284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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DATA PACKAGE

SEMI-VOLATILE ORGANICS

PROJECT NAME : NWIRP BETHPAGE 112G08005-WE13

TETRA TECH NUS, INC.

661 Andersen Drive

Suite 200

Pittsburgh, PA - 15220-2745

Phone No: 412-921-7090

ORDER ID : Q2645

ATTENTION : Ernie Wu

Laboratory Certification ID # 20012

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Cover Page

Order ID : Q2645

Project ID : NWIRP Bethpage 112G08005-WE13

Client : Tetra Tech NUS, Inc.

Lab Sample Number	Client Sample Number
Q2645-02	RW5B-CARBON-20250716
Q2645-03	RW5B-CARBON-20250716

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 : APPROVED
By Sohil Jodhani, QA/QC Director at 11:44 am, Jul 30, 2025

Date: 7/28/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Tetra Tech NUS, Inc.
Project Name: NWIRP Bethpage 112G08005-WE13
Project Manager : Ernie Wu
Order ID # Q2645
Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 07/18/2025.

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 analysis of SVOC-TCL BNA -20 was based on method 8270E and extraction was done based on method 3510.

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

The Surrogate recoveries were met for all analysis except for RW5B-CARBON-20250716 [2,4,6-Tribromophenol - 3%, 2-Fluorobiphenyl - 7%, 2-Fluorophenol - 2%, Nitrobenzene-d5 - 9%, Phenol-d6 - 3% and Terphenyl-d14 - 4%]. The similar failure in the Pest / PCB sample was also observed. The surrogates in the re-extracted Pest/PCB sample failed again, confirming the matrix interference. Therefore, the sample RW5B-CARBON-20250716 was not re-extracted and also not re-analyzed, as the reanalysis would result in the same recoveries of the surrogates. Therefor no further corrective action was taken.

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

The MS {Q2649-09MS} with File ID: BF143219.D recoveries met the requirements for all compounds except for 4-Chloroaniline[13%]. Recovery failed due to matrix interference. Therefor no further corrective action was taken.

The MSD {Q2649-09MSD} with File ID: BF143220.D recoveries met the requirements for all compounds except for 4-Chloroaniline[16%]. Recovery failed due to matrix interference. Therefor no further corrective action was taken.

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The RPD for {Q2649-09MSD} with File ID: BF143220.D met criteria except for 4-Chloroaniline[21%]. RPD failed due to result difference between MS and MSD, therefor no further corrective action was taken.

The Blank Spike met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.
The %RSD is greater than 20% for certain compounds in the Initial Calibration (Method 8270-BF071725.M) for 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol these Compound is passing on Linear Regression.

The Continuous Calibration met the requirements.
The Tuning criteria met requirements.

E. Additional Comments:
The laboratory certifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is)."
The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.
The not QT review data is reported in the Miscellaneous.
The soil samples results are based on a dry weight basis.
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___ **APPROVED**
By Sohil Jodhani, QA/QC Director at 11:44 am, Jul 30, 2025

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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q2645 MATRIX: /Water

METHOD: 8270E/3510

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)			✓
2.	GC/MS Tuning Specifications. DFTPP Meet Criteria. (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ)			✓
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 Series.			✓
4.	GC/MS Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series.			✓
5.	GC/MS Calibration Requirements.		✓	
	The %RSD is greater than 20% for certain compounds in the Initial Calibration (Method 8270-BF071725.M) for 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol these Compound is passing on Linear Regression.			
	The Continuous Calibration met the requirements.			
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
7.	Surrogate Recoveries Meet Criteria		✓	
	If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			
	The Surrogate recoveries were met for all analysis except for RW5B-CARBON-20250716 [2,4,6-Tribromophenol - 3%, 2-Fluorobiphenyl - 7%, 2-Fluorophenol - 2%, Nitrobenzene-d5 - 9%, Phenol-d6 - 3% and Terphenyl-d14 - 4%]. The similar failure in the Pest / PCB sample was also observed. The surrogates in the re-extracted Pest/PCB sample failed again, confirming the matrix interference. Therefore, the sample RW5B-CARBON-20250716 was not re-extracted and also not re-analyzed, as the reanalysis would result in the same recoveries of the surrogates. Therefor no further corrective action was taken.			

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

		NA	NO	YES
8.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria		✓	

If not met, list those compounds and their recoveries which fall outside the acceptable range.

The MS {Q2649-09MS} with File ID: BF143219.D recoveries met the requirements for all compounds except for 4-Chloroaniline[13%]. Recovery failed due to matrix interference. Therefor no further corrective action was taken.

The MSD {Q2649-09MSD} with File ID: BF143220.D recoveries met the requirements for all compounds except for 4-Chloroaniline[16%]. Recovery failed due to matrix interference. Therefor no further corrective action was taken.
The Blank Spike met requirements for all compounds.

The RPD for {Q2649-09MSD} with File ID: BF143220.D met criteria except for 4-Chloroaniline[21%]. RPD failed due to result difference between MS and MSD, therefor no further corrective action was taken.

9.	Internal Standard Area/Retention Time Shift Meet Criteria			✓

Comments:

10.	Extraction Holding Time Met			✓

If not met, list number of days exceeded for each sample:

11.	Analysis Holding Time Met			✓

If not met, list number of days exceeded for each sample:

ADDITIONAL COMMENTS:

The laboratory certifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is)."

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

The not QT review data is reported in the Miscellaneous.

The soil samples results are based on a dry weight basis.

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

NA NO YES

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.

QA REVIEW

APPROVED
By Sohil Jodhani, QA/QC Director at 11:45 am, Jul 30, 2025

Date

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2645

	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:** 07/28/2025

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LAB CHRONICLE

OrderID:	Q2645	**OrderDate:**	7/18/2025 11:25:00 AM
Client:	Tetra Tech NUS, Inc.	**Project:**	NWIRP Bethpage 112G08005-WE13
Contact:	Ernie Wu	**Location:**	--Select--,O41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2645-02	**RW5B-CARBON-20250716**	**SOIL**			**07/16/25**			**07/18/25**
			SVOC-TCL BNA -20	8270E		07/22/25	07/23/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2645

Client: Tetra Tech NUS, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	LOD	RDL	Units
Client ID :	**RW5B-CARBON-20250716**									
Q2645-02	RW5B-CARBON-202507	SOIL	Bis(2-ethylhexyl)phthalate		580.000		86.2	190	250	ug/Kg
Q2645-02	RW5B-CARBON-202507	SOIL	Di-n-octyl phthalate		200.000	J	130	390	480	ug/Kg
Q2645-02	RW5B-CARBON-202507	SOIL	1,4-Dioxane		360.000		65.8	190	250	ug/Kg
			Total Svoc :		**1,140.00**					
Q2645-02	RW5B-CARBON-202507	SOIL	Butane, 2-methoxy-2-methyl-	*	1,300.000	J	0		0	ug/Kg
Q2645-02	RW5B-CARBON-202507	SOIL	Ethane, 1,1,2-trichloro-	*	4,600.000	J	0		0	ug/Kg
Q2645-02	RW5B-CARBON-202507	SOIL	Ethylene glycol monoisobutyl eth	*	420.000	J	0		0	ug/Kg
Q2645-02	RW5B-CARBON-202507	SOIL	n-Hexadecanoic acid	*	270.000	J	0		0	ug/Kg
Q2645-02	RW5B-CARBON-202507	SOIL	Propanedioic acid, propyl-	*	3,300.000	J	0		0	ug/Kg
Q2645-02	RW5B-CARBON-202507	SOIL	Propofol	*	320.000	J	0		0	ug/Kg
Q2645-02	RW5B-CARBON-202507	SOIL	unknown2.387	*	430.000	J	0		0	ug/Kg
			Total Tics :		**10,640.00**					
			Total Concentration:		**11,780.00**					

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q2645

Client: Tetra Tech NUS, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168948BL	PB168948BL	2-Fluorophenol	150	115	77		35	115
		Phenol-d6	150	116	77		34	127
		Nitrobenzene-d5	100	79.9	80		37	122
		2-Fluorobiphenyl	100	74.8	75		44	115
		2,4,6-Tribromophenol	150	125	83		39	132
		Terphenyl-d14	100	80.0	80		54	127
PB168948BS	PB168948BS	2-Fluorophenol	150	116	77		35	115
		Phenol-d6	150	118	79		34	127
		Nitrobenzene-d5	100	85.0	85		37	122
		2-Fluorobiphenyl	100	78.7	79		44	115
		2,4,6-Tribromophenol	150	131	87		39	132
		Terphenyl-d14	100	85.7	86		54	127
Q2645-02	RW5B-CARBON-20250716	2-Fluorophenol	150	3.73	2	*	35	115
		Phenol-d6	150	3.88	3	*	34	127
		Nitrobenzene-d5	100	9.31	9	*	37	122
		2-Fluorobiphenyl	100	6.94	7	*	44	115
		2,4,6-Tribromophenol	150	4.54	3	*	39	132
		Terphenyl-d14	100	4.04	4	*	54	127
Q2649-09MS	WC-3MS	2-Fluorophenol	150	81.7	54		35	115
		Phenol-d6	150	89.3	60		34	127
		Nitrobenzene-d5	100	58.8	59		37	122
		2-Fluorobiphenyl	100	54.3	54		44	115
		2,4,6-Tribromophenol	150	92.4	62		39	132
		Terphenyl-d14	100	56.4	56		54	127
Q2649-09MSD	WC-3MSD	2-Fluorophenol	150	83.8	56		35	115
		Phenol-d6	150	92.0	61		34	127
		Nitrobenzene-d5	100	63.6	64		37	122
		2-Fluorobiphenyl	100	54.0	54		44	115
		2,4,6-Tribromophenol	150	92.4	62		39	132
		Terphenyl-d14	100	57.8	58		54	127

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2645 **Analytical Method:** SW8270E

Client: Tetra Tech NUS, Inc. **DataFile:** BF143219.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2649-09MS		**Client Sample ID: WC-3MS**									
Benzaldehyde	1200	0	770	ug/Kg	64				10	161	
Phenol	1200	0	1000	ug/Kg	83				34	121	
bis(2-Chloroethyl)ether	1200	0	1000	ug/Kg	83				31	120	
2-Chlorophenol	1200	0	1100	ug/Kg	92				34	121	
2-Methylphenol	1200	0	1100	ug/Kg	92				32	122	
2,2-oxybis(1-Chloropropane)	1200	0	1000	ug/Kg	83				33	131	
Acetophenone	1200	0	1000	ug/Kg	83				33	115	
3+4-Methylphenols	1200	0	1000	ug/Kg	83				34	119	
N-Nitroso-di-n-propylamine	1200	0	1000	ug/Kg	83				36	120	
Hexachloroethane	1200	0	1100	ug/Kg	92				28	117	
Nitrobenzene	1200	0	1100	ug/Kg	92				34	122	
Isophorone	1200	0	1000	ug/Kg	83				30	122	
2-Nitrophenol	1200	0	1200	ug/Kg	100				36	123	
2,4-Dimethylphenol	1200	0	1000	ug/Kg	83				30	127	
bis(2-Chloroethoxy)methane	1200	0	1000	ug/Kg	83				36	121	
2,4-Dichlorophenol	1200	0	1100	ug/Kg	92				40	122	
Naphthalene	1200	0	1000	ug/Kg	83				35	123	
4-Chloroaniline	1200	0	160	ug/Kg	13	*			17	106	
Hexachlorobutadiene	1200	0	1100	ug/Kg	92				32	123	
Caprolactam	1200	0	1200	ug/Kg	100				46	117	
4-Chloro-3-methylphenol	1200	0	1100	ug/Kg	92				45	122	
2-Methylnaphthalene	1200	0	1100	ug/Kg	92				38	122	
Hexachlorocyclopentadiene	2500	0	2200	ug/Kg	88				43	112	
2,4,6-Trichlorophenol	1200	0	1100	ug/Kg	92				39	126	
2,4,5-Trichlorophenol	1200	0	1100	ug/Kg	92				41	124	
1,1-Biphenyl	1200	0	1100	ug/Kg	92				40	117	
2-Chloronaphthalene	1200	0	1100	ug/Kg	92				41	114	
2-Nitroaniline	1200	0	1100	ug/Kg	92				44	127	
Dimethylphthalate	1200	0	1100	ug/Kg	92				48	124	
Acenaphthylene	1200	0	1100	ug/Kg	92				32	132	
2,6-Dinitrotoluene	1200	0	1200	ug/Kg	100				46	124	
3-Nitroaniline	1200	0	540	ug/Kg	45				33	119	
Acenaphthene	1200	0	1200	ug/Kg	100				40	123	
2,4-Dinitrophenol	2500	0	2700	ug/Kg	108				15	130	
4-Nitrophenol	2500	0	2300	ug/Kg	92				30	132	
Dibenzofuran	1200	0	1100	ug/Kg	92				44	120	
2,4-Dinitrotoluene	1200	0	1300	ug/Kg	108				48	126	
Diethylphthalate	1200	0	1100	ug/Kg	92				50	124	
4-Chlorophenyl-phenylether	1200	0	1100	ug/Kg	92				45	121	
Fluorene	1200	0	1100	ug/Kg	92				43	125	
4-Nitroaniline	1200	0	1200	ug/Kg	100				35	115	
4,6-Dinitro-2-methylphenol	1200	0	1300	ug/Kg	108				29	132	
N-Nitrosodiphenylamine	1200	0	1000	ug/Kg	83				38	127	
4-Bromophenyl-phenylether	1200	0	1100	ug/Kg	92				46	124	
Hexachlorobenzene	1200	0	1100	ug/Kg	92				45	122	
Atrazine	1200	0	1200	ug/Kg	100				47	127	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2645 **Analytical Method:** SW8270E

Client: Tetra Tech NUS, Inc. **DataFile:** BF143219.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	2500	0	1600	ug/Kg	64				25	133	
Phenanthrene	1200	0	1000	ug/Kg	83				50	121	
Anthracene	1200	0	1000	ug/Kg	83				47	123	
Carbazole	1200	0	1100	ug/Kg	92				50	123	
Di-n-butylphthalate	1200	0	1200	ug/Kg	100				51	128	
Fluoranthene	1200	0	1100	ug/Kg	92				50	127	
Pyrene	1200	0	1100	ug/Kg	92				47	127	
Butylbenzylphthalate	1200	0	1400	ug/Kg	117				48	132	
3,3-Dichlorobenzidine	1200	0	370	ug/Kg	31				22	121	
Benzo(a)anthracene	1200	0	1100	ug/Kg	92				49	126	
Chrysene	1200	0	1100	ug/Kg	92				50	124	
bis(2-Ethylhexyl)phthalate	1200	0	1200	ug/Kg	100				51	133	
Di-n-octyl phthalate	1200	0	1100	ug/Kg	92				45	140	
Benzo(b)fluoranthene	1200	0	1100	ug/Kg	92				45	132	
Benzo(k)fluoranthene	1200	0	1100	ug/Kg	92				47	132	
Benzo(a)pyrene	1200	0	1100	ug/Kg	92				45	129	
Indeno(1,2,3-cd)pyrene	1200	0	1100	ug/Kg	92				45	133	
Dibenz(a,h)anthracene	1200	0	1100	ug/Kg	92				45	134	
Benzo(g,h,i)perylene	1200	0	1100	ug/Kg	92				43	134	
1,2,4,5-Tetrachlorobenzene	1200	0	1100	ug/Kg	92				37	119	
1,4-Dioxane	1200	0	920	ug/Kg	77				70	130	
2,3,4,6-Tetrachlorophenol	1200	0	1000	ug/Kg	83				44	125	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2645 **Analytical Method:** SW8270E

