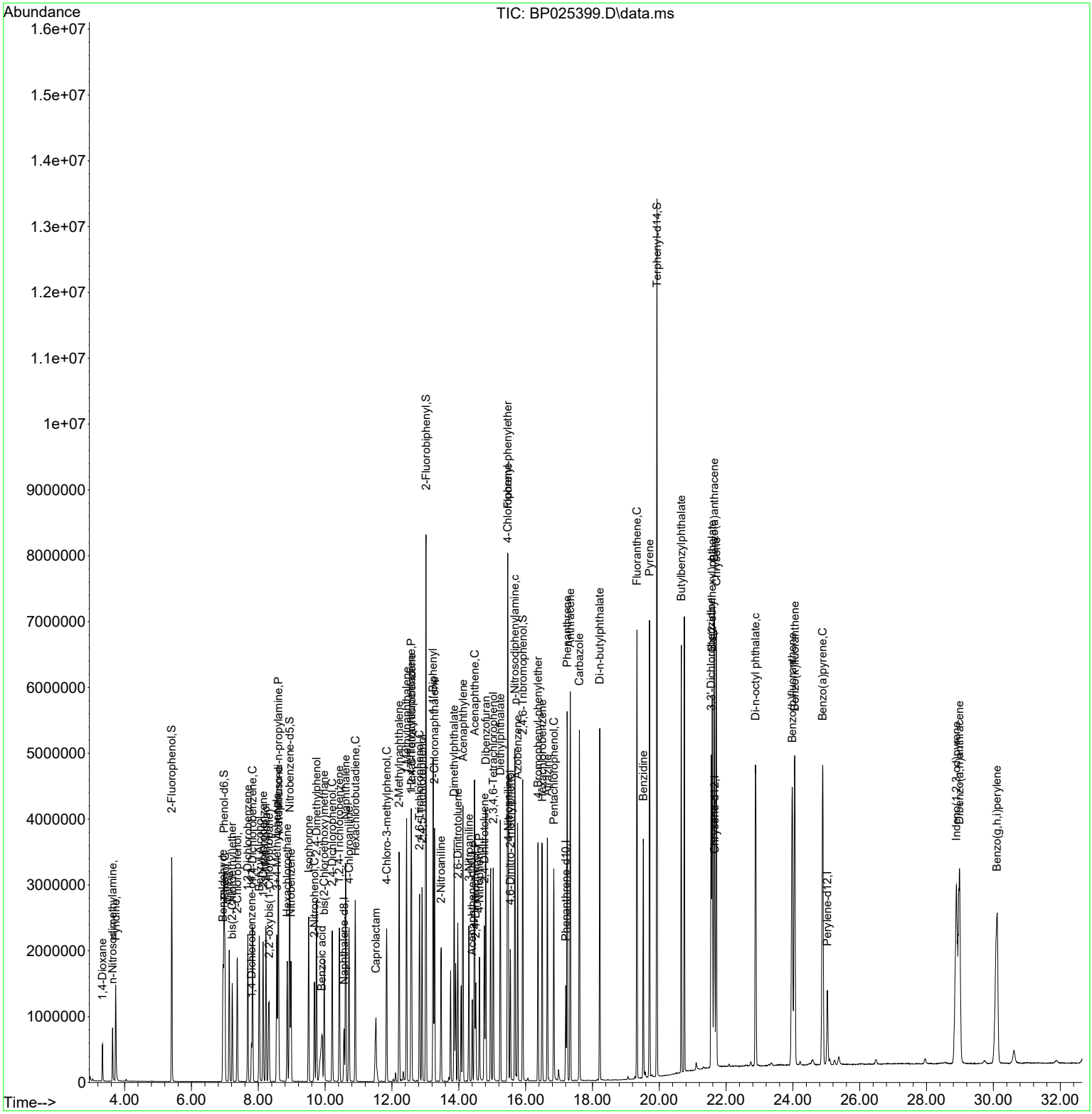
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Acq On : 14 Aug 2025 17:24
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

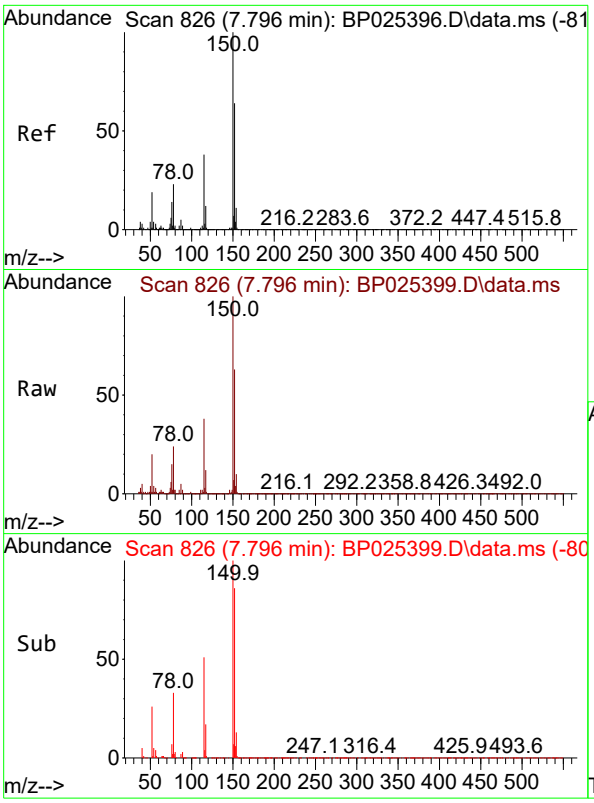
Quant Time: Aug 14 17:59:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

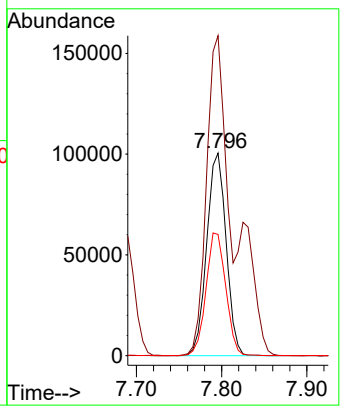




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:152 Resp: 15914

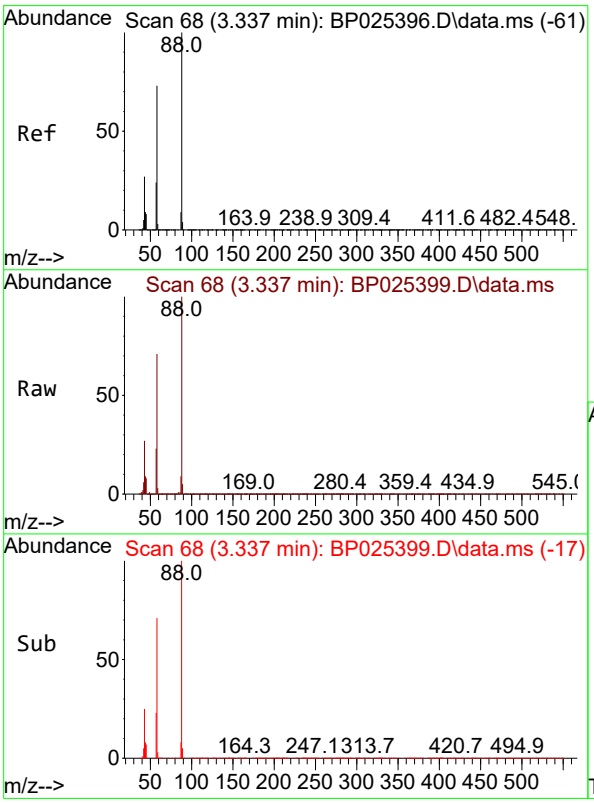
Ion	Ratio	Lower	Upper
152	100		
150	157.9	125.9	188.9
115	59.9	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

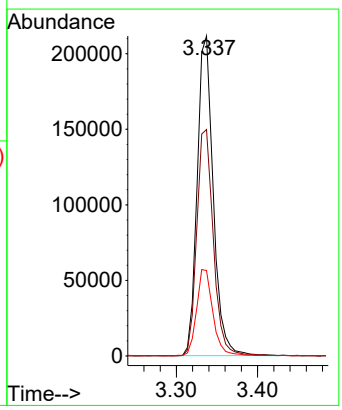
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

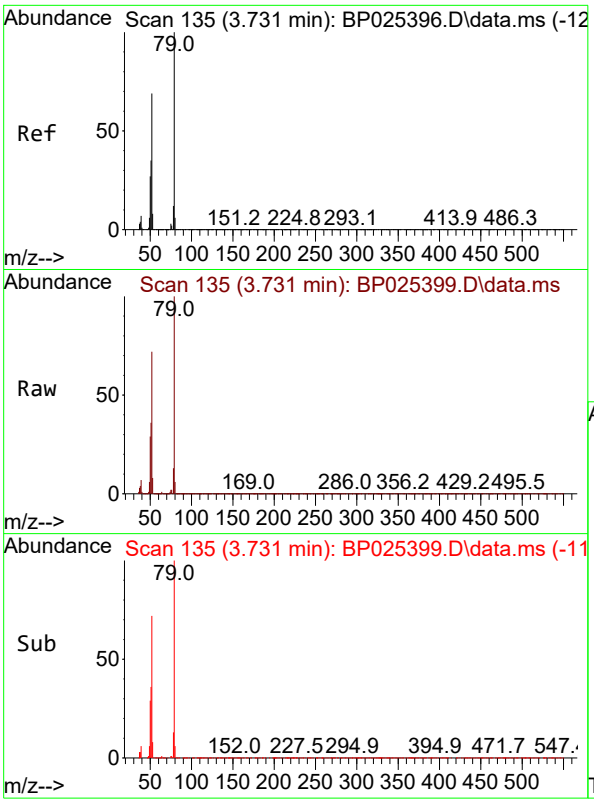


#2
1,4-Dioxane
Concen: 77.664 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 88 Resp: 291527

Ion	Ratio	Lower	Upper
88	100		
58	73.3	59.2	88.8
43	27.4	21.7	32.5

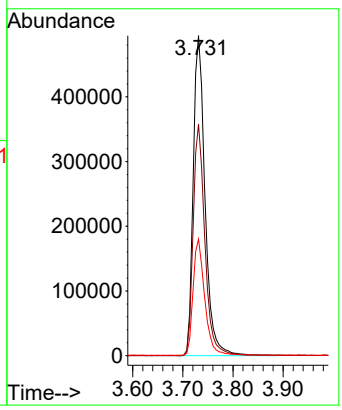




#3
Pyridine
Concen: 78.572 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 79 Resp: 80726

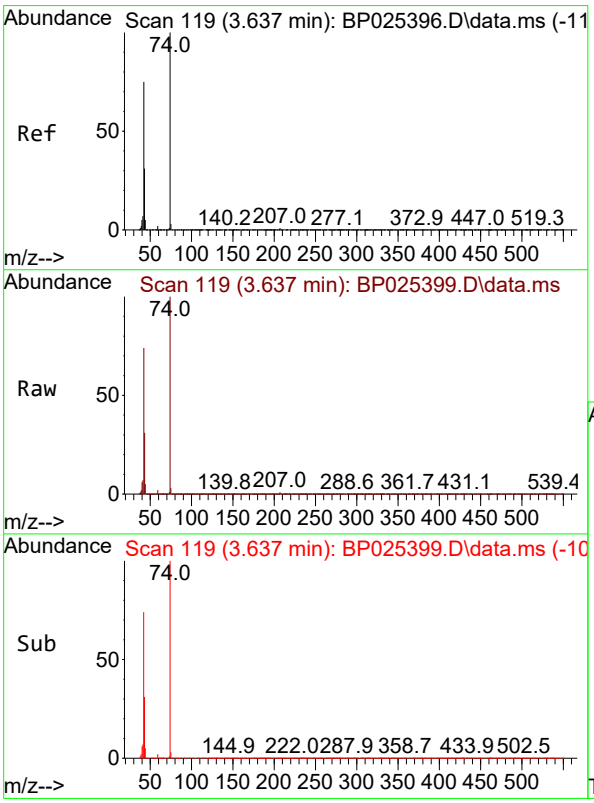
Ion	Ratio	Lower	Upper
79	100		
52	72.4	55.5	83.3
51	36.4	28.3	42.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

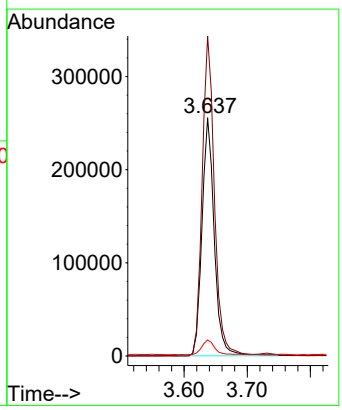
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

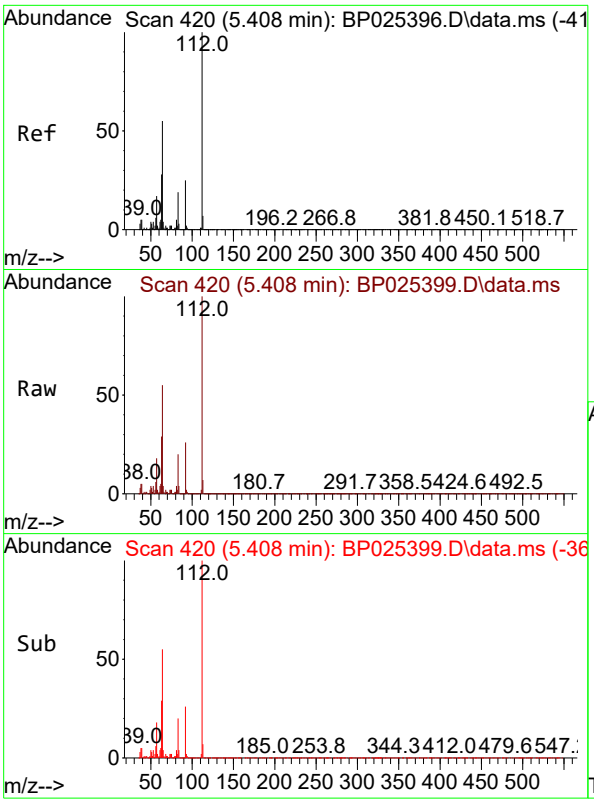


#4
n-Nitrosodimethylamine
Concen: 81.296 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 42 Resp: 344349

Ion	Ratio	Lower	Upper
42	100		
74	134.3	107.0	160.4
44	6.7	6.2	9.4

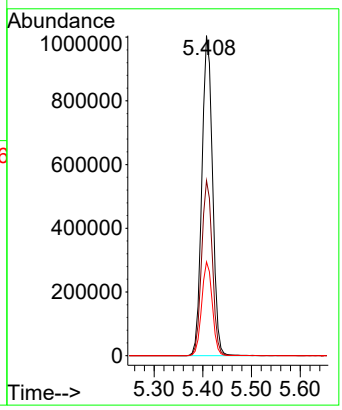




#5
2-Fluorophenol
Concen: 159.254 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:112 Resp: 152616

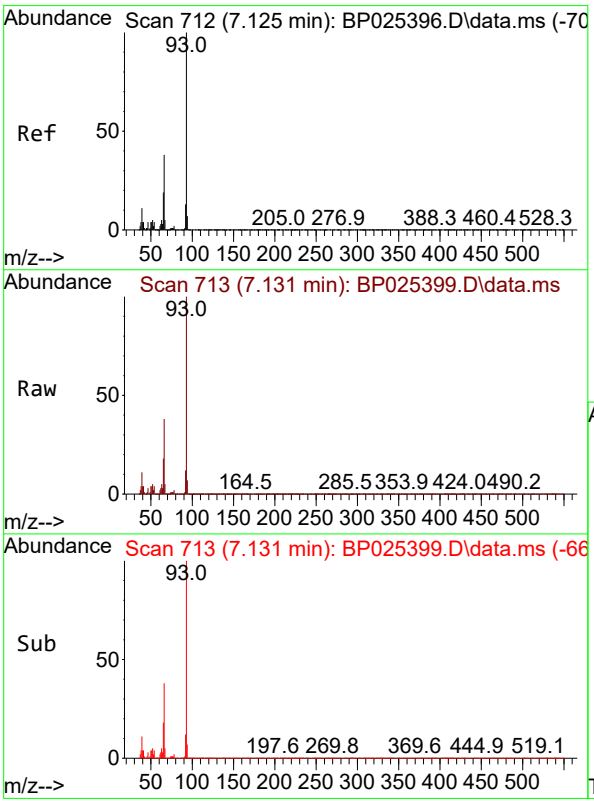
Ion	Ratio	Lower	Upper
112	100		
64	54.7	43.8	65.8
63	29.3	22.7	34.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

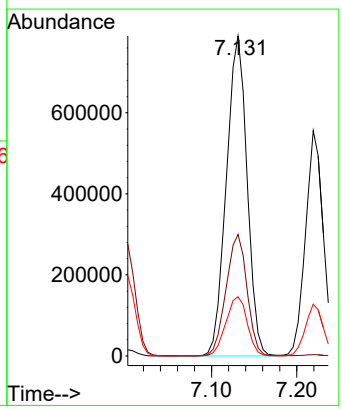
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

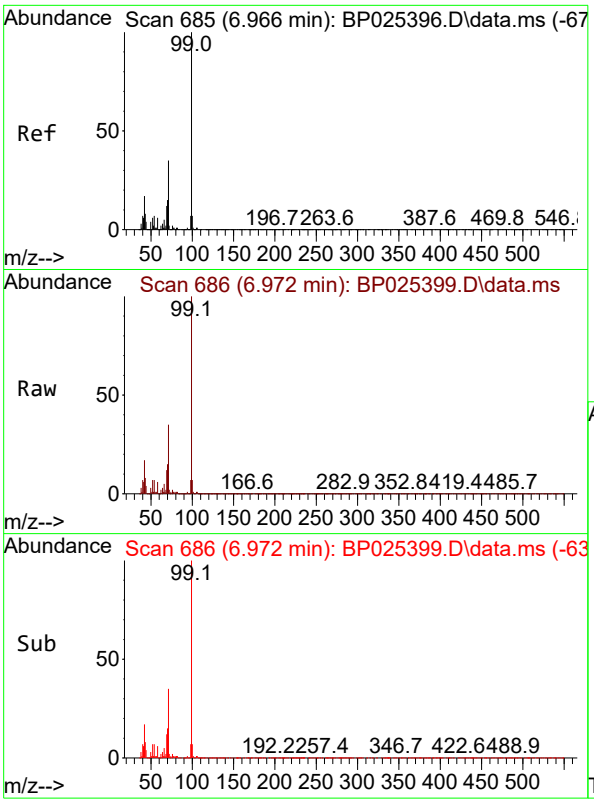


#6
Aniline
Concen: 80.538 ng
RT: 7.131 min Scan# 713
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

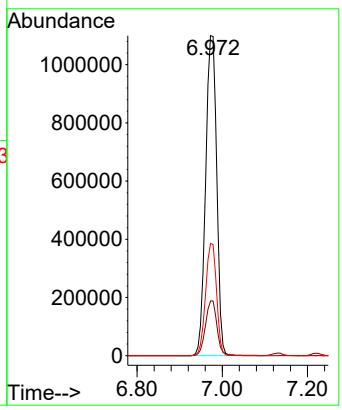




#7
Phenol-d6
Concen: 161.937 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 99 Resp: 198963

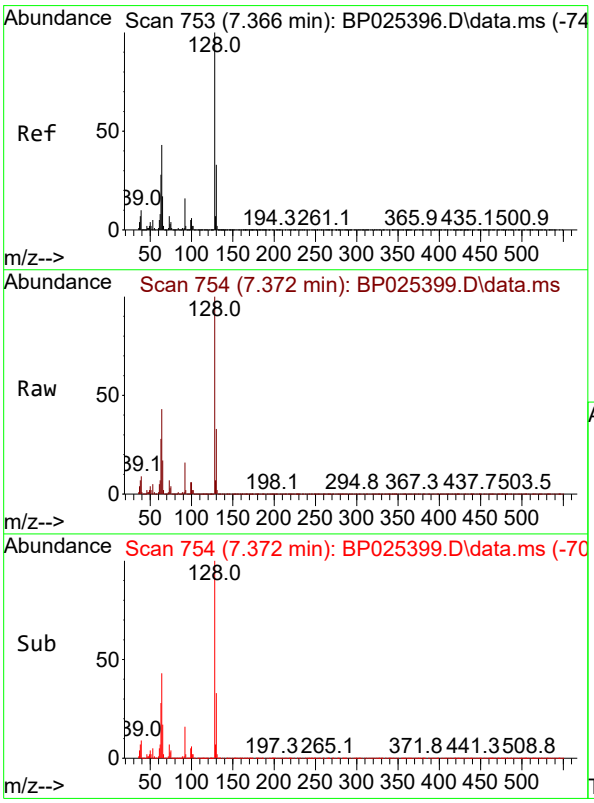
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.7	20.5
71	35.1	28.2	42.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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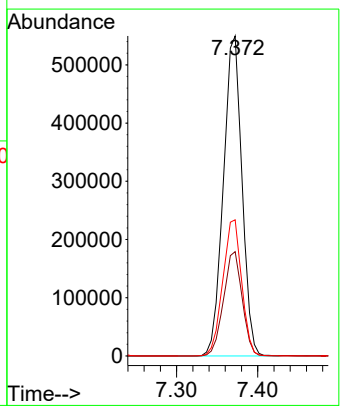
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

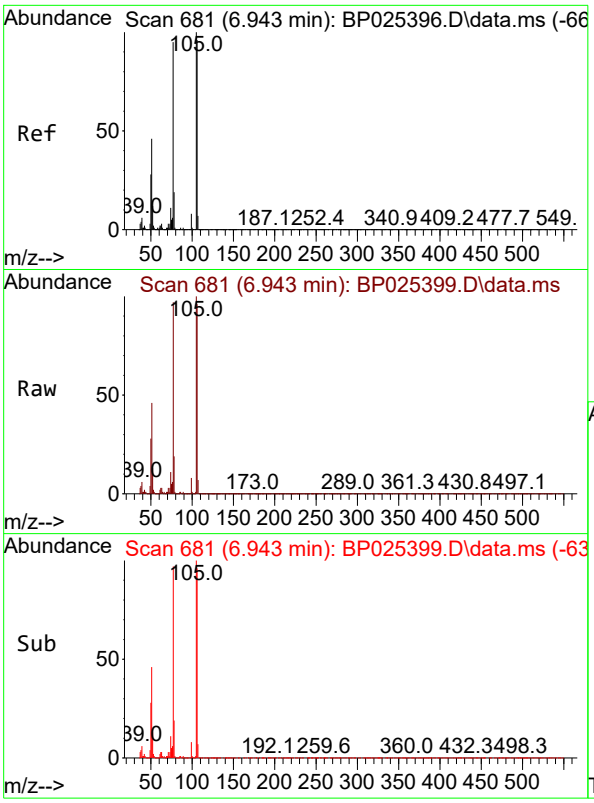


#8
2-Chlorophenol
Concen: 81.104 ng
RT: 7.372 min Scan# 754
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:128 Resp: 877073

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	42.5	23.4	63.4

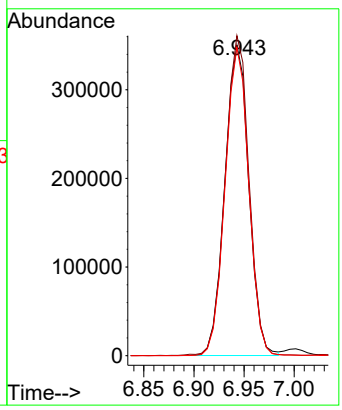




#9
Benzaldehyde
Concen: 67.651 ng
RT: 6.943 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 77 Resp: 58234

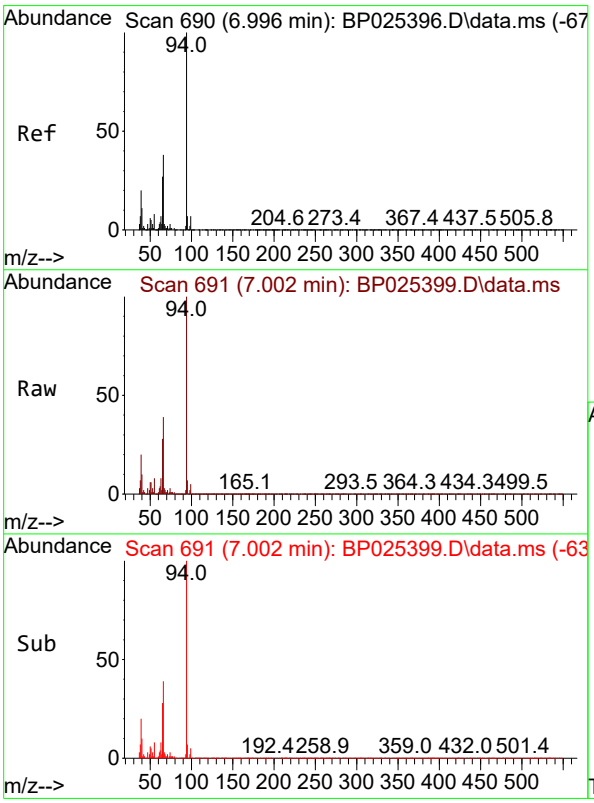
Ion	Ratio	Lower	Upper
77	100		
105	103.0	84.8	124.8
106	99.3	80.5	120.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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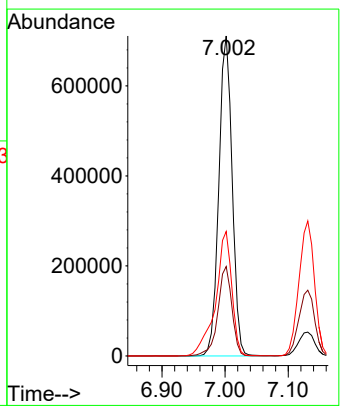
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

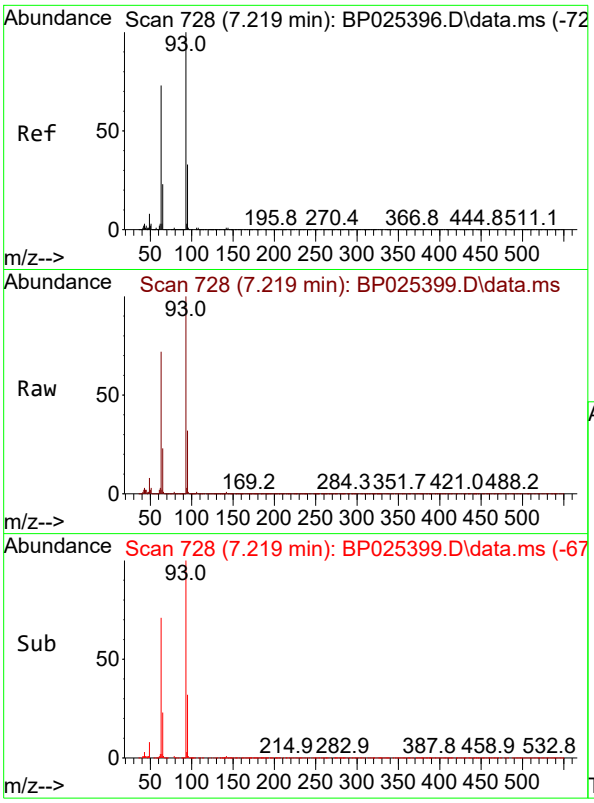


#10
Phenol
Concen: 80.710 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

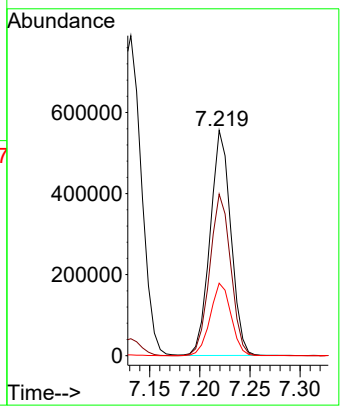




#11
bis(2-Chloroethyl)ether
Concen: 79.481 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 93 Resp: 79867

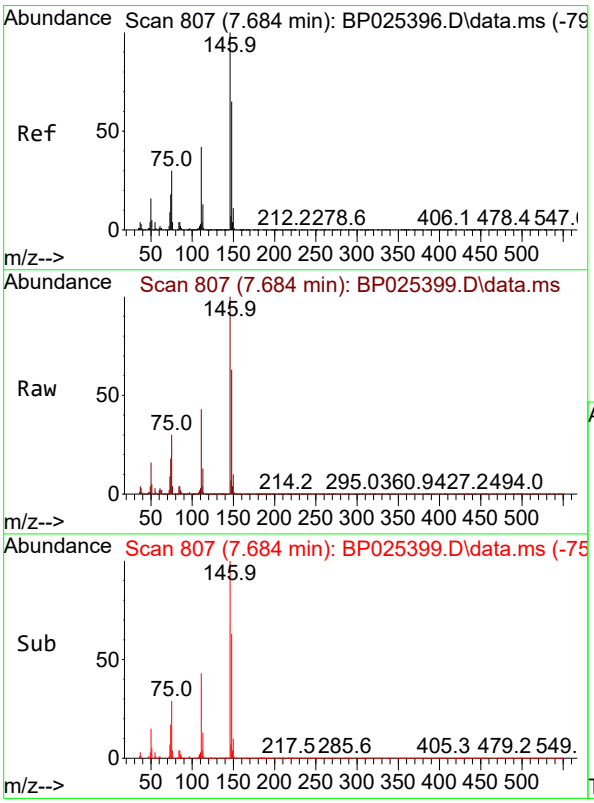
Ion	Ratio	Lower	Upper
93	100		
63	71.7	52.6	92.6
95	32.2	12.7	52.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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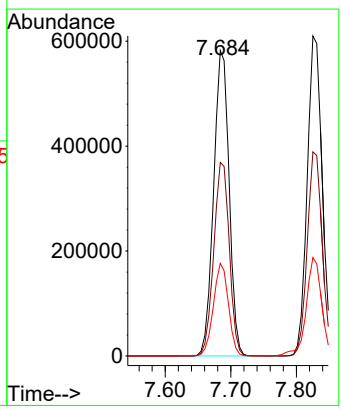
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

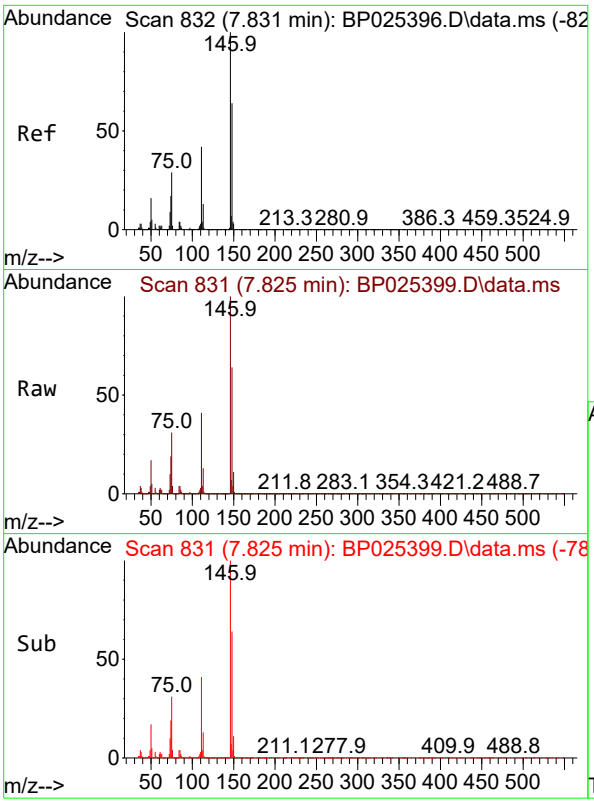


#12
1,3-Dichlorobenzene
Concen: 79.718 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

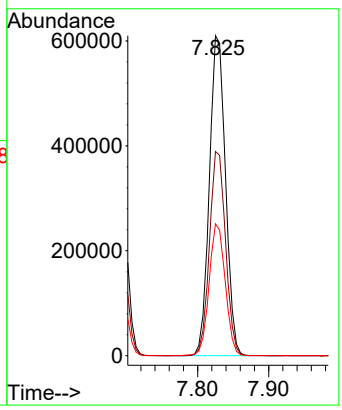
Tgt Ion:146 Resp: 96142

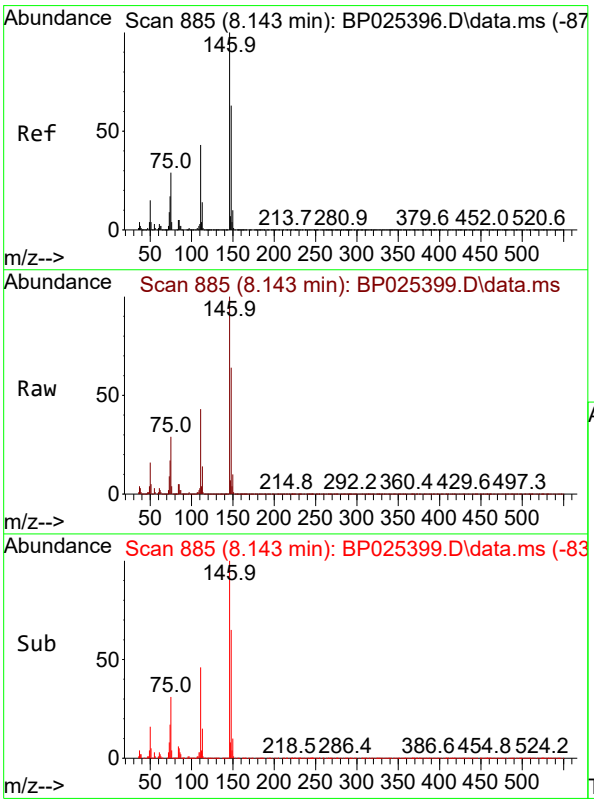
Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.6	77.4
111	41.2	33.4	50.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

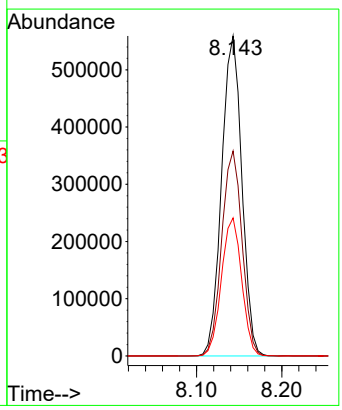


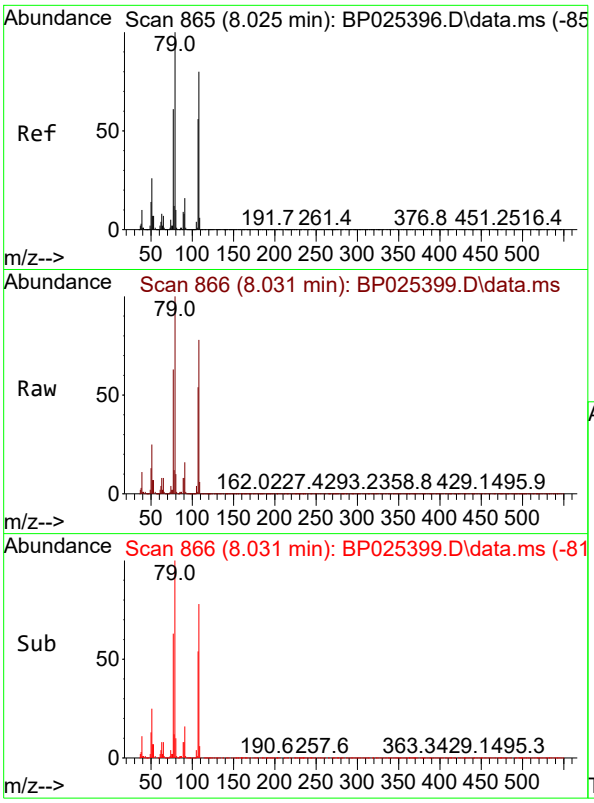


#14
1,2-Dichlorobenzene
Concen: 78.203 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:146 Resp: 922658

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.4	75.6
111	43.1	34.5	51.7





#15
Benzyl Alcohol
Concen: 81.498 ng
RT: 8.031 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

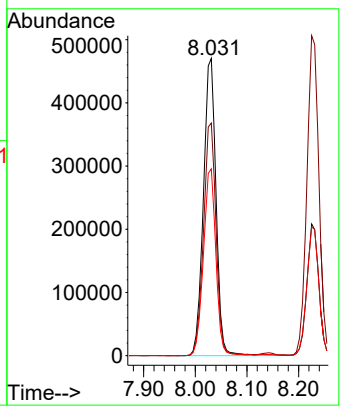
Tgt Ion: 79 Resp: 79561

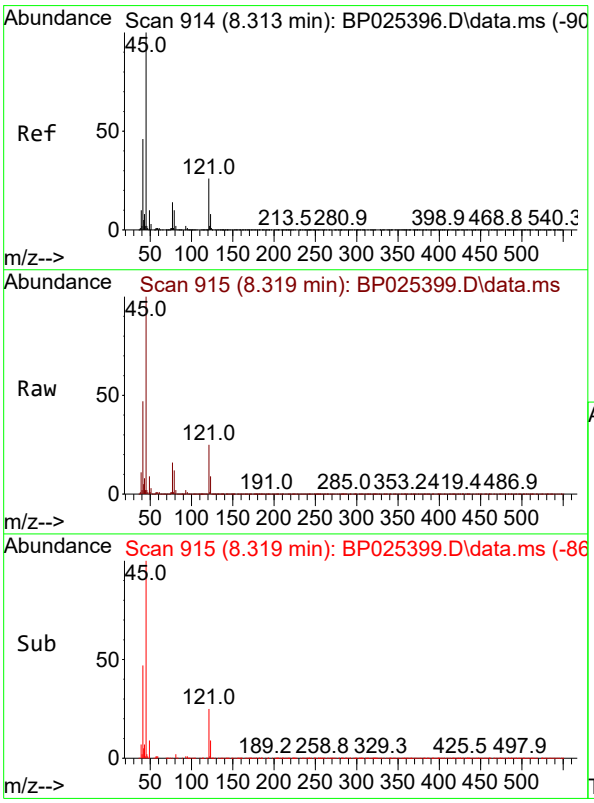
Ion	Ratio	Lower	Upper
79	100		
108	78.3	63.8	95.6
77	62.8	49.0	73.4

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

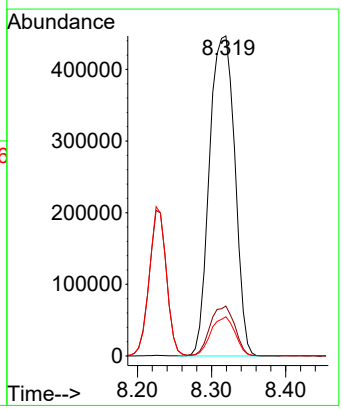


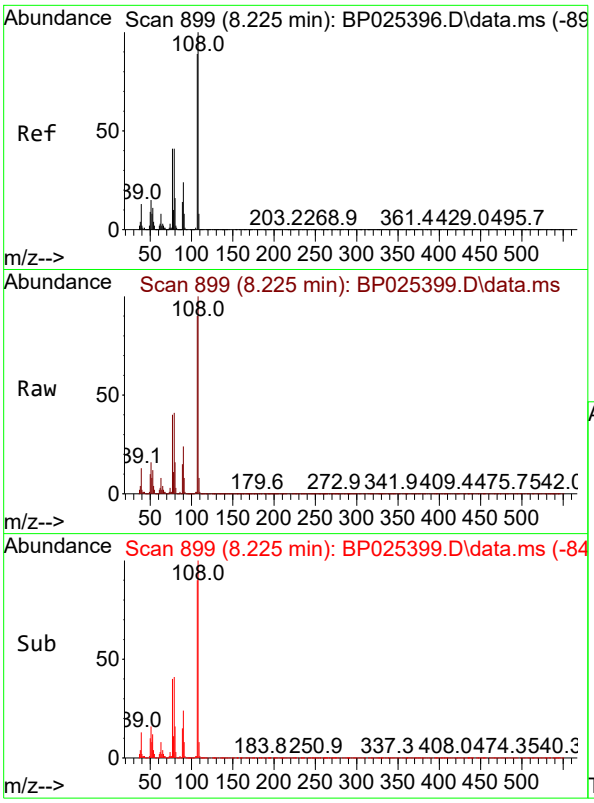


#16
2,2'-oxybis(1-Chloropropane)
Concen: 78.732 ng
RT: 8.319 min Scan# 915
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 45 Resp: 1059824

Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	35.3
79	12.2	0.0	31.8

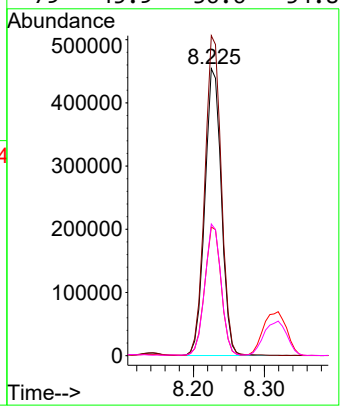




#17
2-Methylphenol
Concen: 82.028 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:107 Resp: 73448

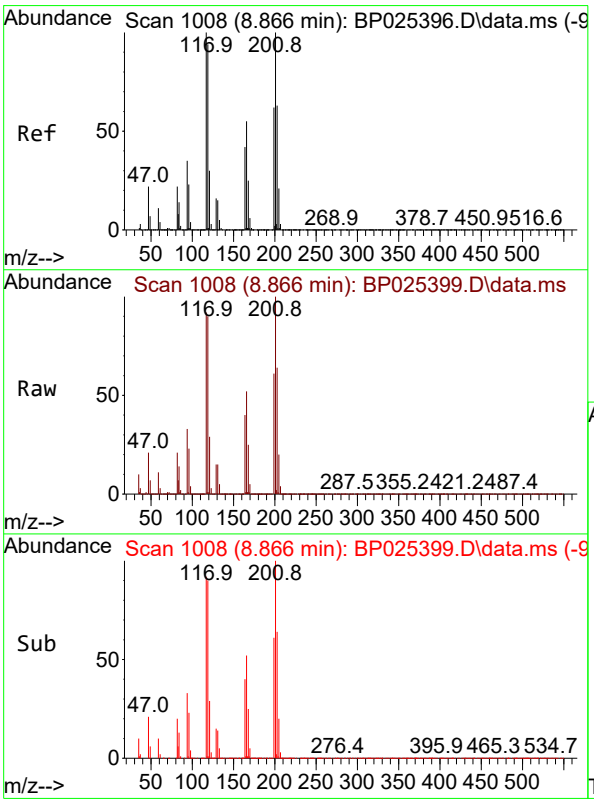
Ion	Ratio	Lower	Upper
107	100		
108	111.5	89.4	134.0
77	44.8	36.3	54.5
79	45.9	36.6	54.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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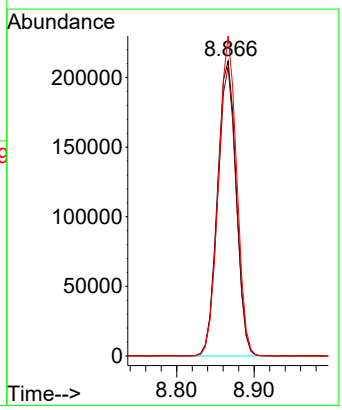
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

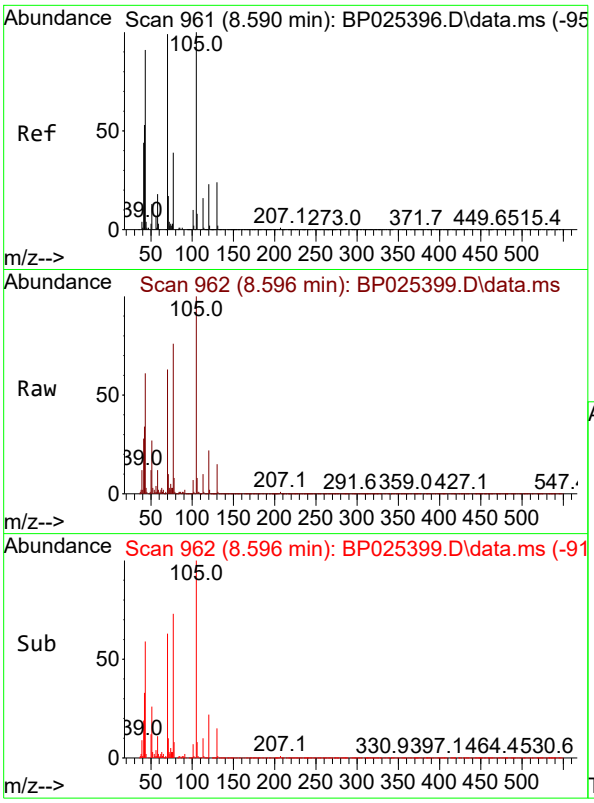


#18
Hexachloroethane
Concen: 79.395 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:117 Resp: 355791

Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.1	112.7
201	108.5	80.1	120.1

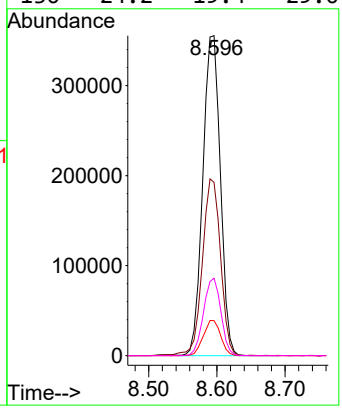




#19
n-Nitroso-di-n-propylamine
Concen: 78.102 ng
RT: 8.596 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 70 Resp: 63638

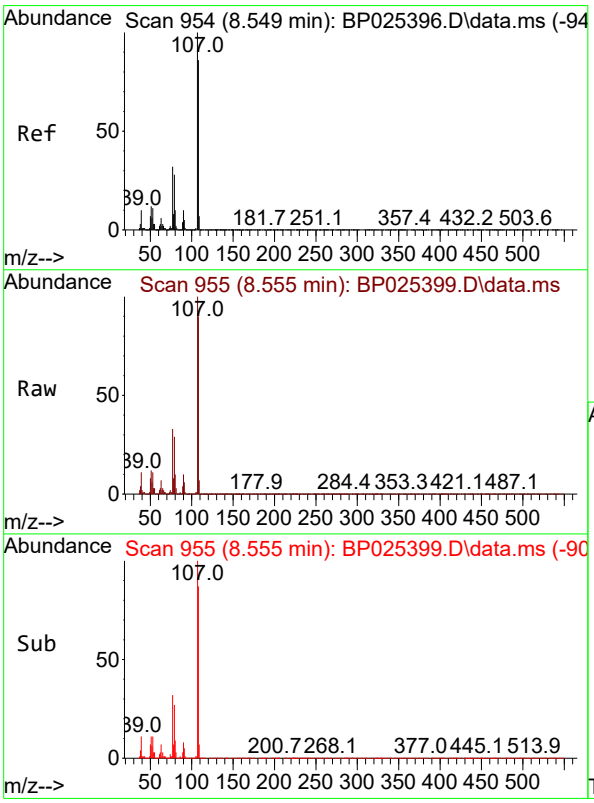
Ion	Ratio	Lower	Upper
70	100		
42	54.2	43.8	65.6
101	11.0	8.5	12.7
130	24.2	19.4	29.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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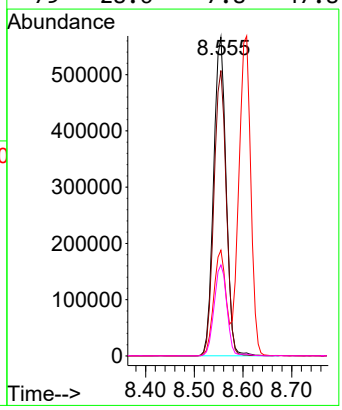
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

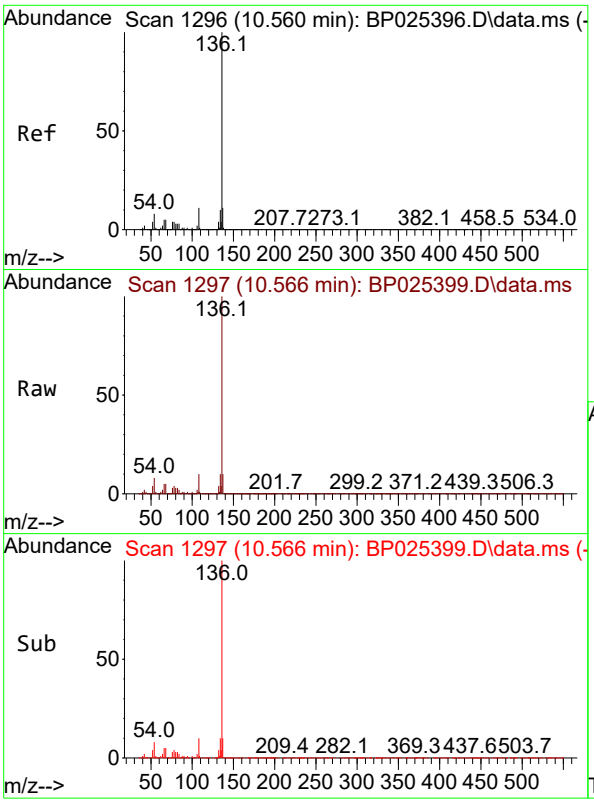


#20
3+4-Methylphenols
Concen: 81.023 ng
RT: 8.555 min Scan# 955
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

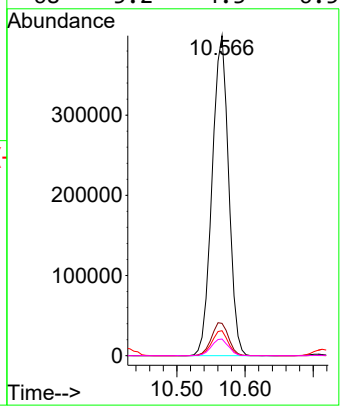




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:136 Resp: 673018

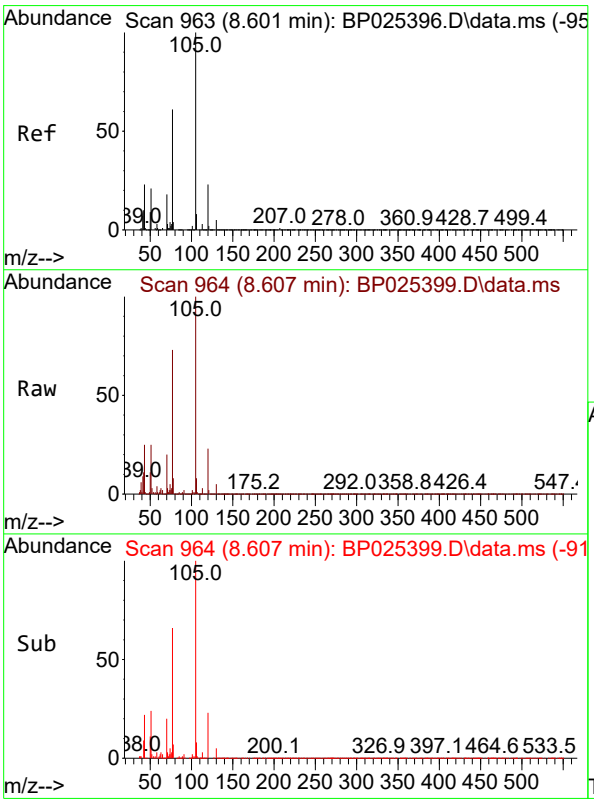
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	7.8	6.0	9.0
68	5.2	4.3	6.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

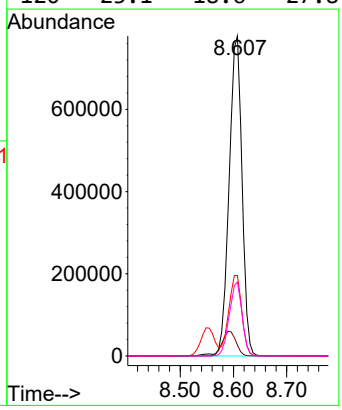
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

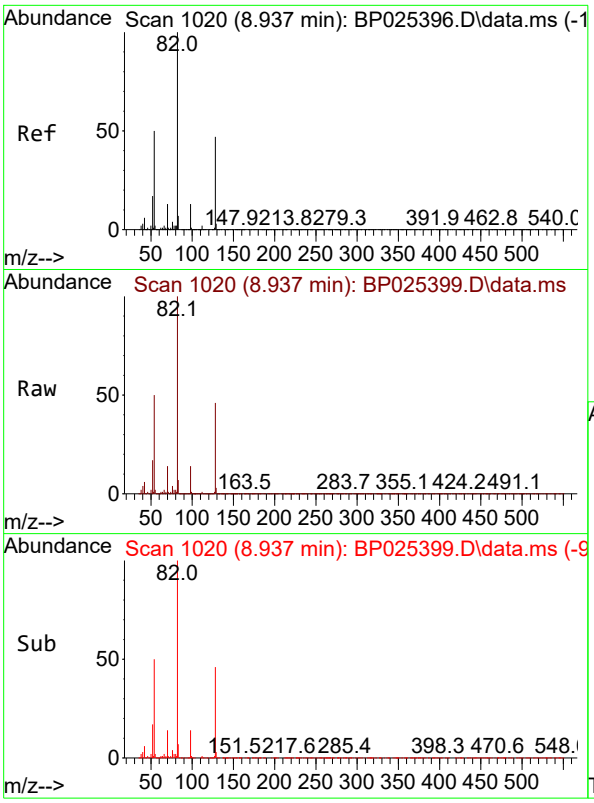


#22
Acetophenone
Concen: 77.886 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:105 Resp: 1314548

Ion	Ratio	Lower	Upper
105	100		
71	3.4	2.6	4.0
51	25.1	20.6	30.8
120	23.1	18.6	27.8

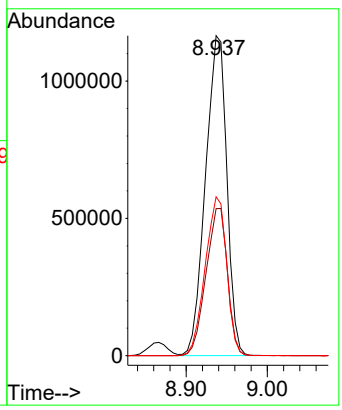




#23
Nitrobenzene-d5
Concen: 159.609 ng
RT: 8.937 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 82 Resp: 212352

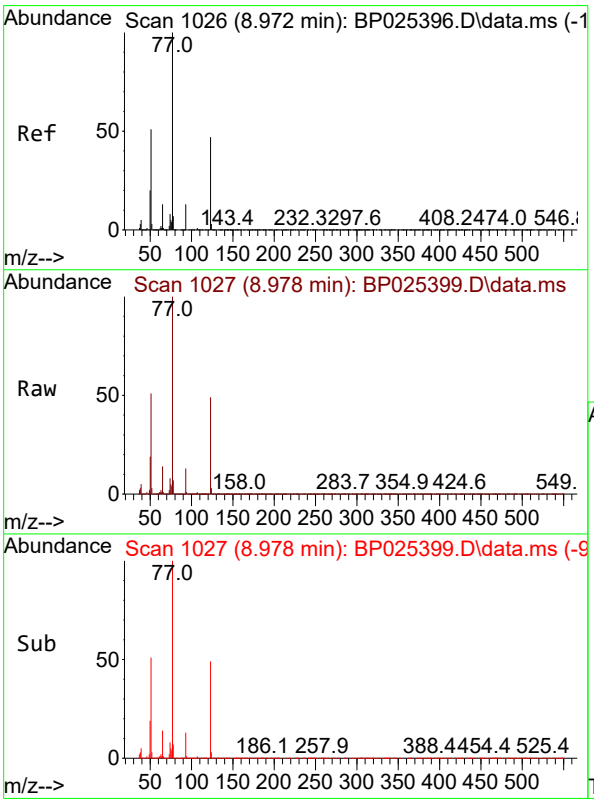
Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.7	56.5
54	49.7	39.8	59.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

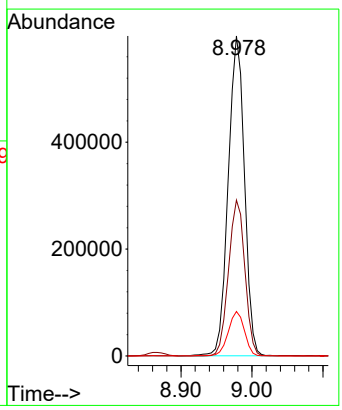
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

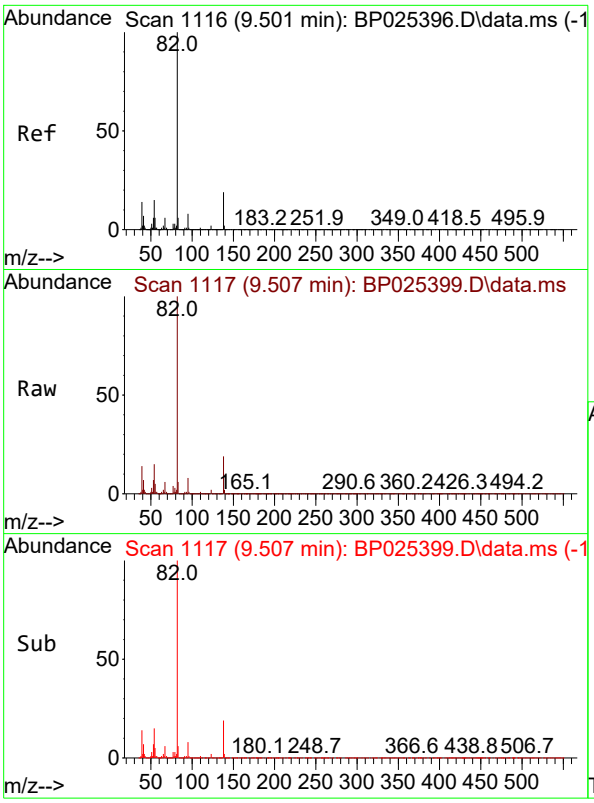


#24
Nitrobenzene
Concen: 79.686 ng
RT: 8.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

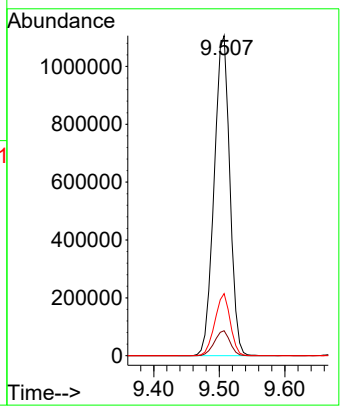




#25
Isophorone
Concen: 77.708 ng
RT: 9.507 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 82 Resp: 182967

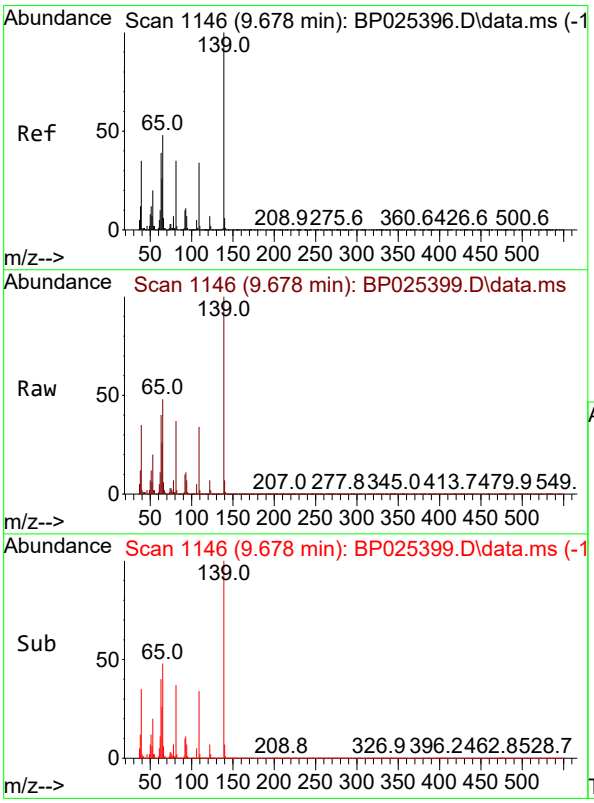
Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.4	9.6
138	19.4	15.4	23.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

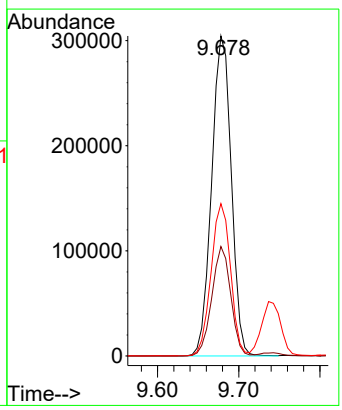
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

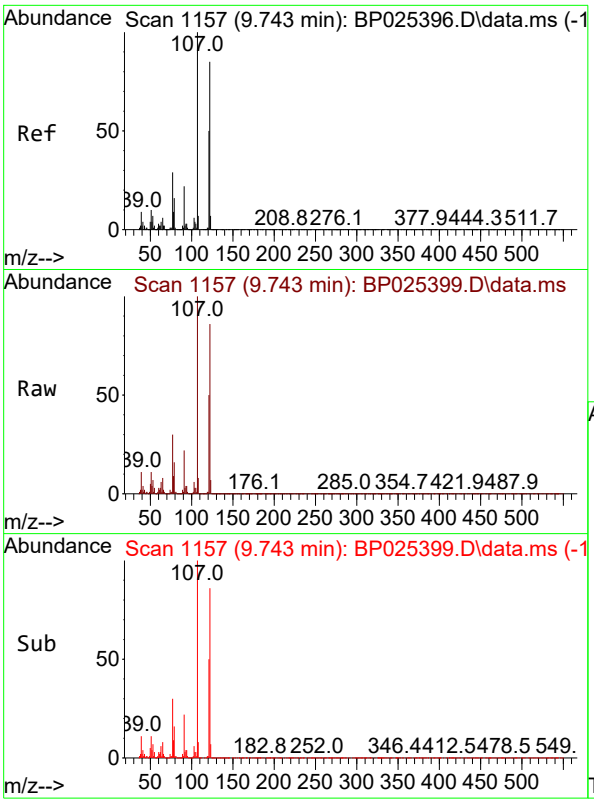


#26
2-Nitrophenol
Concen: 83.872 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:139 Resp: 511806

Ion	Ratio	Lower	Upper
139	100		
109	34.2	26.9	40.3
65	47.6	38.3	57.5

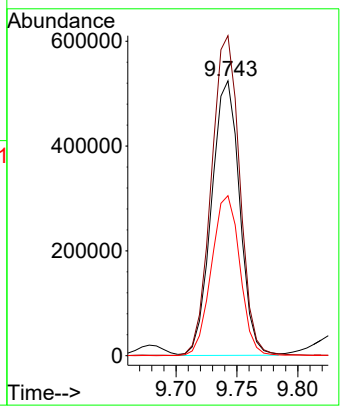




#27
2,4-Dimethylphenol
Concen: 80.280 ng
RT: 9.743 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:122 Resp: 84246

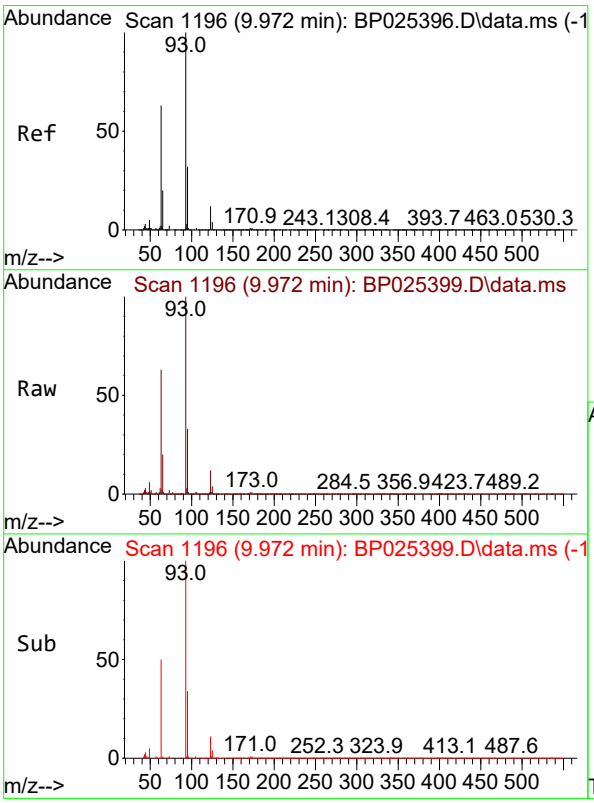
Ion	Ratio	Lower	Upper
122	100		
107	116.4	93.7	140.5
121	58.2	46.6	69.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

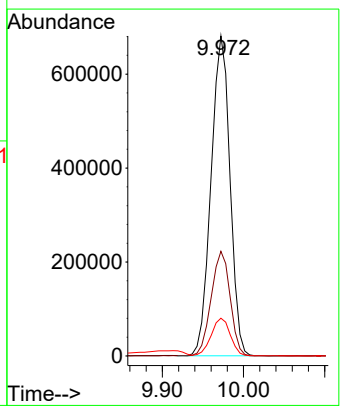
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

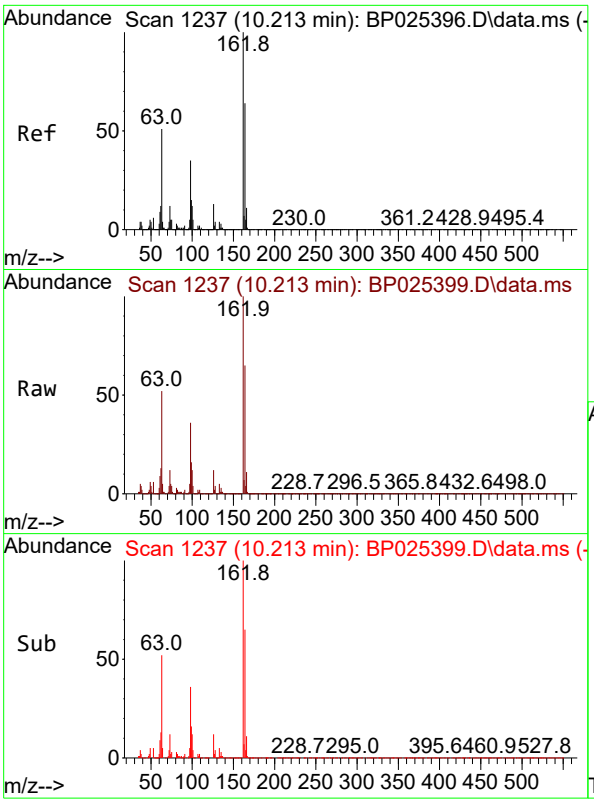


#28
bis(2-Chloroethoxy)methane
Concen: 77.542 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

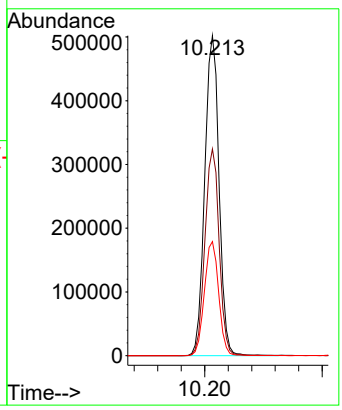




#29
2,4-Dichlorophenol
Concen: 81.037 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:162 Resp: 84478

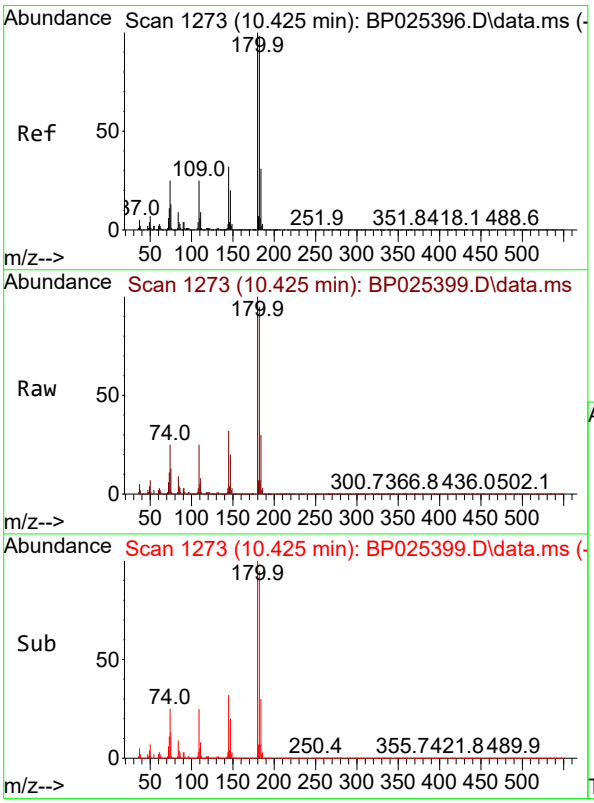
Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.4	84.4
98	35.6	14.9	54.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

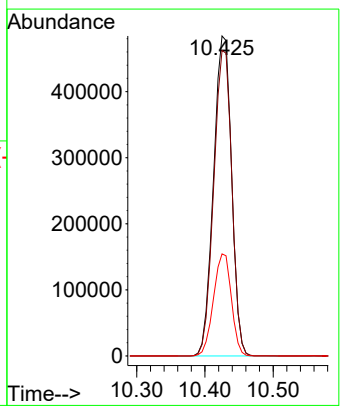
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

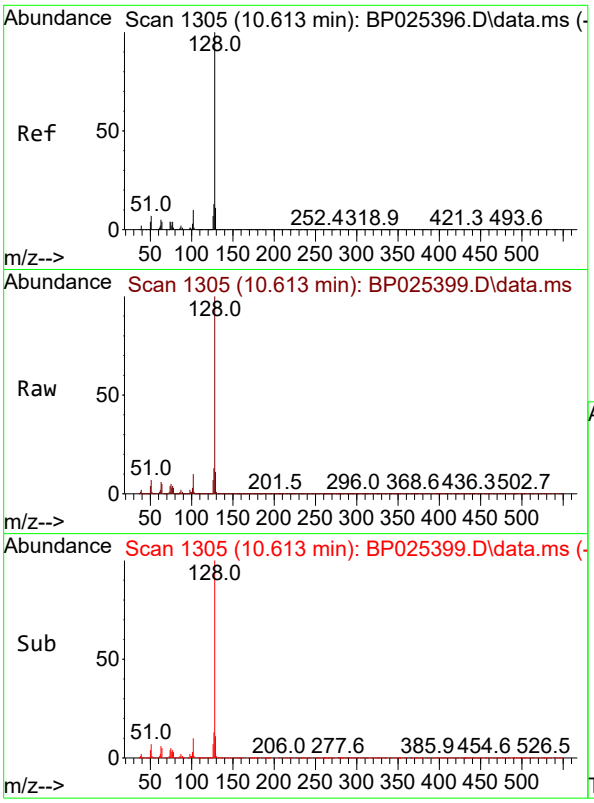


#30
1,2,4-Trichlorobenzene
Concen: 78.123 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

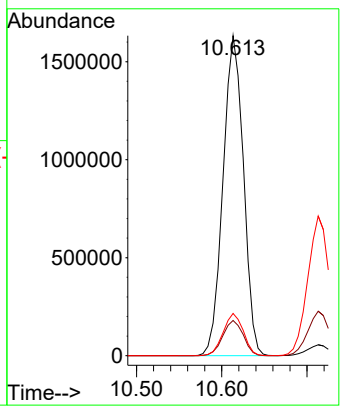




#31
Naphthalene
Concen: 77.835 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:128 Resp: 272270

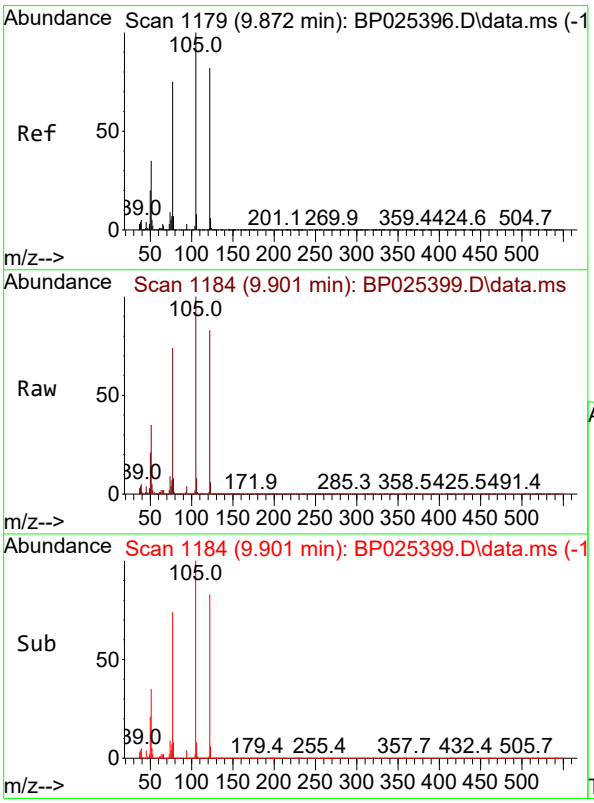
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.2	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

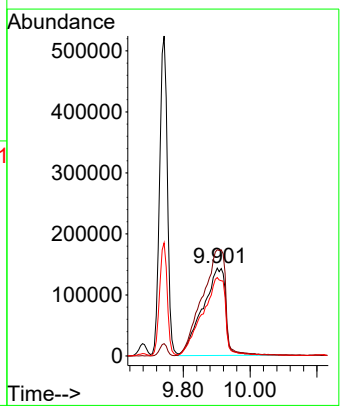
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

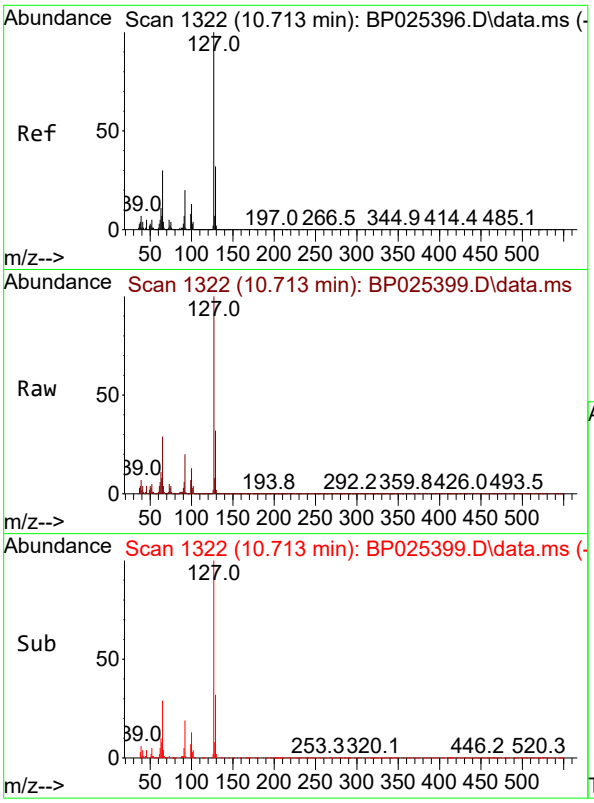


#32
Benzoic acid
Concen: 88.861 ng
RT: 9.901 min Scan# 1184
Delta R.T. 0.029 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:122 Resp: 686791

Ion	Ratio	Lower	Upper
122	100		
105	121.0	100.6	140.6
77	89.3	71.5	111.5

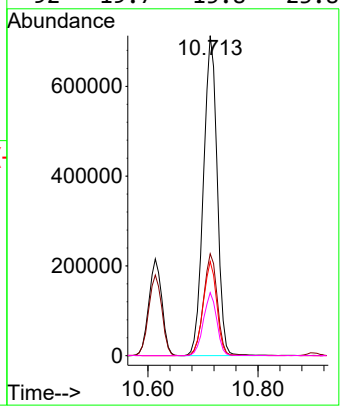




#33
4-Chloroaniline
Concen: 79.761 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:127 Resp: 123243

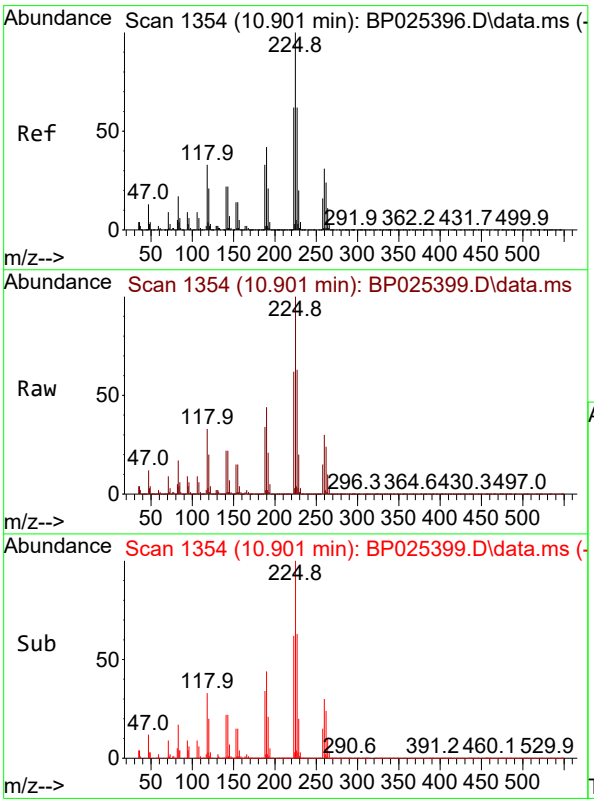
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.4	38.2
65	29.4	23.8	35.6
92	19.7	15.8	23.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

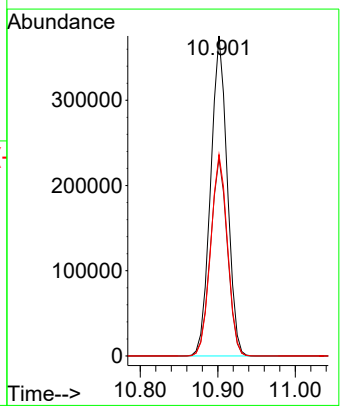
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

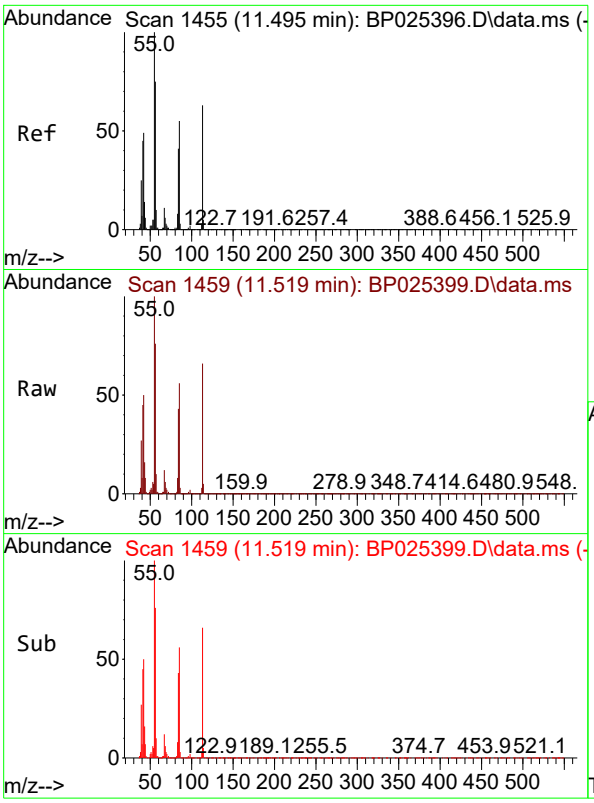


#34
Hexachlorobutadiene
Concen: 78.393 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:225 Resp: 557922

Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.0	75.0
227	62.9	49.7	74.5





#35
Caprolactam
Concen: 79.233 ng
RT: 11.519 min Scan# 14
Delta R.T. 0.024 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

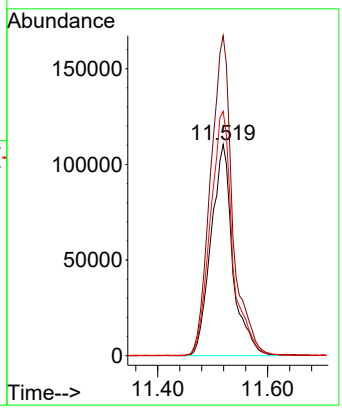
Tgt Ion:113 Resp: 30287

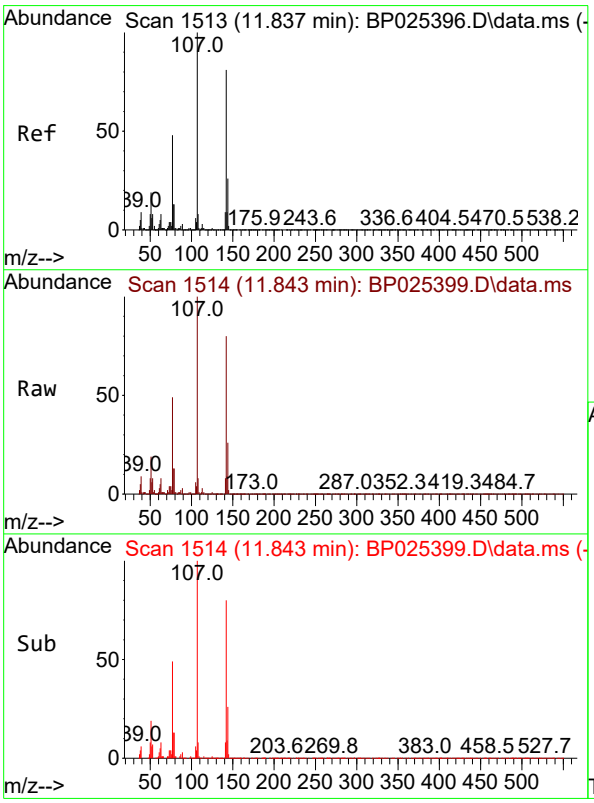
Ion	Ratio	Lower	Upper
113	100		
55	151.5	140.0	180.0
56	115.6	100.0	140.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

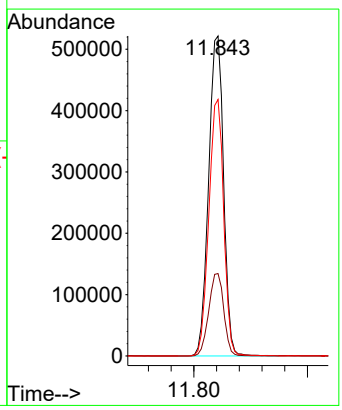


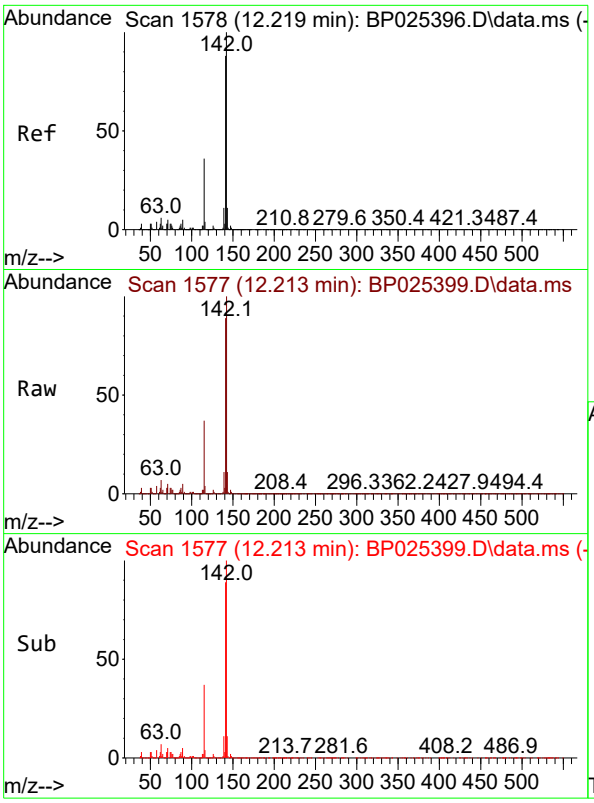


#36
4-Chloro-3-methylphenol
Concen: 79.399 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:107 Resp: 949779

Ion	Ratio	Lower	Upper
107	100		
144	25.7	21.0	31.4
142	80.2	64.6	97.0

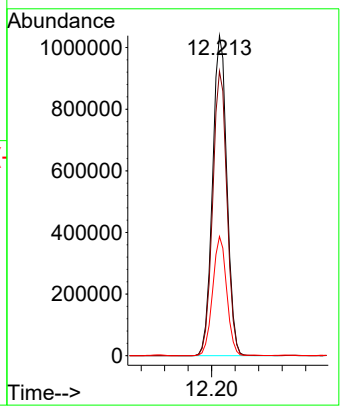




#37
2-Methylnaphthalene
Concen: 77.372 ng
RT: 12.213 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:142 Resp: 176132

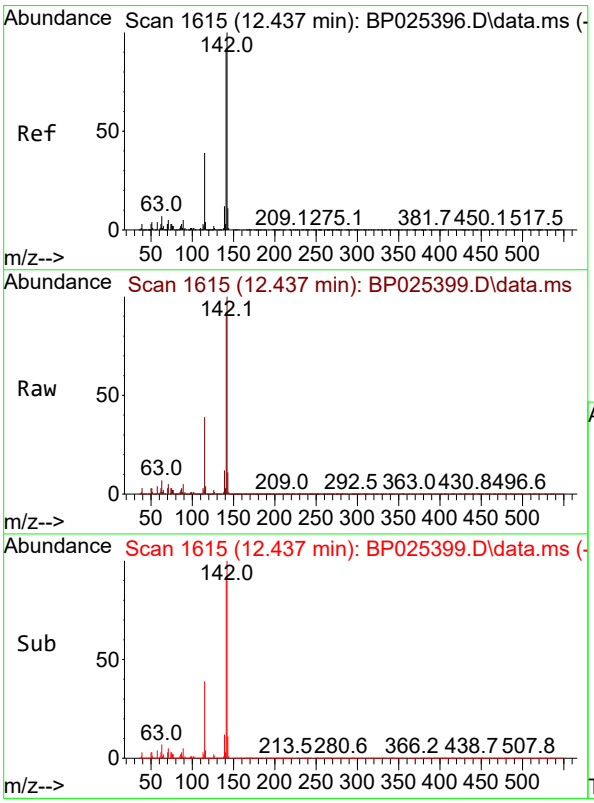
Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.3	105.5
115	37.2	28.9	43.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

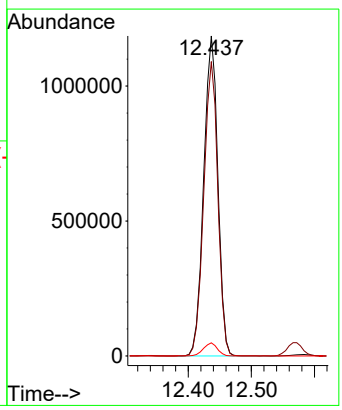
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

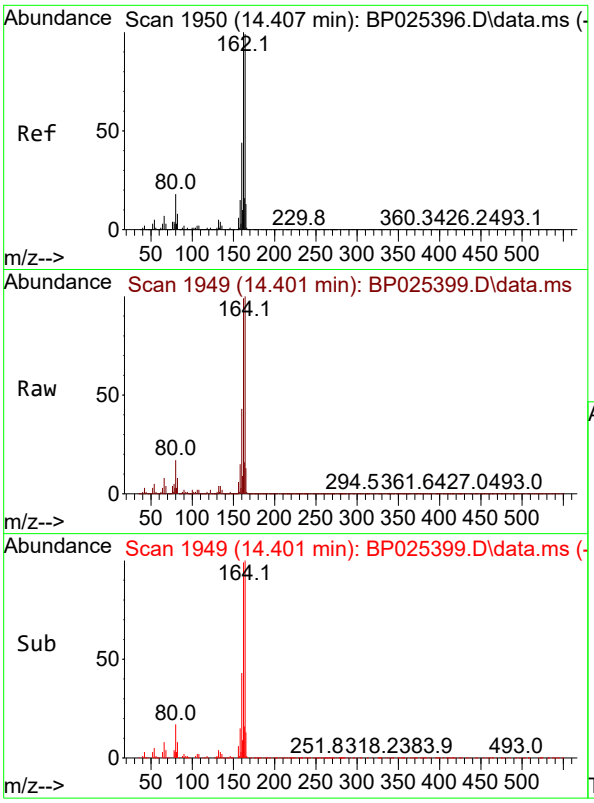


#38
1-Methylnaphthalene
Concen: 76.186 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:142 Resp: 1844376

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.1	109.7
116	4.1	3.2	4.8

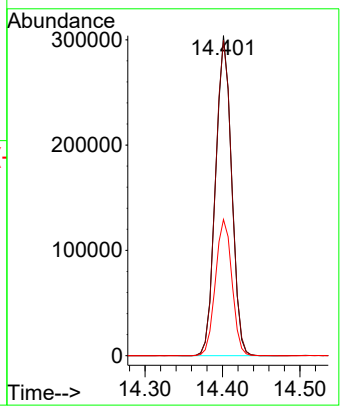




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:164 Resp: 43604

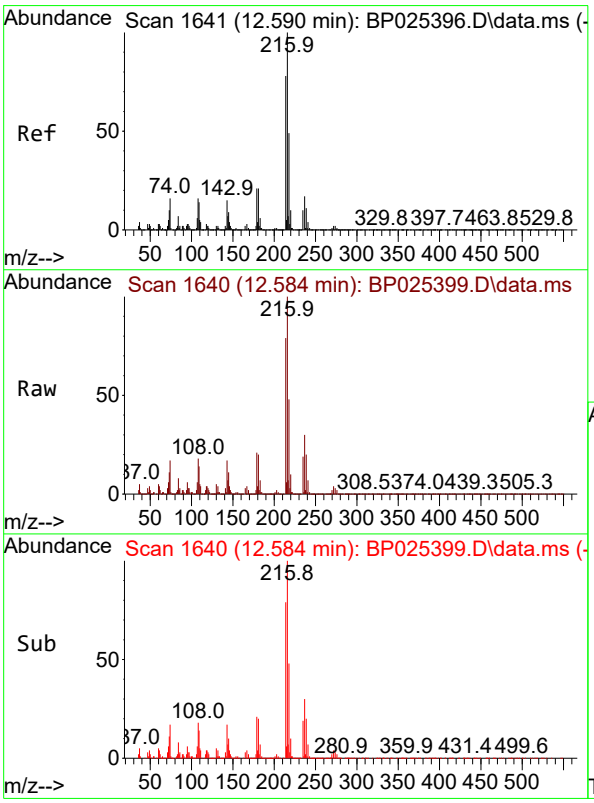
Ion	Ratio	Lower	Upper
164	100		
162	98.6	81.0	121.6
160	42.6	35.4	53.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

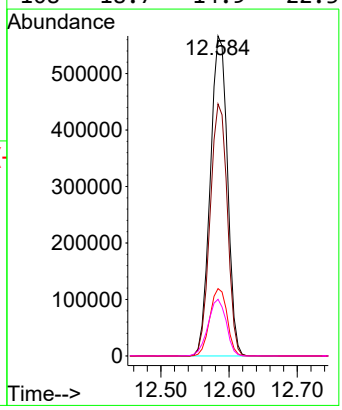
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

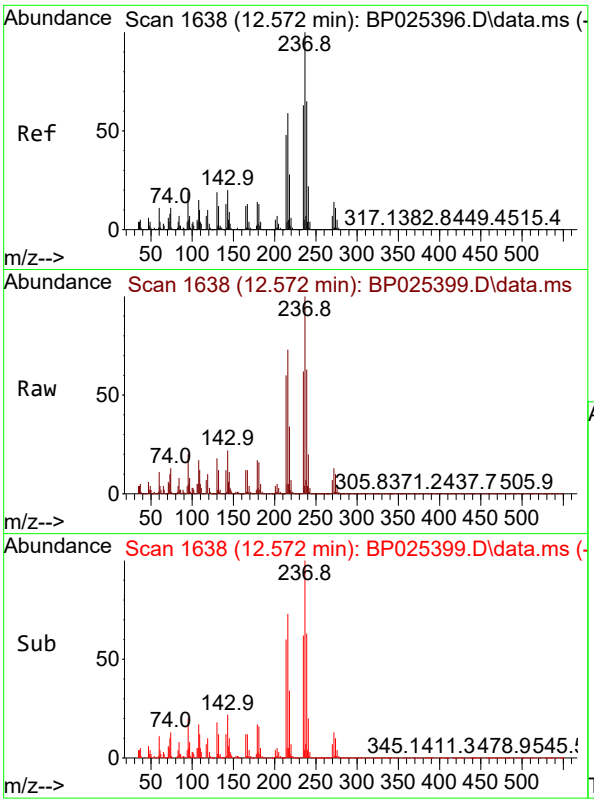


#40
1,2,4,5-Tetrachlorobenzene
Concen: 79.014 ng
RT: 12.584 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:216 Resp: 995064

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	21.2	17.1	25.7
108	18.7	14.9	22.3

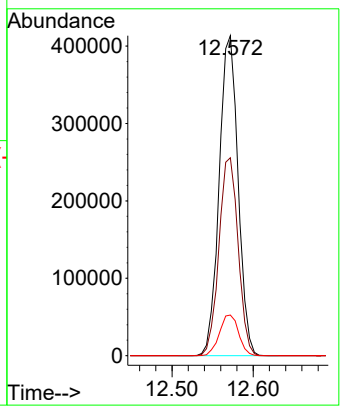




#41
Hexachlorocyclopentadiene
Concen: 87.916 ng
RT: 12.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:237 Resp: 66877

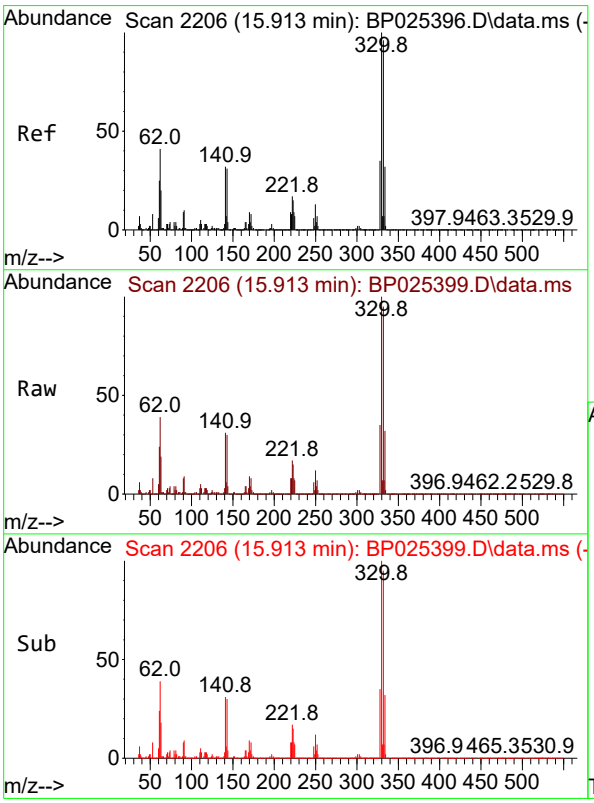
Ion	Ratio	Lower	Upper
237	100		
235	61.9	42.7	82.7
272	12.7	0.0	34.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

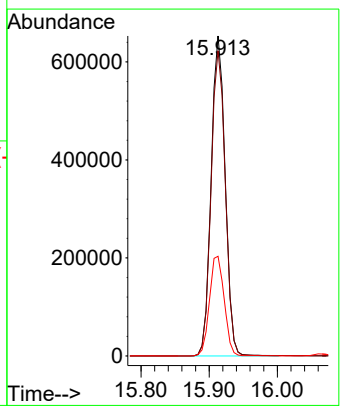
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

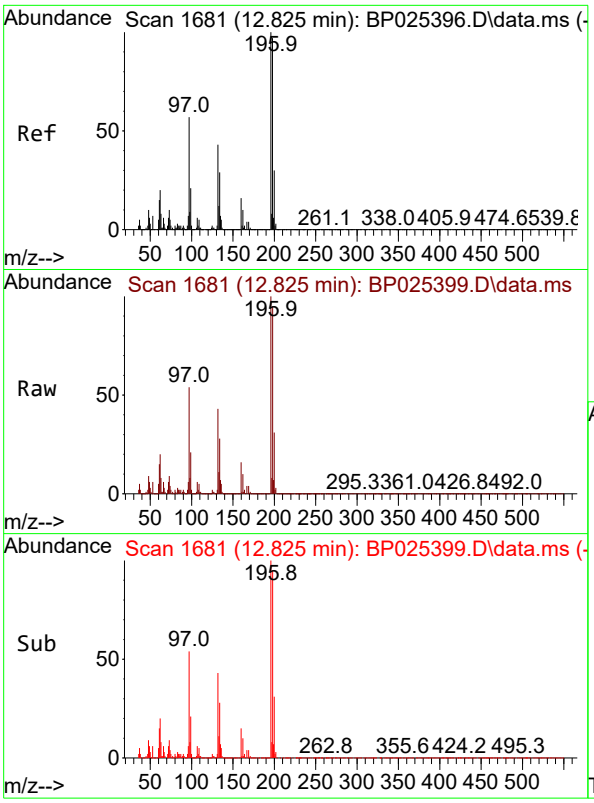


#42
2,4,6-Tribromophenol
Concen: 159.559 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:330 Resp: 936489

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	32.8	26.6	39.8

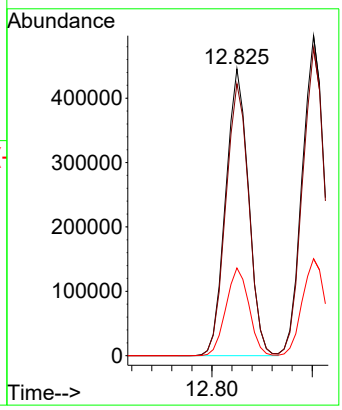




#43
2,4,6-Trichlorophenol
Concen: 83.096 ng
RT: 12.825 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:196 Resp: 70648

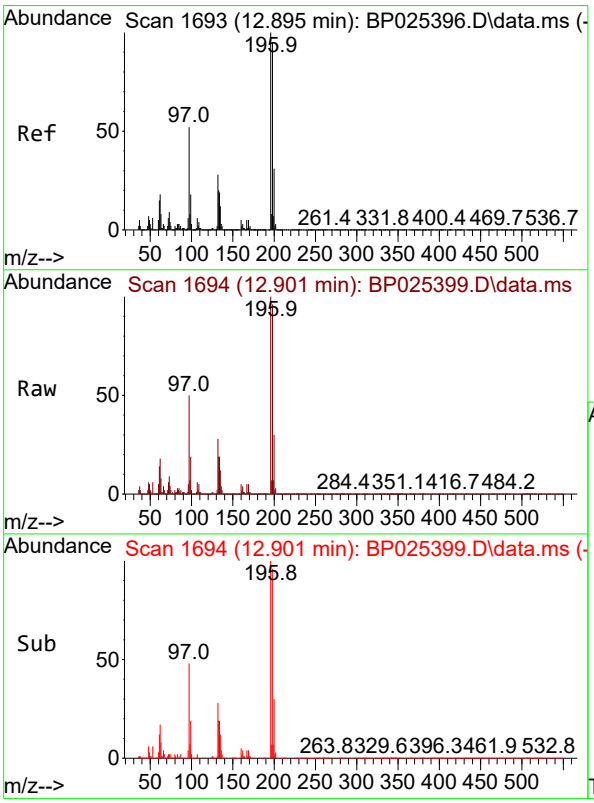
Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.2	115.8
200	30.5	23.9	35.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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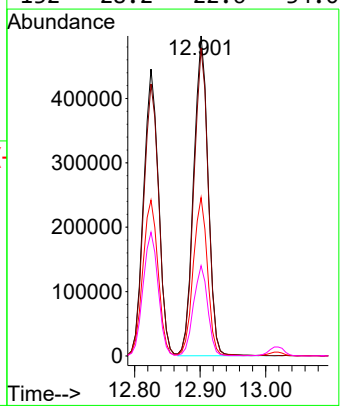
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

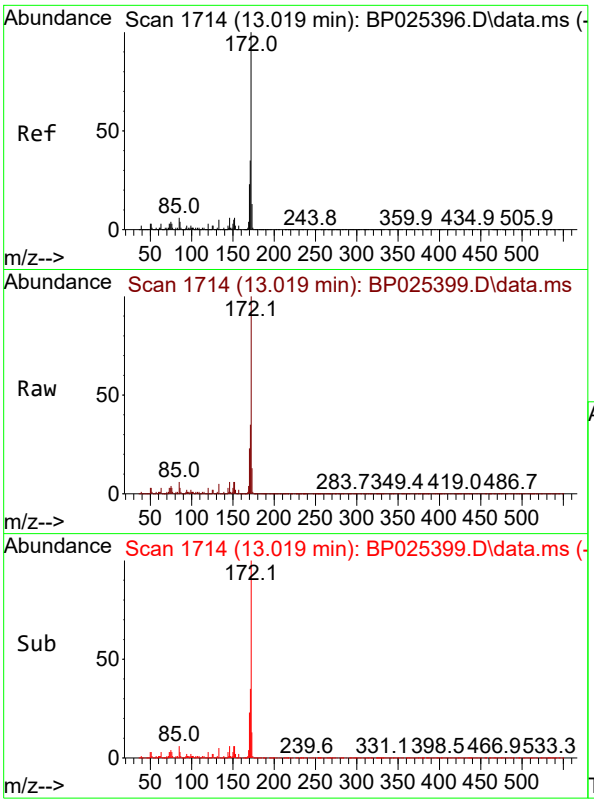


#44
2,4,5-Trichlorophenol
Concen: 81.870 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:196 Resp: 762861

Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.2	114.2
97	49.5	41.2	61.8
132	28.2	22.6	34.0

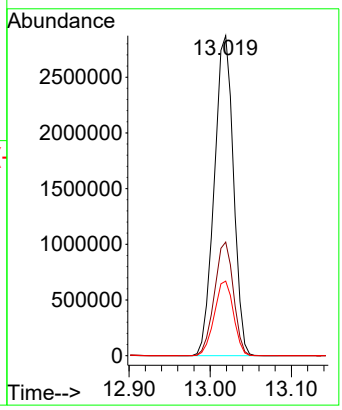




#45
2-Fluorobiphenyl
Concen: 147.705 ng
RT: 13.019 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:172 Resp: 471259

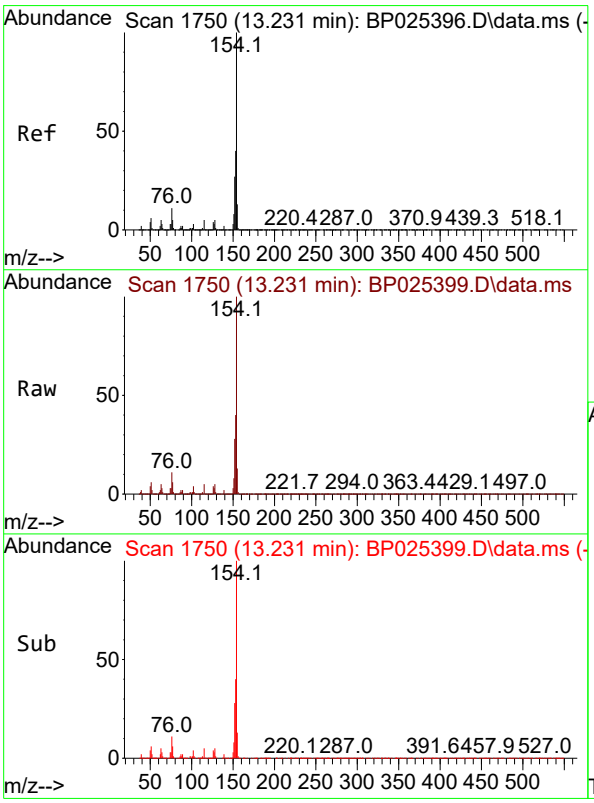
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.1	42.1
170	23.3	18.6	28.0



Instrument :
BNA_P
ClientSampleId :
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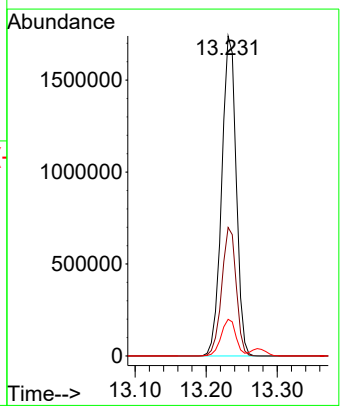
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

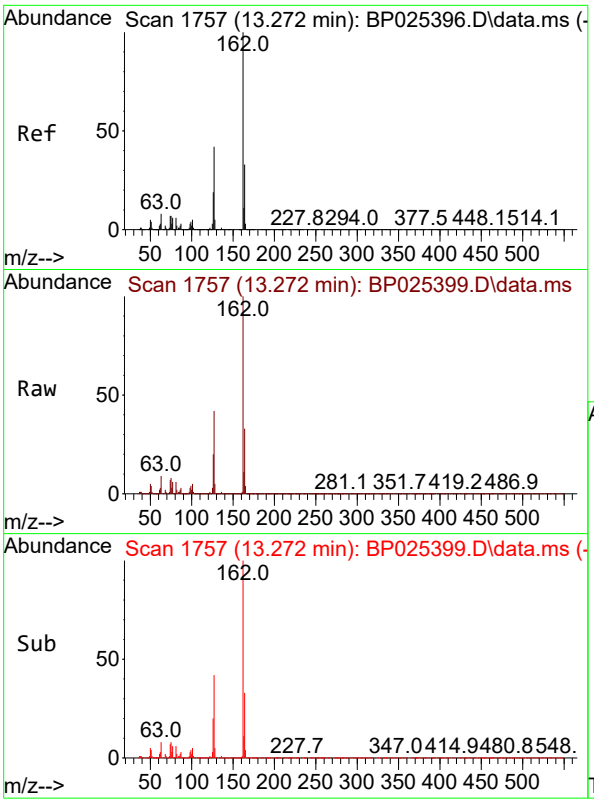


#46
1,1'-Biphenyl
Concen: 77.476 ng
RT: 13.231 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

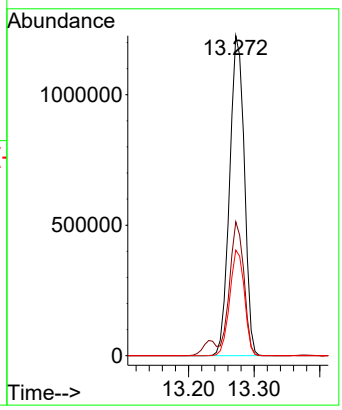




#47
2-Chloronaphthalene
Concen: 77.804 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:162 Resp: 191812

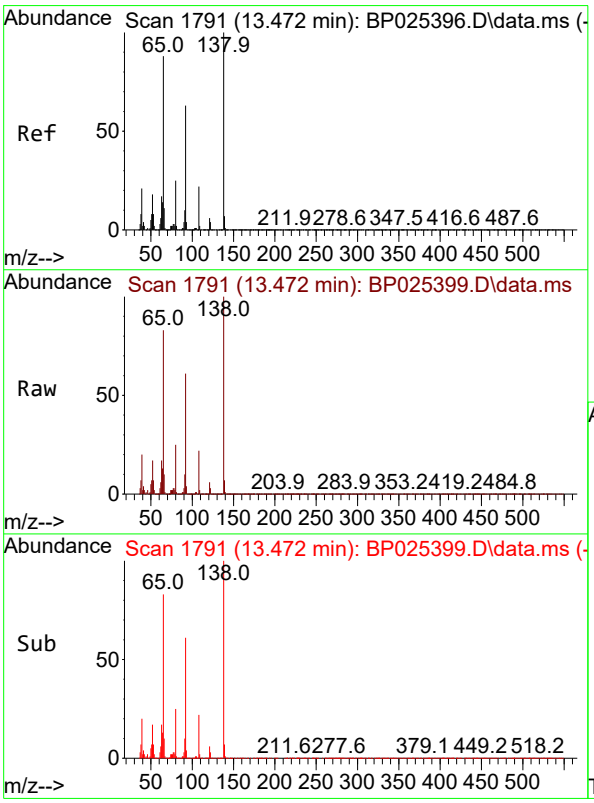
Ion	Ratio	Lower	Upper
162	100		
127	41.9	33.4	50.2
164	33.0	26.2	39.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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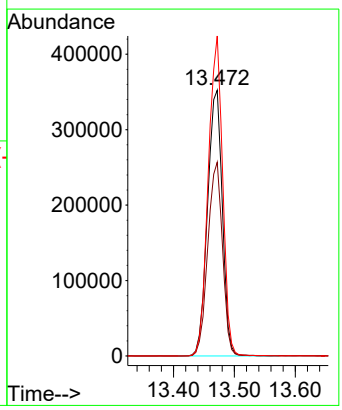
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

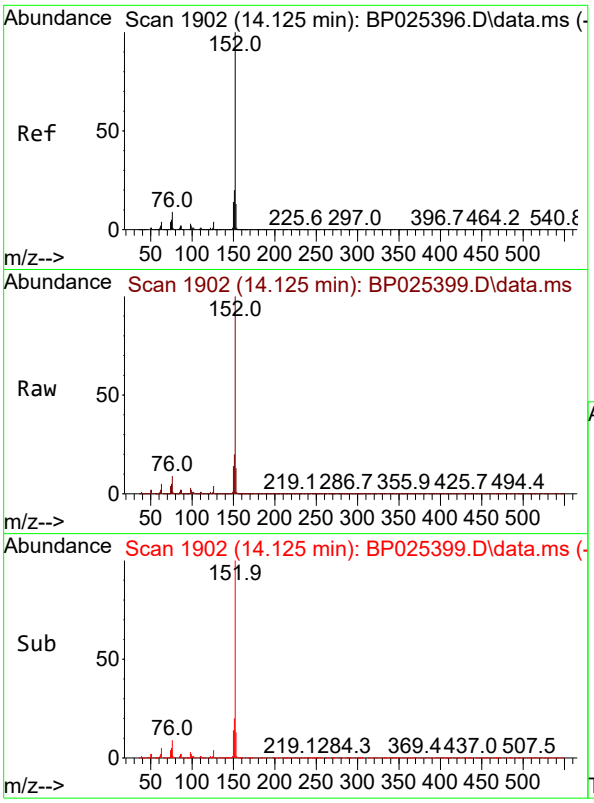


#48
2-Nitroaniline
Concen: 82.788 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

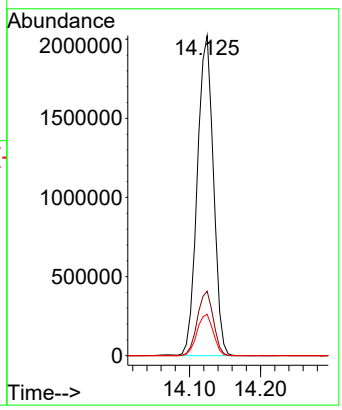




#49
Acenaphthylene
Concen: 78.318 ng
RT: 14.125 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:152 Resp: 319491

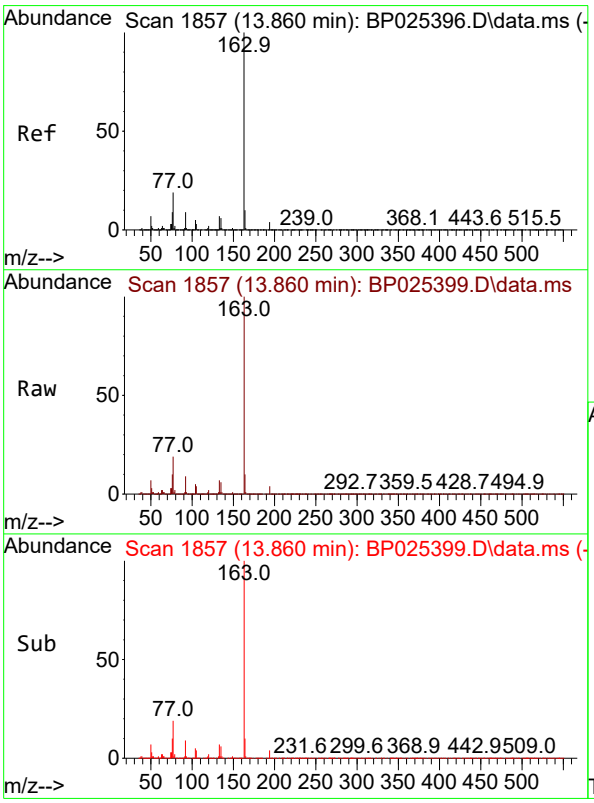
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.0	24.0
153	13.0	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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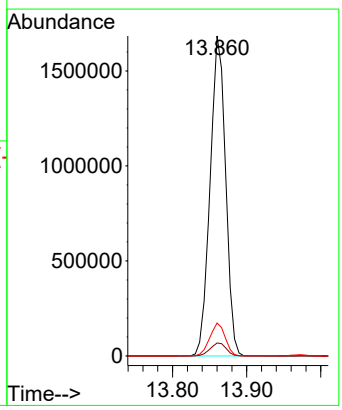
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

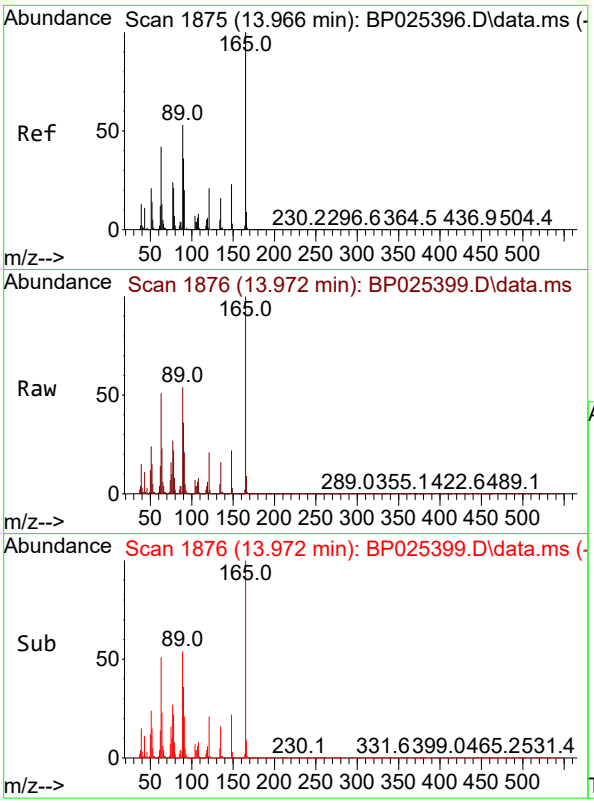


#50
Dimethylphthalate
Concen: 76.632 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:163 Resp: 2446951

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.3	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 80.639 ng
RT: 13.972 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

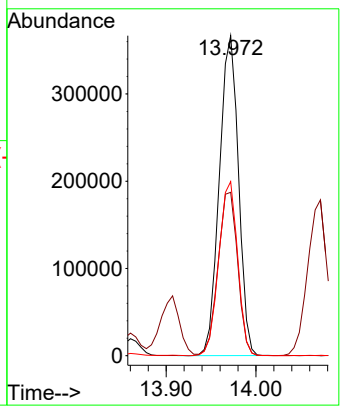
Tgt Ion:165 Resp: 54271

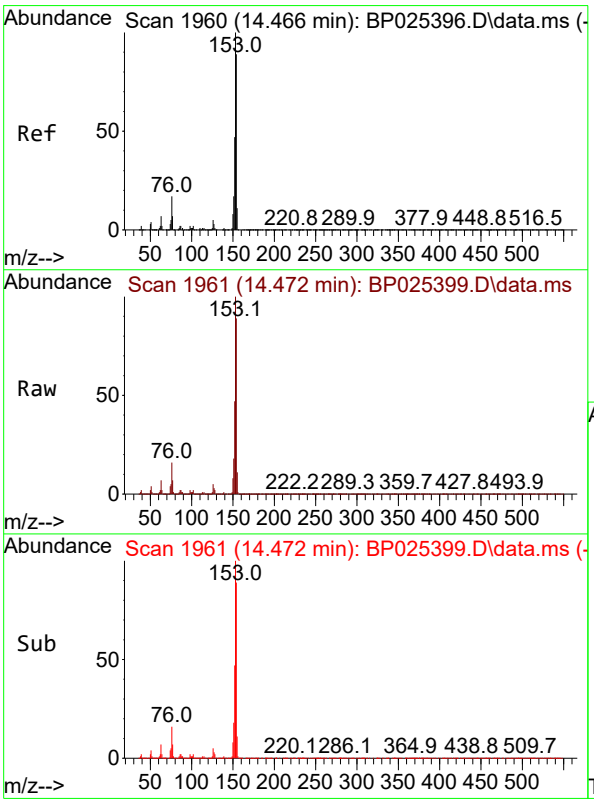
Ion	Ratio	Lower	Upper
165	100		
63	51.0	40.9	61.3
89	54.4	42.1	63.1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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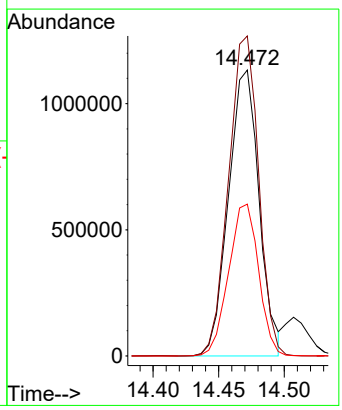


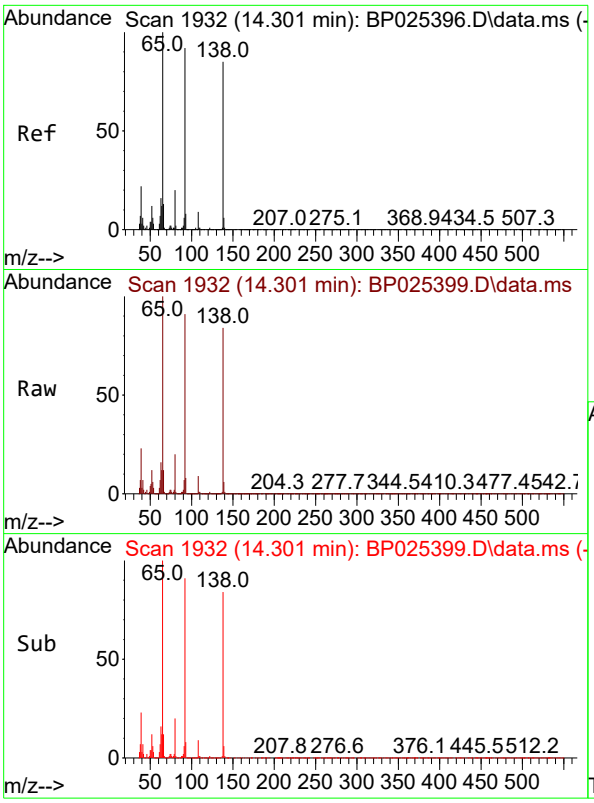


#52
Acenaphthene
Concen: 76.902 ng
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:154 Resp: 1841448

Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.2	135.2
152	53.1	42.1	63.1





#53
3-Nitroaniline
Concen: 81.627 ng
RT: 14.301 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

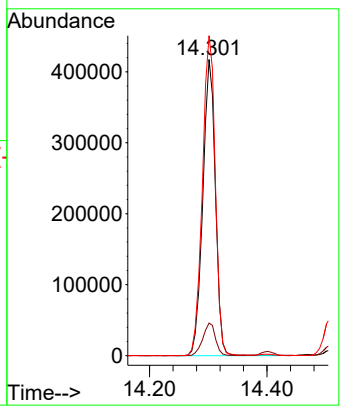
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

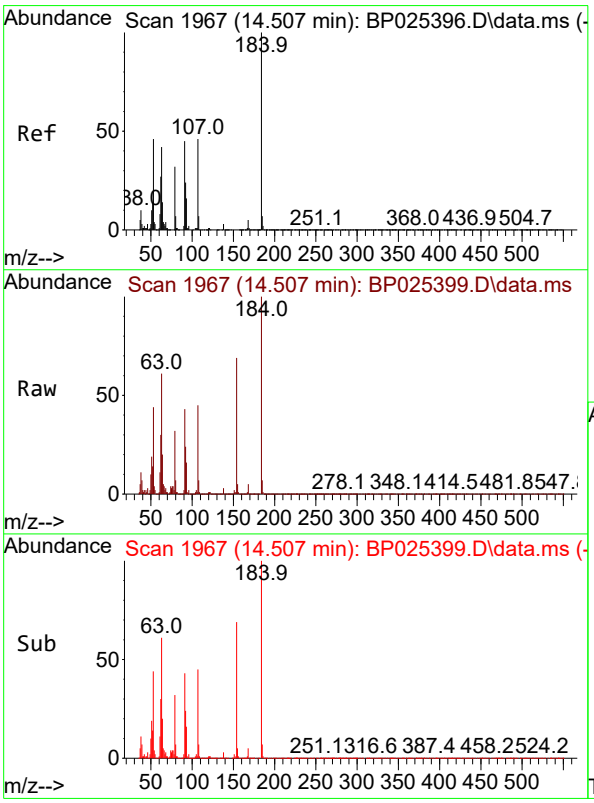
Tgt Ion:138 Resp: 61808

Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.3	12.5
92	108.1	86.2	129.2

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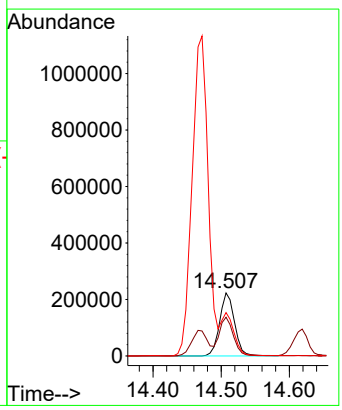


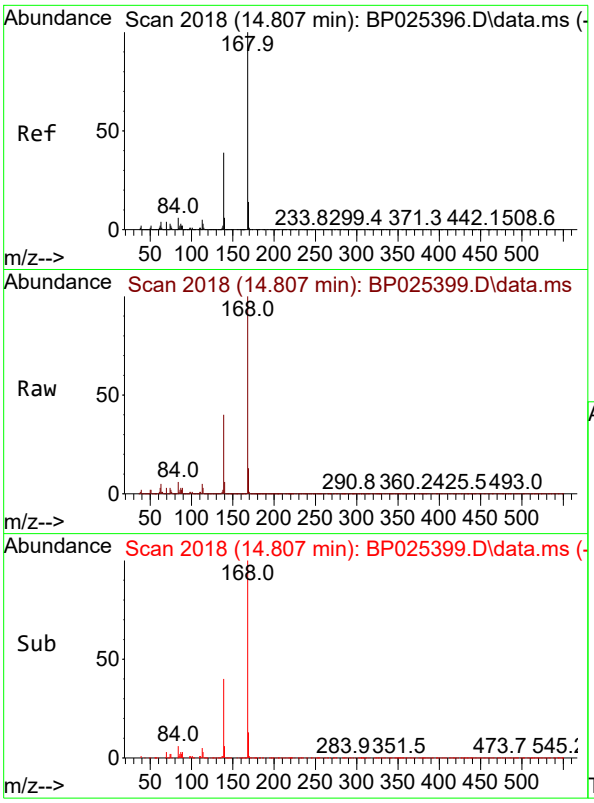


#54
2,4-Dinitrophenol
Concen: 94.356 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:184 Resp: 339125

Ion	Ratio	Lower	Upper
184	100		
63	61.4	49.4	74.2
154	68.6	54.6	82.0





#55
Dibenzofuran
Concen: 77.023 ng
RT: 14.807 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

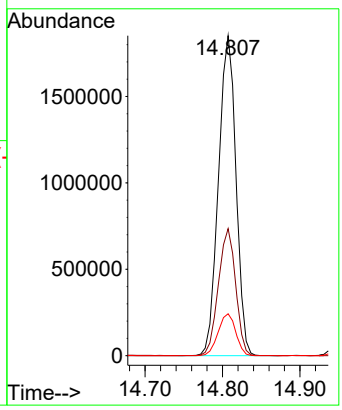
Tgt Ion:168 Resp: 291593

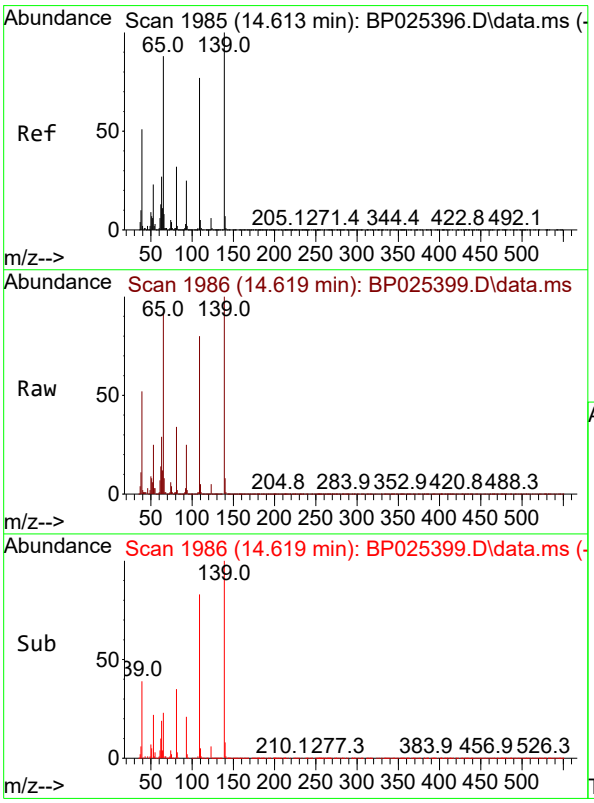
Ion	Ratio	Lower	Upper
168	100		
139	39.7	31.5	47.3
169	13.1	10.9	16.3

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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Reviewed By :Rahul Chavli 08/15/2025
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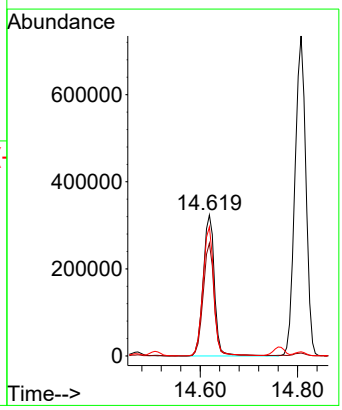


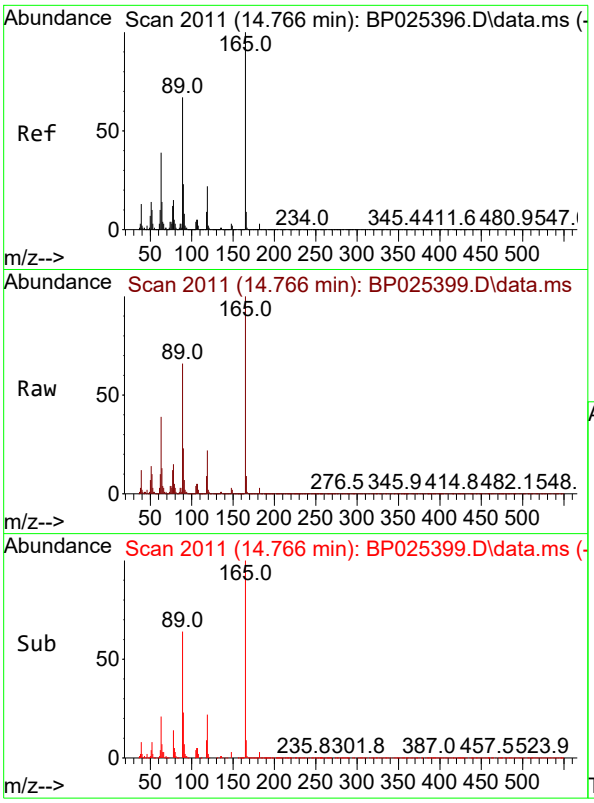


#56
4-Nitrophenol
Concen: 83.618 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

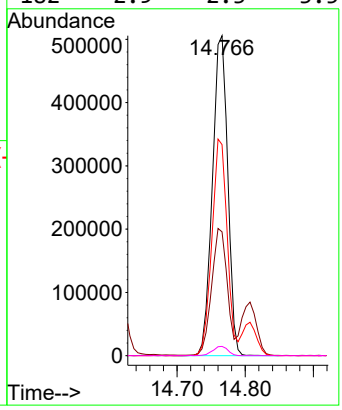




#57
2,4-Dinitrotoluene
Concen: 82.399 ng
RT: 14.766 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:165 Resp: 79121

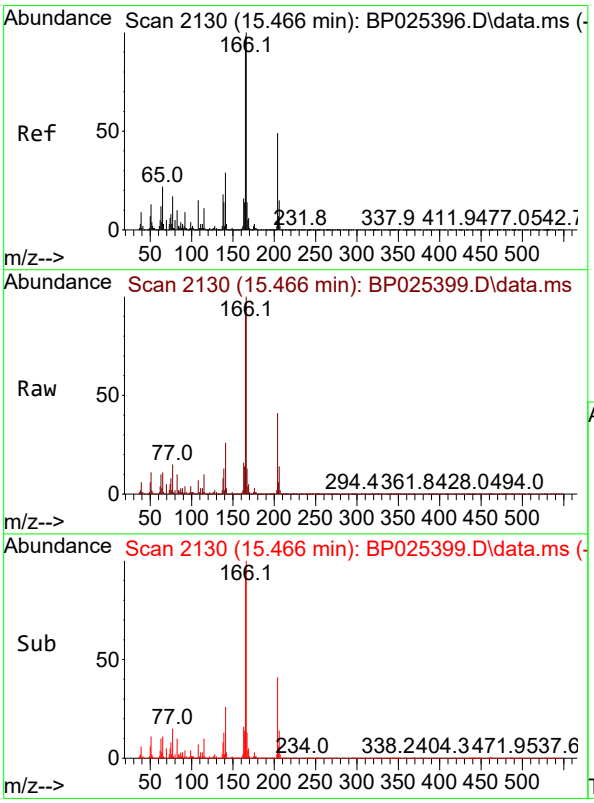
Ion	Ratio	Lower	Upper
165	100		
63	38.7	31.4	47.2
89	66.0	53.3	79.9
182	2.9	2.3	3.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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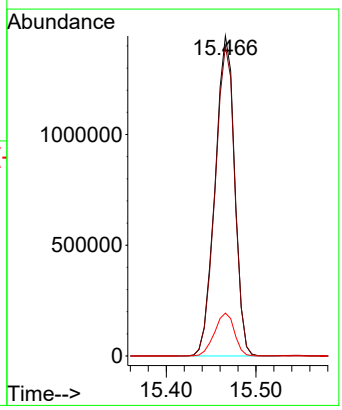
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

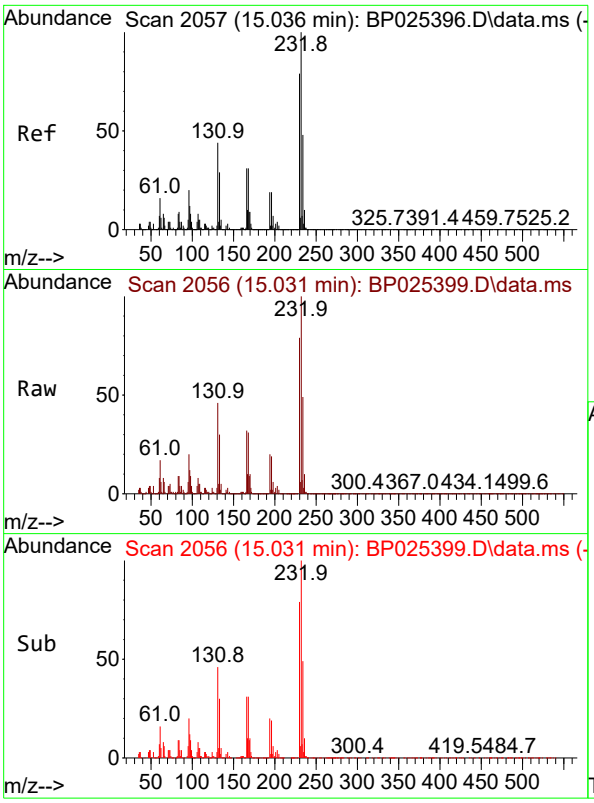


#58
Fluorene
Concen: 73.164 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:166 Resp: 2185593

Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.8	118.2
167	13.4	11.0	16.4

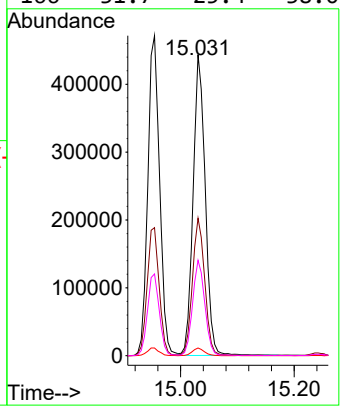




#59
2,3,4,6-Tetrachlorophenol
Concen: 80.448 ng
RT: 15.031 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:232 Resp: 66189

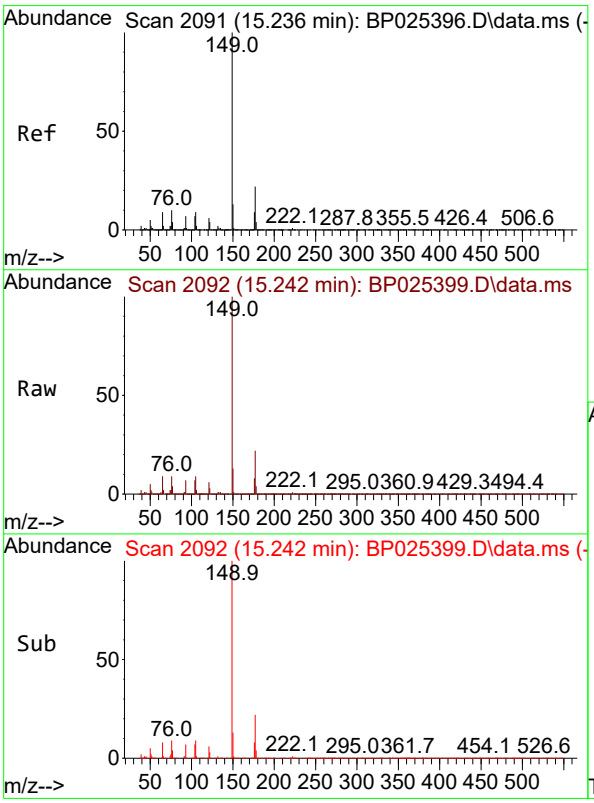
Ion	Ratio	Lower	Upper
232	100		
131	45.9	37.0	55.6
130	2.5	1.9	2.9
166	31.7	25.4	38.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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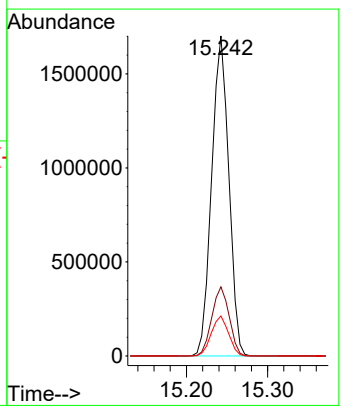
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

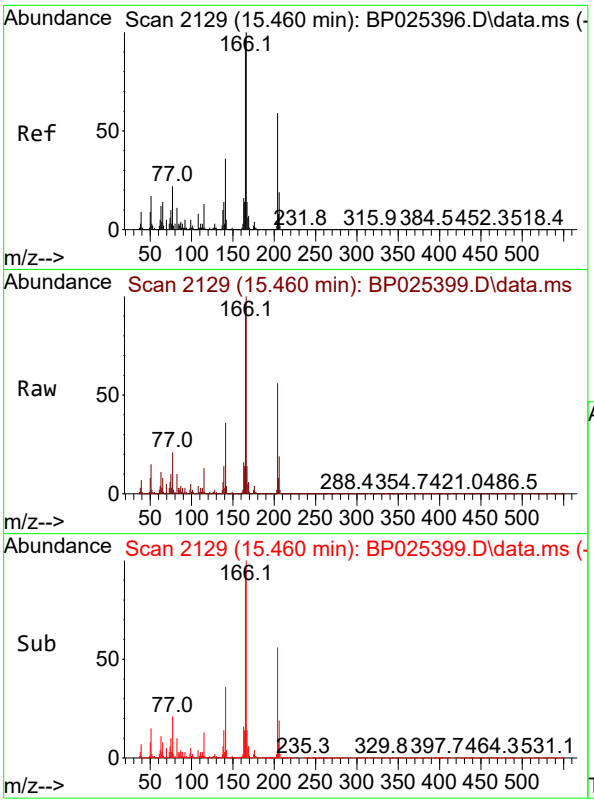


#60
Diethylphthalate
Concen: 76.870 ng
RT: 15.242 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:149 Resp: 2494087

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.3	25.9
150	12.5	10.3	15.5





#61
4-Chlorophenyl-phenylether
Concen: 74.388 ng
RT: 15.460 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

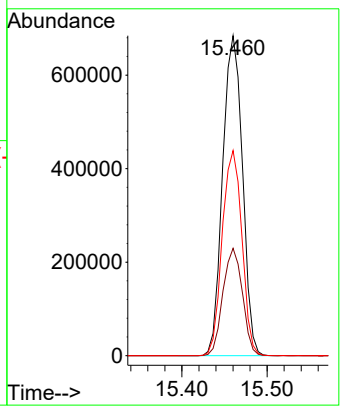
Tgt Ion:204 Resp: 110515

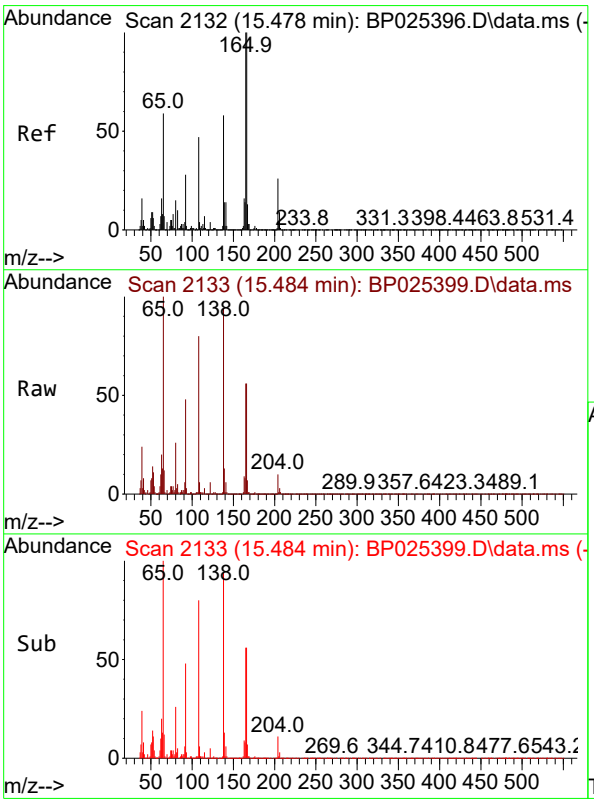
Ion	Ratio	Lower	Upper
204	100		
206	33.6	25.8	38.8
141	64.1	49.4	74.2

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

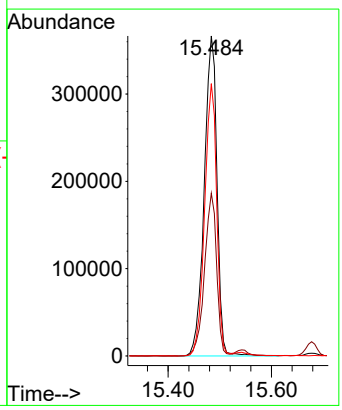


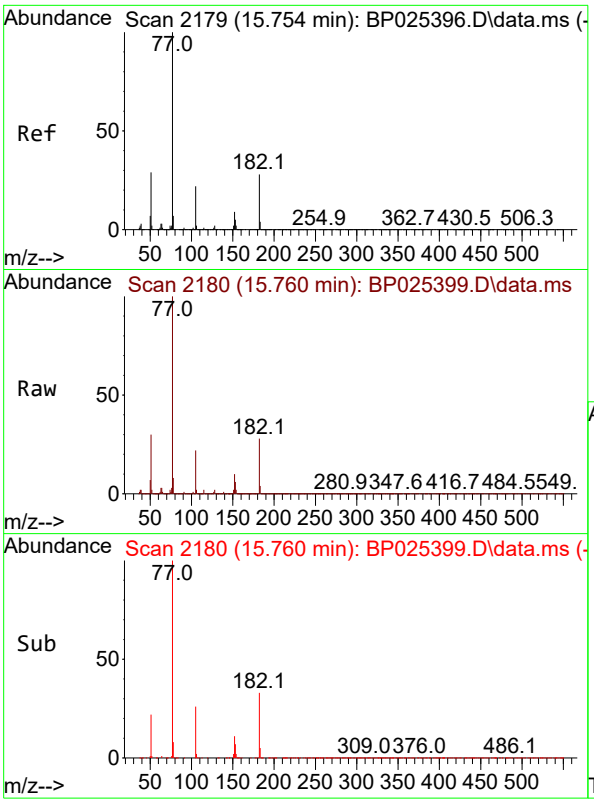


#62
4-Nitroaniline
Concen: 80.710 ng
RT: 15.484 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

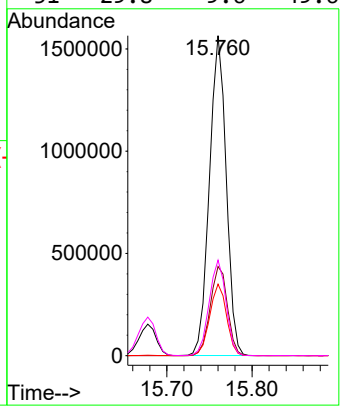




#63
Azobenzene
Concen: 77.017 ng
RT: 15.760 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 77 Resp: 213967

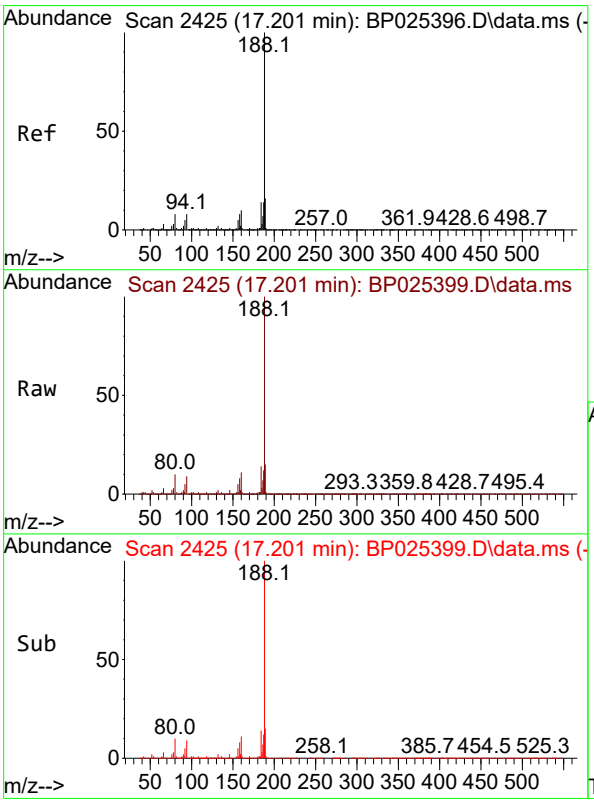
Ion	Ratio	Lower	Upper
77	100		
182	27.9	7.5	47.5
105	22.3	2.1	42.1
51	29.8	9.6	49.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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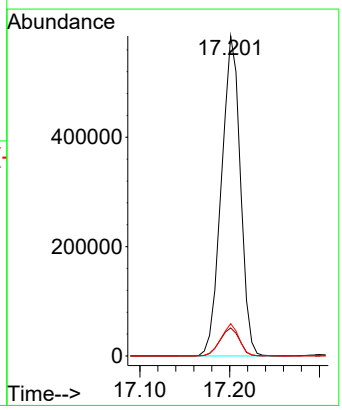
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

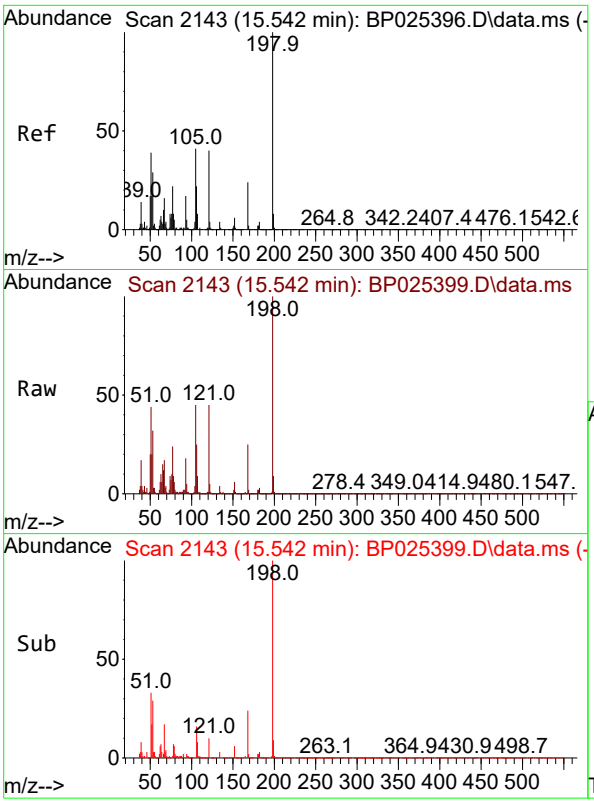


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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#

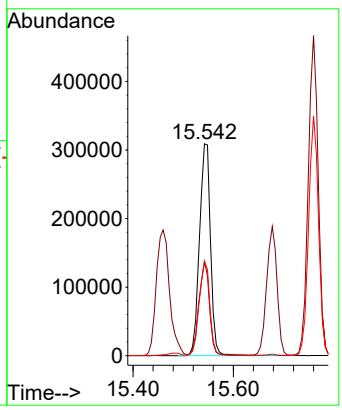




#65
4,6-Dinitro-2-methylphenol
Concen: 88.473 ng
RT: 15.542 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:198 Resp: 47260

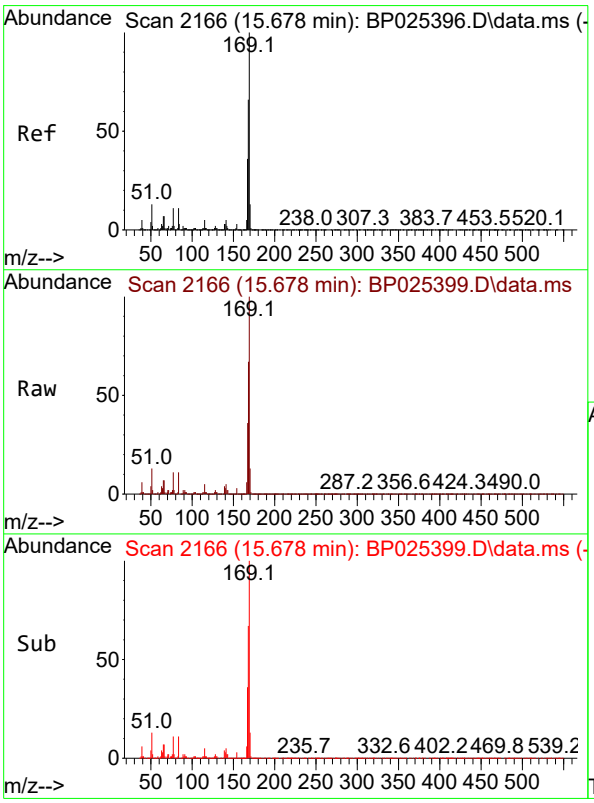
Ion	Ratio	Lower	Upper
198	100		
51	44.3	19.6	59.6
105	44.6	20.9	60.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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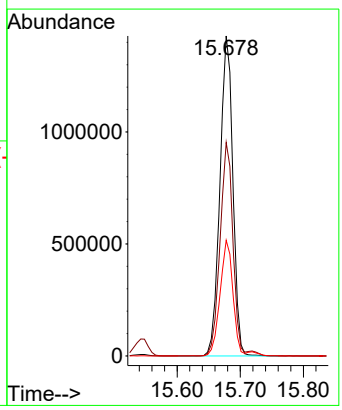
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

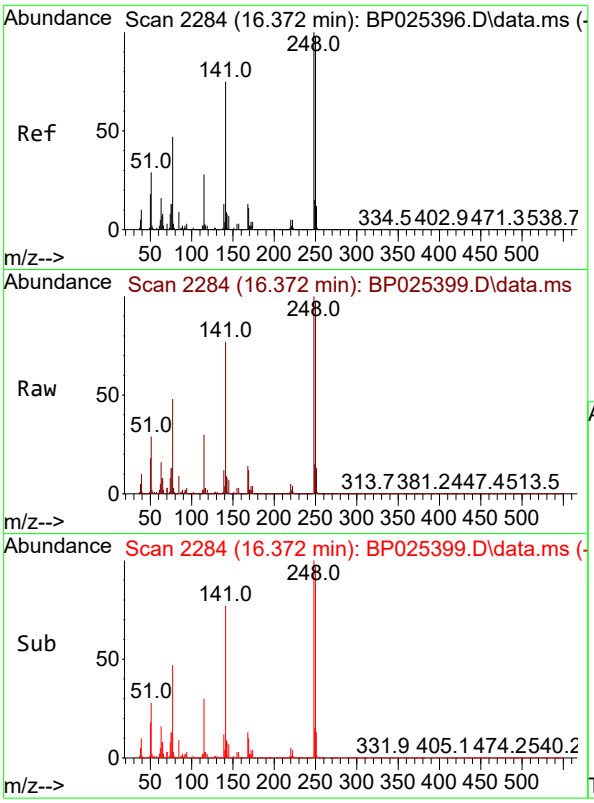


#66
n-Nitrosodiphenylamine
Concen: 77.866 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

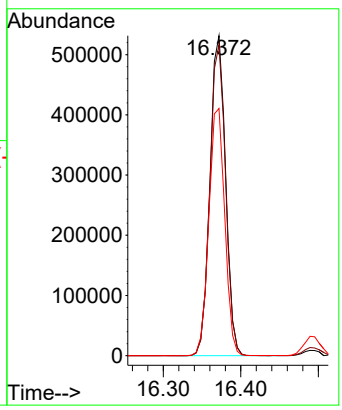
Tgt Ion:248 Resp: 74591

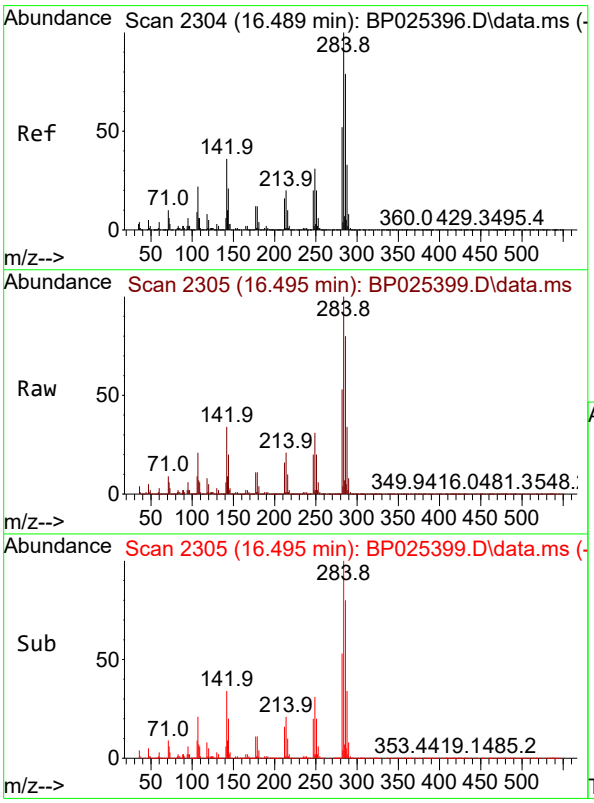
Ion	Ratio	Lower	Upper
248	100		
250	97.2	78.2	117.2
141	77.2	59.6	89.4

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

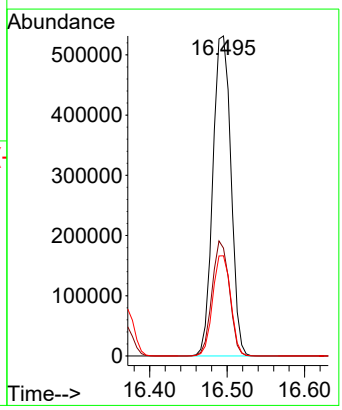


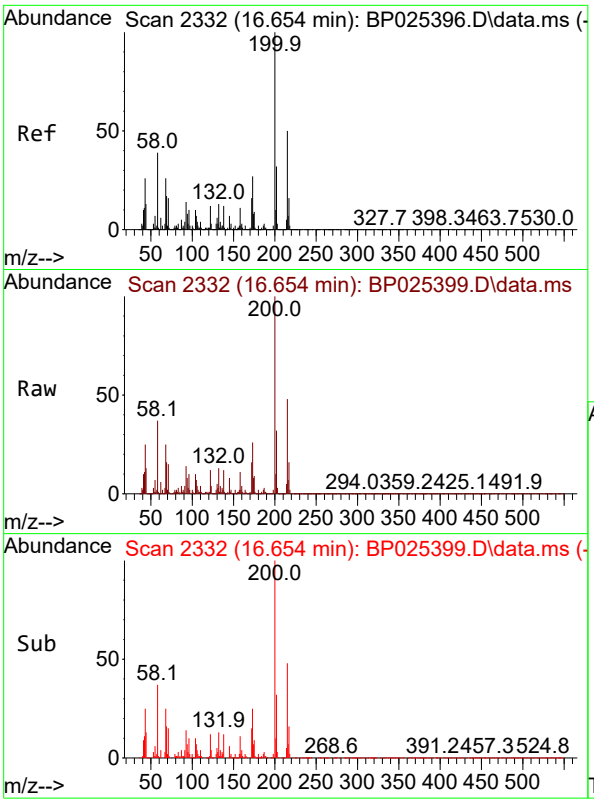


#68
Hexachlorobenzene
Concen: 78.721 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

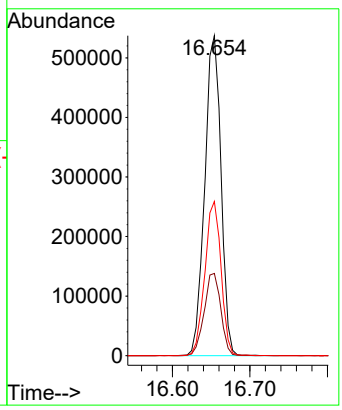




#69
Atrazine
Concen: 80.064 ng
RT: 16.654 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:200 Resp: 78353

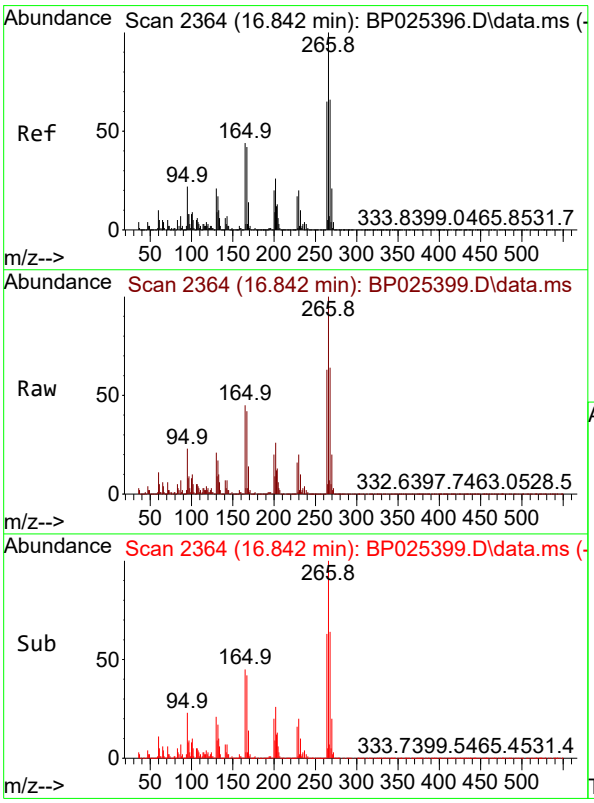
Ion	Ratio	Lower	Upper
200	100		
173	25.7	6.7	46.7
215	48.2	29.7	69.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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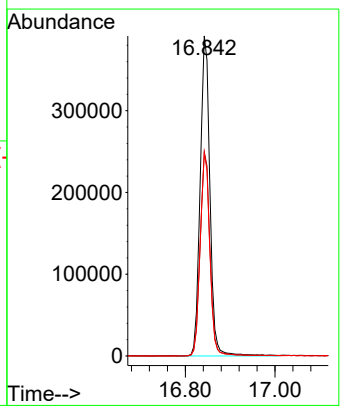
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

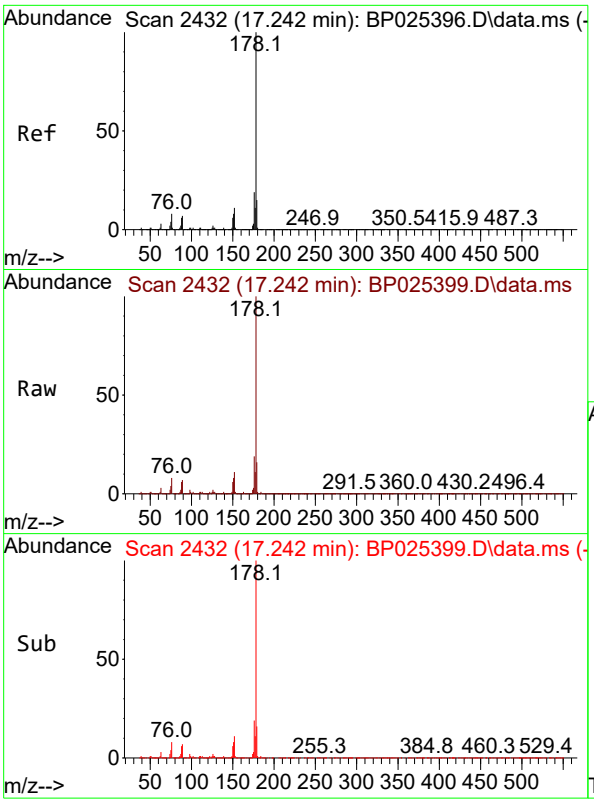


#70
Pentachlorophenol
Concen: 85.502 ng
RT: 16.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:266 Resp: 589673

Ion	Ratio	Lower	Upper
266	100		
268	63.8	52.6	79.0
264	63.4	52.0	78.0

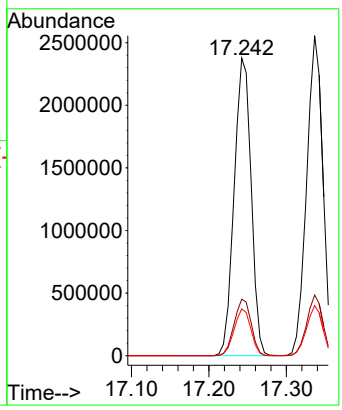




#71
Phenanthrene
Concen: 76.972 ng
RT: 17.242 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:178 Resp: 362345

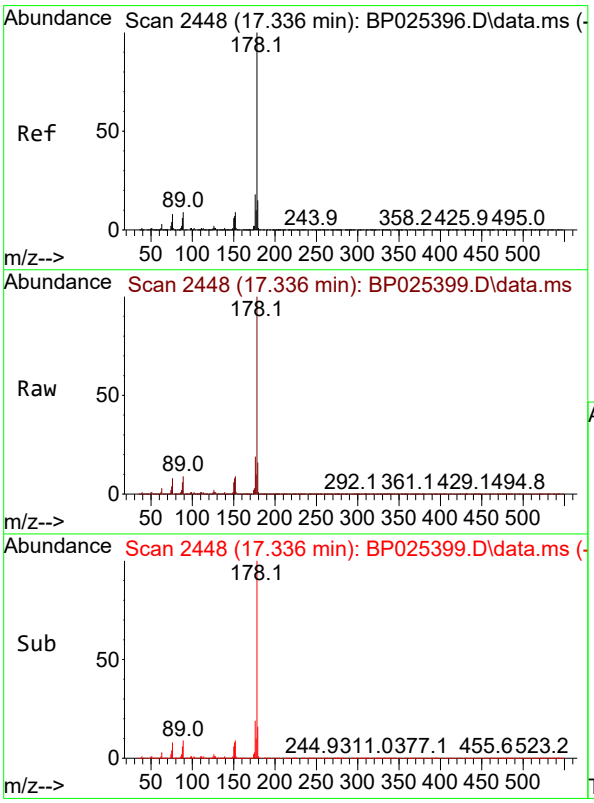
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.7	12.2	18.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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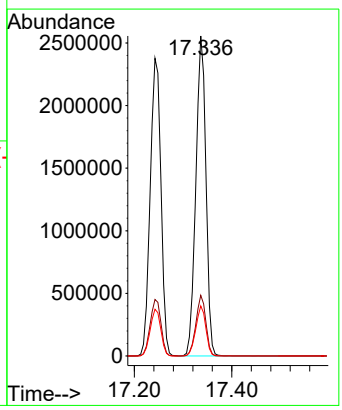
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

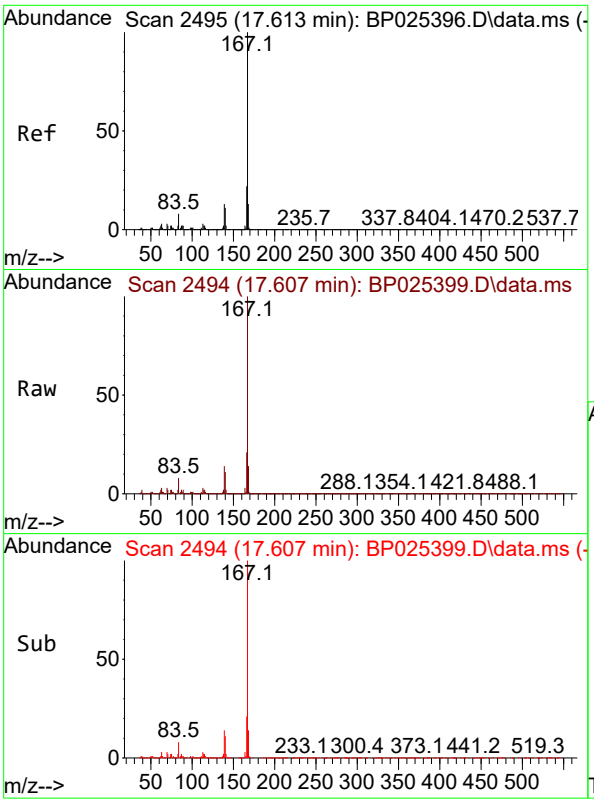


#72
Anthracene
Concen: 77.014 ng
RT: 17.336 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

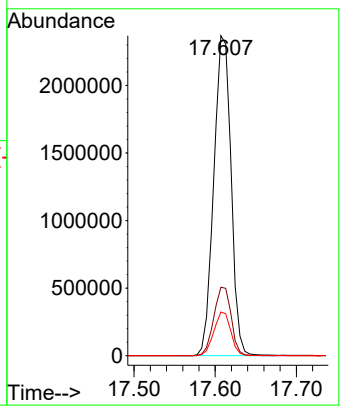




#73
Carbazole
Concen: 77.368 ng
RT: 17.607 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:167 Resp: 350327

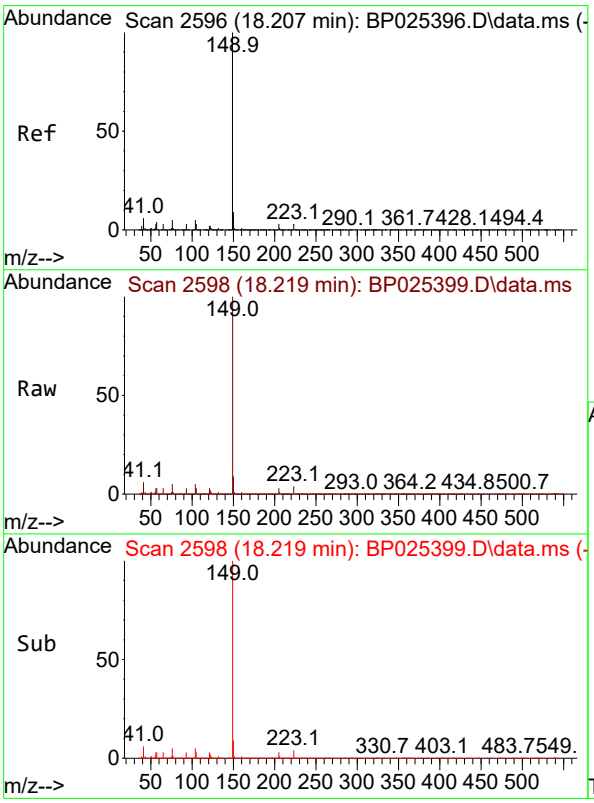
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.5	26.3
139	13.7	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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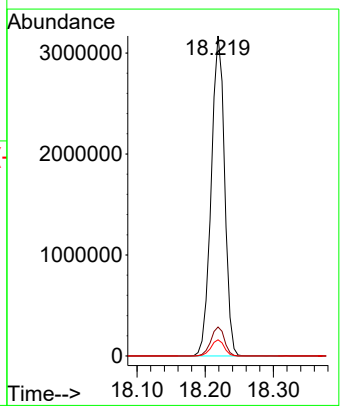
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

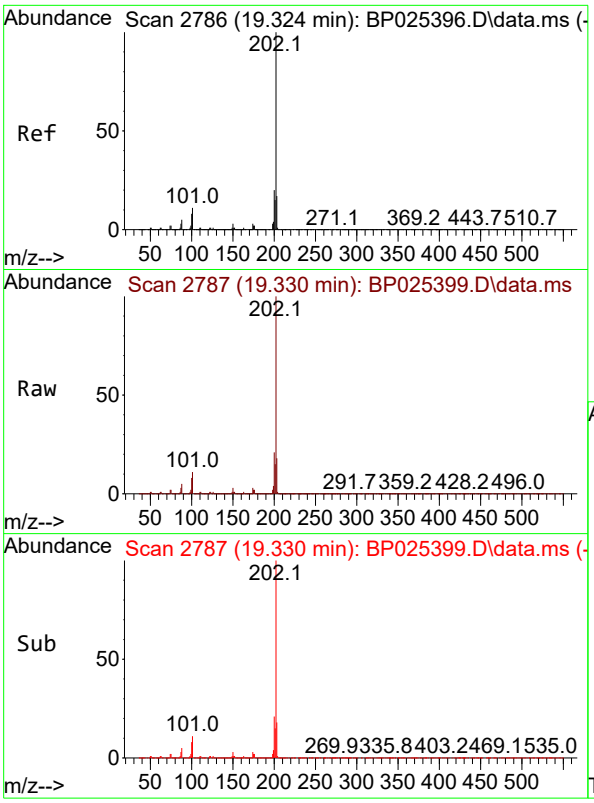


#74
Di-n-butylphthalate
Concen: 77.844 ng
RT: 18.219 min Scan# 2598
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

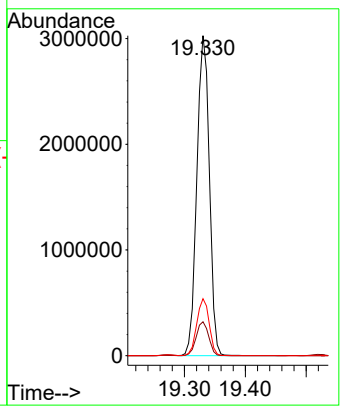
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

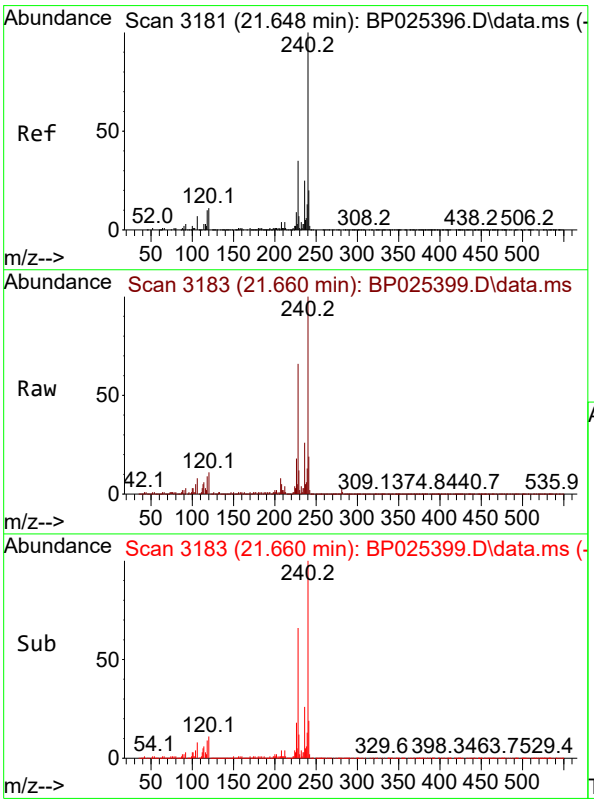
Tgt Ion:202 Resp: 431330

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

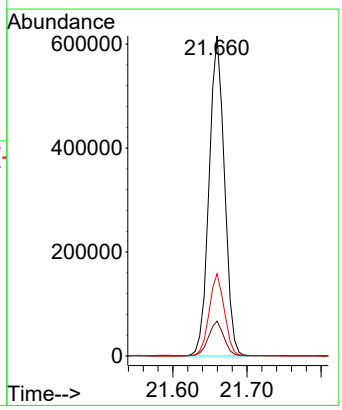


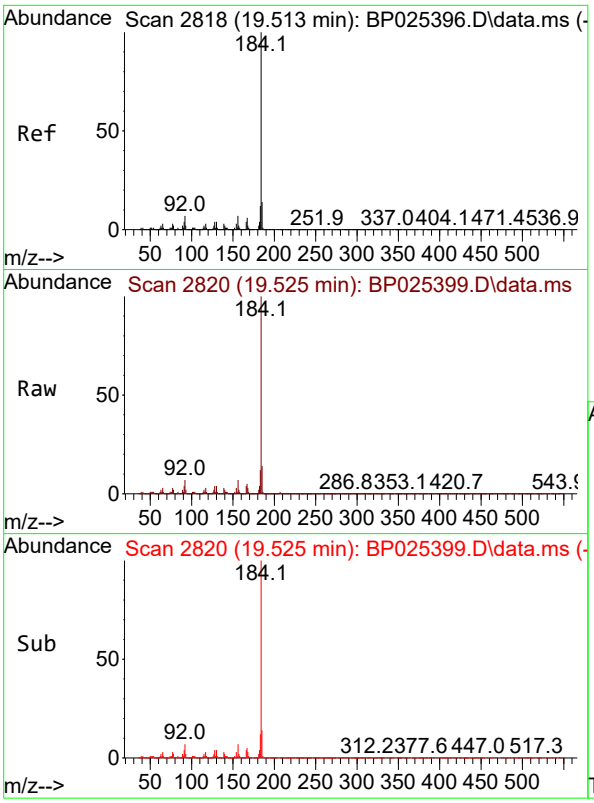


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3183
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

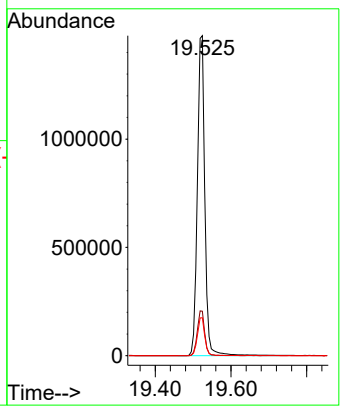




#77
Benzidine
Concen: 67.124 ng
RT: 19.525 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:184 Resp: 203624

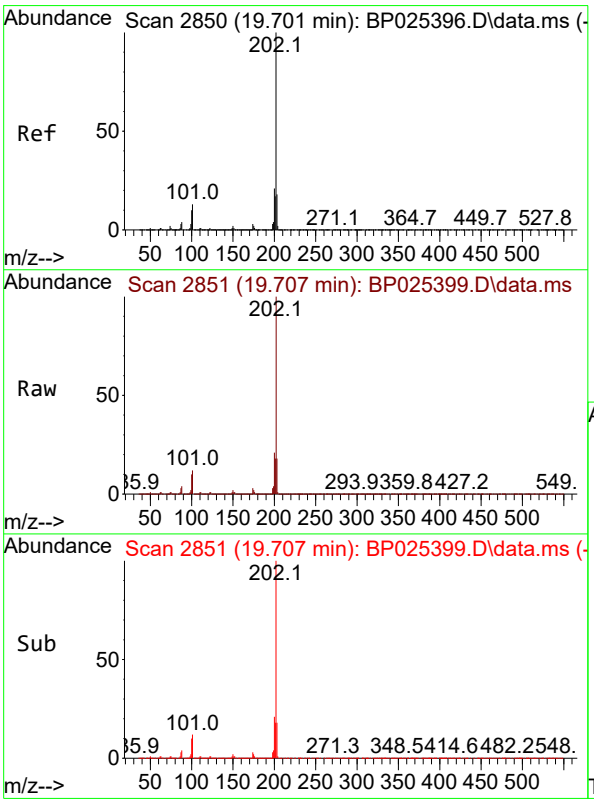
Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.5	17.3
183	11.9	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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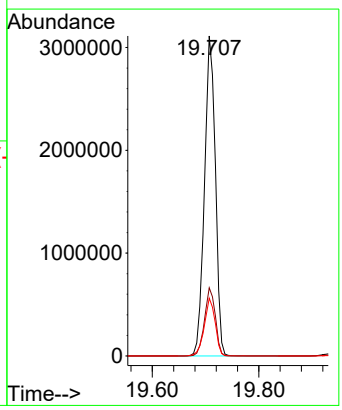
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

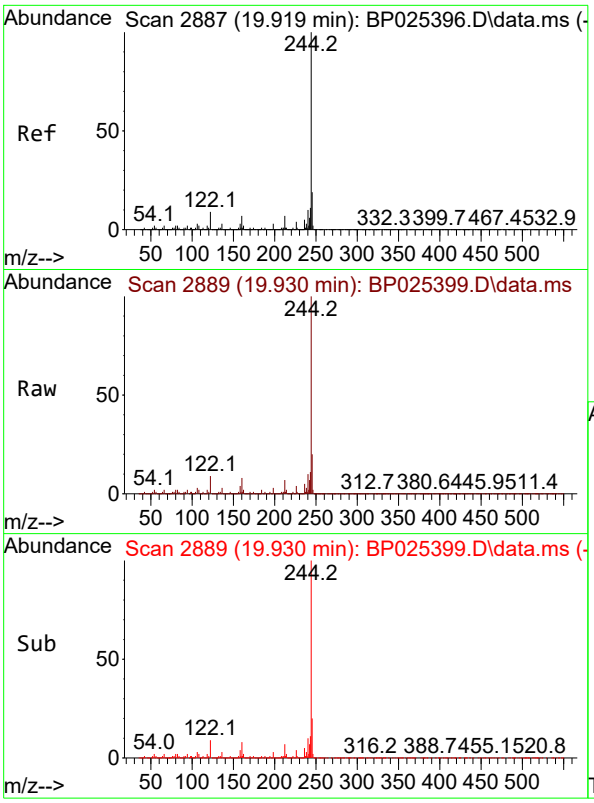


#78
Pyrene
Concen: 76.343 ng
RT: 19.707 min Scan# 2851
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:202 Resp: 4410693

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	18.1	14.2	21.2

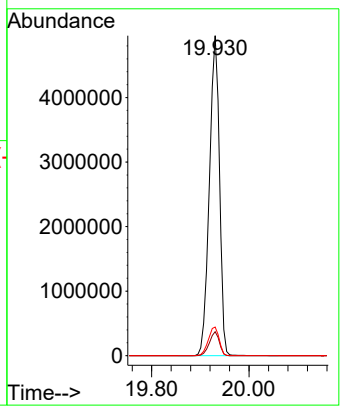




#79
Terphenyl-d14
Concen: 146.217 ng
RT: 19.930 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:244 Resp: 710381

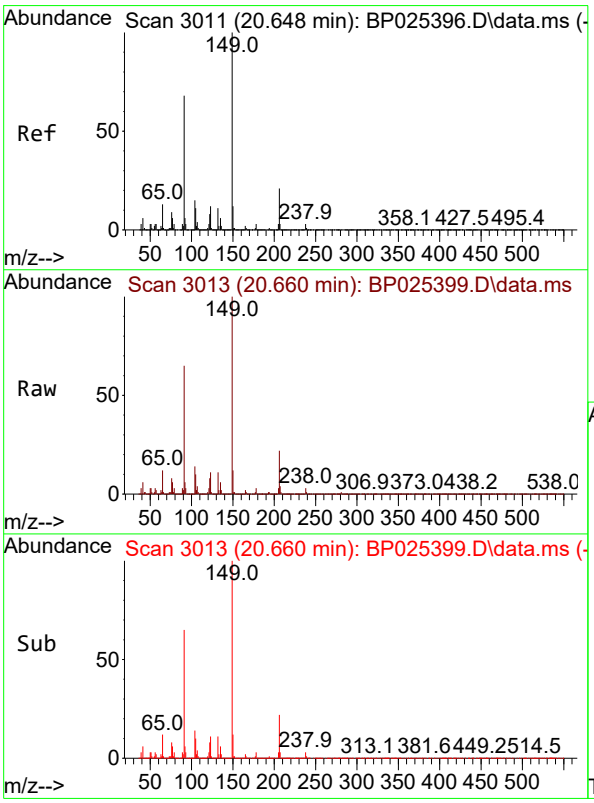
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	9.0	7.4	11.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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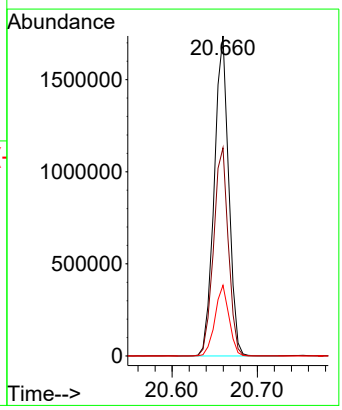
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

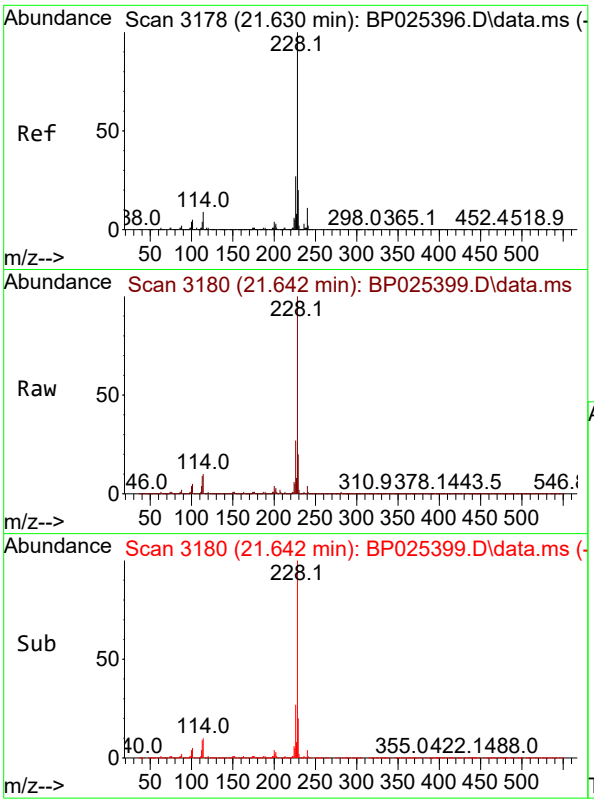


#80
Butylbenzylphthalate
Concen: 78.460 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:149 Resp: 2054404

Ion	Ratio	Lower	Upper
149	100		
91	65.0	54.2	81.2
206	22.1	16.6	24.8

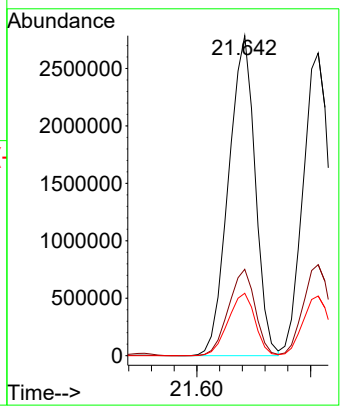




#81
Benzo(a)anthracene
Concen: 77.322 ng
RT: 21.642 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:228 Resp: 453276

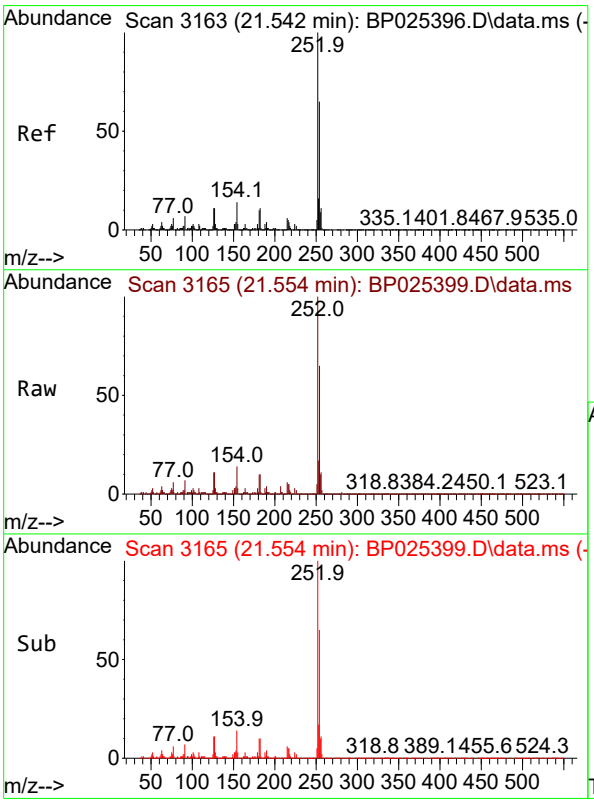
Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.7	32.5
229	19.5	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

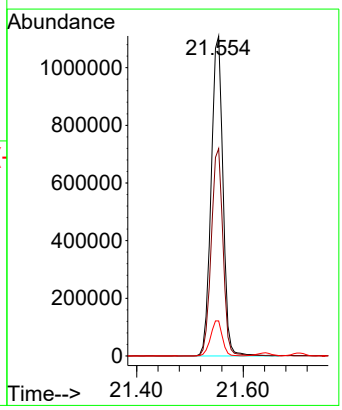
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

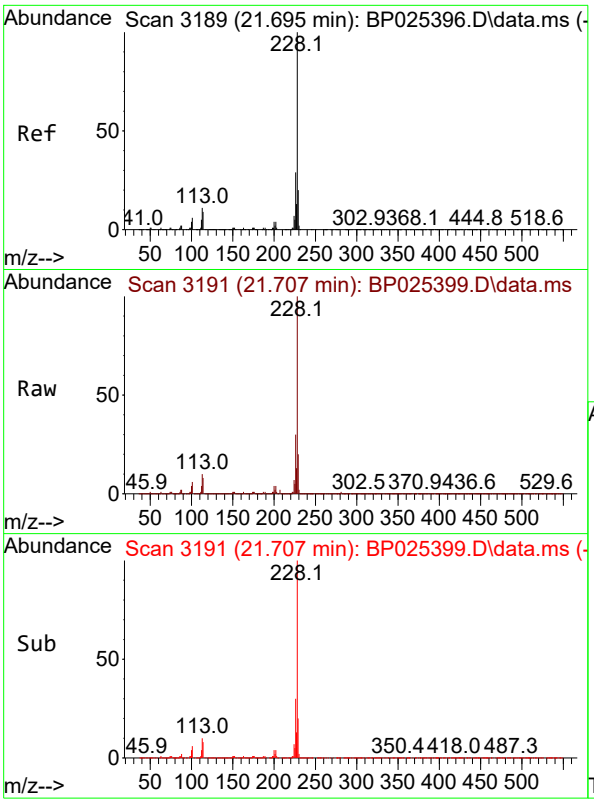


#82
3,3'-Dichlorobenzidine
Concen: 77.197 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

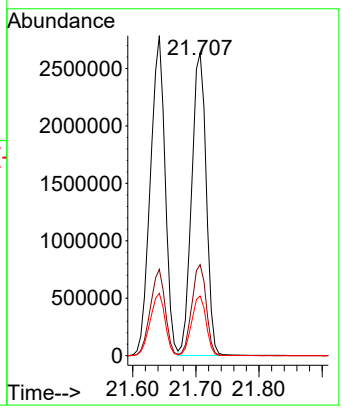




#83
Chrysene
Concen: 76.835 ng
RT: 21.707 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:228 Resp: 421816

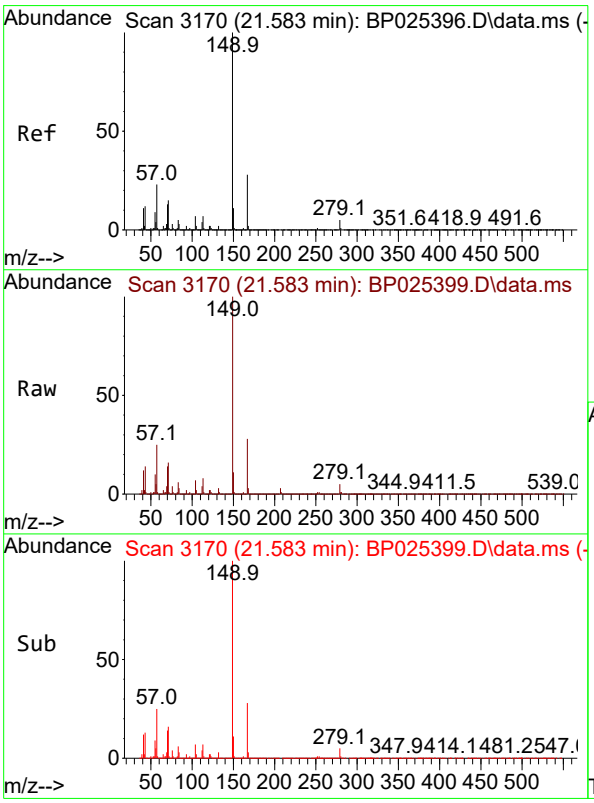
Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.2	34.8
229	19.7	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

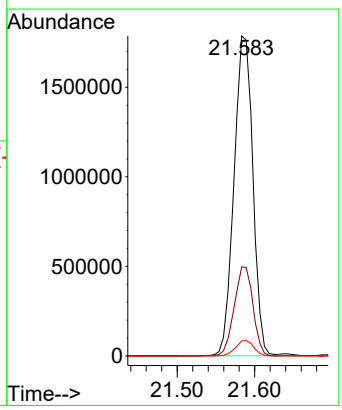
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

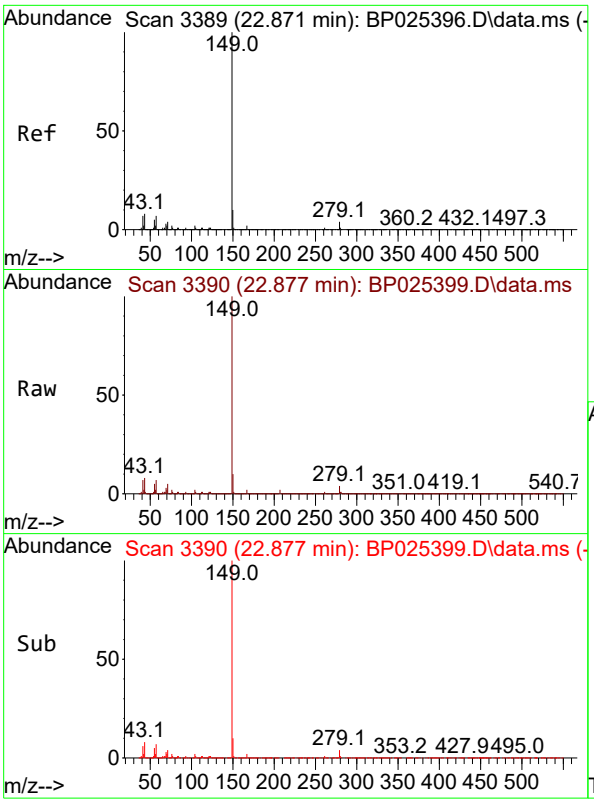


#84
Bis(2-ethylhexyl)phthalate
Concen: 78.400 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

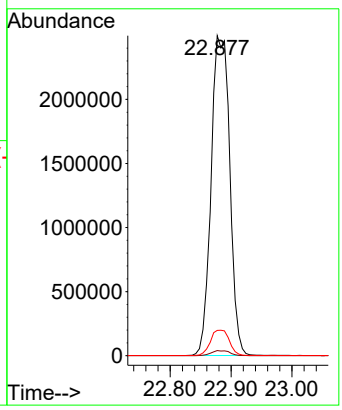




#85
Di-n-octyl phthalate
Concen: 79.974 ng
RT: 22.877 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:149 Resp: 530208

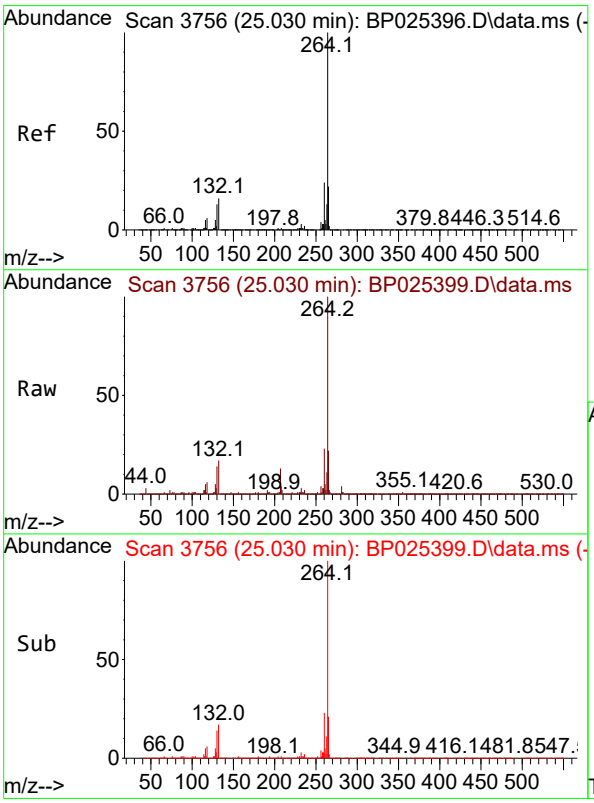
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.0	6.3	9.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

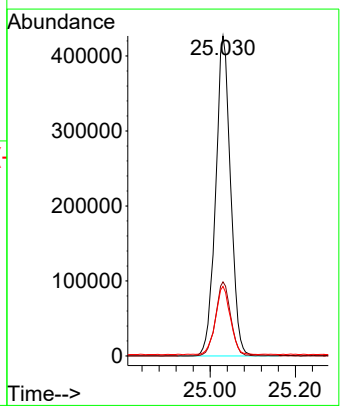
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

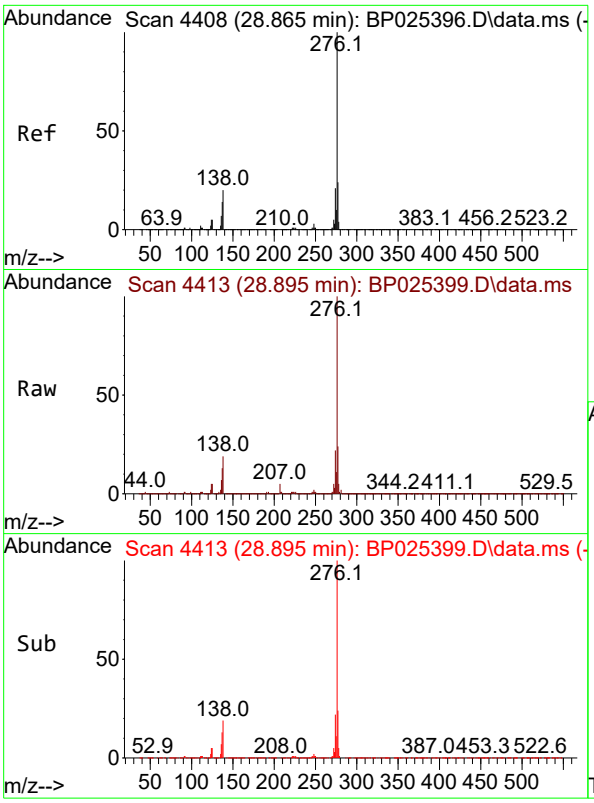


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.030 min Scan# 3756
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:264 Resp: 1037707

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.3	28.9
265	21.8	17.4	26.0

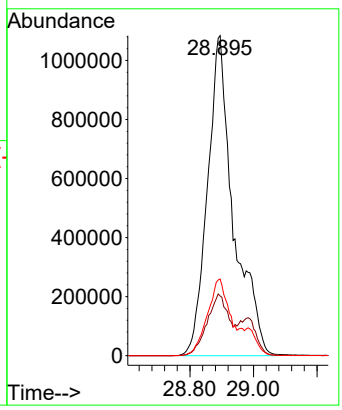




#87
Indeno(1,2,3-cd)pyrene
Concen: 81.030 ng m
RT: 28.895 min Scan# 4
Delta R.T. 0.029 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:276 Resp: 616857

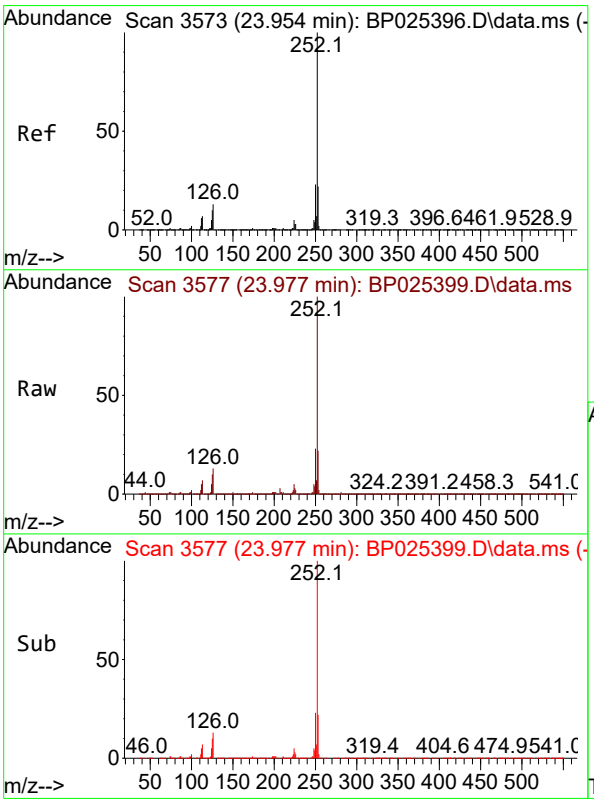
Ion	Ratio	Lower	Upper
276	100		
138	16.9	12.9	19.3
277	20.5	17.0	25.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

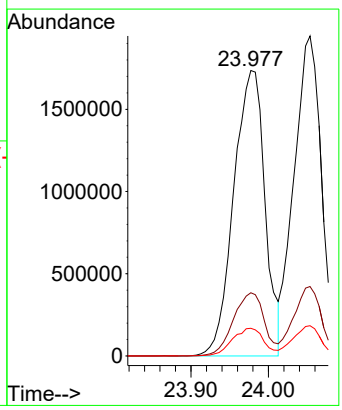
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

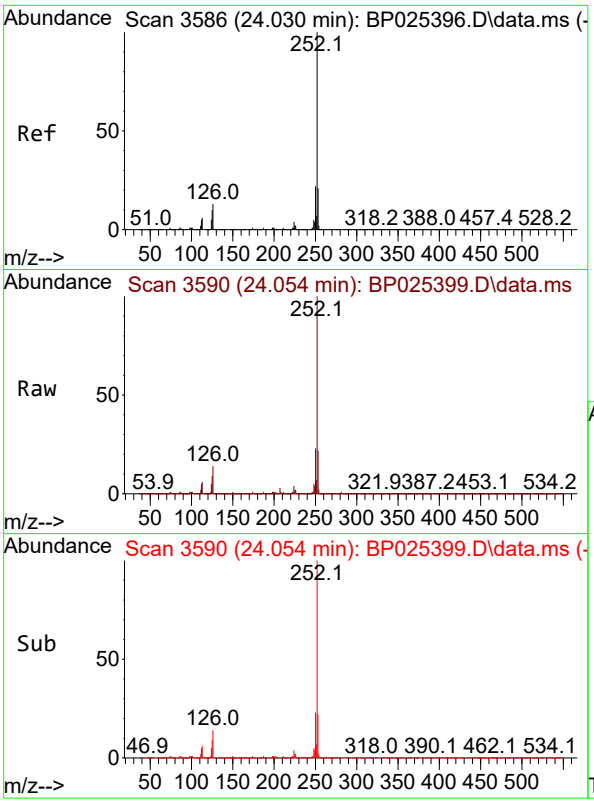


#88
Benzo(b)fluoranthene
Concen: 79.692 ng
RT: 23.977 min Scan# 3577
Delta R.T. 0.024 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:252 Resp: 4876398

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	9.7	7.9	11.9





#89
Benzo(k)fluoranthene
Concen: 77.323 ng
RT: 24.054 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

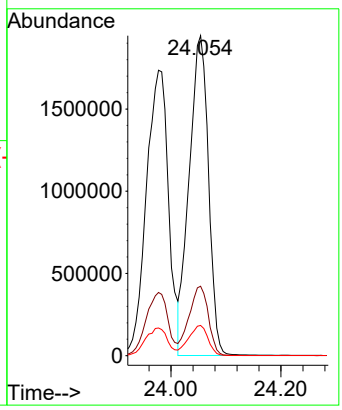
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

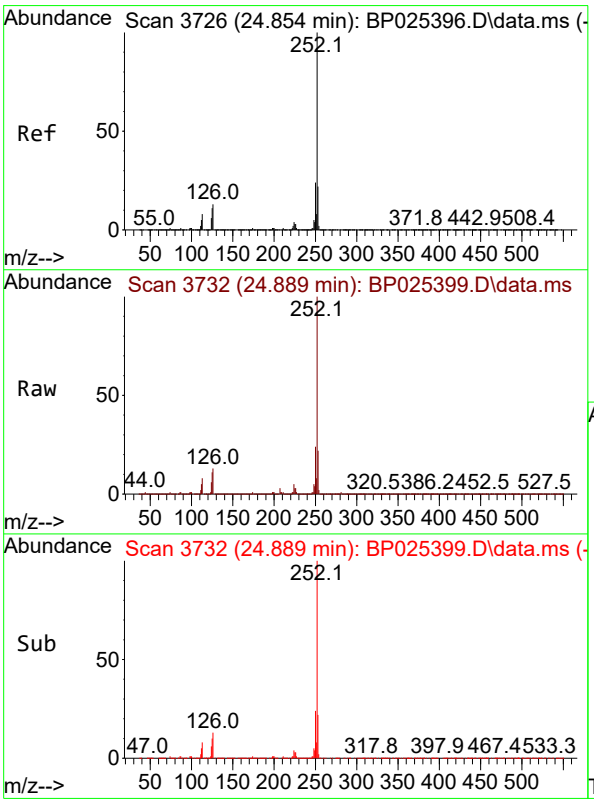
Tgt Ion:252 Resp: 473463

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	9.5	7.8	11.6

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

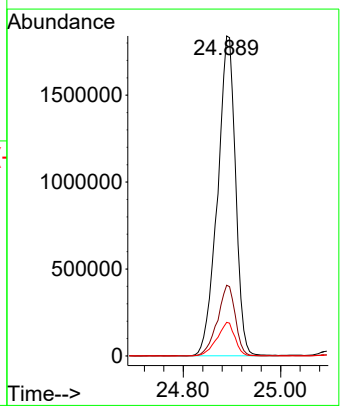


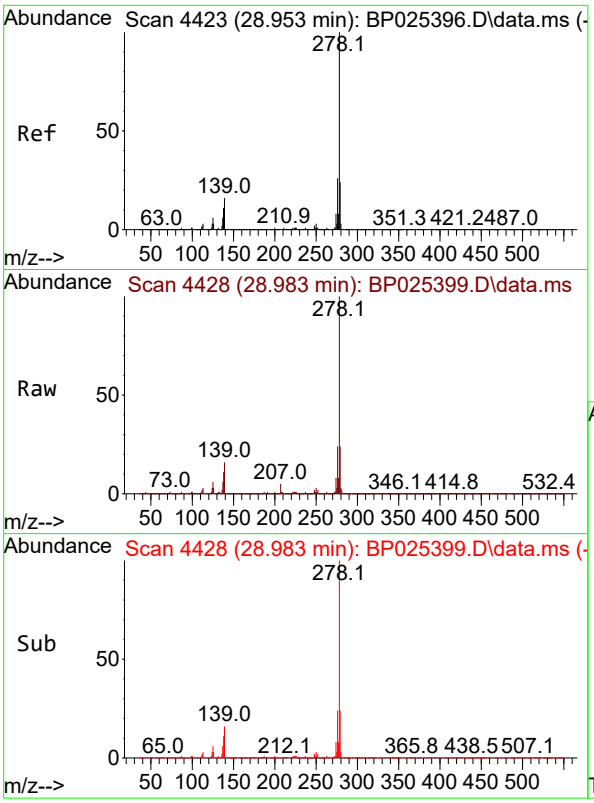


#90
Benzo(a)pyrene
Concen: 79.505 ng
RT: 24.889 min Scan# 3732
Delta R.T. 0.035 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:252 Resp: 4735685