Client: Tetra Tech NUS, Inc. **DataFile:** BF143220.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2649-09MSD		**Client Sample ID: WC-3MSD**									
Benzaldehyde	1200	0	810	ug/Kg	68		6		10	161	20
Phenol	1200	0	1100	ug/Kg	92		10		34	121	20
bis(2-Chloroethyl)ether	1200	0	1000	ug/Kg	83		0		31	120	20
2-Chlorophenol	1200	0	1100	ug/Kg	92		0		34	121	20
2-Methylphenol	1200	0	1100	ug/Kg	92		0		32	122	20
2,2-oxybis(1-Chloropropane)	1200	0	1100	ug/Kg	92		10		33	131	20
Acetophenone	1200	0	1000	ug/Kg	83		0		33	115	20
3+4-Methylphenols	1200	0	1100	ug/Kg	92		10		34	119	20
N-Nitroso-di-n-propylamine	1200	0	1000	ug/Kg	83		0		36	120	20
Hexachloroethane	1200	0	1100	ug/Kg	92		0		28	117	20
Nitrobenzene	1200	0	1100	ug/Kg	92		0		34	122	20
Isophorone	1200	0	1100	ug/Kg	92		10		30	122	20
2-Nitrophenol	1200	0	1200	ug/Kg	100		0		36	123	20
2,4-Dimethylphenol	1200	0	1100	ug/Kg	92		10		30	127	20
bis(2-Chloroethoxy)methane	1200	0	1100	ug/Kg	92		10		36	121	20
2,4-Dichlorophenol	1200	0	1100	ug/Kg	92		0		40	122	20
Naphthalene	1200	0	1100	ug/Kg	92		10		35	123	20
4-Chloroaniline	1200	0	190	ug/Kg	16	*	21	*	17	106	20
Hexachlorobutadiene	1200	0	1100	ug/Kg	92		0		32	123	20
Caprolactam	1200	0	1200	ug/Kg	100		0		46	117	20
4-Chloro-3-methylphenol	1200	0	1100	ug/Kg	92		0		45	122	20
2-Methylnaphthalene	1200	0	1100	ug/Kg	92		0		38	122	20
Hexachlorocyclopentadiene	2500	0	2100	ug/Kg	84		5		43	112	20
2,4,6-Trichlorophenol	1200	0	1000	ug/Kg	83		10		39	126	20
2,4,5-Trichlorophenol	1200	0	1100	ug/Kg	92		0		41	124	20
1,1-Biphenyl	1200	0	1100	ug/Kg	92		0		40	117	20
2-Chloronaphthalene	1200	0	1000	ug/Kg	83		10		41	114	20
2-Nitroaniline	1200	0	1200	ug/Kg	100		8		44	127	20
Dimethylphthalate	1200	0	1100	ug/Kg	92		0		48	124	20
Acenaphthylene	1200	0	1100	ug/Kg	92		0		32	132	20
2,6-Dinitrotoluene	1200	0	1200	ug/Kg	100		0		46	124	20
3-Nitroaniline	1200	0	550	ug/Kg	46		2		33	119	20
Acenaphthene	1200	0	1200	ug/Kg	100		0		40	123	20
2,4-Dinitrophenol	2500	0	2800	ug/Kg	112		4		15	130	20
4-Nitrophenol	2500	0	2300	ug/Kg	92		0		30	132	20
Dibenzofuran	1200	0	1100	ug/Kg	92		0		44	120	20
2,4-Dinitrotoluene	1200	0	1300	ug/Kg	108		0		48	126	20
Diethylphthalate	1200	0	1100	ug/Kg	92		0		50	124	20
4-Chlorophenyl-phenylether	1200	0	1100	ug/Kg	92		0		45	121	20
Fluorene	1200	0	1100	ug/Kg	92		0		43	125	20
4-Nitroaniline	1200	0	1200	ug/Kg	100		0		35	115	20
4,6-Dinitro-2-methylphenol	1200	0	1300	ug/Kg	108		0		29	132	20
N-Nitrosodiphenylamine	1200	0	1000	ug/Kg	83		0		38	127	20
4-Bromophenyl-phenylether	1200	0	1100	ug/Kg	92		0		46	124	20
Hexachlorobenzene	1200	0	1000	ug/Kg	83		10		45	122	20
Atrazine	1200	0	1200	ug/Kg	100		0		47	127	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2645 **Analytical Method:** SW8270E

Client: Tetra Tech NUS, Inc. **DataFile:** BF143220.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	2500	0	1600	ug/Kg	64	0			25	133	20
Phenanthrene	1200	0	1000	ug/Kg	83	0			50	121	20
Anthracene	1200	0	1000	ug/Kg	83	0			47	123	20
Carbazole	1200	0	1100	ug/Kg	92	0			50	123	20
Di-n-butylphthalate	1200	0	1200	ug/Kg	100	0			51	128	20
Fluoranthene	1200	0	1100	ug/Kg	92	0			50	127	20
Pyrene	1200	0	1100	ug/Kg	92	0			47	127	20
Butylbenzylphthalate	1200	0	1400	ug/Kg	117	0			48	132	20
3,3-Dichlorobenzidine	1200	0	370	ug/Kg	31	0			22	121	20
Benzo(a)anthracene	1200	0	1100	ug/Kg	92	0			49	126	20
Chrysene	1200	0	1100	ug/Kg	92	0			50	124	20
bis(2-Ethylhexyl)phthalate	1200	0	1200	ug/Kg	100	0			51	133	20
Di-n-octyl phthalate	1200	0	1100	ug/Kg	92	0			45	140	20
Benzo(b)fluoranthene	1200	0	1100	ug/Kg	92	0			45	132	20
Benzo(k)fluoranthene	1200	0	1100	ug/Kg	92	0			47	132	20
Benzo(a)pyrene	1200	0	1100	ug/Kg	92	0			45	129	20
Indeno(1,2,3-cd)pyrene	1200	0	1100	ug/Kg	92	0			45	133	20
Dibenz(a,h)anthracene	1200	0	1100	ug/Kg	92	0			45	134	20
Benzo(g,h,i)perylene	1200	0	1100	ug/Kg	92	0			43	134	20
1,2,4,5-Tetrachlorobenzene	1200	0	1000	ug/Kg	83	10			37	119	20
1,4-Dioxane	1200	0	910	ug/Kg	76	1			70	130	20
2,3,4,6-Tetrachlorophenol	1200	0	1000	ug/Kg	83	0			44	125	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2645 **Analytical Method:** 8270E

Client: Tetra Tech NUS, Inc. **DataFile:** BF143215.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168948BS	Benzaldehyde	1700	1100	ug/Kg	65				10	161	
	Phenol	1700	1400	ug/Kg	82				34	121	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				31	120	
	2-Chlorophenol	1700	1500	ug/Kg	88				34	121	
	2-Methylphenol	1700	1500	ug/Kg	88				32	122	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				33	131	
	Acetophenone	1700	1400	ug/Kg	82				33	115	
	3+4-Methylphenols	1700	1500	ug/Kg	88				34	119	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				36	120	
	Hexachloroethane	1700	1500	ug/Kg	88				28	117	
	Nitrobenzene	1700	1500	ug/Kg	88				34	122	
	Isophorone	1700	1500	ug/Kg	88				30	122	
	2-Nitrophenol	1700	1700	ug/Kg	100				36	123	
	2,4-Dimethylphenol	1700	1400	ug/Kg	82				30	127	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				36	121	
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				40	122	
	Naphthalene	1700	1500	ug/Kg	88				35	123	
	4-Chloroaniline	1700	660	ug/Kg	39				17	106	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				32	123	
	Caprolactam	1700	1700	ug/Kg	100				46	117	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				45	122	
	2-Methylnaphthalene	1700	1500	ug/Kg	88				38	122	
	Hexachlorocyclopentadiene	3300	3100	ug/Kg	94				43	112	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				39	126	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				41	124	
	1,1-Biphenyl	1700	1500	ug/Kg	88				40	117	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				41	114	
	2-Nitroaniline	1700	1600	ug/Kg	94				44	127	
	Dimethylphthalate	1700	1500	ug/Kg	88				48	124	
	Acenaphthylene	1700	1500	ug/Kg	88				32	132	
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				46	124	
	3-Nitroaniline	1700	1100	ug/Kg	65				33	119	
	Acenaphthene	1700	1600	ug/Kg	94				40	123	
	2,4-Dinitrophenol	3300	3700	ug/Kg	112				15	130	
	4-Nitrophenol	3300	3100	ug/Kg	94				30	132	
	Dibenzofuran	1700	1500	ug/Kg	88				44	120	
	2,4-Dinitrotoluene	1700	1800	ug/Kg	106				48	126	
	Diethylphthalate	1700	1600	ug/Kg	94				50	124	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				45	121	
	Fluorene	1700	1500	ug/Kg	88				43	125	
	4-Nitroaniline	1700	1700	ug/Kg	100				35	115	
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				29	132	
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				38	127	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				46	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2645 **Analytical Method:** 8270E

Client: Tetra Tech NUS, Inc. **DataFile:** BF143215.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168948BS	Hexachlorobenzene	1700	1500	ug/Kg	88				45	122	
	Atrazine	1700	1700	ug/Kg	100				47	127	
	Pentachlorophenol	3300	2100	ug/Kg	64				25	133	
	Phenanthrene	1700	1500	ug/Kg	88				50	121	
	Anthracene	1700	1500	ug/Kg	88				47	123	
	Carbazole	1700	1500	ug/Kg	88				50	123	
	Di-n-butylphthalate	1700	1600	ug/Kg	94				51	128	
	Fluoranthene	1700	1500	ug/Kg	88				50	127	
	Pyrene	1700	1600	ug/Kg	94				47	127	
	Butylbenzylphthalate	1700	2000	ug/Kg	118				48	132	
	3,3-Dichlorobenzidine	1700	840	ug/Kg	49				22	121	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				49	126	
	Chrysene	1700	1500	ug/Kg	88				50	124	
	bis(2-Ethylhexyl)phthalate	1700	1700	ug/Kg	100				51	133	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				45	140	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				45	132	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				47	132	
	Benzo(a)pyrene	1700	1500	ug/Kg	88				45	129	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				45	133	
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				45	134	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				43	134	
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				37	119	
	1,4-Dioxane	1700	1200	ug/Kg	71				70	130	
	2,3,4,6-Tetrachlorophenol	1700	1400	ug/Kg	82				44	125	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB168948BL

Lab Name: Alliance | Contract: TETR06

Lab Code: ACE | SDG NO.: Q2645

Lab File ID: BF143214.D | Lab Sample ID: PB168948BL

Instrument ID: BNA_F | Date Extracted: 07/22/2025

Matrix: (soil/water) SOIL | Date Analyzed: 07/23/2025

Level: (low/med) LOW | Time Analyzed: 16:30

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168948BS	PB168948BS	BF143215.D	07/23/2025
RW5B-CARBON-20250716	Q2645-02	BF143216.D	07/23/2025
WC-3MS	Q2649-09MS	BF143219.D	07/23/2025
WC-3MSD	Q2649-09MSD	BF143220.D	07/23/2025

COMMENTS:

Form IV SV

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q2645

Lab File ID: BF143138.D DFTPP Injection Date: 07/17/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:58

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	100
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	6.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	79.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF143140.D	07/17/2025	11:04
SSTDICC005	SSTDICC005	BF143141.D	07/17/2025	11:34
SSTDICC010	SSTDICC010	BF143142.D	07/17/2025	12:04
SSTDICC020	SSTDICC020	BF143143.D	07/17/2025	12:34
SSTDICCC040	SSTDICCC040	BF143144.D	07/17/2025	13:03
SSTDICC050	SSTDICC050	BF143145.D	07/17/2025	13:33
SSTDICC060	SSTDICC060	BF143146.D	07/17/2025	14:04
SSTDICC080	SSTDICC080	BF143147.D	07/17/2025	14:34

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q2645

Lab File ID: BF143209.D DFTPP Injection Date: 07/23/2025

Instrument ID: BNA_F DFTPP Injection Time: 13:34

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	100
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	78.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.1) 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	BF143210.D	07/23/2025	14:33
PB168948BL	PB168948BL	BF143214.D	07/23/2025	16:30
PB168948BS	PB168948BS	BF143215.D	07/23/2025	16:59
RW5B-CARBON-20250716	Q2645-02	BF143216.D	07/23/2025	17:28
WC-3MS	Q2649-09MS	BF143219.D	07/23/2025	18:56
WC-3MSD	Q2649-09MSD	BF143220.D	07/23/2025	19:25
SSTDCCC040EC	SSTDCCC040	BF143221.D	07/23/2025	19:54

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2645

Client ID : SSTDCCC040 Date Analyzed: 07/23/2025

Lab File ID: BF143210.D Time Analyzed: 14:33

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	97351	6.963	364498	8.25	187438	10.00
	UPPER LIMIT	194702	7.463	728996	8.745	374876	10.498
	LOWER LIMIT	48675.5	6.463	182249	7.745	93719	9.498
	EPA SAMPLE NO.						
01	PB168948BL	130534	6.96	502795	8.24	278326	10.00
02	PB168948BS	126300	6.96	493438	8.25	259875	10.00
03	RW5B-CARBON-20250716	123339	6.96	475879	8.24	255682	10.00
04	WC-3MS	129050	6.96	500596	8.25	258431	10.00
05	WC-3MSD	123942	6.96	487638	8.25	259548	10.00

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.: Q2645

Client ID: SSTDCCC040 Date Analyzed: 07/23/2025

Lab File ID: BF143210.D Time Analyzed: 14:33

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	309922	11.486	228057	14.121	245226	15.627
	UPPER LIMIT	619844	11.986	456114	14.621	490452	16.127
	LOWER LIMIT	154961	10.986	114029	13.621	122613	15.127
	EPA SAMPLE NO.						
01	PB168948BL	500788	11.49	303819	14.12	276240	15.62
02	PB168948BS	435477	11.49	244161	14.13	257113	15.63
03	RW5B-CARBON-20250716	430196	11.48	262836	14.12	258643	15.62
04	WC-3MS	430420	11.49	253028	14.12	273066	15.63
05	WC-3MSD	437619	11.49	254287	14.12	273112	15.63

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

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

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

SAMPLE DATA

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	07/16/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	07/18/25
Client Sample ID:	RW5B-CARBON-20250716	SDG No.:	Q2645
Lab Sample ID:	Q2645-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	68.6
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143216.D	1	07/22/25 10:05	07/23/25 17:28	PB168948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	390	U	230	390	480	ug/Kg
108-95-2	Phenol	190	U	32.2	190	250	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	190	U	35.4	190	250	ug/Kg
95-57-8	2-Chlorophenol	190	U	35.5	190	250	ug/Kg
95-48-7	2-Methylphenol	190	U	43.6	190	250	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	190	U	54.6	190	250	ug/Kg
98-86-2	Acetophenone	190	U	43.0	190	250	ug/Kg
65794-96-9	3+4-Methylphenols	390	U	59.9	390	480	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	120	U	69.1	120	120	ug/Kg
67-72-1	Hexachloroethane	190	U	25.6	190	250	ug/Kg
98-95-3	Nitrobenzene	190	U	26.7	190	250	ug/Kg
78-59-1	Isophorone	190	U	47.8	190	250	ug/Kg
88-75-5	2-Nitrophenol	190	U	84.8	190	250	ug/Kg
105-67-9	2,4-Dimethylphenol	190	U	94.4	190	250	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	190	U	44.9	190	250	ug/Kg
120-83-2	2,4-Dichlorophenol	190	U	41.2	190	250	ug/Kg
91-20-3	Naphthalene	190	U	33.1	190	250	ug/Kg
106-47-8	4-Chloroaniline	190	U	51.6	190	250	ug/Kg
87-68-3	Hexachlorobutadiene	190	U	36.9	190	250	ug/Kg
105-60-2	Caprolactam	390	U	75.9	390	480	ug/Kg
59-50-7	4-Chloro-3-methylphenol	190	U	41.8	190	250	ug/Kg
91-57-6	2-Methylnaphthalene	190	U	37.3	190	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	390	U	170	390	480	ug/Kg
88-06-2	2,4,6-Trichlorophenol	190	U	28.8	190	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	190	U	42.4	190	250	ug/Kg
92-52-4	1,1-Biphenyl	190	U	31.8	190	250	ug/Kg
91-58-7	2-Chloronaphthalene	190	U	32.8	190	250	ug/Kg
88-74-4	2-Nitroaniline	190	U	70.1	190	250	ug/Kg
131-11-3	Dimethylphthalate	190	U	39.5	190	250	ug/Kg

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Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	07/16/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	07/18/25
Client Sample ID:	RW5B-CARBON-20250716	SDG No.:	Q2645
Lab Sample ID:	Q2645-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	68.6
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143216.D	1	07/22/25 10:05	07/23/25 17:28	PB168948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	190	U	42.1	190	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	190	U	48.9	190	250	ug/Kg
99-09-2	3-Nitroaniline	190	U	67.0	190	250	ug/Kg
83-32-9	Acenaphthene	190	U	31.0	190	250	ug/Kg
51-28-5	2,4-Dinitrophenol	390	U	330	390	480	ug/Kg
100-02-7	4-Nitrophenol	390	U	160	390	480	ug/Kg
132-64-9	Dibenzofuran	190	U	33.1	190	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	190	U	73.0	190	250	ug/Kg
84-66-2	Diethylphthalate	190	U	41.2	190	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	190	U	38.9	190	250	ug/Kg
86-73-7	Fluorene	190	U	36.9	190	250	ug/Kg
100-01-6	4-Nitroaniline	190	U	93.5	190	250	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	390	U	150	390	480	ug/Kg
86-30-6	n-Nitrosodiphenylamine	190	U	47.9	190	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	190	U	40.5	190	250	ug/Kg
118-74-1	Hexachlorobenzene	190	U	36.9	190	250	ug/Kg
1912-24-9	Atrazine	190	U	49.5	190	250	ug/Kg
87-86-5	Pentachlorophenol	390	U	74.7	390	480	ug/Kg
85-01-8	Phenanthrene	190	U	30.4	190	250	ug/Kg
120-12-7	Anthracene	190	U	48.5	190	250	ug/Kg
86-74-8	Carbazole	190	U	45.5	190	250	ug/Kg
84-74-2	Di-n-butylphthalate	190	U	69.8	190	250	ug/Kg
206-44-0	Fluoranthene	190	U	43.7	190	250	ug/Kg
129-00-0	Pyrene	190	U	52.4	190	250	ug/Kg
85-68-7	Butylbenzylphthalate	190	U	100	190	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	390	U	53.5	390	480	ug/Kg
56-55-3	Benzo(a)anthracene	190	U	33.5	190	250	ug/Kg
218-01-9	Chrysene	190	U	29.0	190	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	580		86.2	190	250	ug/Kg
117-84-0	Di-n-octyl phthalate	200	J	130	390	480	ug/Kg
205-99-2	Benzo(b)fluoranthene	190	U	27.7	190	250	ug/Kg