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.5	8.7	13.1

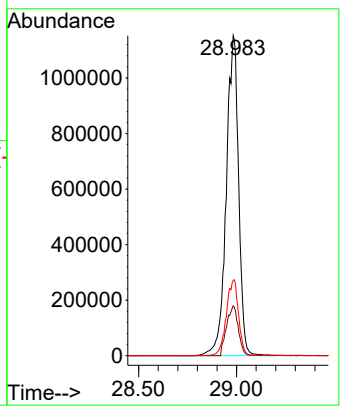




#91
Dibenzo(a,h)anthracene
Concen: 81.142 ng
RT: 28.983 min Scan# 4
Delta R.T. 0.029 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:278 Resp: 504626

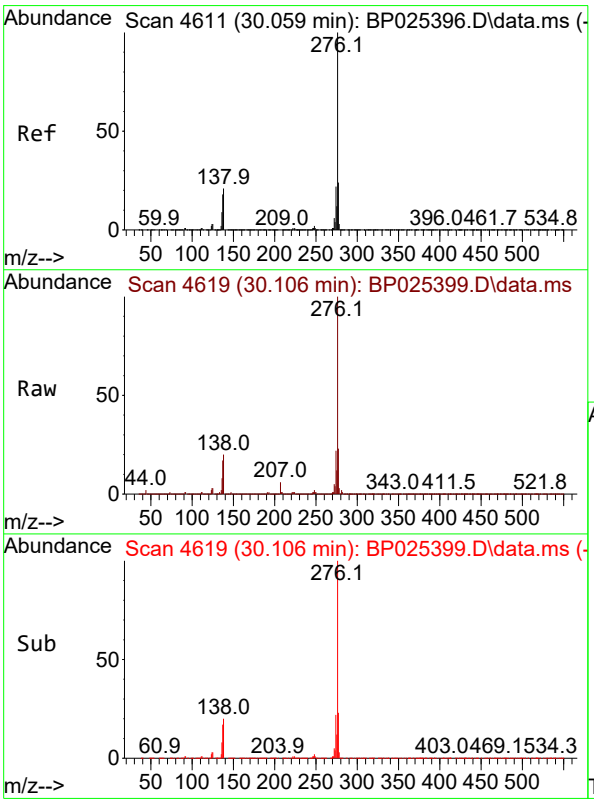
Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.0	19.4
279	23.6	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

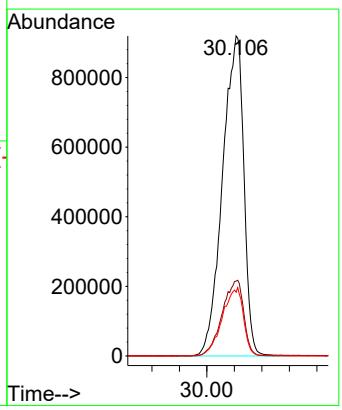
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 80.973 ng
RT: 30.106 min Scan# 4619
Delta R.T. 0.047 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:276 Resp: 4949477

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.4	29.0
138	19.9	16.7	25.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	174007	20.000	ng		0.00
21) Naphthalene-d8	10.566	136	750079	20.000	ng		0.00
39) Acenaphthene-d10	14.407	164	503239	20.000	ng		0.00
64) Phenanthrene-d10	17.213	188	1034378	20.000	ng		0.01
76) Chrysene-d12	21.654	240	1060337	20.000	ng		0.00
86) Perylene-d12	25.024	264	1200519	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	727486	69.430	ng		0.00
7) Phenol-d6	6.966	99	962695	71.663	ng		0.00
23) Nitrobenzene-d5	8.937	82	984441	66.391	ng		0.00
42) 2,4,6-Tribromophenol	15.919	330	484870	71.582	ng		0.00
45) 2-Fluorobiphenyl	13.025	172	2430828	66.016	ng		0.00
79) Terphenyl-d14	19.936	244	3848160	66.399	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	138687	33.792	ng		99
3) Pyridine	3.731	79	403298	35.901	ng		98
4) n-Nitrosodimethylamine	3.631	42	176521	38.115	ng		98
6) Aniline	7.125	93	690437	38.147	ng		99
8) 2-Chlorophenol	7.366	128	455230	38.501	ng		99
9) Benzaldehyde	6.943	77	321335	34.142	ng		96
10) Phenol	6.996	94	541123	38.388	ng		99
11) bis(2-Chloroethyl)ether	7.219	93	421318	38.348	ng		99
12) 1,3-Dichlorobenzene	7.684	146	492014	37.738	ng		100
13) 1,4-Dichlorobenzene	7.825	146	504919	37.890	ng		97
14) 1,2-Dichlorobenzene	8.143	146	487845	37.818	ng		99
15) Benzyl Alcohol	8.025	79	416544	39.025	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	563276	38.271	ng		99
17) 2-Methylphenol	8.225	107	380608	38.877	ng		100
18) Hexachloroethane	8.866	117	186691	38.103	ng		97
19) n-Nitroso-di-n-propyla...	8.590	70	340533	38.270	ng		99
20) 3+4-Methylphenols	8.549	107	524095	38.620	ng		99
22) Acetophenone	8.602	105	718869	38.216	ng	#	99
24) Nitrobenzene	8.978	77	494466	37.313	ng		98
25) Isophorone	9.501	82	993378	37.855	ng		99
26) 2-Nitrophenol	9.678	139	263348	38.722	ng		97
27) 2,4-Dimethylphenol	9.743	122	455078	38.910	ng		99
28) bis(2-Chloroethoxy)met...	9.972	93	599862	37.816	ng		99
29) 2,4-Dichlorophenol	10.213	162	449034	38.649	ng		98
30) 1,2,4-Trichlorobenzene	10.431	180	474183	37.231	ng		98
31) Naphthalene	10.613	128	1459279	37.431	ng		99
32) Benzoic acid	9.884	122	330207	38.242	ng		96
33) 4-Chloroaniline	10.713	127	655135	38.043	ng		99
34) Hexachlorobutadiene	10.901	225	293728	37.031	ng		98
35) Caprolactam	11.501	113	163211	38.310	ng		98
36) 4-Chloro-3-methylphenol	11.837	107	517126	38.789	ng		98
37) 2-Methylnaphthalene	12.219	142	960146	37.845	ng		99
38) 1-Methylnaphthalene	12.443	142	1012844	37.539	ng		99
40) 1,2,4,5-Tetrachloroben...	12.590	216	550777	37.895	ng		100
41) Hexachlorocyclopentadiene	12.572	237	351819	40.074	ng		100
43) 2,4,6-Trichlorophenol	12.831	196	382393	38.972	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	420565	39.108	ng	99
46) 1,1'-Biphenyl	13.237	154	1376834	37.672	ng	99
47) 2-Chloronaphthalene	13.272	162	1072147	37.682	ng	99
48) 2-Nitroaniline	13.472	65	323995	39.081	ng	99
49) Acenaphthylene	14.125	152	1775899	37.720	ng	100
50) Dimethylphthalate	13.860	163	1406620	38.170	ng	100
51) 2,6-Dinitrotoluene	13.972	165	304562	39.211	ng	98
52) Acenaphthene	14.472	154	1018011m	36.837	ng	
53) 3-Nitroaniline	14.301	138	349791	40.027	ng	98
54) 2,4-Dinitrophenol	14.507	184	172743	41.646	ng	100
55) Dibenzofuran	14.813	168	1630744	37.324	ng	100
56) 4-Nitrophenol	14.619	139	284585	39.630	ng	99
57) 2,4-Dinitrotoluene	14.772	165	448143	40.439	ng	98
58) Fluorene	15.478	166	1275341	36.992	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.036	232	371715	39.147	ng	99
60) Diethylphthalate	15.242	149	1415787	37.810	ng	99
61) 4-Chlorophenyl-phenyle...	15.472	204	627477	36.596	ng	99
62) 4-Nitroaniline	15.484	138	346865	38.717	ng	99
63) Azobenzene	15.766	77	1235242	38.526	ng	99
65) 4,6-Dinitro-2-methylph...	15.548	198	256111	39.721	ng	99
66) n-Nitrosodiphenylamine	15.684	169	1174244	37.227	ng	100
67) 4-Bromophenyl-phenylether	16.378	248	422072	37.101	ng	96
68) Hexachlorobenzene	16.501	284	488749	37.062	ng	98
69) Atrazine	16.660	200	449555	38.057	ng	100
70) Pentachlorophenol	16.854	266	322435	38.733	ng	98
71) Phenanthrene	17.254	178	2070873	36.445	ng	99
72) Anthracene	17.342	178	2179669	37.563	ng	100
73) Carbazole	17.619	167	2028595	37.116	ng	100
74) Di-n-butylphthalate	18.225	149	2528547	37.602	ng	100
75) Fluoranthene	19.342	202	2540417	37.481	ng	99
77) Benzidine	19.519	184	1529656	42.271	ng	99
78) Pyrene	19.713	202	2577810	37.404	ng	99
80) Butylbenzylphthalate	20.660	149	1199445	38.401	ng	98
81) Benzo(a)anthracene	21.636	228	2583866	36.950	ng	99
82) 3,3'-Dichlorobenzidine	21.554	252	1002597	38.038	ng	99
83) Chrysene	21.701	228	2446197	37.353	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	1780746	38.729	ng	100
85) Di-n-octyl phthalate	22.877	149	2998528	37.915	ng	100
87) Indeno(1,2,3-cd)pyrene	28.877	276	3267965	37.119	ng	94
88) Benzo(b)fluoranthene	23.971	252	2616701	36.964	ng	100
89) Benzo(k)fluoranthene	24.042	252	2653905	37.464	ng	99
90) Benzo(a)pyrene	24.871	252	2560692	37.160	ng	100
91) Dibenzo(a,h)anthracene	28.948	278	2697336	37.490	ng	99
92) Benzo(g,h,i)perylene	30.089	276	2632085	37.216	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

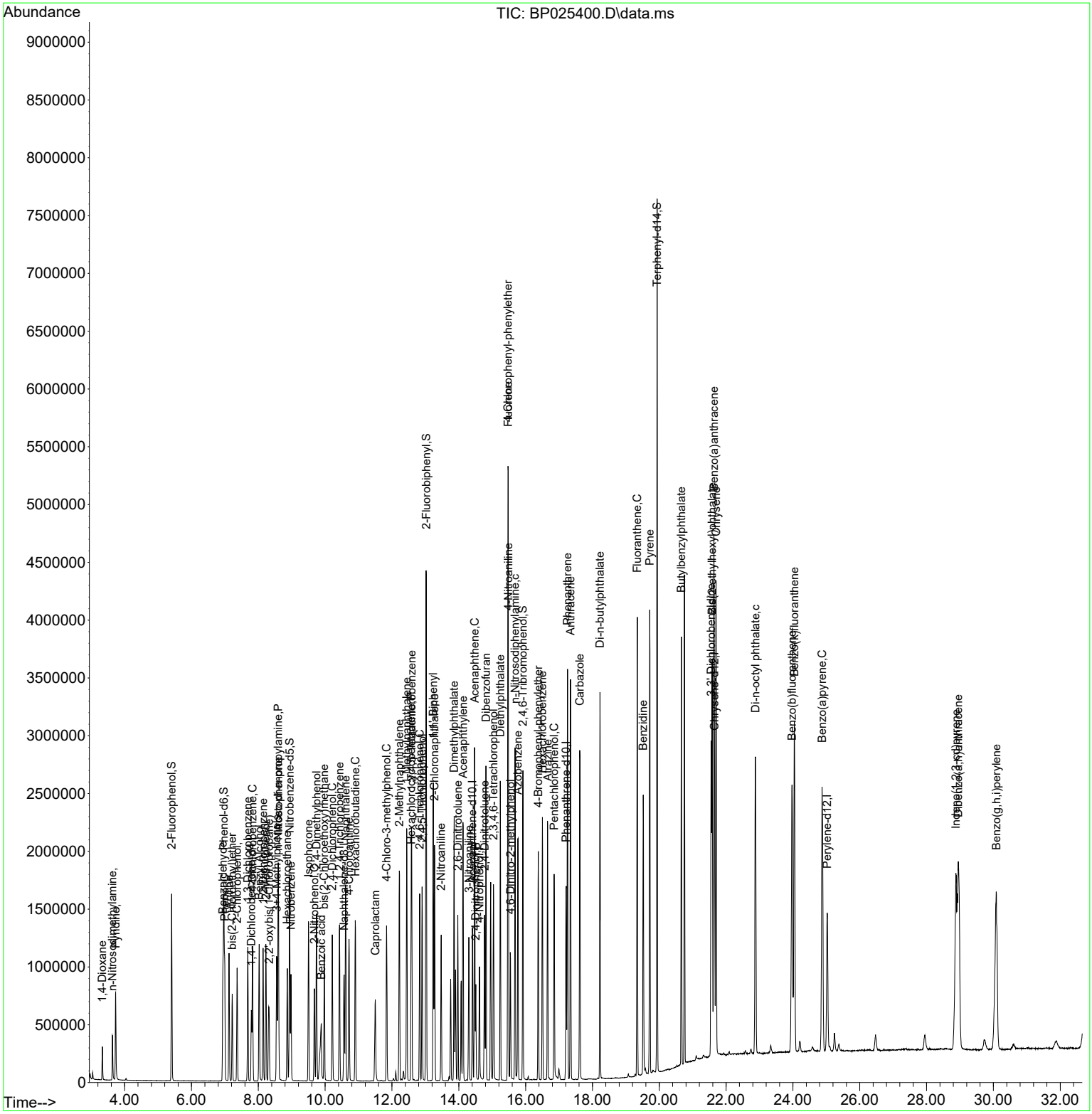
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

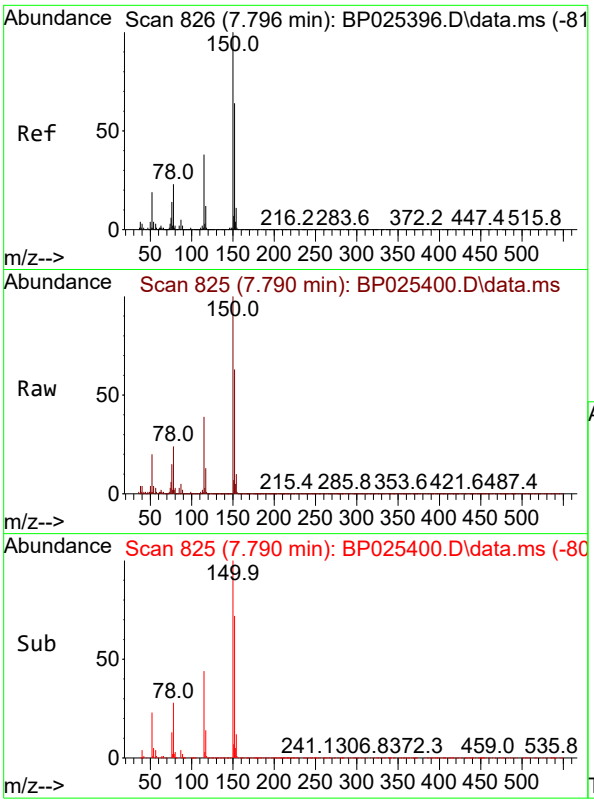
Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

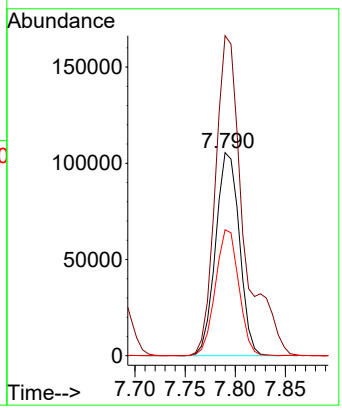




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:152 Resp: 17400

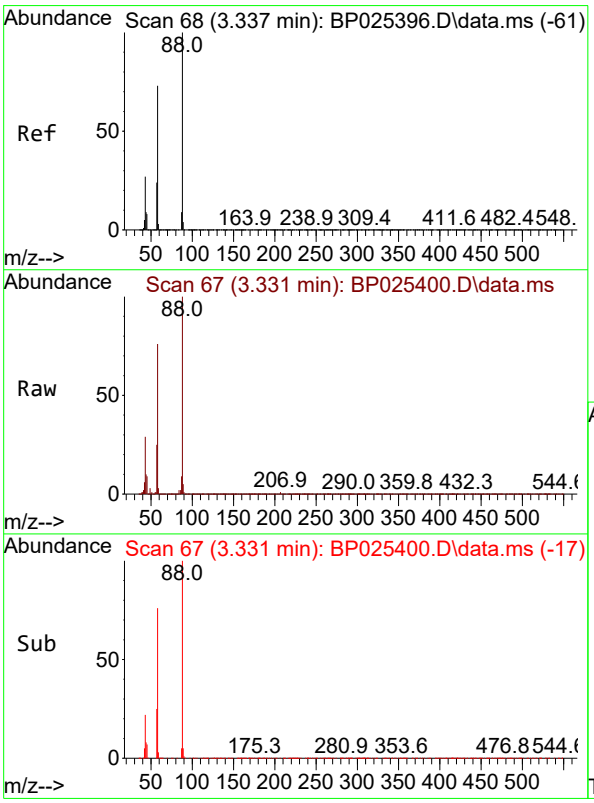
Ion	Ratio	Lower	Upper
152	100		
150	157.6	125.9	188.9
115	62.0	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

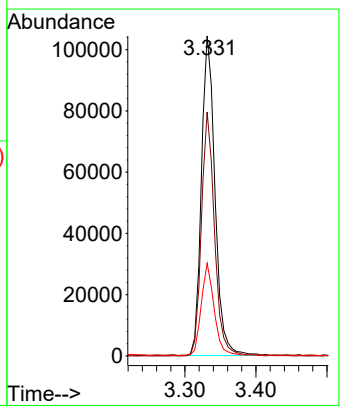
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

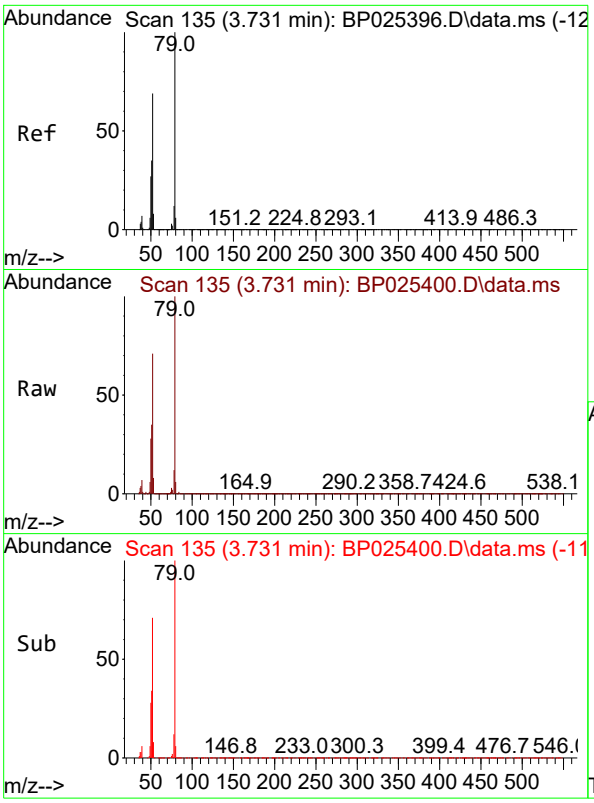


#2
1,4-Dioxane
Concen: 33.792 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 88 Resp: 138687

Ion	Ratio	Lower	Upper
88	100		
58	73.7	59.2	88.8
43	27.9	21.7	32.5

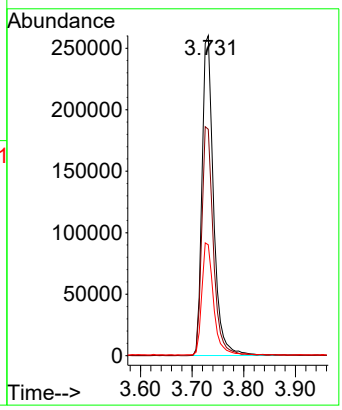




#3
Pyridine
Concen: 35.901 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 79 Resp: 40329

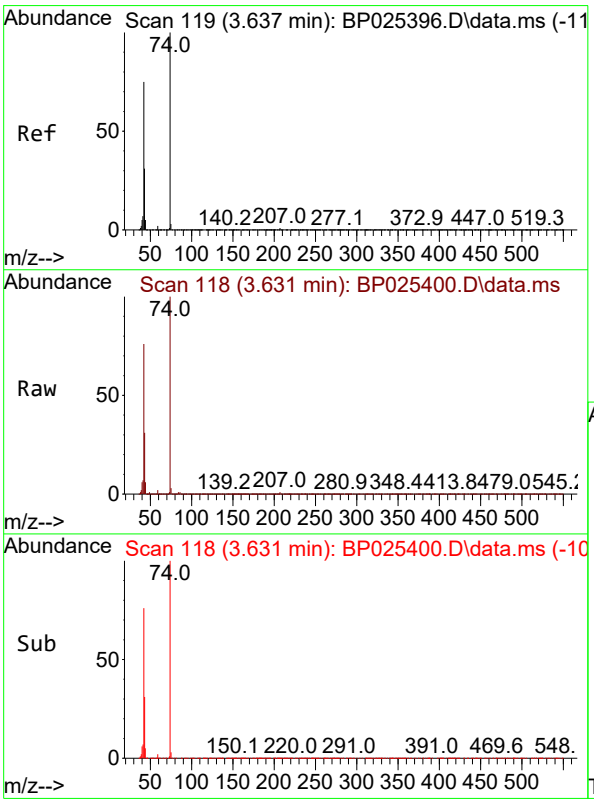
Ion	Ratio	Lower	Upper
79	100		
52	70.8	55.5	83.3
51	34.7	28.3	42.5



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

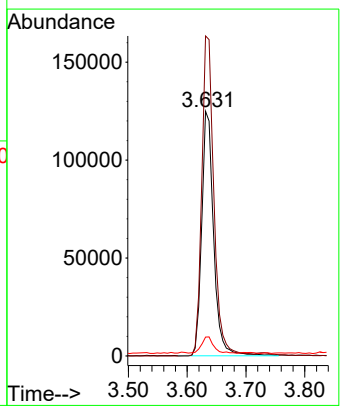
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

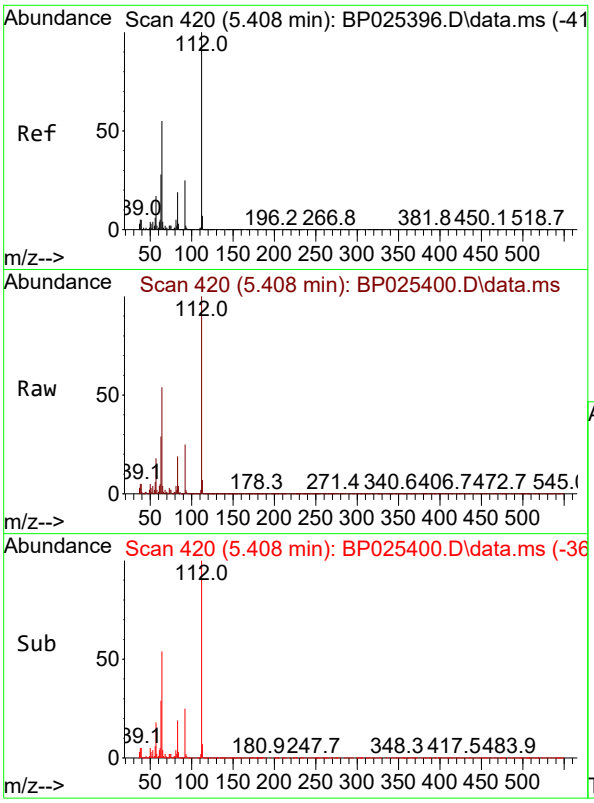


#4
n-Nitrosodimethylamine
Concen: 38.115 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 42 Resp: 176521

Ion	Ratio	Lower	Upper
42	100		
74	130.8	107.0	160.4
44	7.7	6.2	9.4

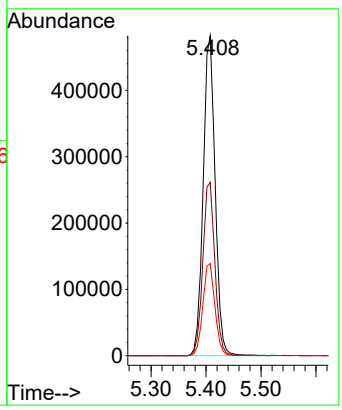




#5
2-Fluorophenol
Concen: 69.430 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:112 Resp: 72748

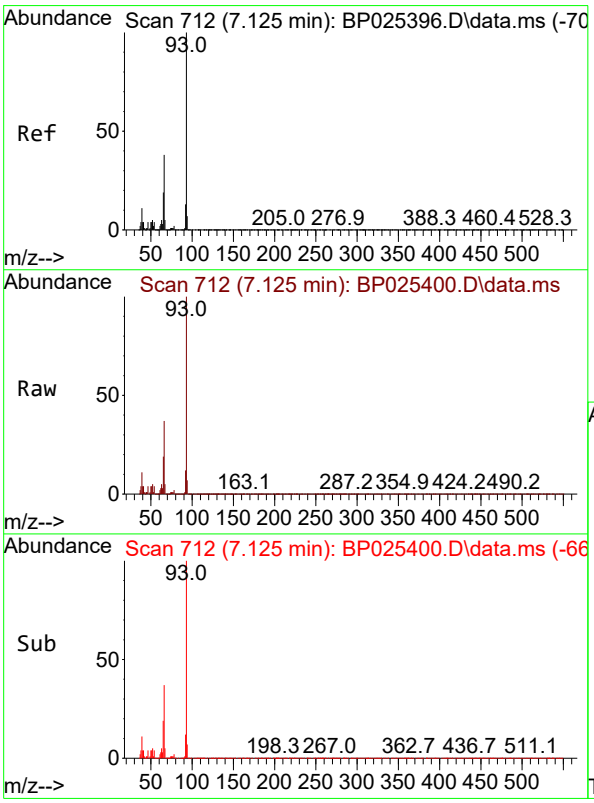
Ion	Ratio	Lower	Upper
112	100		
64	54.2	43.8	65.8
63	28.8	22.7	34.1



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

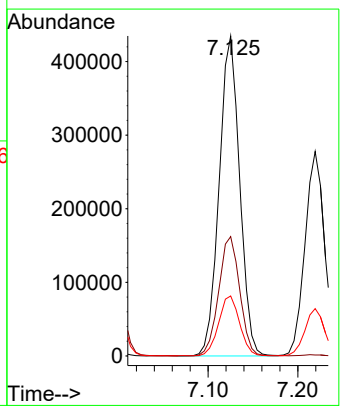
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

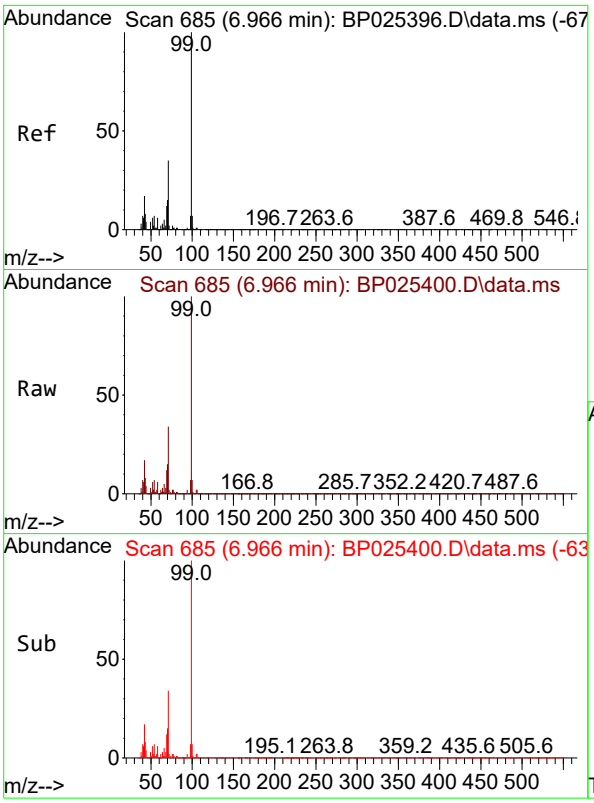


#6
Aniline
Concen: 38.147 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 93 Resp: 690437

Ion	Ratio	Lower	Upper
93	100		
66	37.3	30.4	45.6
65	18.7	15.3	22.9

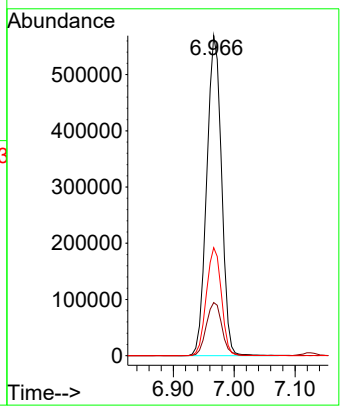




#7
Phenol-d6
Concen: 71.663 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 99 Resp: 96269

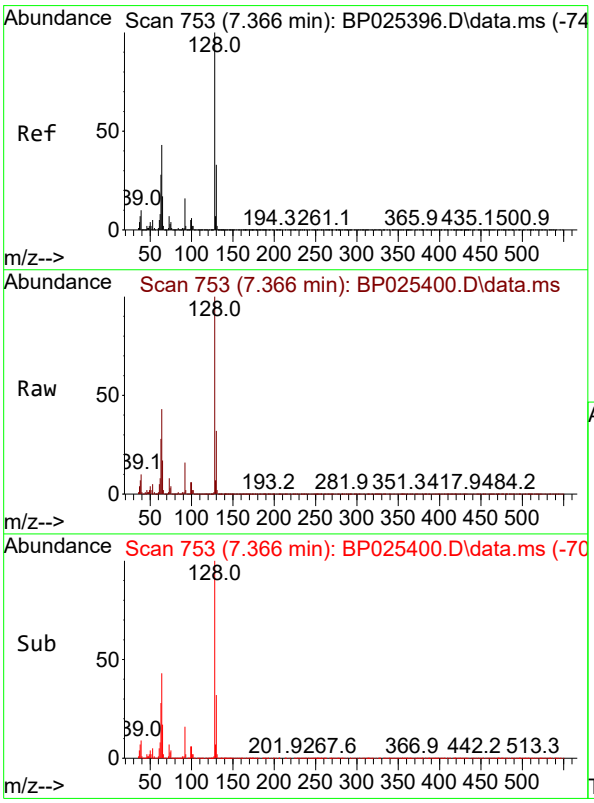
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.7	20.5
71	33.7	28.2	42.4



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

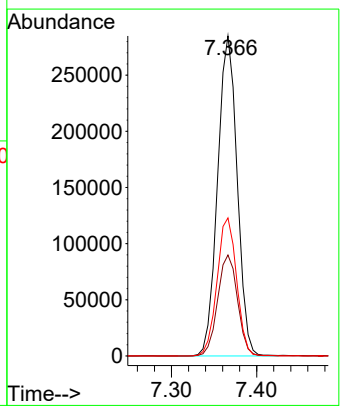
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

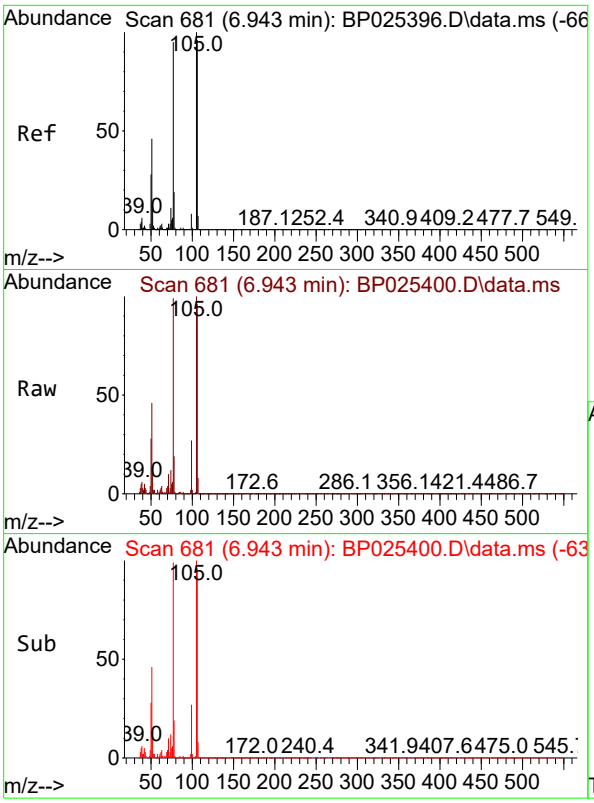


#8
2-Chlorophenol
Concen: 38.501 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:128 Resp: 455230

Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.6	52.6
64	43.2	23.4	63.4

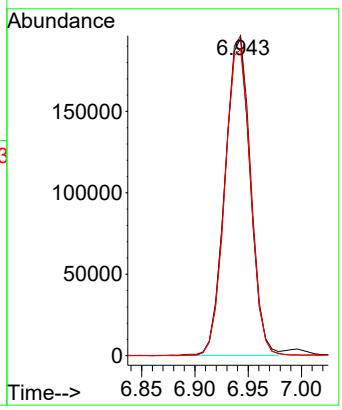




#9
Benzaldehyde
Concen: 34.142 ng
RT: 6.943 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 77 Resp: 32133

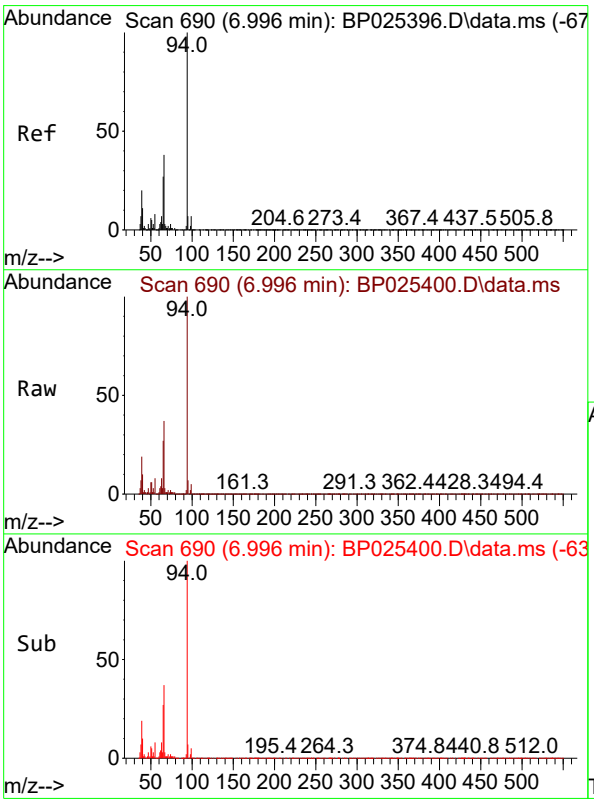
Ion	Ratio	Lower	Upper
77	100		
105	100.9	84.8	124.8
106	96.6	80.5	120.5



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

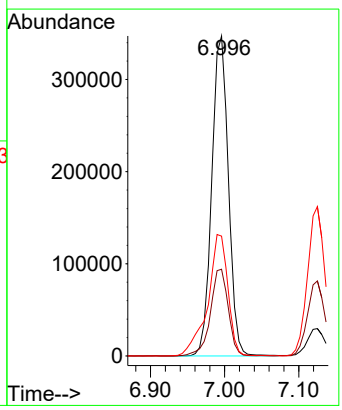
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

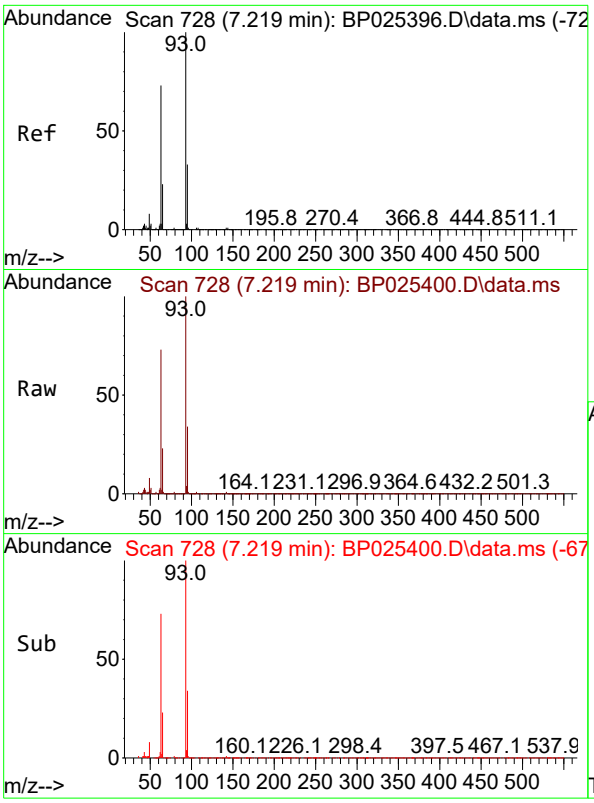


#10
Phenol
Concen: 38.388 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 94 Resp: 541123

Ion	Ratio	Lower	Upper
94	100		
65	27.1	6.8	46.8
66	37.5	18.2	58.2

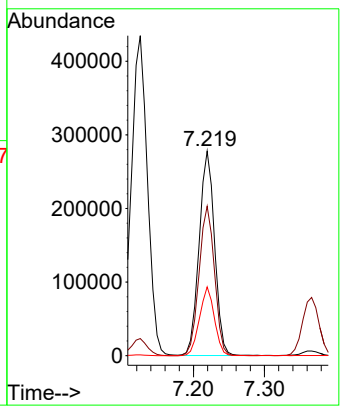




#11
bis(2-Chloroethyl)ether
Concen: 38.348 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 93 Resp: 42131

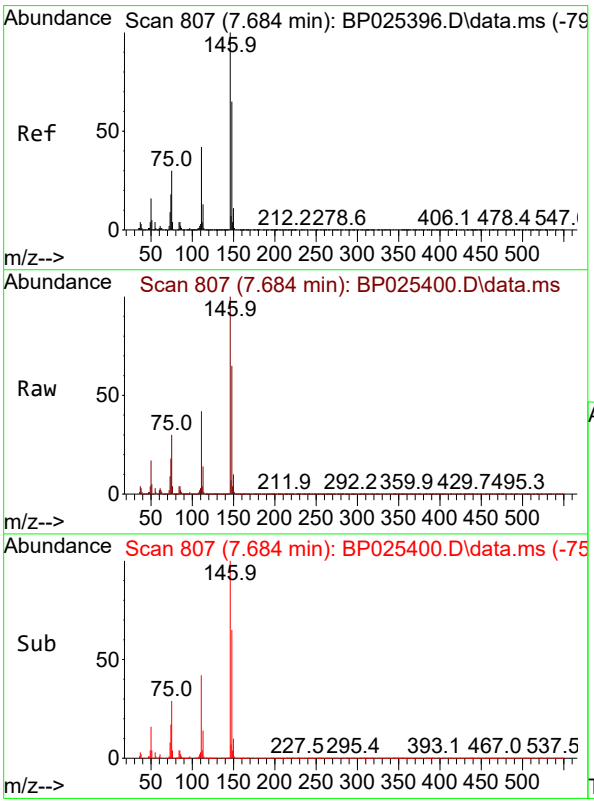
Ion	Ratio	Lower	Upper
93	100		
63	73.1	52.6	92.6
95	33.6	12.7	52.7



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

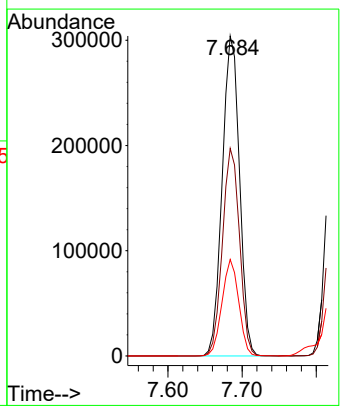
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

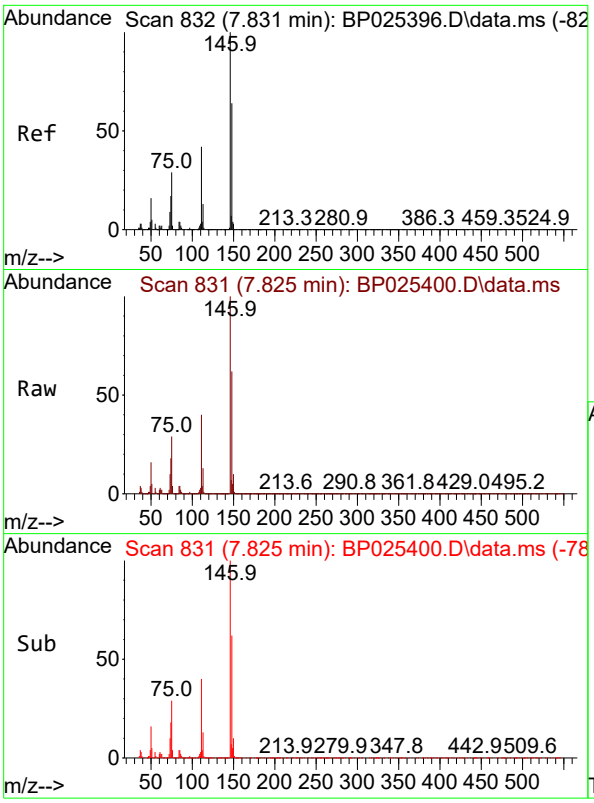


#12
1,3-Dichlorobenzene
Concen: 37.738 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:146 Resp: 492014

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
75	30.1	23.7	35.5

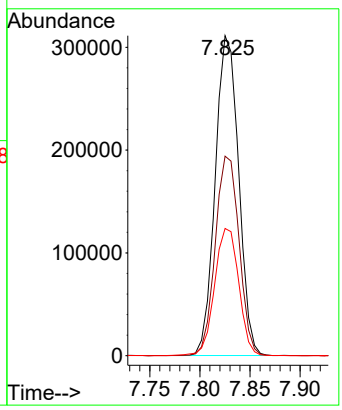




#13
1,4-Dichlorobenzene
Concen: 37.890 ng
RT: 7.825 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:146 Resp: 50491

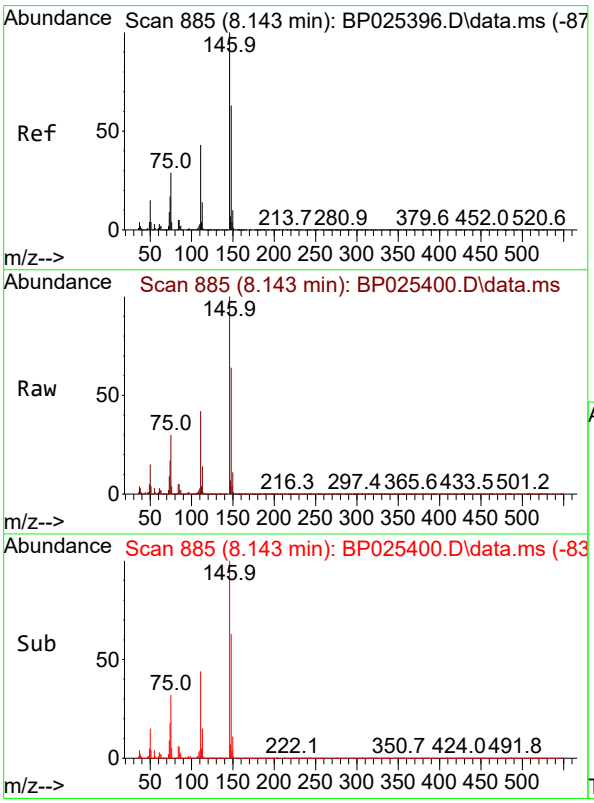
Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.6	77.4
111	39.8	33.4	50.0



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

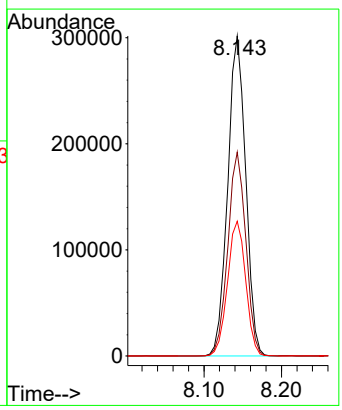
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

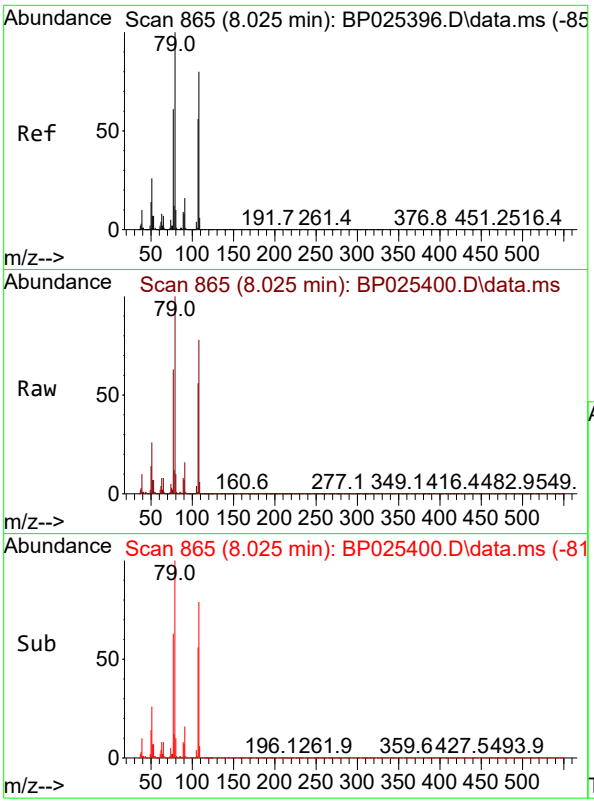


#14
1,2-Dichlorobenzene
Concen: 37.818 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:146 Resp: 487845

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.4	75.6
111	42.1	34.5	51.7

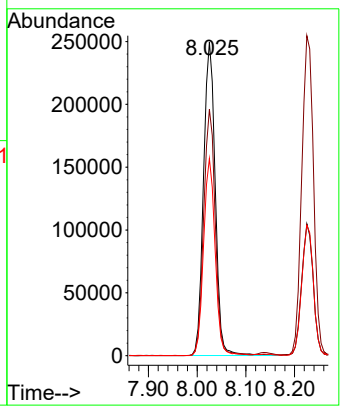




#15
Benzyl Alcohol
Concen: 39.025 ng
RT: 8.025 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 79 Resp: 41654

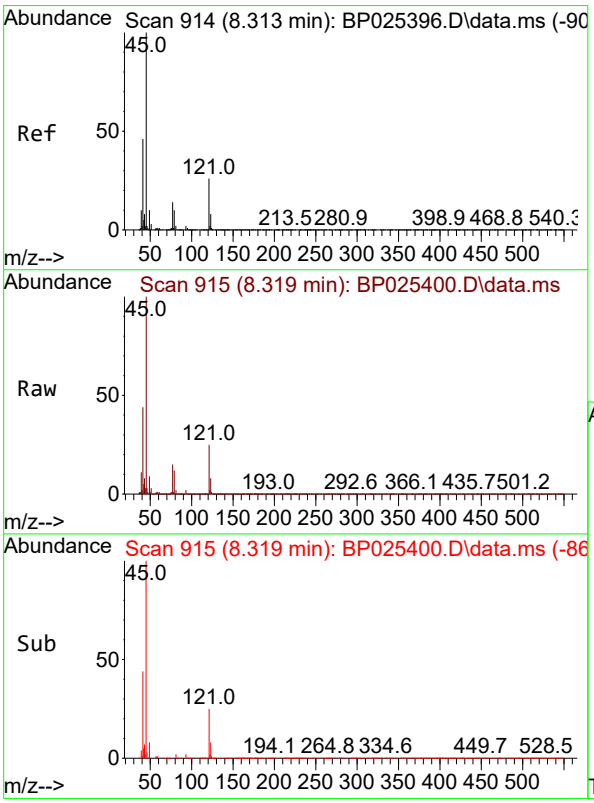
Ion	Ratio	Lower	Upper
79	100		
108	78.5	63.8	95.6
77	62.8	49.0	73.4



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations APPROVED

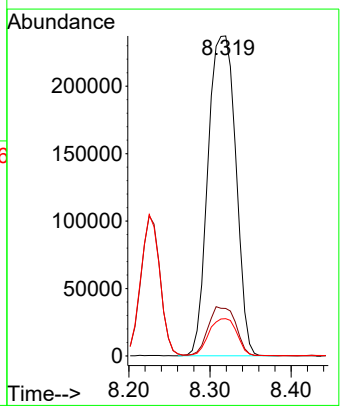
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

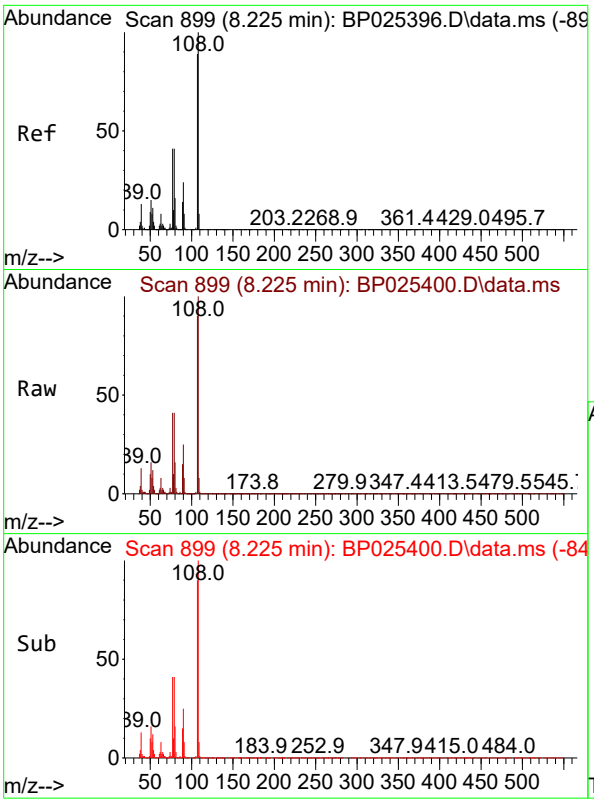


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.271 ng
RT: 8.319 min Scan# 915
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 45 Resp: 563276

Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	35.3
79	11.7	0.0	31.8





#17
2-Methylphenol
Concen: 38.877 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

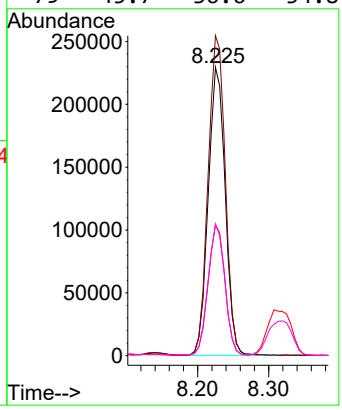
Instrument :
BNA_P
ClientSampleId :
ICVBP081425

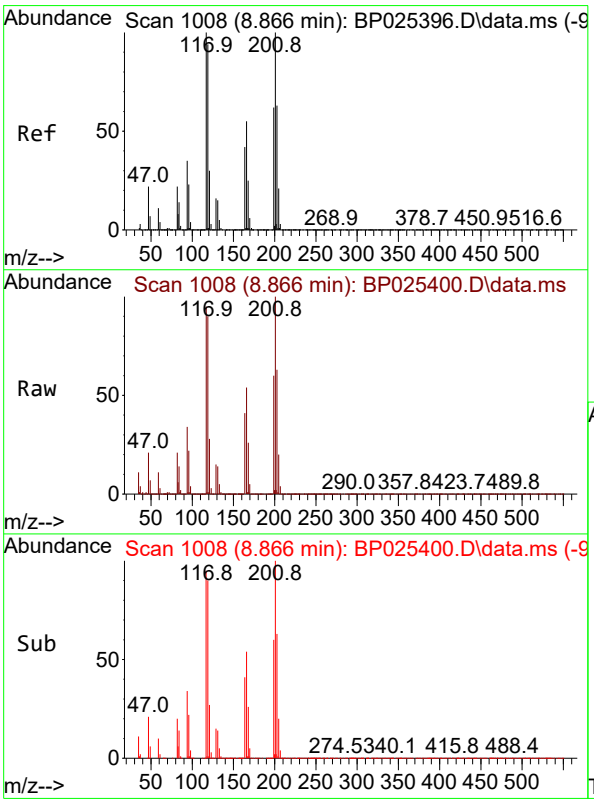
Tgt Ion:107 Resp: 38060

Ion	Ratio	Lower	Upper
107	100		
108	111.0	89.4	134.0
77	45.3	36.3	54.5
79	45.7	36.6	54.8

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Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

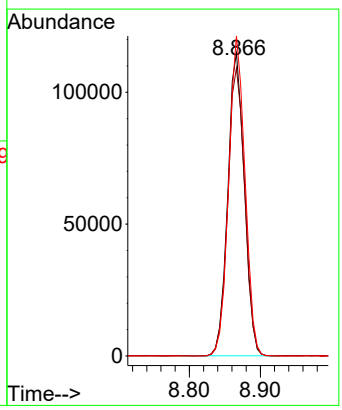


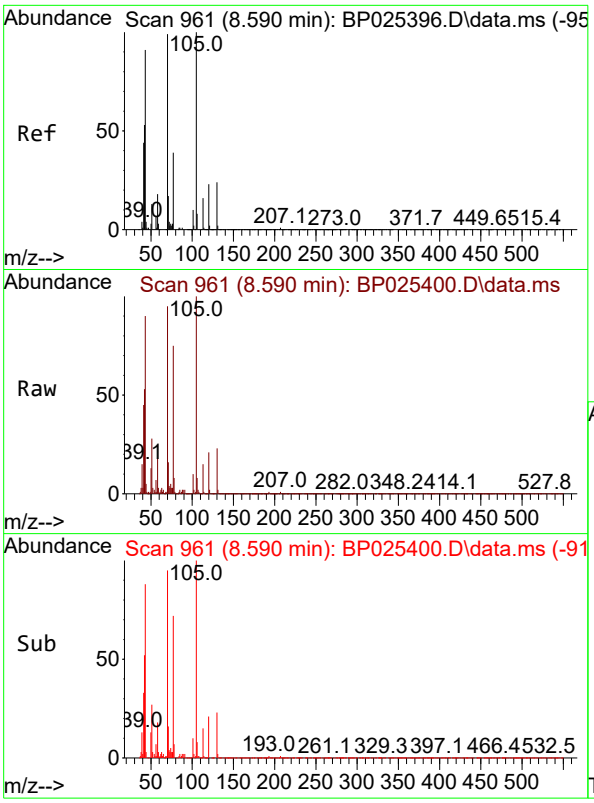


#18
Hexachloroethane
Concen: 38.103 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

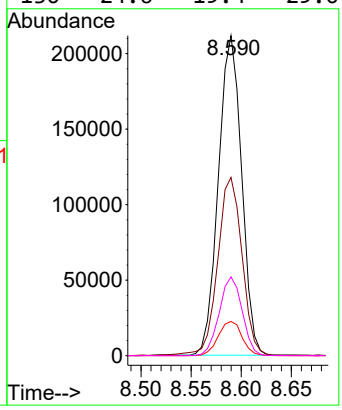




#19
n-Nitroso-di-n-propylamine
Concen: 38.270 ng
RT: 8.590 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 70 Resp: 34053

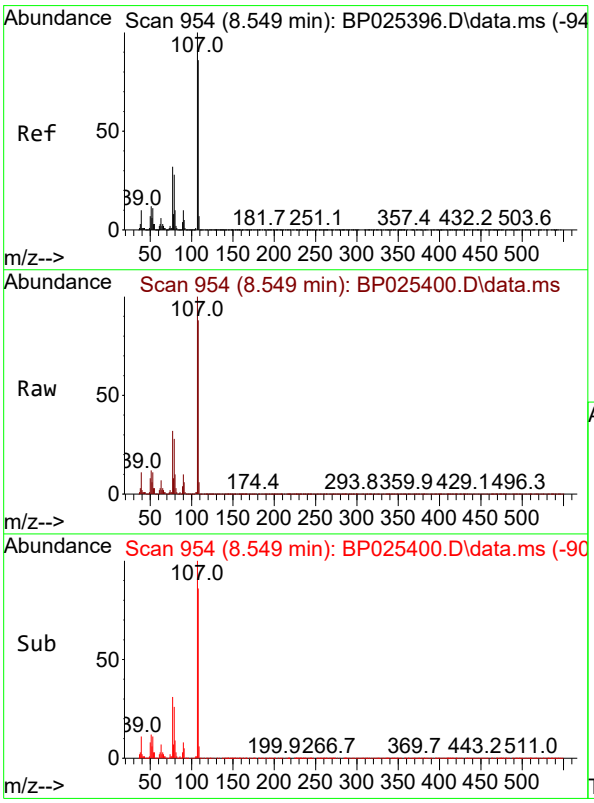
Ion	Ratio	Lower	Upper
70	100		
42	55.7	43.8	65.6
101	10.7	8.5	12.7
130	24.6	19.4	29.0



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
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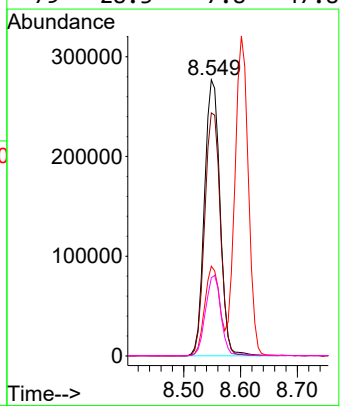
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

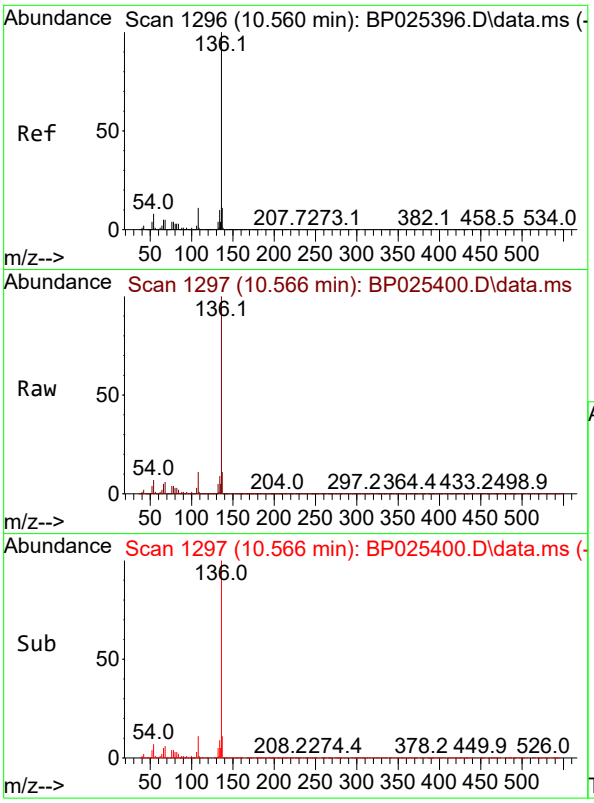


#20
3+4-Methylphenols
Concen: 38.620 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

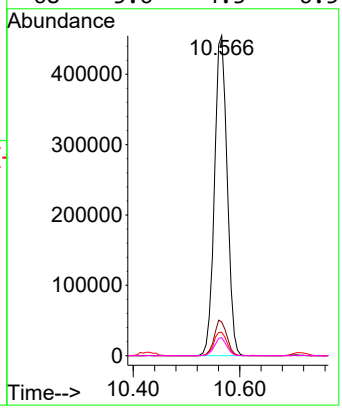




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:136 Resp: 75007

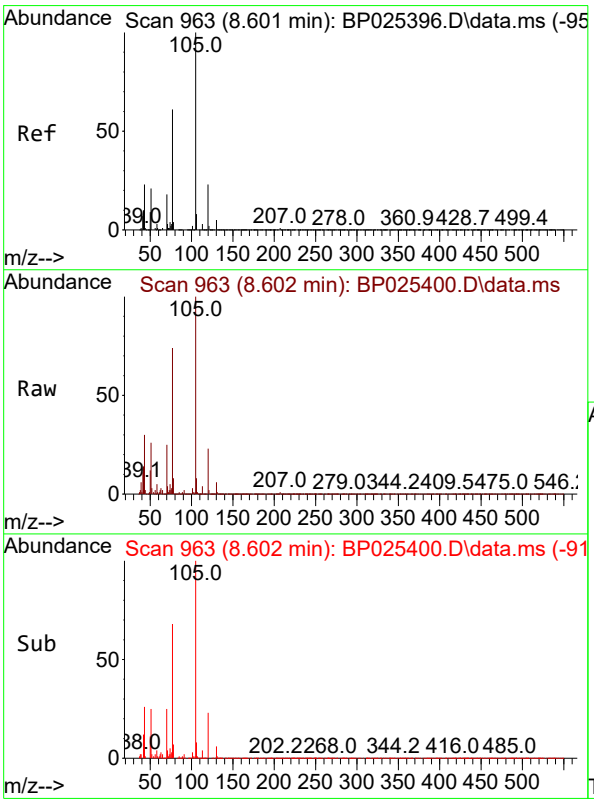
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.3	6.0	9.0
68	5.6	4.3	6.5



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
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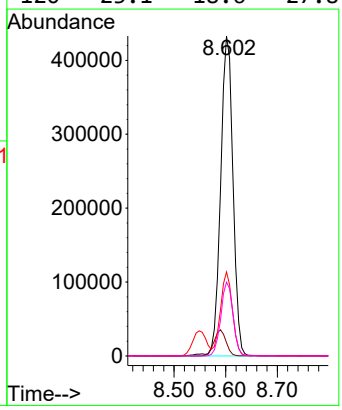
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

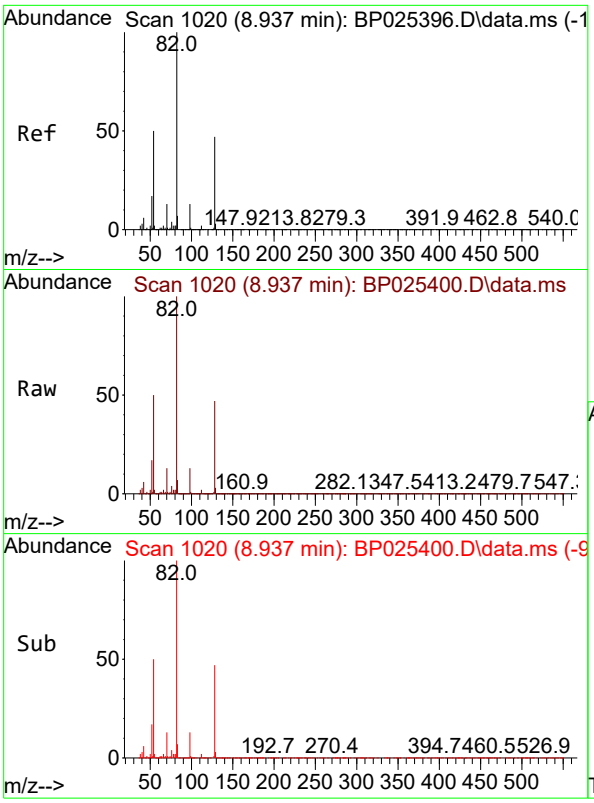


#22
Acetophenone
Concen: 38.216 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:105 Resp: 718869

Ion	Ratio	Lower	Upper
105	100		
71	4.2	2.6	4.0#
51	26.2	20.6	30.8
120	23.1	18.6	27.8

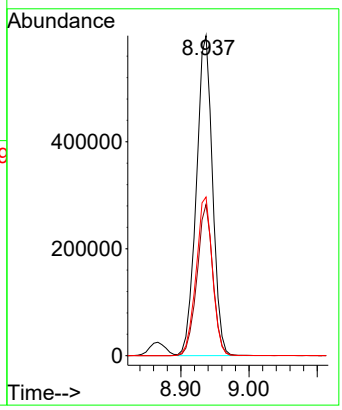




#23
Nitrobenzene-d5
Concen: 66.391 ng
RT: 8.937 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 82 Resp: 98444

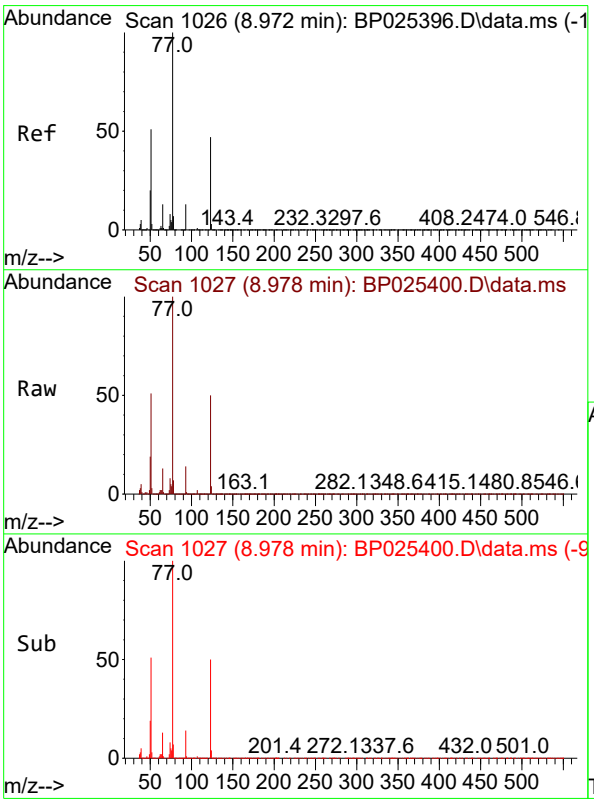
Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.7	56.5
54	49.6	39.8	59.6



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
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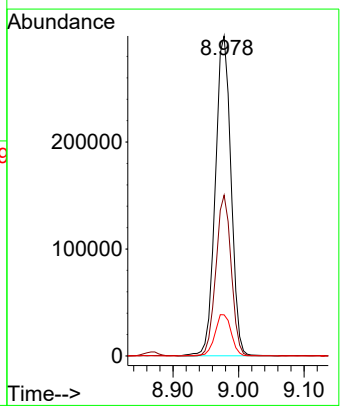
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

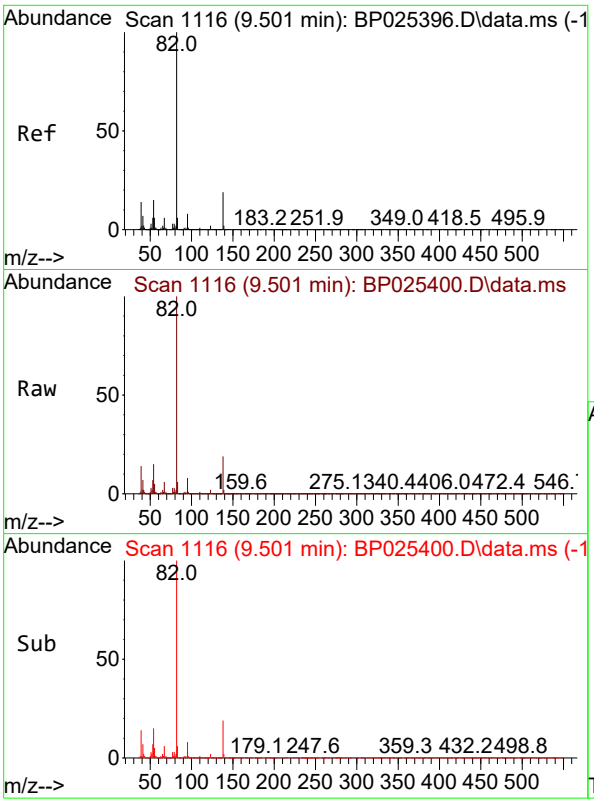


#24
Nitrobenzene
Concen: 37.313 ng
RT: 8.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

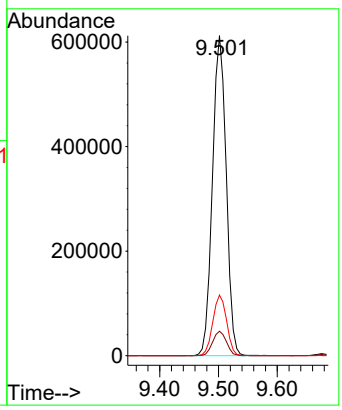
Tgt Ion: 82 Resp: 99337

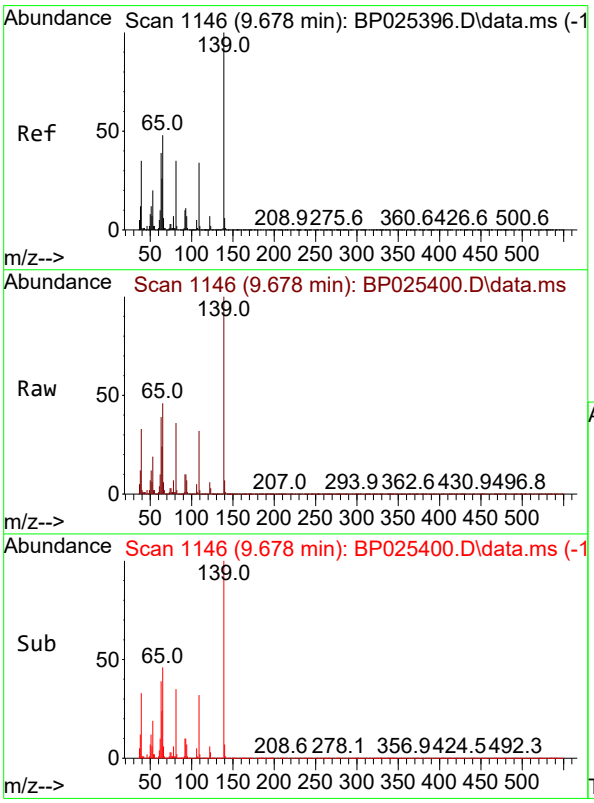
Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.4	9.6
138	18.9	15.4	23.0

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

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Supervised By :Jagrut Upadhyay 08/15/2025

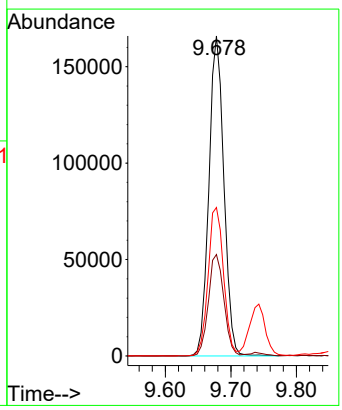


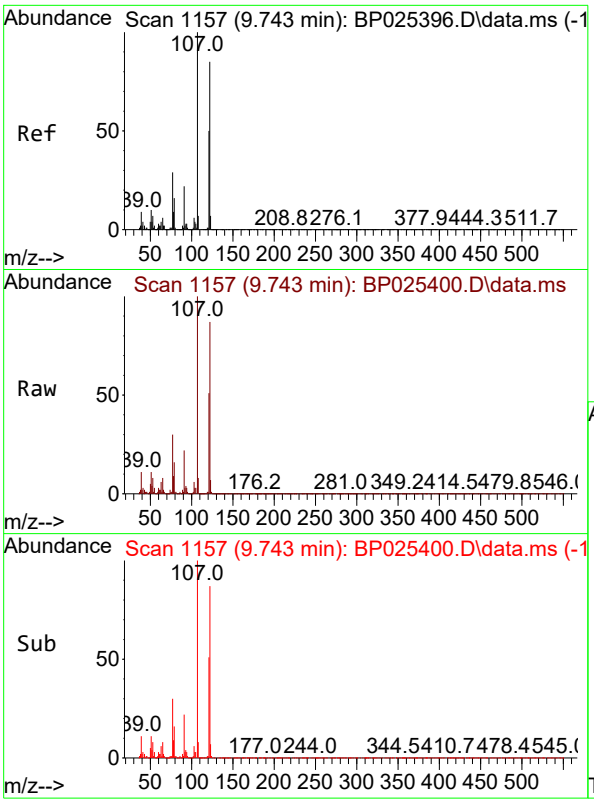


#26
2-Nitrophenol
Concen: 38.722 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

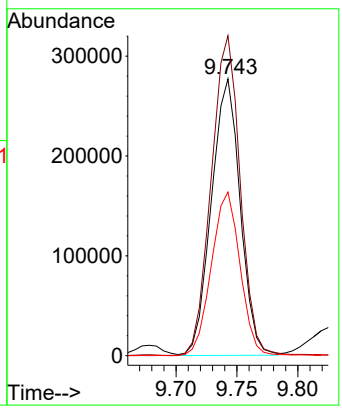




#27
2,4-Dimethylphenol
Concen: 38.910 ng
RT: 9.743 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:122 Resp: 45507

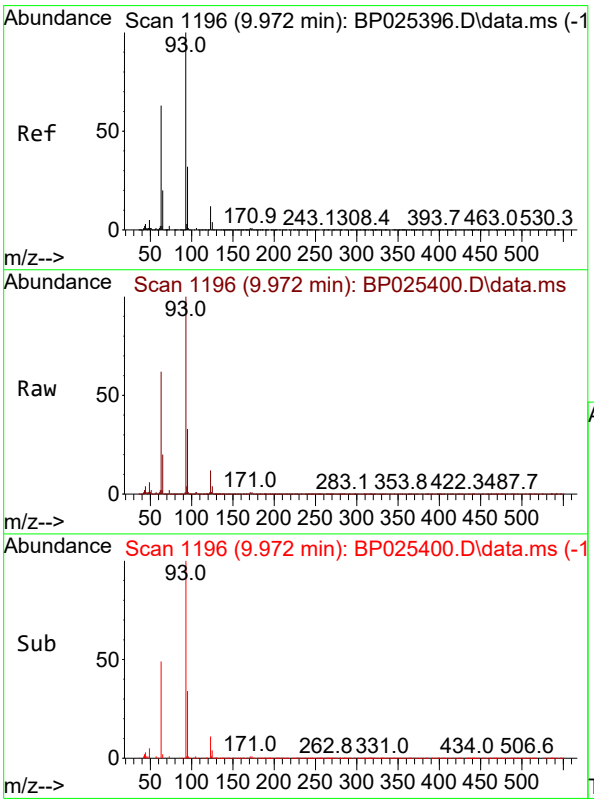
Ion	Ratio	Lower	Upper
122	100		
107	115.6	93.7	140.5
121	59.1	46.6	69.8



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
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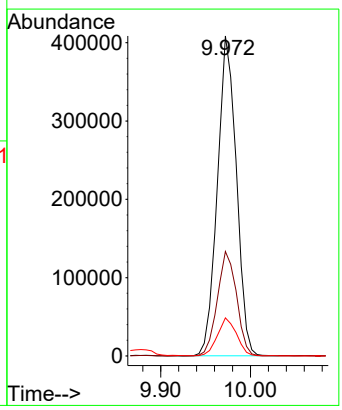
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

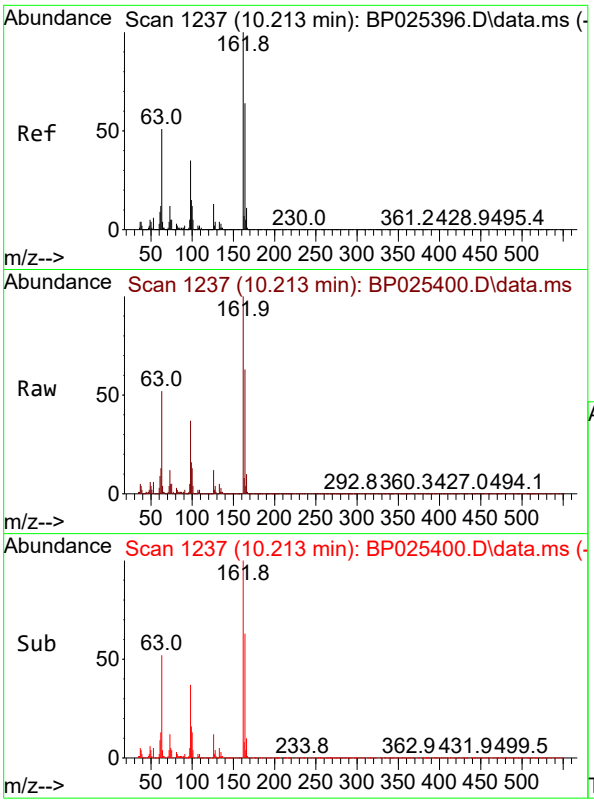


#28
bis(2-Chloroethoxy)methane
Concen: 37.816 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

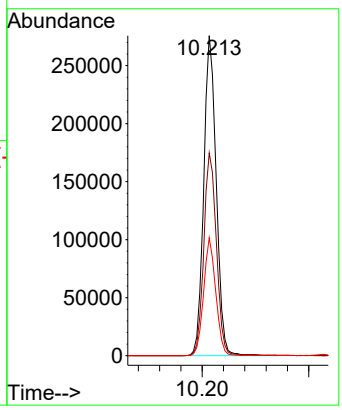




#29
2,4-Dichlorophenol
Concen: 38.649 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:162 Resp: 44903

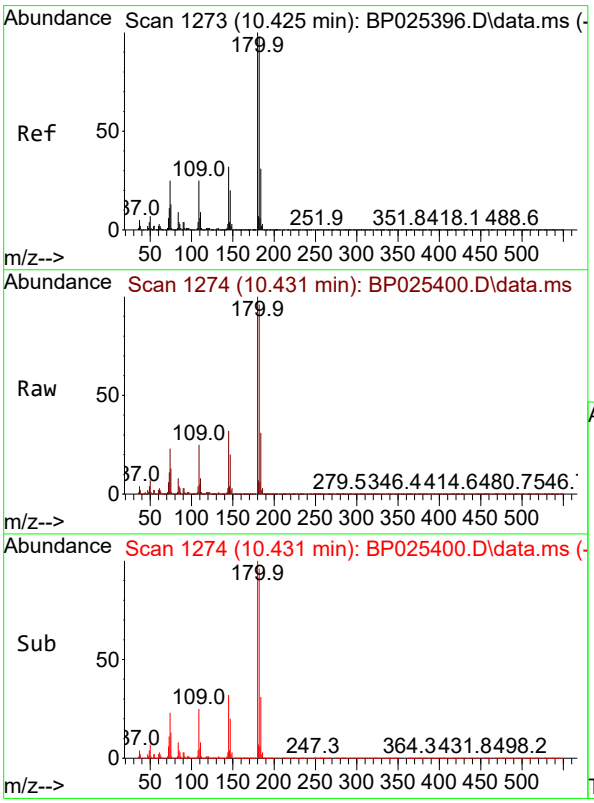
Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.4	84.4
98	36.9	14.9	54.9



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
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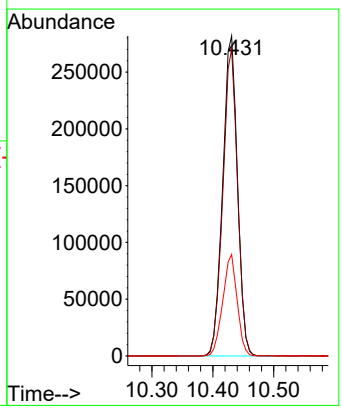
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

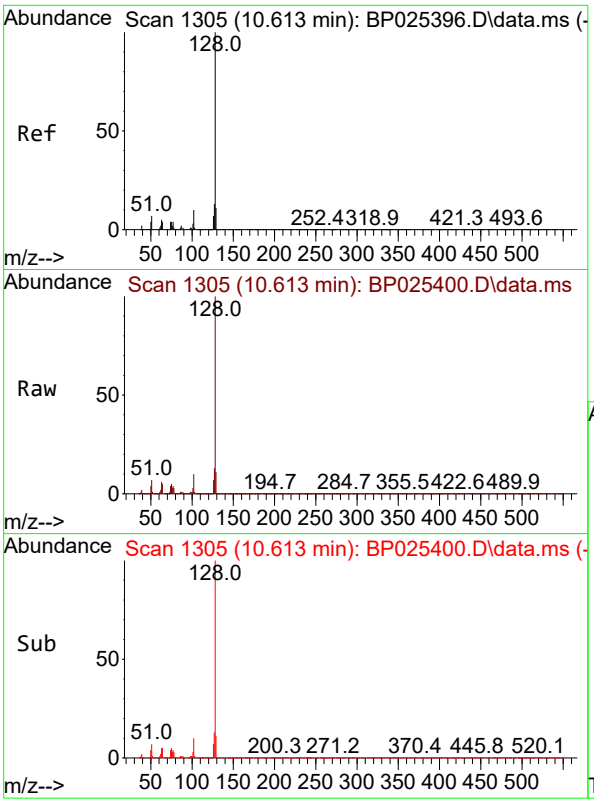


#30
1,2,4-Trichlorobenzene
Concen: 37.231 ng
RT: 10.431 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

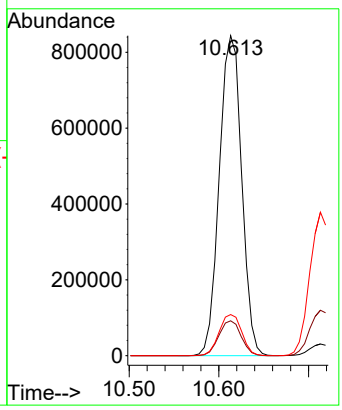




#31
Naphthalene
Concen: 37.431 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:128 Resp: 145927

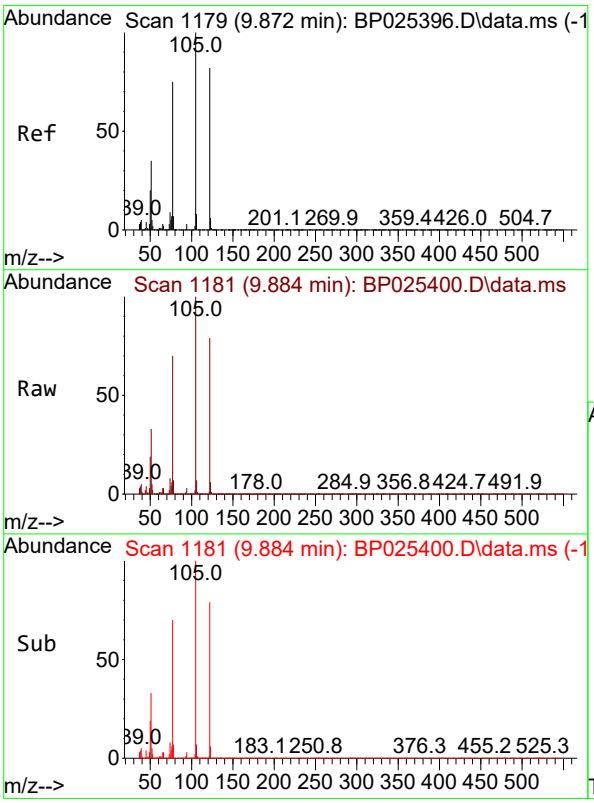
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	12.8	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
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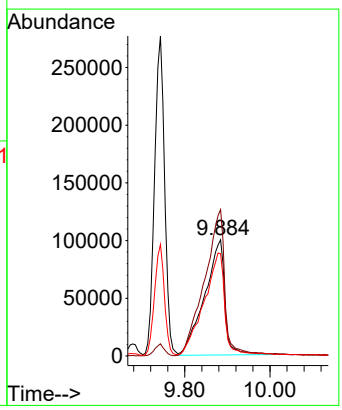
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

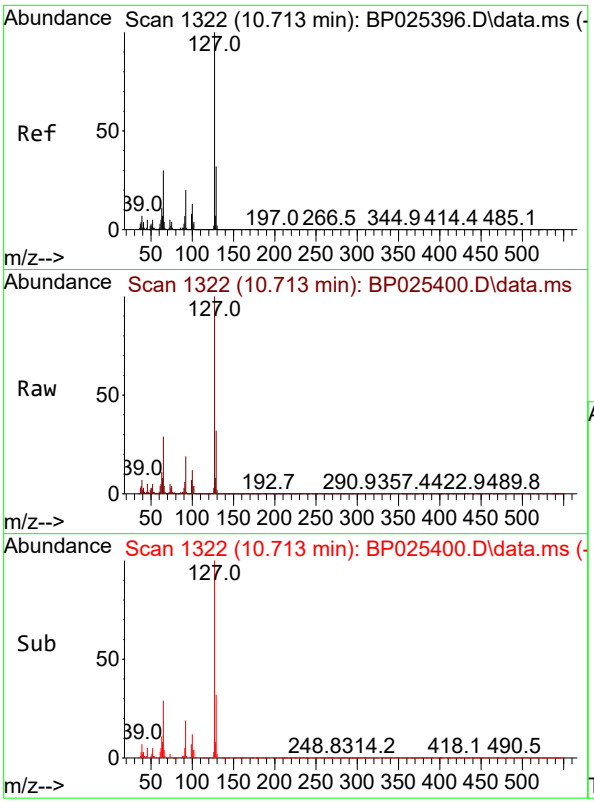


#32
Benzoic acid
Concen: 38.242 ng
RT: 9.884 min Scan# 1181
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:122 Resp: 330207

Ion	Ratio	Lower	Upper
122	100		
105	126.0	100.6	140.6
77	88.0	71.5	111.5

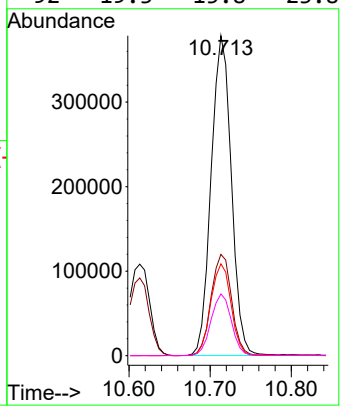




#33
4-Chloroaniline
Concen: 38.043 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:127 Resp: 65513

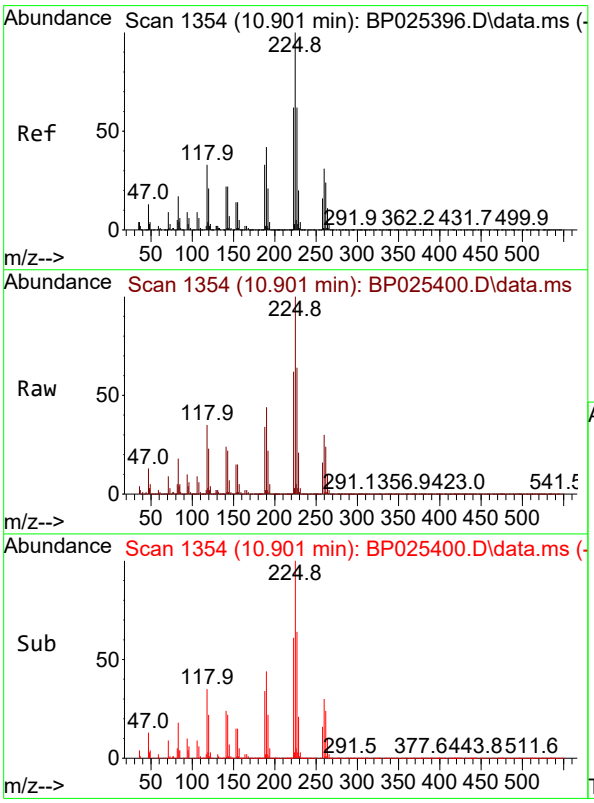
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.4	38.2
65	28.7	23.8	35.6
92	19.3	15.8	23.8



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
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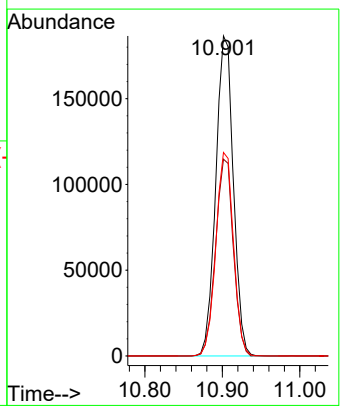
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

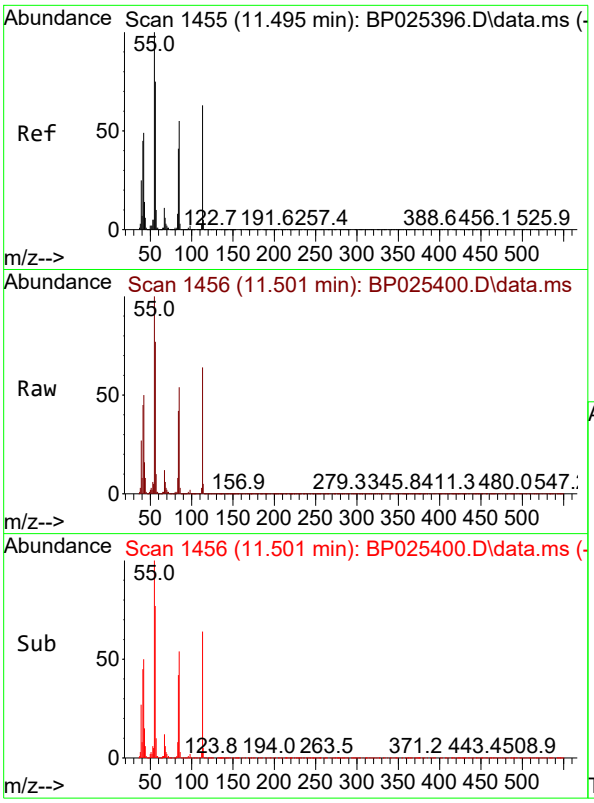


#34
Hexachlorobutadiene
Concen: 37.031 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

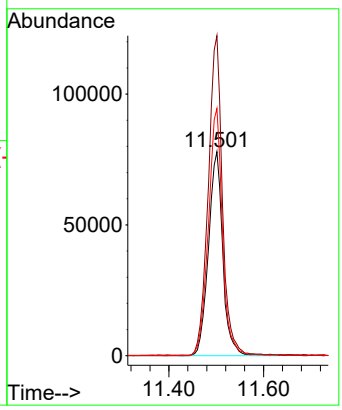




#35
Caprolactam
Concen: 38.310 ng
RT: 11.501 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:113 Resp: 16321

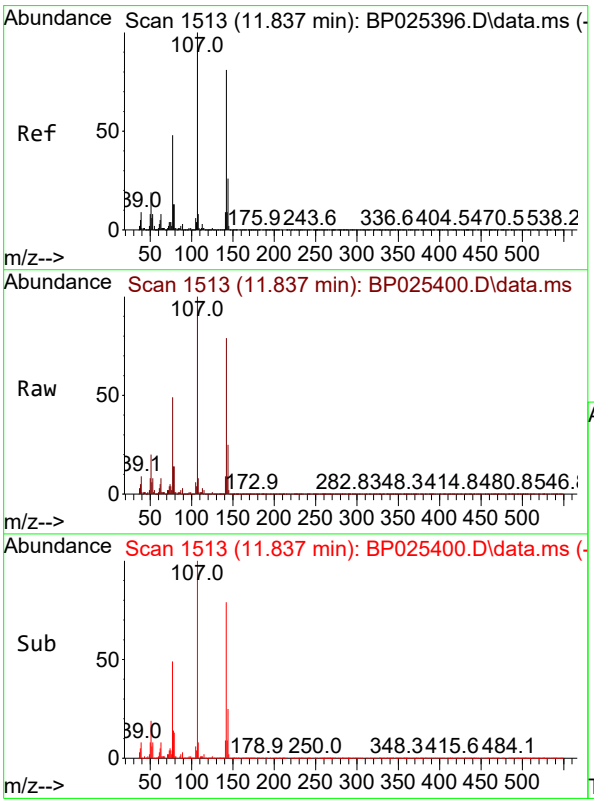
Ion	Ratio	Lower	Upper
113	100		
55	156.9	140.0	180.0
56	121.2	100.0	140.0



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
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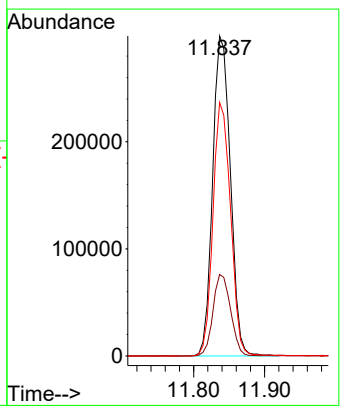
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

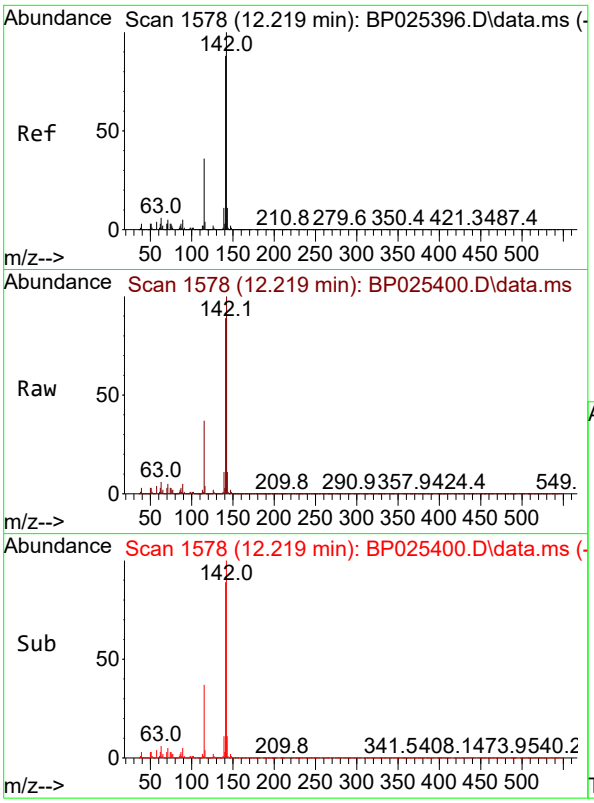


#36
4-Chloro-3-methylphenol
Concen: 38.789 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

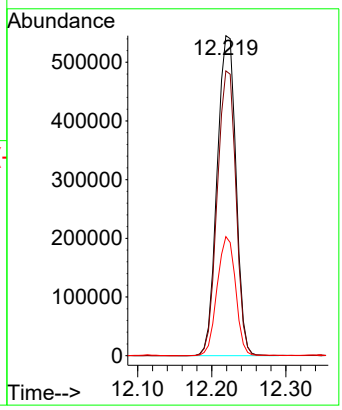




#37
2-Methylnaphthalene
Concen: 37.845 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:142 Resp: 96014

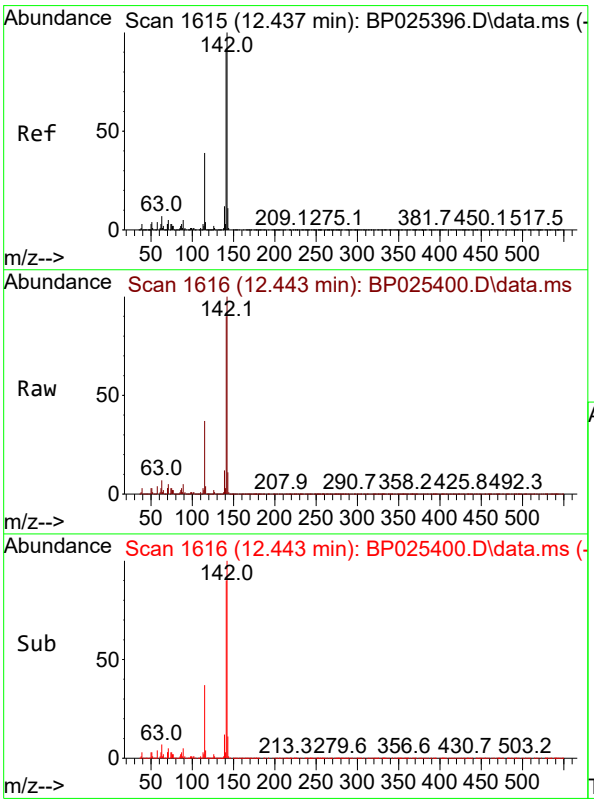
Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.3	105.5
115	37.2	28.9	43.3



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
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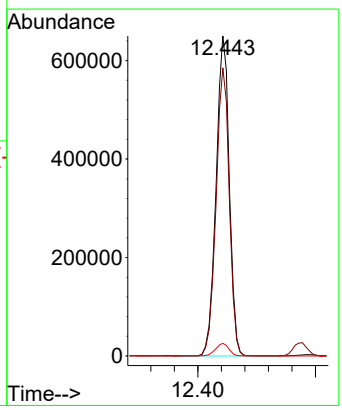
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

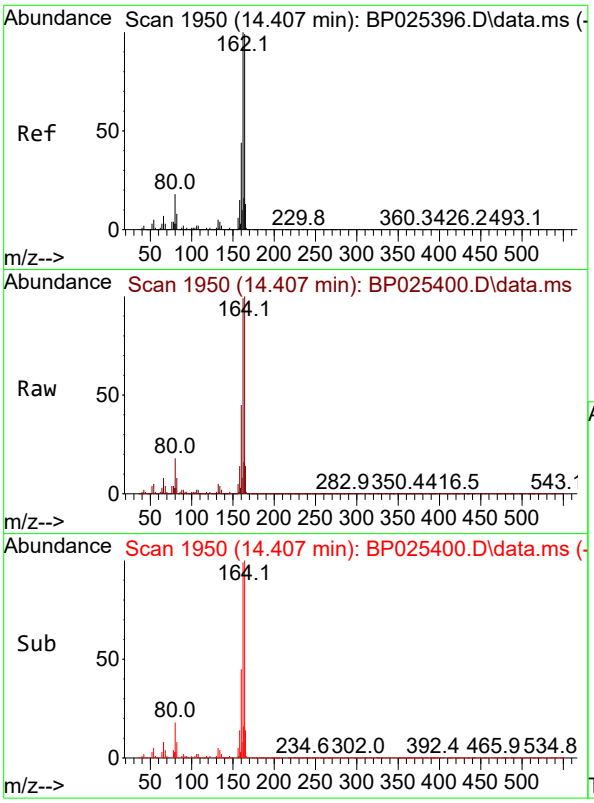


#38
1-Methylnaphthalene
Concen: 37.539 ng
RT: 12.443 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

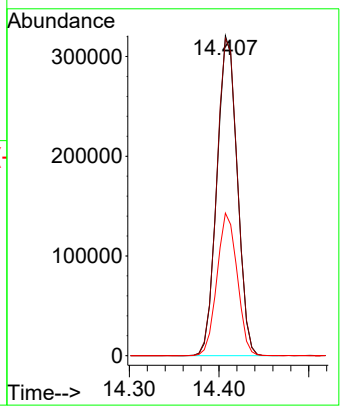




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:164 Resp: 50323

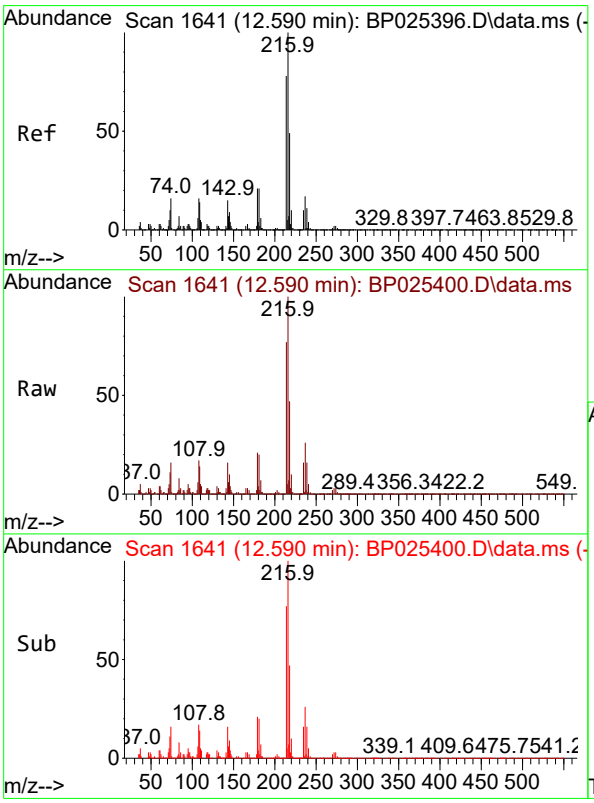
Ion	Ratio	Lower	Upper
164	100		
162	99.1	81.0	121.6
160	44.5	35.4	53.2



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
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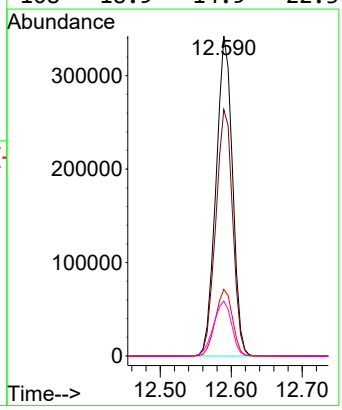
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

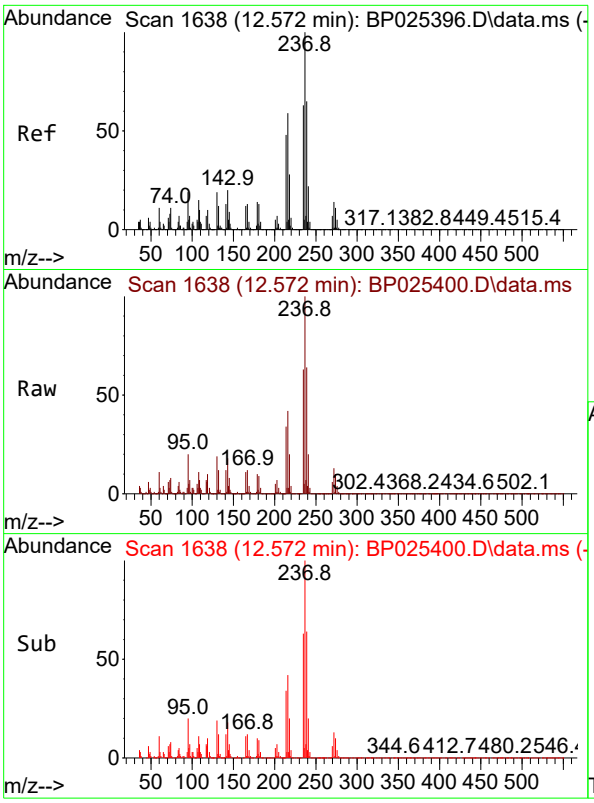


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.895 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

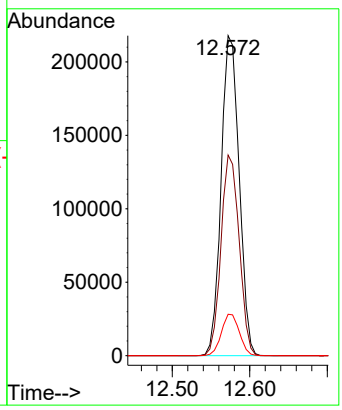
Instrument :
BNA_P
ClientSampleId :
ICVBP081425

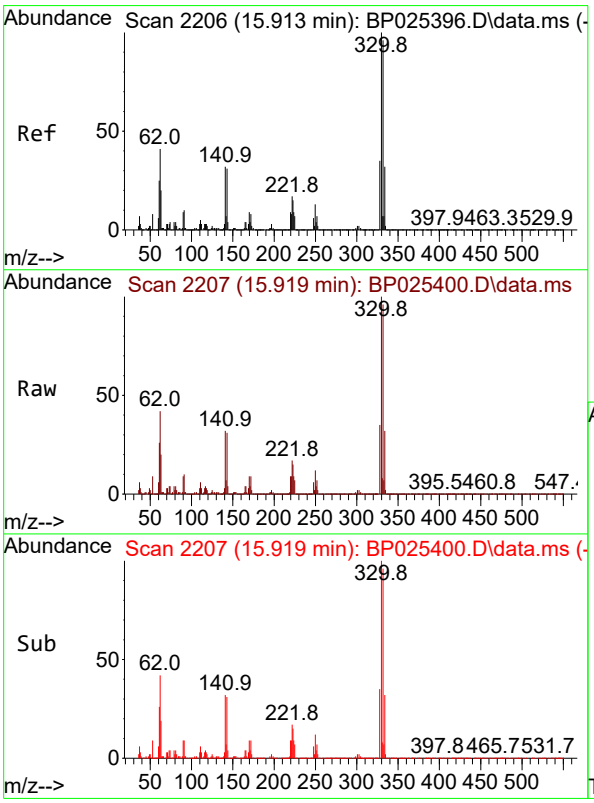
Tgt Ion:237 Resp: 35181

Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.7	82.7
272	13.0	0.0	34.0

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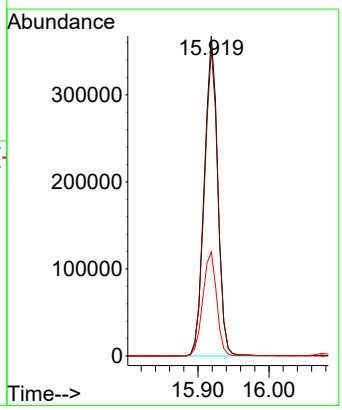


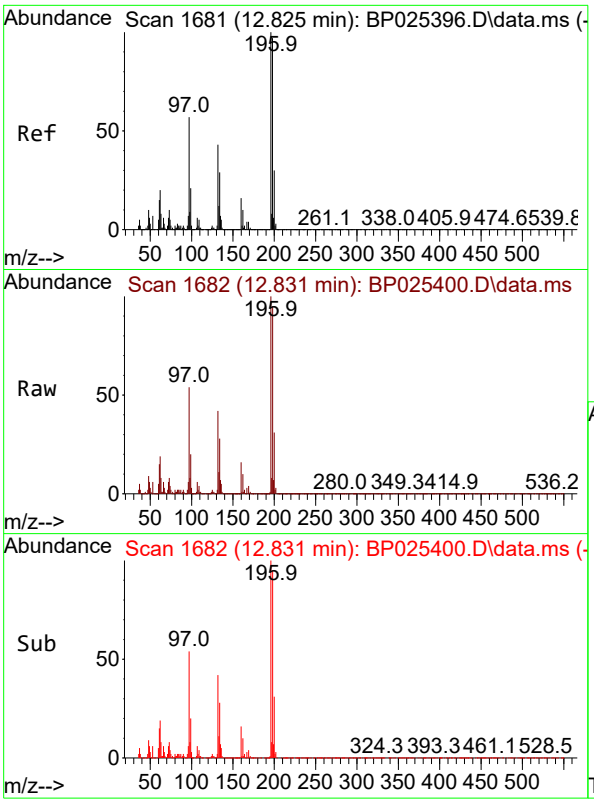


#42
2,4,6-Tribromophenol
Concen: 71.582 ng
RT: 15.919 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

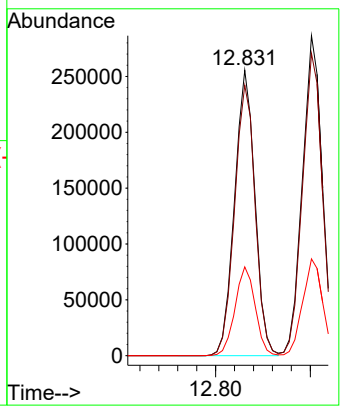




#43
2,4,6-Trichlorophenol
Concen: 38.972 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:196 Resp: 38239

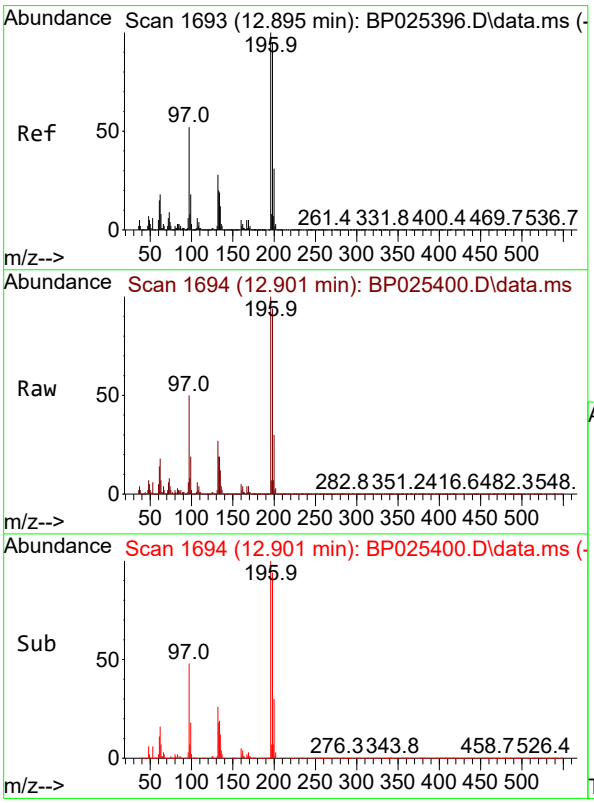
Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.2	115.8
200	31.1	23.9	35.9



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations APPROVED

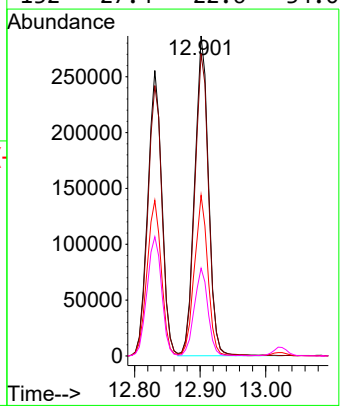
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

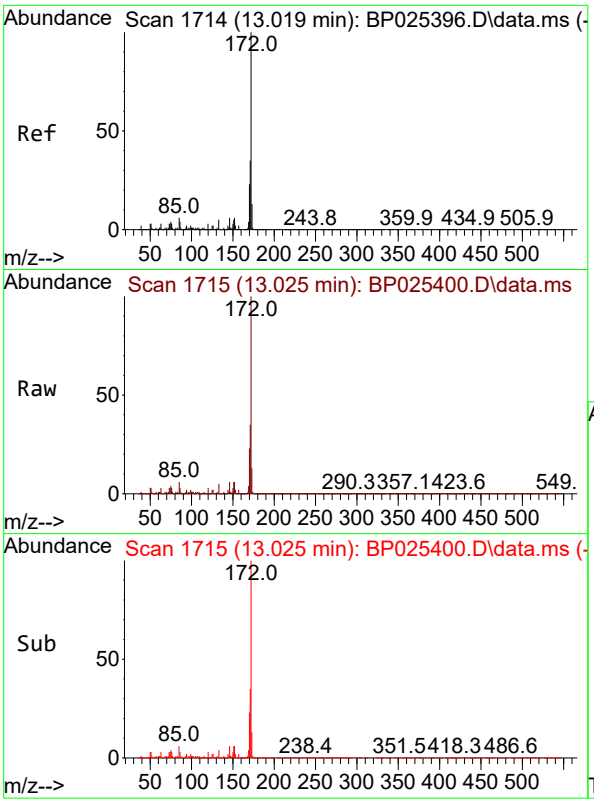


#44
2,4,5-Trichlorophenol
Concen: 39.108 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

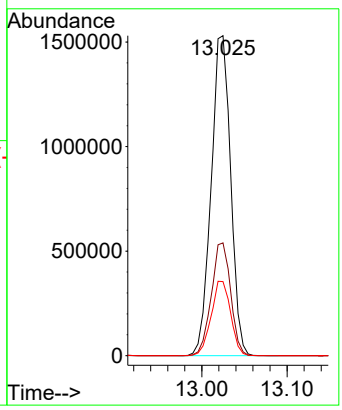




#45
2-Fluorobiphenyl
Concen: 66.016 ng
RT: 13.025 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:172 Resp: 243082

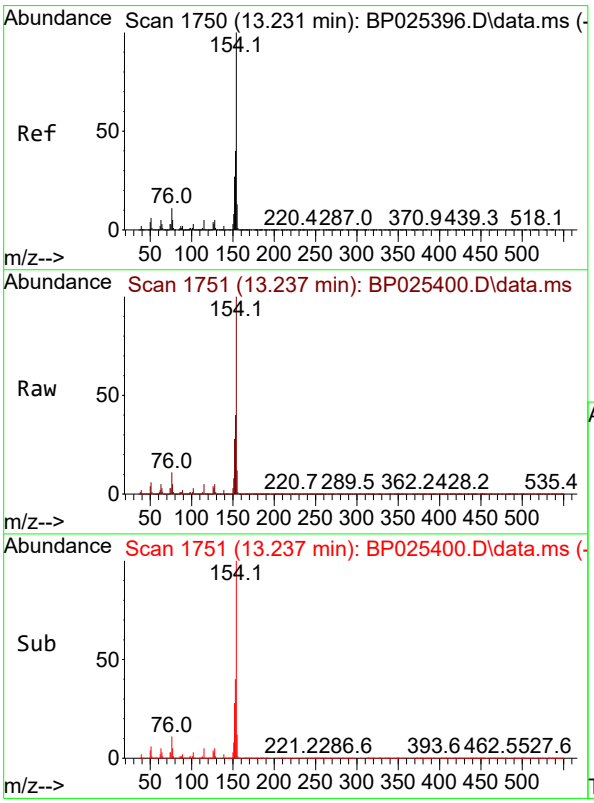
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.1	42.1
170	23.1	18.6	28.0



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

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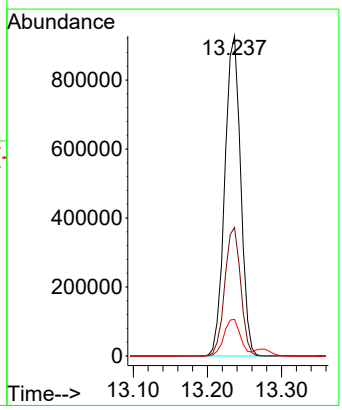
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

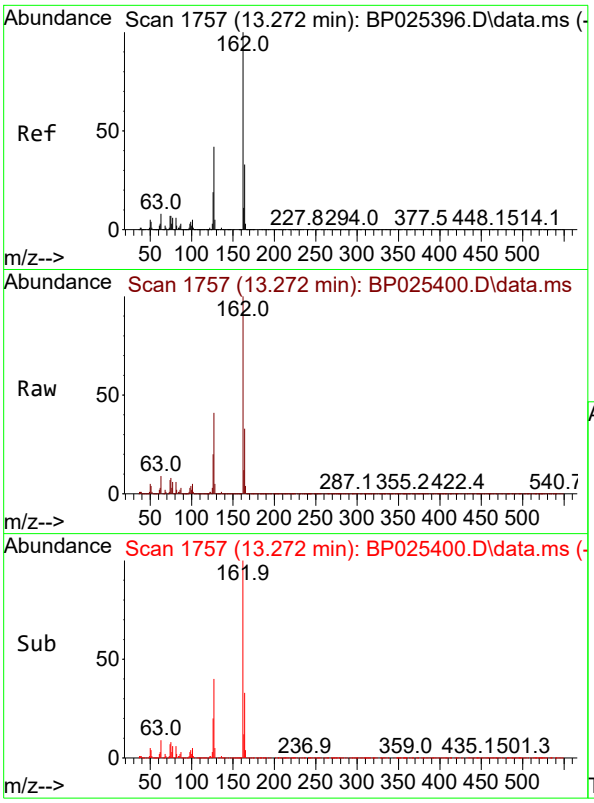


#46
1,1'-Biphenyl
Concen: 37.672 ng
RT: 13.237 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

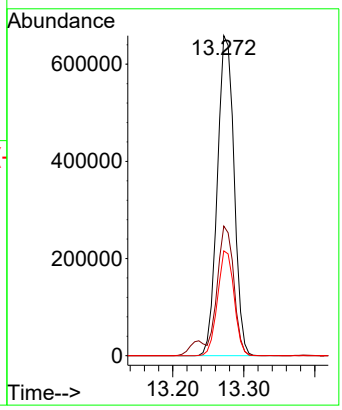




#47
2-Chloronaphthalene
Concen: 37.682 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:162 Resp: 107214

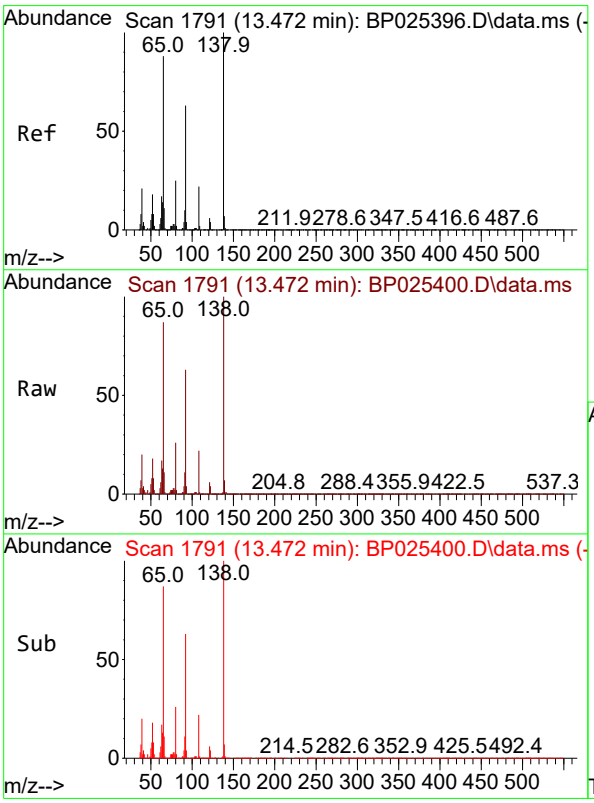
Ion	Ratio	Lower	Upper
162	100		
127	40.5	33.4	50.2
164	32.8	26.2	39.2



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
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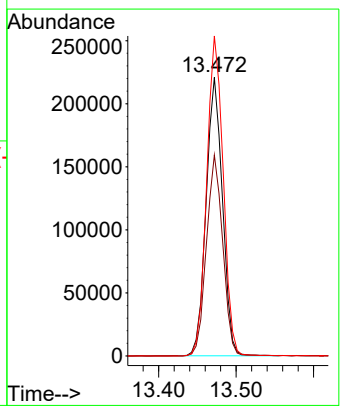
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

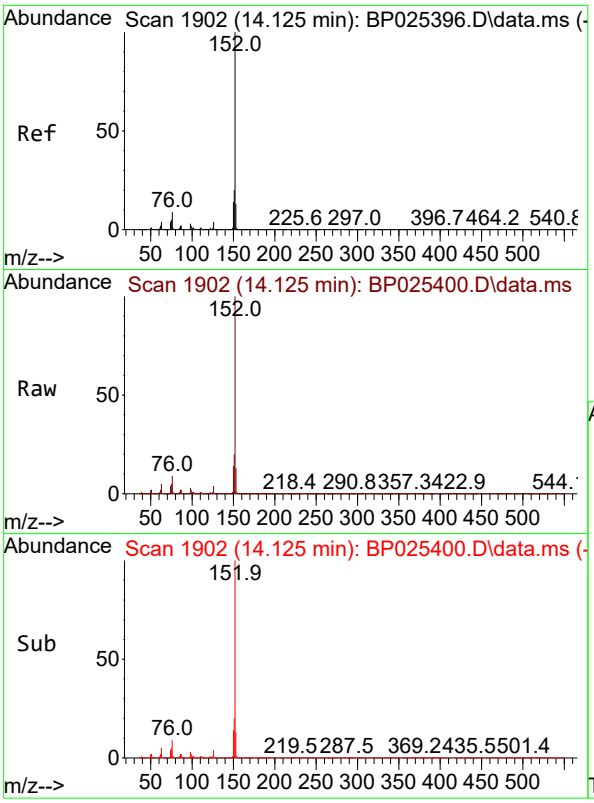


#48
2-Nitroaniline
Concen: 39.081 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 65 Resp: 323995

Ion	Ratio	Lower	Upper
65	100		
92	72.2	57.6	86.4
138	114.9	91.0	136.6

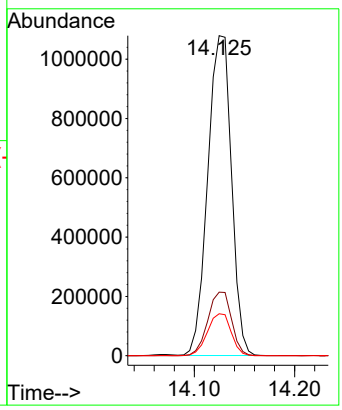




#49
Acenaphthylene
Concen: 37.720 ng
RT: 14.125 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:152 Resp: 177589

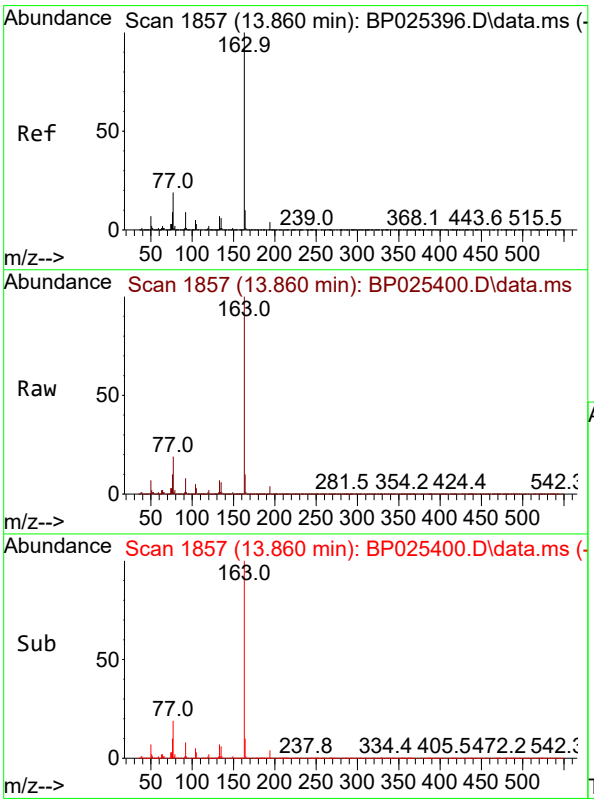
Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	13.1	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
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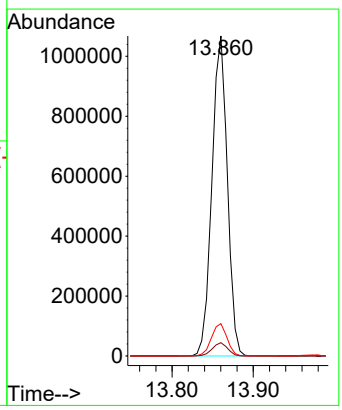
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

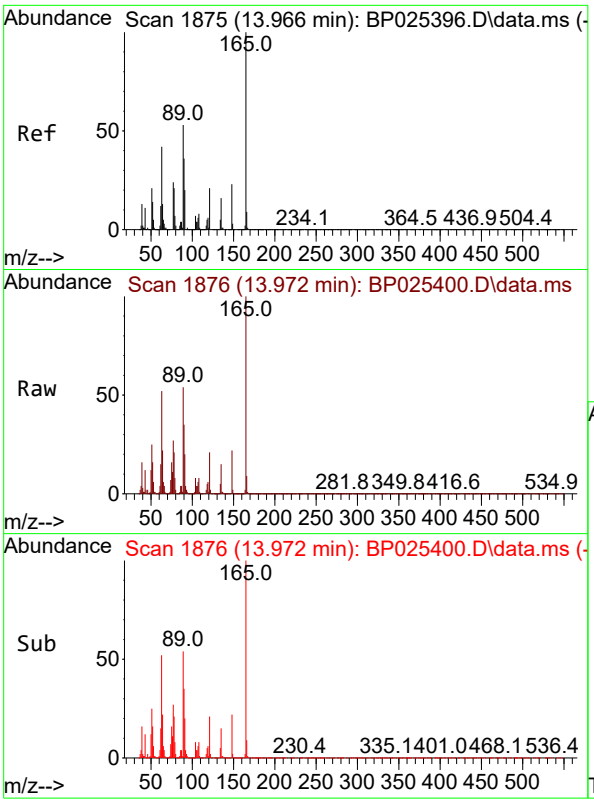


#50
Dimethylphthalate
Concen: 38.170 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:163 Resp: 1406620

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.1	7.9	11.9

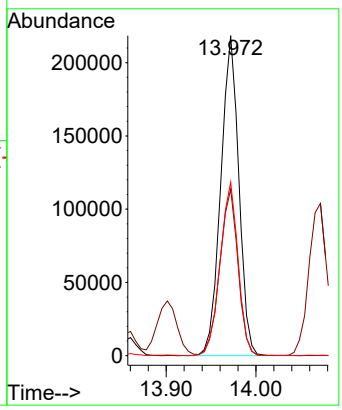




#51
2,6-Dinitrotoluene
Concen: 39.211 ng
RT: 13.972 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:165 Resp: 30456

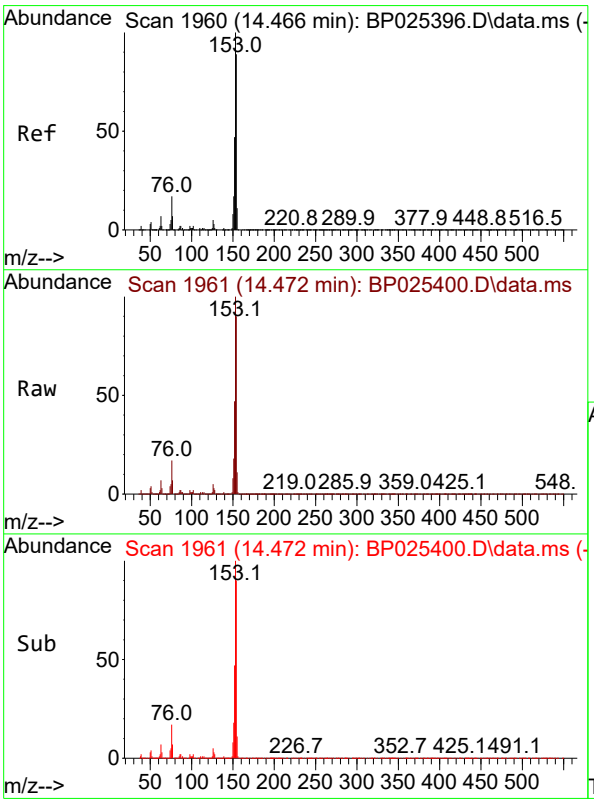
Ion	Ratio	Lower	Upper
165	100		
63	52.1	40.9	61.3
89	54.2	42.1	63.1



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
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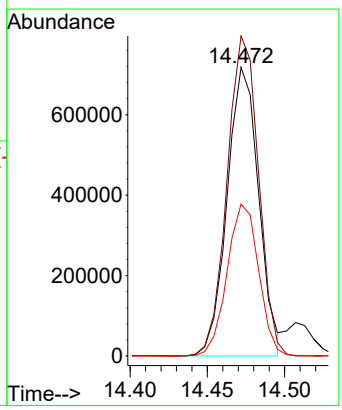
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

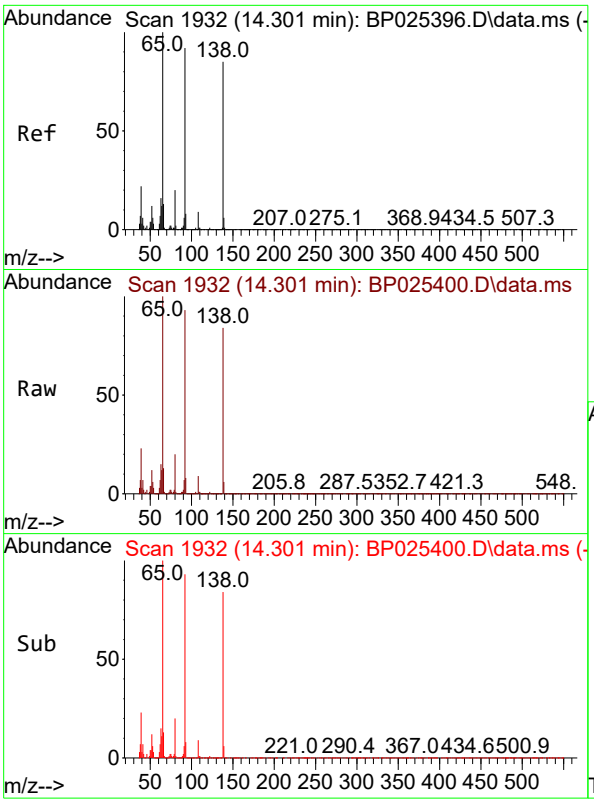


#52
Acenaphthene
Concen: 36.837 ng m
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

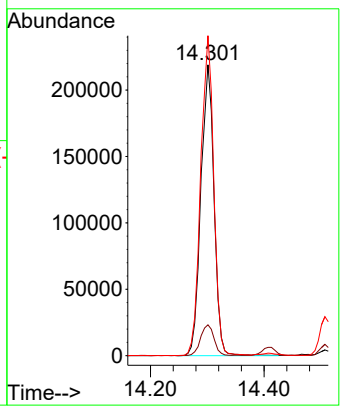




#53
3-Nitroaniline
Concen: 40.027 ng
RT: 14.301 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:138 Resp: 34979

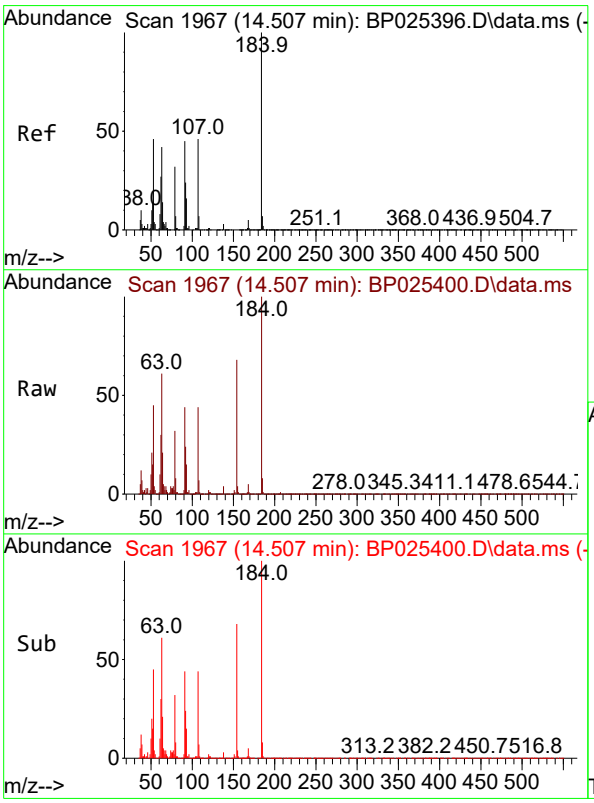
Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.3	12.5
92	110.0	86.2	129.2



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

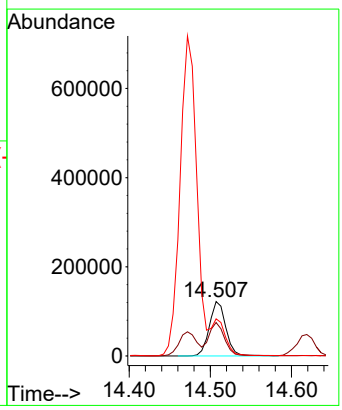
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

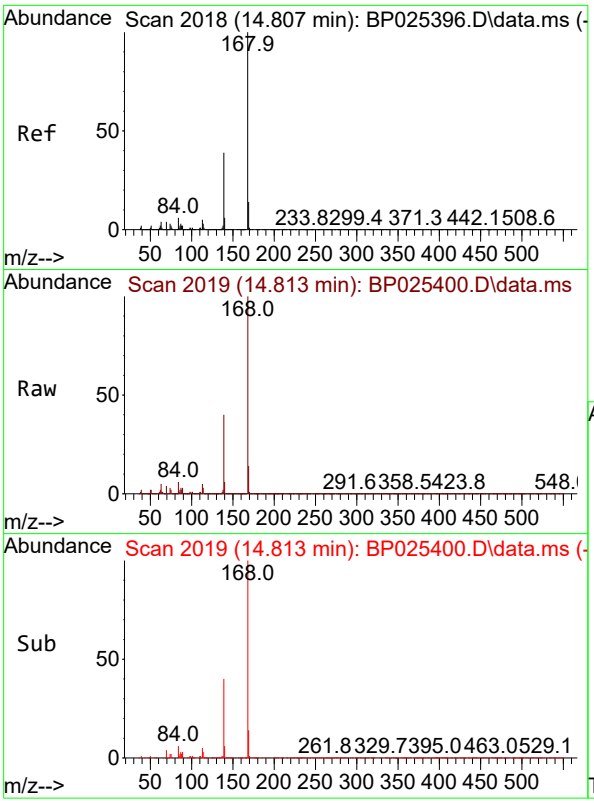


#54
2,4-Dinitrophenol
Concen: 41.646 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

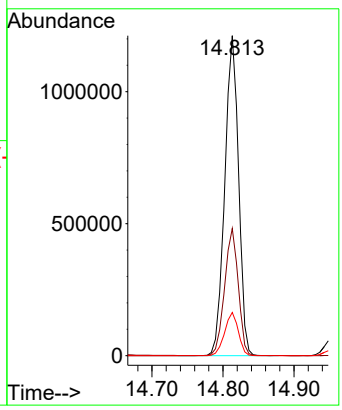




#55
Dibenzofuran
Concen: 37.324 ng
RT: 14.813 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:168 Resp: 163074

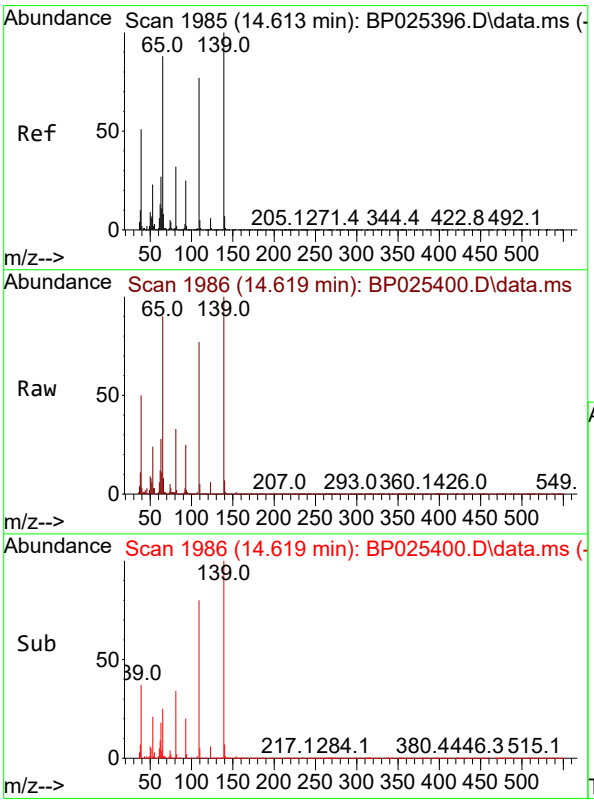
Ion	Ratio	Lower	Upper
168	100		
139	39.8	31.5	47.3
169	13.5	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
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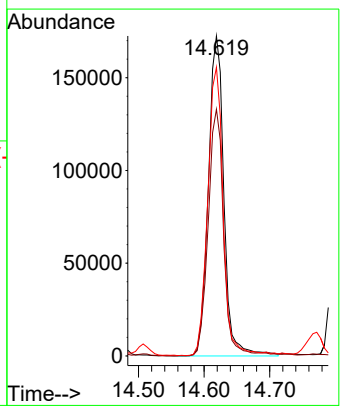
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

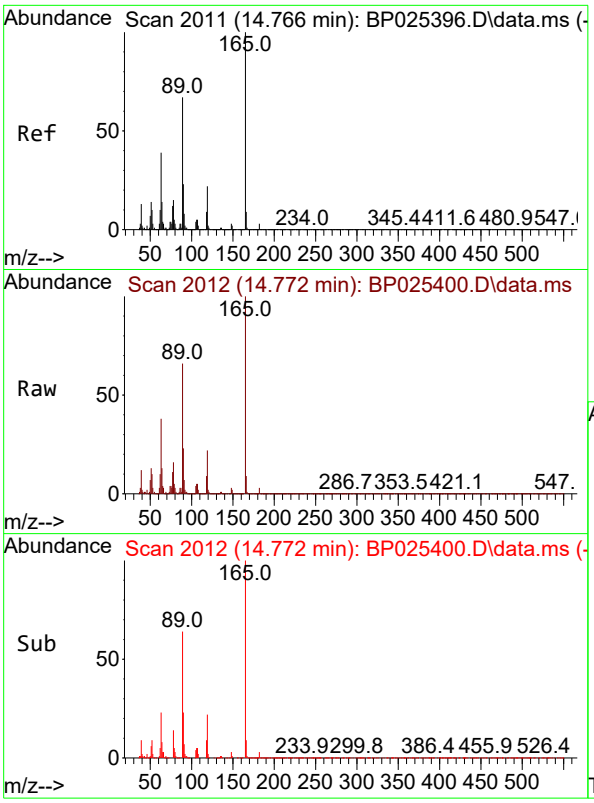


#56
4-Nitrophenol
Concen: 39.630 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:139 Resp: 284585

Ion	Ratio	Lower	Upper
139	100		
109	77.1	56.6	96.6
65	90.2	68.2	108.2

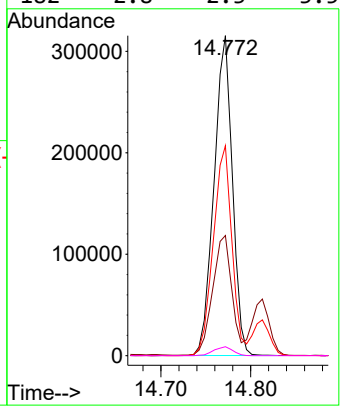




#57
2,4-Dinitrotoluene
Concen: 40.439 ng
RT: 14.772 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:165 Resp: 44814

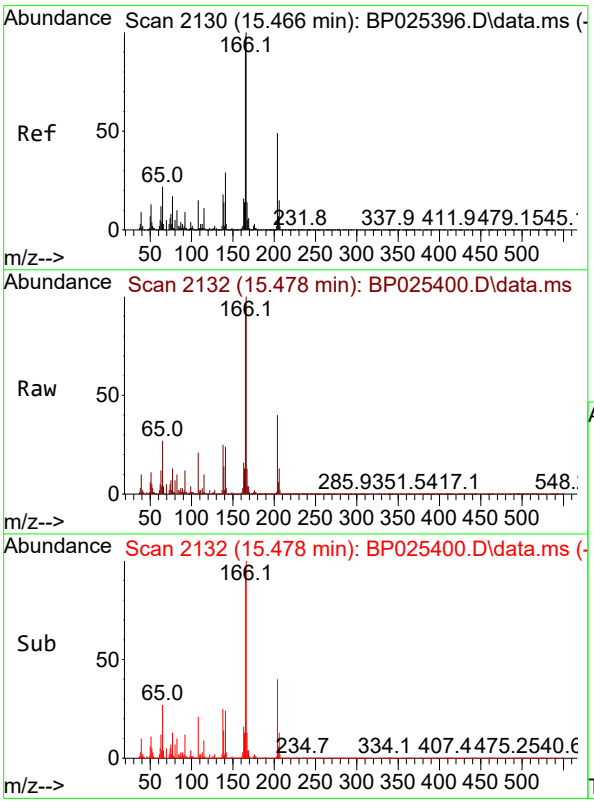
Ion	Ratio	Lower	Upper
165	100		
63	37.5	31.4	47.2
89	65.6	53.3	79.9
182	2.8	2.3	3.5



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

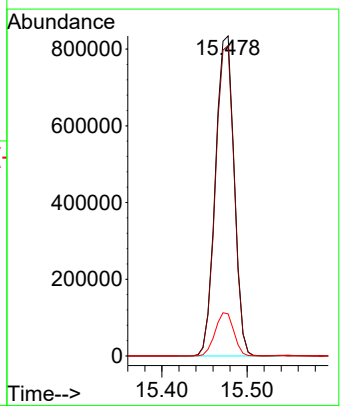
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

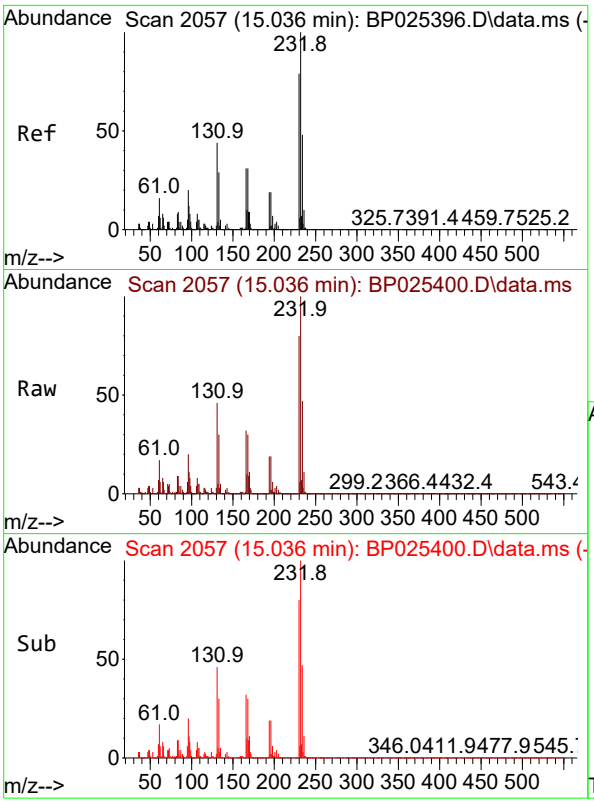


#58
Fluorene
Concen: 36.992 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:166 Resp: 1275341

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.8	118.2
167	13.2	11.0	16.4

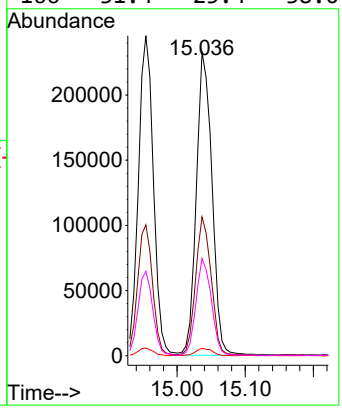




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.147 ng
RT: 15.036 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:232 Resp: 37171

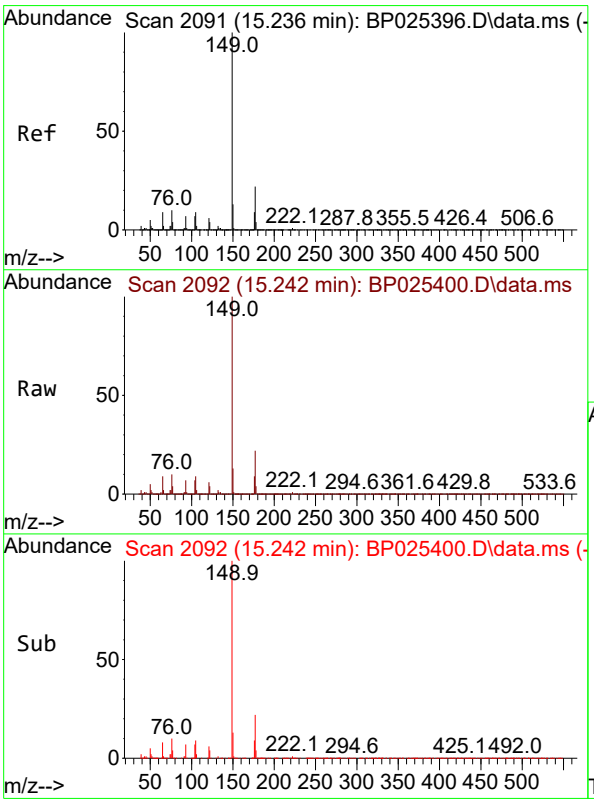
Ion	Ratio	Lower	Upper
232	100		
131	45.3	37.0	55.6
130	2.6	1.9	2.9
166	31.4	25.4	38.0



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

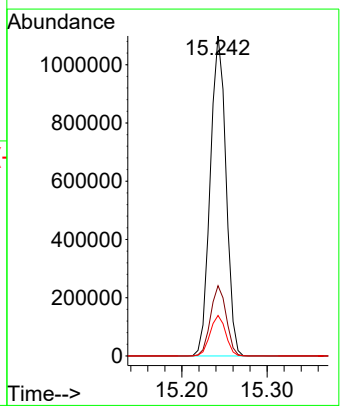
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

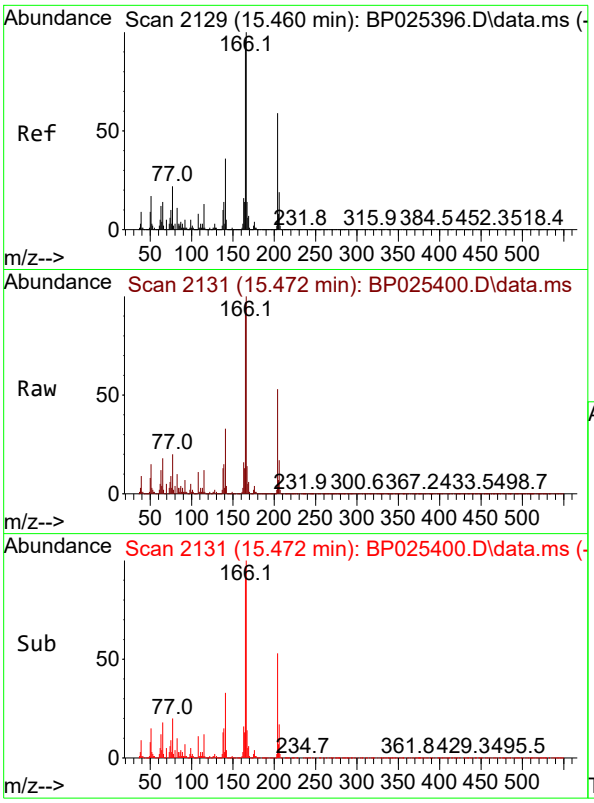


#60
Diethylphthalate
Concen: 37.810 ng
RT: 15.242 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:149 Resp: 1415787

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.3	25.9
150	12.7	10.3	15.5





#61
4-Chlorophenyl-phenylether
Concen: 36.596 ng
RT: 15.472 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

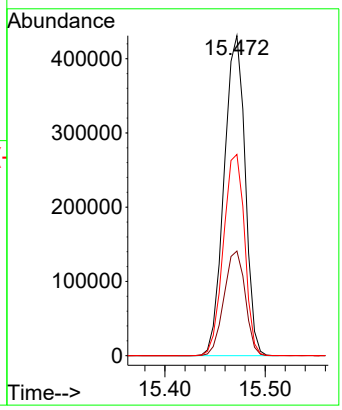
Tgt Ion:204 Resp: 62747

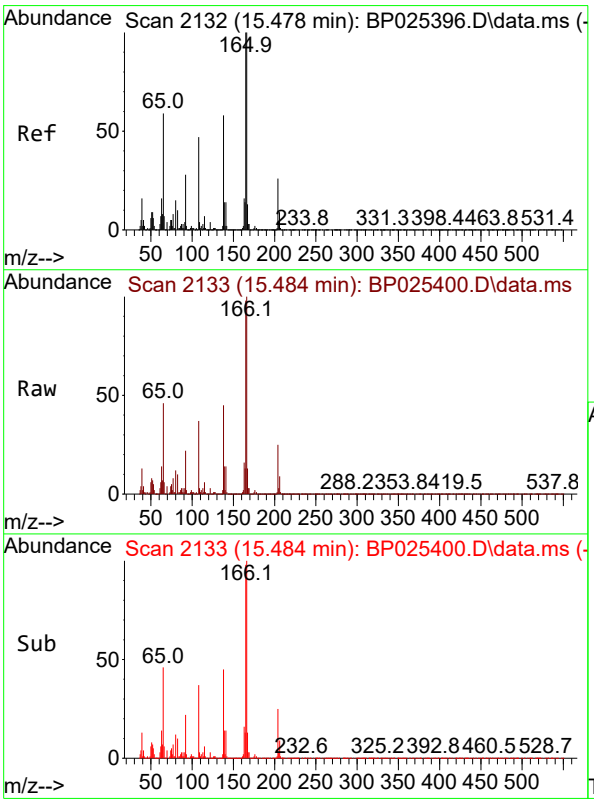
Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.8	38.8
141	62.9	49.4	74.2

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
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Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

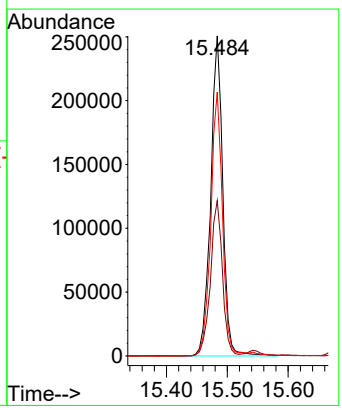


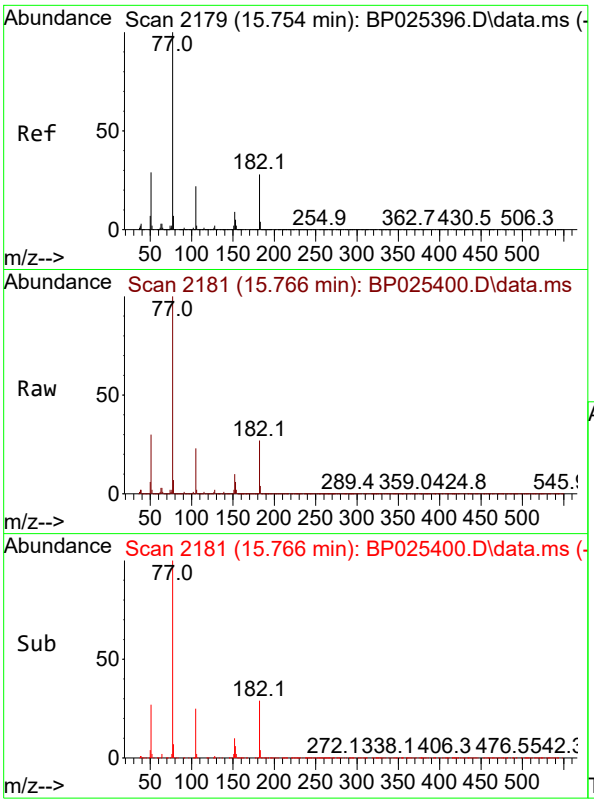


#62
4-Nitroaniline
Concen: 38.717 ng
RT: 15.484 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:138 Resp: 346865

Ion	Ratio	Lower	Upper
138	100		
92	48.5	29.1	69.1
108	82.4	61.5	101.5

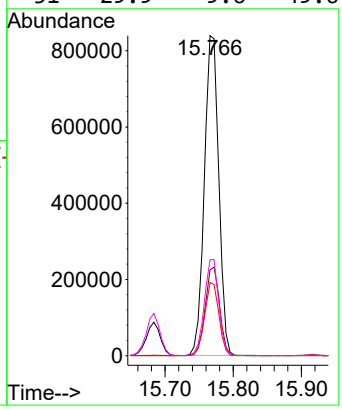




#63
Azobenzene
Concen: 38.526 ng
RT: 15.766 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 77 Resp: 123524

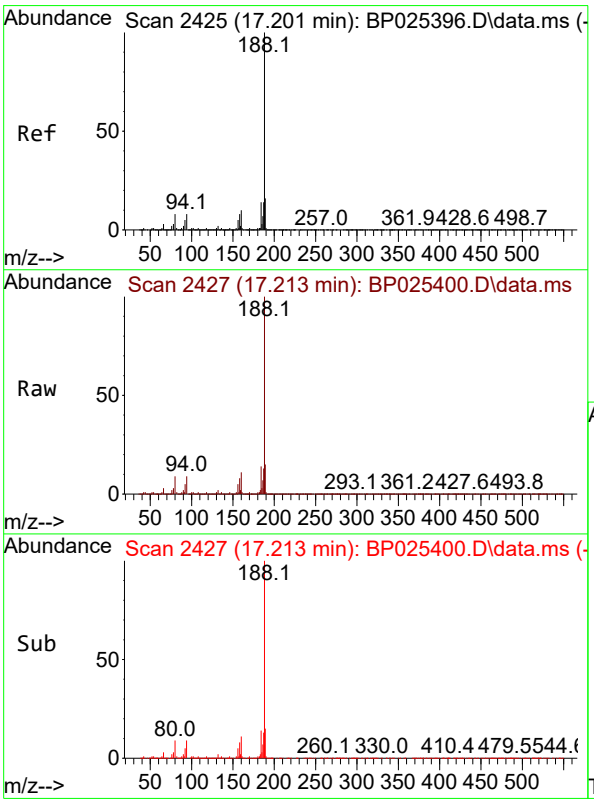
Ion	Ratio	Lower	Upper
77	100		
182	26.8	7.5	47.5
105	22.8	2.1	42.1
51	29.9	9.6	49.6



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
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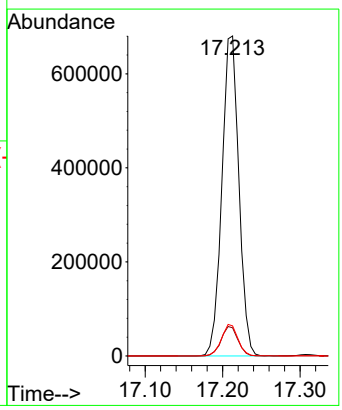
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

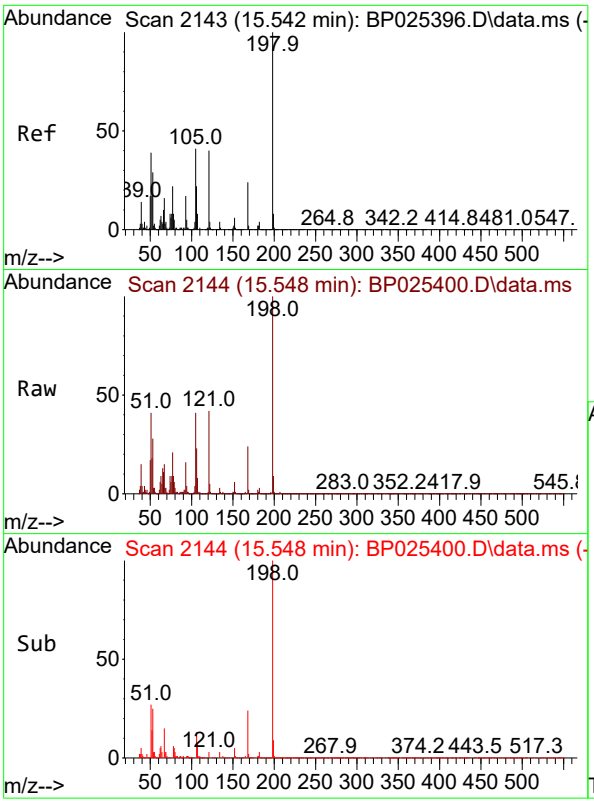


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:188 Resp: 1034378

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.6	10.0
80	9.4	6.7	10.1

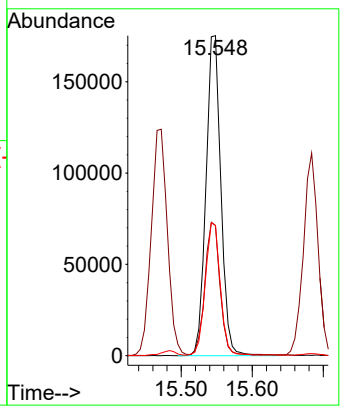




#65
4,6-Dinitro-2-methylphenol
Concen: 39.721 ng
RT: 15.548 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:198 Resp: 25611

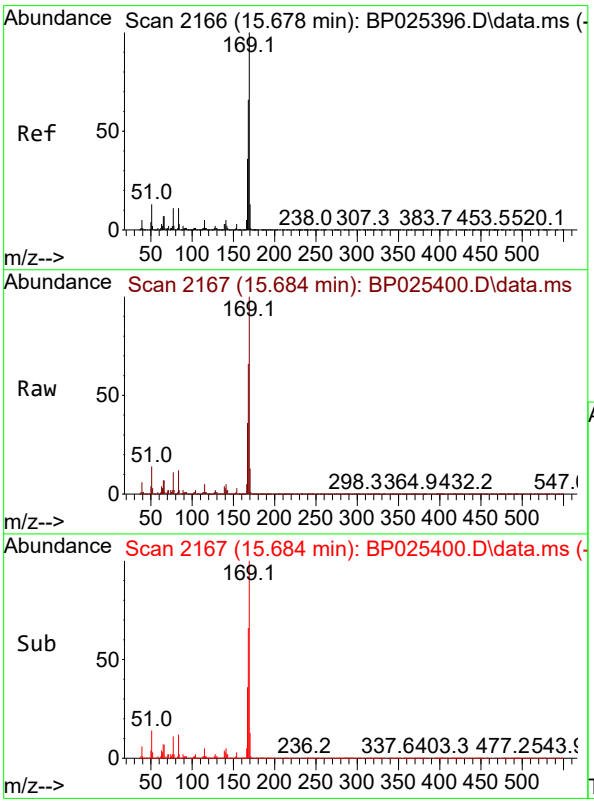
Ion	Ratio	Lower	Upper
198	100		
51	40.6	19.6	59.6
105	40.7	20.9	60.9



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
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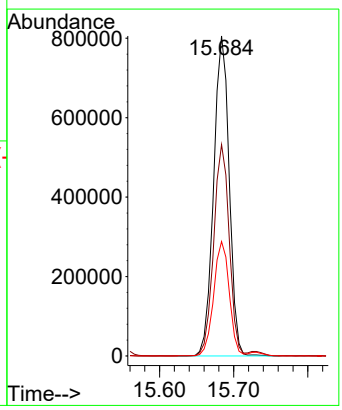
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

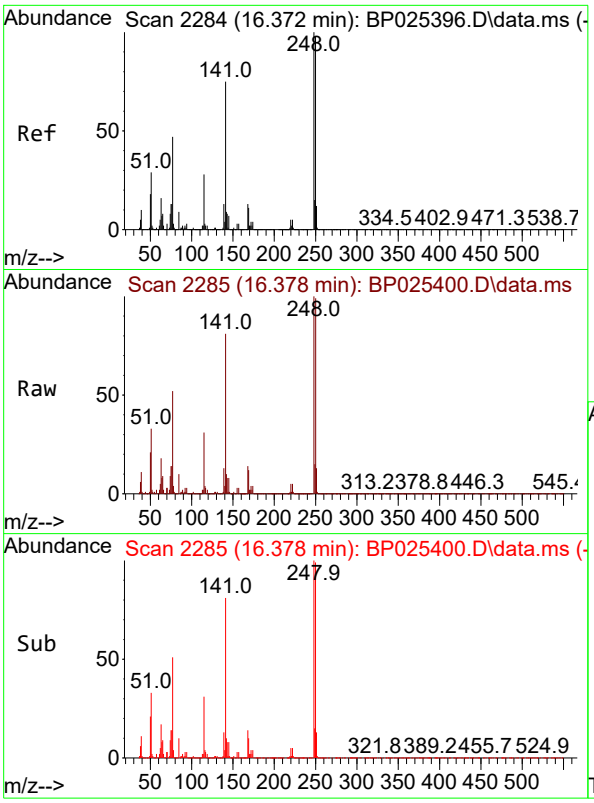


#66
n-Nitrosodiphenylamine
Concen: 37.227 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:169 Resp: 1174244

Ion	Ratio	Lower	Upper
169	100		
168	66.0	53.2	79.8
167	35.7	28.7	43.1





#67
4-Bromophenyl-phenylether
Concen: 37.101 ng
RT: 16.378 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

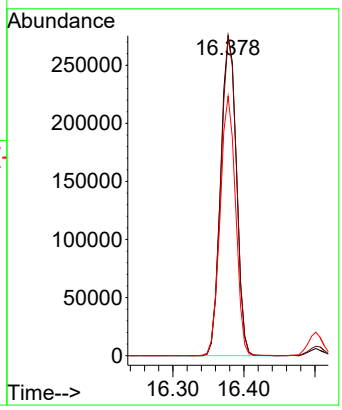
Instrument :
BNA_P
ClientSampleId :
ICVBP081425

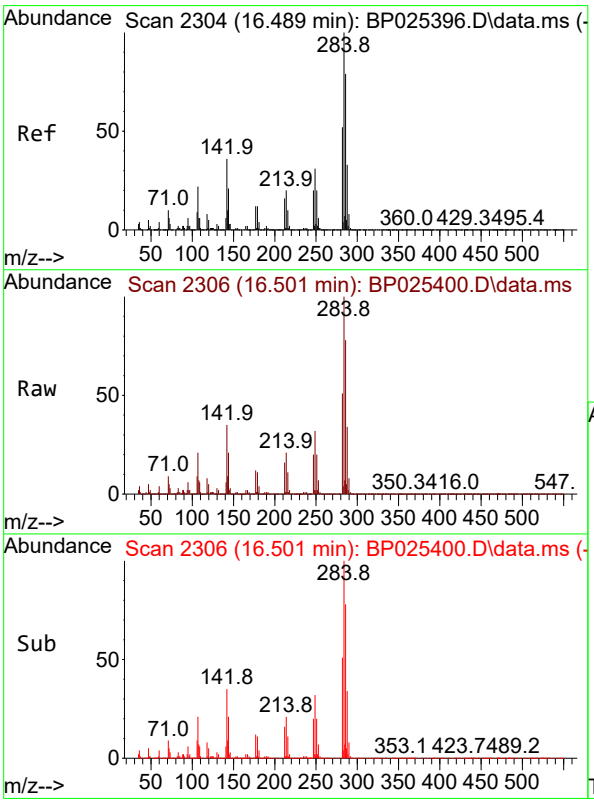
Tgt Ion:248 Resp: 42207

Ion	Ratio	Lower	Upper
248	100		
250	99.4	78.2	117.2
141	81.1	59.6	89.4

Manual Integrations
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Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

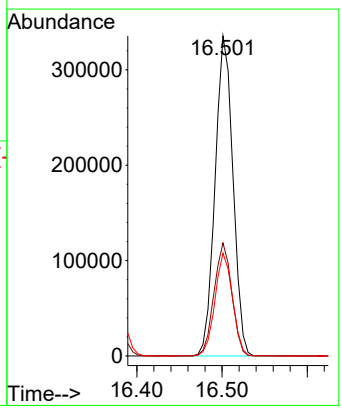


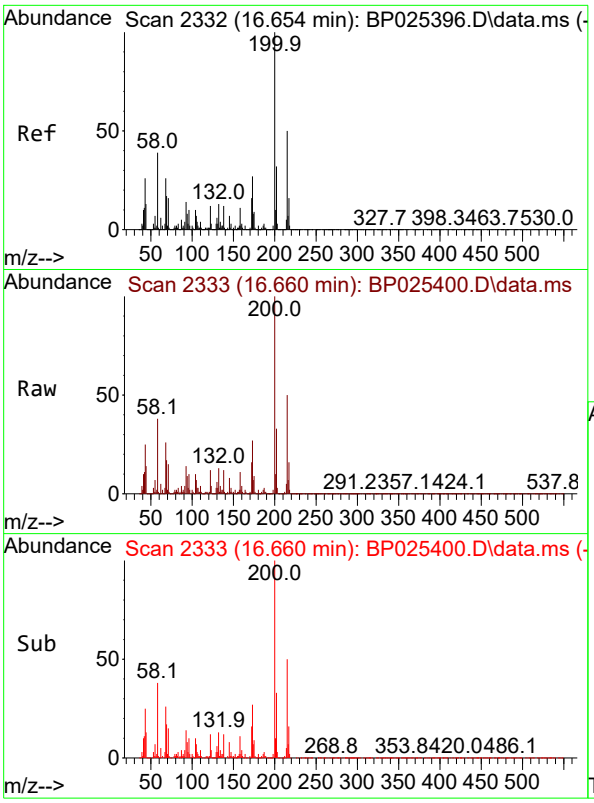


#68
Hexachlorobenzene
Concen: 37.062 ng
RT: 16.501 min Scan# 2306
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:284 Resp: 488749

Ion	Ratio	Lower	Upper
284	100		
142	35.3	29.1	43.7
249	32.1	25.0	37.4

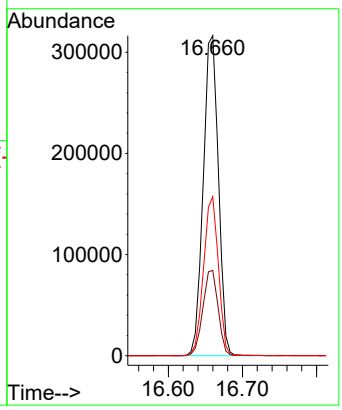




#69
Atrazine
Concen: 38.057 ng
RT: 16.660 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:200 Resp: 44955

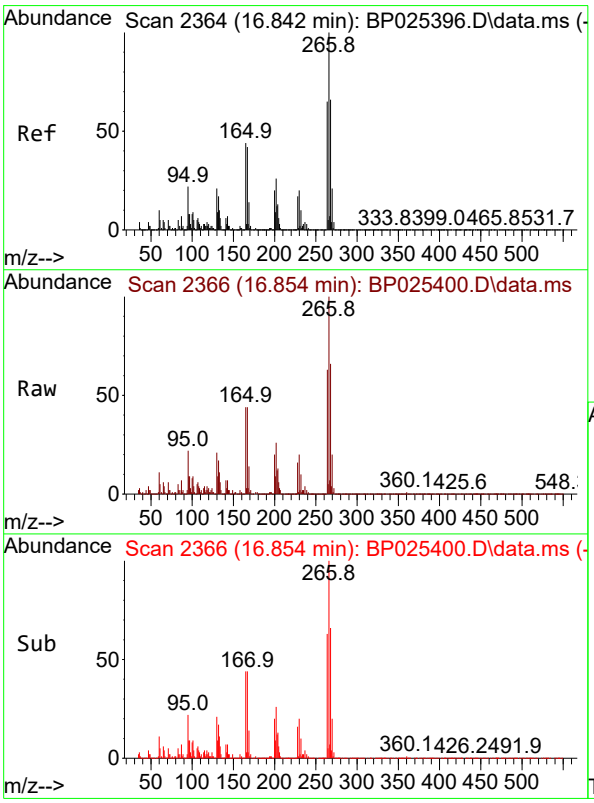
Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.7	46.7
215	49.7	29.7	69.7



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

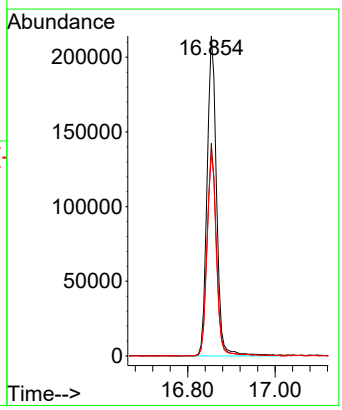
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

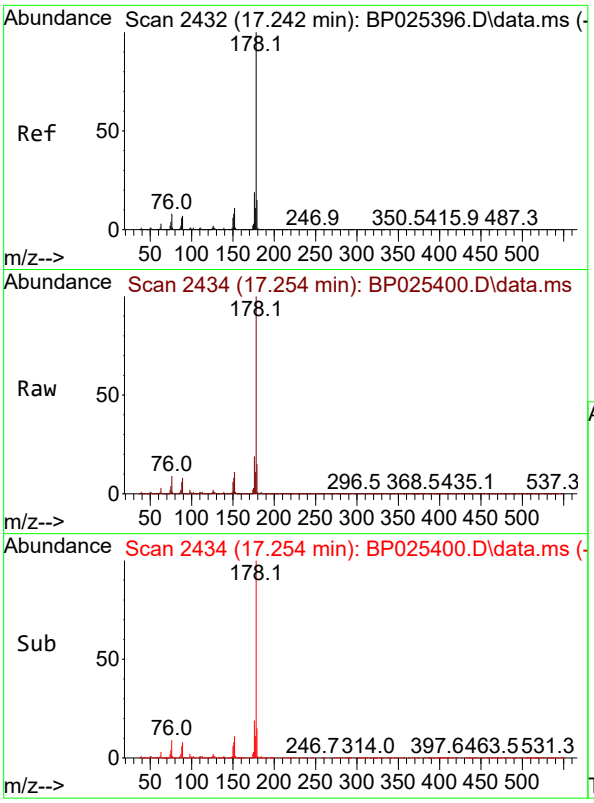


#70
Pentachlorophenol
Concen: 38.733 ng
RT: 16.854 min Scan# 2366
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:266 Resp: 322435

Ion	Ratio	Lower	Upper
266	100		
268	66.4	52.6	79.0
264	63.2	52.0	78.0

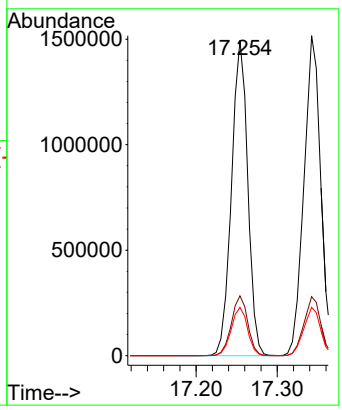




#71
Phenanthrene
Concen: 36.445 ng
RT: 17.254 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:178 Resp: 207087

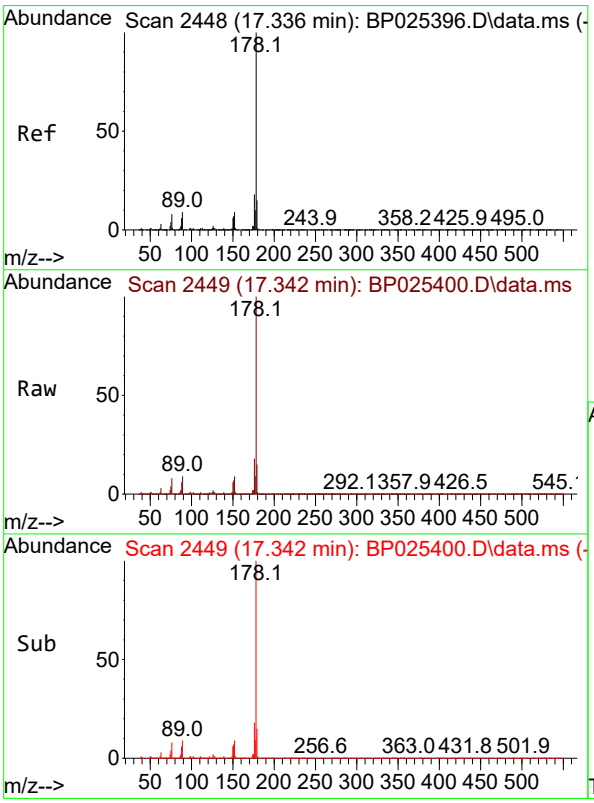
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.3	12.2	18.4



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

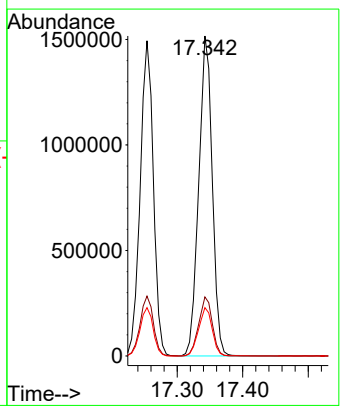
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

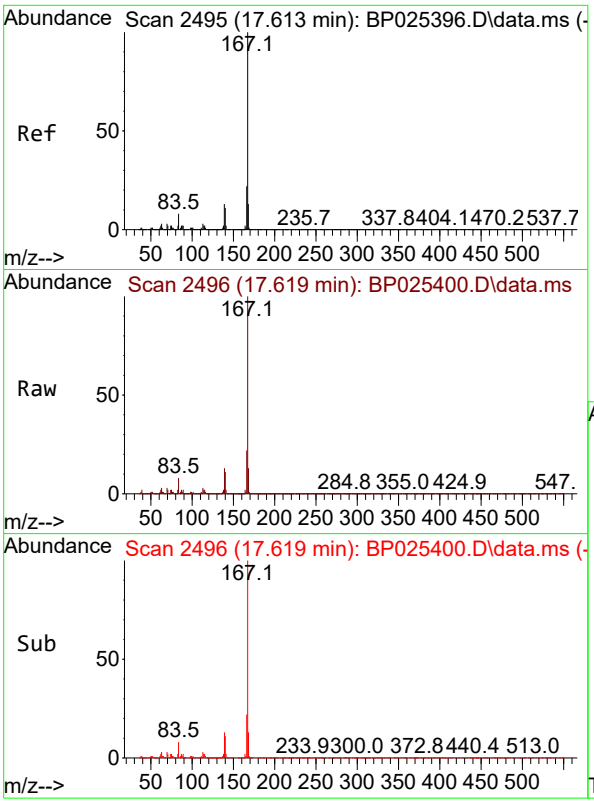


#72
Anthracene
Concen: 37.563 ng
RT: 17.342 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

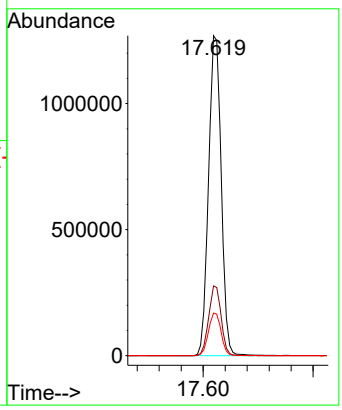




#73
Carbazole
Concen: 37.116 ng
RT: 17.619 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:167 Resp: 202859

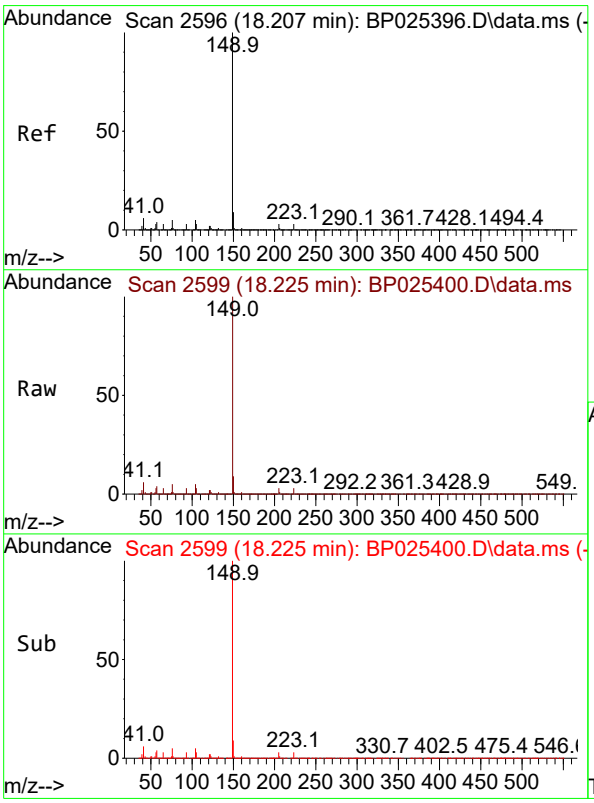
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.5	26.3
139	13.3	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

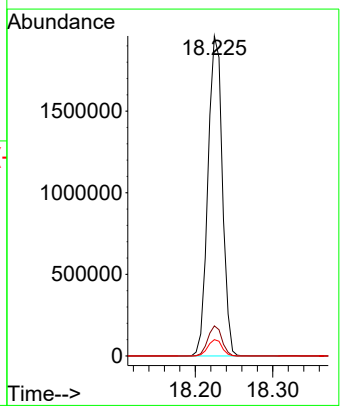
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

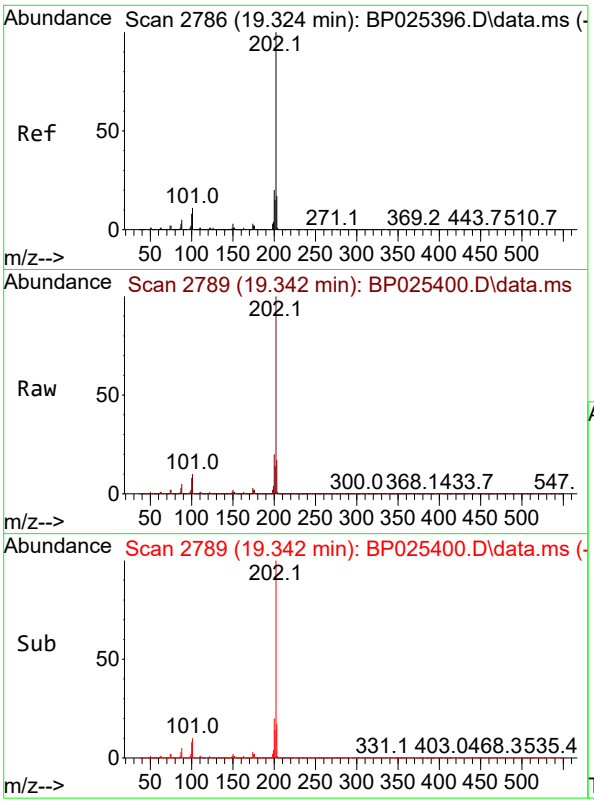


#74
Di-n-butylphthalate
Concen: 37.602 ng
RT: 18.225 min Scan# 2599
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

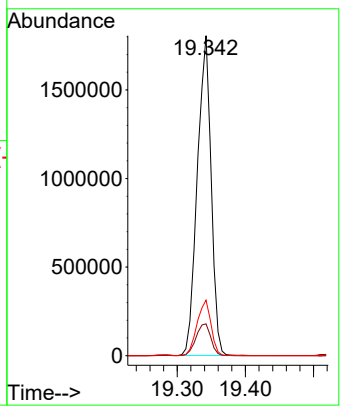




#75
Fluoranthene
Concen: 37.481 ng
RT: 19.342 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:202 Resp: 254041

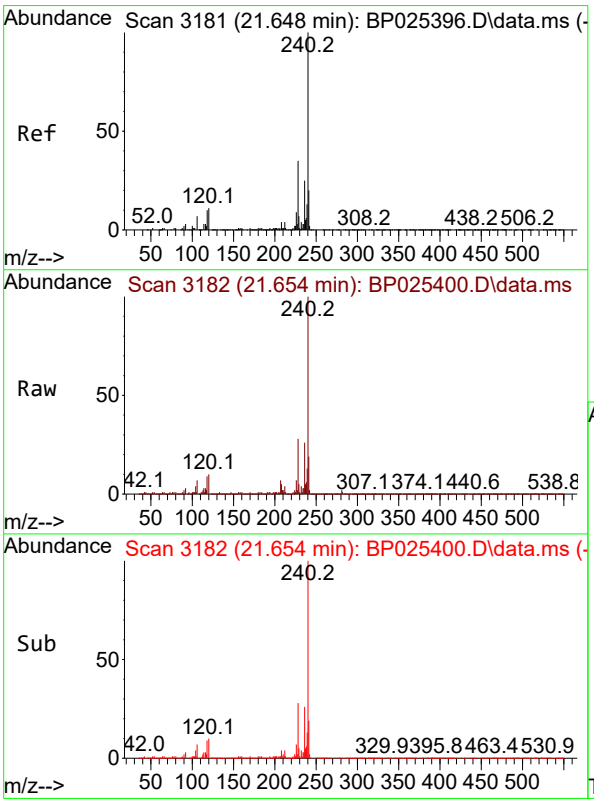
Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	31.1
203	17.4	0.0	37.3



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

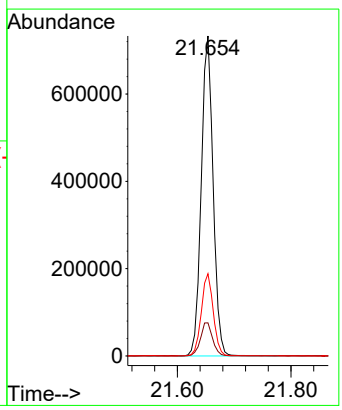
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

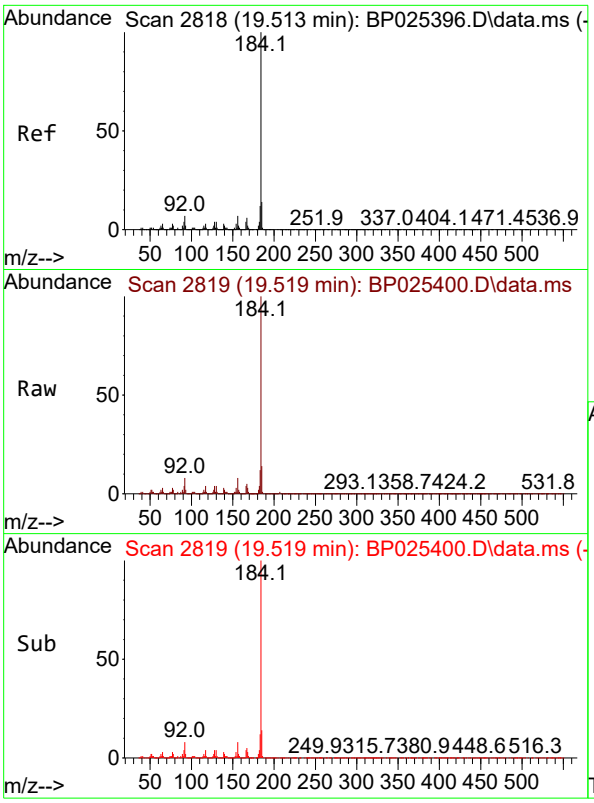


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3182
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

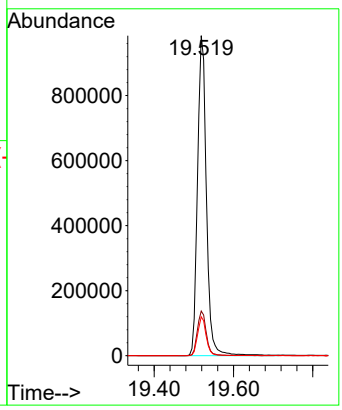




#77
Benzidine
Concen: 42.271 ng
RT: 19.519 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:184 Resp: 152965

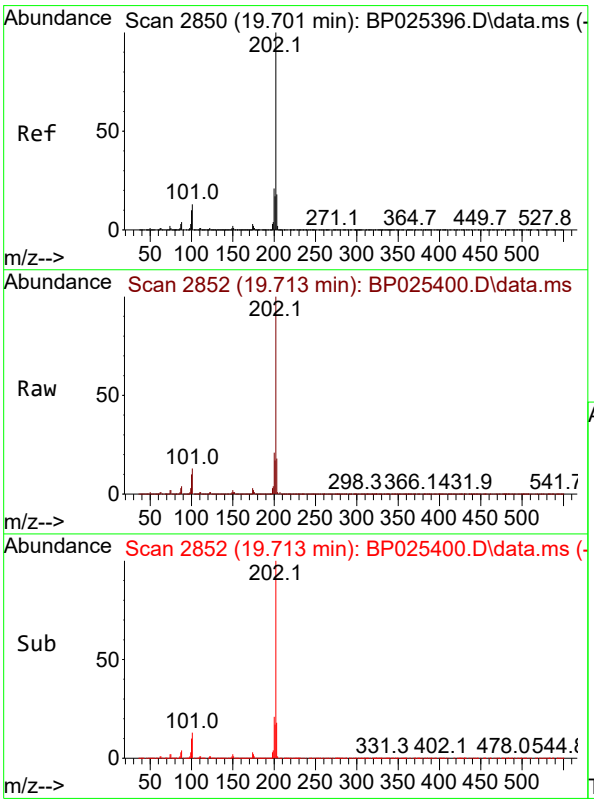
Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.5	17.3
183	12.1	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

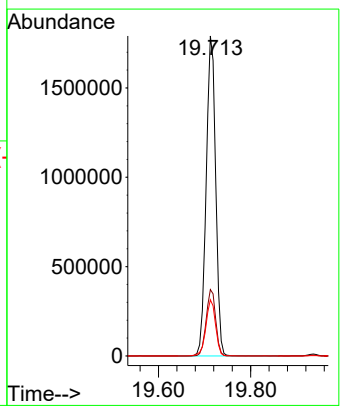
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

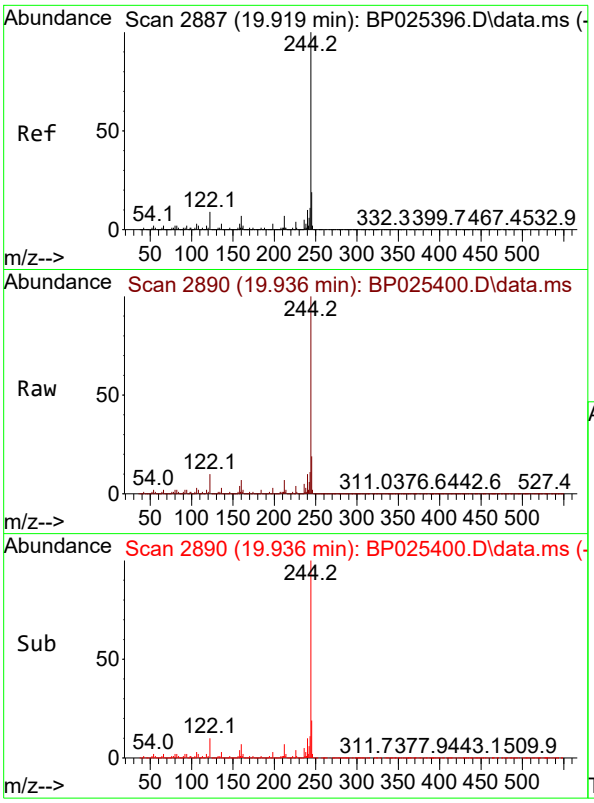


#78
Pyrene
Concen: 37.404 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:202 Resp: 2577810

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	17.5	14.2	21.2

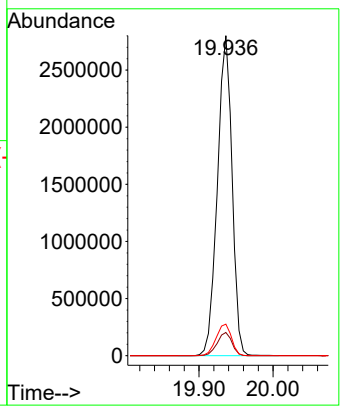




#79
Terphenyl-d14
Concen: 66.399 ng
RT: 19.936 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:244 Resp: 384816

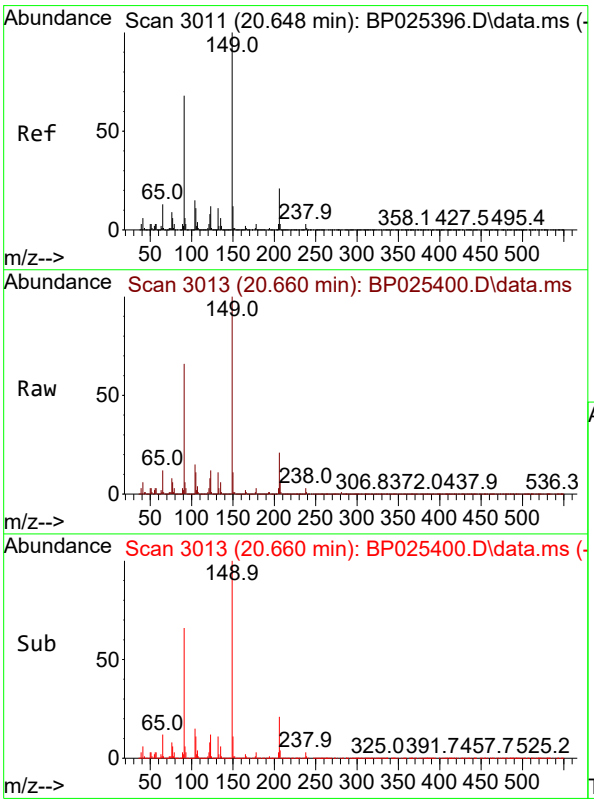
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	9.9	7.4	11.2



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

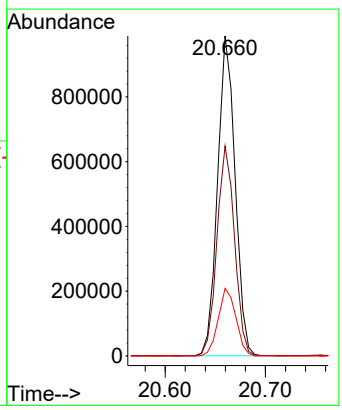
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

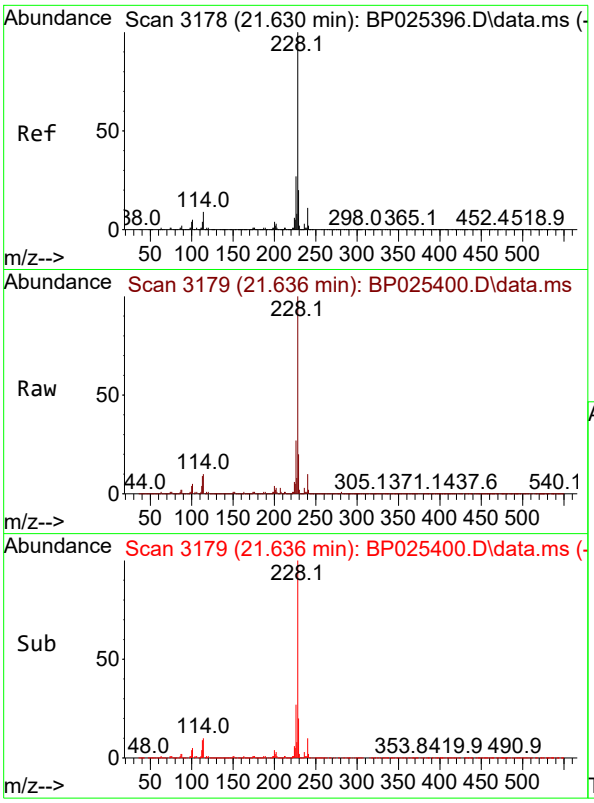


#80
Butylbenzylphthalate
Concen: 38.401 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

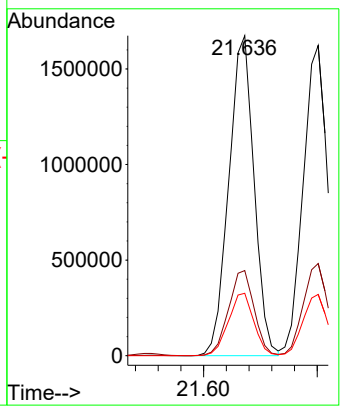




#81
Benzo(a)anthracene
Concen: 36.950 ng
RT: 21.636 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:228 Resp: 258386

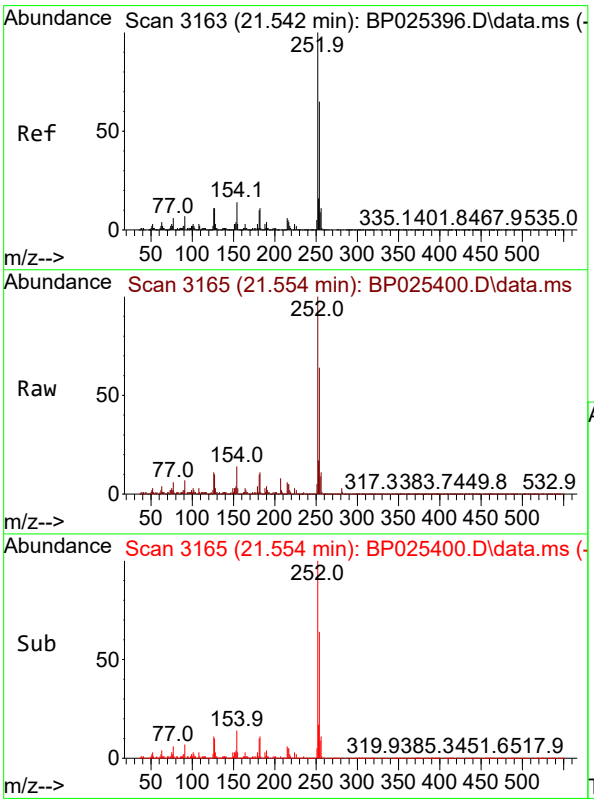
Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.7	32.5
229	19.5	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

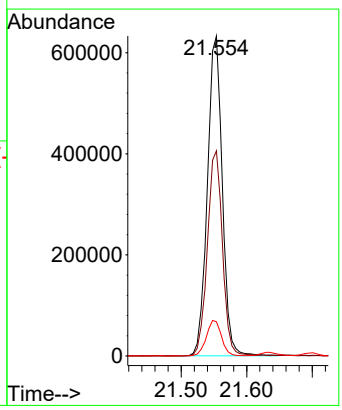
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

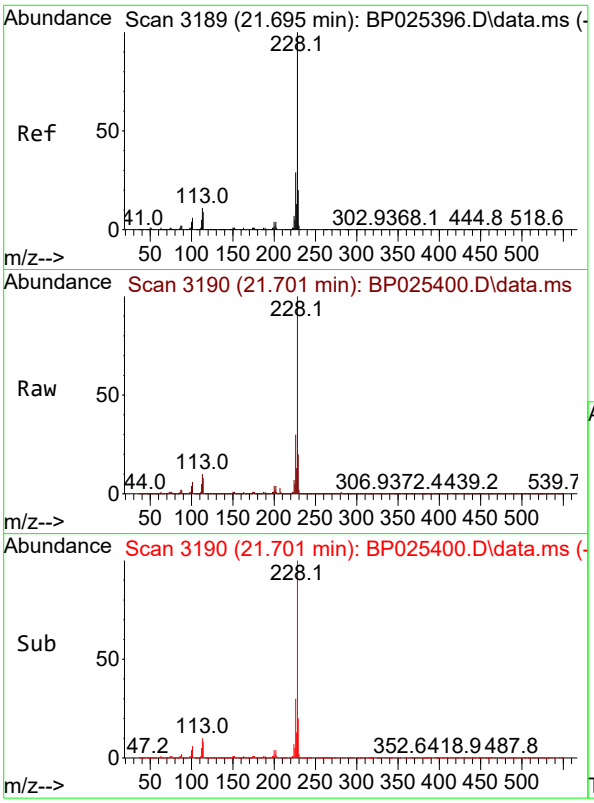


#82
3,3'-Dichlorobenzidine
Concen: 38.038 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

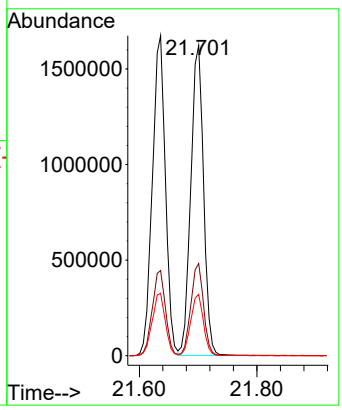
Tgt Ion:228 Resp: 244619

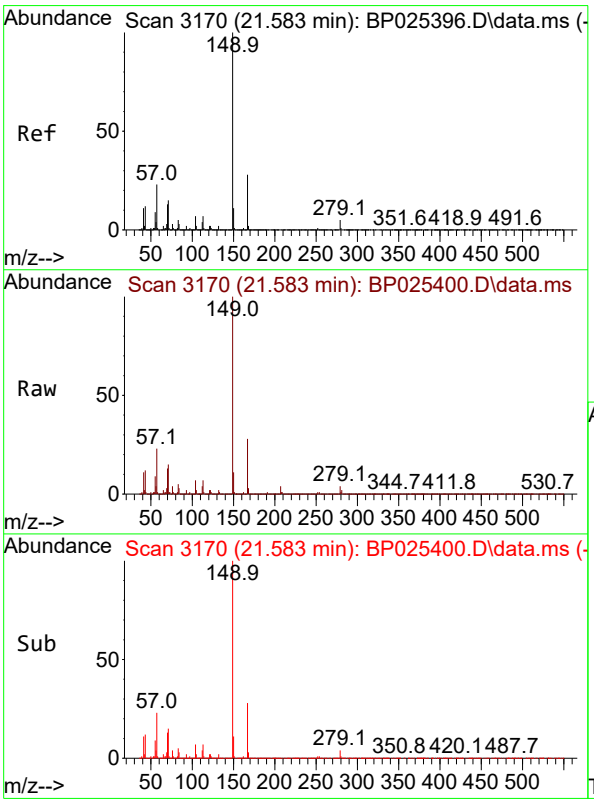
Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.2	34.8
229	19.7	15.6	23.4

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

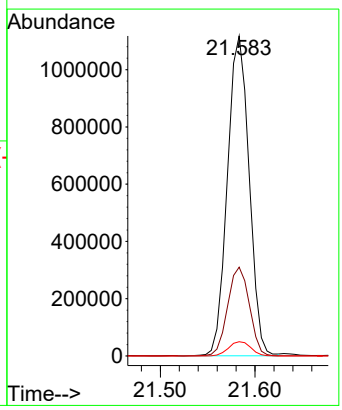


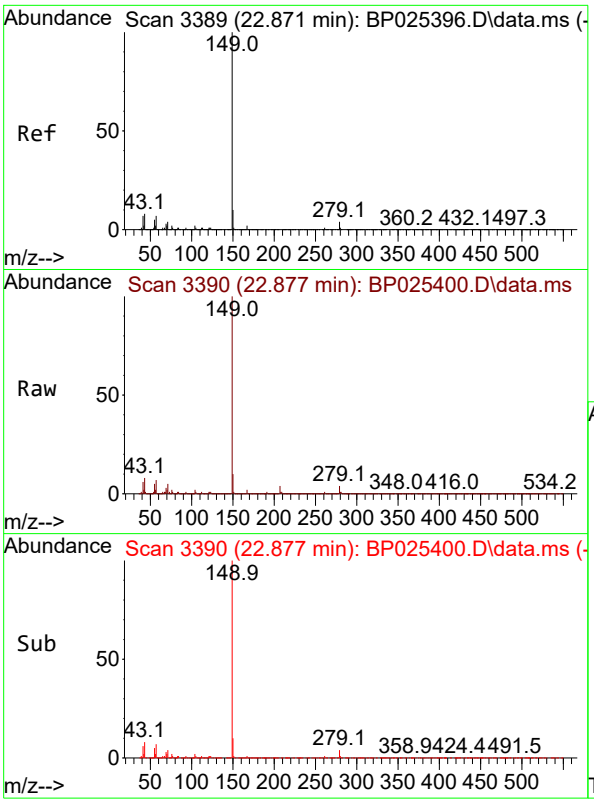


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.729 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

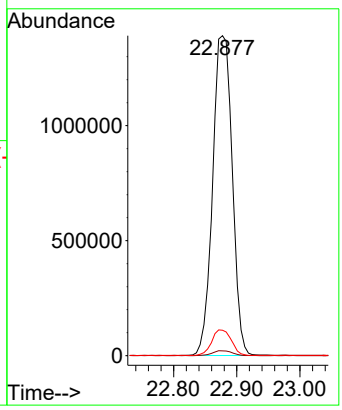
Tgt Ion:149 Resp: 299852

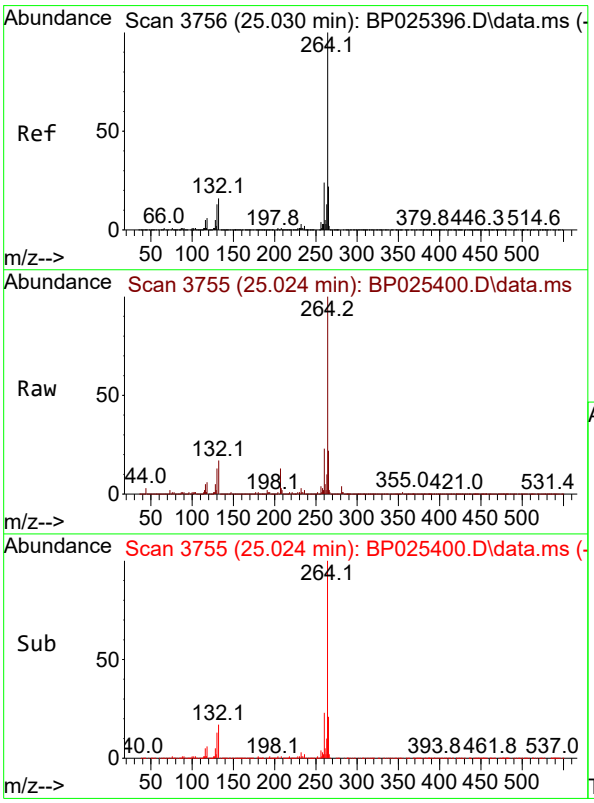
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.0	6.3	9.5