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	07/16/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	07/18/25
Client Sample ID:	RW5B-CARBON-20250716	SDG No.:	Q2645
Lab Sample ID:	Q2645-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	68.6
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143216.D	1	07/22/25 10:05	07/23/25 17:28	PB168948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	190	U	32.6	190	250	ug/Kg
50-32-8	Benzo(a)pyrene	190	U	43.0	190	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	U	42.4	190	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	U	39.9	190	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190	U	37.4	190	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	190	U	37.3	190	250	ug/Kg
123-91-1	1,4-Dioxane	360		65.8	190	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	190	U	39.9	190	250	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	3.73	*	35 - 115		2%	SPK: 150
13127-88-3	Phenol-d6	3.88	*	34 - 127		3%	SPK: 150
4165-60-0	Nitrobenzene-d5	9.31	*	37 - 122		9%	SPK: 100
321-60-8	2-Fluorobiphenyl	6.94	*	44 - 115		7%	SPK: 100
118-79-6	2,4,6-Tribromophenol	4.54	*	39 - 132		3%	SPK: 150
1718-51-0	Terphenyl-d14	4.04	*	54 - 127		4%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	123000	6.963				
1146-65-2	Naphthalene-d8	476000	8.24				
15067-26-2	Acenaphthene-d10	256000	9.998				
1517-22-2	Phenanthrene-d10	430000	11.48				
1719-03-5	Chrysene-d12	263000	14.116				
1520-96-3	Perylene-d12	259000	15.621				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			2.32	ug/Kg
	unknown2.387	430	J			2.39	ug/Kg
000079-00-5	Ethane, 1,1,2-trichloro-	4600	J			4.31	ug/Kg
000616-62-6	Propanedioic acid, propyl-	3300	J			5.16	ug/Kg
004439-24-1	Ethylene glycol monoisobutyl ether	420	J			5.92	ug/Kg
002078-54-8	Propofol	320	J			9.86	ug/Kg
000057-10-3	n-Hexadecanoic acid	270	J			12.0	ug/Kg

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	07/16/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	07/18/25
Client Sample ID:	RW5B-CARBON-20250716	SDG No.:	Q2645
Lab Sample ID:	Q2645-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	68.6
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143216.D	1	07/22/25 10:05	07/23/25 17:28	PB168948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143216.D
Acq On : 23 Jul 2025 17:28
Operator : RC/JU
Sample : Q2645-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5B-CARBON-20250716

Quant Time: Jul 23 17:50:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

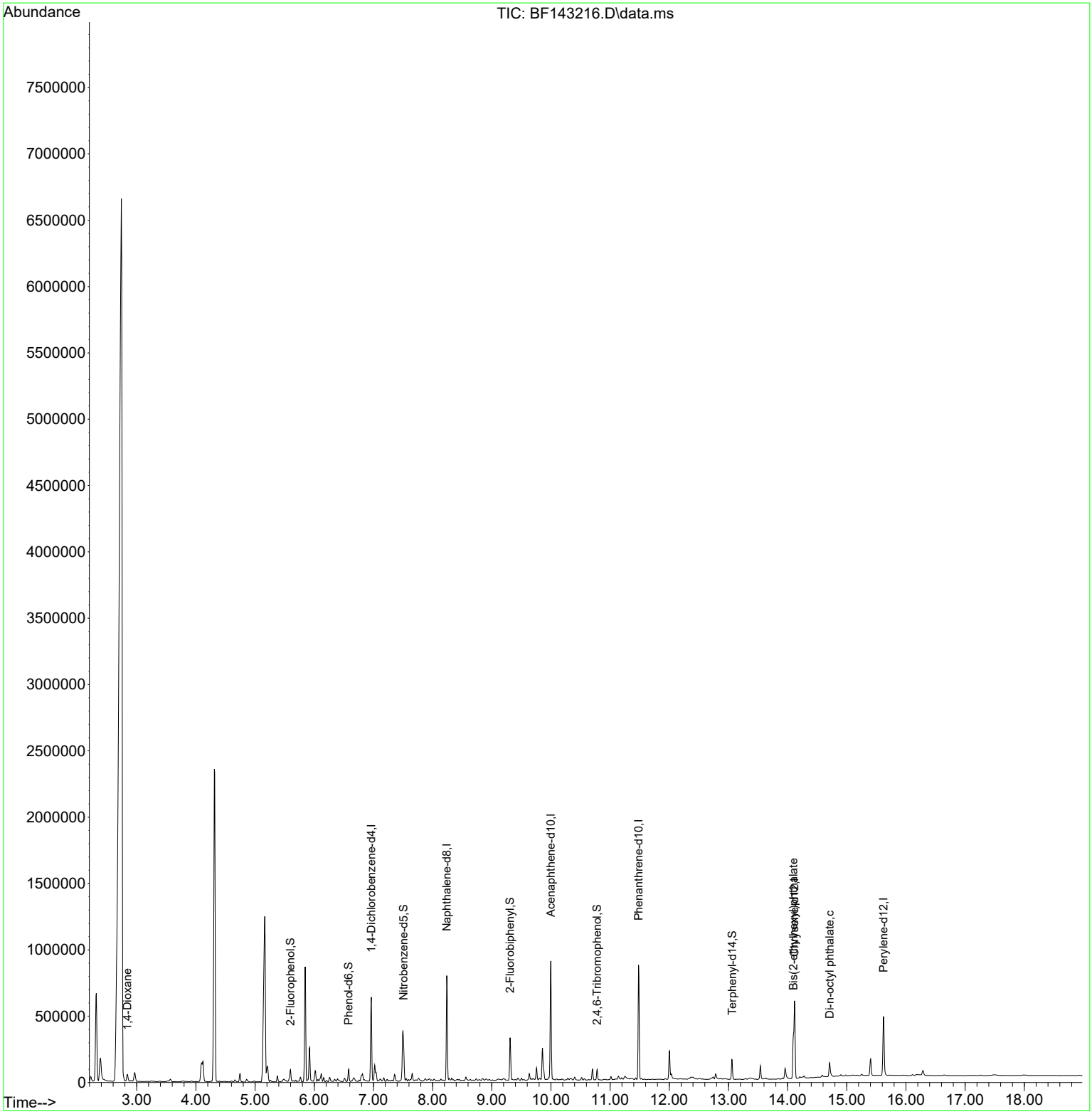
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	123339	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	475879	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	255682	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	430196	20.000	ng	0.00
76) Chrysene-d12	14.116	240	262836	20.000	ng	0.00
86) Perylene-d12	15.621	264	258643	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.599	112	29101	3.734	ng	0.01
7) Phenol-d6	6.581	99	38043	3.878	ng	0.00
23) Nitrobenzene-d5	7.510	82	88924	9.315	ng	-0.01
42) 2,4,6-Tribromophenol	10.781	330	11984	4.537	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	129738	6.940	ng	-0.01
79) Terphenyl-d14	13.063	244	71384	4.042	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.840	88	27006	7.323	ng	# 95
84) Bis(2-ethylhexyl)phtha...	14.098	149	123557	11.884	ng	99
85) Di-n-octyl phthalate	14.710	149	75818	4.023	ng	# 96

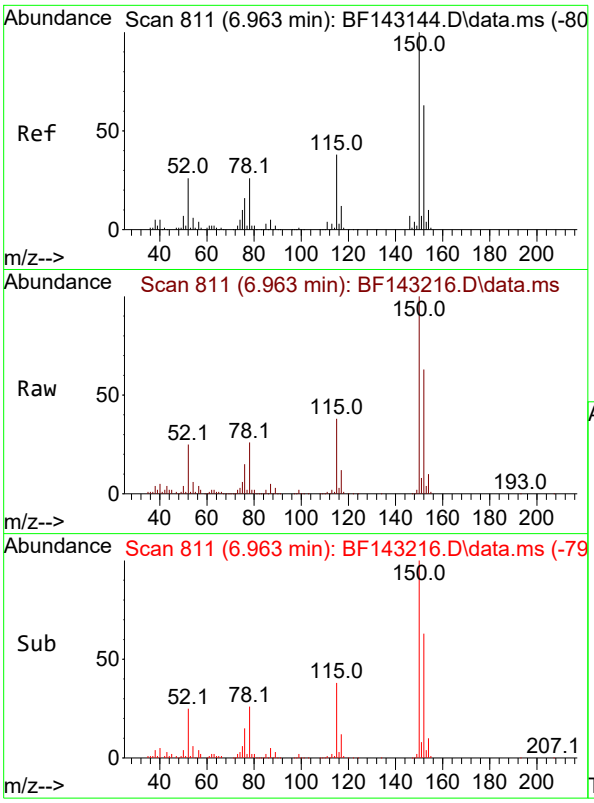
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143216.D
Acq On : 23 Jul 2025 17:28
Operator : RC/JU
Sample : Q2645-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5B-CARBON-20250716

Quant Time: Jul 23 17:50:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



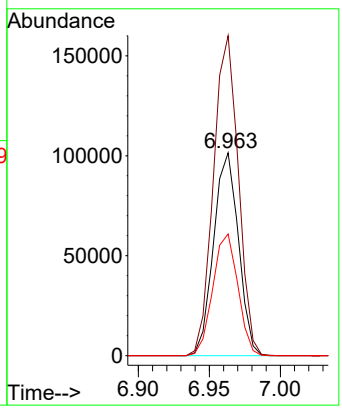


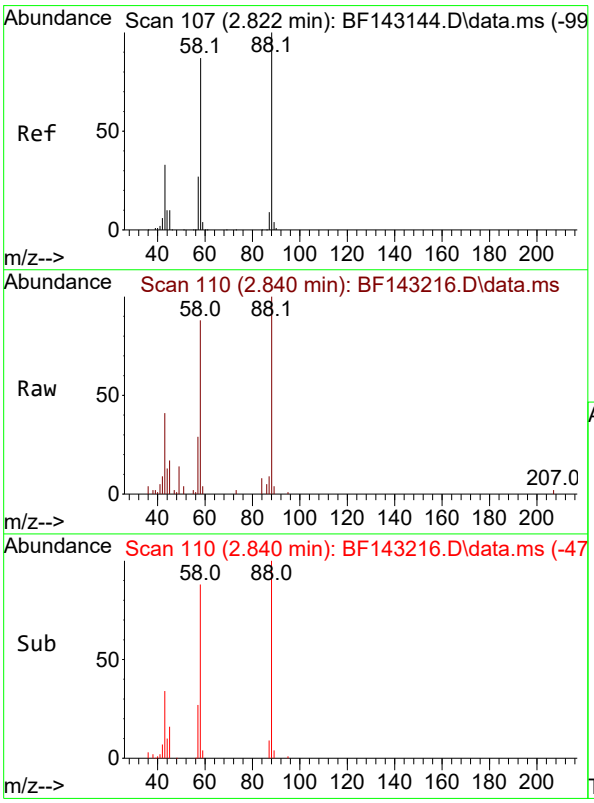
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143216.D
Acq: 23 Jul 2025 17:28

Instrument :
BNA_F
ClientSampleId :
RW5B-CARBON-20250716

Tgt Ion:152 Resp: 123339

Ion	Ratio	Lower	Upper
152	100		
150	157.7	128.2	192.4
115	60.0	47.9	71.9

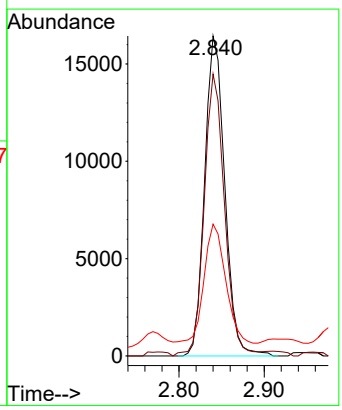


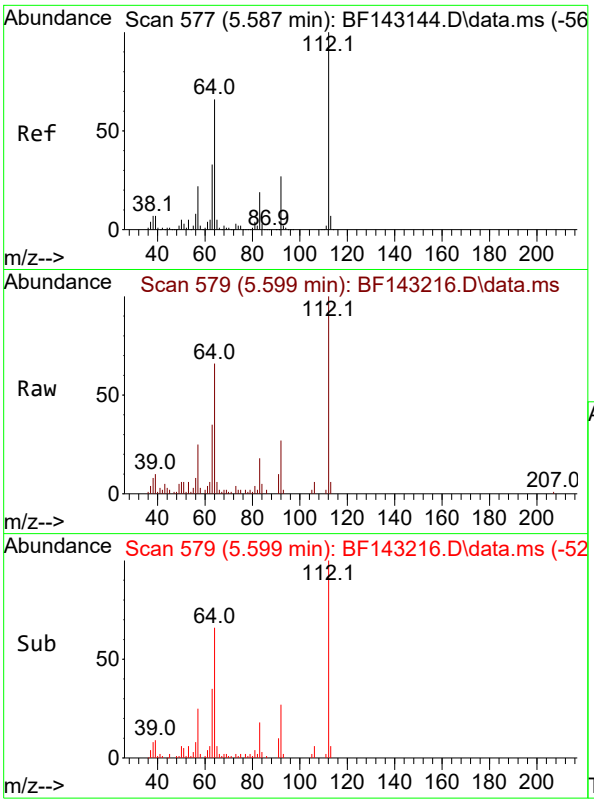


#2
1,4-Dioxane
Concen: 7.323 ng
RT: 2.840 min Scan# 110
Delta R.T. 0.018 min
Lab File: BF143216.D
Acq: 23 Jul 2025 17:28

Tgt Ion: 88 Resp: 27006

Ion	Ratio	Lower	Upper
88	100		
58	89.1	70.2	105.2
43	42.7	27.1	40.7#



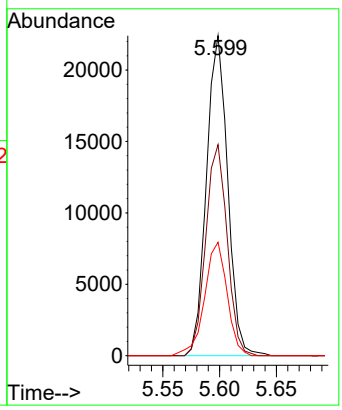


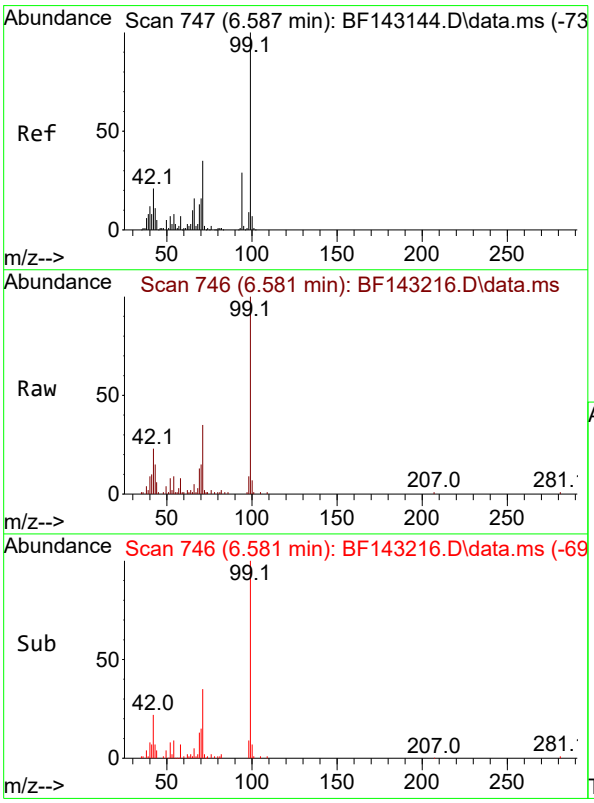
#5
2-Fluorophenol
Concen: 3.734 ng
RT: 5.599 min Scan# 5
Delta R.T. 0.012 min
Lab File: BF143216.D
Acq: 23 Jul 2025 17:28

Instrument :
BNA_F
ClientSampleId :
RW5B-CARBON-20250716

Tgt Ion:112 Resp: 29101

Ion	Ratio	Lower	Upper
112	100		
64	65.9	53.1	79.7
63	35.5	26.6	40.0

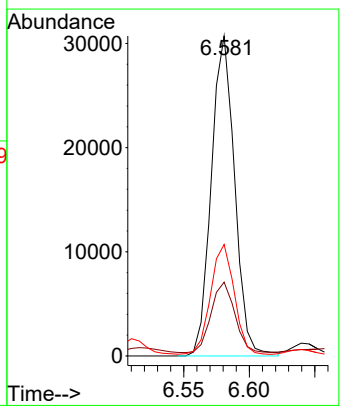


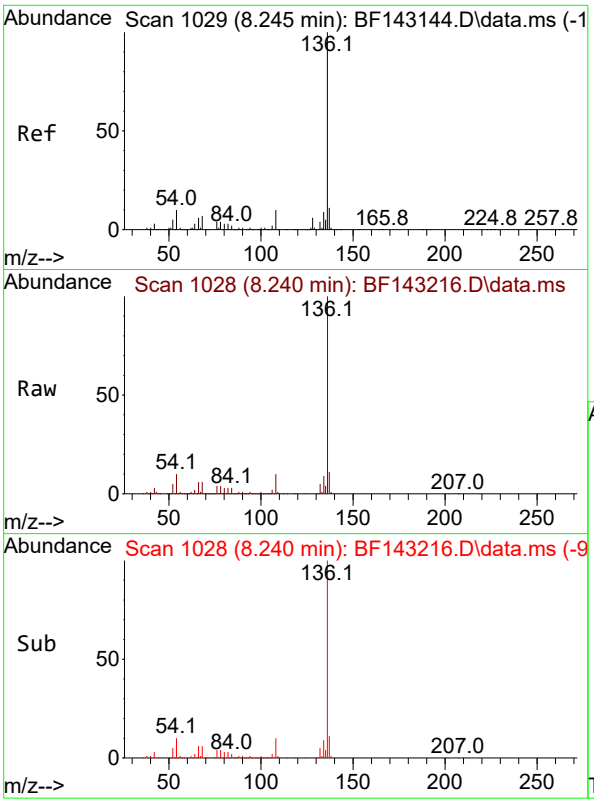


#7
Phenol-d6
Concen: 3.878 ng
RT: 6.581 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF143216.D
Acq: 23 Jul 2025 17:28

Tgt Ion: 99 Resp: 38043

Ion	Ratio	Lower	Upper
99	100		
42	23.0	17.0	25.6
71	34.8	27.7	41.5



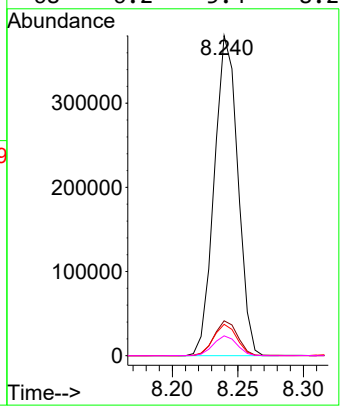


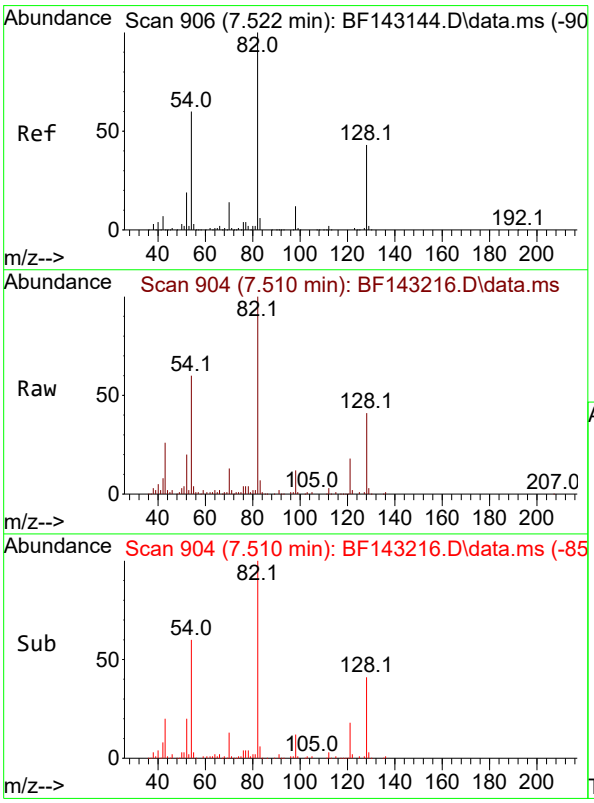
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF143216.D
Acq: 23 Jul 2025 17:28

Instrument :
BNA_F
ClientSampleId :
RW5B-CARBON-20250716

Tgt Ion:136 Resp: 475879

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.8	8.2	12.2
68	6.2	5.4	8.2

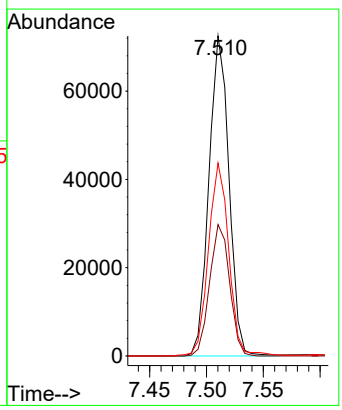


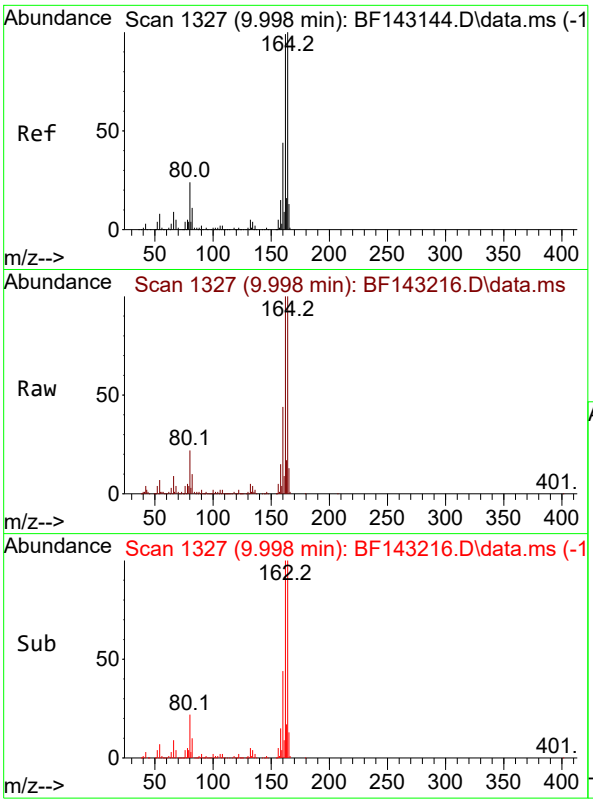


#23
Nitrobenzene-d5
Concen: 9.315 ng
RT: 7.510 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF143216.D
Acq: 23 Jul 2025 17:28

Tgt Ion: 82 Resp: 88924

Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.6	50.4
54	60.2	47.1	70.7



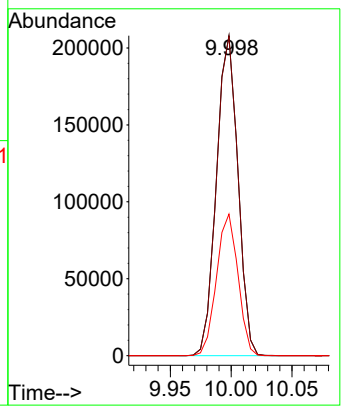


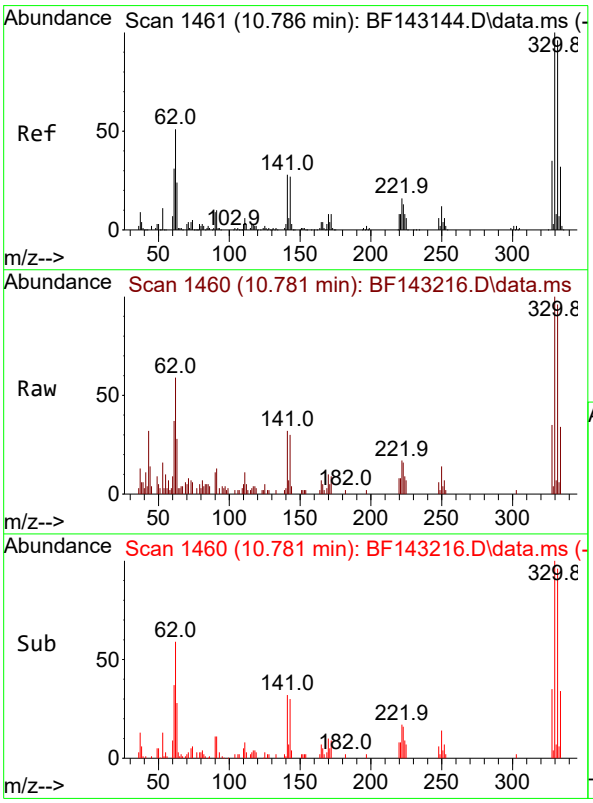
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143216.D
Acq: 23 Jul 2025 17:28

Instrument :
BNA_F
ClientSampleId :
RW5B-CARBON-20250716

Tgt Ion:164 Resp: 255682

Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.0	118.6
160	44.3	35.1	52.7

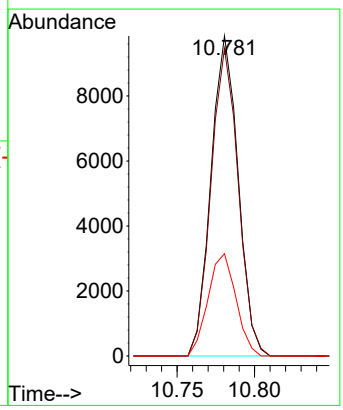


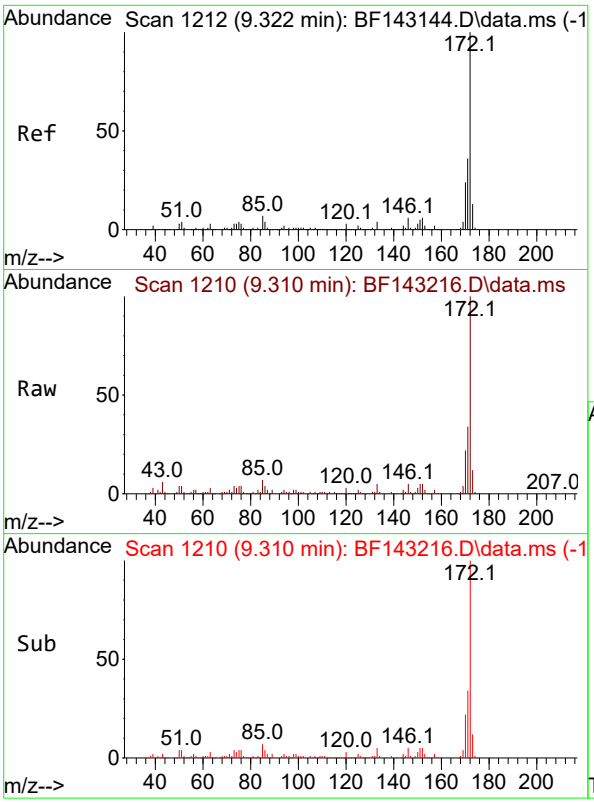


#42
2,4,6-Tribromophenol
Concen: 4.537 ng
RT: 10.781 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF143216.D
Acq: 23 Jul 2025 17:28

Tgt Ion:330 Resp: 11984

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.7	115.1
141	32.9	23.3	34.9



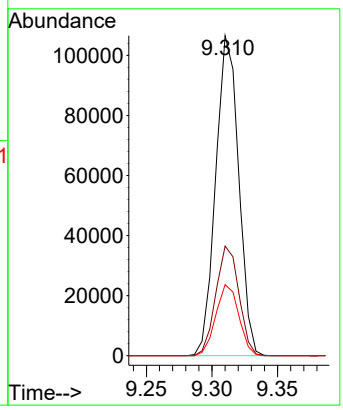


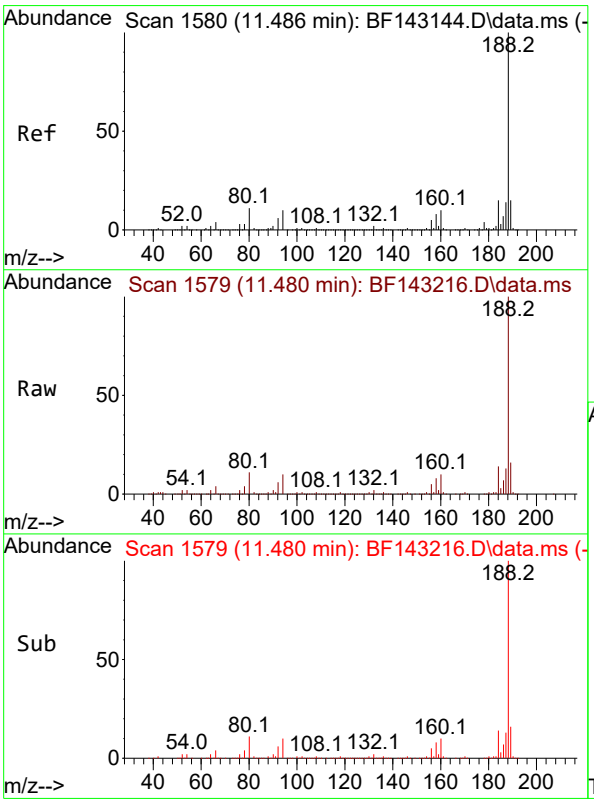
#45
2-Fluorobiphenyl
Concen: 6.940 ng
RT: 9.310 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143216.D
Acq: 23 Jul 2025 17:28

Instrument :
BNA_F
ClientSampleId :
RW5B-CARBON-20250716

Tgt Ion:172 Resp: 129738

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.6	42.8
170	22.2	18.8	28.2

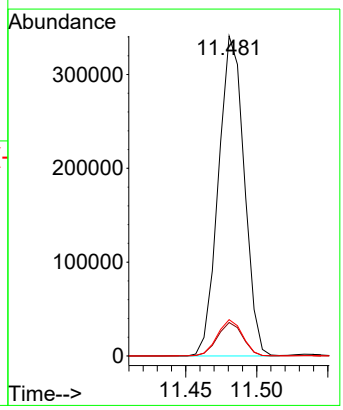


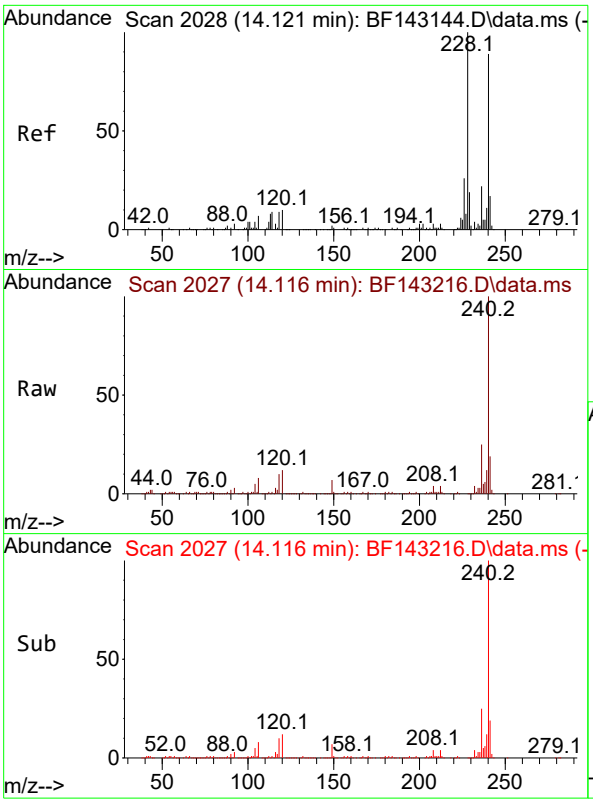


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143216.D
Acq: 23 Jul 2025 17:28