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

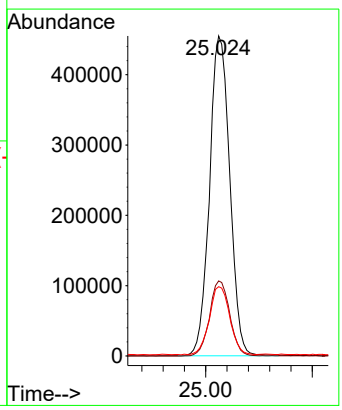


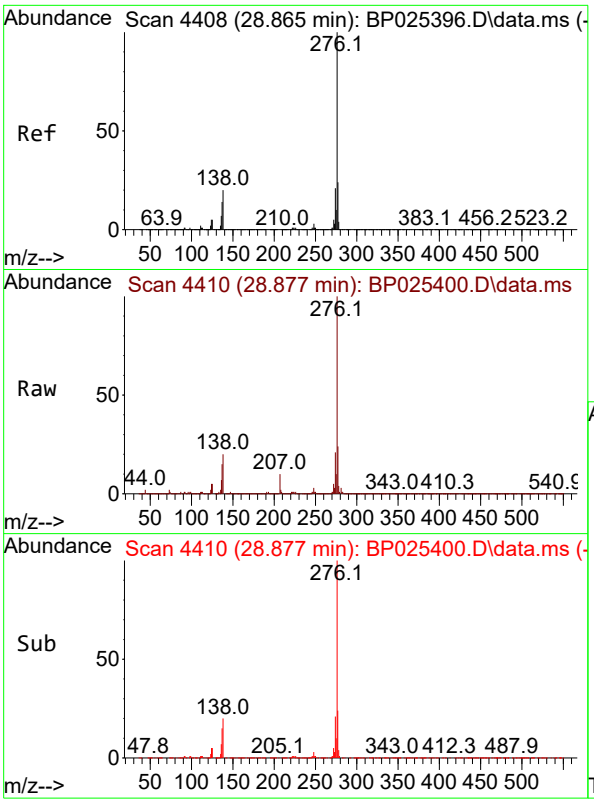


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.024 min Scan# 3755
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

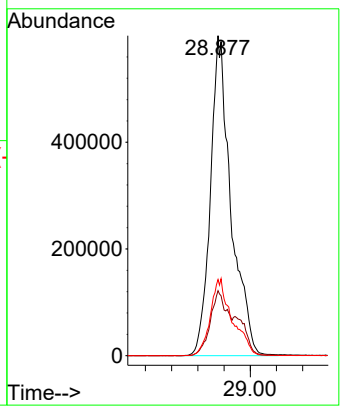




#87
Indeno(1,2,3-cd)pyrene
Concen: 37.119 ng
RT: 28.877 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:276 Resp: 326796

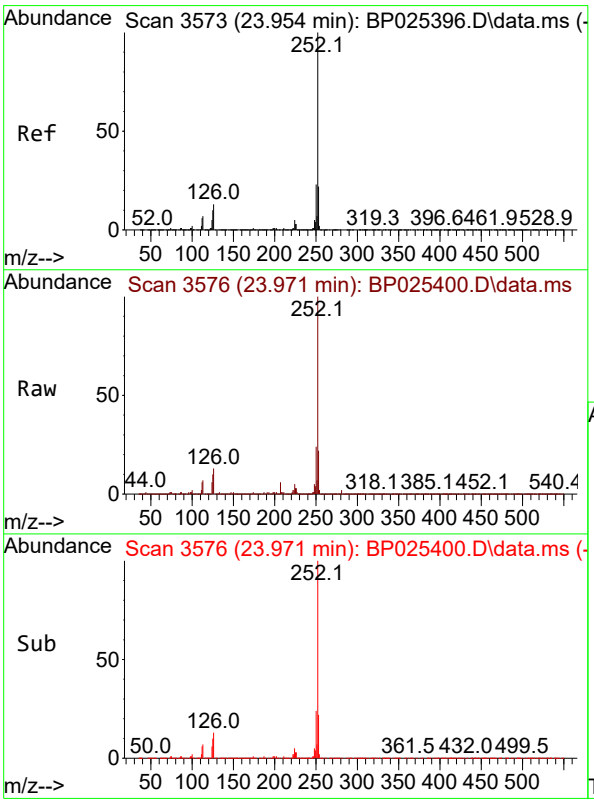
Ion	Ratio	Lower	Upper
276	100		
138	17.0	12.9	19.3
277	25.5	17.0	25.6



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

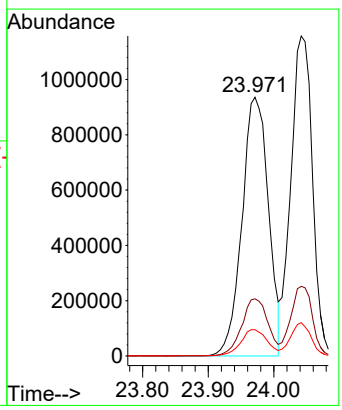
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

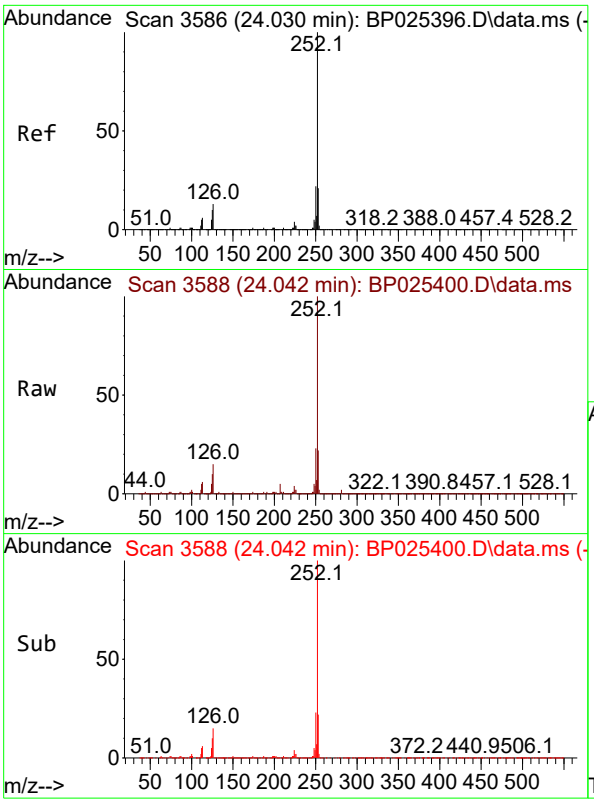


#88
Benzo(b)fluoranthene
Concen: 36.964 ng
RT: 23.971 min Scan# 3576
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

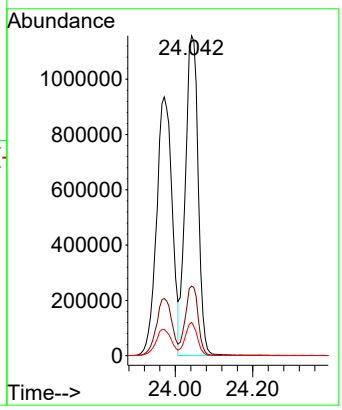




#89
Benzo(k)fluoranthene
Concen: 37.464 ng
RT: 24.042 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:252 Resp: 265390

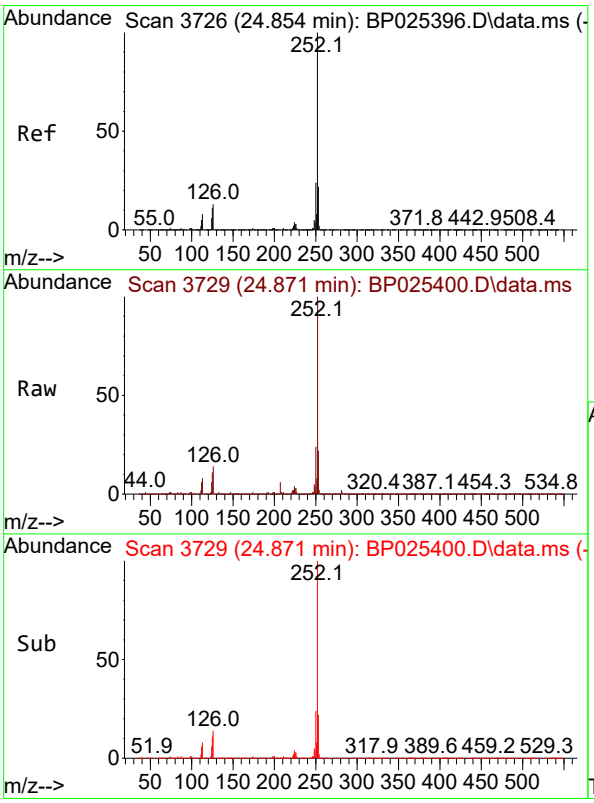
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	10.4	7.8	11.6



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

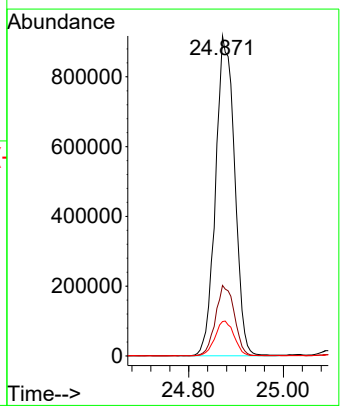
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

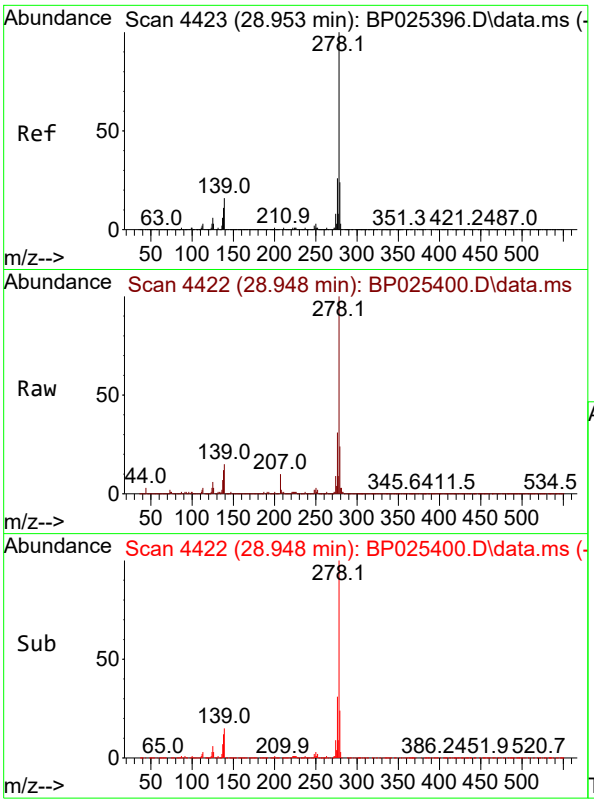


#90
Benzo(a)pyrene
Concen: 37.160 ng
RT: 24.871 min Scan# 3729
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

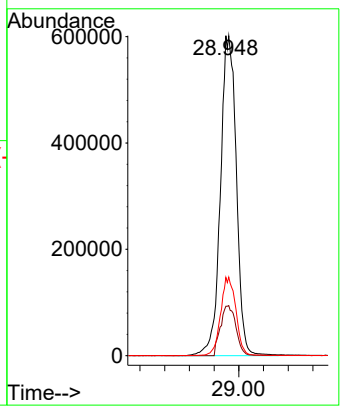




#91
Dibenzo(a,h)anthracene
Concen: 37.490 ng
RT: 28.948 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:278 Resp: 269733

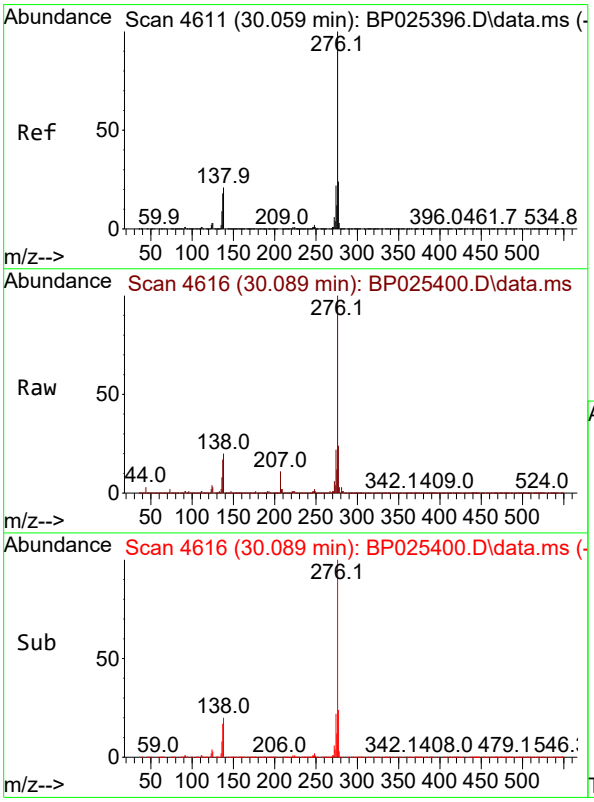
Ion	Ratio	Lower	Upper
278	100		
139	15.4	13.0	19.4
279	24.4	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

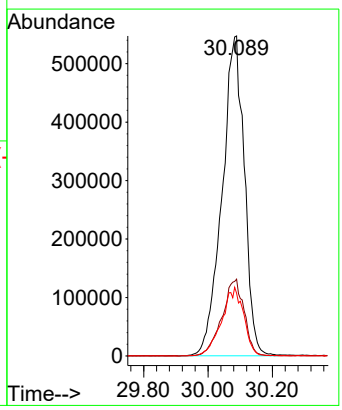
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 37.216 ng
RT: 30.089 min Scan# 4616
Delta R.T. 0.029 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:276 Resp: 2632085

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.0
138	19.6	16.7	25.1



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
2		1,4-Dioxane	0.472	0.399	15.5	99	0.00
3		Pyridine	1.291	1.159	10.2	105	0.00
4		n-Nitrosodimethylamine	0.532	0.507	4.7	109	0.00
5	S	2-Fluorophenol	1.204	1.045	13.2	99	0.00
6		Aniline	2.080	1.984	4.6	108	0.00
7	S	Phenol-d6	1.544	1.383	10.4	101	0.00
8		2-Chlorophenol	1.359	1.308	3.8	110	0.00
9		Benzaldehyde	1.082	0.923	14.7	75	0.00
10	C	Phenol	1.620	1.555	4.0	109	0.00
11		bis(2-Chloroethyl)ether	1.263	1.211	4.1	109	0.00
12		1,3-Dichlorobenzene	1.499	1.414	5.7	108	0.00
13	C	1,4-Dichlorobenzene	1.532	1.451	5.3	109	0.00
14		1,2-Dichlorobenzene	1.483	1.402	5.5	108	0.00
15		Benzyl Alcohol	1.227	1.197	2.4	111	0.00
16		2,2'-oxybis(1-Chloropropane	1.692	1.619	4.3	110	0.00
17		2-Methylphenol	1.125	1.094	2.8	109	0.00
18		Hexachloroethane	0.563	0.536	4.8	109	0.00
19	P	n-Nitroso-di-n-propylamine	1.023	0.979	4.3	109	0.00
20		3+4-Methylphenols	1.560	1.506	3.5	109	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	113	0.00
22		Acetophenone	0.502	0.479	4.6	112	0.00
23	S	Nitrobenzene-d5	0.395	0.328	17.0	97	0.00
24		Nitrobenzene	0.353	0.330	6.5	108	0.00
25		Isophorone	0.700	0.662	5.4	111	0.00
26	C	2-Nitrophenol	0.181	0.176	2.8	110	0.00
27		2,4-Dimethylphenol	0.312	0.303	2.9	111	0.00
28		bis(2-Chloroethoxy)methane	0.423	0.400	5.4	111	0.00
29	C	2,4-Dichlorophenol	0.310	0.299	3.5	111	0.00
30		1,2,4-Trichlorobenzene	0.340	0.316	7.1	109	0.00
31		Naphthalene	1.040	0.973	6.4	110	0.00
32		Benzoic acid	0.230	0.220	4.3	110	0.01
33		4-Chloroaniline	0.459	0.437	4.8	109	0.00
34	C	Hexachlorobutadiene	0.211	0.196	7.1	108	0.00
35		Caprolactam	0.114	0.109	4.4	112	0.00
36	C	4-Chloro-3-methylphenol	0.355	0.345	2.8	113	0.00
37		2-Methylnaphthalene	0.676	0.640	5.3	111	0.00
38		1-Methylnaphthalene	0.719	0.675	6.1	111	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	114	0.00
40		1,2,4,5-Tetrachlorobenzene	0.578	0.547	5.4	111	0.00
41	P	Hexachlorocyclopentadiene	0.349	0.350	-0.3	115	0.00
42	S	2,4,6-Tribromophenol	0.269	0.241	10.4	105	0.00
43	C	2,4,6-Trichlorophenol	0.390	0.380	2.6	113	0.00
44		2,4,5-Trichlorophenol	0.427	0.418	2.1	112	0.00
45	S	2-Fluorobiphenyl	1.463	1.208	17.4	99	0.00
46		1,1'-Biphenyl	1.453	1.368	5.8	111	0.00
47		2-Chloronaphthalene	1.131	1.065	5.8	110	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.329	0.322	2.1	111	0.00
49		Acenaphthylene	1.871	1.764	5.7	111	0.00
50		Dimethylphthalate	1.465	1.398	4.6	114	0.00
51		2,6-Dinitrotoluene	0.309	0.303	1.9	112	0.00
52	C	Acenaphthene	1.098	1.011	7.9	111	0.00
53		3-Nitroaniline	0.347	0.348	-0.3	116	0.00
54	P	2,4-Dinitrophenol	0.165	0.172	-4.2	120	0.00
55		Dibenzofuran	1.736	1.620	6.7	110	0.00
56	P	4-Nitrophenol	0.285	0.283	0.7	115	0.00
57		2,4-Dinitrotoluene	0.440	0.445	-1.1	116	0.00
58		Fluorene	1.370	1.267	7.5	111	0.01
59		2,3,4,6-Tetrachlorophenol	0.377	0.369	2.1	115	0.00
60		Diethylphthalate	1.488	1.407	5.4	112	0.00
61		4-Chlorophenyl-phenylether	0.681	0.623	8.5	109	0.01
62		4-Nitroaniline	0.356	0.345	3.1	112	0.00
63		Azobenzene	1.274	1.227	3.7	113	0.01
64	I	Phenanthrene-d10	1.000	1.000	0.0	117	0.01
65		4,6-Dinitro-2-methylphenol	0.125	0.124	0.8	118	0.00
66	c	n-Nitrosodiphenylamine	0.610	0.568	6.9	112	0.00
67		4-Bromophenyl-phenylether	0.220	0.204	7.3	112	0.00
68		Hexachlorobenzene	0.255	0.236	7.5	114	0.01
69		Atrazine	0.228	0.217	4.8	116	0.00
70	C	Pentachlorophenol	0.161	0.156	3.1	116	0.01
71		Phenanthrene	1.099	1.001	8.9	113	0.01
72		Anthracene	1.122	1.054	6.1	114	0.00
73		Carbazole	1.057	0.981	7.2	114	0.00
74		Di-n-butylphthalate	1.300	1.222	6.0	115	0.02
75	C	Fluoranthene	1.311	1.228	6.3	117	0.02
76	I	Chrysene-d12	1.000	1.000	0.0	118	0.00
77		Benzidine	0.683	0.721	-5.6	88	0.00
78		Pyrene	1.300	1.216	6.5	113	0.01
79	S	Terphenyl-d14	1.093	0.907	17.0	102	0.02
80		Butylbenzylphthalate	0.589	0.566	3.9	115	0.01
81		Benzo(a)anthracene	1.319	1.218	7.7	113	0.00
82		3,3'-Dichlorobenzidine	0.497	0.473	4.8	114	0.01
83		Chrysene	1.235	1.153	6.6	115	0.00
84		Bis(2-ethylhexyl)phthalate	0.867	0.840	3.1	119	0.00
85	c	Di-n-octyl phthalate	1.492	1.414	5.2	115	0.00
86	I	Perylene-d12	1.000	1.000	0.0	117	0.00
87		Indeno(1,2,3-cd)pyrene	1.467	1.361	7.2	113	0.01
88		Benzo(b)fluoranthene	1.179	1.090	7.5	113	0.02
89		Benzo(k)fluoranthene	1.180	1.105	6.4	115	0.01
90	C	Benzo(a)pyrene	1.148	1.066	7.1	113	0.02
91		Dibenzo(a,h)anthracene	1.199	1.123	6.3	114	0.00
92		Benzo(g,h,i)perylene	1.178	1.096	7.0	113	0.03

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
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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**

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.: Q2903

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	

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.: Q2903

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

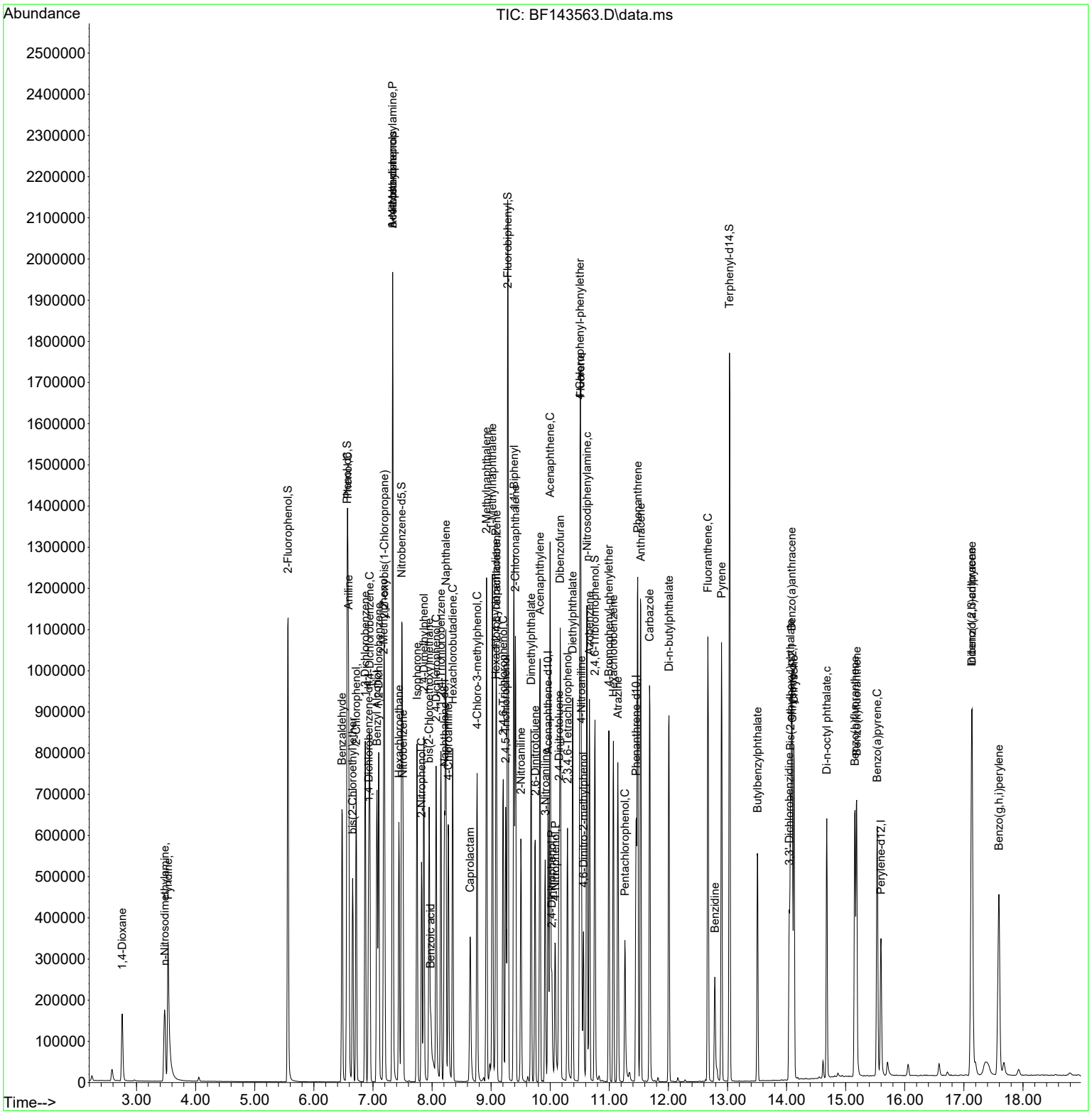
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	146223	36.925	ng	98
46) 1,1'-Biphenyl	9.386	154	543545	37.179	ng	99
47) 2-Chloronaphthalene	9.410	162	425481	37.092	ng	98
48) 2-Nitroaniline	9.504	65	135986	40.507	ng	98
49) Acenaphthylene	9.828	152	612267	37.277	ng	99
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

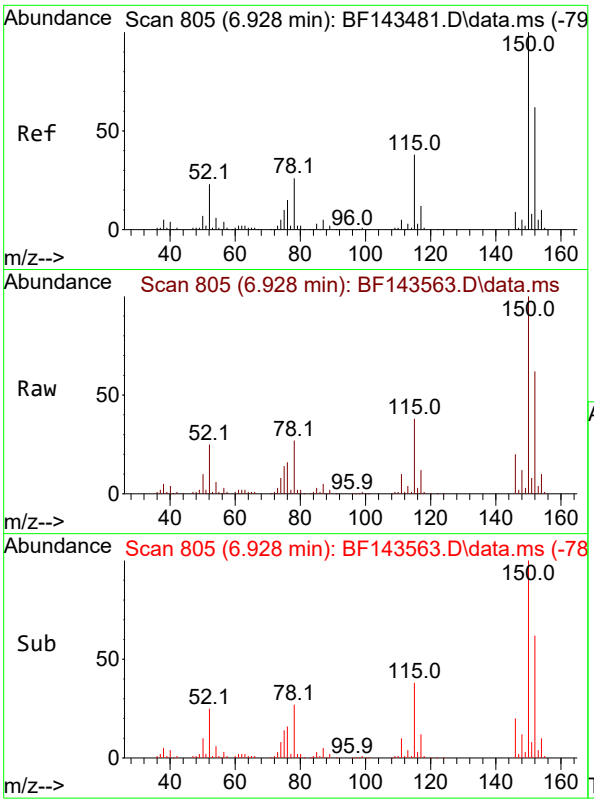
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143563.D
Acq On : 22 Aug 2025 10:29
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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



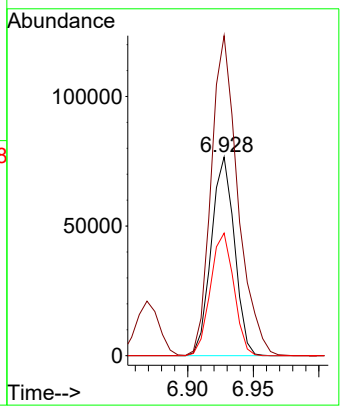


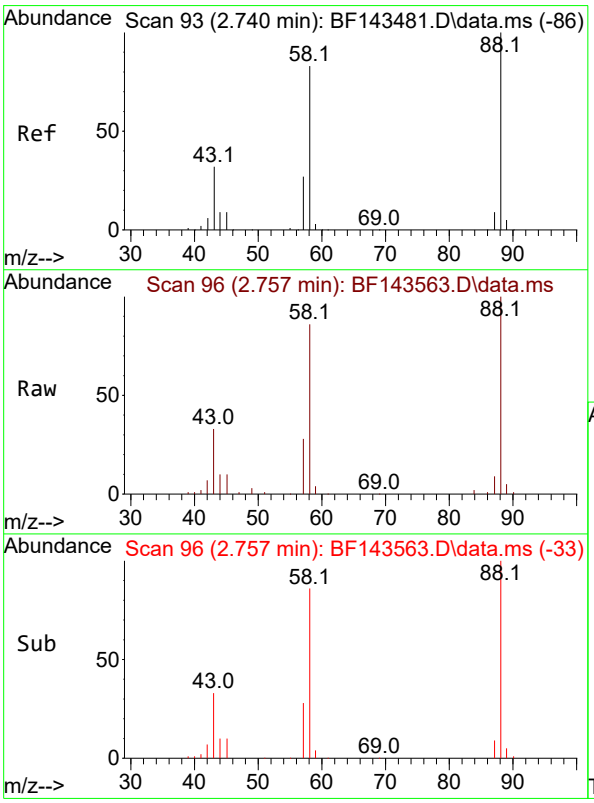
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

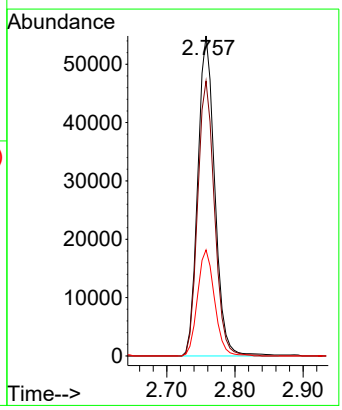


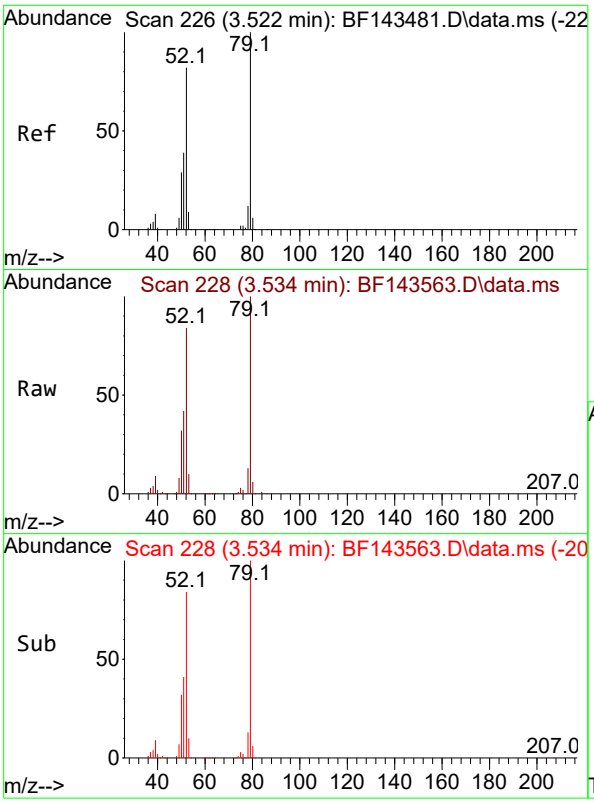


#2
1,4-Dioxane
Concen: 37.951 ng
RT: 2.757 min Scan# 96
Delta R.T. 0.023 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



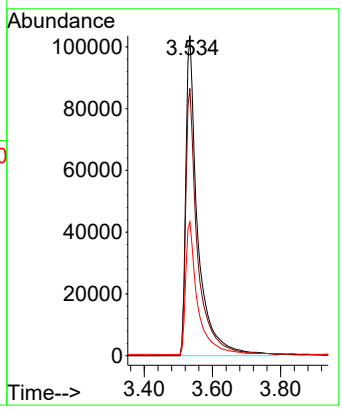


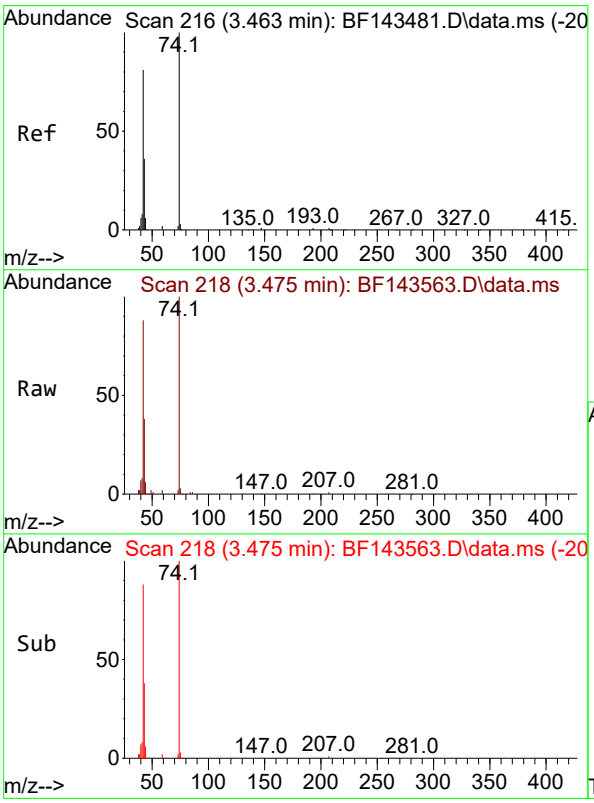
#3
Pyridine
Concen: 38.012 ng
RT: 3.534 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

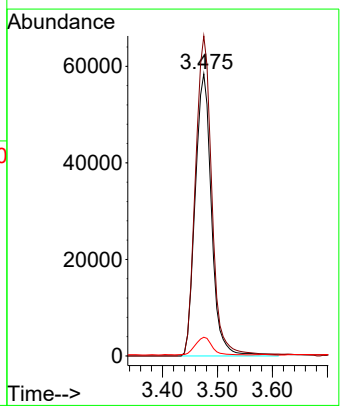


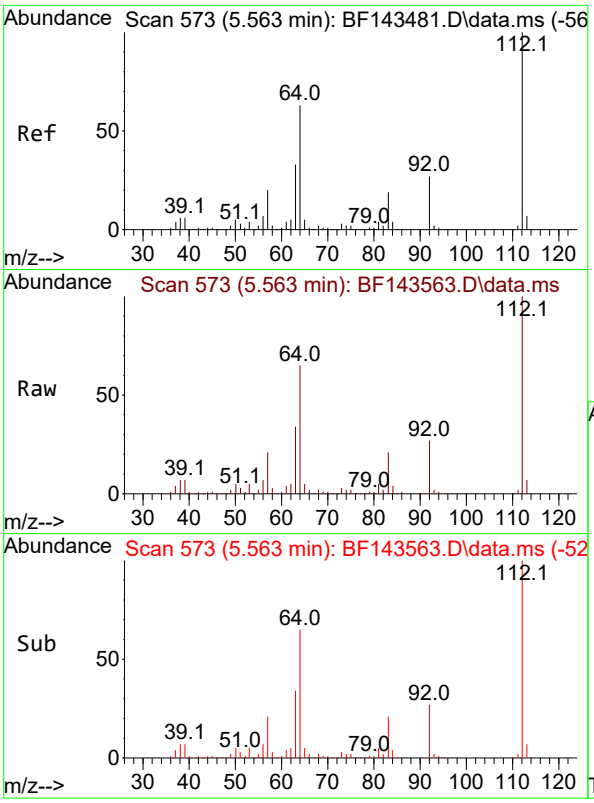


#4
n-Nitrosodimethylamine
Concen: 40.197 ng
RT: 3.475 min Scan# 218
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



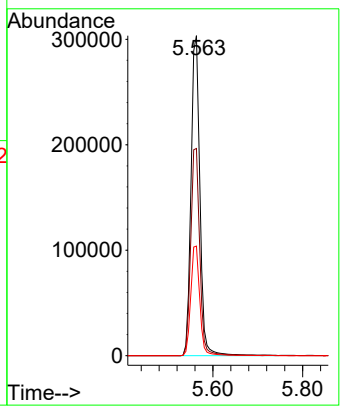


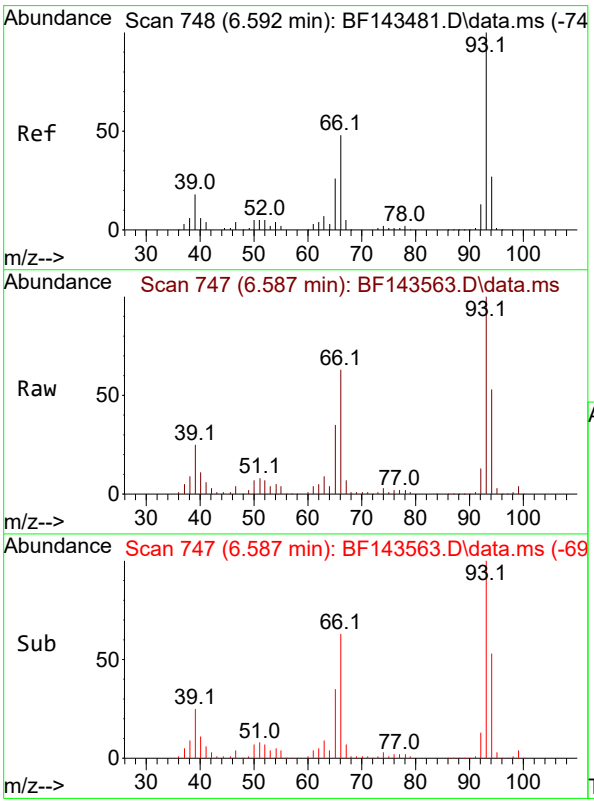
#5
2-Fluorophenol
Concen: 77.212 ng
RT: 5.563 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

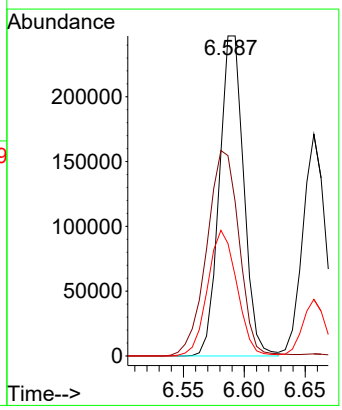


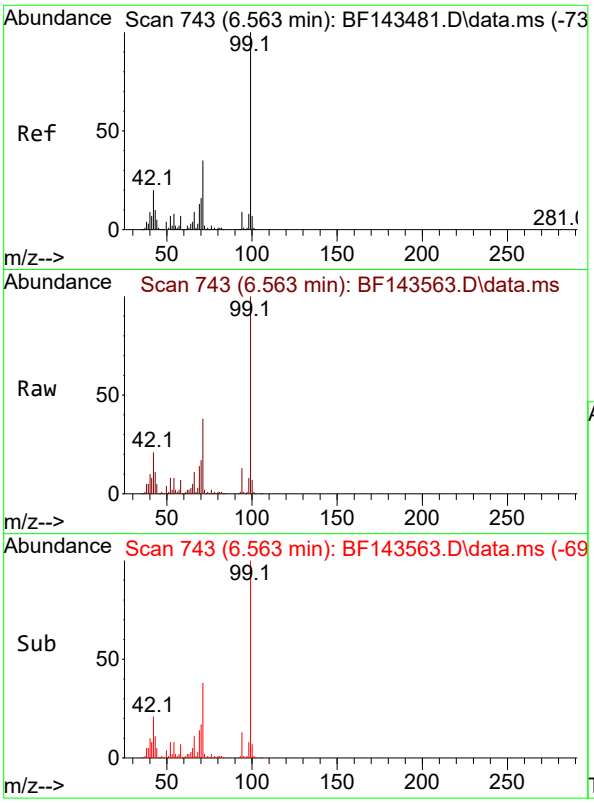


#6
Aniline
Concen: 38.657 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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#



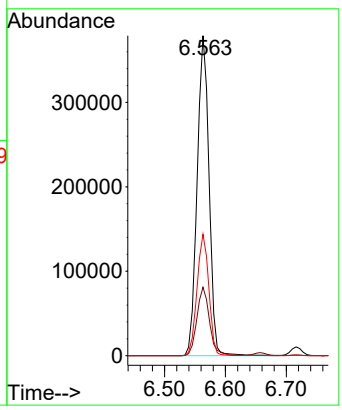


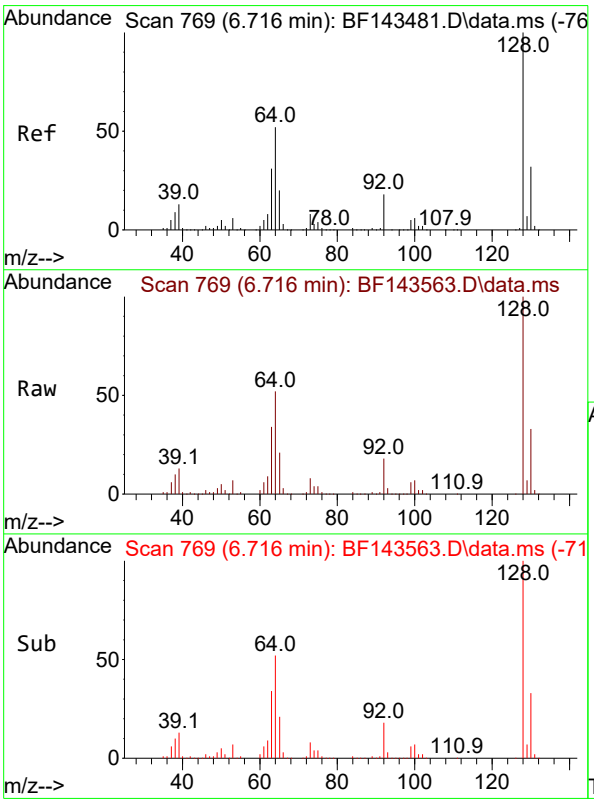
#7
Phenol-d6
Concen: 77.272 ng
RT: 6.563 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

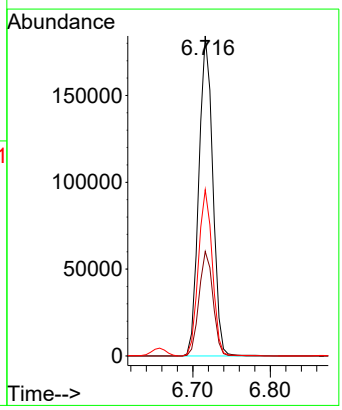


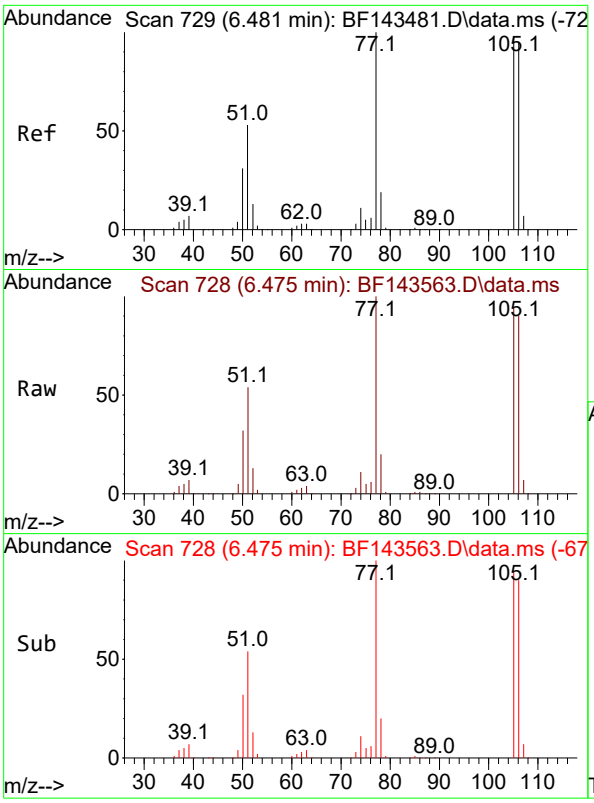


#8
2-Chlorophenol
Concen: 38.580 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



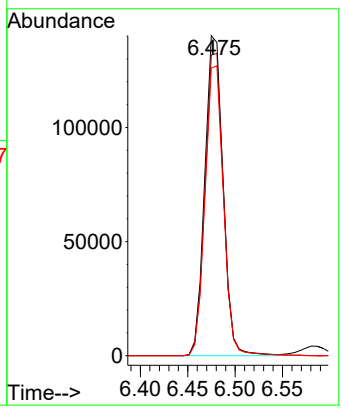


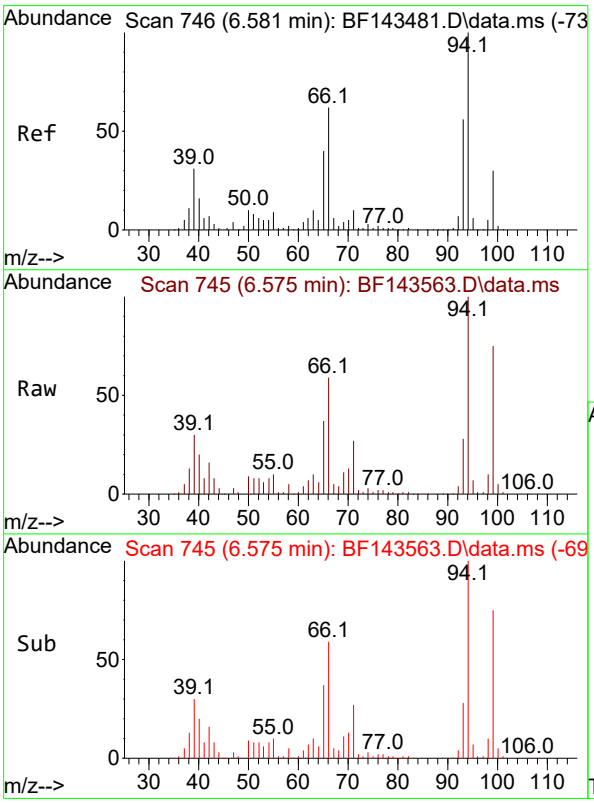
#9
Benzaldehyde
Concen: 34.892 ng
RT: 6.475 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

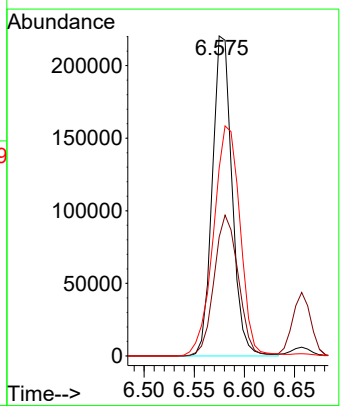


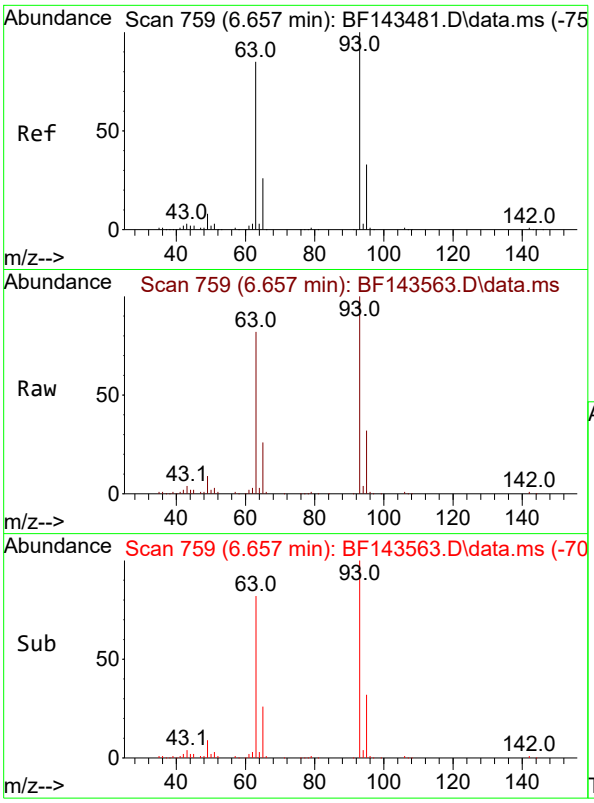


#10
Phenol
Concen: 39.257 ng
RT: 6.575 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



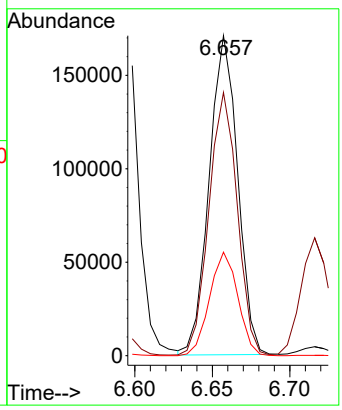


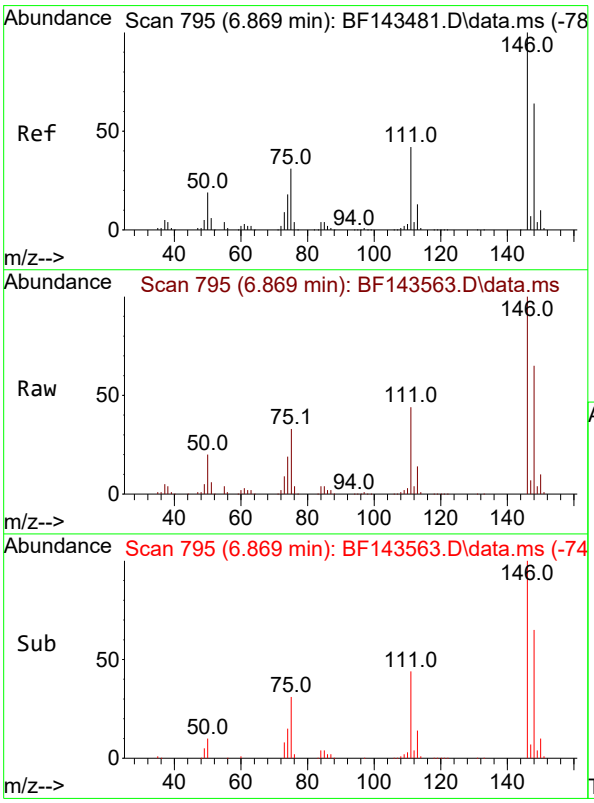
#11
bis(2-Chloroethyl)ether
Concen: 38.008 ng
RT: 6.657 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

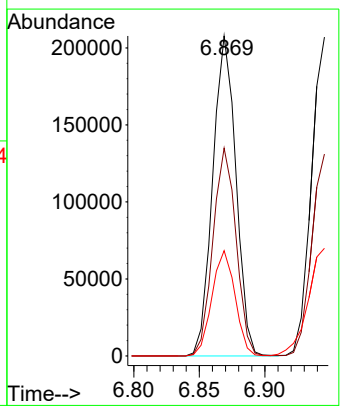


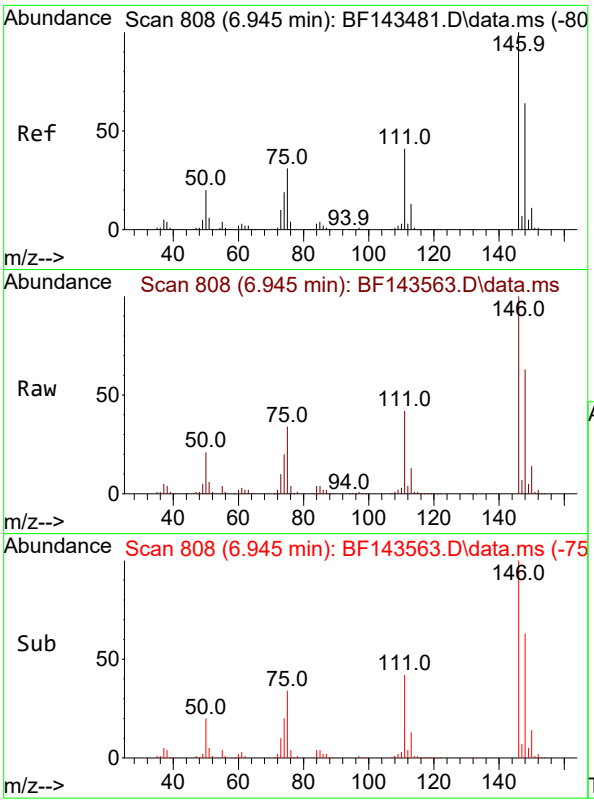


#12
1,3-Dichlorobenzene
Concen: 38.063 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



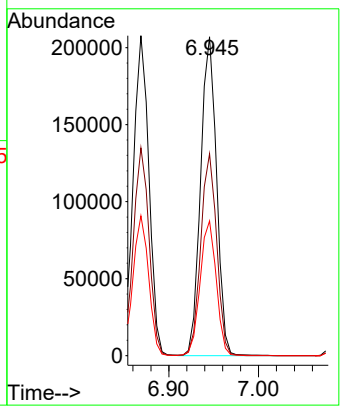


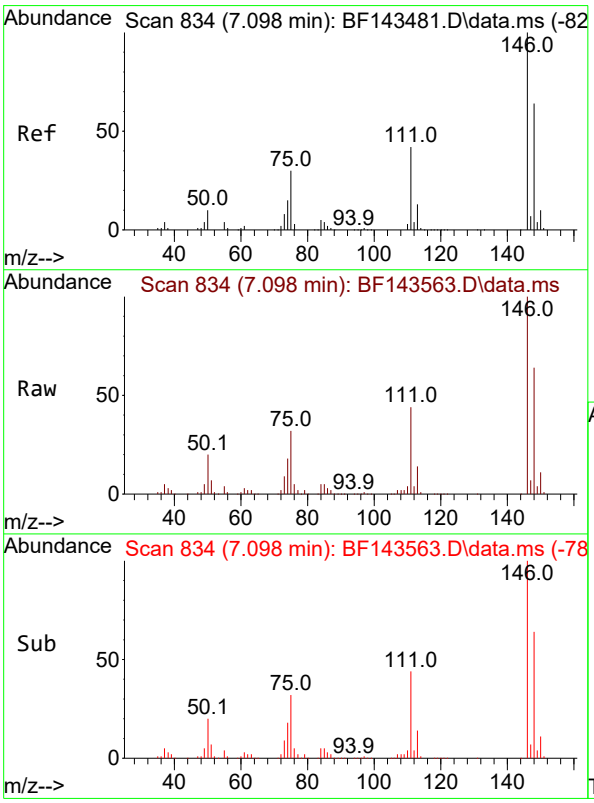
#13
1,4-Dichlorobenzene
Concen: 38.042 ng
RT: 6.945 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

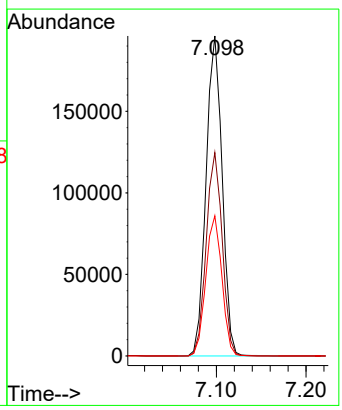


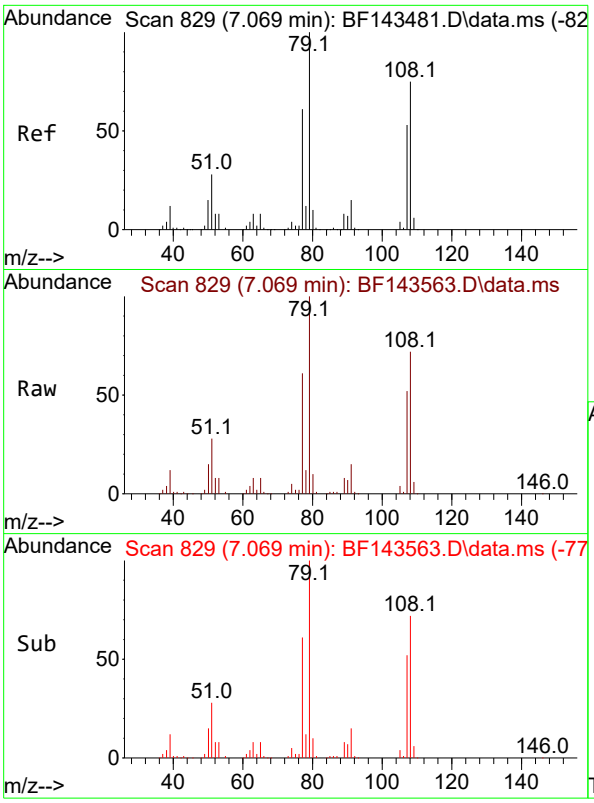


#14
1,2-Dichlorobenzene
Concen: 38.355 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



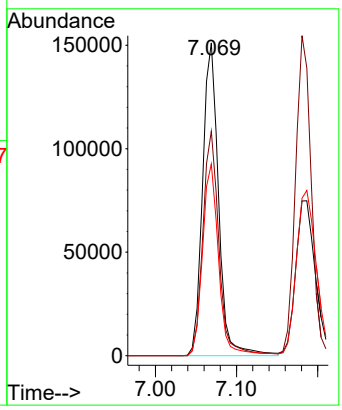


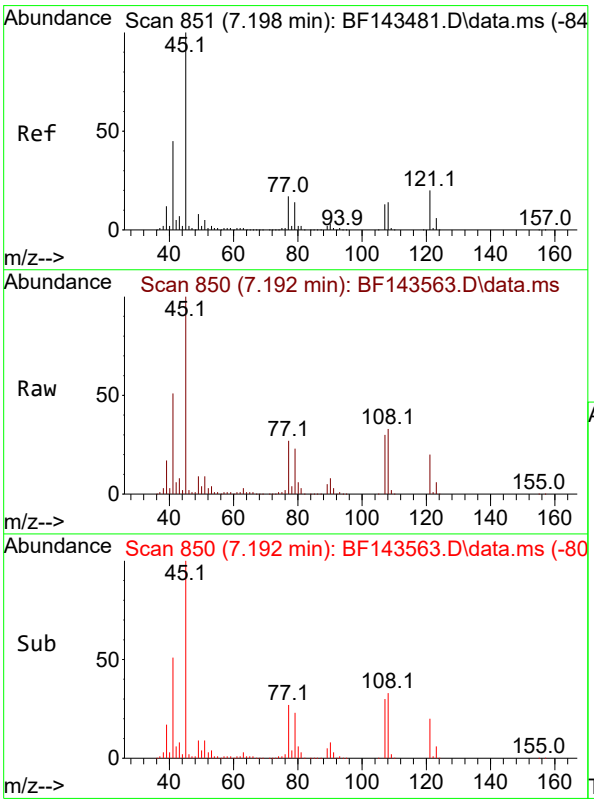
#15
Benzyl Alcohol
Concen: 41.421 ng
RT: 7.069 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

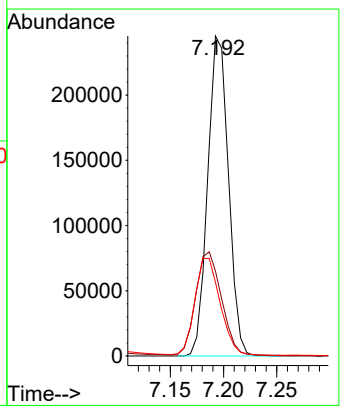


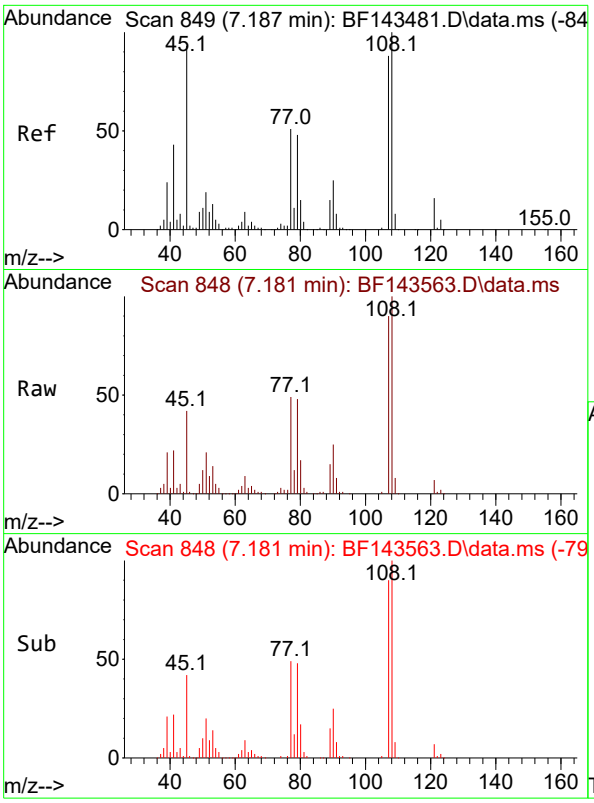


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.186 ng
RT: 7.192 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



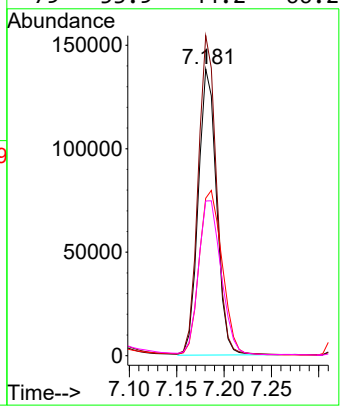


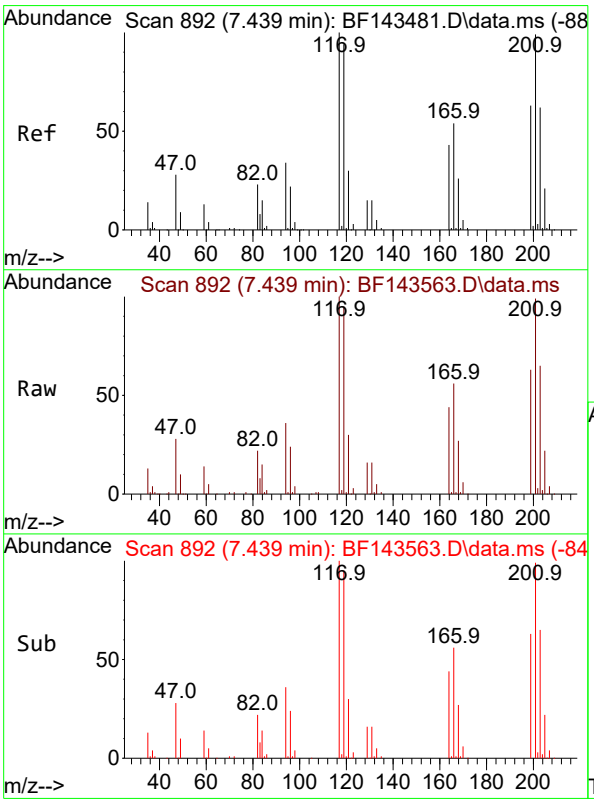
#17
2-Methylphenol
Concen: 38.635 ng
RT: 7.181 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

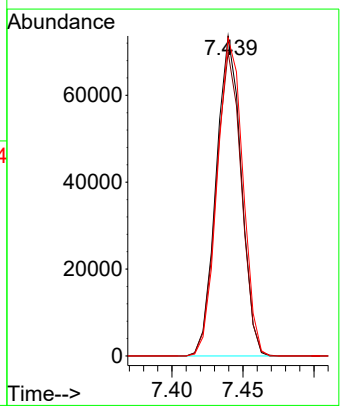


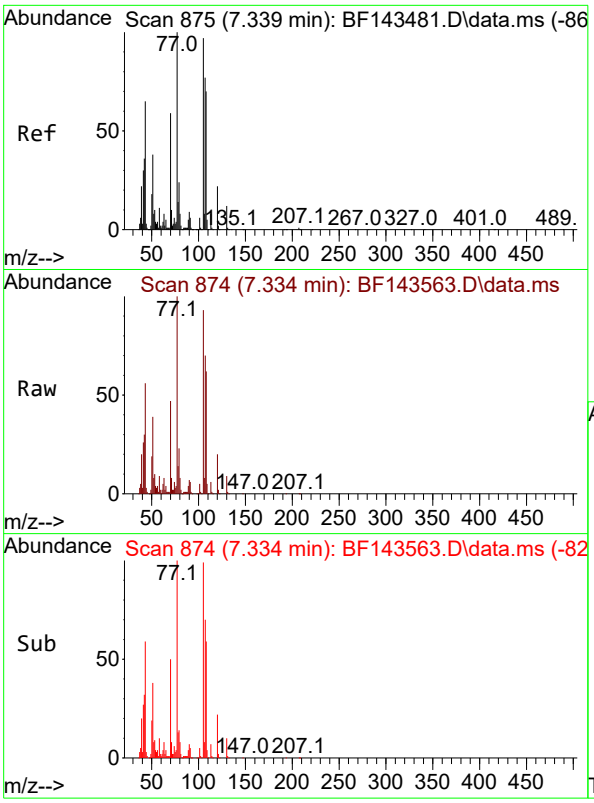


#18
Hexachloroethane
Concen: 39.449 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



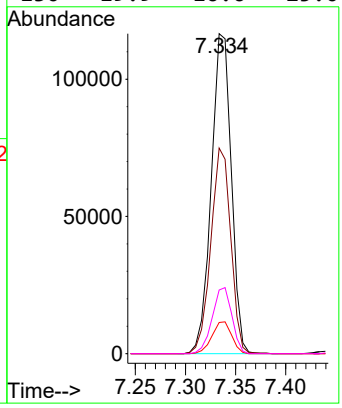


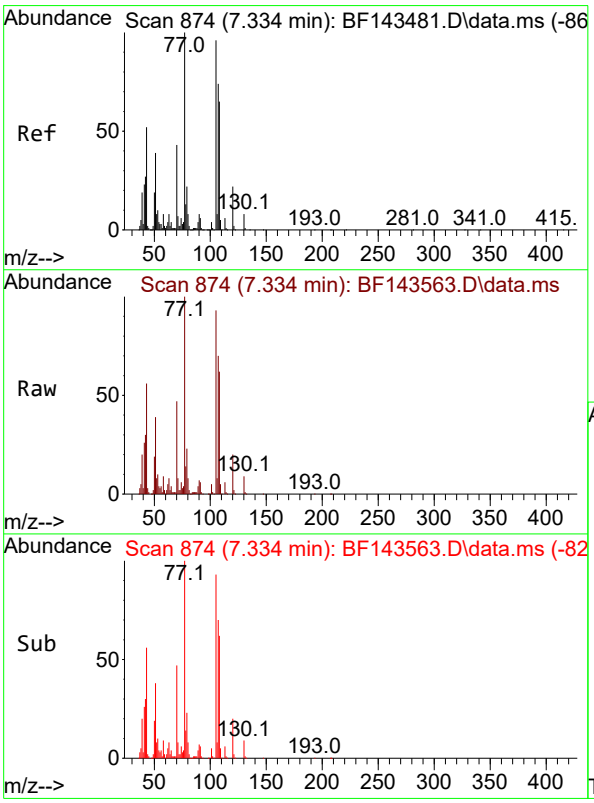
#19
n-Nitroso-di-n-propylamine
Concen: 39.668 ng
RT: 7.334 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

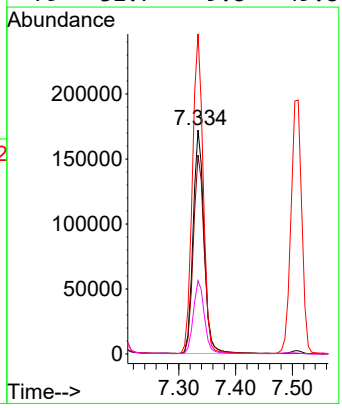


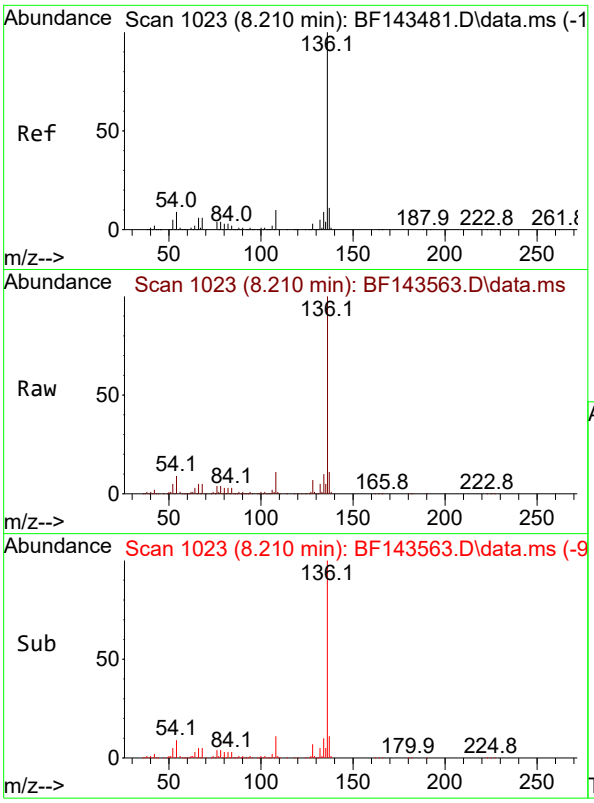


#20
3+4-Methylphenols
Concen: 40.476 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



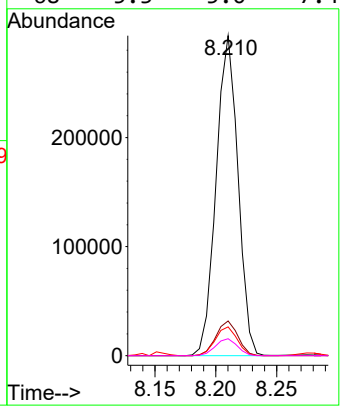


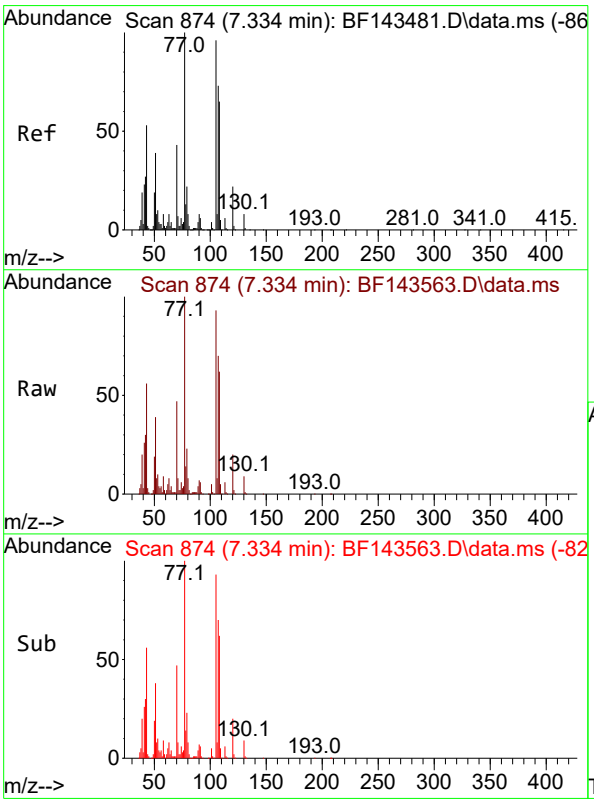
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

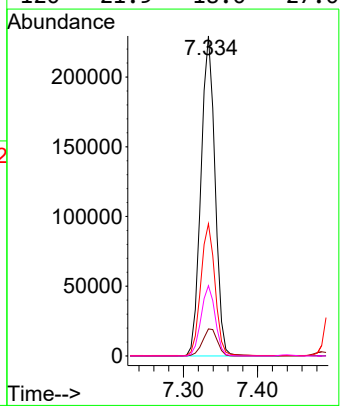


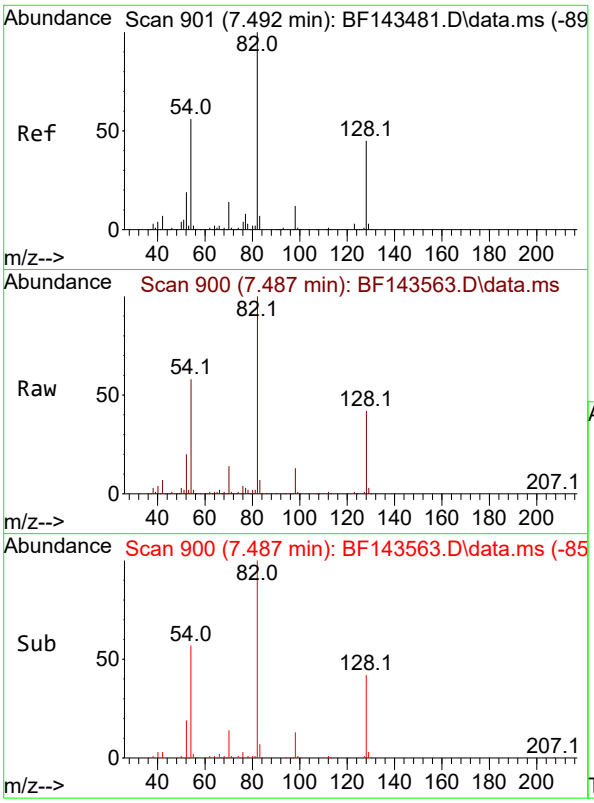


#22
Acetophenone
Concen: 38.355 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



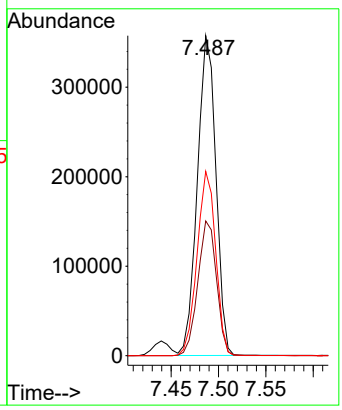


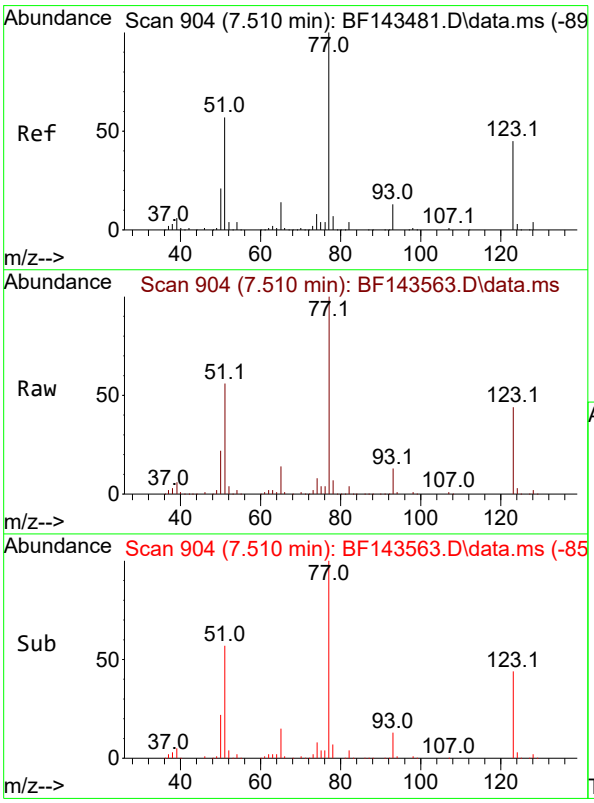
#23
Nitrobenzene-d5
Concen: 77.782 ng
RT: 7.487 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

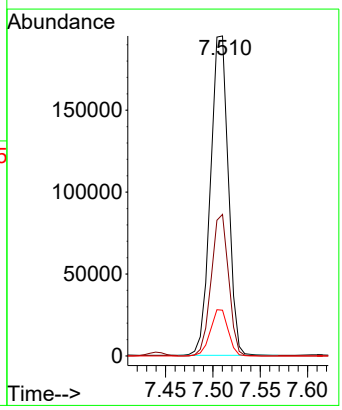


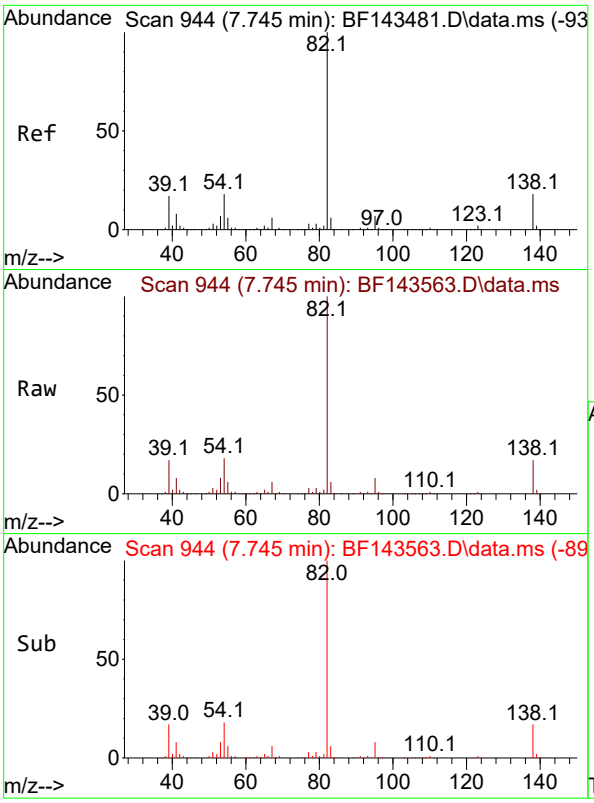


#24
Nitrobenzene
Concen: 39.590 ng
RT: 7.510 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



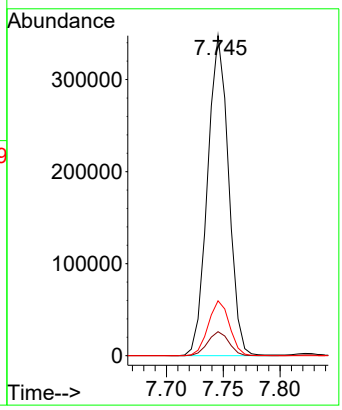


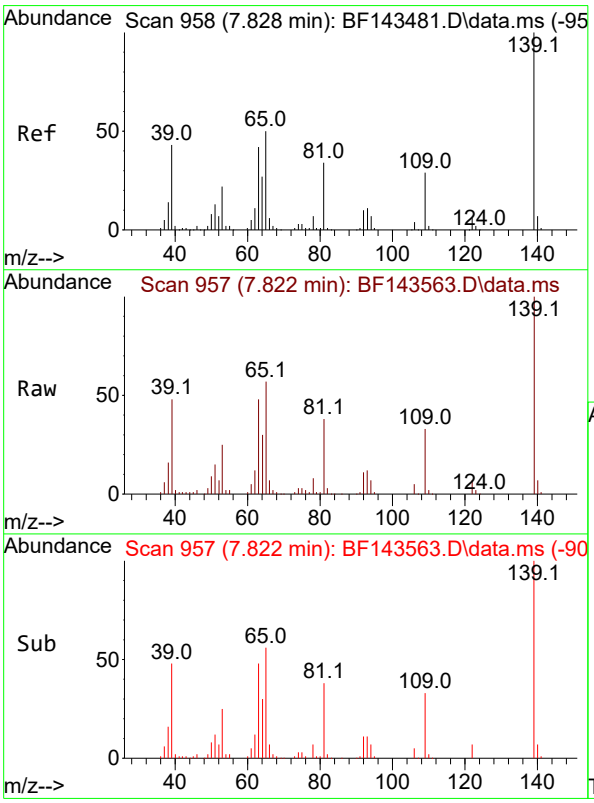
#25
Isophorone
Concen: 38.976 ng
RT: 7.745 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

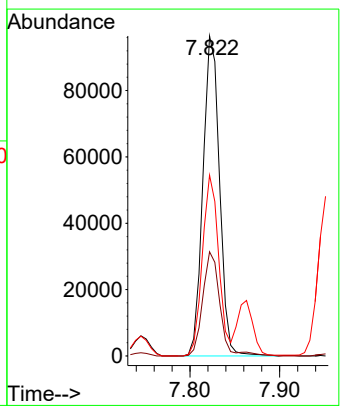


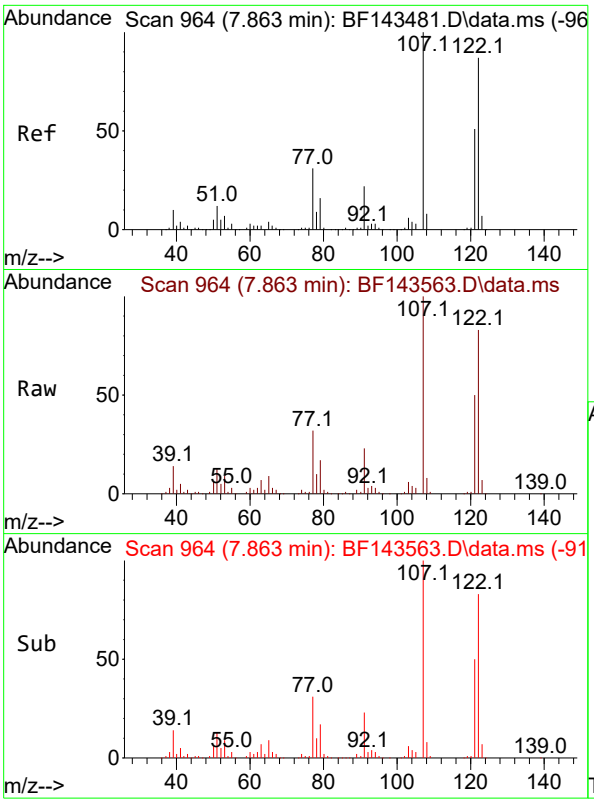


#26
2-Nitrophenol
Concen: 39.181 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



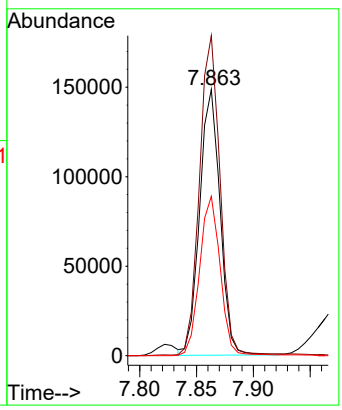


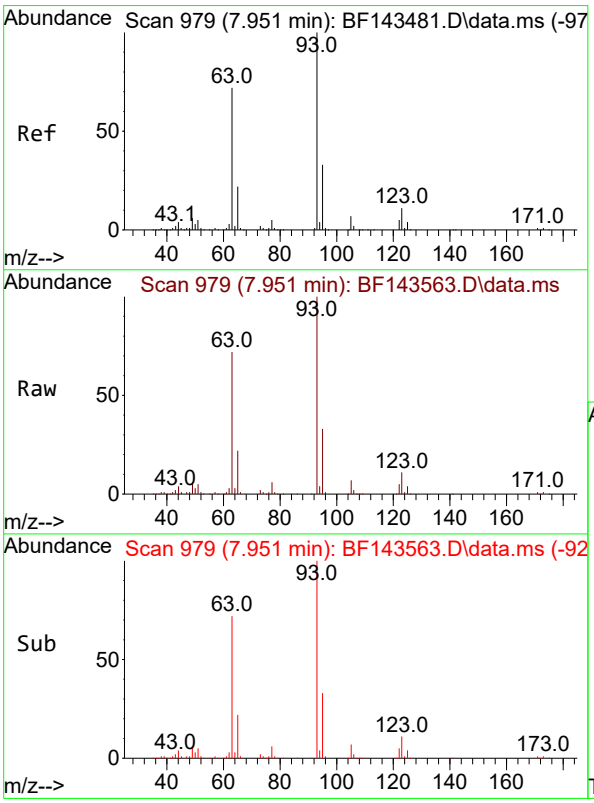
#27
2,4-Dimethylphenol
Concen: 37.645 ng
RT: 7.863 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

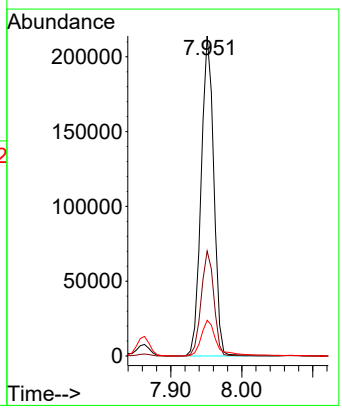


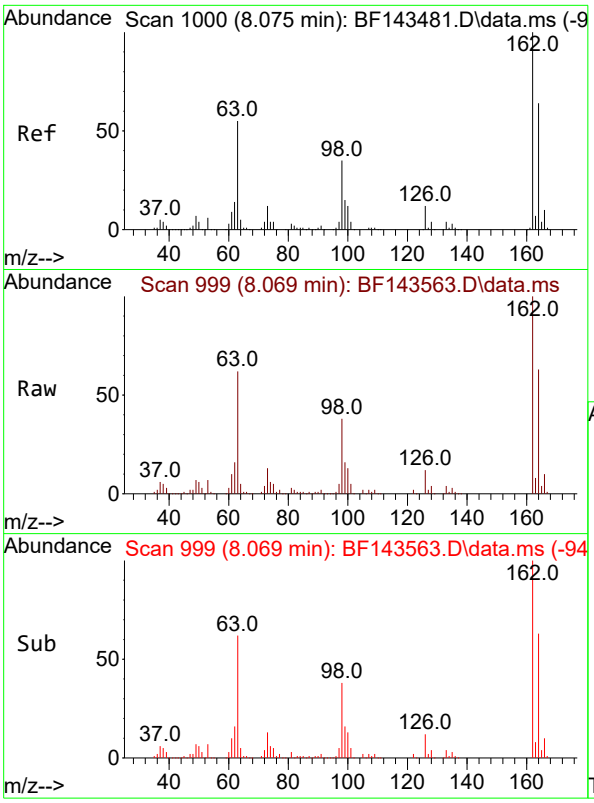


#28
bis(2-Chloroethoxy)methane
Concen: 37.644 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



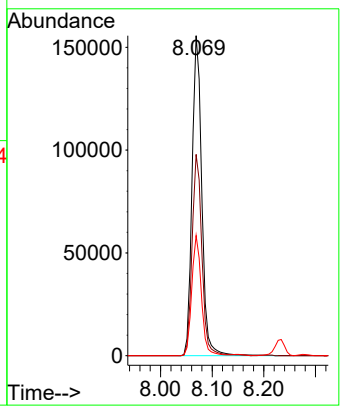


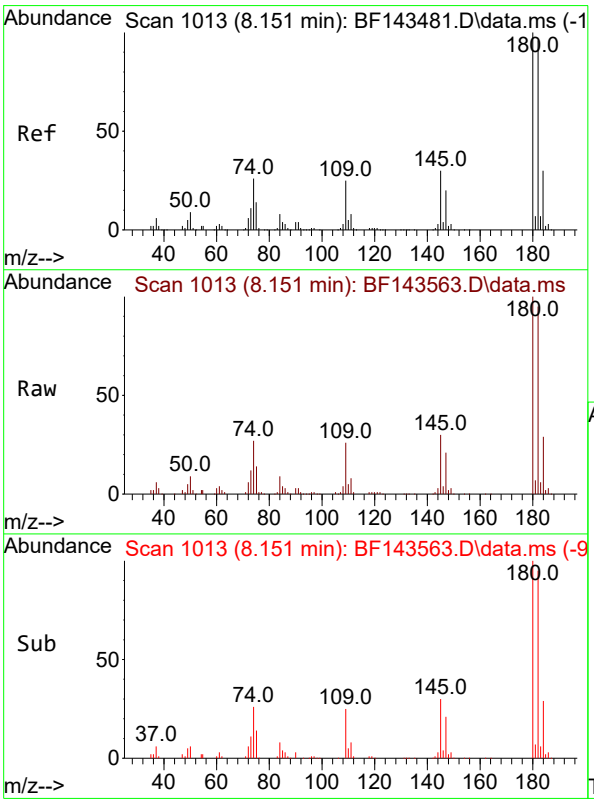
#29
2,4-Dichlorophenol
Concen: 38.661 ng
RT: 8.069 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

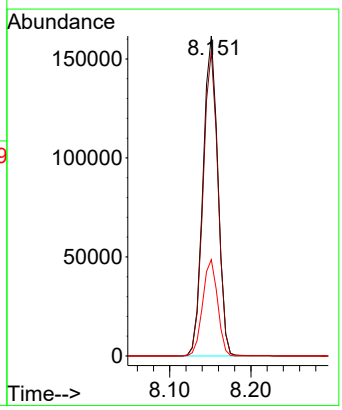


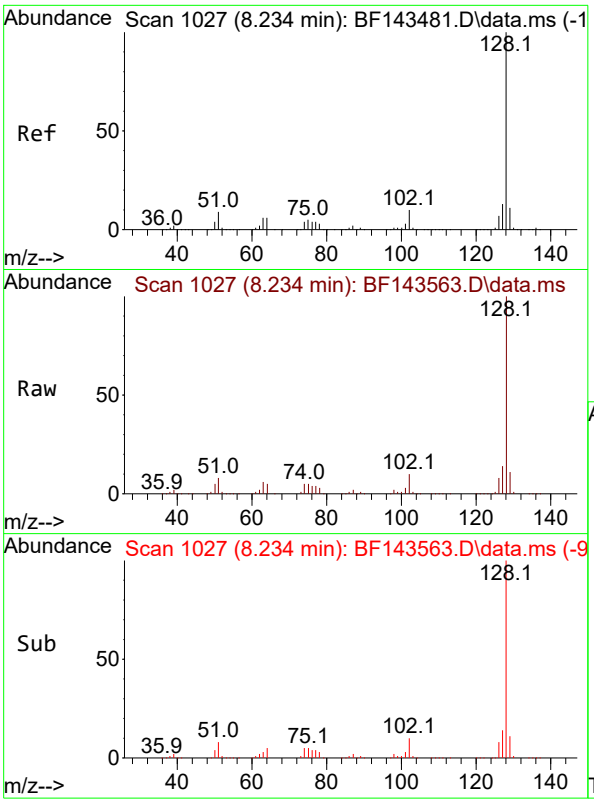


#30
1,2,4-Trichlorobenzene
Concen: 37.756 ng
RT: 8.151 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



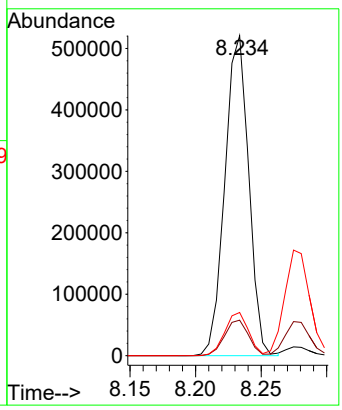


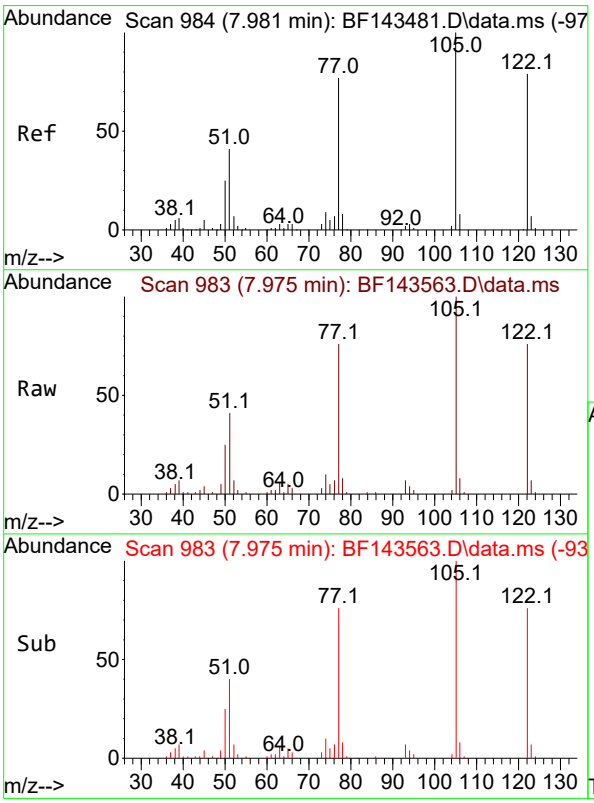
#31
Naphthalene
Concen: 37.471 ng
RT: 8.234 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

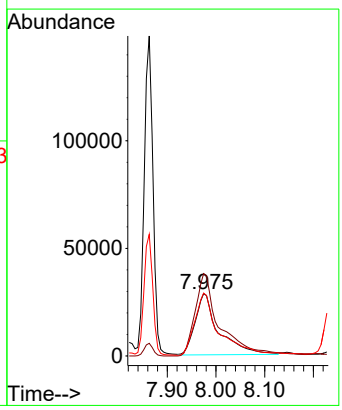


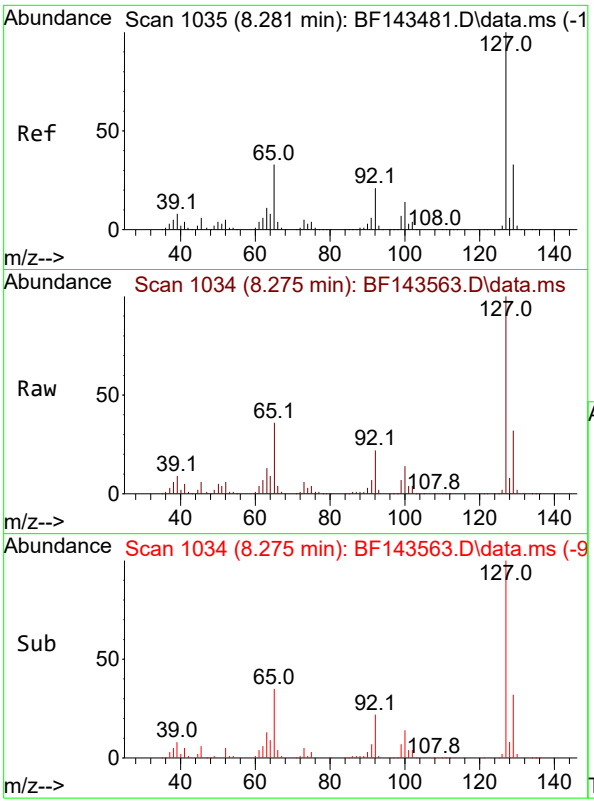


#32
Benzoic acid
Concen: 35.831 ng
RT: 7.975 min Scan# 983
Delta R.T. -0.035 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



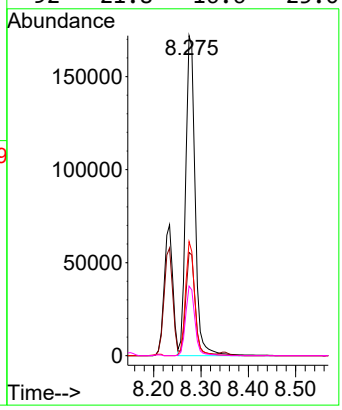


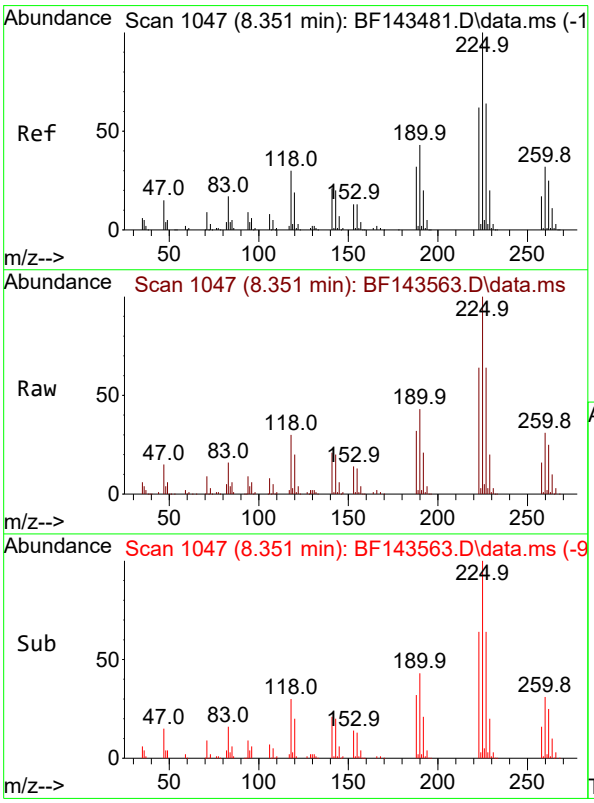
#33
4-Chloroaniline
Concen: 38.155 ng
RT: 8.275 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

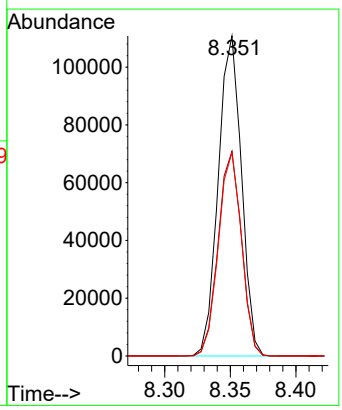


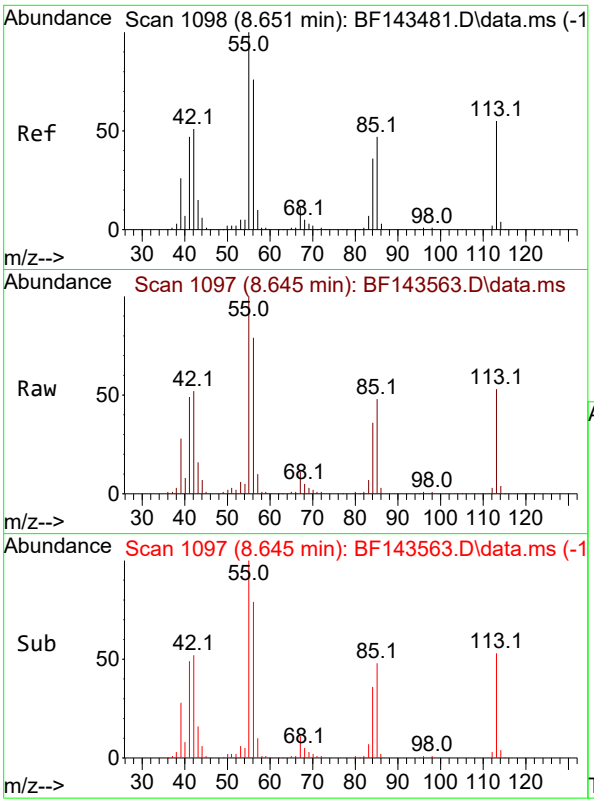


#34
Hexachlorobutadiene
Concen: 38.527 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



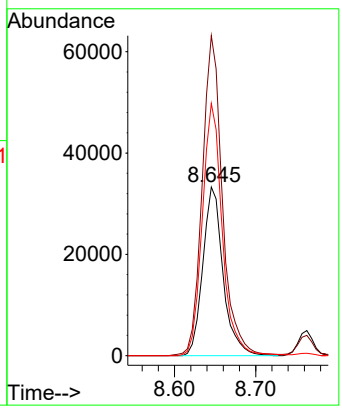


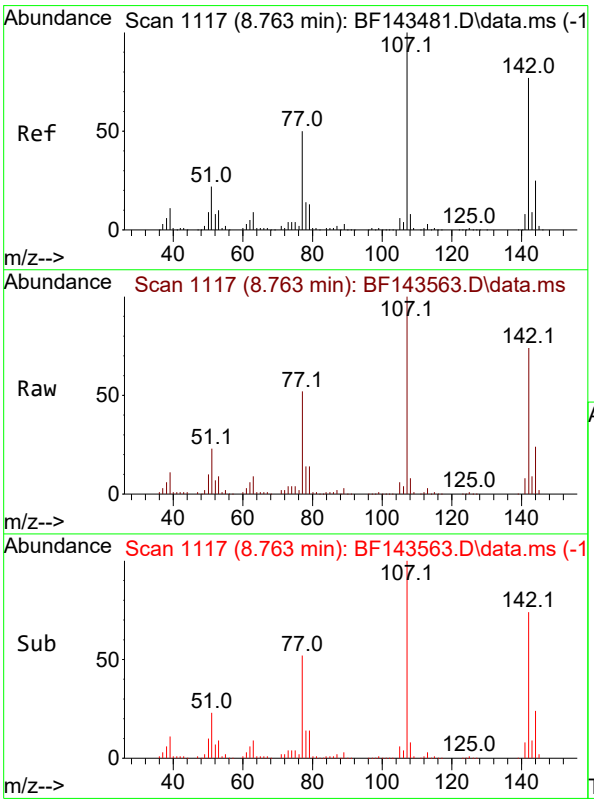
#35
Caprolactam
Concen: 45.461 ng
RT: 8.645 min Scan# 1
Delta R.T. -0.029 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

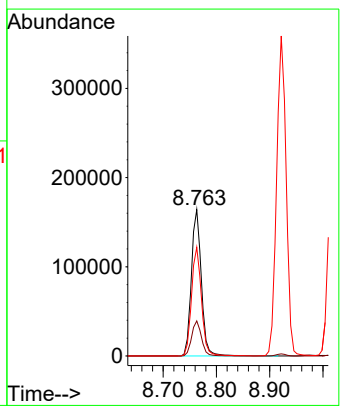


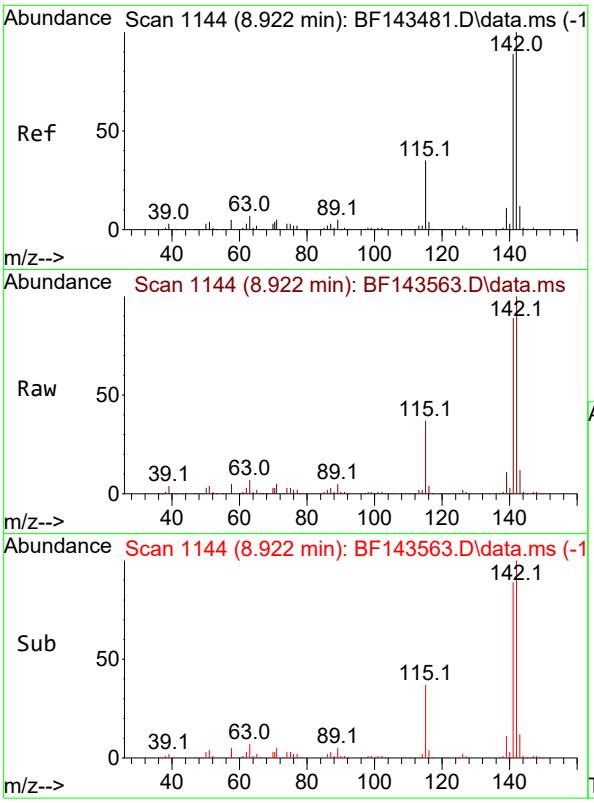


#36
4-Chloro-3-methylphenol
Concen: 40.475 ng
RT: 8.763 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



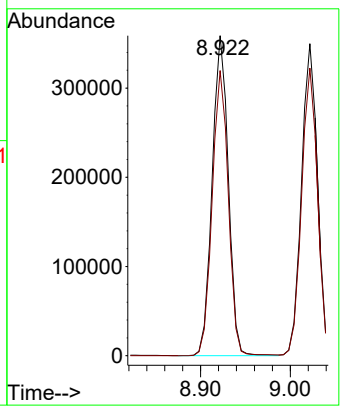


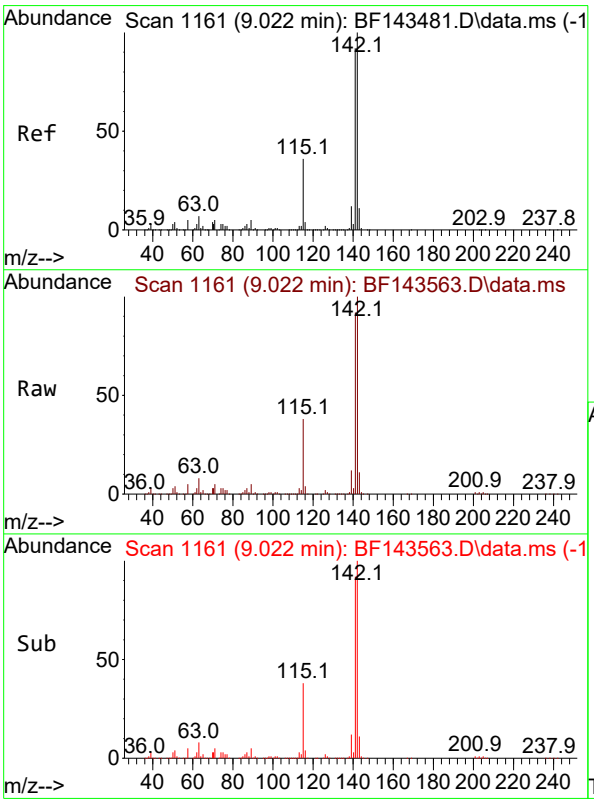
#37
2-Methylnaphthalene
Concen: 38.072 ng
RT: 8.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 447078

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.4

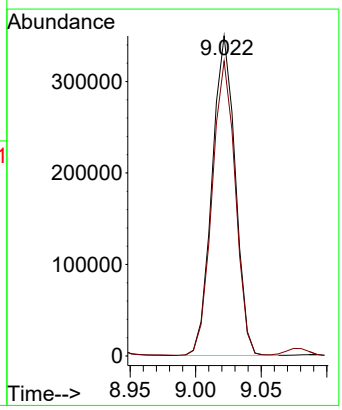


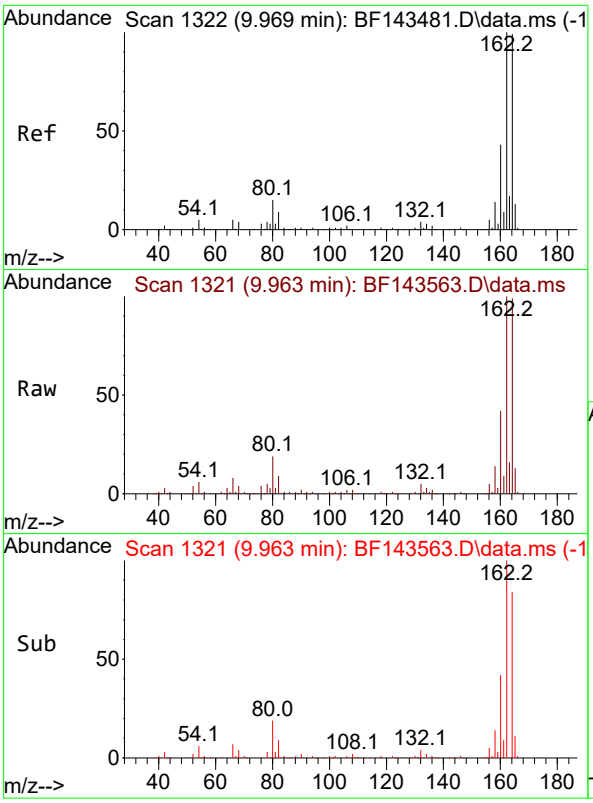


#38
1-Methylnaphthalene
Concen: 38.168 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

Tgt Ion:142 Resp: 428730

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.3	109.9



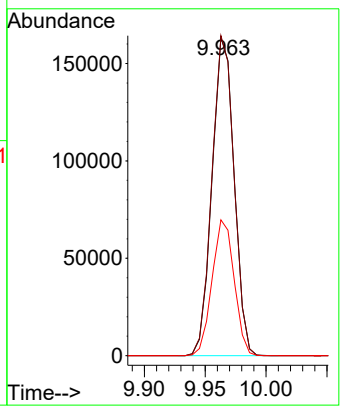


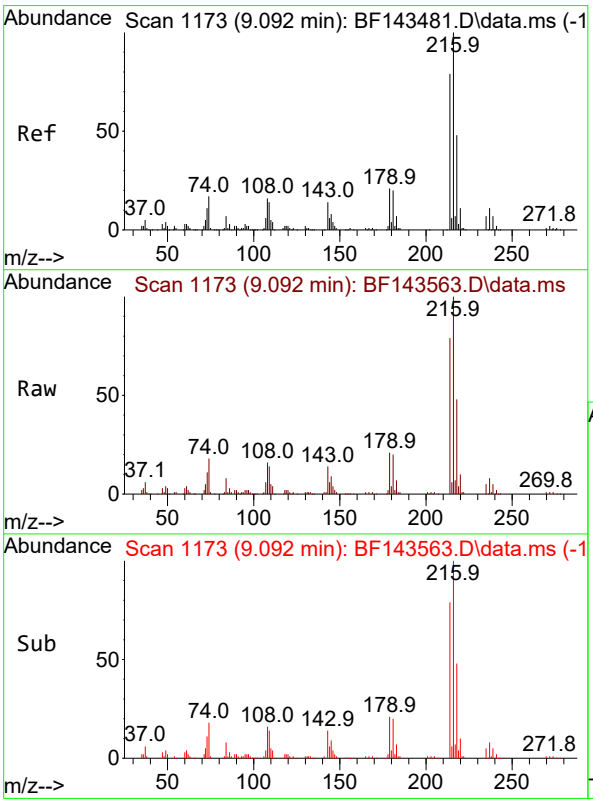
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

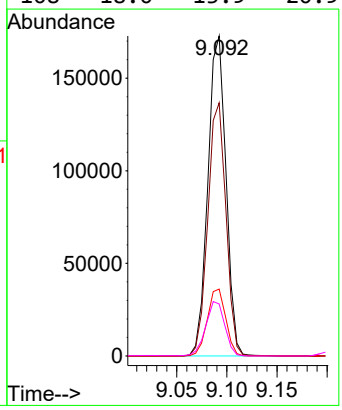


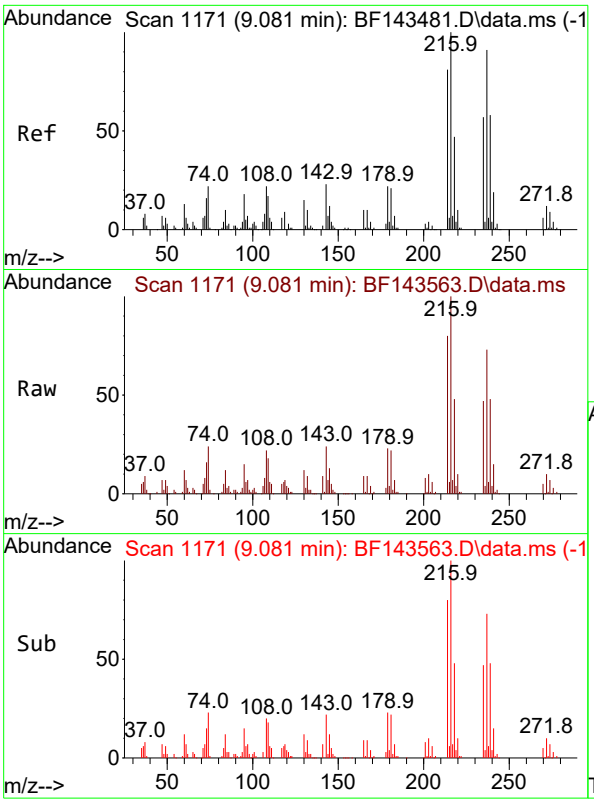


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.876 ng
RT: 9.092 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



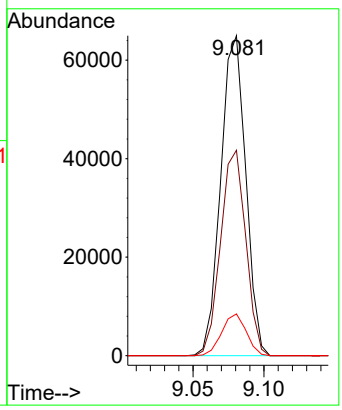


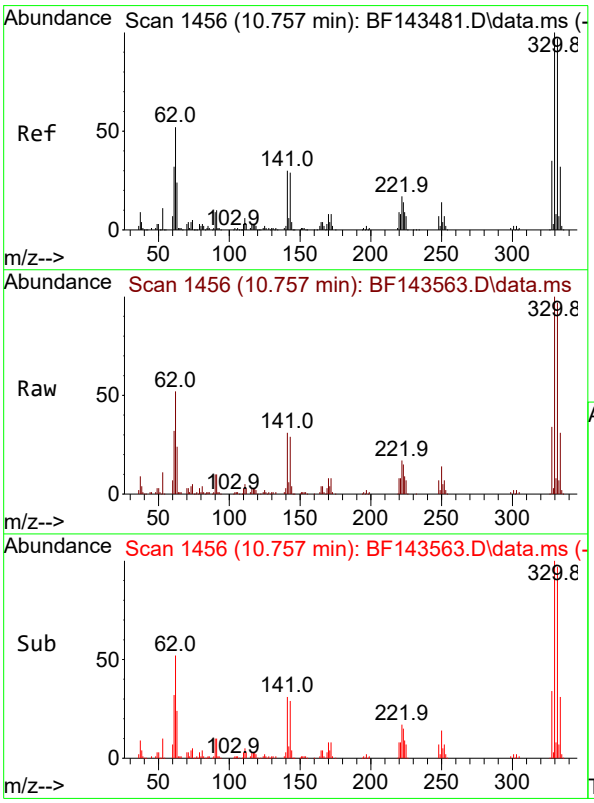
#41
Hexachlorocyclopentadiene
Concen: 38.369 ng
RT: 9.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

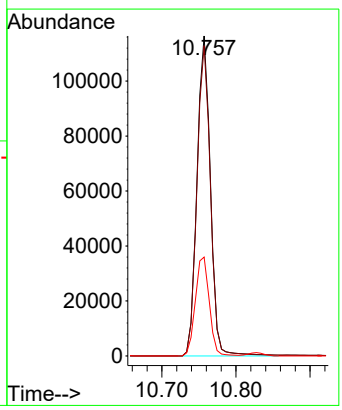


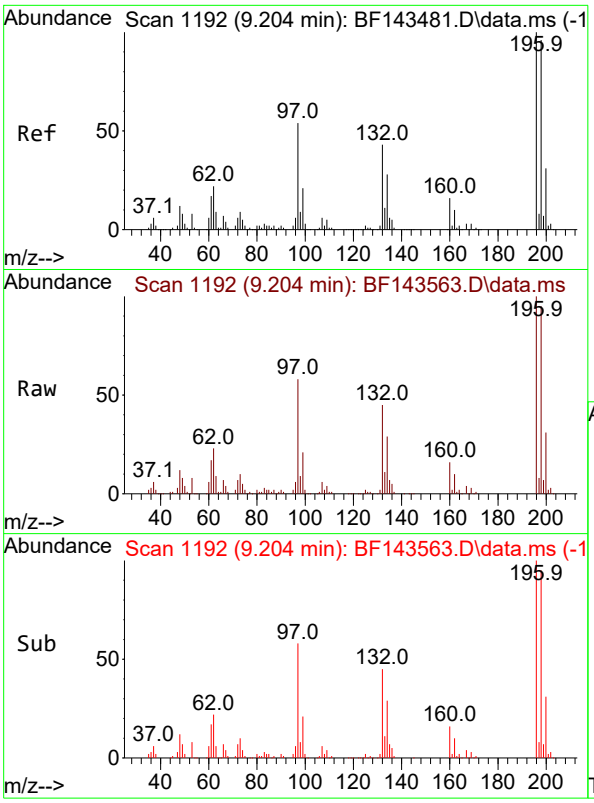


#42
2,4,6-Tribromophenol
Concen: 76.683 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



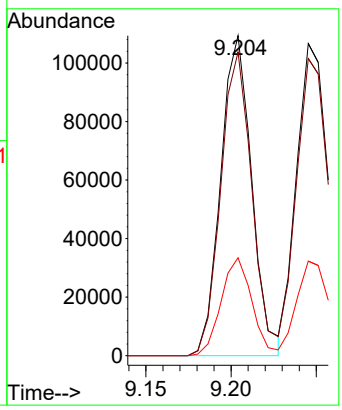


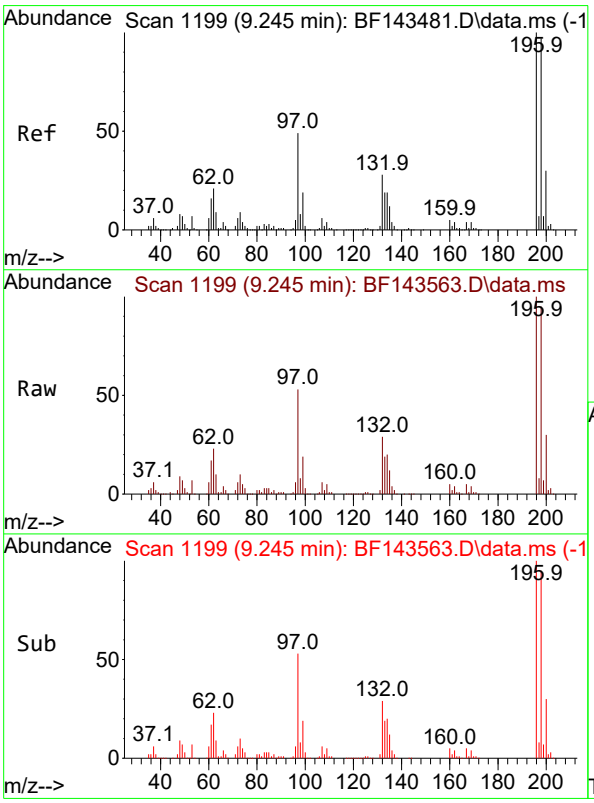
#43
2,4,6-Trichlorophenol
Concen: 38.169 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

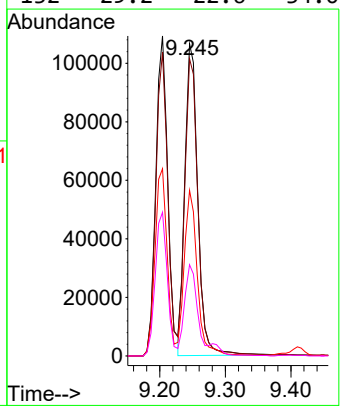


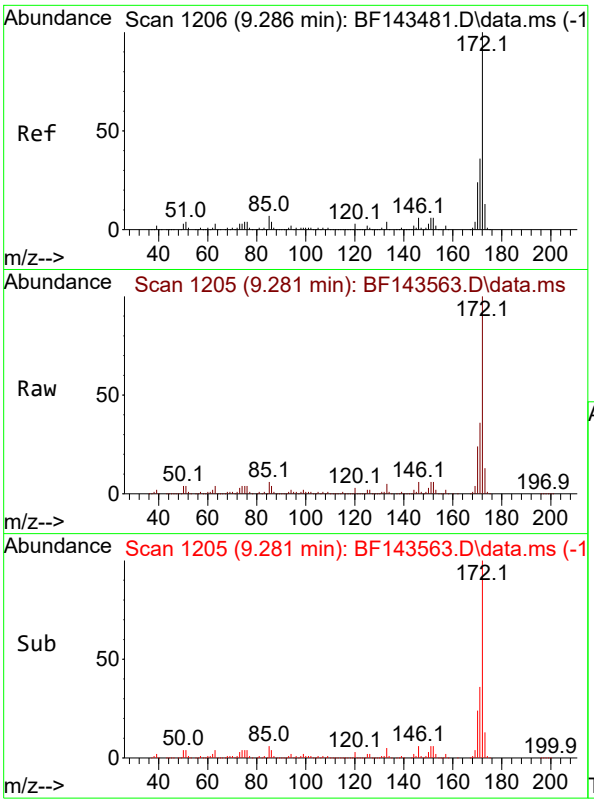


#44
2,4,5-Trichlorophenol
Concen: 36.925 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



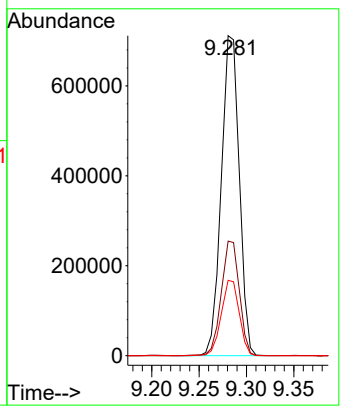


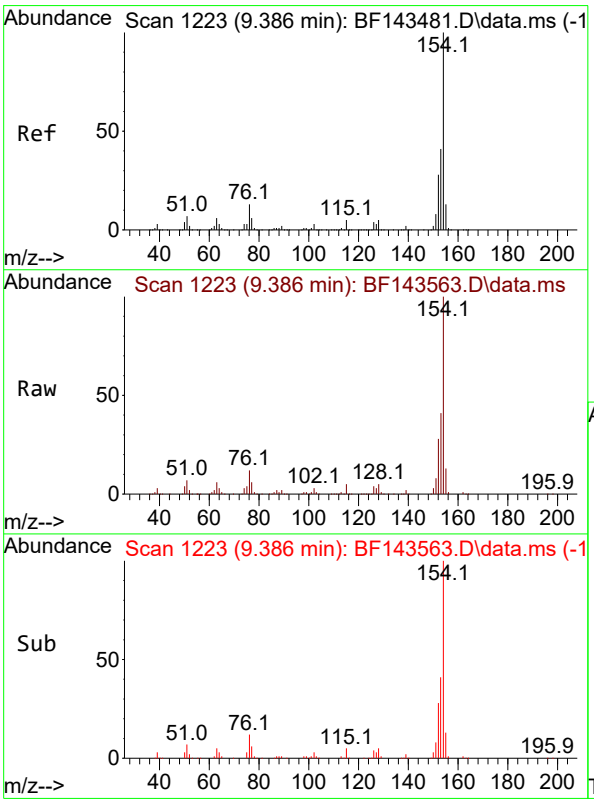
#45
2-Fluorobiphenyl
Concen: 75.534 ng
RT: 9.281 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

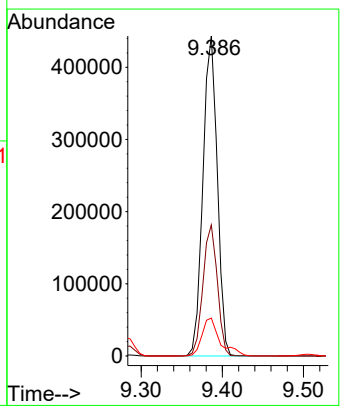


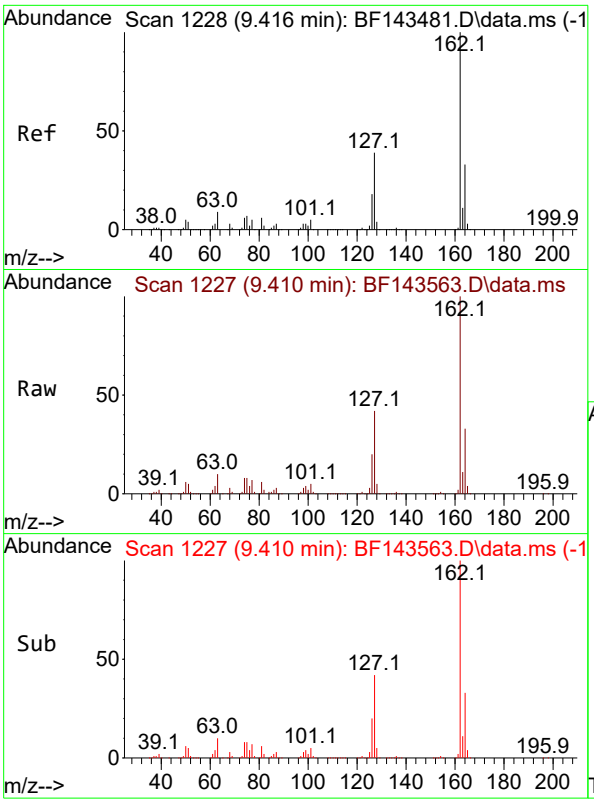


#46
1,1'-Biphenyl
Concen: 37.179 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



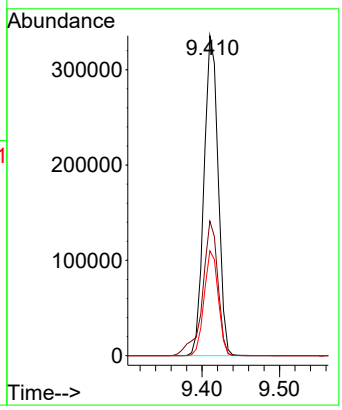


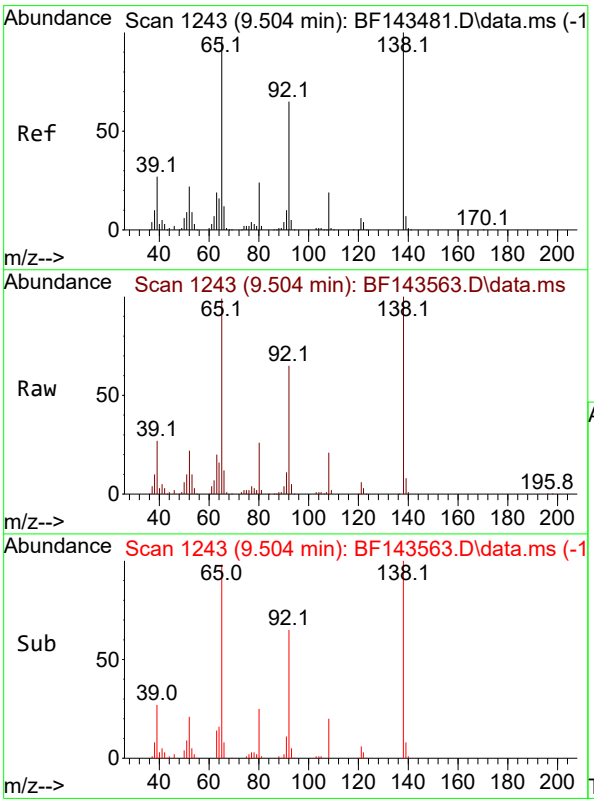
#47
2-Chloronaphthalene
Concen: 37.092 ng
RT: 9.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

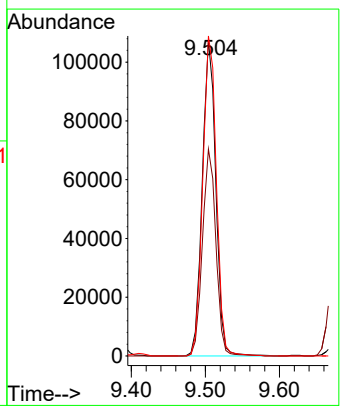


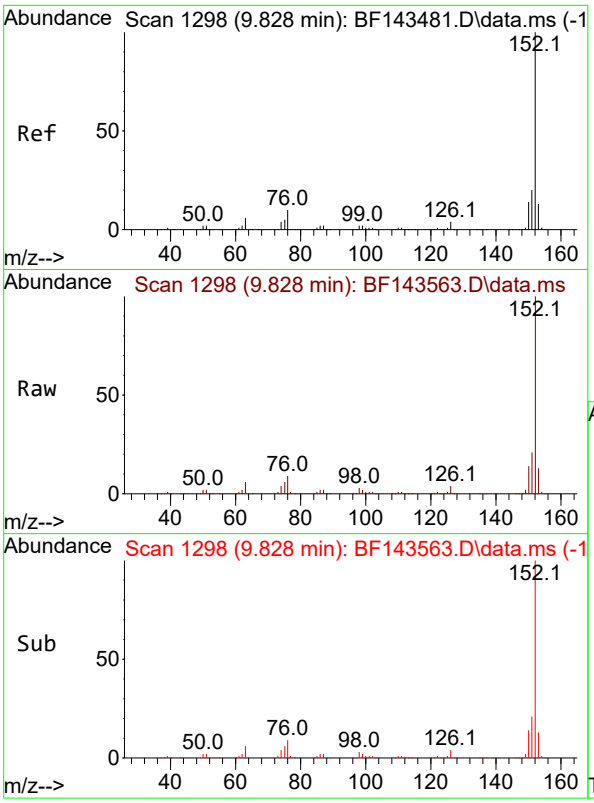


#48
2-Nitroaniline
Concen: 40.507 ng
RT: 9.504 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



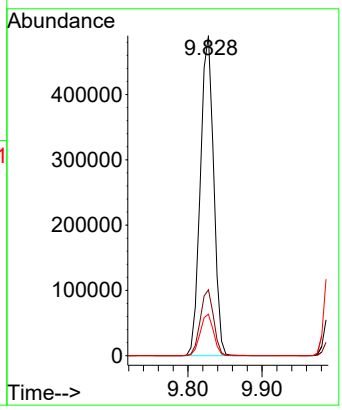


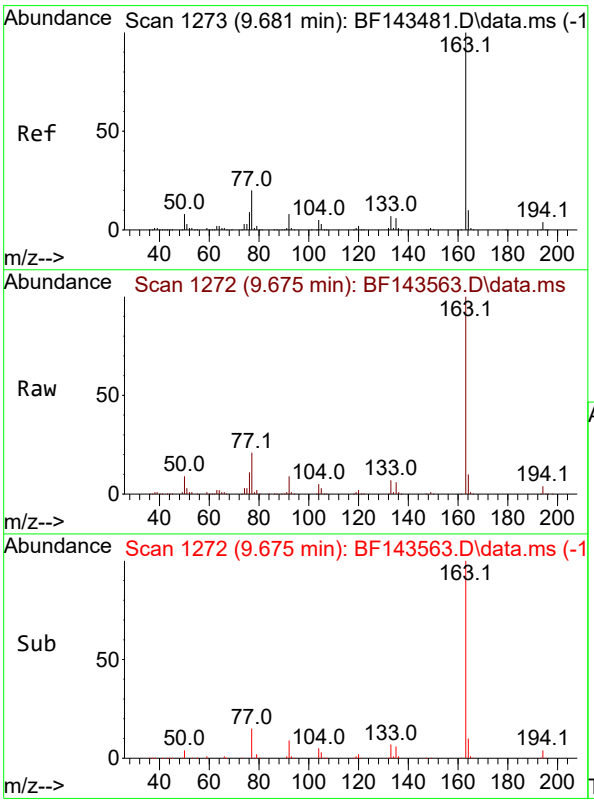
#49
Acenaphthylene
Concen: 37.277 ng
RT: 9.828 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

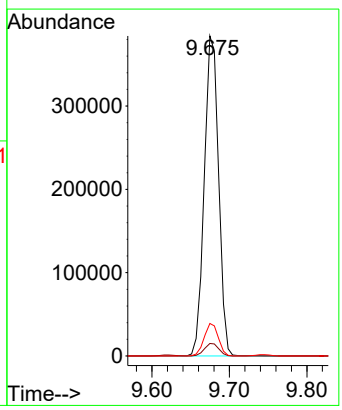


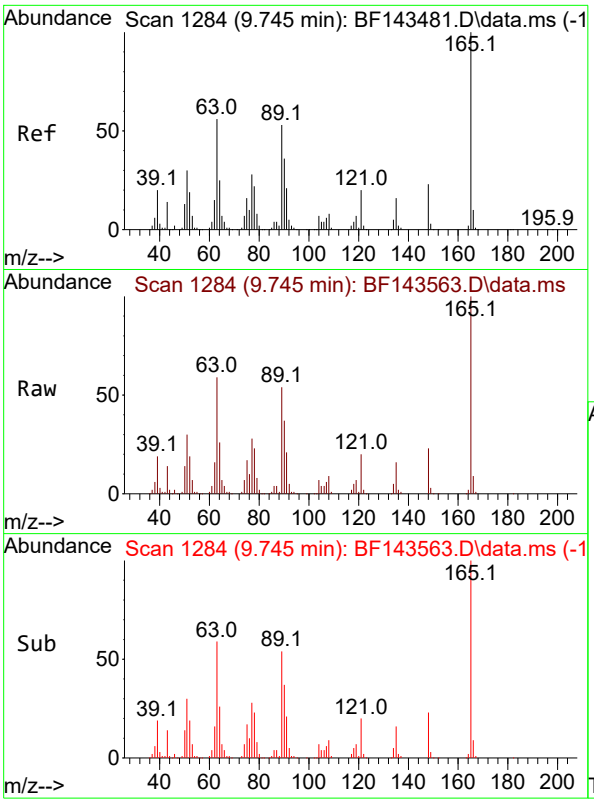


#50
Dimethylphthalate
Concen: 39.712 ng
RT: 9.675 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



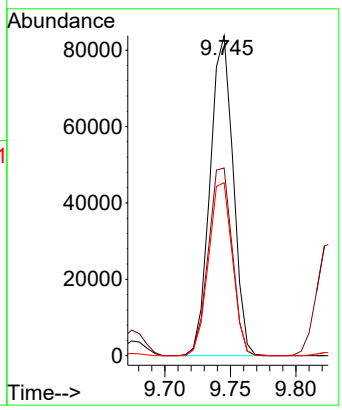


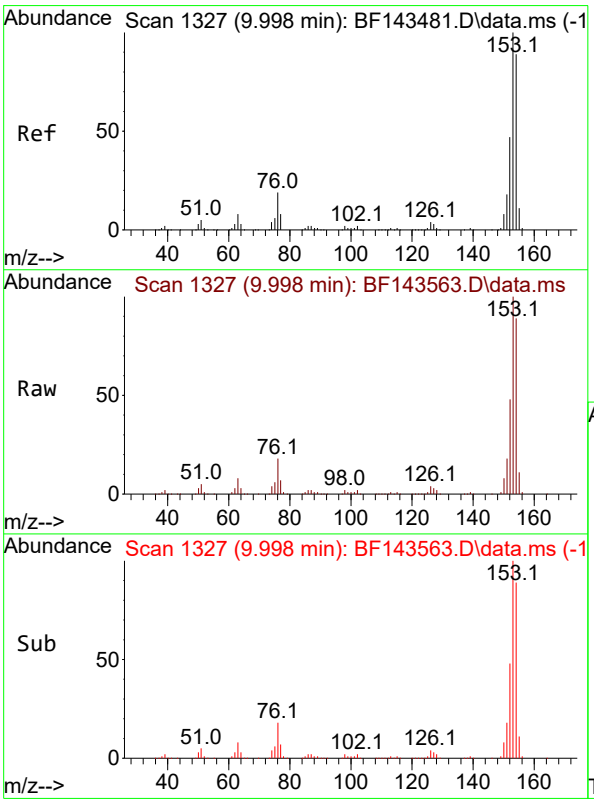
#51
2,6-Dinitrotoluene
Concen: 39.929 ng
RT: 9.745 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

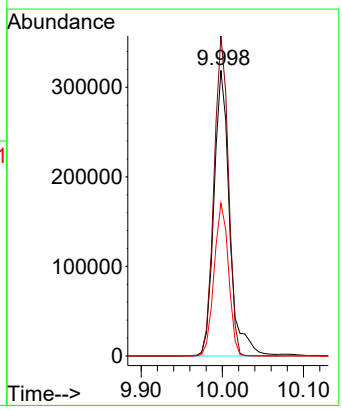


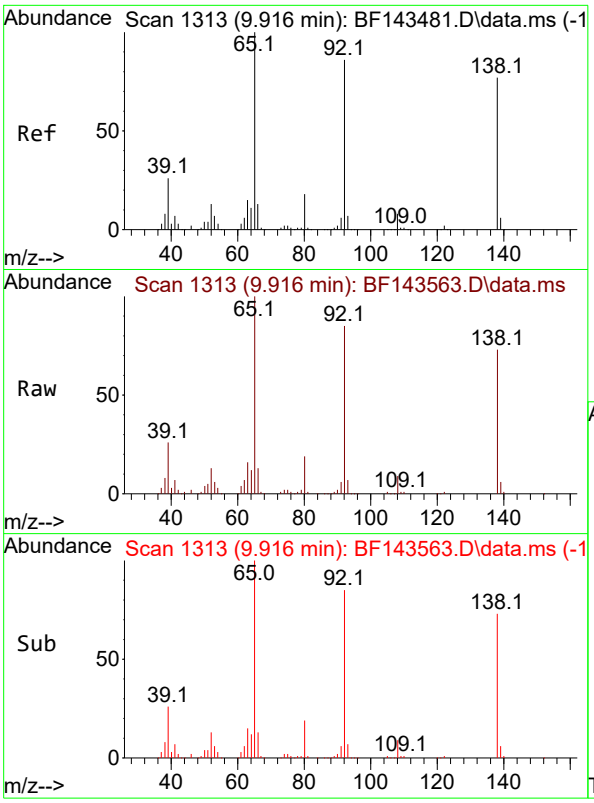


#52
Acenaphthene
Concen: 38.353 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



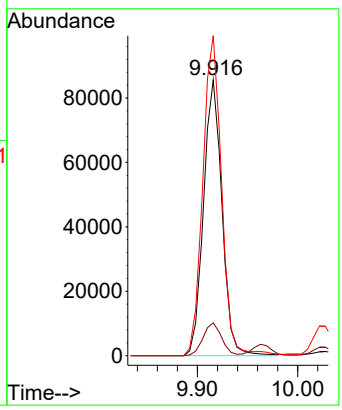


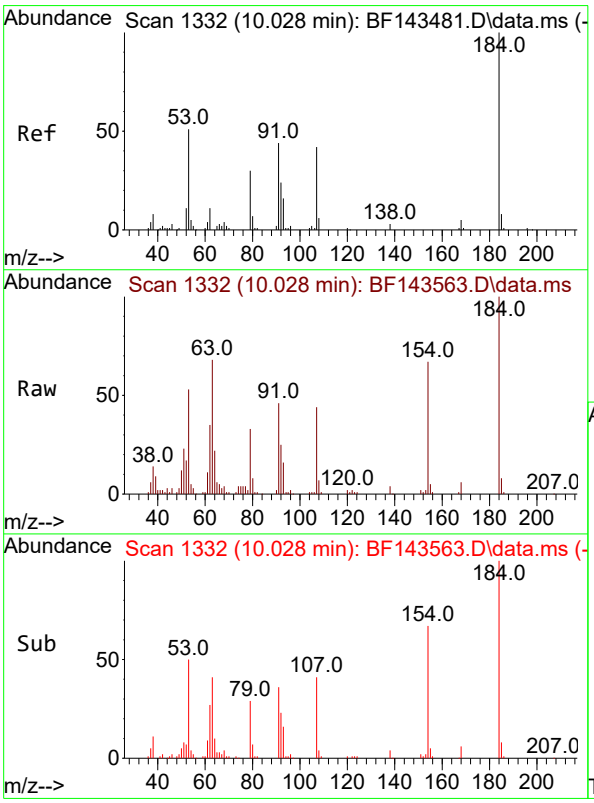
#53
3-Nitroaniline
Concen: 39.543 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

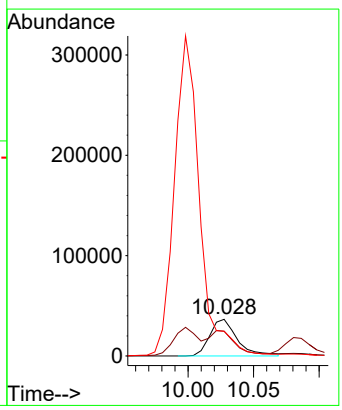


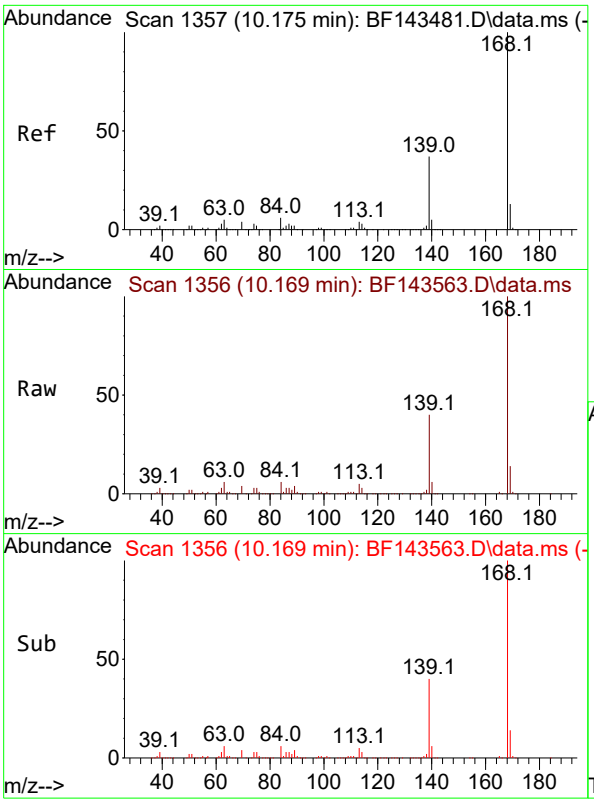


#54
2,4-Dinitrophenol
Concen: 41.606 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



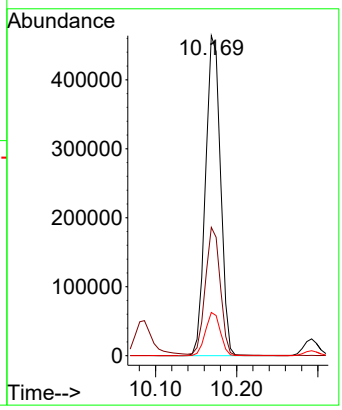


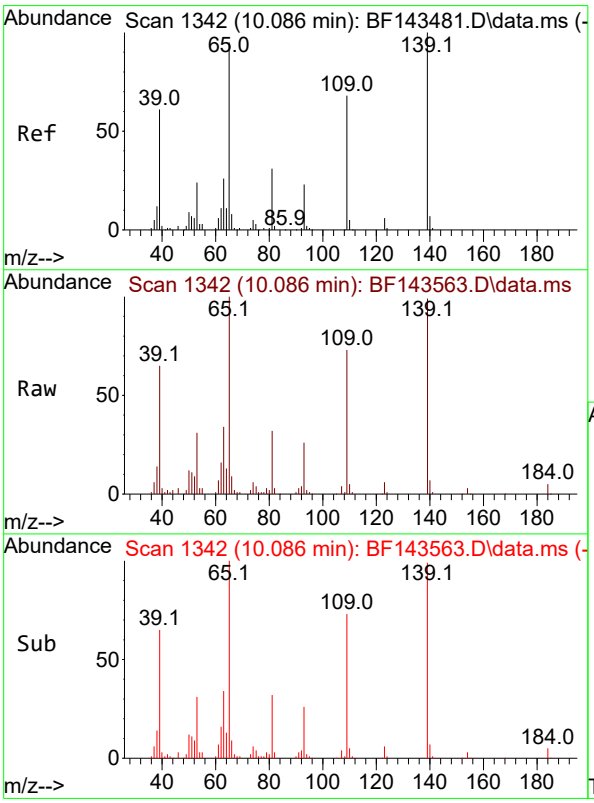
#55
Dibenzofuran
Concen: 37.307 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

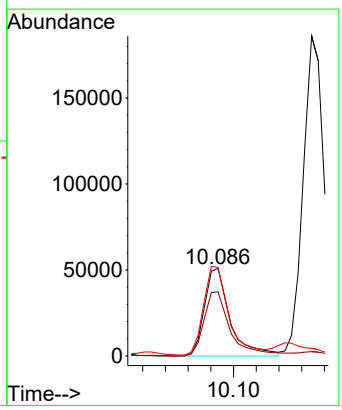


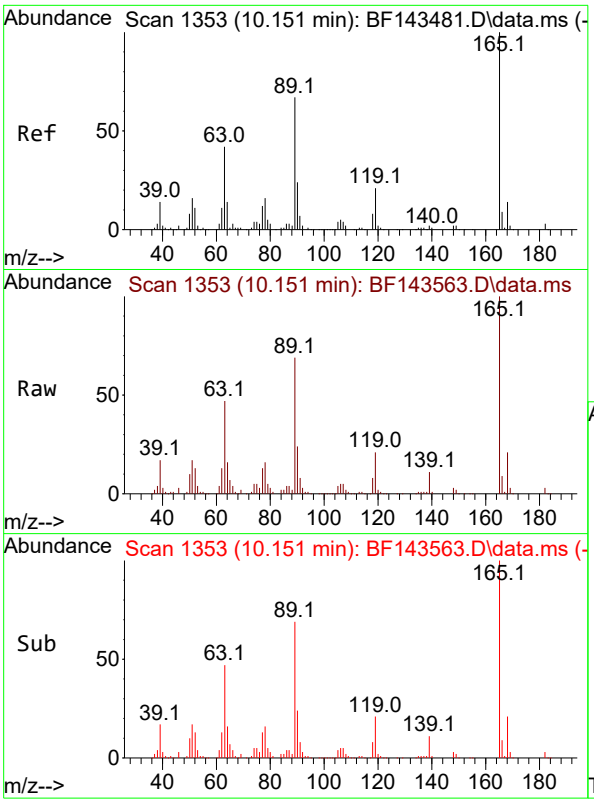


#56
4-Nitrophenol
Concen: 48.174 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



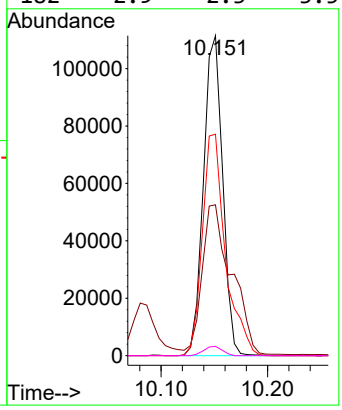


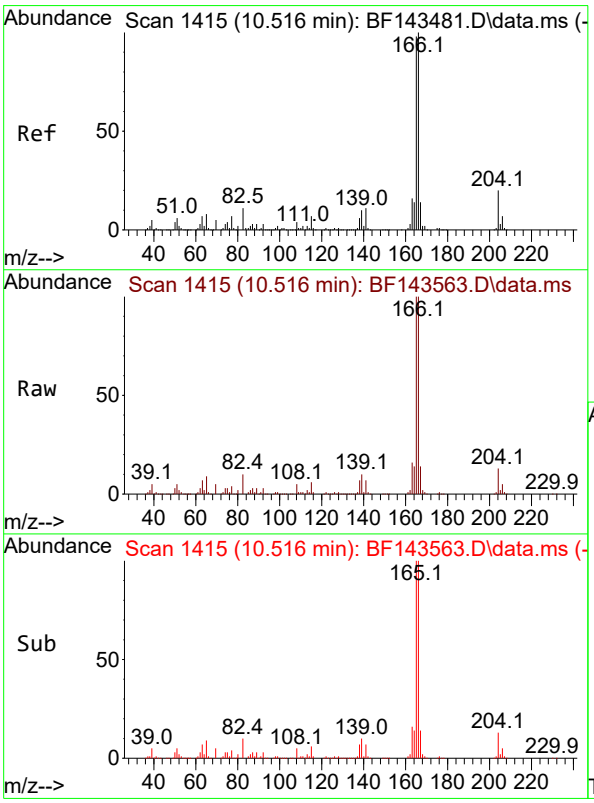
#57
2,4-Dinitrotoluene
Concen: 40.578 ng
RT: 10.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

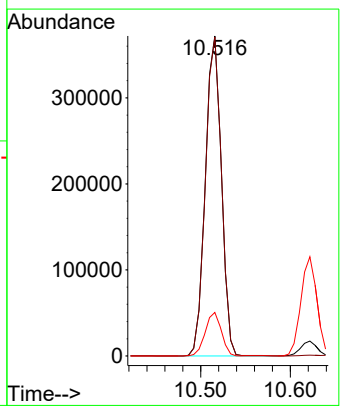


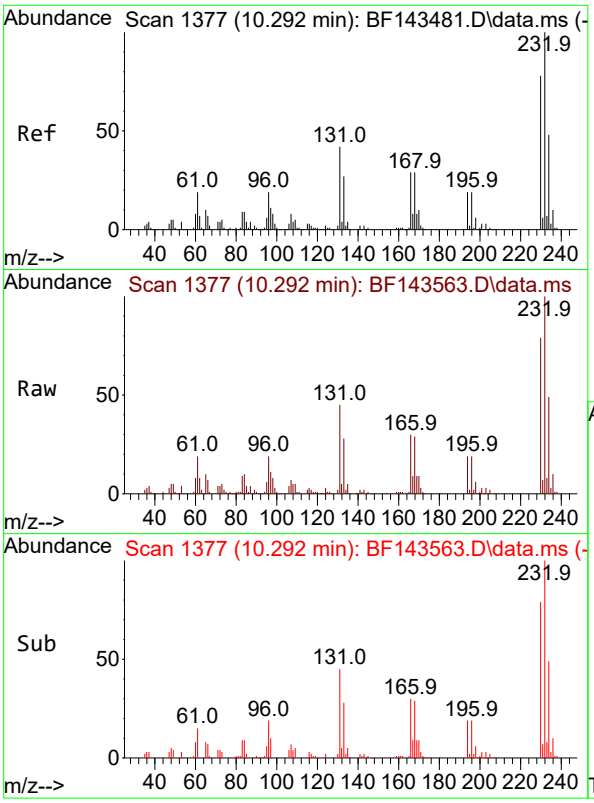


#58
Fluorene
Concen: 37.774 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



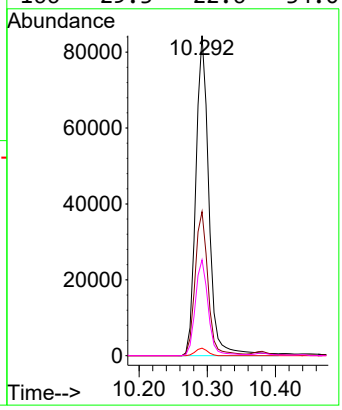


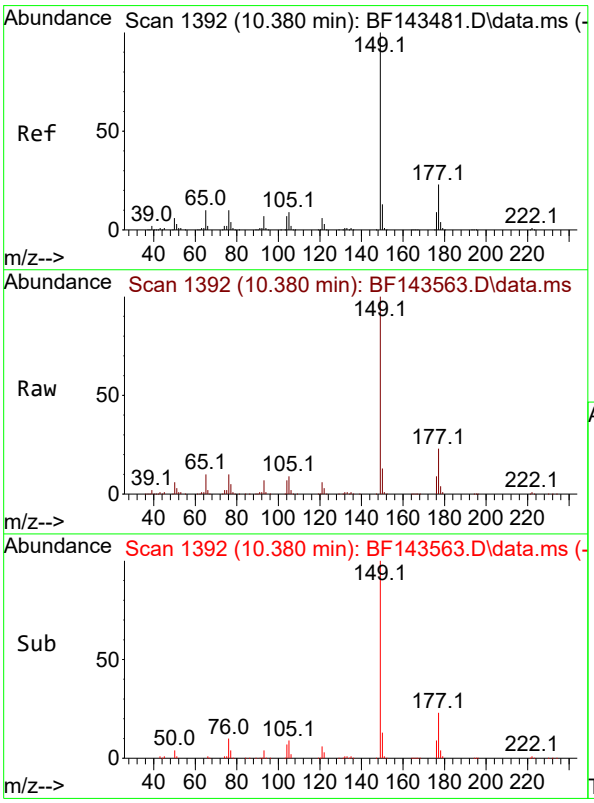
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.429 ng
RT: 10.292 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

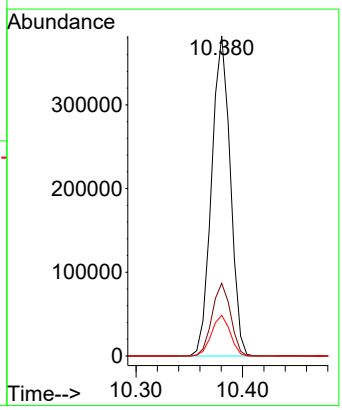


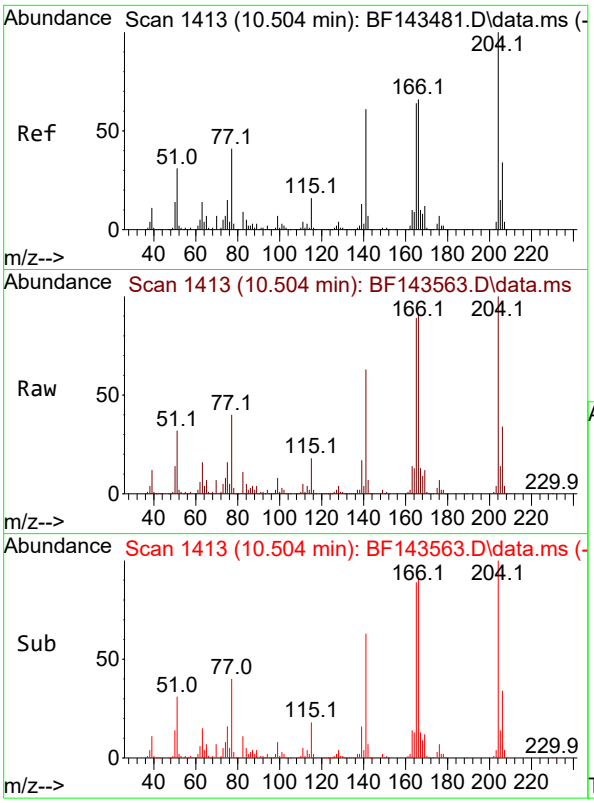


#60
Diethylphthalate
Concen: 41.829 ng
RT: 10.380 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



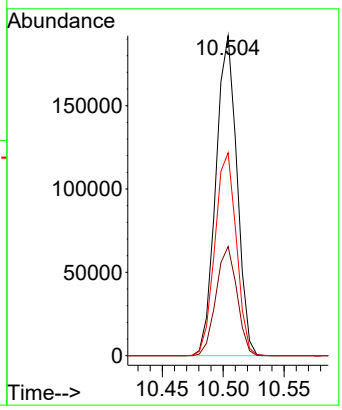


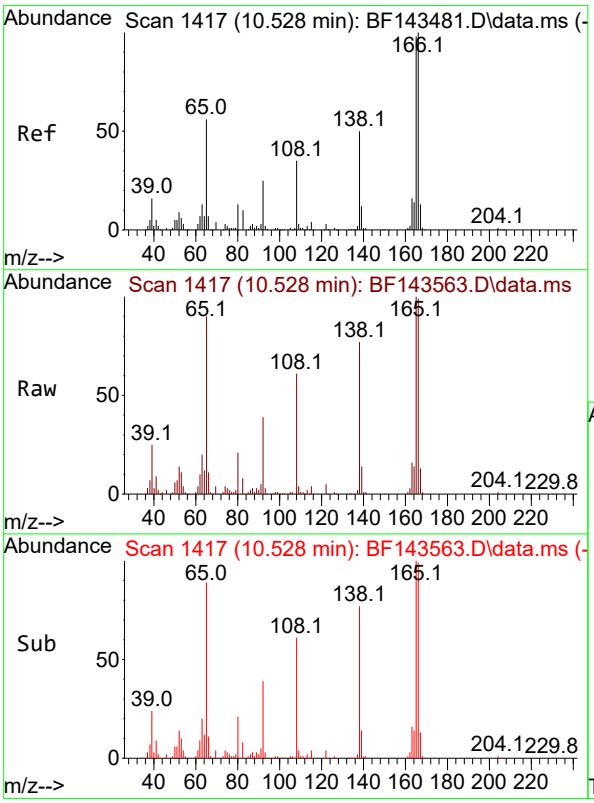
#61
4-Chlorophenyl-phenylether
Concen: 37.842 ng
RT: 10.504 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

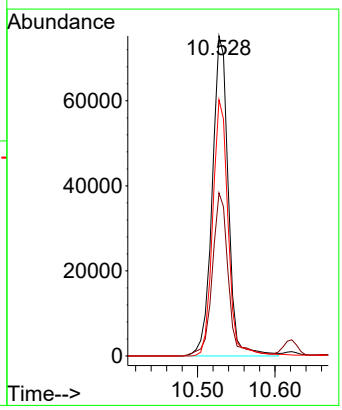


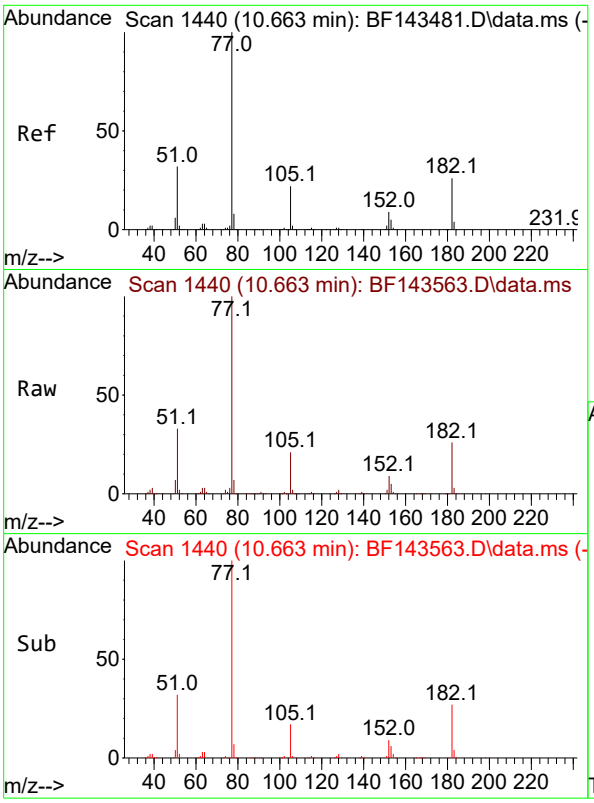


#62
4-Nitroaniline
Concen: 42.593 ng
RT: 10.528 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



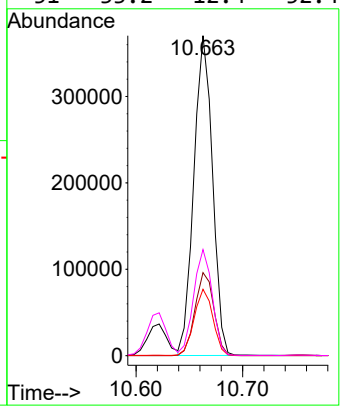


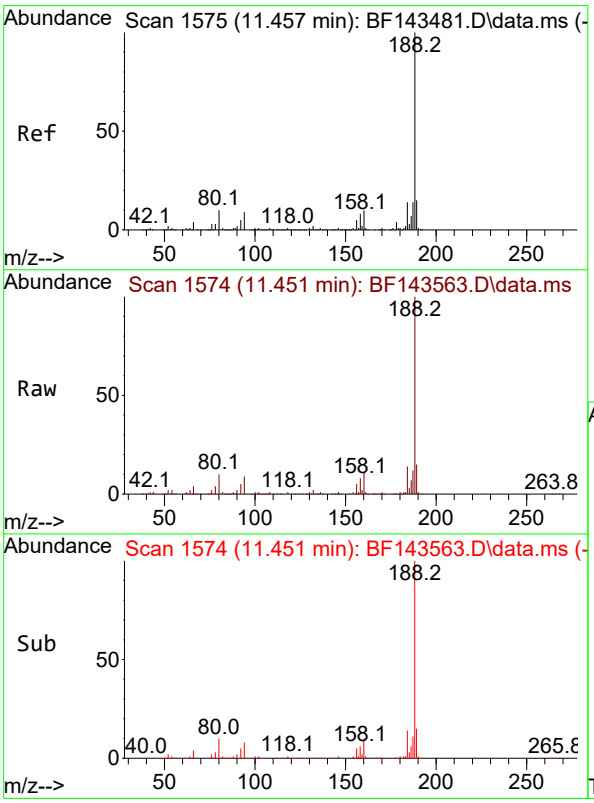
#63
Azobenzene
Concen: 39.156 ng
RT: 10.663 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

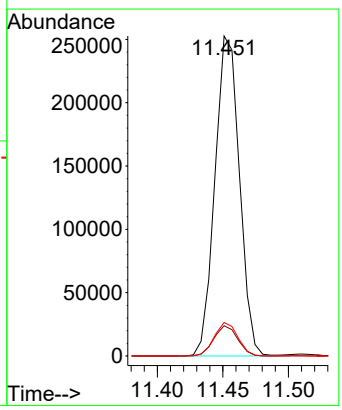


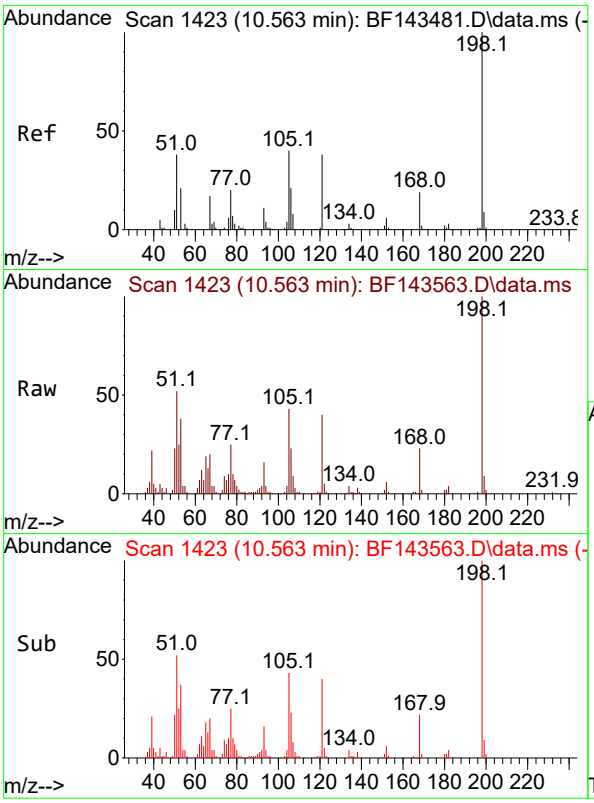


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



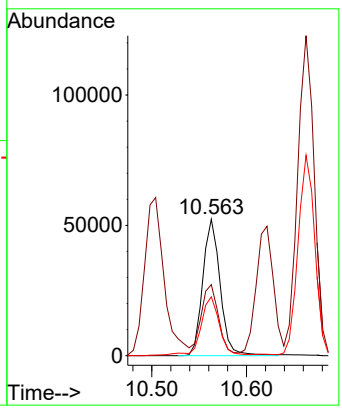


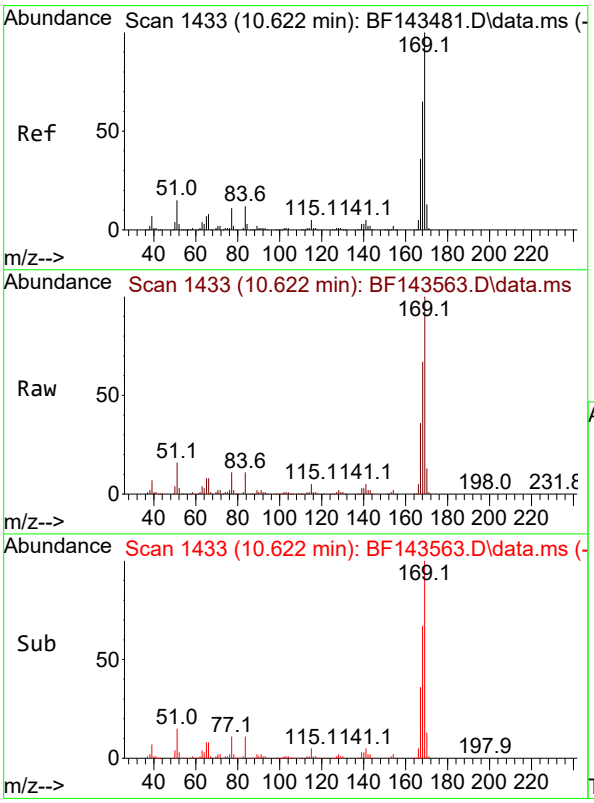
#65
4,6-Dinitro-2-methylphenol
Concen: 36.050 ng
RT: 10.563 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

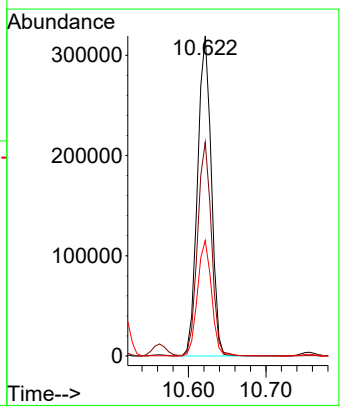


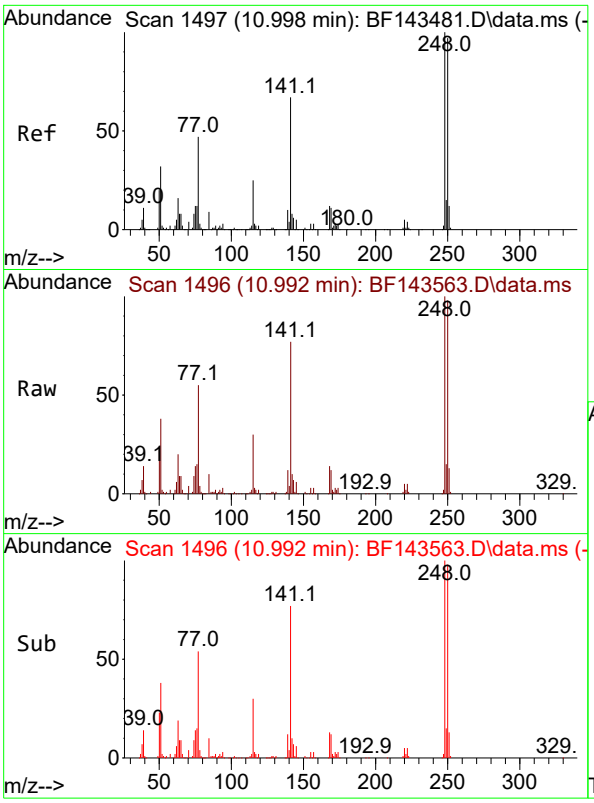


#66
n-Nitrosodiphenylamine
Concen: 37.253 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



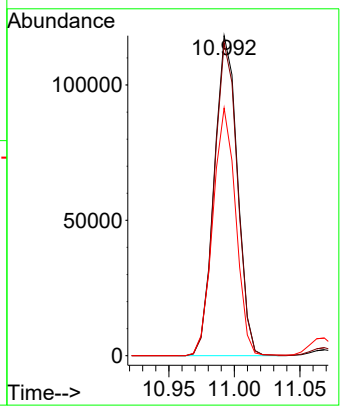


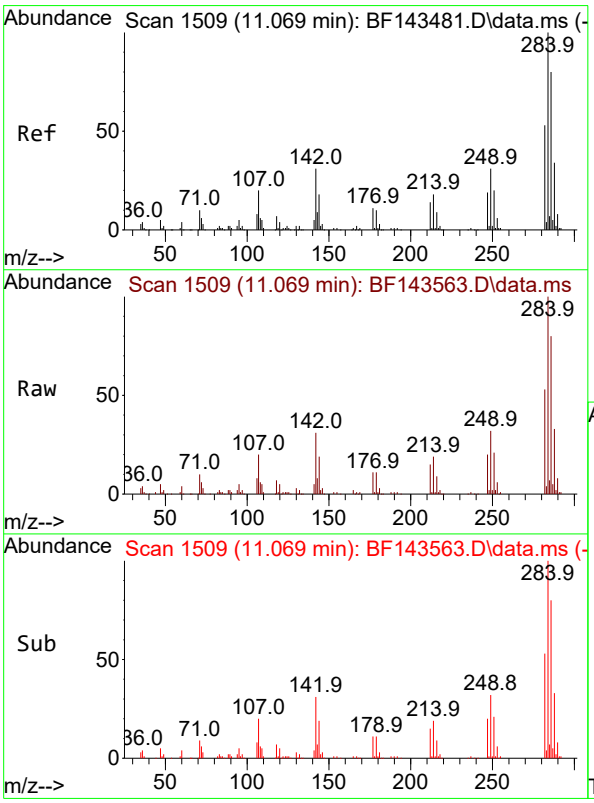
#67
4-Bromophenyl-phenylether
Concen: 37.205 ng
RT: 10.992 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

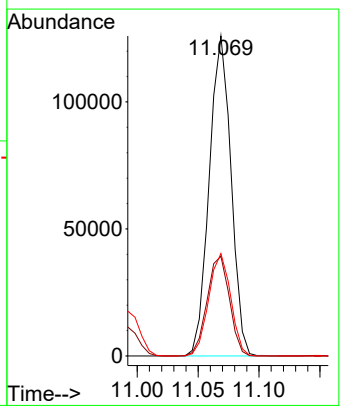


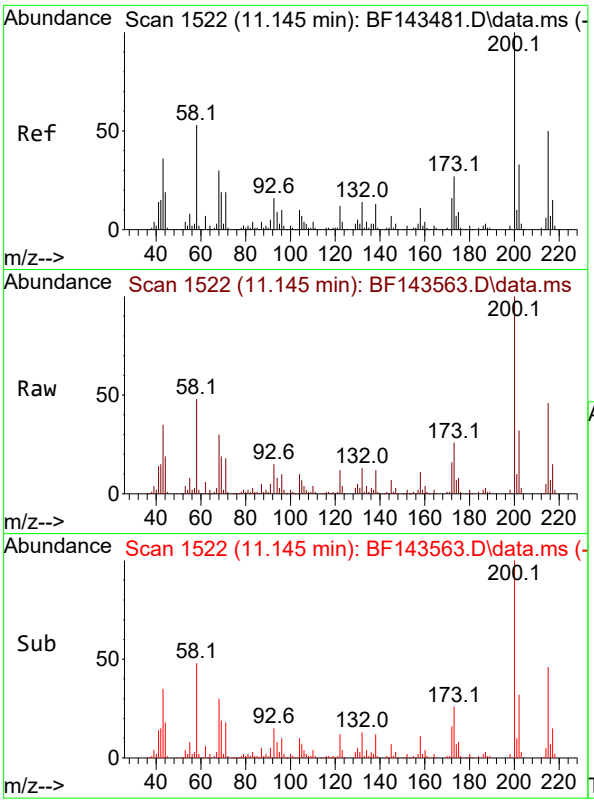


#68
Hexachlorobenzene
Concen: 37.098 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



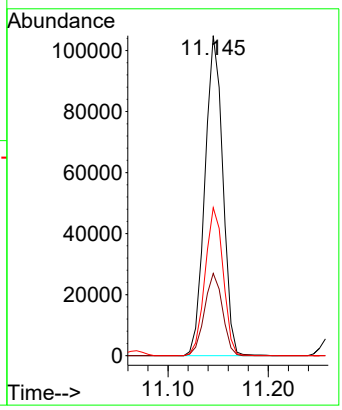


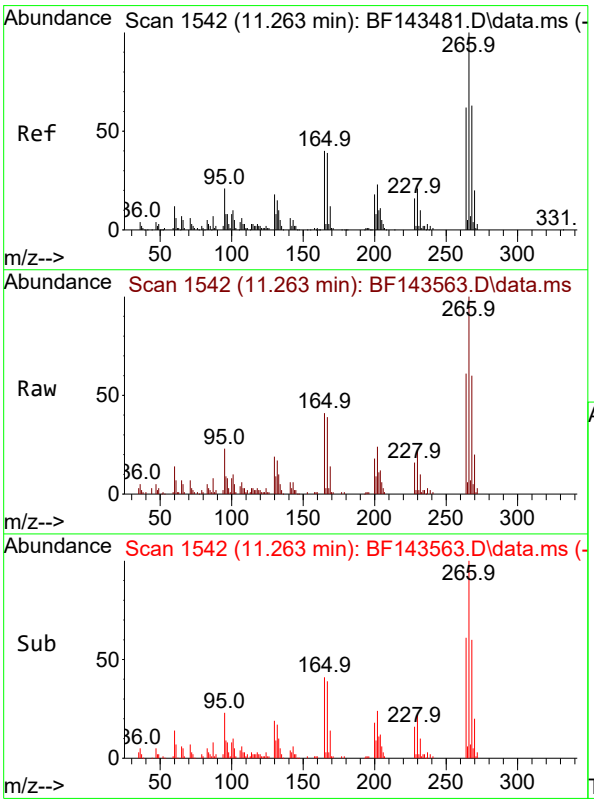
#69
Atrazine
Concen: 47.822 ng
RT: 11.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

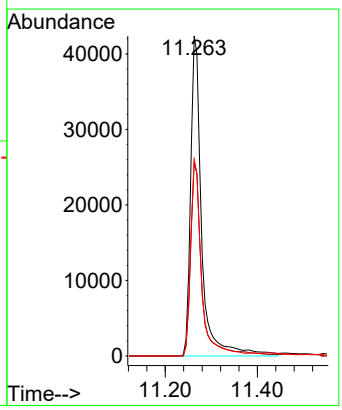


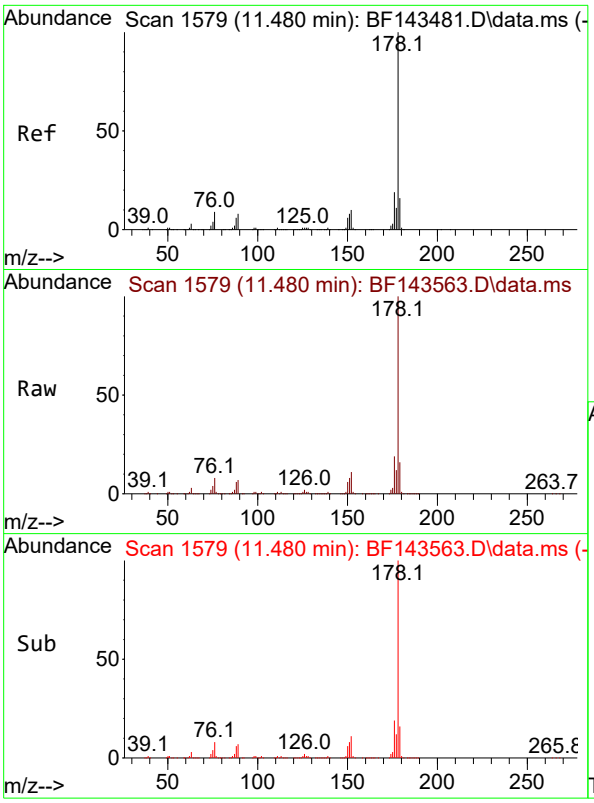


#70
Pentachlorophenol
Concen: 36.608 ng
RT: 11.263 min Scan# 1542
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



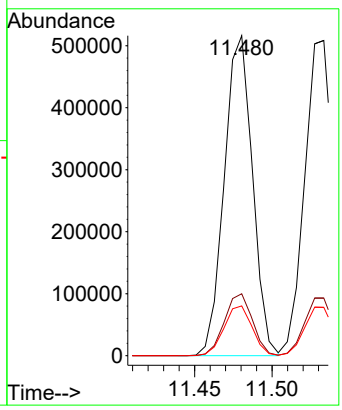


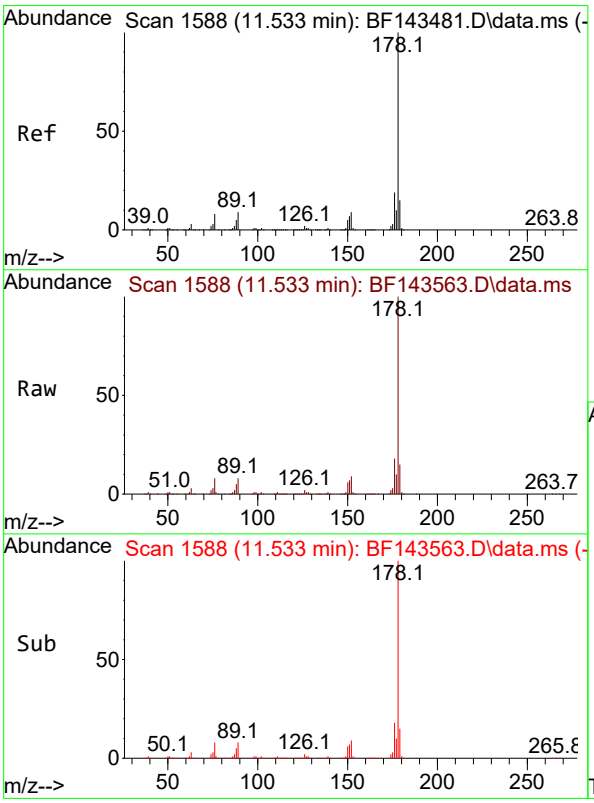
#71
Phenanthrene
Concen: 37.187 ng
RT: 11.480 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

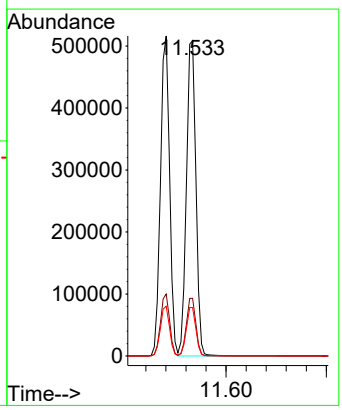


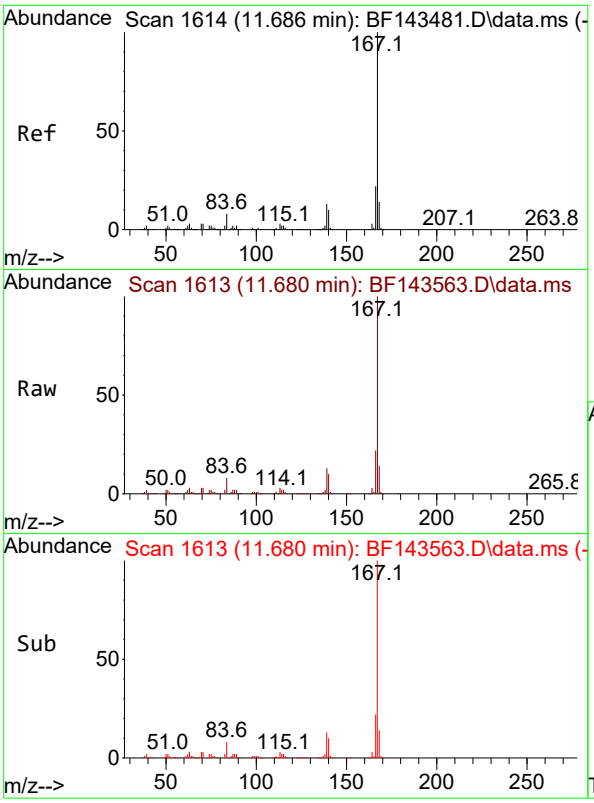


#72
Anthracene
Concen: 37.669 ng
RT: 11.533 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



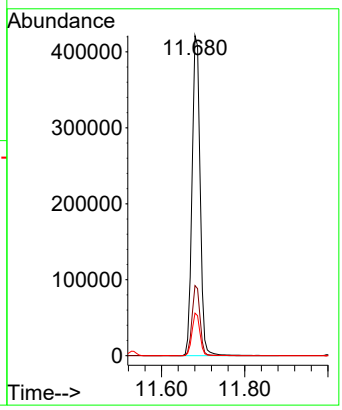


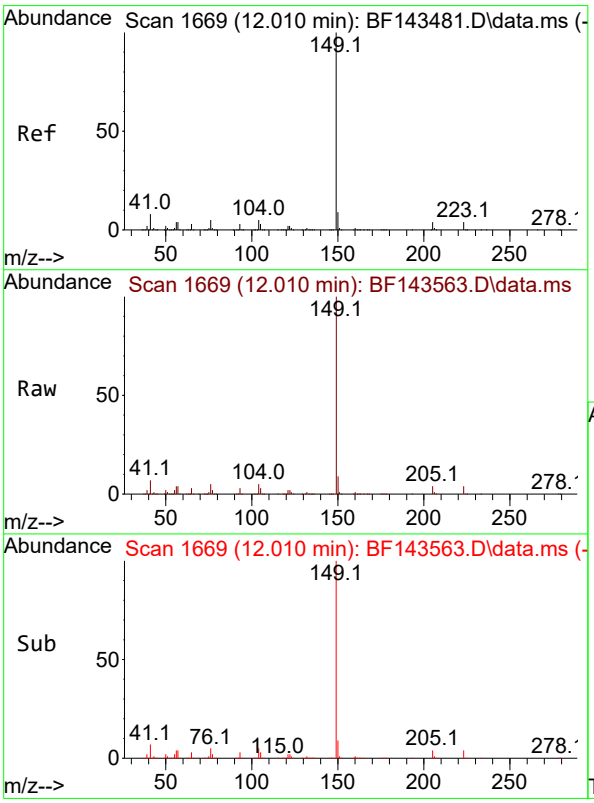
#73
Carbazole
Concen: 38.913 ng
RT: 11.680 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

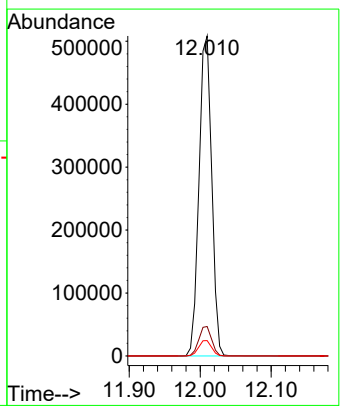


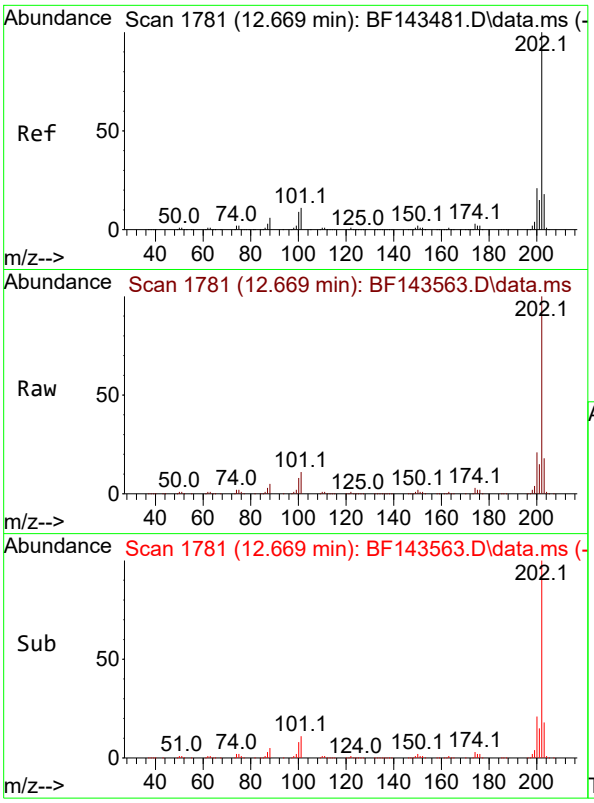


#74
Di-n-butylphthalate
Concen: 46.563 ng
RT: 12.010 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



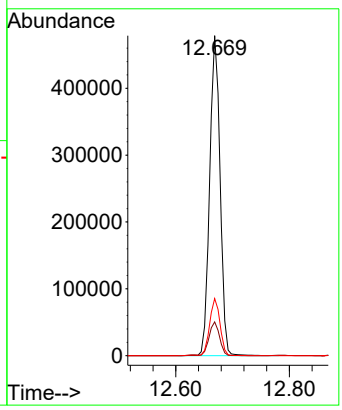


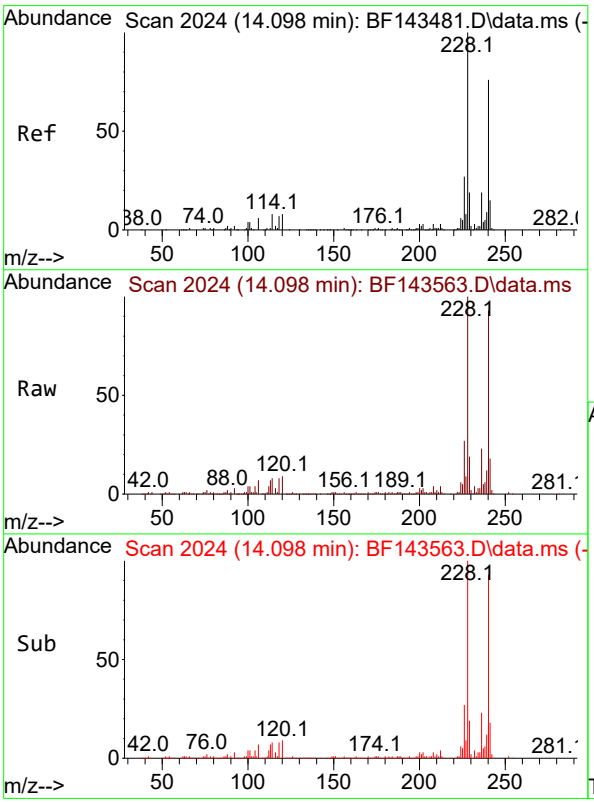
#75
Fluoranthene
Concen: 38.411 ng
RT: 12.669 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

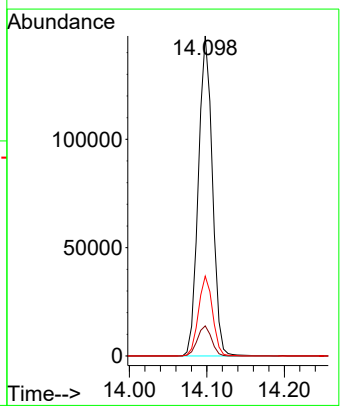


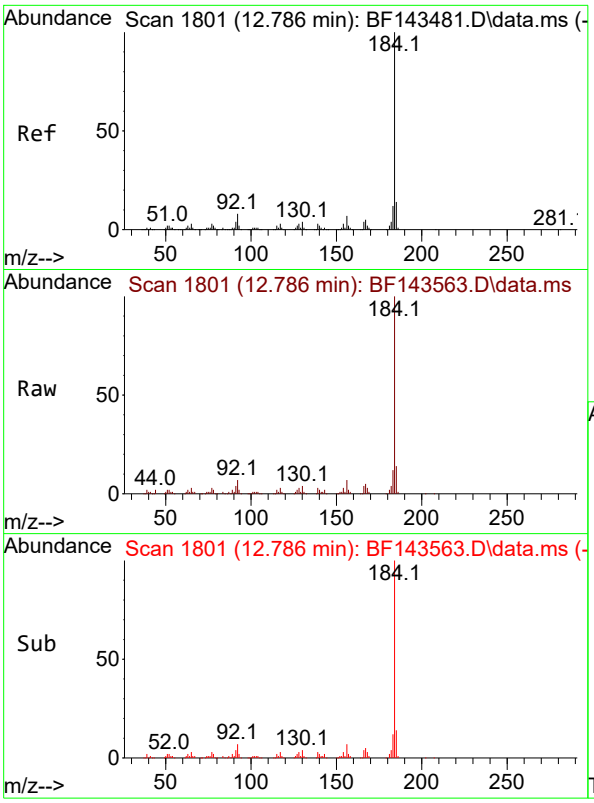


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



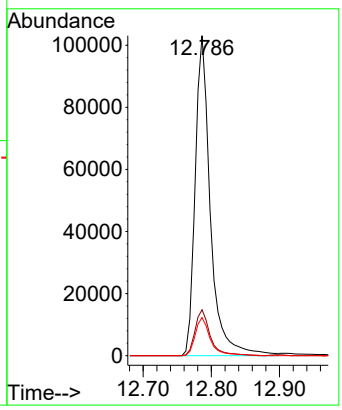


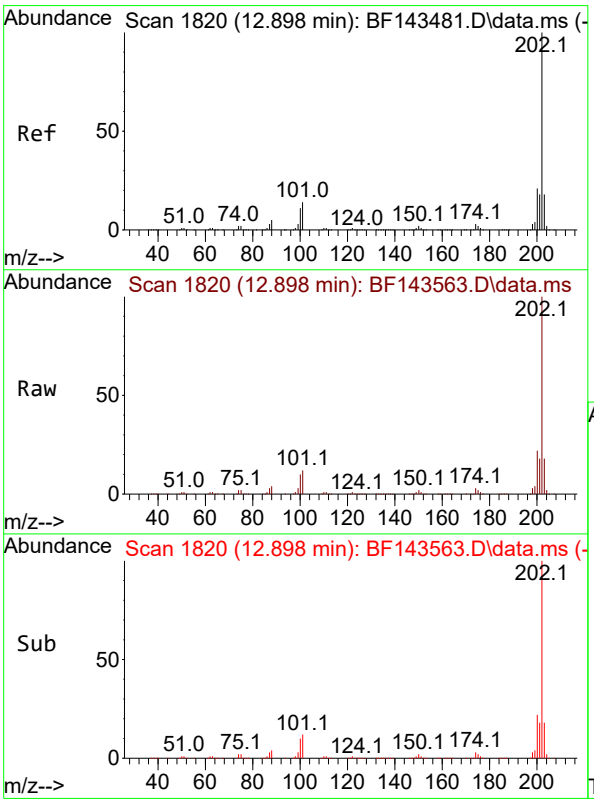
#77
Benzidine
Concen: 35.180 ng
RT: 12.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

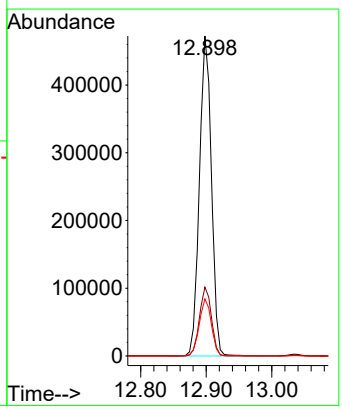


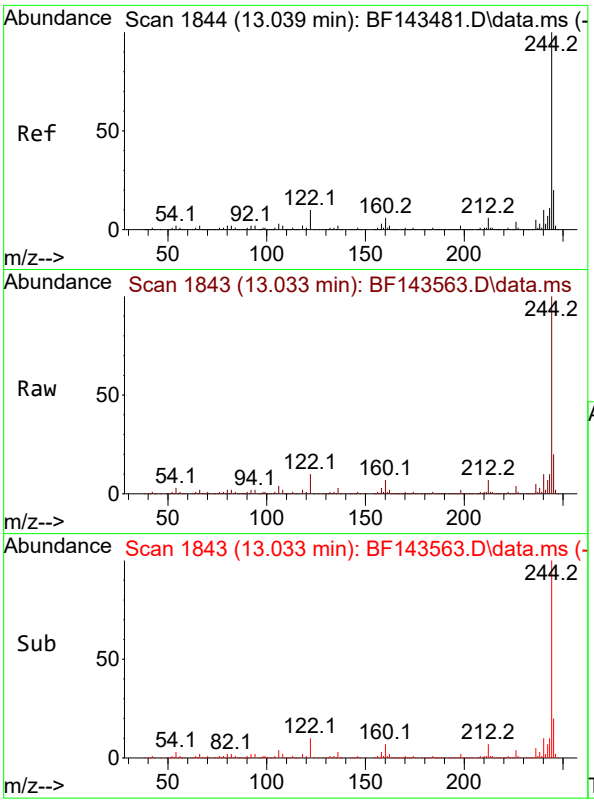


#78
Pyrene
Concen: 39.494 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



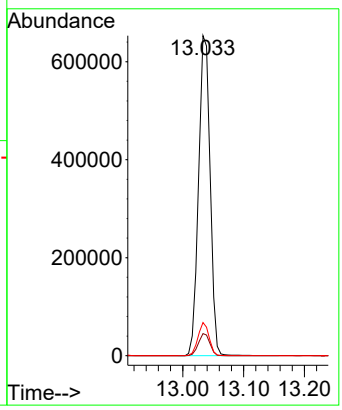


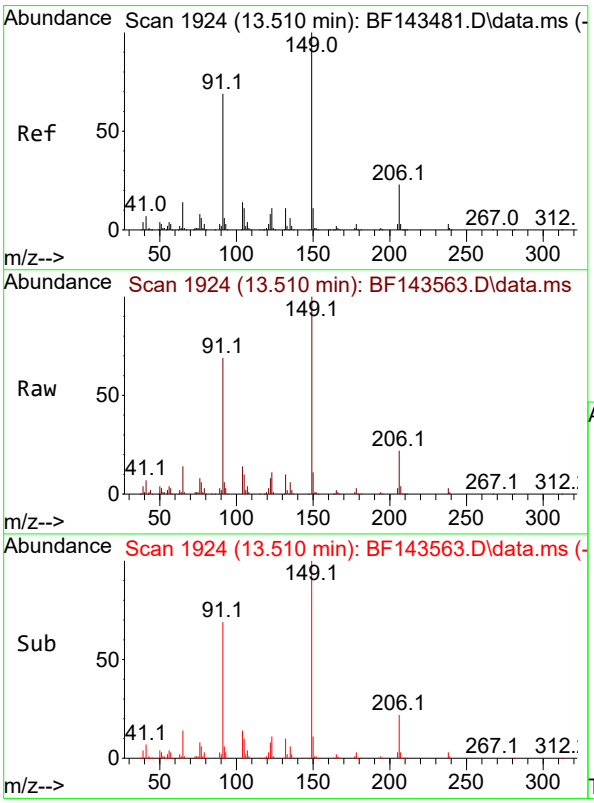
#79
Terphenyl-d14
Concen: 81.092 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

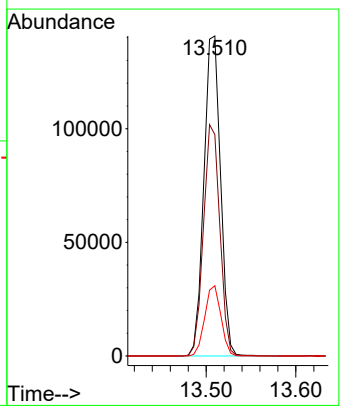


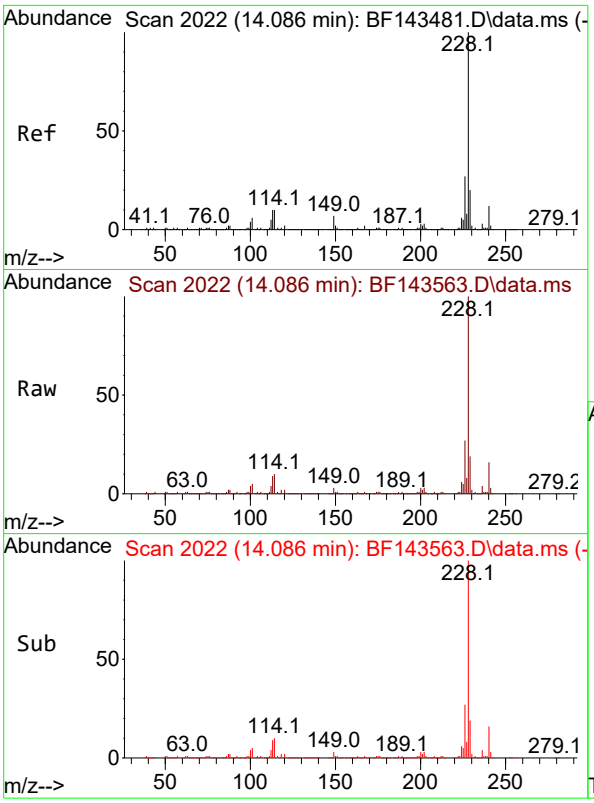


#80
Butylbenzylphthalate
Concen: 43.441 ng
RT: 13.510 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



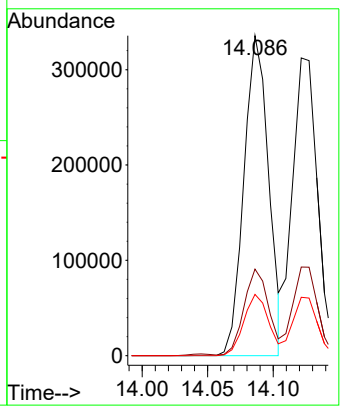


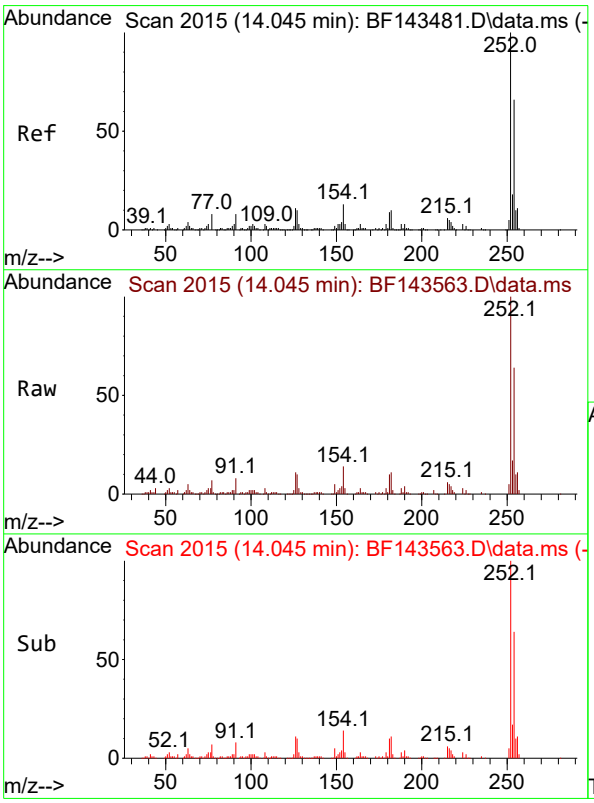
#81
Benzo(a)anthracene
Concen: 36.769 ng
RT: 14.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

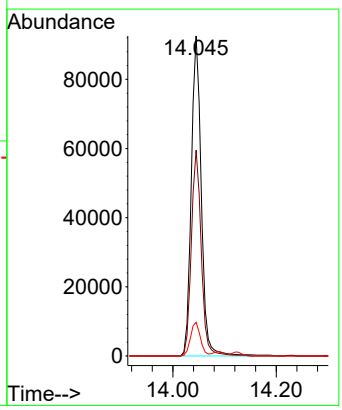


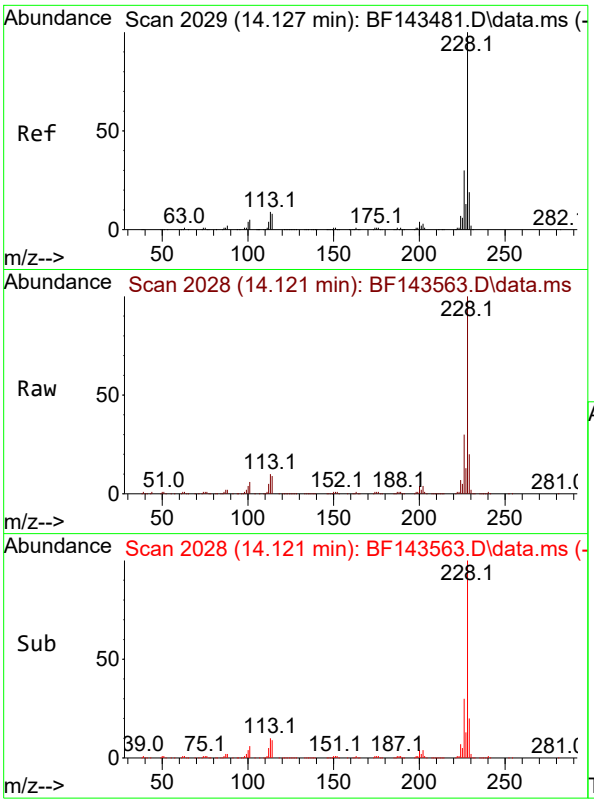


#82
3,3'-Dichlorobenzidine
Concen: 36.306 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



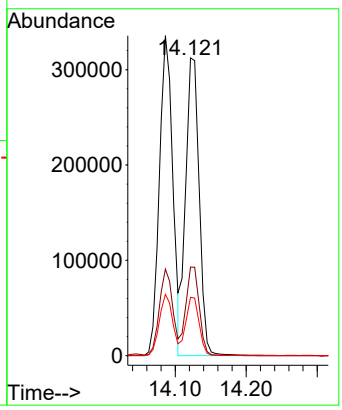


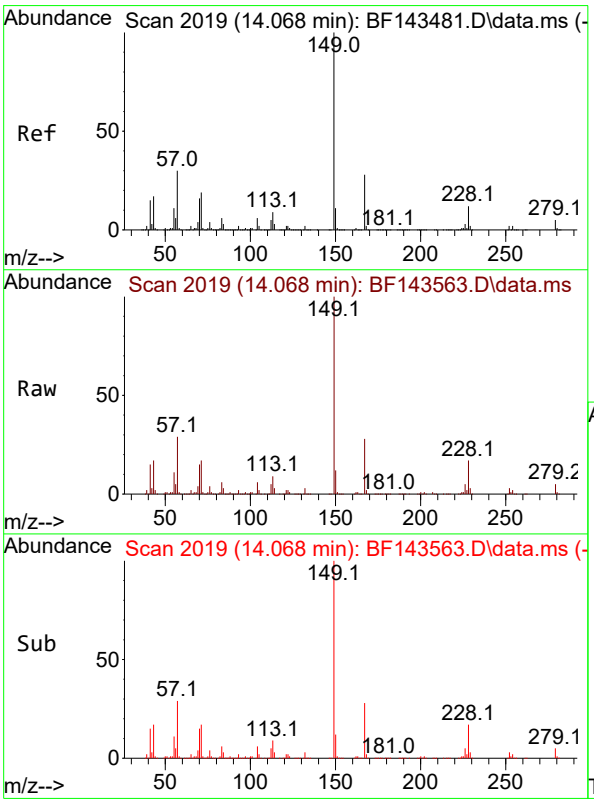
#83
Chrysene
Concen: 38.647 ng
RT: 14.121 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

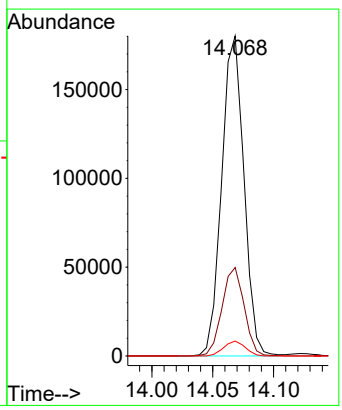


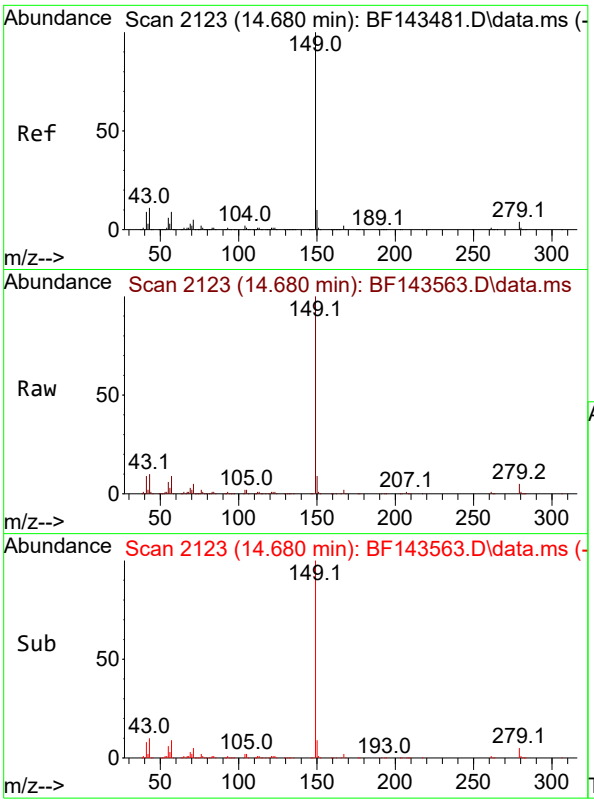


#84
Bis(2-ethylhexyl)phthalate
Concen: 36.057 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



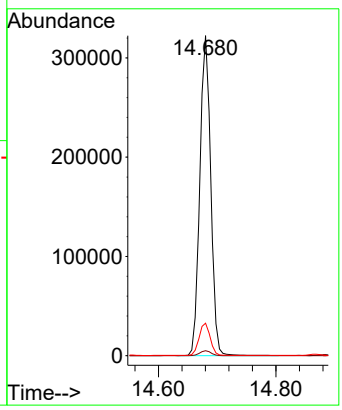


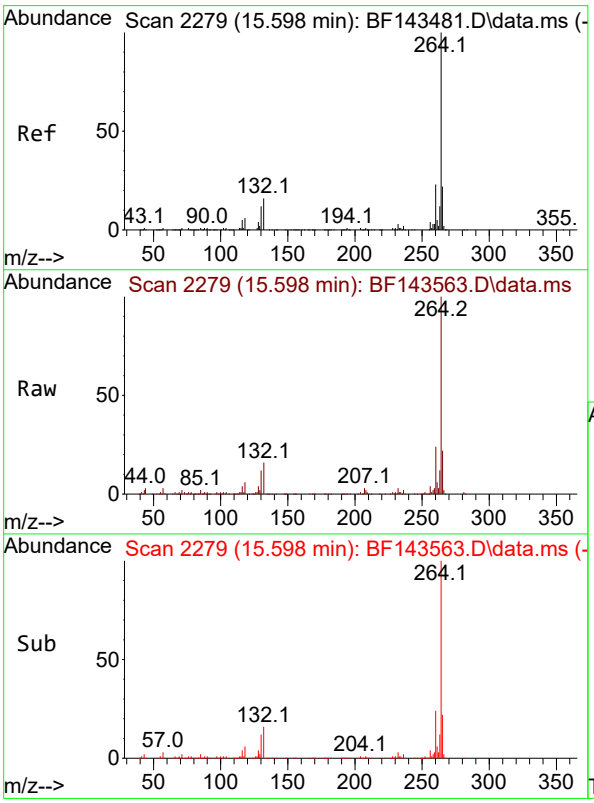
#85
Di-n-octyl phthalate
Concen: 35.168 ng
RT: 14.680 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

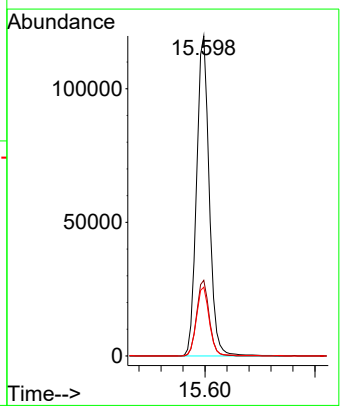


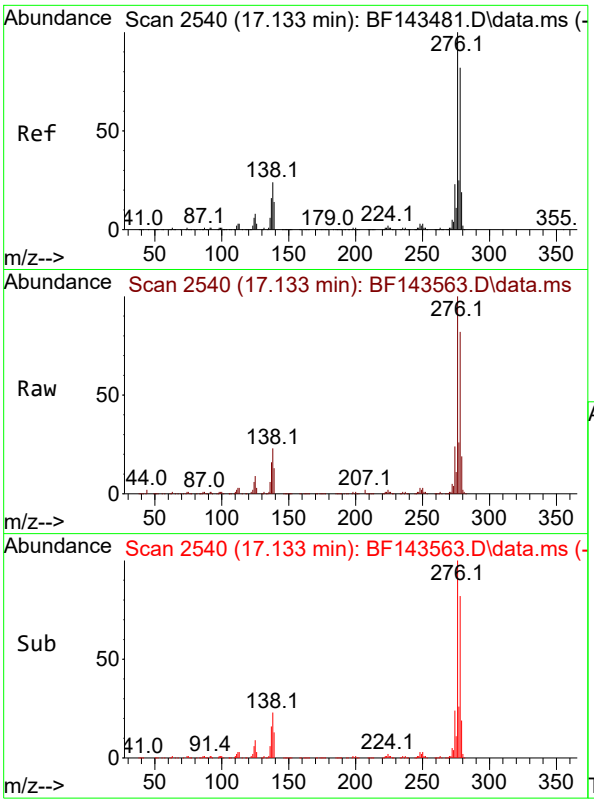


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



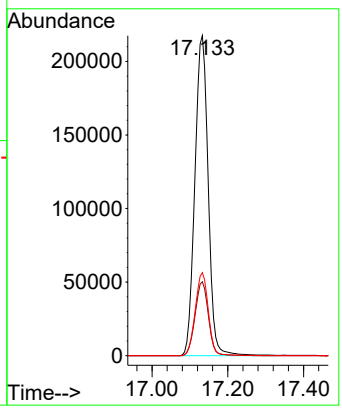


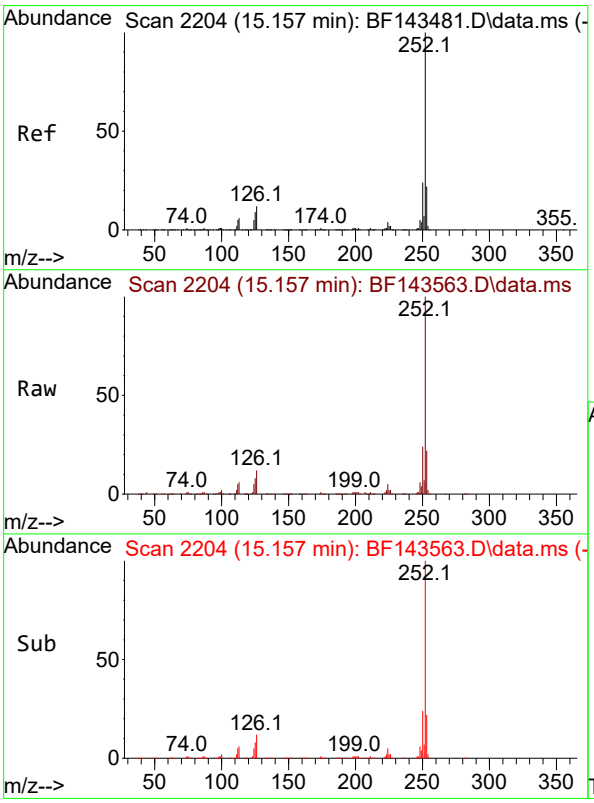
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.705 ng
RT: 17.133 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

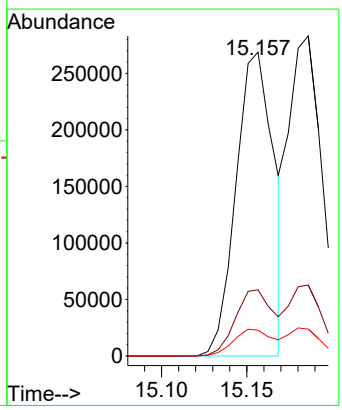


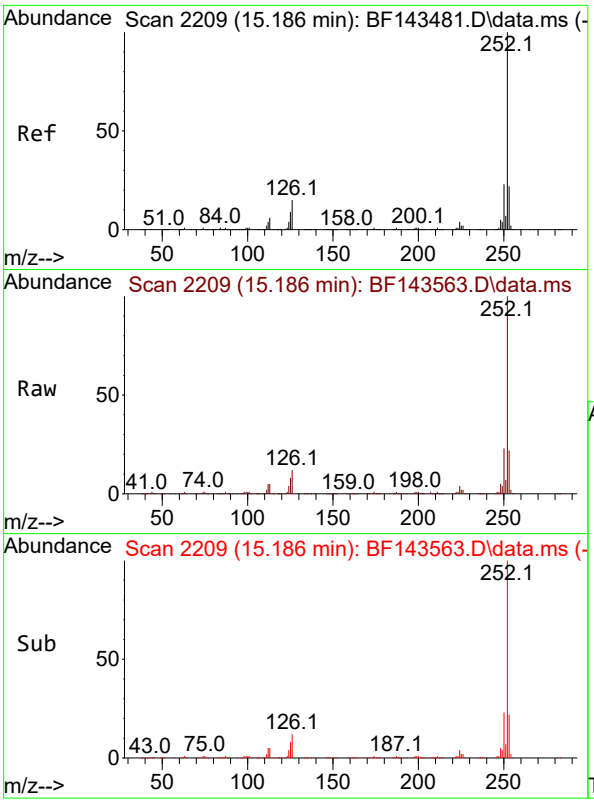


#88
Benzo(b)fluoranthene
Concen: 38.798 ng
RT: 15.157 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



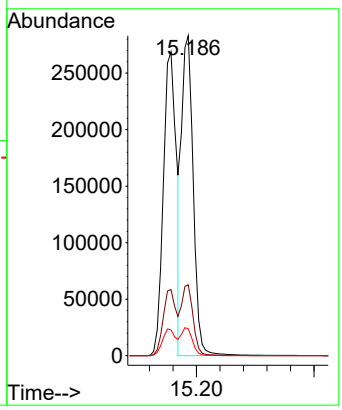


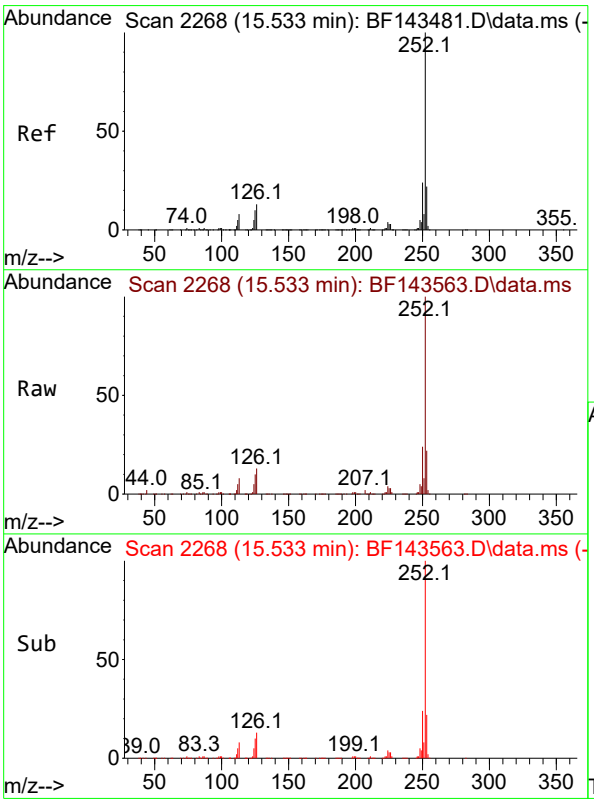
#89
Benzo(k)fluoranthene
Concen: 38.482 ng
RT: 15.186 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

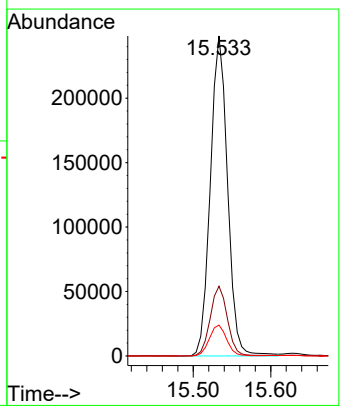


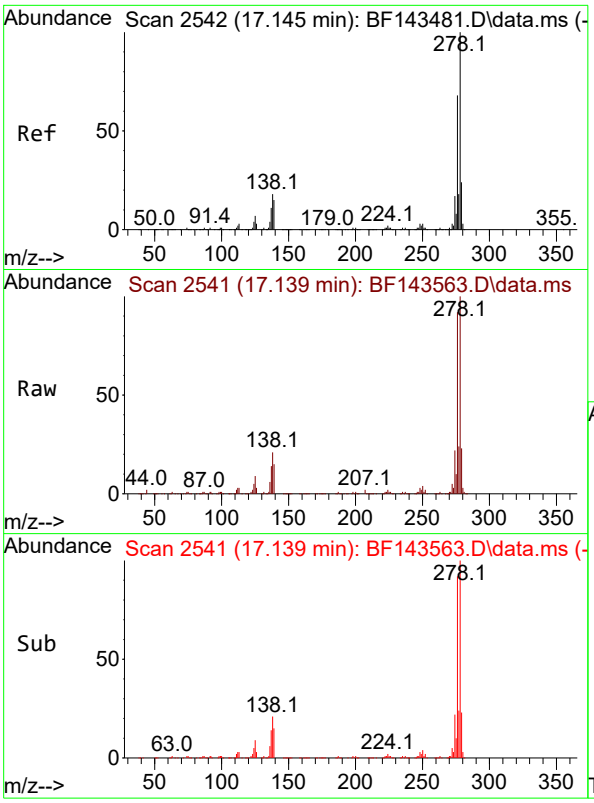


#90
Benzo(a)pyrene
Concen: 38.751 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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



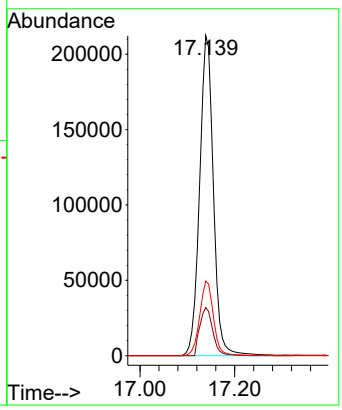


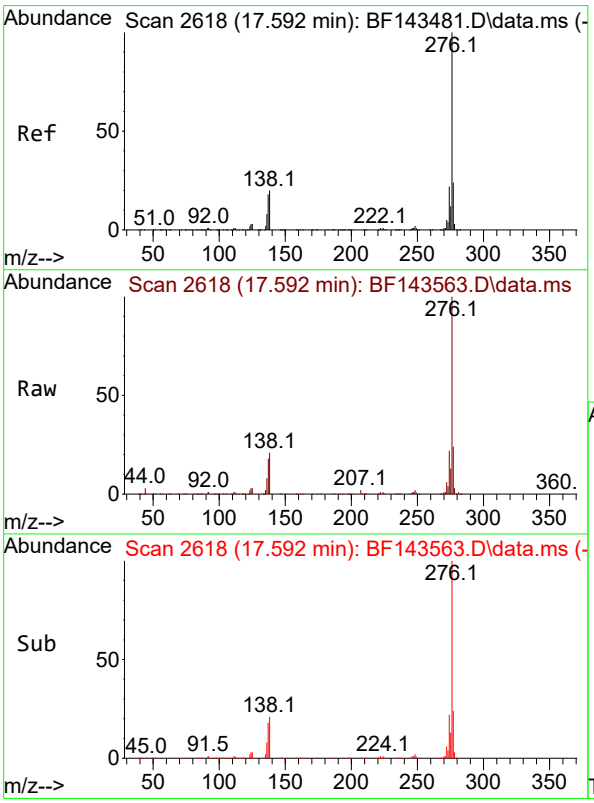
#91
Dibenzo(a,h)anthracene
Concen: 38.950 ng
RT: 17.139 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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

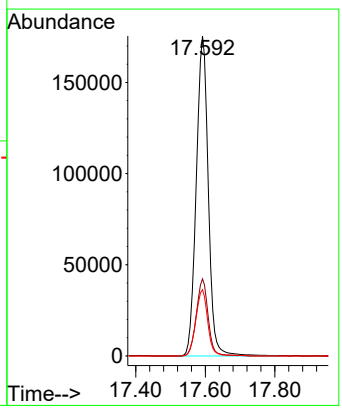




#92
Benzo(g,h,i)perylene
Concen: 38.561 ng
RT: 17.592 min Scan# 2618
Delta R.T. -0.012 min
Lab File: BF143563.D
Acq: 22 Aug 2025 10:29

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
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)
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

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)

(#) = 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.: Q2903

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	

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.: Q2903

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.