Tgt Ion:188 Resp: 430196

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.3	12.5
80	11.4	9.0	13.6



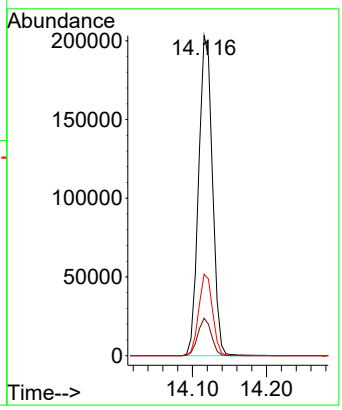


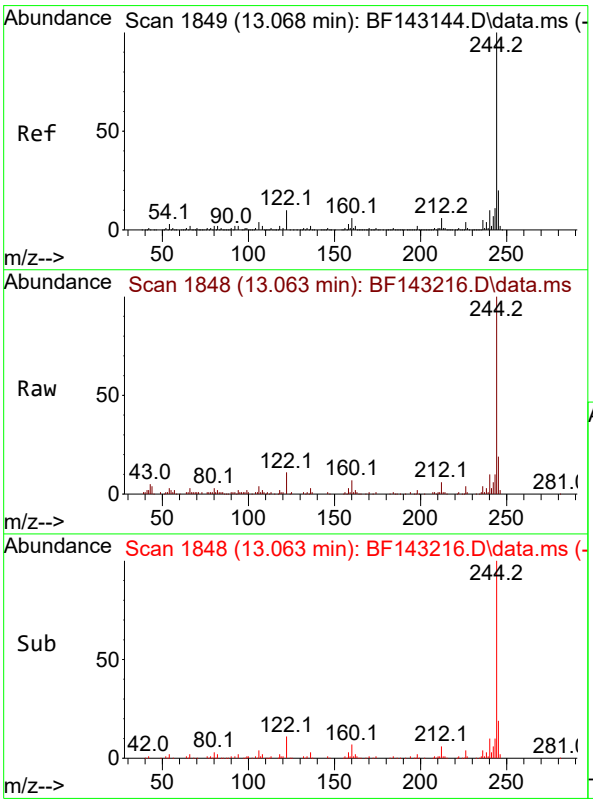
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143216.D
Acq: 23 Jul 2025 17:28

Instrument :
BNA_F
ClientSampleId :
RW5B-CARBON-20250716

Tgt Ion:240 Resp: 262836

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.4	14.2
236	25.4	20.2	30.4

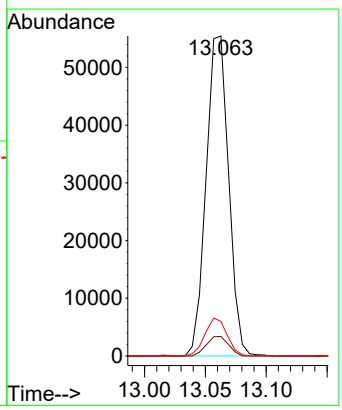


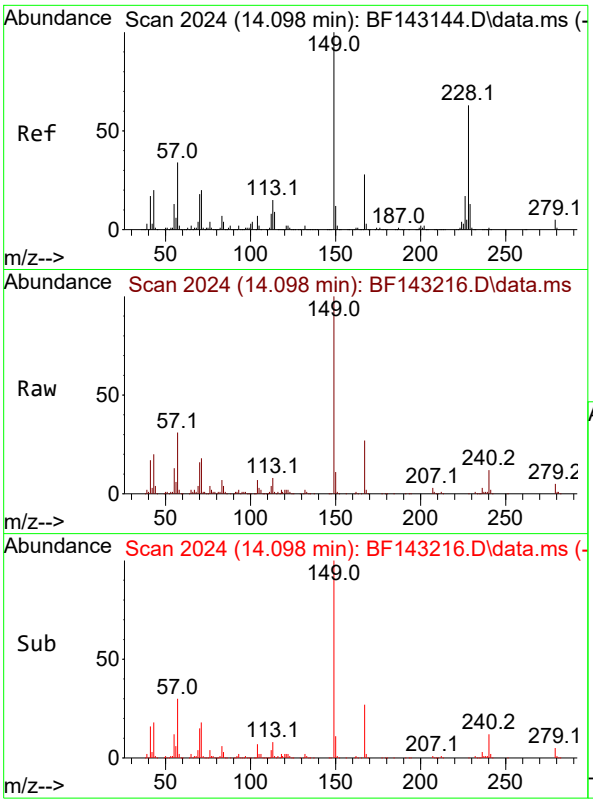


#79
Terphenyl-d14
Concen: 4.042 ng
RT: 13.063 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF143216.D
Acq: 23 Jul 2025 17:28

Tgt Ion:244 Resp: 71384

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.2	7.8
122	10.8	8.2	12.2



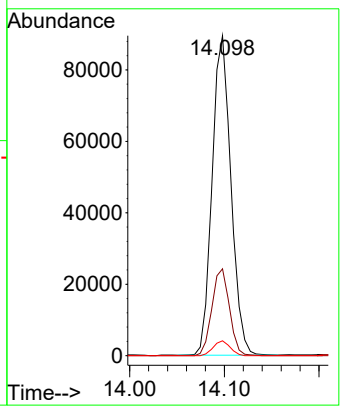


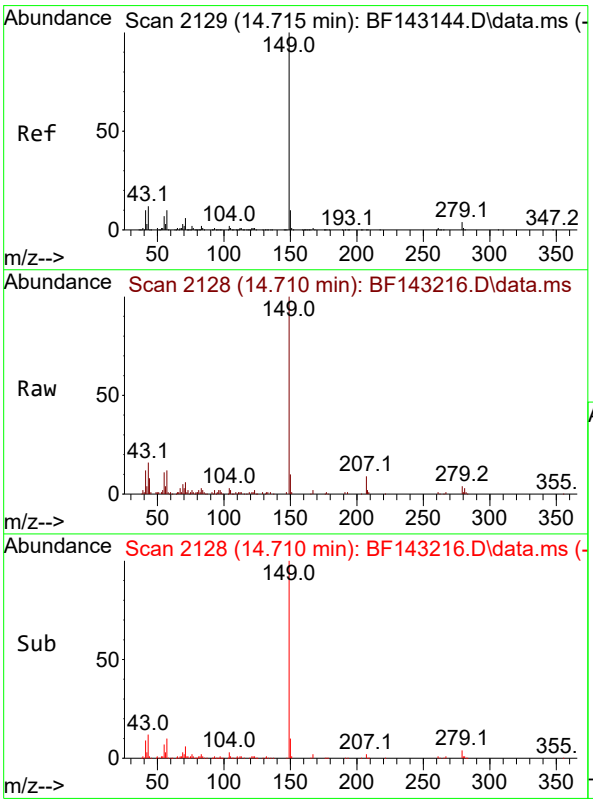
#84
Bis(2-ethylhexyl)phthalate
Concen: 11.884 ng
RT: 14.098 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143216.D
Acq: 23 Jul 2025 17:28

Instrument :
BNA_F
ClientSampleId :
RW5B-CARBON-20250716

Tgt Ion:149 Resp: 123557

Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.3	33.5
279	4.6	3.6	5.4

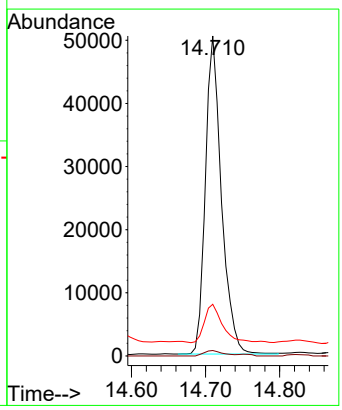


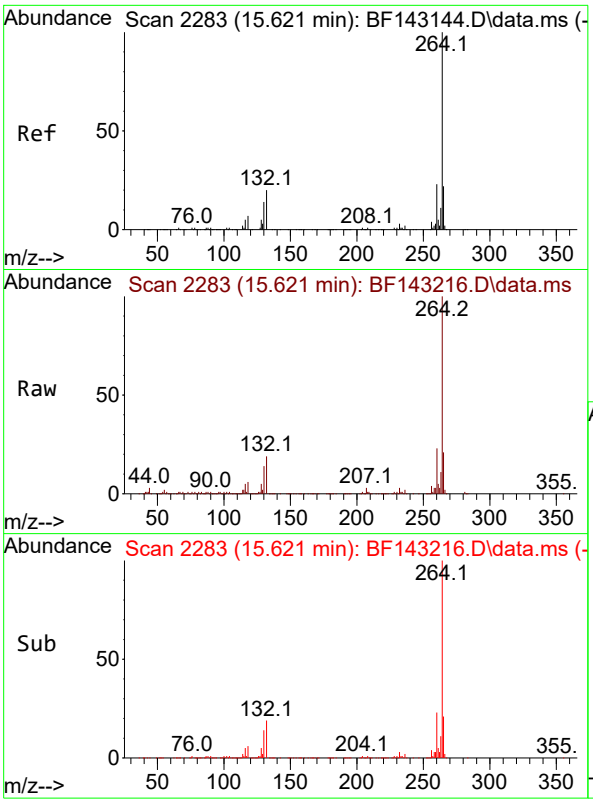


#85
Di-n-octyl phthalate
Concen: 4.023 ng
RT: 14.710 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BF143216.D
Acq: 23 Jul 2025 17:28

Tgt Ion:149 Resp: 75818

Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.1	1.7#
43	13.7	9.7	14.5



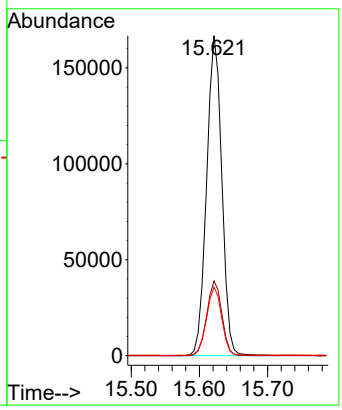


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143216.D
Acq: 23 Jul 2025 17:28

Instrument :
BNA_F
ClientSampleId :
RW5B-CARBON-20250716

Tgt Ion:264 Resp: 258643

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	21.4	17.4	26.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143216.D
Acq On : 23 Jul 2025 17:28
Operator : RC/JU
Sample : Q2645-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5B-CARBON-20250716

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-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143216.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.316	13	21	27	rBV	661001	1083849	4.46%	2.627%
2	2.387	27	33	42	rBV3	167221	353776	1.46%	0.857%
3	2.740	70	93	99	rBV	6651308	24281595	100.00%	58.853%
4	4.310	353	360	366	rBV	2352800	3749322	15.44%	9.088%
5	5.163	494	505	509	rBV	1247148	2719881	11.20%	6.592%
6	5.846	612	621	626	rBV	866615	1114539	4.59%	2.701%
7	5.922	629	634	644	rVV	255073	342014	1.41%	0.829%
8	6.963	805	811	817	rBV	632505	799959	3.29%	1.939%
9	7.498	890	902	909	rBV2	382675	735612	3.03%	1.783%
10	8.240	1023	1028	1033	rBV	791331	996673	4.10%	2.416%
11	9.310	1205	1210	1215	rBV	321131	401069	1.65%	0.972%
12	9.857	1298	1303	1311	rVB	238120	368743	1.52%	0.894%
13	9.998	1322	1327	1332	rVB	889680	1102080	4.54%	2.671%
14	11.481	1574	1579	1585	rBV	862089	1089738	4.49%	2.641%
15	12.004	1663	1668	1672	rBV	213728	303191	1.25%	0.735%
16	14.116	2019	2027	2036	rBV2	585751	1121601	4.62%	2.719%
17	15.621	2277	2283	2295	rVB	444173	694234	2.86%	1.683%

Sum of corrected areas: 41257876

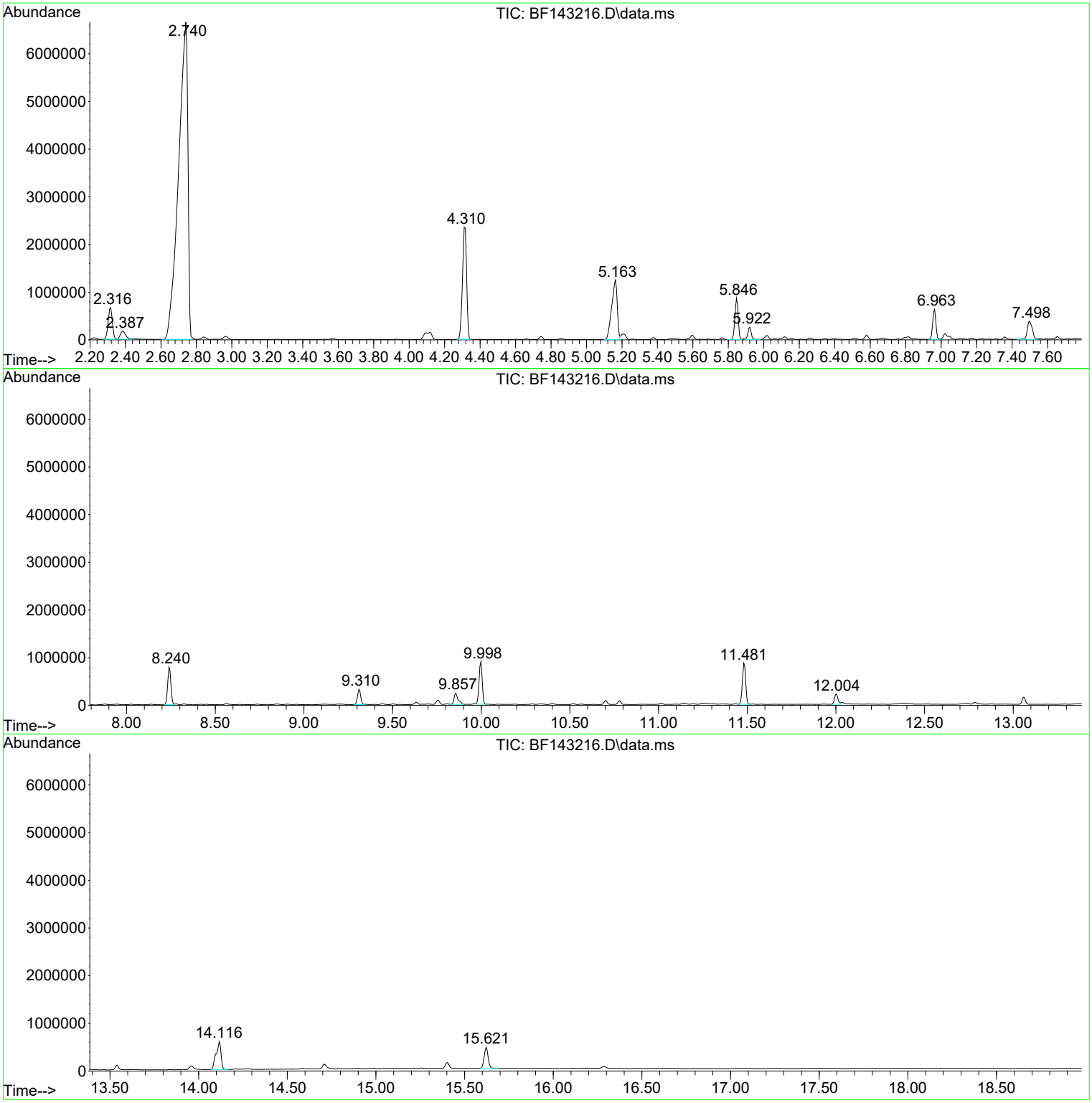
Sample Results: **BF143216.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143216.D
Acq On : 23 Jul 2025 17:28
Operator : RC/JU
Sample : Q2645-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5B-CARBON-20250716

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.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\BF072325\
Data File : BF143216.D
Acq On : 23 Jul 2025 17:28
Operator : RC/JU
Sample : Q2645-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5B-CARBON-20250716

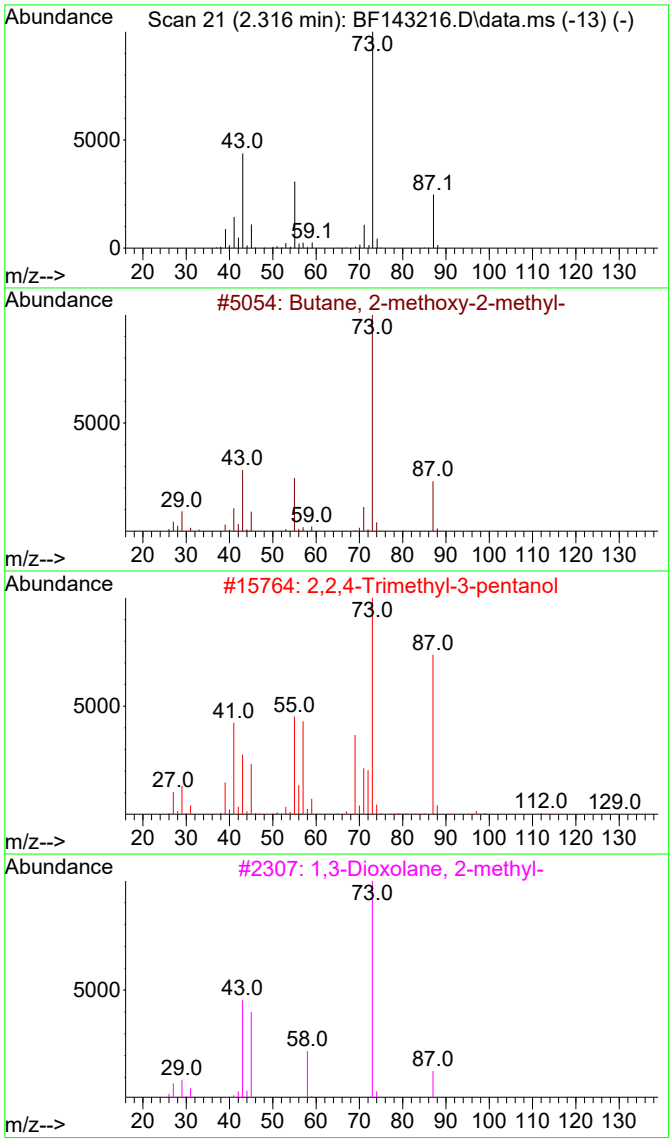
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

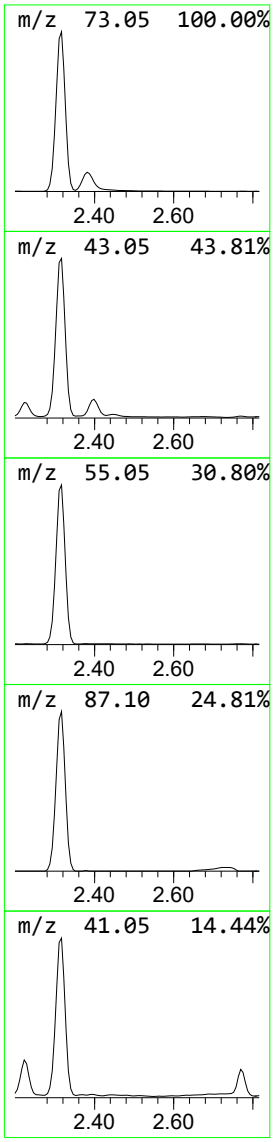
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.316	27.10 ng	1083850	1,4-Dichlorobenzene-d4	6.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143216.D
Acq On : 23 Jul 2025 17:28
Operator : RC/JU
Sample : Q2645-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5B-CARBON-20250716

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

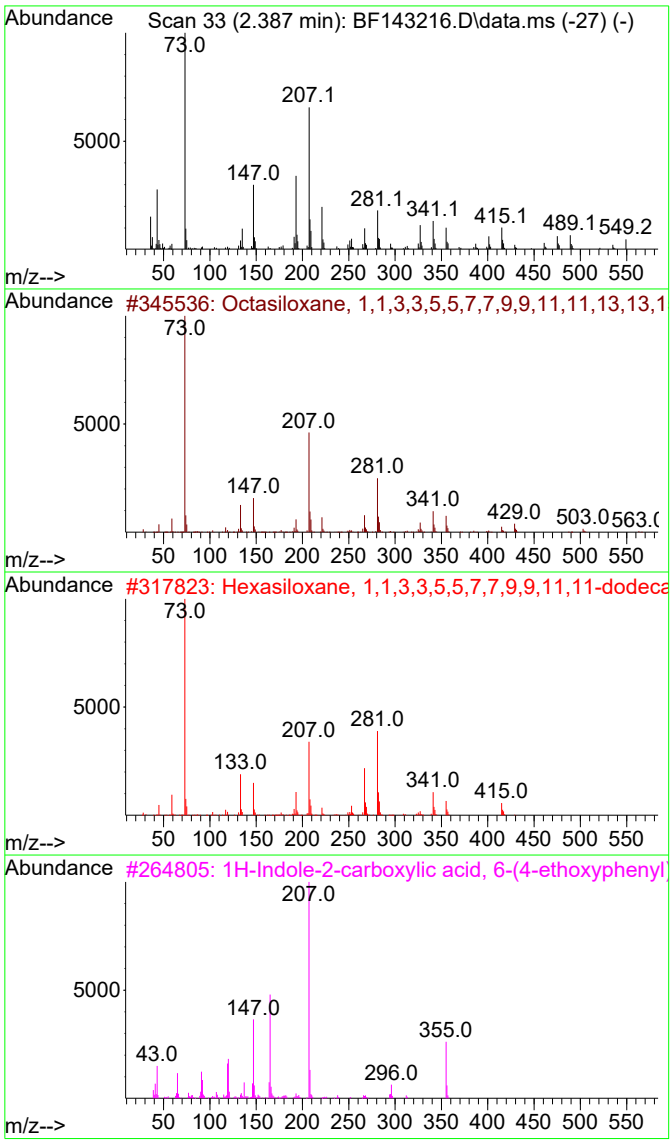
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

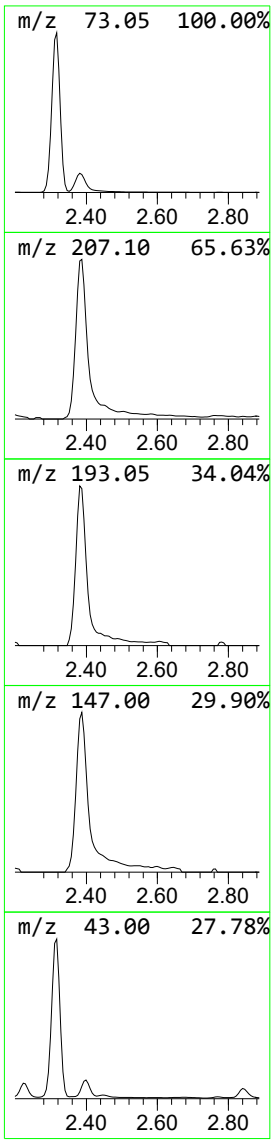
****

Peak Number 2 unknown2.387 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.387	8.84 ng	353776	1,4-Dichlorobenzene-d4	6.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octasiloxane, 1,1,3,3,5,5,7,7,9,...	578	C16H50O7Si8	019095-24-0	43
2	Hexasiloxane, 1,1,3,3,5,5,7,7,9,...	430	C12H38O5Si6	000995-82-4	38
3	1H-Indole-2-carboxylic acid, 6-(...	355	C21H25NO4	1010316-17-5	37
4	4-Nitro-7-(piperazin-1-yl)-2,1,3...	249	C10H11N5O3	139332-66-4	35
5	4-(4-Hydroxyphenyl)-4-methyl-2-p...	264	C15H24O2Si	1000283-54-9	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143216.D
Acq On : 23 Jul 2025 17:28
Operator : RC/JU
Sample : Q2645-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5B-CARBON-20250716

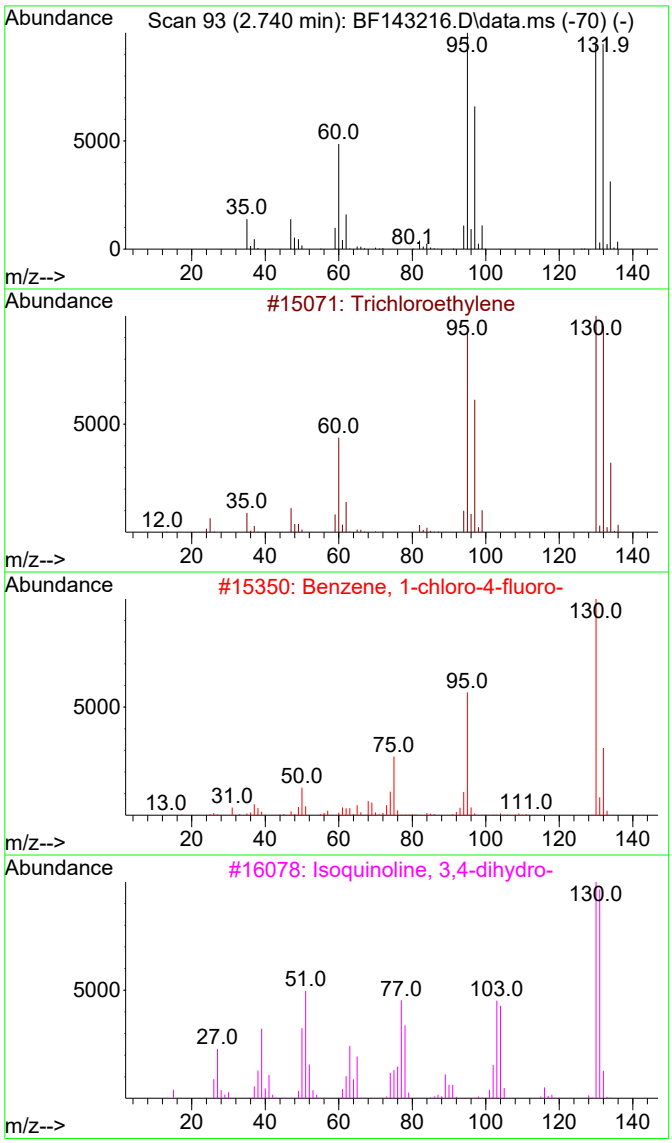
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

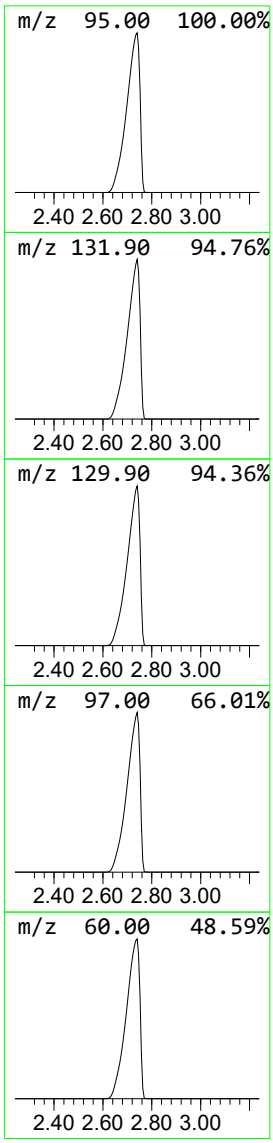
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Trichloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.740	607.07 ng	24281600	1,4-Dichlorobenzene-d4	6.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroethylene	130	C2HCl3	000079-01-6	99
2	Benzene, 1-chloro-4-fluoro-	130	C6H4ClF	000352-33-0	22
3	Isoquinoline, 3,4-dihydro-	131	C9H9N	003230-65-7	12
4	1H-1,2,4-Triazol-3-amine, 5-(met...	130	C3H6N4S	045534-08-5	12
5	Benzene, 1-chloro-3-fluoro-	130	C6H4ClF	000625-98-9	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143216.D
Acq On : 23 Jul 2025 17:28
Operator : RC/JU
Sample : Q2645-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5B-CARBON-20250716

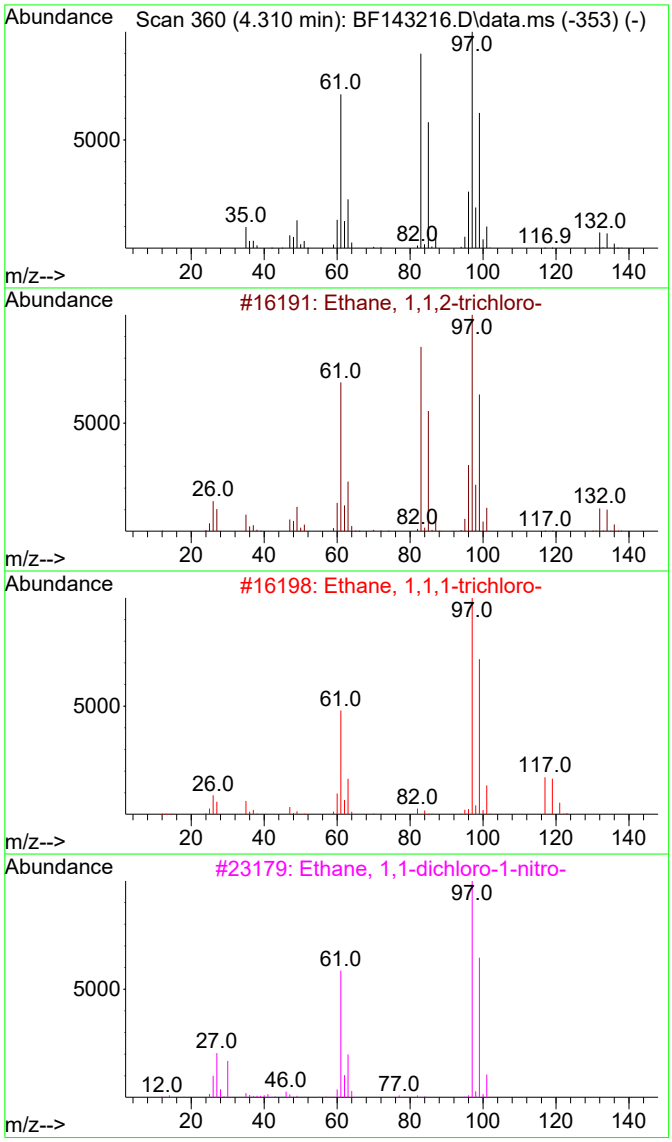
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

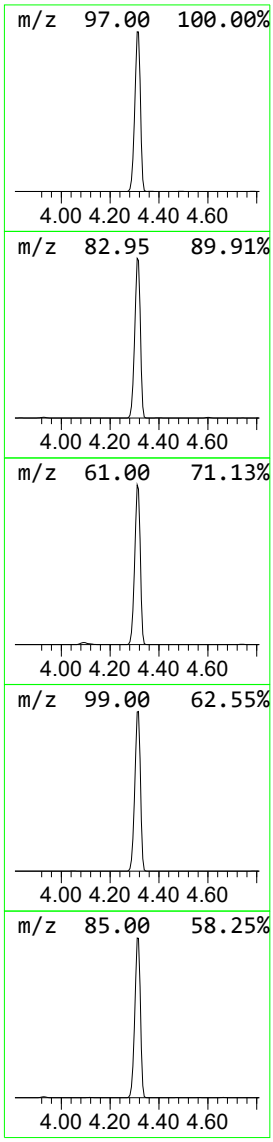
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Ethane, 1,1,2-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.310	93.74 ng	3749320	1,4-Dichlorobenzene-d4	6.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,2-trichloro-	132	C2H3Cl3	000079-00-5	98
2	Ethane, 1,1,1-trichloro-	132	C2H3Cl3	000071-55-6	46
3	Ethane, 1,1-dichloro-1-nitro-	143	C2H3Cl2NO2	000594-72-9	43
4	2,3-Dichloropropionyl chloride	160	C3H3Cl3O	007623-13-4	32
5	Propanoyl chloride, 2,2-dichloro-	160	C3H3Cl3O	026073-26-7	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143216.D
Acq On : 23 Jul 2025 17:28
Operator : RC/JU
Sample : Q2645-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5B-CARBON-20250716

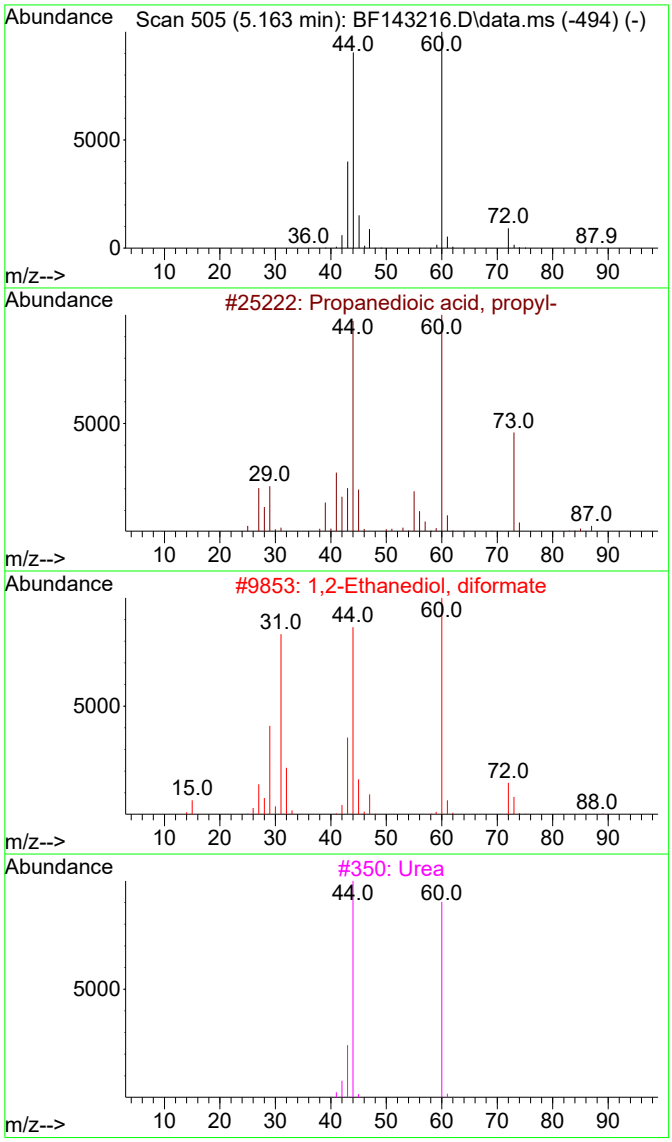
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