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

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)
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

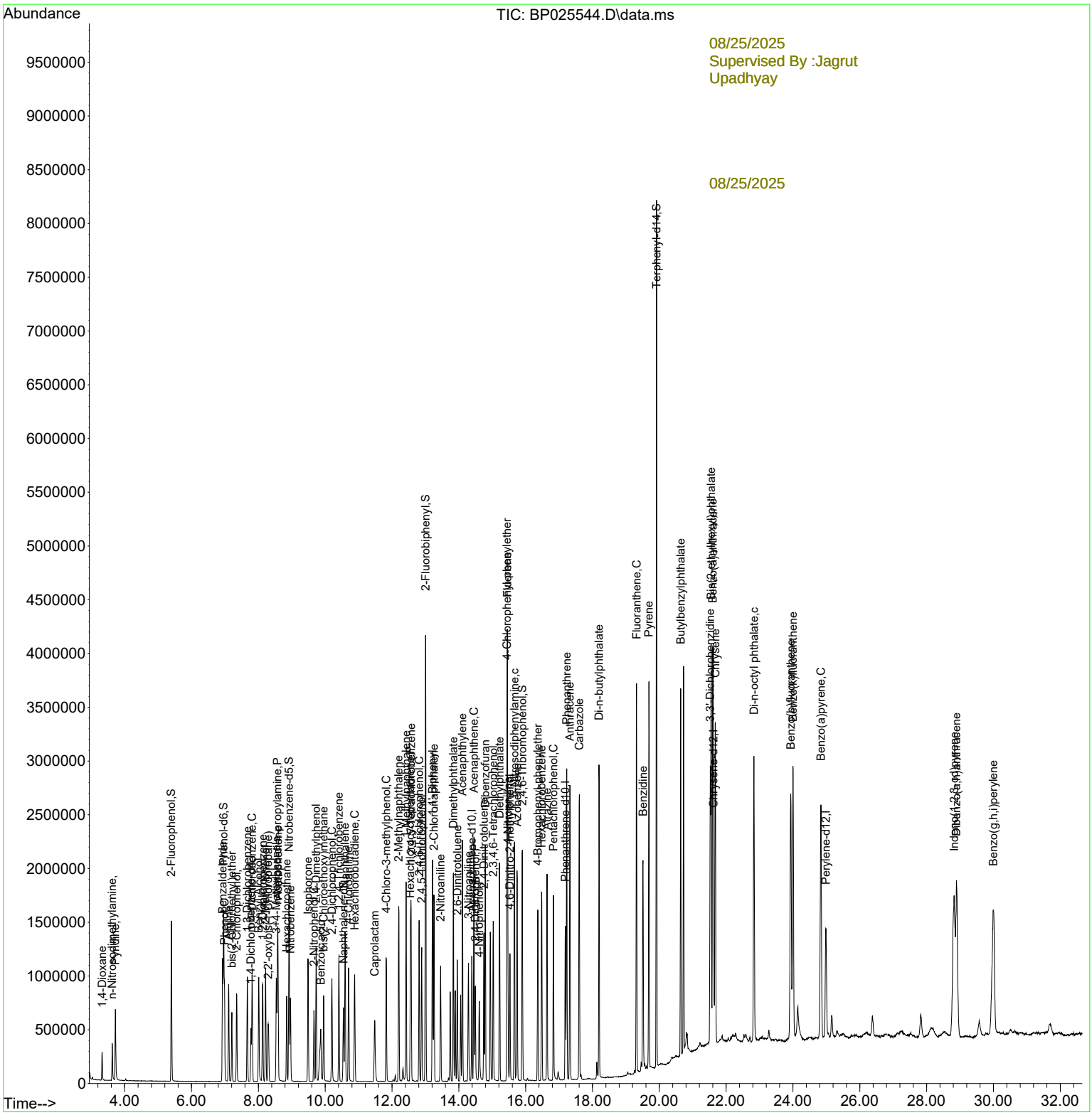
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Data File : BP025544.D
Acq On : 22 Aug 2025 10:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

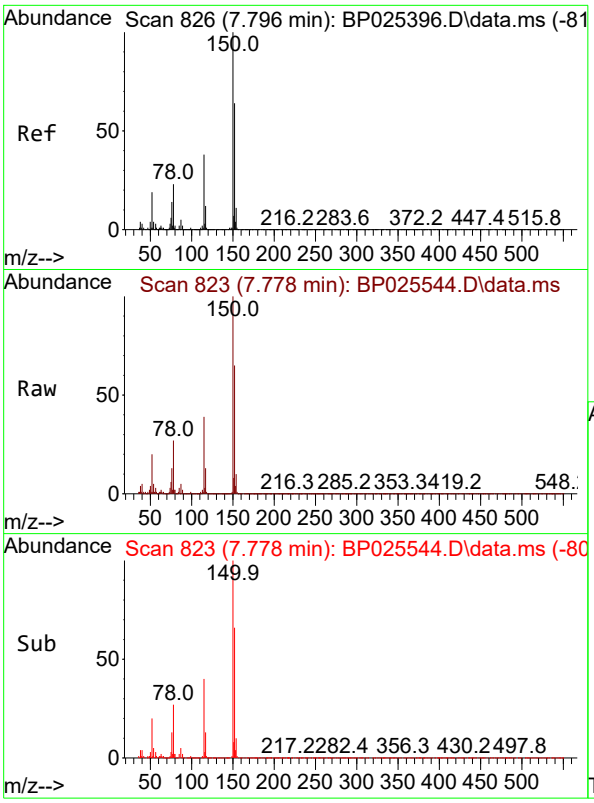
Quant Time: Aug 22 15:31:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

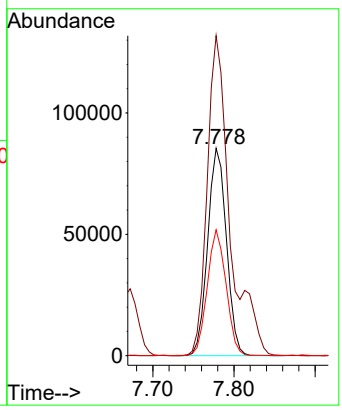




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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



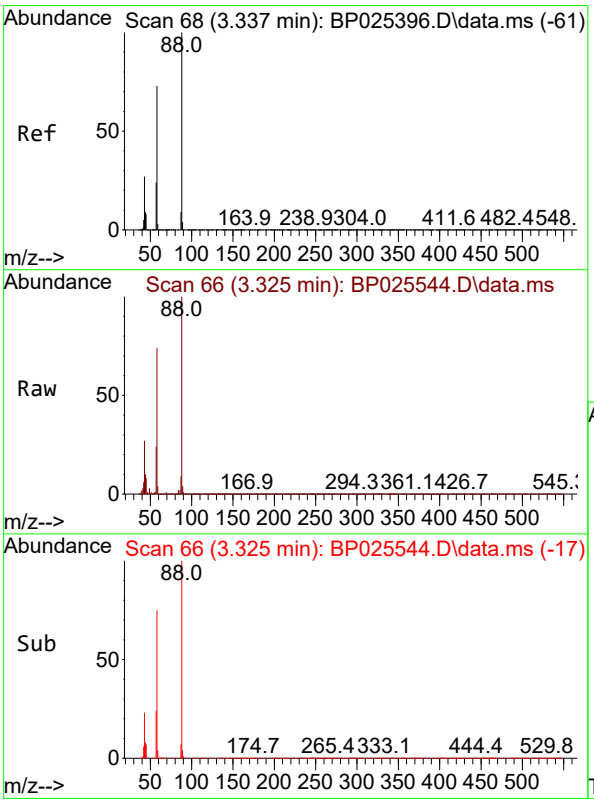
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

08/25/2025
Supervised By :Jagrut Upadhyay

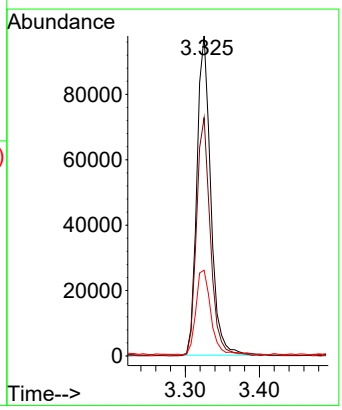
08/25/2025

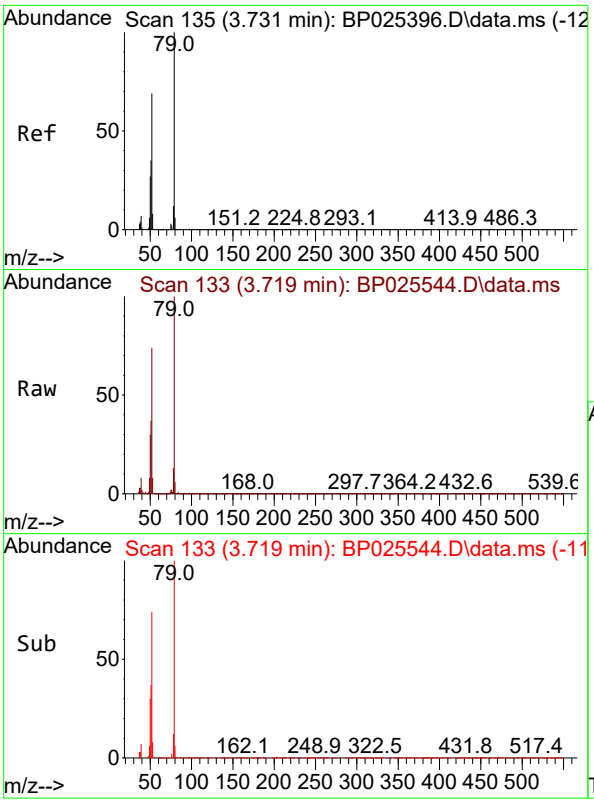


#2
1,4-Dioxane
Concen: 39.123 ng
RT: 3.325 min Scan# 66
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

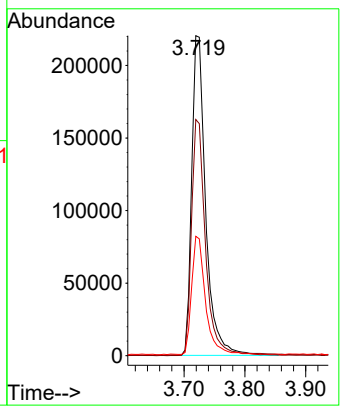




#3
Pyridine
Concen: 39.803 ng
RT: 3.719 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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 :
SSTDCCC040

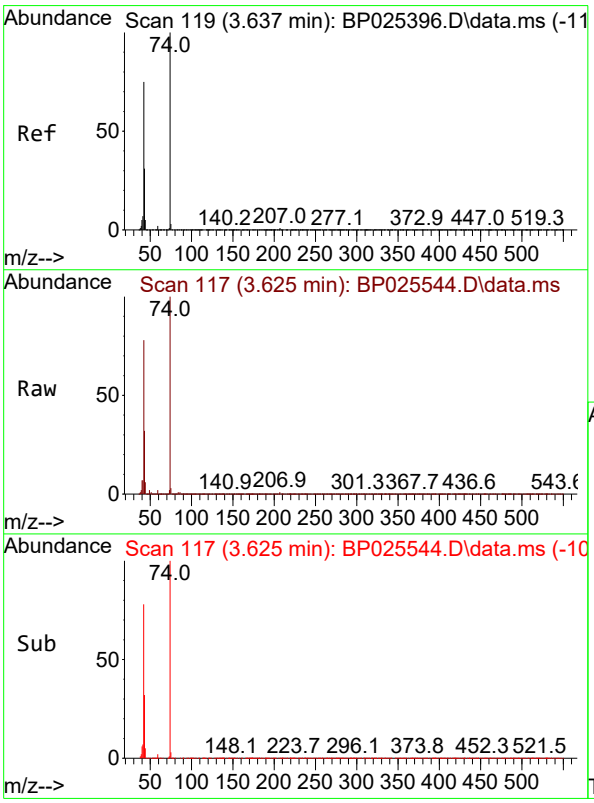
Manual Integrations APPROVED

Reviewed By :Rahul Chavli

08/25/2025

Supervised By :Jagrut Upadhyay

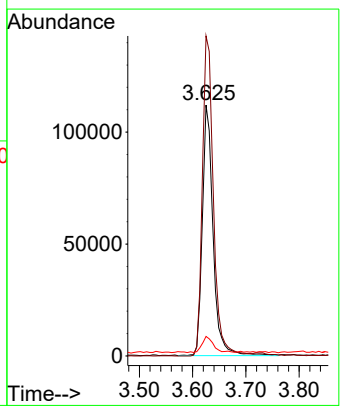
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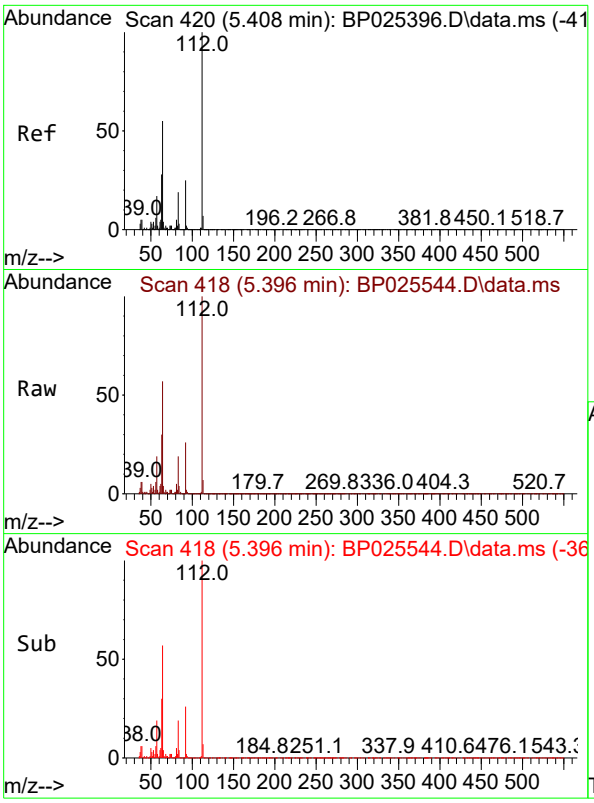


#4
n-Nitrosodimethylamine
Concen: 42.925 ng
RT: 3.625 min Scan# 117
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

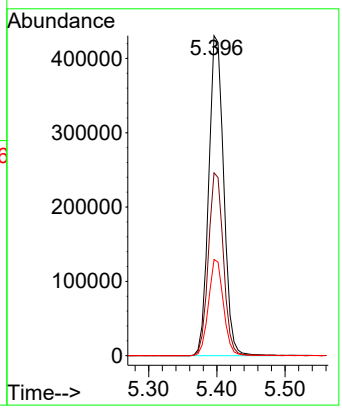




#5
2-Fluorophenol
Concen: 79.778 ng
RT: 5.396 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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



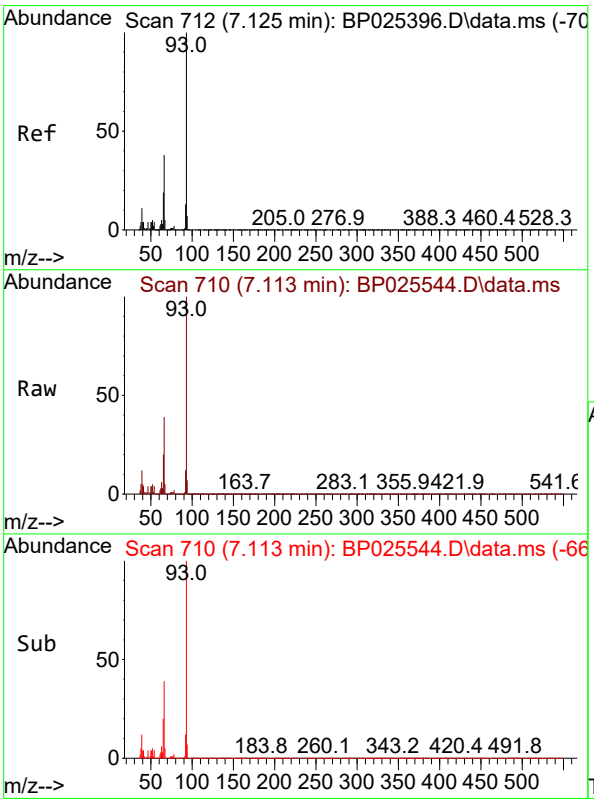
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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Supervised By :Jagrut Upadhyay

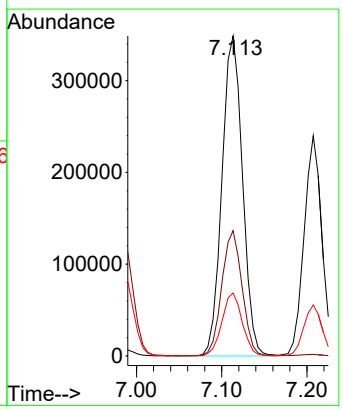
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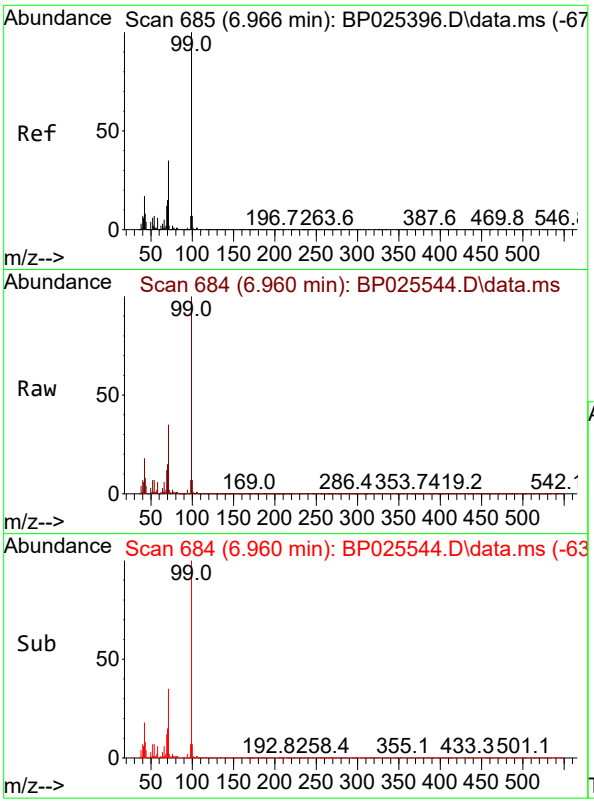


#6
Aniline
Concen: 40.982 ng
RT: 7.113 min Scan# 710
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

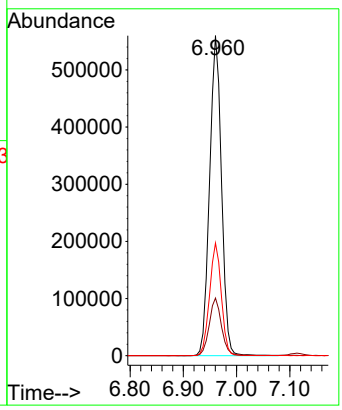




#7
Phenol-d6
Concen: 82.181 ng
RT: 6.960 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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



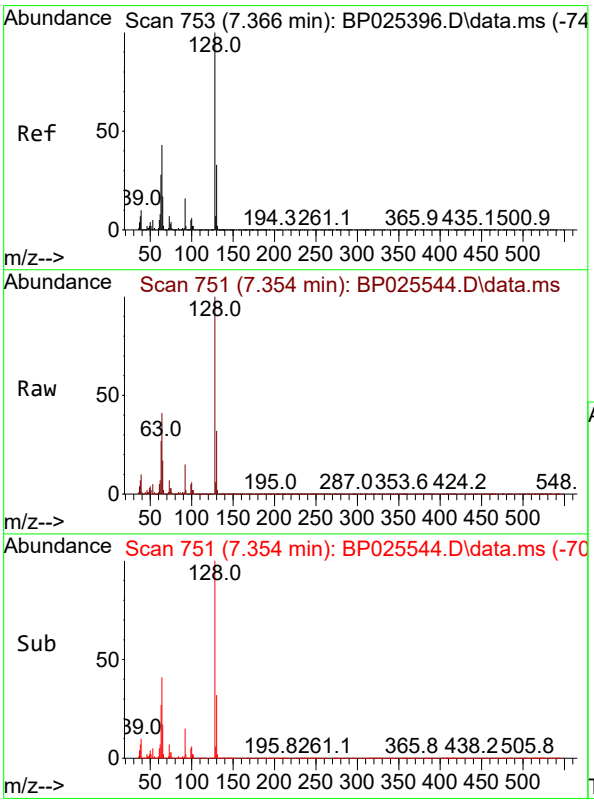
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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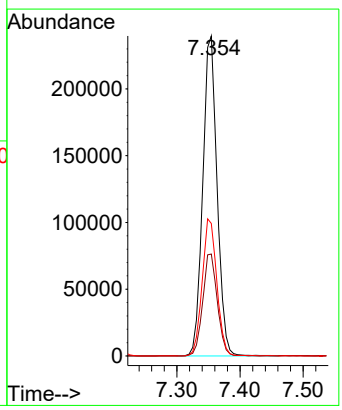
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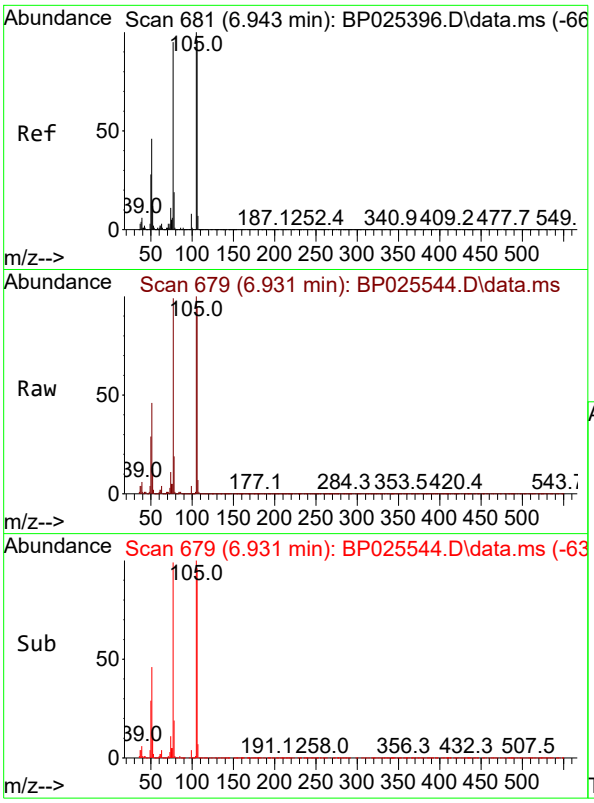


#8
2-Chlorophenol
Concen: 40.502 ng
RT: 7.354 min Scan# 751
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

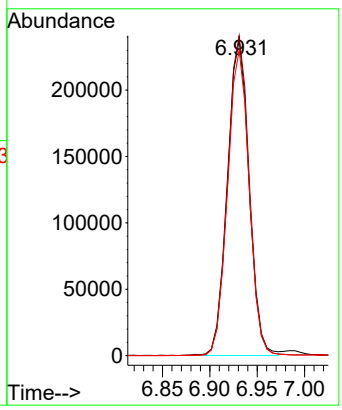




#9
Benzaldehyde
Concen: 50.920 ng
RT: 6.931 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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 :
SSTDCCC040

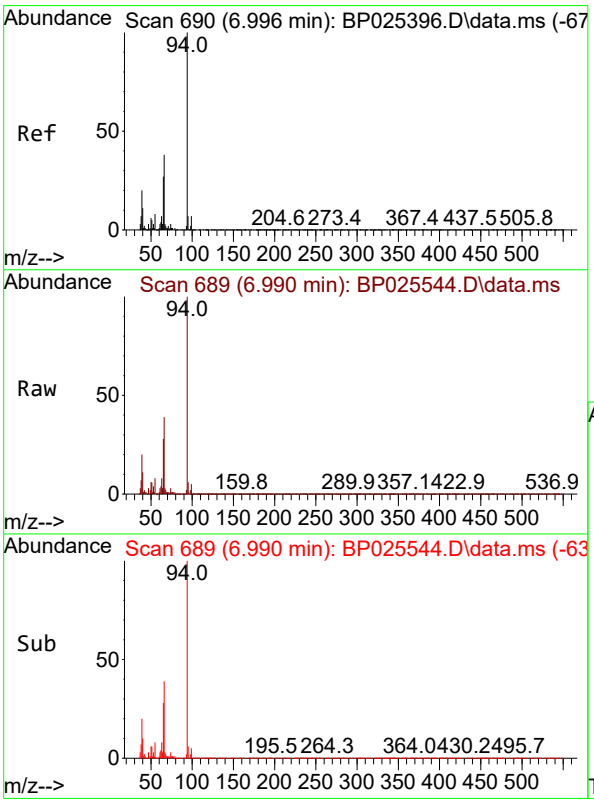
Manual Integrations APPROVED

Reviewed By :Rahul Chavli

08/25/2025

Supervised By :Jagrut Upadhyay

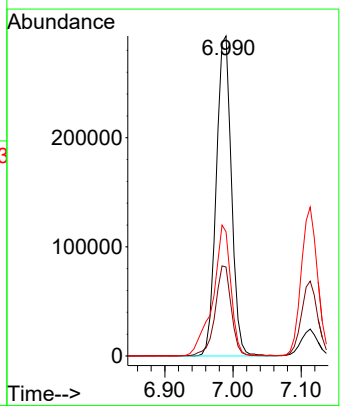
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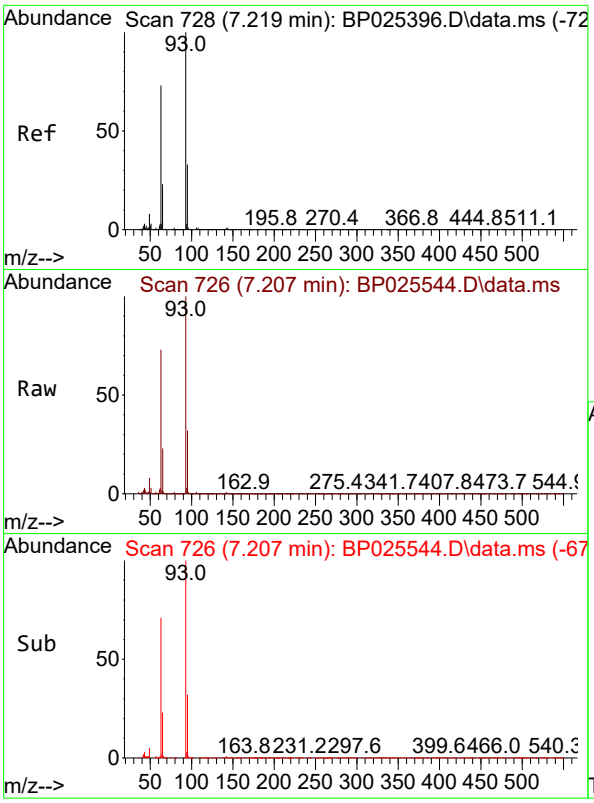


#10
Phenol
Concen: 40.896 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

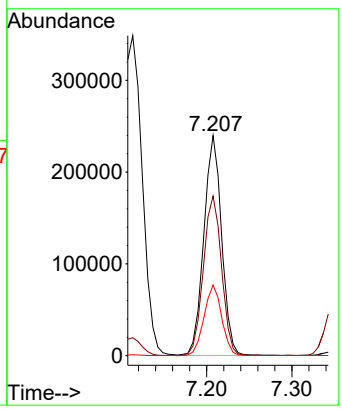




#11
bis(2-Chloroethyl)ether
Concen: 40.104 ng
RT: 7.207 min Scan# 7
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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



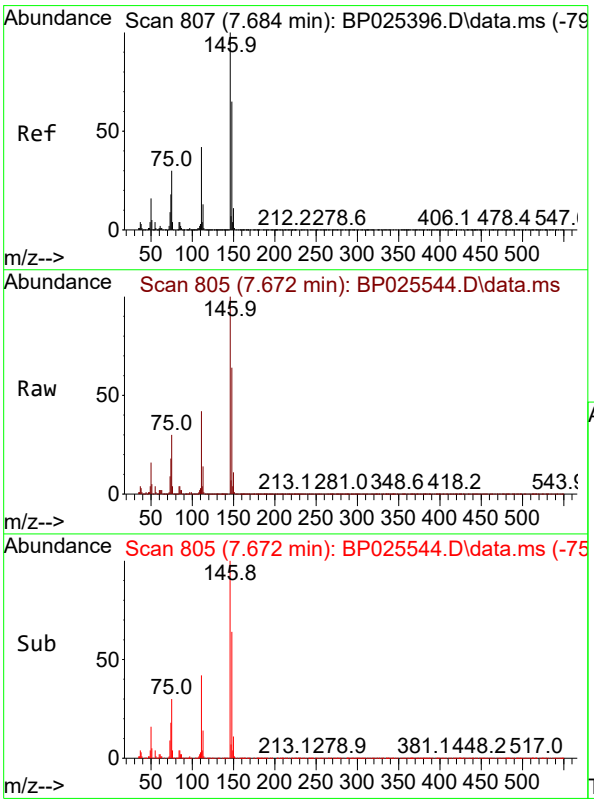
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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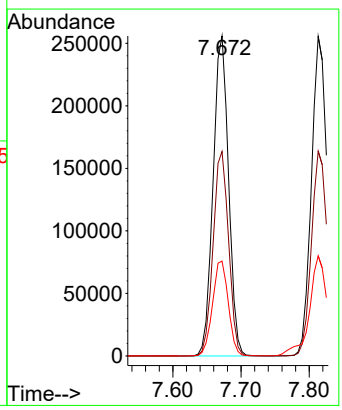
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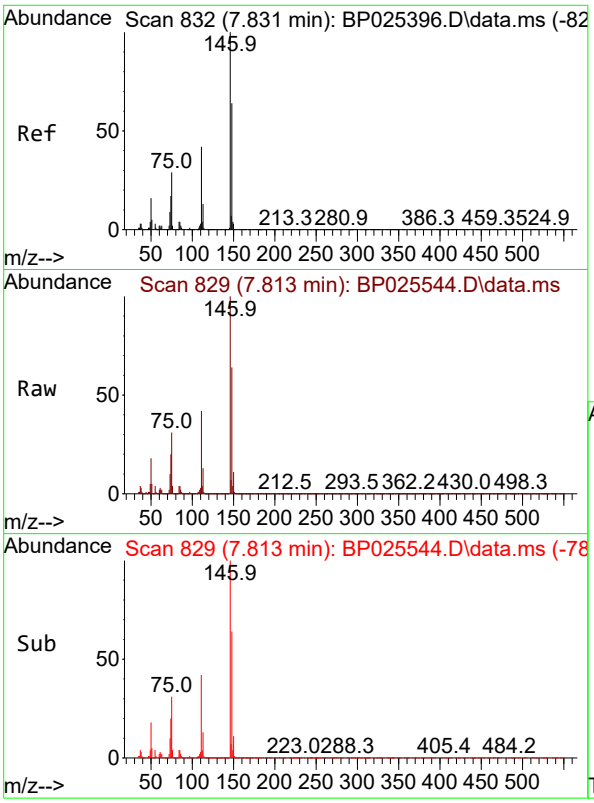


#12
1,3-Dichlorobenzene
Concen: 39.275 ng
RT: 7.672 min Scan# 805
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

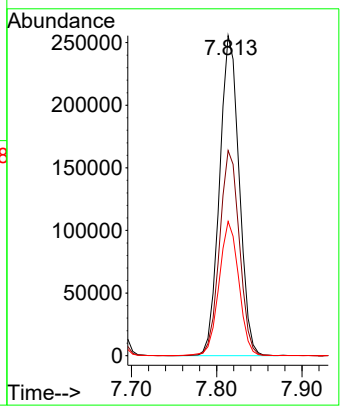




#13
1,4-Dichlorobenzene
Concen: 38.913 ng
RT: 7.813 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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 :
SSTDCCC040

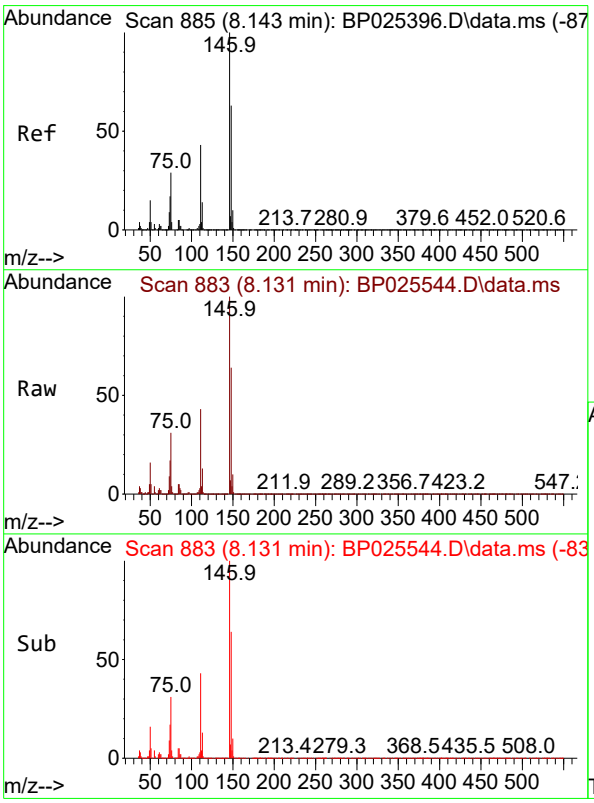
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Supervised By :Jagrut Upadhyay

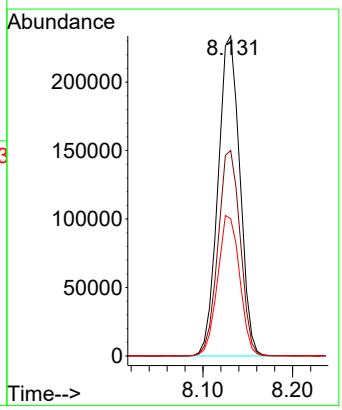
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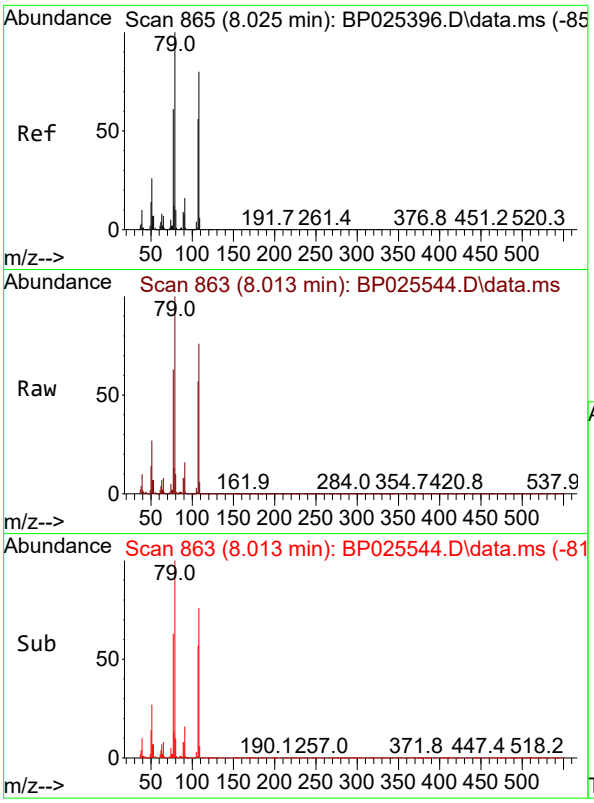


#14
1,2-Dichlorobenzene
Concen: 38.855 ng
RT: 8.131 min Scan# 883
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

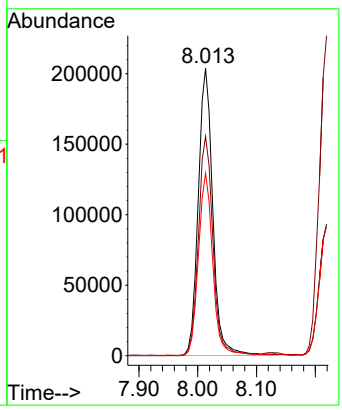
Tgt Ion: 79 Resp: 35042

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

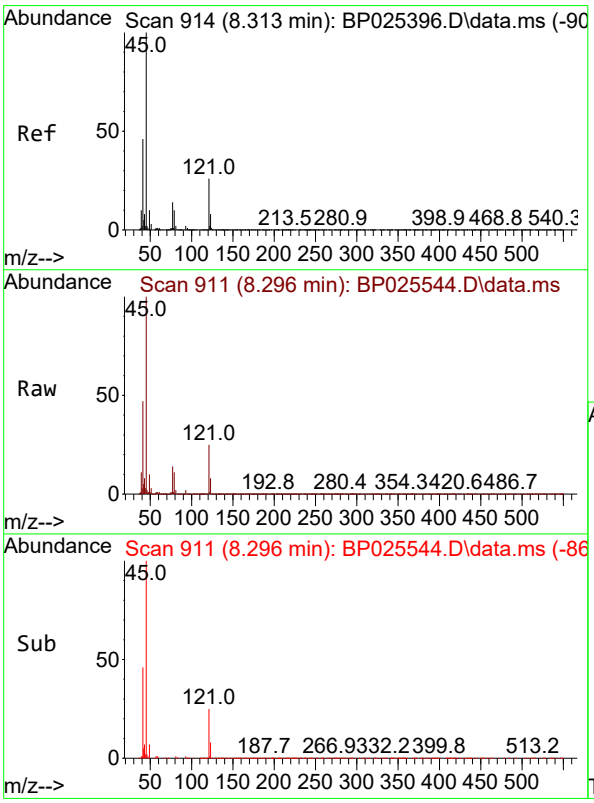
Manual Integrations APPROVED

Reviewed By :Rahul Chavli



08/25/2025
Supervised By :Jagrut Upadhyay

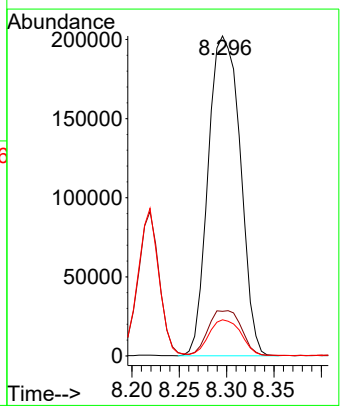
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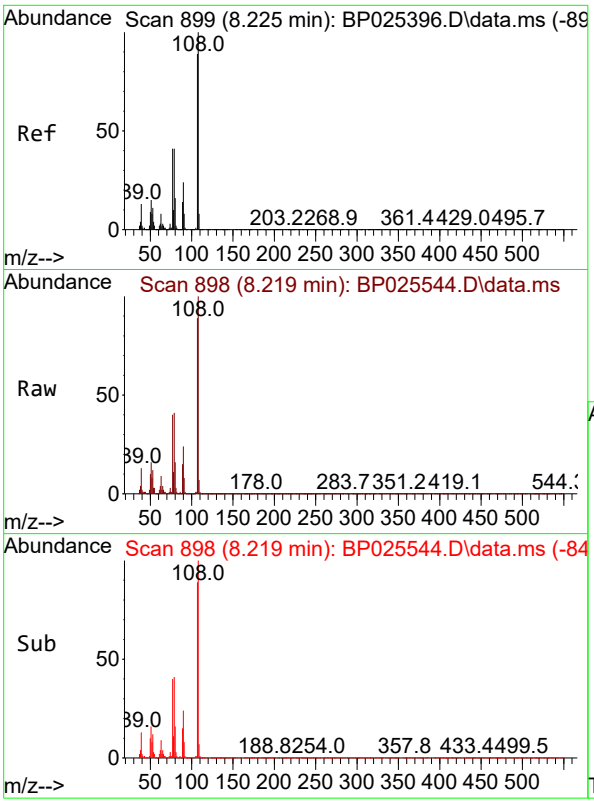


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.106 ng
RT: 8.296 min Scan# 911
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

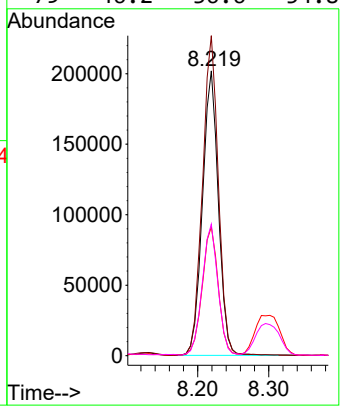




#17
2-Methylphenol
Concen: 40.788 ng
RT: 8.219 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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



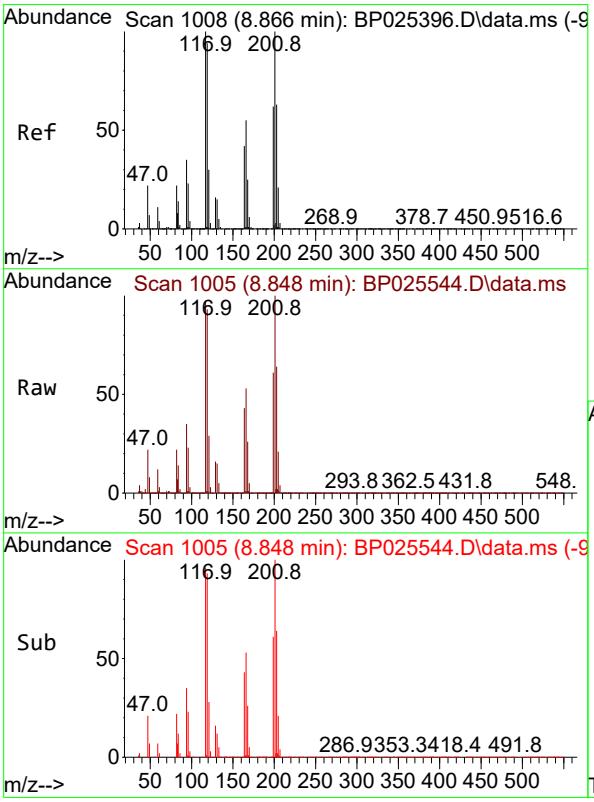
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

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Supervised By :Jagrut Upadhyay

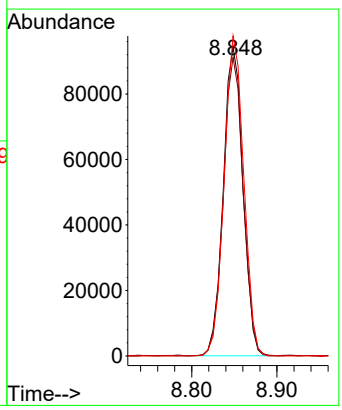
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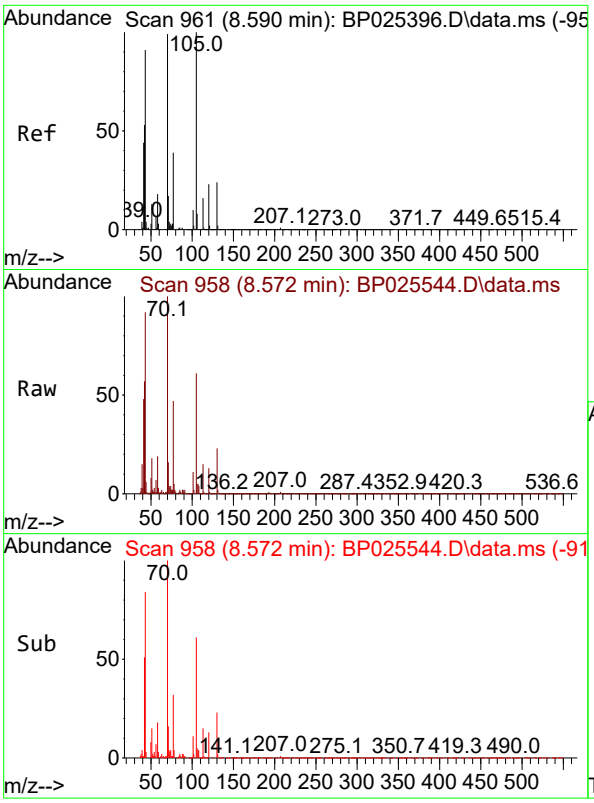


#18
Hexachloroethane
Concen: 39.385 ng
RT: 8.848 min Scan# 1005
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

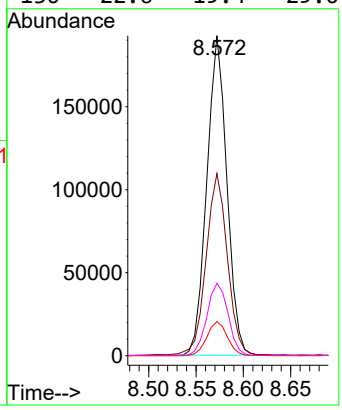




#19
n-Nitroso-di-n-propylamine
Concen: 40.285 ng
RT: 8.572 min Scan# 9
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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 :
SSTDCCC040

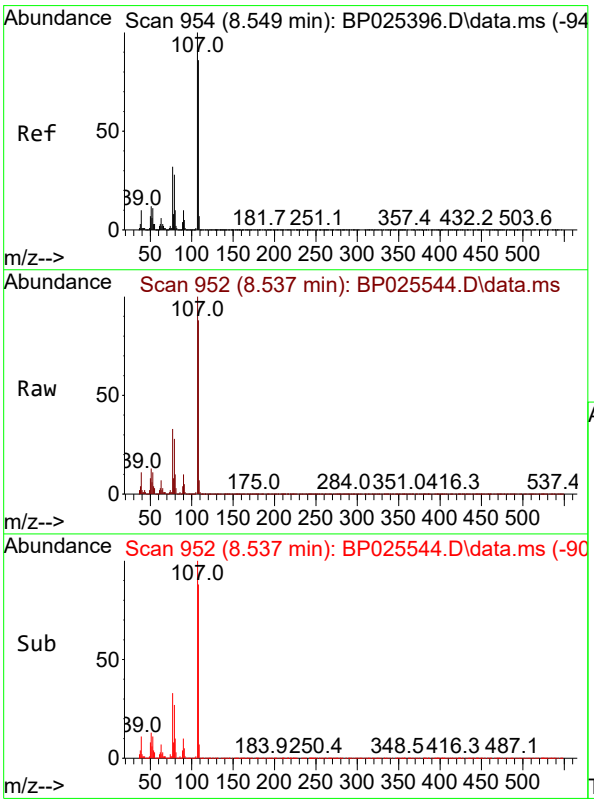
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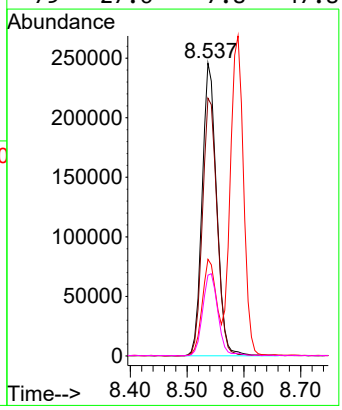
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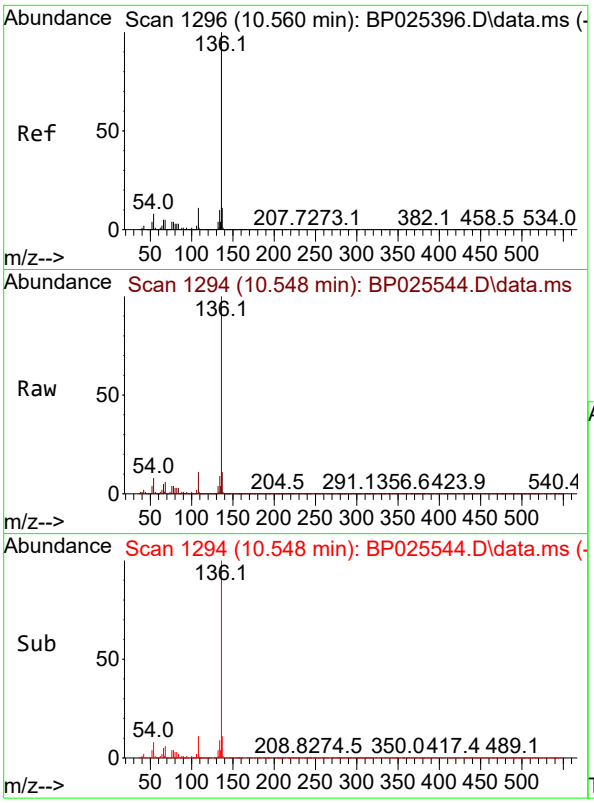


#20
3+4-Methylphenols
Concen: 40.633 ng
RT: 8.537 min Scan# 952
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

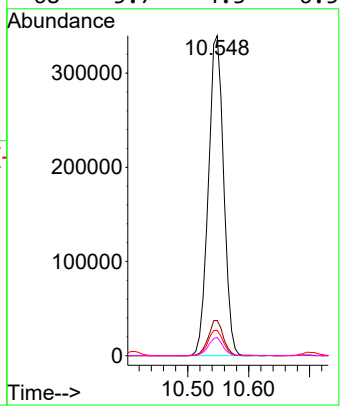




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.548 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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



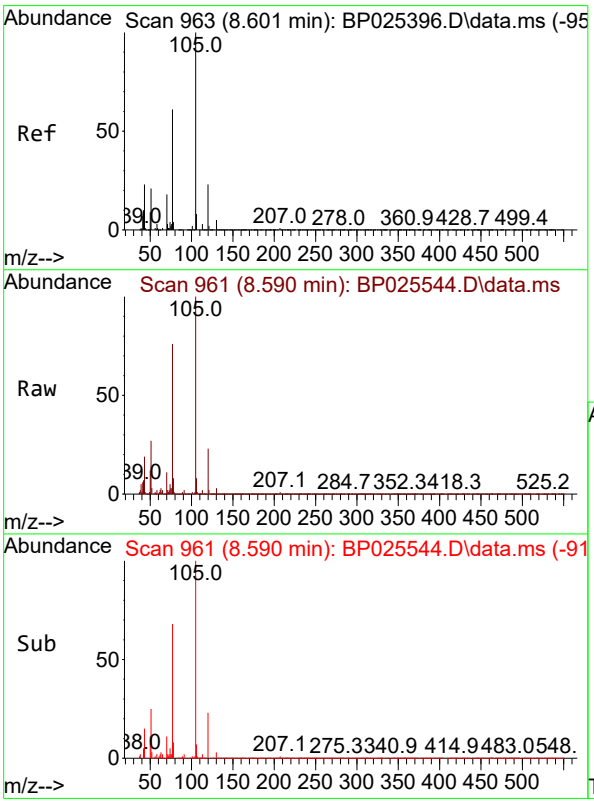
Instrument :
BNA_P
ClientSampleId :
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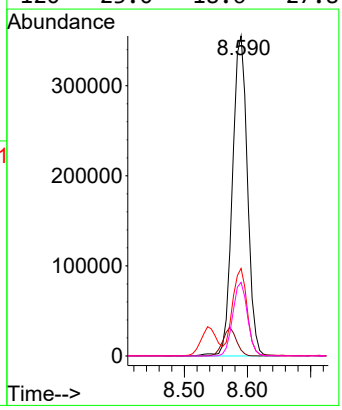
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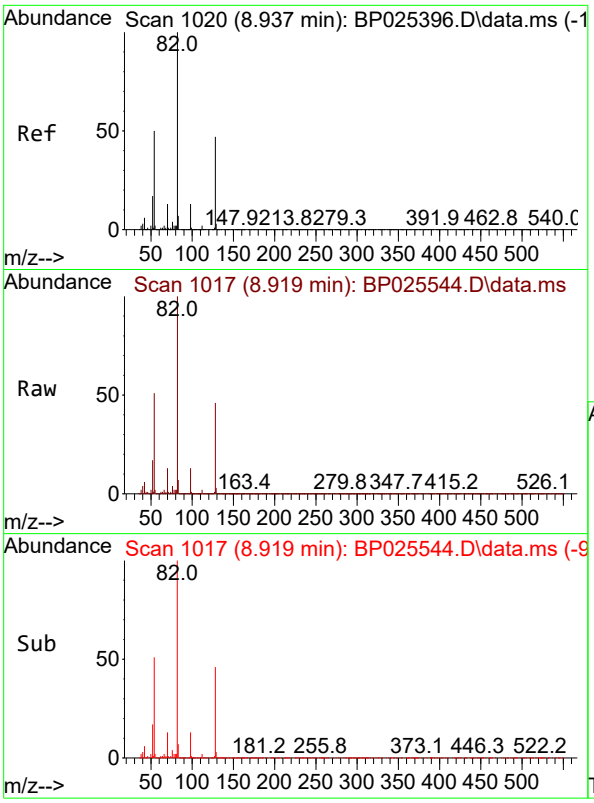


#22
Acetophenone
Concen: 39.371 ng
RT: 8.590 min Scan# 961
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

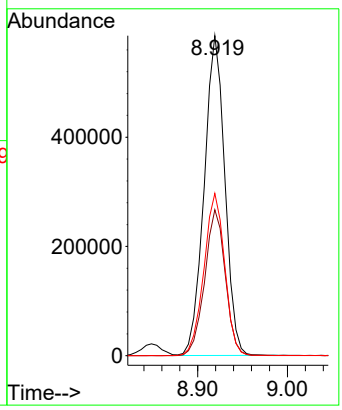




#23
Nitrobenzene-d5
Concen: 80.044 ng
RT: 8.919 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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



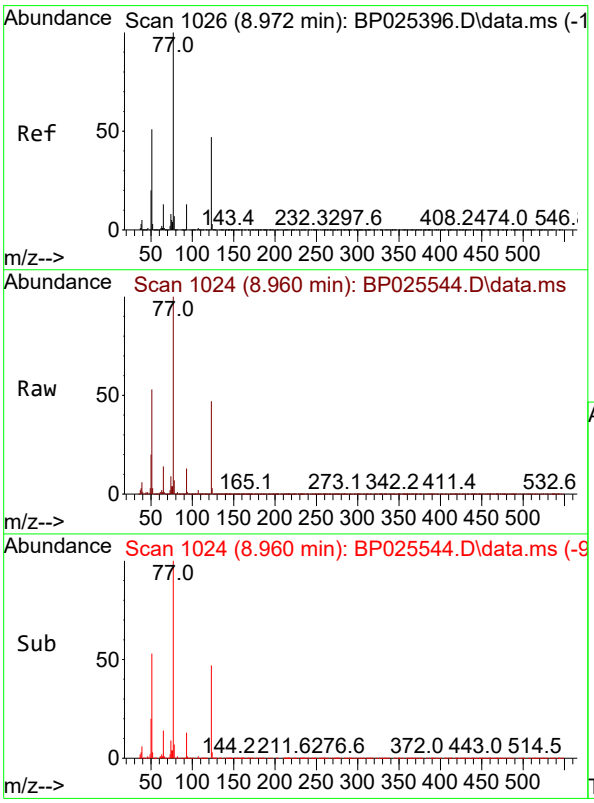
Instrument :
BNA_P
ClientSampleId :
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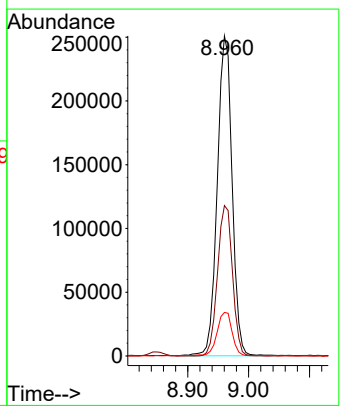
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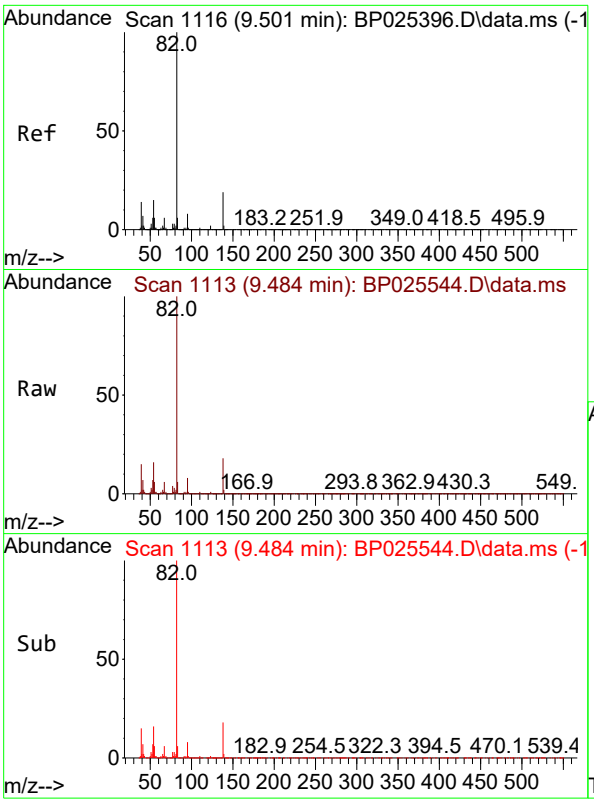


#24
Nitrobenzene
Concen: 40.465 ng
RT: 8.960 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

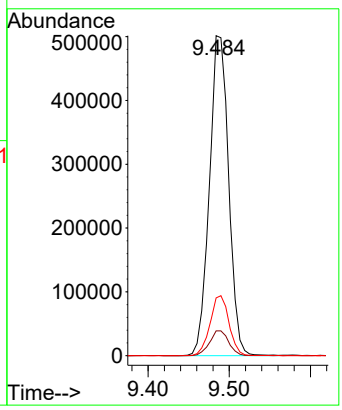




#25
Isophorone
Concen: 39.849 ng
RT: 9.484 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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



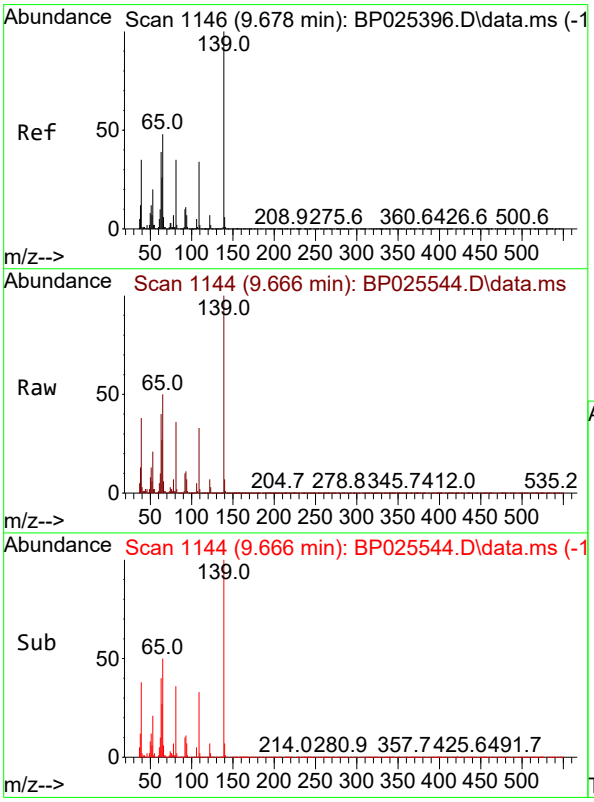
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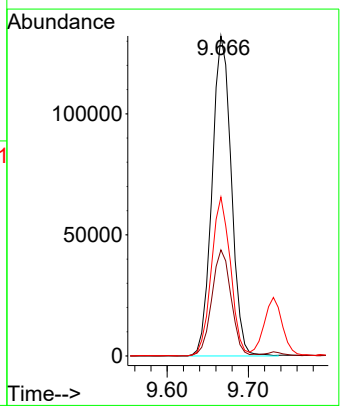
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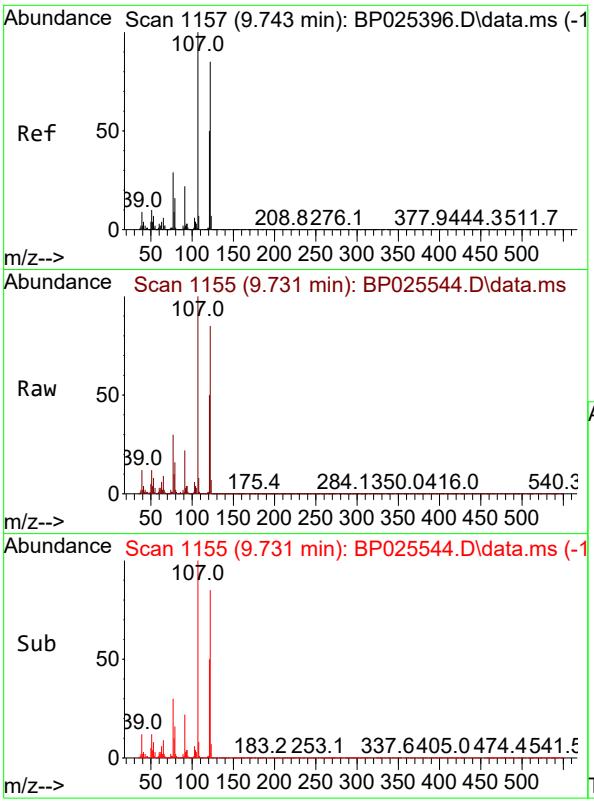


#26
2-Nitrophenol
Concen: 40.564 ng
RT: 9.666 min Scan# 1144
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

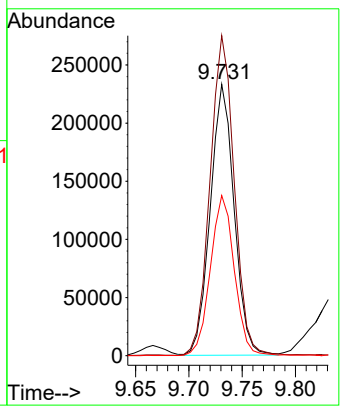




#27
2,4-Dimethylphenol
Concen: 39.326 ng
RT: 9.731 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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



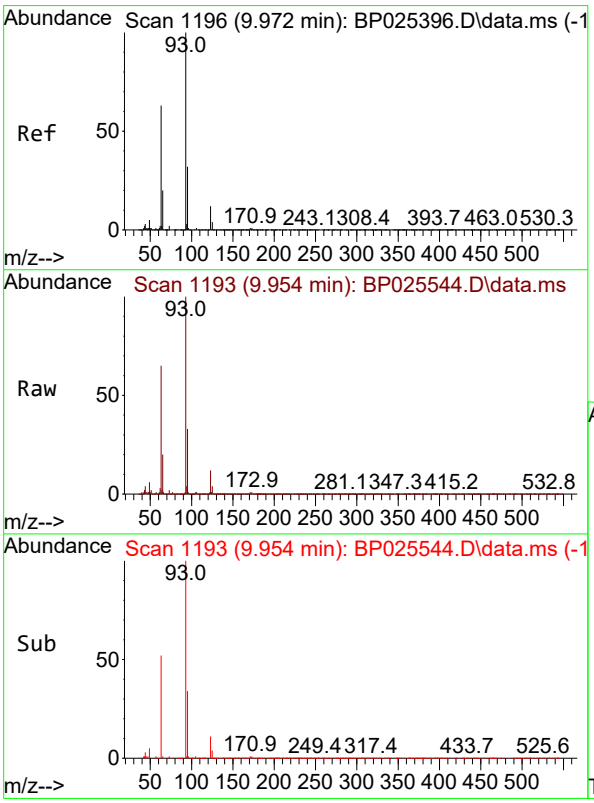
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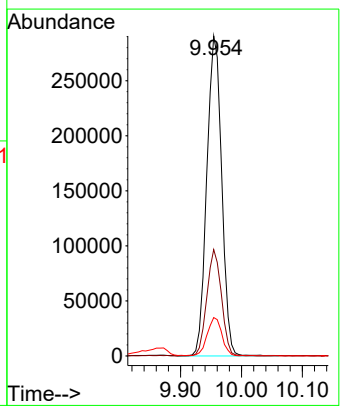
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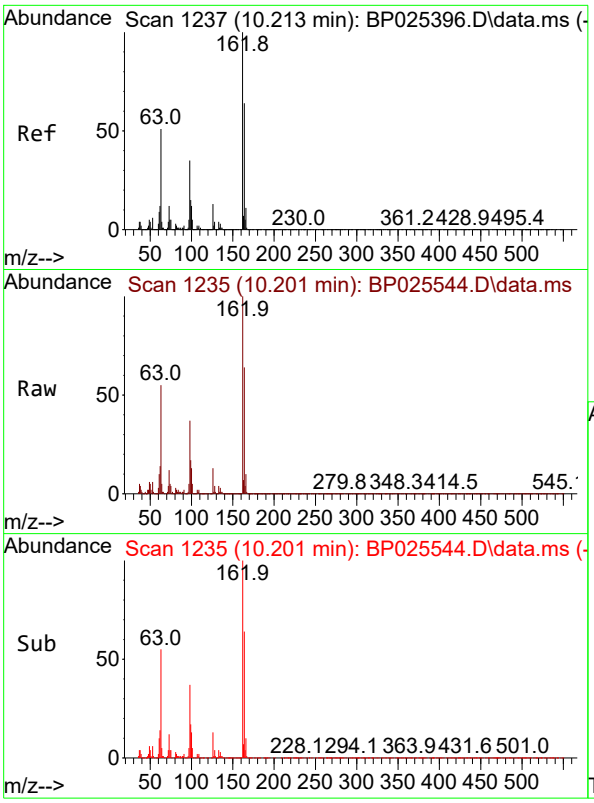


#28
bis(2-Chloroethoxy)methane
Concen: 39.349 ng
RT: 9.954 min Scan# 1193
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

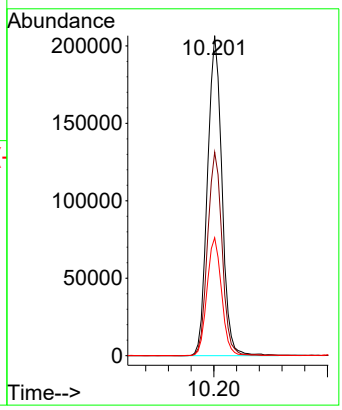
Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.4	84.4
98	36.9	14.9	54.9

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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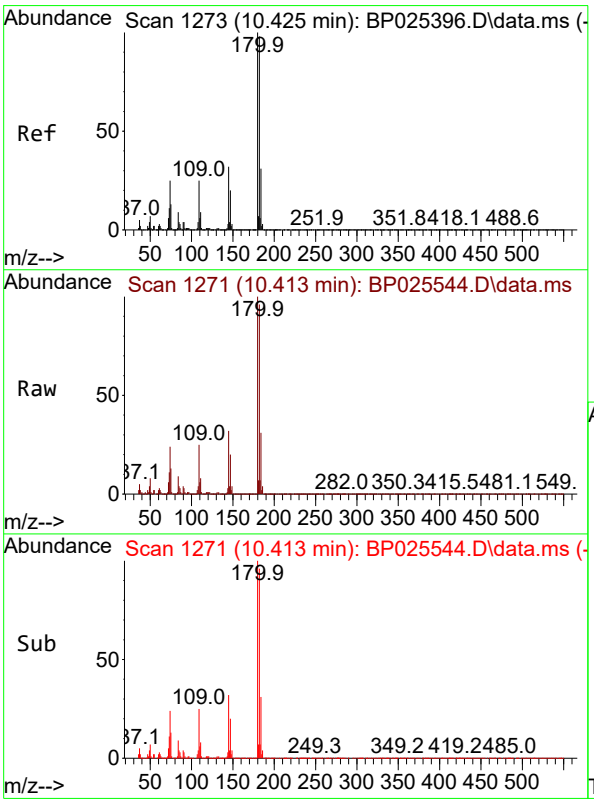
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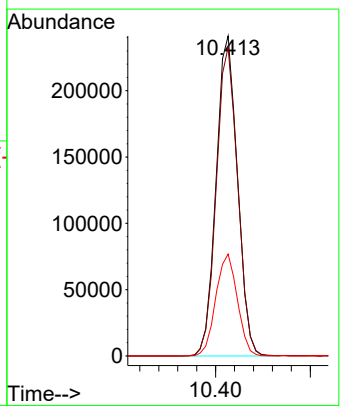
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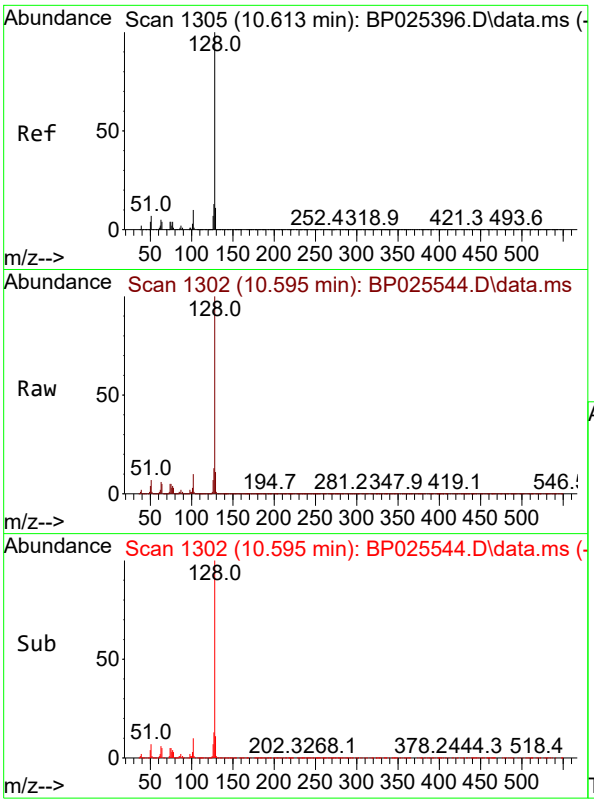


#30
1,2,4-Trichlorobenzene
Concen: 37.597 ng
RT: 10.413 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

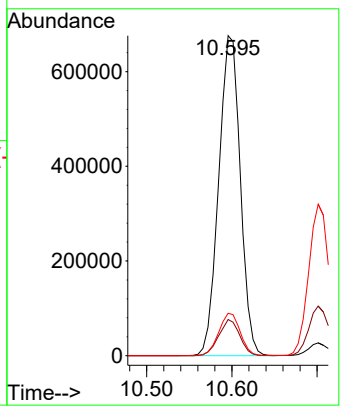




#31
Naphthalene
Concen: 38.712 ng
RT: 10.595 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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



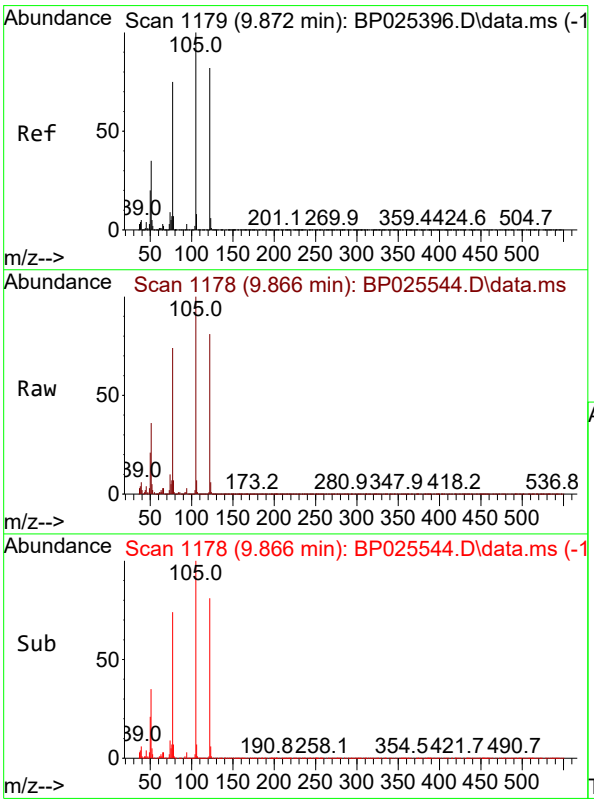
Instrument :
BNA_P
ClientSampleId :
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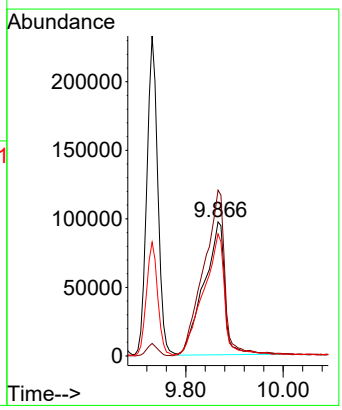
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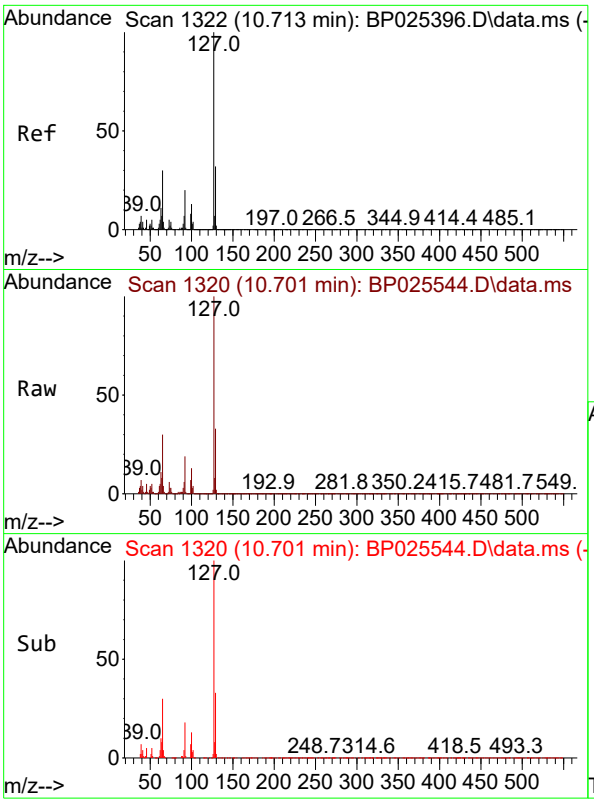


#32
Benzoic acid
Concen: 42.238 ng
RT: 9.866 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

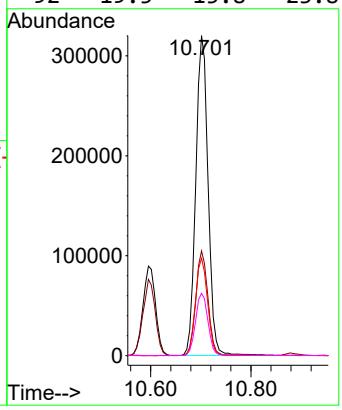




#33
4-Chloroaniline
Concen: 40.039 ng
RT: 10.701 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

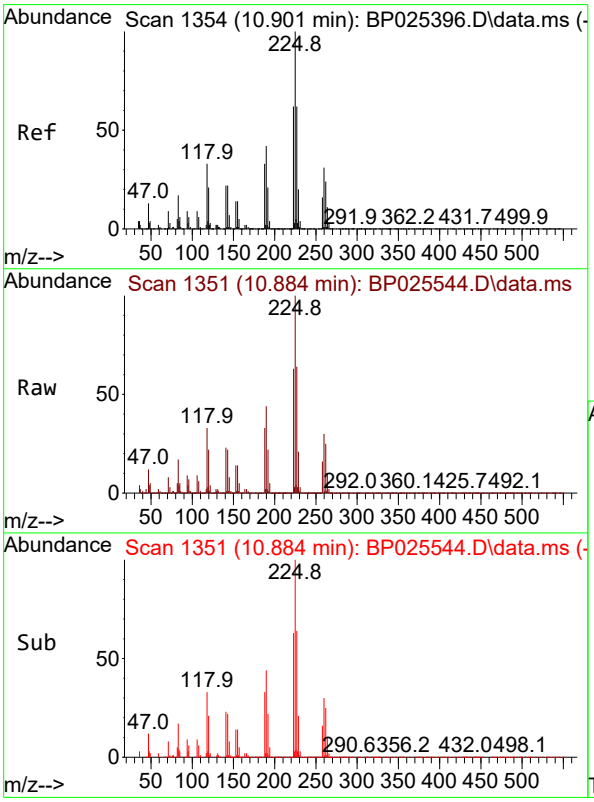
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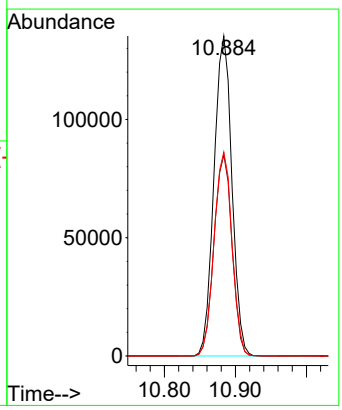
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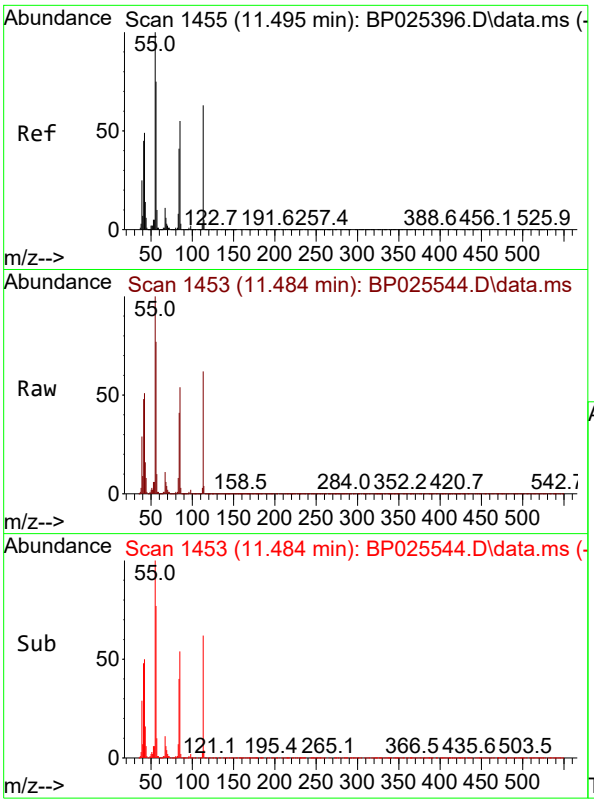


#34
Hexachlorobutadiene
Concen: 37.756 ng
RT: 10.884 min Scan# 1351
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

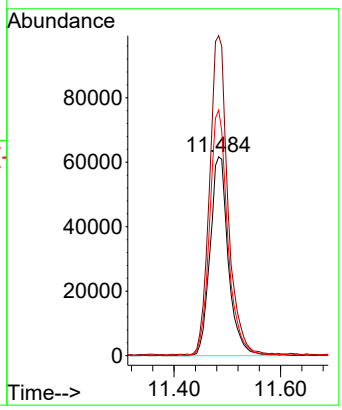




#35
Caprolactam
Concen: 43.562 ng
RT: 11.484 min Scan# 14
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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



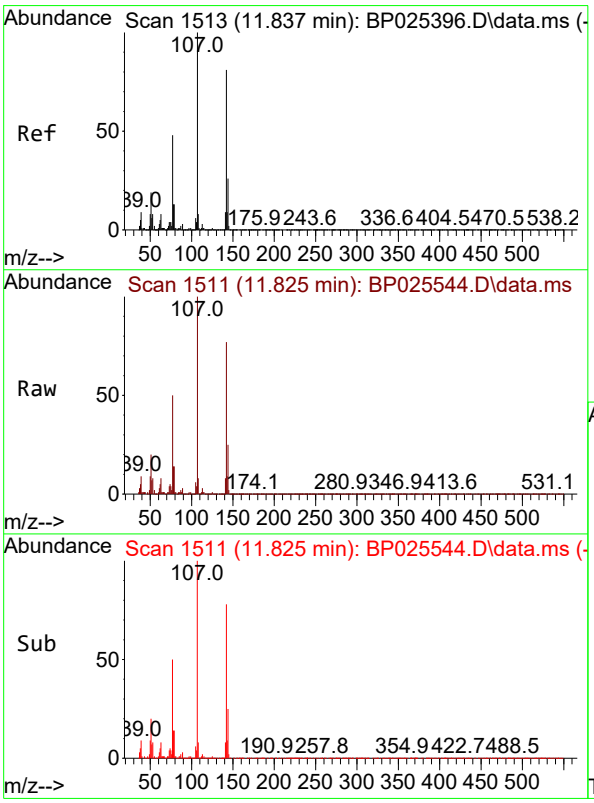
Instrument :
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ClientSampleId :
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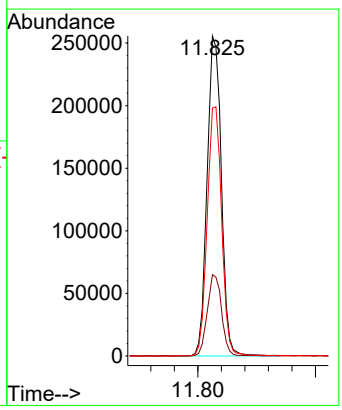
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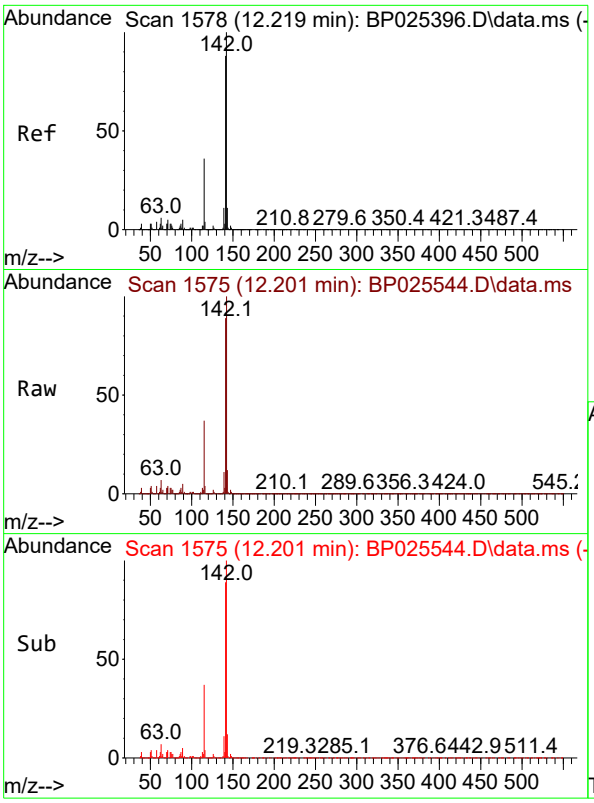


#36
4-Chloro-3-methylphenol
Concen: 40.964 ng
RT: 11.825 min Scan# 1511
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

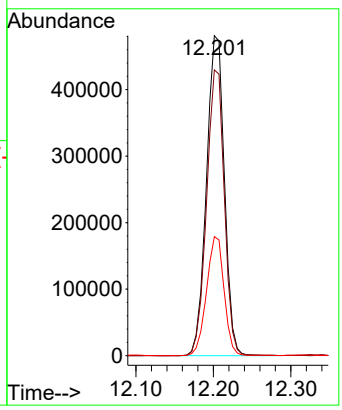




#37
2-Methylnaphthalene
Concen: 38.576 ng
RT: 12.201 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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 :
SSTDCCC040

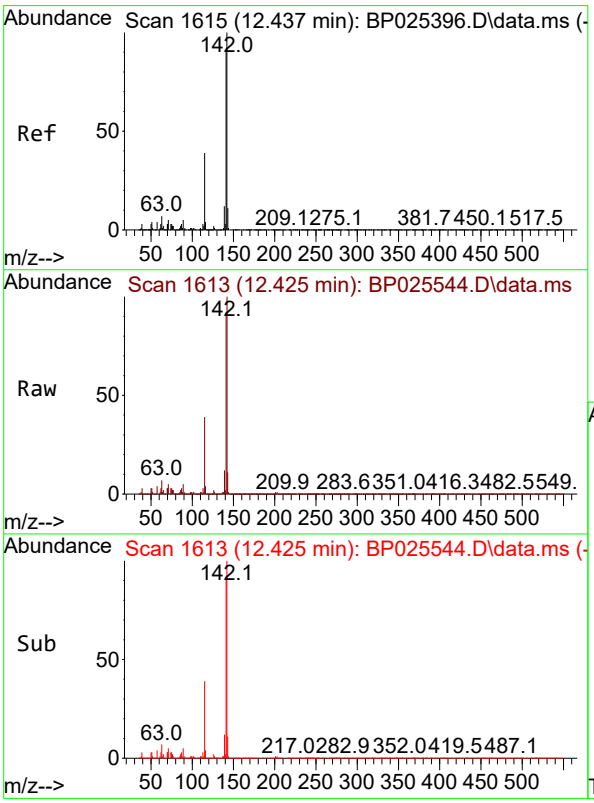
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Supervised By :Jagrut Upadhyay

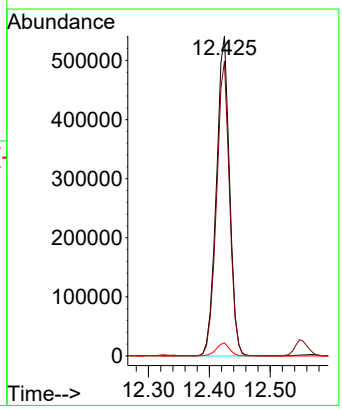
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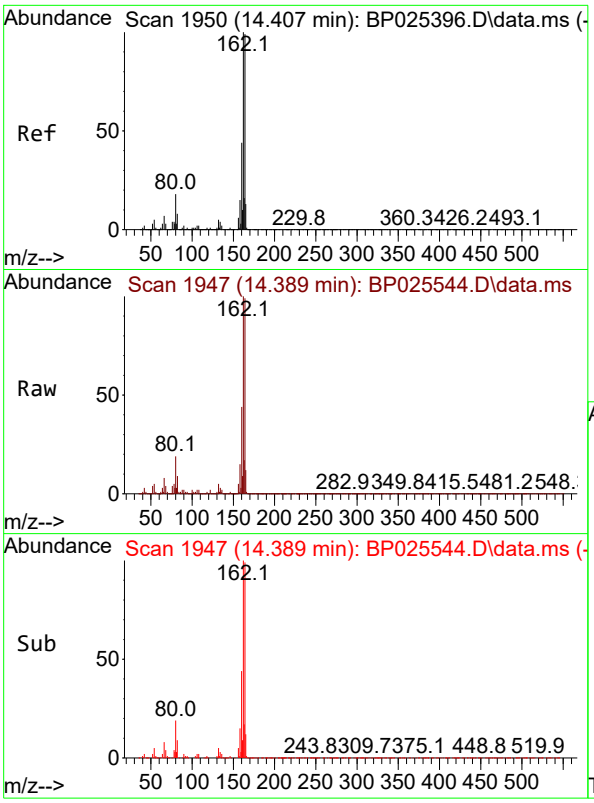


#38
1-Methylnaphthalene
Concen: 38.255 ng
RT: 12.425 min Scan# 1613
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

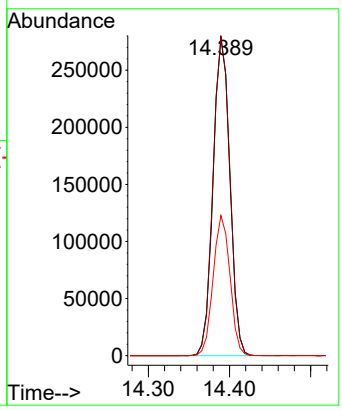




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

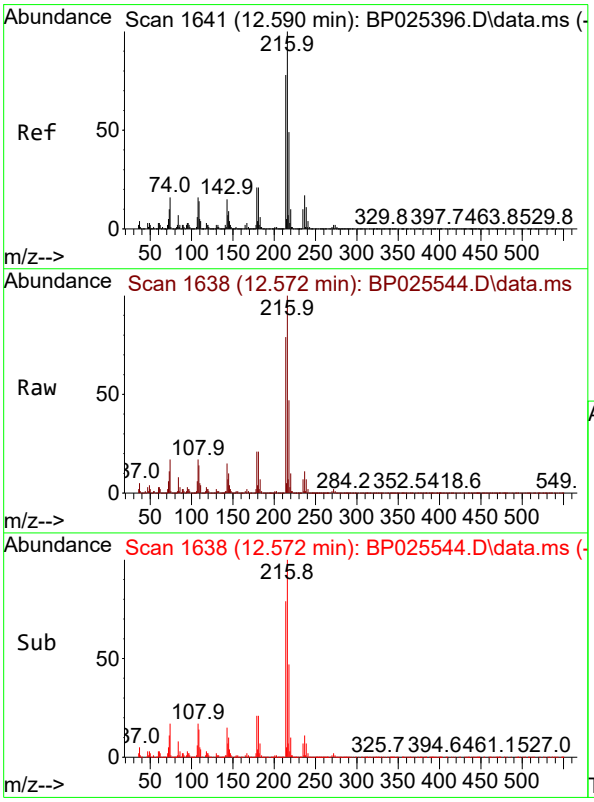
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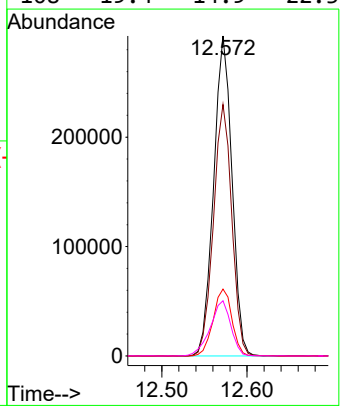
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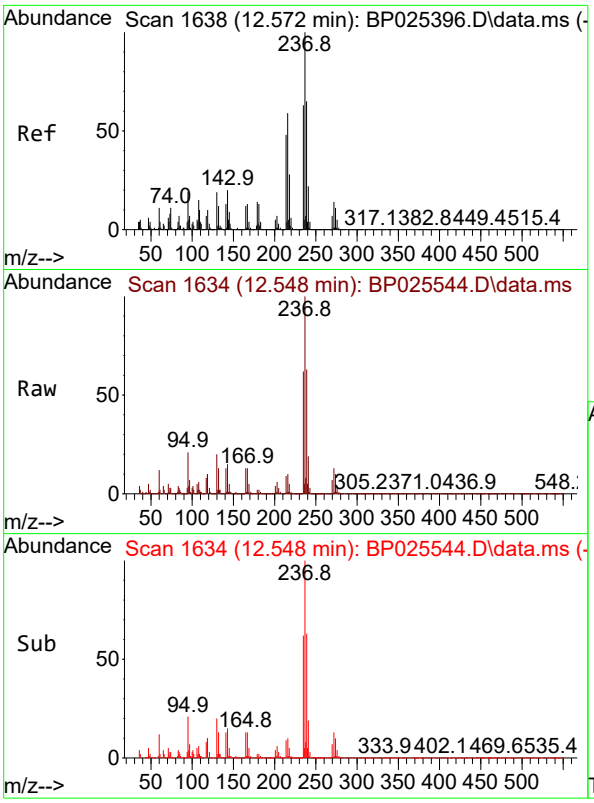


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.916 ng
RT: 12.572 min Scan# 1638
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

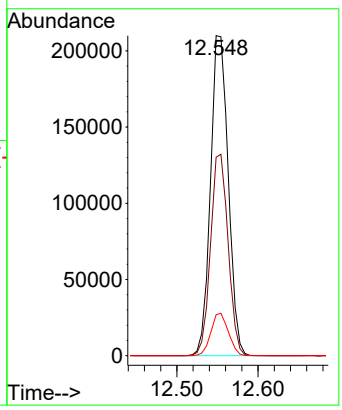




#41
Hexachlorocyclopentadiene
Concen: 45.555 ng
RT: 12.548 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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



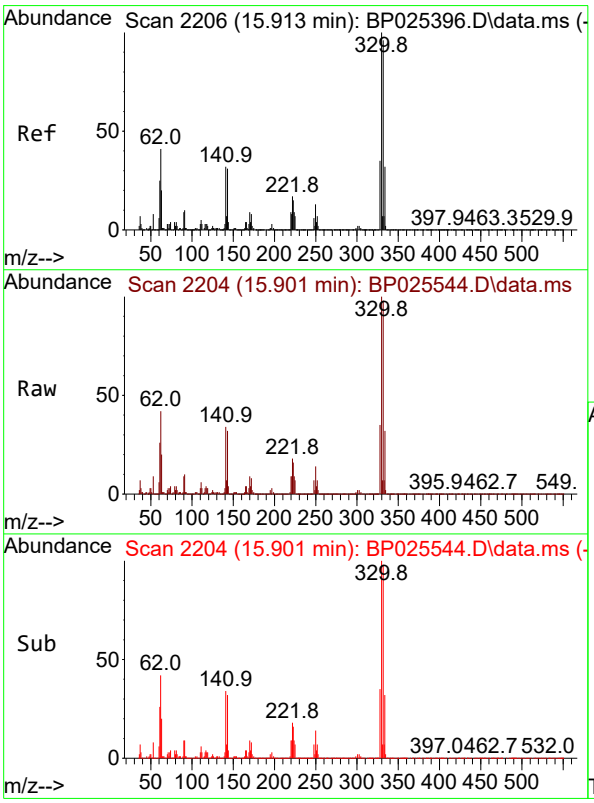
Instrument :
BNA_P
ClientSampleId :
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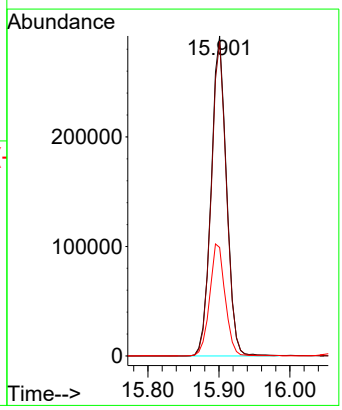
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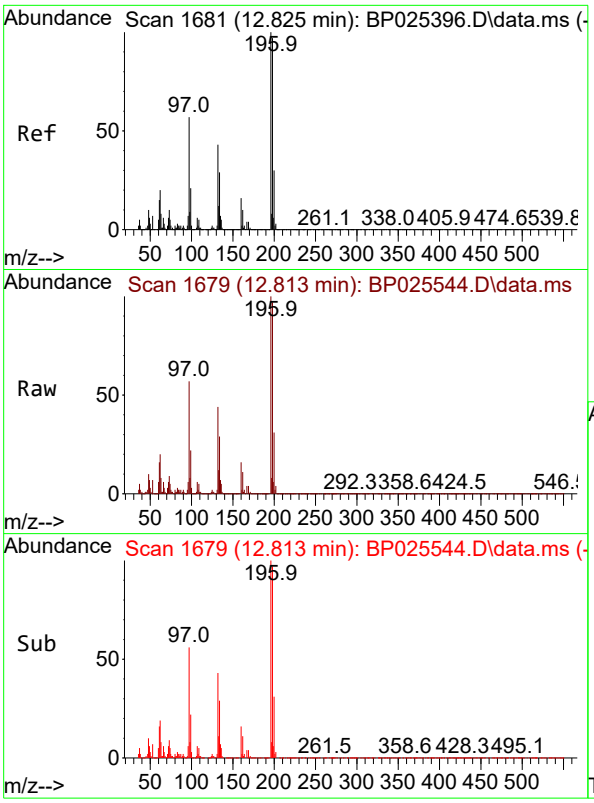


#42
2,4,6-Tribromophenol
Concen: 81.081 ng
RT: 15.901 min Scan# 2204
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

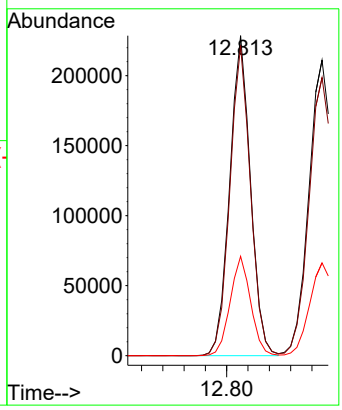




#43
2,4,6-Trichlorophenol
Concen: 39.701 ng
RT: 12.813 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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



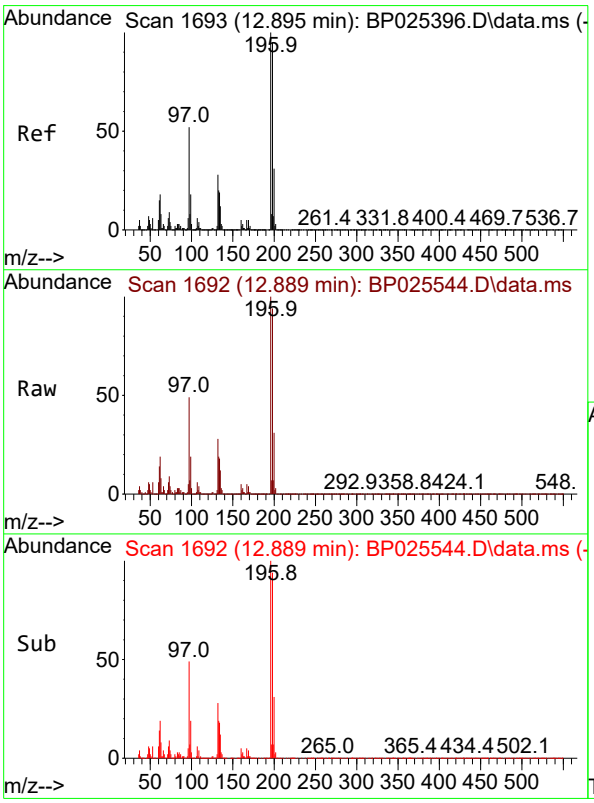
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BNA_P
ClientSampleId :
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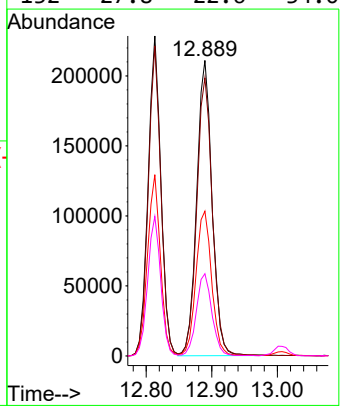
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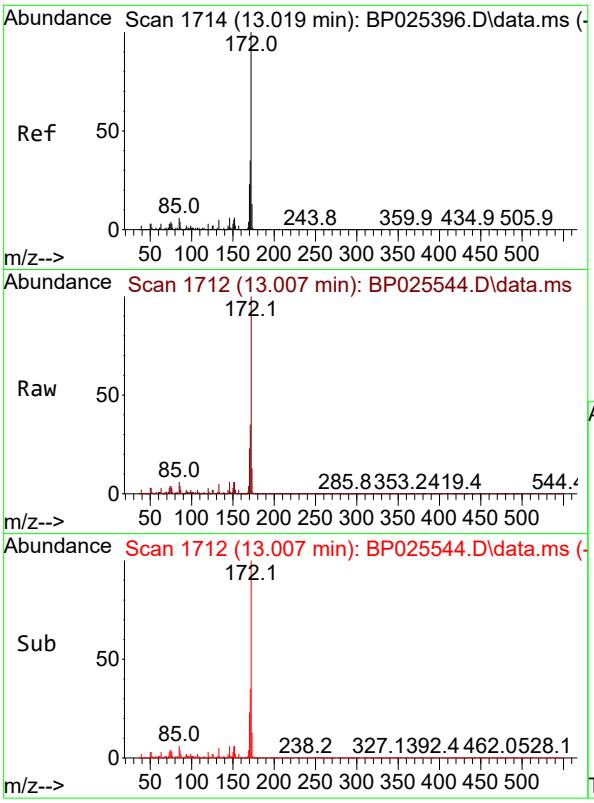


#44
2,4,5-Trichlorophenol
Concen: 40.266 ng
RT: 12.889 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

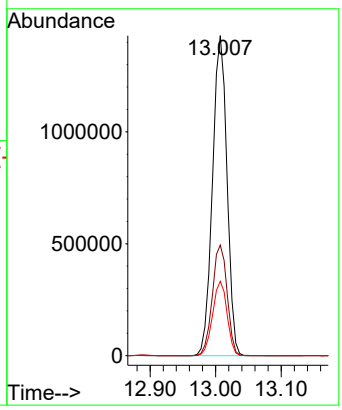




#45
2-Fluorobiphenyl
Concen: 74.582 ng
RT: 13.007 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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 :
BNA_P
ClientSampleId :
SSTDCCC040

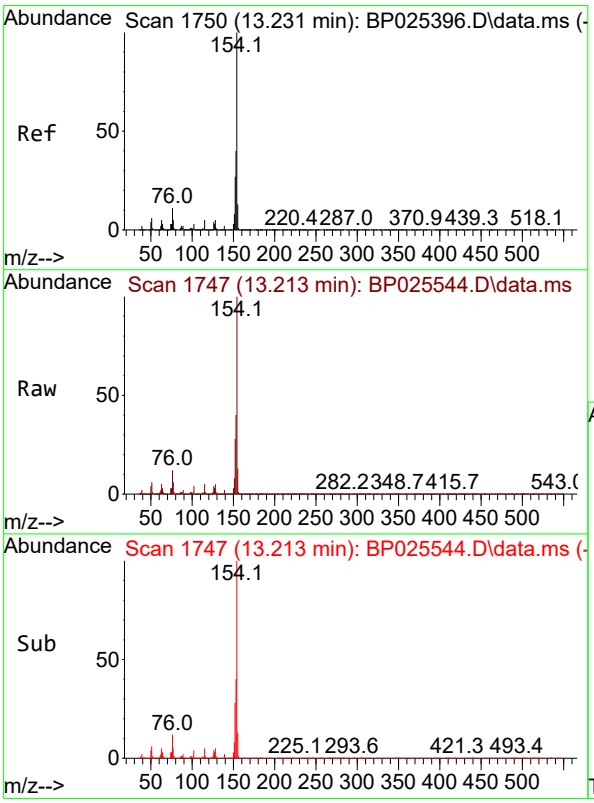
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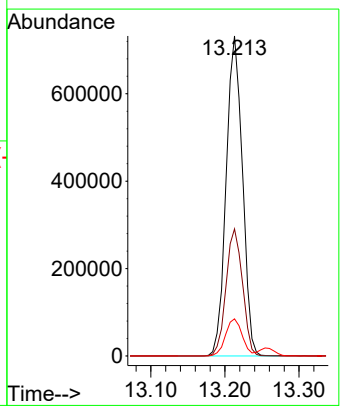
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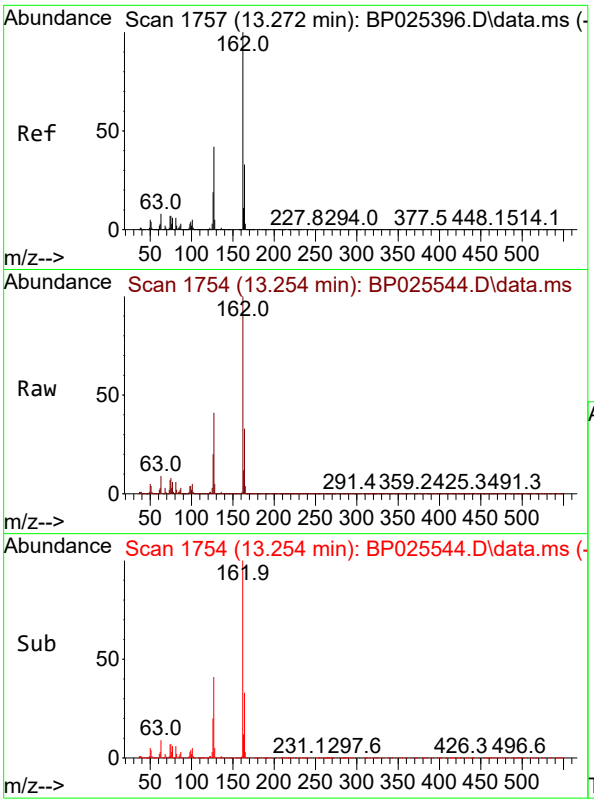


#46
1,1'-Biphenyl
Concen: 38.335 ng
RT: 13.213 min Scan# 1747
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

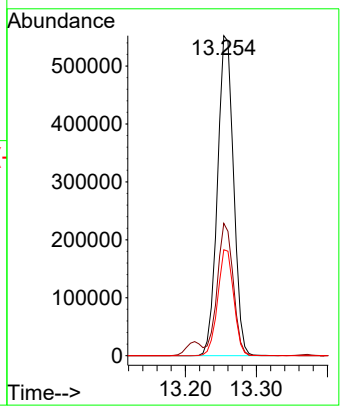




#47
2-Chloronaphthalene
Concen: 38.216 ng
RT: 13.254 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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



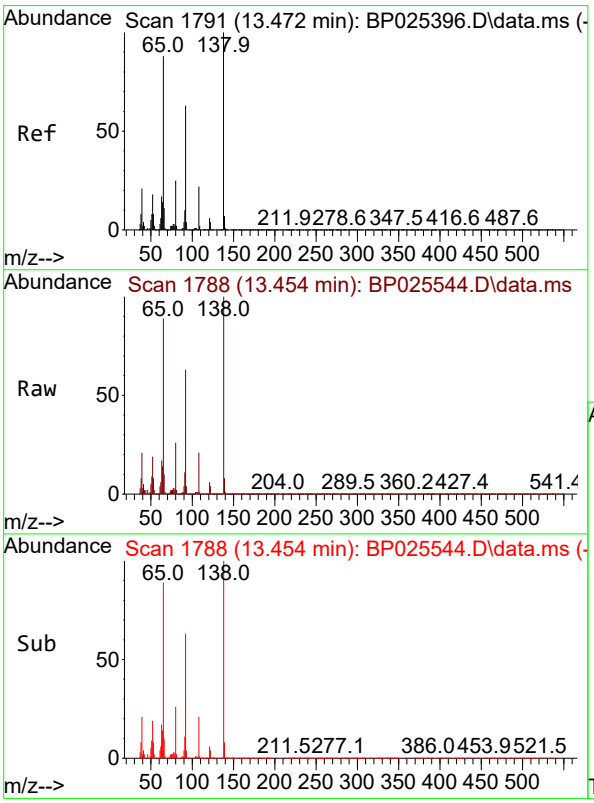
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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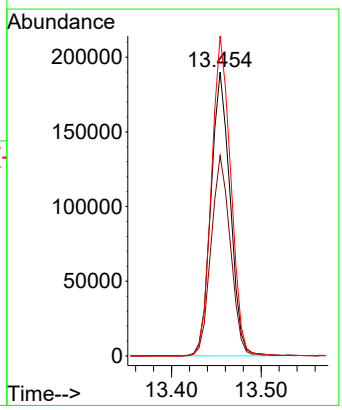
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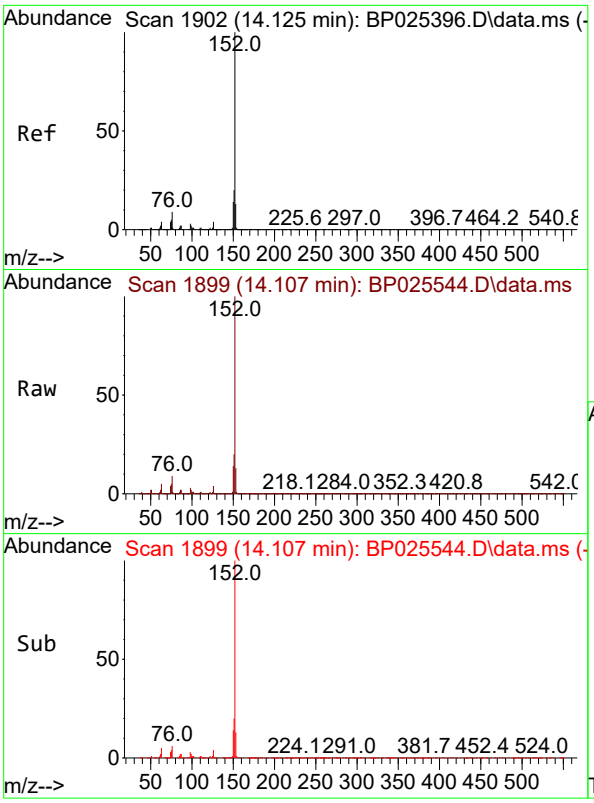


#48
2-Nitroaniline
Concen: 42.664 ng
RT: 13.454 min Scan# 1788
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

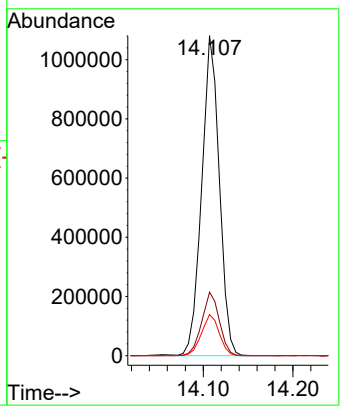




#49
Acenaphthylene
Concen: 39.203 ng
RT: 14.107 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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



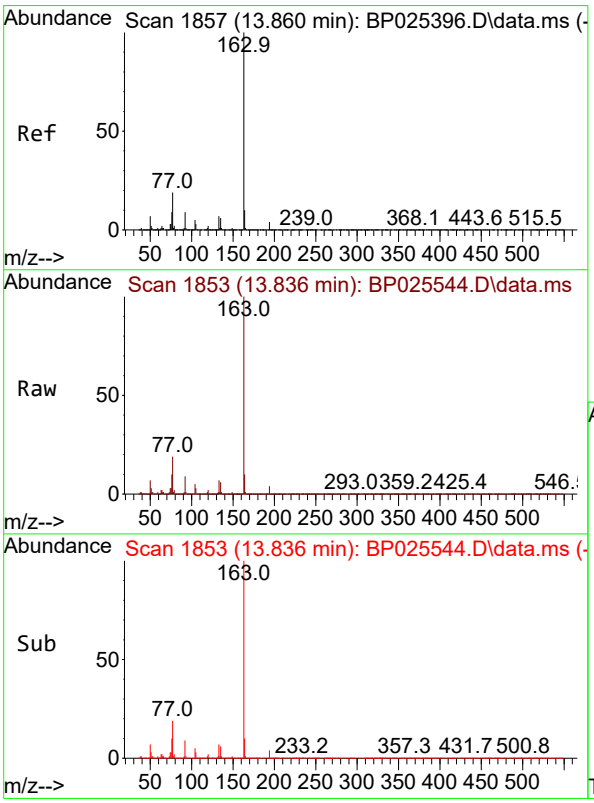
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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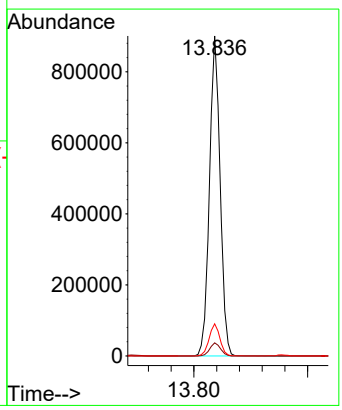
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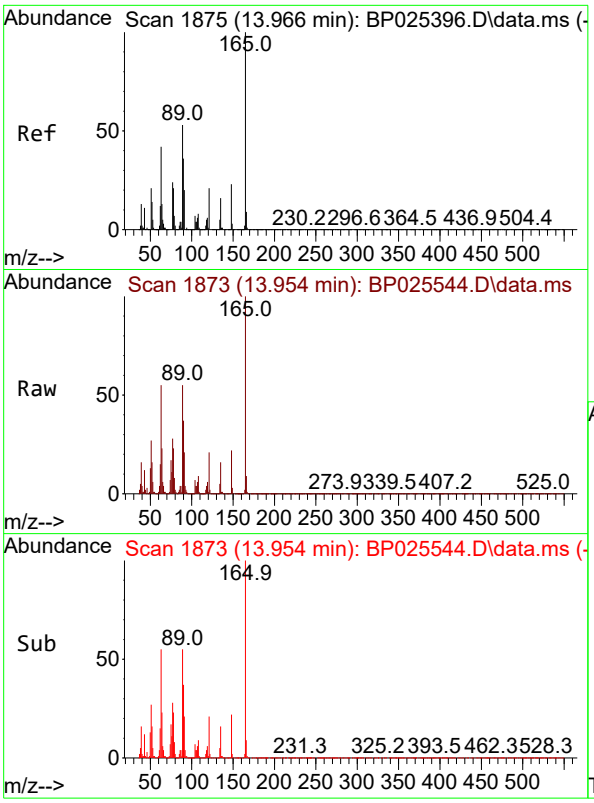


#50
Dimethylphthalate
Concen: 39.739 ng
RT: 13.836 min Scan# 1853
Delta R.T. -0.024 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

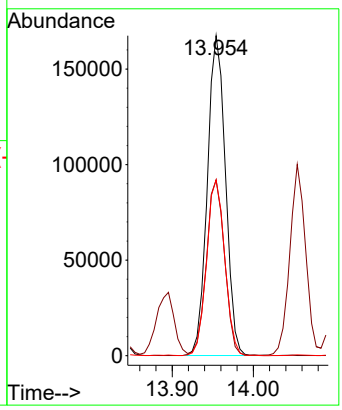




#51
2,6-Dinitrotoluene
Concen: 41.932 ng
RT: 13.954 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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



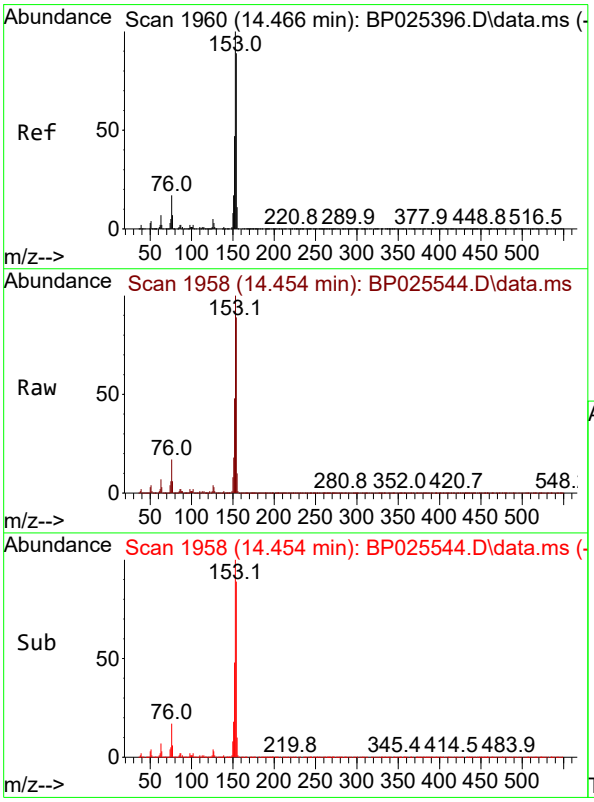
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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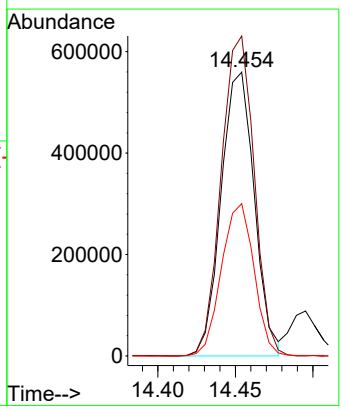
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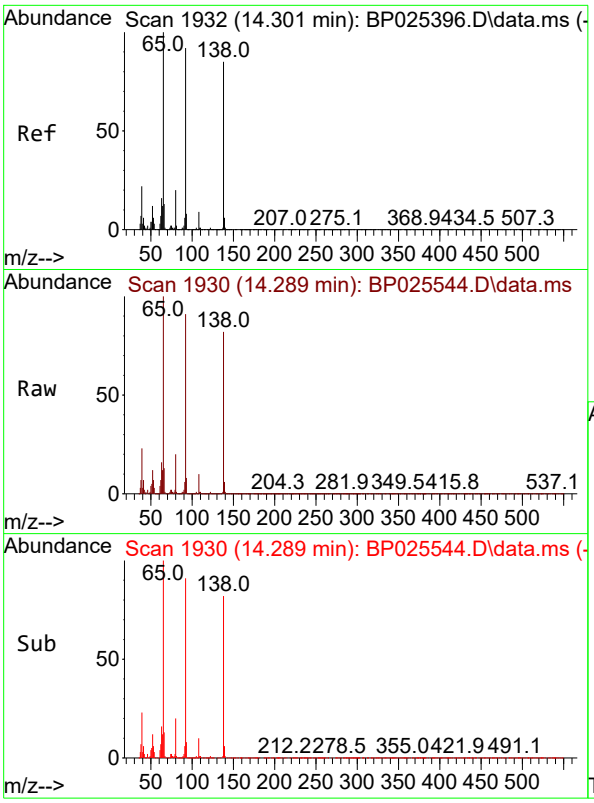


#52
Acenaphthene
Concen: 37.949 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

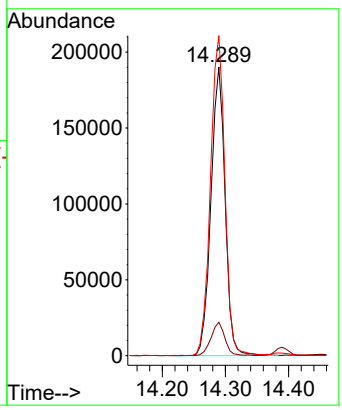
Ion	Ratio	Lower	Upper
138	100		
108	11.6	8.3	12.5
92	110.9	86.2	129.2

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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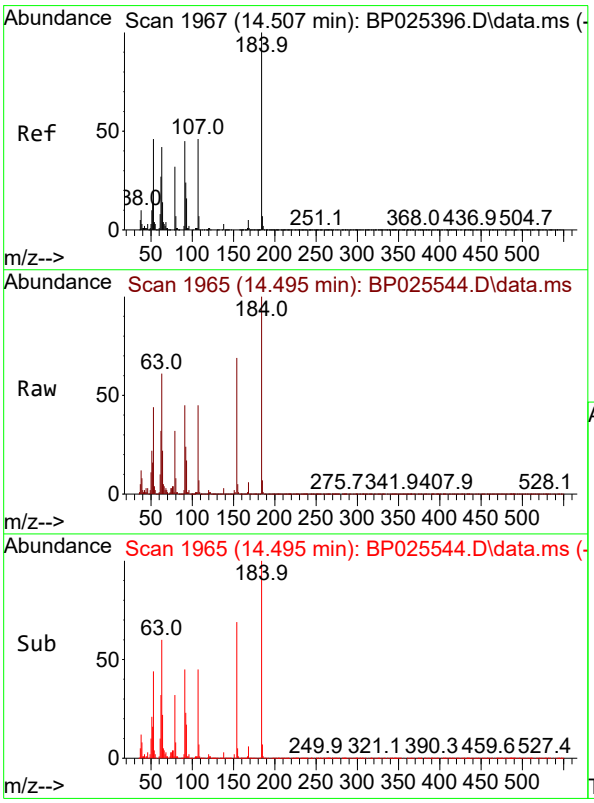
Reviewed By :Rahul Chavli

08/25/2025



Supervised By :Jagrut Upadhyay

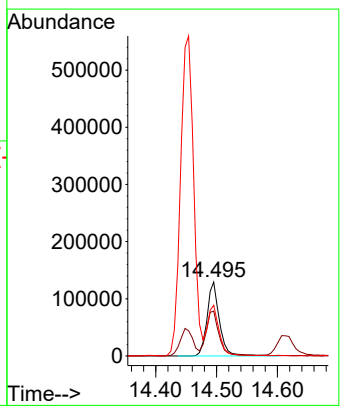
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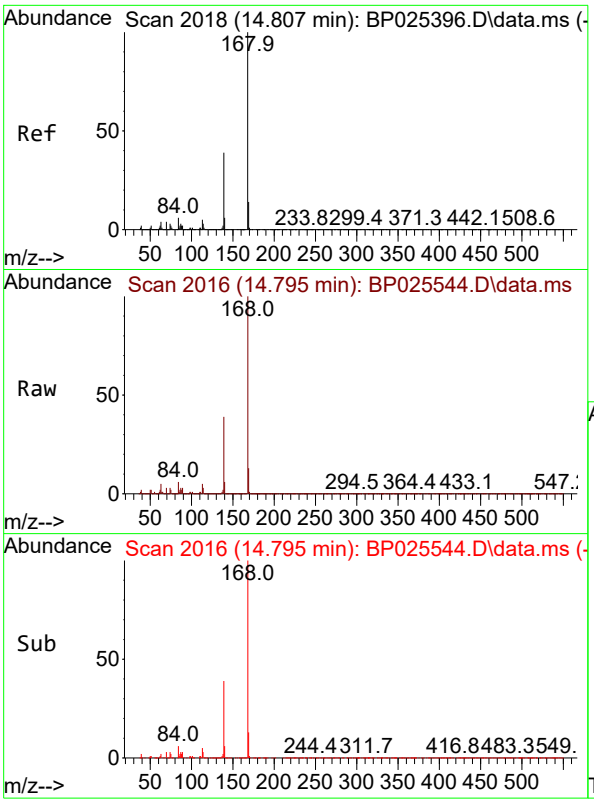


#54
2,4-Dinitrophenol
Concen: 55.404 ng
RT: 14.495 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

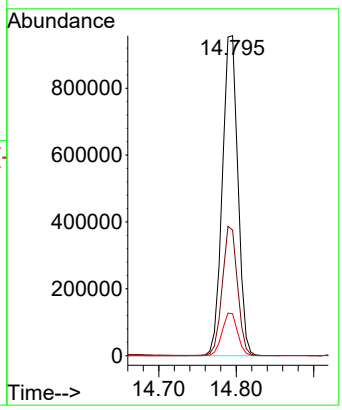




#55
Dibenzofuran
Concen: 38.443 ng
RT: 14.795 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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



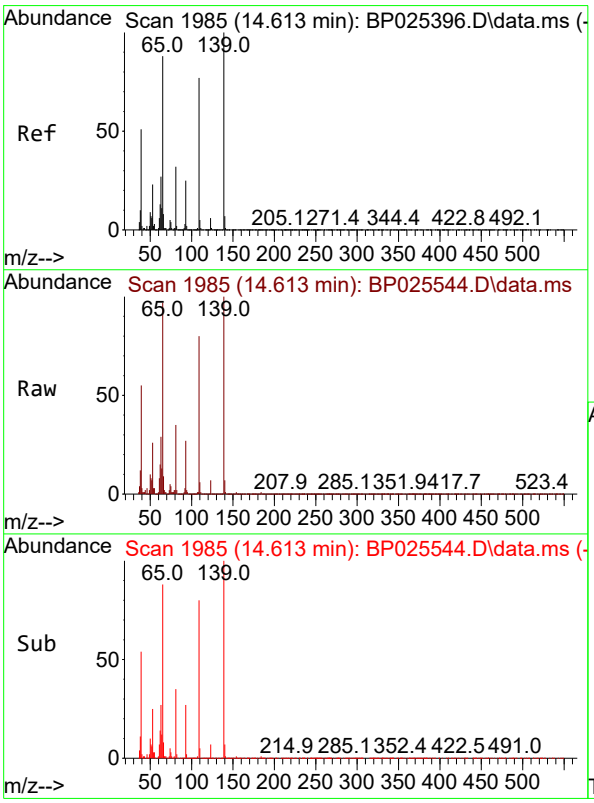
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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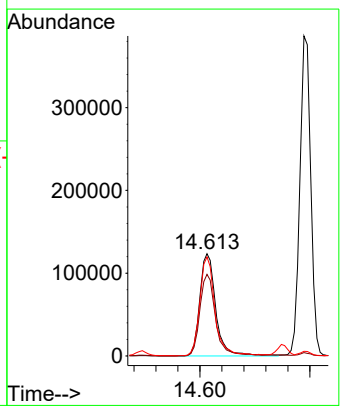
08/25/2025

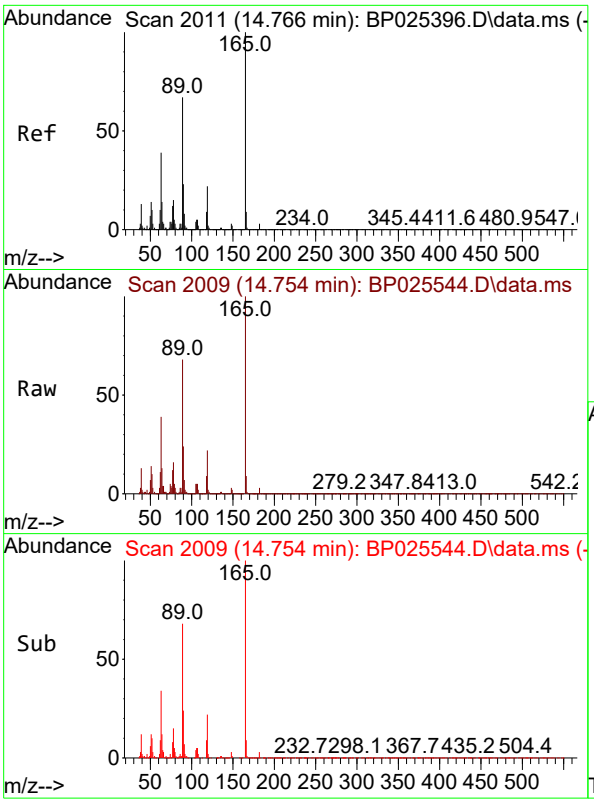


#56
4-Nitrophenol
Concen: 43.566 ng
RT: 14.613 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

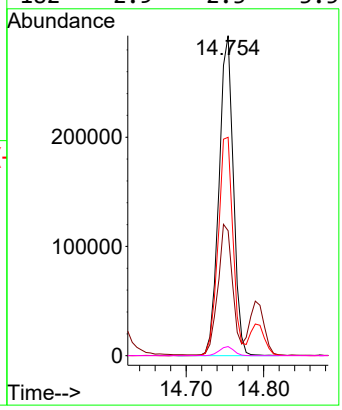




#57
2,4-Dinitrotoluene
Concen: 42.783 ng
RT: 14.754 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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



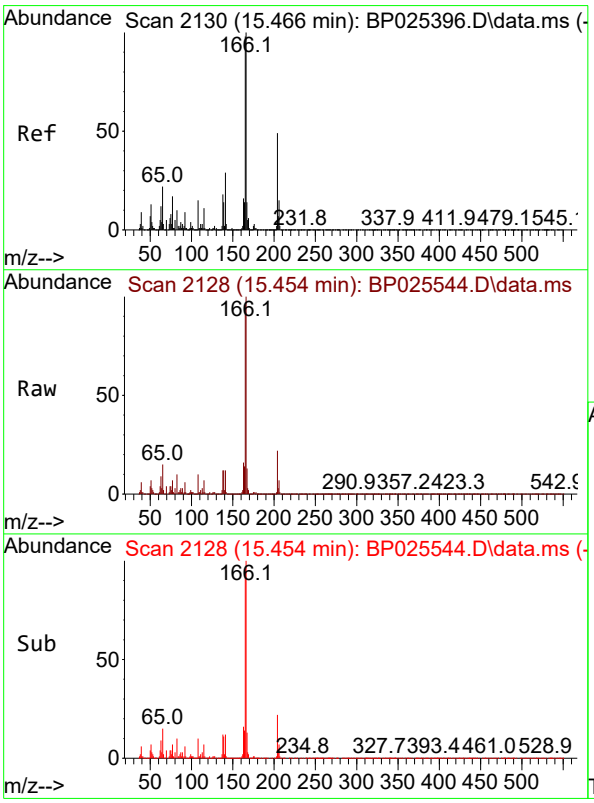
Instrument :
BNA_P
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SSTDCCC040

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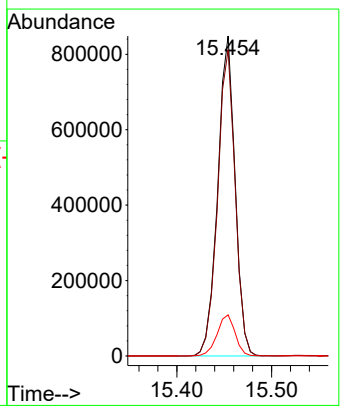
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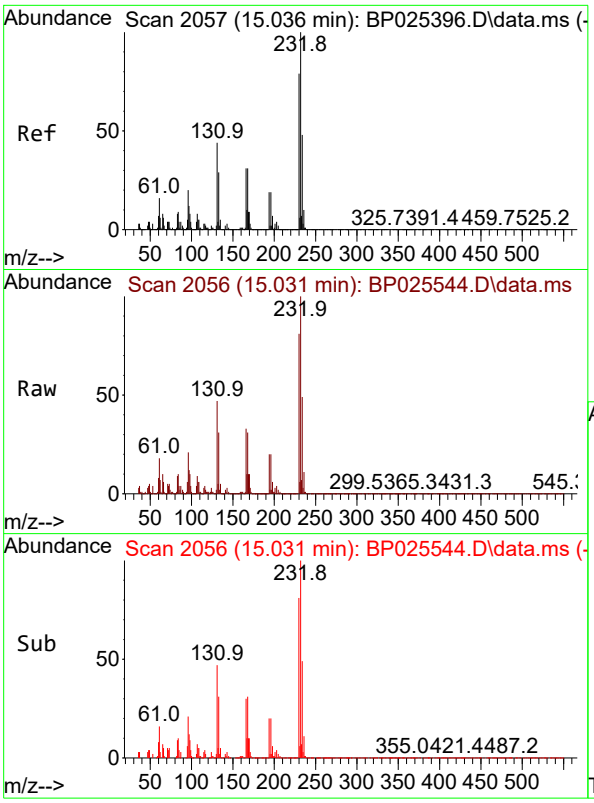


#58
Fluorene
Concen: 39.409 ng
RT: 15.454 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

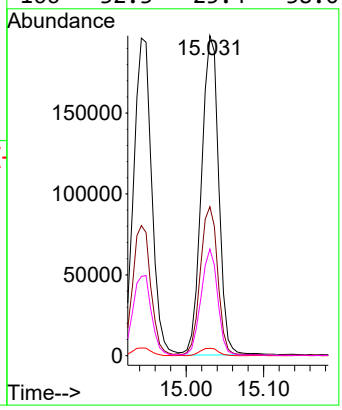




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.427 ng
RT: 15.031 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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



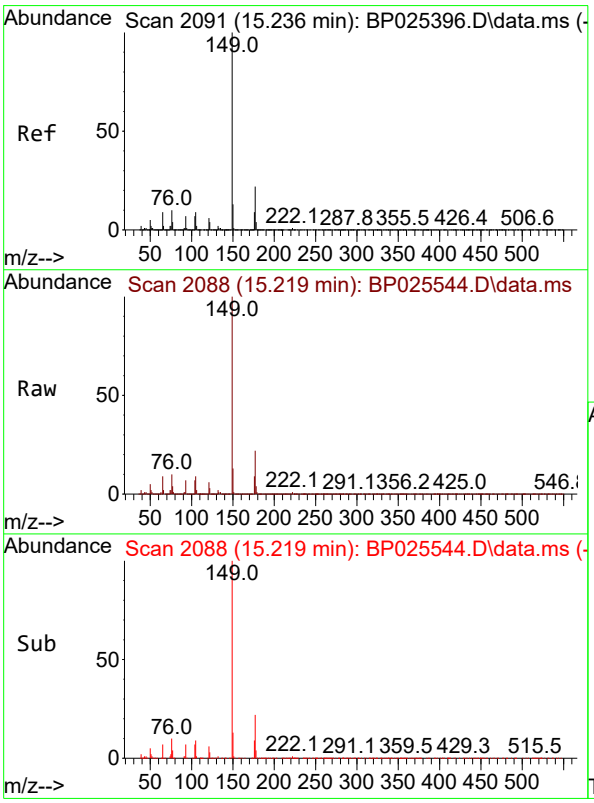
Instrument :
BNA_P
ClientSampleId :
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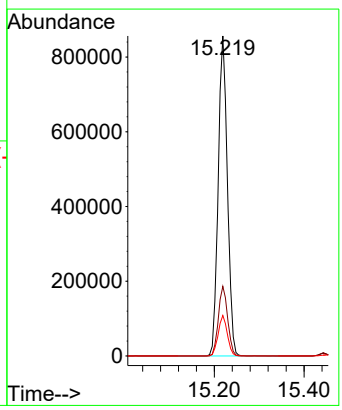
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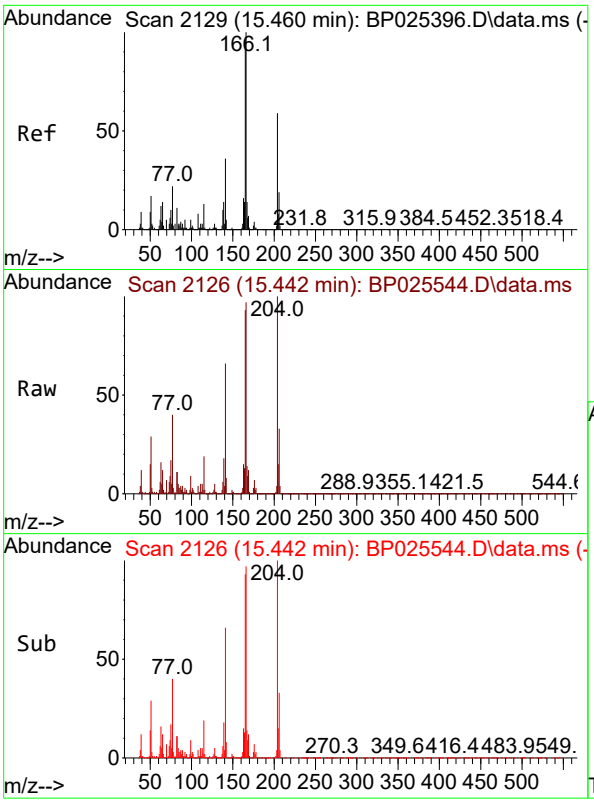


#60
Diethylphthalate
Concen: 40.853 ng
RT: 15.219 min Scan# 2088
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

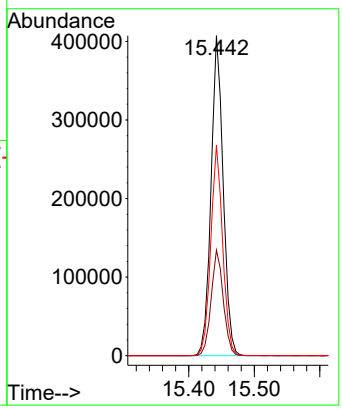
Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.8	38.8
141	65.8	49.4	74.2

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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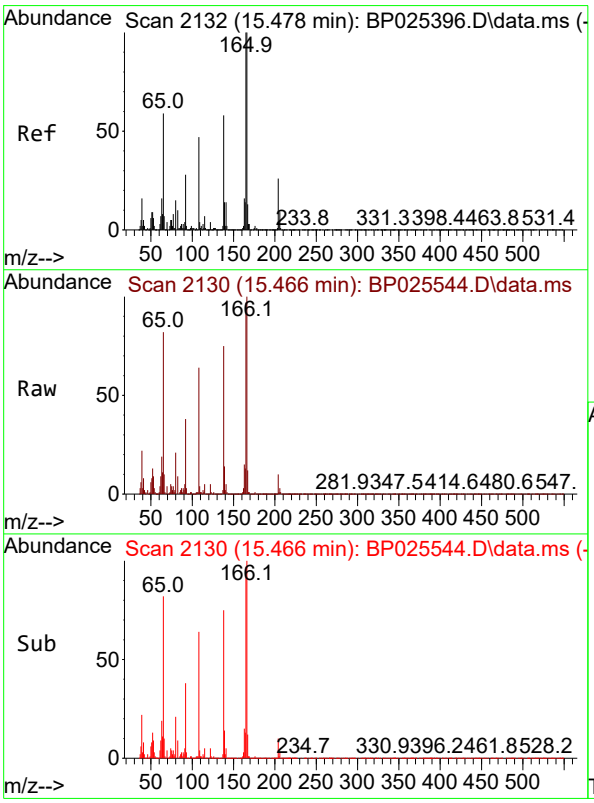
Reviewed By :Rahul Chavli

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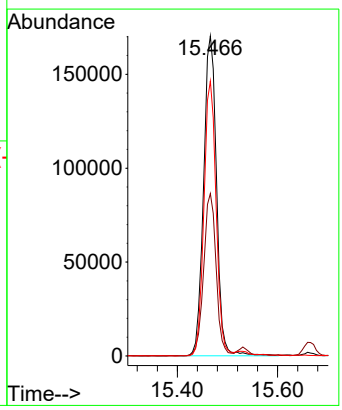
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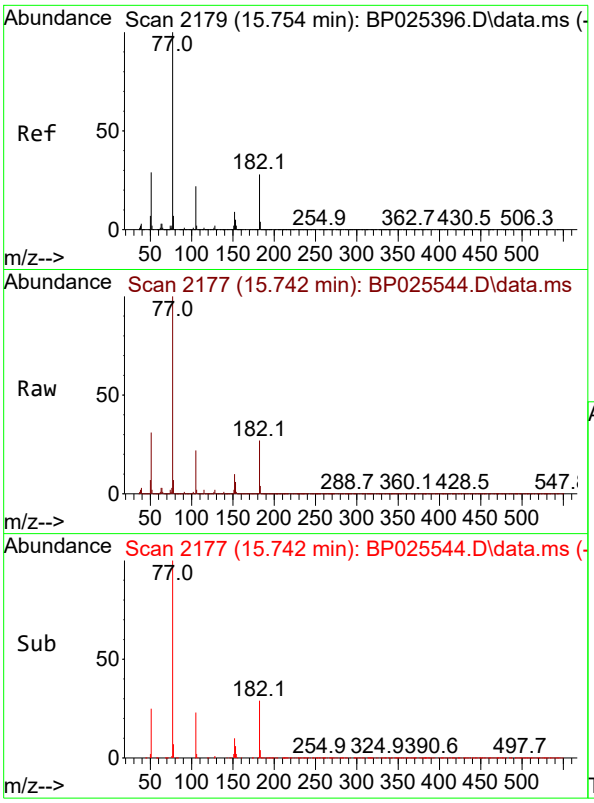


#62
4-Nitroaniline
Concen: 42.887 ng
RT: 15.466 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

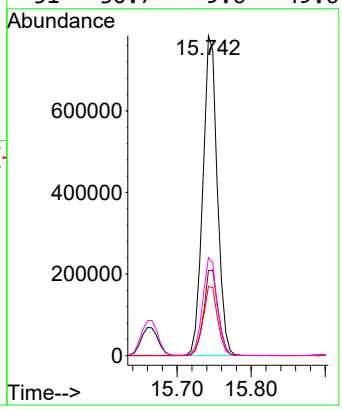




#63
Azobenzene
Concen: 41.564 ng
RT: 15.742 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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 :
BNA_P
ClientSampleId :
SSTDCCC040

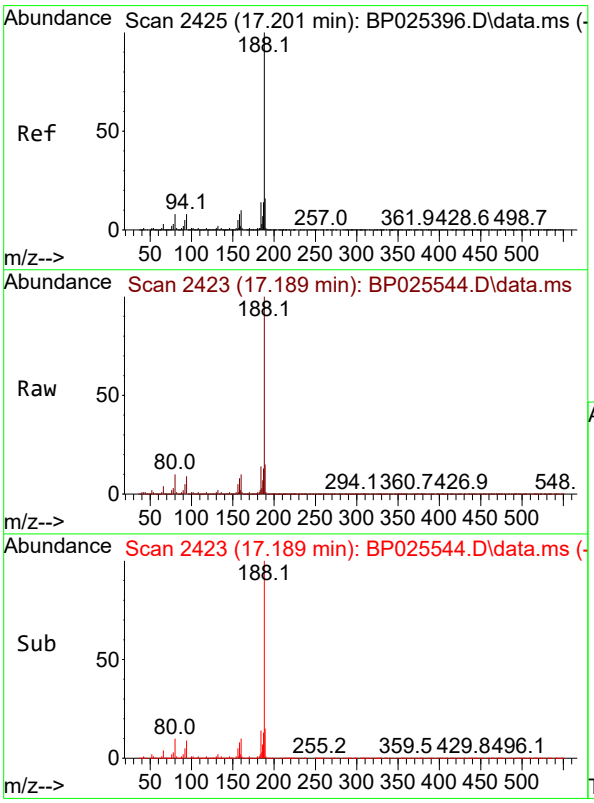
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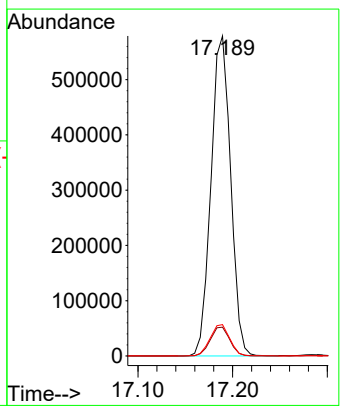
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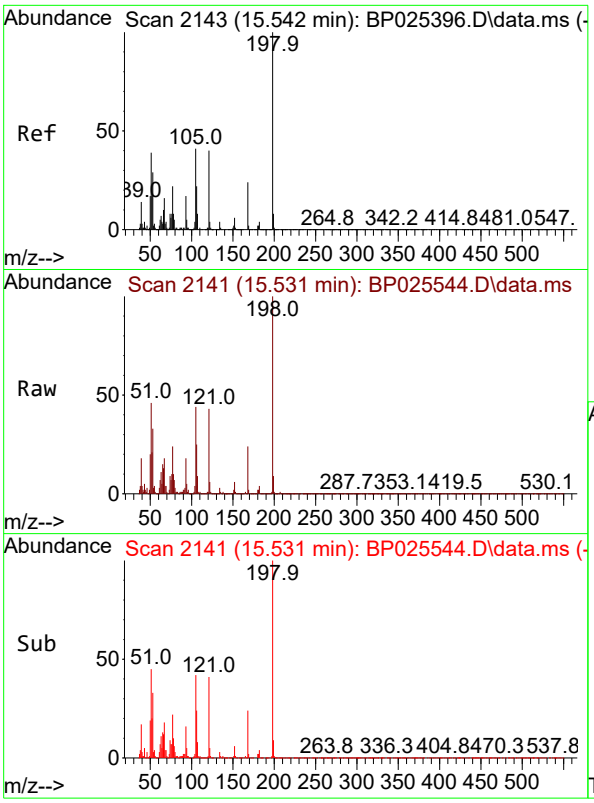


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

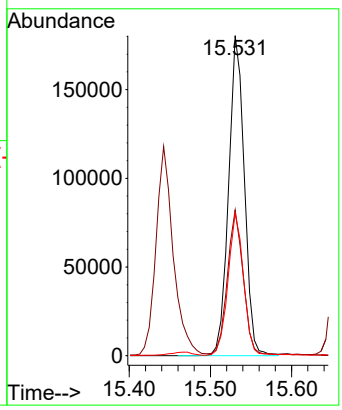




#65
4,6-Dinitro-2-methylphenol
Concen: 46.762 ng
RT: 15.531 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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



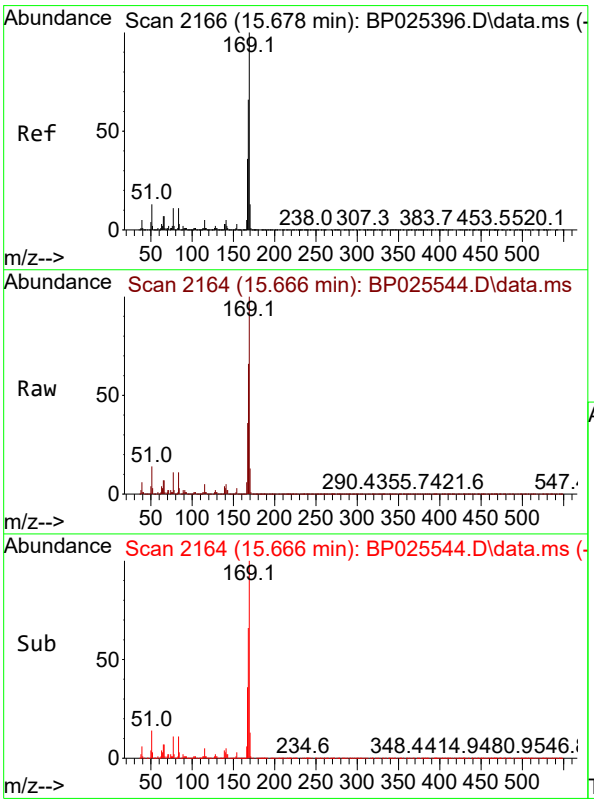
Instrument :
BNA_P
ClientSampleId :
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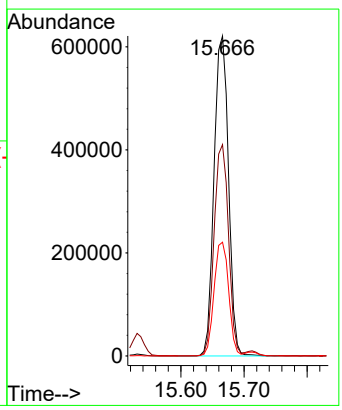
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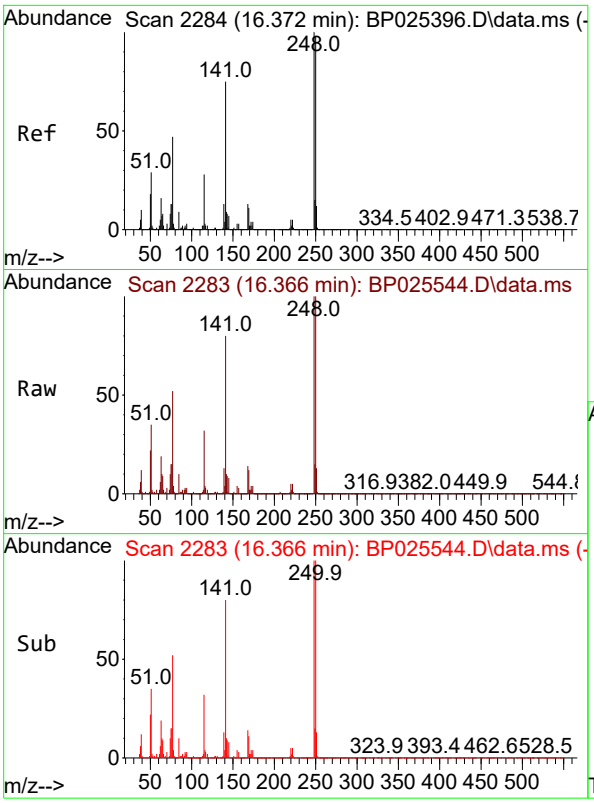


#66
n-Nitrosodiphenylamine
Concen: 38.676 ng
RT: 15.666 min Scan# 2164
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

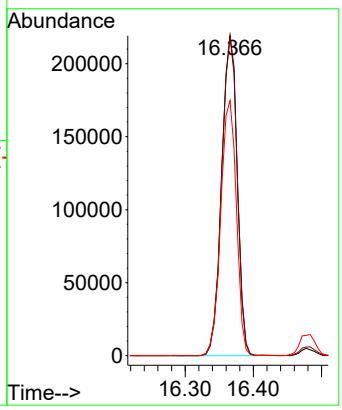




#67
4-Bromophenyl-phenylether
Concen: 38.093 ng
RT: 16.366 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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 :
BNA_P
ClientSampleId :
SSTDCCC040

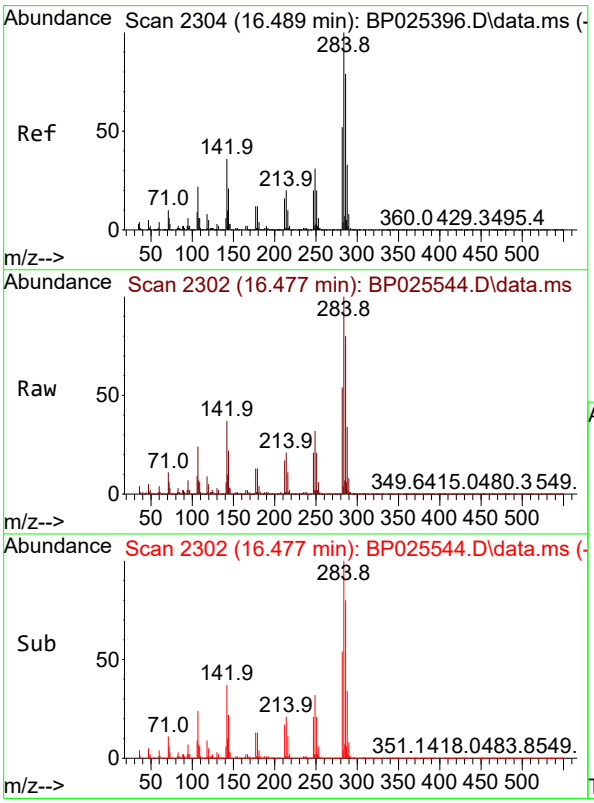
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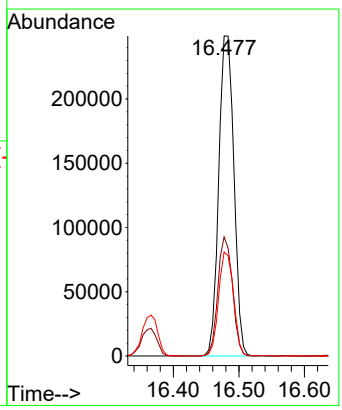
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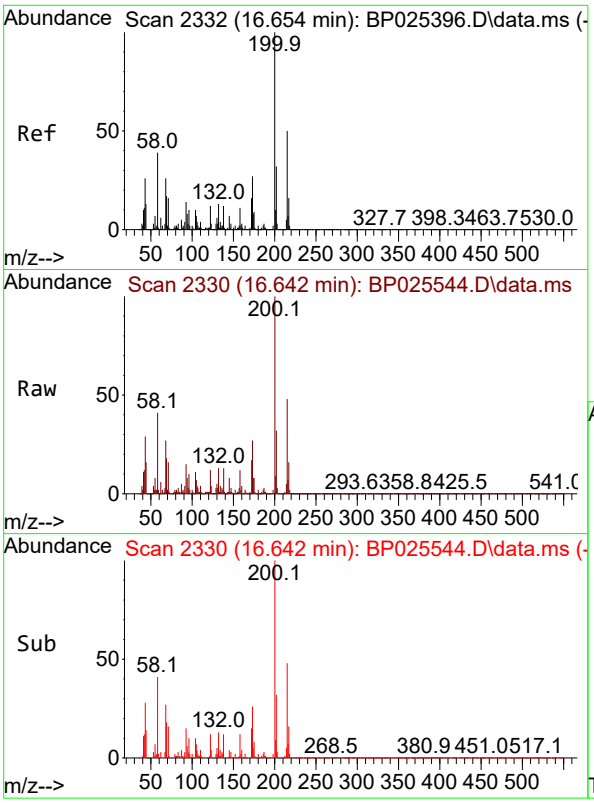


#68
Hexachlorobenzene
Concen: 37.412 ng
RT: 16.477 min Scan# 2302
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

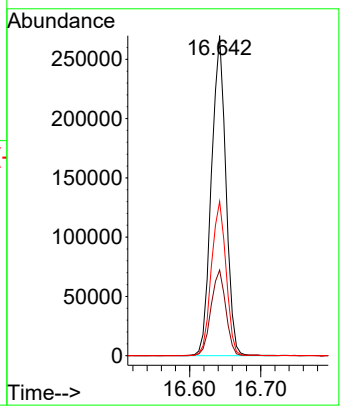




#69
Atrazine
Concen: 40.001 ng
RT: 16.642 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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



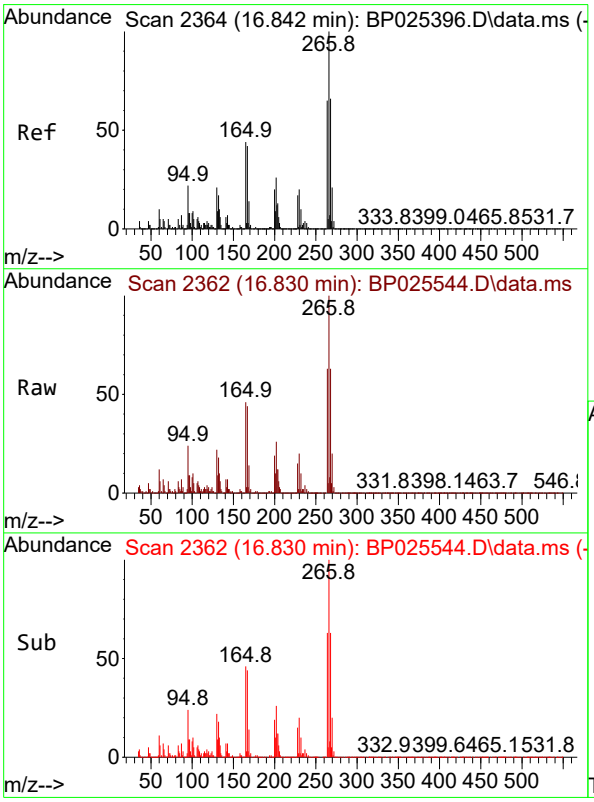
Instrument :
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ClientSampleId :
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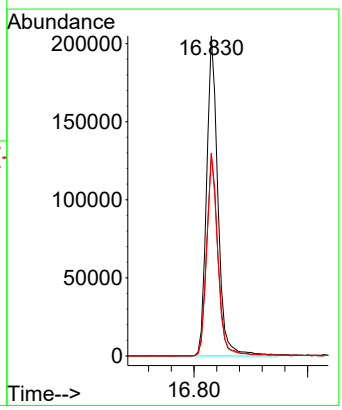
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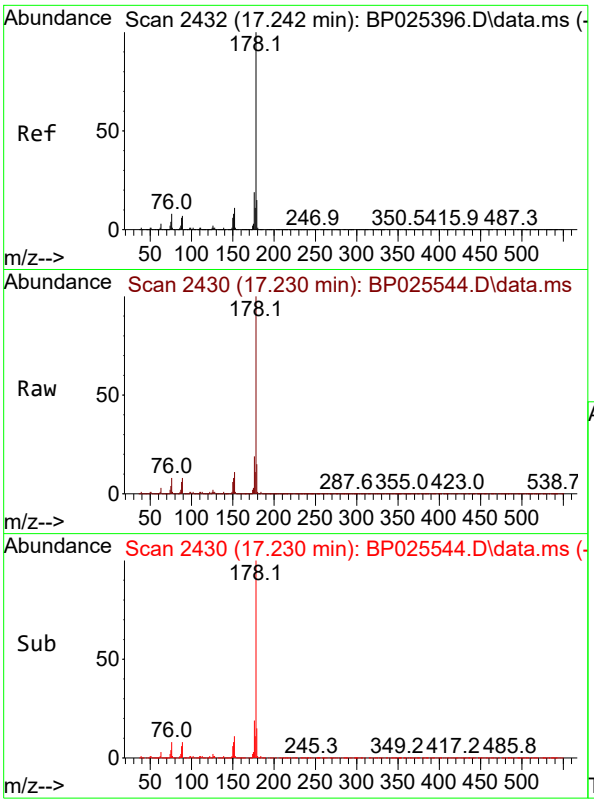


#70
Pentachlorophenol
Concen: 41.994 ng
RT: 16.830 min Scan# 2362
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

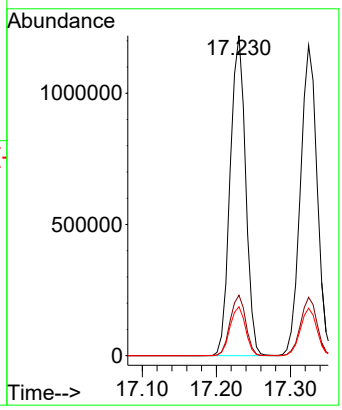




#71
Phenanthrene
Concen: 38.537 ng
RT: 17.230 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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



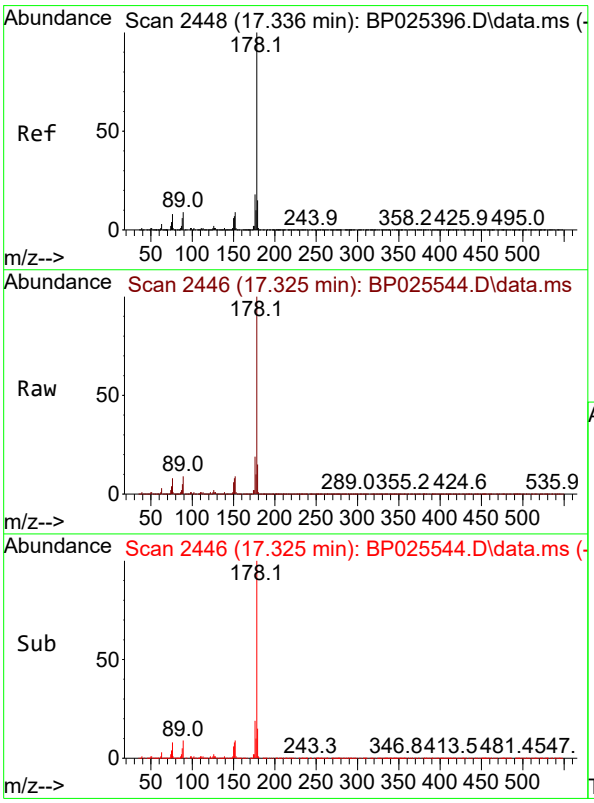
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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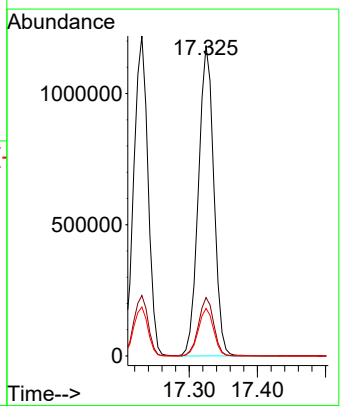
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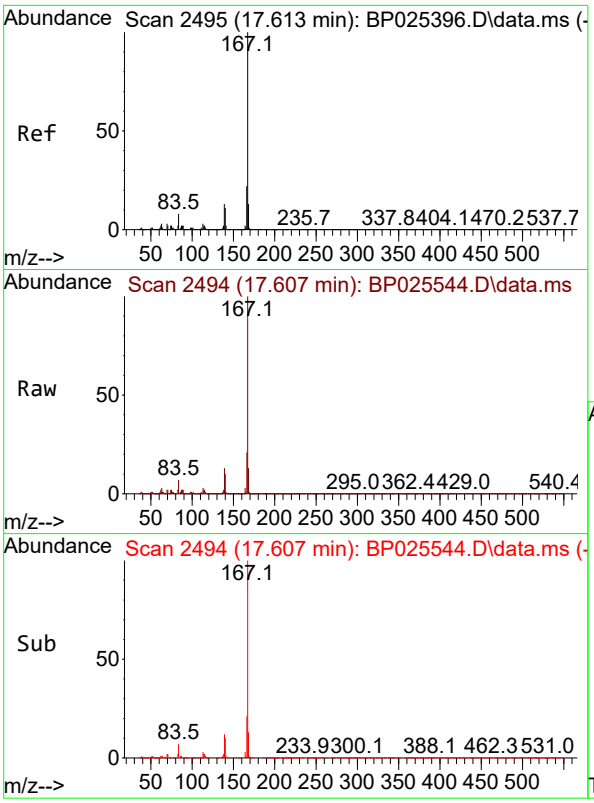


#72
Anthracene
Concen: 39.676 ng
RT: 17.325 min Scan# 2446
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

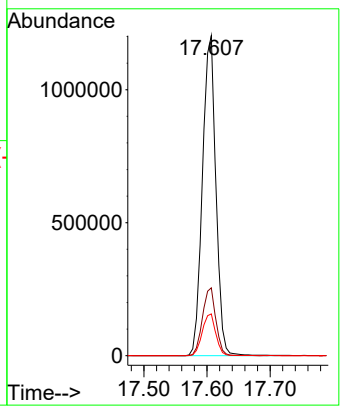




#73
Carbazole
Concen: 40.278 ng
RT: 17.607 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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



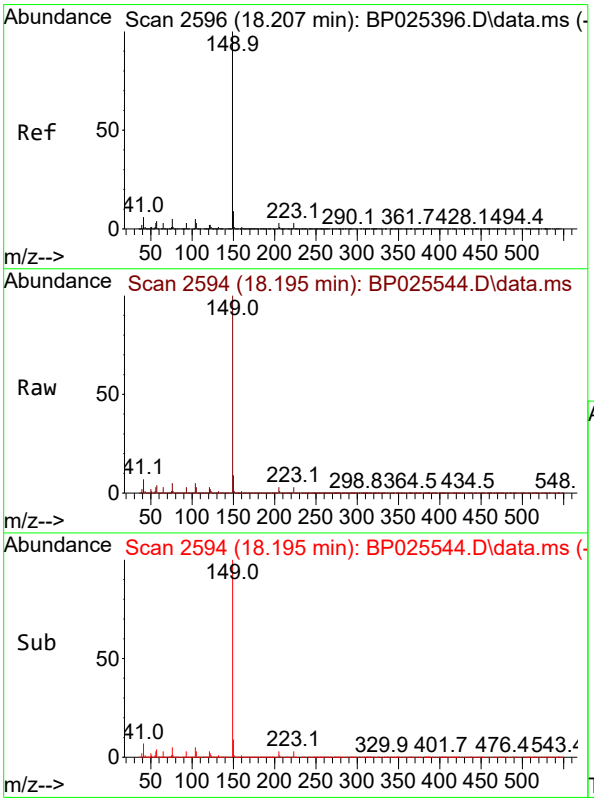
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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Supervised By :Jagrut Upadhyay

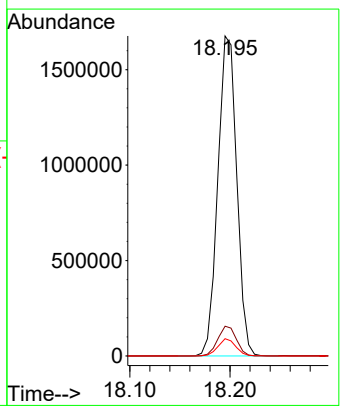
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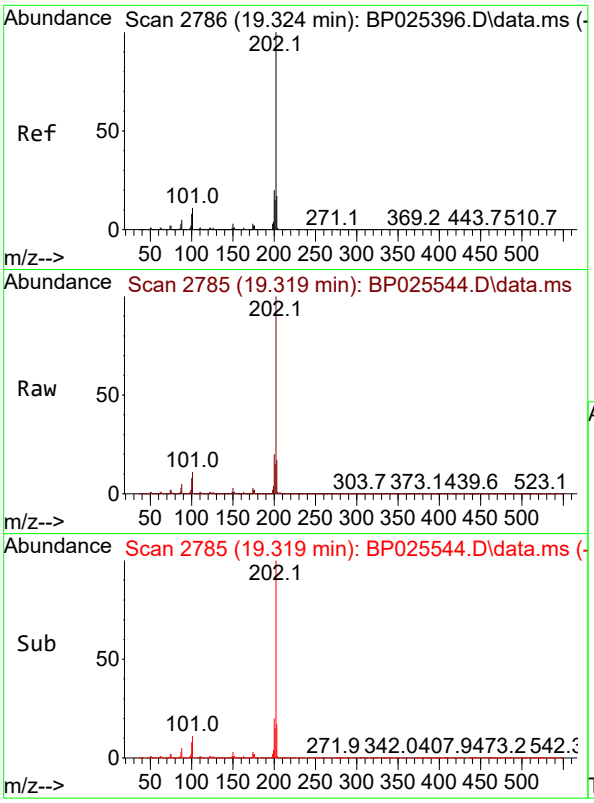


#74
Di-n-butylphthalate
Concen: 40.423 ng
RT: 18.195 min Scan# 2594
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

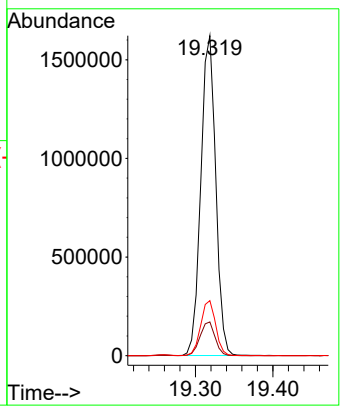




#75
Fluoranthene
Concen: 39.558 ng
RT: 19.319 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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 :
SSTDCCC040

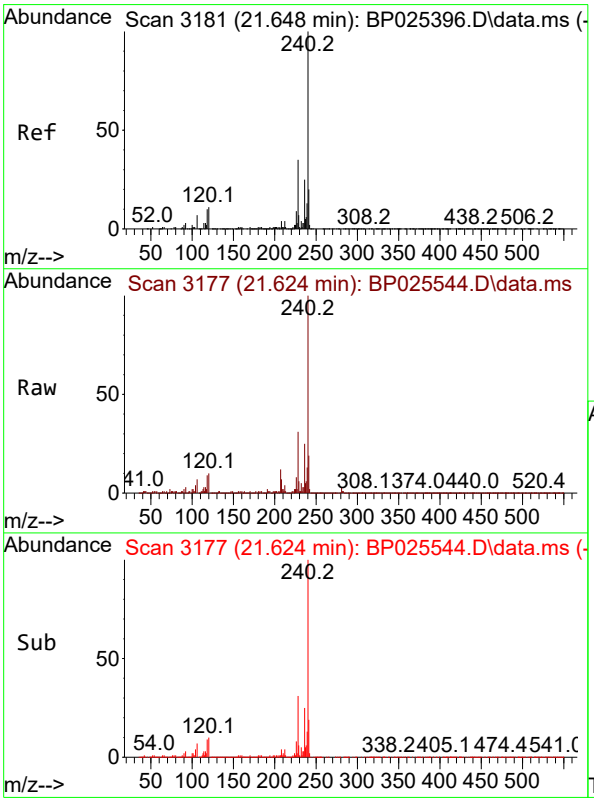
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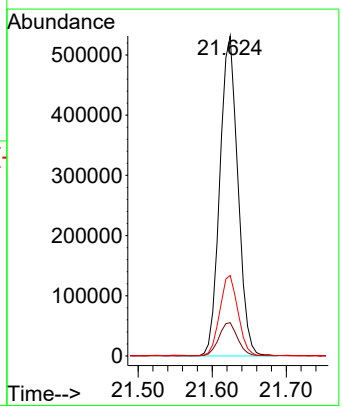
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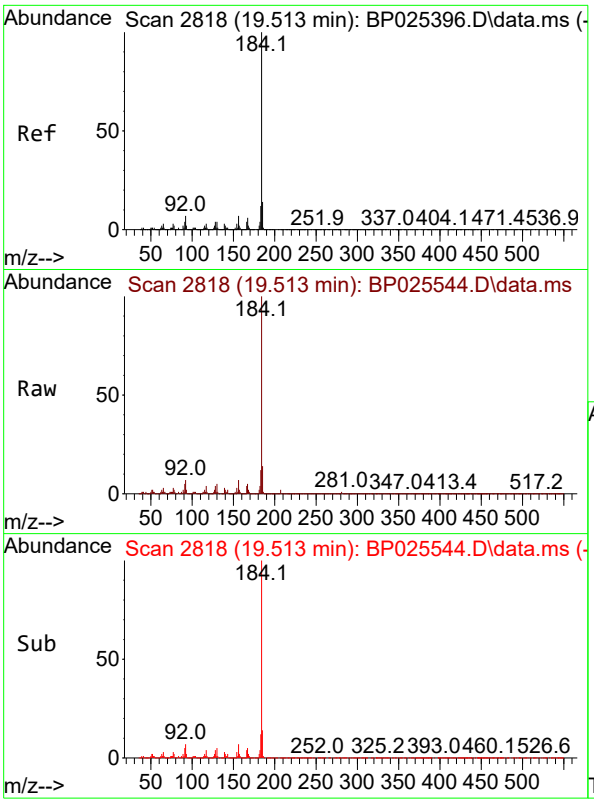


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 3177
Delta R.T. -0.024 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

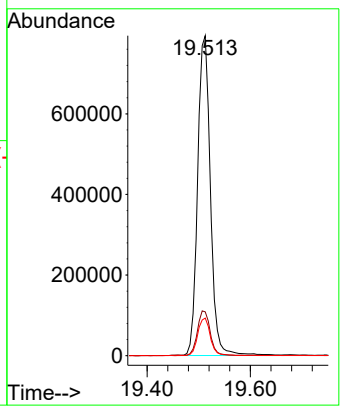




#77
Benzidine
Concen: 44.453 ng
RT: 19.513 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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



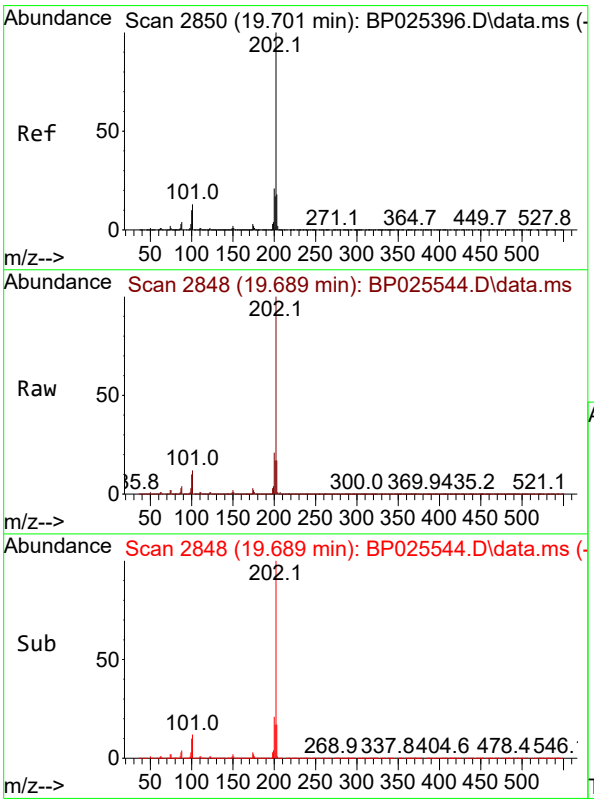
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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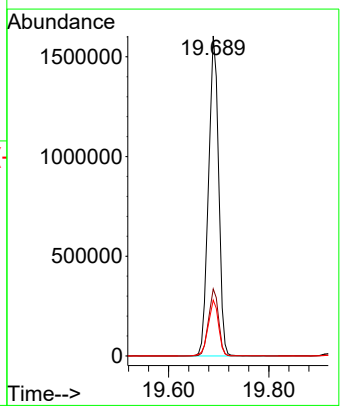
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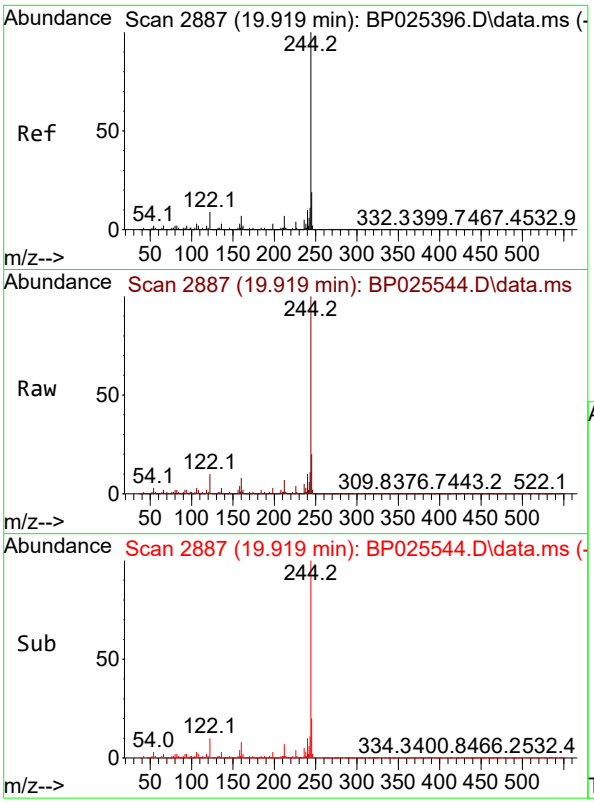


#78
Pyrene
Concen: 38.605 ng
RT: 19.689 min Scan# 2848
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

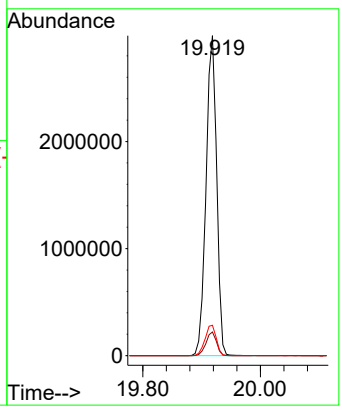




#79
Terphenyl-d14
Concen: 76.157 ng
RT: 19.919 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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 :
SSTDCCC040

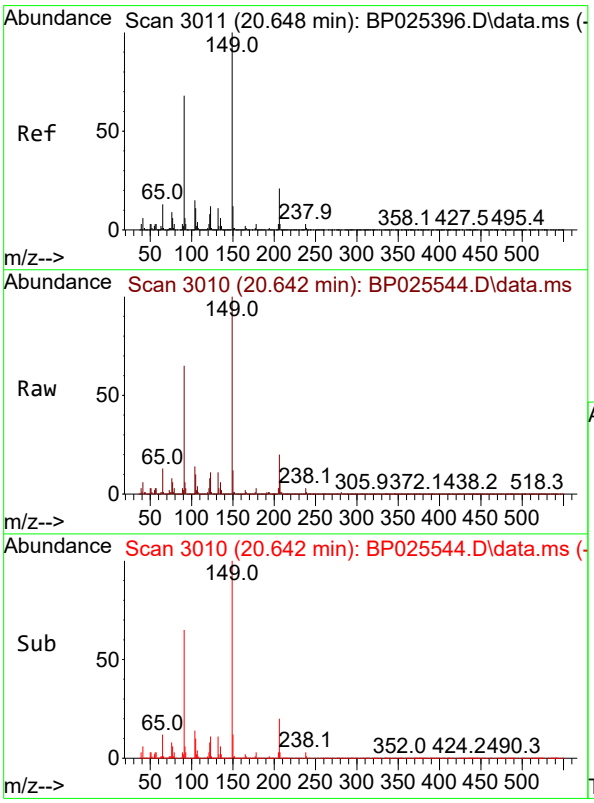
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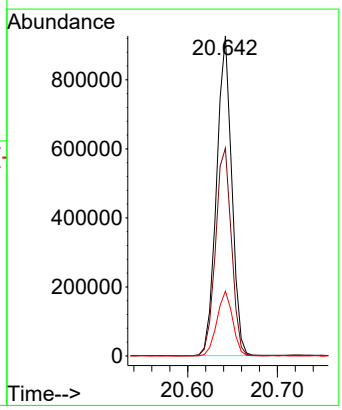
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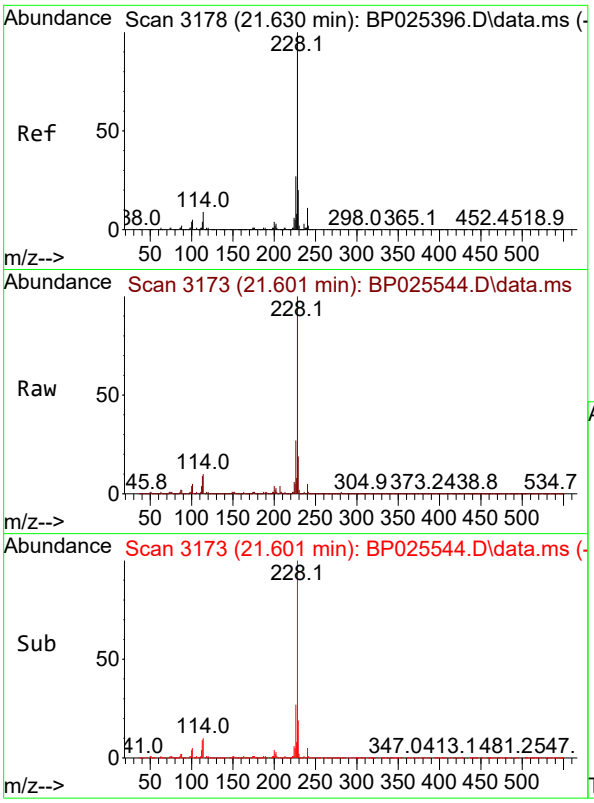


#80
Butylbenzylphthalate
Concen: 41.220 ng
RT: 20.642 min Scan# 3010
Delta R.T. -0.006 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

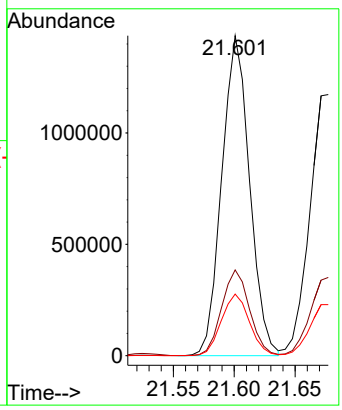




#81
Benzo(a)anthracene
Concen: 38.592 ng
RT: 21.601 min Scan# 3
Delta R.T. -0.029 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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



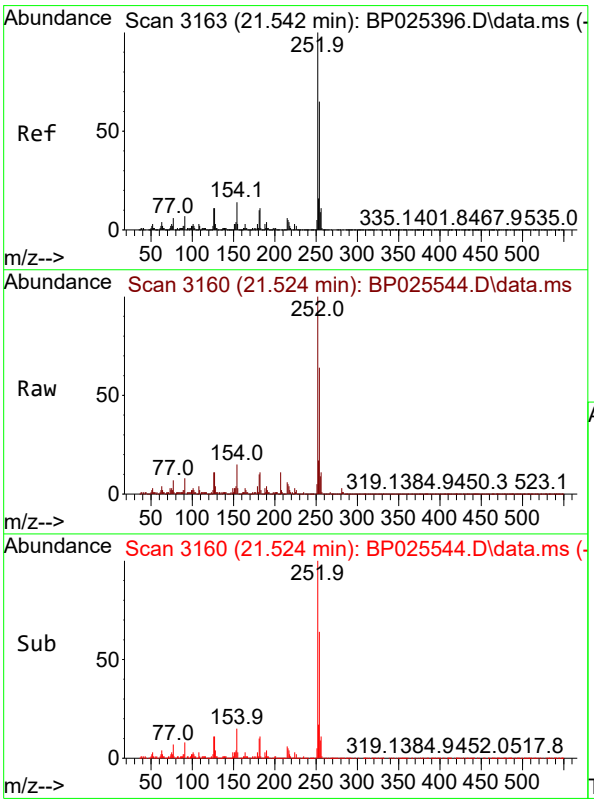
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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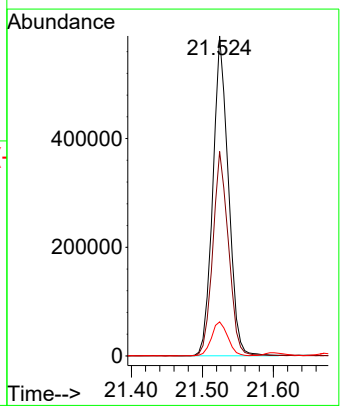
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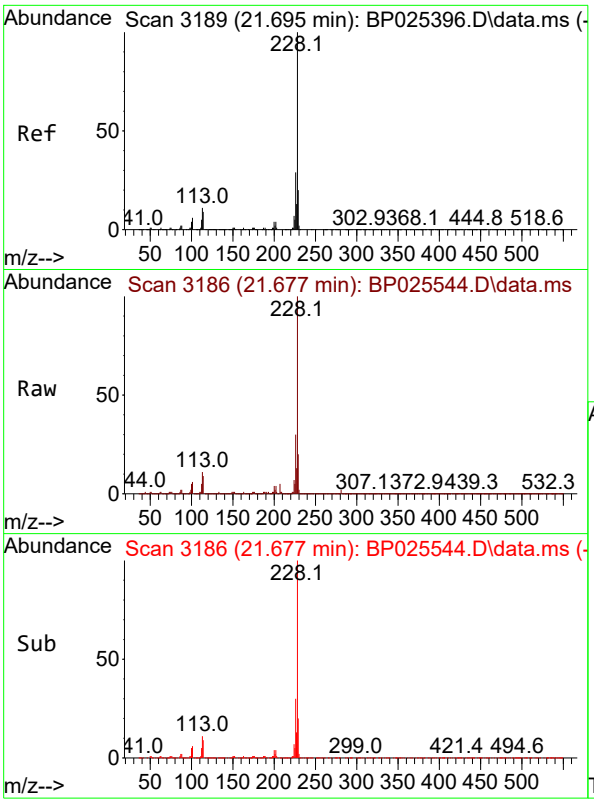


#82
3,3'-Dichlorobenzidine
Concen: 40.001 ng
RT: 21.524 min Scan# 3160
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

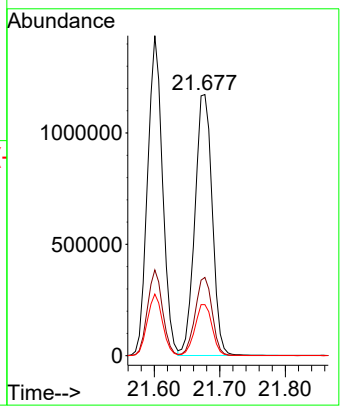




#83
Chrysene
Concen: 38.902 ng
RT: 21.677 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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



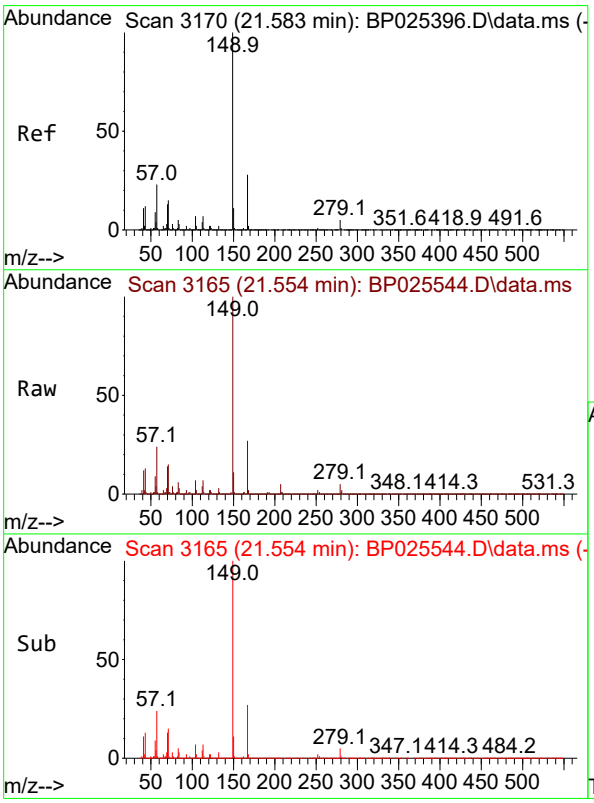
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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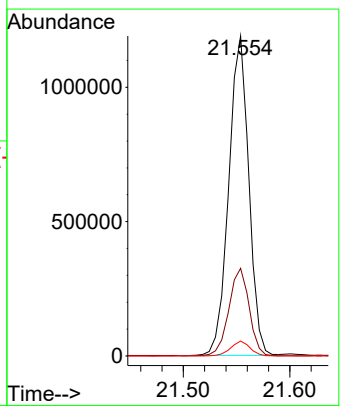
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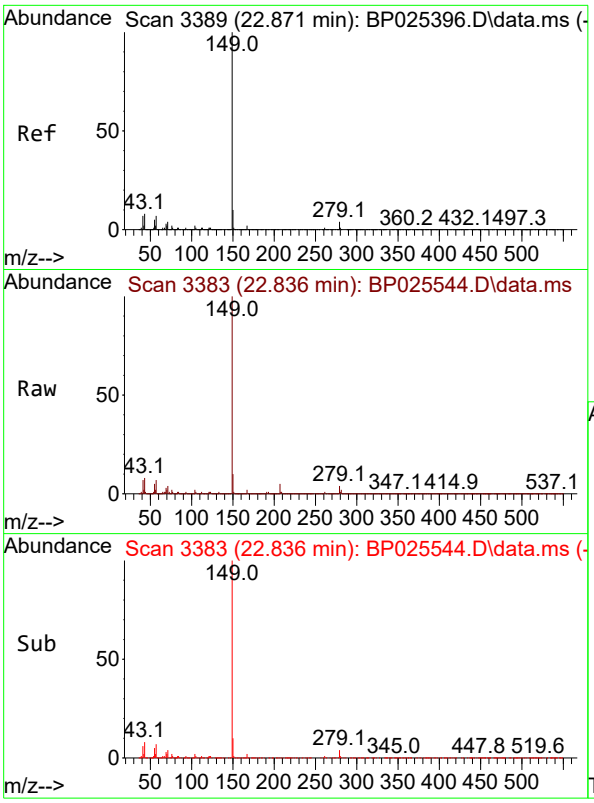


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.923 ng
RT: 21.554 min Scan# 3165
Delta R.T. -0.029 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