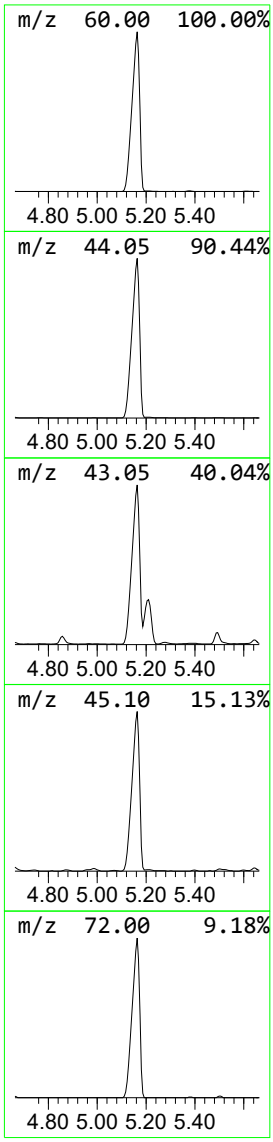
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Propanedioic acid, propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.163	68.00 ng	2719880	1,4-Dichlorobenzene-d4	6.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	72
2	1,2-Ethanediol, diformate	118	C4H6O4	000629-15-2	64
3	Urea	60	CH4N2O	000057-13-6	9
4	Acetic acid, hydroxy[(1-oxo-2-pr...	145	C5H7NO4	006737-24-2	9
5	Ethyne, chloro-	60	C2HCl	000593-63-5	7





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143216.D
Acq On : 23 Jul 2025 17:28
Operator : RC/JU
Sample : Q2645-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5B-CARBON-20250716

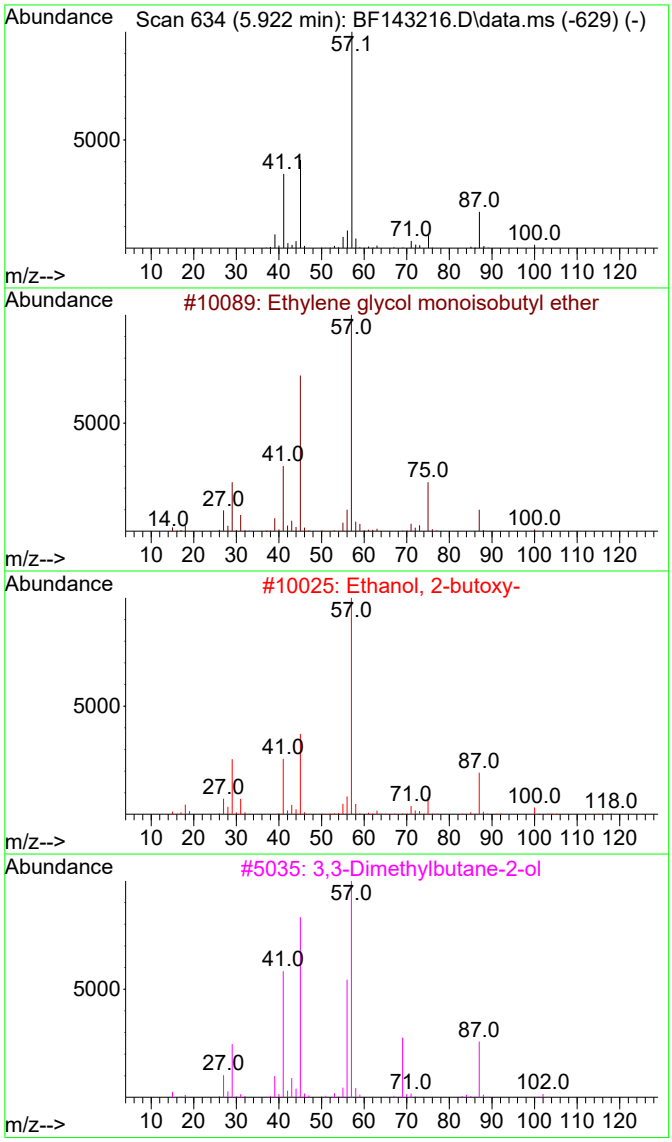
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

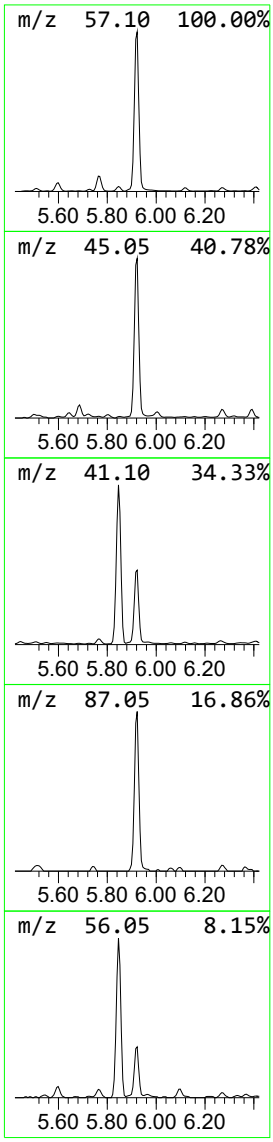
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Ethylene glycol monoisobuty... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.922	8.55 ng	342014	1,4-Dichlorobenzene-d4	6.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
2	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	59
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	45
4	n-Butyl ether	130	C8H18O	000142-96-1	25
5	1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143216.D
Acq On : 23 Jul 2025 17:28
Operator : RC/JU
Sample : Q2645-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5B-CARBON-20250716

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

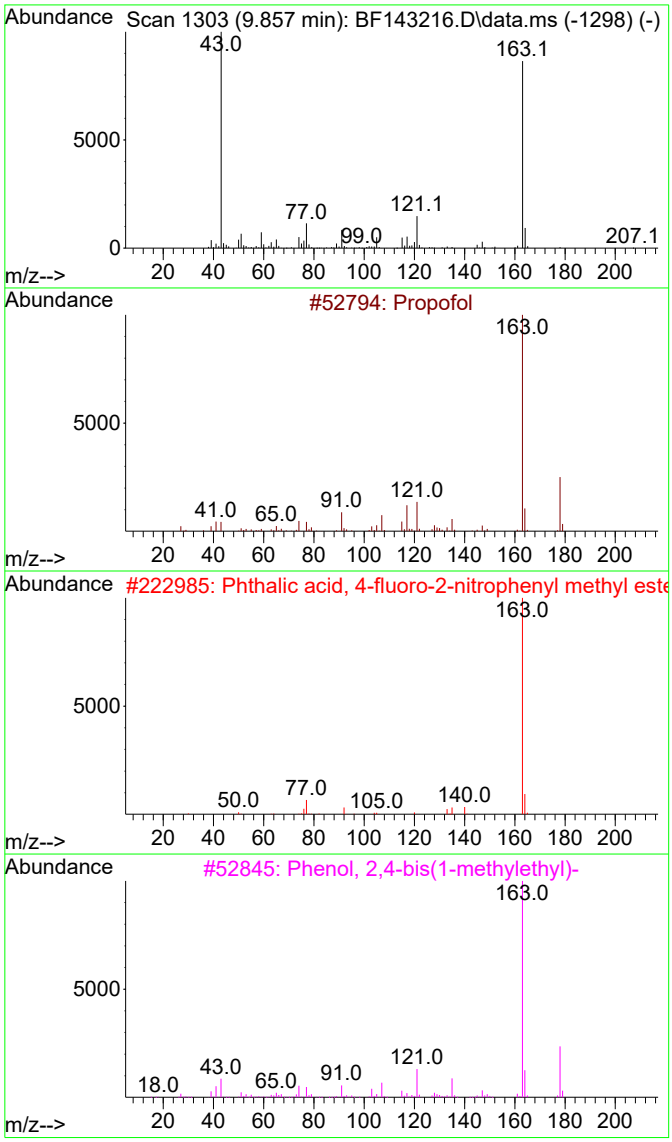
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

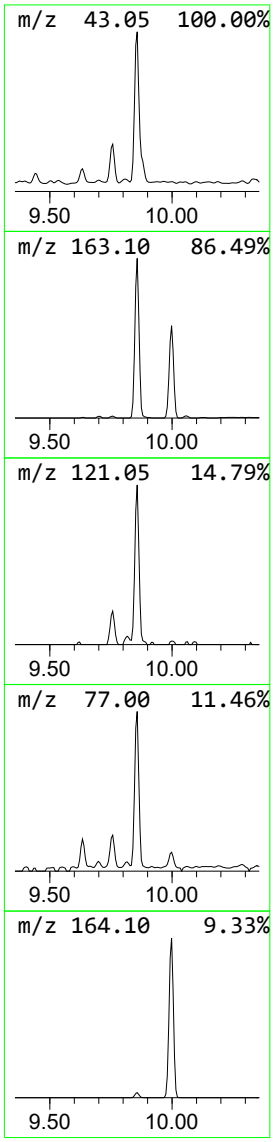
****

Peak Number 8 Propofol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.857	6.69 ng	368743	Acenaphthene-d10	9.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propofol	178	C12H18O	002078-54-8	53
2	Phthalic acid, 4-fluoro-2-nitrop...	319	C15H10FNO6	1000315-63-4	53
3	Phenol, 2,4-bis(1-methylethyl)-	178	C12H18O	002934-05-6	53
4	Butan-2-one, 4-(2-hydroxyphenyl)...	286	C17H18O2S	296891-93-5	50
5	Silane, dodecyltriethoxy-	332	C18H40O3Si	018536-91-9	47





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Data File : BF143216.D
Acq On : 23 Jul 2025 17:28
Operator : RC/JU
Sample : Q2645-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5B-CARBON-20250716

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

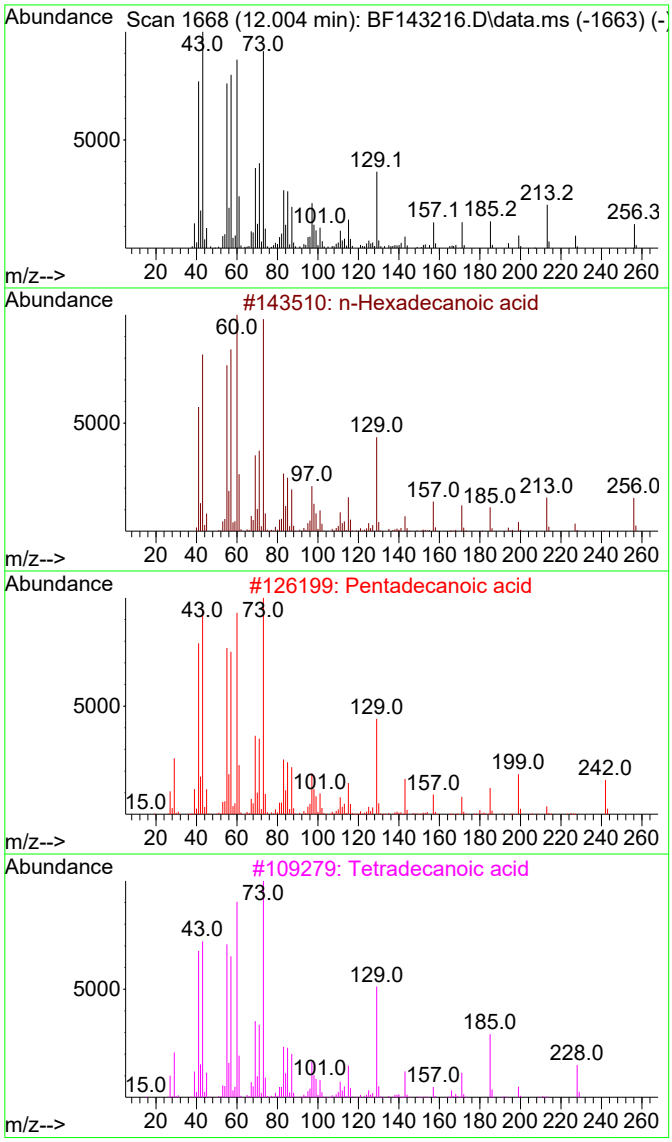
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

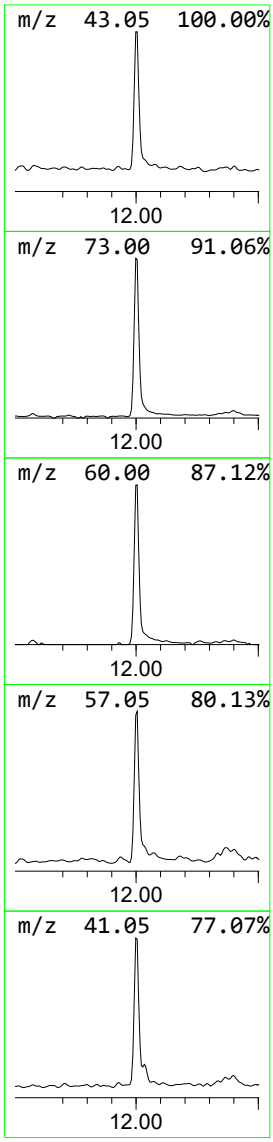
****

Peak Number 9 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	5.56 ng	303191	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Undecanoic acid	186	C11H22O2	000112-37-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143216.D
Acq On : 23 Jul 2025 17:28
Operator : RC/JU
Sample : Q2645-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5B-CARBON-20250716

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.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...	2.316	27.1	ng	1083850	1	6.963	799959	20.0
unknown2.387	2.387	8.8	ng	353776	1	6.963	799959	20.0
Trichloroethylene	2.740	607.1	ng	24281600	1	6.963	799959	20.0
Ethane, 1,1,2-t...	4.310	93.7	ng	3749320	1	6.963	799959	20.0
Propanedioic ac...	5.163	68.0	ng	2719880	1	6.963	799959	20.0
Ethylene glycol...	5.922	8.6	ng	342014	1	6.963	799959	20.0
Propofol	9.857	6.7	ng	368743	3	9.998	1102080	20.0
n-Hexadecanoic ...	12.004	5.6	ng	303191	4	11.480	1089740	20.0