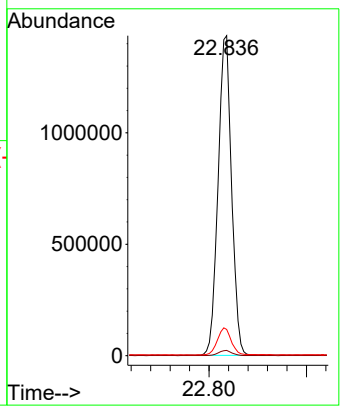




#85
Di-n-octyl phthalate
Concen: 41.326 ng
RT: 22.836 min Scan# 3
Delta R.T. -0.035 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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



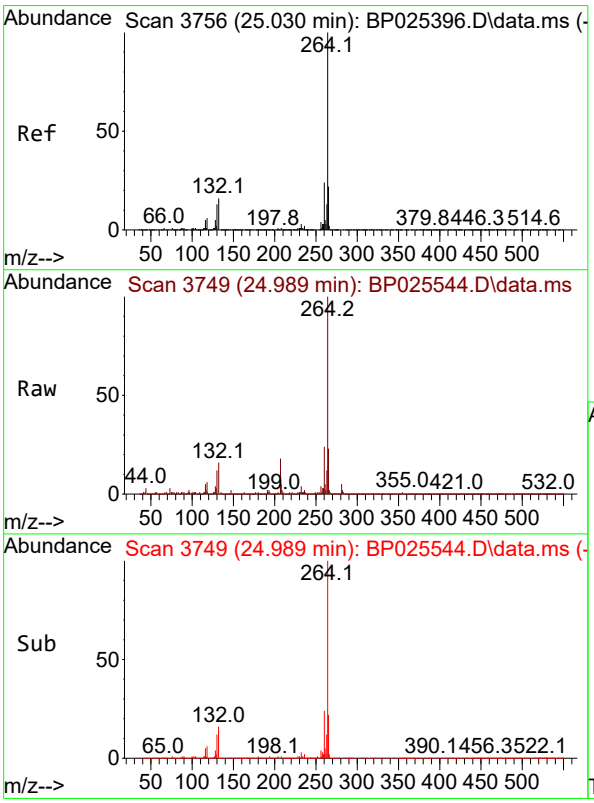
Instrument :
BNA_P
ClientSampleId :
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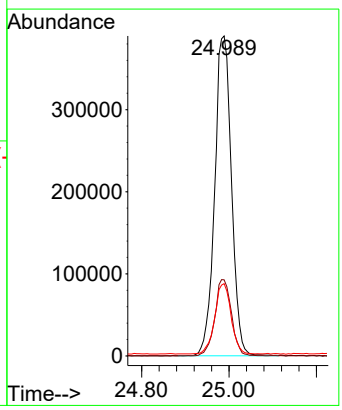
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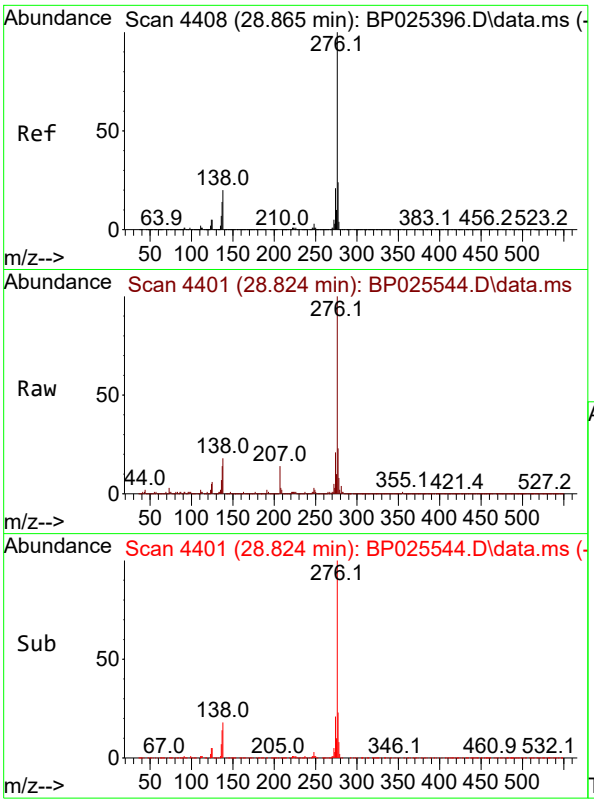


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.989 min Scan# 3749
Delta R.T. -0.041 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

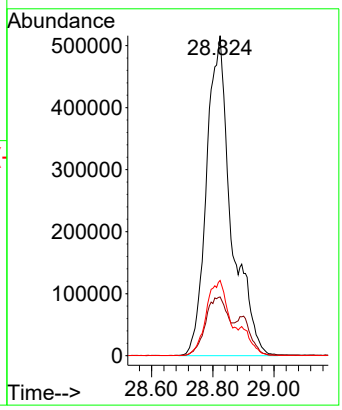




#87
Indeno(1,2,3-cd)pyrene
Concen: 38.231 ng m
RT: 28.824 min Scan# 4
Delta R.T. -0.041 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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



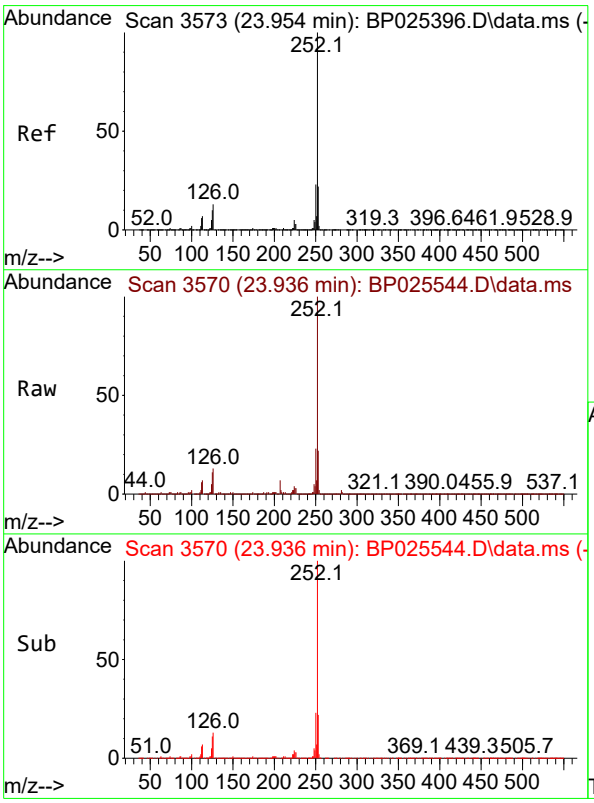
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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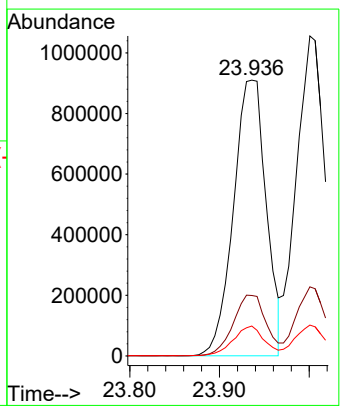
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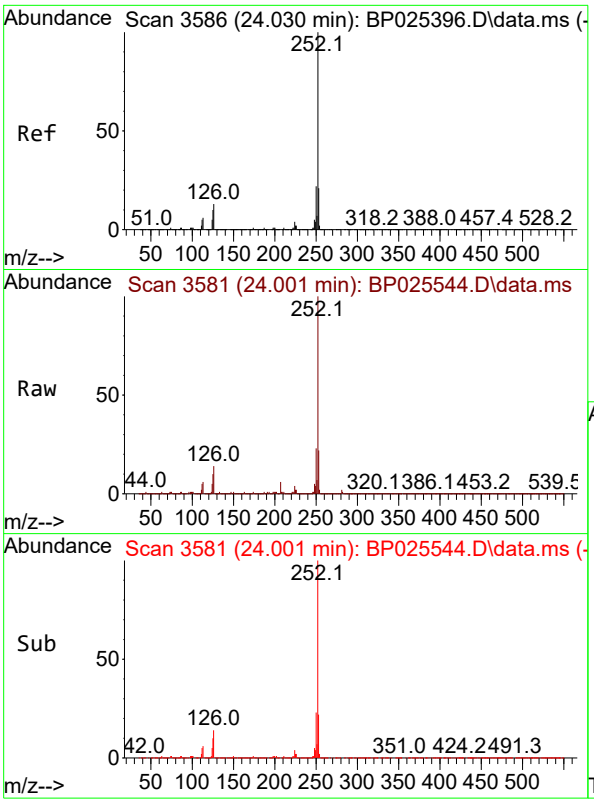


#88
Benzo(b)fluoranthene
Concen: 37.804 ng
RT: 23.936 min Scan# 3570
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

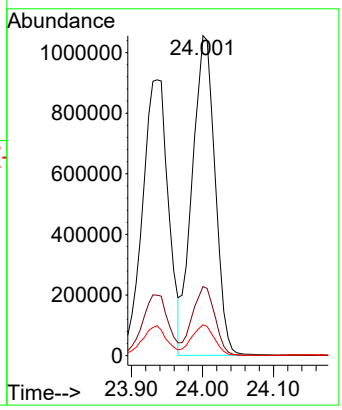




#89
Benzo(k)fluoranthene
Concen: 38.610 ng
RT: 24.001 min Scan# 3
Delta R.T. -0.029 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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



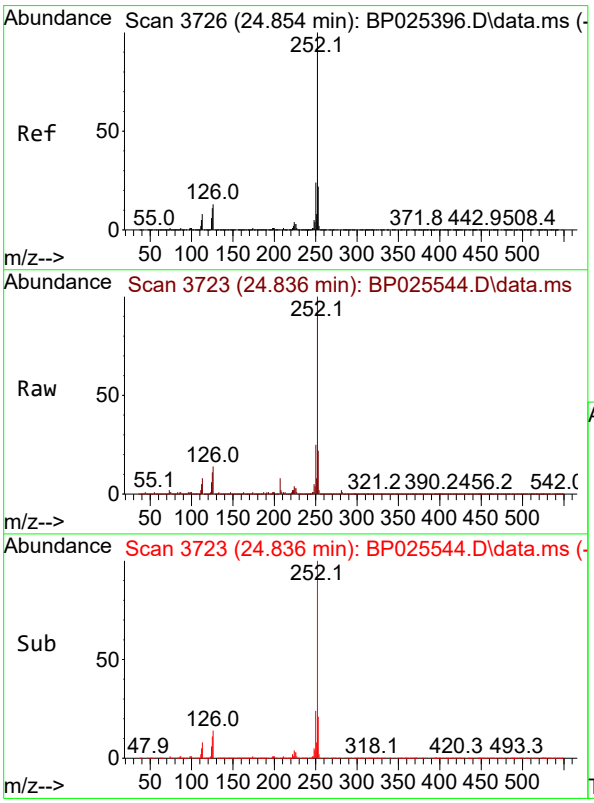
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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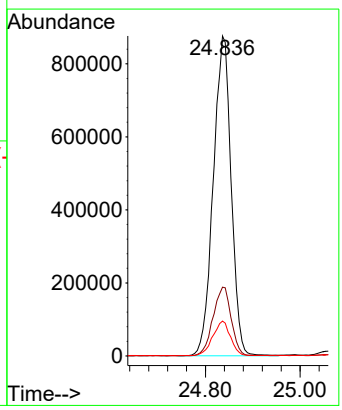
08/25/2025

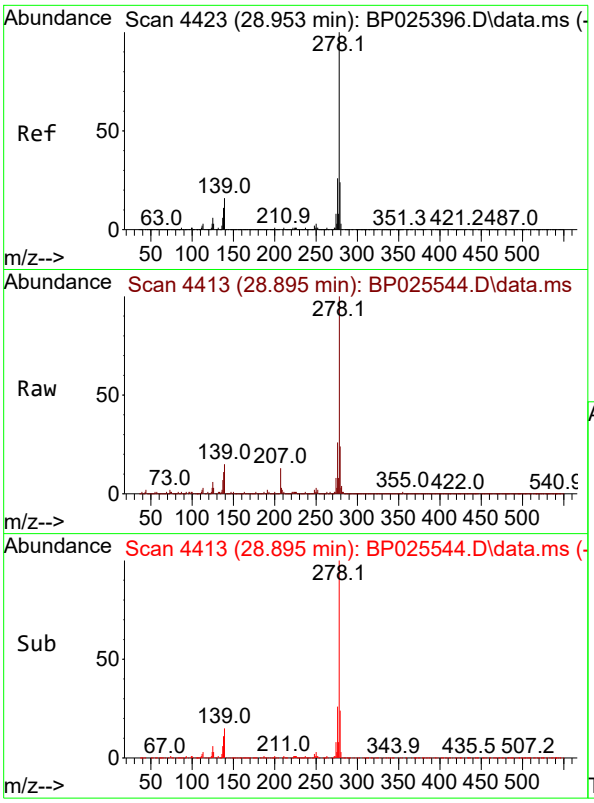


#90
Benzo(a)pyrene
Concen: 38.568 ng
RT: 24.836 min Scan# 3723
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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

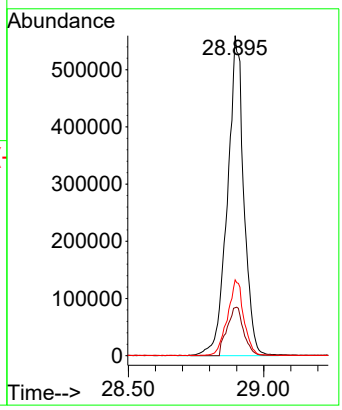




#91
Dibenzo(a,h)anthracene
Concen: 37.987 ng
RT: 28.895 min Scan# 4
Delta R.T. -0.059 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

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



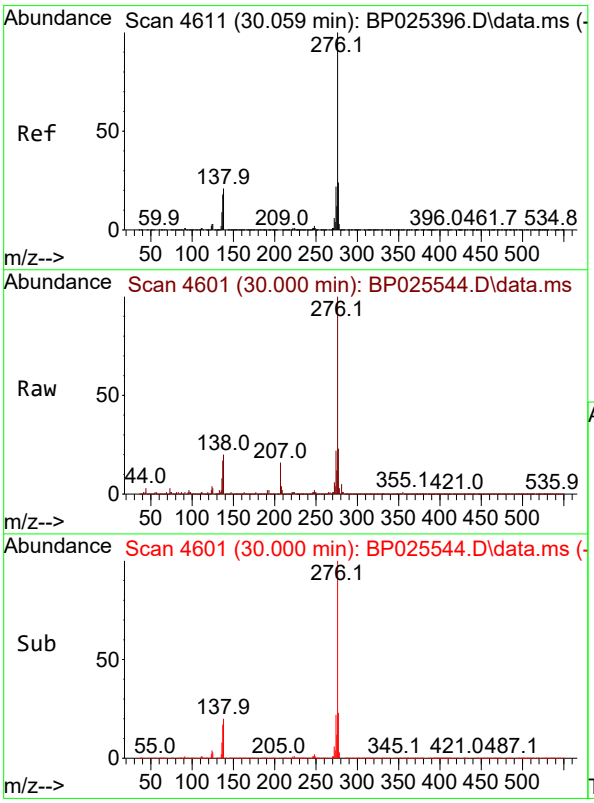
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

08/25/2025
Supervised By :Jagrut Upadhyay

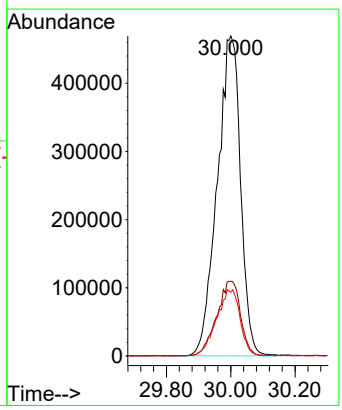
08/25/2025



#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

QC SAMPLE DATA

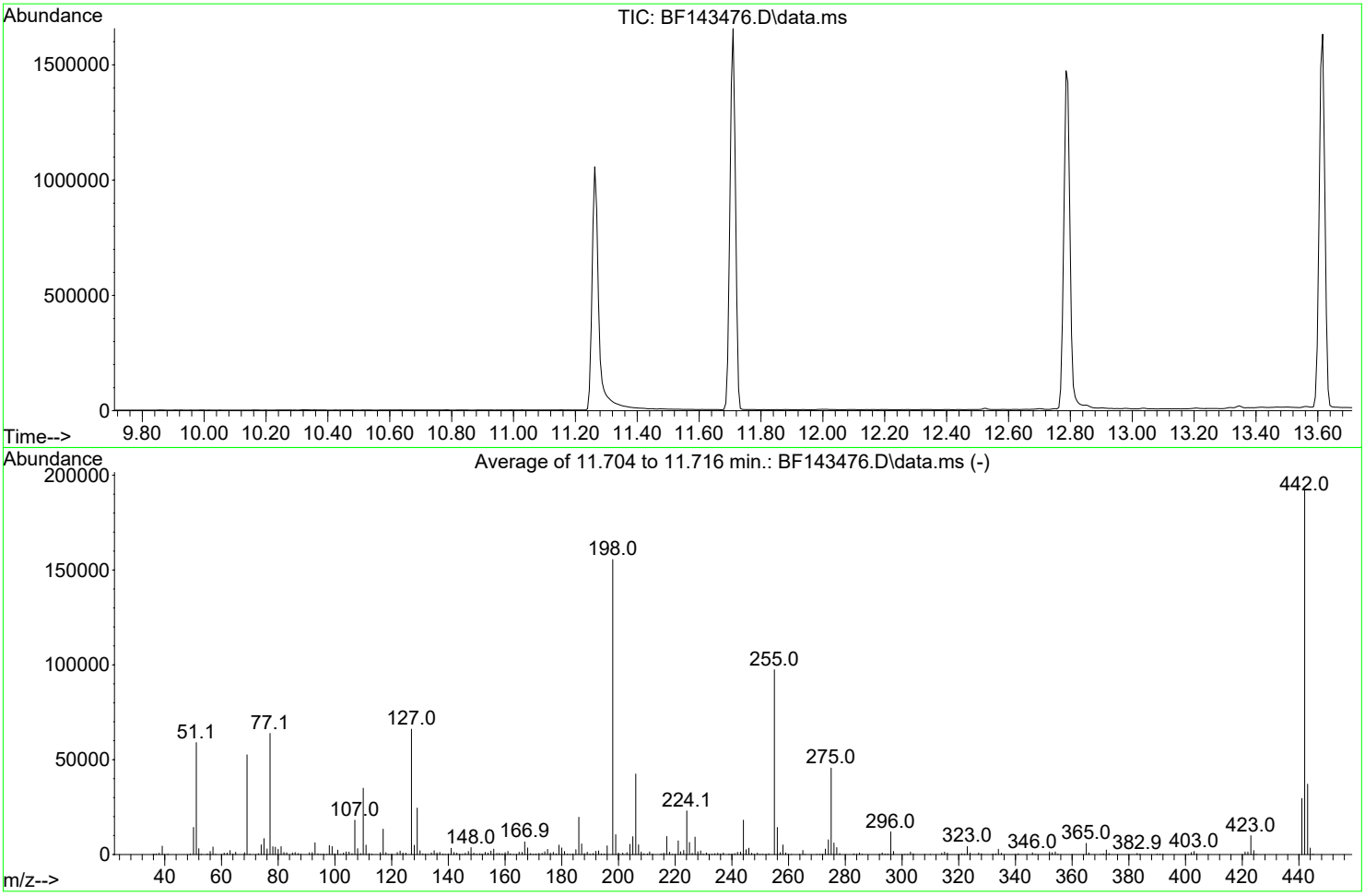
Sample Results: **BF143476.D**

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

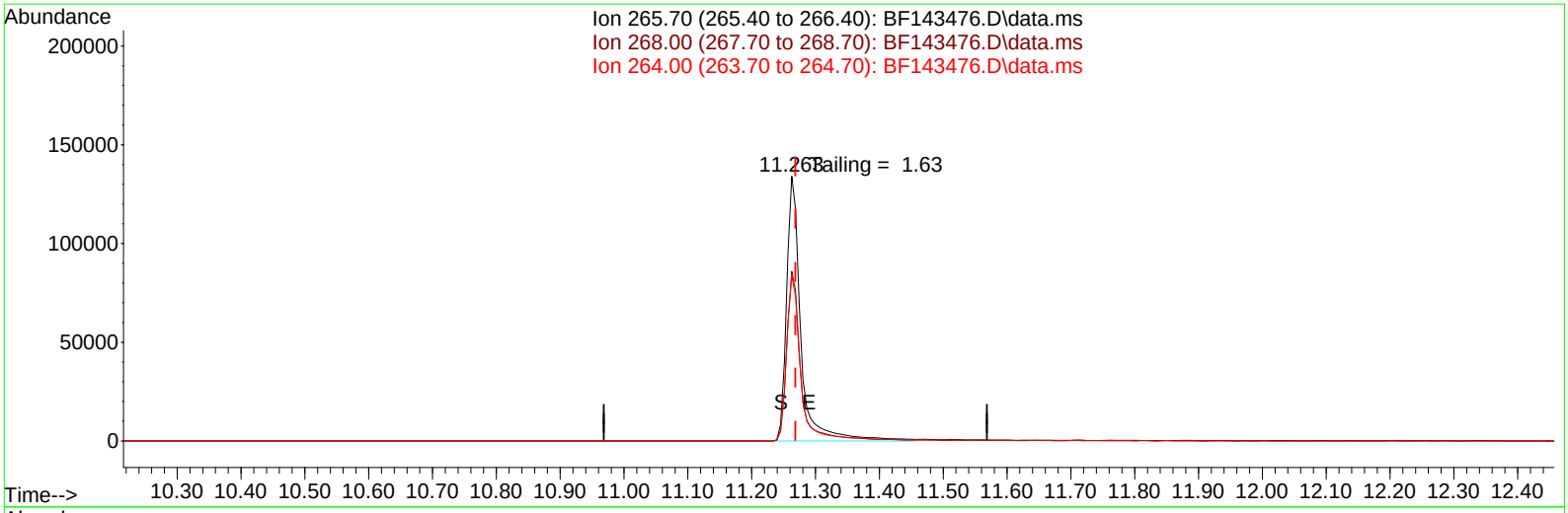
Instrument :
BNA_F
ClientSampleId :
DFTPP

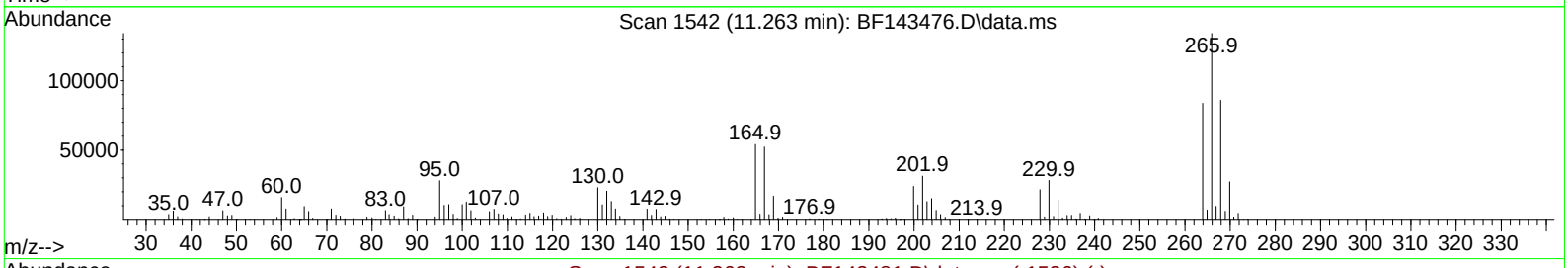
Sample Results: **BF143476.D**

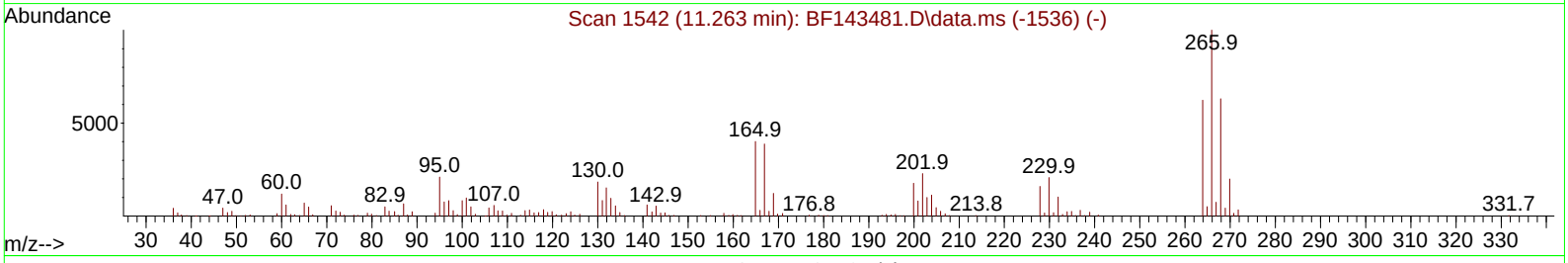
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143476.D
Acq On : 20 Aug 2025 10:26
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

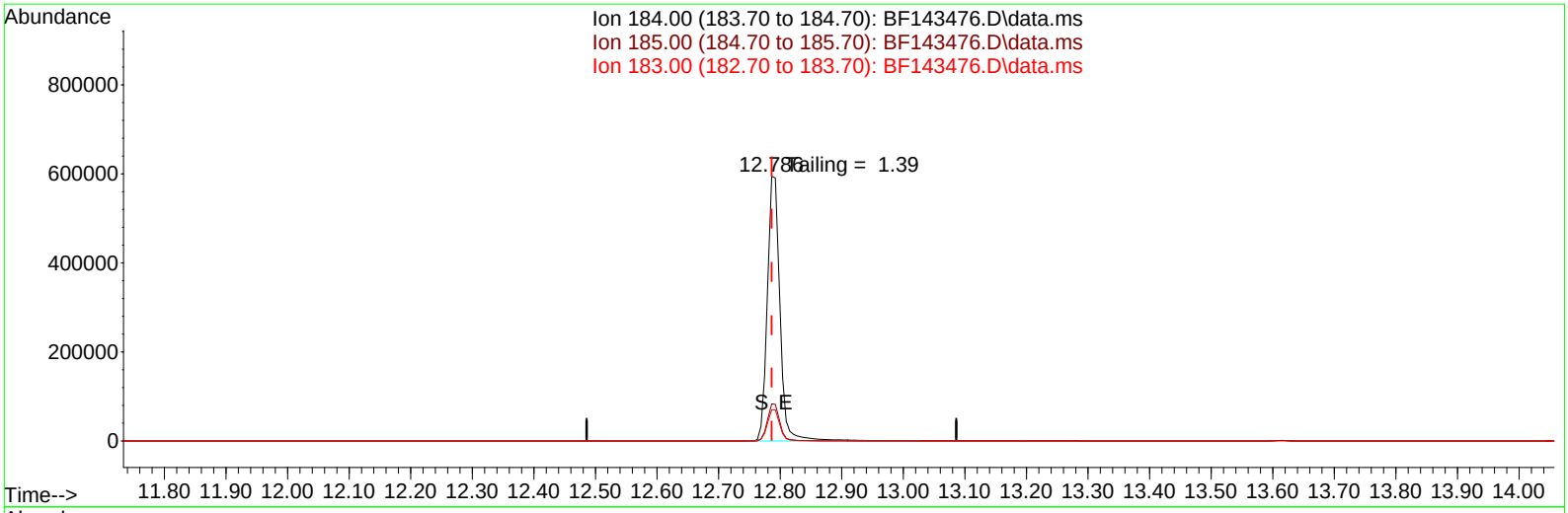
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.10	64.07
264.00	62.30	62.45
0.00	0.00	0.00

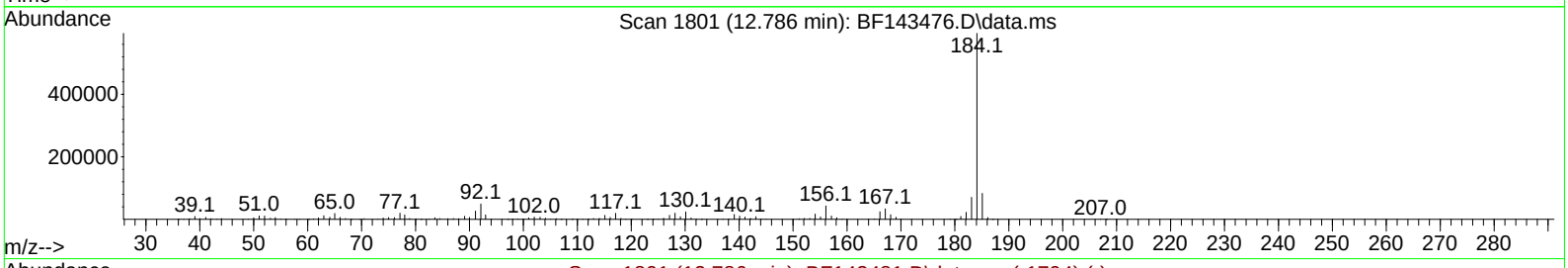
Sample Results: **BF143476.D**

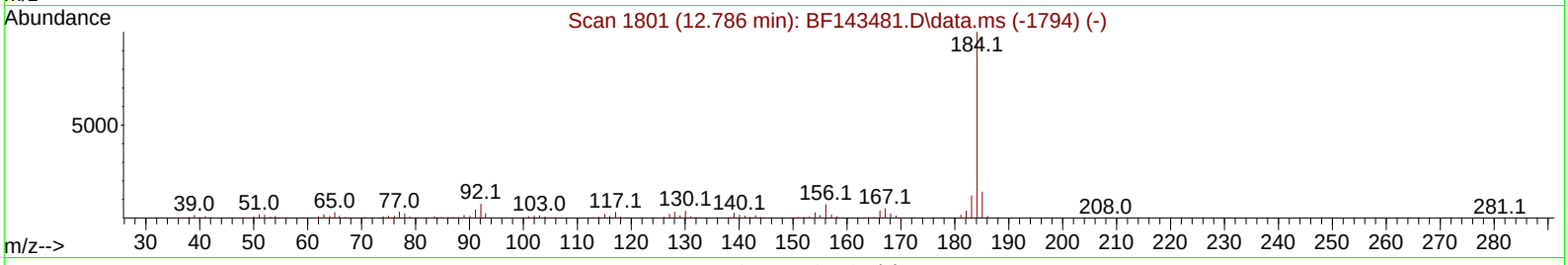
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143476.D
Acq On : 20 Aug 2025 10:26
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

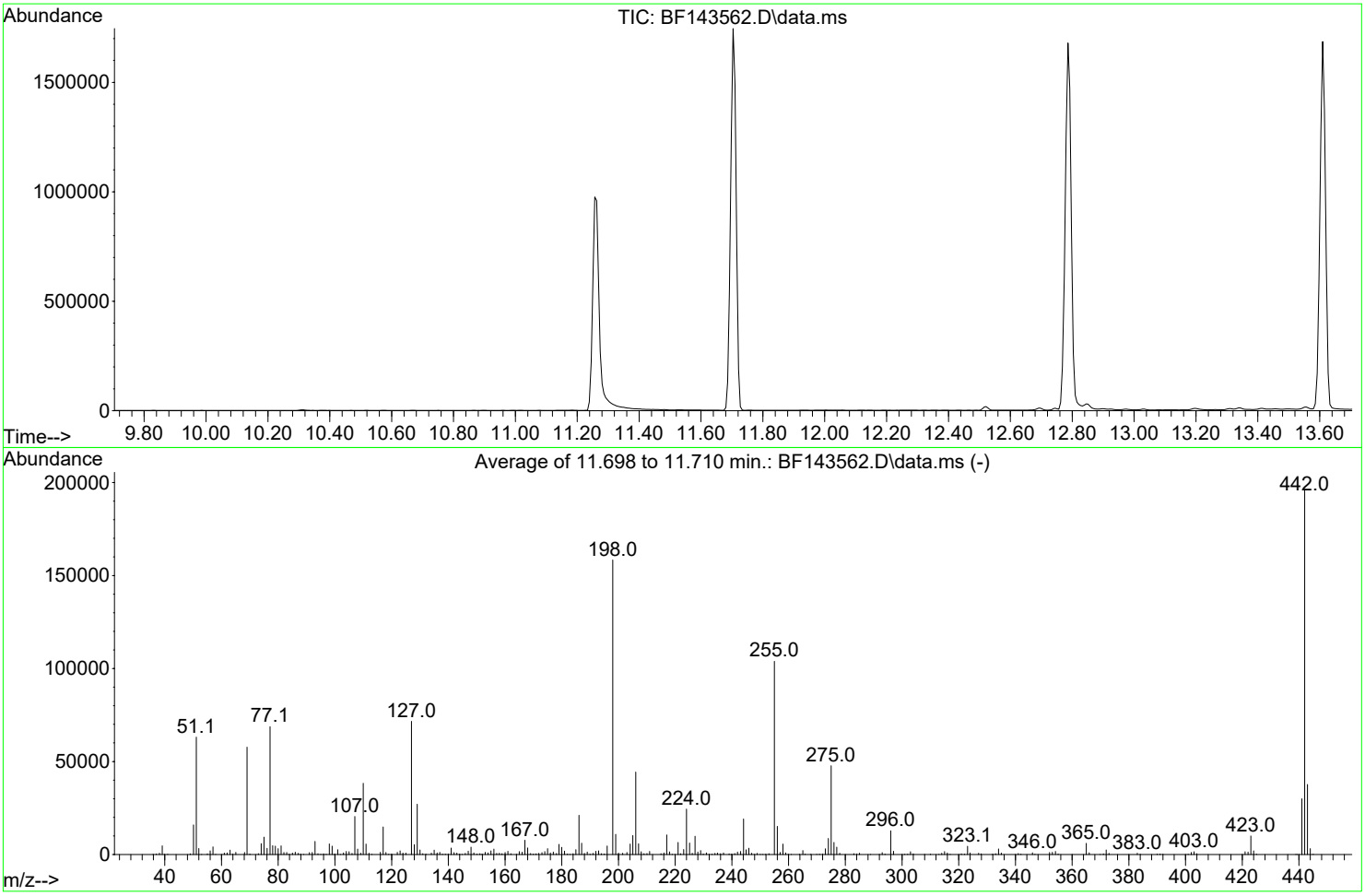
Sample Results: **BF143562.D**

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

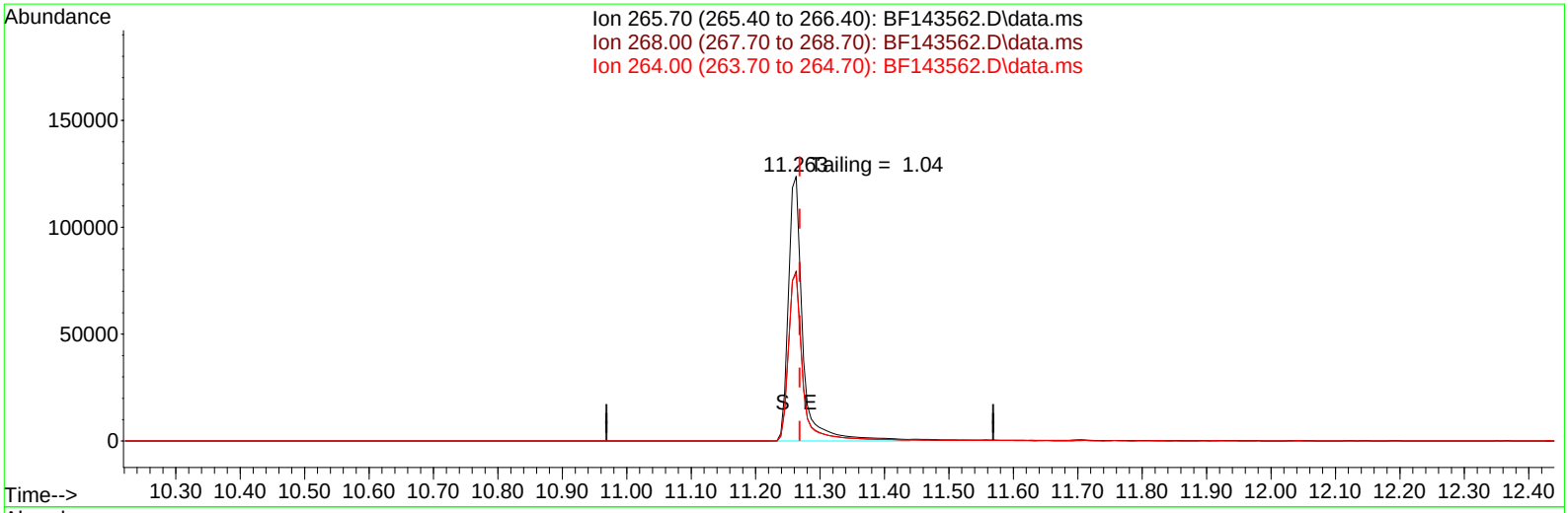
Instrument :
BNA_F
ClientSampleId :
DFTPP

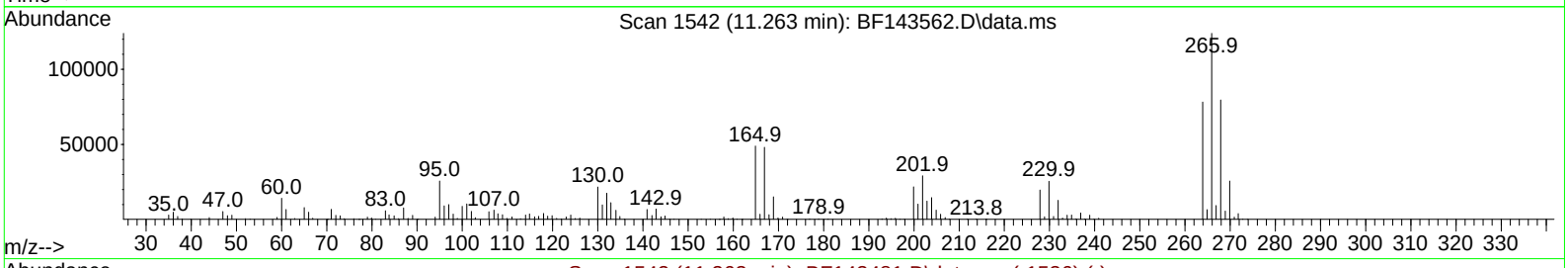
Sample Results: **BF143562.D**

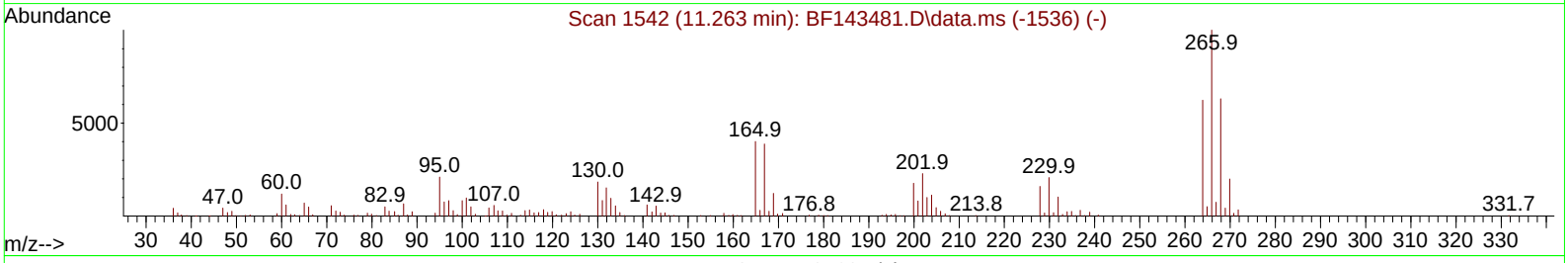
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143562.D
Acq On : 22 Aug 2025 09:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

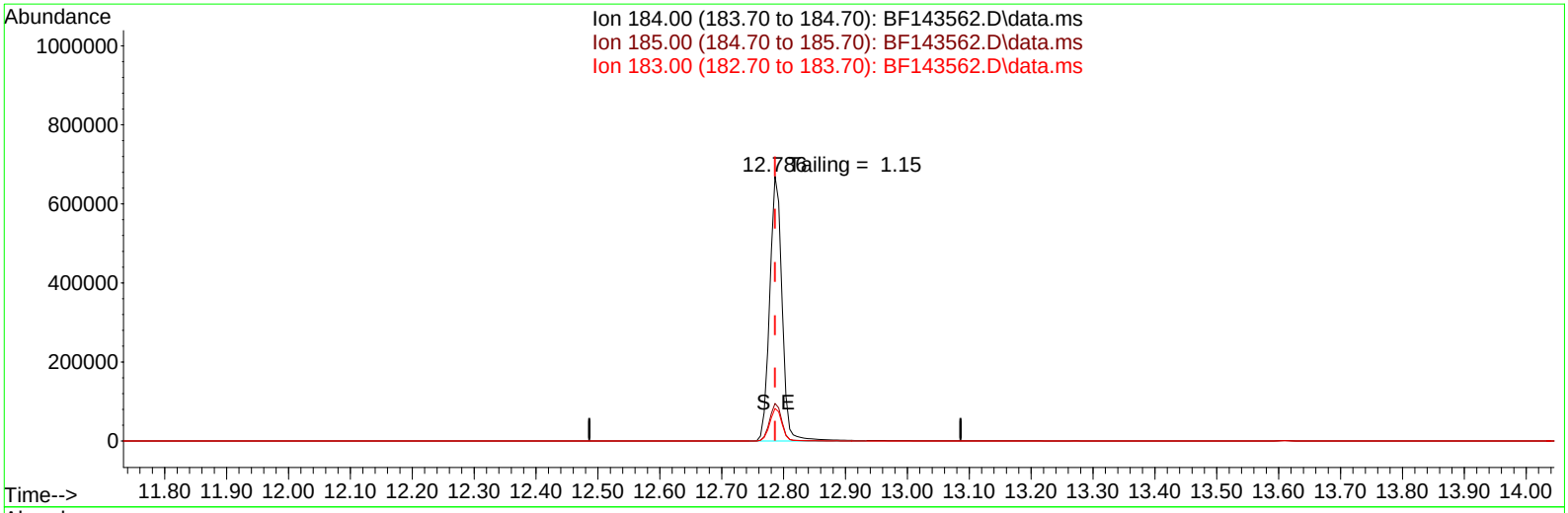
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.10	64.25
264.00	62.30	63.09
0.00	0.00	0.00

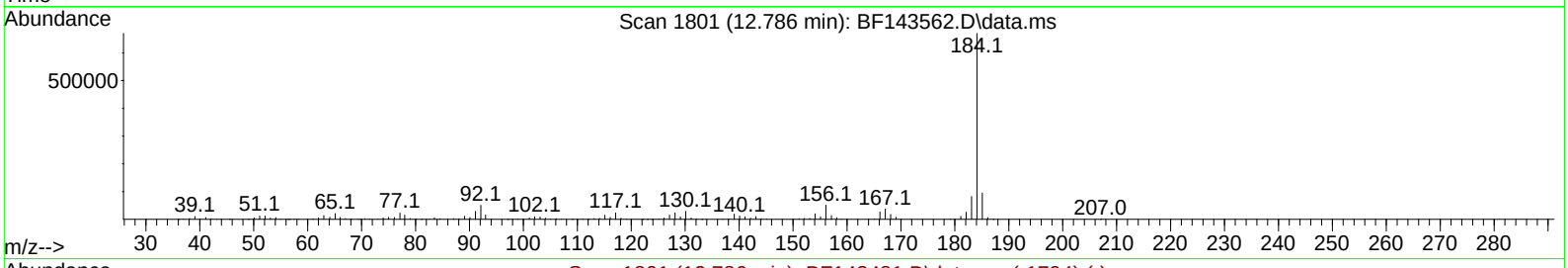
Sample Results: **BF143562.D**

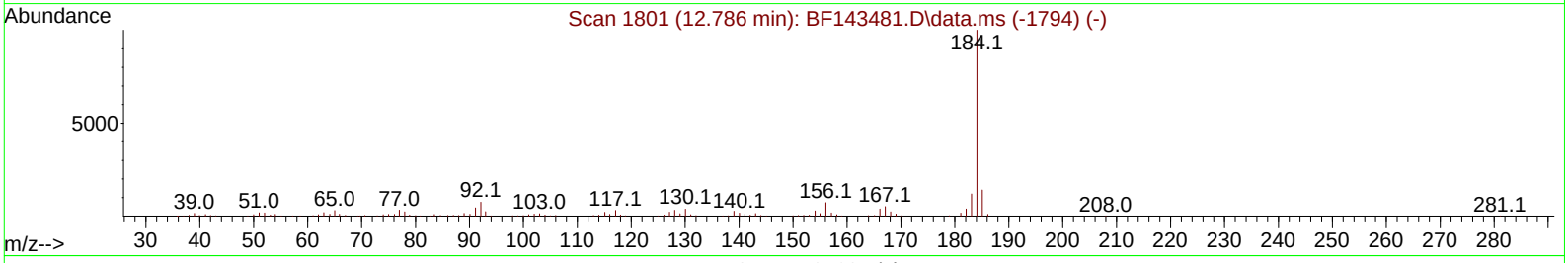
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143562.D
Acq On : 22 Aug 2025 09:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

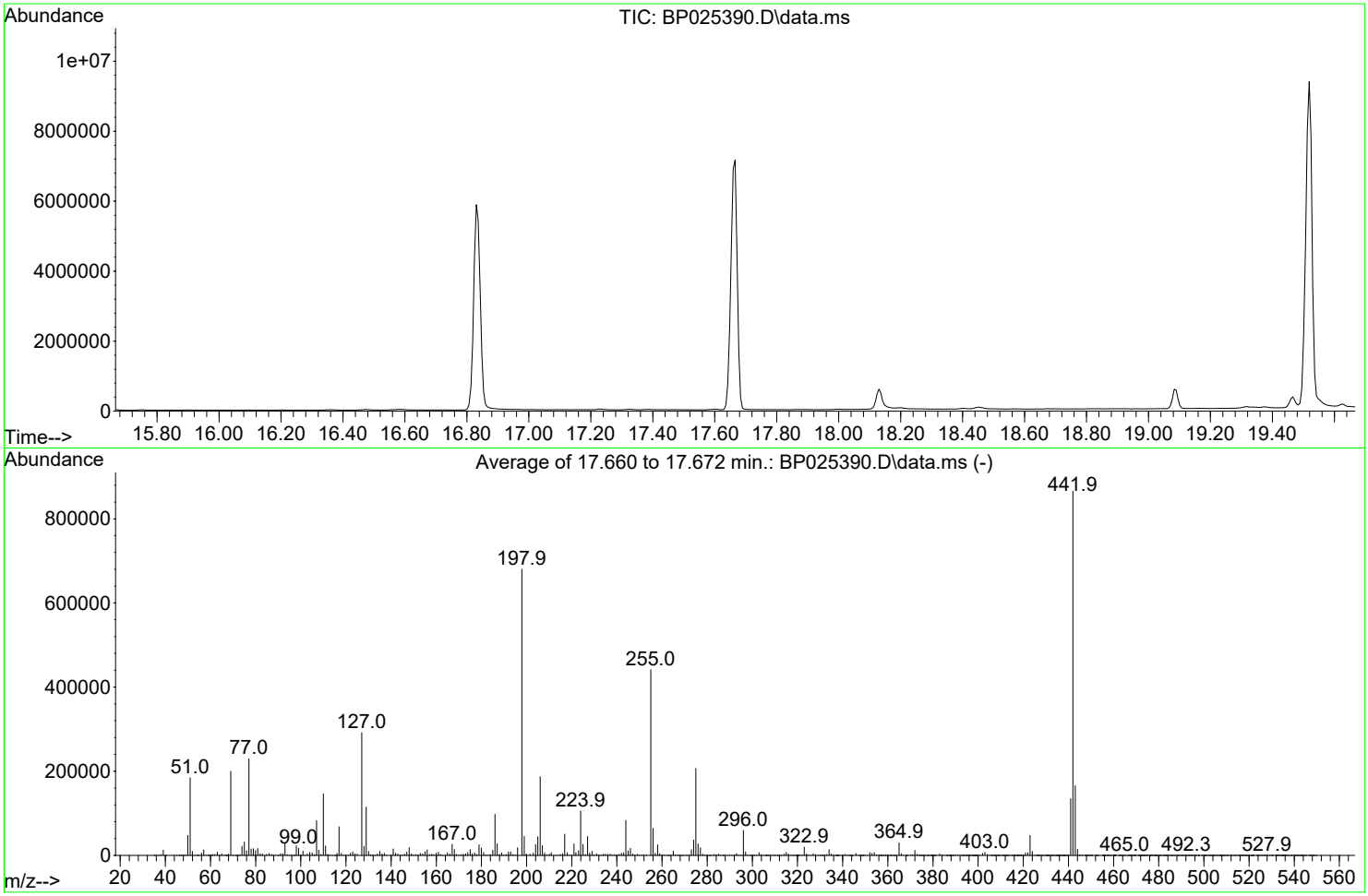
Sample Results: **BP025390.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025390.D
Acq On : 14 Aug 2025 10:30
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 14 18:14:31 2025



AutoFind: Scans 2503, 2504, 2505; Background Corrected with Scan 2494

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	3290	PASS
69	69	100	100	100.0	199967	PASS
70	69	0.00	2	0.4	716	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	680138	PASS
199	198	5	9	6.7	45247	PASS
365	198	1	100	4.4	29981	PASS
441	443	0.01	150	81.3	135091	PASS
442	442	100	100	100.0	866023	PASS
443	442	15	24	19.2	166133	PASS

DDT Breakdown

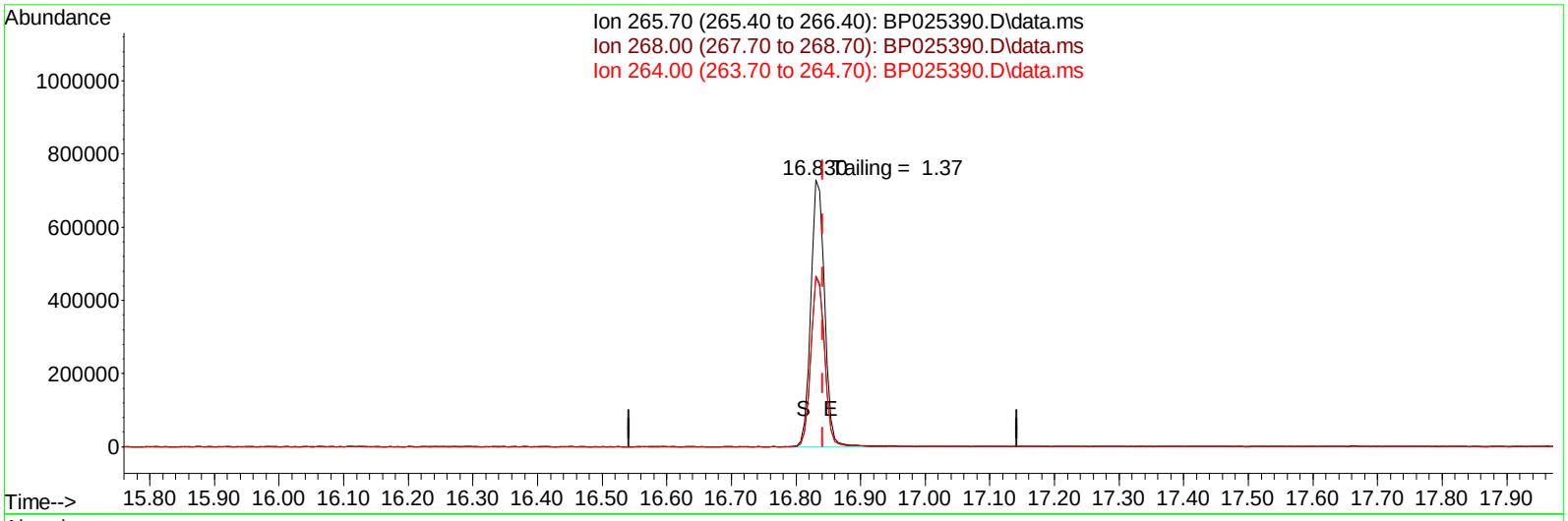
Date	Instrument Name	DFTPP Data File
8/14/2025	BNA_P	BP025390.D
Compound Name	**Response**	**Retention Time**
DDT	2976098	20.818
DDD	52170	20.407
DDE	9165	19.824
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
61335	3037433	2.02

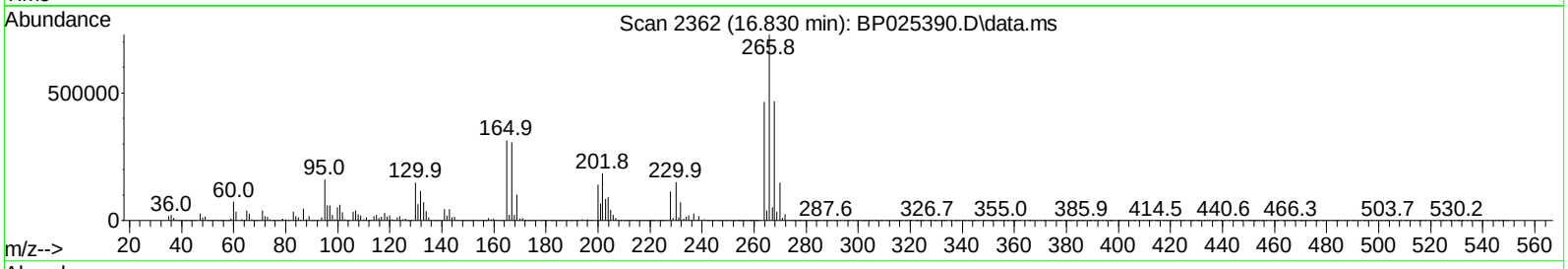
Instrument :
BNA_P
ClientSampleId :
DFTPP

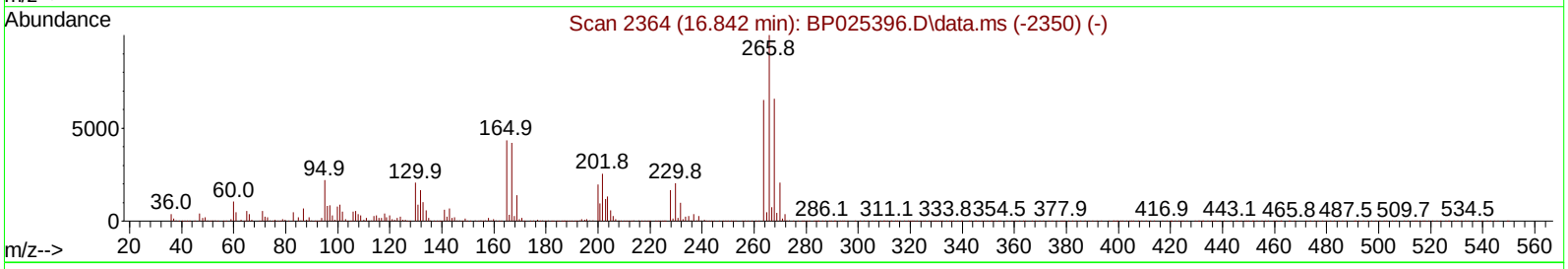
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025390.D
Acq On : 14 Aug 2025 10:30
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 14 18:17:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration







TIC: BP025390.D\data.ms

(70) Pentachlorophenol (C)

16.830min (-0.012) 61985.64 ng

response 1096483

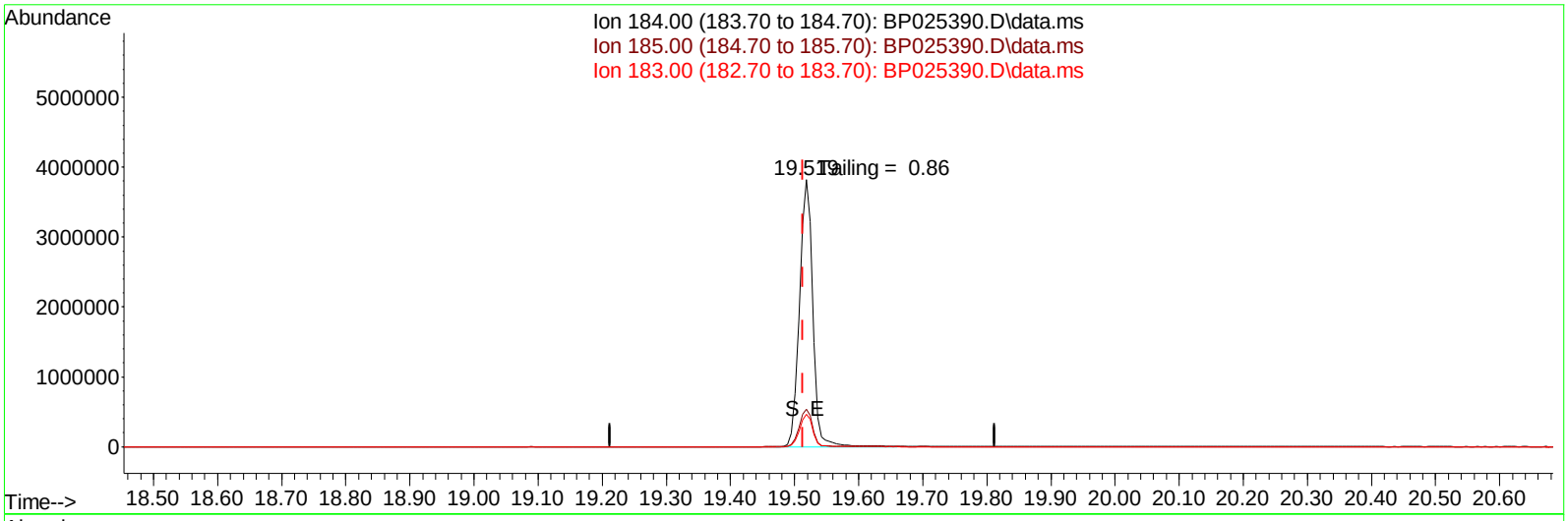
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	64.04
264.00	65.00	63.79
0.00	0.00	0.00

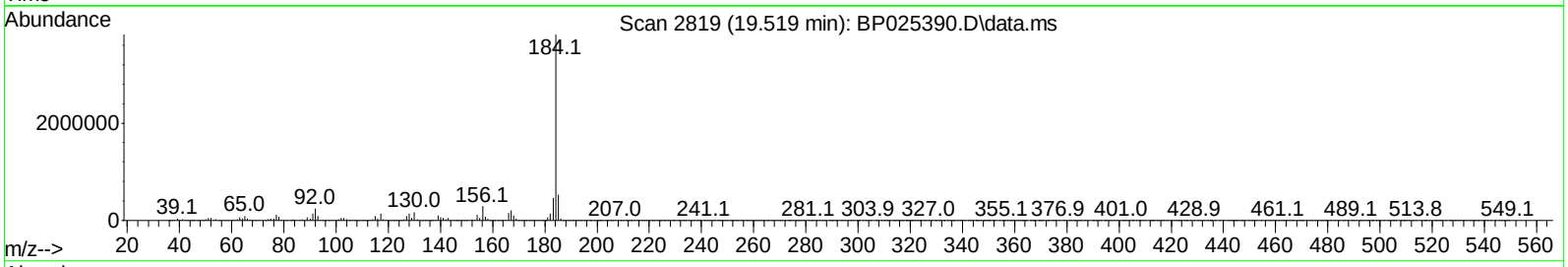
Sample Results: **BP025390.D**

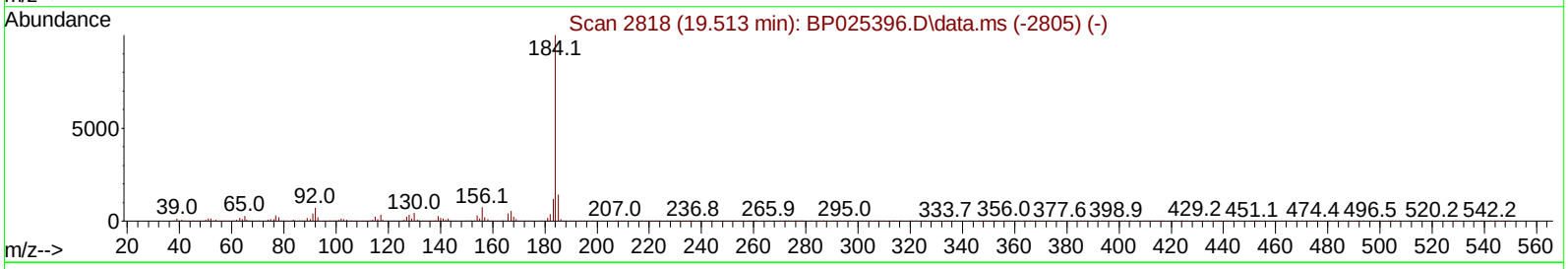
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025390.D
Acq On : 14 Aug 2025 10:30
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 14 18:17:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration







TIC: BP025390.D\data.ms

(77) Benzidine

19.519min (+ 0.006) 64482.34 ng

response 5499416

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.03
183.00	11.80	12.10
0.00	0.00	0.00

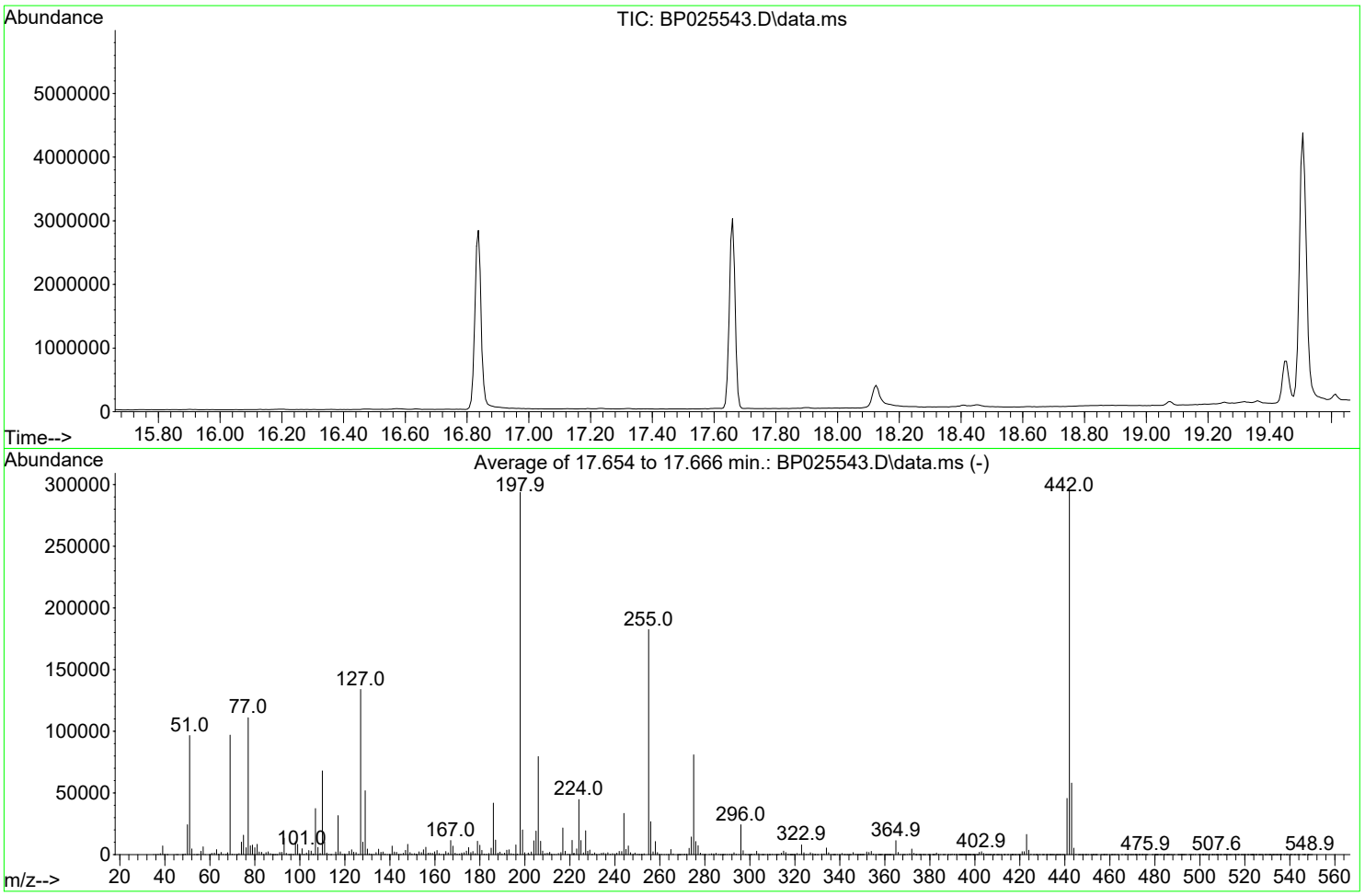
Sample Results: **BP025543.D**

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

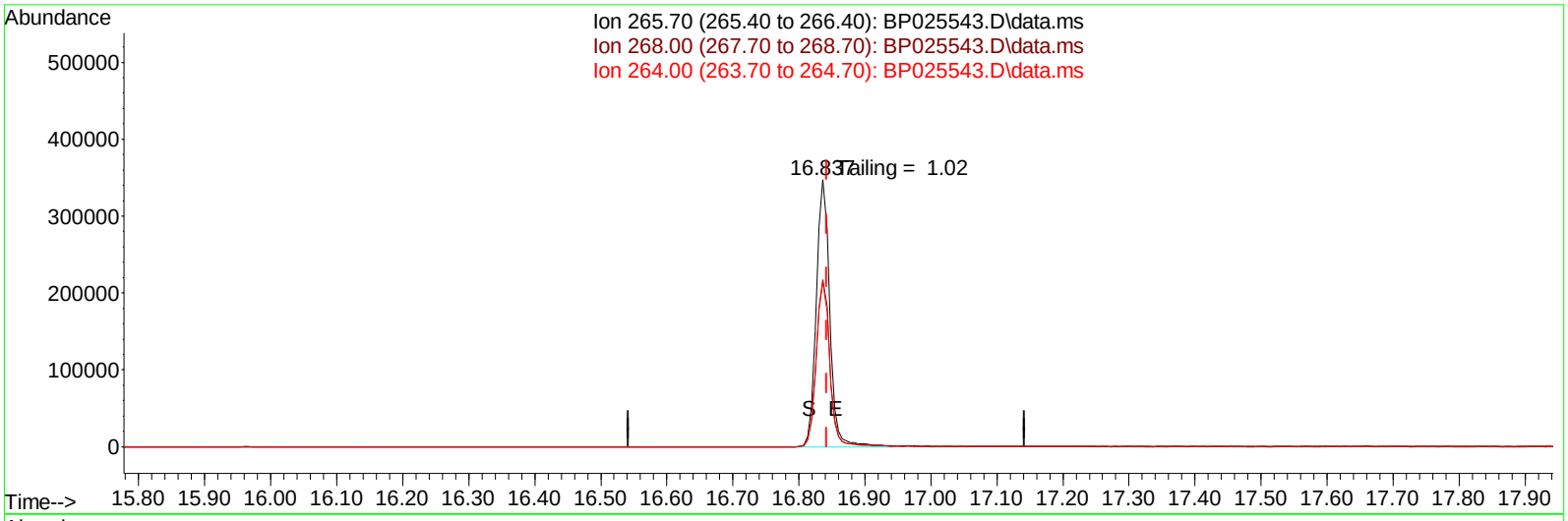
Instrument :
BNA_P
ClientSampleId :
DFTPP

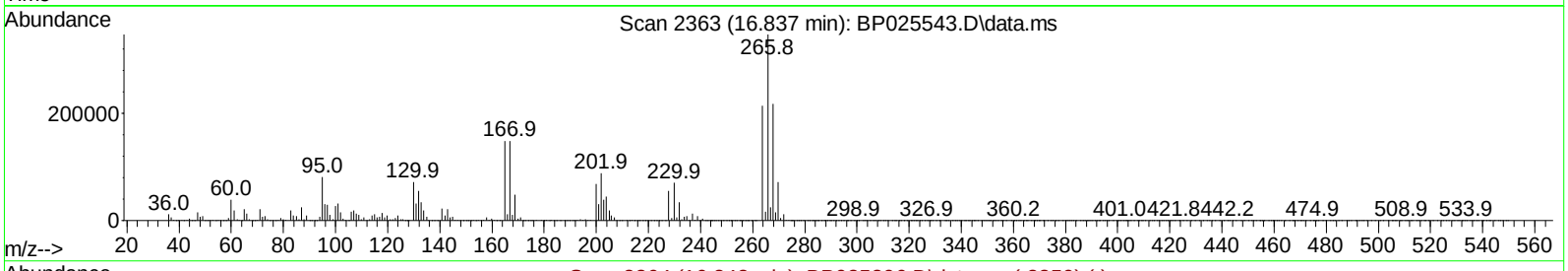
Sample Results: **BP025543.D**

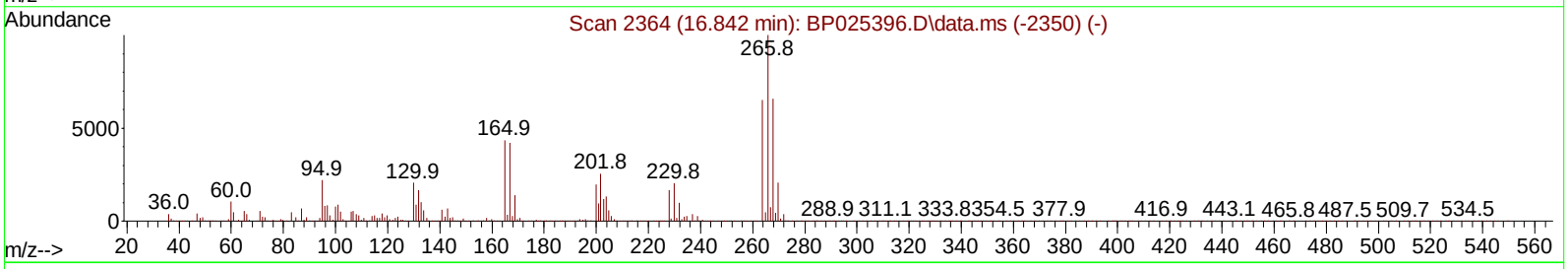
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025543.D
Acq On : 22 Aug 2025 10:08
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

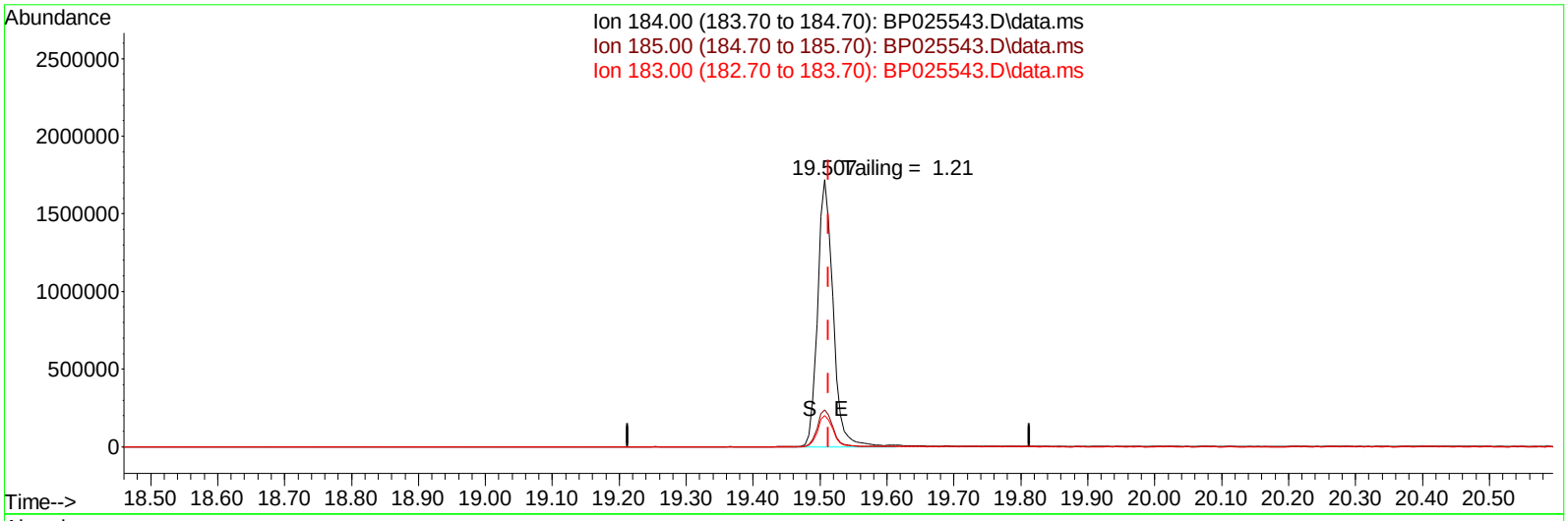
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	62.65
264.00	65.00	61.62
0.00	0.00	0.00

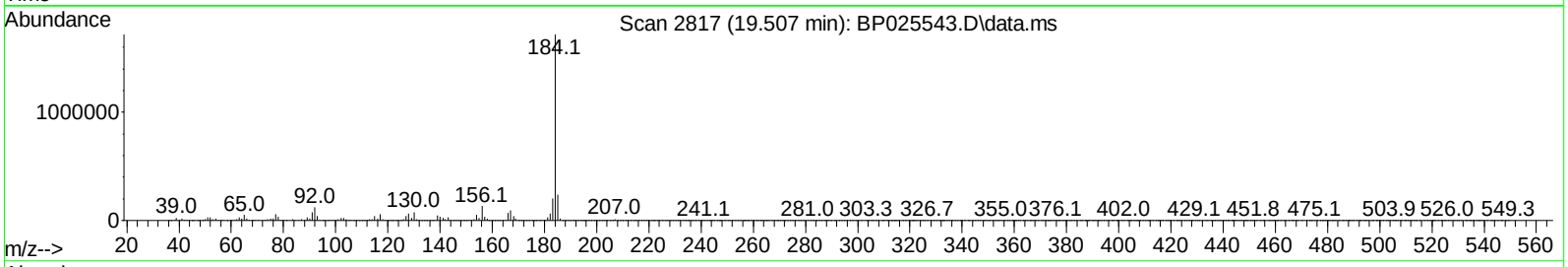
Sample Results: **BP025543.D**

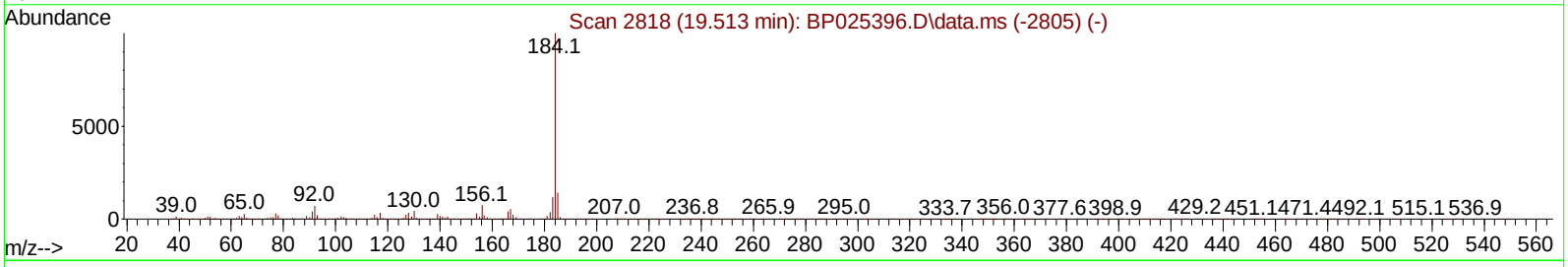
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025543.D
Acq On : 22 Aug 2025 10:08
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

Raw Data: **BF143564.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:	PB169330BL	SDG No.:	Q2903
Lab Sample ID:	PB169330BL	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
BF143564.D	1	08/21/25 08:50	08/22/25 10:58	PB169330

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: **BF143564.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:	PB169330BL	SDG No.:	Q2903
Lab Sample ID:	PB169330BL	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
BF143564.D	1	08/21/25 08:50	08/22/25 10:58	PB169330

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: **BF143564.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:	PB169330BL	SDG No.:	Q2903
Lab Sample ID:	PB169330BL	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
BF143564.D	1	08/21/25 08:50	08/22/25 10:58	PB169330

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	122		23 - 138	81%	SPK: 150
13127-88-3	Phenol-d6	123		10 - 134	82%	SPK: 150
4165-60-0	Nitrobenzene-d5	89.5		67 - 132	90%	SPK: 100
321-60-8	2-Fluorobiphenyl	86.1		52 - 132	86%	SPK: 100
118-79-6	2,4,6-Tribromophenol	135		44 - 137	90%	SPK: 150
1718-51-0	Terphenyl-d14	91.3		42 - 152	91%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	100000	6.922			
1146-65-2	Naphthalene-d8	391000	8.204			
15067-26-2	Acenaphthene-d10	223000	9.963			
1517-22-2	Phenanthrene-d10	383000	11.451			
1719-03-5	Chrysene-d12	246000	14.098			
1520-96-3	Perylene-d12	204000	15.598			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	9.80	A		5.18	ug/L
006311-48-4	(1,1-Biphenyl)-4,4-diamine, N,N	7.80	J		17.4	ug/L

Raw Data: **BF143564.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:	PB169330BL			SDG No.:	Q2903
Lab Sample ID:	PB169330BL			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
BF143564.D	1	08/21/25 08:50	08/22/25 10:58	PB169330

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: **BF143564.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143564.D
Acq On : 22 Aug 2025 10:58
Operator : RC/JU
Sample : PB169330BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169330BL

Quant Time: Aug 22 11:31:00 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

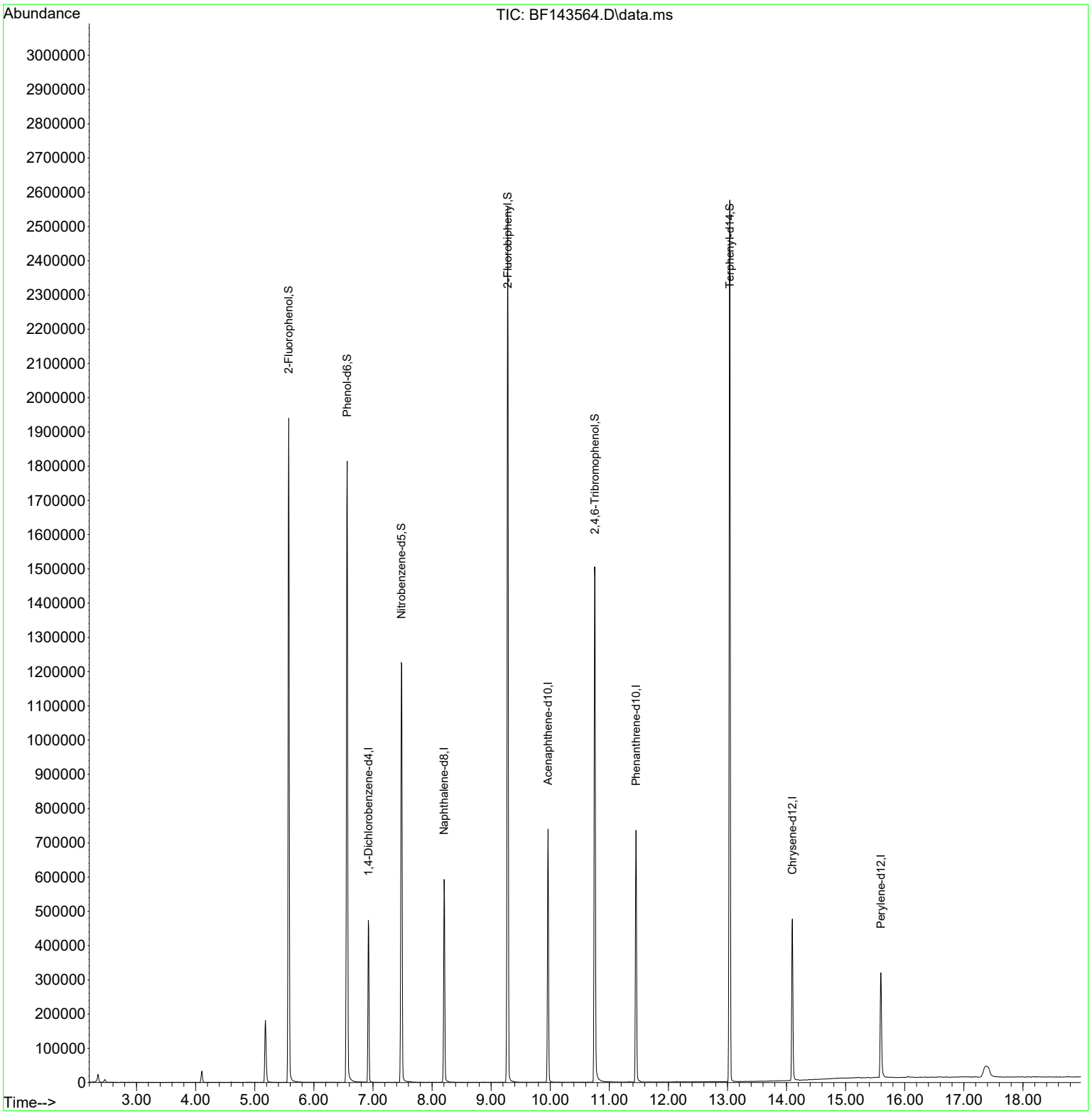
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	100068	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	390789	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	222590	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	383198	20.000	ng	0.00
76) Chrysene-d12	14.098	240	245973	20.000	ng	0.00
86) Perylene-d12	15.598	264	204292	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	699008	121.975	ng	0.01
7) Phenol-d6	6.563	99	870292	123.022	ng	-0.01
23) Nitrobenzene-d5	7.481	82	599491	89.519	ng	-0.02
42) 2,4,6-Tribromophenol	10.757	330	279585	134.936	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1159431	86.085	ng	0.00
79) Terphenyl-d14	13.039	244	1286884	91.297	ng	0.00
Target Compounds						Qvalue

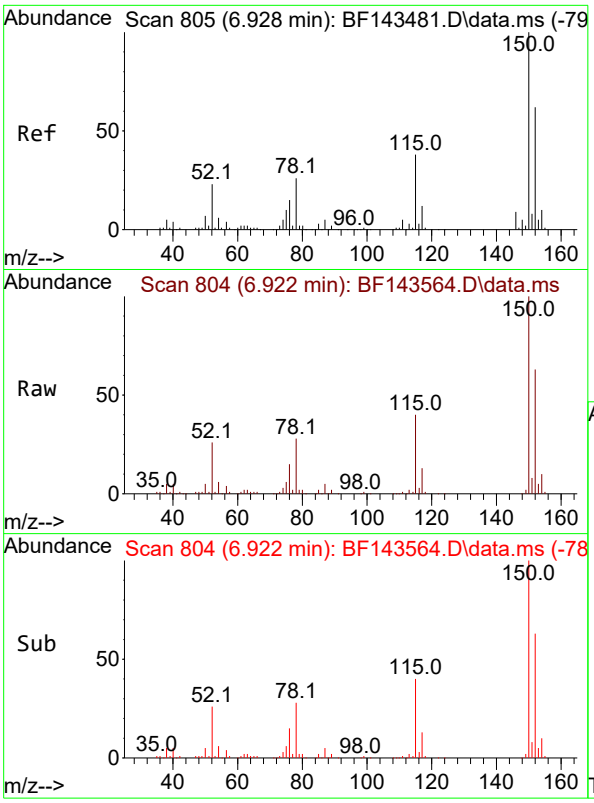
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143564.D
Acq On : 22 Aug 2025 10:58
Operator : RC/JU
Sample : PB169330BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169330BL

Quant Time: Aug 22 11:31:00 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



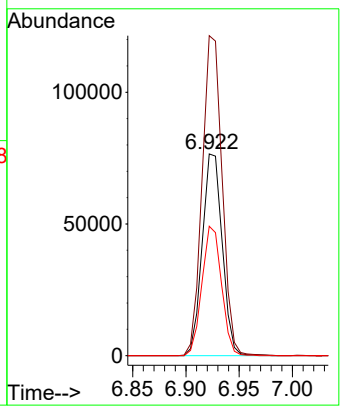


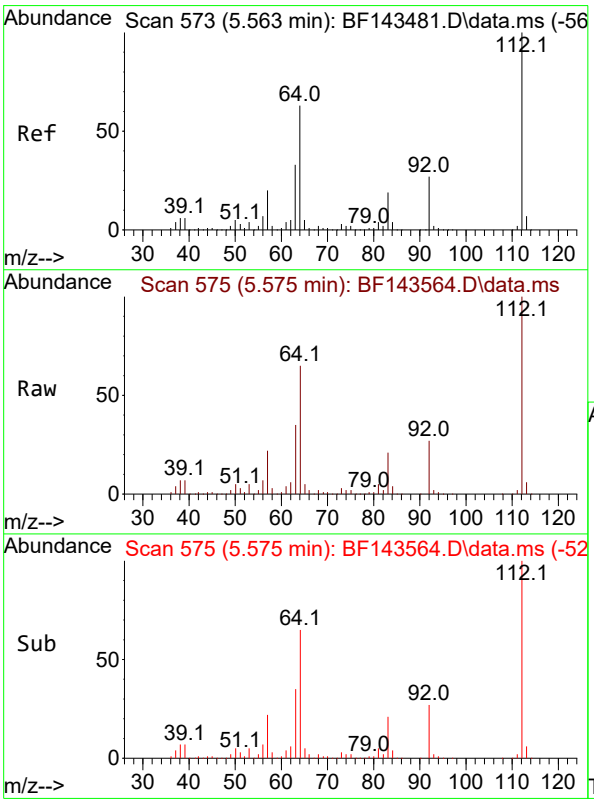
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143564.D
Acq: 22 Aug 2025 10:58

Instrument :
BNA_F
ClientSampleId :
PB169330BL

Tgt Ion:152 Resp: 100068

Ion	Ratio	Lower	Upper
152	100		
150	158.6	128.9	193.3
115	64.1	49.2	73.8

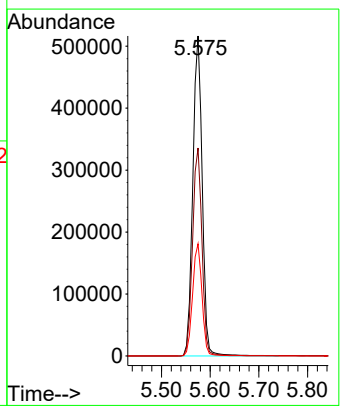


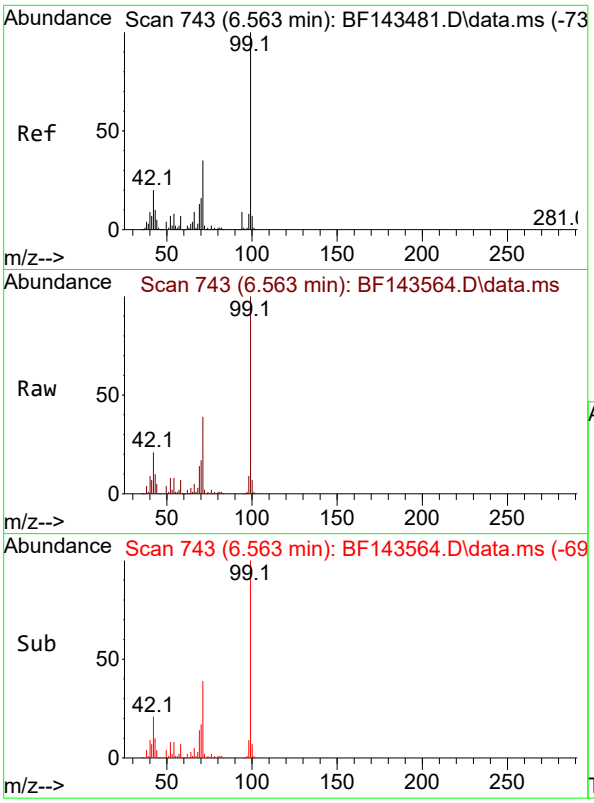


#5
2-Fluorophenol
Concen: 121.975 ng
RT: 5.575 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF143564.D
Acq: 22 Aug 2025 10:58

Tgt Ion:112 Resp: 699008

Ion	Ratio	Lower	Upper
112	100		
64	65.0	50.4	75.6
63	35.0	26.4	39.6



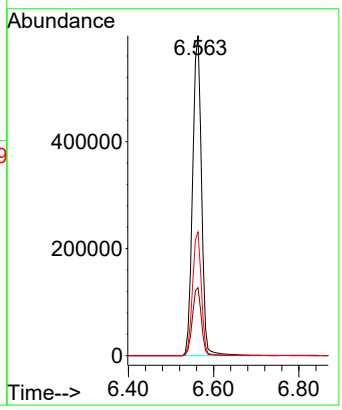


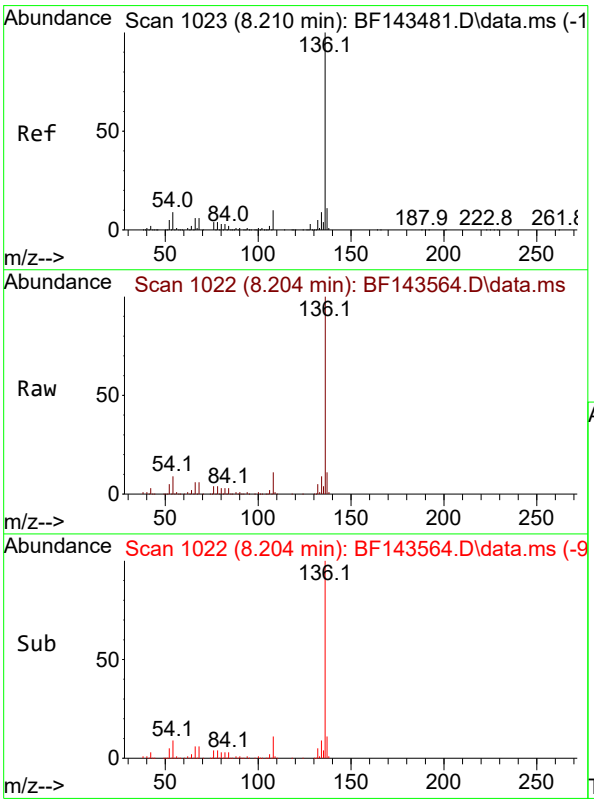
#7
Phenol-d6
Concen: 123.022 ng
RT: 6.563 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143564.D
Acq: 22 Aug 2025 10:58

Instrument :
BNA_F
ClientSampleId :
PB169330BL

Tgt Ion: 99 Resp: 870292

Ion	Ratio	Lower	Upper
99	100		
42	21.2	16.3	24.5
71	38.7	28.2	42.2

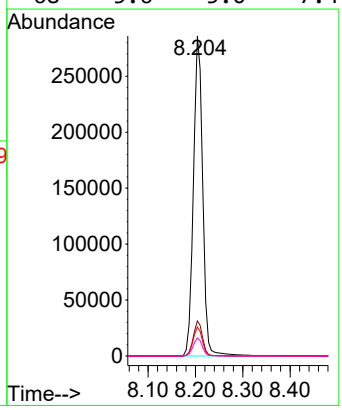


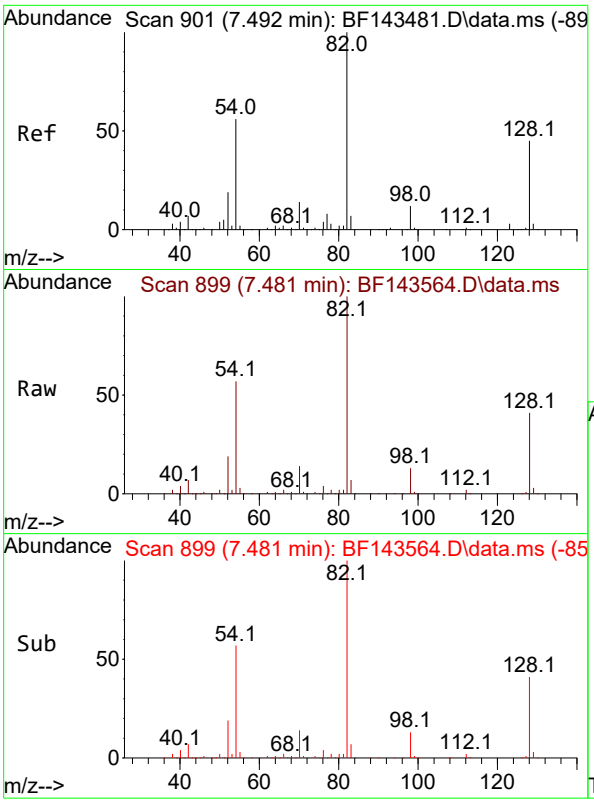


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143564.D
Acq: 22 Aug 2025 10:58

Tgt Ion:136 Resp: 390789

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	9.0	7.4	11.2
68	5.6	5.0	7.4



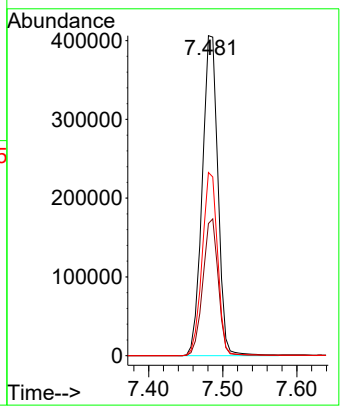


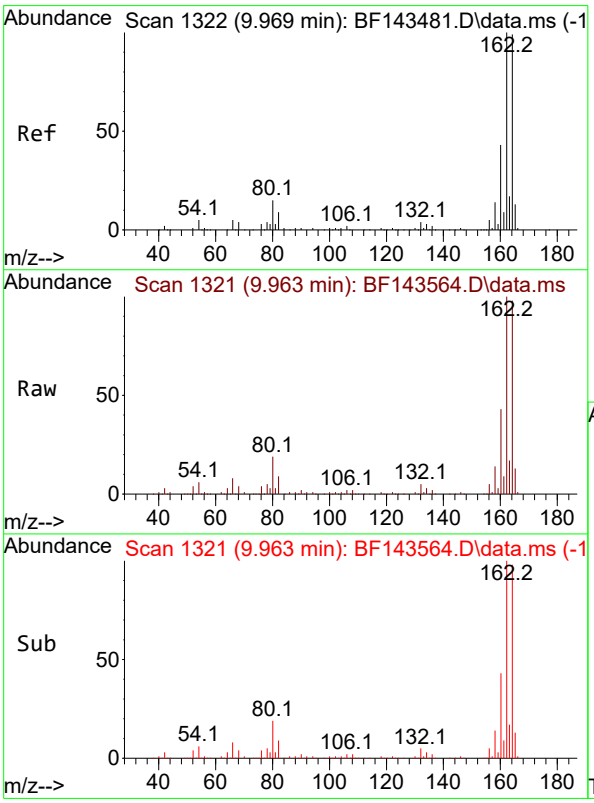
#23
Nitrobenzene-d5
Concen: 89.519 ng
RT: 7.481 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143564.D
Acq: 22 Aug 2025 10:58

Instrument :
BNA_F
ClientSampleId :
PB169330BL

Tgt Ion: 82 Resp: 599491

Ion	Ratio	Lower	Upper
82	100		
128	41.3	35.5	53.3
54	57.3	44.3	66.5

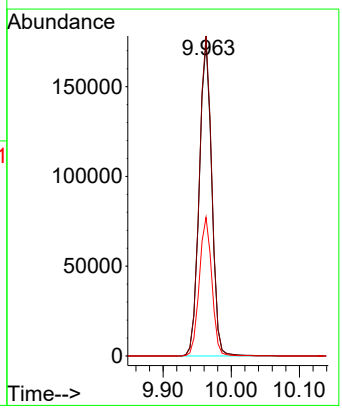


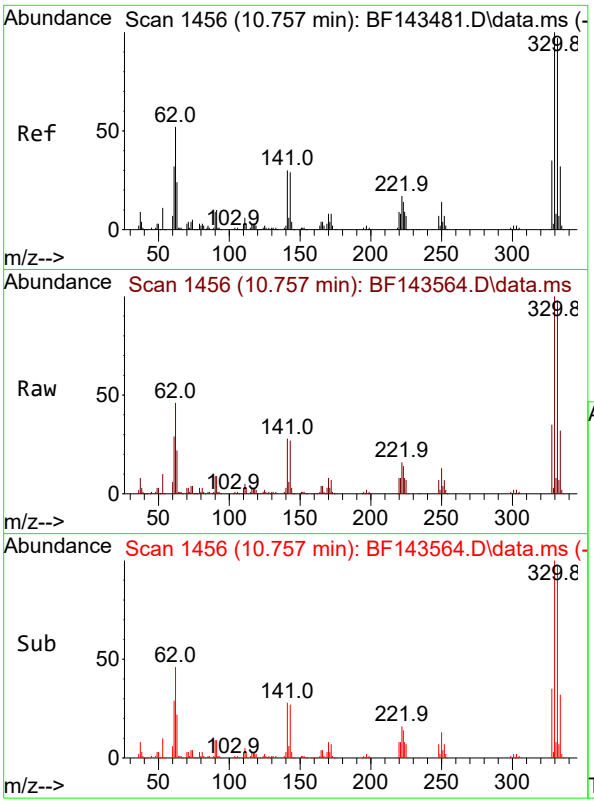


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF143564.D
Acq: 22 Aug 2025 10:58

Tgt Ion:164 Resp: 222590

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.5	120.7
160	44.1	34.3	51.5



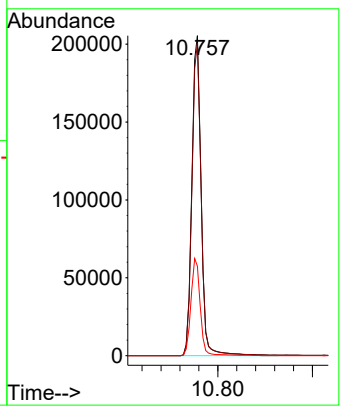


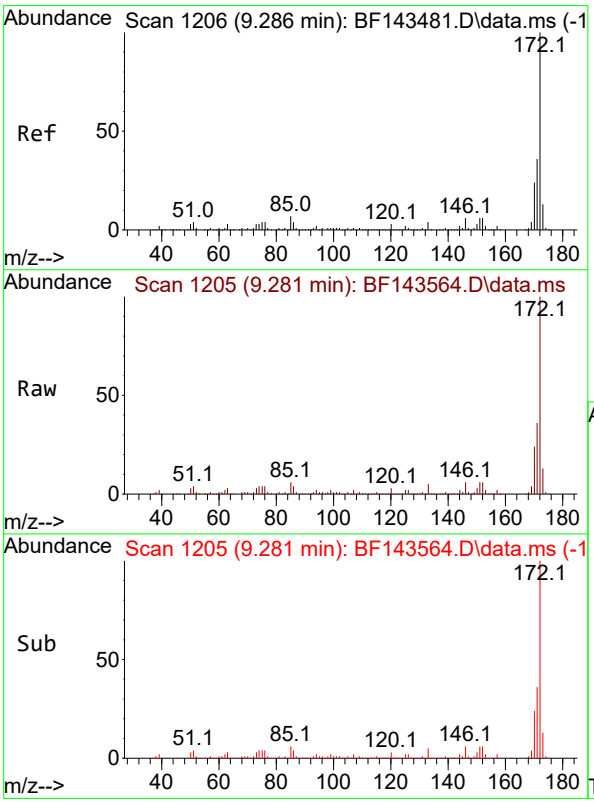
#42
2,4,6-Tribromophenol
Concen: 134.936 ng
RT: 10.757 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143564.D
Acq: 22 Aug 2025 10:58

Instrument :
BNA_F
ClientSampleId :
PB169330BL

Tgt Ion:330 Resp: 279585

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.0	117.0
141	30.6	23.7	35.5

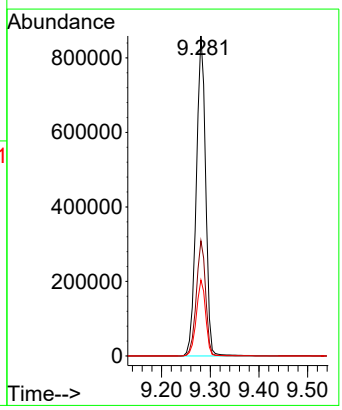


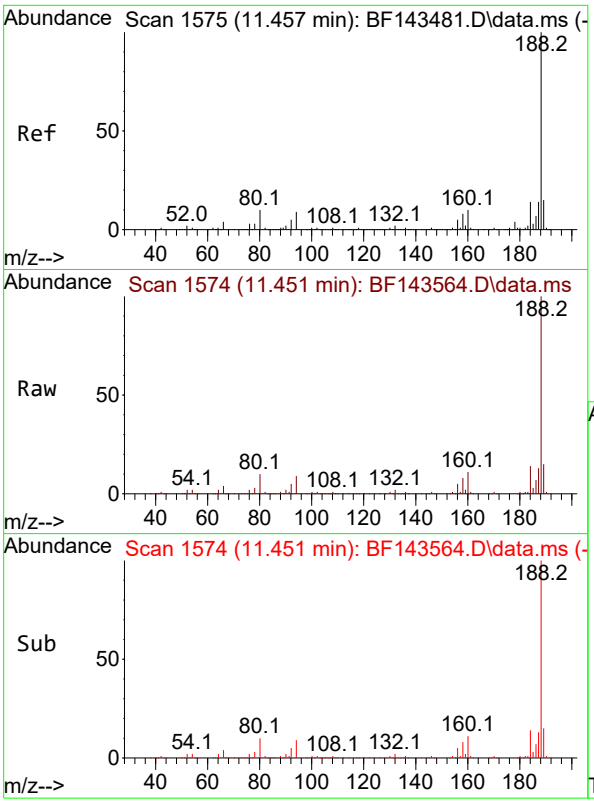


#45
2-Fluorobiphenyl
Concen: 86.085 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143564.D
Acq: 22 Aug 2025 10:58

Tgt Ion:172 Resp: 1159431

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.8	43.2
170	23.8	18.8	28.2



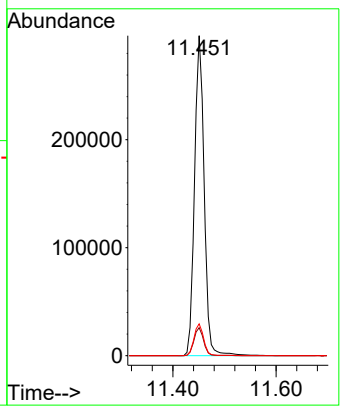


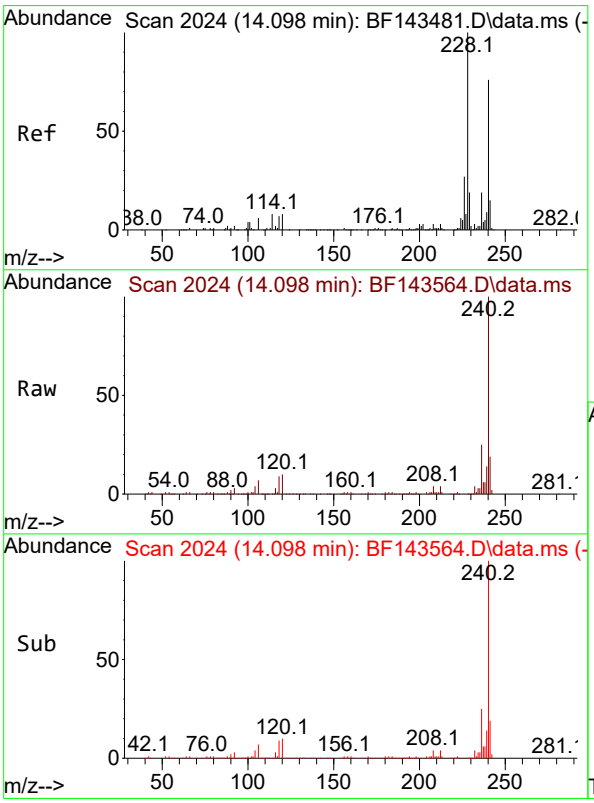
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143564.D
Acq: 22 Aug 2025 10:58

Instrument :
BNA_F
ClientSampleId :
PB169330BL

Tgt Ion:188 Resp: 383198

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.4	11.2
80	10.0	8.2	12.4

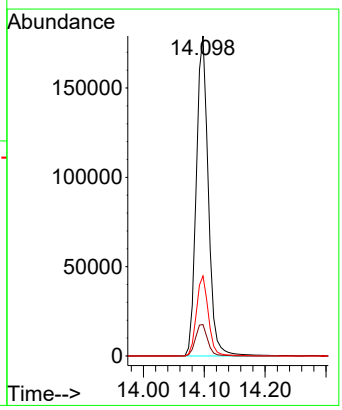


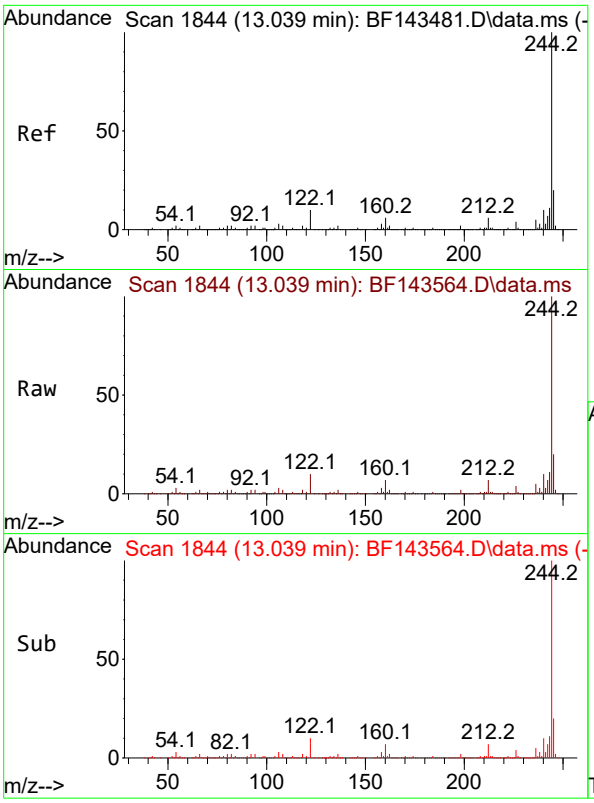


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143564.D
Acq: 22 Aug 2025 10:58

Tgt Ion:240 Resp: 245973

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.6	12.8
236	25.0	20.4	30.6



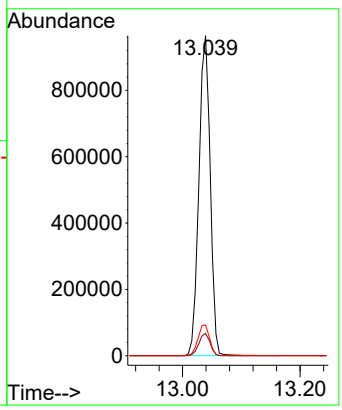


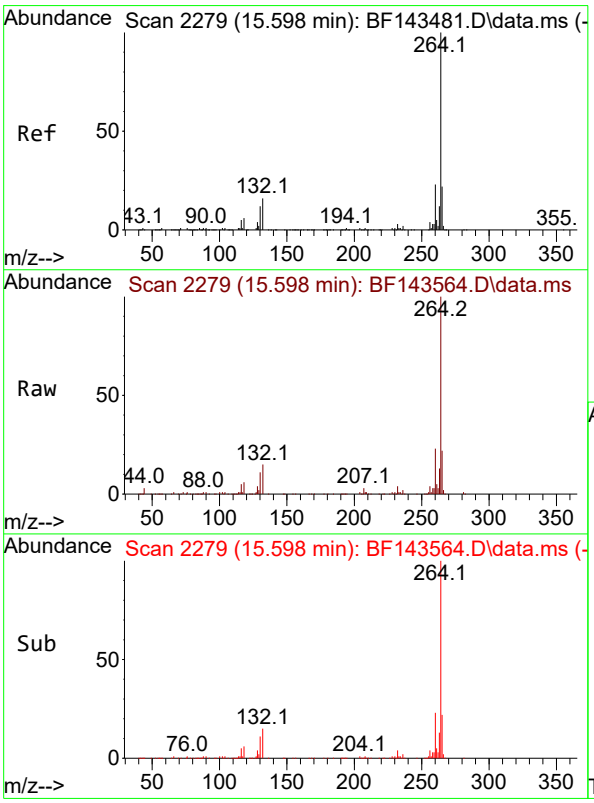
#79
Terphenyl-d14
Concen: 91.297 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143564.D
Acq: 22 Aug 2025 10:58

Instrument :
BNA_F
ClientSampleId :
PB169330BL

Tgt Ion:244 Resp: 1286884

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.2	7.8
122	9.6	7.9	11.9

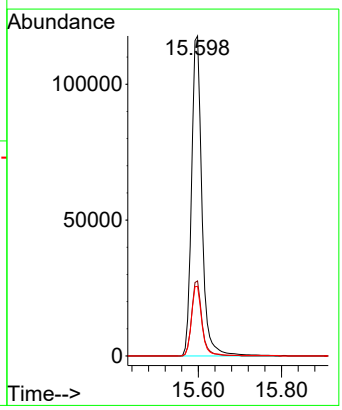




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF143564.D
Acq: 22 Aug 2025 10:58

Tgt Ion:264 Resp: 204292

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.7	17.6	26.4



Sample Results: **BF143564.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143564.D
Acq On : 22 Aug 2025 10:58
Operator : RC/JU
Sample : PB169330BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169330BL

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: BF143564.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.346	15	26	32	rVB	22384	41269	1.21%	0.196%
2	4.104	319	325	336	rBV	32273	50665	1.48%	0.241%
3	5.181	502	508	526	rBV	180981	298286	8.71%	1.418%
4	5.575	569	575	591	rBV	1939670	2614591	76.35%	12.431%
5	6.563	736	743	774	rBV	1814486	2643449	77.19%	12.568%
6	6.922	799	804	815	rVB	473819	607313	17.73%	2.887%
7	7.481	893	899	915	rBV	1224067	1806390	52.75%	8.588%
8	8.204	1016	1022	1038	rBV	592824	799039	23.33%	3.799%
9	9.281	1198	1205	1210	rBV	2558169	3392762	99.08%	16.131%
10	9.963	1315	1321	1336	rBV	739216	934912	27.30%	4.445%
11	10.751	1450	1455	1486	rBV	1505123	2109978	61.62%	10.032%
12	11.451	1569	1574	1596	rVB	735245	943107	27.54%	4.484%
13	13.039	1838	1844	1849	rBV	2574716	3424413	100.00%	16.281%
14	14.098	2018	2024	2038	rBV	471582	643581	18.79%	3.060%
15	15.598	2273	2279	2292	rBV	305001	519828	15.18%	2.471%
16	17.374	2567	2581	2603	rBV3	30410	203360	5.94%	0.967%

Sum of corrected areas: 21032943

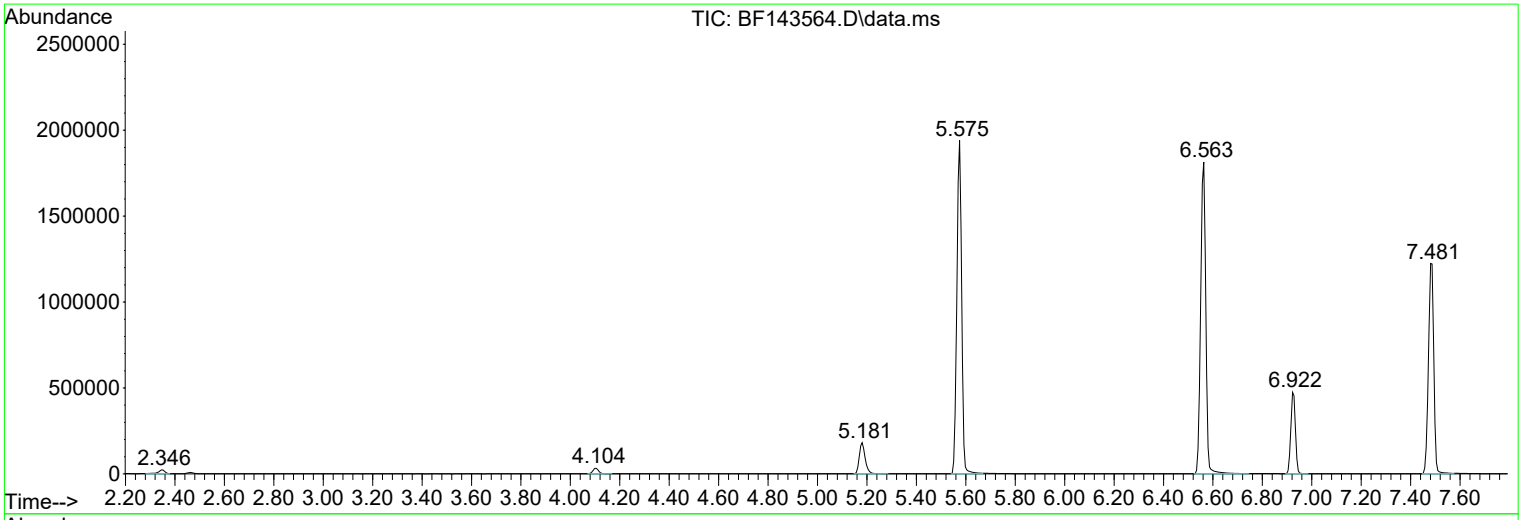
Sample Results: **BF143564.D**

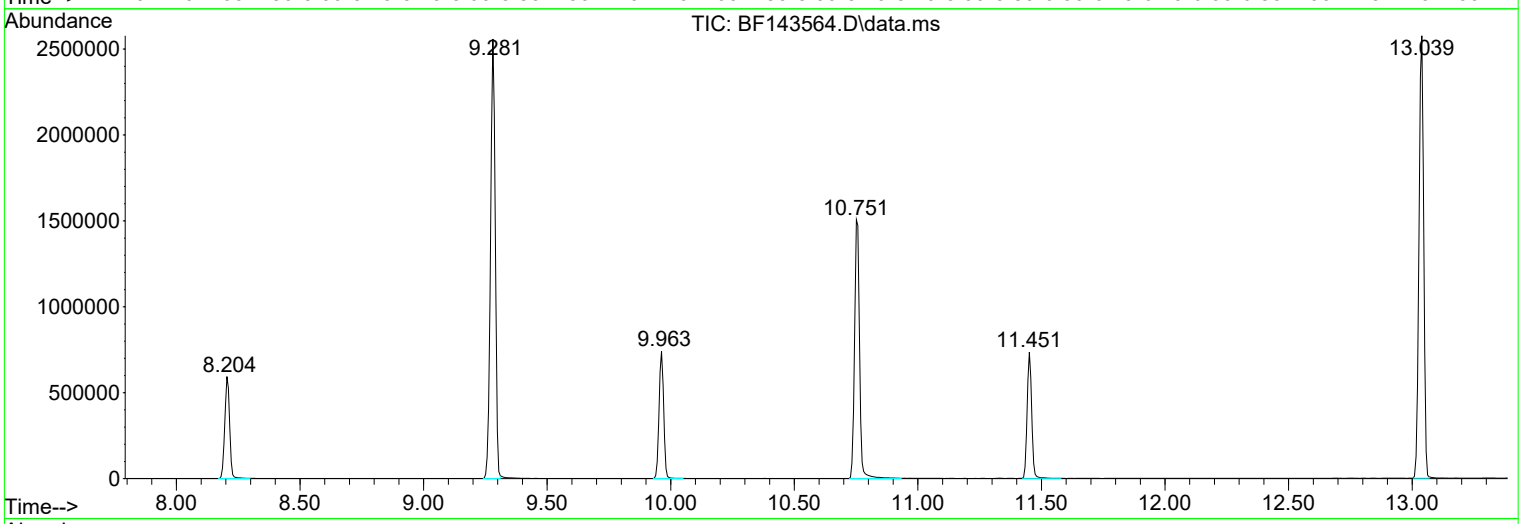
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143564.D
Acq On : 22 Aug 2025 10:58
Operator : RC/JU
Sample : PB169330BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

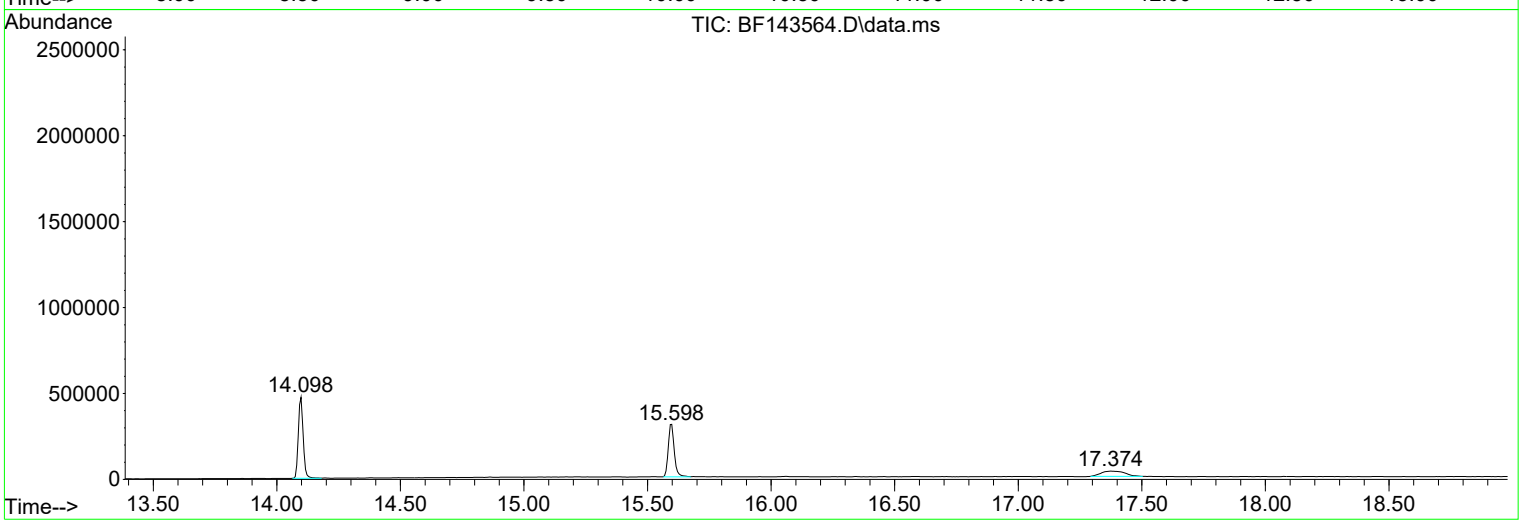
Instrument :
BNA_F
ClientSampleId :
PB169330BL

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 : BF143564.D
Acq On : 22 Aug 2025 10:58
Operator : RC/JU
Sample : PB169330BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169330BL

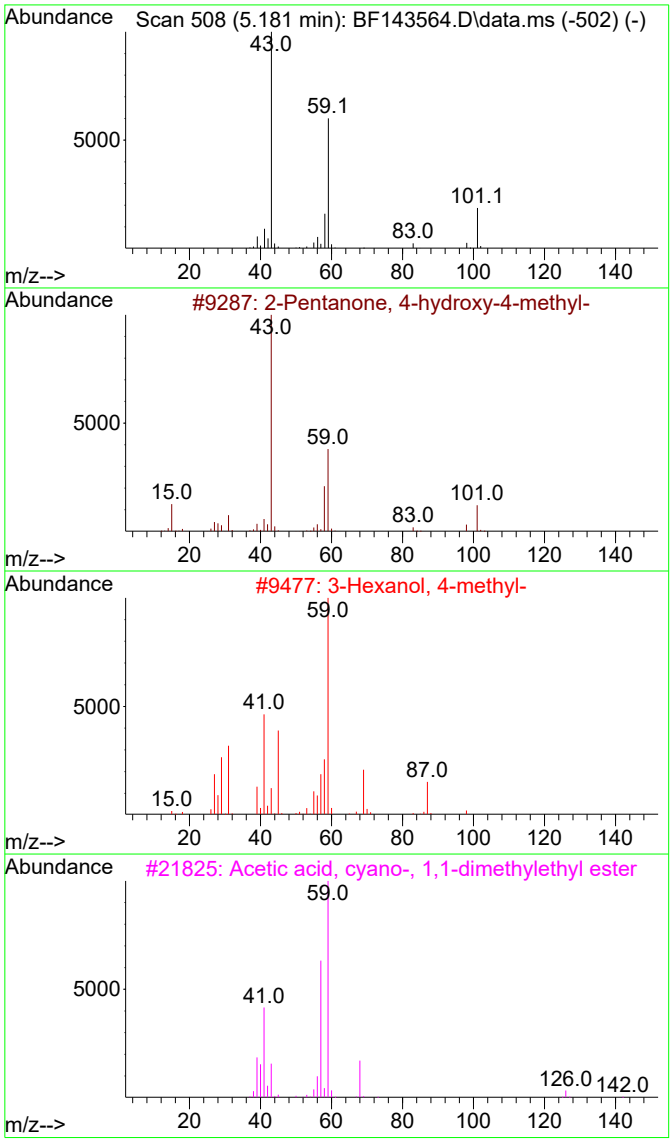
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

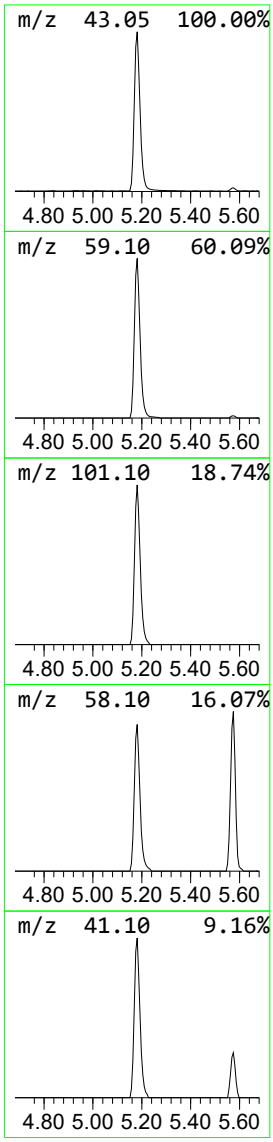
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.181	9.82 ng	298286	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	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143564.D
Acq On : 22 Aug 2025 10:58
Operator : RC/JU
Sample : PB169330BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169330BL

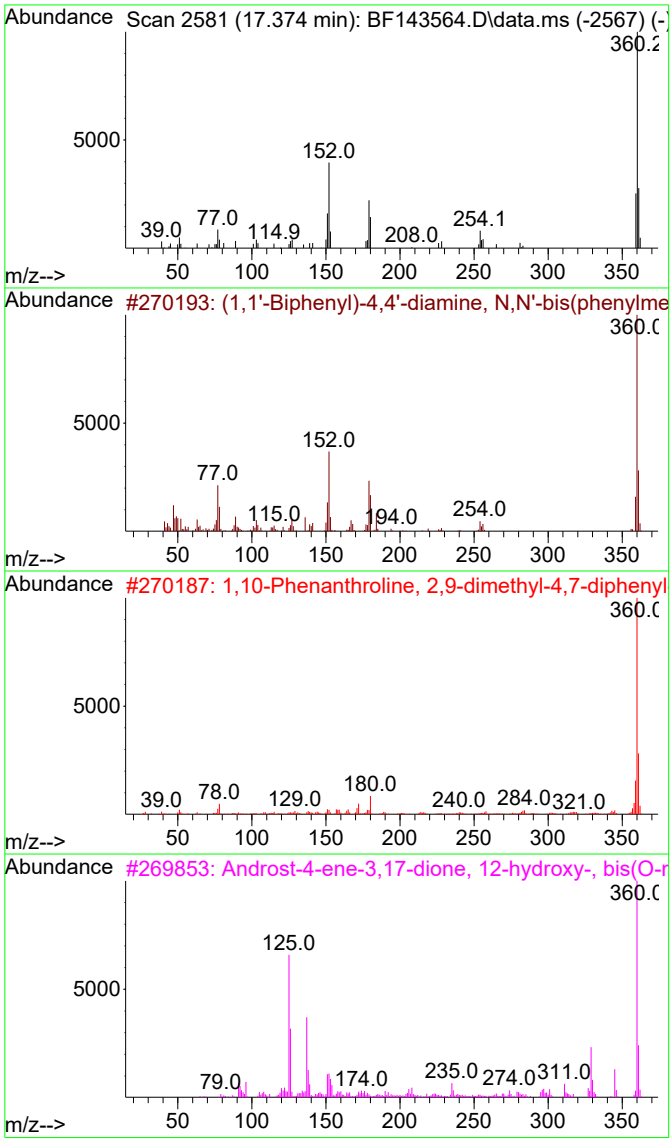
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

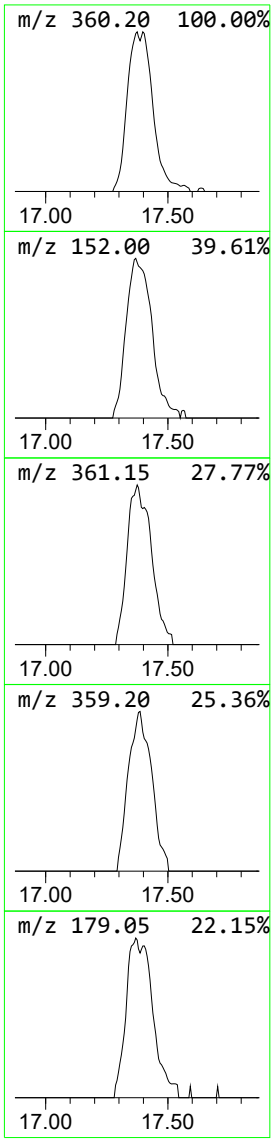
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (1,1'-Biphenyl)-4,4'-diamin... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.374	7.82 ng	203360	Perylene-d12	15.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1,1'-Biphenyl)-4,4'-diamine, N,...	360	C26H20N2	006311-48-4	87
2	1,10-Phenanthroline, 2,9-dimethy...	360	C26H20N2	004733-39-5	47
3	Androst-4-ene-3,17-dione, 12-hyd...	360	C21H32N2O3	069688-31-9	47
4	Benzaldehyde, 4-hydroxy-3,5-dime...	360	C18H20N2O6	014414-32-5	47
5	1H-isoindole-1,3(2H)-dione, 2-[5...	360	C21H16N2O4	1000398-48-8	43





Sample Results: **BF143564.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143564.D
Acq On : 22 Aug 2025 10:58
Operator : RC/JU
Sample : PB169330BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169330BL

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
2-Pentanone, 4-...	5.181	9.8	ng	298286	1	6.922	607313	20.0
(1,1'-Biphenyl)...	17.374	7.8	ng	203360	6	15.598	519828	20.0

Raw Data: **BF143565.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:	PB169330BS	SDG No.:	Q2903
Lab Sample ID:	PB169330BS	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
BF143565.D	1	08/21/25 08:50	08/22/25 11:27	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	24.7		3.90	10.0	ug/L
108-95-2	Phenol	41.8		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	41.9		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	42.8		0.58	5.00	ug/L
95-48-7	2-Methylphenol	44.2		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	41.1		1.30	5.00	ug/L
98-86-2	Acetophenone	45.6		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	45.0		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	46.2		1.40	2.50	ug/L
67-72-1	Hexachloroethane	44.8		0.65	5.00	ug/L
98-95-3	Nitrobenzene	44.5		0.76	5.00	ug/L
78-59-1	Isophorone	45.2		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	45.0		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	46.3		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.2		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	43.0		0.52	5.00	ug/L
91-20-3	Naphthalene	42.2		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	22.0		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	44.8		0.54	5.00	ug/L
105-60-2	Caprolactam	55.1		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	46.1		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	39.3		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	110	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	42.8		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	41.5		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	42.8		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	41.6		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	45.9		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	47.0		0.61	5.00	ug/L

Raw Data: **BF143565.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:	PB169330BS	SDG No.:	Q2903
Lab Sample ID:	PB169330BS	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
BF143565.D	1	08/21/25 08:50	08/22/25 11:27	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	47.1		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	49.0		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	30.8		1.10	5.00	ug/L
83-32-9	Acenaphthene	45.6		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	77.2		6.00	10.0	ug/L
100-02-7	4-Nitrophenol	97.6	E	2.40	10.0	ug/L
132-64-9	Dibenzofuran	43.2		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	49.0		1.20	5.00	ug/L
84-66-2	Diethylphthalate	49.5		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43.2		0.68	5.00	ug/L
86-73-7	Fluorene	44.2		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	49.3		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	45.2		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	43.7		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	42.8		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	44.0		0.52	5.00	ug/L
1912-24-9	Atrazine	56.1		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	92.1	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	43.4		0.50	5.00	ug/L
120-12-7	Anthracene	44.4		0.61	5.00	ug/L
86-74-8	Carbazole	46.3		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	58.1		1.20	5.00	ug/L
206-44-0	Fluoranthene	47.2		0.82	5.00	ug/L
129-00-0	Pyrene	45.4		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	55.5		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	28.9		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	45.9		0.45	5.00	ug/L
218-01-9	Chrysene	43.9		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	43.0		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	39.4		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	45.6		0.49	5.00	ug/L

Raw Data: **BF143565.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:	PB169330BS	SDG No.:	Q2903
Lab Sample ID:	PB169330BS	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
BF143565.D	1	08/21/25 08:50	08/22/25 11:27	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	47.2		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	47.6		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	44.9		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	45.5		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	46.1		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41.5		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	36.3		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	48.0		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	119		23 - 138	79%	SPK: 150
13127-88-3	Phenol-d6	120		10 - 134	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	86.9		67 - 132	87%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.7		52 - 132	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	132		44 - 137	88%	SPK: 150
1718-51-0	Terphenyl-d14	93.7		42 - 152	94%	SPK: 100

INTERNAL STANDARDS			
3855-82-1	1,4-Dichlorobenzene-d4	101000	6.928
1146-65-2	Naphthalene-d8	390000	8.21
15067-26-2	Acenaphthene-d10	220000	9.969
1517-22-2	Phenanthrene-d10	354000	11.457
1719-03-5	Chrysene-d12	212000	14.098
1520-96-3	Perylene-d12	208000	15.598

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 : BF143565.D
Acq On : 22 Aug 2025 11:27
Operator : RC/JU
Sample : PB169330BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 22 11:54:06 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

Instrument :
BNA_F
ClientSampleId :
PB169330BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

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	6.928	152	101018	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	389858	20.000	ng		0.00
39) Acenaphthene-d10	9.969	164	220374	20.000	ng		0.00
64) Phenanthrene-d10	11.457	188	354024	20.000	ng		0.00
76) Chrysene-d12	14.098	240	211918	20.000	ng		0.00
86) Perylene-d12	15.598	264	208497	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.575	112	689265	119.144	ng		0.01
7) Phenol-d6	6.569	99	854234	119.616	ng		0.00
23) Nitrobenzene-d5	7.487	82	580361	86.870	ng		-0.01
42) 2,4,6-Tribromophenol	10.763	330	271309	132.258	ng		0.00
45) 2-Fluorobiphenyl	9.287	172	1116747	83.749	ng		0.00
79) Terphenyl-d14	13.039	244	1137401	93.659	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.881	88	97360	36.329	ng		94
3) Pyridine	3.628	79	261741	36.669	ng		98
4) n-Nitrosodimethylamine	3.575	42	151034	47.069	ng		92
6) Aniline	6.593	93	301594	31.595	ng	#	89
8) 2-Chlorophenol	6.716	128	273177	42.752	ng		98
9) Benzaldehyde	6.475	77	142621	24.667	ng		98
10) Phenol	6.581	94	343798	41.789	ng		96
11) bis(2-Chloroethyl)ether	6.657	93	257497	41.884	ng		100
12) 1,3-Dichlorobenzene	6.869	146	309880	43.162	ng		99
13) 1,4-Dichlorobenzene	6.945	146	314330	43.646	ng		99
14) 1,2-Dichlorobenzene	7.098	146	301047	44.151	ng		99
15) Benzyl Alcohol	7.069	79	255095	47.710	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.198	45	404274	41.103	ng		94
17) 2-Methylphenol	7.181	107	226640	44.193	ng		98
18) Hexachloroethane	7.440	117	109593	44.758	ng		98
19) n-Nitroso-di-n-propyla...	7.340	70	201597	46.185	ng		99
20) 3+4-Methylphenols	7.334	107	275497	45.000	ng		95
22) Acetophenone	7.334	105	384279	45.625	ng		99
24) Nitrobenzene	7.504	77	306080	44.514	ng		97
25) Isophorone	7.745	82	553969	45.235	ng		100
26) 2-Nitrophenol	7.822	139	151400	44.950	ng		93
27) 2,4-Dimethylphenol	7.863	122	243031m	46.287	ng		
28) bis(2-Chloroethoxy)met...	7.951	93	325495	43.248	ng		100
29) 2,4-Dichlorophenol	8.069	162	241291	43.029	ng		98
30) 1,2,4-Trichlorobenzene	8.151	180	261097	45.287	ng		99
31) Naphthalene	8.234	128	789696	42.191	ng		100
32) Benzoic acid	7.992	122	122802	41.971	ng		94
33) 4-Chloroaniline	8.275	127	146125	21.996	ng		97
34) Hexachlorobutadiene	8.351	225	168525	44.803	ng		99
35) Caprolactam	8.651	113	74100m	55.068	ng		
36) 4-Chloro-3-methylphenol	8.769	107	259225	46.128	ng		96
37) 2-Methylnaphthalene	8.922	142	491239	39.296	ng		100
38) 1-Methylnaphthalene	9.022	142	506880	42.389	ng		99
40) 1,2,4,5-Tetrachloroben...	9.092	216	261384	41.466	ng		99
41) Hexachlorocyclopentadiene	9.081	237	264577	105.766	ng		99
43) 2,4,6-Trichlorophenol	9.204	196	165973	42.791	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143565.D
Acq On : 22 Aug 2025 11:27
Operator : RC/JU
Sample : PB169330BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 22 11:54:06 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

Instrument :
BNA_F
ClientSampleId :
PB169330BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

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Supervised By :Jagrut Upadhyay

08/25/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	175994	41.539	ng	99
46) 1,1'-Biphenyl	9.386	154	669776	42.820	ng	98
47) 2-Chloronaphthalene	9.410	162	510566	41.601	ng	97
48) 2-Nitroaniline	9.504	65	164949	45.924	ng	97
49) Acenaphthylene	9.828	152	827727	47.102	ng	100
50) Dimethylphthalate	9.686	163	624314	47.038	ng	99
51) 2,6-Dinitrotoluene	9.745	165	134811	49.008	ng	94
52) Acenaphthene	9.998	154	544272	45.617	ng	99
53) 3-Nitroaniline	9.916	138	91552	30.801	ng	95
54) 2,4-Dinitrophenol	10.028	184	113338	77.240	ng	92
55) Dibenzofuran	10.175	168	734966	43.206	ng	97
56) 4-Nitrophenol	10.092	139	172666	97.629	ng	91
57) 2,4-Dinitrotoluene	10.151	165	180096	49.032	ng	91
58) Fluorene	10.516	166	579075	44.230	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	151199	48.035	ng	97
60) Diethylphthalate	10.386	149	589094	49.505	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	282715	43.178	ng	97
62) 4-Nitroaniline	10.533	138	134467	49.251	ng	90
63) Azobenzene	10.663	77	570913	46.270	ng	98
65) 4,6-Dinitro-2-methylph...	10.569	198	90164	45.169	ng	99
66) n-Nitrosodiphenylamine	10.622	169	497854	43.698	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	180581	42.751	ng	93
68) Hexachlorobenzene	11.069	284	200456	44.025	ng	100
69) Atrazine	11.151	200	164883	56.064	ng	98
70) Pentachlorophenol	11.269	266	192156	92.148	ng	99
71) Phenanthrene	11.480	178	823531	43.439	ng	100
72) Anthracene	11.533	178	852816	44.404	ng	100
73) Carbazole	11.686	167	728699	46.304	ng	99
74) Di-n-butylphthalate	12.010	149	852762	58.086	ng	99
75) Fluoranthene	12.669	202	803075	47.208	ng	99
77) Benzidine	12.786	184	258033	49.987	ng	98
78) Pyrene	12.898	202	791447	45.402	ng	100
80) Butylbenzylphthalate	13.510	149	264231	55.486	ng	99
81) Benzo(a)anthracene	14.086	228	626650	45.930	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	112759	28.859	ng	96
83) Chrysene	14.127	228	538557	43.925	ng	100
84) Bis(2-ethylhexyl)phtha...	14.069	149	311892	43.002	ng	100
85) Di-n-octyl phthalate	14.680	149	529652	39.419	ng	99
87) Indeno(1,2,3-cd)pyrene	17.133	276	673168	44.930	ng	99
88) Benzo(b)fluoranthene	15.157	252	528666	45.616	ng	99
89) Benzo(k)fluoranthene	15.186	252	523881	47.211	ng	99
90) Benzo(a)pyrene	15.533	252	512150	47.608	ng	99
91) Dibenzo(a,h)anthracene	17.145	278	545393	45.452	ng	100
92) Benzo(g,h,i)perylene	17.598	276	550013	46.097	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

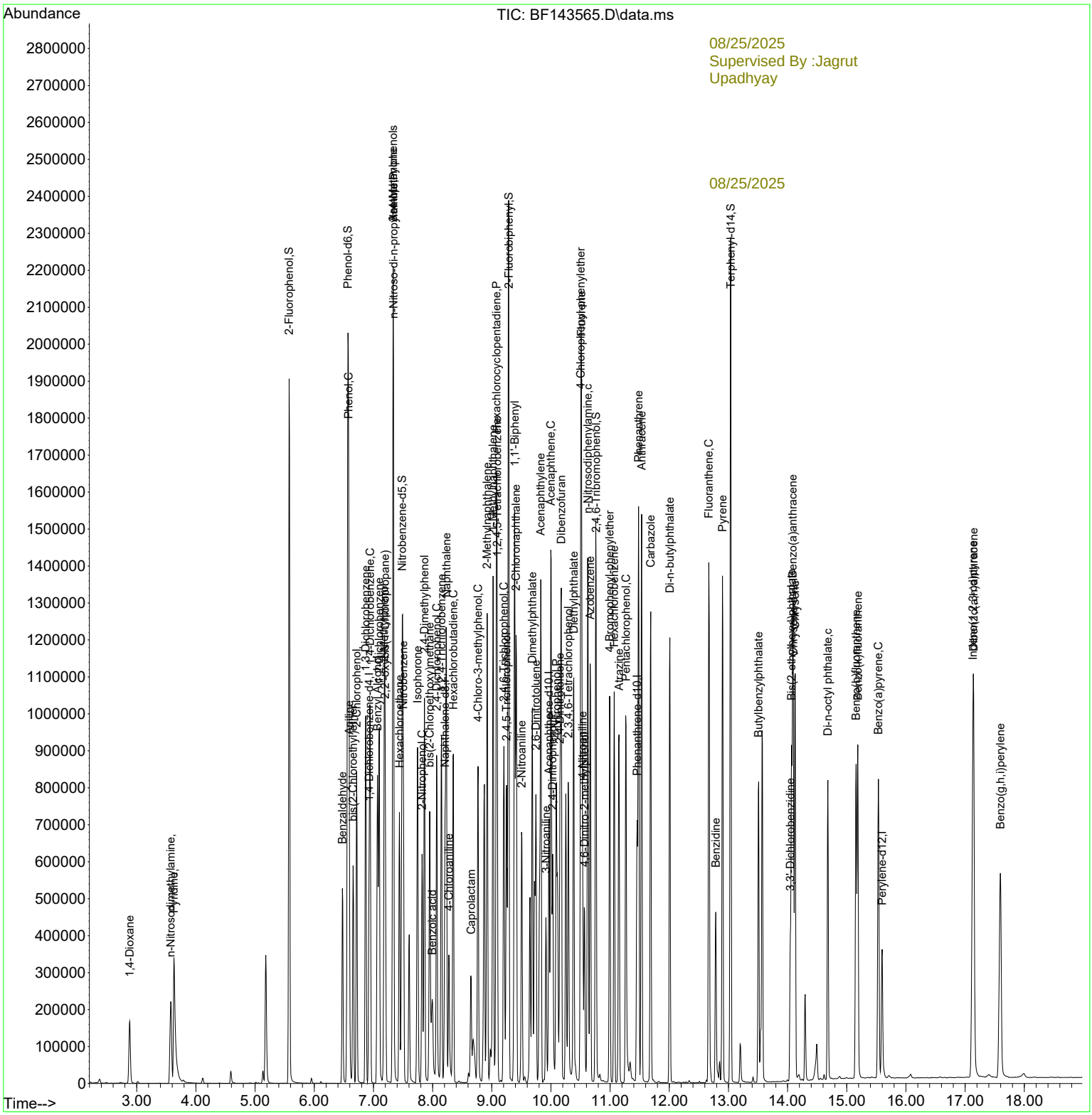
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Data File : BF143565.D
Acq On : 22 Aug 2025 11:27
Operator : RC/JU
Sample : PB169330BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

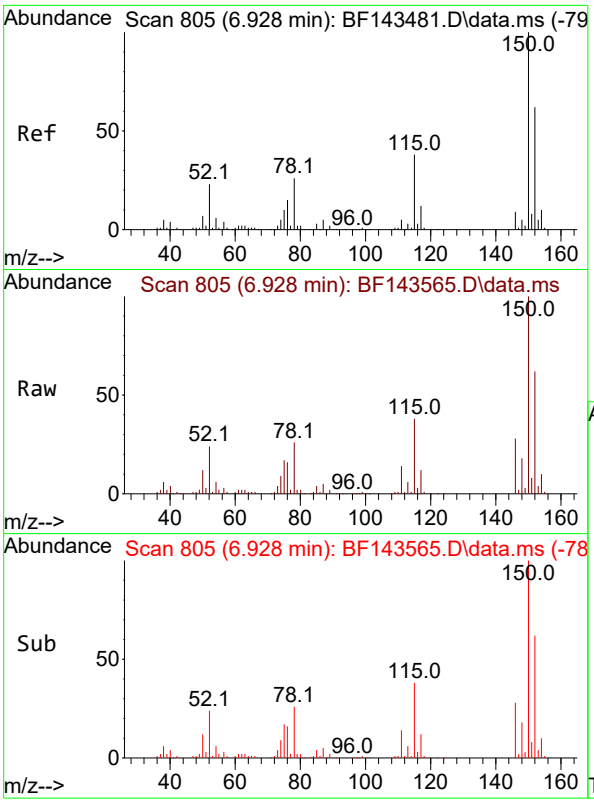
Quant Time: Aug 22 11:54:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169330BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

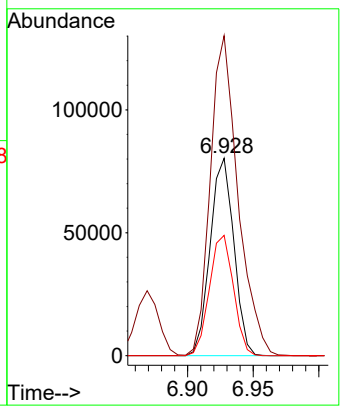




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:152 Resp: 10101

Ion	Ratio	Lower	Upper
152	100		
150	162.1	128.9	193.3
115	61.0	49.2	73.8



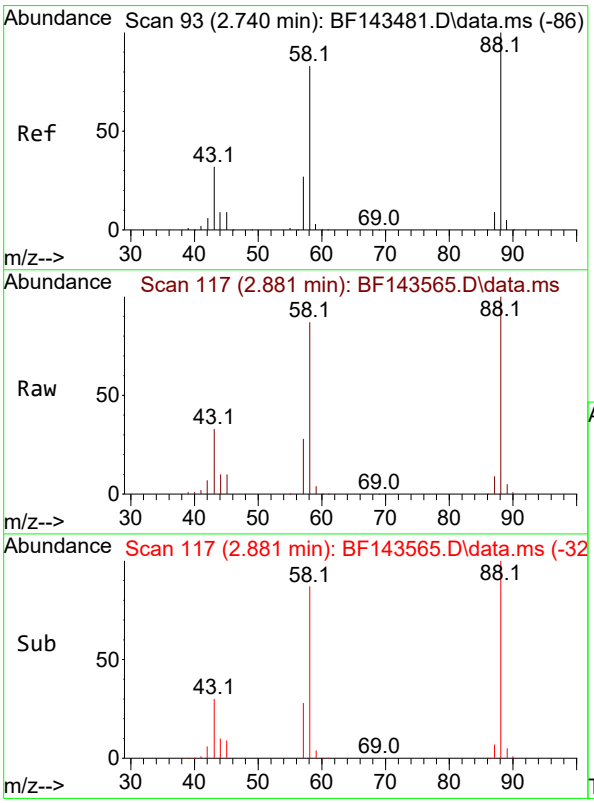
Instrument :
BNA_F
ClientSampleId :
PB169330BS

Manual Integrations
APPROVED

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Supervised By :Jagrut Upadhyay 08/25/2025

08/25/2025
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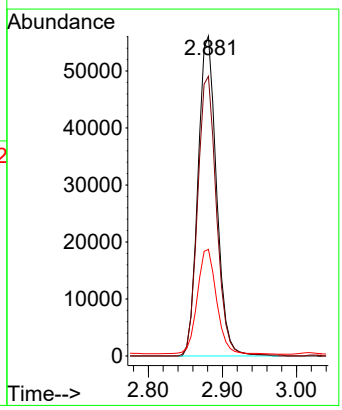
08/25/2025

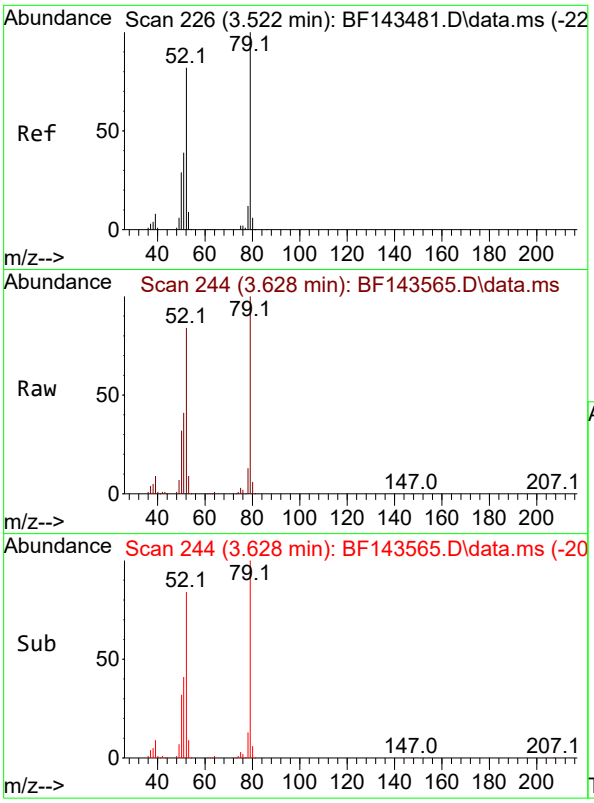


#2
1,4-Dioxane
Concen: 36.329 ng
RT: 2.881 min Scan# 117
Delta R.T. 0.147 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion: 88 Resp: 97360

Ion	Ratio	Lower	Upper
88	100		
58	89.2	66.7	100.1
43	34.5	25.8	38.8





#3
Pyridine
Concen: 36.669 ng
RT: 3.628 min Scan# 24
Delta R.T. 0.112 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

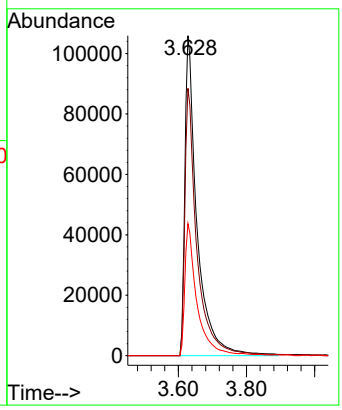
Instrument :
BNA_F
ClientSampleId :
PB169330BS

Tgt Ion: 79 Resp: 26174

Ion	Ratio	Lower	Upper
79	100		
52	83.5	65.6	98.4
51	41.3	31.2	46.8

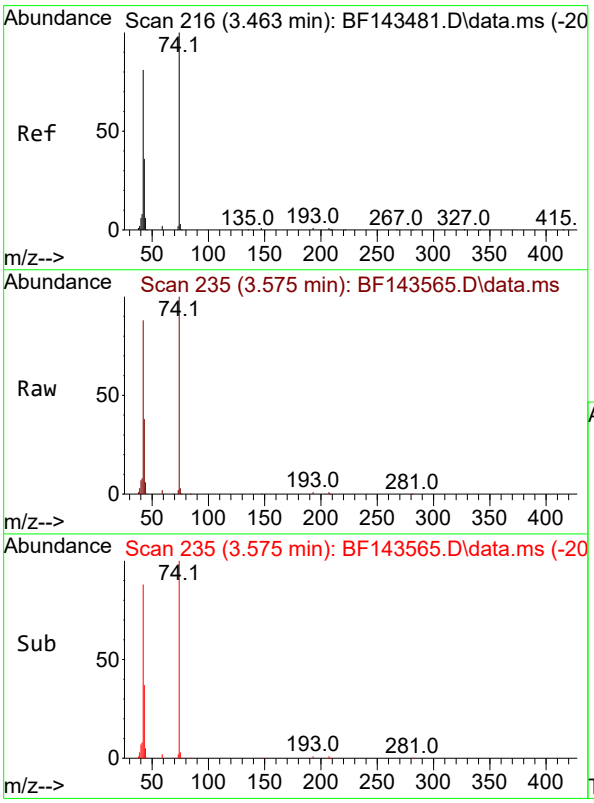
Manual Integrations
APPROVED

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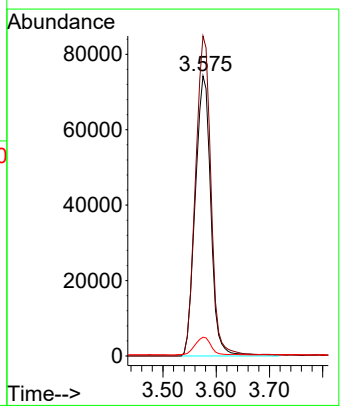
08/25/2025

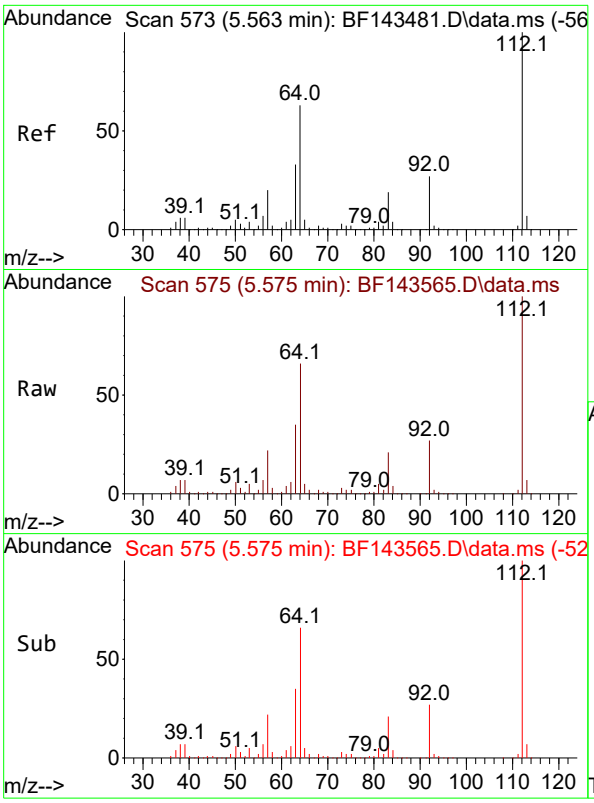


#4
n-Nitrosodimethylamine
Concen: 47.069 ng
RT: 3.575 min Scan# 235
Delta R.T. 0.100 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion: 42 Resp: 151034

Ion	Ratio	Lower	Upper
42	100		
74	114.3	98.6	148.0
44	6.7	5.8	8.8





#5
2-Fluorophenol
Concen: 119.144 ng
RT: 5.575 min Scan# 5
Delta R.T. 0.012 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

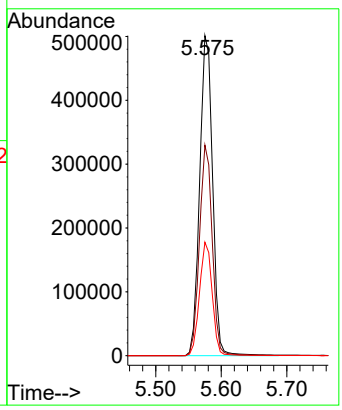
Tgt Ion:112 Resp: 68926

Ion	Ratio	Lower	Upper
112	100		
64	65.8	50.4	75.6
63	35.5	26.4	39.6

Instrument :
BNA_F
ClientSampleId :
PB169330BS

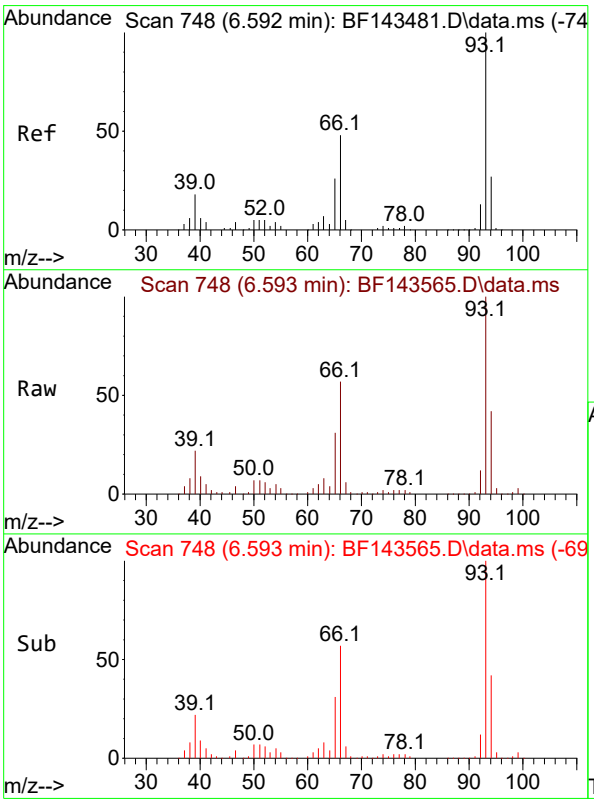
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/25/2025
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08/25/2025
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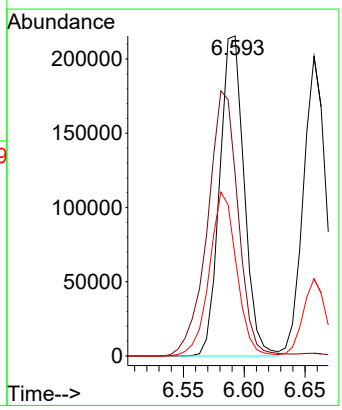
08/25/2025

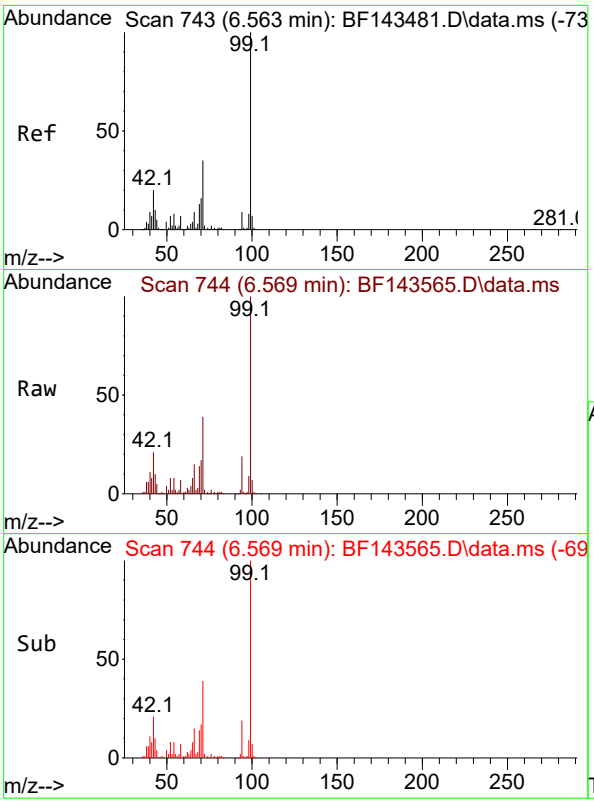


#6
Aniline
Concen: 31.595 ng
RT: 6.593 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion: 93 Resp: 301594

Ion	Ratio	Lower	Upper
93	100		
66	56.6	38.9	58.3
65	30.9	20.6	30.8#

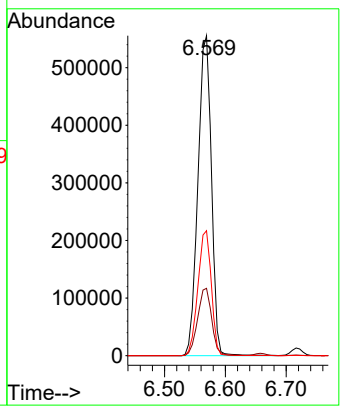




#7
Phenol-d6
Concen: 119.616 ng
RT: 6.569 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion: 99 Resp: 85423

Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.3	24.5
71	39.0	28.2	42.2



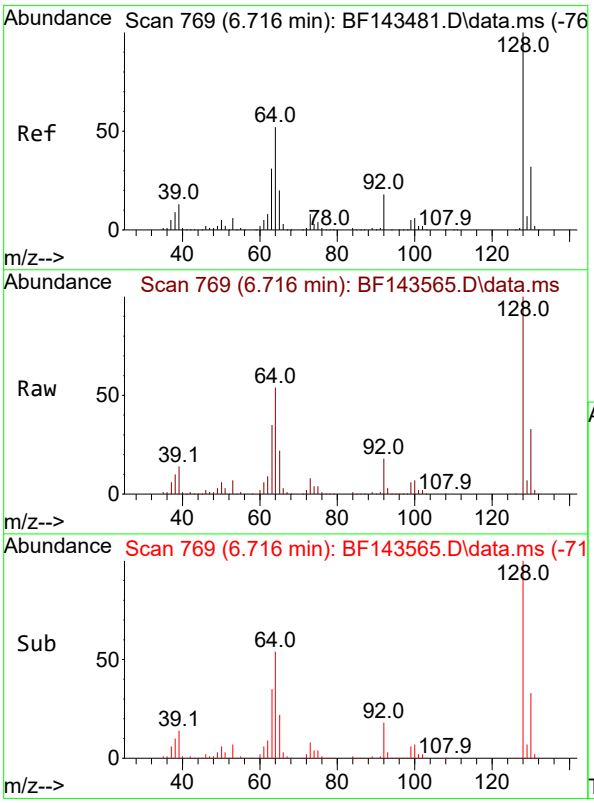
Instrument :
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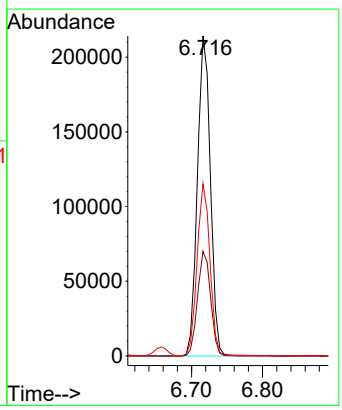
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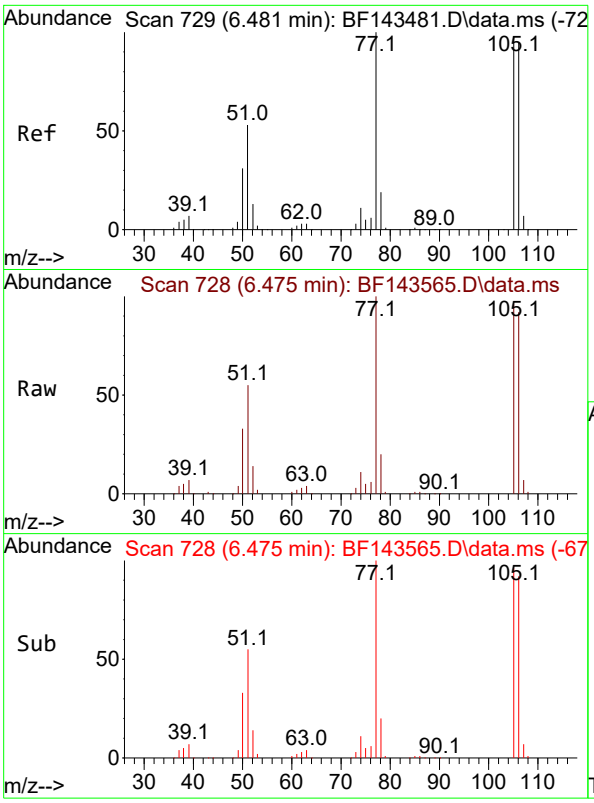


#8
2-Chlorophenol
Concen: 42.752 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:128 Resp: 273177

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.4	52.4
64	53.8	31.6	71.6

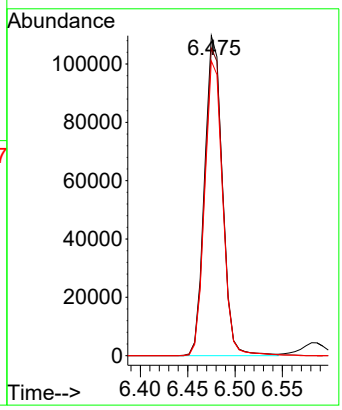




#9
Benzaldehyde
Concen: 24.667 ng
RT: 6.475 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion: 77 Resp: 14262

Ion	Ratio	Lower	Upper
77	100		
105	96.1	78.1	118.1
106	92.1	74.9	114.9



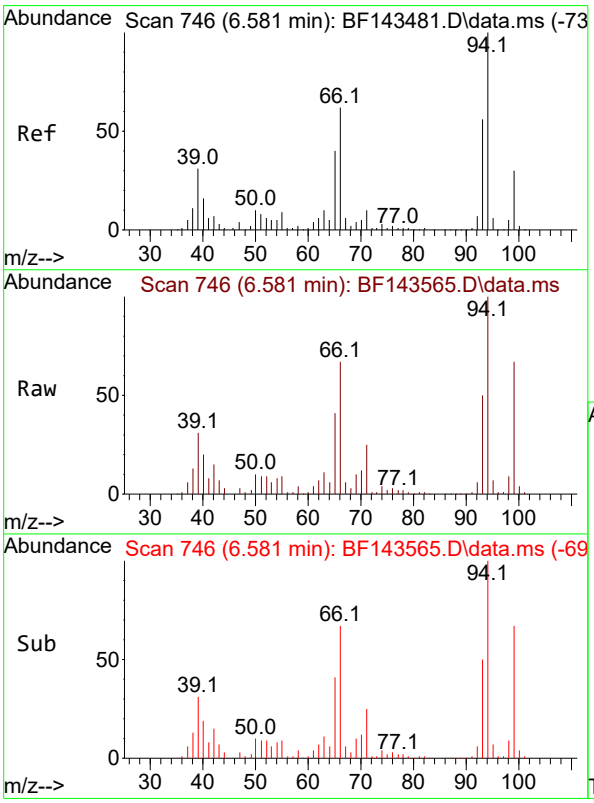
Instrument :
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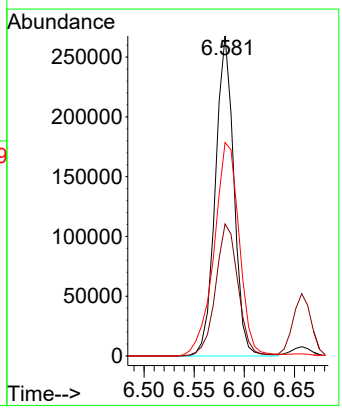
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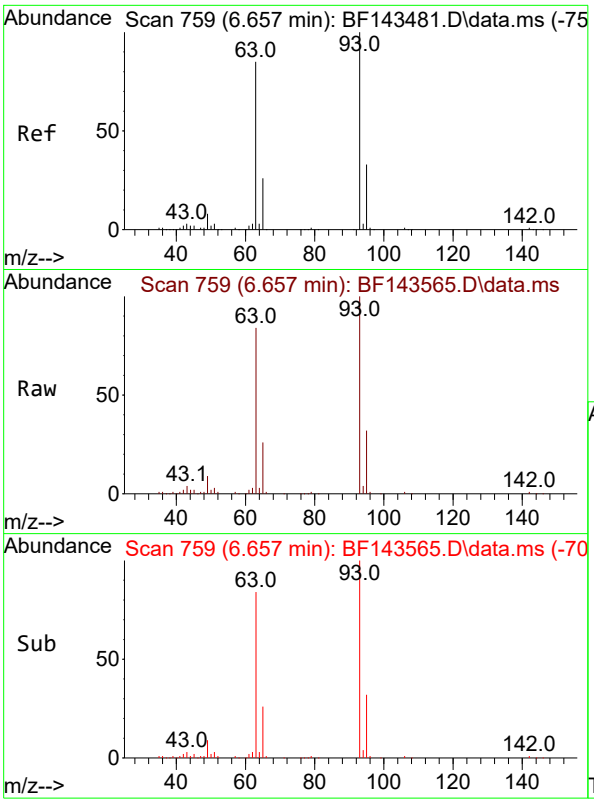


#10
Phenol
Concen: 41.789 ng
RT: 6.581 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion: 94 Resp: 343798

Ion	Ratio	Lower	Upper
94	100		
65	41.2	19.5	59.5
66	66.7	42.5	82.5

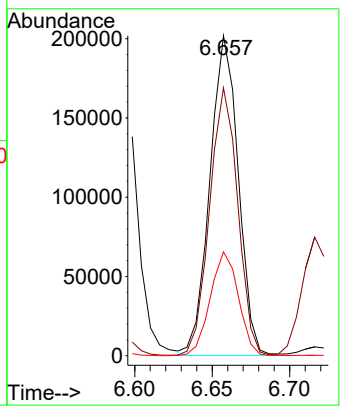




#11
bis(2-Chloroethyl)ether
Concen: 41.884 ng
RT: 6.657 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion: 93 Resp: 25749

Ion	Ratio	Lower	Upper
93	100		
63	83.7	63.6	103.6
95	32.5	12.8	52.8



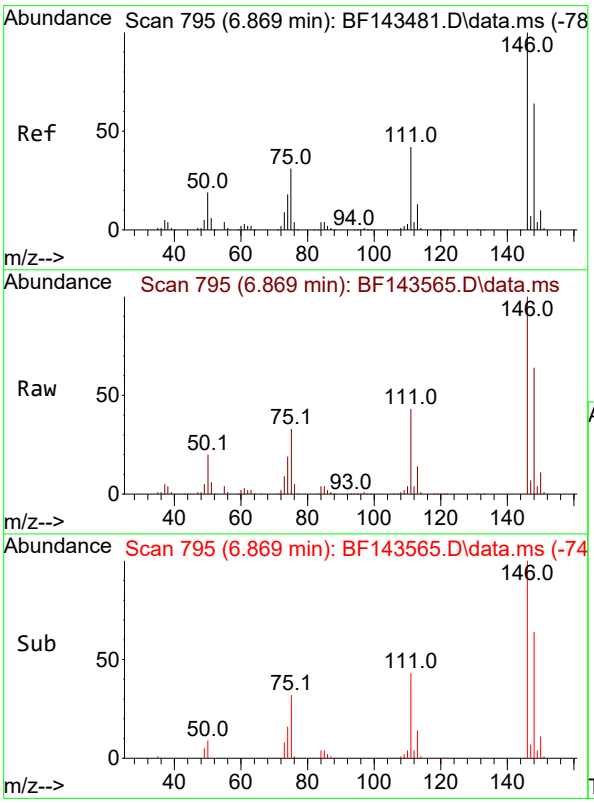
Instrument :
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ClientSampleId :
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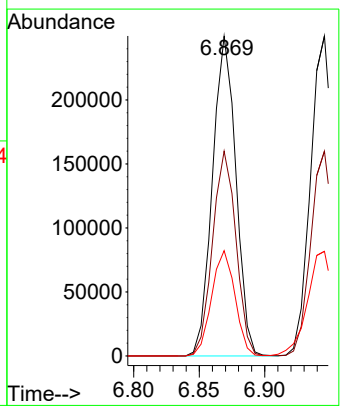
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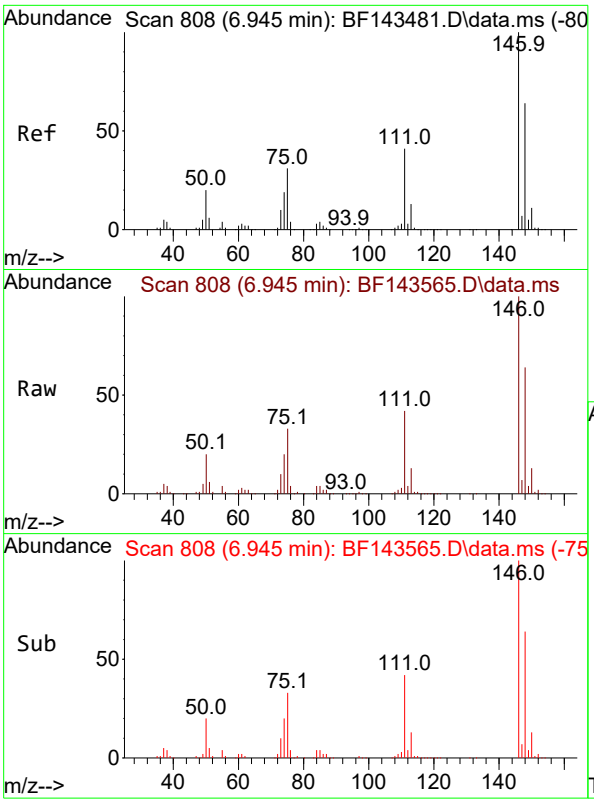


#12
1,3-Dichlorobenzene
Concen: 43.162 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:146 Resp: 309880

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.3	76.9
75	33.0	24.7	37.1

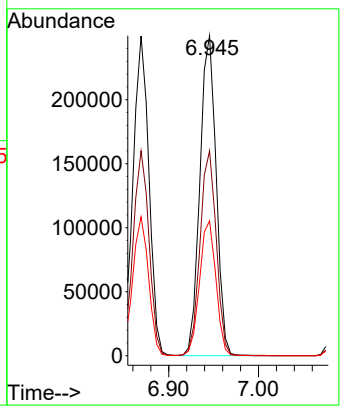




#13
1,4-Dichlorobenzene
Concen: 43.646 ng
RT: 6.945 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:146 Resp: 31433

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.5	77.3
111	42.2	32.6	49.0



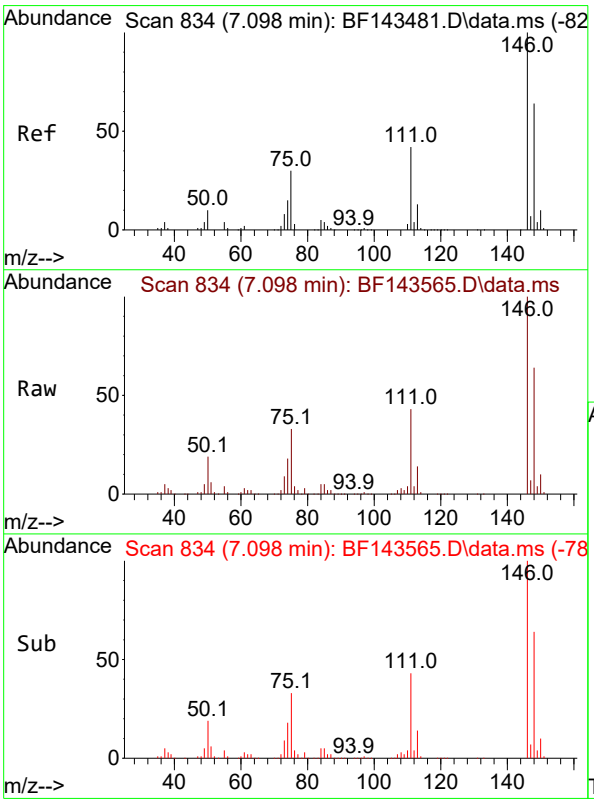
Instrument :
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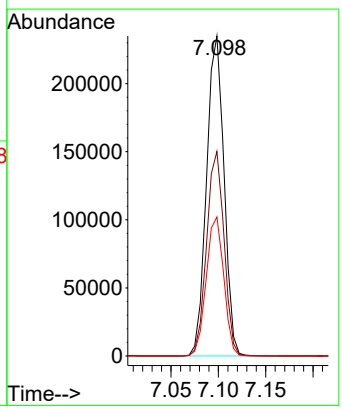
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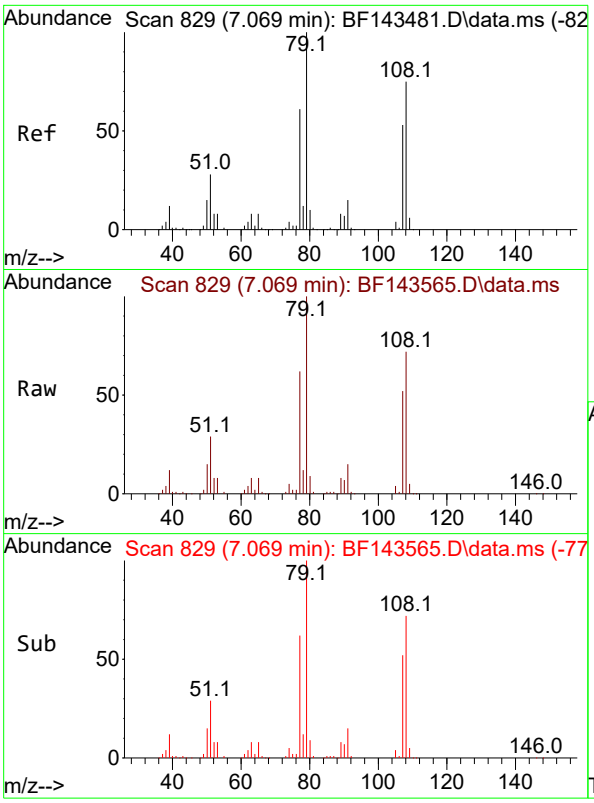


#14
1,2-Dichlorobenzene
Concen: 44.151 ng
RT: 7.098 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:146 Resp: 301047

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.6
111	43.5	34.0	51.0





#15
Benzyl Alcohol
Concen: 47.710 ng
RT: 7.069 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

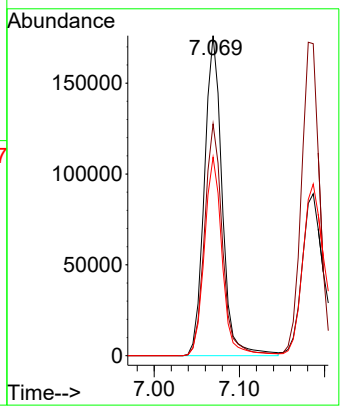
Tgt Ion: 79 Resp: 25509

Ion	Ratio	Lower	Upper
79	100		
108	72.4	59.8	89.6
77	62.0	49.0	73.4

Instrument :
BNA_F
ClientSampleId :
PB169330BS

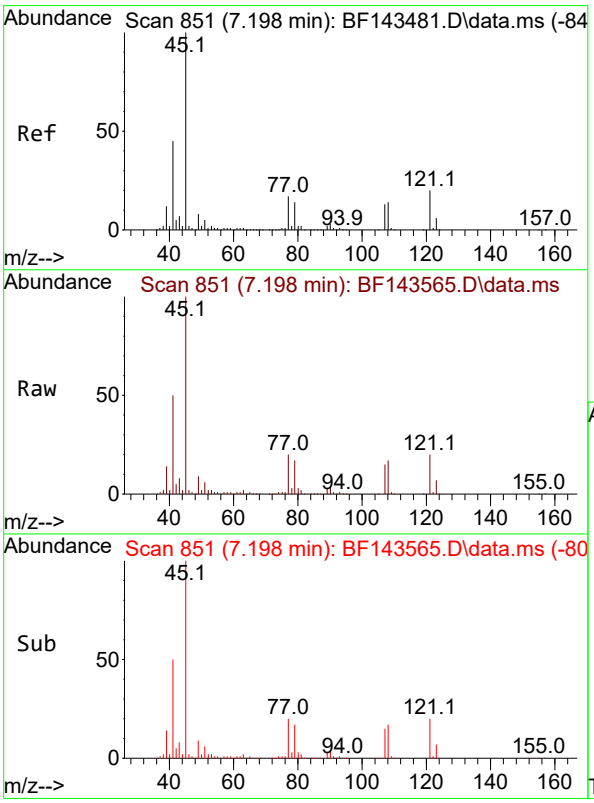
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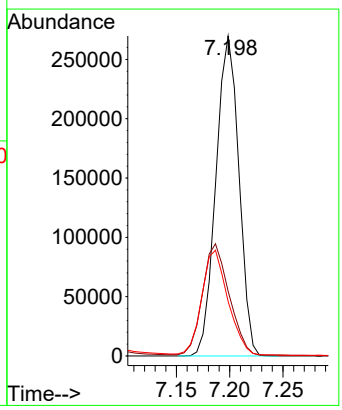
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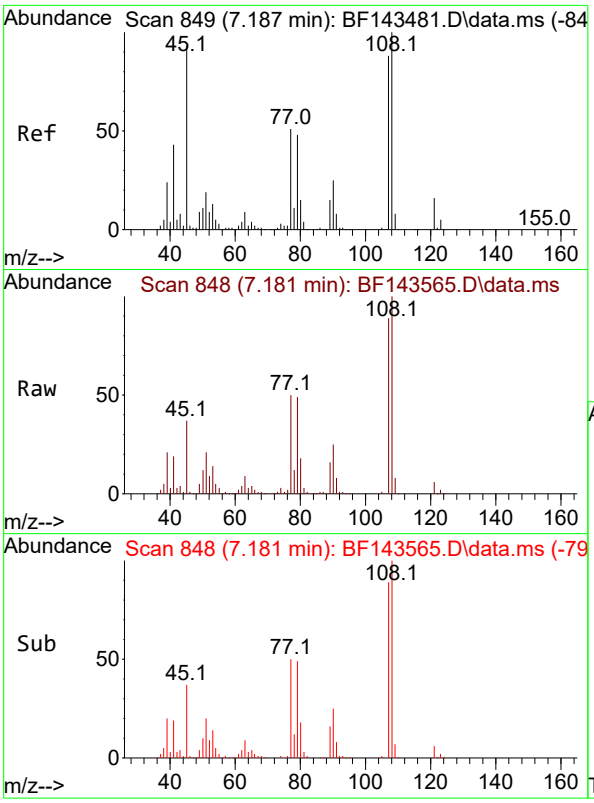


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.103 ng
RT: 7.198 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion: 45 Resp: 404274

Ion	Ratio	Lower	Upper
45	100		
77	20.3	0.0	37.9
79	17.0	0.0	34.7

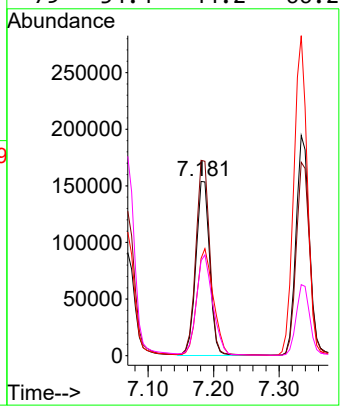




#17
2-Methylphenol
Concen: 44.193 ng
RT: 7.181 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:107 Resp: 22664

Ion	Ratio	Lower	Upper
107	100		
108	112.1	91.1	136.7
77	55.9	46.2	69.4
79	54.4	44.2	66.2



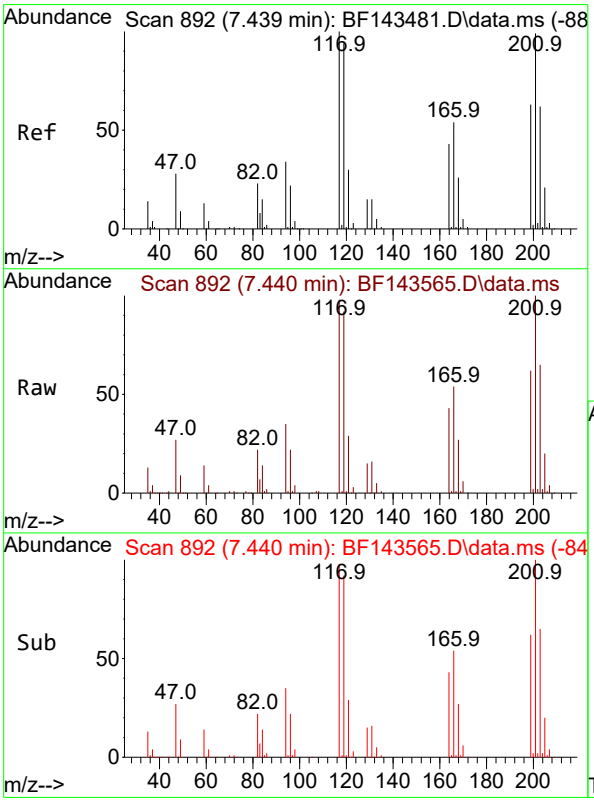
Instrument :
BNA_F
ClientSampleId :
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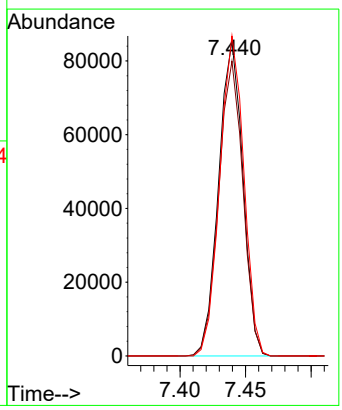
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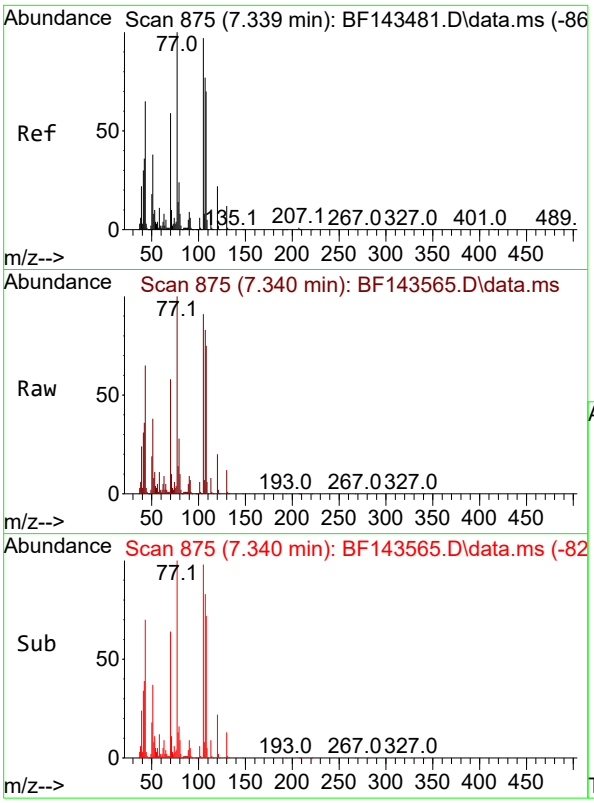


#18
Hexachloroethane
Concen: 44.758 ng
RT: 7.440 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:117 Resp: 109593

Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.4	113.0
201	101.6	79.0	118.4



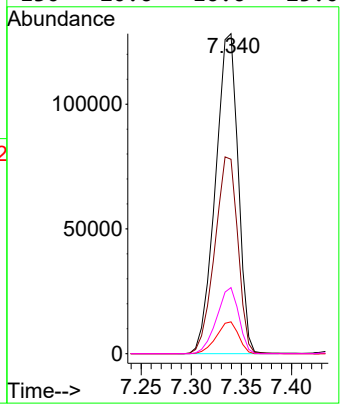


#19
n-Nitroso-di-n-propylamine
Concen: 46.185 ng
RT: 7.340 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB169330BS

Tgt Ion: 70 Resp: 20159

Ion	Ratio	Lower	Upper
70	100		
42	60.8	49.3	73.9
101	10.0	7.8	11.8
130	20.6	16.6	25.0

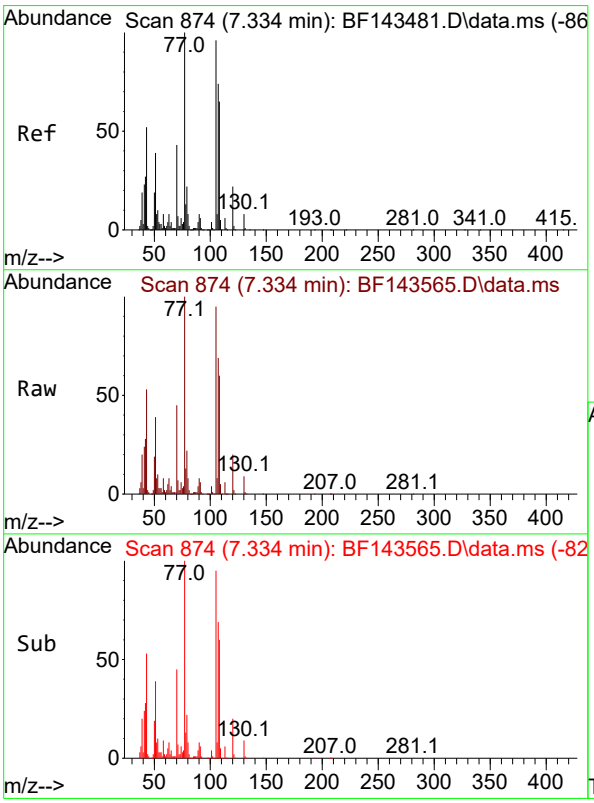


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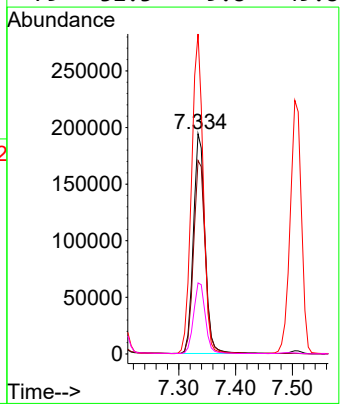
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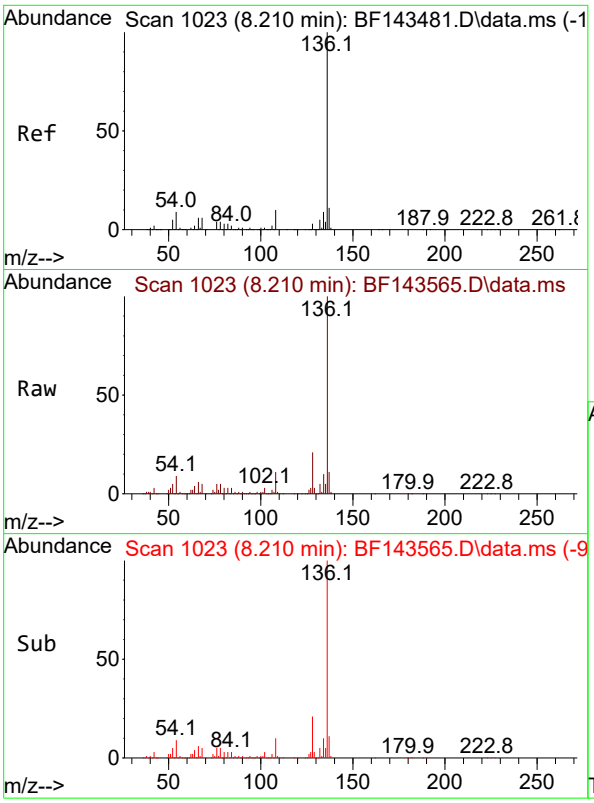


#20
3+4-Methylphenols
Concen: 45.000 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:107 Resp: 275497

Ion	Ratio	Lower	Upper
107	100		
108	87.9	68.4	108.4
77	145.4	116.1	156.1
79	32.3	9.8	49.8

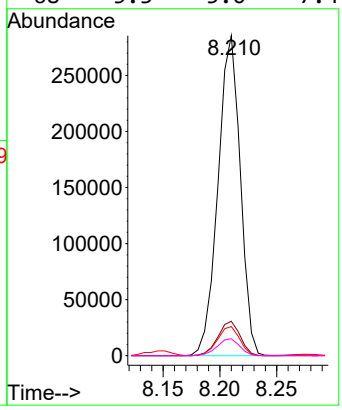




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:136 Resp: 38985

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	9.1	7.4	11.2
68	5.3	5.0	7.4



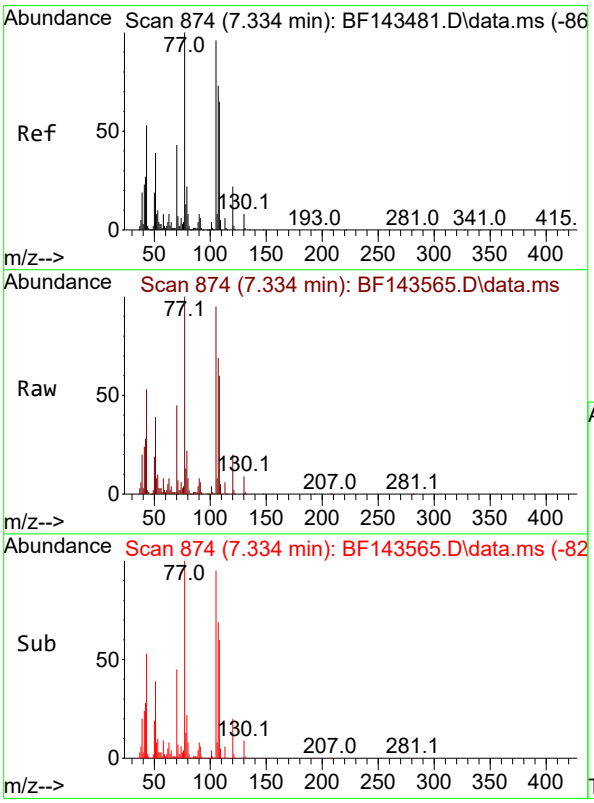
Instrument :
BNA_F
ClientSampleId :
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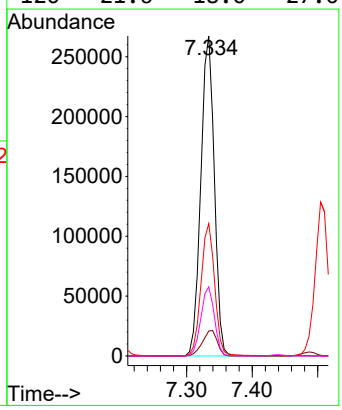
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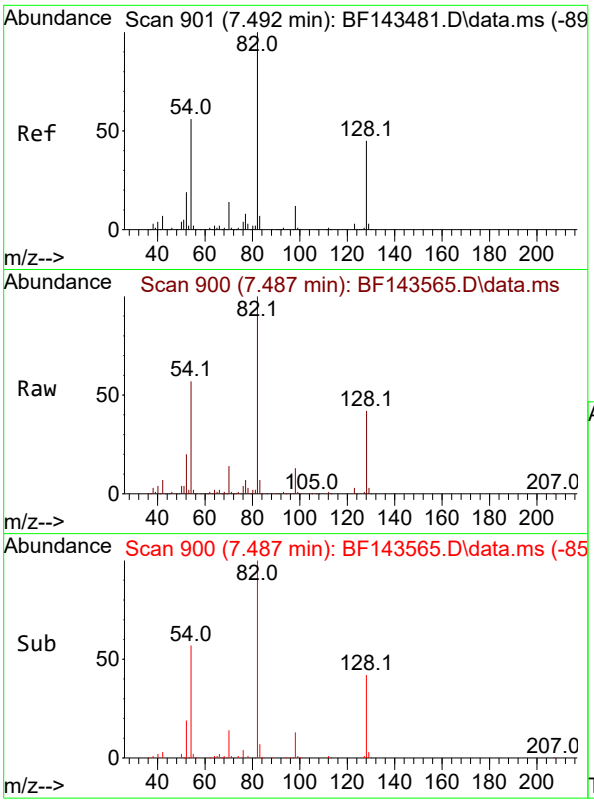


#22
Acetophenone
Concen: 45.625 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:105 Resp: 384279

Ion	Ratio	Lower	Upper
105	100		
71	7.8	5.9	8.9
51	41.4	32.5	48.7
120	21.6	18.0	27.0

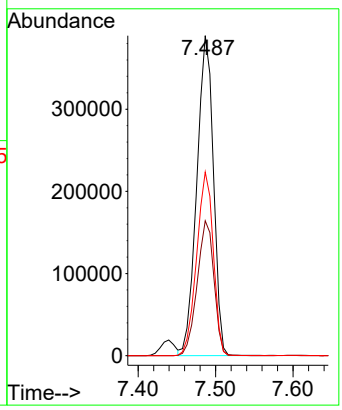




#23
Nitrobenzene-d5
Concen: 86.870 ng
RT: 7.487 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion: 82 Resp: 58036

Ion	Ratio	Lower	Upper
82	100		
128	42.1	35.5	53.3
54	57.4	44.3	66.5



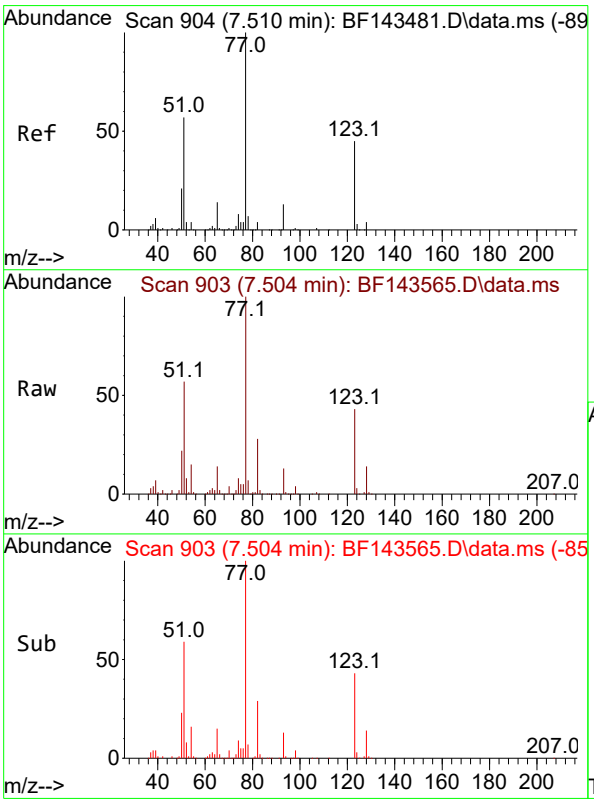
Instrument :
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ClientSampleId :
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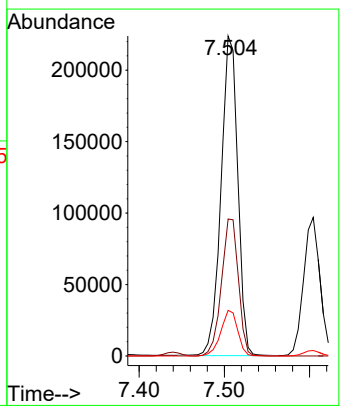
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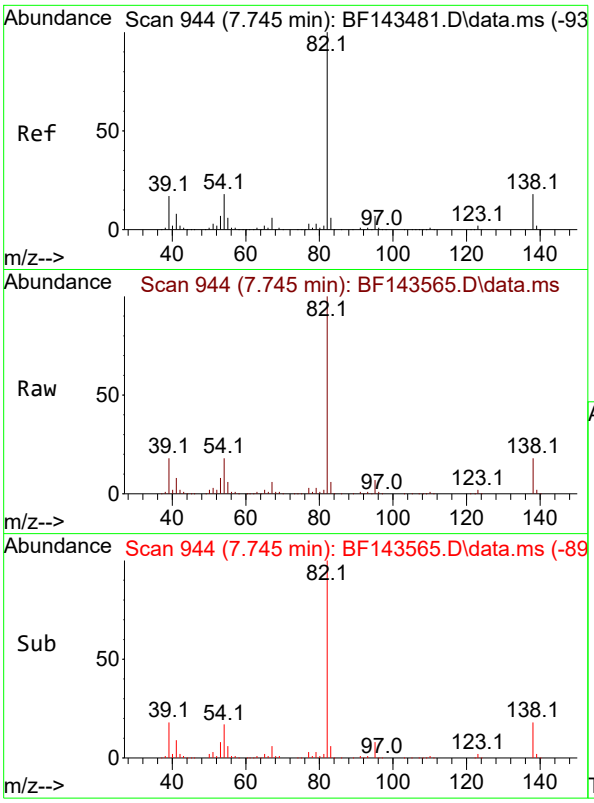


#24
Nitrobenzene
Concen: 44.514 ng
RT: 7.504 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion: 77 Resp: 306080

Ion	Ratio	Lower	Upper
77	100		
123	42.8	36.1	54.1
65	14.3	11.0	16.6

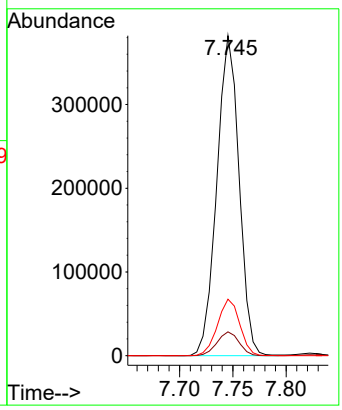




#25
Isophorone
Concen: 45.235 ng
RT: 7.745 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion: 82 Resp: 553969

Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.8	8.8
138	17.6	14.2	21.4



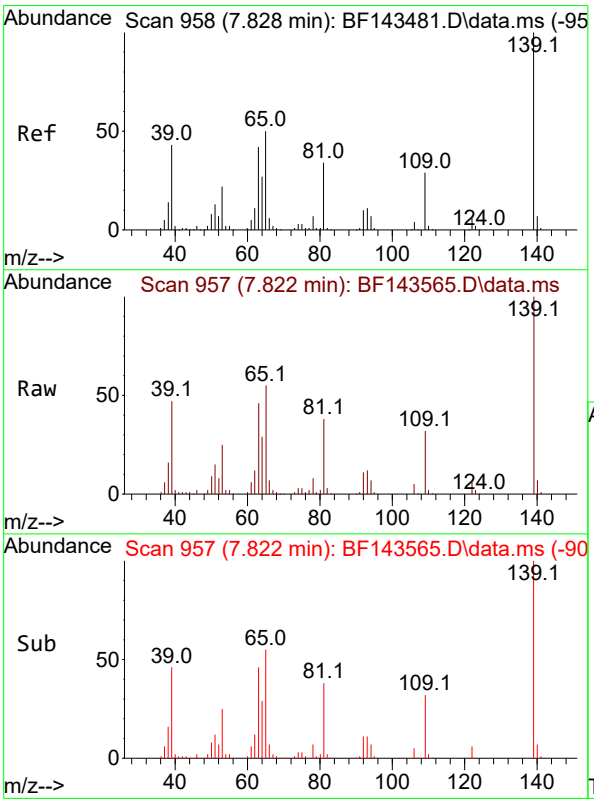
Instrument :
BNA_F
ClientSampleId :
PB169330BS

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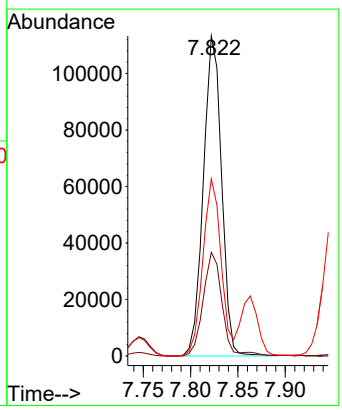
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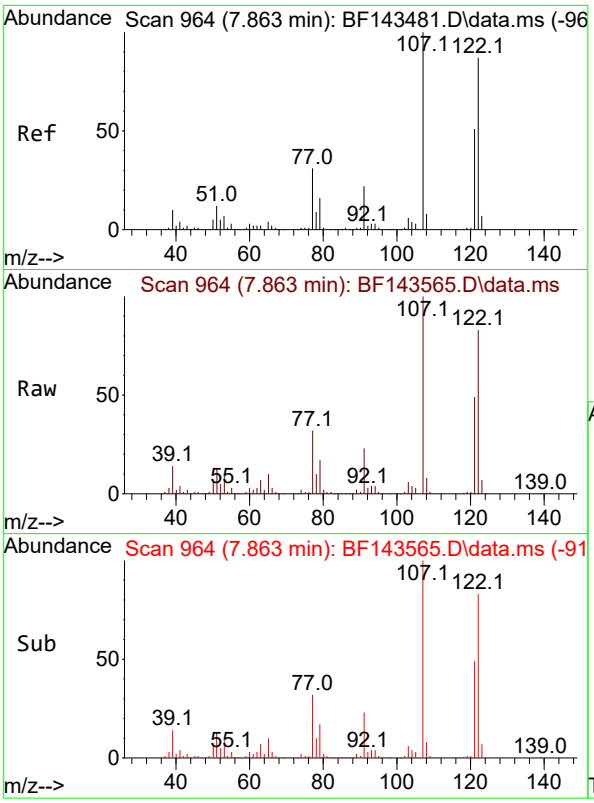


#26
2-Nitrophenol
Concen: 44.950 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:139 Resp: 151400

Ion	Ratio	Lower	Upper
139	100		
109	32.4	23.0	34.6
65	55.4	40.3	60.5





#27
2,4-Dimethylphenol
Concen: 46.287 ng m
RT: 7.863 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

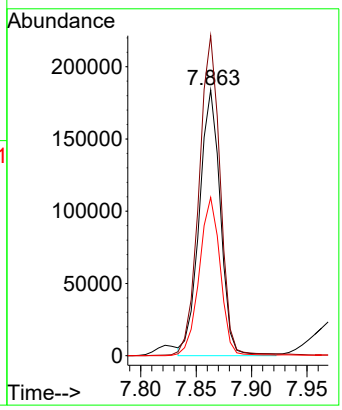
Tgt Ion:122 Resp: 24303

Ion	Ratio	Lower	Upper
122	100		
107	120.4	91.5	137.3
121	59.5	47.0	70.4

Instrument :
BNA_F
ClientSampleId :
PB169330BS

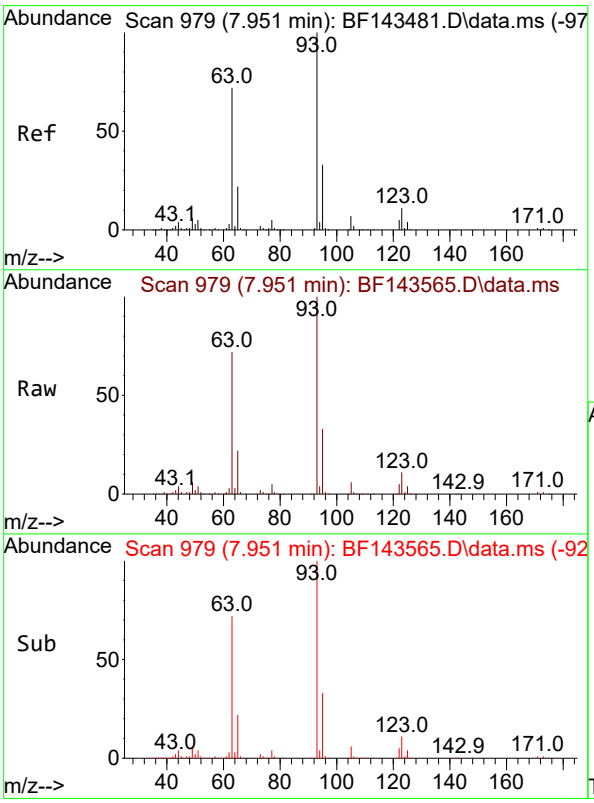
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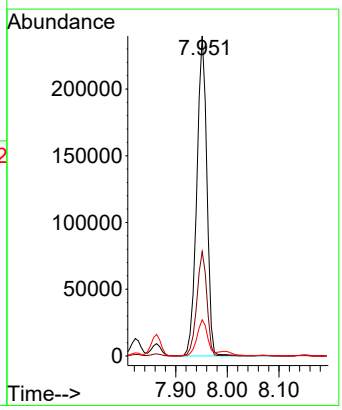
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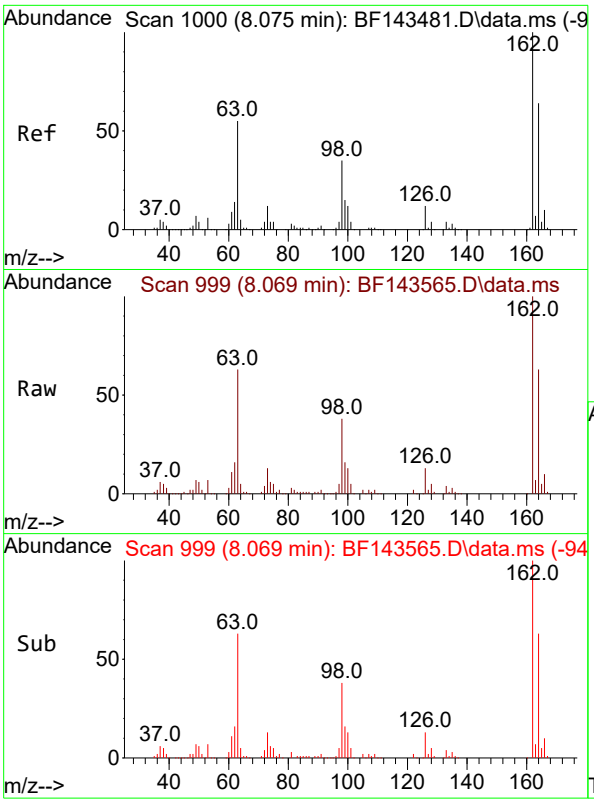


#28
bis(2-Chloroethoxy)methane
Concen: 43.248 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion: 93 Resp: 325495

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.0	39.0
123	11.3	9.1	13.7





#29
2,4-Dichlorophenol
Concen: 43.029 ng
RT: 8.069 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

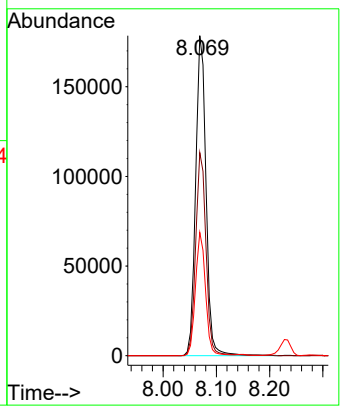
Tgt Ion:162 Resp: 24129

Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.5	83.5
98	38.5	15.1	55.1

Instrument :
BNA_F
ClientSampleId :
PB169330BS

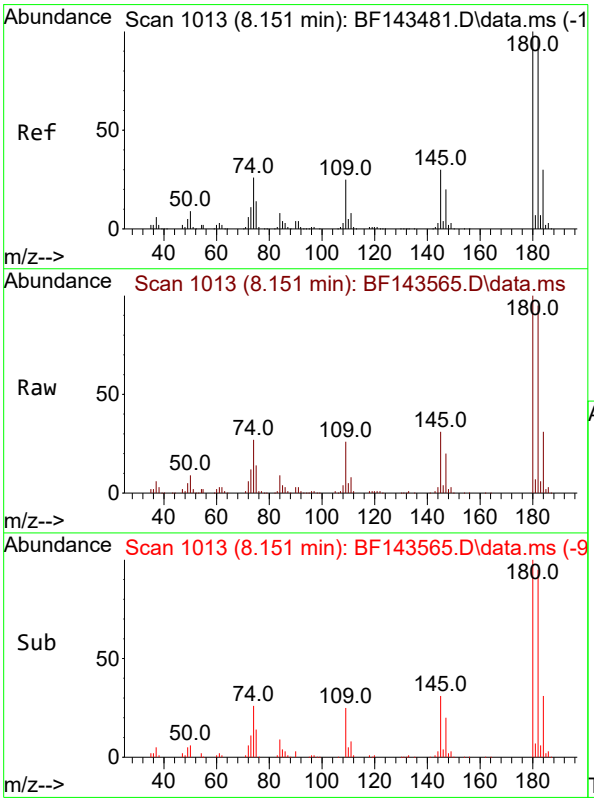
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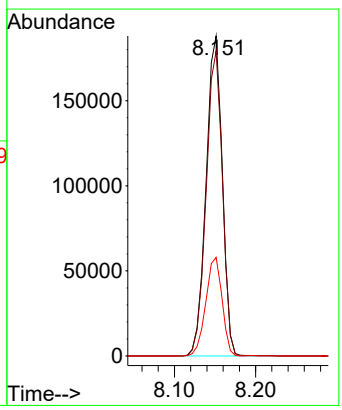
08/25/2025

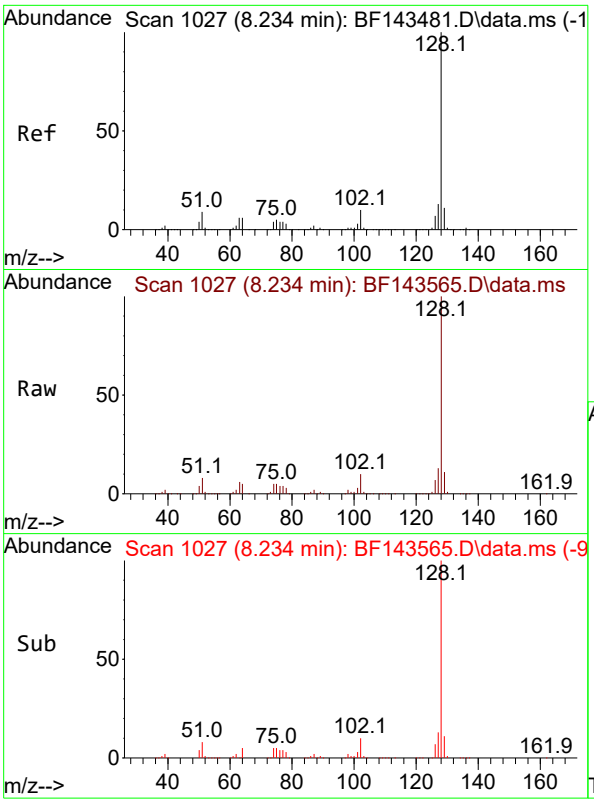


#30
1,2,4-Trichlorobenzene
Concen: 45.287 ng
RT: 8.151 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:180 Resp: 261097

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.6	114.8
145	30.8	24.3	36.5





#31
Naphthalene
Concen: 42.191 ng
RT: 8.234 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

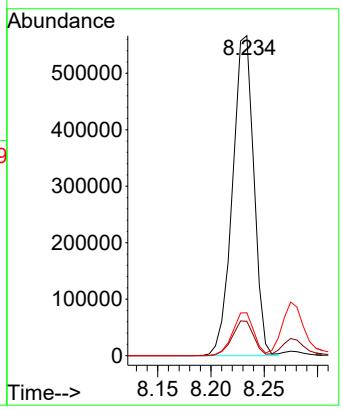
Tgt Ion:128 Resp: 78969(

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.4	10.6	16.0

Instrument :
BNA_F
ClientSampleId :
PB169330BS

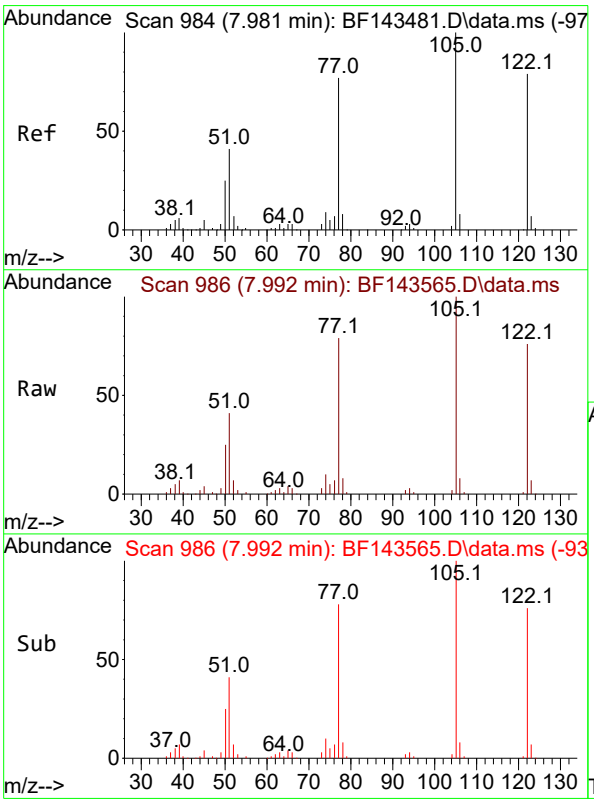
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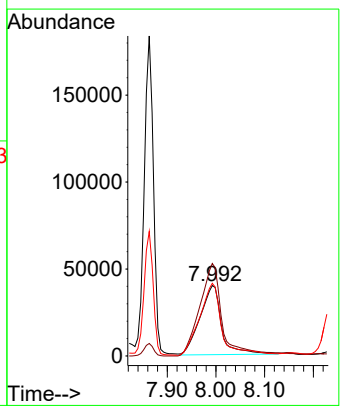
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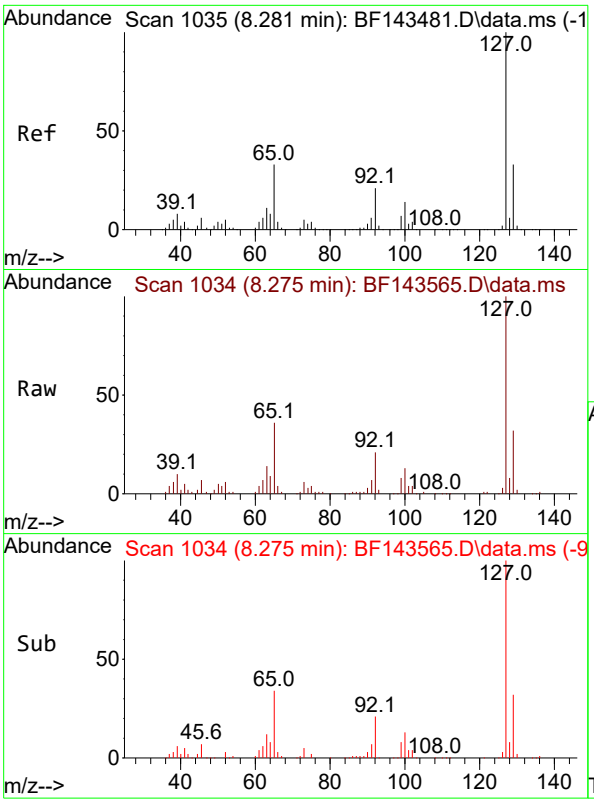


#32
Benzoic acid
Concen: 41.971 ng
RT: 7.992 min Scan# 986
Delta R.T. -0.018 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:122 Resp: 122802

Ion	Ratio	Lower	Upper
122	100		
105	131.3	104.7	144.7
77	103.1	77.3	117.3





#33
4-Chloroaniline
Concen: 21.996 ng
RT: 8.275 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

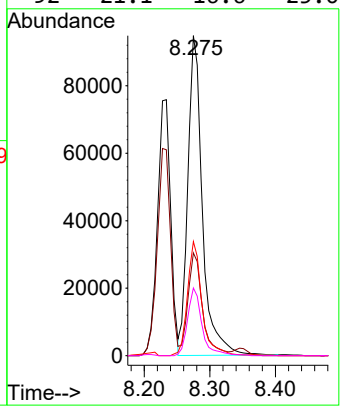
Instrument :
BNA_F
ClientSampleId :
PB169330BS

Tgt Ion:127 Resp: 14612

Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.1	39.1
65	35.7	26.2	39.2
92	21.1	16.6	25.0

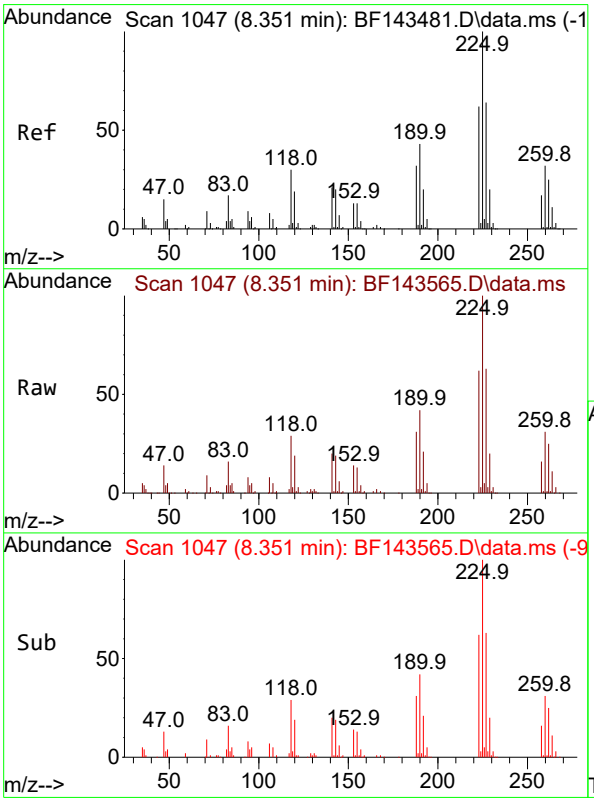
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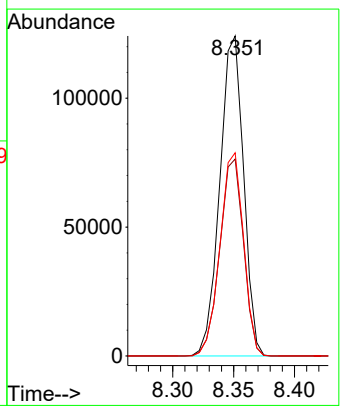
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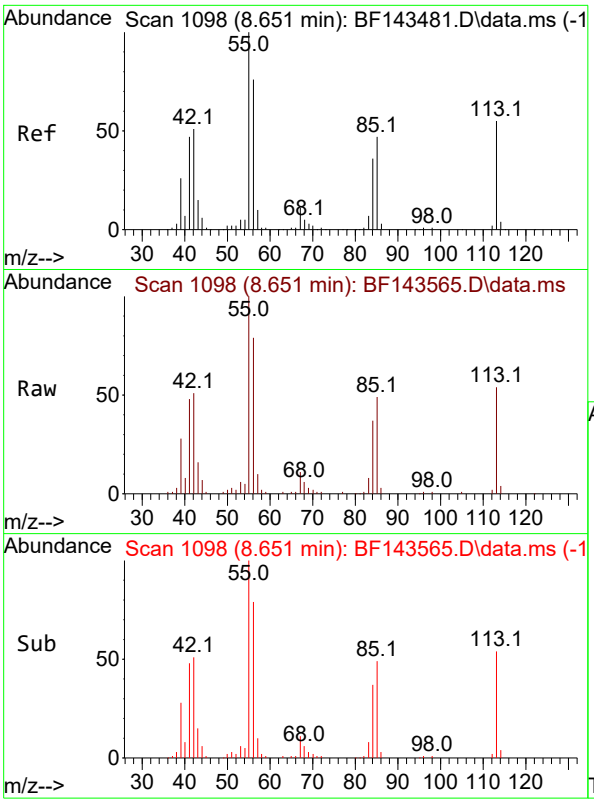


#34
Hexachlorobutadiene
Concen: 44.803 ng
RT: 8.351 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:225 Resp: 168525

Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.9	74.9
227	63.5	50.9	76.3

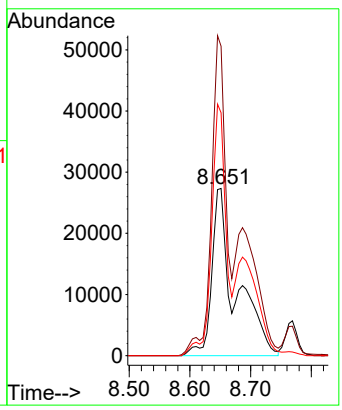




#35
Caprolactam
Concen: 55.068 ng m
RT: 8.651 min Scan# 1
Delta R.T. -0.023 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:113 Resp: 7410

Ion	Ratio	Lower	Upper
113	100		
55	185.0	162.8	202.8
56	145.3	118.1	158.1



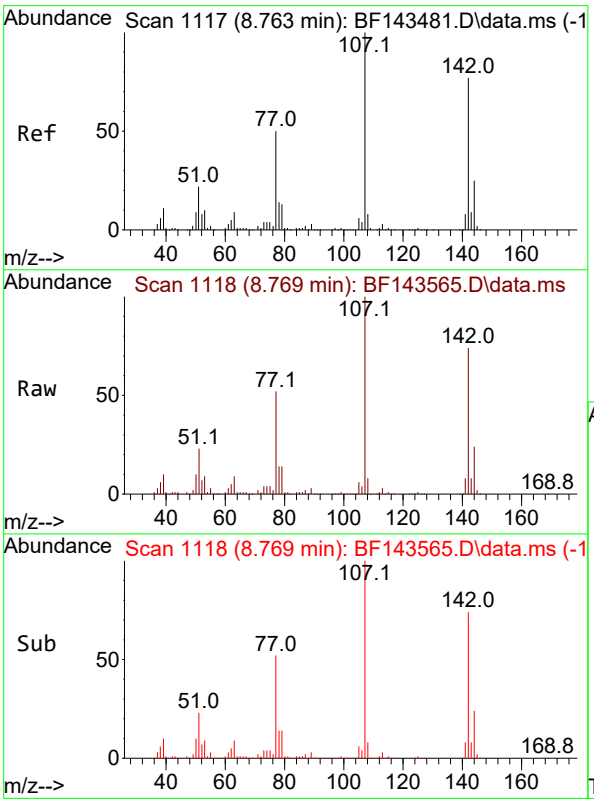
Instrument :
BNA_F
ClientSampleId :
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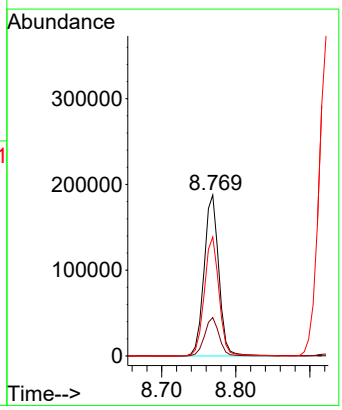
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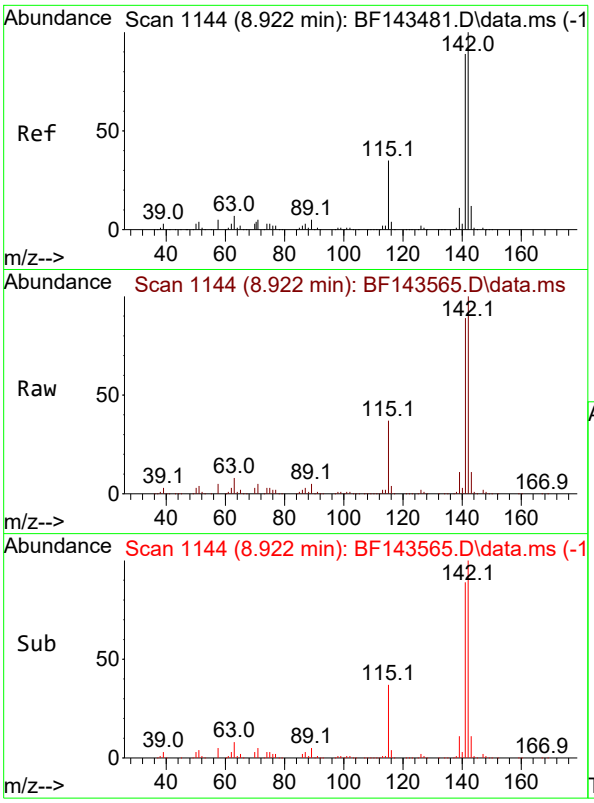


#36
4-Chloro-3-methylphenol
Concen: 46.128 ng
RT: 8.769 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:107 Resp: 259225

Ion	Ratio	Lower	Upper
107	100		
144	23.8	19.9	29.9
142	73.9	61.8	92.8





#37
2-Methylnaphthalene
Concen: 39.296 ng
RT: 8.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

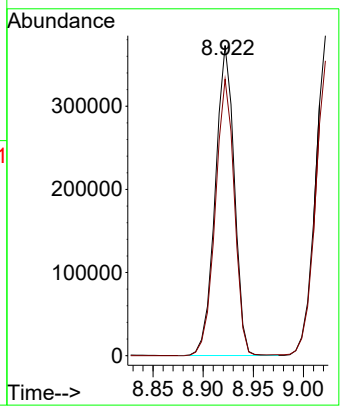
Tgt Ion:142 Resp: 49123

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.4

Instrument :
BNA_F
ClientSampleId :
PB169330BS

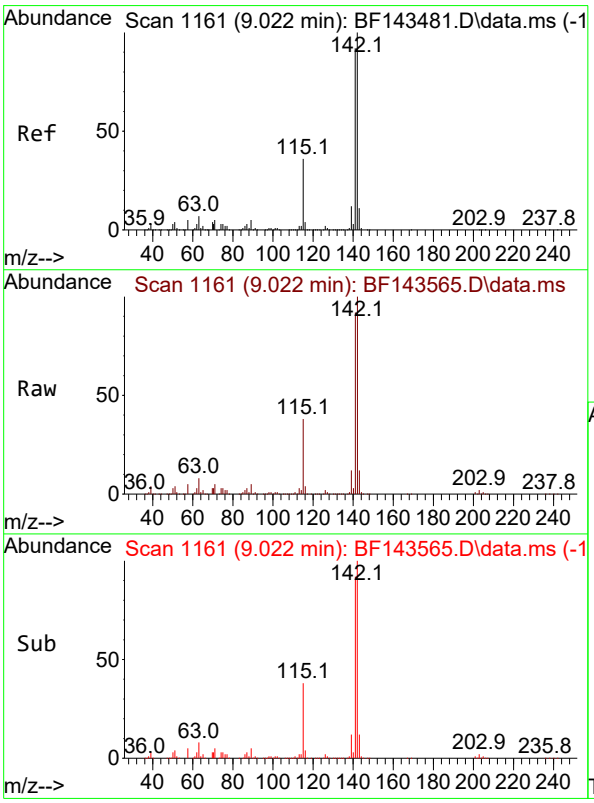
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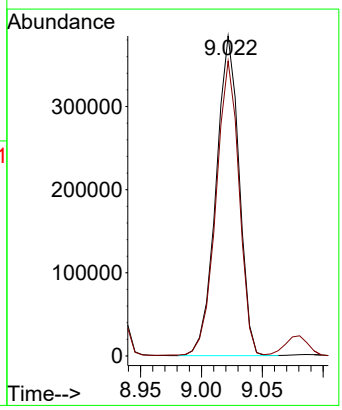
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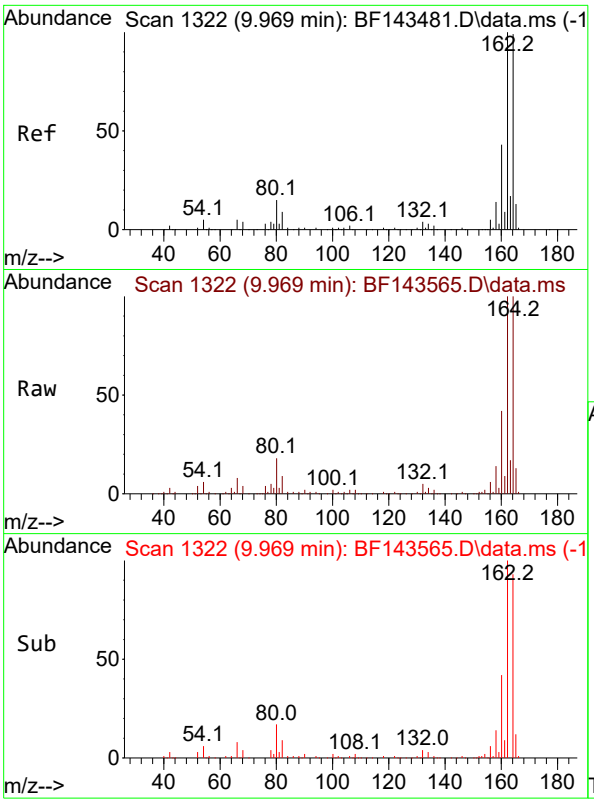


#38
1-Methylnaphthalene
Concen: 42.389 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:142 Resp: 506880

Ion	Ratio	Lower	Upper
142	100		
141	92.2	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: BF143565.D
Acq: 22 Aug 2025 11:27

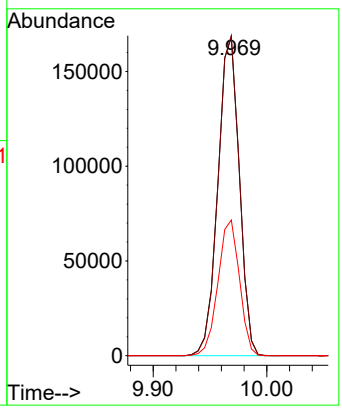
Tgt Ion:164 Resp: 22037

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.5	120.7
160	42.6	34.3	51.5

Instrument :
BNA_F
ClientSampleId :
PB169330BS

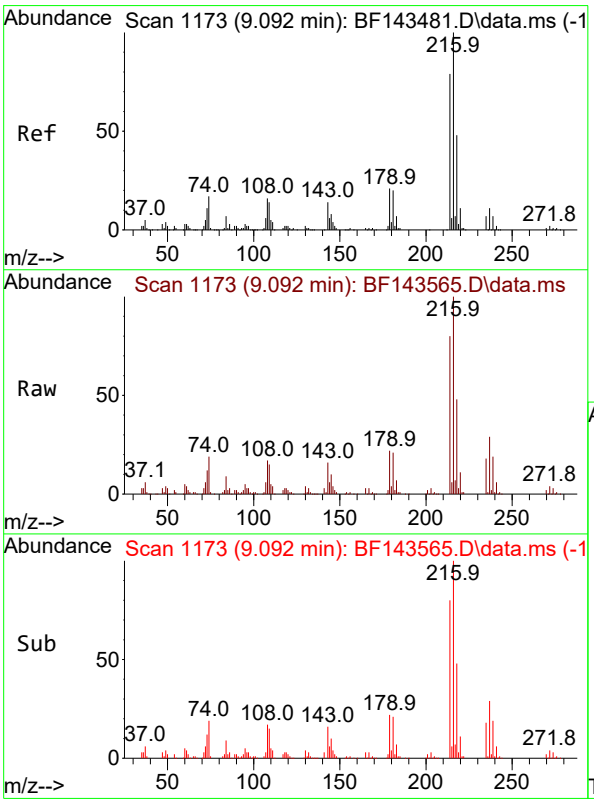
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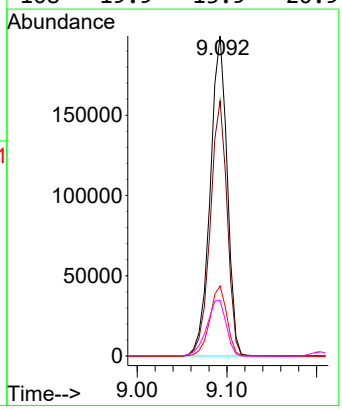
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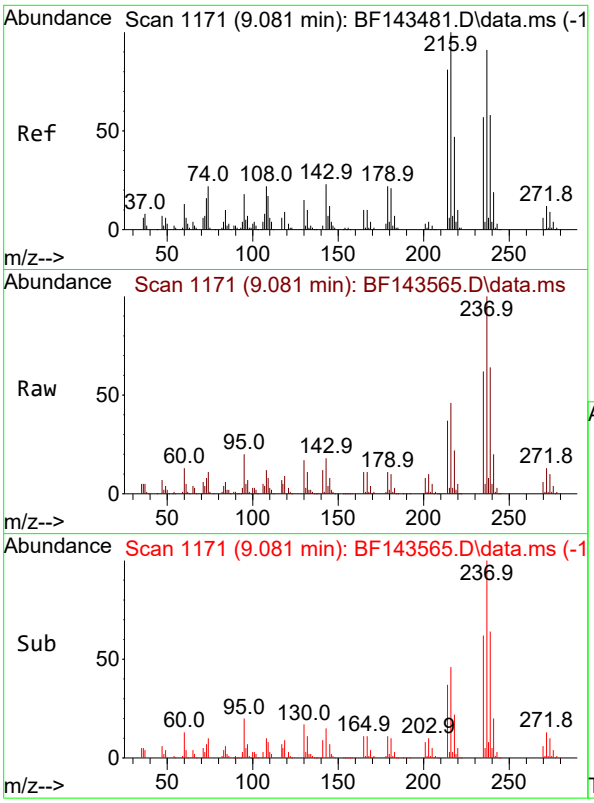


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.466 ng
RT: 9.092 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:216 Resp: 261384

Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.0
179	22.0	16.5	24.7
108	19.9	13.9	20.9





#41
Hexachlorocyclopentadiene
Concen: 105.766 ng
RT: 9.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

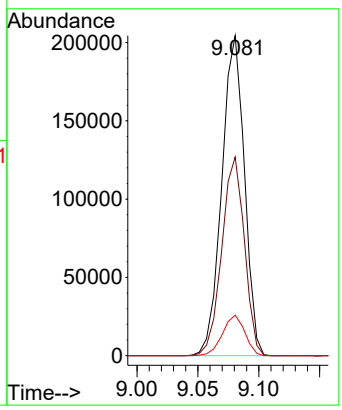
Instrument :
BNA_F
ClientSampleId :
PB169330BS

Tgt Ion:237 Resp: 26457

Ion	Ratio	Lower	Upper
237	100		
235	62.1	42.6	82.6
272	12.6	0.0	33.4

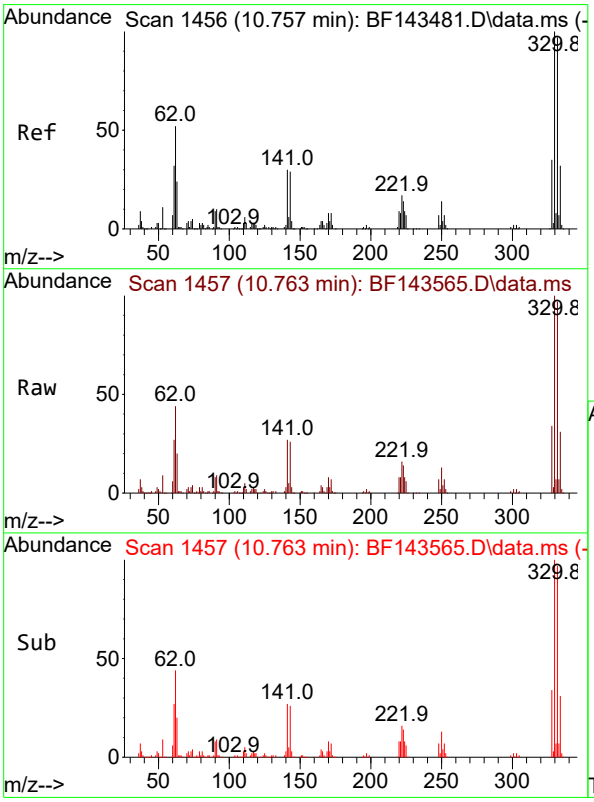
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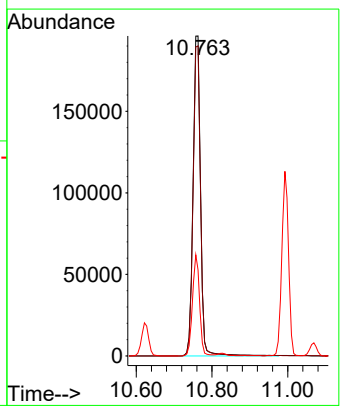
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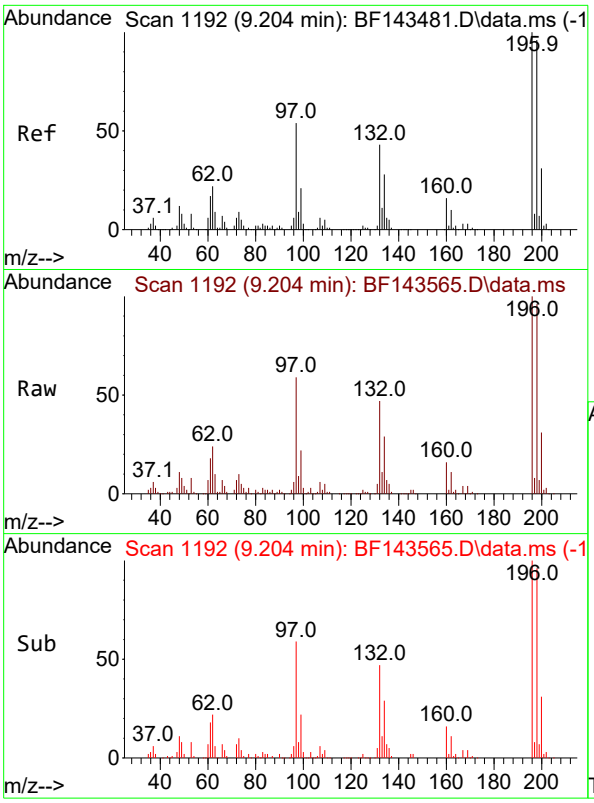


#42
2,4,6-Tribromophenol
Concen: 132.258 ng
RT: 10.763 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:330 Resp: 271309

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.0	117.0
141	29.9	23.7	35.5

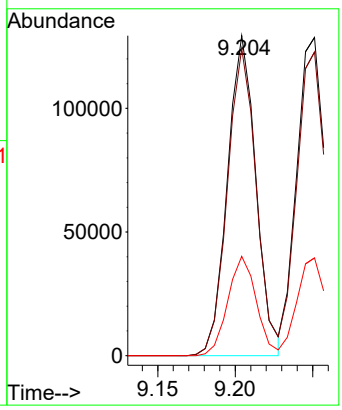




#43
2,4,6-Trichlorophenol
Concen: 42.791 ng
RT: 9.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:196 Resp: 16597

Ion	Ratio	Lower	Upper
196	100		
198	96.0	77.0	115.4
200	31.0	24.6	37.0



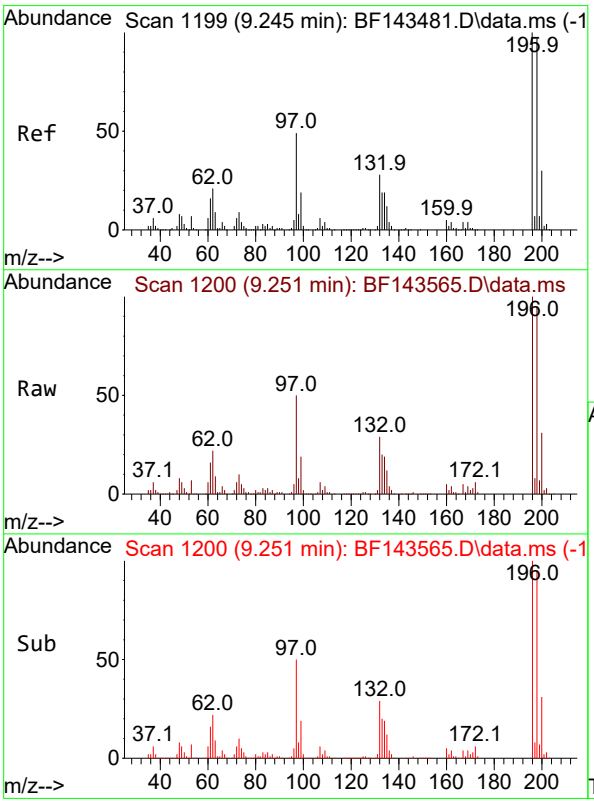
Instrument :
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ClientSampleId :
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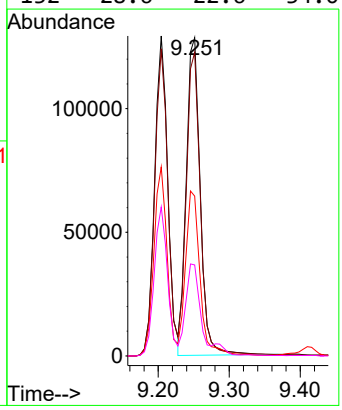
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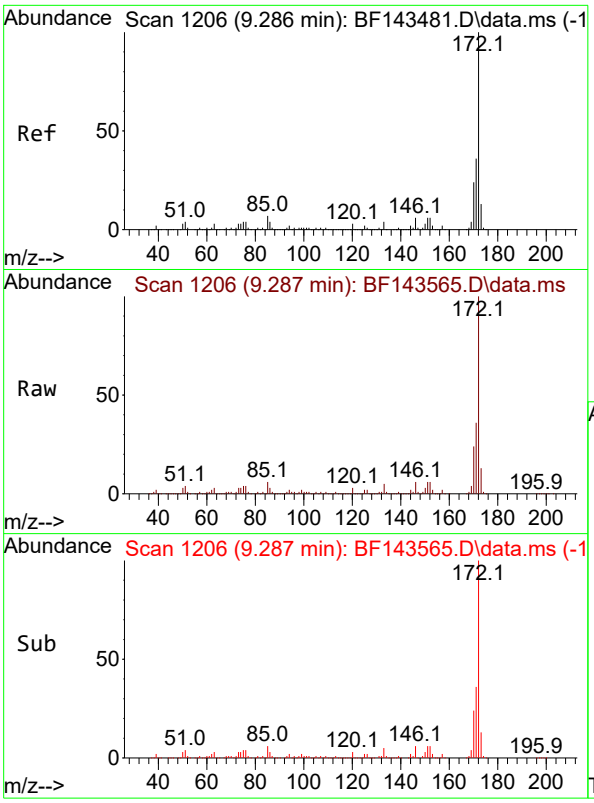


#44
2,4,5-Trichlorophenol
Concen: 41.539 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:196 Resp: 175994

Ion	Ratio	Lower	Upper
196	100		
198	95.4	77.3	115.9
97	50.2	40.0	60.0
132	28.6	22.6	34.0

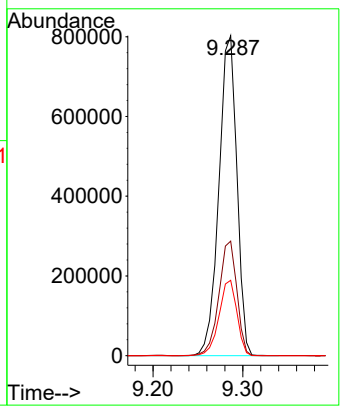




#45
2-Fluorobiphenyl
Concen: 83.749 ng
RT: 9.287 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:172 Resp: 111674

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	23.6	18.8	28.2



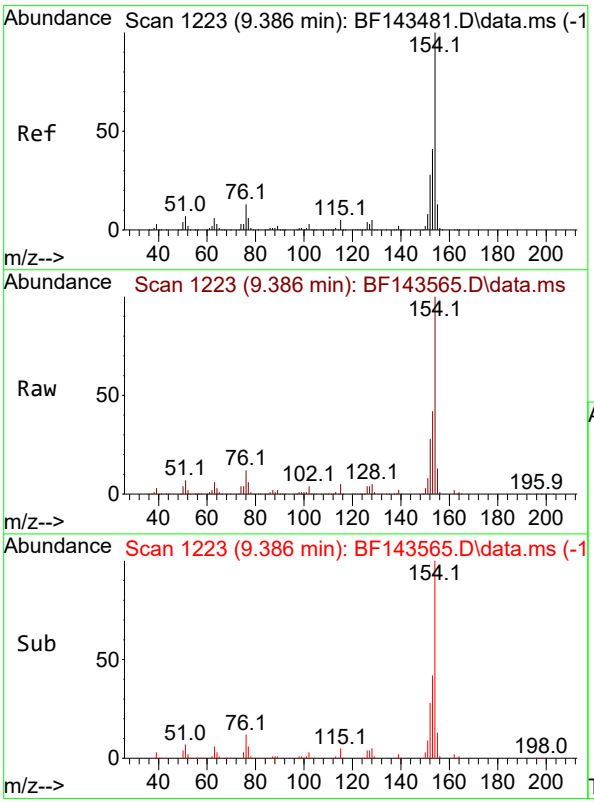
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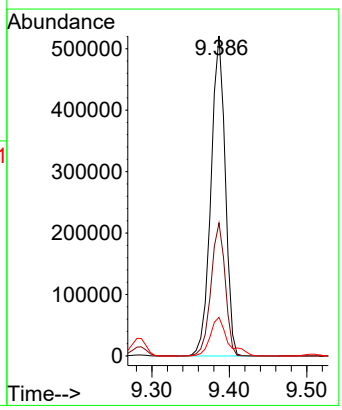
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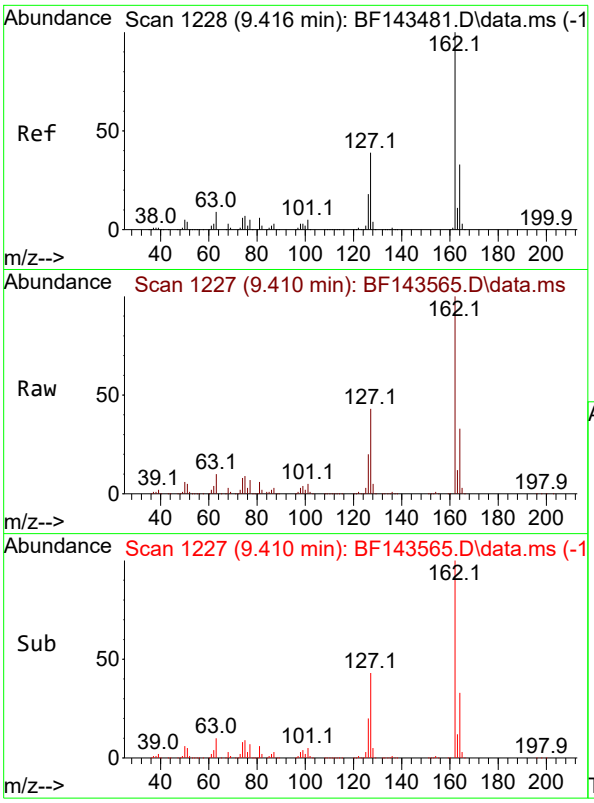


#46
1,1'-Biphenyl
Concen: 42.820 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:154 Resp: 669776

Ion	Ratio	Lower	Upper
154	100		
153	41.6	20.6	60.6
76	12.1	0.0	33.0

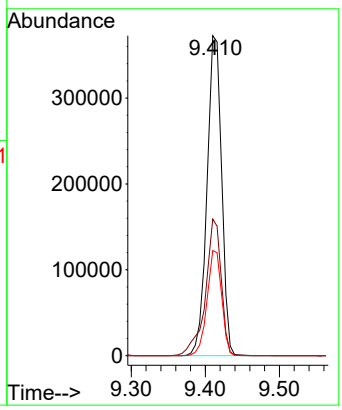




#47
2-Chloronaphthalene
Concen: 41.601 ng
RT: 9.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:162 Resp: 51056

Ion	Ratio	Lower	Upper
162	100		
127	42.7	31.8	47.6
164	32.8	26.4	39.6



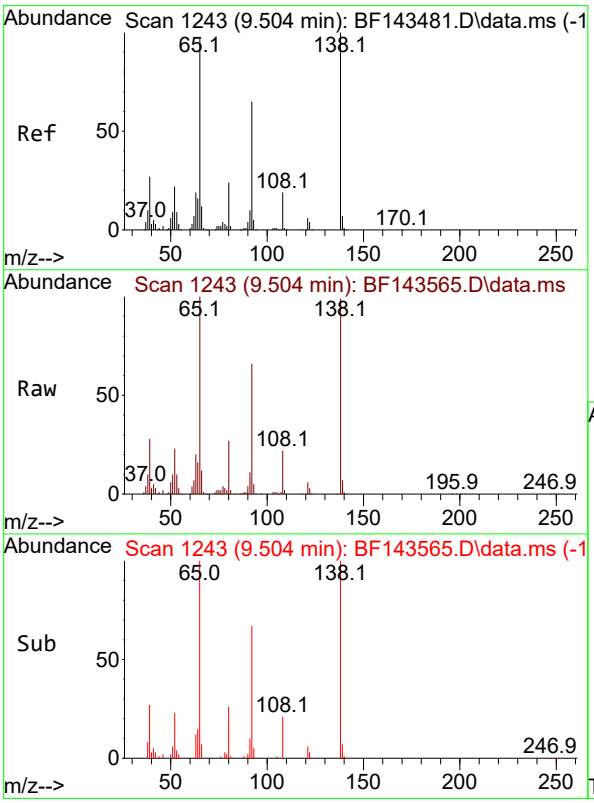
Instrument :
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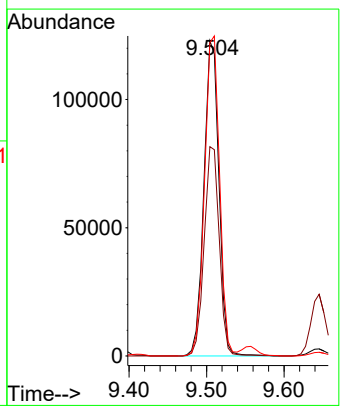
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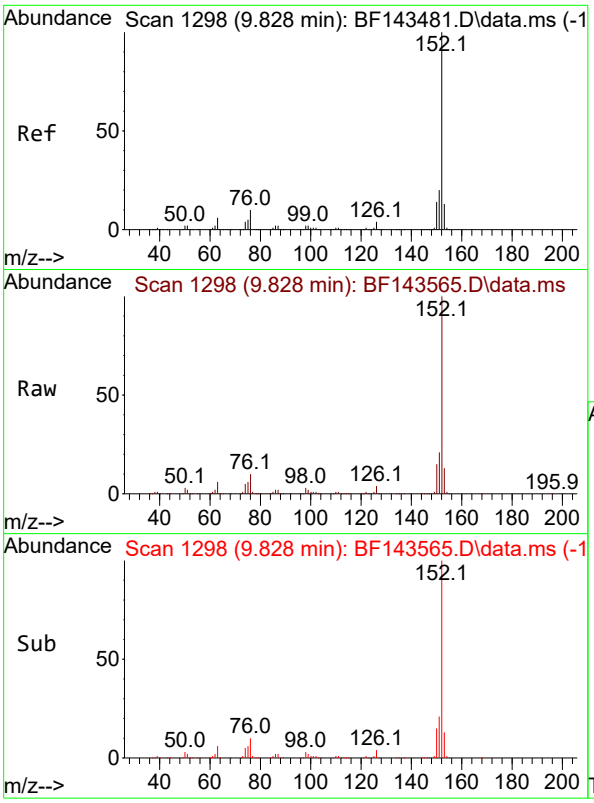


#48
2-Nitroaniline
Concen: 45.924 ng
RT: 9.504 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion: 65 Resp: 164949

Ion	Ratio	Lower	Upper
65	100		
92	66.4	53.8	80.6
138	99.4	82.4	123.6

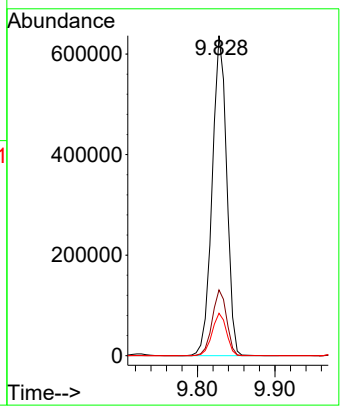




#49
Acenaphthylene
Concen: 47.102 ng
RT: 9.828 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:152 Resp: 82772

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4
153	13.2	10.6	15.8



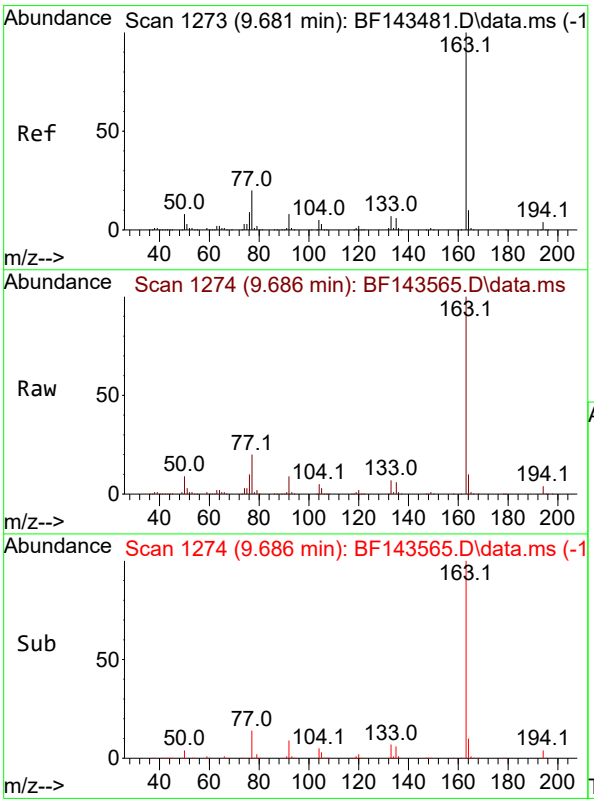
Instrument :
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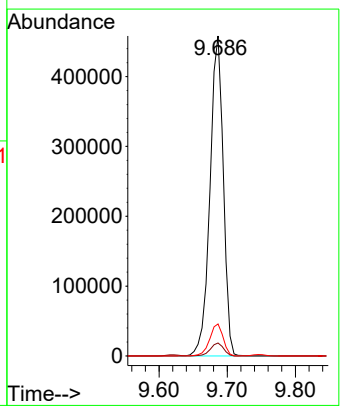
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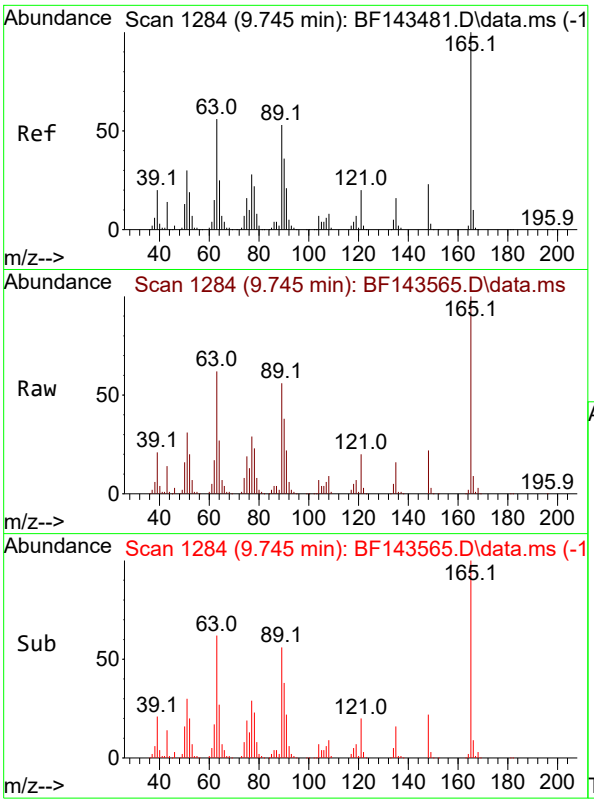


#50
Dimethylphthalate
Concen: 47.038 ng
RT: 9.686 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:163 Resp: 624314

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.0	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 49.008 ng
RT: 9.745 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

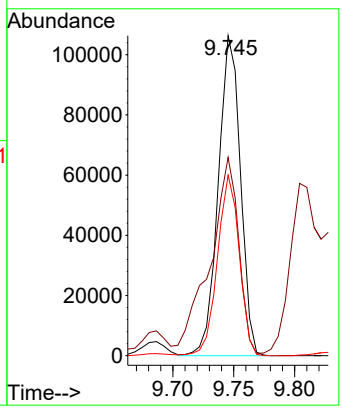
Tgt Ion:165 Resp: 13481

Ion	Ratio	Lower	Upper
165	100		
63	61.9	45.0	67.6
89	56.4	42.5	63.7

Instrument :
BNA_F
ClientSampleId :
PB169330BS

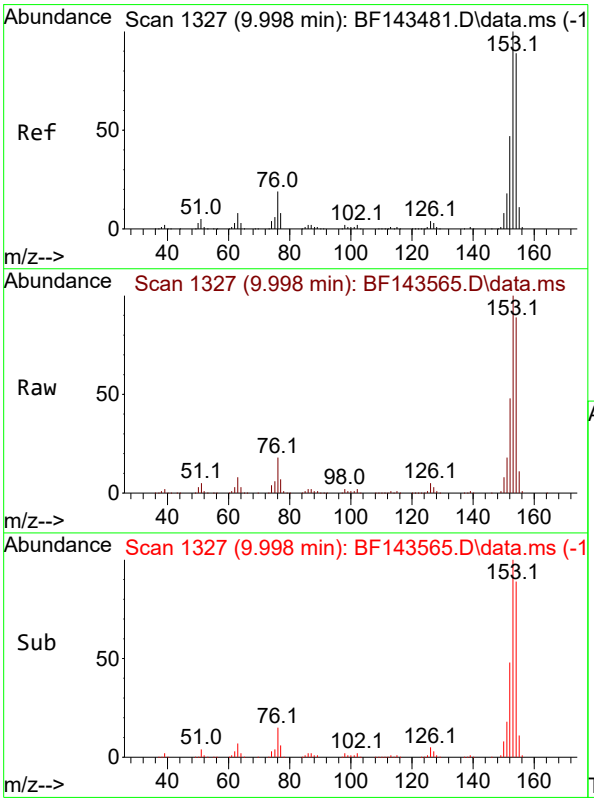
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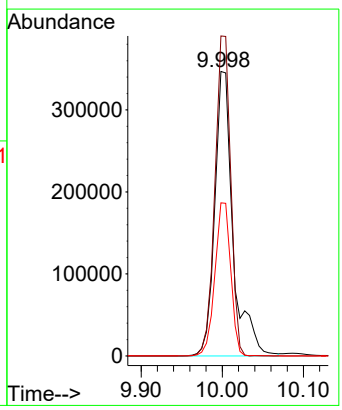
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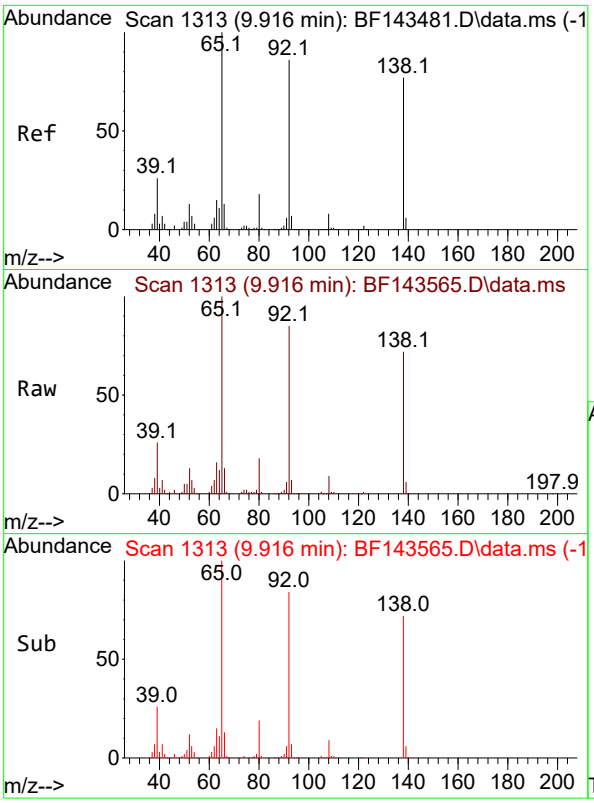


#52
Acenaphthene
Concen: 45.617 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:154 Resp: 544272

Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.5	134.3
152	53.8	42.5	63.7





#53
3-Nitroaniline
Concen: 30.801 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

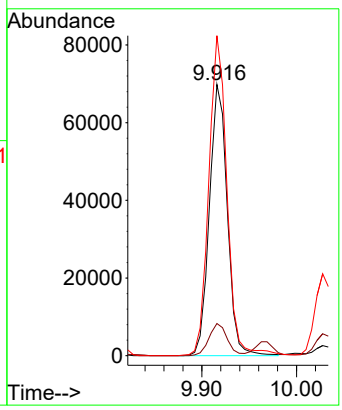
Tgt Ion:138 Resp: 9155

Ion	Ratio	Lower	Upper
138	100		
108	11.9	8.6	13.0
92	118.0	89.8	134.8

Instrument :
BNA_F
ClientSampleId :
PB169330BS

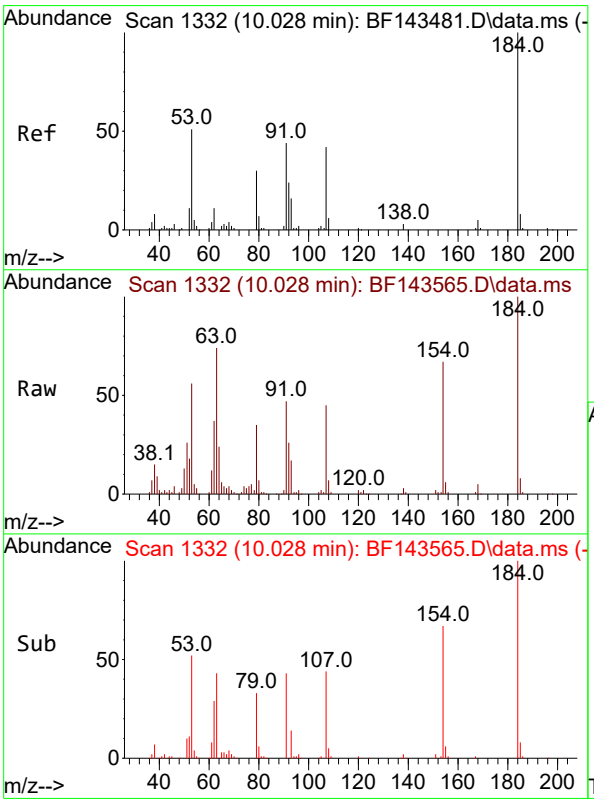
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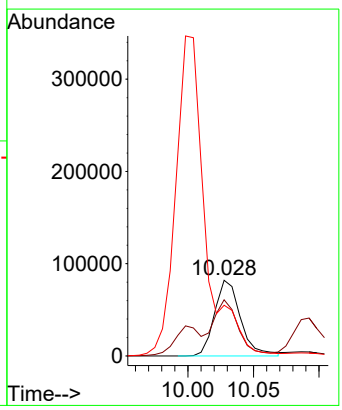
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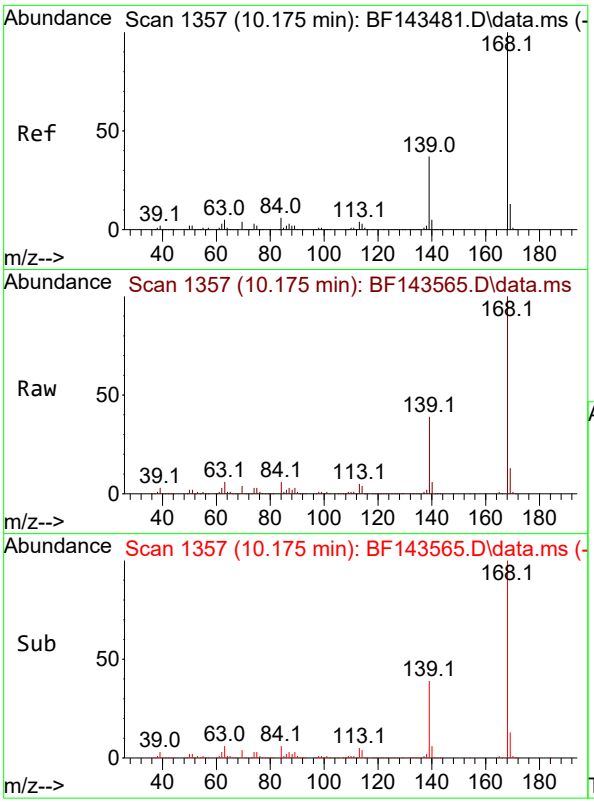


#54
2,4-Dinitrophenol
Concen: 77.240 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:184 Resp: 113338

Ion	Ratio	Lower	Upper
184	100		
63	74.1	52.6	78.8
154	67.1	51.0	76.4

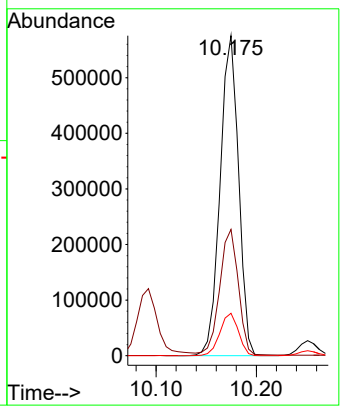




#55
Dibenzofuran
Concen: 43.206 ng
RT: 10.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:168 Resp: 73496

Ion	Ratio	Lower	Upper
168	100		
139	39.4	29.8	44.6
169	13.2	10.8	16.2



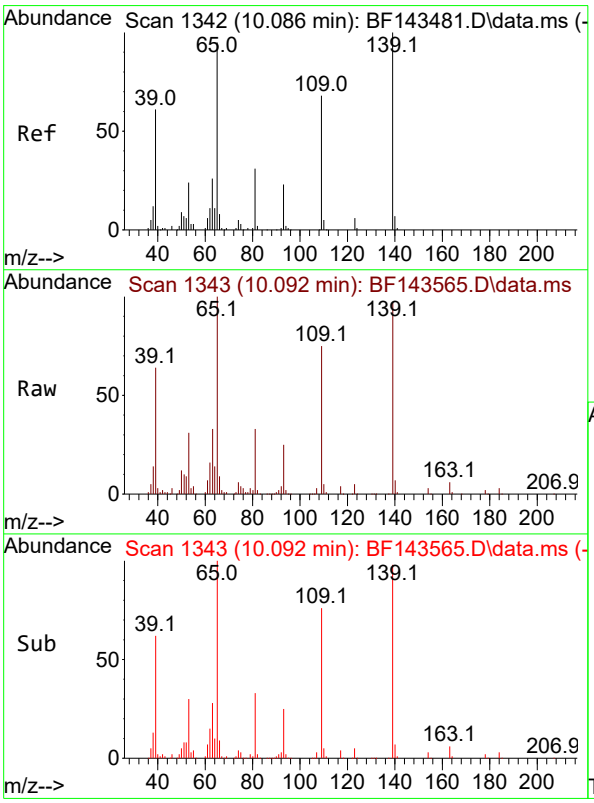
Instrument :
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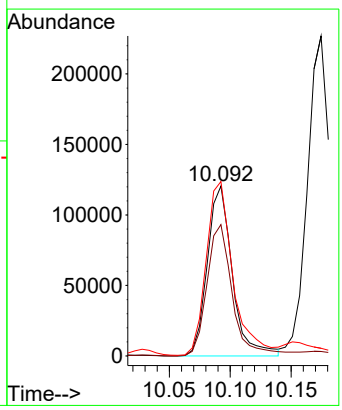
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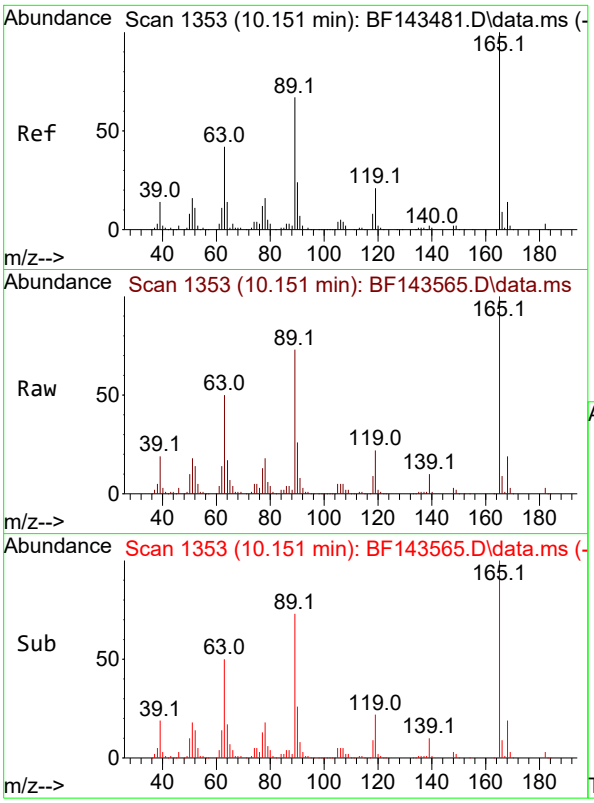


#56
4-Nitrophenol
Concen: 97.629 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:139 Resp: 172666

Ion	Ratio	Lower	Upper
139	100		
109	77.3	48.2	88.2
65	102.6	75.8	115.8

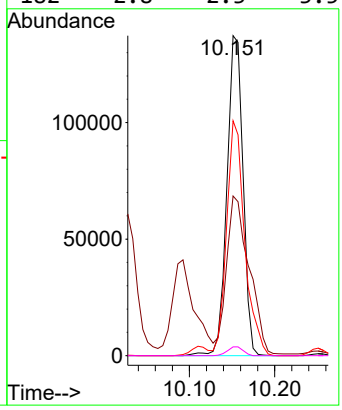




#57
2,4-Dinitrotoluene
Concen: 49.032 ng
RT: 10.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:165 Resp: 18009

Ion	Ratio	Lower	Upper
165	100		
63	49.9	34.9	52.3
89	73.4	53.3	79.9
182	2.8	2.3	3.5



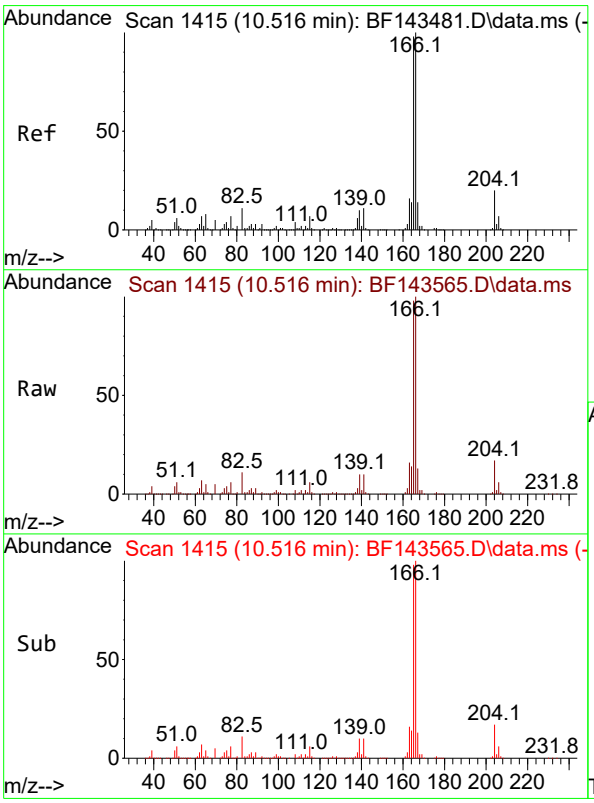
Instrument :
BNA_F
ClientSampleId :
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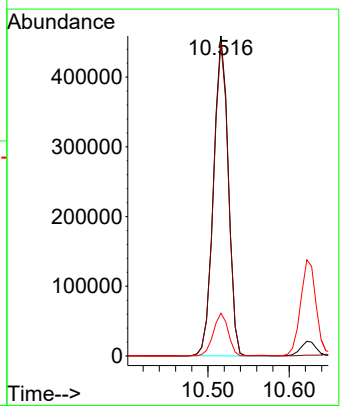
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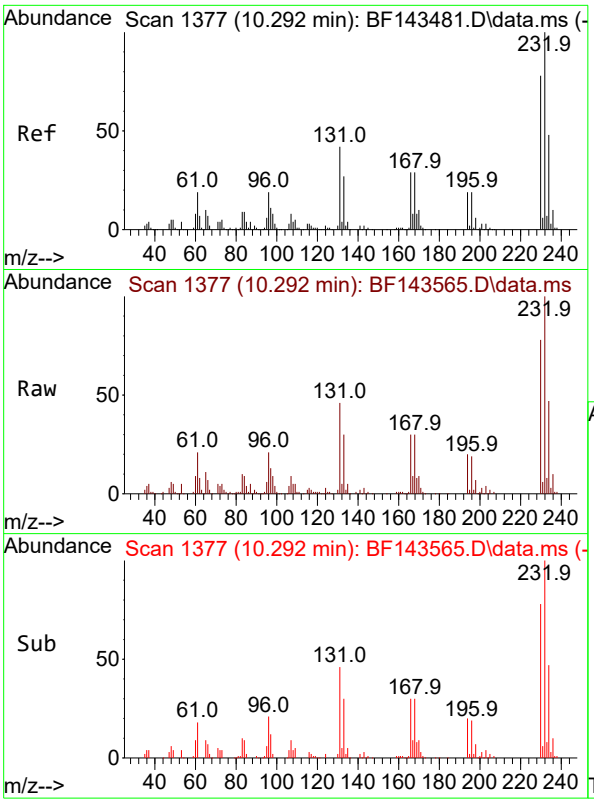


#58
Fluorene
Concen: 44.230 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:166 Resp: 579075

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.3	117.5
167	13.3	11.0	16.4

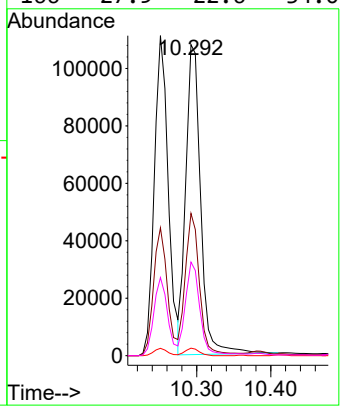




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.035 ng
RT: 10.292 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:232 Resp: 151199

Ion	Ratio	Lower	Upper
232	100		
131	43.4	32.7	49.1
130	2.3	1.6	2.4
166	27.9	22.6	34.0



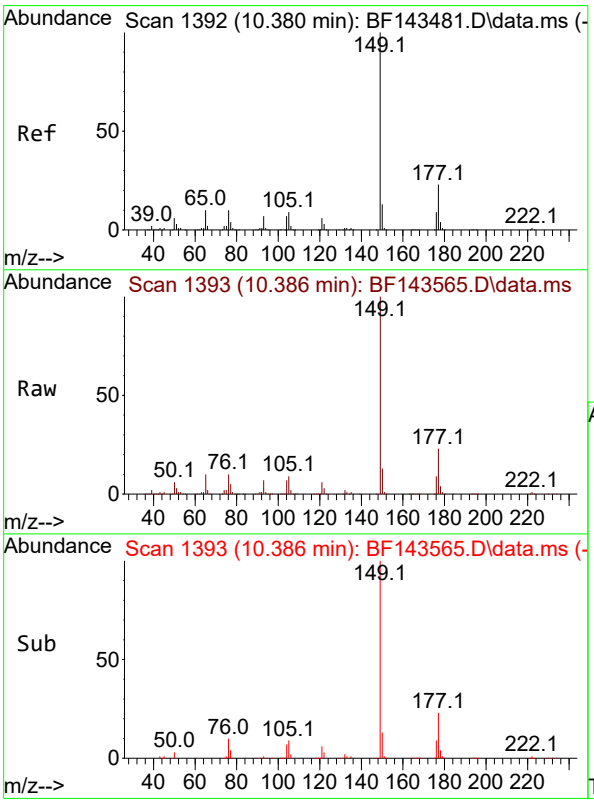
Instrument :
BNA_F
ClientSampleId :
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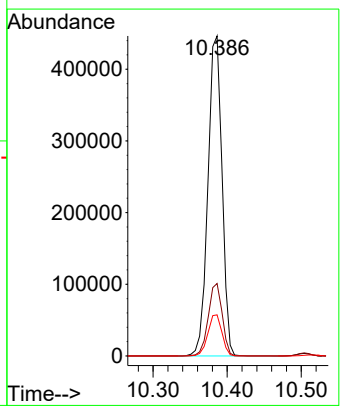
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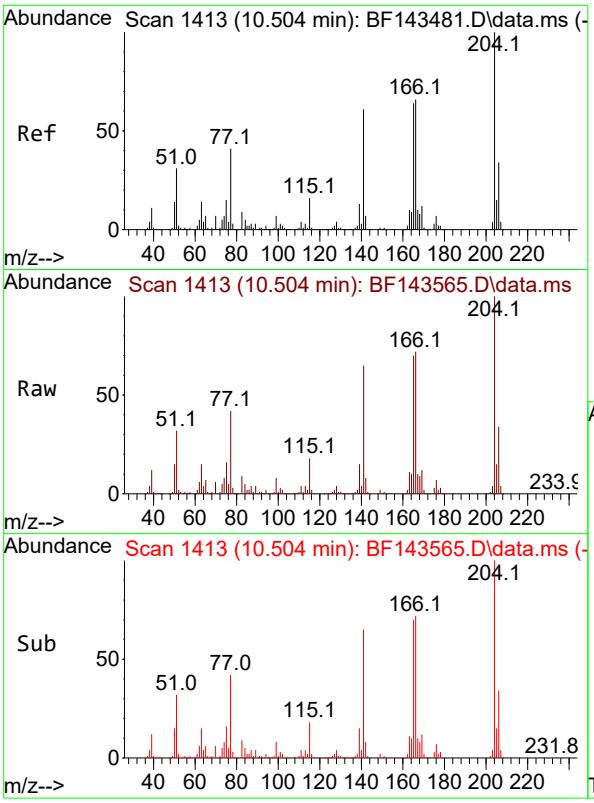


#60
Diethylphthalate
Concen: 49.505 ng
RT: 10.386 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:149 Resp: 589094

Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.3	27.5
150	12.8	10.3	15.5





#61
4-Chlorophenyl-phenylether
Concen: 43.178 ng
RT: 10.504 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

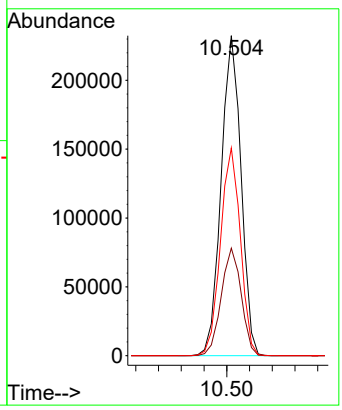
Instrument :
BNA_F
ClientSampleId :
PB169330BS

Tgt Ion:204 Resp: 28271

Ion	Ratio	Lower	Upper
204	100		
206	33.6	27.0	40.4
141	64.9	48.7	73.1

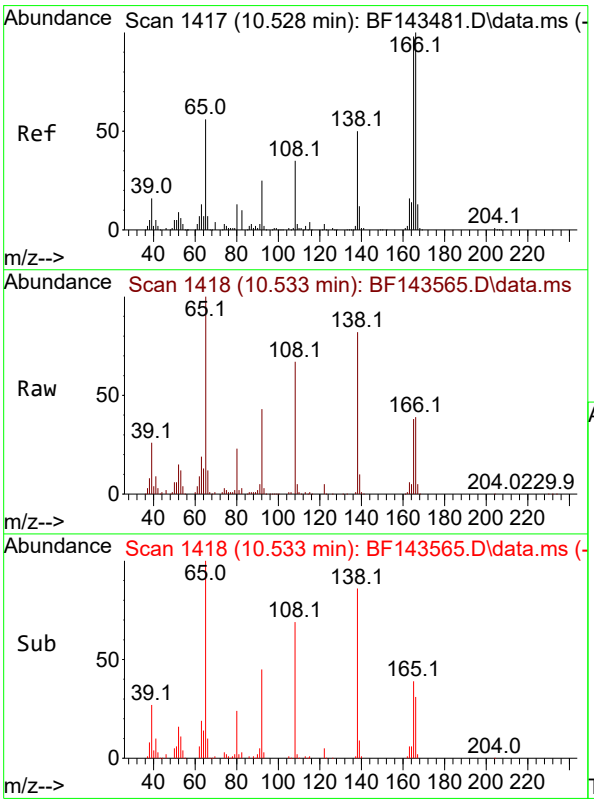
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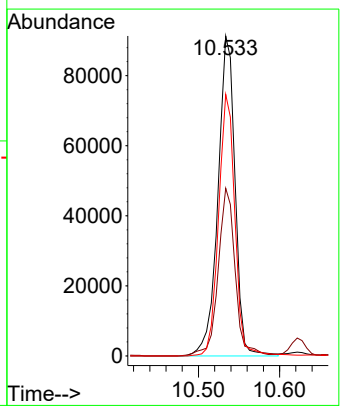
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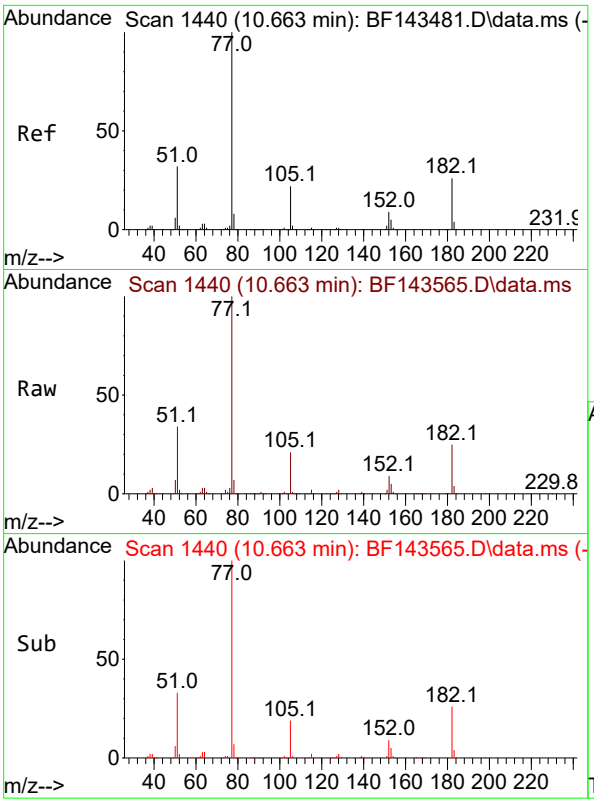


#62
4-Nitroaniline
Concen: 49.251 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:138 Resp: 134467

Ion	Ratio	Lower	Upper
138	100		
92	52.4	29.3	69.3
108	81.8	50.7	90.7





#63
Azobenzene
Concen: 46.270 ng
RT: 10.663 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

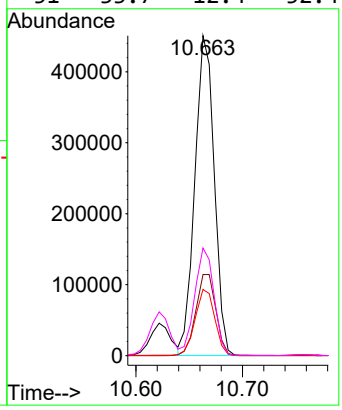
Instrument :
BNA_F
ClientSampleId :
PB169330BS

Tgt Ion: 77 Resp: 57091

Ion	Ratio	Lower	Upper
77	100		
182	25.3	6.2	46.2
105	20.7	2.2	42.2
51	33.7	12.4	52.4

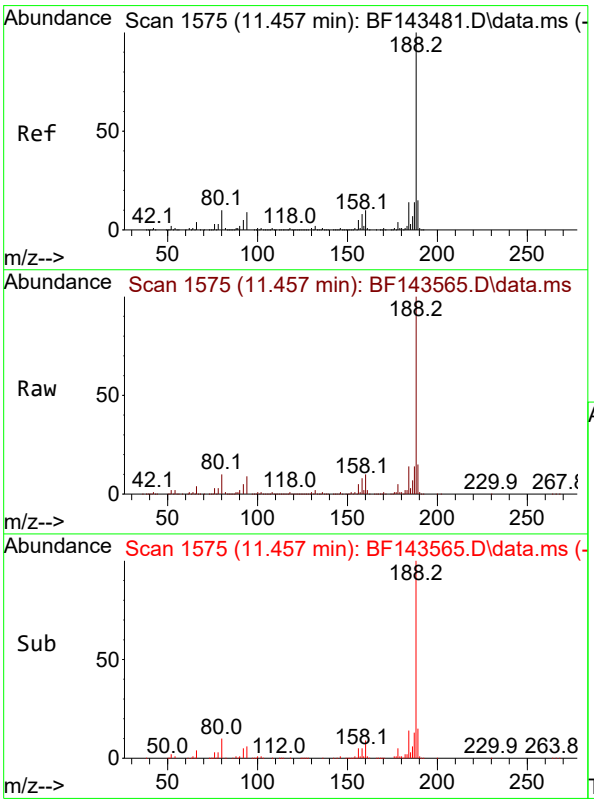
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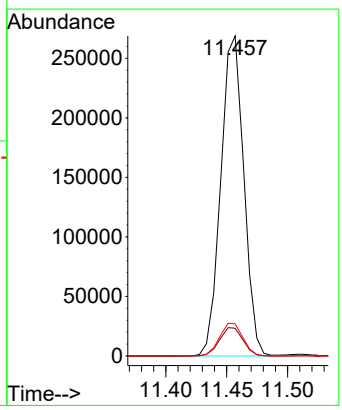
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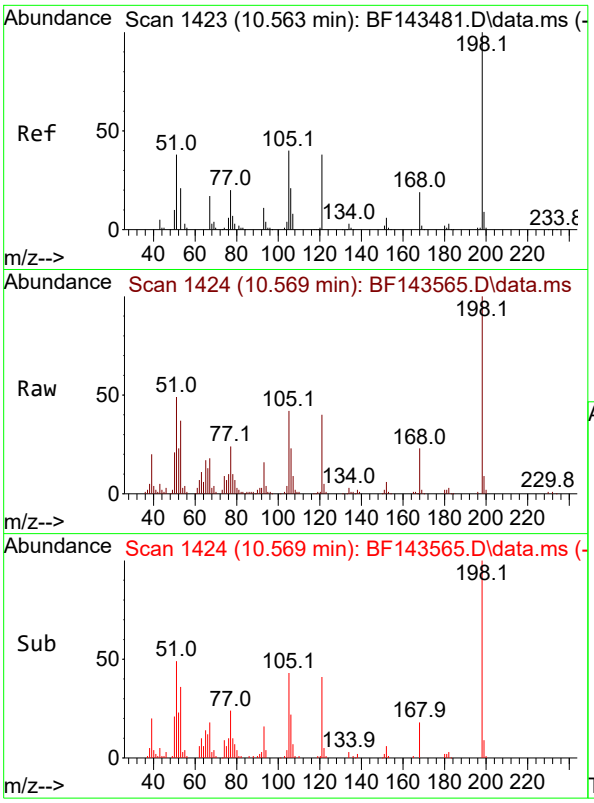


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:188 Resp: 354024

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.4	11.2
80	10.0	8.2	12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 45.169 ng
RT: 10.569 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

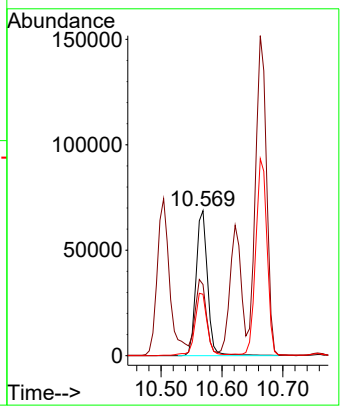
Tgt Ion:198 Resp: 9016

Ion	Ratio	Lower	Upper
198	100		
51	49.1	29.6	69.6
105	42.3	21.5	61.5

Instrument :
BNA_F
ClientSampleId :
PB169330BS

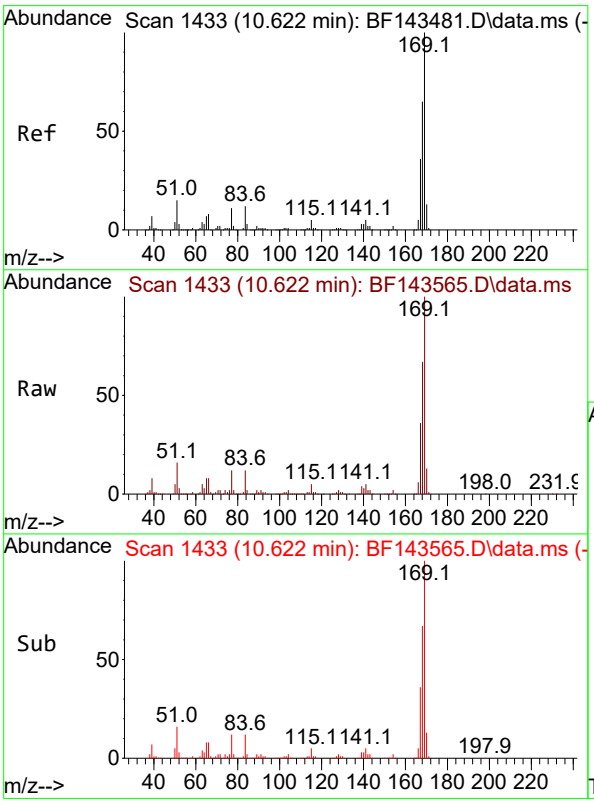
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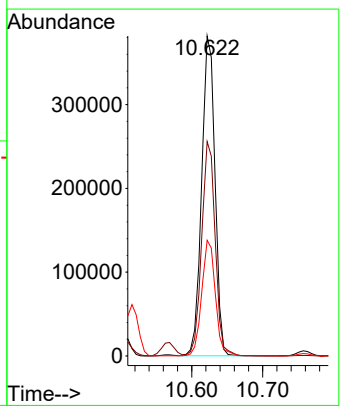
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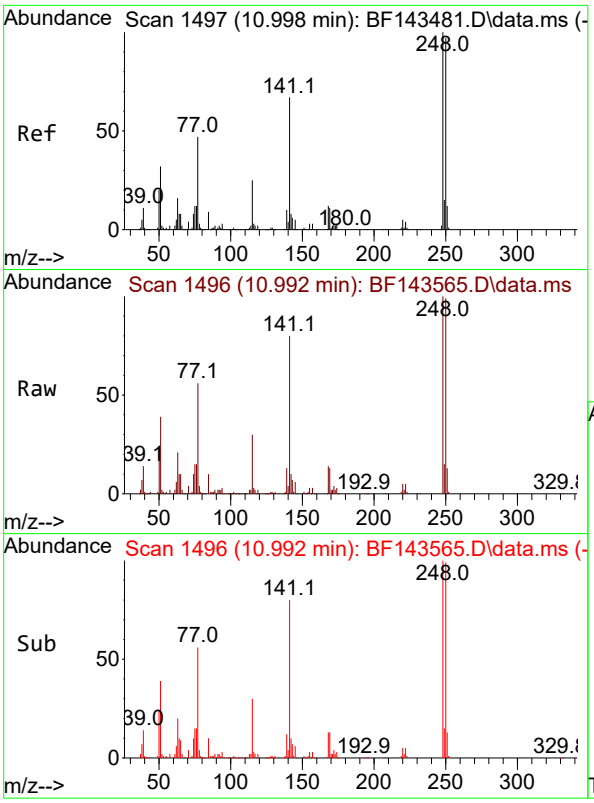


#66
n-Nitrosodiphenylamine
Concen: 43.698 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:169 Resp: 497854

Ion	Ratio	Lower	Upper
169	100		
168	67.0	52.4	78.6
167	36.1	28.9	43.3

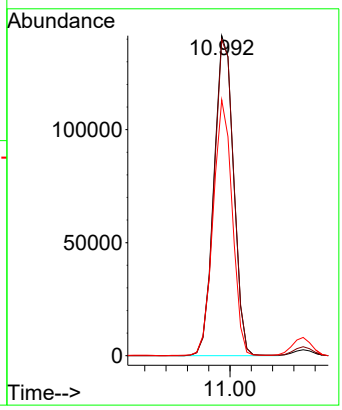




#67
4-Bromophenyl-phenylether
Concen: 42.751 ng
RT: 10.992 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:248 Resp: 18058

Ion	Ratio	Lower	Upper
248	100		
250	98.7	77.8	116.8
141	80.0	54.0	81.0



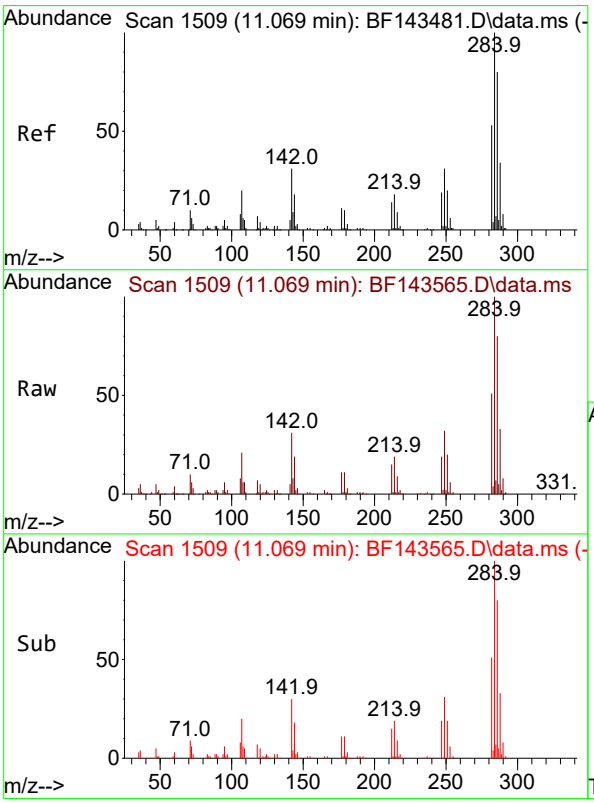
Instrument :
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ClientSampleId :
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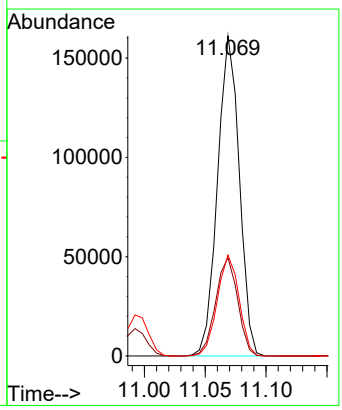
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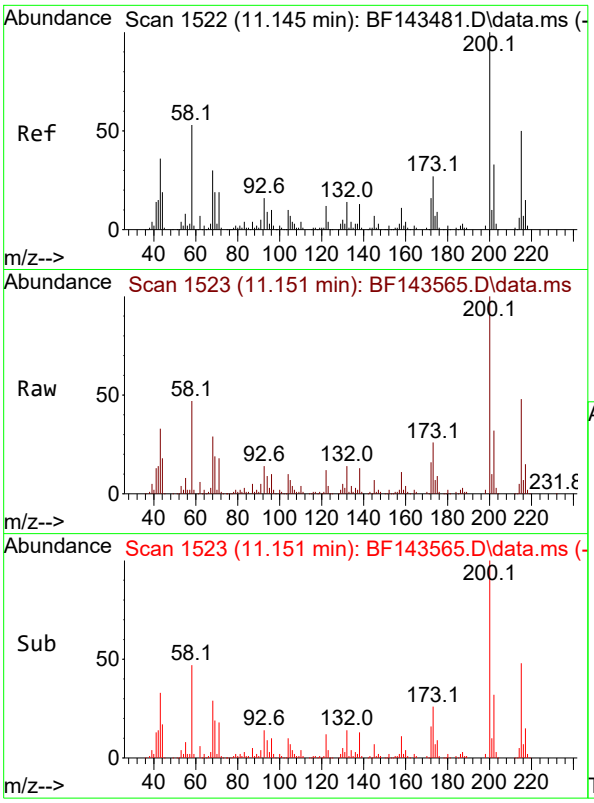


#68
Hexachlorobenzene
Concen: 44.025 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:284 Resp: 200456

Ion	Ratio	Lower	Upper
284	100		
142	30.7	24.4	36.6
249	31.5	25.0	37.6





#69
Atrazine
Concen: 56.064 ng
RT: 11.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

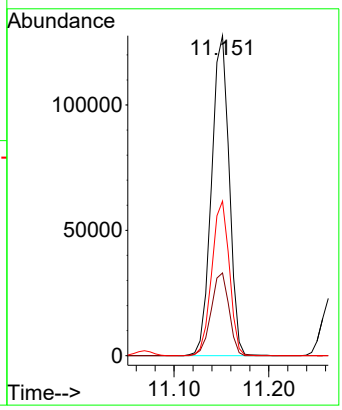
Instrument :
BNA_F
ClientSampleId :
PB169330BS

Tgt Ion:200 Resp: 16488

Ion	Ratio	Lower	Upper
200	100		
173	25.8	6.9	46.9
215	48.3	30.0	70.0

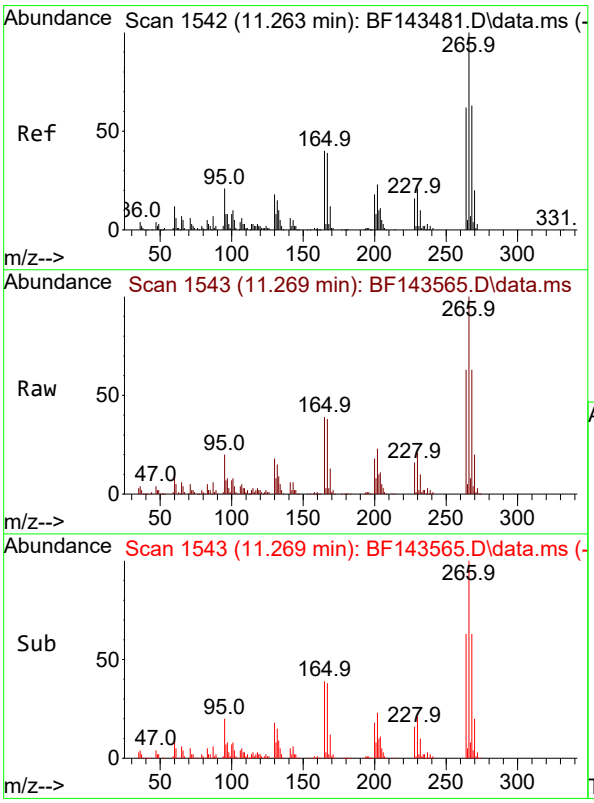
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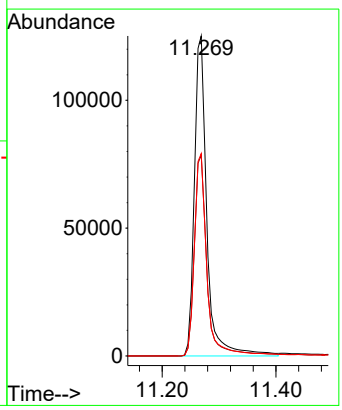
08/25/2025

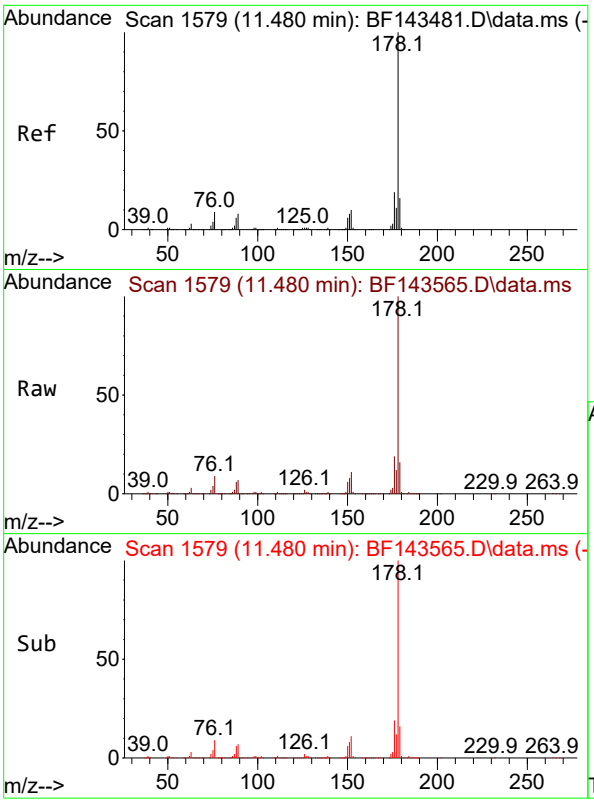


#70
Pentachlorophenol
Concen: 92.148 ng
RT: 11.269 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:266 Resp: 192156

Ion	Ratio	Lower	Upper
266	100		
268	62.8	50.5	75.7
264	63.2	49.8	74.8

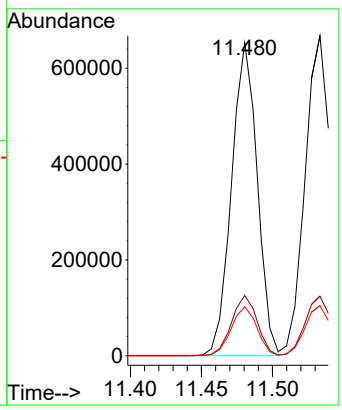




#71
Phenanthrene
Concen: 43.439 ng
RT: 11.480 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:178 Resp: 82353

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.7	12.5	18.7



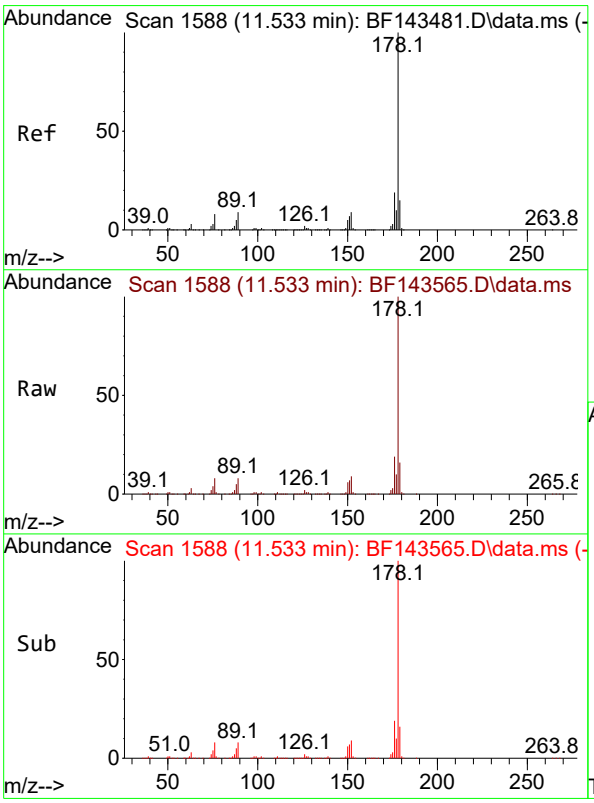
Instrument :
BNA_F
ClientSampleId :
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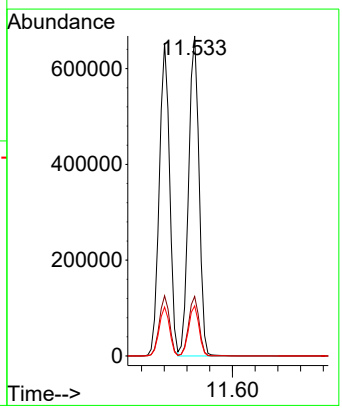
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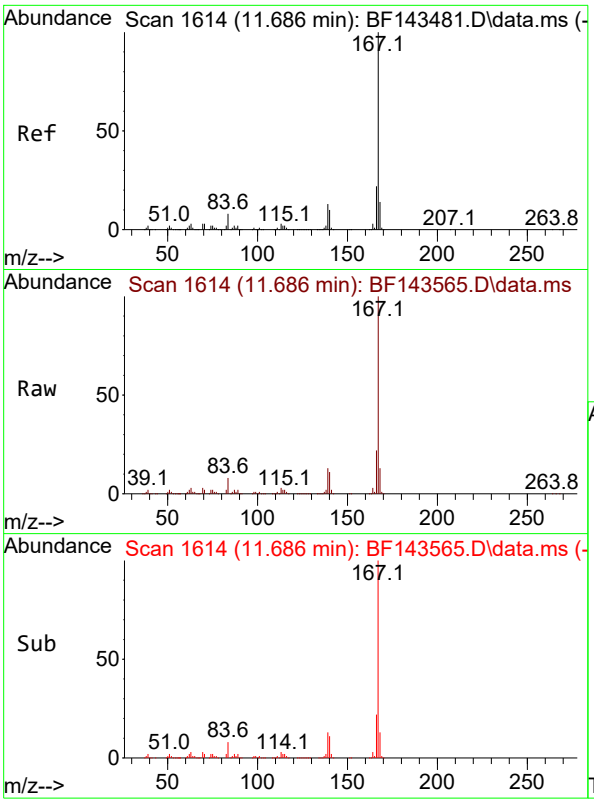


#72
Anthracene
Concen: 44.404 ng
RT: 11.533 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:178 Resp: 852816

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.6	12.3	18.5

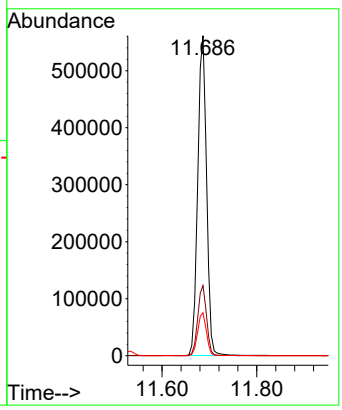




#73
Carbazole
Concen: 46.304 ng
RT: 11.686 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:167 Resp: 72869

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.3	25.9
139	13.4	10.0	15.0



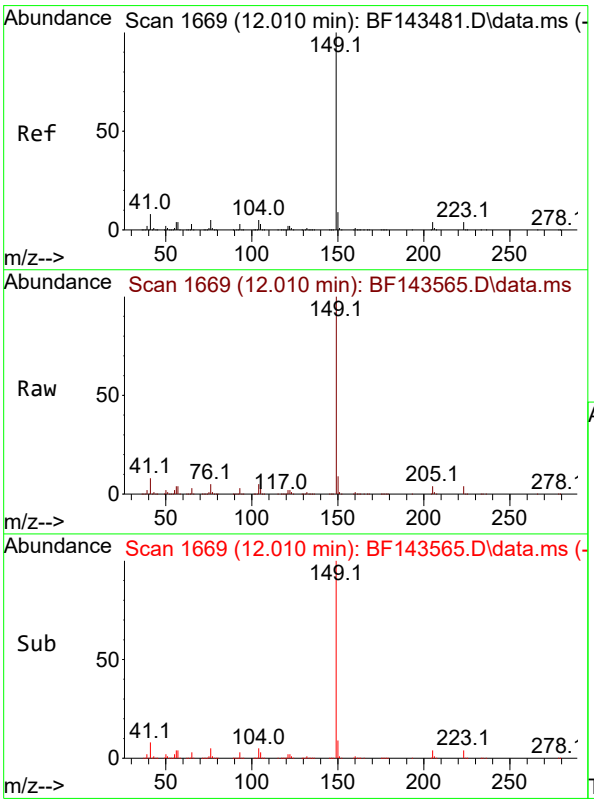
Instrument :
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ClientSampleId :
PB169330BS

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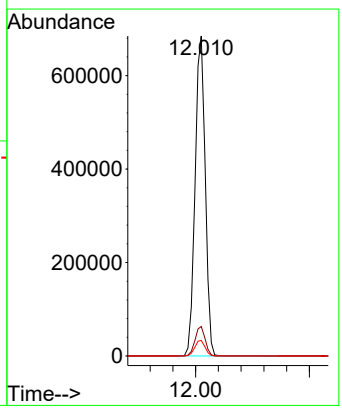
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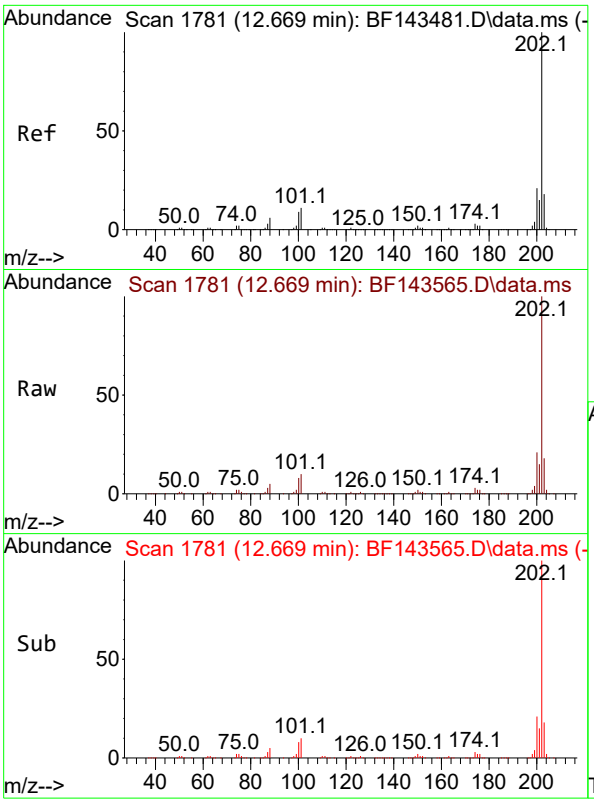


#74
Di-n-butylphthalate
Concen: 58.086 ng
RT: 12.010 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:149 Resp: 852762

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	4.9	3.6	5.4





#75
Fluoranthene
Concen: 47.208 ng
RT: 12.669 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

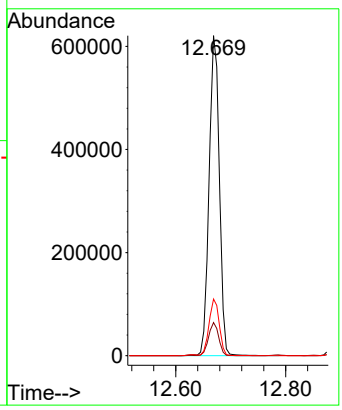
Tgt Ion:202 Resp: 80307

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.3
203	17.7	0.0	37.9

Instrument :
BNA_F
ClientSampleId :
PB169330BS

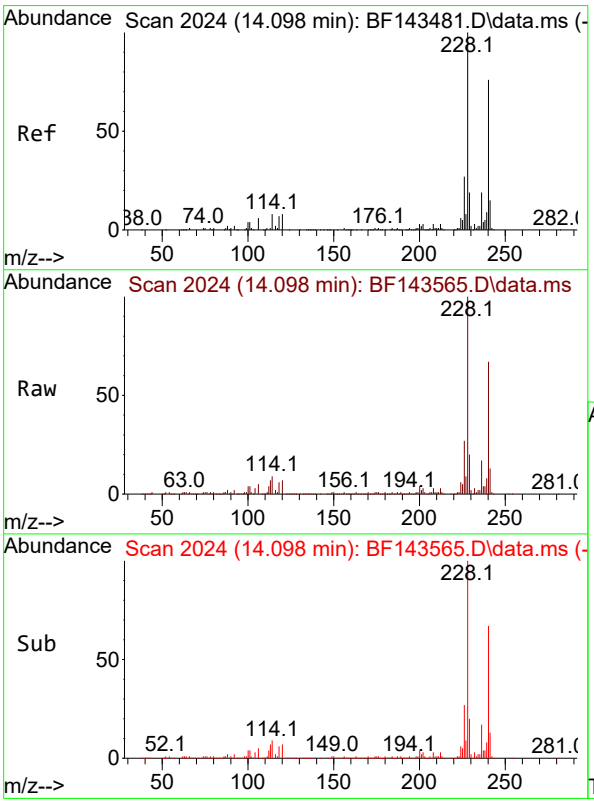
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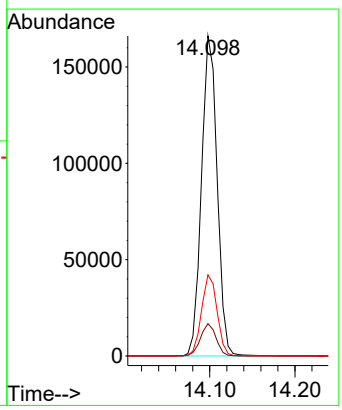
08/25/2025

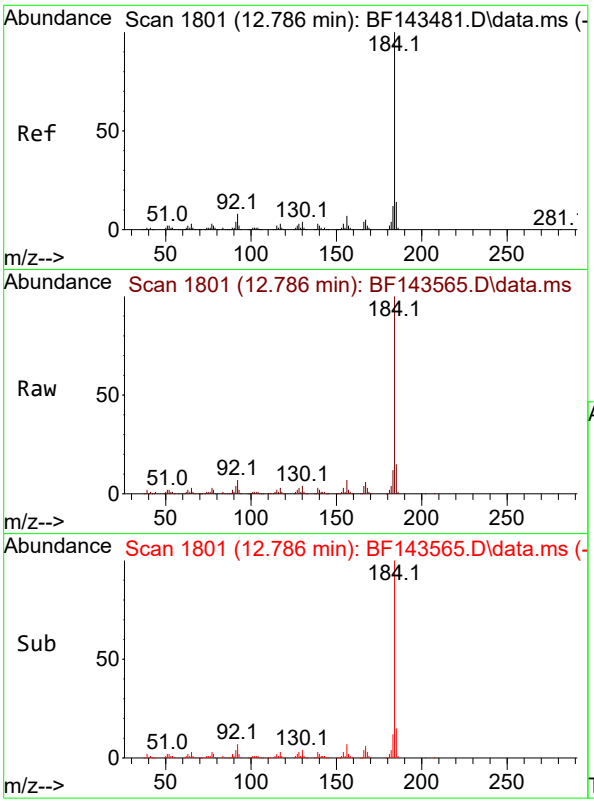


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:240 Resp: 211918

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.6	12.8
236	25.4	20.4	30.6

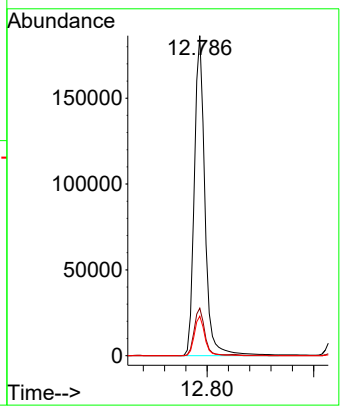




#77
Benzidine
Concen: 49.987 ng
RT: 12.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:184 Resp: 25803

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.3	16.9
183	12.4	9.5	14.3



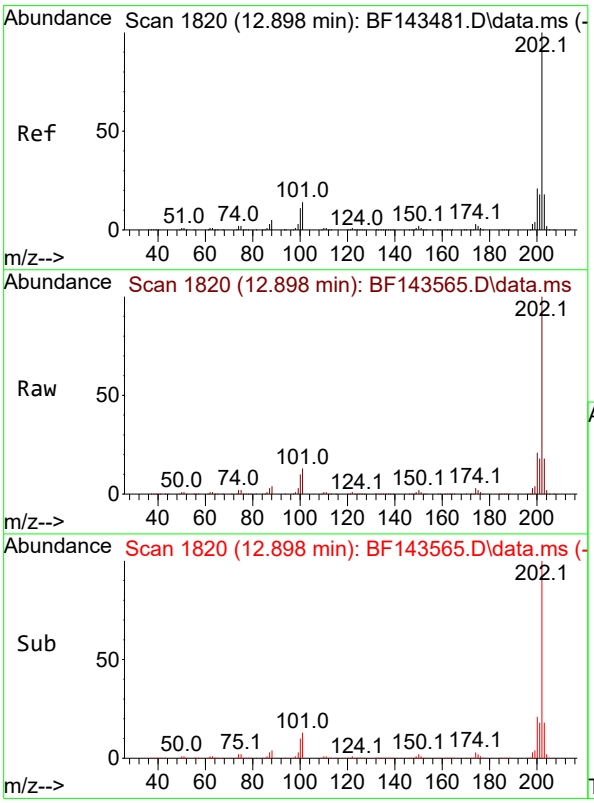
Instrument :
BNA_F
ClientSampleId :
PB169330BS

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08/25/2025
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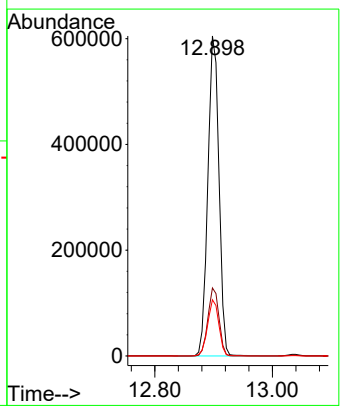
08/25/2025

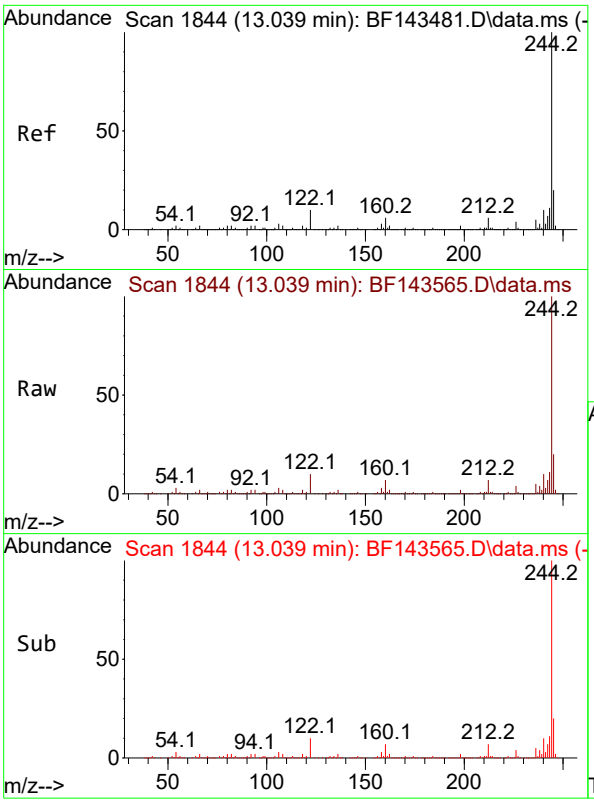


#78
Pyrene
Concen: 45.402 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:202 Resp: 791447

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	17.6	14.3	21.5





#79
Terphenyl-d14
Concen: 93.659 ng
RT: 13.039 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

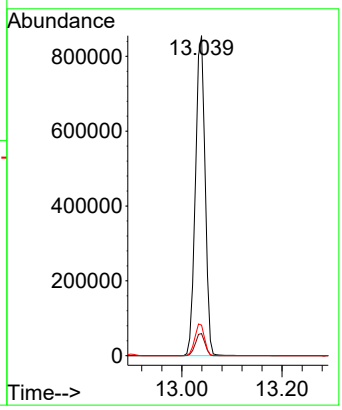
Instrument :
BNA_F
ClientSampleId :
PB169330BS

Tgt Ion:244 Resp: 113740

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.2	7.8
122	9.6	7.9	11.9

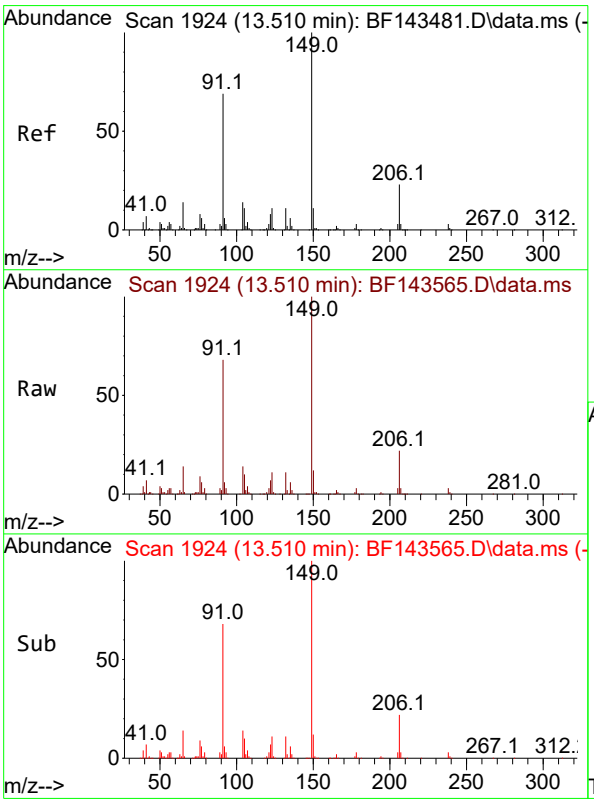
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



08/25/2025
Supervised By :Jagrut Upadhyay

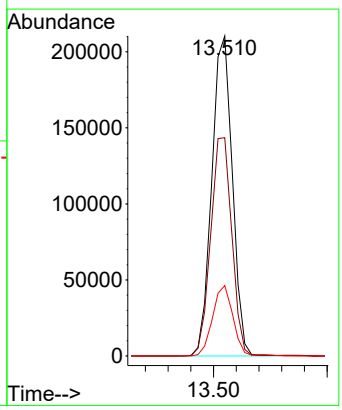
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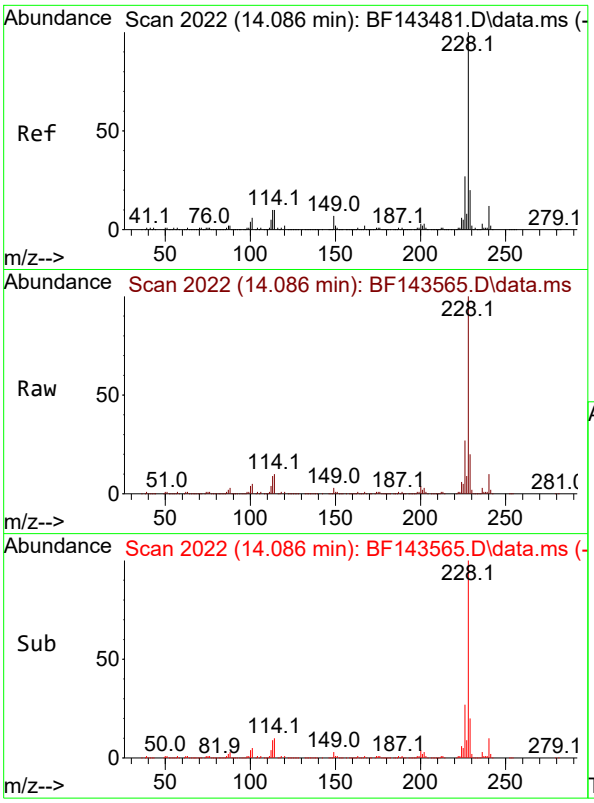


#80
Butylbenzylphthalate
Concen: 55.486 ng
RT: 13.510 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:149 Resp: 264231

Ion	Ratio	Lower	Upper
149	100		
91	68.2	55.3	82.9
206	22.0	18.2	27.4





#81
Benzo(a)anthracene
Concen: 45.930 ng
RT: 14.086 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

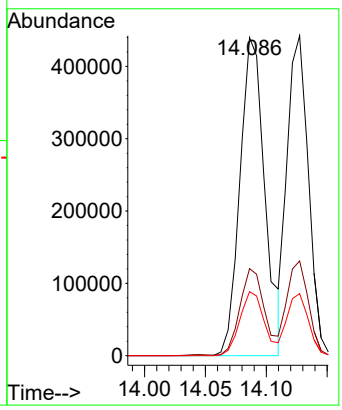
Tgt Ion:228 Resp: 62665(

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.7	32.5
229	20.1	15.7	23.5

Instrument :
BNA_F
ClientSampleId :
PB169330BS

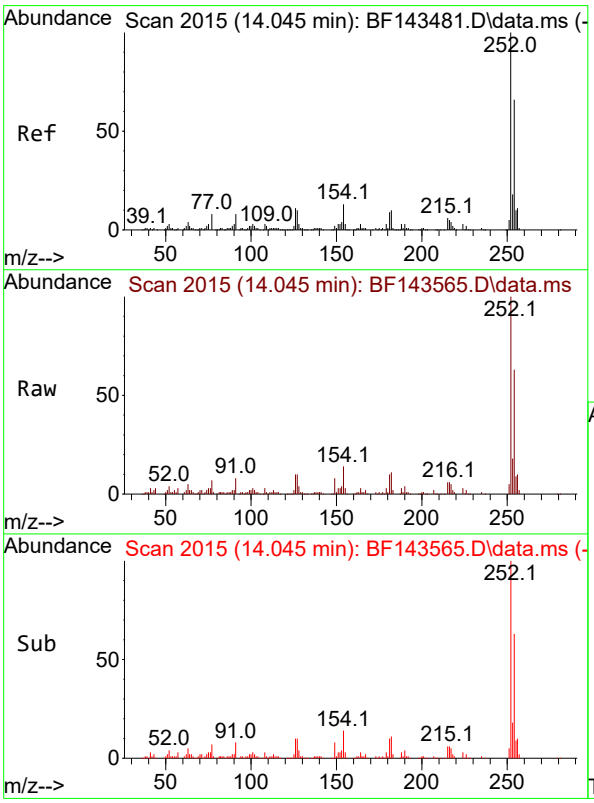
Manual Integrations
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Supervised By :Jagrut Upadhyay

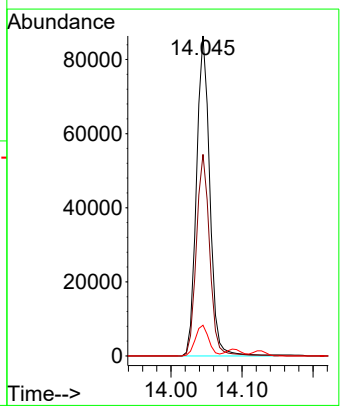
08/25/2025

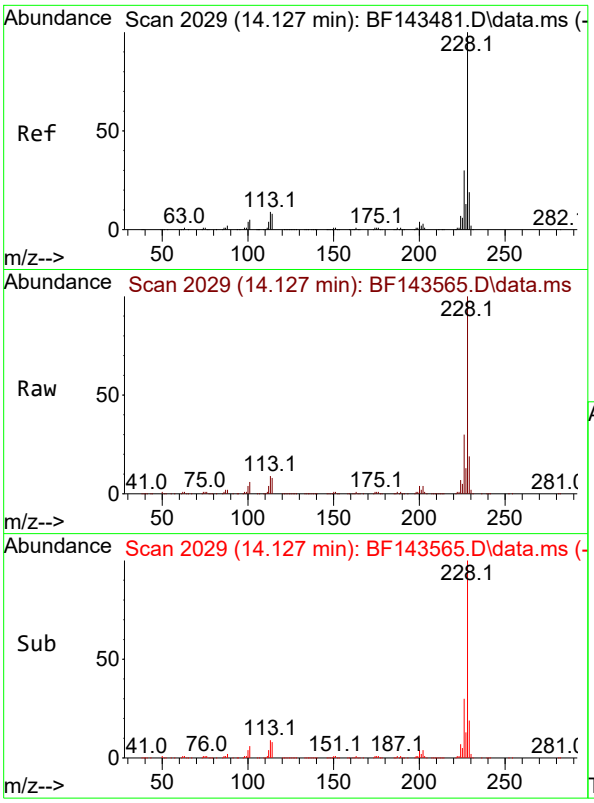


#82
3,3'-Dichlorobenzidine
Concen: 28.859 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:252 Resp: 112759

Ion	Ratio	Lower	Upper
252	100		
254	63.0	52.6	79.0
126	9.6	8.7	13.1

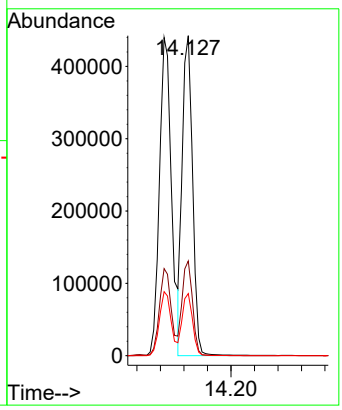




#83
Chrysene
Concen: 43.925 ng
RT: 14.127 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:228 Resp: 53855

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.7	35.5
229	19.4	15.7	23.5



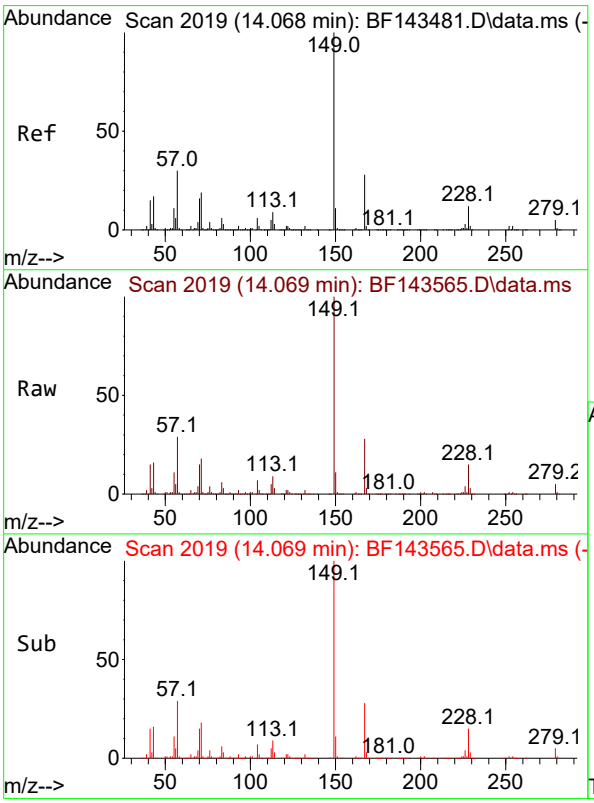
Instrument :
BNA_F
ClientSampleId :
PB169330BS

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Supervised By :Jagrut Upadhyay 08/25/2025

08/25/2025
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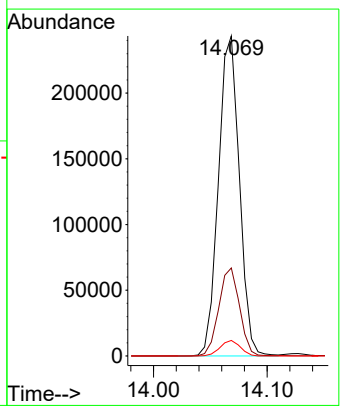
08/25/2025

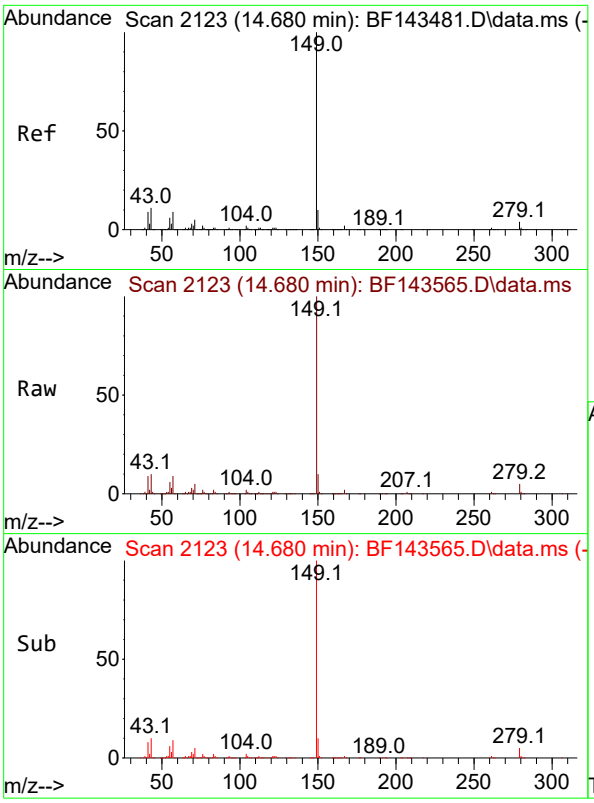


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.002 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:149 Resp: 311892

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.2	33.2
279	4.9	3.6	5.4





#85
Di-n-octyl phthalate
Concen: 39.419 ng
RT: 14.680 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

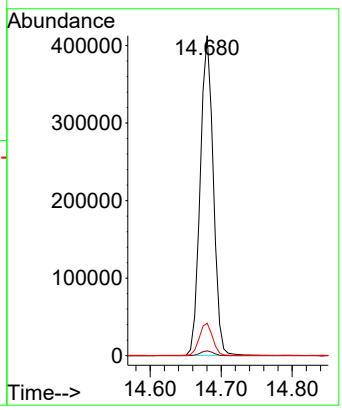
Tgt Ion:149 Resp: 52965

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.2	8.5	12.7

Instrument :
BNA_F
ClientSampleId :
PB169330BS

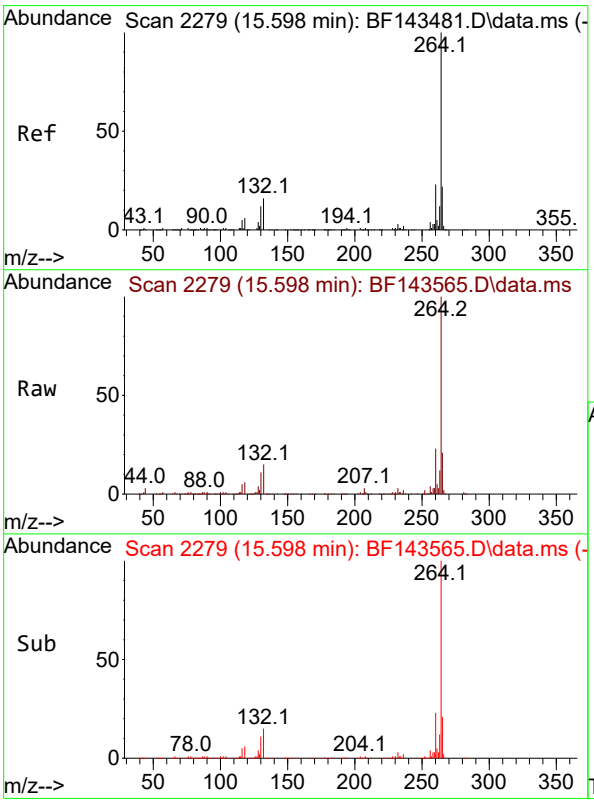
Manual Integrations
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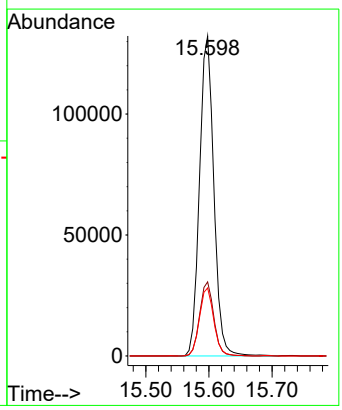
08/25/2025

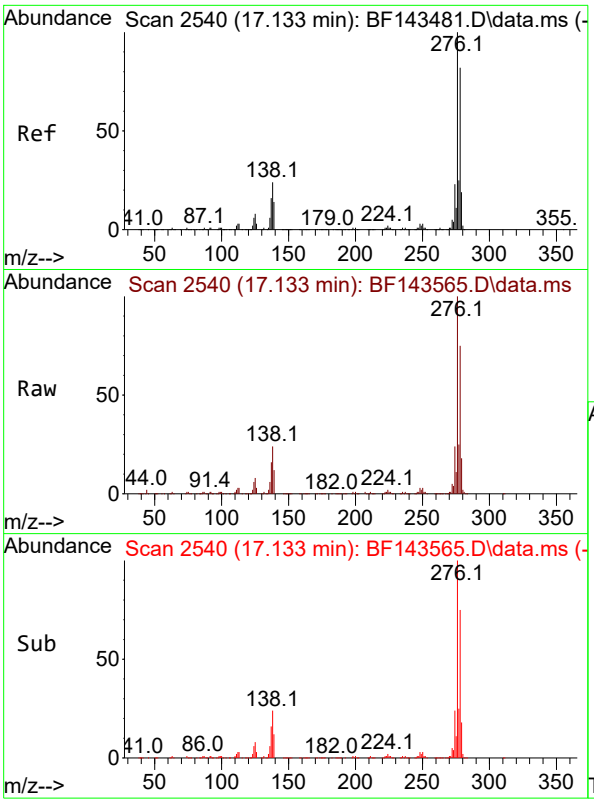


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:264 Resp: 208497

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.2	17.6	26.4

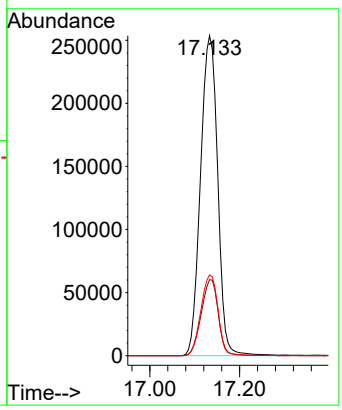




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.930 ng
RT: 17.133 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:276 Resp: 67316

Ion	Ratio	Lower	Upper
276	100		
138	23.5	19.2	28.8
277	25.3	20.3	30.5



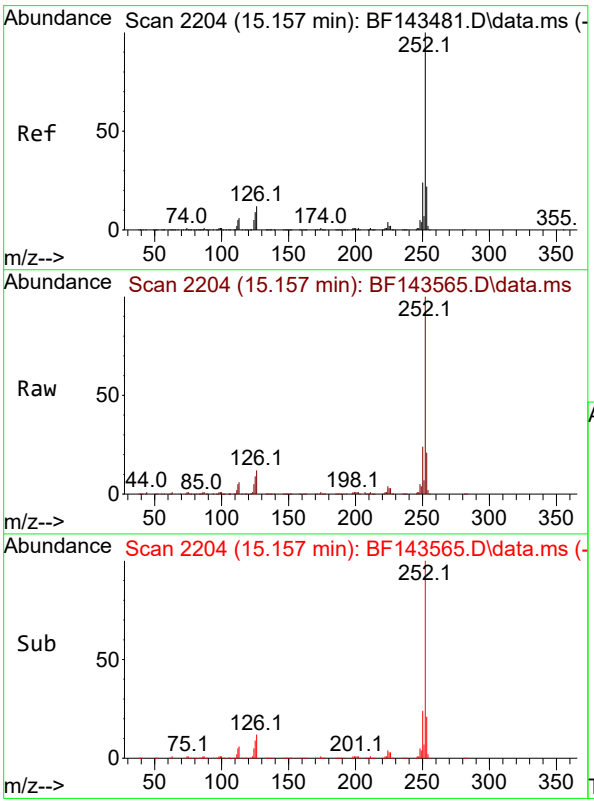
Instrument :
BNA_F
ClientSampleId :
PB169330BS

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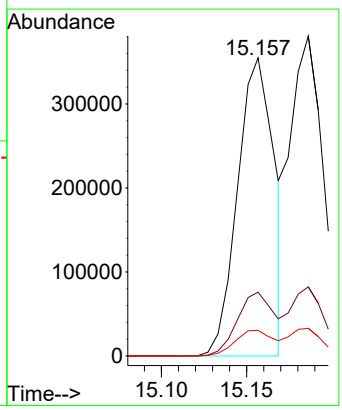
08/25/2025

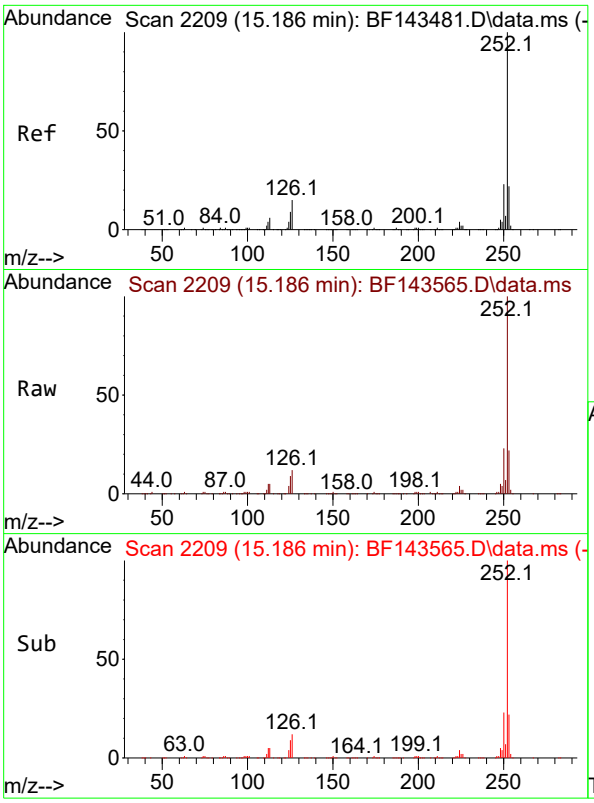


#88
Benzo(b)fluoranthene
Concen: 45.616 ng
RT: 15.157 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:252 Resp: 528666

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	8.6	7.4	11.0

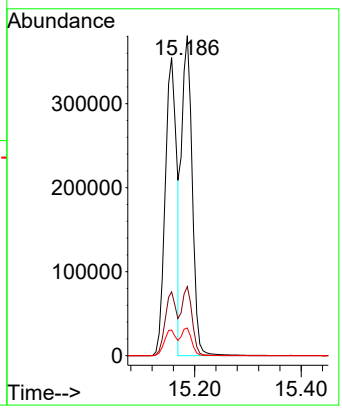




#89
Benzo(k)fluoranthene
Concen: 47.211 ng
RT: 15.186 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:252 Resp: 52388

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	8.6	7.4	11.0



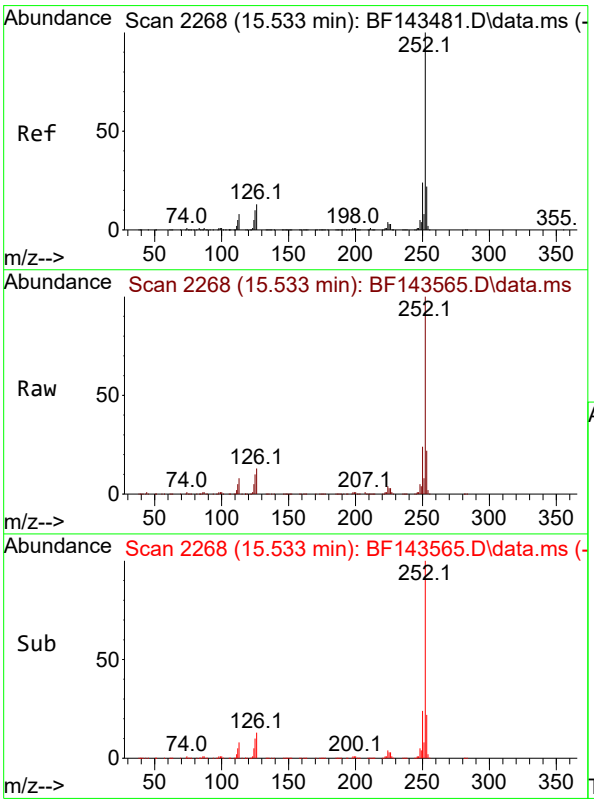
Instrument :
BNA_F
ClientSampleId :
PB169330BS

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08/25/2025
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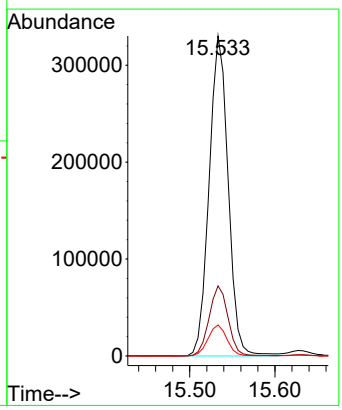
08/25/2025

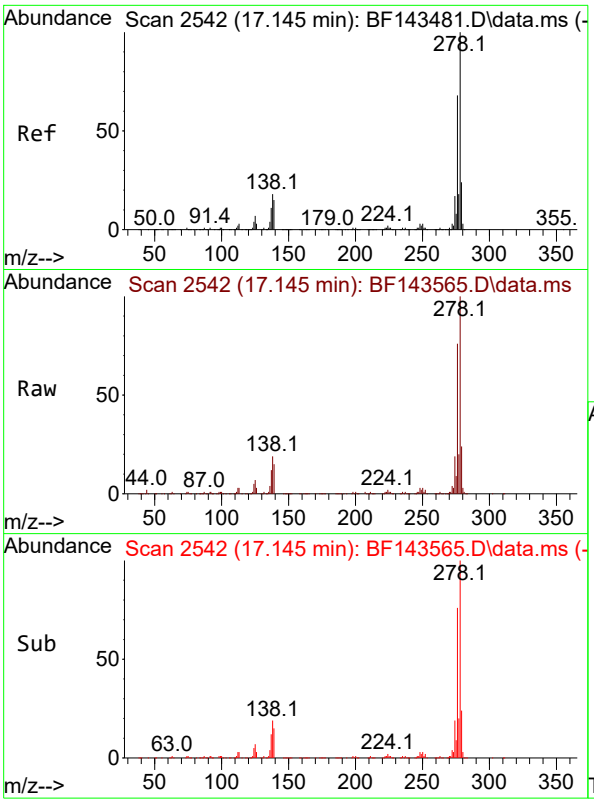


#90
Benzo(a)pyrene
Concen: 47.608 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:252 Resp: 512150

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	9.7	8.2	12.2

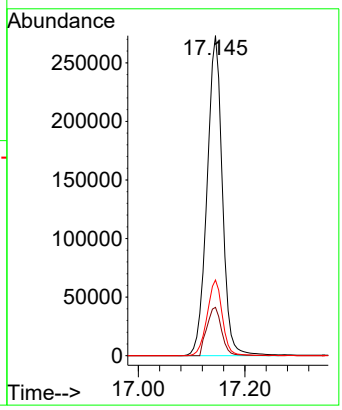




#91
Dibenzo(a,h)anthracene
Concen: 45.452 ng
RT: 17.145 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:278 Resp: 54539

Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.1	18.1
279	23.7	19.2	28.8



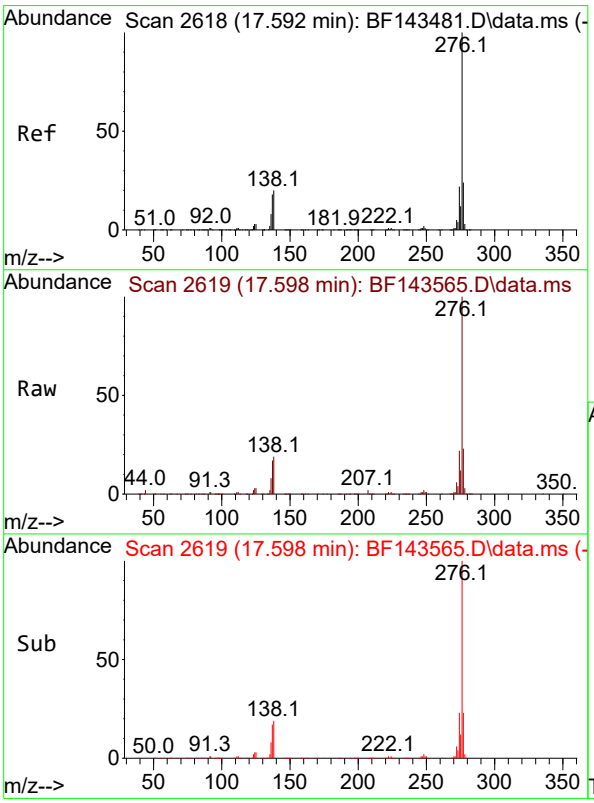
Instrument :
BNA_F
ClientSampleId :
PB169330BS

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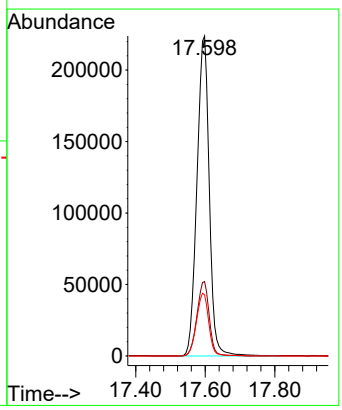
08/25/2025



#92
Benzo(g,h,i)perylene
Concen: 46.097 ng
RT: 17.598 min Scan# 2619
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:276 Resp: 550013

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.9	28.3
138	19.1	16.3	24.5



Raw Data: **BF143570.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6B-081925MS	SDG No.:	Q2903
Lab Sample ID:	Q2903-05MS	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
BF143570.D	1	08/21/25 08:50	08/22/25 13:58	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	24.8		4.20	10.6	ug/L
108-95-2	Phenol	17.8		0.97	5.30	ug/L
111-44-4	bis(2-Chloroethyl)ether	41.5		0.86	5.30	ug/L
95-57-8	2-Chlorophenol	37.2		0.62	5.30	ug/L
95-48-7	2-Methylphenol	35.3		1.20	5.30	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	38.4		1.40	5.30	ug/L
98-86-2	Acetophenone	47.9		0.79	5.30	ug/L
65794-96-9	3+4-Methylphenols	33.1		1.20	10.6	ug/L
621-64-7	n-Nitroso-di-n-propylamine	52.0		1.50	2.70	ug/L
67-72-1	Hexachloroethane	20.0		0.69	5.30	ug/L
98-95-3	Nitrobenzene	44.2		0.81	5.30	ug/L
78-59-1	Isophorone	51.1		0.80	5.30	ug/L
88-75-5	2-Nitrophenol	46.3		1.90	5.30	ug/L
105-67-9	2,4-Dimethylphenol	43.5		2.00	5.30	ug/L
111-91-1	bis(2-Chloroethoxy)methane	48.1		0.72	5.30	ug/L
120-83-2	2,4-Dichlorophenol	45.1		0.55	5.30	ug/L
91-20-3	Naphthalene	35.4		0.53	5.30	ug/L
106-47-8	4-Chloroaniline	25.2		0.89	5.30	ug/L
87-68-3	Hexachlorobutadiene	26.7		0.57	5.30	ug/L
105-60-2	Caprolactam	13.3		1.20	10.6	ug/L
59-50-7	4-Chloro-3-methylphenol	49.0		0.63	5.30	ug/L
91-57-6	2-Methylnaphthalene	38.8		0.60	5.30	ug/L
77-47-4	Hexachlorocyclopentadiene	81.1		3.90	10.6	ug/L
88-06-2	2,4,6-Trichlorophenol	49.8		0.54	5.30	ug/L
95-95-4	2,4,5-Trichlorophenol	48.9		0.66	5.30	ug/L
92-52-4	1,1-Biphenyl	45.4		0.56	5.30	ug/L
91-58-7	2-Chloronaphthalene	43.8		0.65	5.30	ug/L
88-74-4	2-Nitroaniline	54.6		1.30	5.30	ug/L
131-11-3	Dimethylphthalate	56.2		0.65	5.30	ug/L

Raw Data: **BF143570.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6B-081925MS	SDG No.:	Q2903
Lab Sample ID:	Q2903-05MS	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
BF143570.D	1	08/21/25 08:50	08/22/25 13:58	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	52.3		0.80	5.30	ug/L
606-20-2	2,6-Dinitrotoluene	57.7		0.98	5.30	ug/L
99-09-2	3-Nitroaniline	31.6		1.10	5.30	ug/L
83-32-9	Acenaphthene	52.3		0.59	5.30	ug/L
51-28-5	2,4-Dinitrophenol	98.1	E	6.40	10.6	ug/L
100-02-7	4-Nitrophenol	43.9		2.50	10.6	ug/L
132-64-9	Dibenzofuran	48.9		0.65	5.30	ug/L
121-14-2	2,4-Dinitrotoluene	58.9		1.30	5.30	ug/L
84-66-2	Diethylphthalate	60.5		0.73	5.30	ug/L
7005-72-3	4-Chlorophenyl-phenylether	51.1		0.72	5.30	ug/L
86-73-7	Fluorene	50.9		0.67	5.30	ug/L
100-01-6	4-Nitroaniline	55.4		1.60	5.30	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	52.9		3.10	10.6	ug/L
86-30-6	n-Nitrosodiphenylamine	49.4		0.62	5.30	ug/L
101-55-3	4-Bromophenyl-phenylether	50.2		0.43	5.30	ug/L
118-74-1	Hexachlorobenzene	49.8		0.55	5.30	ug/L
1912-24-9	Atrazine	63.3		1.10	5.30	ug/L
87-86-5	Pentachlorophenol	110	E	1.70	10.6	ug/L
85-01-8	Phenanthrene	48.6		0.53	5.30	ug/L
120-12-7	Anthracene	49.0		0.65	5.30	ug/L
86-74-8	Carbazole	49.9		0.77	5.30	ug/L
84-74-2	Di-n-butylphthalate	71.5		1.30	5.30	ug/L
206-44-0	Fluoranthene	50.5		0.87	5.30	ug/L
129-00-0	Pyrene	49.0		0.53	5.30	ug/L
85-68-7	Butylbenzylphthalate	74.7		2.10	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	30.0		0.99	10.6	ug/L
56-55-3	Benzo(a)anthracene	51.1		0.48	5.30	ug/L
218-01-9	Chrysene	49.8		0.47	5.30	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	69.0		1.70	5.30	ug/L
117-84-0	Di-n-octyl phthalate	54.2		2.50	10.6	ug/L
205-99-2	Benzo(b)fluoranthene	58.2		0.52	5.30	ug/L

Raw Data: **BF143570.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6B-081925MS	SDG No.:	Q2903
Lab Sample ID:	Q2903-05MS	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
BF143570.D	1	08/21/25 08:50	08/22/25 13:58	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	48.0		0.51	5.30	ug/L
50-32-8	Benzo(a)pyrene	53.6		0.59	5.30	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47.4		0.63	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	48.5		0.71	5.30	ug/L
191-24-2	Benzo(g,h,i)perylene	45.2		0.73	5.30	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41.5		0.55	5.30	ug/L
123-91-1	1,4-Dioxane	20.0		1.10	5.30	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	56.9		0.77	5.30	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	67.0		23 - 138	45%	SPK: 150
13127-88-3	Phenol-d6	44.9		10 - 134	30%	SPK: 150
4165-60-0	Nitrobenzene-d5	95.2		67 - 132	95%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.1		52 - 132	88%	SPK: 100
118-79-6	2,4,6-Tribromophenol	149		44 - 137	99%	SPK: 150
1718-51-0	Terphenyl-d14	97.5		42 - 152	98%	SPK: 100

INTERNAL STANDARDS			
3855-82-1	1,4-Dichlorobenzene-d4	107000	6.922
1146-65-2	Naphthalene-d8	425000	8.21
15067-26-2	Acenaphthene-d10	250000	9.969
1517-22-2	Phenanthrene-d10	414000	11.457
1719-03-5	Chrysene-d12	243000	14.098
1520-96-3	Perylene-d12	233000	15.598

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: **BF143570.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143570.D
Acq On : 22 Aug 2025 13:58
Operator : RC/JU
Sample : Q2903-05MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 22 14:45:40 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

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

Supervised By :Jagrut Upadhyay
08/25/2025

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	6.922	152	107400	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	425430	20.000	ng		0.00
39) Acenaphthene-d10	9.969	164	249781	20.000	ng		0.00
64) Phenanthrene-d10	11.457	188	414431	20.000	ng		0.00
76) Chrysene-d12	14.098	240	243358	20.000	ng		0.00
86) Perylene-d12	15.598	264	233140	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	412022	66.989	ng		0.00
7) Phenol-d6	6.563	99	340689	44.871	ng		-0.01
23) Nitrobenzene-d5	7.486	82	693696	95.152	ng		-0.01
42) 2,4,6-Tribromophenol	10.763	330	346463	149.010	ng		0.00
45) 2-Fluorobiphenyl	9.286	172	1331686	88.111	ng		0.00
79) Terphenyl-d14	13.039	244	1360303	97.543	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	53626	18.821	ng		99
3) Pyridine	3.569	79	128219	16.896	ng		99
4) n-Nitrosodimethylamine	3.493	42	76419	22.400	ng		93
6) Aniline	6.587	93	266575	26.267	ng		99
8) 2-Chlorophenol	6.716	128	237535	34.965	ng		100
9) Benzaldehyde	6.475	77	143325	23.316	ng		98
10) Phenol	6.575	94	145990	16.691	ng		90
11) bis(2-Chloroethyl)ether	6.657	93	255260	39.053	ng		99
12) 1,3-Dichlorobenzene	6.869	146	155516	20.374	ng		99
13) 1,4-Dichlorobenzene	6.939	146	164220	21.448	ng		98
14) 1,2-Dichlorobenzene	7.098	146	167039	23.042	ng		99
15) Benzyl Alcohol	7.069	79	211501	37.206	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.198	45	377551	36.105	ng		93
17) 2-Methylphenol	7.186	107	180885	33.175	ng		96
18) Hexachloroethane	7.439	117	48889	18.780	ng		96
19) n-Nitroso-di-n-propyla...	7.339	70	226743	48.859	ng		100
20) 3+4-Methylphenols	7.334	107	202763	31.152	ng	#	71
22) Acetophenone	7.334	105	413499	44.989	ng		96
24) Nitrobenzene	7.510	77	312094	41.593	ng		99
25) Isophorone	7.745	82	642031	48.042	ng		99
26) 2-Nitrophenol	7.822	139	159872	43.496	ng		92
27) 2,4-Dimethylphenol	7.863	122	234465	40.922	ng		95
28) bis(2-Chloroethoxy)met...	7.951	93	371388	45.220	ng		100
29) 2,4-Dichlorophenol	8.069	162	259165	42.352	ng		98
30) 1,2,4-Trichlorobenzene	8.151	180	194772	30.958	ng		99
31) Naphthalene	8.228	128	679263	33.257	ng		100
32) Benzoic acid	7.969	122	52382	19.769	ng		97
33) 4-Chloroaniline	8.275	127	171792	23.698	ng		97
34) Hexachlorobutadiene	8.345	225	102959	25.083	ng		100
35) Caprolactam	8.657	113	18415m	12.541	ng		
36) 4-Chloro-3-methylphenol	8.763	107	282408	46.052	ng		97
37) 2-Methylnaphthalene	8.922	142	497227	36.450	ng		100
38) 1-Methylnaphthalene	9.022	142	529045	40.544	ng		100
40) 1,2,4,5-Tetrachloroben...	9.092	216	278651	39.001	ng		99
41) Hexachlorocyclopentadiene	9.080	237	210639	76.209	ng		100
43) 2,4,6-Trichlorophenol	9.204	196	205648	46.777	ng		100

Sample Results: **BF143570.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143570.D
Acq On : 22 Aug 2025 13:58
Operator : RC/JU
Sample : Q2903-05MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 22 14:45:40 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

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

Supervised By :Jagrut Upadhyay
08/25/2025

08/25/2025
Supervised By :Jagrut Upadhyay

08/25/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	220559	45.929	ng	98
46) 1,1'-Biphenyl	9.386	154	755879	42.635	ng	99
47) 2-Chloronaphthalene	9.416	162	573000	41.192	ng	98
48) 2-Nitroaniline	9.510	65	208819	51.293	ng	99
49) Acenaphthylene	9.827	152	978663	49.135	ng	100
50) Dimethylphthalate	9.686	163	795145	52.856	ng	100
51) 2,6-Dinitrotoluene	9.751	165	169080	54.229	ng	97
52) Acenaphthene	10.004	154	664543	49.140	ng	99
53) 3-Nitroaniline	9.922	138	100132	29.721	ng	98
54) 2,4-Dinitrophenol	10.033	184	155133	92.177	ng	95
55) Dibenzofuran	10.175	168	886232	45.965	ng	96
56) 4-Nitrophenol	10.092	139	82755	41.283	ng	91
57) 2,4-Dinitrotoluene	10.157	165	230520	55.372	ng	93
58) Fluorene	10.516	166	709674	47.824	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	190776	53.473	ng	98
60) Diethylphthalate	10.386	149	766447	56.826	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	356404	48.024	ng	97
62) 4-Nitroaniline	10.539	138	161135	52.071	ng	91
63) Azobenzene	10.669	77	737754	52.753	ng	98
65) 4,6-Dinitro-2-methylph...	10.569	198	116206	49.730	ng	96
66) n-Nitrosodiphenylamine	10.627	169	618918	46.405	ng	100
67) 4-Bromophenyl-phenylether	10.998	248	233184	47.157	ng	96
68) Hexachlorobenzene	11.069	284	249672	46.842	ng	97
69) Atrazine	11.151	200	204964	59.534	ng	96
70) Pentachlorophenol	11.269	266	254723	104.347	ng	99
71) Phenanthrene	11.480	178	1014640	45.718	ng	100
72) Anthracene	11.533	178	1035568	46.060	ng	100
73) Carbazole	11.686	167	864835	46.945	ng	99
74) Di-n-butylphthalate	12.010	149	1155092	67.211	ng	99
75) Fluoranthene	12.668	202	945491	47.478	ng	100
77) Benzidine	12.786	184	146437	24.703	ng	99
78) Pyrene	12.904	202	921104	46.014	ng	100
80) Butylbenzylphthalate	13.510	149	383947	70.209	ng	99
81) Benzo(a)anthracene	14.092	228	752345	48.019	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	126734	28.245	ng	99
83) Chrysene	14.127	228	658583	46.774	ng	99
84) Bis(2-ethylhexyl)phtha...	14.068	149	540317	64.872	ng	99
85) Di-n-octyl phthalate	14.680	149	786312	50.961	ng	99
87) Indeno(1,2,3-cd)pyrene	17.133	276	747161	44.598	ng	99
88) Benzo(b)fluoranthene	15.157	252	709069	54.715	ng	100
89) Benzo(k)fluoranthene	15.186	252	560348	45.160	ng	99
90) Benzo(a)pyrene	15.533	252	606517	50.421	ng	100
91) Dibenzo(a,h)anthracene	17.145	278	611155	45.549	ng	99
92) Benzo(g,h,i)perylene	17.598	276	567468	42.533	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143570.D
Acq On : 22 Aug 2025 13:58
Operator : RC/JU
Sample : Q2903-05MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 22 14:45:40 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

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

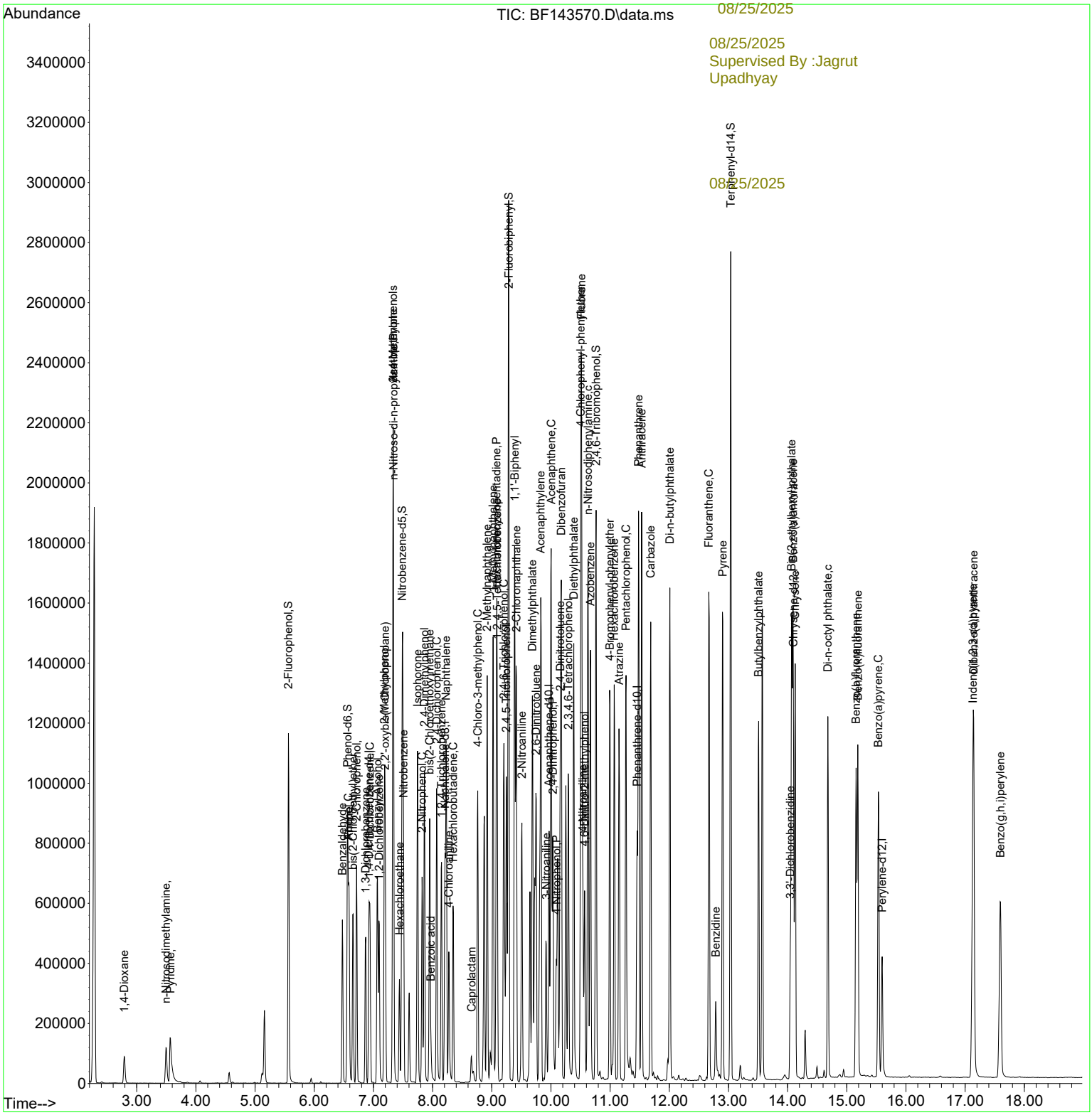
Manual Integrations APPROVED

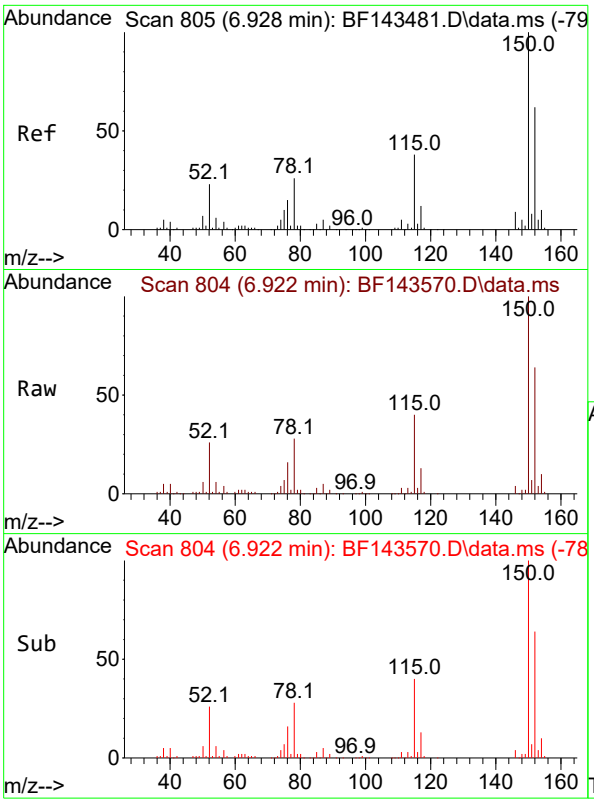
Reviewed By :Rahul Chavli

Supervised By :Jagrut Upadhyay
08/25/2025

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Supervised By :Jagrut Upadhyay

08/25/2025

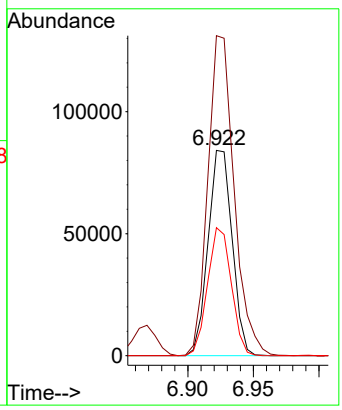




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:152 Resp: 10740

Ion	Ratio	Lower	Upper
152	100		
150	155.8	128.9	193.3
115	62.3	49.2	73.8



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

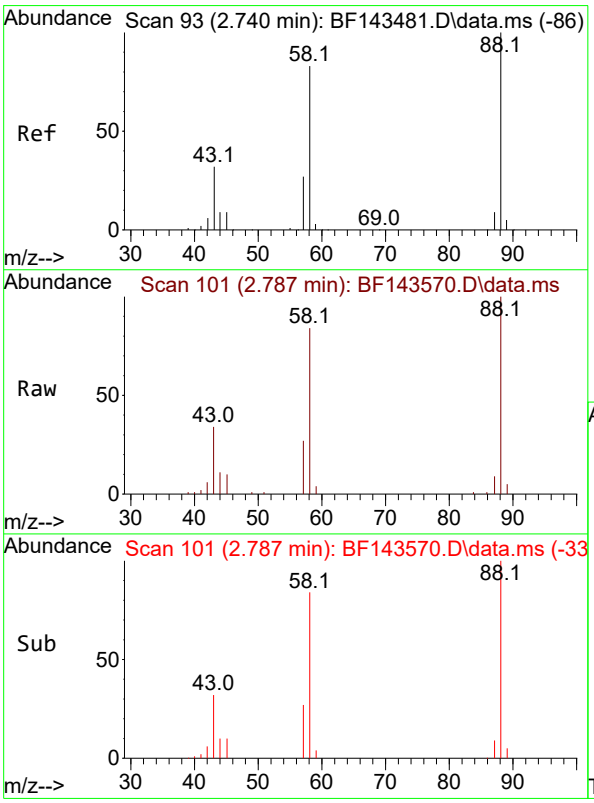
Manual Integrations APPROVED

Reviewed By :Rahul Chavli

Supervised By :Jagrut Upadhyay
08/25/2025

08/25/2025
Supervised By :Jagrut Upadhyay

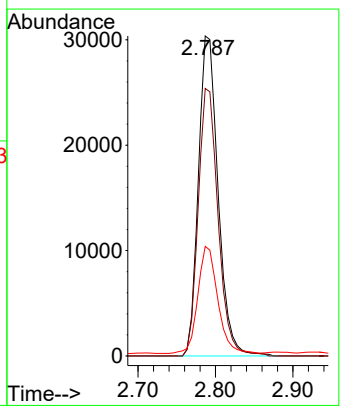
08/25/2025

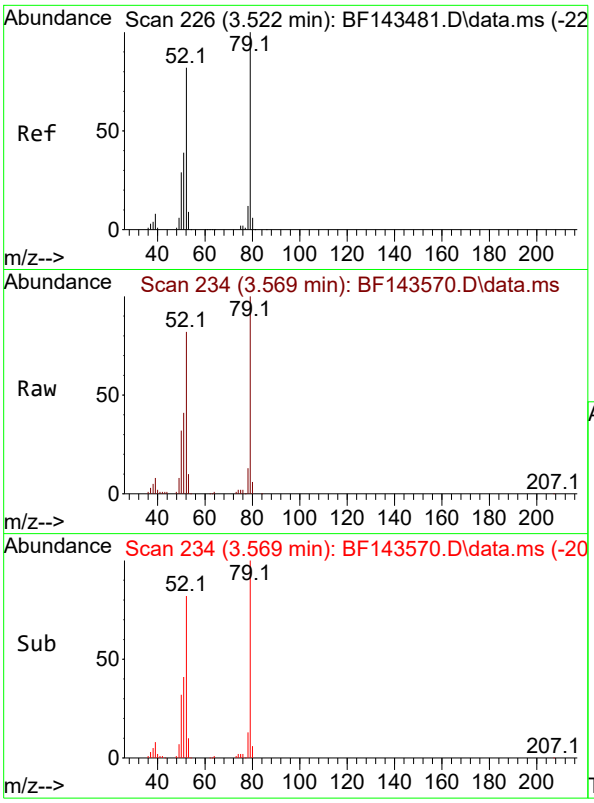


#2
1,4-Dioxane
Concen: 18.821 ng
RT: 2.787 min Scan# 101
Delta R.T. 0.053 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion: 88 Resp: 53626

Ion	Ratio	Lower	Upper
88	100		
58	84.4	66.7	100.1
43	33.7	25.8	38.8

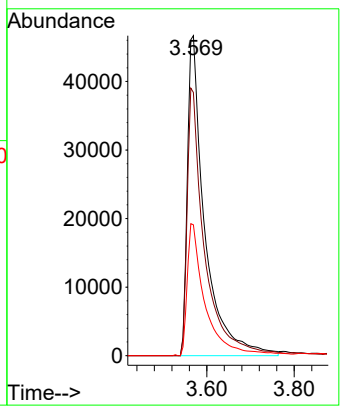




#3
Pyridine
Concen: 16.896 ng
RT: 3.569 min Scan# 2
Delta R.T. 0.053 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion: 79 Resp: 12821

Ion	Ratio	Lower	Upper
79	100		
52	82.2	65.6	98.4
51	40.9	31.2	46.8



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

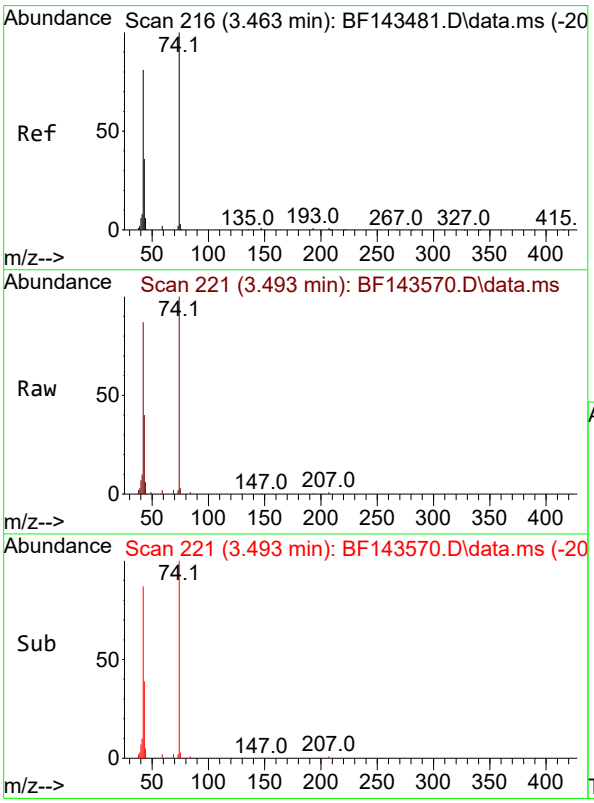
Manual Integrations APPROVED

Reviewed By :Rahul Chavli

Supervised By :Jagrut Upadhyay
08/25/2025

08/25/2025
Supervised By :Jagrut Upadhyay

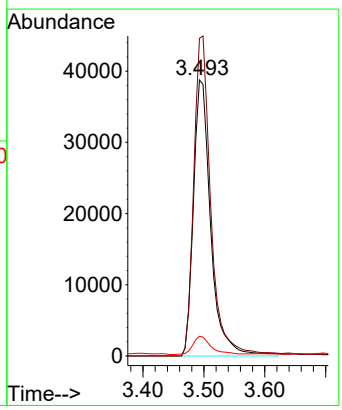
08/25/2025

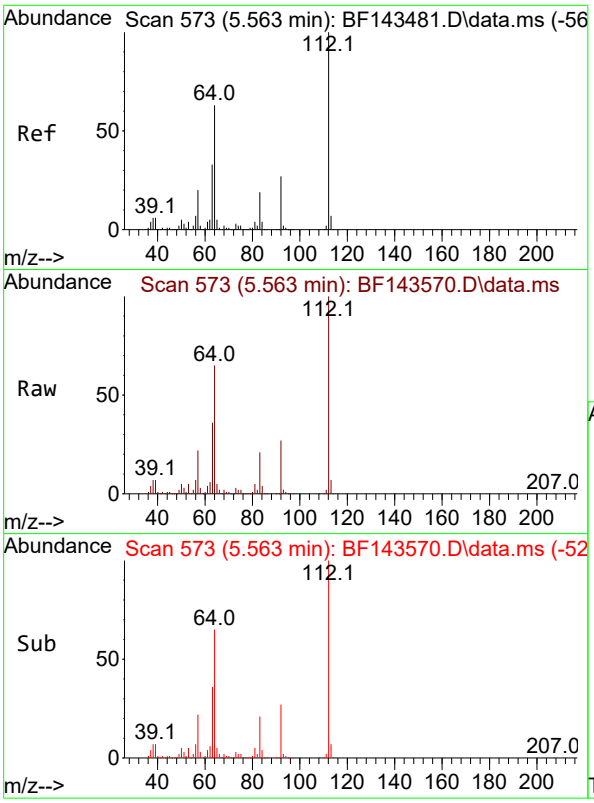


#4
n-Nitrosodimethylamine
Concen: 22.400 ng
RT: 3.493 min Scan# 221
Delta R.T. 0.018 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion: 42 Resp: 76419

Ion	Ratio	Lower	Upper
42	100		
74	115.0	98.6	148.0
44	7.2	5.8	8.8

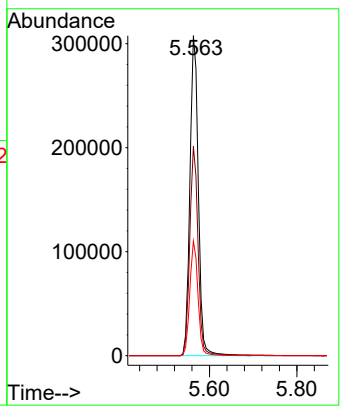




#5
2-Fluorophenol
Concen: 66.989 ng
RT: 5.563 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:112 Resp: 41202

Ion	Ratio	Lower	Upper
112	100		
64	65.4	50.4	75.6
63	35.8	26.4	39.6



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

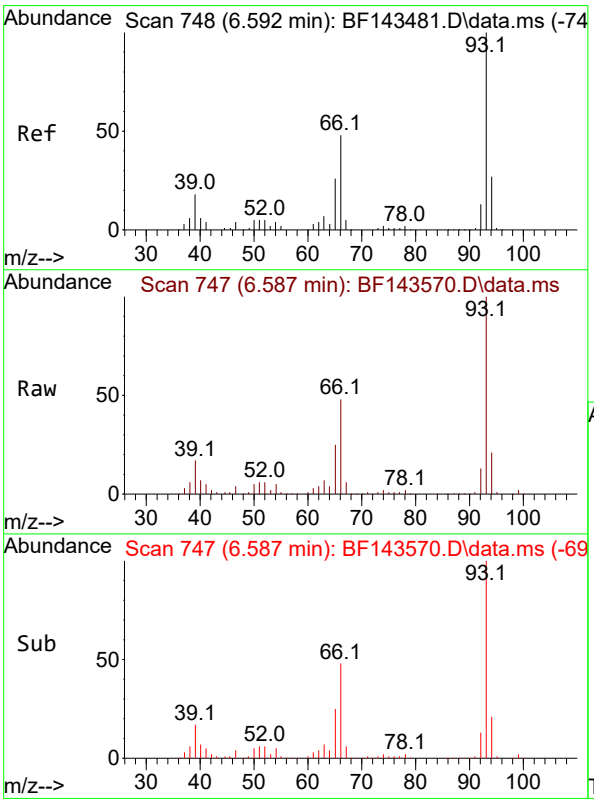
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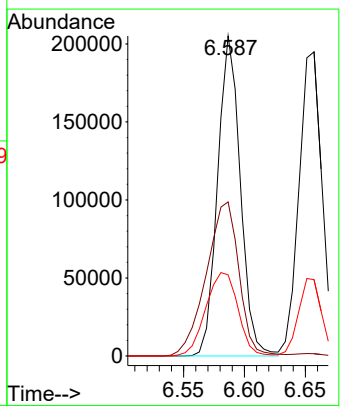
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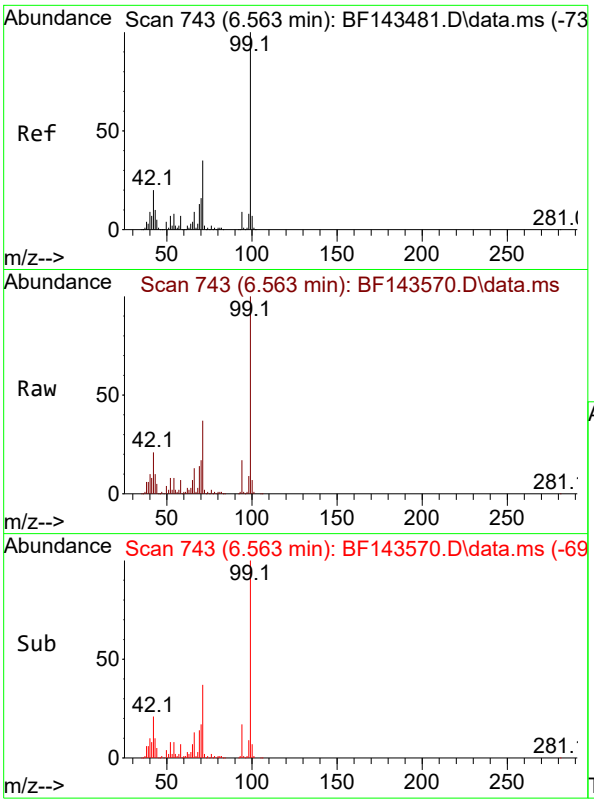


#6
Aniline
Concen: 26.267 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion: 93 Resp: 266575

Ion	Ratio	Lower	Upper
93	100		
66	48.2	38.9	58.3
65	25.3	20.6	30.8

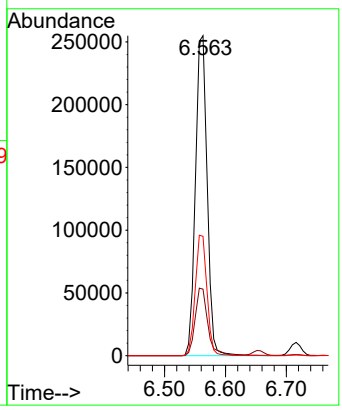




#7
Phenol-d6
Concen: 44.871 ng
RT: 6.563 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion: 99 Resp: 34068

Ion	Ratio	Lower	Upper
99	100		
42	20.8	16.3	24.5
71	37.3	28.2	42.2



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

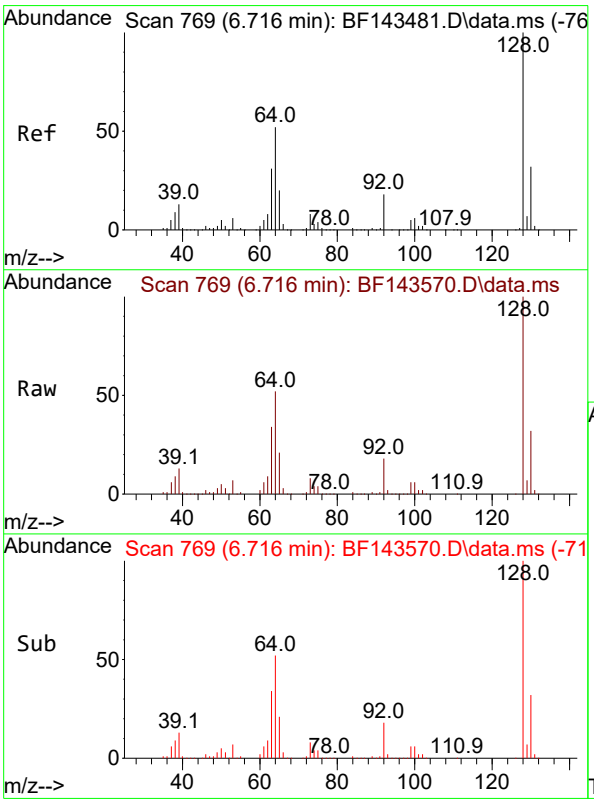
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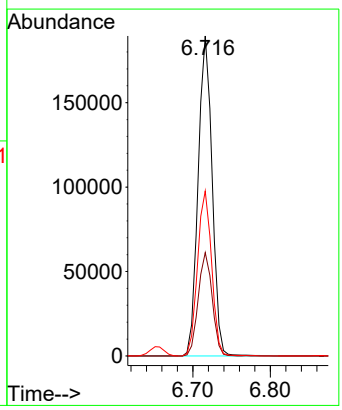
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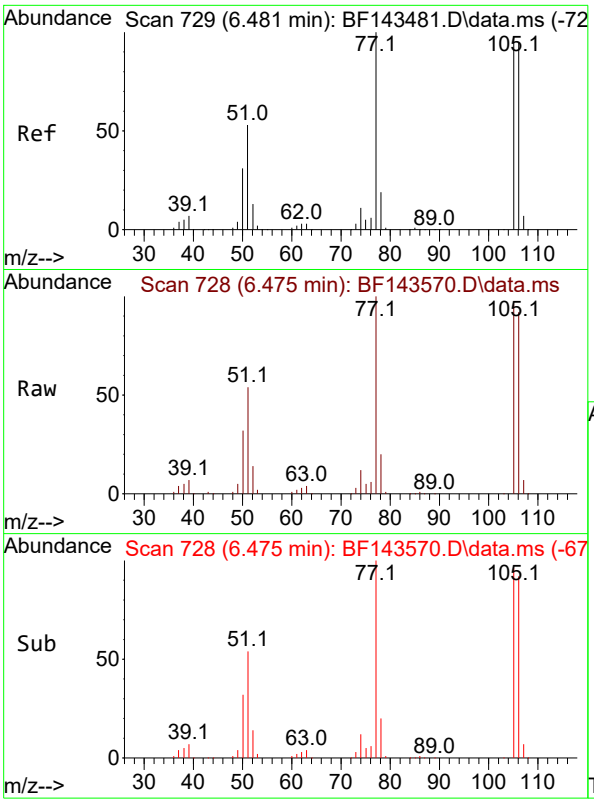


#8
2-Chlorophenol
Concen: 34.965 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:128 Resp: 237535

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.4	52.4
64	51.6	31.6	71.6

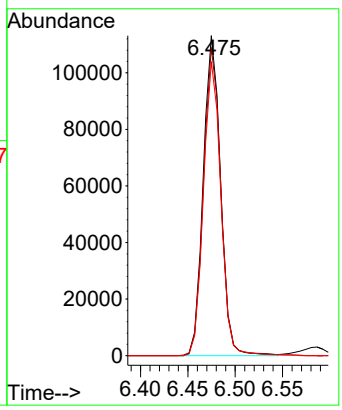




#9
Benzaldehyde
Concen: 23.316 ng
RT: 6.475 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion: 77 Resp: 14332

Ion	Ratio	Lower	Upper
77	100		
105	96.3	78.1	118.1
106	91.9	74.9	114.9



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

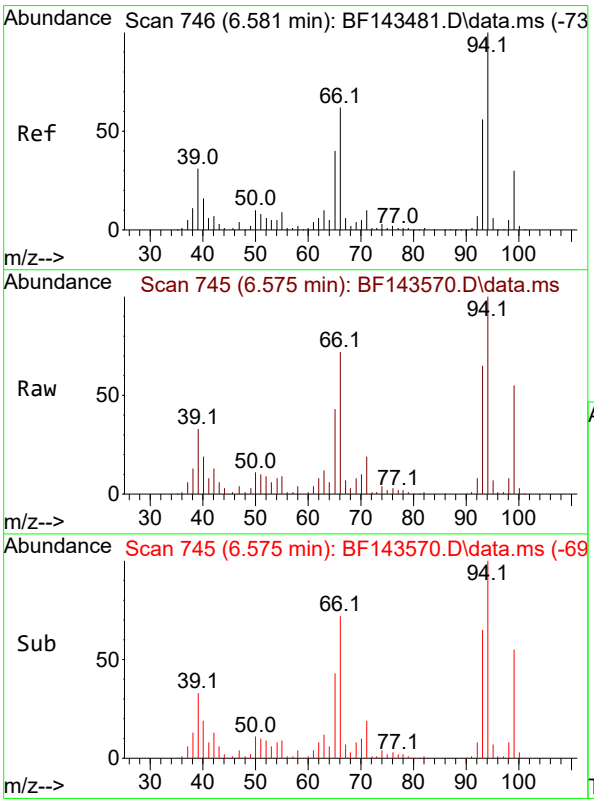
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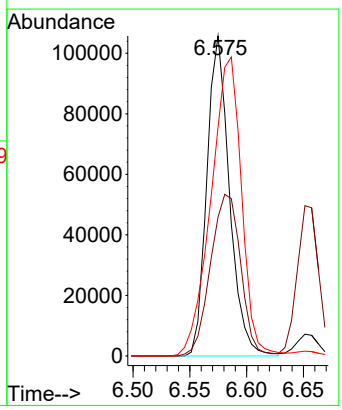
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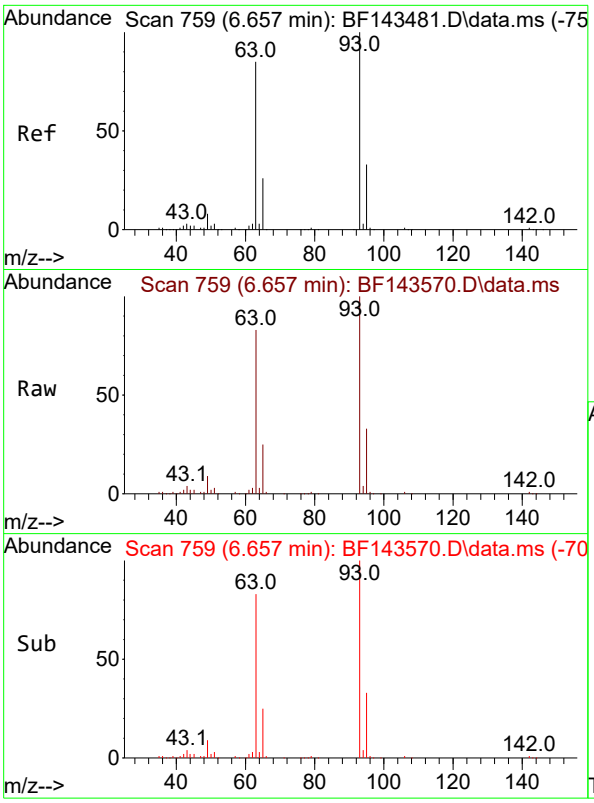


#10
Phenol
Concen: 16.691 ng
RT: 6.575 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion: 94 Resp: 145990

Ion	Ratio	Lower	Upper
94	100		
65	43.4	19.5	59.5
66	71.5	42.5	82.5

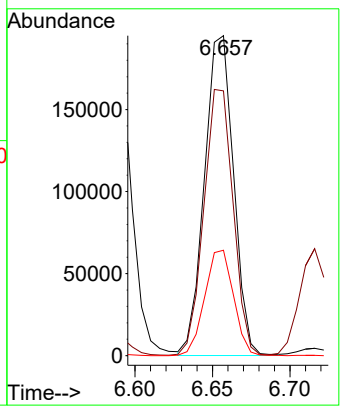




#11
bis(2-Chloroethyl)ether
Concen: 39.053 ng
RT: 6.657 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion: 93 Resp: 25526

Ion	Ratio	Lower	Upper
93	100		
63	82.7	63.6	103.6
95	32.9	12.8	52.8



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

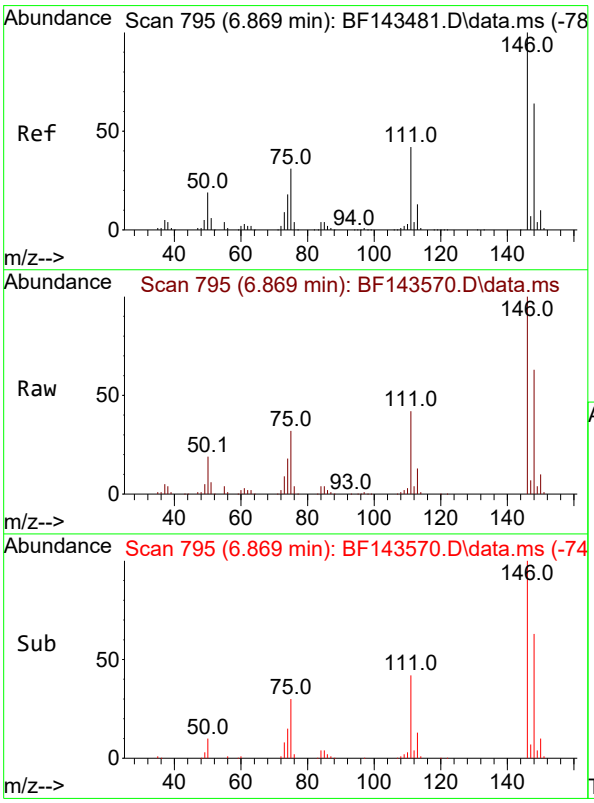
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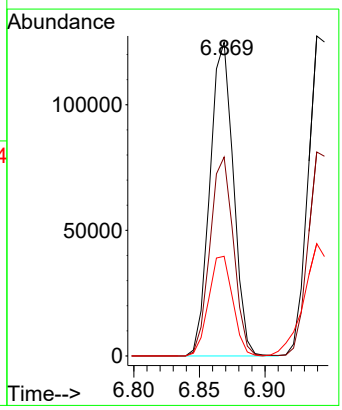
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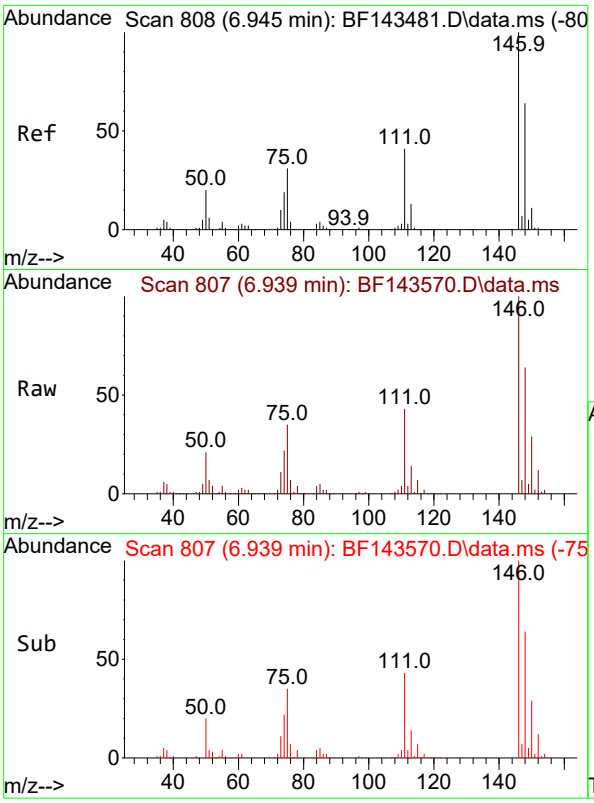


#12
1,3-Dichlorobenzene
Concen: 20.374 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:146 Resp: 155516

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.3	76.9
75	31.8	24.7	37.1

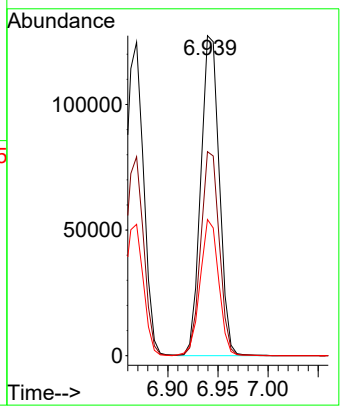




#13
1,4-Dichlorobenzene
Concen: 21.448 ng
RT: 6.939 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:146 Resp: 16422

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.5	77.3
111	42.5	32.6	49.0



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

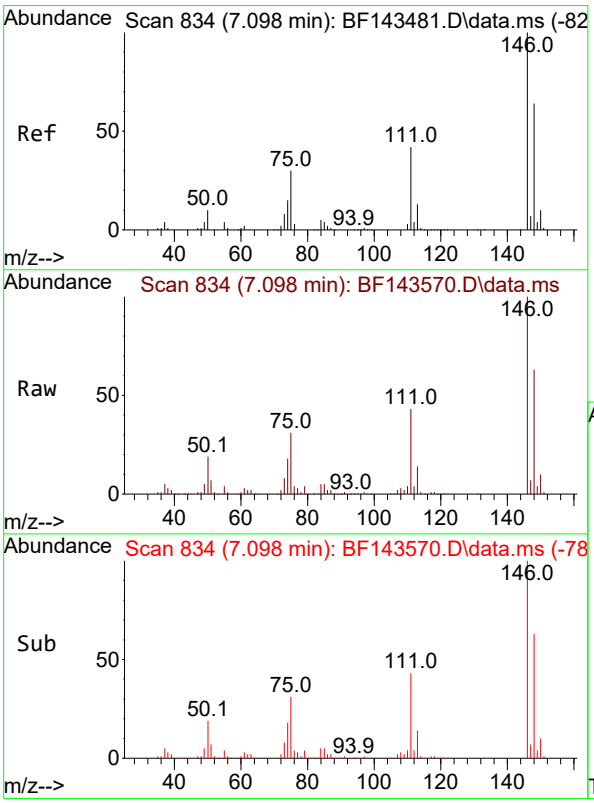
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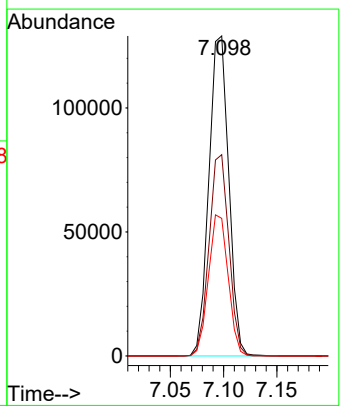
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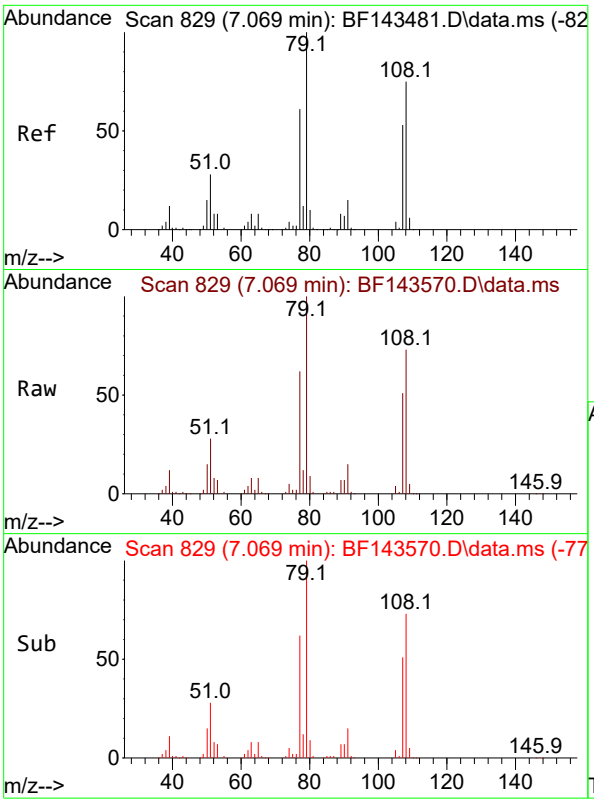


#14
1,2-Dichlorobenzene
Concen: 23.042 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:146 Resp: 167039

Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.0	76.6
111	43.0	34.0	51.0

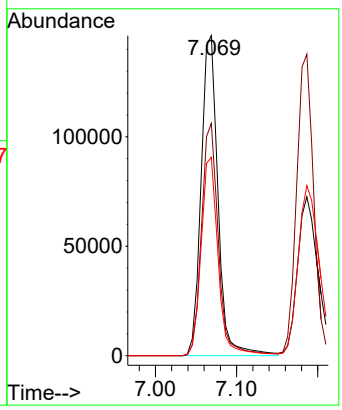




#15
Benzyl Alcohol
Concen: 37.206 ng
RT: 7.069 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion: 79 Resp: 21150

Ion	Ratio	Lower	Upper
79	100		
108	72.6	59.8	89.6
77	62.0	49.0	73.4



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

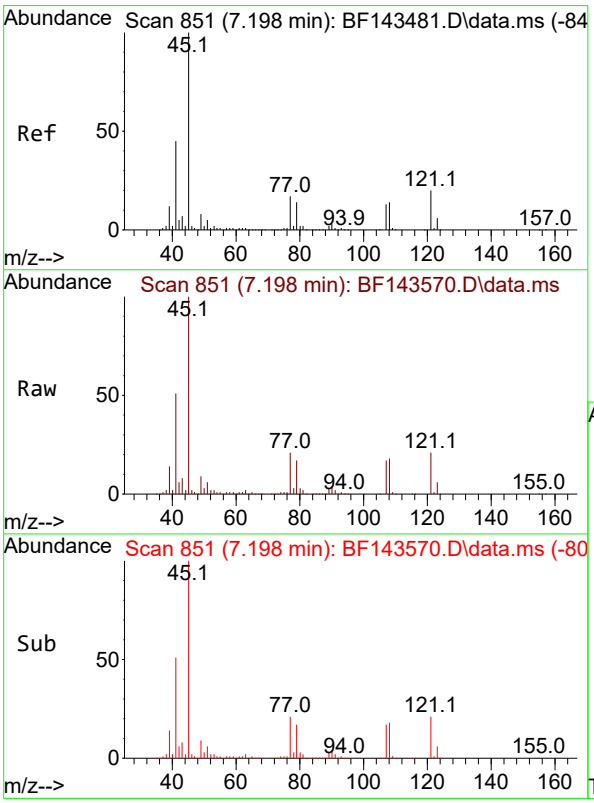
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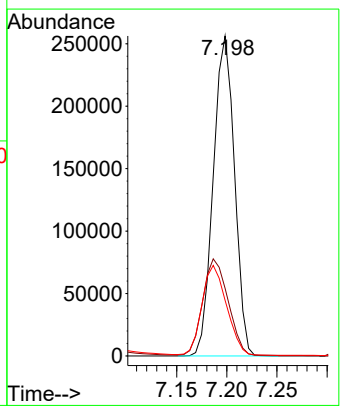
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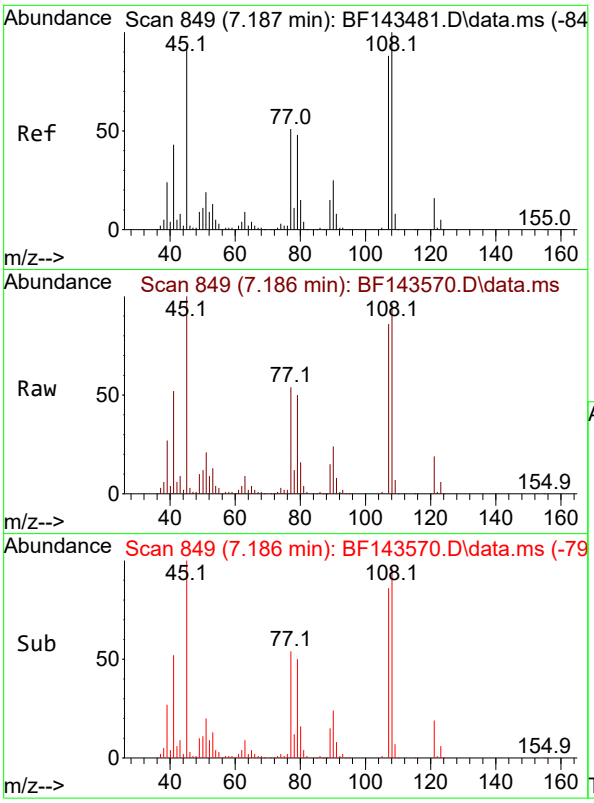


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.105 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion: 45 Resp: 377551

Ion	Ratio	Lower	Upper
45	100		
77	21.1	0.0	37.9
79	17.4	0.0	34.7

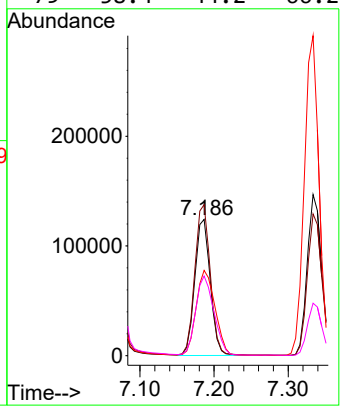




#17
2-Methylphenol
Concen: 33.175 ng
RT: 7.186 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:107 Resp: 18088

Ion	Ratio	Lower	Upper
107	100		
108	110.9	91.1	136.7
77	62.6	46.2	69.4
79	58.4	44.2	66.2



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

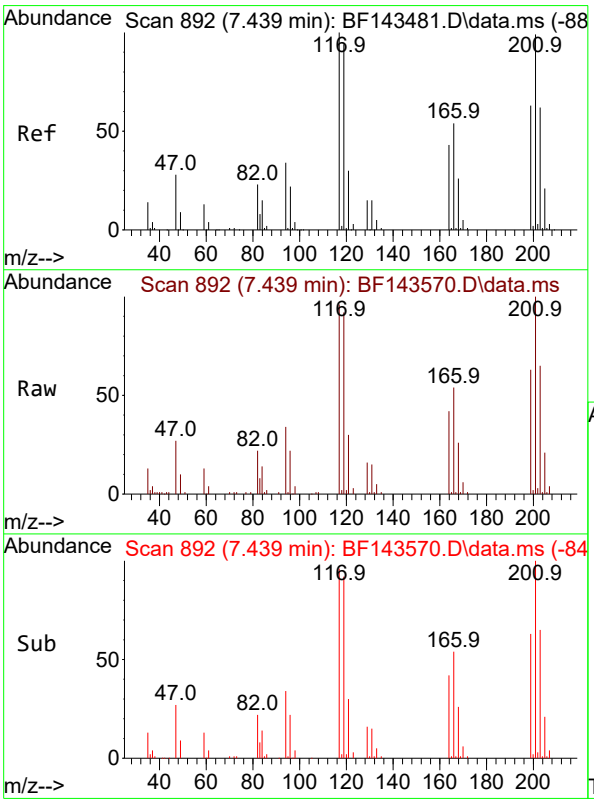
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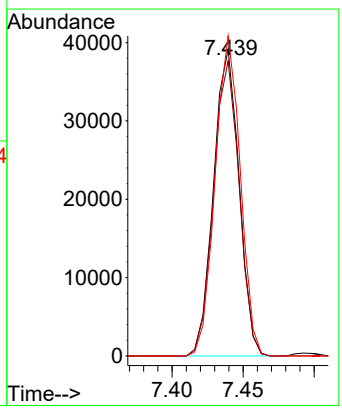
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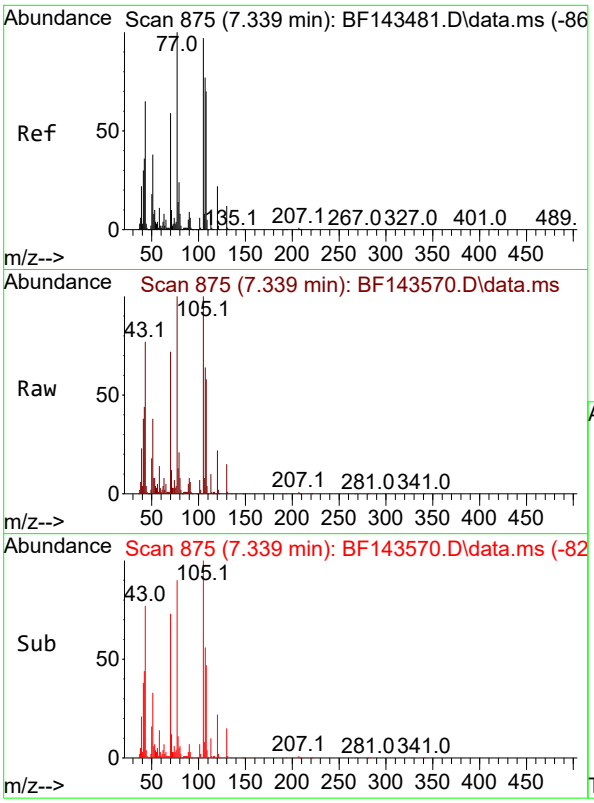


#18
Hexachloroethane
Concen: 18.780 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:117 Resp: 48889

Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.4	113.0
201	104.3	79.0	118.4

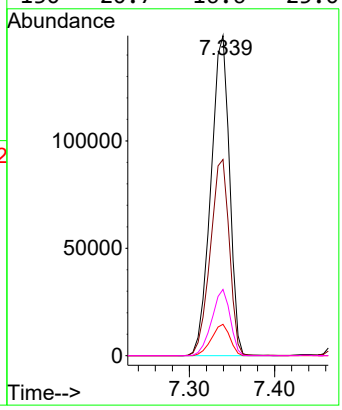




#19
n-Nitroso-di-n-propylamine
Concen: 48.859 ng
RT: 7.339 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion: 70 Resp: 22674

Ion	Ratio	Lower	Upper
70	100		
42	61.3	49.3	73.9
101	9.8	7.8	11.8
130	20.7	16.6	25.0



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

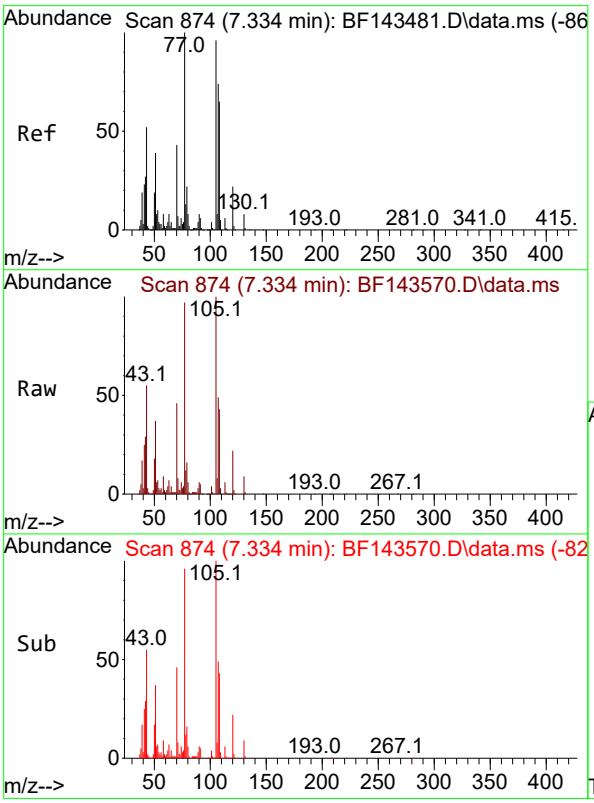
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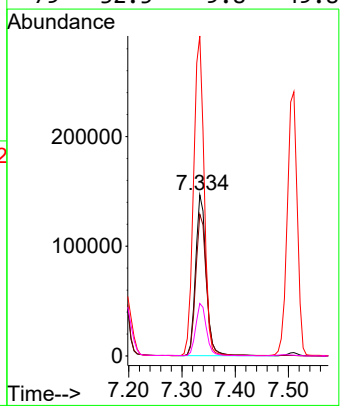
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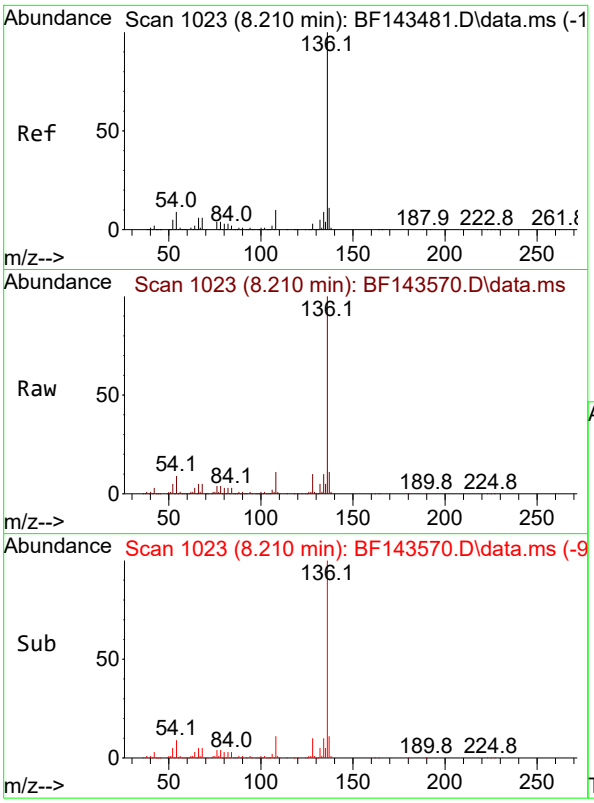


#20
3+4-Methylphenols
Concen: 31.152 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:107 Resp: 202763

Ion	Ratio	Lower	Upper
107	100		
108	88.0	68.4	108.4
77	198.6	116.1	156.1#
79	32.5	9.8	49.8

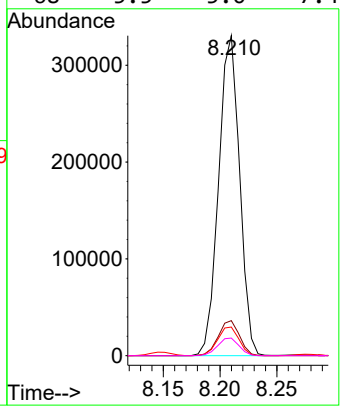




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:136 Resp: 42543

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.9	7.4	11.2
68	5.5	5.0	7.4



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

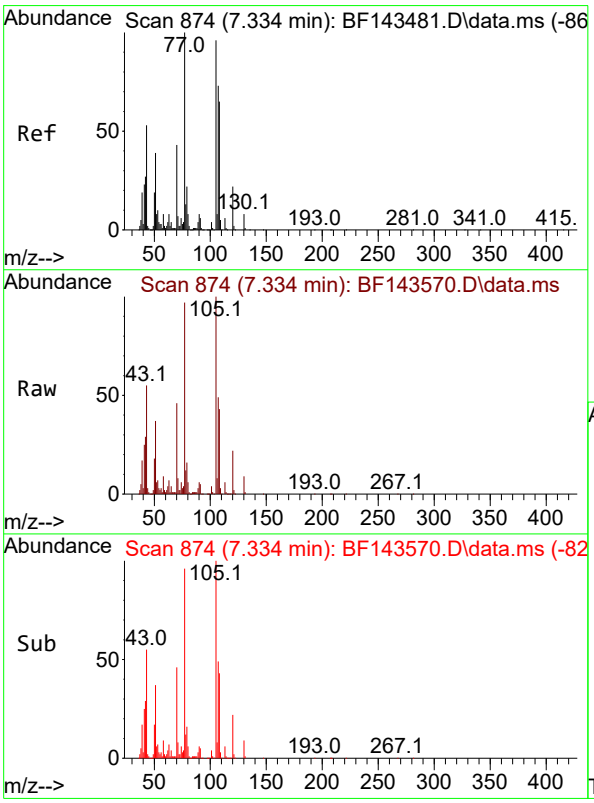
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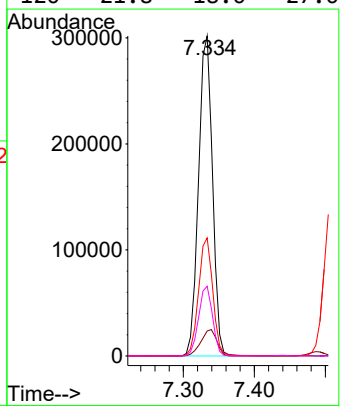
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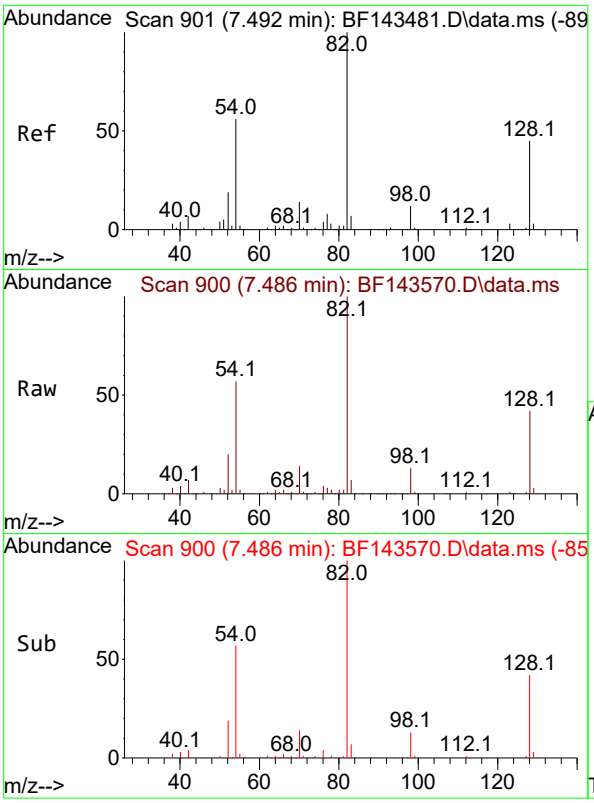


#22
Acetophenone
Concen: 44.989 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:105 Resp: 413499

Ion	Ratio	Lower	Upper
105	100		
71	7.8	5.9	8.9
51	36.9	32.5	48.7
120	21.8	18.0	27.0

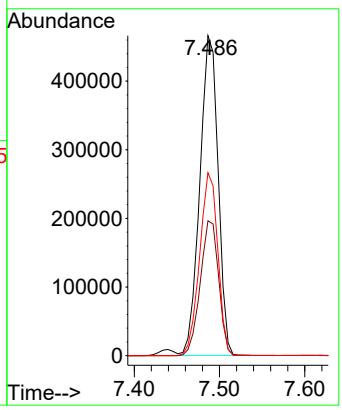




#23
Nitrobenzene-d5
Concen: 95.152 ng
RT: 7.486 min Scan# 9(
Delta R.T. -0.012 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion: 82 Resp: 69369(

Ion	Ratio	Lower	Upper
82	100		
128	42.1	35.5	53.3
54	57.2	44.3	66.5



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

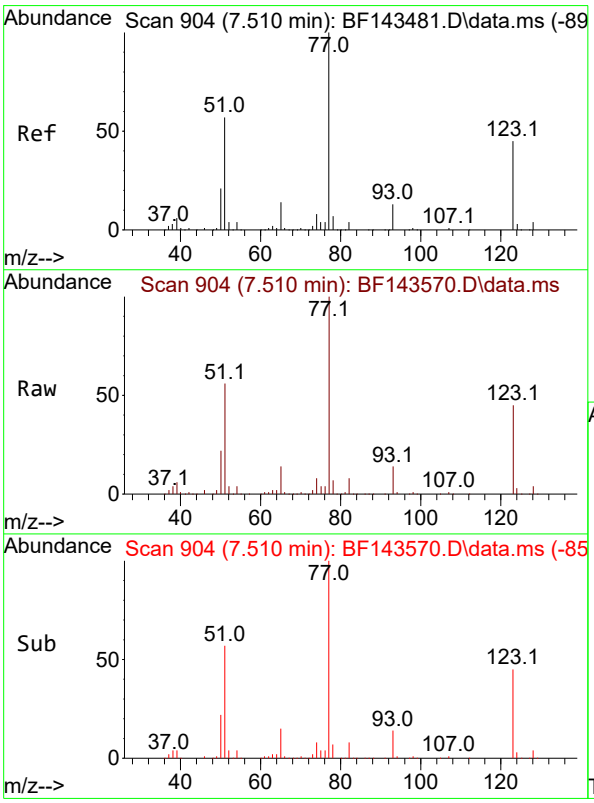
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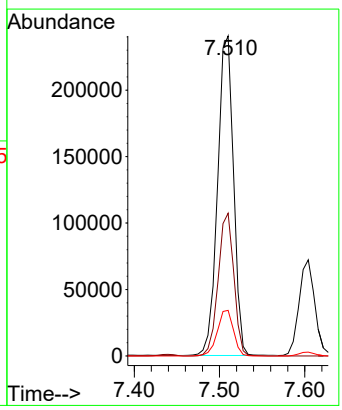
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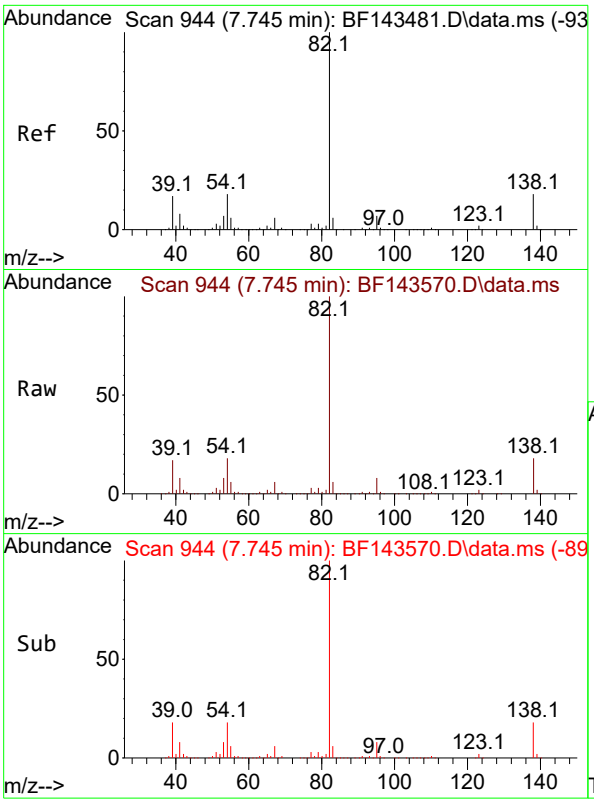


#24
Nitrobenzene
Concen: 41.593 ng
RT: 7.510 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion: 77 Resp: 312094

Ion	Ratio	Lower	Upper
77	100		
123	44.6	36.1	54.1
65	14.3	11.0	16.6

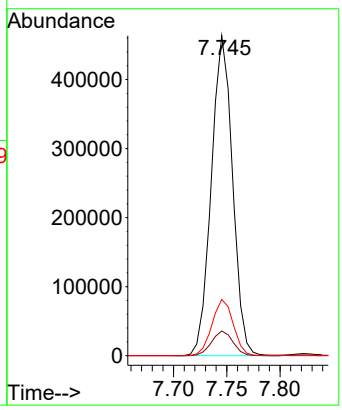




#25
Isophorone
Concen: 48.042 ng
RT: 7.745 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion: 82 Resp: 64203

Ion	Ratio	Lower	Upper
82	100		
95	7.7	5.8	8.8
138	17.6	14.2	21.4



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

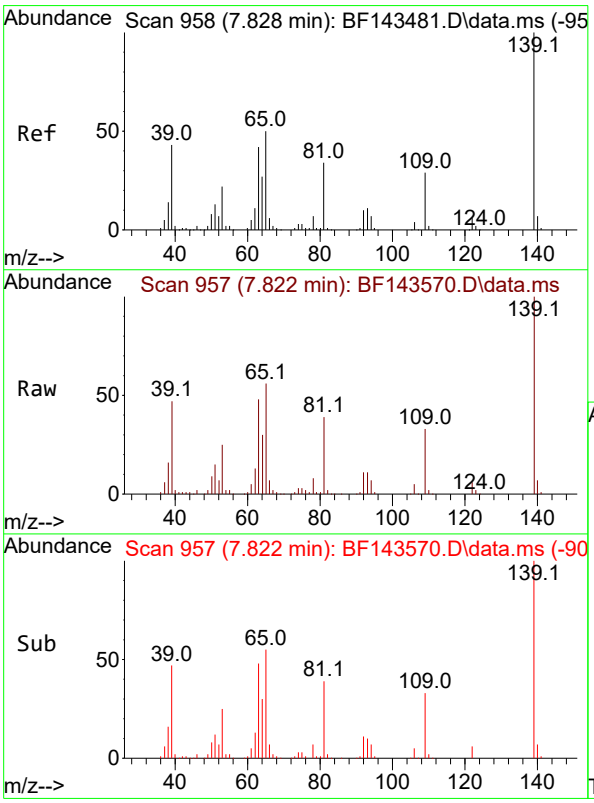
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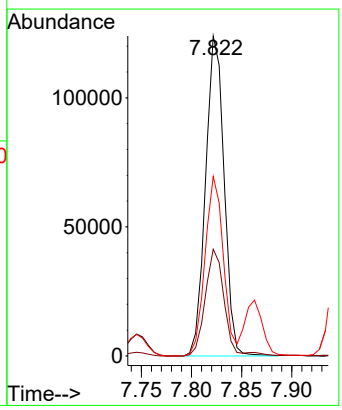
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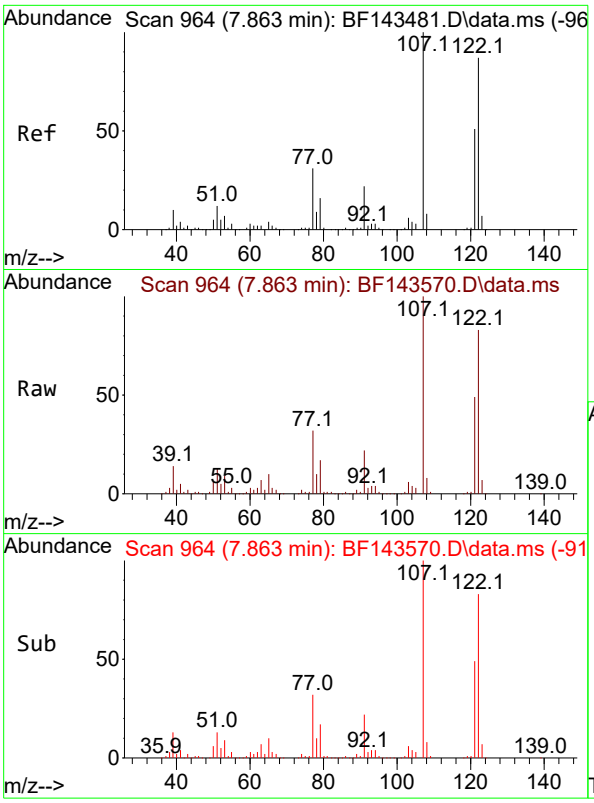


#26
2-Nitrophenol
Concen: 43.496 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:139 Resp: 159872

Ion	Ratio	Lower	Upper
139	100		
109	33.4	23.0	34.6
65	56.1	40.3	60.5

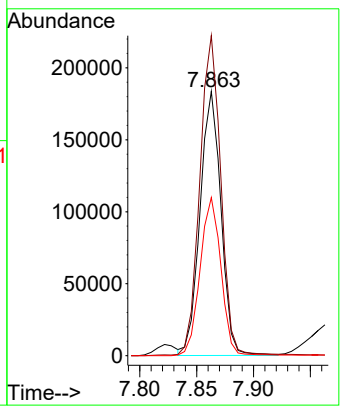




#27
2,4-Dimethylphenol
Concen: 40.922 ng
RT: 7.863 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:122 Resp: 23446

Ion	Ratio	Lower	Upper
122	100		
107	121.1	91.5	137.3
121	59.8	47.0	70.4



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

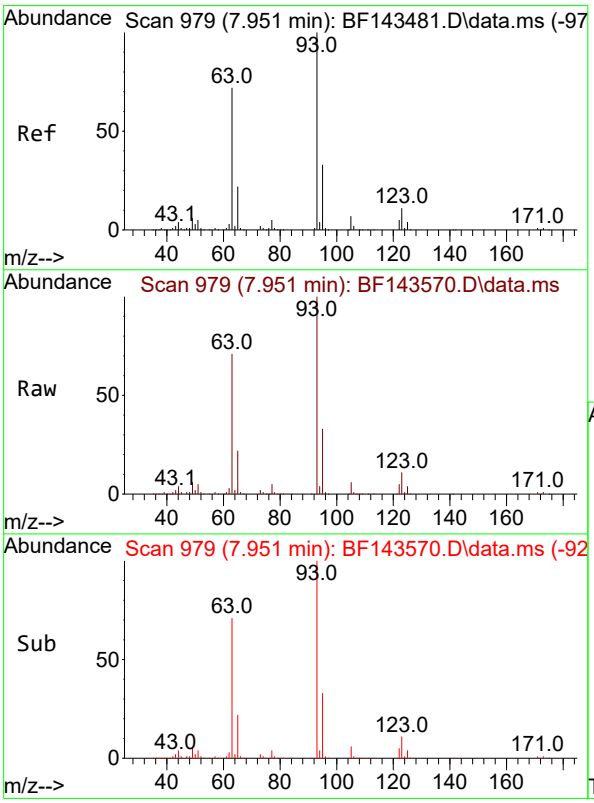
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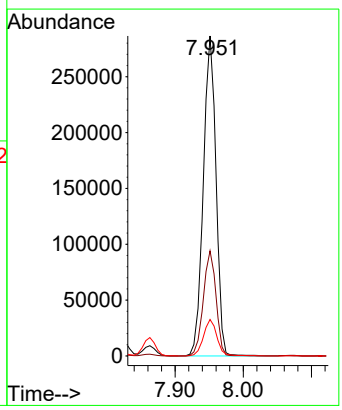
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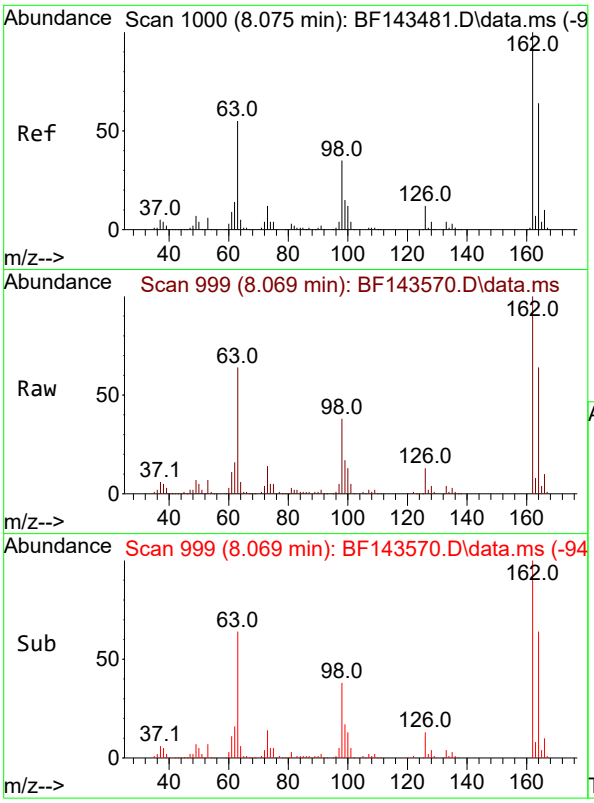


#28
bis(2-Chloroethoxy)methane
Concen: 45.220 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion: 93 Resp: 371388

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.0	39.0
123	11.4	9.1	13.7

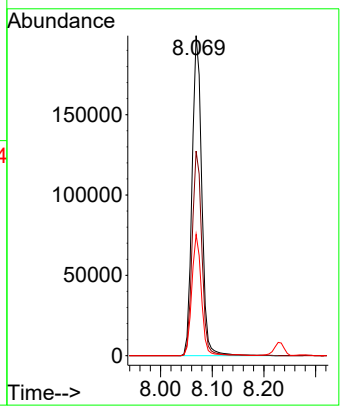




#29
2,4-Dichlorophenol
Concen: 42.352 ng
RT: 8.069 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:162 Resp: 25916

Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.5	83.5
98	37.9	15.1	55.1



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

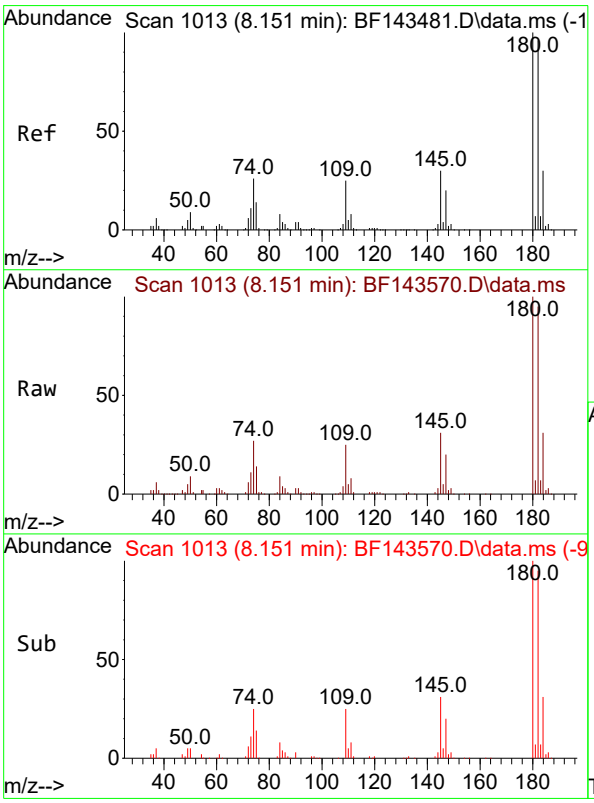
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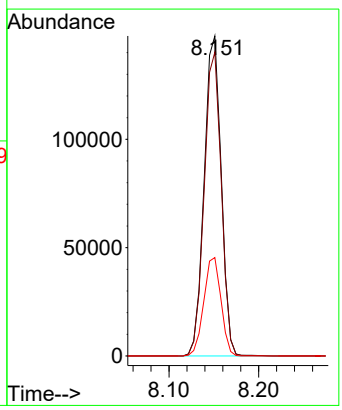
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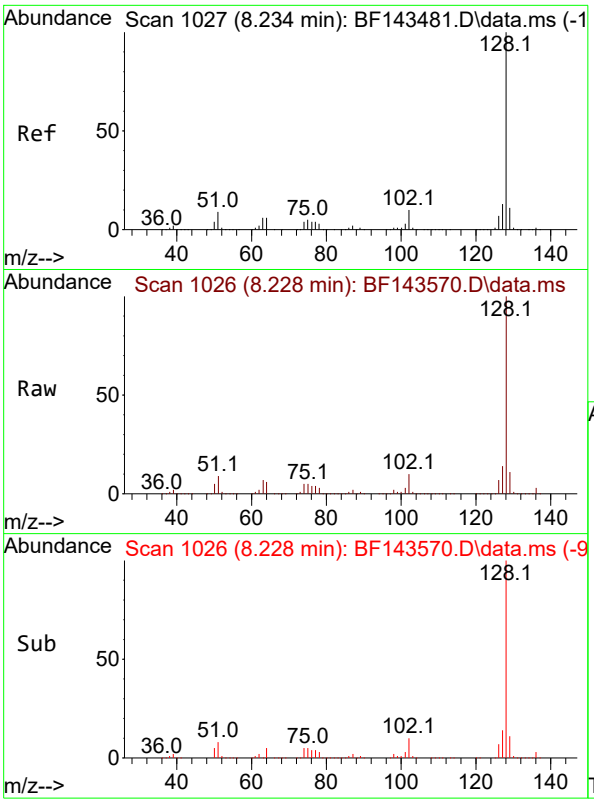


#30
1,2,4-Trichlorobenzene
Concen: 30.958 ng
RT: 8.151 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:180 Resp: 194772

Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.6	114.8
145	30.7	24.3	36.5

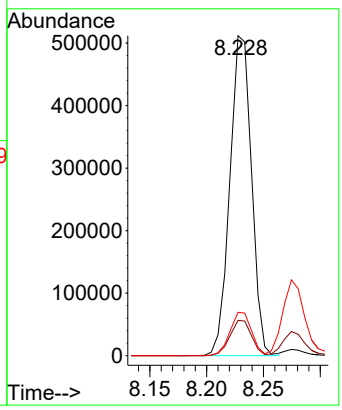




#31
Naphthalene
Concen: 33.257 ng
RT: 8.228 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:128 Resp: 67926

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.6	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

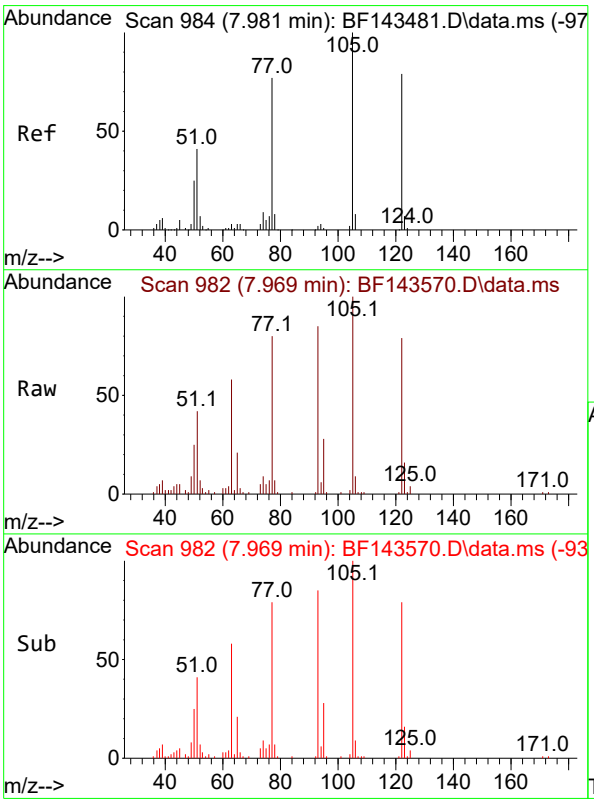
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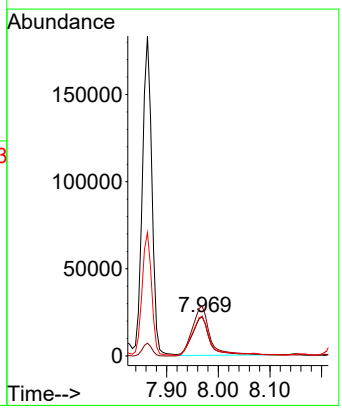
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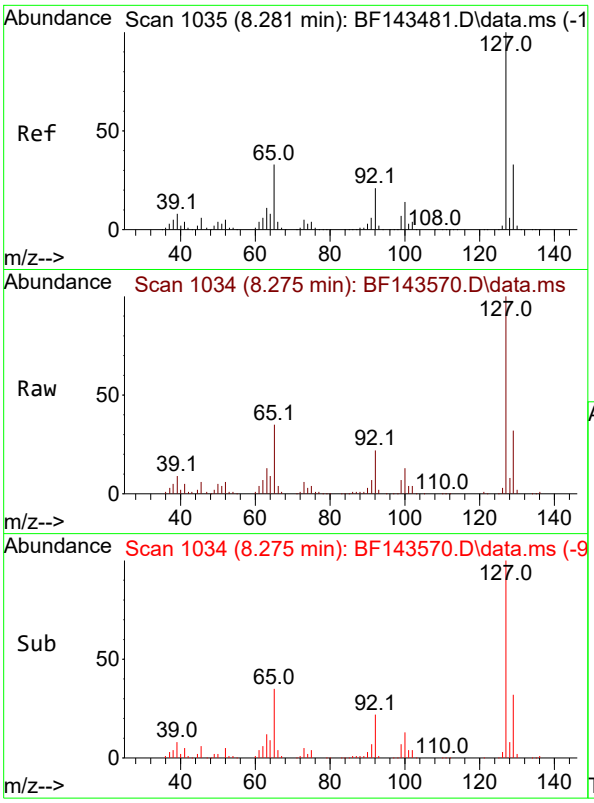


#32
Benzoic acid
Concen: 19.769 ng
RT: 7.969 min Scan# 982
Delta R.T. -0.041 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:122 Resp: 52382

Ion	Ratio	Lower	Upper
122	100		
105	127.3	104.7	144.7
77	101.5	77.3	117.3

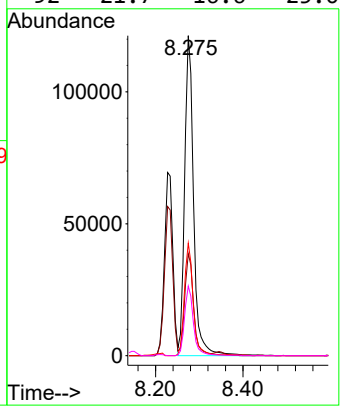




#33
4-Chloroaniline
Concen: 23.698 ng
RT: 8.275 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:127 Resp: 17179

Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.1	39.1
65	35.2	26.2	39.2
92	21.7	16.6	25.0



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

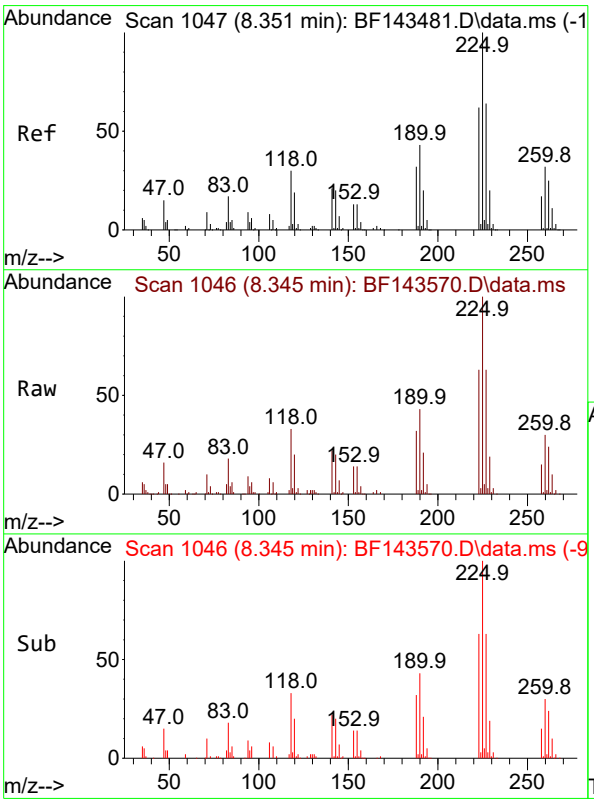
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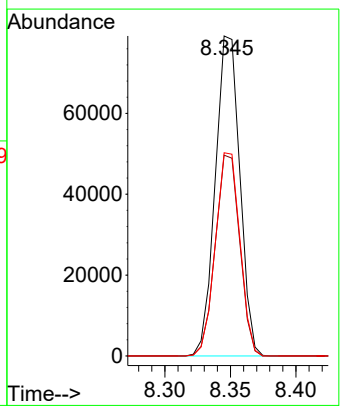
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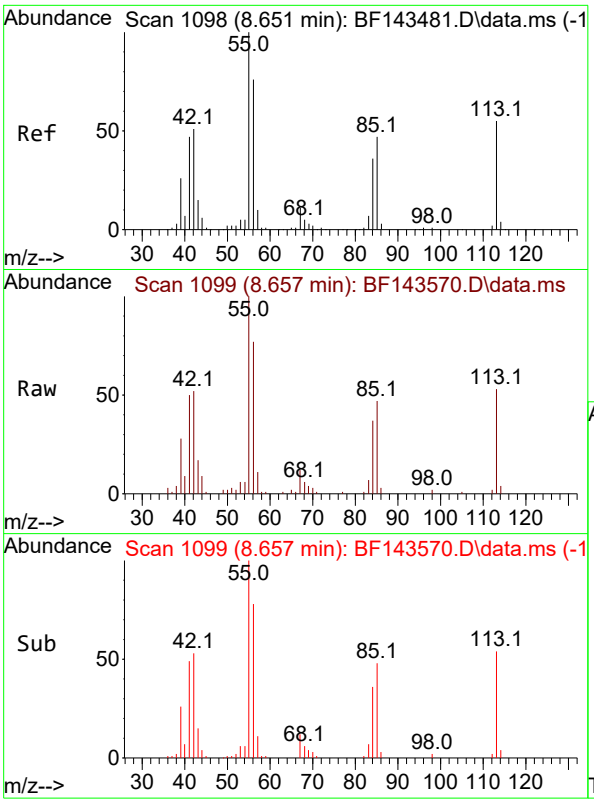


#34
Hexachlorobutadiene
Concen: 25.083 ng
RT: 8.345 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:225 Resp: 102959

Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.9	74.9
227	63.5	50.9	76.3

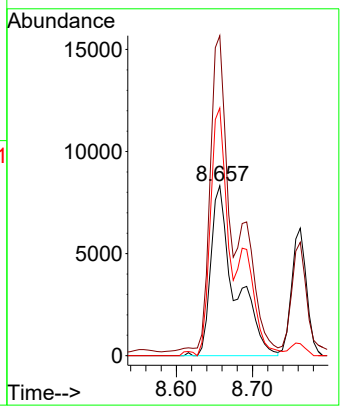




#35
Caprolactam
Concen: 12.541 ng m
RT: 8.657 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:113 Resp: 1841

Ion	Ratio	Lower	Upper
113	100		
55	188.3	162.8	202.8
56	145.8	118.1	158.1



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

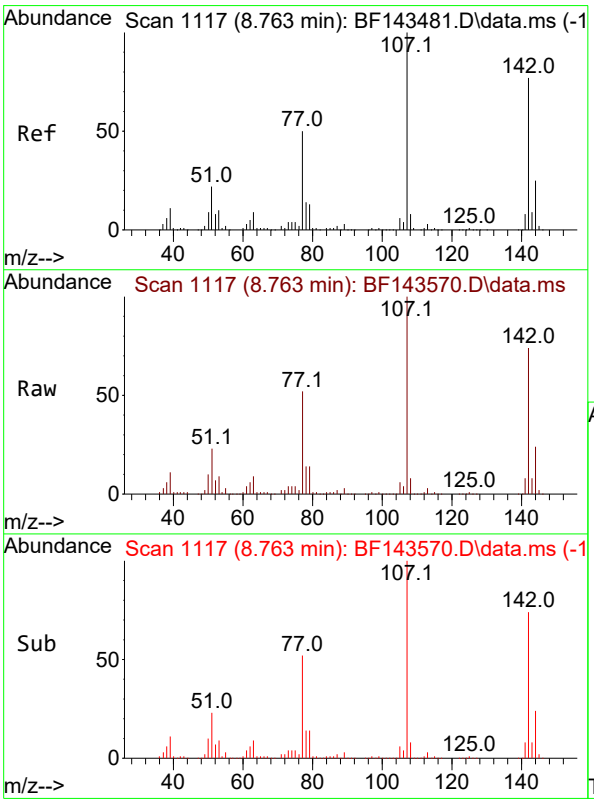
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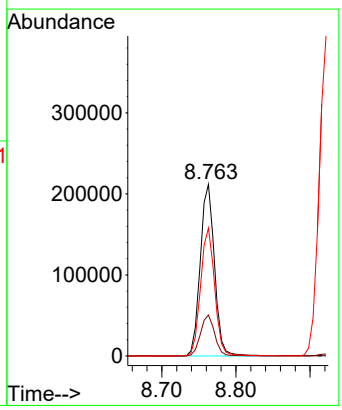
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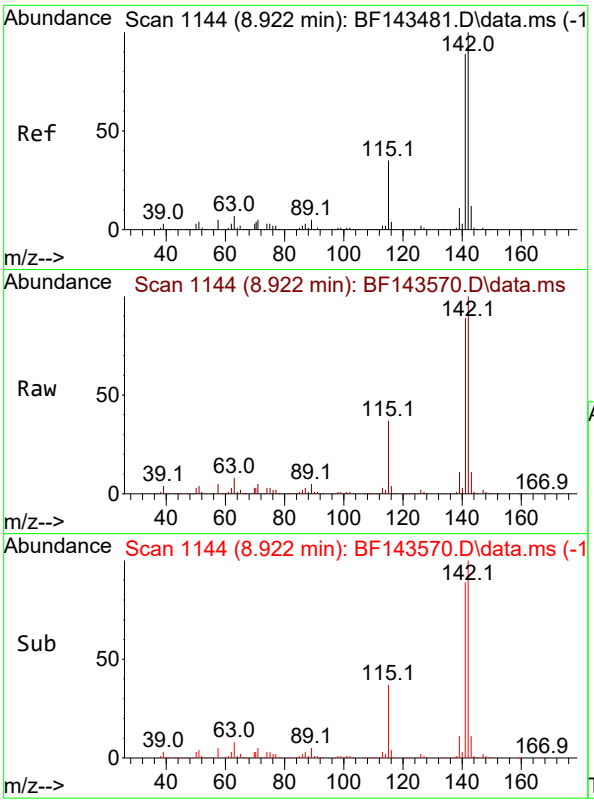


#36
4-Chloro-3-methylphenol
Concen: 46.052 ng
RT: 8.763 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:107 Resp: 282408

Ion	Ratio	Lower	Upper
107	100		
144	23.9	19.9	29.9
142	74.5	61.8	92.8

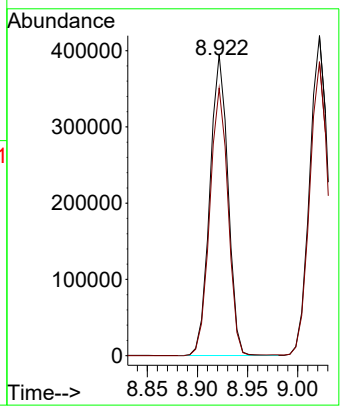




#37
2-Methylnaphthalene
Concen: 36.450 ng
RT: 8.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:142 Resp: 49722

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.4



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

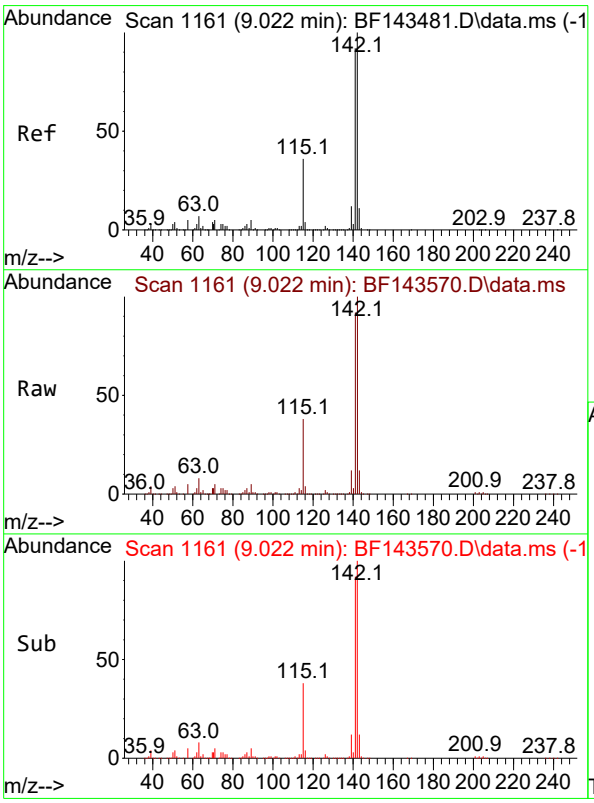
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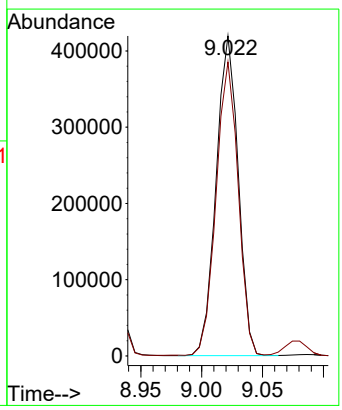
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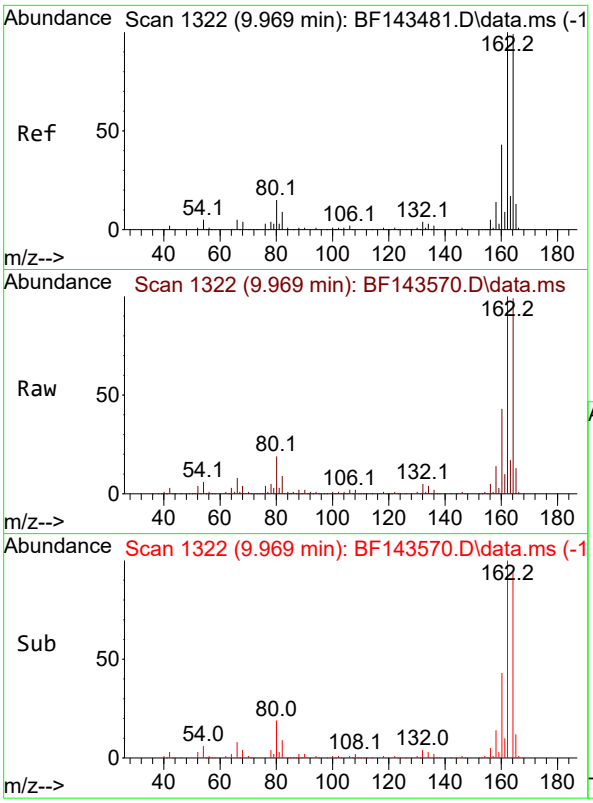


#38
1-Methylnaphthalene
Concen: 40.544 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:142 Resp: 529045

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.3	109.9

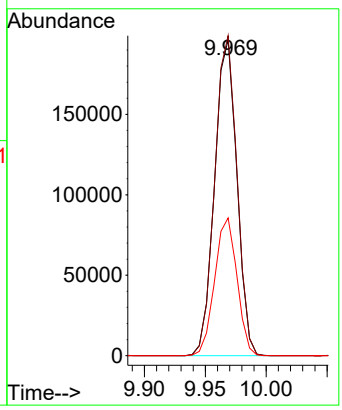




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:164 Resp: 24978

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.5	120.7
160	43.6	34.3	51.5



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

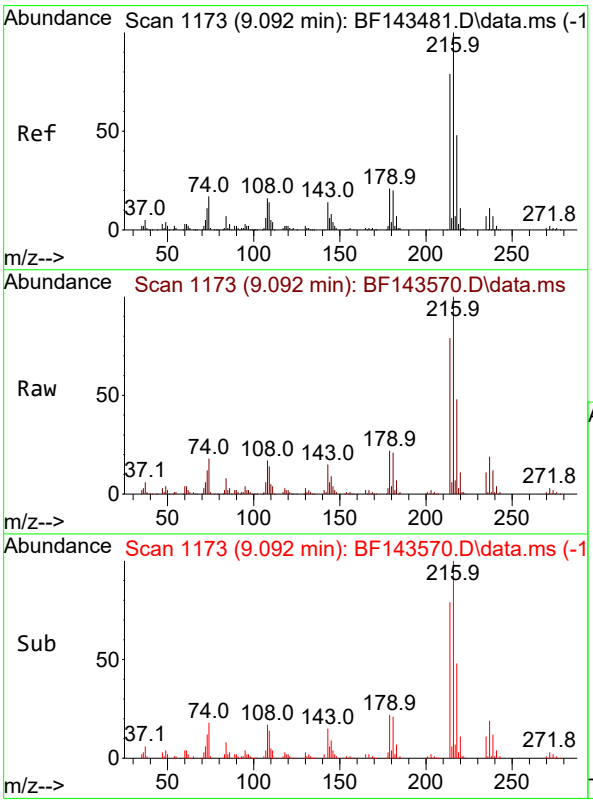
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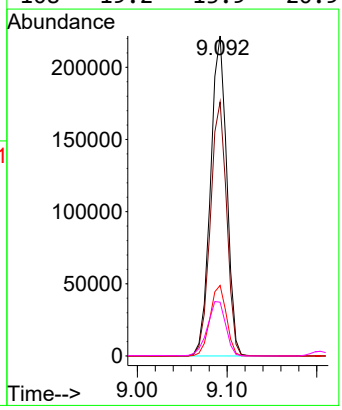
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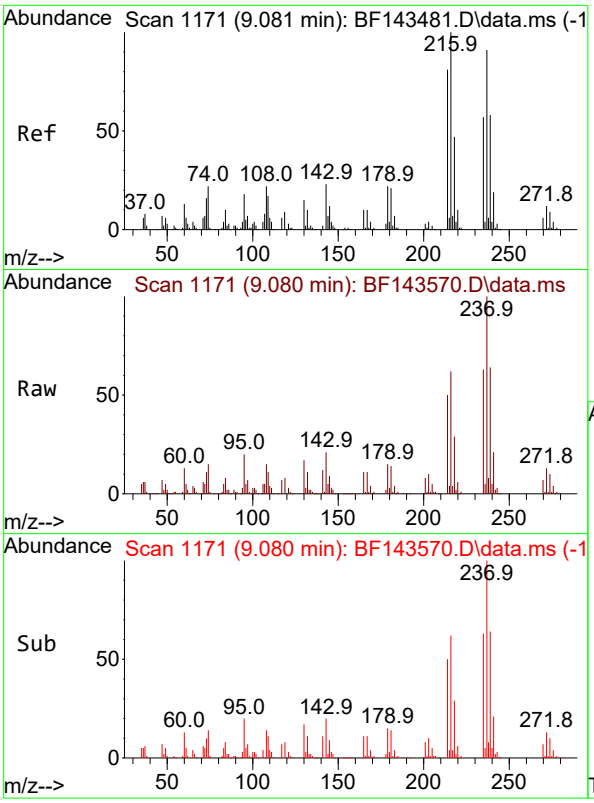


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.001 ng
RT: 9.092 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:216 Resp: 278651

Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.4	95.0
179	22.2	16.5	24.7
108	19.2	13.9	20.9

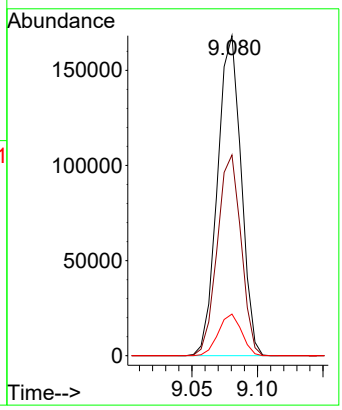




#41
Hexachlorocyclopentadiene
Concen: 76.209 ng
RT: 9.080 min Scan# 1
Delta R.T. -0.001 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:237 Resp: 21063

Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.6	82.6
272	13.0	0.0	33.4



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

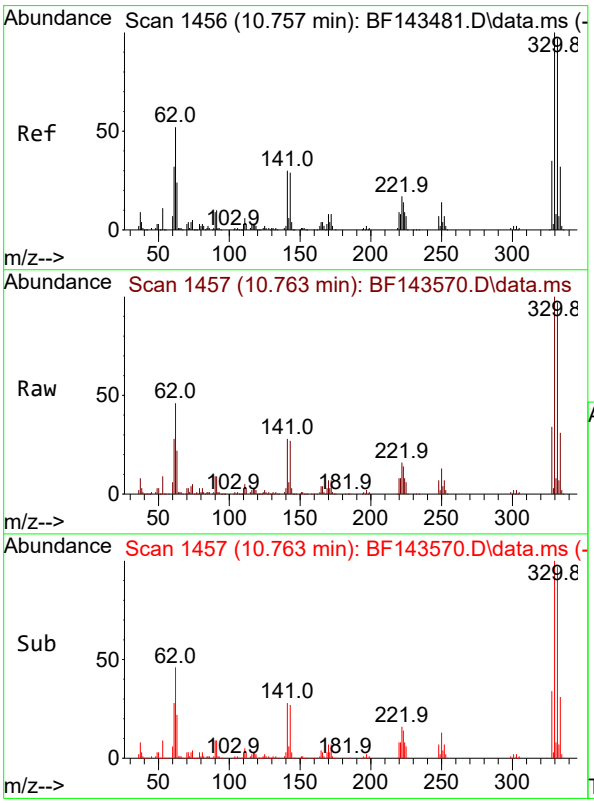
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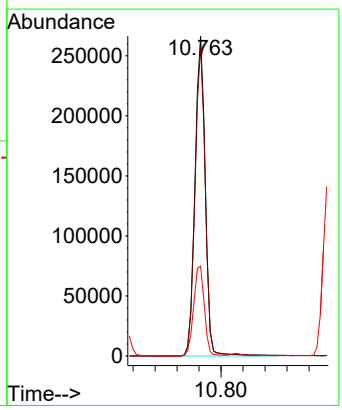
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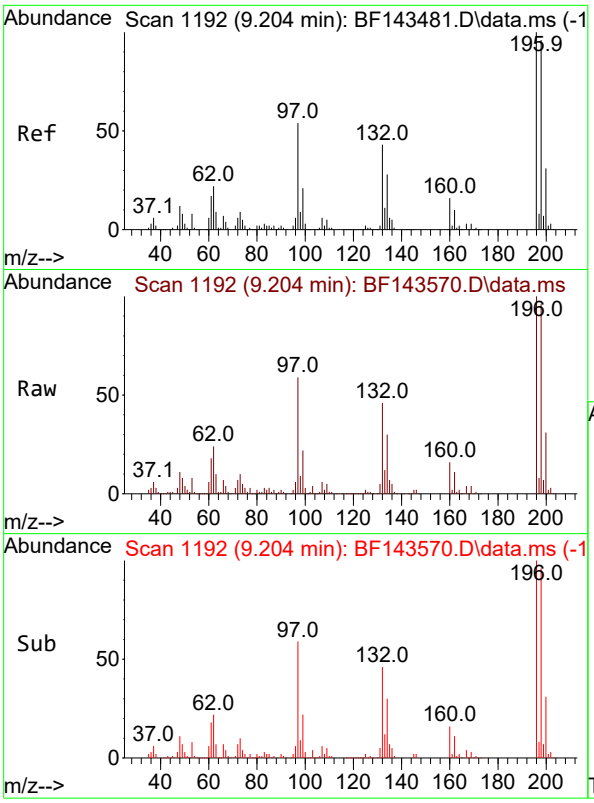


#42
2,4,6-Tribromophenol
Concen: 149.010 ng
RT: 10.763 min Scan# 1457
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:330 Resp: 346463

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.0	117.0
141	29.4	23.7	35.5

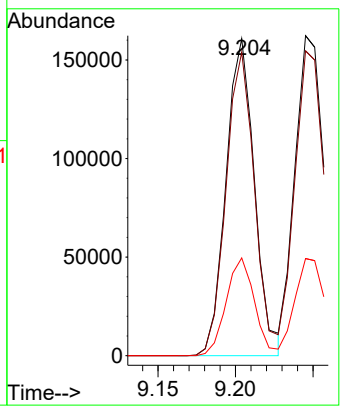




#43
2,4,6-Trichlorophenol
Concen: 46.777 ng
RT: 9.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:196 Resp: 20564

Ion	Ratio	Lower	Upper
196	100		
198	95.8	77.0	115.4
200	30.8	24.6	37.0



Instrument :
BNA_F
ClientSampleId :
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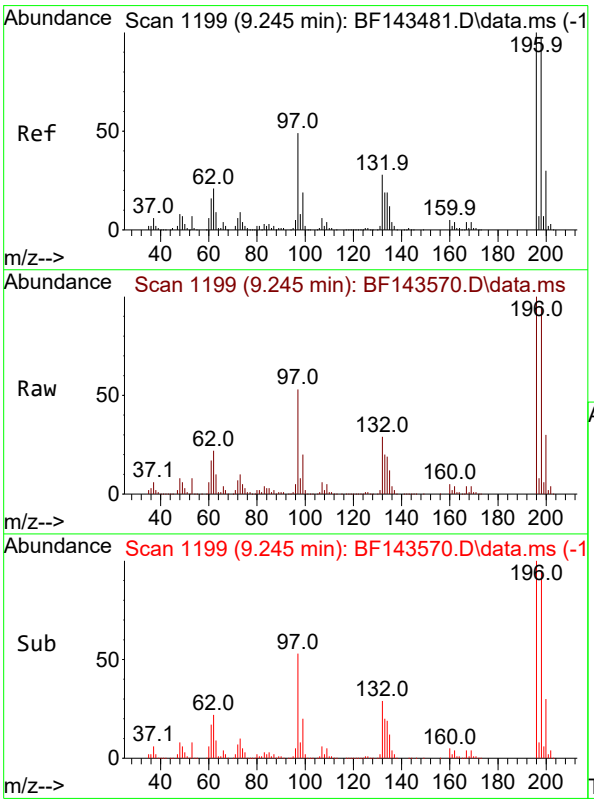
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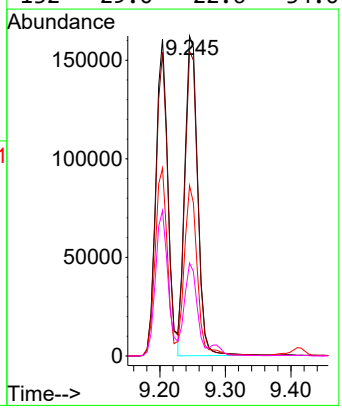
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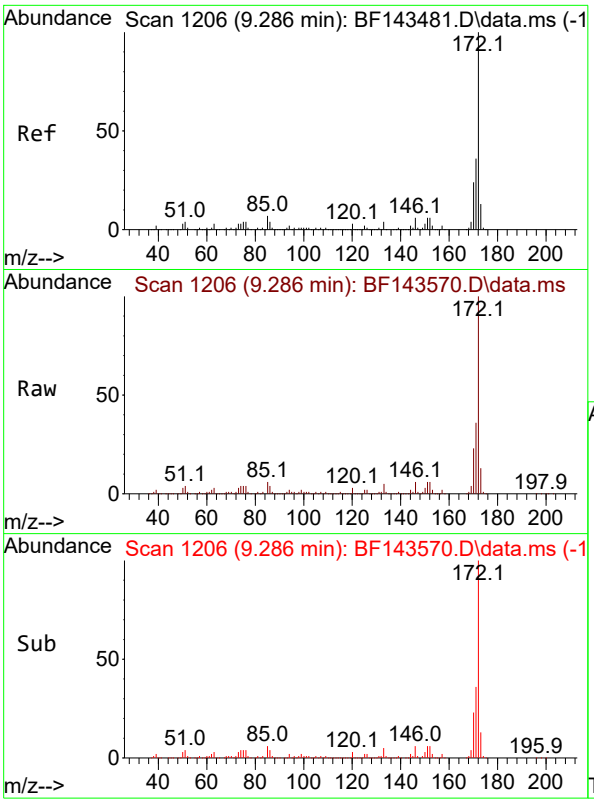


#44
2,4,5-Trichlorophenol
Concen: 45.929 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:196 Resp: 220559

Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.3	115.9
97	53.3	40.0	60.0
132	29.0	22.6	34.0

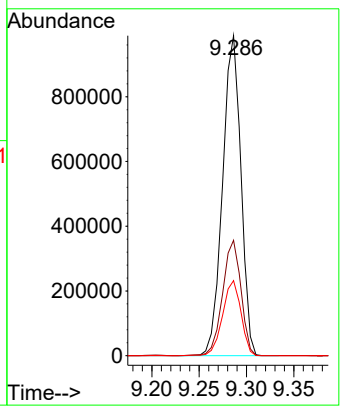




#45
2-Fluorobiphenyl
Concen: 88.111 ng
RT: 9.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:172 Resp: 133168

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.8	43.2
170	23.5	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
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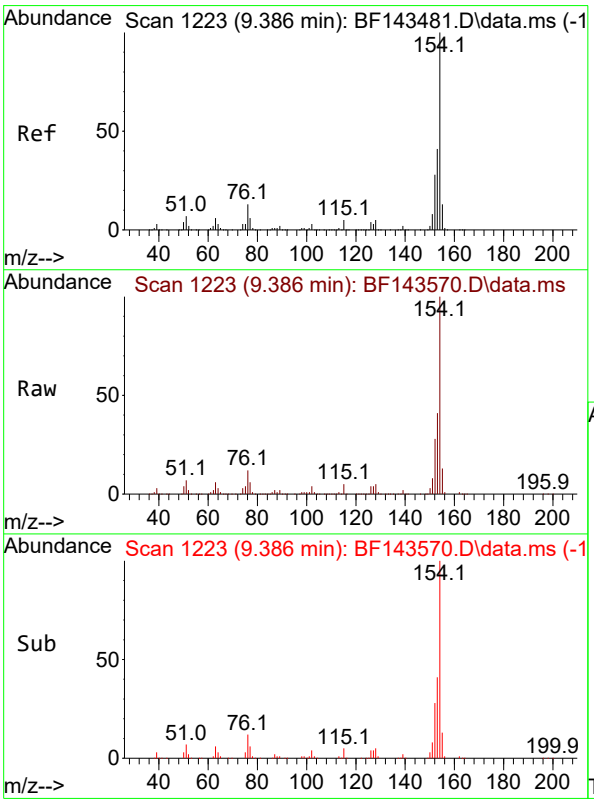
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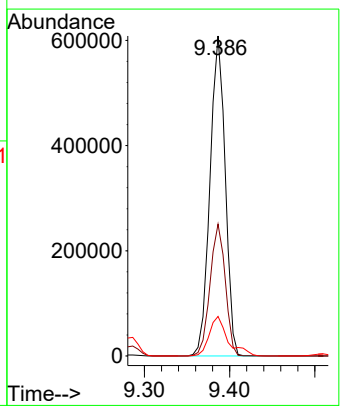
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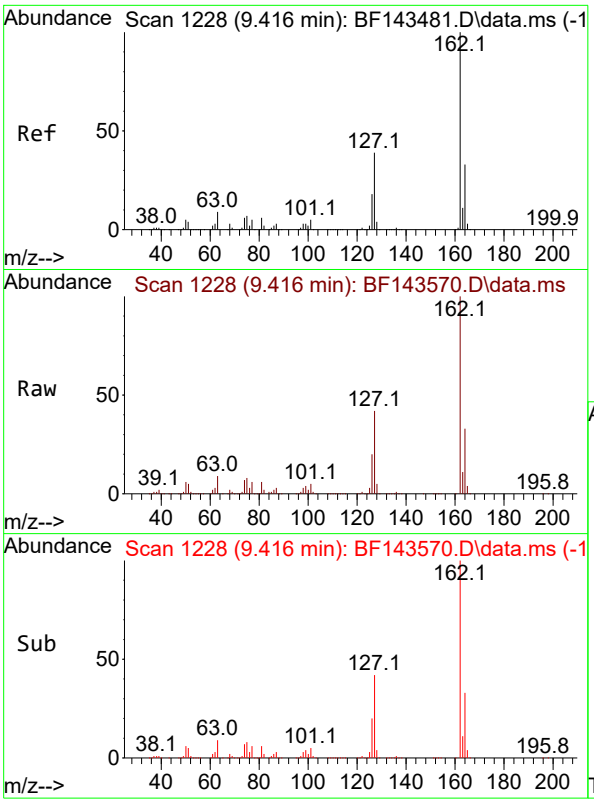


#46
1,1'-Biphenyl
Concen: 42.635 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:154 Resp: 755879

Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.6	60.6
76	12.3	0.0	33.0

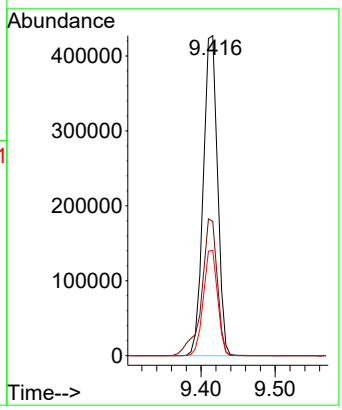




#47
2-Chloronaphthalene
Concen: 41.192 ng
RT: 9.416 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:162 Resp: 57300

Ion	Ratio	Lower	Upper
162	100		
127	42.0	31.8	47.6
164	32.9	26.4	39.6



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

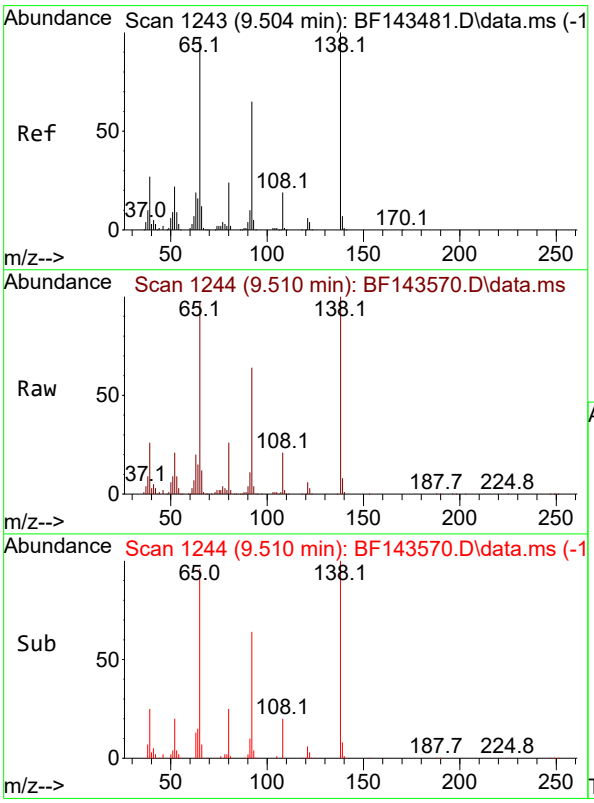
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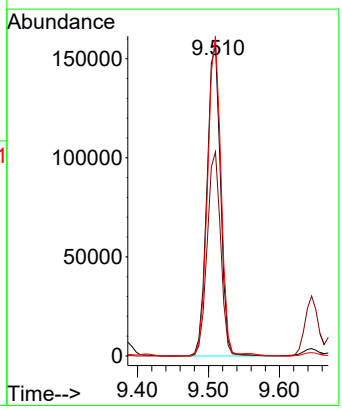
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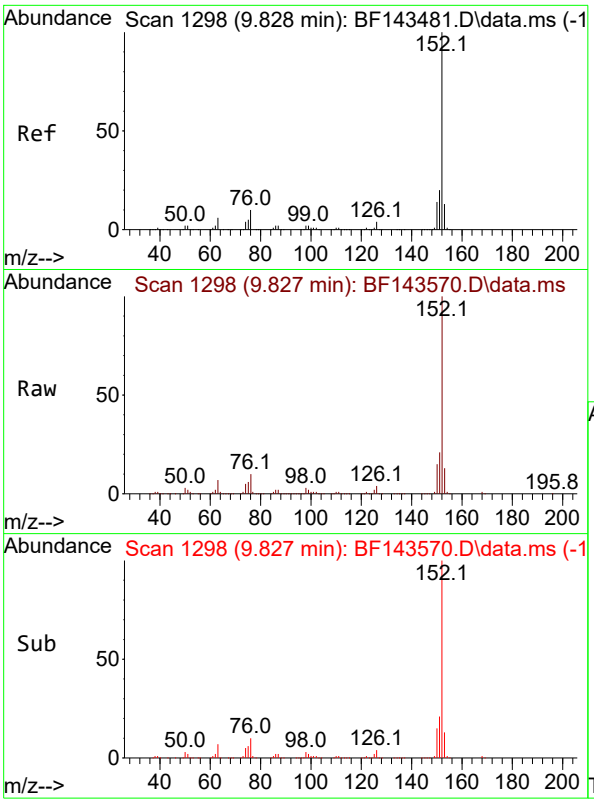


#48
2-Nitroaniline
Concen: 51.293 ng
RT: 9.510 min Scan# 1244
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion: 65 Resp: 208819

Ion	Ratio	Lower	Upper
65	100		
92	65.7	53.8	80.6
138	103.0	82.4	123.6

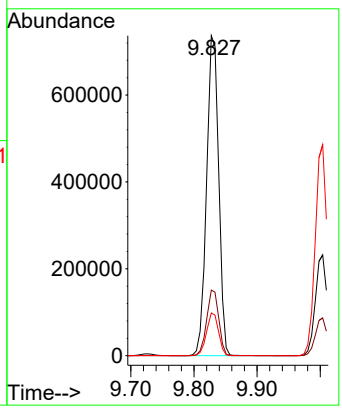




#49
Acenaphthylene
Concen: 49.135 ng
RT: 9.827 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:152 Resp: 97866

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4
153	13.4	10.6	15.8



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

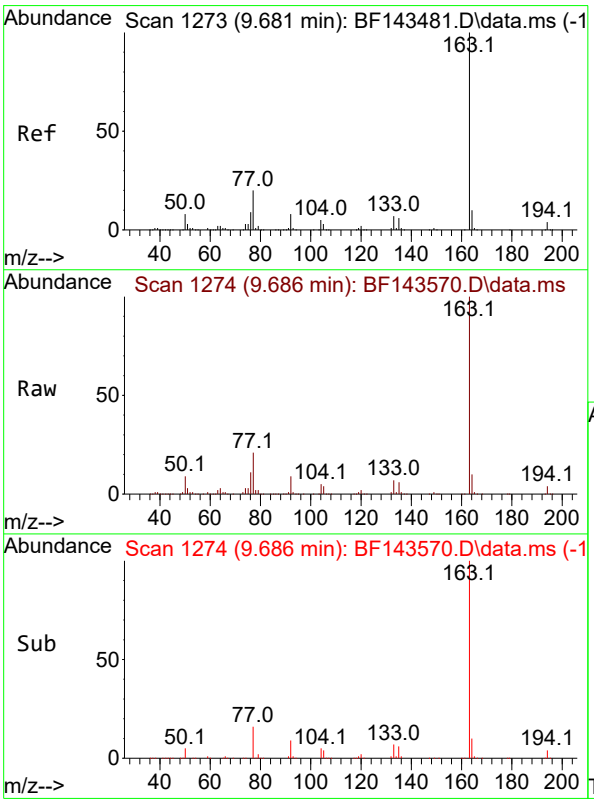
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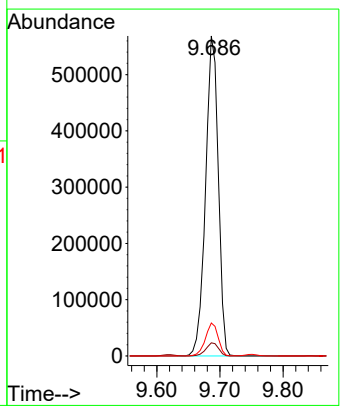
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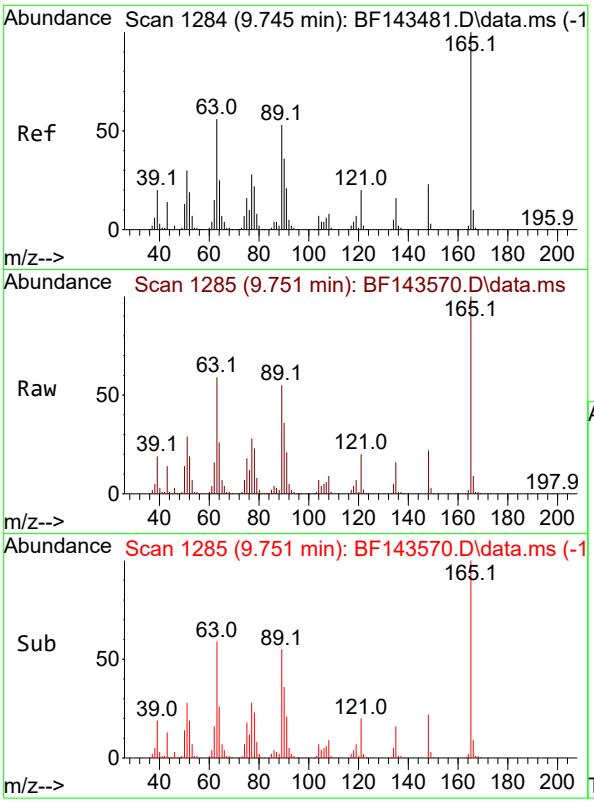


#50
Dimethylphthalate
Concen: 52.856 ng
RT: 9.686 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:163 Resp: 795145

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.3	8.2	12.2

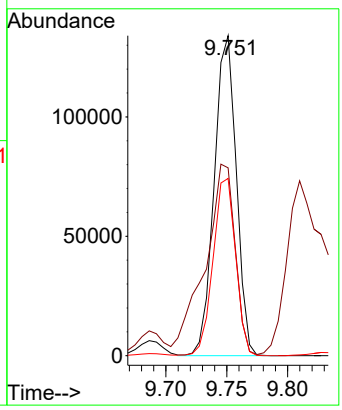




#51
2,6-Dinitrotoluene
Concen: 54.229 ng
RT: 9.751 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:165 Resp: 16908

Ion	Ratio	Lower	Upper
165	100		
63	58.7	45.0	67.6
89	55.4	42.5	63.7



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

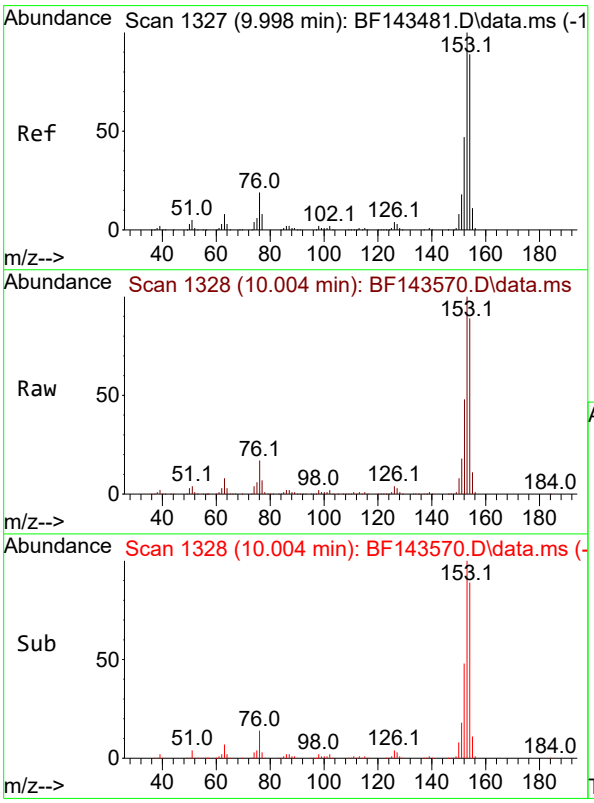
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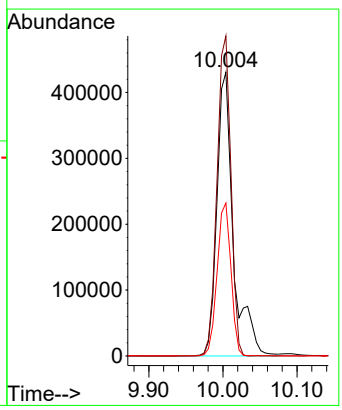
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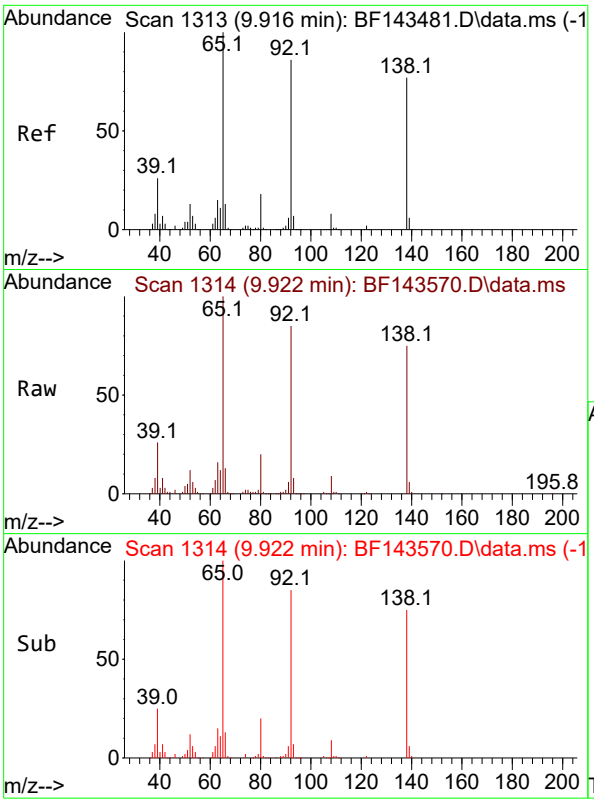


#52
Acenaphthene
Concen: 49.140 ng
RT: 10.004 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:154 Resp: 664543

Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.5	134.3
152	53.9	42.5	63.7

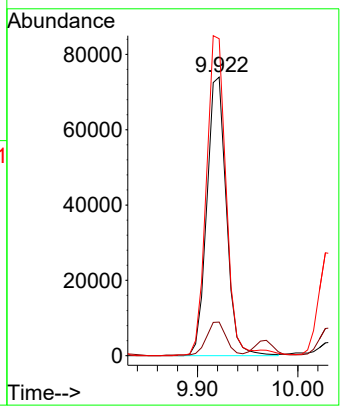




#53
3-Nitroaniline
Concen: 29.721 ng
RT: 9.922 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:138 Resp: 10013

Ion	Ratio	Lower	Upper
138	100		
108	12.1	8.6	13.0
92	113.8	89.8	134.8



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

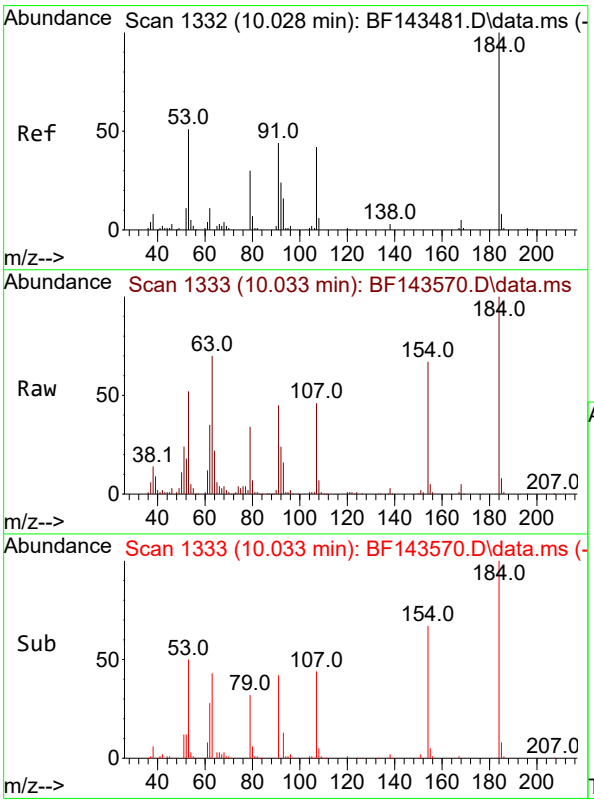
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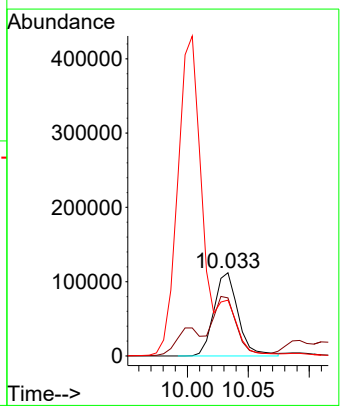
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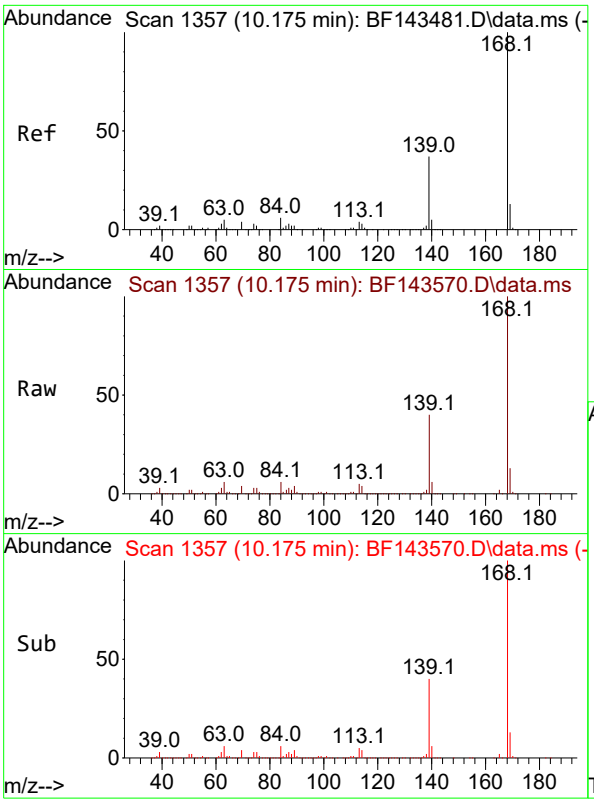


#54
2,4-Dinitrophenol
Concen: 92.177 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.005 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:184 Resp: 155133

Ion	Ratio	Lower	Upper
184	100		
63	69.8	52.6	78.8
154	67.2	51.0	76.4

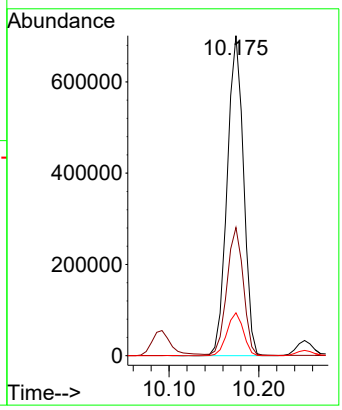




#55
Dibenzofuran
Concen: 45.965 ng
RT: 10.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:168 Resp: 88623

Ion	Ratio	Lower	Upper
168	100		
139	40.1	29.8	44.6
169	13.4	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

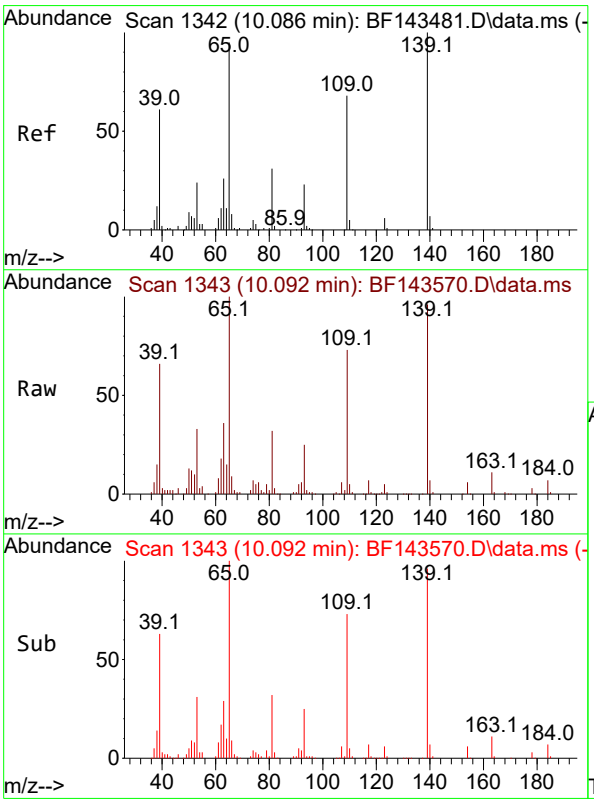
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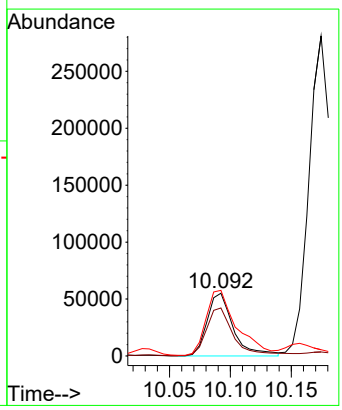
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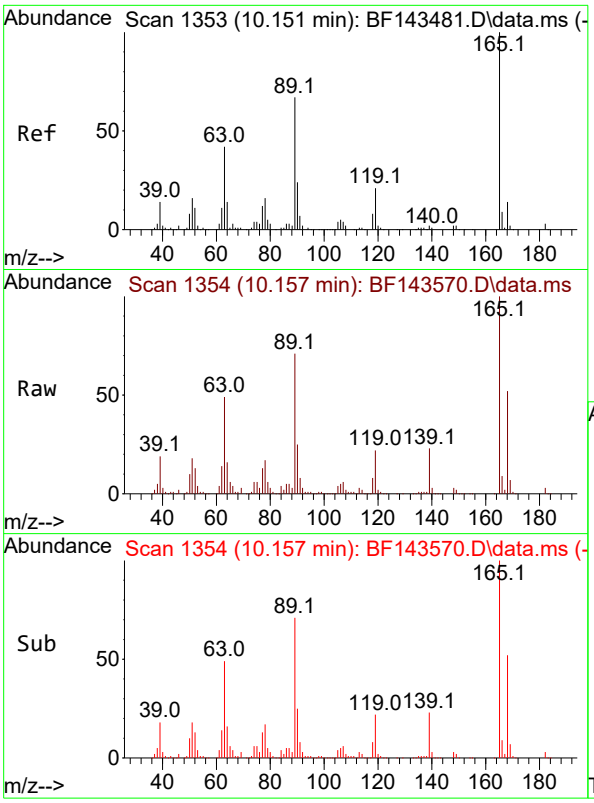


#56
4-Nitrophenol
Concen: 41.283 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:139 Resp: 82755

Ion	Ratio	Lower	Upper
139	100		
109	76.5	48.2	88.2
65	104.5	75.8	115.8

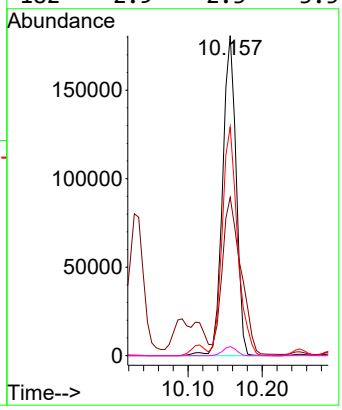




#57
2,4-Dinitrotoluene
Concen: 55.372 ng
RT: 10.157 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:165 Resp: 23052

Ion	Ratio	Lower	Upper
165	100		
63	49.4	34.9	52.3
89	71.5	53.3	79.9
182	2.9	2.3	3.5



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

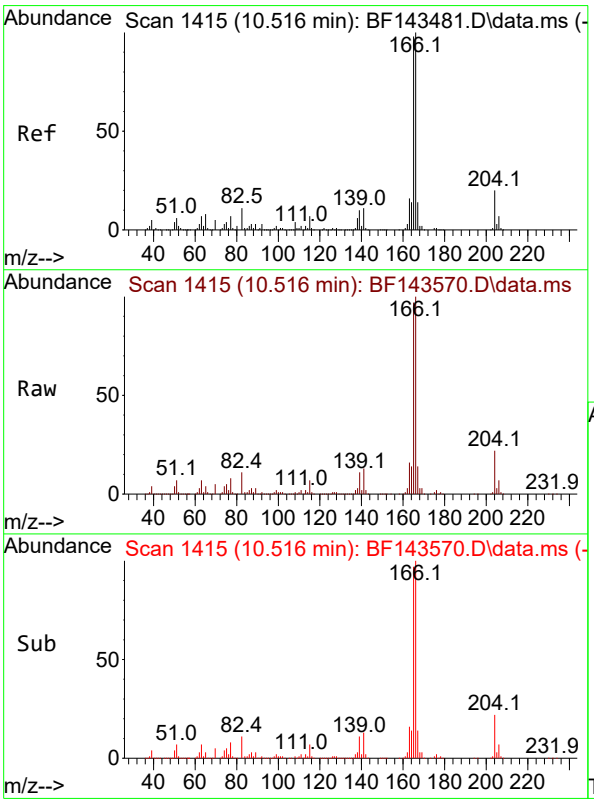
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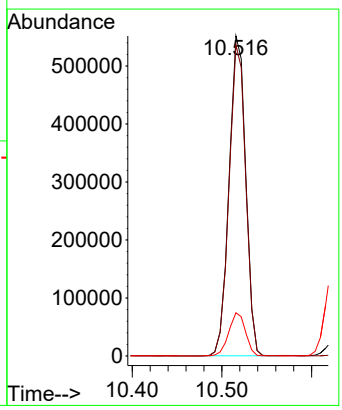
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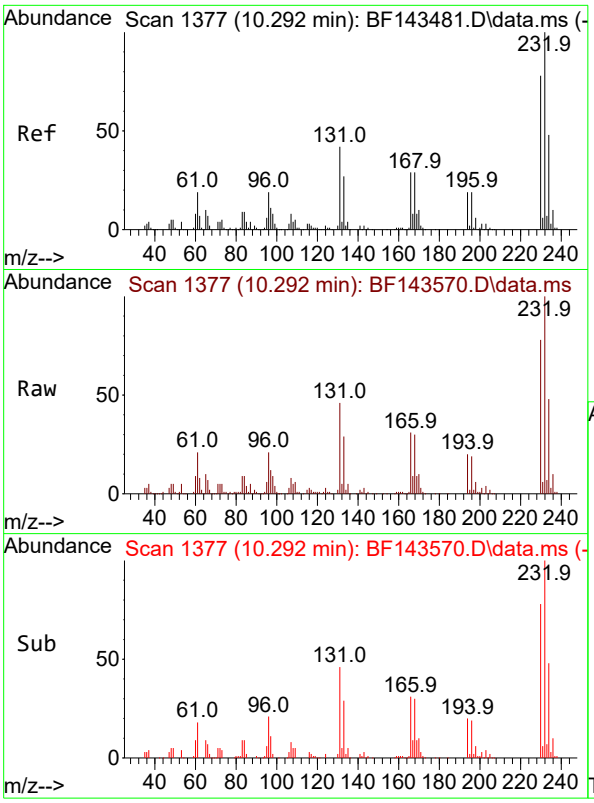


#58
Fluorene
Concen: 47.824 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:166 Resp: 709674

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.3	117.5
167	13.5	11.0	16.4

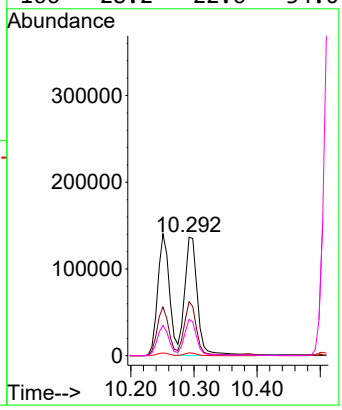




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.473 ng
RT: 10.292 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:232 Resp: 19077

Ion	Ratio	Lower	Upper
232	100		
131	43.5	32.7	49.1
130	2.3	1.6	2.4
166	28.2	22.6	34.0



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

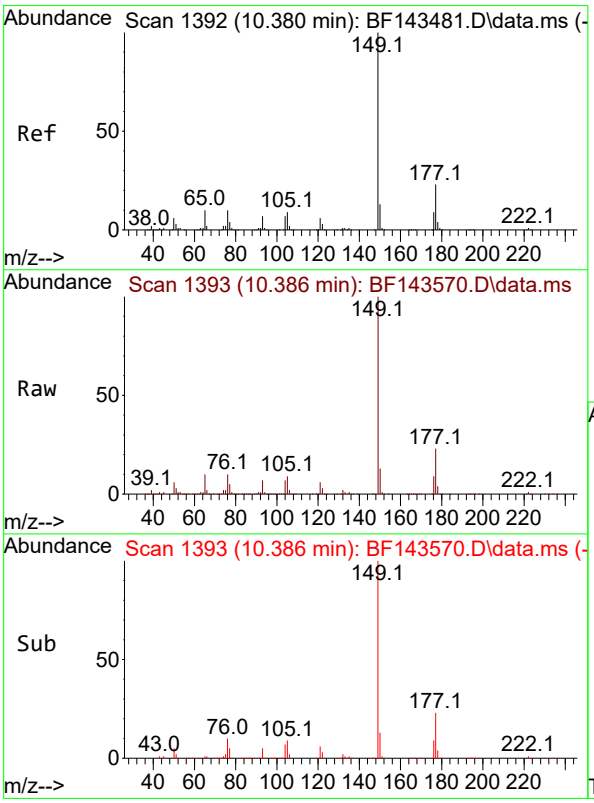
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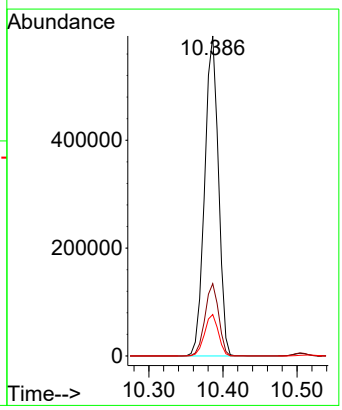
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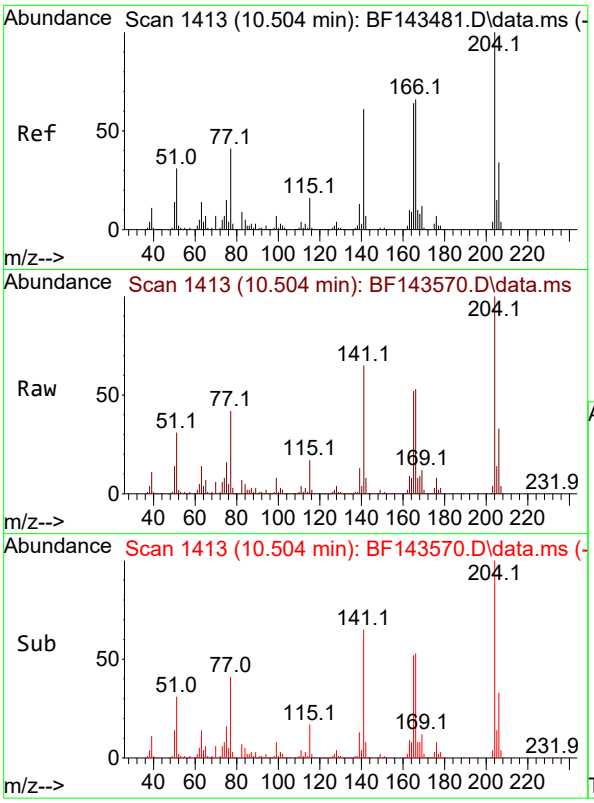


#60
Diethylphthalate
Concen: 56.826 ng
RT: 10.386 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:149 Resp: 766447

Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.3	27.5
150	12.9	10.3	15.5

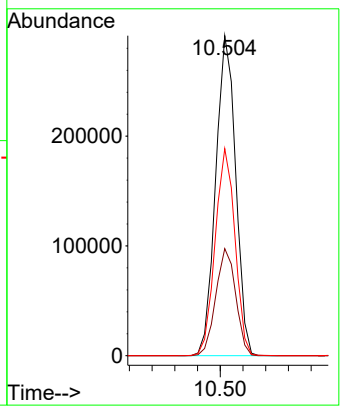




#61
4-Chlorophenyl-phenylether
Concen: 48.024 ng
RT: 10.504 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:204 Resp: 35640

Ion	Ratio	Lower	Upper
204	100		
206	33.4	27.0	40.4
141	64.7	48.7	73.1



Instrument :
BNA_F
ClientSampleId :
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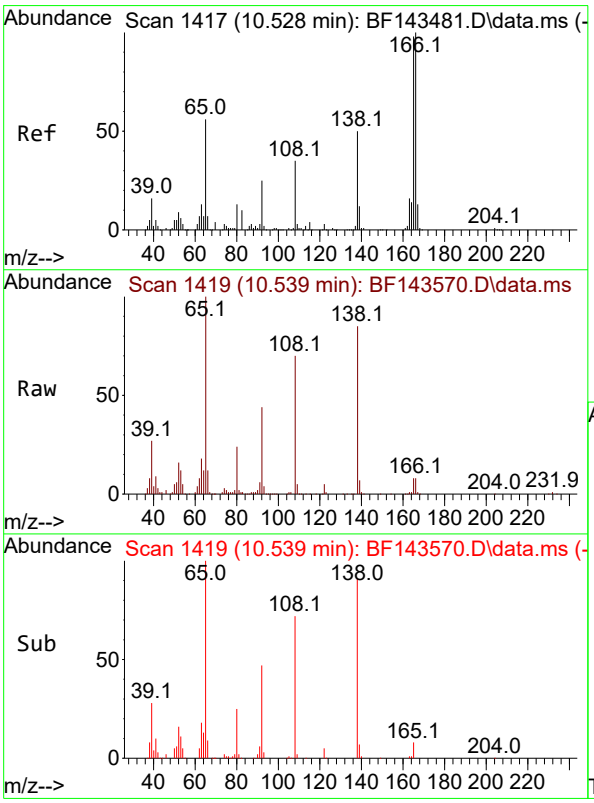
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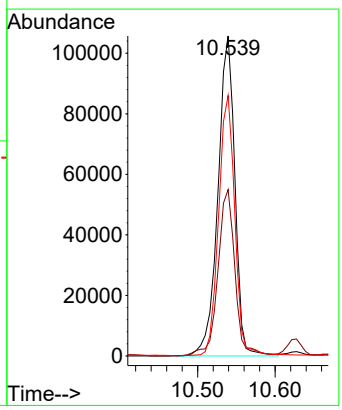
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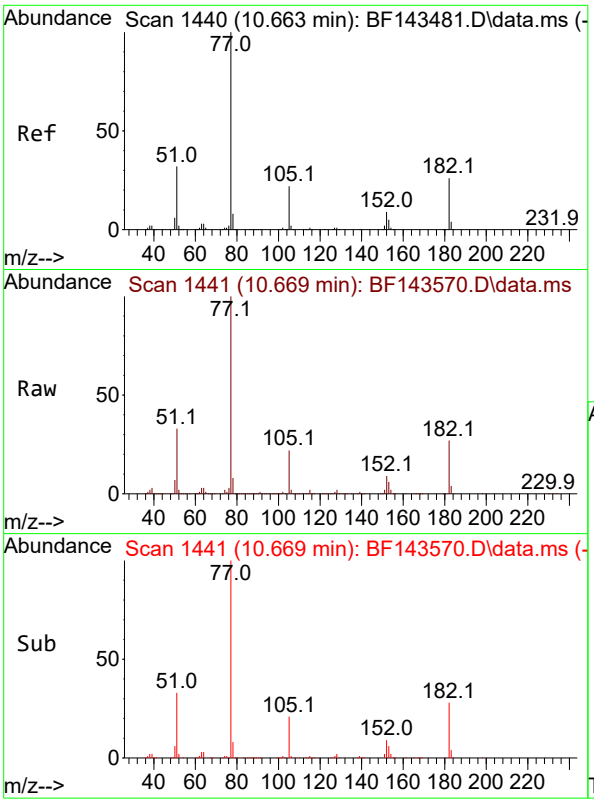


#62
4-Nitroaniline
Concen: 52.071 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:138 Resp: 161135

Ion	Ratio	Lower	Upper
138	100		
92	52.0	29.3	69.3
108	81.4	50.7	90.7

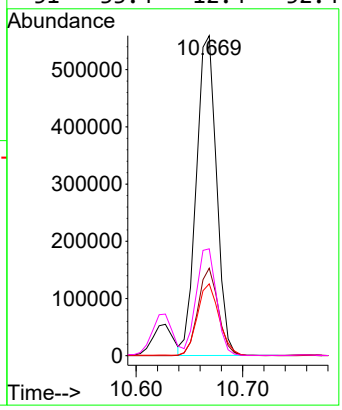




#63
Azobenzene
Concen: 52.753 ng
RT: 10.669 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion: 77 Resp: 737754

Ion	Ratio	Lower	Upper
77	100		
182	27.3	6.2	46.2
105	22.5	2.2	42.2
51	33.4	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
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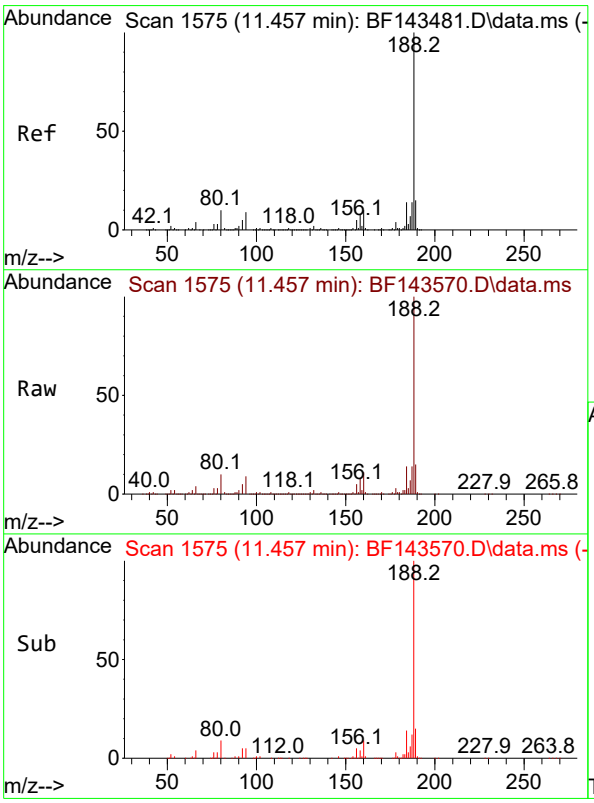
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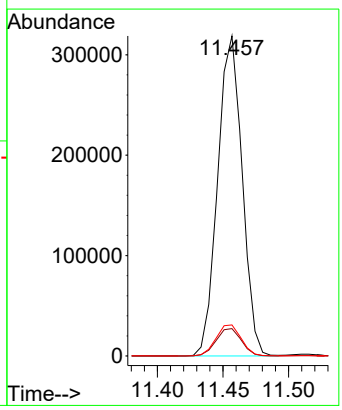
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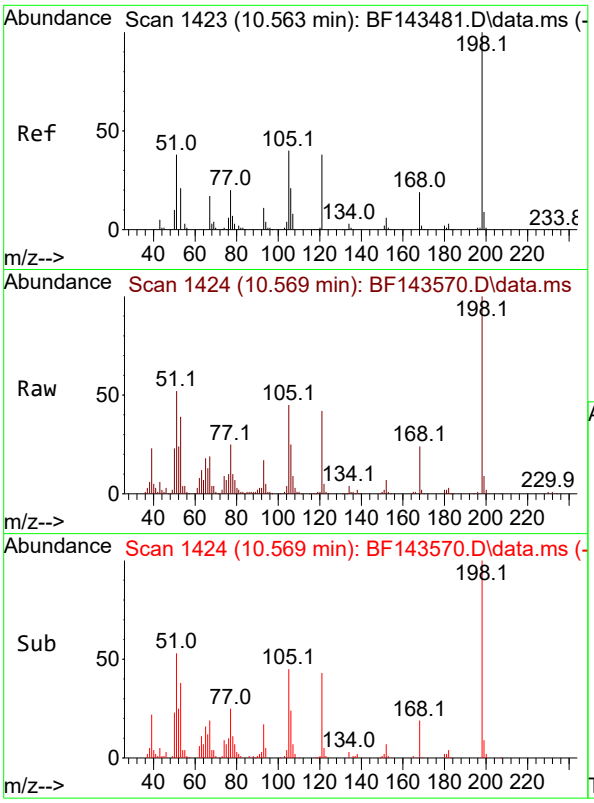


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:188 Resp: 414431

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.4	11.2
80	9.7	8.2	12.4

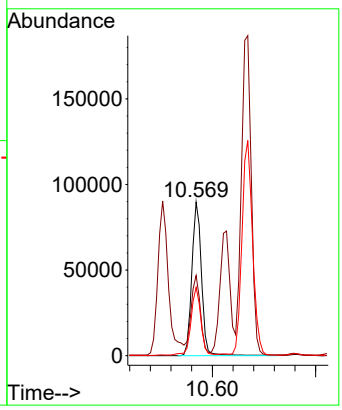




#65
4,6-Dinitro-2-methylphenol
Concen: 49.730 ng
RT: 10.569 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:198 Resp: 11620

Ion	Ratio	Lower	Upper
198	100		
51	52.2	29.6	69.6
105	44.5	21.5	61.5



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

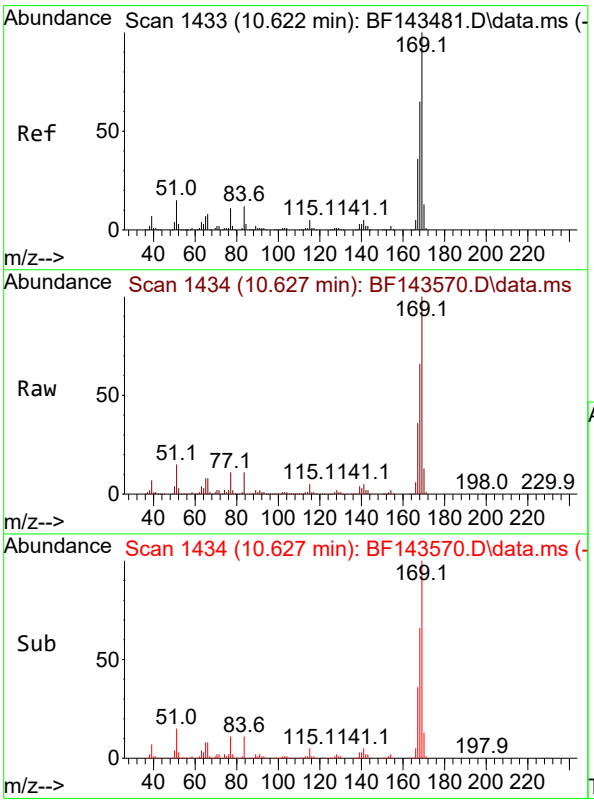
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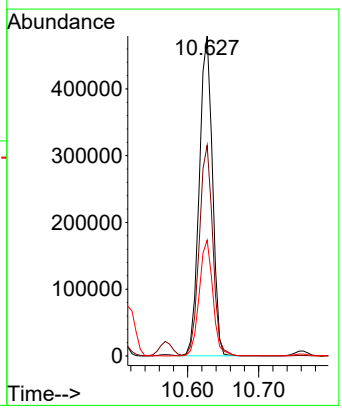
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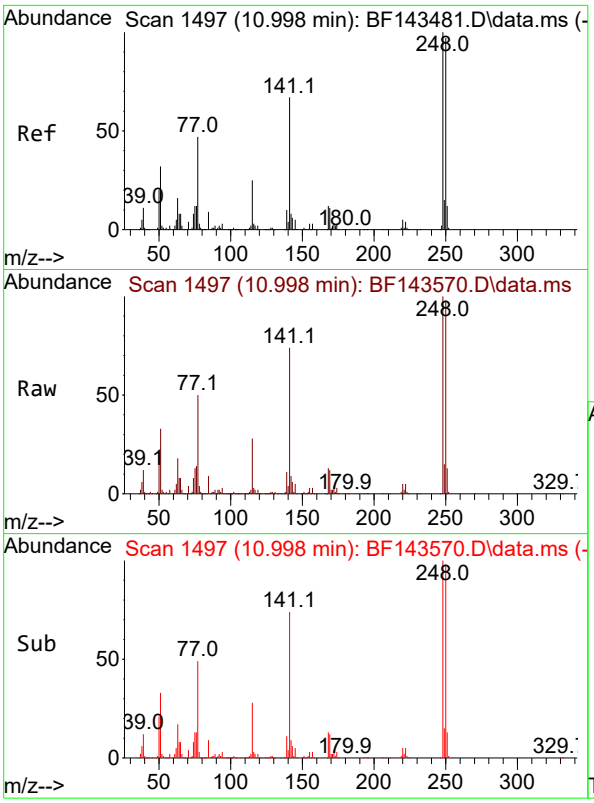


#66
n-Nitrosodiphenylamine
Concen: 46.405 ng
RT: 10.627 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:169 Resp: 618918

Ion	Ratio	Lower	Upper
169	100		
168	65.9	52.4	78.6
167	36.2	28.9	43.3

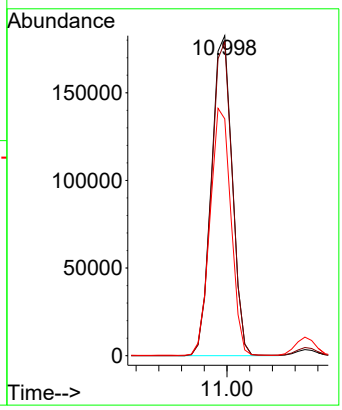




#67
4-Bromophenyl-phenylether
Concen: 47.157 ng
RT: 10.998 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:248 Resp: 23318

Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.8	116.8
141	74.0	54.0	81.0



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

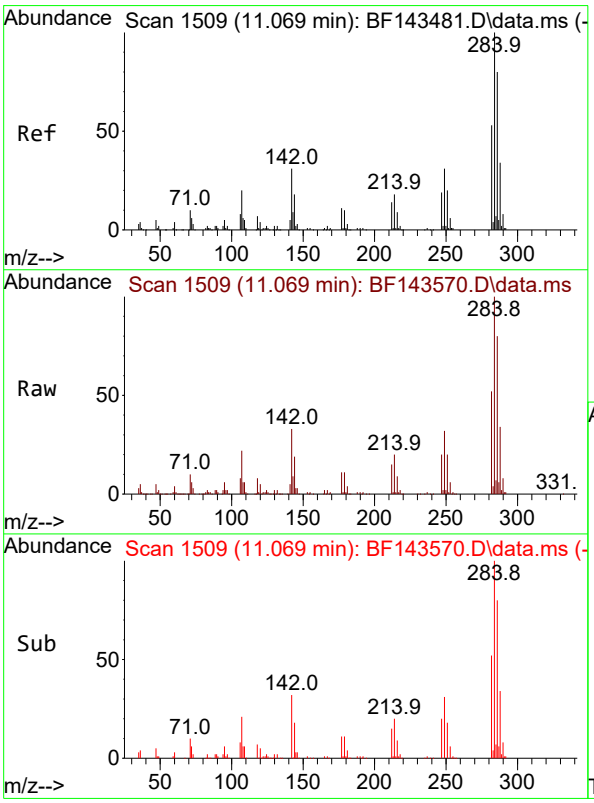
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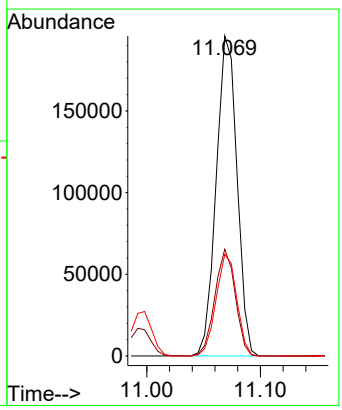
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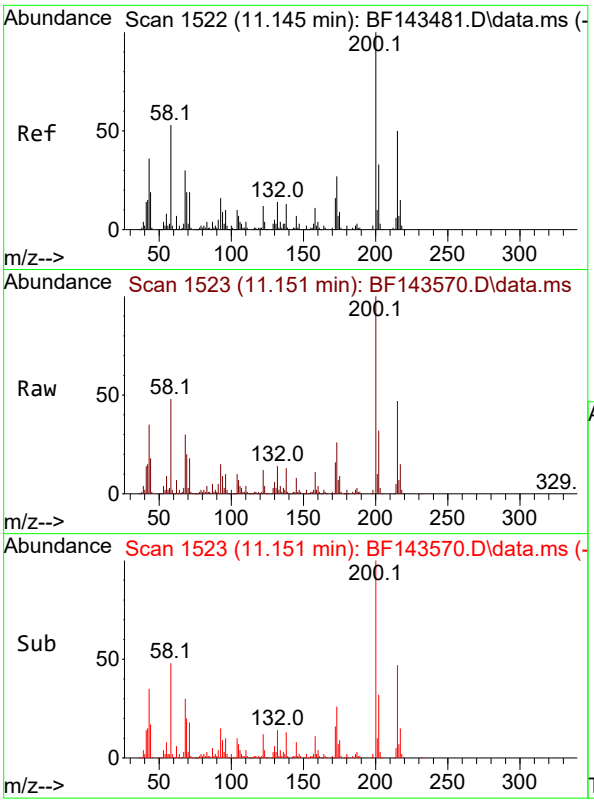


#68
Hexachlorobenzene
Concen: 46.842 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:284 Resp: 249672

Ion	Ratio	Lower	Upper
284	100		
142	33.3	24.4	36.6
249	31.7	25.0	37.6

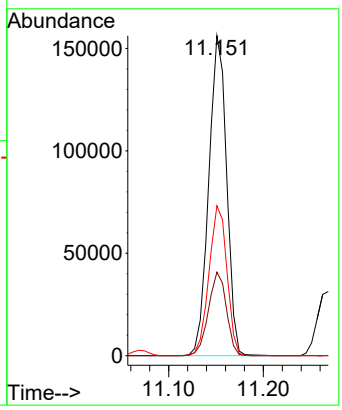




#69
Atrazine
Concen: 59.534 ng
RT: 11.151 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:200 Resp: 20496

Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.9	46.9
215	46.8	30.0	70.0



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

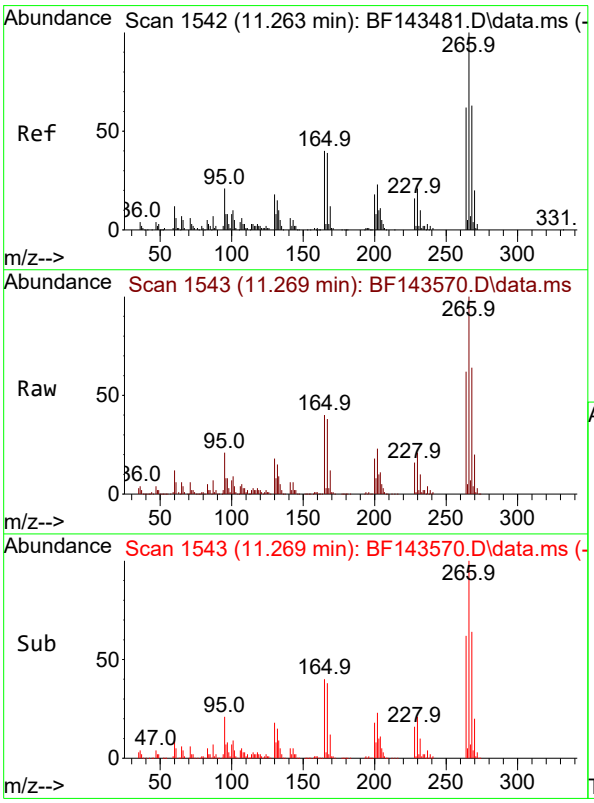
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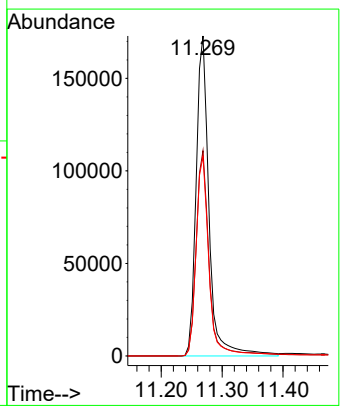
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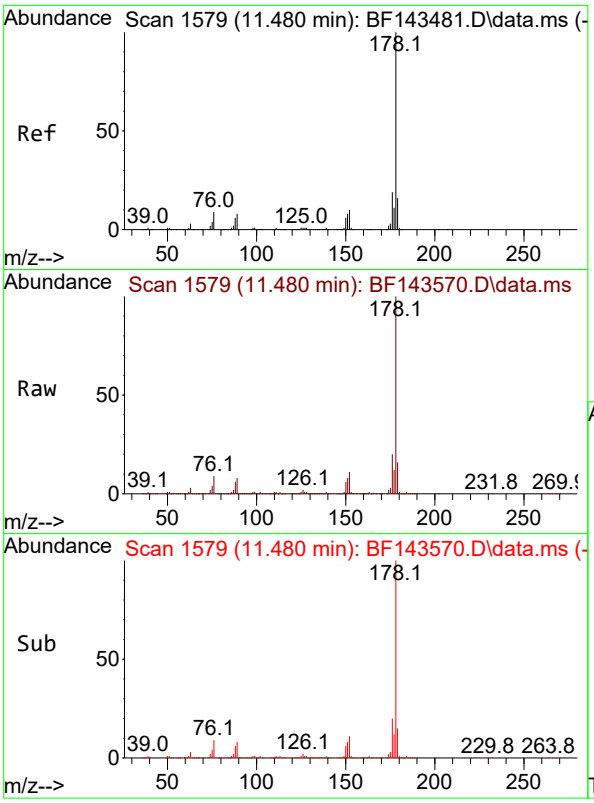


#70
Pentachlorophenol
Concen: 104.347 ng
RT: 11.269 min Scan# 1543
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:266 Resp: 254723

Ion	Ratio	Lower	Upper
266	100		
268	64.1	50.5	75.7
264	62.4	49.8	74.8

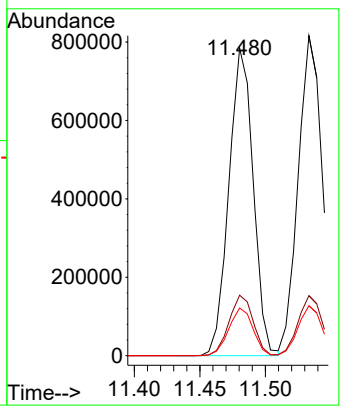




#71
Phenanthrene
Concen: 45.718 ng
RT: 11.480 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:178 Resp: 101464

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.5	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

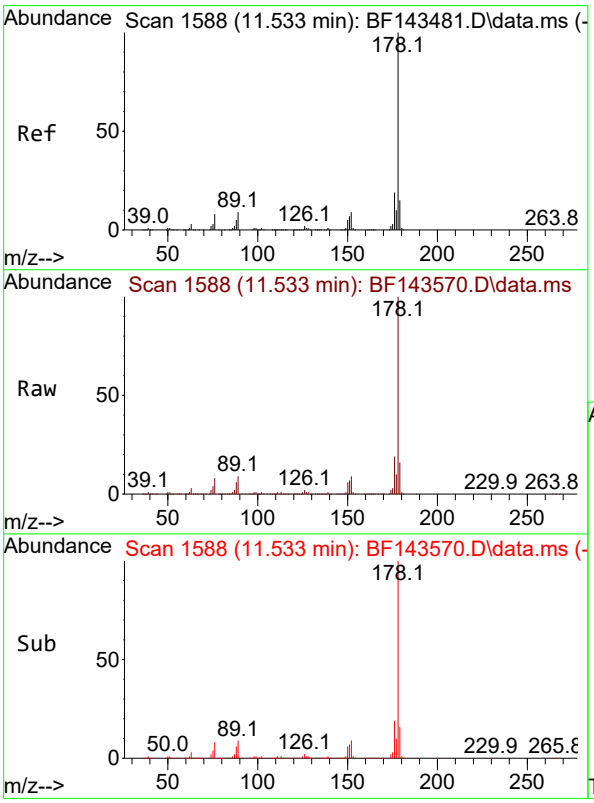
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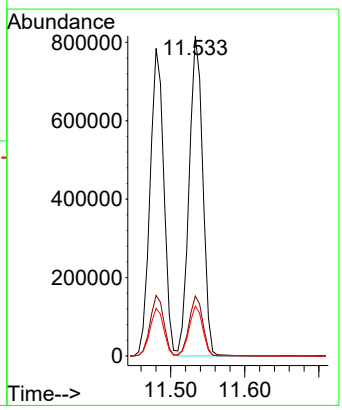
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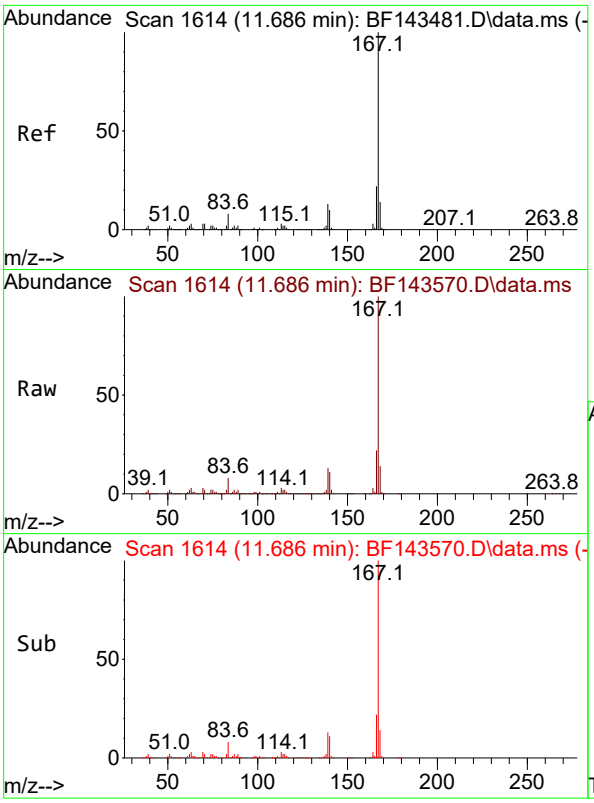


#72
Anthracene
Concen: 46.060 ng
RT: 11.533 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:178 Resp: 1035568

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.6	12.3	18.5

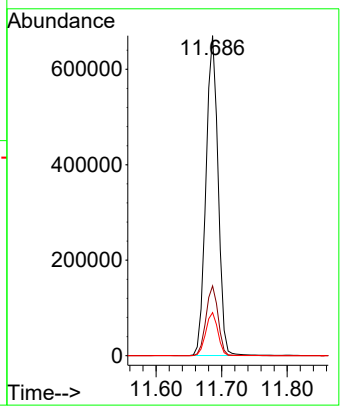




#73
Carbazole
Concen: 46.945 ng
RT: 11.686 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:167 Resp: 86483

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.3	25.9
139	13.5	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

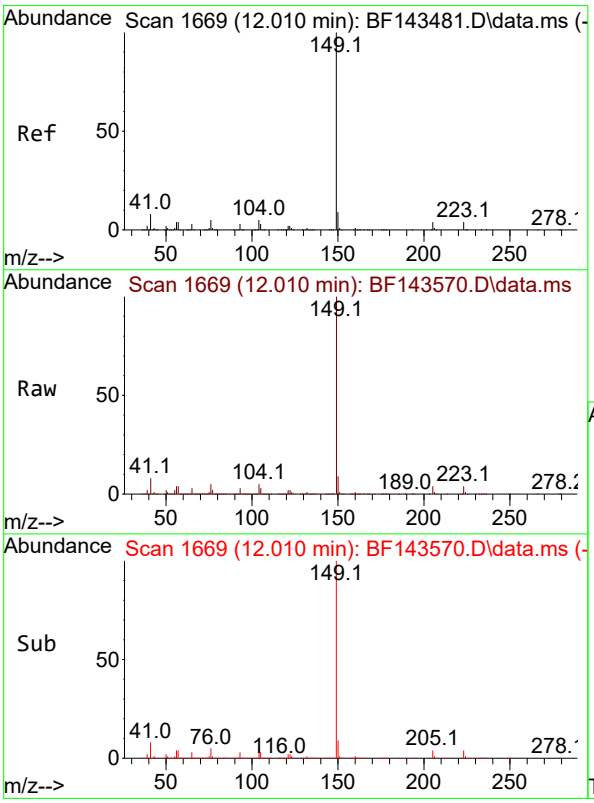
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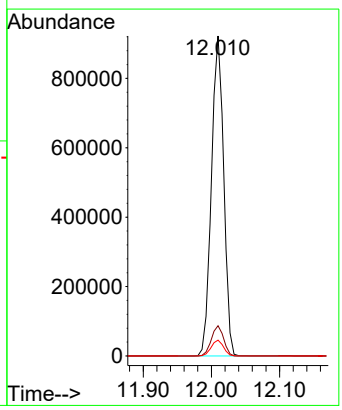
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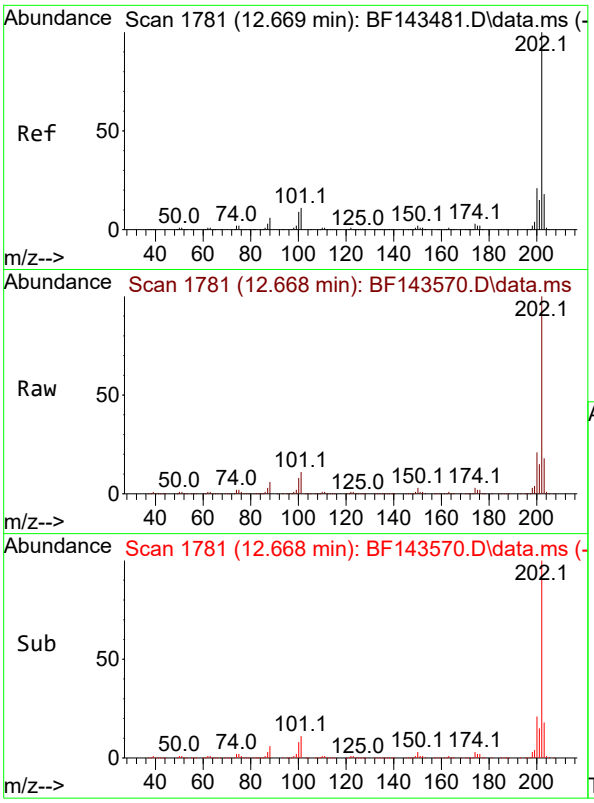


#74
Di-n-butylphthalate
Concen: 67.211 ng
RT: 12.010 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:149 Resp: 1155092

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.2	10.8
104	5.0	3.6	5.4

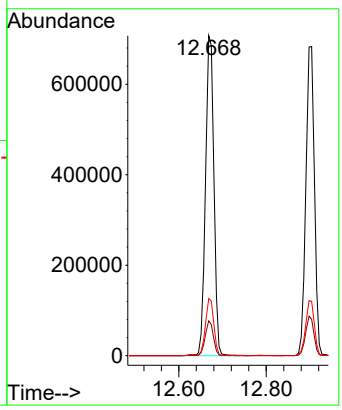




#75
Fluoranthene
Concen: 47.478 ng
RT: 12.668 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:202 Resp: 94549

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.3
203	17.9	0.0	37.9



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

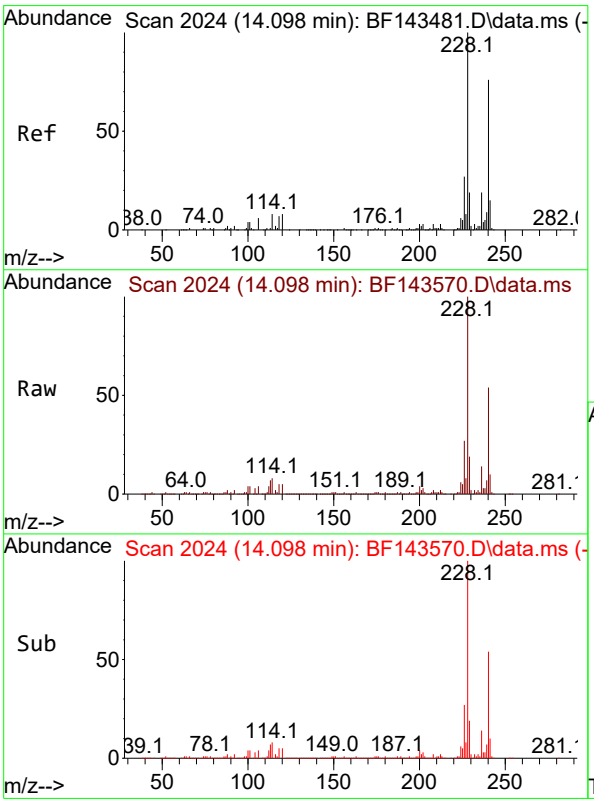
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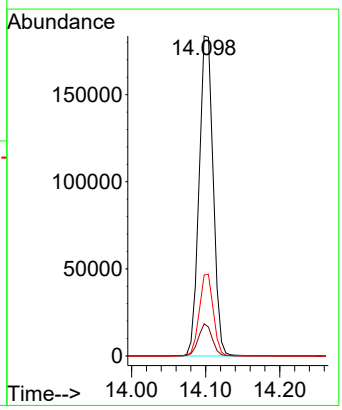
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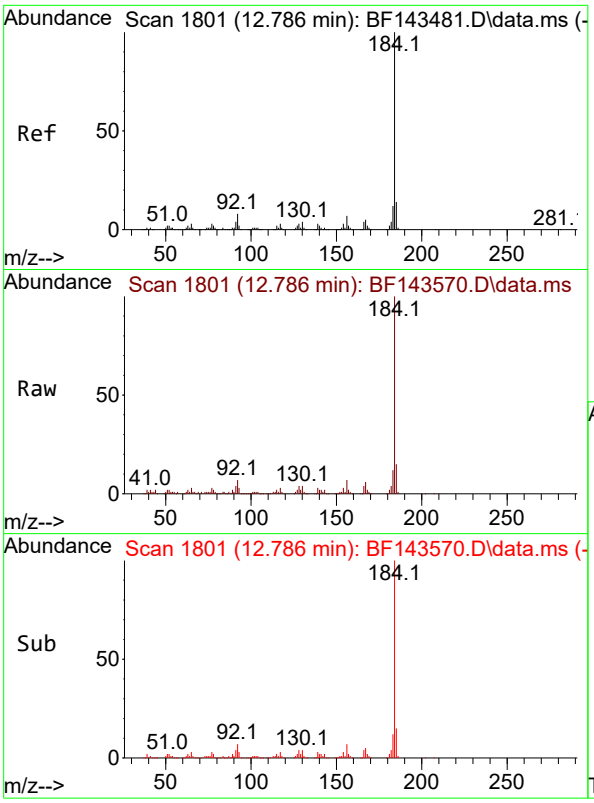


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:240 Resp: 243358

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.6	12.8
236	25.3	20.4	30.6

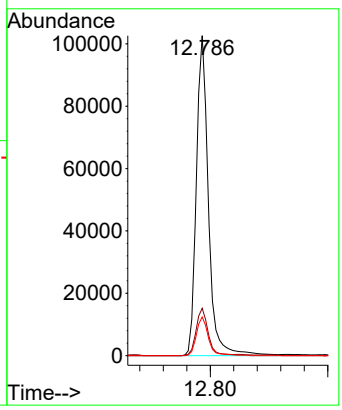




#77
Benzidine
Concen: 24.703 ng
RT: 12.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:184 Resp: 14643

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.3	16.9
183	12.1	9.5	14.3



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

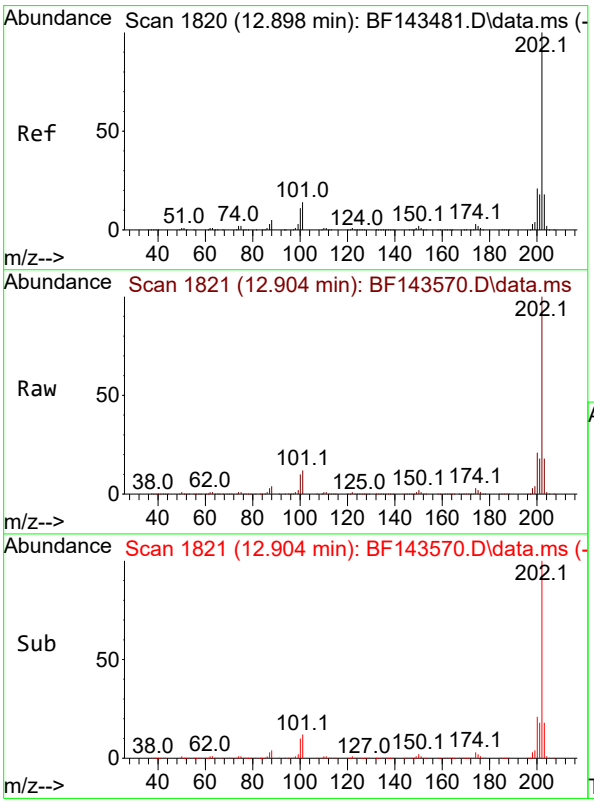
Manual Integrations
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Reviewed By :Rahul Chavli

Supervised By :Jagrut Upadhyay
08/25/2025

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Supervised By :Jagrut Upadhyay

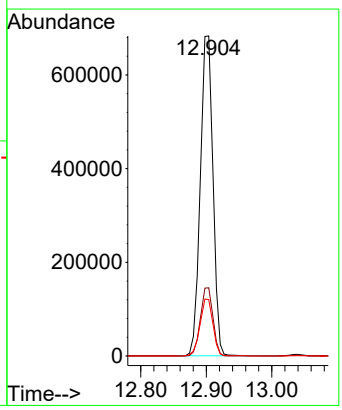
08/25/2025

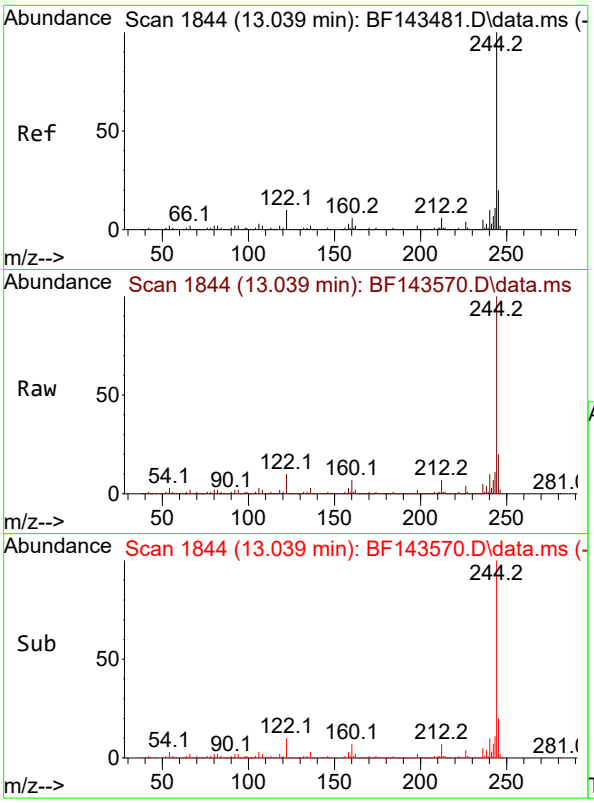


#78
Pyrene
Concen: 46.014 ng
RT: 12.904 min Scan# 1821
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:202 Resp: 921104

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	17.6	14.3	21.5

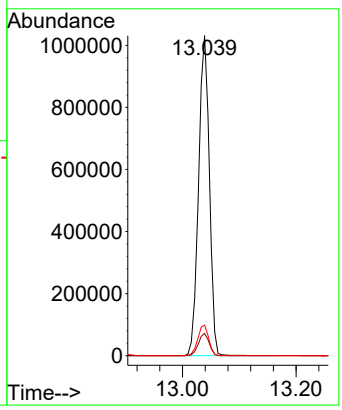




#79
Terphenyl-d14
Concen: 97.543 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:244 Resp: 136030

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.2	7.8
122	9.5	7.9	11.9



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

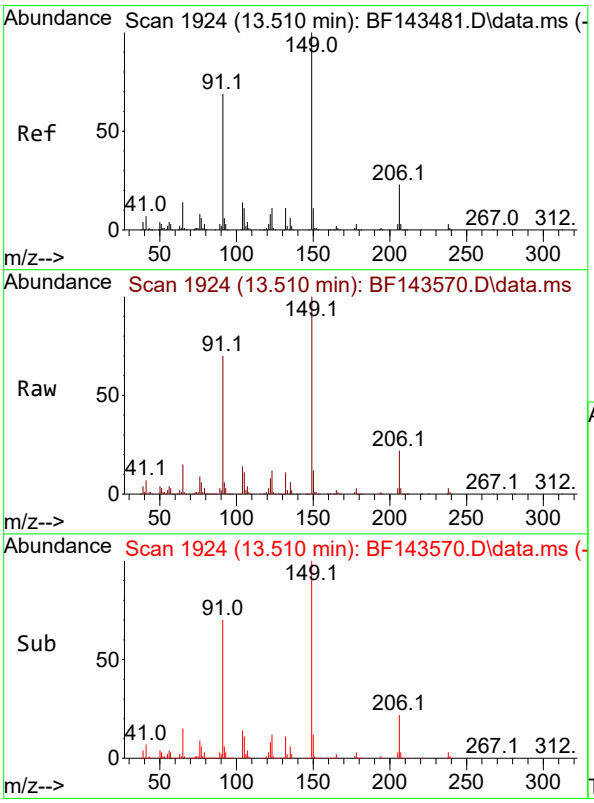
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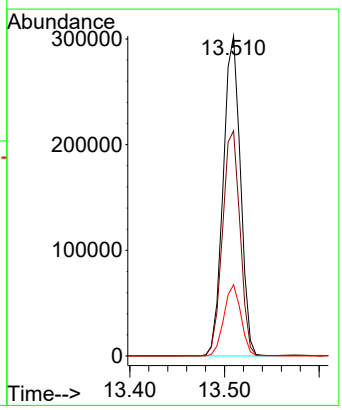
08/25/2025

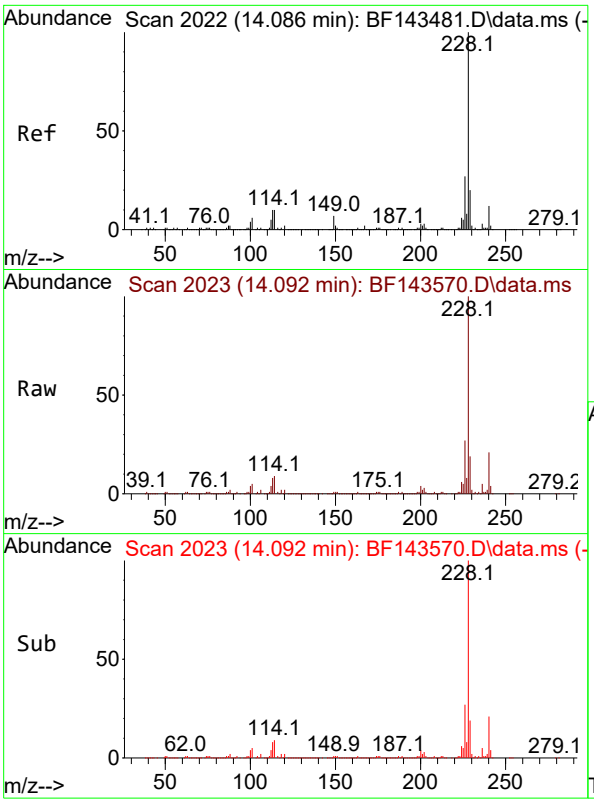


#80
Butylbenzylphthalate
Concen: 70.209 ng
RT: 13.510 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:149 Resp: 383947

Ion	Ratio	Lower	Upper
149	100		
91	70.4	55.3	82.9
206	22.3	18.2	27.4

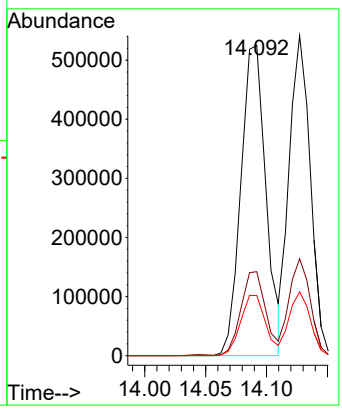




#81
Benzo(a)anthracene
Concen: 48.019 ng
RT: 14.092 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:228 Resp: 75234

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.4	15.7	23.5



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

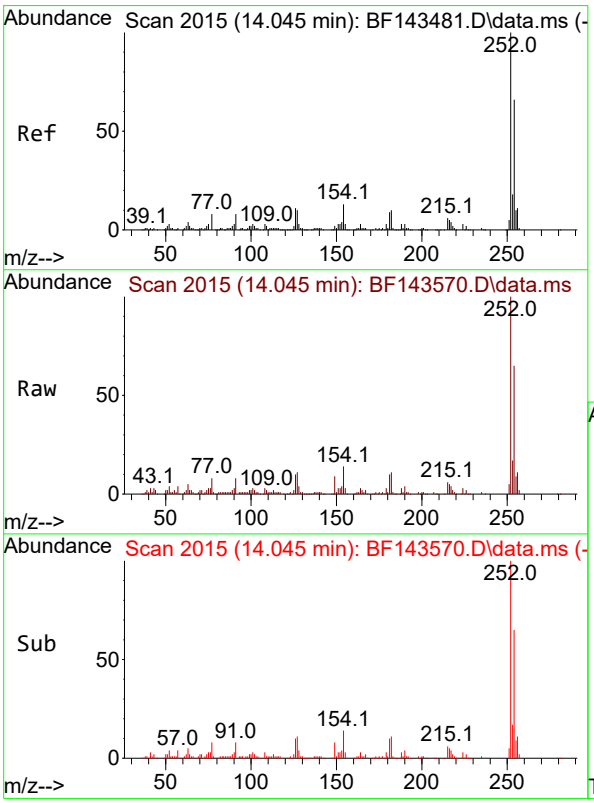
Manual Integrations
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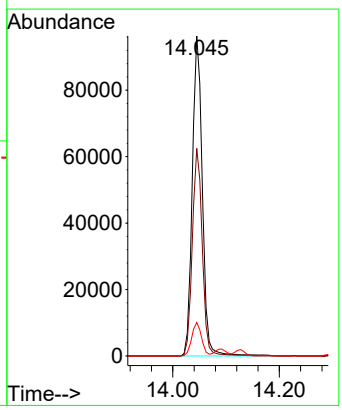
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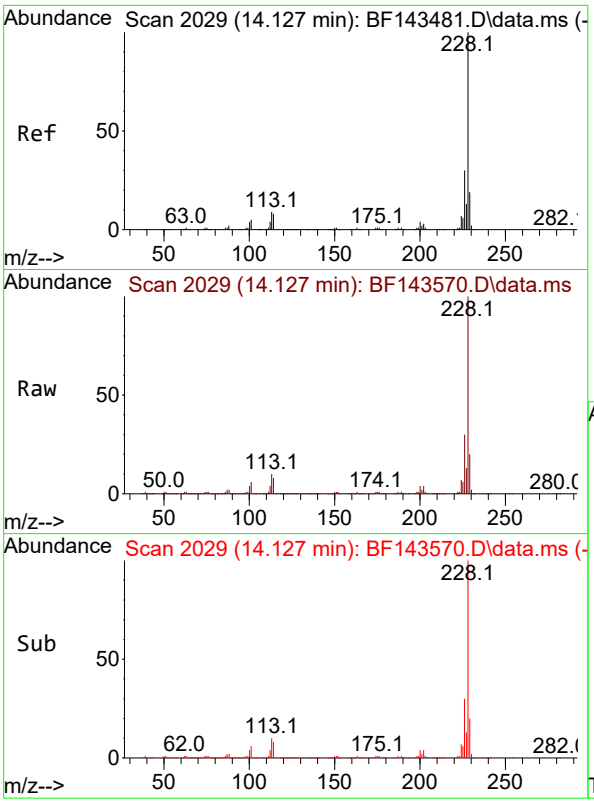


#82
3,3'-Dichlorobenzidine
Concen: 28.245 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:252 Resp: 126734

Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.6	79.0
126	10.5	8.7	13.1

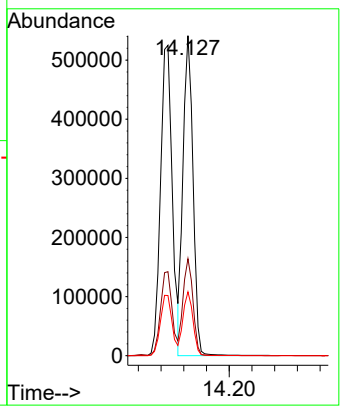




#83
Chrysene
Concen: 46.774 ng
RT: 14.127 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:228 Resp: 65858

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.7	35.5
229	20.0	15.7	23.5



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

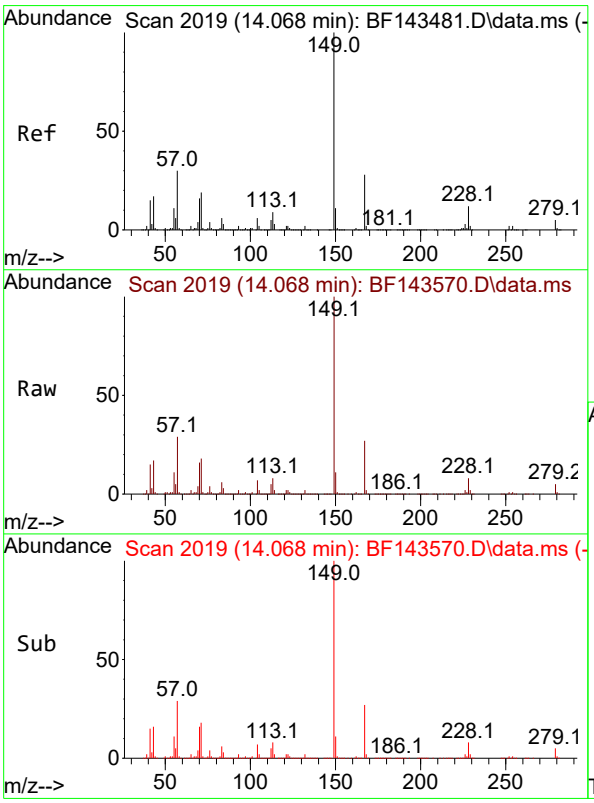
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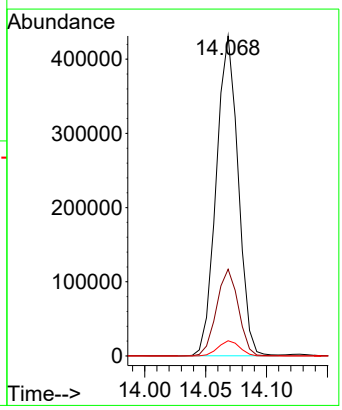
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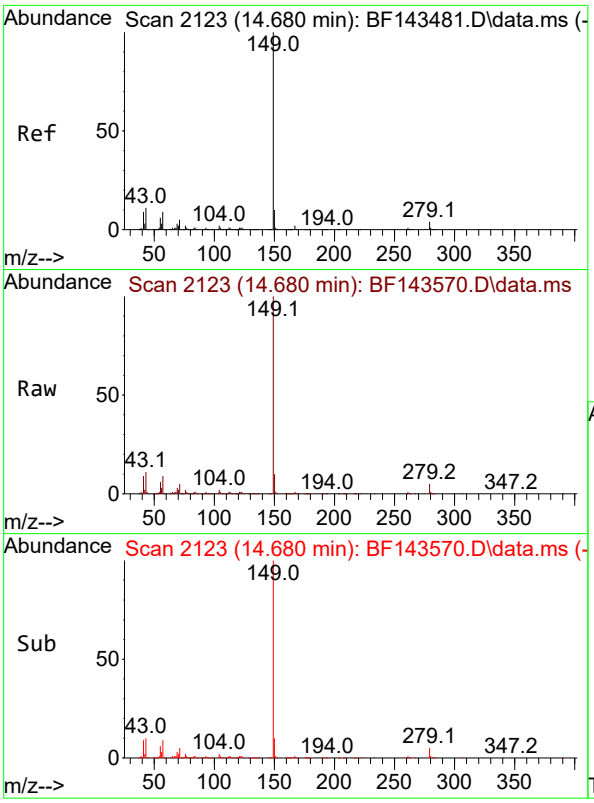


#84
Bis(2-ethylhexyl)phthalate
Concen: 64.872 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:149 Resp: 540317

Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.2	33.2
279	4.8	3.6	5.4

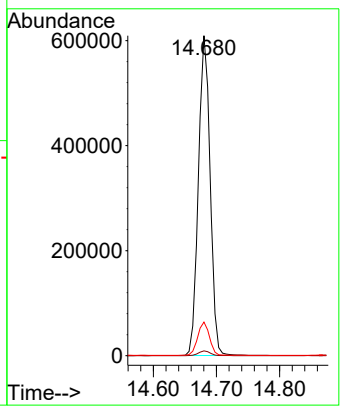




#85
Di-n-octyl phthalate
Concen: 50.961 ng
RT: 14.680 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:149 Resp: 78631

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.4	8.5	12.7



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

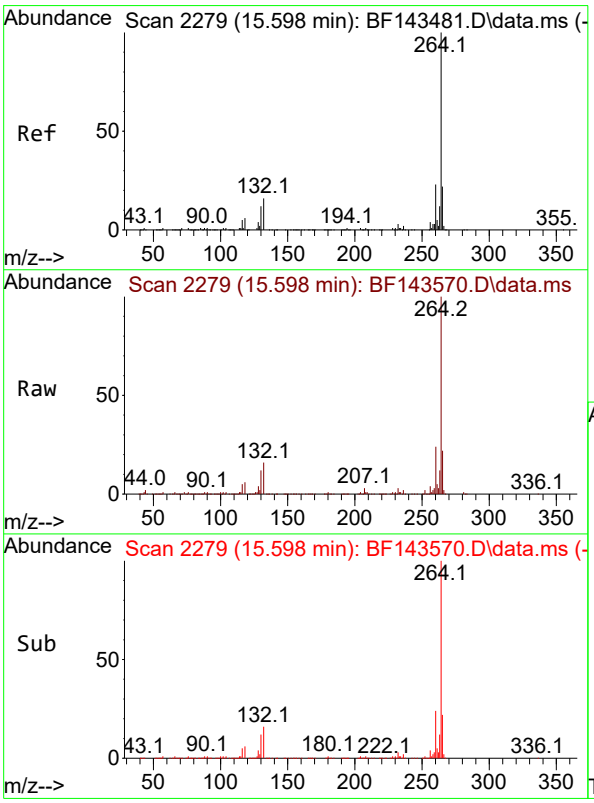
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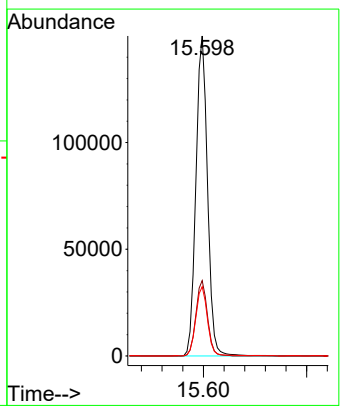
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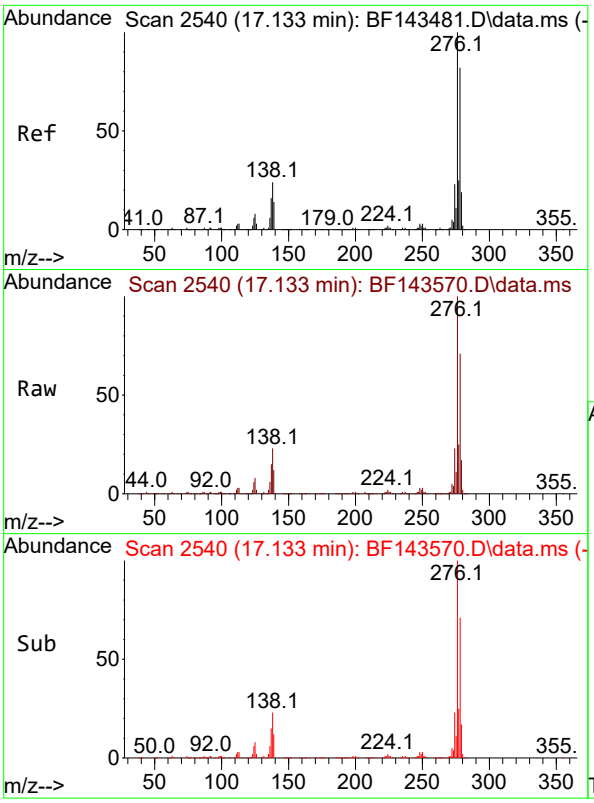


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:264 Resp: 233140

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.6	17.6	26.4

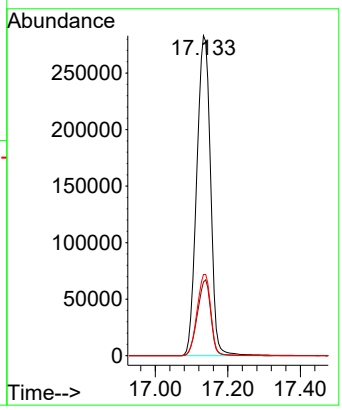




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.598 ng
RT: 17.133 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:276 Resp: 74716

Ion	Ratio	Lower	Upper
276	100		
138	22.9	19.2	28.8
277	25.2	20.3	30.5



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

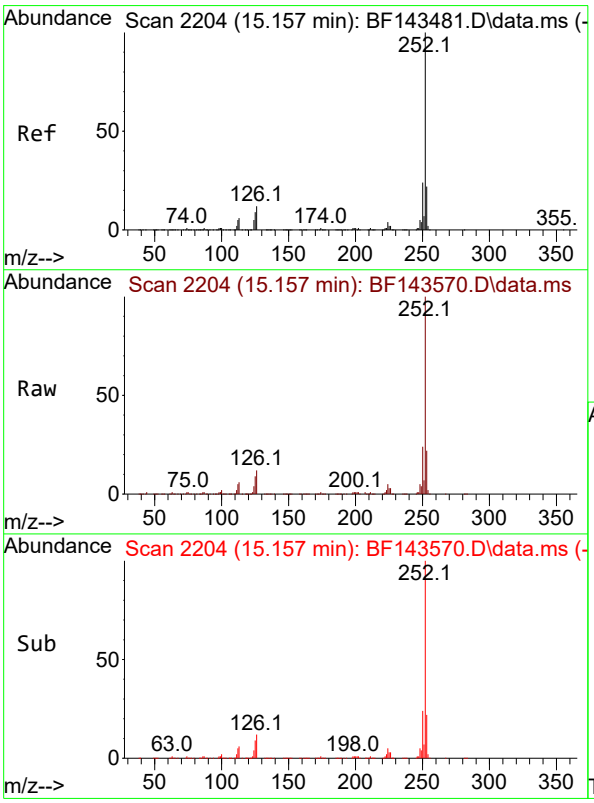
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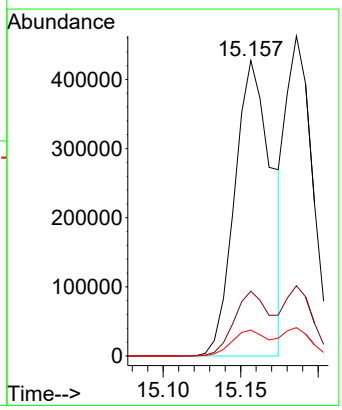
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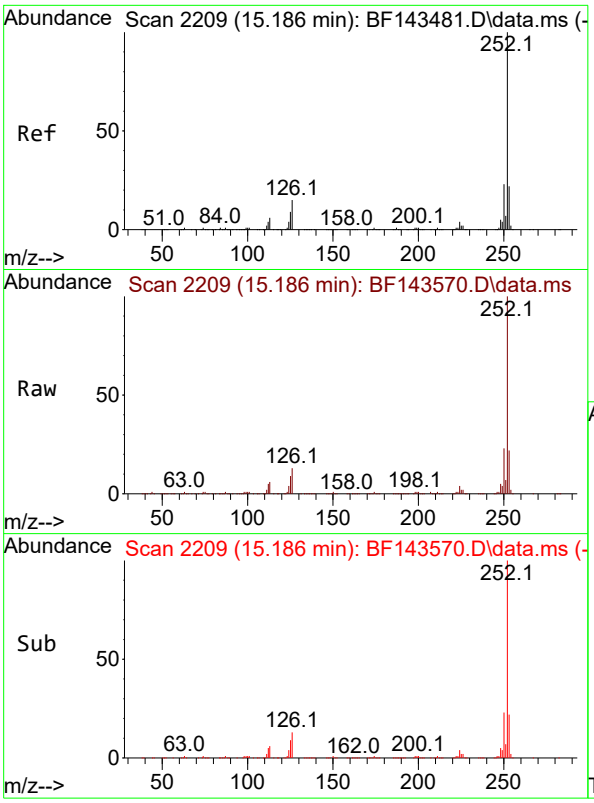


#88
Benzo(b)fluoranthene
Concen: 54.715 ng
RT: 15.157 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:252 Resp: 709069

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	8.8	7.4	11.0

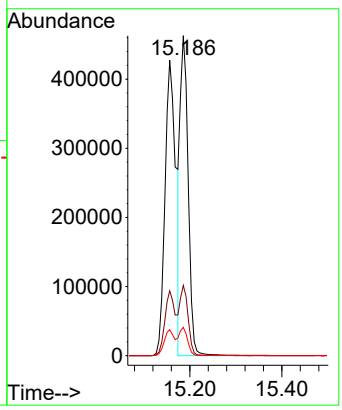




#89
Benzo(k)fluoranthene
Concen: 45.160 ng
RT: 15.186 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:252 Resp: 56034

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	8.9	7.4	11.0



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

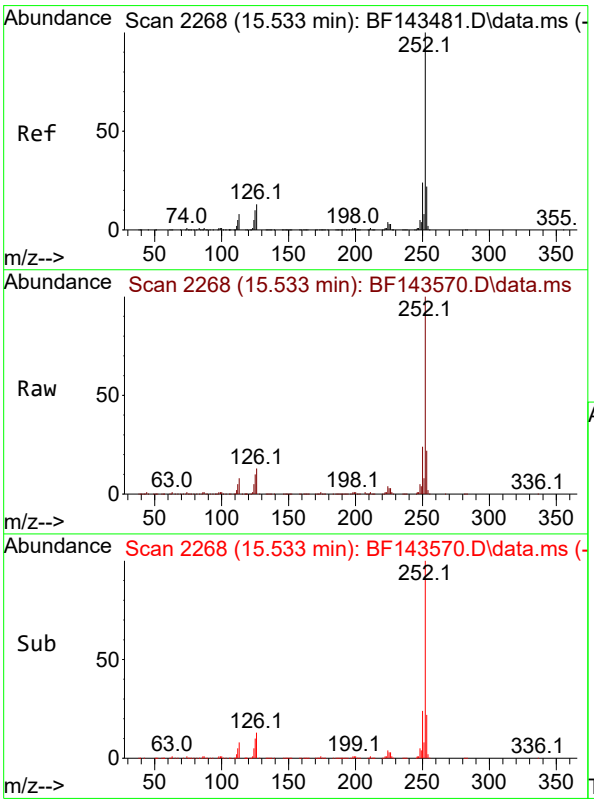
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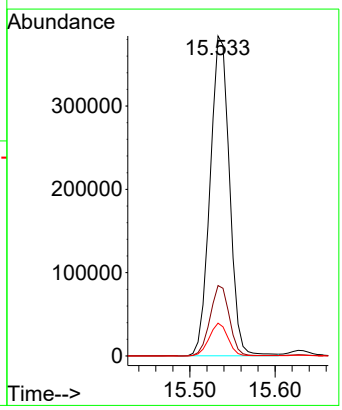
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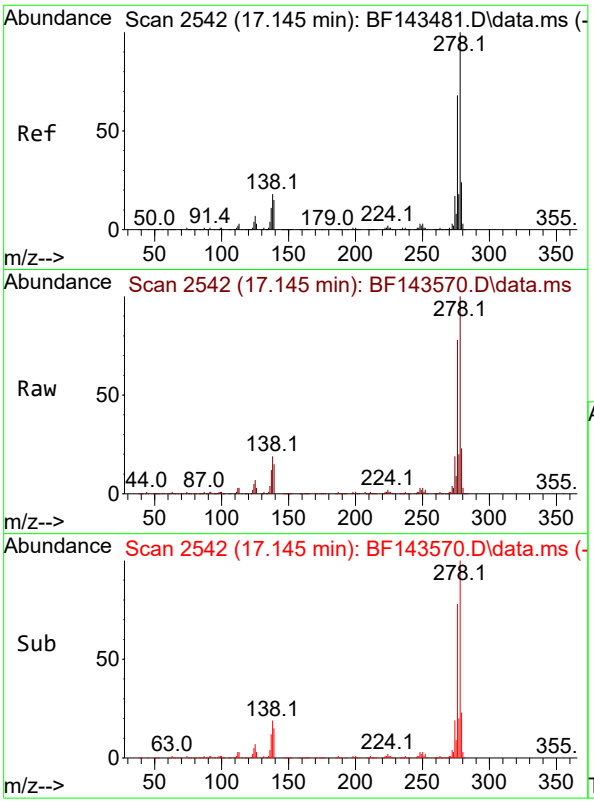


#90
Benzo(a)pyrene
Concen: 50.421 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:252 Resp: 606517

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	10.2	8.2	12.2

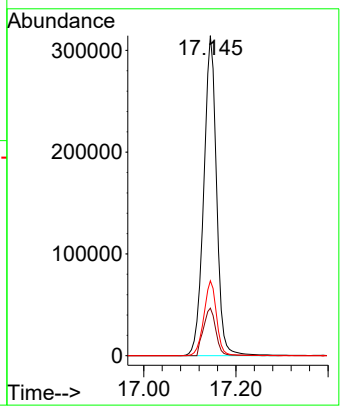




#91
Dibenzo(a,h)anthracene
Concen: 45.549 ng
RT: 17.145 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:278 Resp: 61115

Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.1	18.1
279	23.4	19.2	28.8



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MS

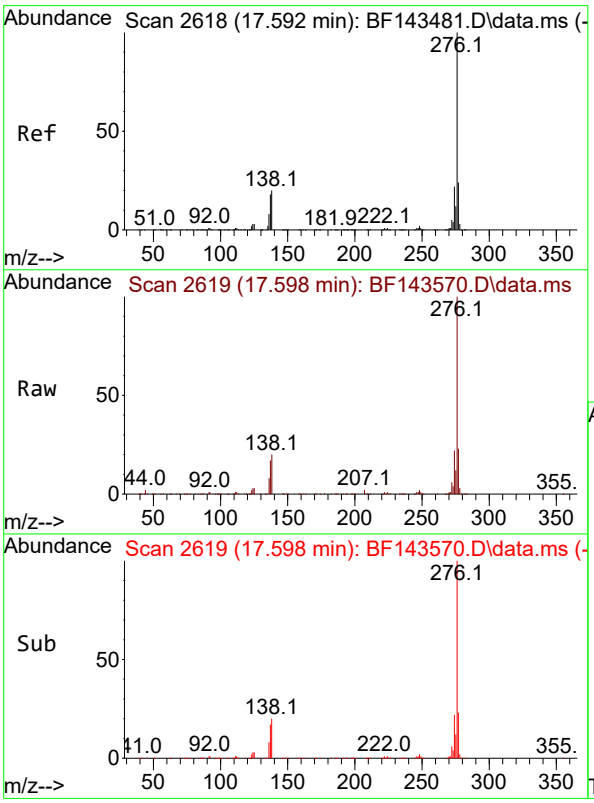
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Supervised By :Jagrut Upadhyay

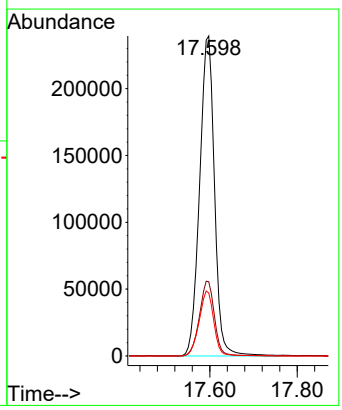
08/25/2025



#92
Benzo(g,h,i)perylene
Concen: 42.533 ng
RT: 17.598 min Scan# 2619
Delta R.T. -0.006 min
Lab File: BF143570.D
Acq: 22 Aug 2025 13:58

Tgt Ion:276 Resp: 567468

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.9	28.3
138	19.7	16.3	24.5



Raw Data: **BF143571.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6B-081925MSD	SDG No.:	Q2903
Lab Sample ID:	Q2903-06MSD	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
BF143571.D	1	08/21/25 08:50	08/22/25 14:27	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	25.2		4.20	10.6	ug/L
108-95-2	Phenol	17.8		0.97	5.30	ug/L
111-44-4	bis(2-Chloroethyl)ether	42.3		0.86	5.30	ug/L
95-57-8	2-Chlorophenol	37.1		0.62	5.30	ug/L
95-48-7	2-Methylphenol	35.5		1.20	5.30	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	38.5		1.40	5.30	ug/L
98-86-2	Acetophenone	46.8		0.79	5.30	ug/L
65794-96-9	3+4-Methylphenols	33.9		1.20	10.6	ug/L
621-64-7	n-Nitroso-di-n-propylamine	52.6		1.50	2.70	ug/L
67-72-1	Hexachloroethane	20.1		0.69	5.30	ug/L
98-95-3	Nitrobenzene	44.0		0.81	5.30	ug/L
78-59-1	Isophorone	51.1		0.80	5.30	ug/L
88-75-5	2-Nitrophenol	47.3		1.90	5.30	ug/L
105-67-9	2,4-Dimethylphenol	44.1		2.00	5.30	ug/L
111-91-1	bis(2-Chloroethoxy)methane	47.6		0.72	5.30	ug/L
120-83-2	2,4-Dichlorophenol	45.2		0.55	5.30	ug/L
91-20-3	Naphthalene	35.2		0.53	5.30	ug/L
106-47-8	4-Chloroaniline	25.1		0.89	5.30	ug/L
87-68-3	Hexachlorobutadiene	26.1		0.57	5.30	ug/L
105-60-2	Caprolactam	13.1		1.20	10.6	ug/L
59-50-7	4-Chloro-3-methylphenol	49.9		0.63	5.30	ug/L
91-57-6	2-Methylnaphthalene	38.8		0.60	5.30	ug/L
77-47-4	Hexachlorocyclopentadiene	80.6		3.90	10.6	ug/L
88-06-2	2,4,6-Trichlorophenol	48.8		0.54	5.30	ug/L
95-95-4	2,4,5-Trichlorophenol	47.4		0.66	5.30	ug/L
92-52-4	1,1-Biphenyl	44.5		0.56	5.30	ug/L
91-58-7	2-Chloronaphthalene	42.9		0.65	5.30	ug/L
88-74-4	2-Nitroaniline	53.3		1.30	5.30	ug/L
131-11-3	Dimethylphthalate	55.1		0.65	5.30	ug/L

Raw Data: **BF143571.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6B-081925MSD	SDG No.:	Q2903
Lab Sample ID:	Q2903-06MSD	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
BF143571.D	1	08/21/25 08:50	08/22/25 14:27	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	51.0		0.80	5.30	ug/L
606-20-2	2,6-Dinitrotoluene	56.5		0.98	5.30	ug/L
99-09-2	3-Nitroaniline	30.6		1.10	5.30	ug/L
83-32-9	Acenaphthene	51.2		0.59	5.30	ug/L
51-28-5	2,4-Dinitrophenol	96.2	E	6.40	10.6	ug/L
100-02-7	4-Nitrophenol	42.6		2.50	10.6	ug/L
132-64-9	Dibenzofuran	47.6		0.65	5.30	ug/L
121-14-2	2,4-Dinitrotoluene	57.2		1.30	5.30	ug/L
84-66-2	Diethylphthalate	58.6		0.73	5.30	ug/L
7005-72-3	4-Chlorophenyl-phenylether	49.6		0.72	5.30	ug/L
86-73-7	Fluorene	49.3		0.67	5.30	ug/L
100-01-6	4-Nitroaniline	53.0		1.60	5.30	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	53.8		3.10	10.6	ug/L
86-30-6	n-Nitrosodiphenylamine	50.3		0.62	5.30	ug/L
101-55-3	4-Bromophenyl-phenylether	51.2		0.43	5.30	ug/L
118-74-1	Hexachlorobenzene	50.4		0.55	5.30	ug/L
1912-24-9	Atrazine	63.3		1.10	5.30	ug/L
87-86-5	Pentachlorophenol	110	E	1.70	10.6	ug/L
85-01-8	Phenanthrene	48.5		0.53	5.30	ug/L
120-12-7	Anthracene	49.6		0.65	5.30	ug/L
86-74-8	Carbazole	49.4		0.77	5.30	ug/L
84-74-2	Di-n-butylphthalate	71.0		1.30	5.30	ug/L
206-44-0	Fluoranthene	49.7		0.87	5.30	ug/L
129-00-0	Pyrene	47.8		0.53	5.30	ug/L
85-68-7	Butylbenzylphthalate	73.5		2.10	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	31.8		0.99	10.6	ug/L
56-55-3	Benzo(a)anthracene	51.7		0.48	5.30	ug/L
218-01-9	Chrysene	49.2		0.47	5.30	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	67.8		1.70	5.30	ug/L
117-84-0	Di-n-octyl phthalate	54.5		2.50	10.6	ug/L
205-99-2	Benzo(b)fluoranthene	52.1		0.52	5.30	ug/L

Raw Data: **BF143571.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:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6B-081925MSD	SDG No.:	Q2903
Lab Sample ID:	Q2903-06MSD	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
BF143571.D	1	08/21/25 08:50	08/22/25 14:27	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	54.4		0.51	5.30	ug/L
50-32-8	Benzo(a)pyrene	53.7		0.59	5.30	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	45.3		0.63	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	46.0		0.71	5.30	ug/L
191-24-2	Benzo(g,h,i)perylene	42.2		0.73	5.30	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	40.2		0.55	5.30	ug/L
123-91-1	1,4-Dioxane	19.8		1.10	5.30	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	55.2		0.77	5.30	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	67.3		23 - 138	45%	SPK: 150
13127-88-3	Phenol-d6	45.3		10 - 134	30%	SPK: 150
4165-60-0	Nitrobenzene-d5	95.7		67 - 132	96%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.9		52 - 132	86%	SPK: 100
118-79-6	2,4,6-Tribromophenol	144		44 - 137	96%	SPK: 150
1718-51-0	Terphenyl-d14	96.1		42 - 152	96%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	106000	6.922			
1146-65-2	Naphthalene-d8	427000	8.21			
15067-26-2	Acenaphthene-d10	256000	9.969			
1517-22-2	Phenanthrene-d10	408000	11.457			
1719-03-5	Chrysene-d12	241000	14.098			
1520-96-3	Perylene-d12	233000	15.598			

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: **BF143571.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143571.D
Acq On : 22 Aug 2025 14:27
Operator : RC/JU
Sample : Q2903-06MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 22 14:55:21 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

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

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	6.922	152	106227	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	426928	20.000	ng		0.00
39) Acenaphthene-d10	9.969	164	255816	20.000	ng		0.00
64) Phenanthrene-d10	11.457	188	407531	20.000	ng		0.00
76) Chrysene-d12	14.098	240	240925	20.000	ng		0.00
86) Perylene-d12	15.598	264	232913	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	409613	67.332	ng		0.00
7) Phenol-d6	6.563	99	339953	45.269	ng		-0.01
23) Nitrobenzene-d5	7.487	82	699922	95.669	ng		-0.01
42) 2,4,6-Tribromophenol	10.763	330	343754	144.357	ng		0.00
45) 2-Fluorobiphenyl	9.287	172	1328893	85.852	ng		0.00
79) Terphenyl-d14	13.039	244	1326574	96.085	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	52426	18.603	ng		98
3) Pyridine	3.563	79	126006	16.787	ng		98
4) n-Nitrosodimethylamine	3.493	42	77195	22.878	ng		93
6) Aniline	6.587	93	267619	26.661	ng		99
8) 2-Chlorophenol	6.716	128	234030	34.830	ng		99
9) Benzaldehyde	6.475	77	144193	23.716	ng		95
10) Phenol	6.575	94	144428	16.694	ng		89
11) bis(2-Chloroethyl)ether	6.657	93	257197	39.784	ng		99
12) 1,3-Dichlorobenzene	6.869	146	155361	20.579	ng		99
13) 1,4-Dichlorobenzene	6.940	146	161635	21.343	ng		99
14) 1,2-Dichlorobenzene	7.093	146	166465	23.216	ng		99
15) Benzyl Alcohol	7.069	79	209253	37.217	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	374192	36.179	ng		93
17) 2-Methylphenol	7.187	107	179705	33.323	ng		95
18) Hexachloroethane	7.440	117	48682	18.907	ng		95
19) n-Nitroso-di-n-propyla...	7.340	70	226744	49.399	ng		100
20) 3+4-Methylphenols	7.334	107	205160	31.868	ng	#	74
22) Acetophenone	7.334	105	405430	43.956	ng		97
24) Nitrobenzene	7.510	77	311412	41.357	ng		100
25) Isophorone	7.745	82	644110	48.028	ng		99
26) 2-Nitrophenol	7.822	139	164011	44.466	ng		93
27) 2,4-Dimethylphenol	7.863	122	238116	41.413	ng		95
28) bis(2-Chloroethoxy)met...	7.951	93	368386	44.697	ng		100
29) 2,4-Dichlorophenol	8.069	162	260922	42.490	ng		98
30) 1,2,4-Trichlorobenzene	8.151	180	191267	30.294	ng		99
31) Naphthalene	8.228	128	677768	33.067	ng		100
32) Benzoic acid	7.969	122	51700	19.534	ng		95
33) 4-Chloroaniline	8.275	127	171529	23.578	ng		98
34) Hexachlorobutadiene	8.345	225	101181	24.564	ng		99
35) Caprolactam	8.657	113	18173m	12.333	ng		
36) 4-Chloro-3-methylphenol	8.763	107	288896	46.944	ng		96
37) 2-Methylnaphthalene	8.922	142	498923	36.446	ng		100
38) 1-Methylnaphthalene	9.022	142	530441	40.508	ng		99
40) 1,2,4,5-Tetrachloroben...	9.092	216	276537	37.792	ng		98
41) Hexachlorocyclopentadiene	9.081	237	214304	75.748	ng		100
43) 2,4,6-Trichlorophenol	9.204	196	206459	45.854	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143571.D
Acq On : 22 Aug 2025 14:27
Operator : RC/JU
Sample : Q2903-06MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 22 14:55:21 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

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

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	9.245	196	219346	44.599	ng	98
46)	1,1'-Biphenyl	9.387	154	760176	41.866	ng	99
47)	2-Chloronaphthalene	9.410	162	574466	40.323	ng	97
48)	2-Nitroaniline	9.510	65	209045	50.137	ng	100
49)	Acenaphthylene	9.828	152	978447	47.965	ng	99
50)	Dimethylphthalate	9.687	163	798362	51.818	ng	100
51)	2,6-Dinitrotoluene	9.751	165	169505	53.083	ng	96
52)	Acenaphthene	10.004	154	666294	48.107	ng	99
53)	3-Nitroaniline	9.922	138	99285	28.775	ng	97
54)	2,4-Dinitrophenol	10.034	184	155643	90.406	ng	95
55)	Dibenzofuran	10.175	168	883171	44.726	ng	96
56)	4-Nitrophenol	10.092	139	82256	40.066	ng	92
57)	2,4-Dinitrotoluene	10.157	165	229087	53.729	ng	93
58)	Fluorene	10.516	166	704567	46.360	ng	99
59)	2,3,4,6-Tetrachlorophenol	10.292	232	189613	51.893	ng	96
60)	Diethylphthalate	10.386	149	761464	55.125	ng	100
61)	4-Chlorophenyl-phenyle...	10.504	204	354382	46.625	ng	97
62)	4-Nitroaniline	10.539	138	157900	49.821	ng	92
63)	Azobenzene	10.669	77	749233	52.310	ng	99
65)	4,6-Dinitro-2-methylph...	10.569	198	116177	50.559	ng	97
66)	n-Nitrosodiphenylamine	10.628	169	619849	47.262	ng	99
67)	4-Bromophenyl-phenylether	10.998	248	234232	48.171	ng	96
68)	Hexachlorobenzene	11.069	284	248260	47.365	ng	98
69)	Atrazine	11.151	200	201408	59.492	ng	99
70)	Pentachlorophenol	11.269	266	257162	107.130	ng	99
71)	Phenanthrene	11.480	178	995019	45.593	ng	99
72)	Anthracene	11.533	178	1030994	46.633	ng	100
73)	Carbazole	11.686	167	841718	46.464	ng	99
74)	Di-n-butylphthalate	12.010	149	1127277	66.704	ng	99
75)	Fluoranthene	12.669	202	914300	46.690	ng	99
77)	Benzidine	12.786	184	161716	27.556	ng	99
78)	Pyrene	12.898	202	889609	44.889	ng	100
80)	Butylbenzylphthalate	13.510	149	373800	69.044	ng	99
81)	Benzo(a)anthracene	14.086	228	753434	48.574	ng	99
82)	3,3'-Dichlorobenzidine	14.045	252	132635	29.859	ng	96
83)	Chrysene	14.127	228	645099	46.279	ng	99
84)	Bis(2-ethylhexyl)phtha...	14.069	149	525601	63.742	ng	100
85)	Di-n-octyl phthalate	14.680	149	782243	51.209	ng	99
87)	Indeno(1,2,3-cd)pyrene	17.133	276	713033	42.602	ng	99
88)	Benzo(b)fluoranthene	15.157	252	633917	48.963	ng	99
89)	Benzo(k)fluoranthene	15.186	252	633765	51.127	ng	99
90)	Benzo(a)pyrene	15.533	252	606447	50.464	ng	100
91)	Dibenzo(a,h)anthracene	17.139	278	580113	43.278	ng	100
92)	Benzo(g,h,i)perylene	17.592	276	528314	39.637	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

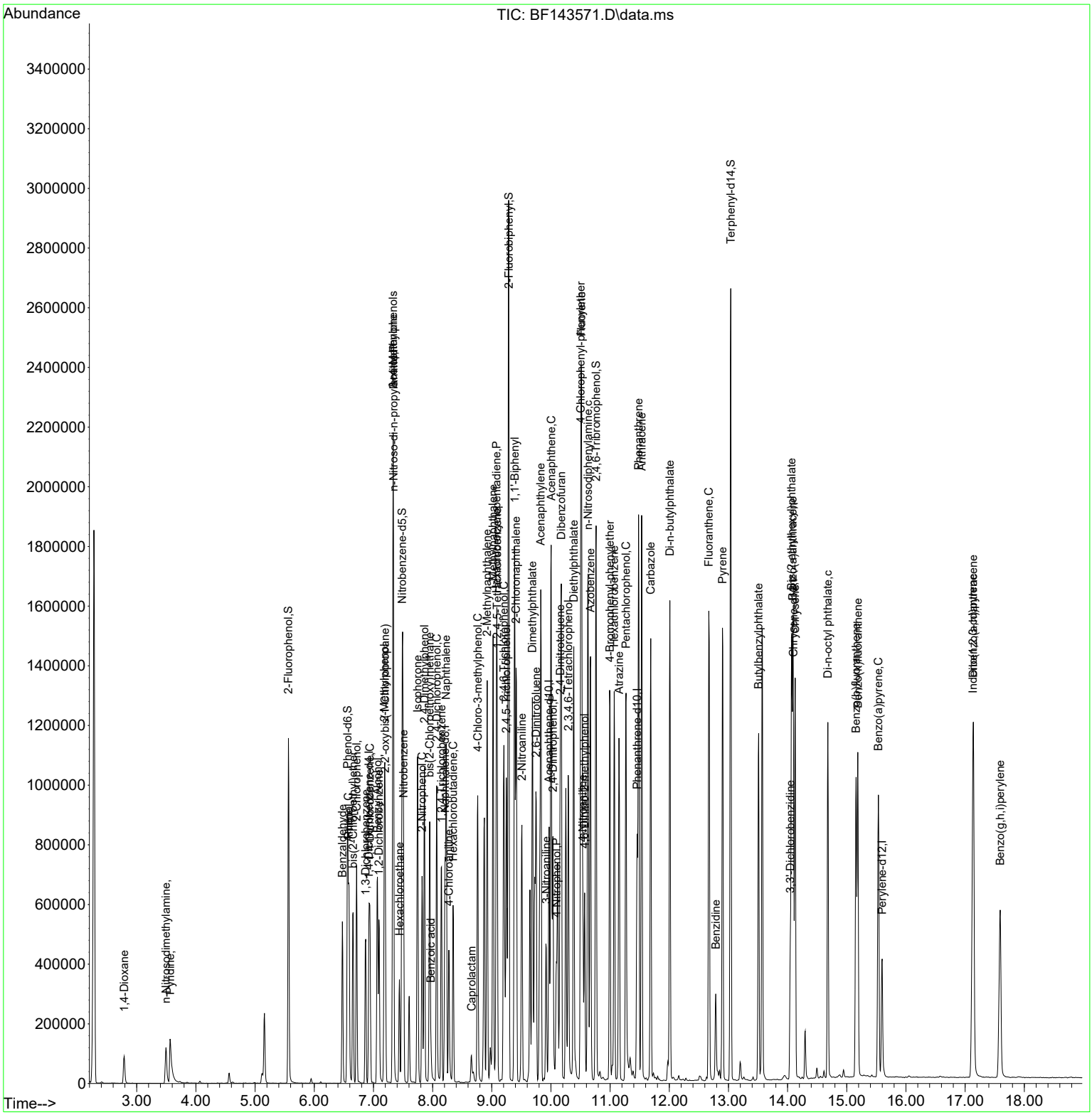
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Data File : BF143571.D
Acq On : 22 Aug 2025 14:27
Operator : RC/JU
Sample : Q2903-06MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

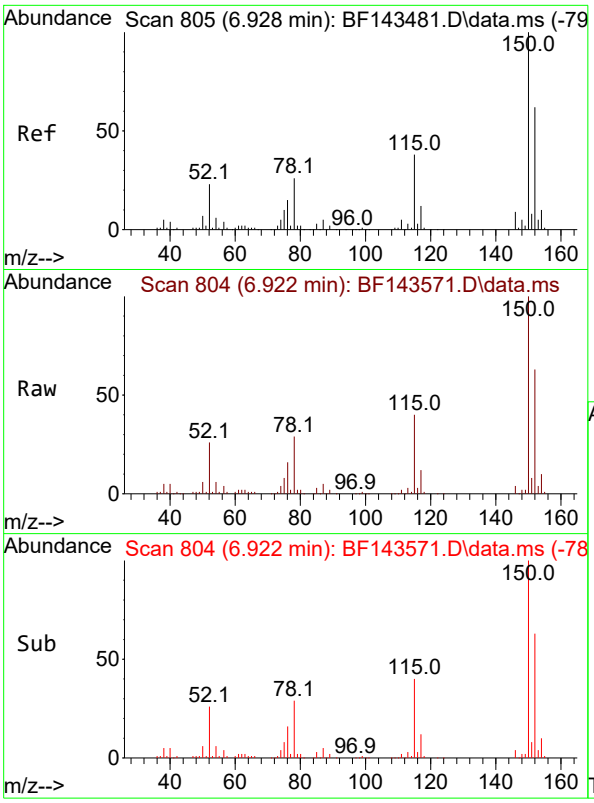
Quant Time: Aug 22 14:55:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

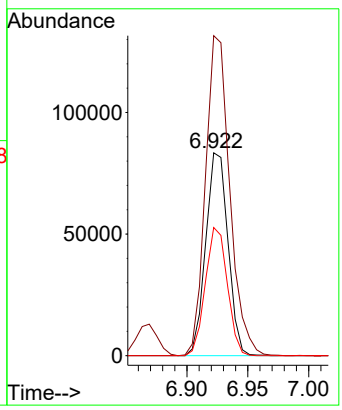




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:152 Resp: 10622

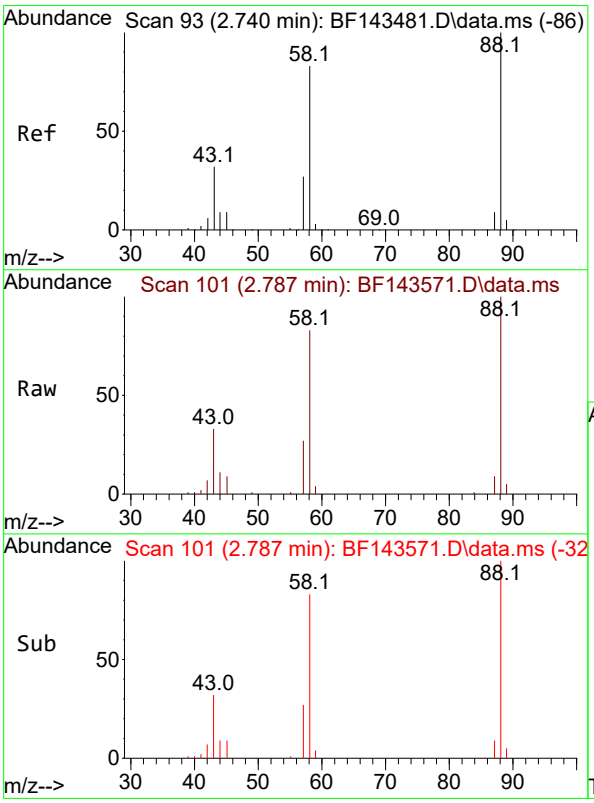
Ion	Ratio	Lower	Upper
152	100		
150	157.7	128.9	193.3
115	63.2	49.2	73.8



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
APPROVED

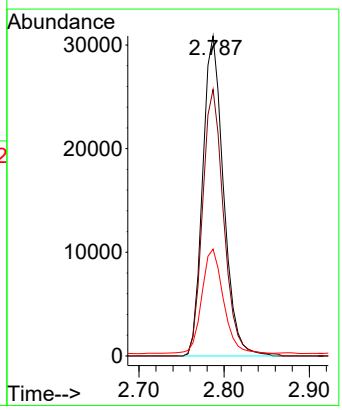
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

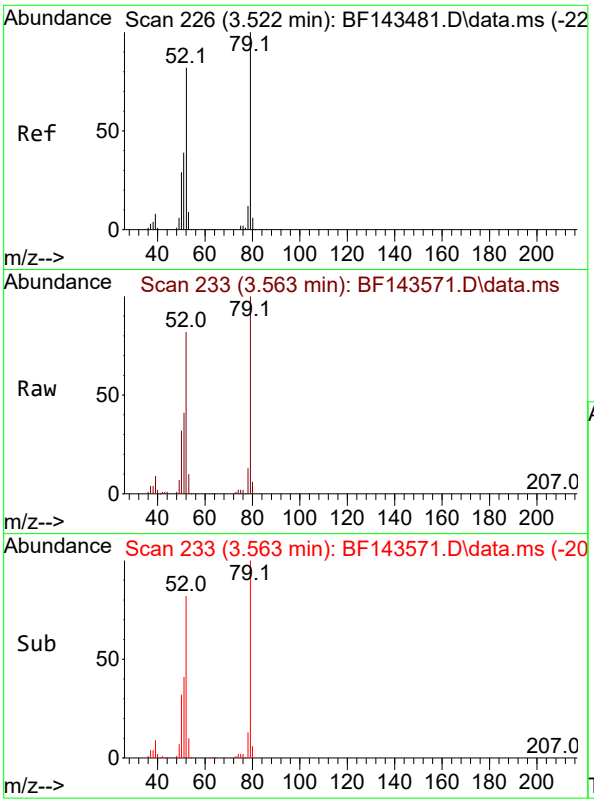


#2
1,4-Dioxane
Concen: 18.603 ng
RT: 2.787 min Scan# 101
Delta R.T. 0.053 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion: 88 Resp: 52426

Ion	Ratio	Lower	Upper
88	100		
58	84.8	66.7	100.1
43	34.3	25.8	38.8

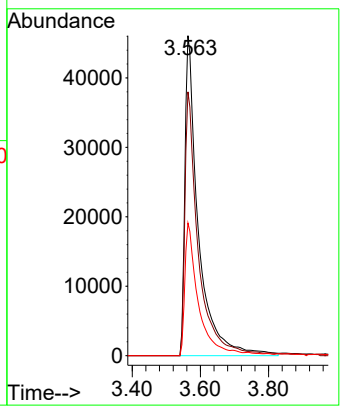




#3
Pyridine
Concen: 16.787 ng
RT: 3.563 min Scan# 2
Delta R.T. 0.047 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion: 79 Resp: 12600

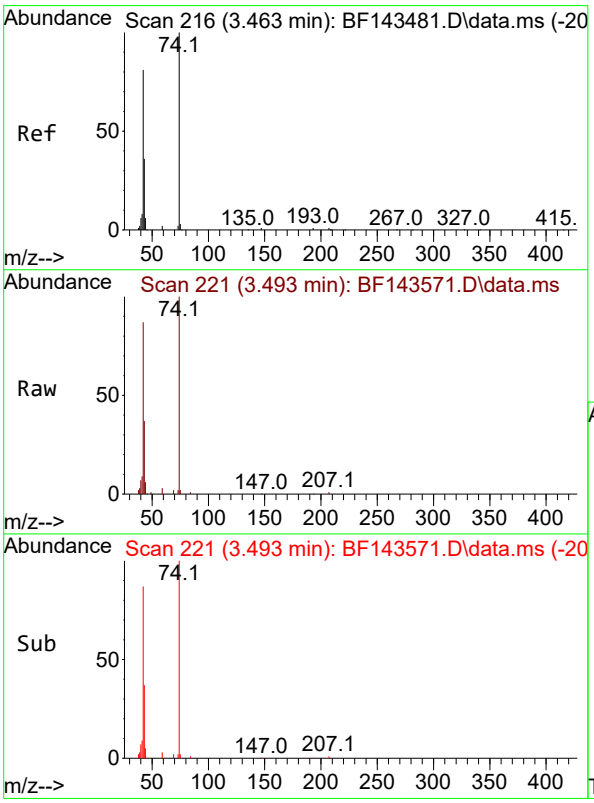
Ion	Ratio	Lower	Upper
79	100		
52	82.5	65.6	98.4
51	41.4	31.2	46.8



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
APPROVED

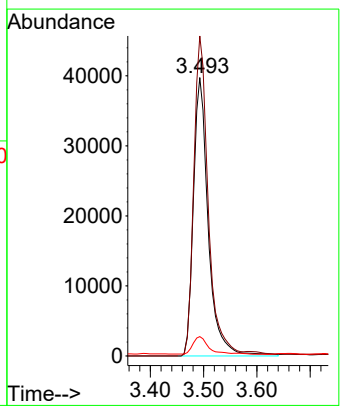
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

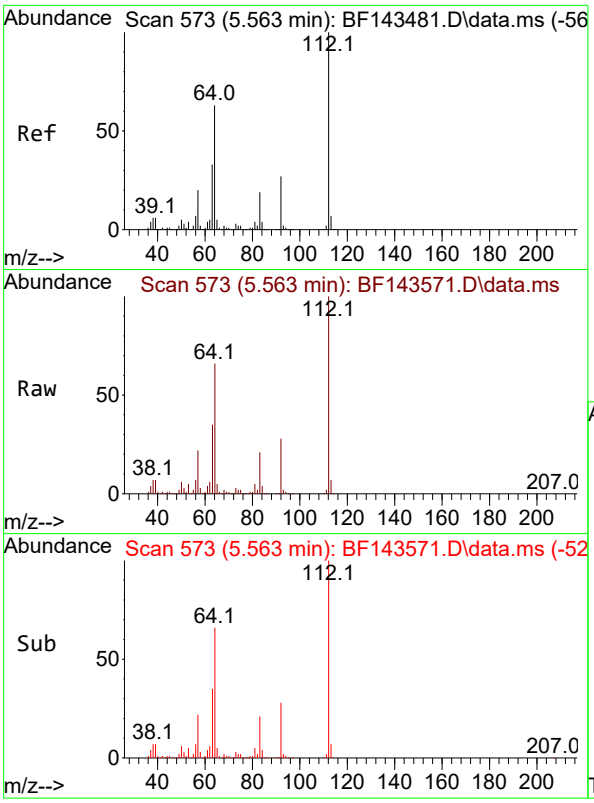


#4
n-Nitrosodimethylamine
Concen: 22.878 ng
RT: 3.493 min Scan# 221
Delta R.T. 0.018 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion: 42 Resp: 77195

Ion	Ratio	Lower	Upper
42	100		
74	115.0	98.6	148.0
44	7.0	5.8	8.8





#5
2-Fluorophenol
Concen: 67.332 ng
RT: 5.563 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

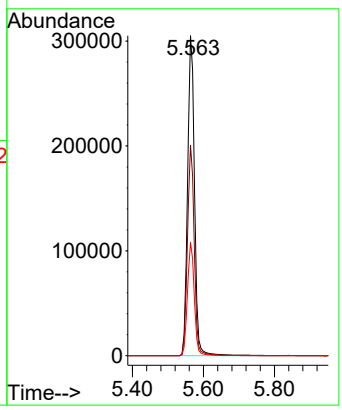
Tgt Ion:112 Resp: 40961

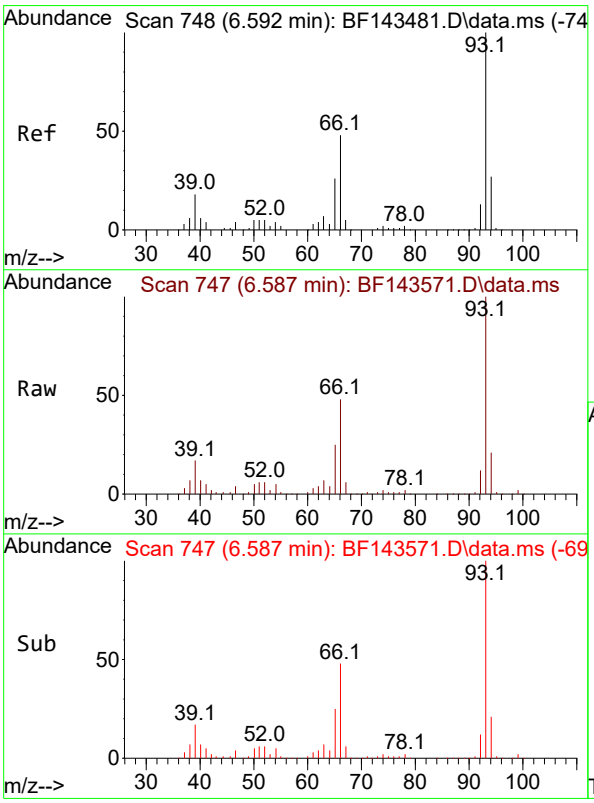
Ion	Ratio	Lower	Upper
112	100		
64	65.8	50.4	75.6
63	35.5	26.4	39.6

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

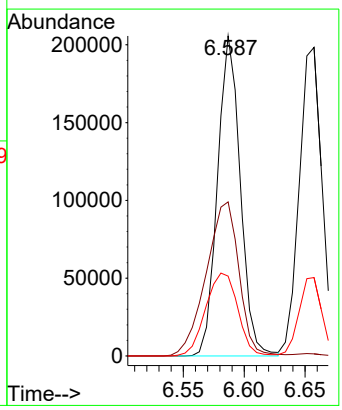


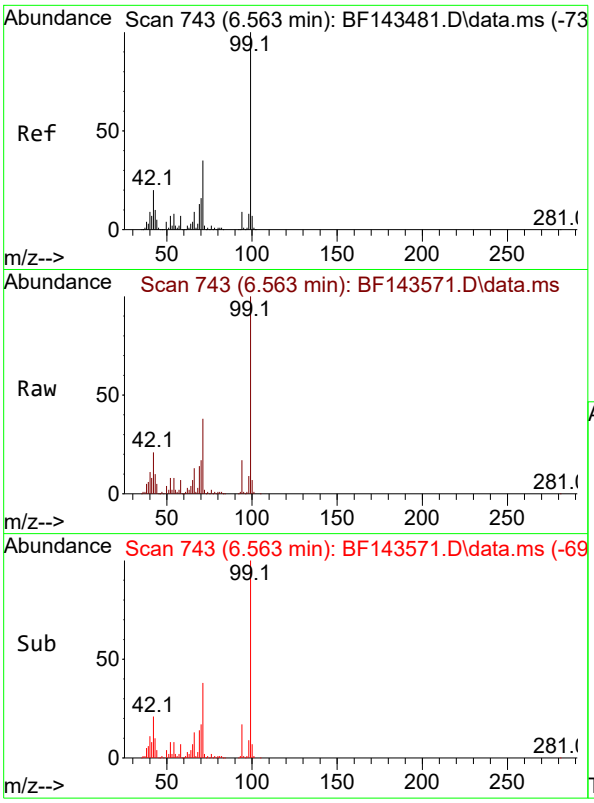


#6
Aniline
Concen: 26.661 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion: 93 Resp: 267619

Ion	Ratio	Lower	Upper
93	100		
66	48.2	38.9	58.3
65	25.0	20.6	30.8

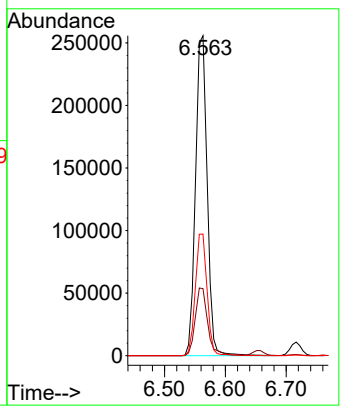




#7
Phenol-d6
Concen: 45.269 ng
RT: 6.563 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion: 99 Resp: 33995

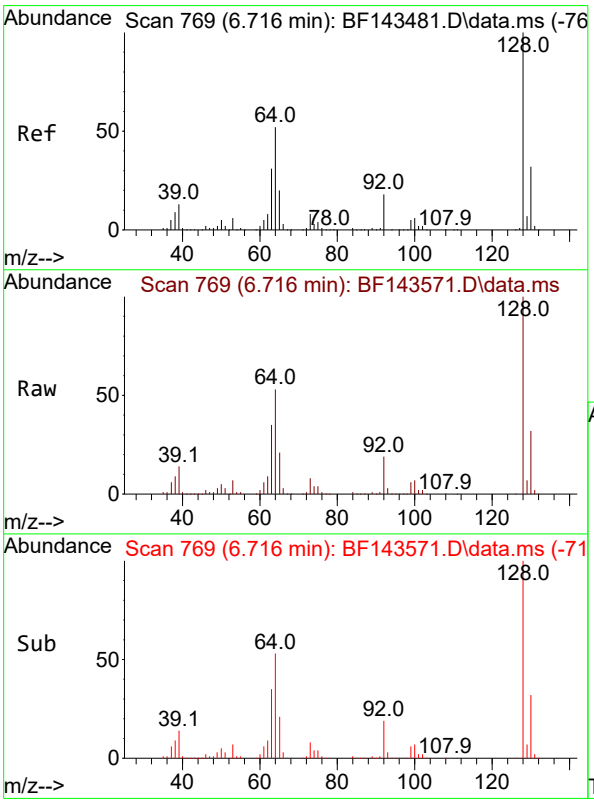
Ion	Ratio	Lower	Upper
99	100		
42	20.9	16.3	24.5
71	38.0	28.2	42.2



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
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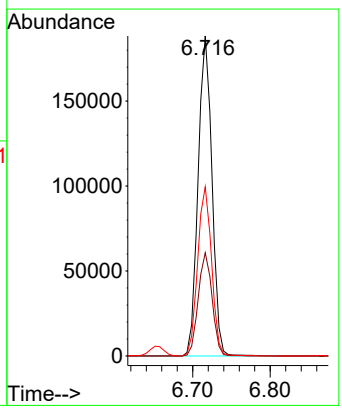
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

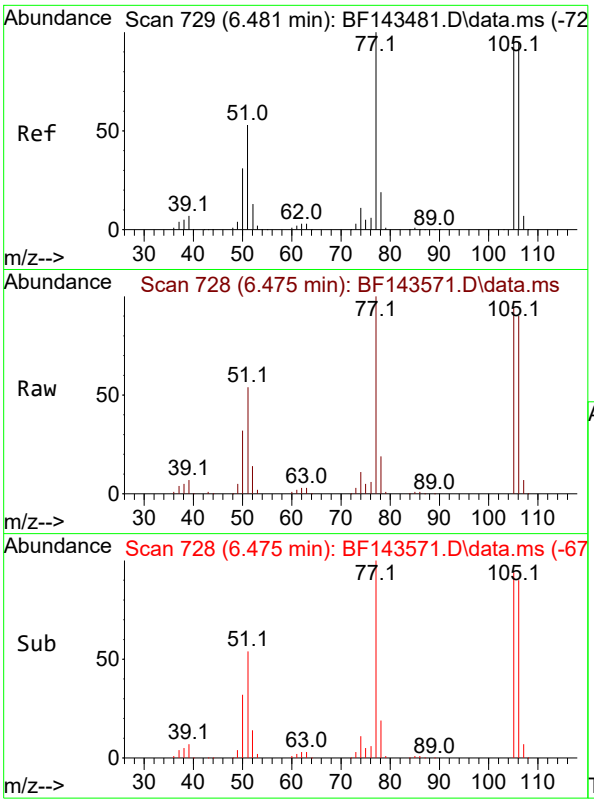


#8
2-Chlorophenol
Concen: 34.830 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:128 Resp: 234030

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.4	52.4
64	52.8	31.6	71.6

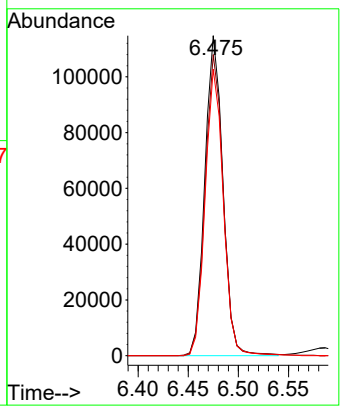




#9
Benzaldehyde
Concen: 23.716 ng
RT: 6.475 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion: 77 Resp: 14419

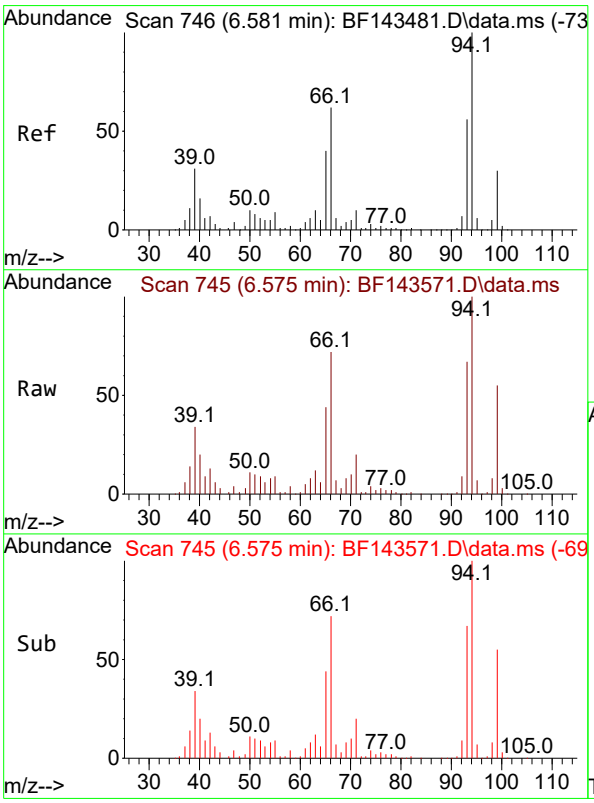
Ion	Ratio	Lower	Upper
77	100		
105	94.1	78.1	118.1
106	89.5	74.9	114.9



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
APPROVED

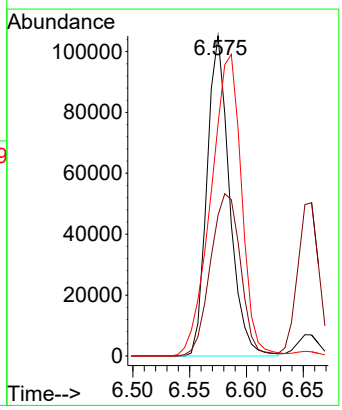
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

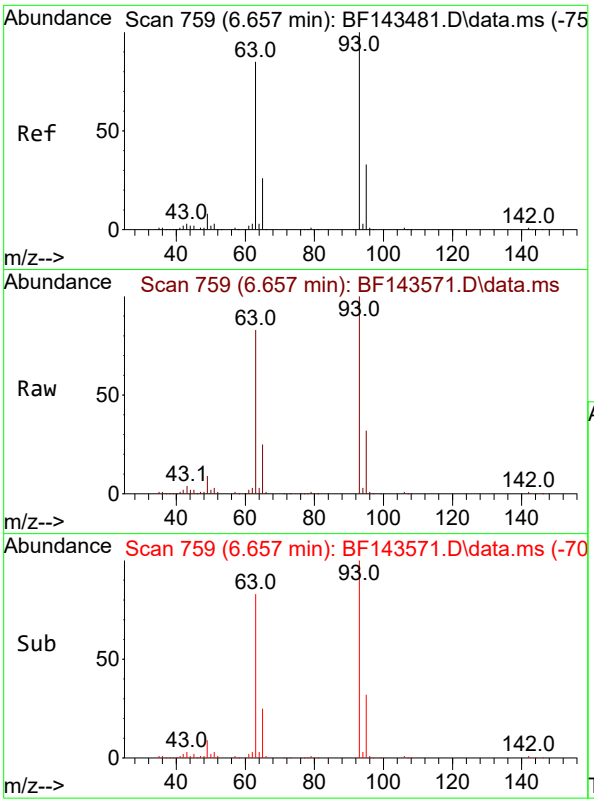


#10
Phenol
Concen: 16.694 ng
RT: 6.575 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion: 94 Resp: 144428

Ion	Ratio	Lower	Upper
94	100		
65	44.0	19.5	59.5
66	72.4	42.5	82.5

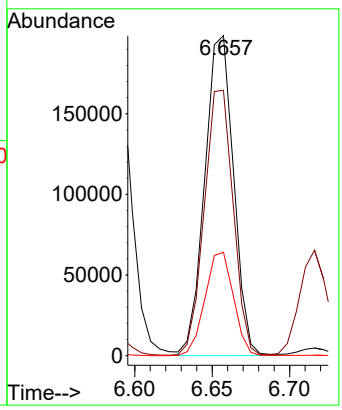




#11
bis(2-Chloroethyl)ether
Concen: 39.784 ng
RT: 6.657 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion: 93 Resp: 25719

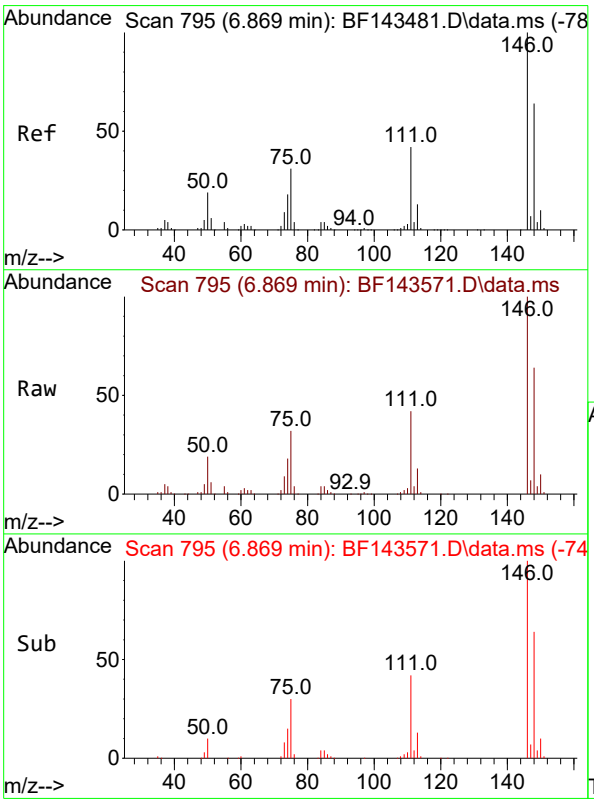
Ion	Ratio	Lower	Upper
93	100		
63	83.0	63.6	103.6
95	32.3	12.8	52.8



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
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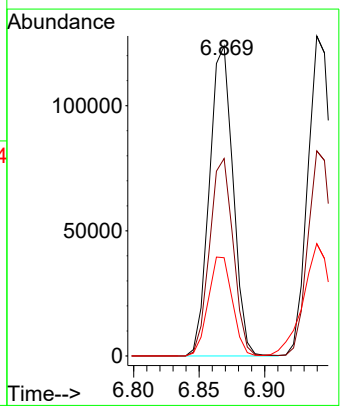
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

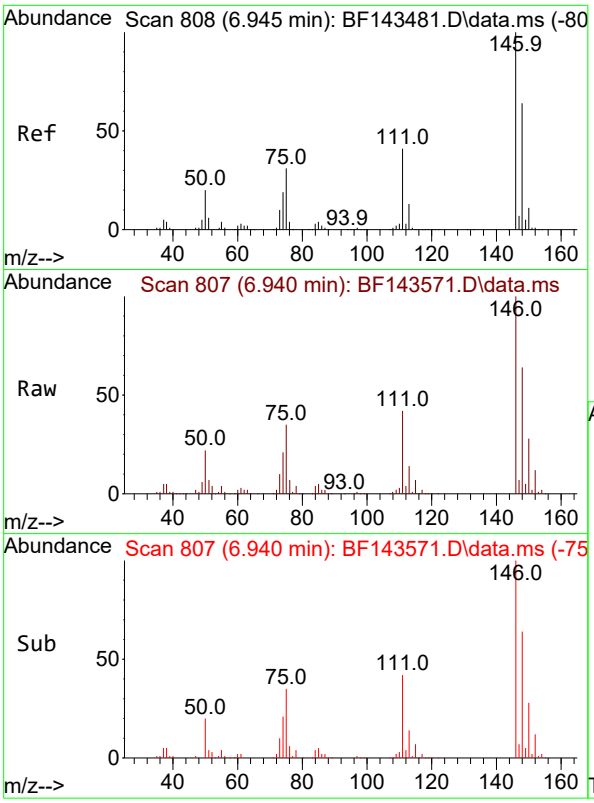


#12
1,3-Dichlorobenzene
Concen: 20.579 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:146 Resp: 155361

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.3	76.9
75	31.7	24.7	37.1

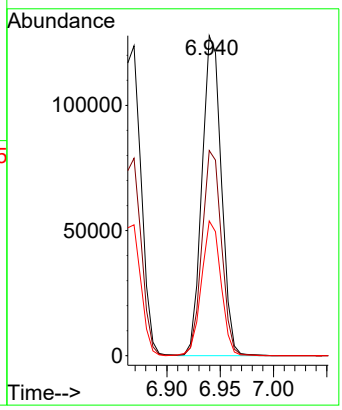




#13
1,4-Dichlorobenzene
Concen: 21.343 ng
RT: 6.940 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:146 Resp: 16163

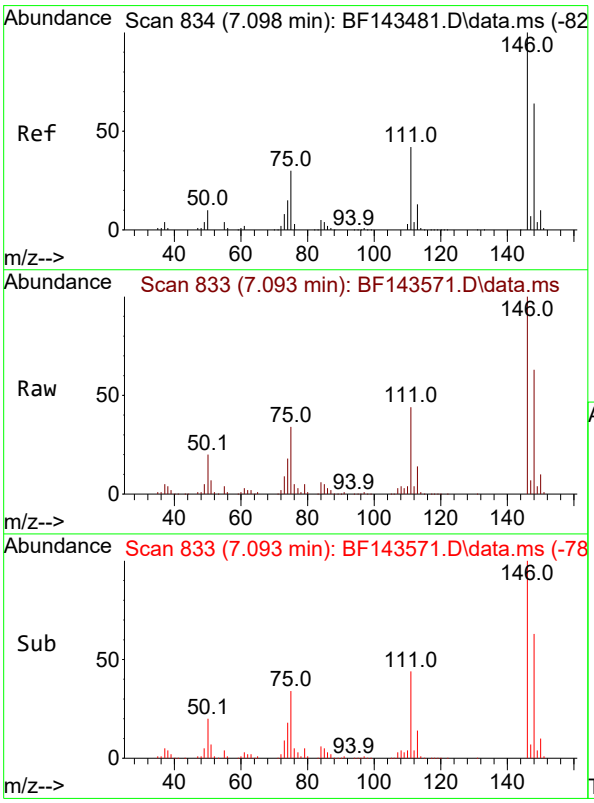
Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.5	77.3
111	42.1	32.6	49.0



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
APPROVED

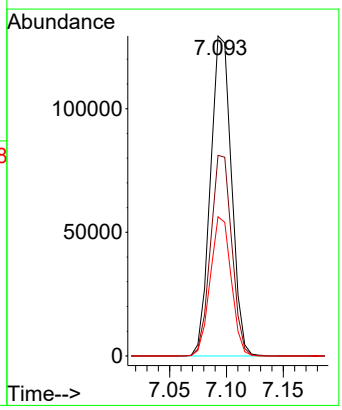
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

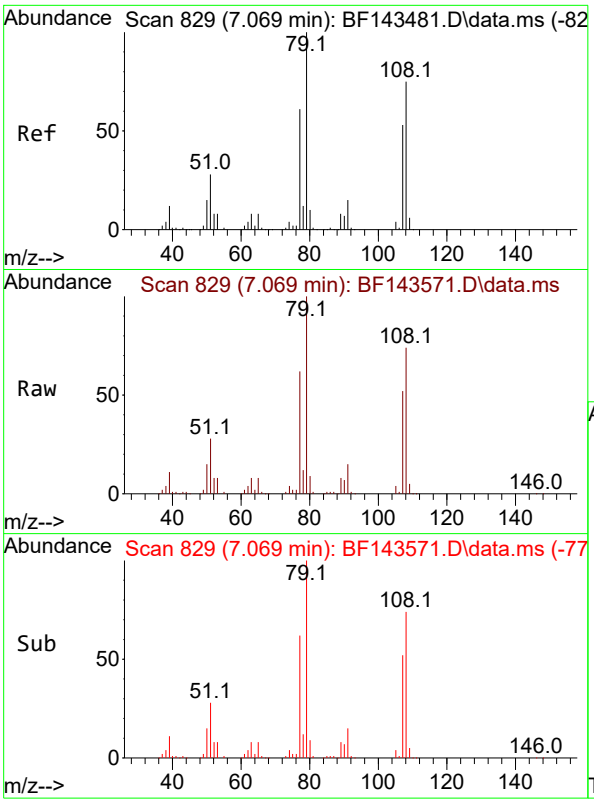


#14
1,2-Dichlorobenzene
Concen: 23.216 ng
RT: 7.093 min Scan# 833
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:146 Resp: 166465

Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.0	76.6
111	43.5	34.0	51.0





#15
Benzyl Alcohol
Concen: 37.217 ng
RT: 7.069 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

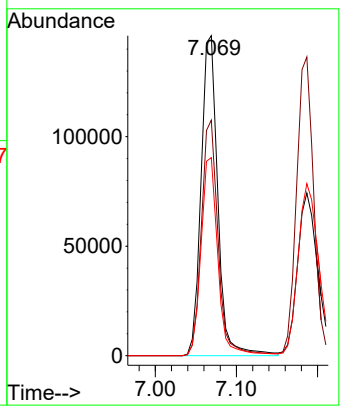
Tgt Ion: 79 Resp: 20925

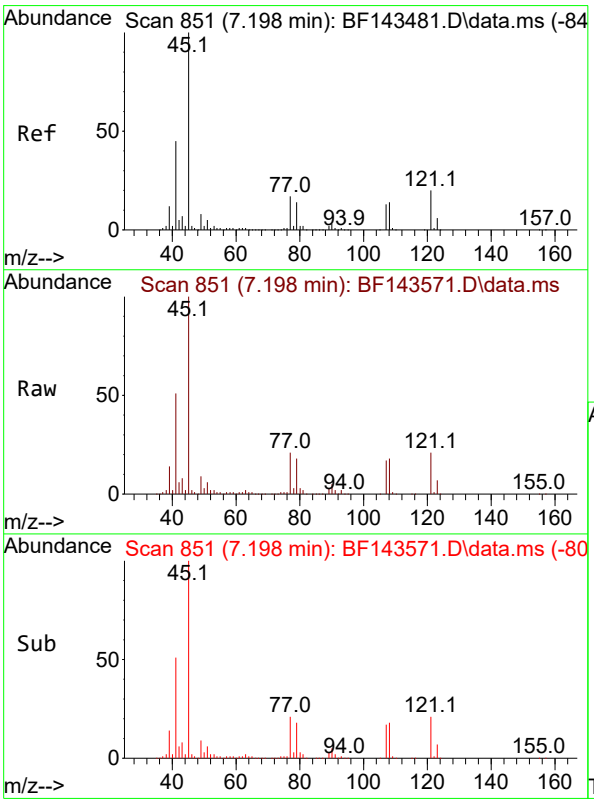
Ion	Ratio	Lower	Upper
79	100		
108	73.6	59.8	89.6
77	61.9	49.0	73.4

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
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Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

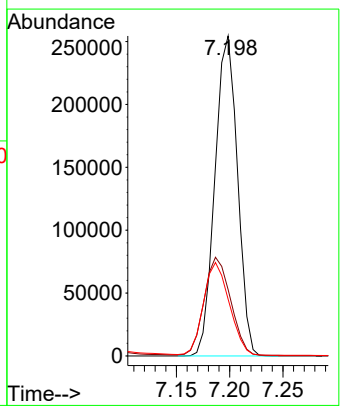


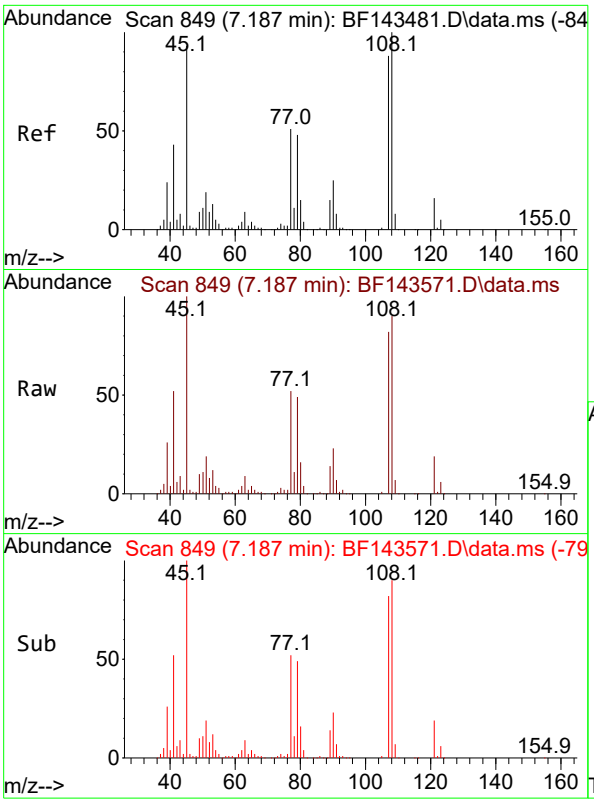


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.179 ng
RT: 7.198 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion: 45 Resp: 374192

Ion	Ratio	Lower	Upper
45	100		
77	20.8	0.0	37.9
79	17.8	0.0	34.7

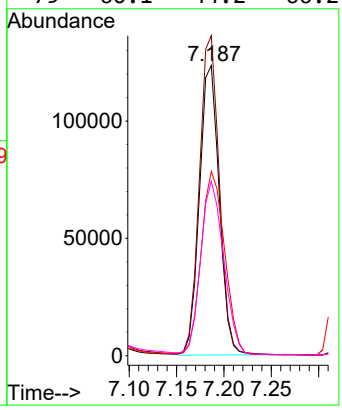




#17
2-Methylphenol
Concen: 33.323 ng
RT: 7.187 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:107 Resp: 17970

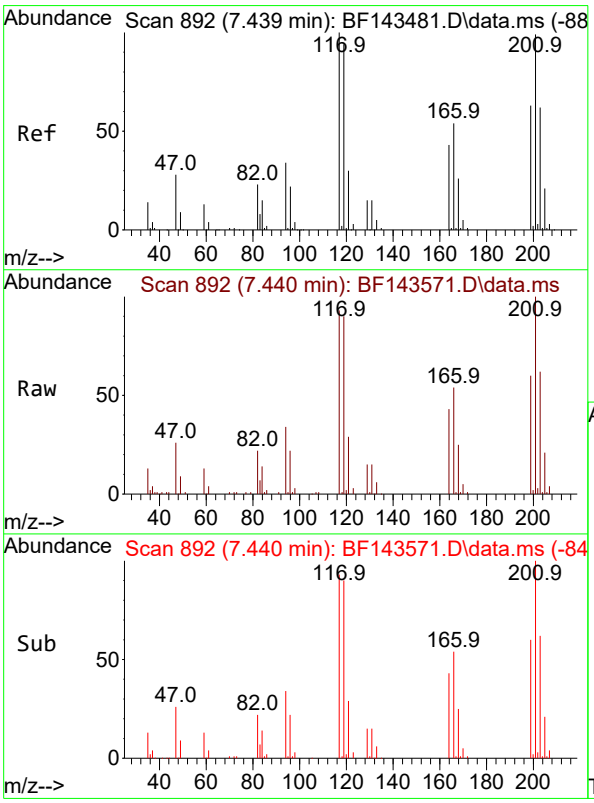
Ion	Ratio	Lower	Upper
107	100		
108	110.3	91.1	136.7
77	63.5	46.2	69.4
79	60.1	44.2	66.2



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
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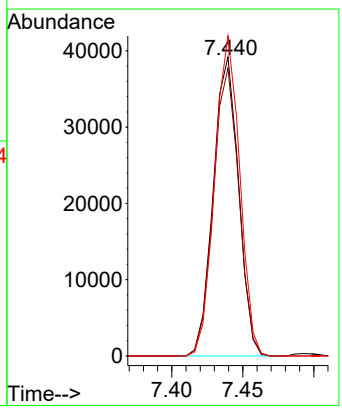
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

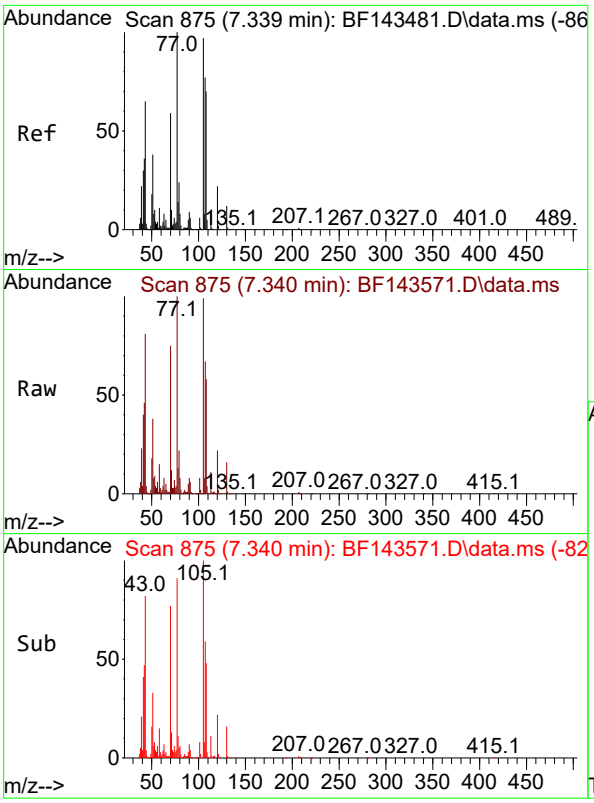


#18
Hexachloroethane
Concen: 18.907 ng
RT: 7.440 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:117 Resp: 48682

Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.4	113.0
201	107.0	79.0	118.4

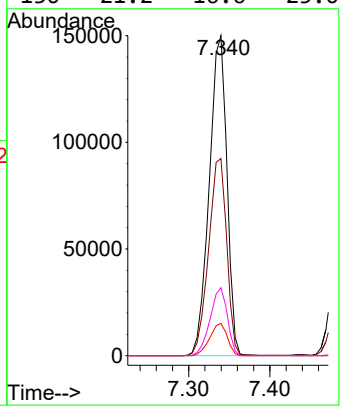




#19
n-Nitroso-di-n-propylamine
Concen: 49.399 ng
RT: 7.340 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion: 70 Resp: 22674

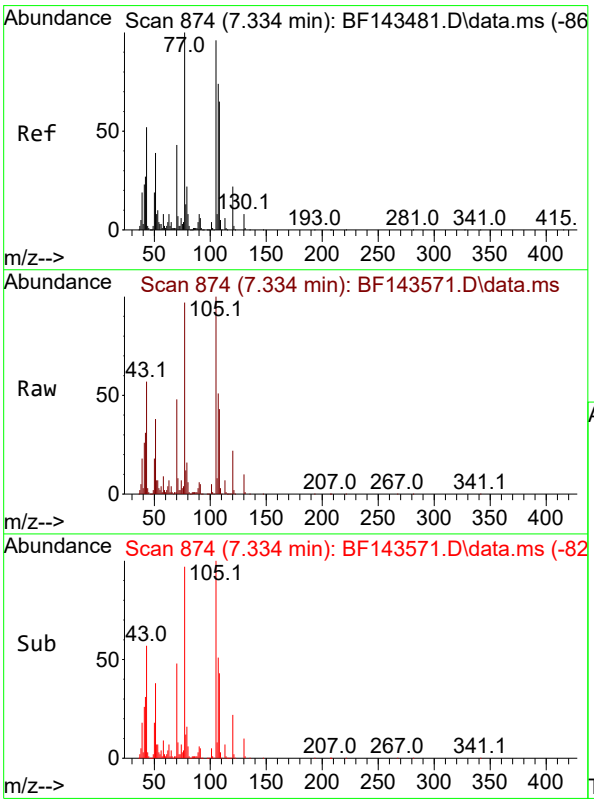
Ion	Ratio	Lower	Upper
70	100		
42	61.6	49.3	73.9
101	10.1	7.8	11.8
130	21.2	16.6	25.0



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
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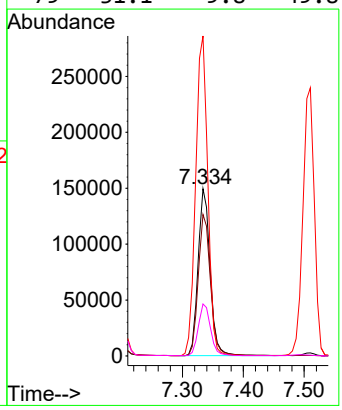
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

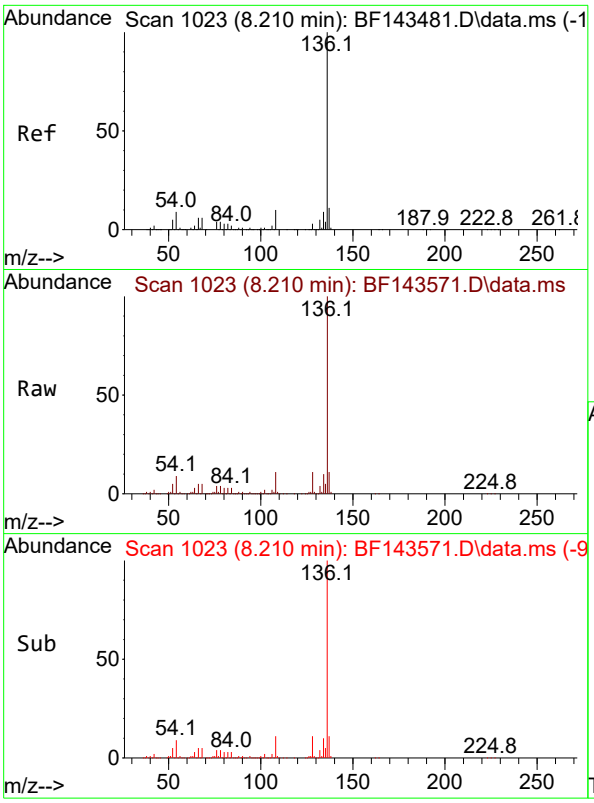


#20
3+4-Methylphenols
Concen: 31.868 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:107 Resp: 205160

Ion	Ratio	Lower	Upper
107	100		
108	84.6	68.4	108.4
77	191.4	116.1	156.1#
79	31.1	9.8	49.8

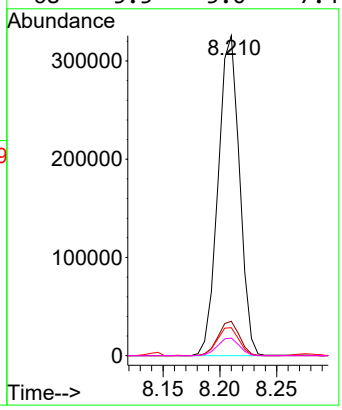




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:136 Resp: 42692

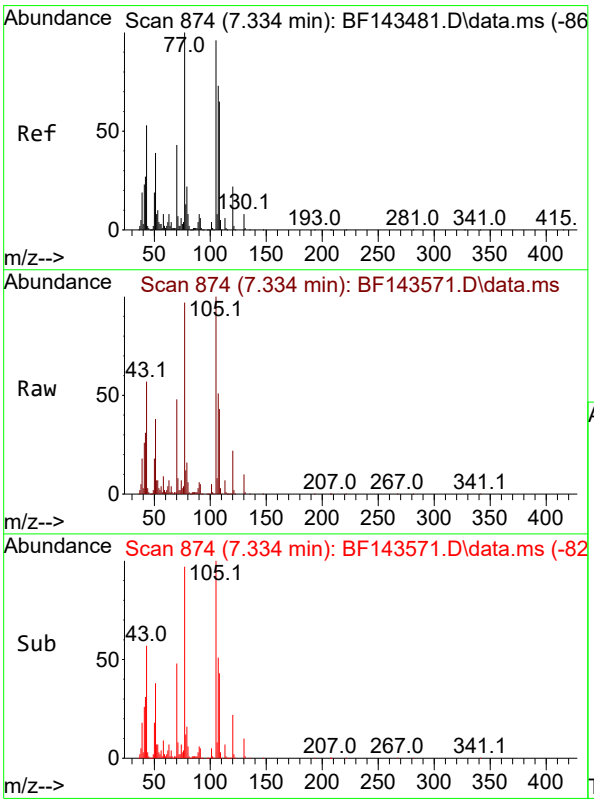
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	8.7	7.4	11.2
68	5.5	5.0	7.4



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
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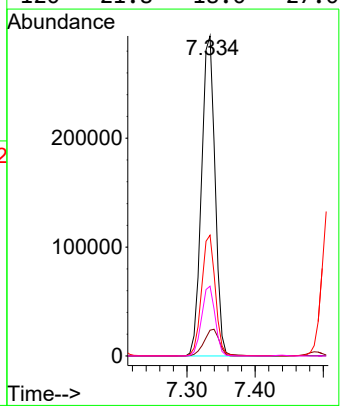
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

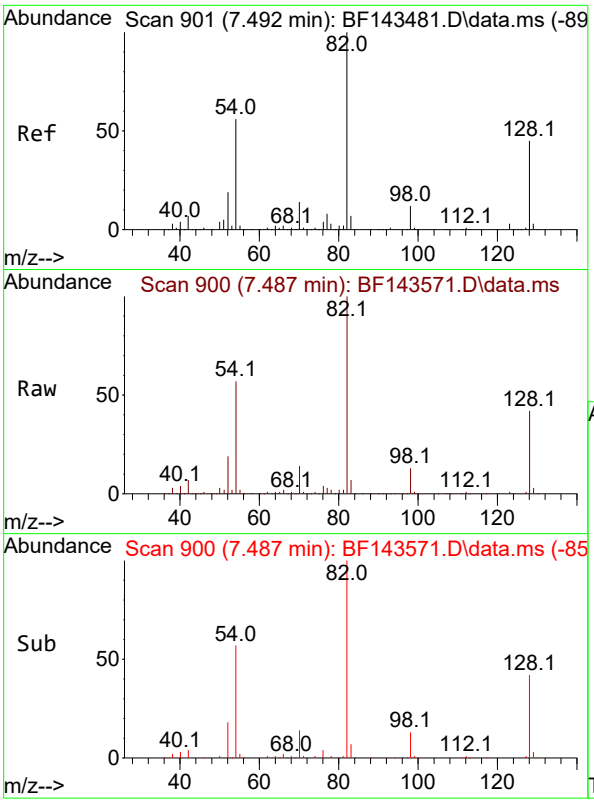


#22
Acetophenone
Concen: 43.956 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:105 Resp: 405430

Ion	Ratio	Lower	Upper
105	100		
71	8.0	5.9	8.9
51	37.8	32.5	48.7
120	21.8	18.0	27.0

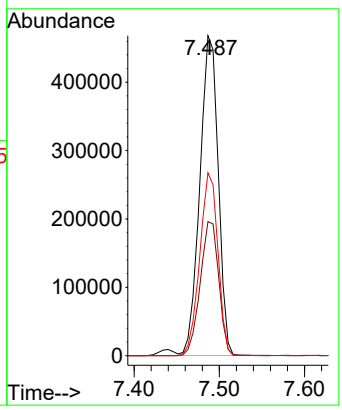




#23
Nitrobenzene-d5
Concen: 95.669 ng
RT: 7.487 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion: 82 Resp: 69992

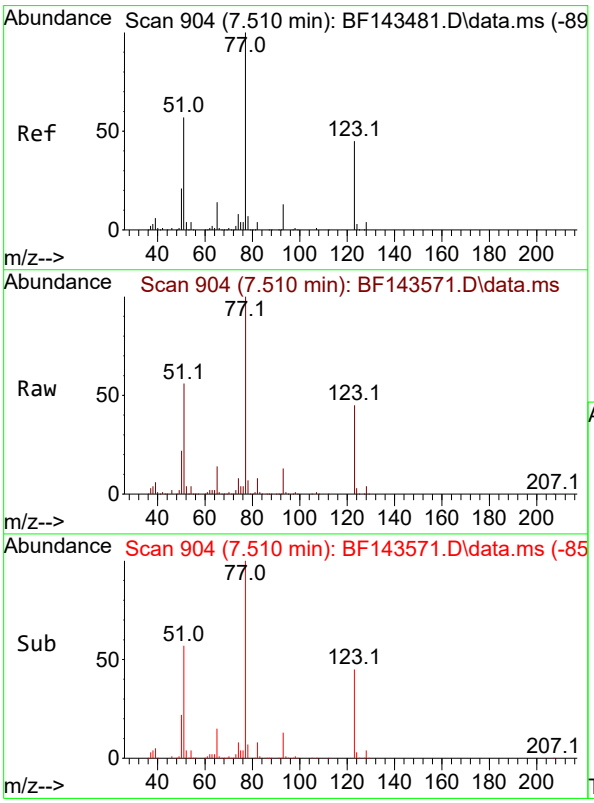
Ion	Ratio	Lower	Upper
82	100		
128	41.9	35.5	53.3
54	57.1	44.3	66.5



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

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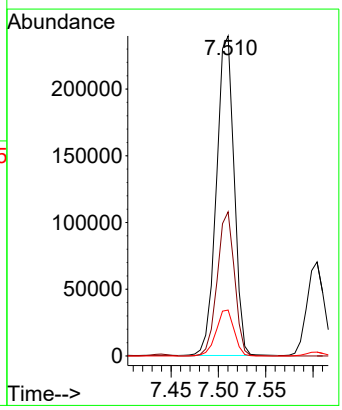
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

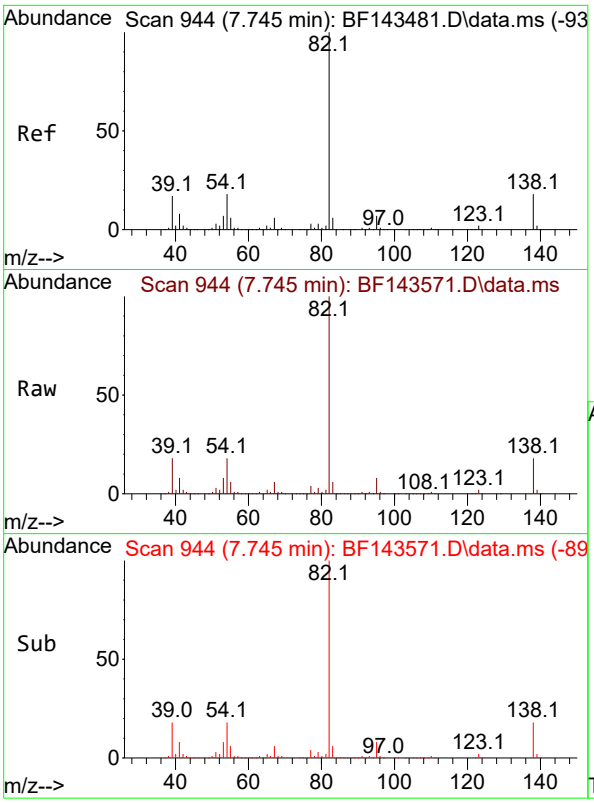


#24
Nitrobenzene
Concen: 41.357 ng
RT: 7.510 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion: 77 Resp: 311412

Ion	Ratio	Lower	Upper
77	100		
123	45.0	36.1	54.1
65	14.3	11.0	16.6

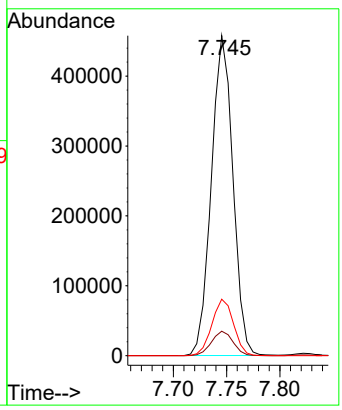




#25
Isophorone
Concen: 48.028 ng
RT: 7.745 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion: 82 Resp: 64411

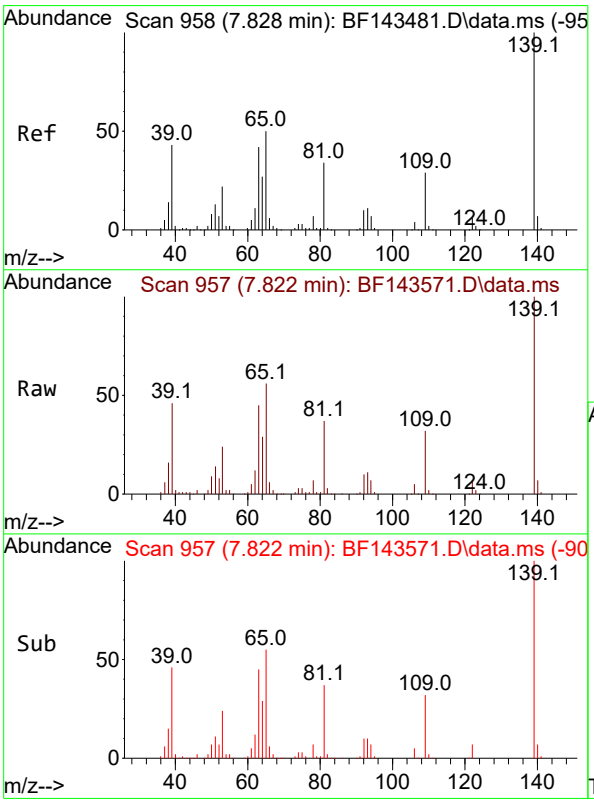
Ion	Ratio	Lower	Upper
82	100		
95	7.7	5.8	8.8
138	17.6	14.2	21.4



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
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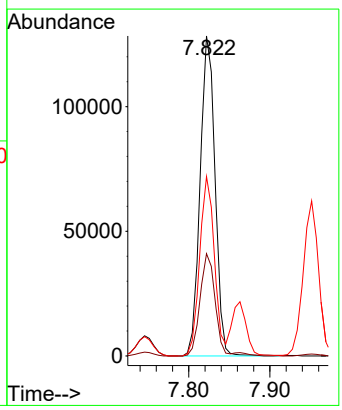
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

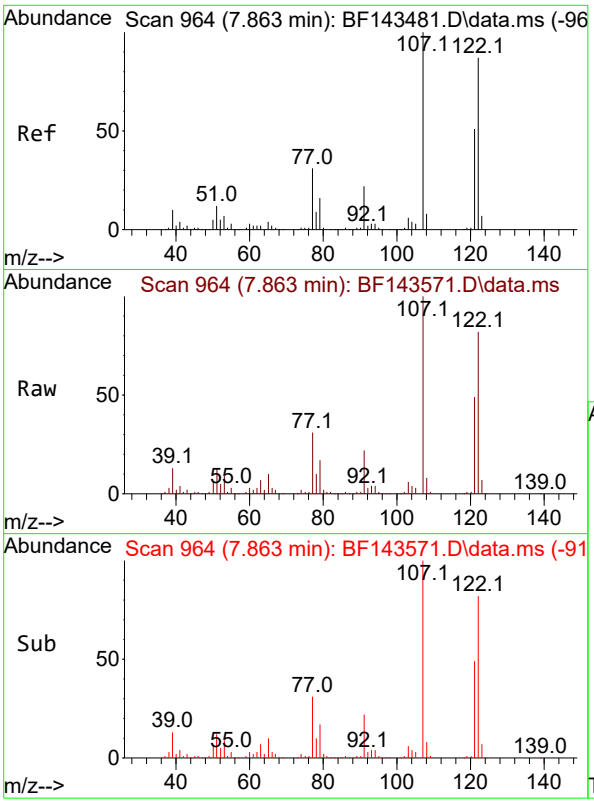


#26
2-Nitrophenol
Concen: 44.466 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:139 Resp: 164011

Ion	Ratio	Lower	Upper
139	100		
109	32.0	23.0	34.6
65	56.0	40.3	60.5

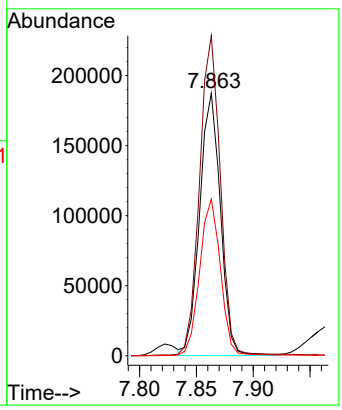




#27
2,4-Dimethylphenol
Concen: 41.413 ng
RT: 7.863 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:122 Resp: 23811

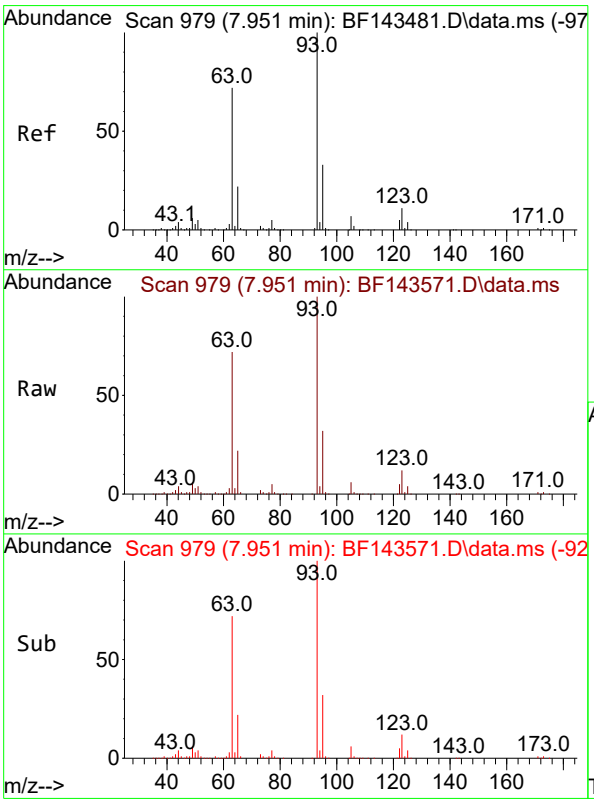
Ion	Ratio	Lower	Upper
122	100		
107	121.9	91.5	137.3
121	59.7	47.0	70.4



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
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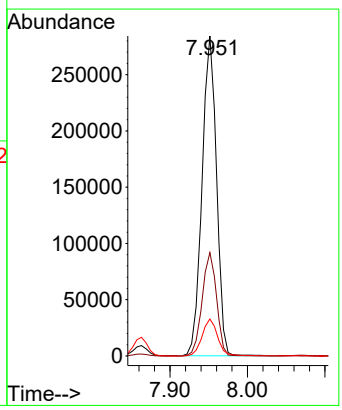
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

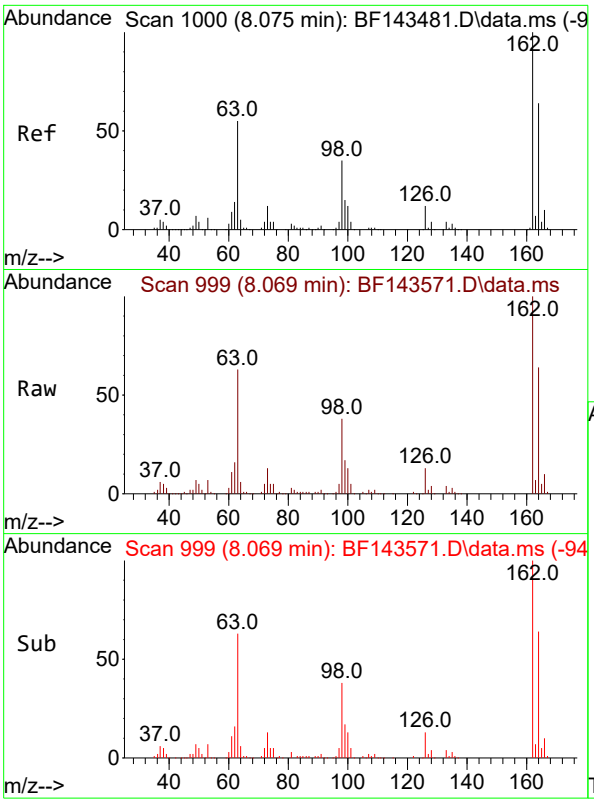


#28
bis(2-Chloroethoxy)methane
Concen: 44.697 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion: 93 Resp: 368386

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.0	39.0
123	11.6	9.1	13.7

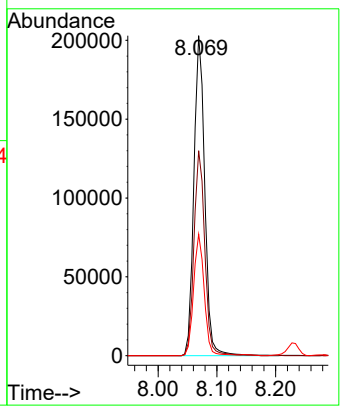




#29
2,4-Dichlorophenol
Concen: 42.490 ng
RT: 8.069 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:162 Resp: 26092

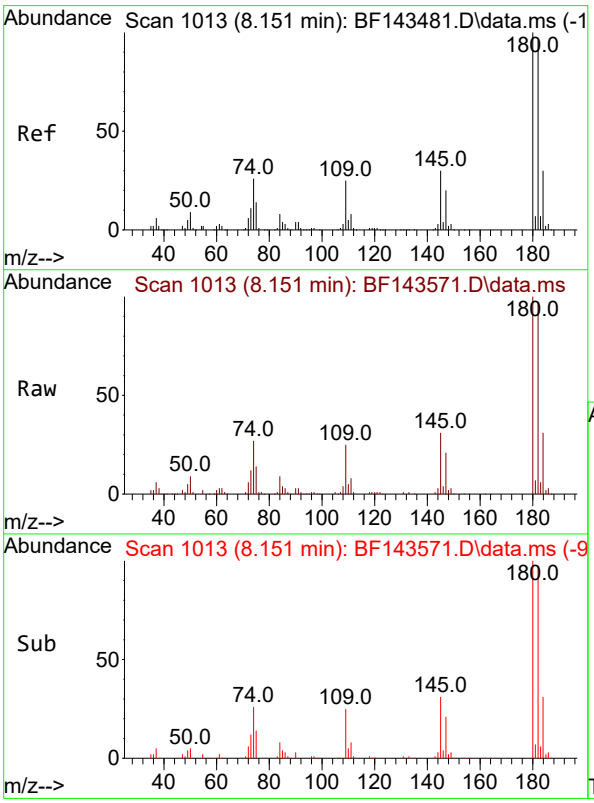
Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.5	83.5
98	38.0	15.1	55.1



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
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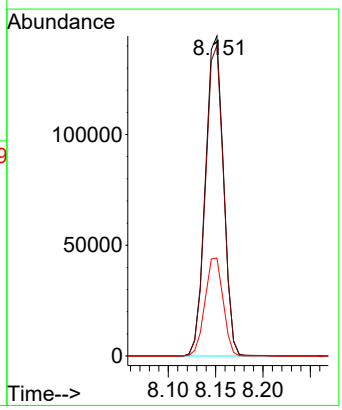
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

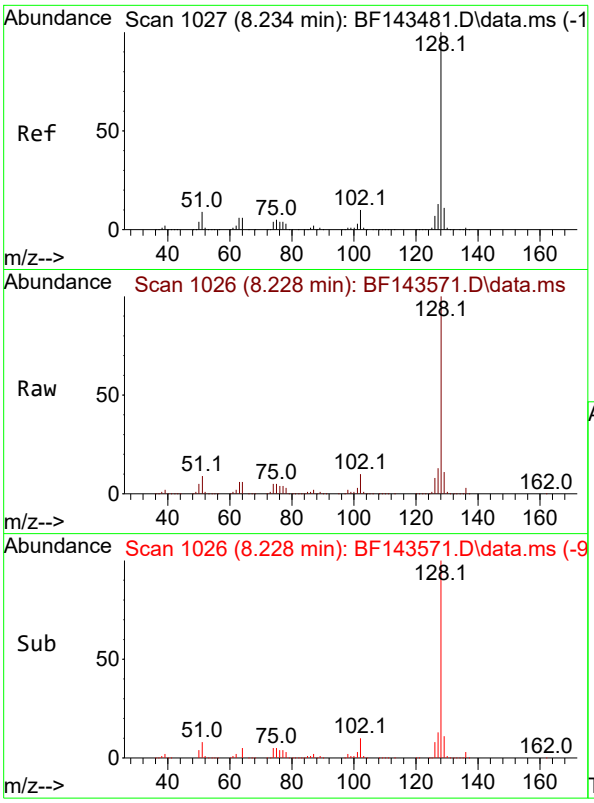


#30
1,2,4-Trichlorobenzene
Concen: 30.294 ng
RT: 8.151 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:180 Resp: 191267

Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.6	114.8
145	30.6	24.3	36.5





#31
Naphthalene
Concen: 33.067 ng
RT: 8.228 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

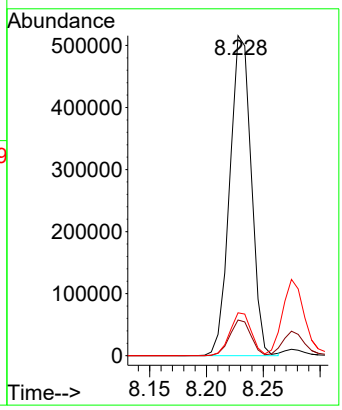
Tgt Ion:128 Resp: 67776

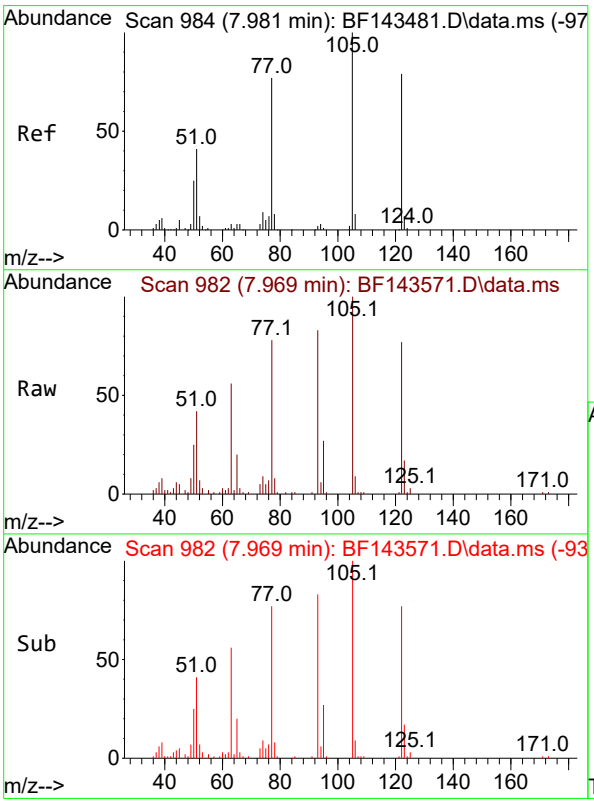
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.4	10.6	16.0

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
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Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

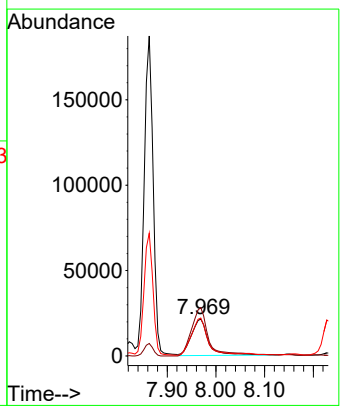


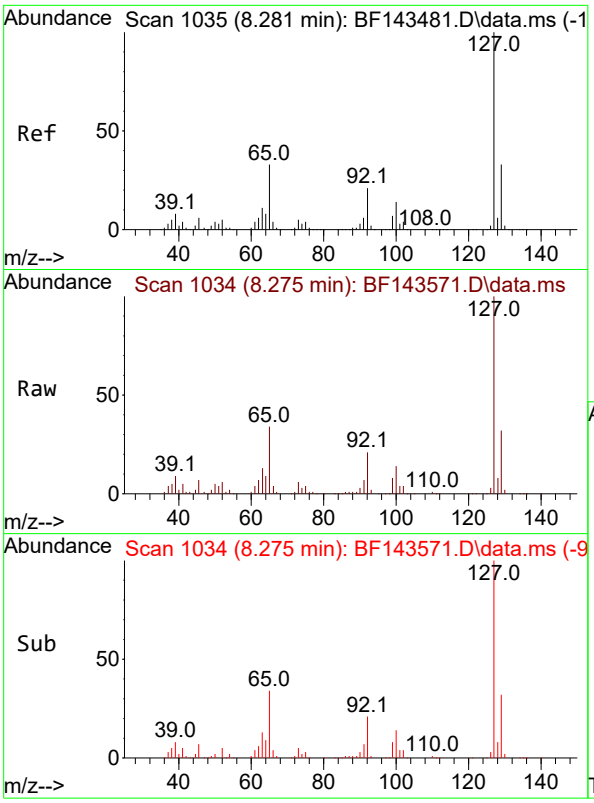


#32
Benzoic acid
Concen: 19.534 ng
RT: 7.969 min Scan# 982
Delta R.T. -0.041 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:122 Resp: 51700

Ion	Ratio	Lower	Upper
122	100		
105	130.4	104.7	144.7
77	102.3	77.3	117.3

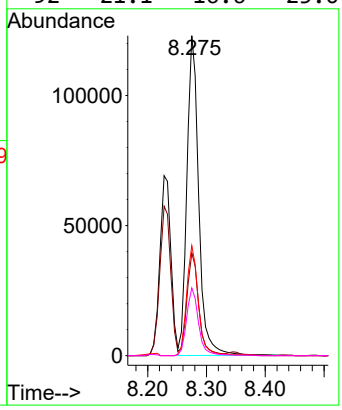




#33
4-Chloroaniline
Concen: 23.578 ng
RT: 8.275 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:127 Resp: 17152

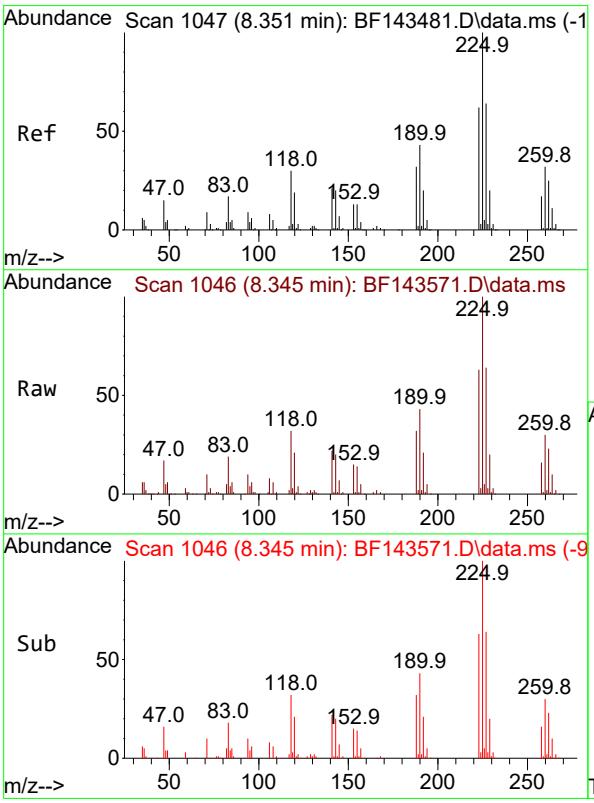
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.1	39.1
65	34.3	26.2	39.2
92	21.1	16.6	25.0



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
APPROVED

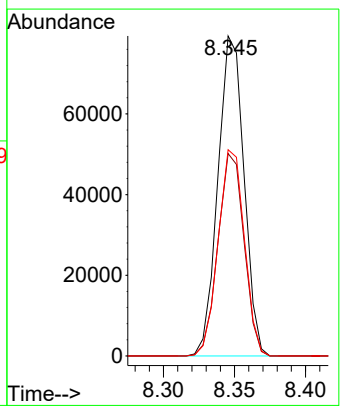
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

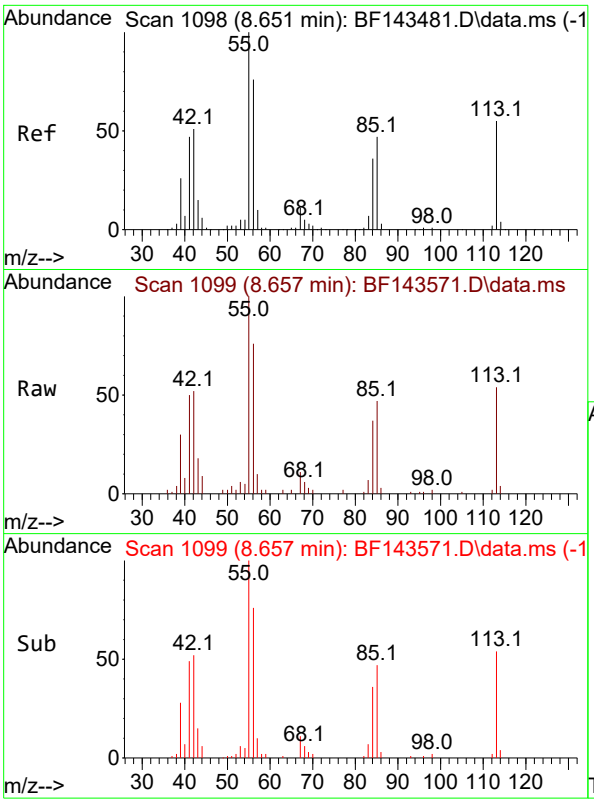


#34
Hexachlorobutadiene
Concen: 24.564 ng
RT: 8.345 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:225 Resp: 101181

Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.9	74.9
227	64.5	50.9	76.3

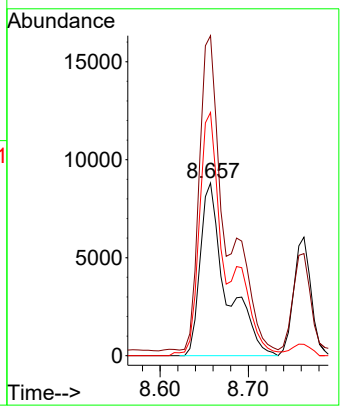




#35
Caprolactam
Concen: 12.333 ng m
RT: 8.657 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:113 Resp: 1817

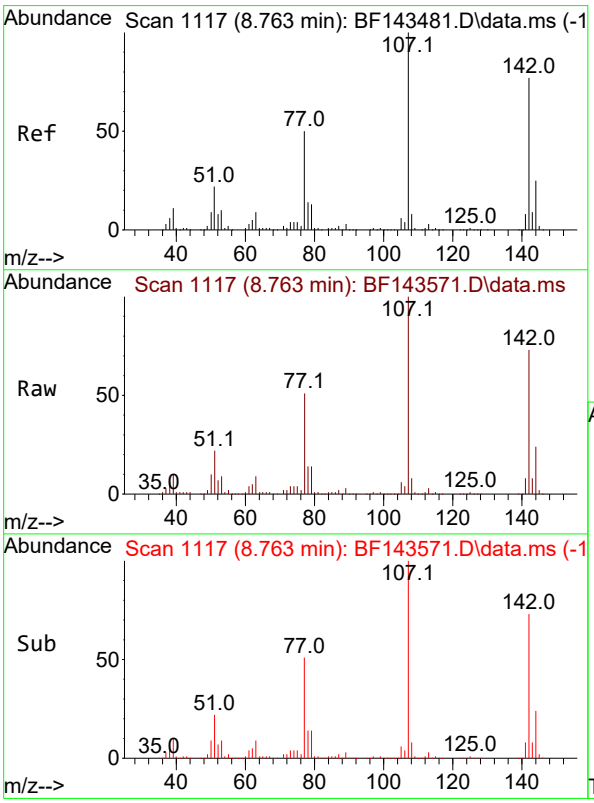
Ion	Ratio	Lower	Upper
113	100		
55	185.3	162.8	202.8
56	140.9	118.1	158.1



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
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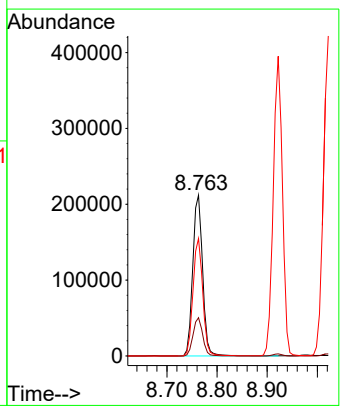
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

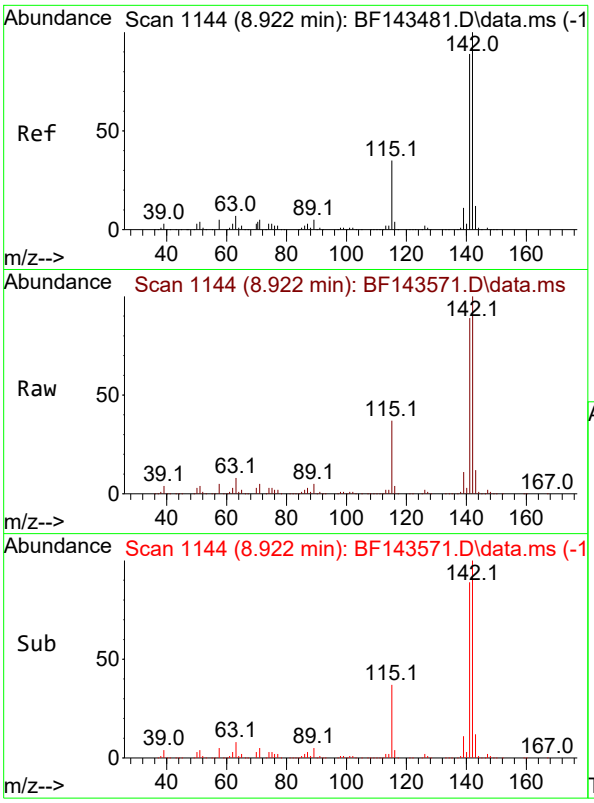


#36
4-Chloro-3-methylphenol
Concen: 46.944 ng
RT: 8.763 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:107 Resp: 288896

Ion	Ratio	Lower	Upper
107	100		
144	23.7	19.9	29.9
142	73.0	61.8	92.8

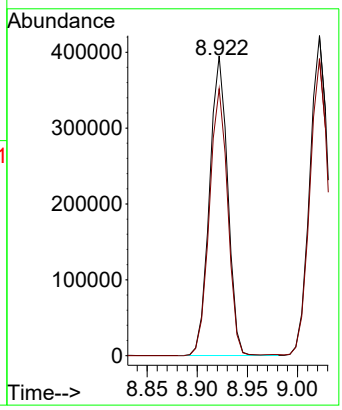




#37
2-Methylnaphthalene
Concen: 36.446 ng
RT: 8.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:142 Resp: 49892

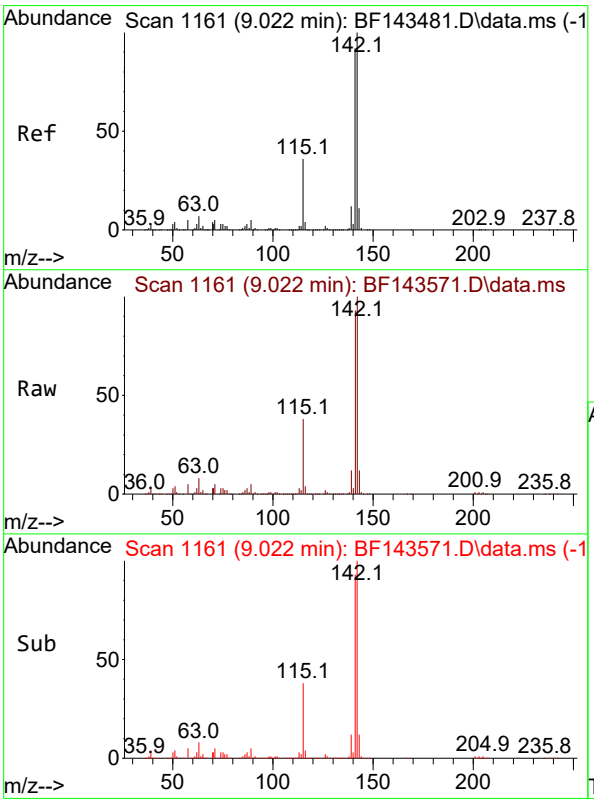
Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.4



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
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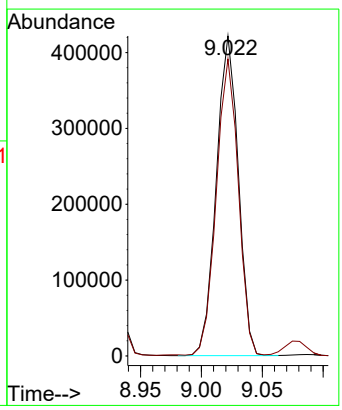
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

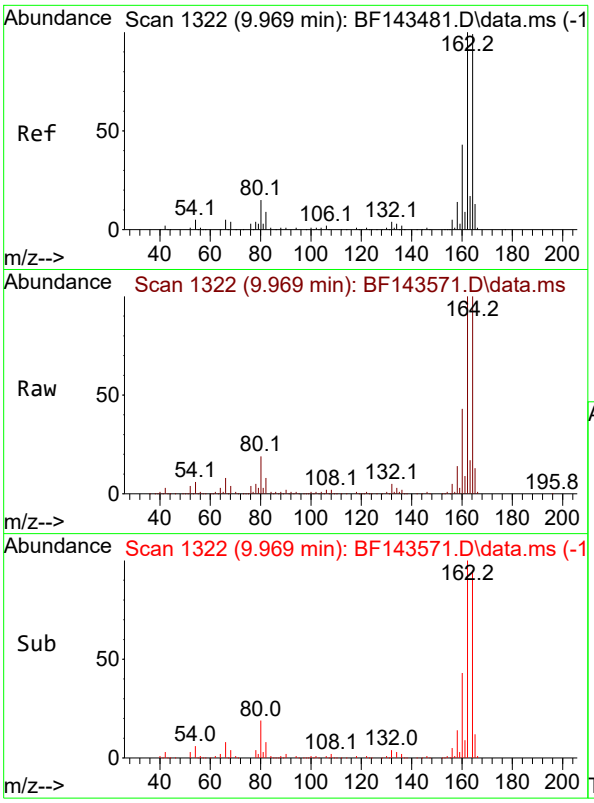


#38
1-Methylnaphthalene
Concen: 40.508 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:142 Resp: 530441

Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.3	109.9

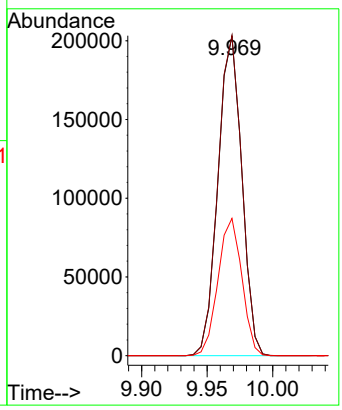




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:164 Resp: 25581

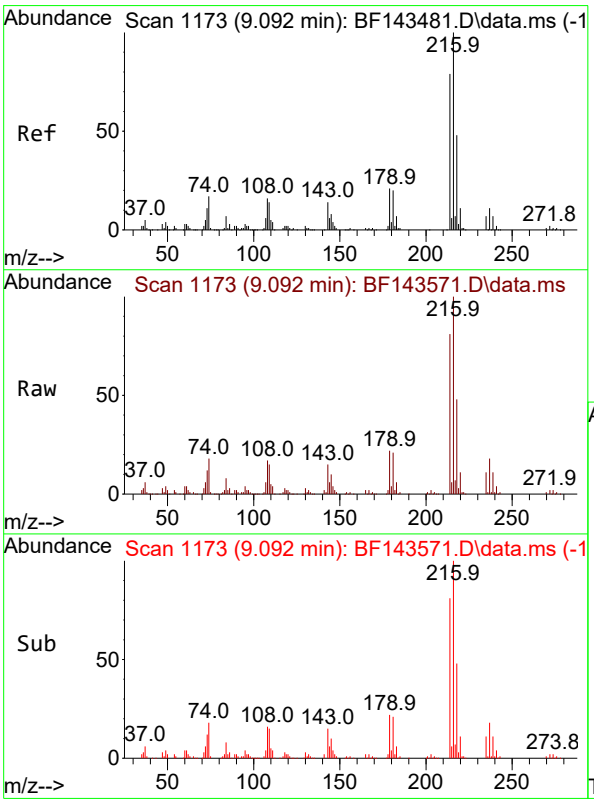
Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.5	120.7
160	43.0	34.3	51.5



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
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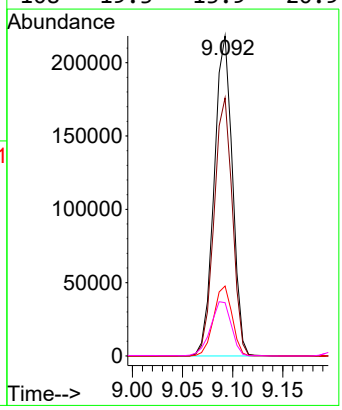
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

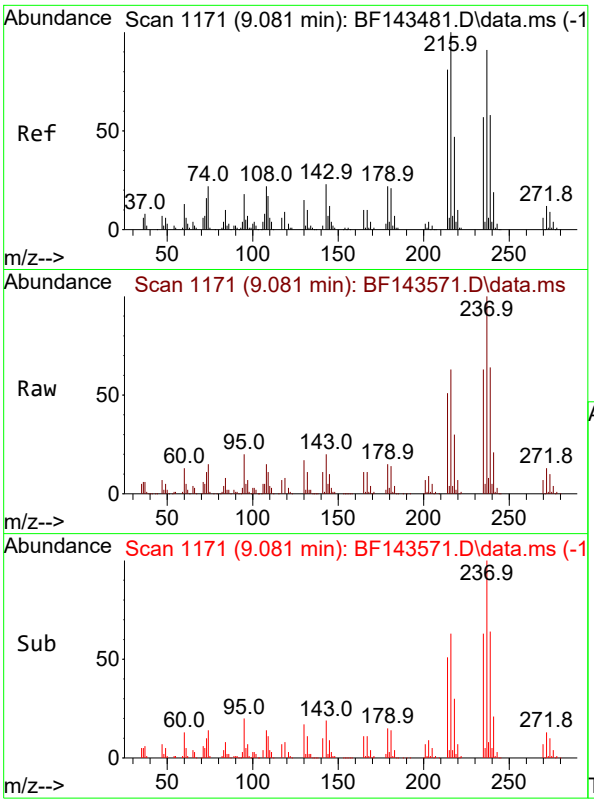


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.792 ng
RT: 9.092 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:216 Resp: 276537

Ion	Ratio	Lower	Upper
216	100		
214	80.7	63.4	95.0
179	22.1	16.5	24.7
108	19.3	13.9	20.9





#41
Hexachlorocyclopentadiene
Concen: 75.748 ng
RT: 9.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

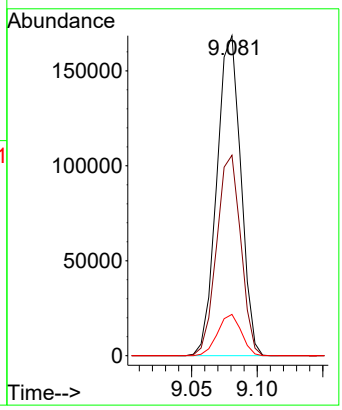
Tgt Ion:237 Resp: 21430

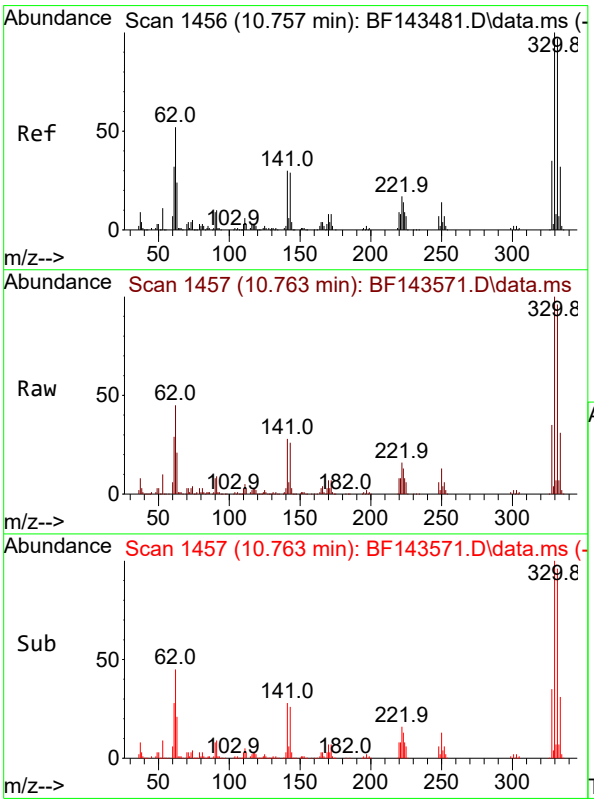
Ion	Ratio	Lower	Upper
237	100		
235	62.6	42.6	82.6
272	12.9	0.0	33.4

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

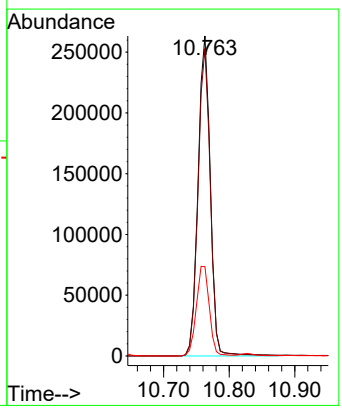


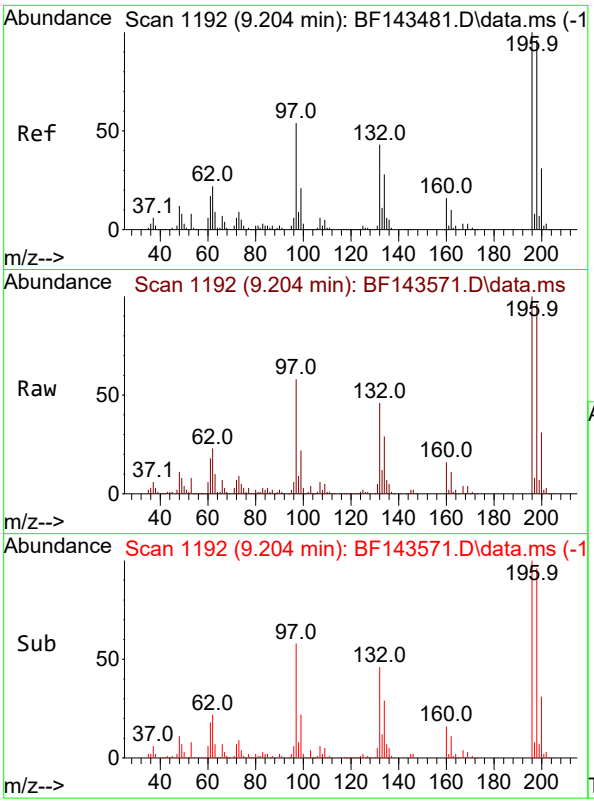


#42
2,4,6-Tribromophenol
Concen: 144.357 ng
RT: 10.763 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:330 Resp: 343754

Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.0	117.0
141	29.6	23.7	35.5

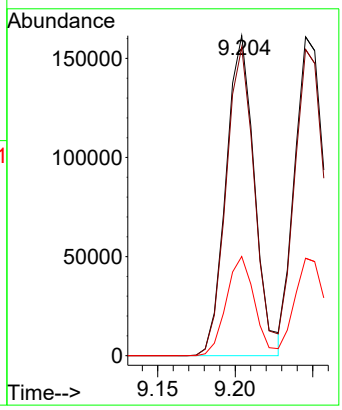




#43
2,4,6-Trichlorophenol
Concen: 45.854 ng
RT: 9.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:196 Resp: 20645

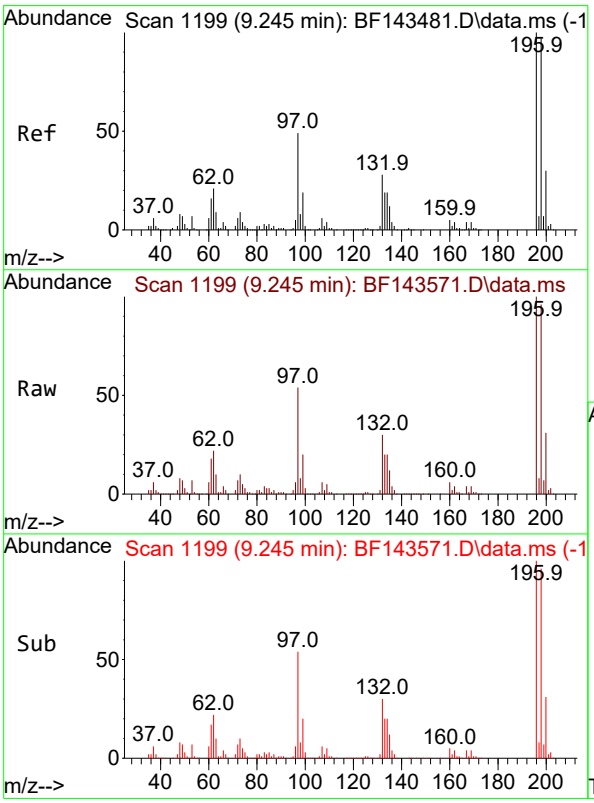
Ion	Ratio	Lower	Upper
196	100		
198	96.4	77.0	115.4
200	31.0	24.6	37.0



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

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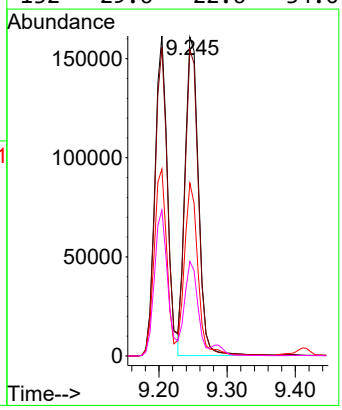
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

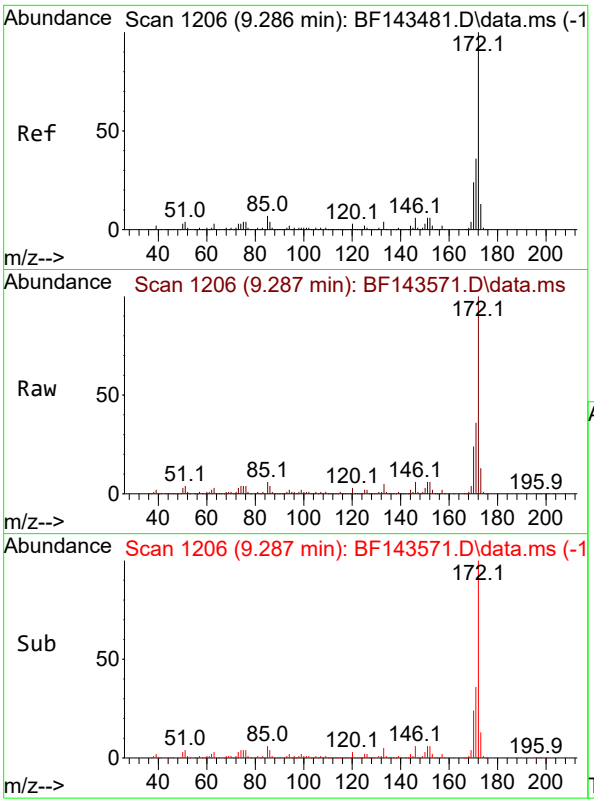


#44
2,4,5-Trichlorophenol
Concen: 44.599 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:196 Resp: 219346

Ion	Ratio	Lower	Upper
196	100		
198	96.1	77.3	115.9
97	54.2	40.0	60.0
132	29.6	22.6	34.0

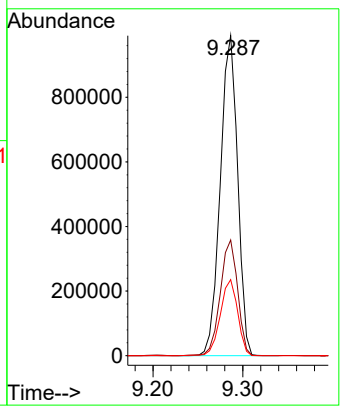




#45
2-Fluorobiphenyl
Concen: 85.852 ng
RT: 9.287 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:172 Resp: 132889

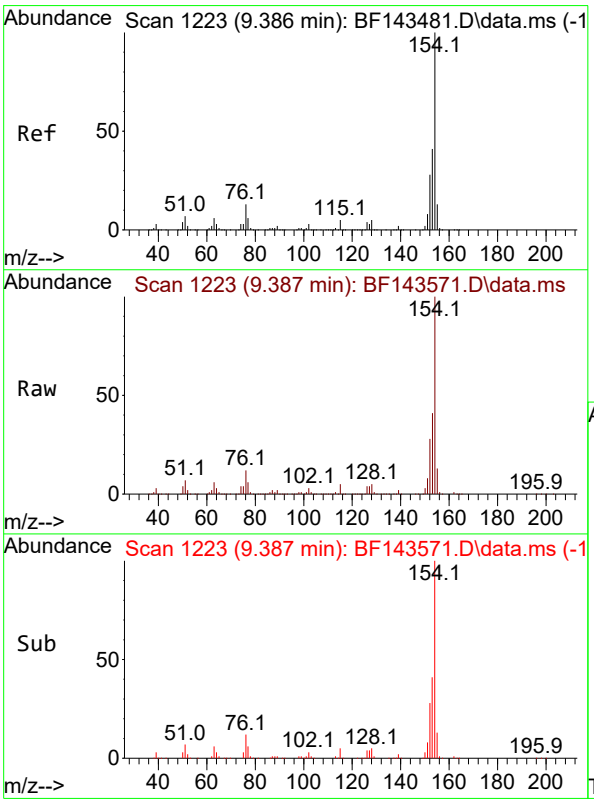
Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.8	43.2
170	23.8	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
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Manual Integrations
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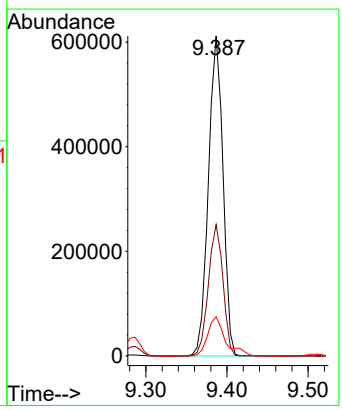
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

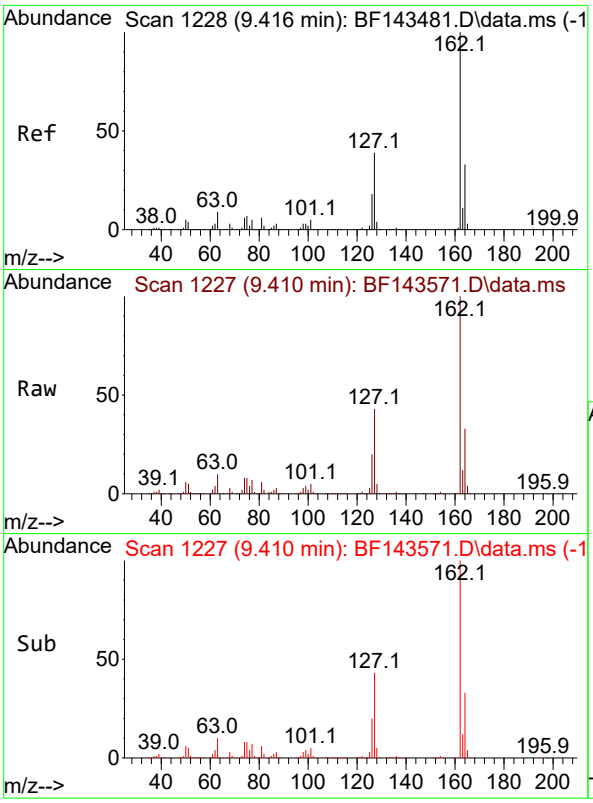


#46
1,1'-Biphenyl
Concen: 41.866 ng
RT: 9.387 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:154 Resp: 760176

Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.6	60.6
76	12.3	0.0	33.0

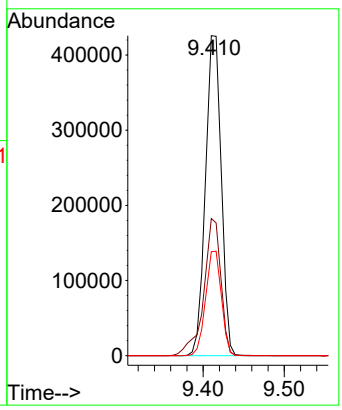




#47
2-Chloronaphthalene
Concen: 40.323 ng
RT: 9.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:162 Resp: 57446

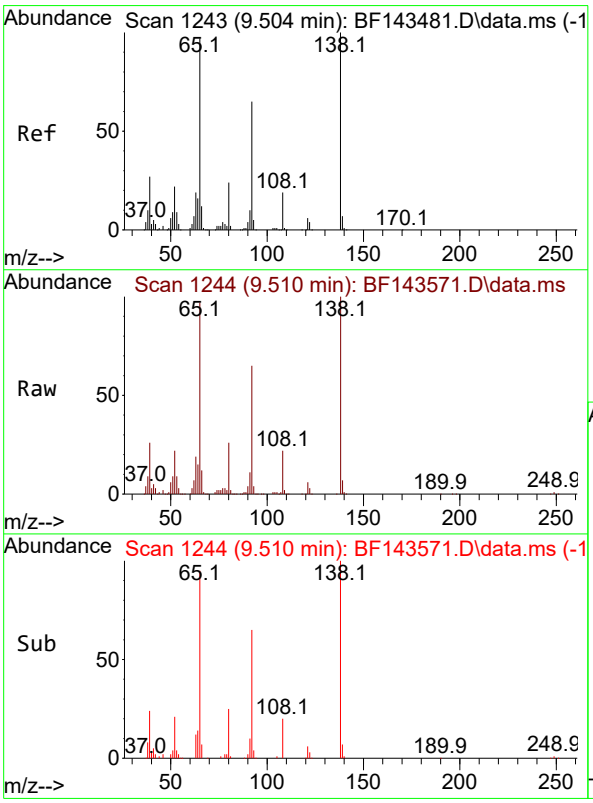
Ion	Ratio	Lower	Upper
162	100		
127	42.9	31.8	47.6
164	32.5	26.4	39.6



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
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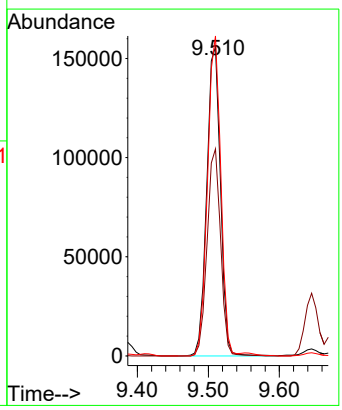
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

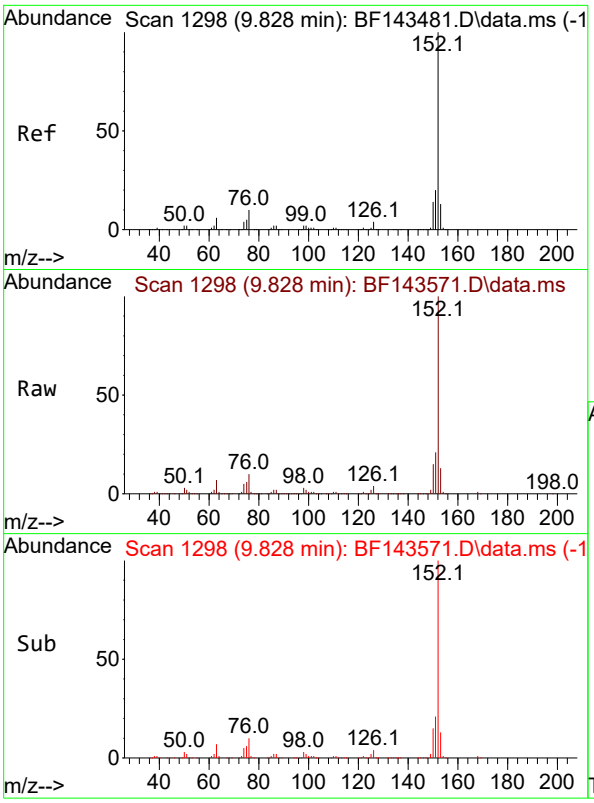


#48
2-Nitroaniline
Concen: 50.137 ng
RT: 9.510 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion: 65 Resp: 209045

Ion	Ratio	Lower	Upper
65	100		
92	67.0	53.8	80.6
138	103.5	82.4	123.6





#49
Acenaphthylene
Concen: 47.965 ng
RT: 9.828 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

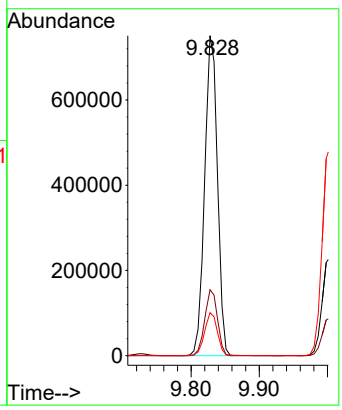
Tgt Ion:152 Resp: 97844

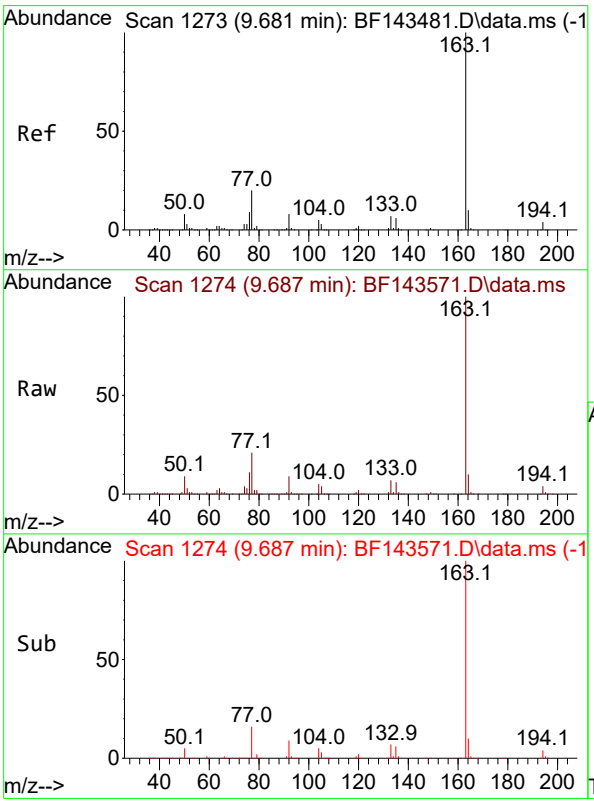
Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4
153	13.4	10.6	15.8

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

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Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

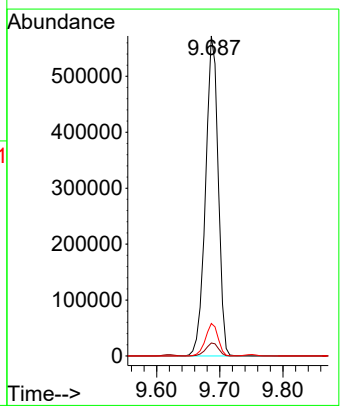


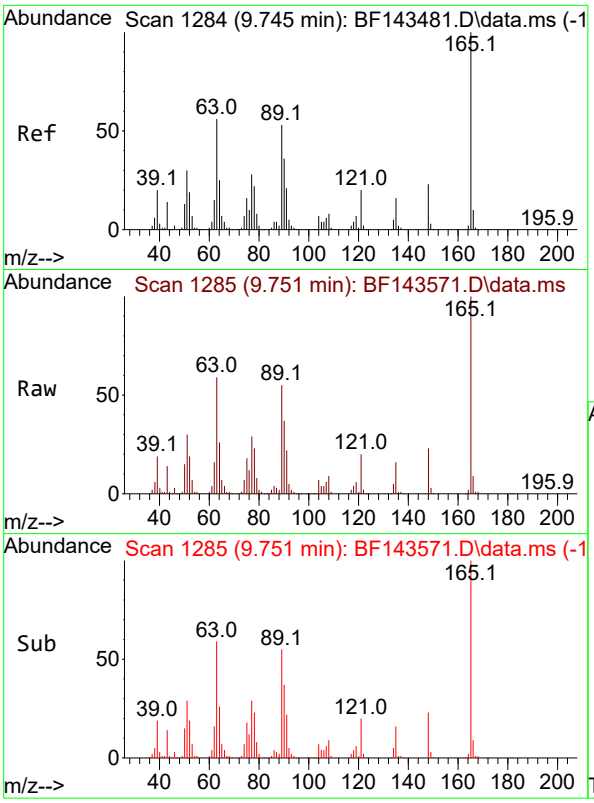


#50
Dimethylphthalate
Concen: 51.818 ng
RT: 9.687 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:163 Resp: 798362

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.1	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 53.083 ng
RT: 9.751 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

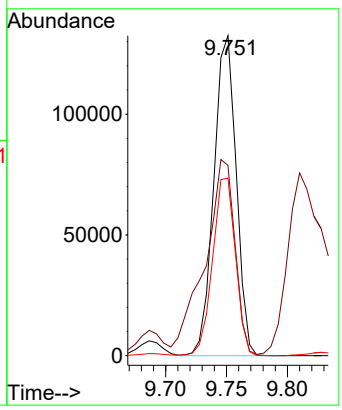
Tgt Ion:165 Resp: 16950

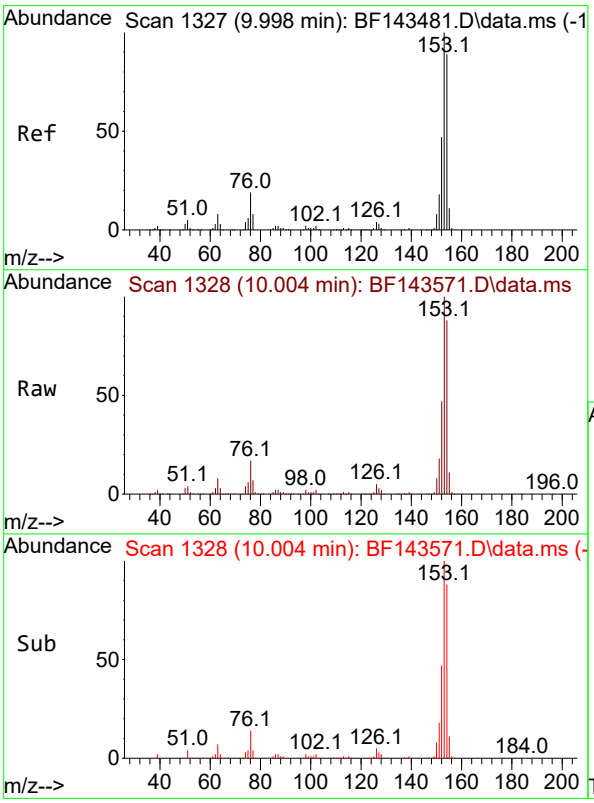
Ion	Ratio	Lower	Upper
165	100		
63	59.4	45.0	67.6
89	55.5	42.5	63.7

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

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Reviewed By :Rahul Chavli 08/25/2025
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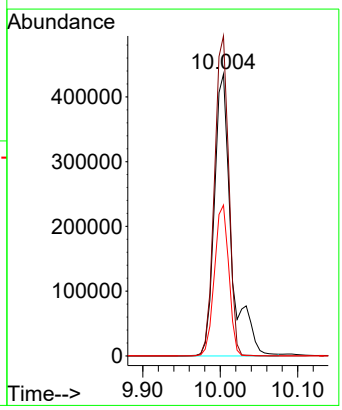


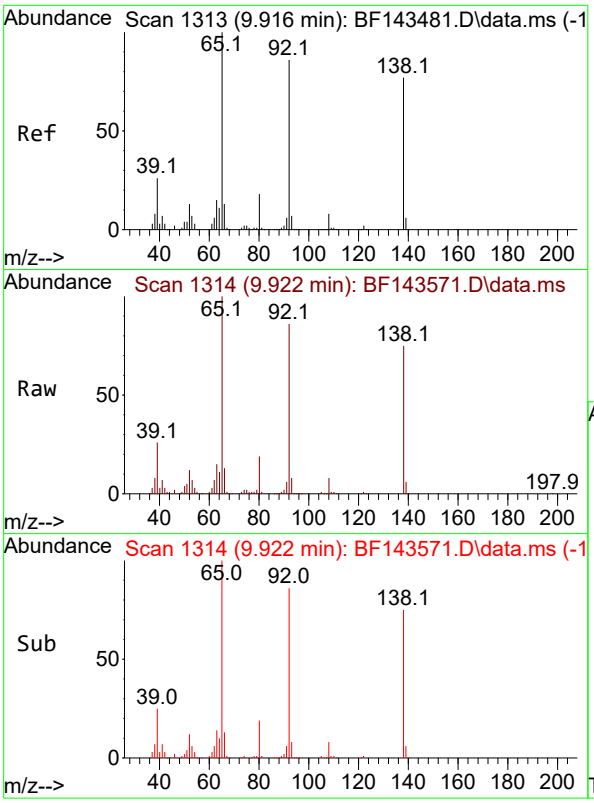


#52
Acenaphthene
Concen: 48.107 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:154 Resp: 666294

Ion	Ratio	Lower	Upper
154	100		
153	113.5	89.5	134.3
152	53.5	42.5	63.7





#53
3-Nitroaniline
Concen: 28.775 ng
RT: 9.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

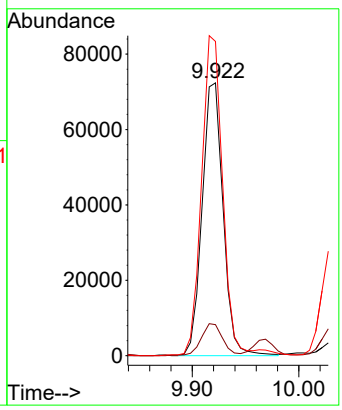
Tgt Ion:138 Resp: 9928

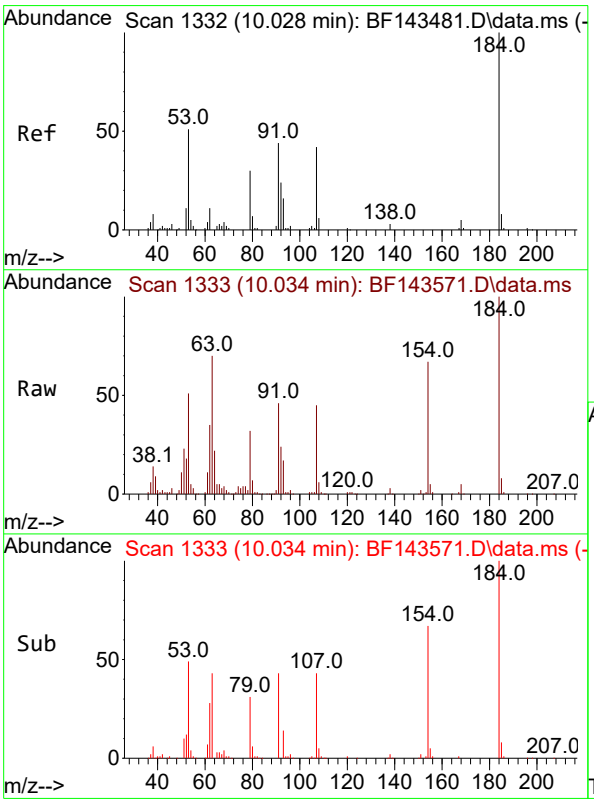
Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.6	13.0
92	115.2	89.8	134.8

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

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Reviewed By :Rahul Chavli 08/25/2025
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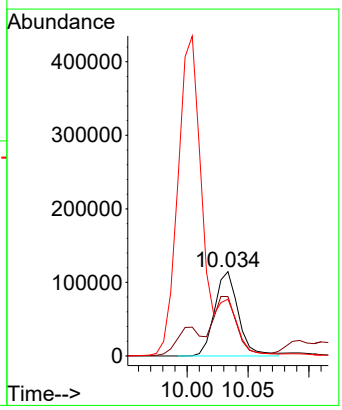


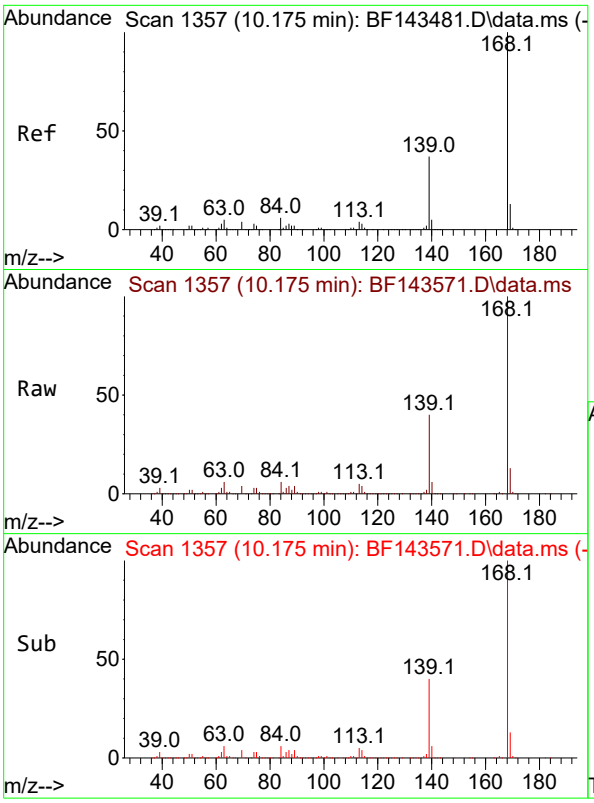


#54
2,4-Dinitrophenol
Concen: 90.406 ng
RT: 10.034 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:184 Resp: 155643

Ion	Ratio	Lower	Upper
184	100		
63	70.4	52.6	78.8
154	67.4	51.0	76.4

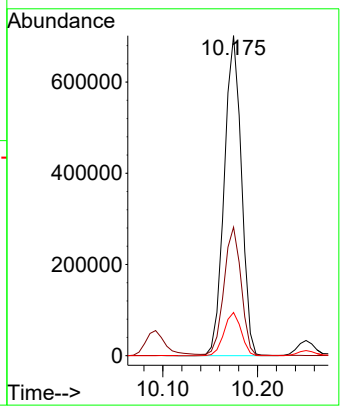




#55
Dibenzofuran
Concen: 44.726 ng
RT: 10.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:168 Resp: 88317

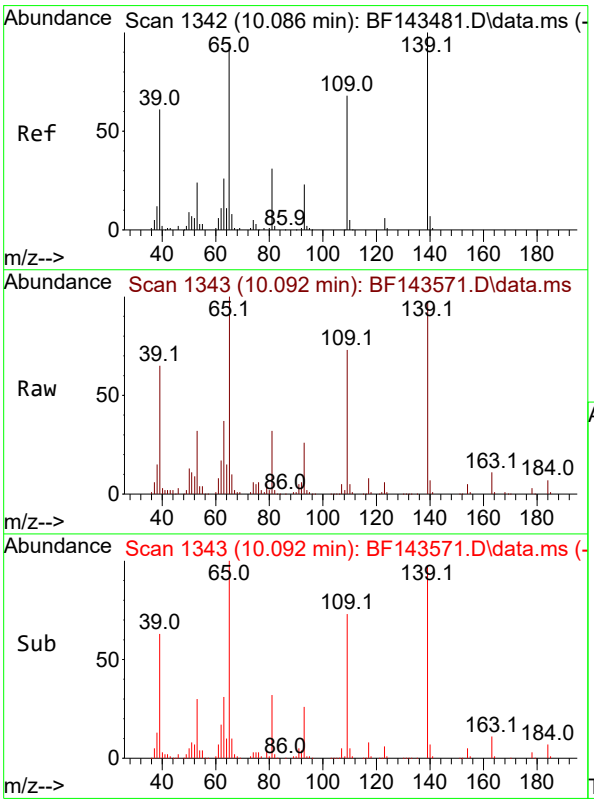
Ion	Ratio	Lower	Upper
168	100		
139	40.2	29.8	44.6
169	13.5	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

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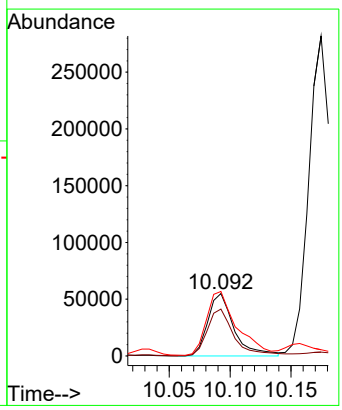
Reviewed By :Rahul Chavli 08/25/2025
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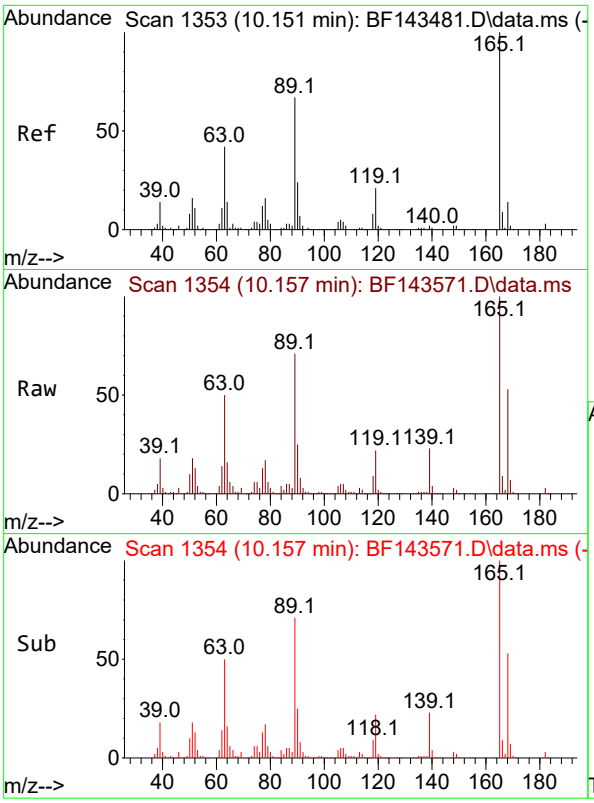


#56
4-Nitrophenol
Concen: 40.066 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:139 Resp: 82256

Ion	Ratio	Lower	Upper
139	100		
109	75.1	48.2	88.2
65	103.5	75.8	115.8

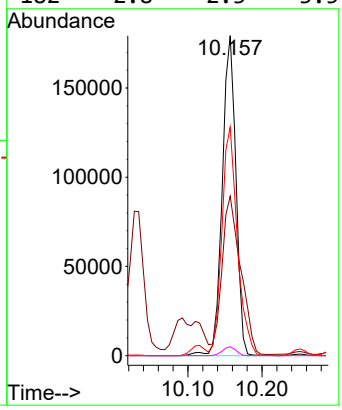




#57
2,4-Dinitrotoluene
Concen: 53.729 ng
RT: 10.157 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:165 Resp: 22908

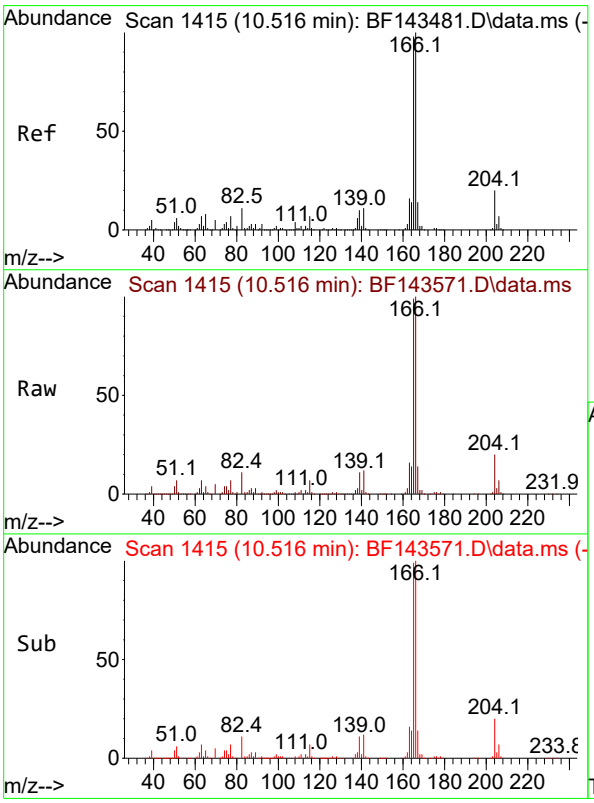
Ion	Ratio	Lower	Upper
165	100		
63	49.9	34.9	52.3
89	71.4	53.3	79.9
182	2.8	2.3	3.5



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
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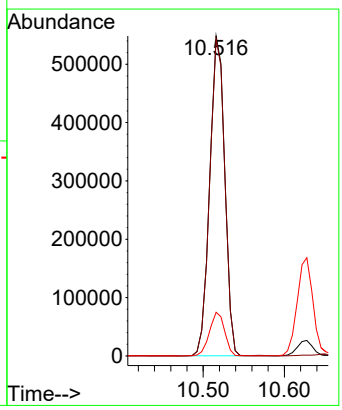
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

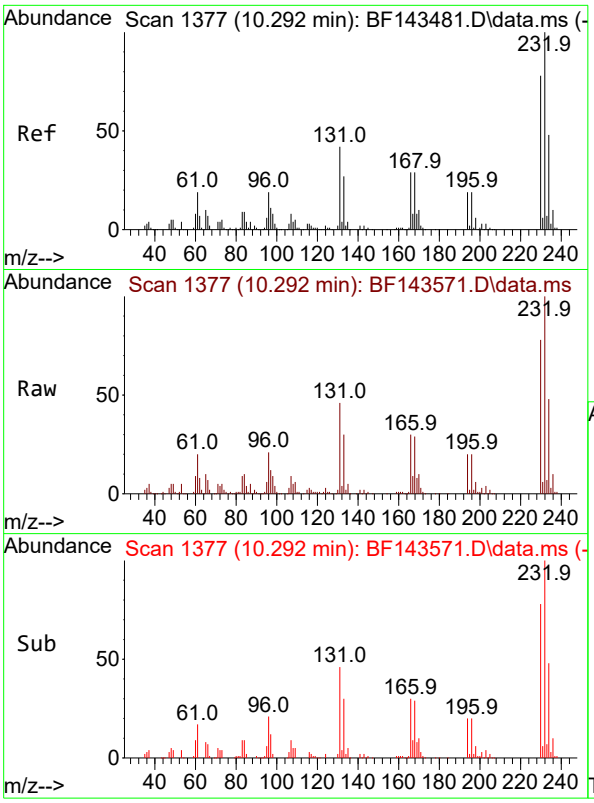


#58
Fluorene
Concen: 46.360 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:166 Resp: 704567

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.3	117.5
167	13.7	11.0	16.4

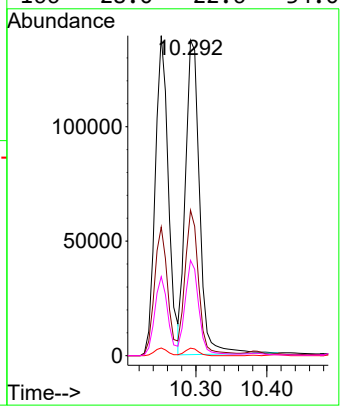




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.893 ng
RT: 10.292 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:232 Resp: 18961

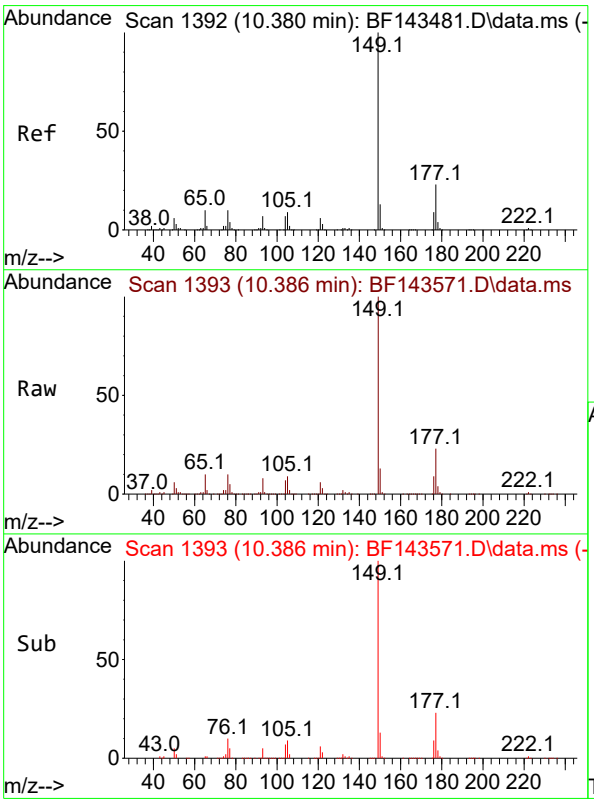
Ion	Ratio	Lower	Upper
232	100		
131	44.5	32.7	49.1
130	2.2	1.6	2.4
166	28.0	22.6	34.0



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
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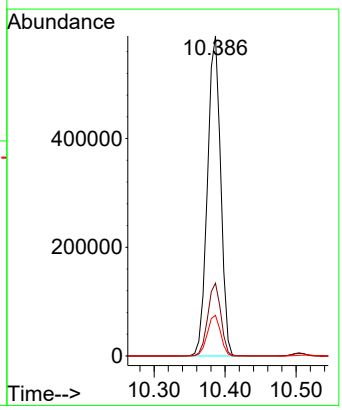
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

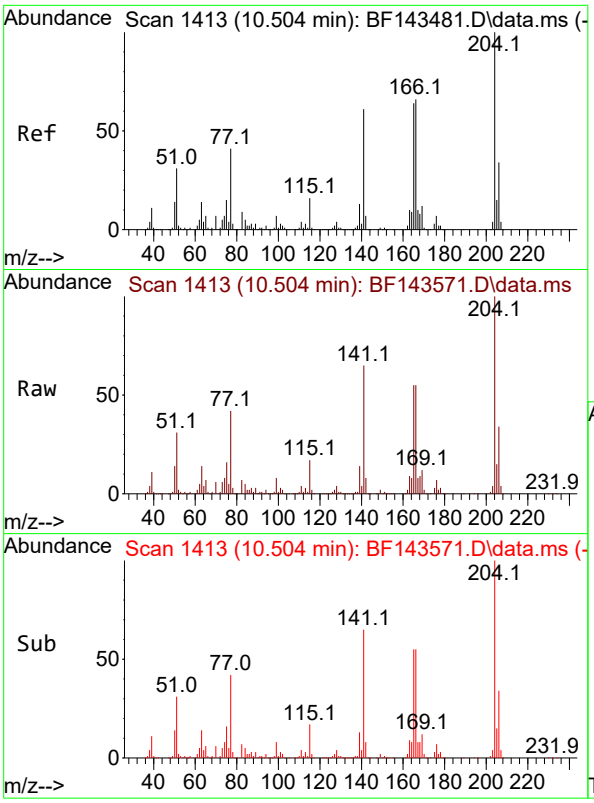


#60
Diethylphthalate
Concen: 55.125 ng
RT: 10.386 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:149 Resp: 761464

Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.3	27.5
150	12.7	10.3	15.5





#61
4-Chlorophenyl-phenylether
Concen: 46.625 ng
RT: 10.504 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

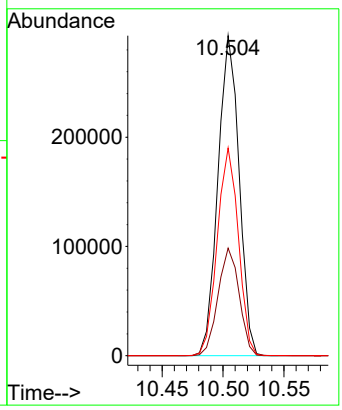
Tgt Ion:204 Resp: 35438

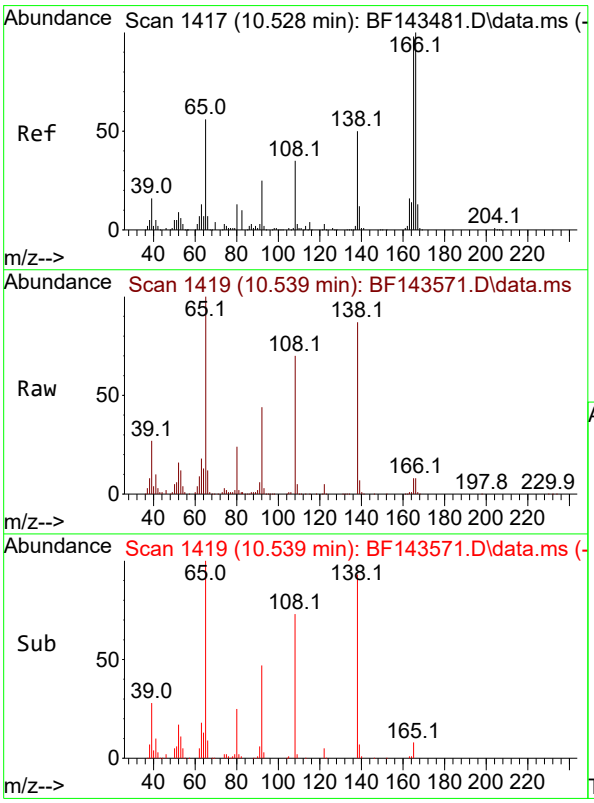
Ion	Ratio	Lower	Upper
204	100		
206	33.6	27.0	40.4
141	64.9	48.7	73.1

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
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Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

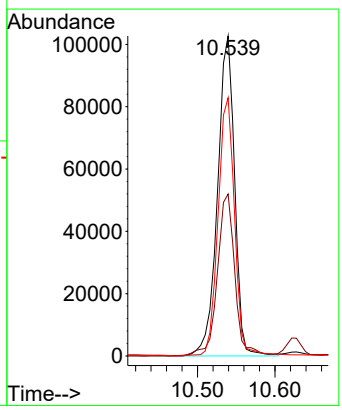


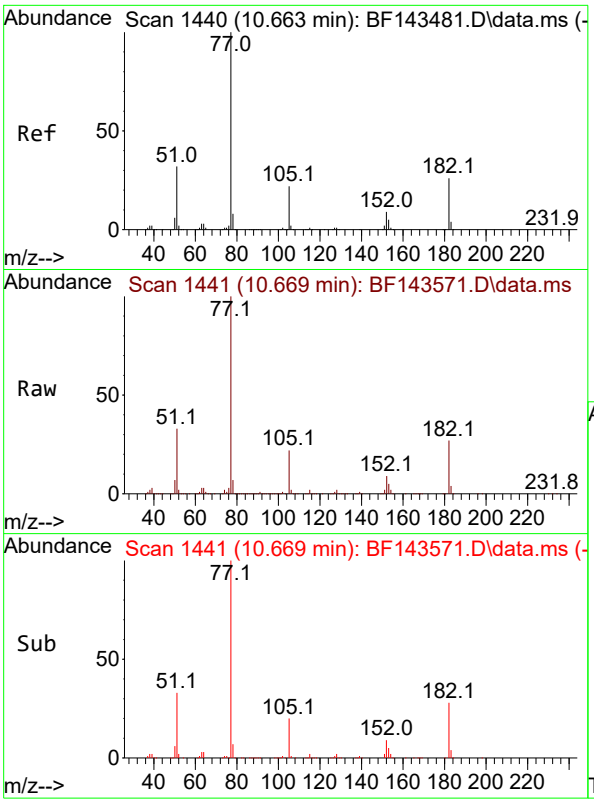


#62
4-Nitroaniline
Concen: 49.821 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:138 Resp: 157900

Ion	Ratio	Lower	Upper
138	100		
92	50.6	29.3	69.3
108	80.7	50.7	90.7





#63
Azobenzene
Concen: 52.310 ng
RT: 10.669 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

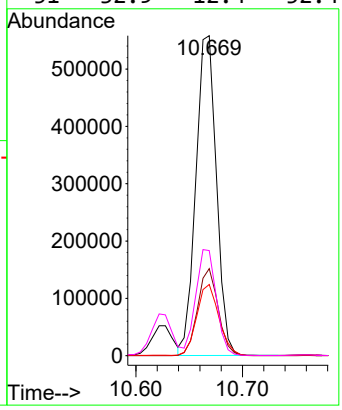
Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

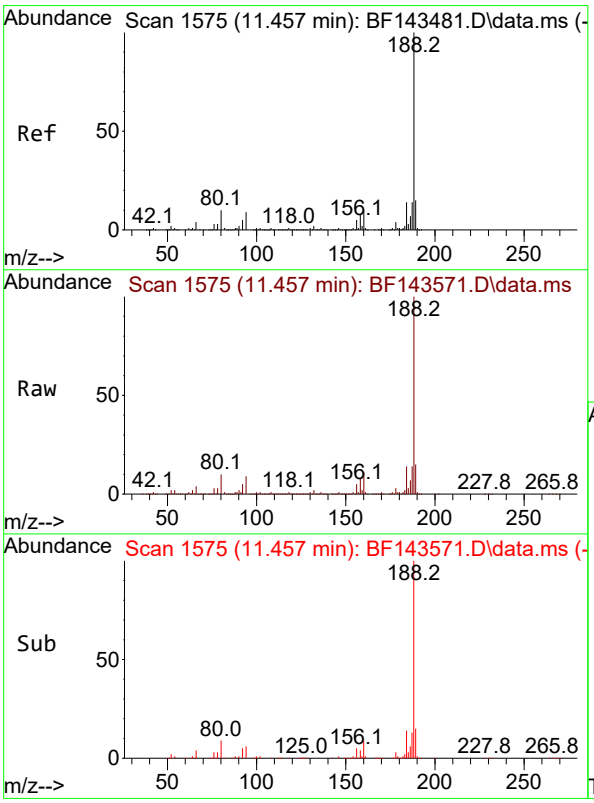
Tgt Ion: 77 Resp: 74923

Ion	Ratio	Lower	Upper
77	100		
182	27.2	6.2	46.2
105	22.3	2.2	42.2
51	32.9	12.4	52.4

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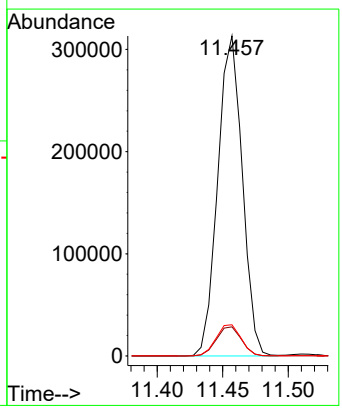


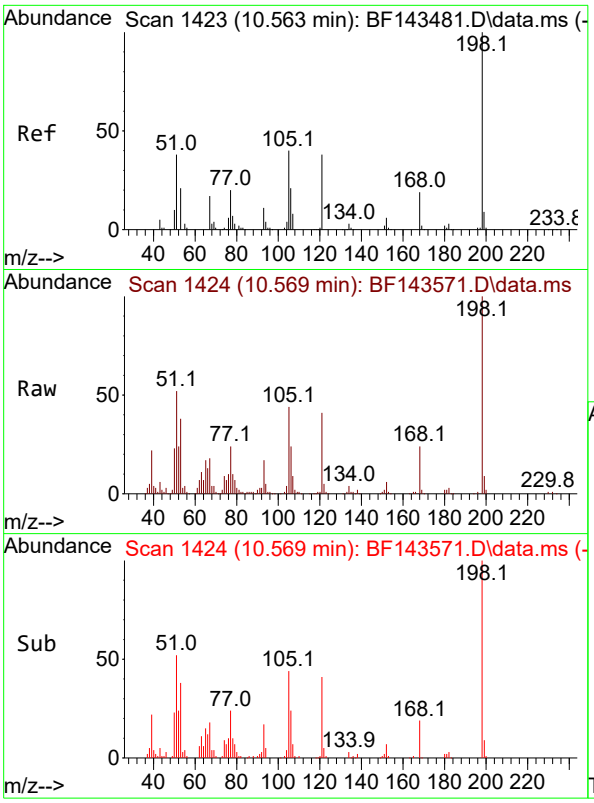


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:188 Resp: 407531

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.4	11.2
80	9.8	8.2	12.4

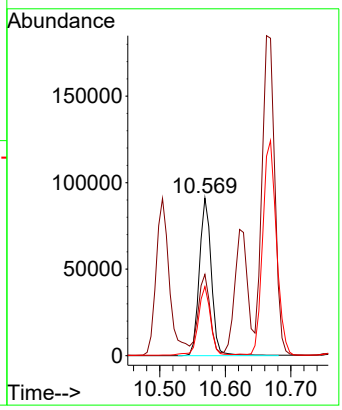




#65
4,6-Dinitro-2-methylphenol
Concen: 50.559 ng
RT: 10.569 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:198 Resp: 11617

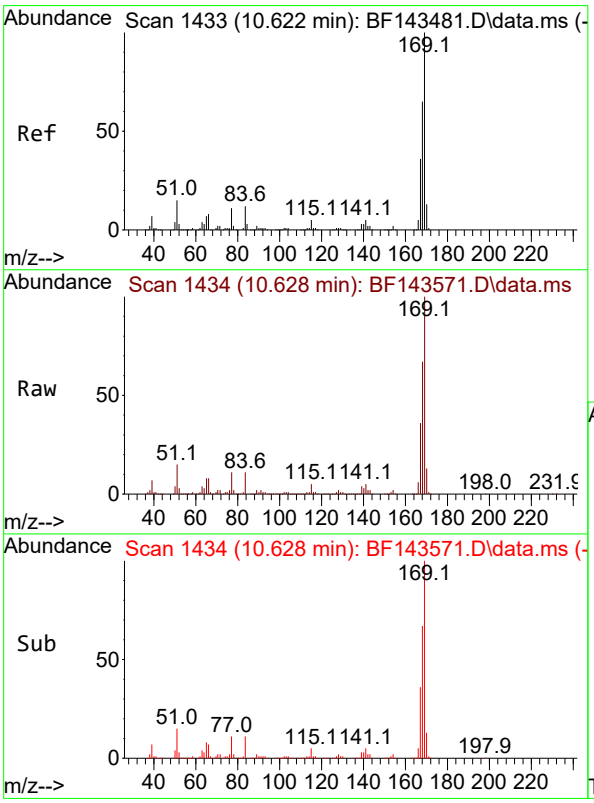
Ion	Ratio	Lower	Upper
198	100		
51	51.6	29.6	69.6
105	43.8	21.5	61.5



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
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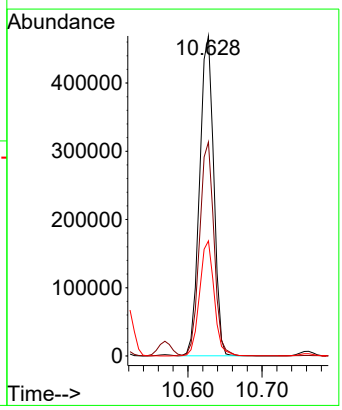
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

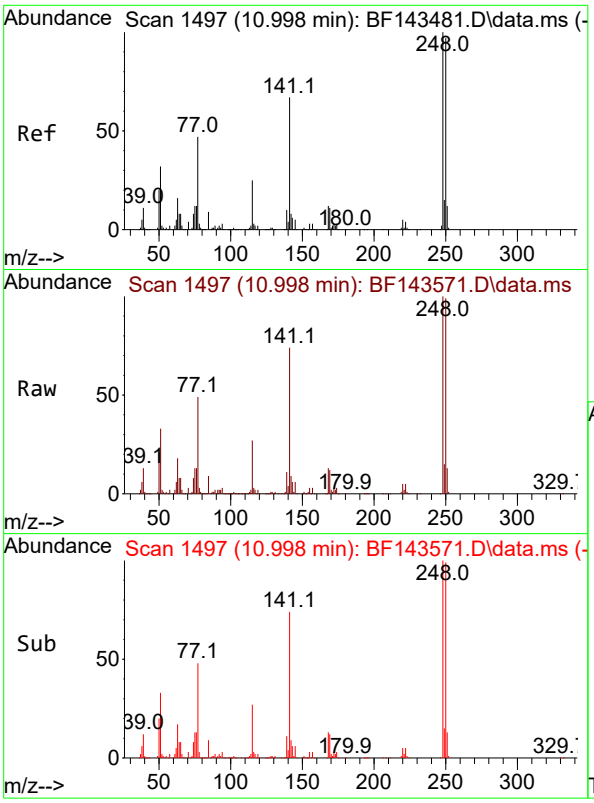


#66
n-Nitrosodiphenylamine
Concen: 47.262 ng
RT: 10.628 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:169 Resp: 619849

Ion	Ratio	Lower	Upper
169	100		
168	66.8	52.4	78.6
167	35.9	28.9	43.3





#67
4-Bromophenyl-phenylether
Concen: 48.171 ng
RT: 10.998 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

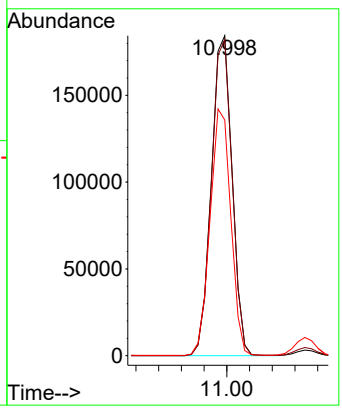
Tgt Ion:248 Resp: 23423

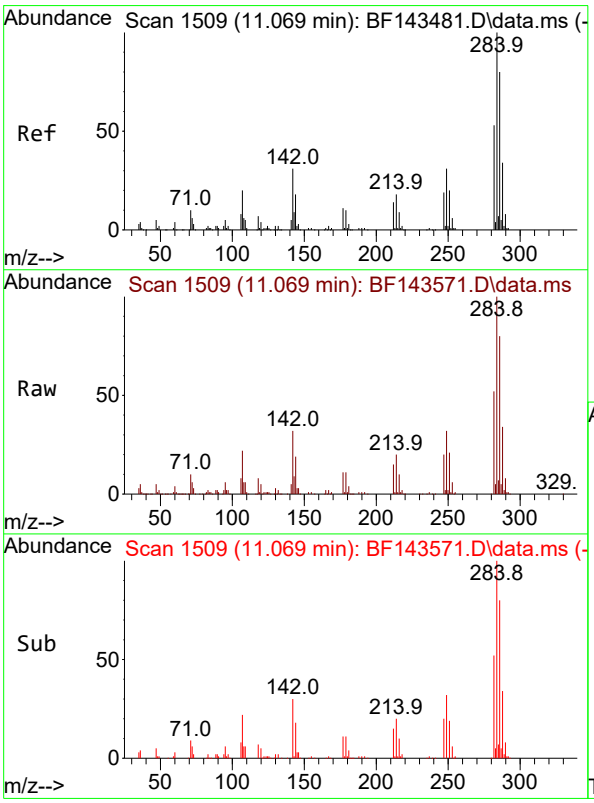
Ion	Ratio	Lower	Upper
248	100		
250	98.8	77.8	116.8
141	73.7	54.0	81.0

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
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Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

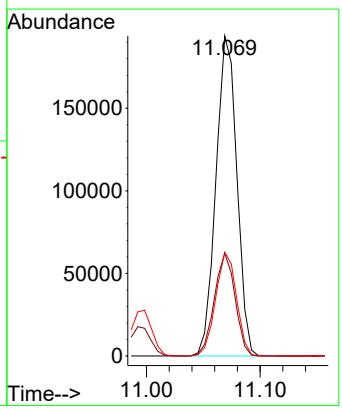


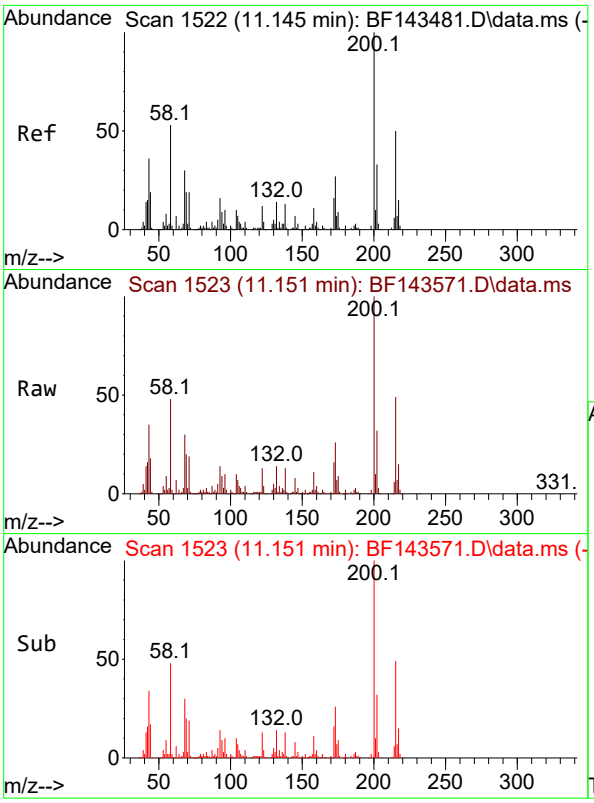


#68
Hexachlorobenzene
Concen: 47.365 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:284 Resp: 248260

Ion	Ratio	Lower	Upper
284	100		
142	32.1	24.4	36.6
249	32.4	25.0	37.6

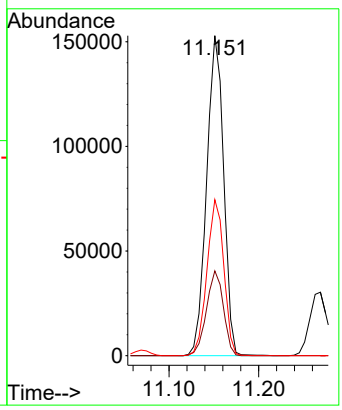




#69
Atrazine
Concen: 59.492 ng
RT: 11.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:200 Resp: 20140

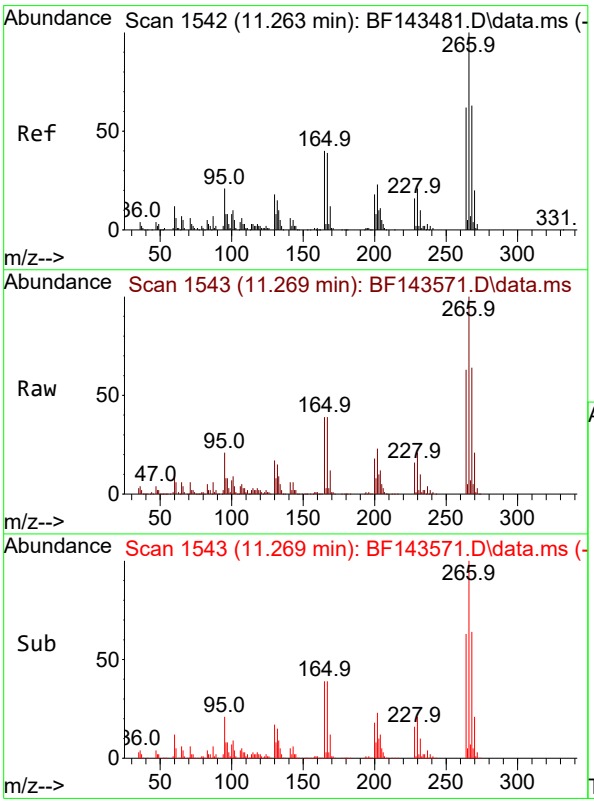
Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.9	46.9
215	48.7	30.0	70.0



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
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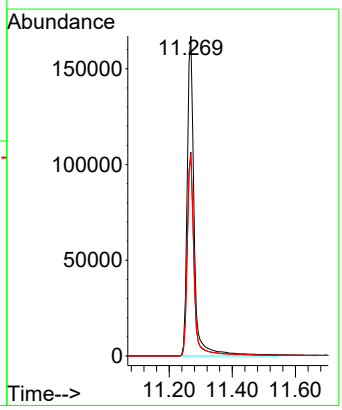
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

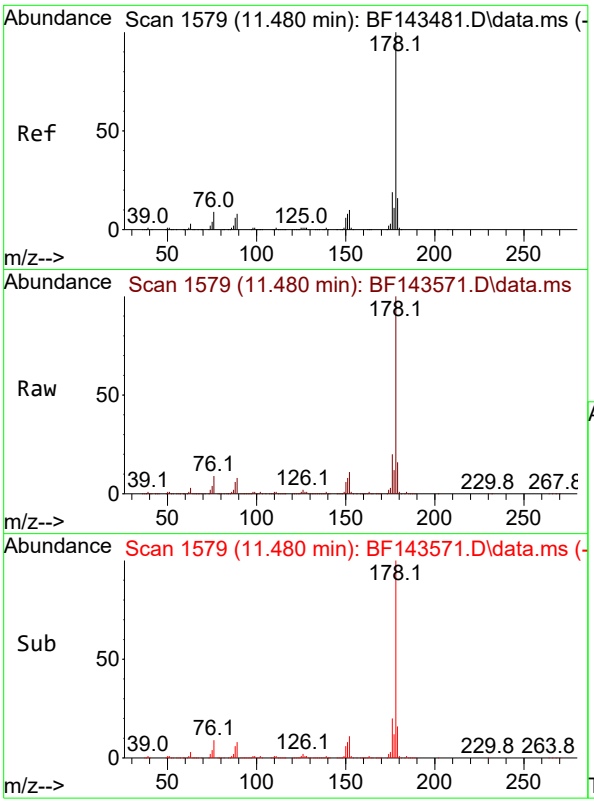


#70
Pentachlorophenol
Concen: 107.130 ng
RT: 11.269 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:266 Resp: 257162

Ion	Ratio	Lower	Upper
266	100		
268	63.8	50.5	75.7
264	62.6	49.8	74.8

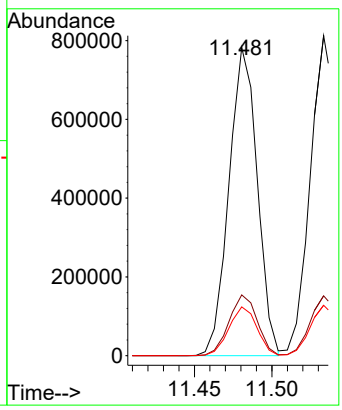




#71
Phenanthrene
Concen: 45.593 ng
RT: 11.480 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:178 Resp: 995019

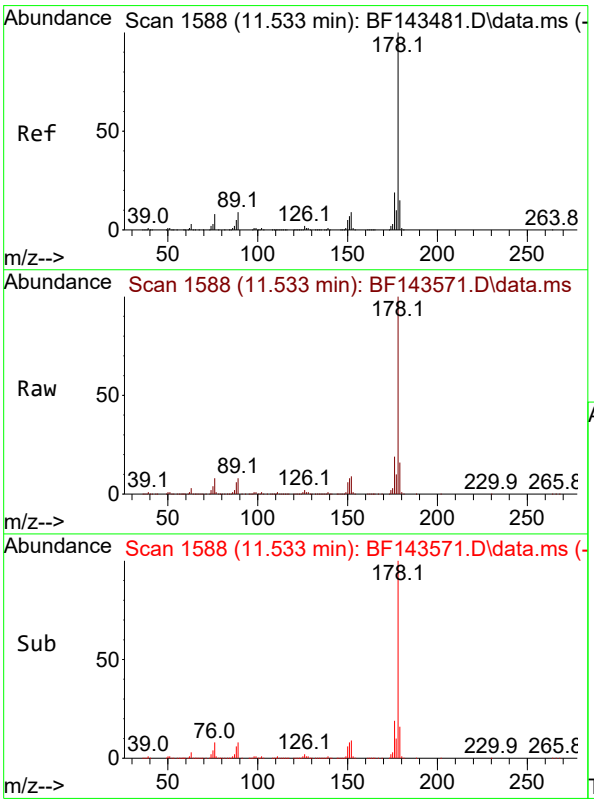
Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.9	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
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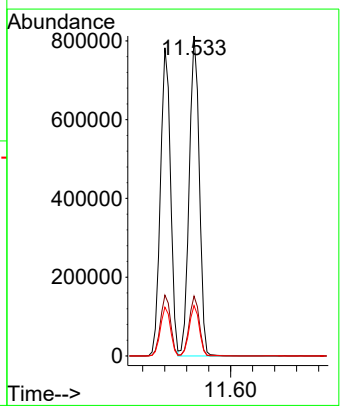
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

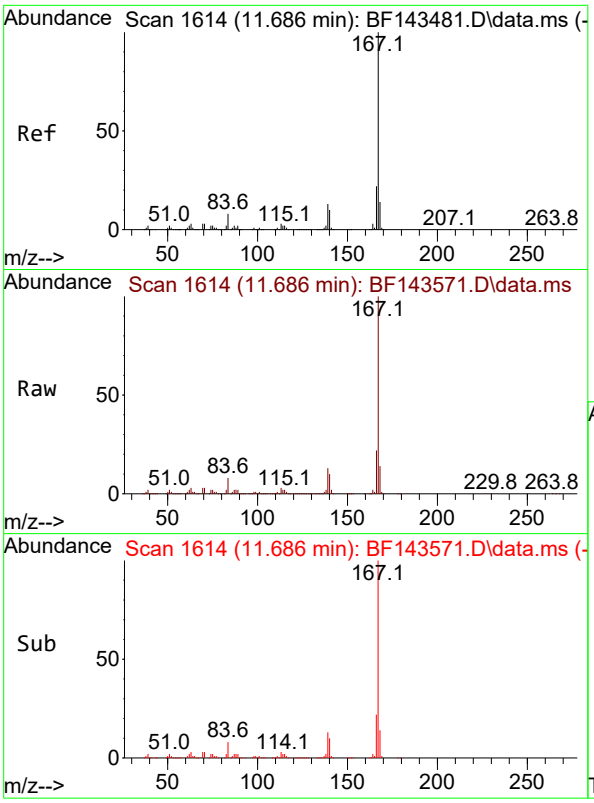


#72
Anthracene
Concen: 46.633 ng
RT: 11.533 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:178 Resp: 1030994

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.8	12.3	18.5

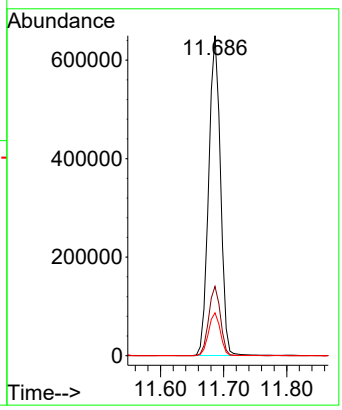




#73
Carbazole
Concen: 46.464 ng
RT: 11.686 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:167 Resp: 84171

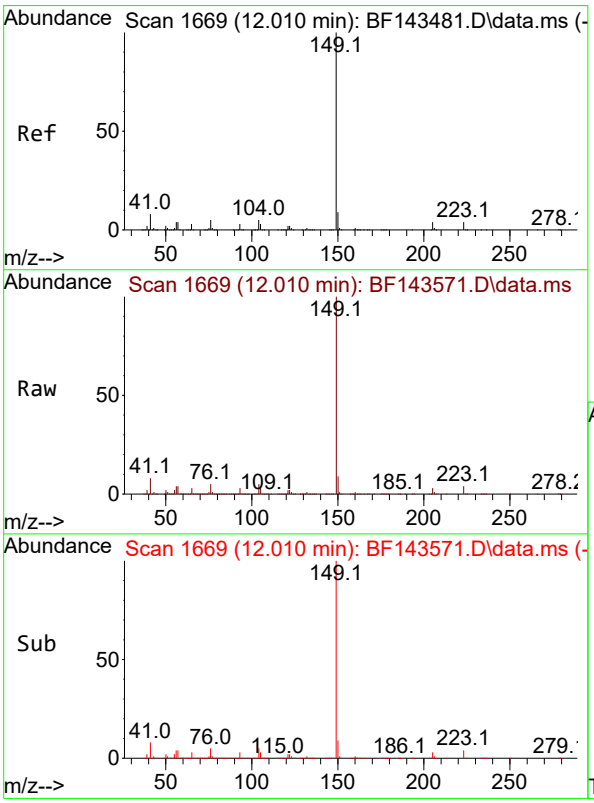
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.3	25.9
139	13.4	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
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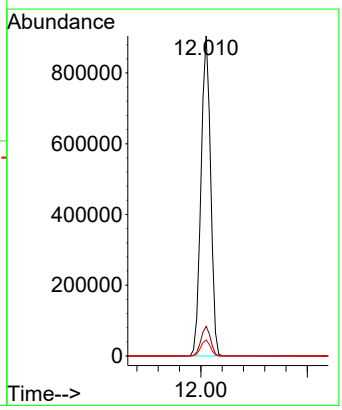
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

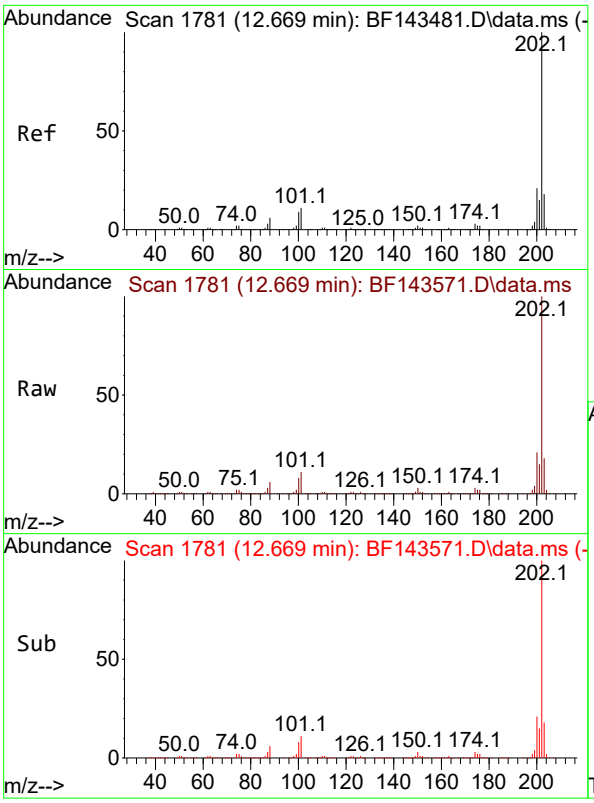


#74
Di-n-butylphthalate
Concen: 66.704 ng
RT: 12.010 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:149 Resp: 1127277

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	5.0	3.6	5.4

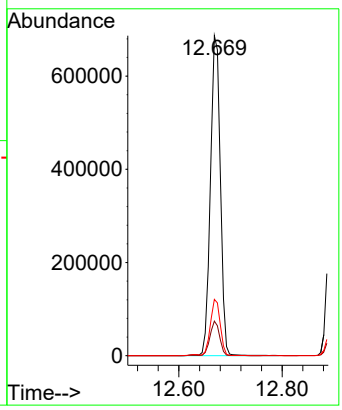




#75
Fluoranthene
Concen: 46.690 ng
RT: 12.669 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:202 Resp: 91430

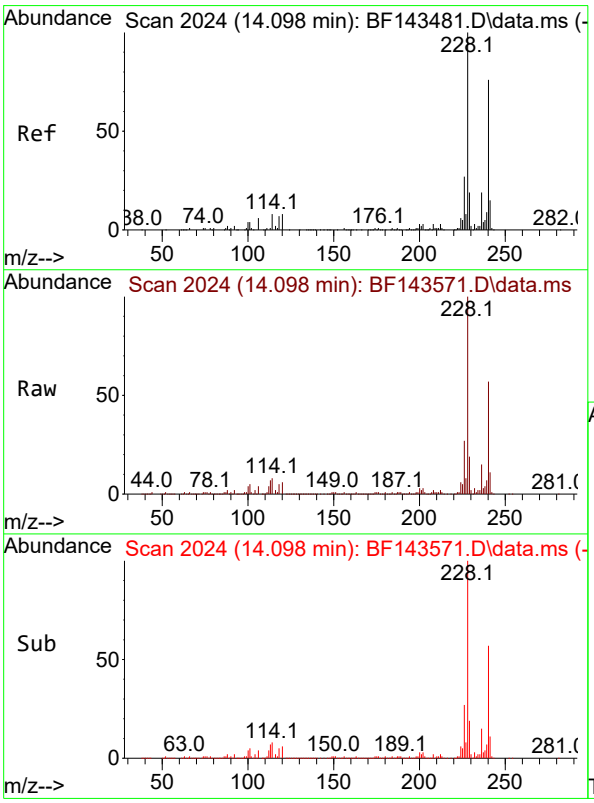
Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.3
203	17.6	0.0	37.9



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
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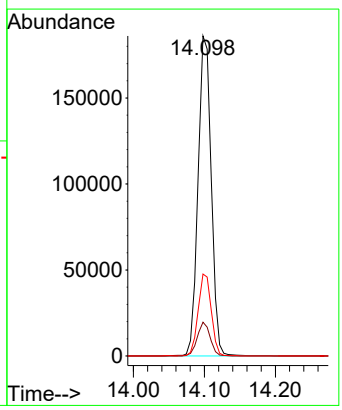
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

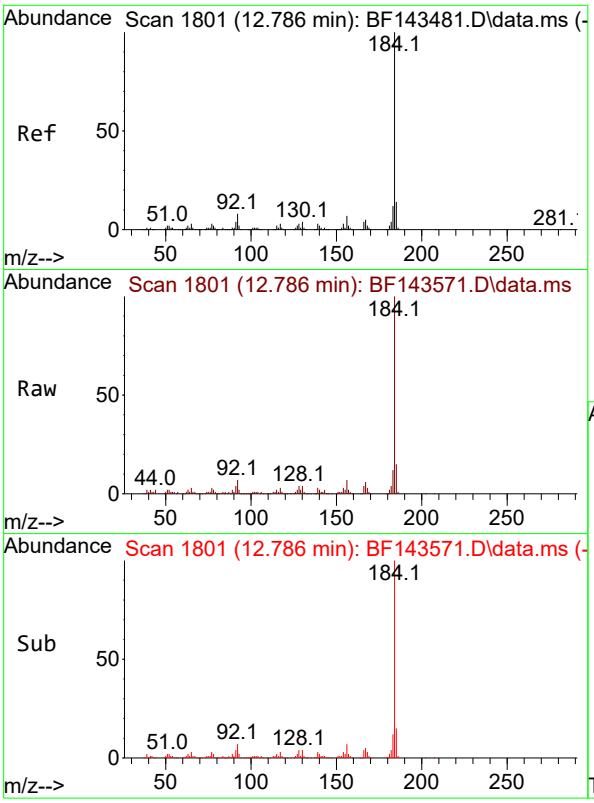


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:240 Resp: 240925

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.6	12.8
236	25.6	20.4	30.6

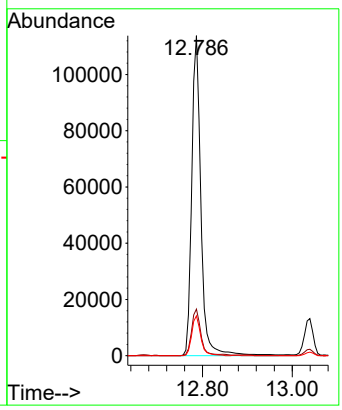




#77
Benzidine
Concen: 27.556 ng
RT: 12.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:184 Resp: 16171

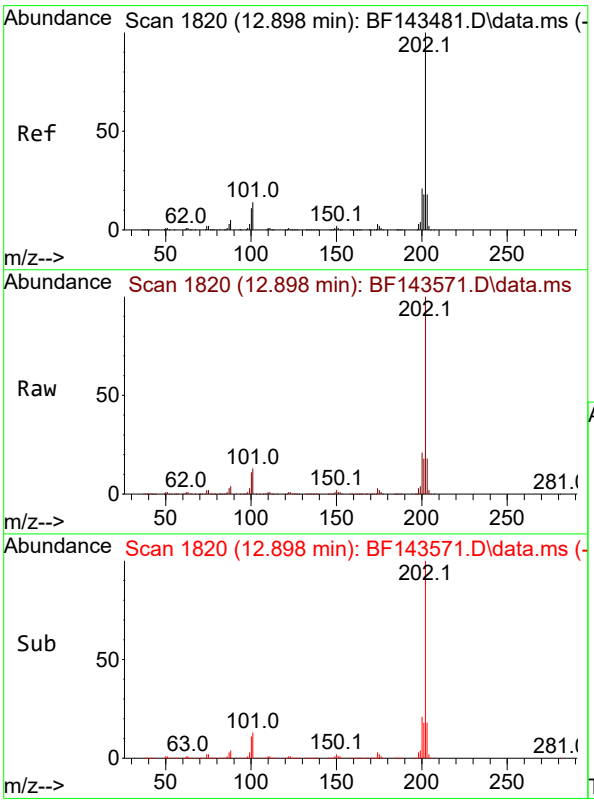
Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.3	16.9
183	12.4	9.5	14.3



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
APPROVED

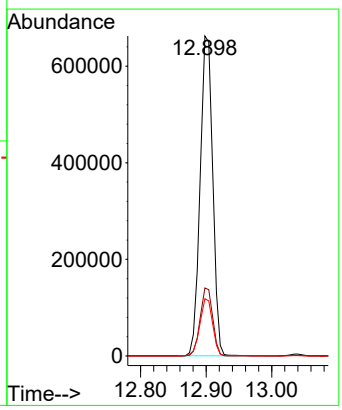
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

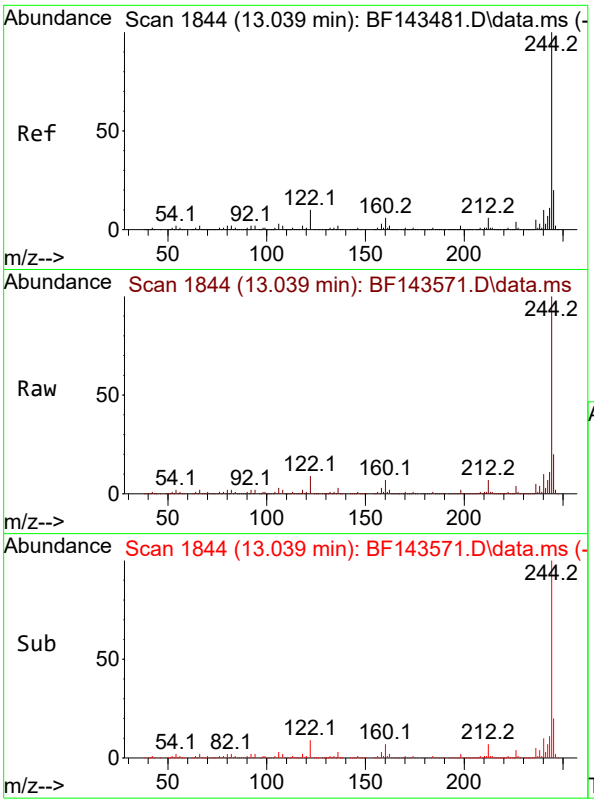


#78
Pyrene
Concen: 44.889 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:202 Resp: 889609

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.9	14.3	21.5

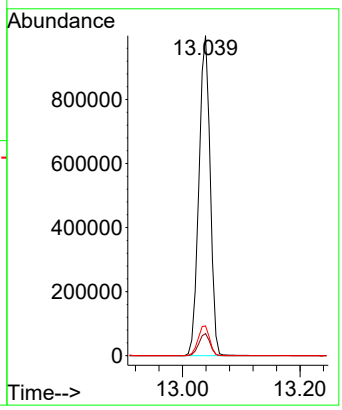




#79
Terphenyl-d14
Concen: 96.085 ng
RT: 13.039 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:244 Resp: 132657

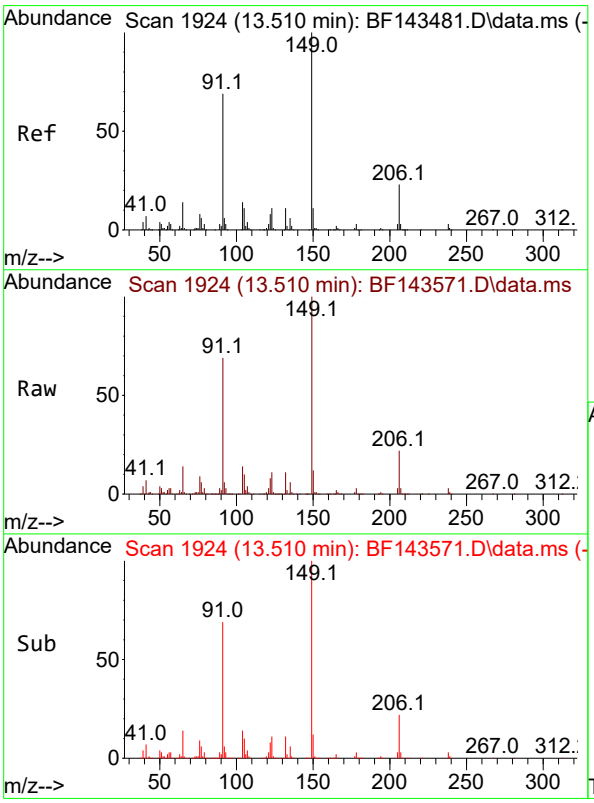
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.2	7.8
122	9.3	7.9	11.9



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
APPROVED

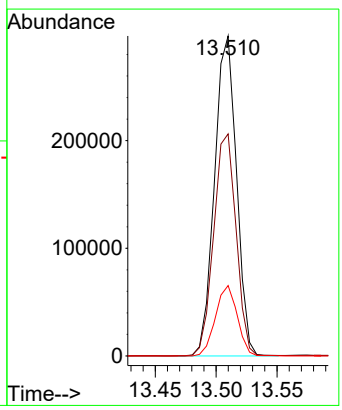
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

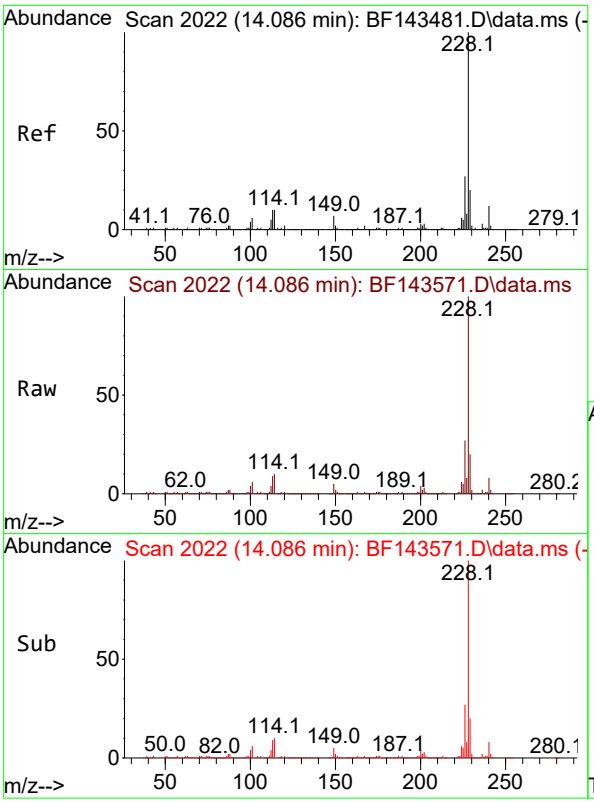


#80
Butylbenzylphthalate
Concen: 69.044 ng
RT: 13.510 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:149 Resp: 373800

Ion	Ratio	Lower	Upper
149	100		
91	69.4	55.3	82.9
206	22.0	18.2	27.4

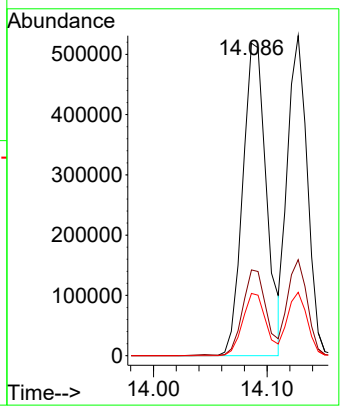




#81
Benzo(a)anthracene
Concen: 48.574 ng
RT: 14.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:228 Resp: 75343

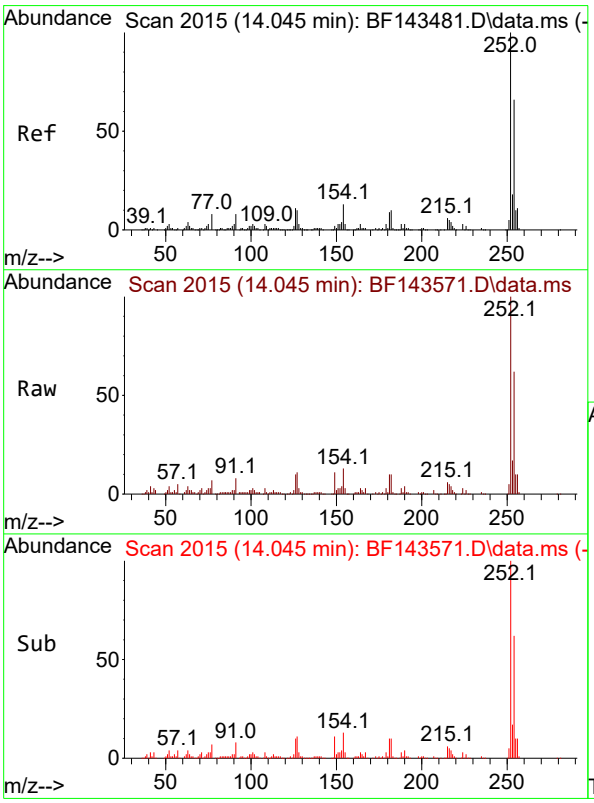
Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.7	32.5
229	19.9	15.7	23.5



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
APPROVED

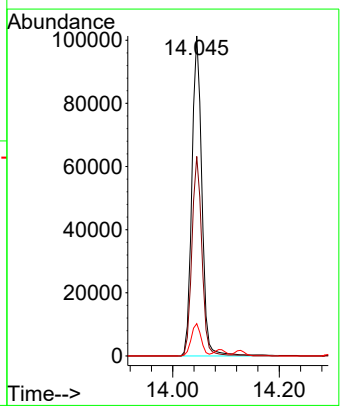
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

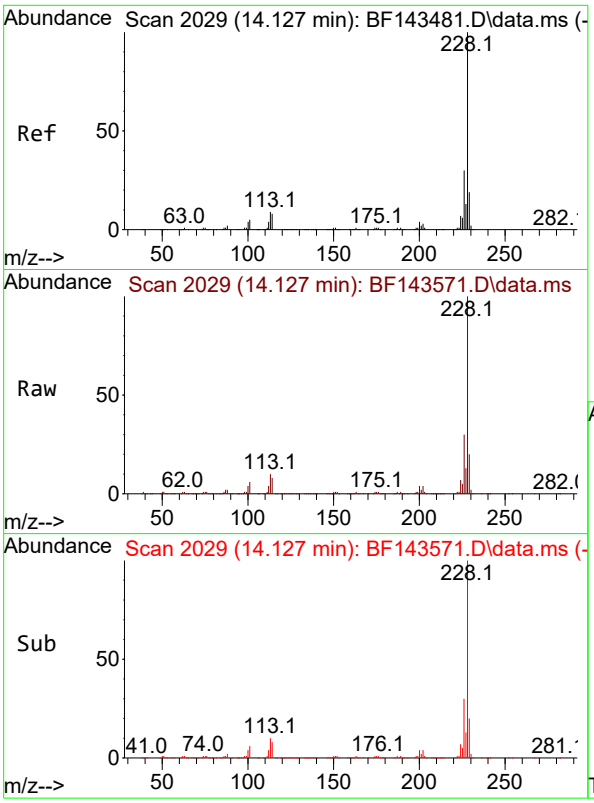


#82
3,3'-Dichlorobenzidine
Concen: 29.859 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:252 Resp: 132635

Ion	Ratio	Lower	Upper
252	100		
254	62.3	52.6	79.0
126	10.1	8.7	13.1

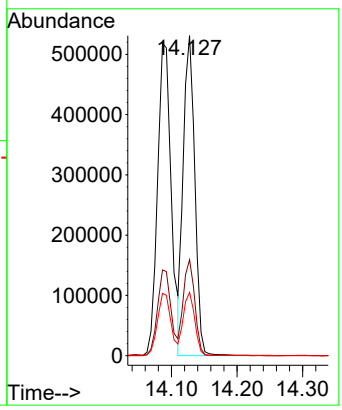




#83
Chrysene
Concen: 46.279 ng
RT: 14.127 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:228 Resp: 64509

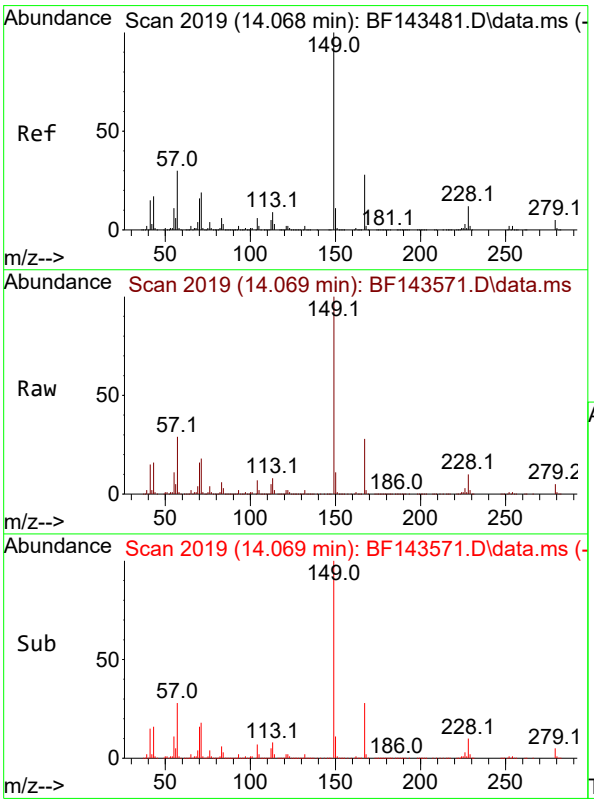
Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.7	35.5
229	19.8	15.7	23.5



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
APPROVED

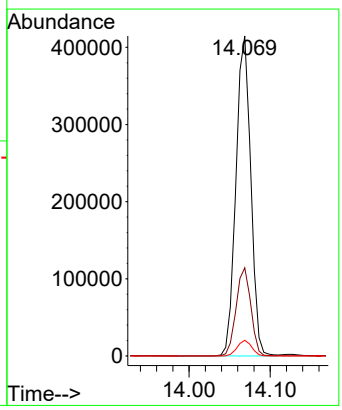
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

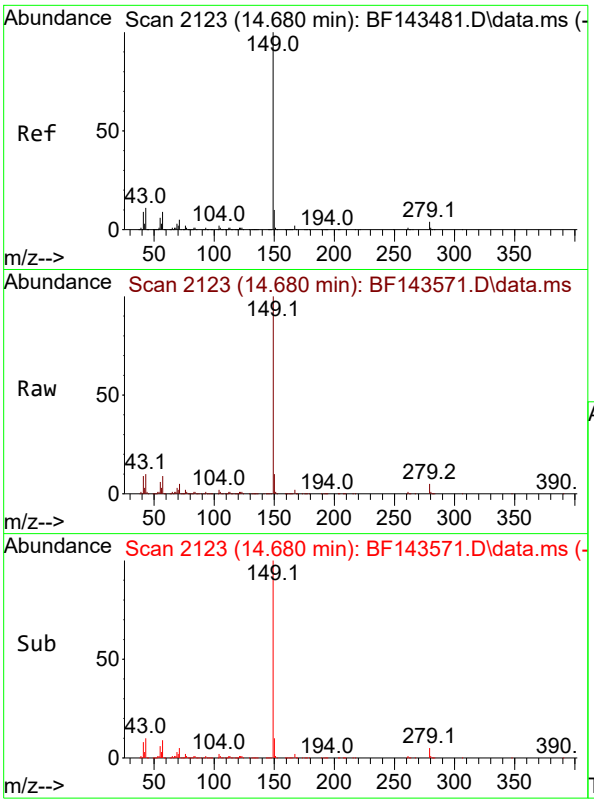


#84
Bis(2-ethylhexyl)phthalate
Concen: 63.742 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:149 Resp: 525601

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.2	33.2
279	4.9	3.6	5.4





#85
Di-n-octyl phthalate
Concen: 51.209 ng
RT: 14.680 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

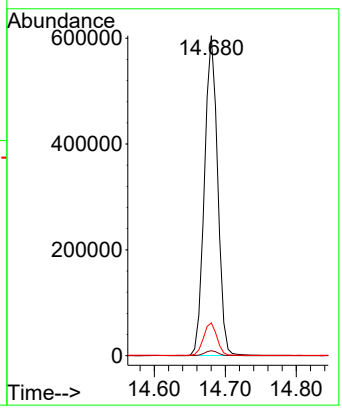
Tgt Ion:149 Resp: 78224

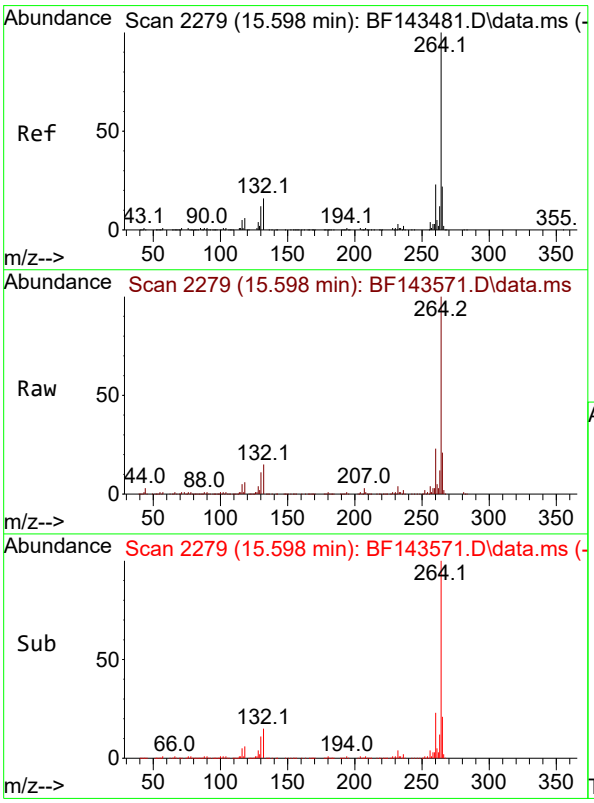
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.3	8.5	12.7

Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
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Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

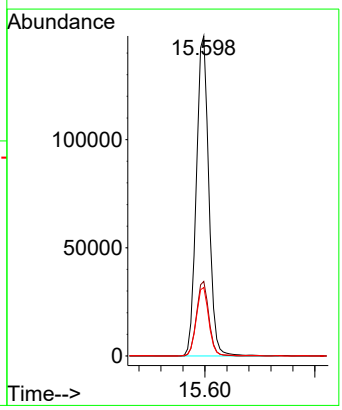


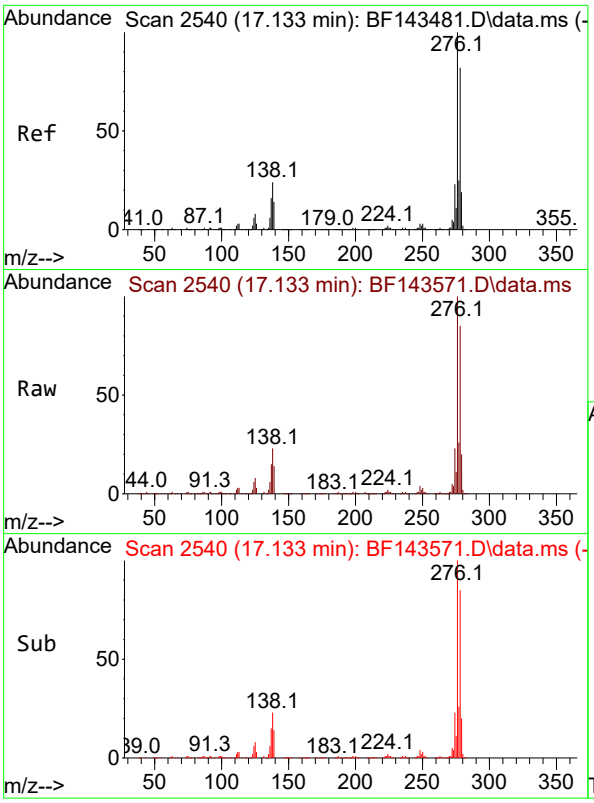


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:264 Resp: 232913

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.4	17.6	26.4

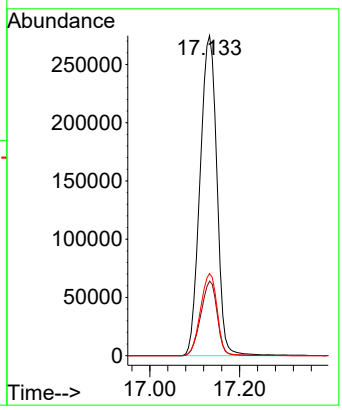




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.602 ng
RT: 17.133 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:276 Resp: 71303

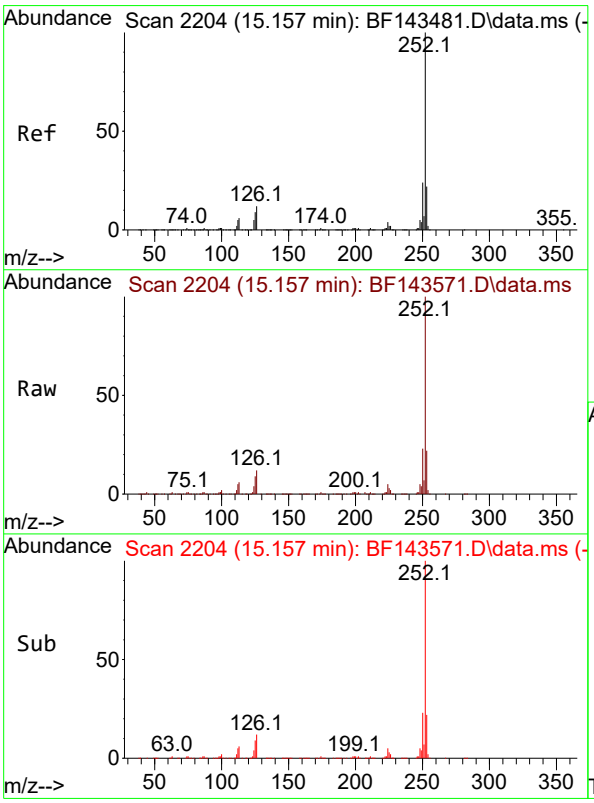
Ion	Ratio	Lower	Upper
276	100		
138	22.8	19.2	28.8
277	25.5	20.3	30.5



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
APPROVED

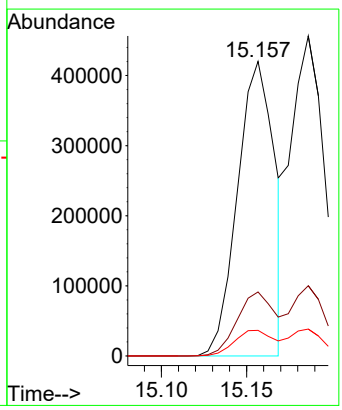
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

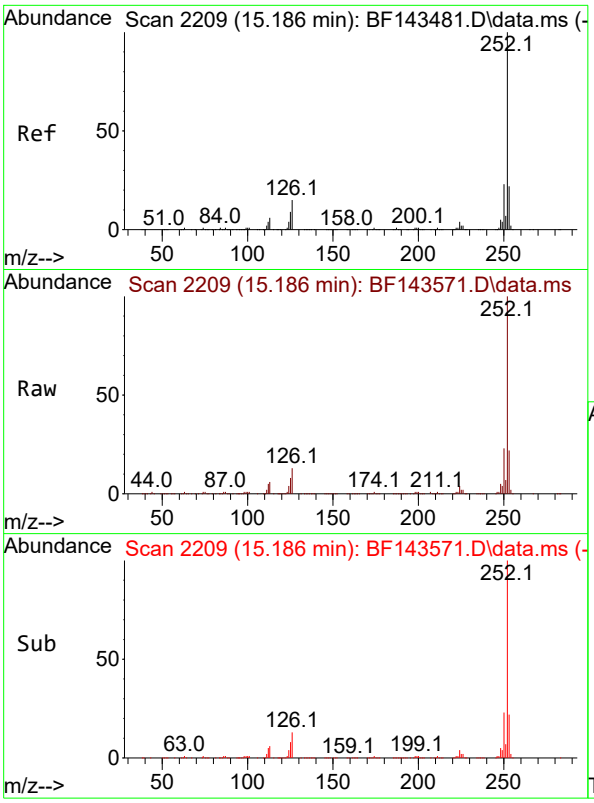


#88
Benzo(b)fluoranthene
Concen: 48.963 ng
RT: 15.157 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:252 Resp: 633917

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	8.7	7.4	11.0

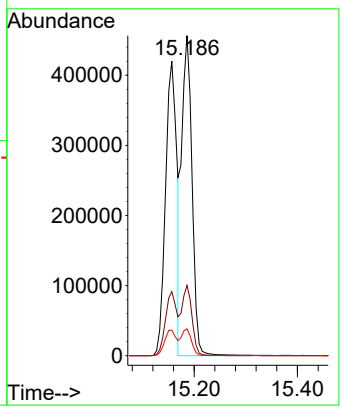




#89
Benzo(k)fluoranthene
Concen: 51.127 ng
RT: 15.186 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:252 Resp: 63376

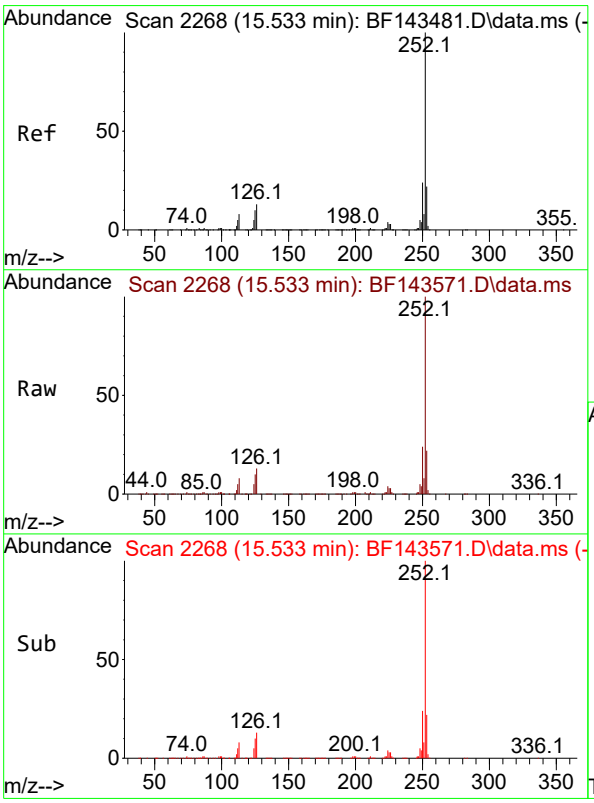
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	8.4	7.4	11.0



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
APPROVED

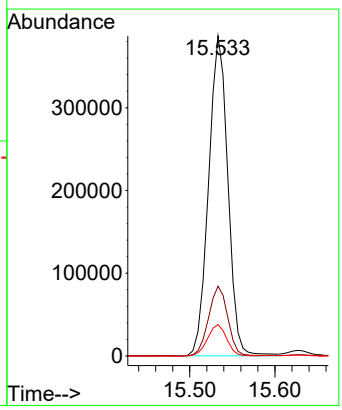
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

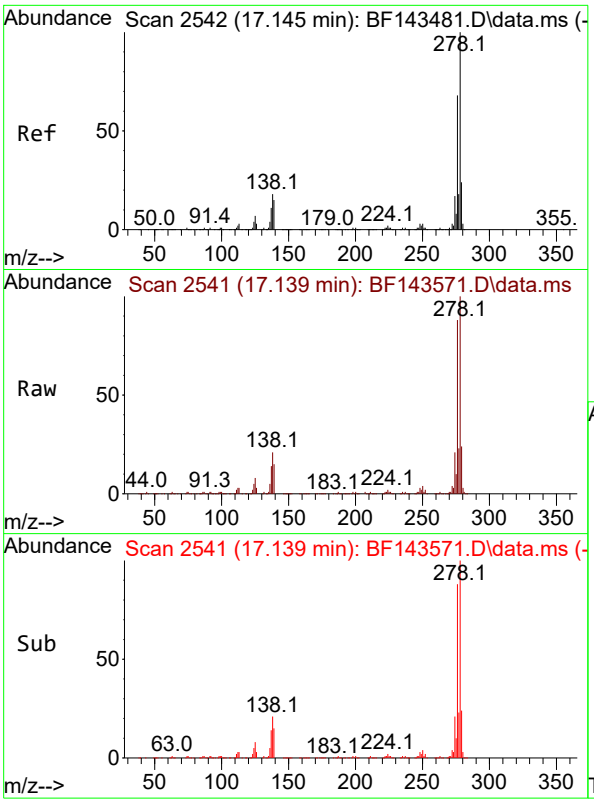


#90
Benzo(a)pyrene
Concen: 50.464 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:252 Resp: 606447

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	9.8	8.2	12.2

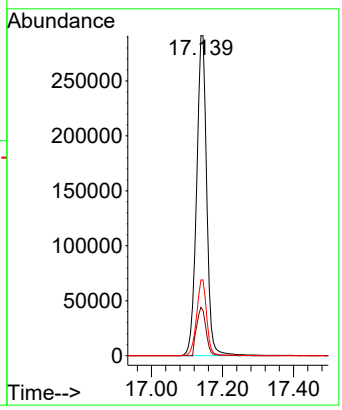




#91
Dibenzo(a,h)anthracene
Concen: 43.278 ng
RT: 17.139 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:278 Resp: 58011

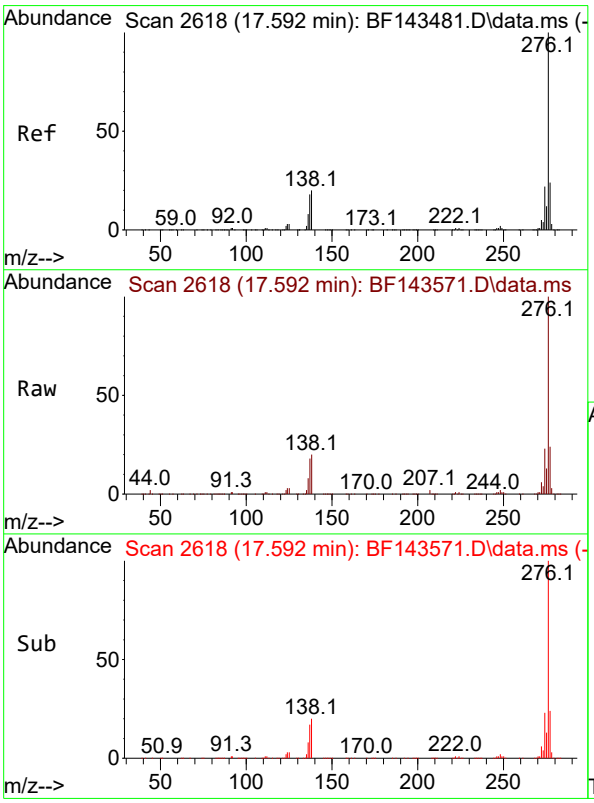
Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.1	18.1
279	23.6	19.2	28.8



Instrument :
BNA_F
ClientSampleId :
MW-6B-081925MSD

Manual Integrations
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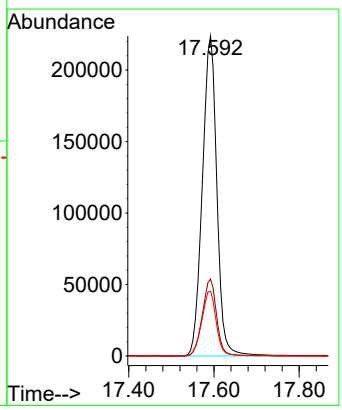
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#92
Benzo(g,h,i)perylene
Concen: 39.637 ng
RT: 17.592 min Scan# 2618
Delta R.T. -0.012 min
Lab File: BF143571.D
Acq: 22 Aug 2025 14:27

Tgt Ion:276 Resp: 528314

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	20.3	16.3	24.5



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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

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Manual Integration Report

Sequence:	BF082225	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB169330BS	BF143565.D	2,4-Dimethylphenol	rahul	8/25/2025 10:22:52 AM	Jagrut	8/25/2025 7:04:56 PM	Peak Integrated by Software
PB169330BS	BF143565.D	Caprolactam	rahul	8/25/2025 10:22:52 AM	Jagrut	8/25/2025 7:04:56 PM	Peak Integrated by Software
Q2903-02	BF143567.D	Fluorene	rahul	8/25/2025 10:22:55 AM	Jagrut	8/25/2025 7:04:58 PM	Peak Integrated by Software
Q2903-05MS	BF143570.D	Caprolactam	rahul	8/25/2025 10:22:58 AM	Jagrut	8/25/2025 7:05:01 PM	Peak Integrated by Software
Q2903-06MSD	BF143571.D	Caprolactam	rahul	8/25/2025 10:23:02 AM	Jagrut	8/25/2025 7:05:03 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP081425	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP025393.D	Acenaphthene	Rahul	8/15/2025 9:34:57 AM	Jagrut	8/15/2025 12:49:22 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Acenaphthene	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Benzaldehyde	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Benzoic acid	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC020	BP025395.D	Acenaphthene	Rahul	8/15/2025 9:34:49 AM	Jagrut	8/15/2025 12:49:27 PM	Peak Integrated by Software
SSTDICC020	BP025395.D	Benzoic acid	Rahul	8/15/2025 9:34:49 AM	Jagrut	8/15/2025 12:49:27 PM	Peak Integrated by Software
SSTDICC020	BP025395.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:49 AM	Jagrut	8/15/2025 12:49:27 PM	Peak Integrated by Software
SSTDICCC040	BP025396.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:47 AM	Jagrut	8/15/2025 12:49:30 PM	Peak Integrated by Software
SSTDICC050	BP025397.D	Benzo(g,h,i)perylene	Rahul	8/15/2025 9:34:43 AM	Jagrut	8/15/2025 12:49:33 PM	Peak Integrated by Software
SSTDICC050	BP025397.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:43 AM	Jagrut	8/15/2025 12:49:33 PM	Peak Integrated by Software
SSTDICC080	BP025399.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:40 AM	Jagrut	8/15/2025 12:49:36 PM	Peak Integrated by Software
SSTDICV040	BP025400.D	Acenaphthene	Rahul	8/15/2025 9:34:38 AM	Jagrut	8/15/2025 12:49:39 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP081425	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
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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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	Not Ok
13	PB169313BS	BF143488.D	20 Aug 2025 16:44	RC/JU	Not Ok
14	PB169313BSD	BF143489.D	20 Aug 2025 17:13	RC/JU	Not Ok
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	Not 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_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_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	Recovery is low for compound #3,3-Dichlorobenzidine	RC/JU	Not Ok
13	PB169313BS	PB169313BS	BF143488.D	20 Aug 2025 16:44	Benzidine failed in the Calibration Method.	RC/JU	Not Ok
14	PB169313BSD	PB169313BSD	BF143489.D	20 Aug 2025 17:13	Benzidine failed in the Calibration Method. ,Recovery is low for compound #3,3-Dichlorobenzidine	RC/JU	Not Ok
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

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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	

17	Q2892-10MS	3-FLOOR-SOUTH-EMS	BF143492.D	20 Aug 2025 18:41		RC/JU	Ok,M
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	Benzidine failed in the Calibration Method.	RC/JU	Not 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

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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	

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
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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # 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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # 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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM		
SubDirectory	BP081425	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	PB169228BS	PB169228BS	BP025407.D	15 Aug 2025 00:18		CG/JU	Ok,M
19	Q2820-10	SOIL-DUP-2	BP025408.D	15 Aug 2025 01:00		CG/JU	Ok
20	Q2820-11	10PC-W	BP025409.D	15 Aug 2025 01:41		CG/JU	Ok
21	Q2820-21	22M-N	BP025410.D	15 Aug 2025 02:22	Surrogate Fail	CG/JU	ReRun
22	Q2820-22	22M-W	BP025411.D	15 Aug 2025 03:03	Surrogate Fail	CG/JU	ReRun
23	Q2820-14	10P-E	BP025412.D	15 Aug 2025 03:45		CG/JU	Ok
24	Q2820-16	10P-N	BP025413.D	15 Aug 2025 04:26		CG/JU	Ok
25	Q2820-17	88H-E	BP025414.D	15 Aug 2025 05:07		CG/JU	Ok
26	Q2820-17MS	88H-EMS	BP025415.D	15 Aug 2025 05:48		CG/JU	Ok,M
27	Q2820-17MSD	88H-EMSD	BP025416.D	15 Aug 2025 06:29		CG/JU	Ok,M
28	Q2820-18	88H-N	BP025417.D	15 Aug 2025 07:10		CG/JU	Ok
29	Q2820-19	88H-W	BP025418.D	15 Aug 2025 07:51	Surrogate fail	CG/JU	ReRun
30	Q2820-20	88H-S	BP025419.D	15 Aug 2025 08:32	Surrogate Fail	CG/JU	ReRun
31	SSTDCCC040	SSTDCCC040EC	BP025420.D	15 Aug 2025 09:13		CG/JU	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # 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

M : Manual Integration

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EXTRACTION LOGPAGE

PB169330

SOP ID:	M3510C,3580A-Extraction SVOC-21				
Clean Up SOP #:	N/A			**Extraction Start Date :**	08/21/2025
Matrix :	Water			**Extraction Start Time :**	08:50
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	08/21/2025
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	13:50
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3953	**Hood ID:**	4,5,6,7	**Supervisor By :**	RUPESH

Extraction Method: [√] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [ ] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6849
Surrogate	1.0ML	100/150 PPM	SP6852
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
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

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	**Envap ID:**	NE VAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
8/21/25	RS (Ext Lab)	RC/SVOC
13:55	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169330

Analytical Method: M3510C,3580A-Extraction SVOC-21

Concentration Date: 08/19/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169330BL	SBLK330	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			SEP-1
PB169330BS	SLCS330	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			2
Q2903-01	MW-6A-081925	SVOC-TCL BNA -20	890	6	RUPESH	ritesh	1	C		3
Q2903-02	MW-1C-081925	SVOC-TCL BNA -20	970	6	RUPESH	ritesh	1	C		4
Q2903-03	MW-6B-081925	SVOC-TCL BNA -20	950	6	RUPESH	ritesh	1	C		5
Q2903-04	MW-1B-081925	SVOC-TCL BNA -20	960	6	RUPESH	ritesh	1	C		6
Q2903-05	Q2903-3MS	SVOC-TCL BNA -20	940	6	RUPESH	ritesh	1	C		7
Q2903-06	Q2903-3MSD	SVOC-TCL BNA -20	940	6	RUPESH	ritesh	1	C		8
Q2903-07	MW-12B-081925	SVOC-TCL BNA -20	920	6	RUPESH	ritesh	1	C		9
Q2903-08	MW-18B-081925	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	C		10
Q2903-09	DUP-02-081925	SVOC-TCL BNA -20	960	6	RUPESH	ritesh	1	C		11
Q2903-10	MW-17A-081925	SVOC-TCL BNA -20	960	6	RUPESH	ritesh	1	C		12
Q2903-11	MW-18A-081925	SVOC-TCL BNA -20	950	11	RUPESH	ritesh	1	C		13
Q2903-12	MW-16B-081925	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	C		14

RS
8/21

* **Extracts relinguished on the same date as received.**

169330
8.50

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2903 **WorkList ID :** 191387 **Department :** Extraction **Date :** 08-21-2025 08:44:02

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2903-01	MW-6A-081925	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J11	08/19/2025	8270E
Q2903-02	MW-1C-081925	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J11	08/19/2025	8270E
Q2903-03	MW-6B-081925	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J11	08/19/2025	8270E
Q2903-04	MW-1B-081925	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J11	08/19/2025	8270E
Q2903-05	Q2903-3MS	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J11	08/19/2025	8270E
Q2903-06	Q2903-3MSD	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J11	08/19/2025	8270E
Q2903-07	MW-12B-081925	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J11	08/19/2025	8270E
Q2903-08	MW-18B-081925	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J11	08/19/2025	8270E
Q2903-09	DUP-02-081925	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J11	08/19/2025	8270E
Q2903-10	MW-17A-081925	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J11	08/19/2025	8270E
Q2903-11	MW-18A-081925	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J11	08/19/2025	8270E
Q2903-12	MW-16B-081925	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J11	08/19/2025	8270E

Date/Time 8/21/25 8:45
Raw Sample Received by: RS (Ext-Lab)
Raw Sample Relinquished by: CP

Date/Time 8/21/25 9:30
Raw Sample Received by: CP
Raw Sample Relinquished by: RS (Ext-Lab)



SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2903
COC Number 2045004

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.: 60673602 LOCATION: Brooklyn, NY
PROJECT MANAGER: Peter S. Cox
e-mail: Pete.Cox@aecom.com
PHONE: 1-978-764-4[illegible] 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 DAYS*
HARDCOPY (DATA PACKAGE): 10 Days DAYS*
EDD: 10 Days 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. Add to 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)	2 (A)	3	4	5	6	7	8	9	COMMENTS
1.	MW-6A-081925	W		X	8/19/25	0820	3	X	X								
2.	MW-1C-081925	W		X	8/19/25	0929	3	X	X								
3.	MW-6B-081925	W		X	8/19/25	0955	3	X	X								
4.	MW-1B-081925	W		X	8/19/25	0955	3	X	X								
5.	MS-01-081925	W		X	8/19/25	1000	3	X	X								
6.	MSD-01-081925	W		X	8/19/25	1000	3	X	X								
7.	MW-2B-081925	W		X	8/19/25	1056	3	X	X								
8.	MW-10B-081925	W		X	8/19/25	1122	3	X	X								
9.	DUP-02-081925	W		X	8/19/25	1122	3	X	X								
10.	MW-17A-081925	W		X	8/19/25	1227	3	X	X								

PRESERVATIVES: ← 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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	8/19/25	1. 1525 8-19-25
2.	DATE/TIME:	2.
3.	DATE/TIME: 1725 8-19-25	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.1 °C
Comments:

Page 1 of 2

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

Alliance TECHNICAL GROUP

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(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2903
COC Number 2045001

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: 60133662 LOCATION: Brooklyn NY
PROJECT MANAGER: Peter S. Cox
e-mail: Pete.cox@AECOM.com
PHONE: 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 EQUIS
☐ EDD FORMAT

ANALYSIS

1: 8270E-SVOC 2: 624oD-VOC 3. 4 5 6 7 8 9

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	MW-16A-081925	W		X	8/19/25	1247	3	X	X								
2.	MW-16B-081925	W		X	8/19/25	1308	3	X	X								
3.	TB	W		X	8/19/25	0800	B2		X								
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

Specify Preservatives: A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	8/19/25 1525	1. 8-19-25
2.		2.
3.	8-19-25 1725	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.2 °C
Comments:

Page 2 of 2

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2903 AECO02
Client Name : AECOM
Client Contact : Peter S
Invoice Name : AECOM
Invoice Contact : Peter S

Order Date : 8/19/2025 3:36:00 PM
Project Name : National Grid Equity - Broc
Receive DateTime : 8/19/2025 5:25:00 PM
Purchase Order :

Project Mgr :
Report Type : ~~Level 2~~ NYS ASP A
EDD Type : EXCEL NJCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2903-01	MW-6A-081925	Water	08/19/2025	08:28					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2903-02	MW-1C-081925	Water	08/19/2025	09:29					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2903-03	MW-6B-081925	Water	08/19/2025	09:55					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2903-04	MW-1B-081925	Water	08/19/2025	09:45					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2903-05	Q2903-03MS ~~MS-01-081925~~	Water	08/19/2025	10:00					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2903-06	Q2903-03MSD ~~MSD-01-081925~~	Water	08/19/2025	10:00					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2903-07	MW-12B-081925	Water	08/19/2025	10:58					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2903-08	MW-18B-081925	Water	08/19/2025	11:22					

Alliance TECHNICAL GROUP
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DP 08/25/2025

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					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2903-09	DUP-02-081925	Water	08/19/2025	11:22					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2903-10	MW-17A-081925	Water	08/19/2025	12:27					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2903-11	MW-18A-081925	Water	08/19/2025	12:47					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2903-12	MW-16B-081925	Water	08/19/2025	13:08					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2903-13	TB	Water	08/19/2025	08:00					
					VOC-TCLVOA-10		8260D		10 Bus. Days

Relinguished By : JW
Date / Time : 8/20/25 0810

Received By : JC
Date / Time : 8/20/25 810

Received on 8/19/25 @ 1725
Placed in SM-REF-2

Storage Area : VOA Refridgerator Room