CALIBRATION SUMMARY

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 17 15:14:05 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF143140.D 5 =BF143141.D 10 =BF143142.D 20 =BF143143.D 40 =BF143144.D 50 =BF143145.D 60 =BF143146.D 80 =BF1431
47.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.622	0.582	0.614	0.600	0.625	0.584	0.558	0.598	4.09
3)		Pyridine		1.631	1.557	1.551	1.530	1.618	1.525	1.452	1.552	3.88
4)		n-Nitrosodimet...			0.776	0.799	0.810	0.851	0.804	0.768	0.801	3.66
5)	S	2-Fluorophenol		1.385	1.313	1.319	1.231	1.284	1.194	1.121	1.264	7.00
6)		Aniline		2.334	2.259	2.273	2.204	2.292	2.139	2.018	2.217	4.86
7)	S	Phenol-d6		1.733	1.640	1.657	1.554	1.632	1.506	1.413	1.591	6.72
8)		2-Chlorophenol		1.391	1.343	1.371	1.310	1.369	1.284	1.205	1.325	4.87
9)		Benzaldehyde			1.167	1.163	1.443	1.411	1.122	0.851	1.193	18.13
10)	C	Phenol		1.882	1.767	1.776	1.711	1.788	1.675	1.531	1.733	6.37
11)		bis(2-Chloroet...		1.419	1.343	1.379	1.303	1.361	1.281	1.203	1.327	5.40
12)		1,3-Dichlorobe...		1.572	1.513	1.494	1.401	1.466	1.362	1.266	1.439	7.18
13)	C	1,4-Dichlorobe...		1.602	1.518	1.502	1.418	1.473	1.357	1.275	1.449	7.52
14)		1,2-Dichlorobe...		1.509	1.413	1.445	1.343	1.413	1.303	1.223	1.378	6.96
15)		Benzyl Alcohol			1.214	1.246	1.215	1.278	1.193	1.141	1.215	3.85
16)		2,2'-oxybis(1-...		2.670	2.553	2.545	2.421	2.517	2.343	2.182	2.461	6.55
17)		2-Methylphenol		1.178	1.111	1.141	1.097	1.160	1.084	1.026	1.114	4.61
18)		Hexachloroethane		0.522	0.498	0.522	0.495	0.525	0.491	0.460	0.502	4.68
19)	P	n-Nitroso-di-n...	1.101	1.111	1.051	1.028	0.986	1.023	0.953	0.912	1.021	6.76
20)		3+4-Methylphenols			1.467	1.469	1.341	1.402	1.268	1.162	1.351	8.95
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.527	0.504	0.501	0.455	0.476	0.442	0.409	0.474	8.65
23)	S	Nitrobenzene-d5		0.407	0.394	0.417	0.399	0.417	0.397	0.378	0.401	3.47
24)		Nitrobenzene		0.380	0.370	0.388	0.375	0.388	0.373	0.345	0.374	3.88
25)		Isophorone		0.748	0.707	0.711	0.692	0.734	0.699	0.667	0.708	3.75
26)	C	2-Nitrophenol		0.133	0.141	0.164	0.172	0.182	0.177	0.168	0.162	11.25
27)		2,4-Dimethylph...		0.356	0.340	0.341	0.324	0.338	0.319	0.298	0.331	5.70
28)		bis(2-Chloroet...		0.463	0.437	0.442	0.413	0.430	0.405	0.383	0.425	6.28
29)	C	2,4-Dichloroph...		0.292	0.282	0.287	0.276	0.289	0.271	0.256	0.279	4.44
30)		1,2,4-Trichlor...		0.329	0.307	0.318	0.294	0.303	0.290	0.270	0.302	6.43
31)		Naphthalene		1.118	1.038	1.032	0.954	0.986	0.916	0.851	0.985	8.91
32)		Benzoic acid			0.104	0.149	0.180	0.197	0.187	0.194	0.169	21.36
33)		4-Chloroaniline		0.437	0.417	0.419	0.390	0.408	0.383	0.361	0.402	6.33
34)	C	Hexachlorobuta...		0.193	0.190	0.191	0.181	0.188	0.179	0.169	0.184	4.59
35)		Caprolactam			0.078	0.084	0.087	0.091	0.085	0.082	0.084	5.35
36)	C	4-Chloro-3-met...		0.319	0.310	0.307	0.301	0.311	0.294	0.282	0.303	4.04
37)		2-Methylnaphth...		0.667	0.634	0.628	0.580	0.603	0.561	0.522	0.599	8.17
38)		1-Methylnaphth...		0.682	0.652	0.650	0.599	0.621	0.579	0.537	0.617	8.05

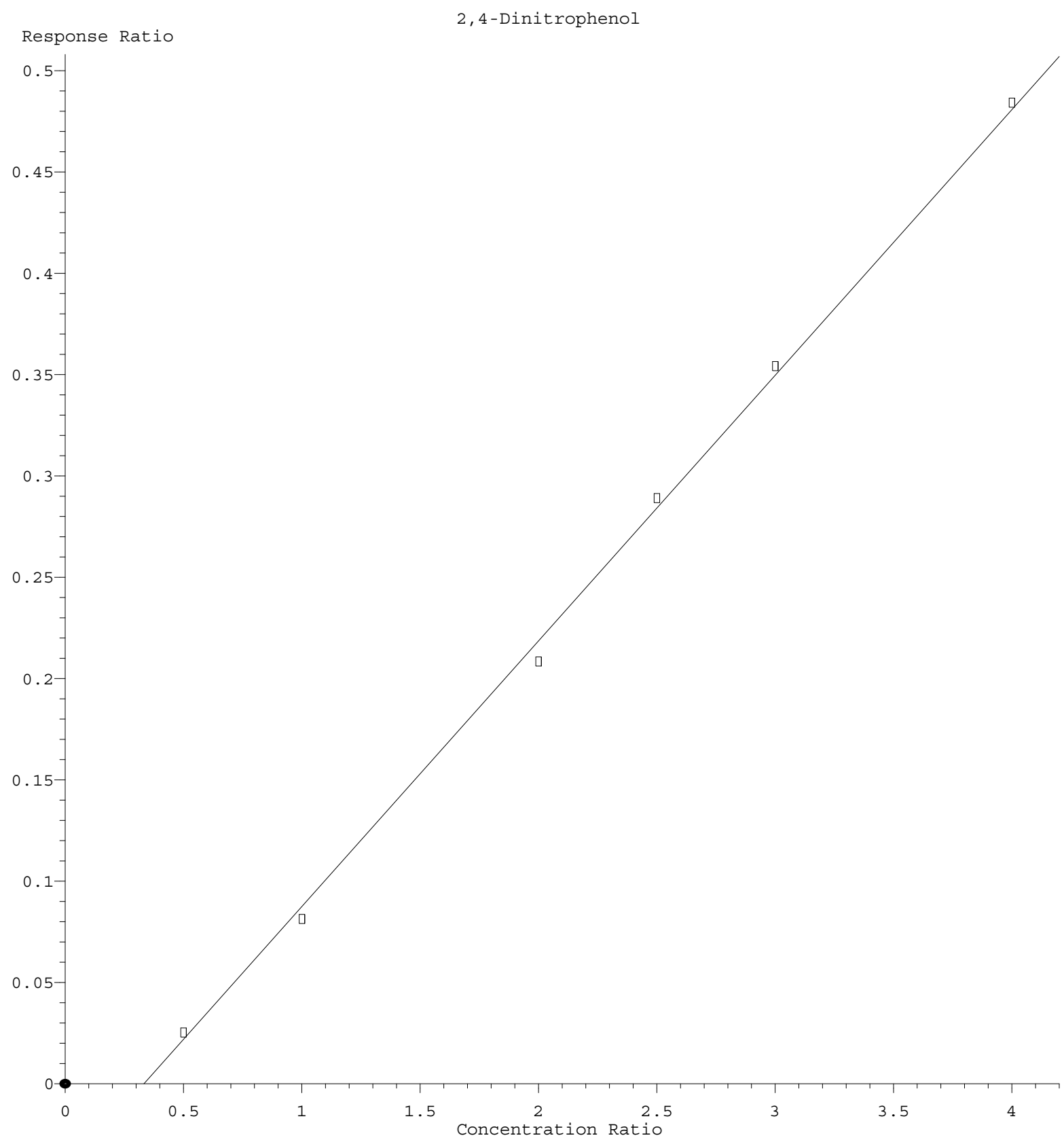
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF071725.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.638	0.598	0.601	0.550	0.582	0.558	0.515	0.577	6.93
41)	P	Hexachlorocycl...		0.337	0.373	0.373	0.404	0.393	0.374	0.376	6.14
42)	S	2,4,6-Tribromo...	0.200	0.202	0.212	0.210	0.218	0.206	0.198	0.207	3.55
43)	C	2,4,6-Trichlor...	0.391	0.406	0.412	0.384	0.429	0.401	0.374	0.400	4.63
44)		2,4,5-Trichlor...	0.404	0.387	0.411	0.405	0.411	0.395	0.384	0.400	2.76
45)	S	2-Fluorobiphenyl	1.761	1.644	1.547	1.358	1.414	1.323	1.190	1.462	13.58
46)		1,1'-Biphenyl	1.748	1.667	1.640	1.489	1.553	1.472	1.353	1.560	8.62
47)		2-Chloronaphth...	1.268	1.223	1.192	1.103	1.166	1.104	1.026	1.155	7.14
48)		2-Nitroaniline	0.305	0.333	0.372	0.377	0.396	0.386	0.366	0.362	8.85
49)		Acenaphthylene	2.134	2.052	2.011	1.860	1.958	1.834	1.694	1.935	7.71
50)		Dimethylphthalate	1.422	1.340	1.340	1.279	1.325	1.251	1.169	1.304	6.16
51)		2,6-Dinitrotol...	0.225	0.250	0.272	0.278	0.289	0.277	0.266	0.265	8.14
52)	C	Acenaphthene	1.278	1.194	1.184	1.096	1.155	1.083	1.016	1.144	7.53
53)		3-Nitroaniline	0.285	0.300	0.315	0.317	0.334	0.318	0.303	0.310	5.13
54)	P	2,4-Dinitrophenol		0.051	0.081	0.104	0.116	0.118	0.121	0.098	28.02
55)		Dibenzofuran	1.929	1.807	1.766	1.633	1.698	1.587	1.465	1.698	9.02
56)	P	4-Nitrophenol		0.200	0.228	0.246	0.250	0.237	0.229	0.232	7.70
57)		2,4-Dinitrotol...	0.269	0.296	0.342	0.354	0.372	0.354	0.341	0.333	11.03
58)		Fluorene	1.480	1.402	1.322	1.212	1.257	1.161	1.086	1.274	10.79
59)		2,3,4,6-Tetrac...	0.321	0.331	0.345	0.333	0.351	0.329	0.309	0.331	4.30
60)		Diethylphthalate	1.377	1.322	1.335	1.269	1.329	1.231	1.158	1.289	5.81
61)		4-Chlorophenyl...	0.710	0.670	0.657	0.612	0.633	0.601	0.558	0.635	7.86
62)		4-Nitroaniline	0.236	0.255	0.266	0.280	0.289	0.270	0.265	0.266	6.44
63)		Azobenzene	1.452	1.401	1.389	1.320	1.364	1.278	1.196	1.343	6.38
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.054	0.087	0.097	0.110	0.109	0.109	0.094	22.88
66)	c	n-Nitrosodiphe...	0.761	0.728	0.721	0.674	0.726	0.685	0.634	0.704	6.03
67)		4-Bromophenyl-...	0.252	0.238	0.241	0.228	0.247	0.239	0.223	0.238	4.26
68)		Hexachlorobenzene	0.269	0.248	0.252	0.239	0.258	0.245	0.233	0.249	4.80
69)		Atrazine	0.184	0.187	0.198	0.196	0.208	0.197	0.189	0.194	4.32
70)	C	Pentachlorophenol		0.119	0.146	0.148	0.160	0.155	0.150	0.147	9.70
71)		Phenanthrene	1.191	1.100	1.117	1.020	1.069	1.002	0.934	1.062	7.98
72)		Anthracene	1.184	1.136	1.134	1.038	1.095	1.038	0.956	1.083	7.13
73)		Carbazole	1.042	0.969	0.982	0.929	0.963	0.899	0.836	0.946	6.93
74)		Di-n-butylphth...	1.076	1.054	1.129	1.074	1.119	1.048	0.990	1.070	4.36
75)	C	Fluoranthene	1.085	0.987	1.018	0.953	0.979	0.928	0.873	0.975	6.91
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.758	0.844	0.953	0.697	0.601		0.771	17.53
78)		Pyrene	1.909	1.783	1.783	1.715	1.740	1.523	1.494	1.707	8.72
79)	S	Terphenyl-d14	1.567	1.456	1.419	1.311	1.342	1.191	1.122	1.344	11.43
80)		Butylbenzylpht...	0.438	0.472	0.536	0.544	0.582	0.556	0.532	0.523	9.61
81)		Benzo(a)anthra...	1.374	1.367	1.381	1.282	1.422	1.313	1.235	1.339	4.86
82)		3,3'-Dichlorob...		0.437	0.495	0.429	0.476	0.440	0.401	0.446	7.58
83)		Chrysene	1.282	1.174	1.247	1.206	1.218	1.173	1.127	1.204	4.29
84)		Bis(2-ethylhex...	0.691	0.755	0.824	0.789	0.862	0.826	0.789	0.791	7.03
85)	c	Di-n-octyl pht...		1.274	1.428	1.384	1.550	1.508	1.461	1.434	6.83

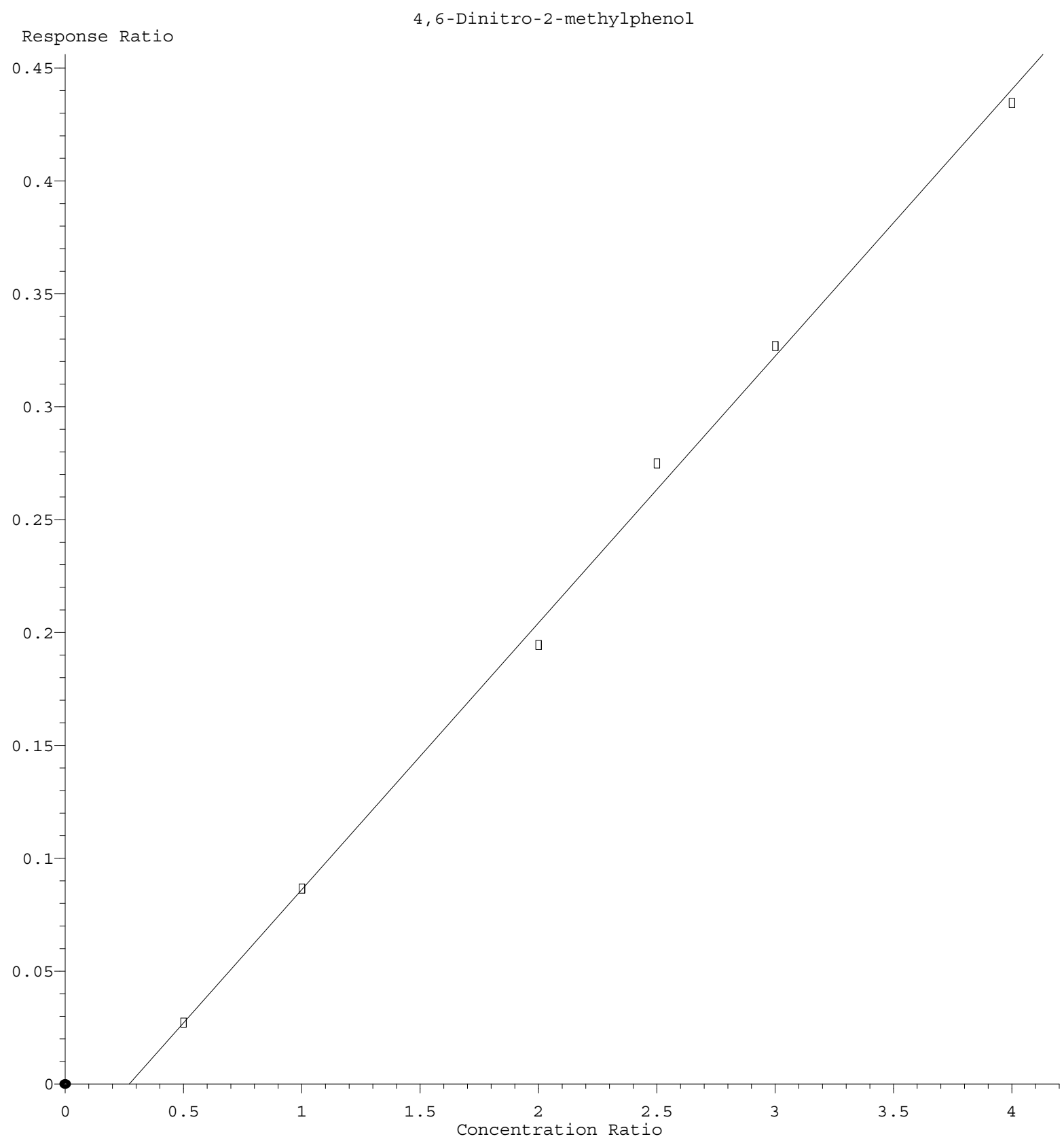
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF071725.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.424	1.336	1.430	1.413	1.505	1.411	1.352	1.410	3.92
88)		Benzo(b)fluora...	1.231	1.136	1.287	1.147	1.352	1.188	1.212	1.222	6.30
89)		Benzo(k)fluora...	1.168	1.152	1.093	1.134	1.069	1.080	0.937	1.090	7.10
90)	C	Benzo(a)pyrene	1.129	1.102	1.147	1.121	1.192	1.121	1.070	1.126	3.35
91)		Dibenzo(a,h)an...	1.159	1.103	1.179	1.147	1.221	1.140	1.087	1.148	3.92
92)		Benzo(g,h,i)pe...	1.100	1.047	1.140	1.109	1.196	1.113	1.067	1.110	4.37

(#) = Out of Range



Response = 1.311e-001 * Amt - 4.369e-002
Coef of Det (r^2) = 0.998465 Curve Fit: wlr(1/a)
Method: C:\HPCHEM\1\DATA\Q2645SVOC-TCL_BNA_20\HPCHEM1\BNA F\Methods\8270-BF071725.M
Calibration Table Last Updated: Thu Jul 17 15:14:05 2025



Response = 1.182e-001 * Amt - 3.198e-002
Coef of Det (r^2) = 0.998318 Curve Fit: wlr(1/a)
Method: Q2645-SVOC-TCL BNA-20 V:\HPCHEM1\BNA F\Methods\8270-BF071725.M
Calibration Table Last Updated: Thu Jul 17 15:14:05 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143140.D
Acq On : 17 Jul 2025 11:04
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Jul 17 15:00:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

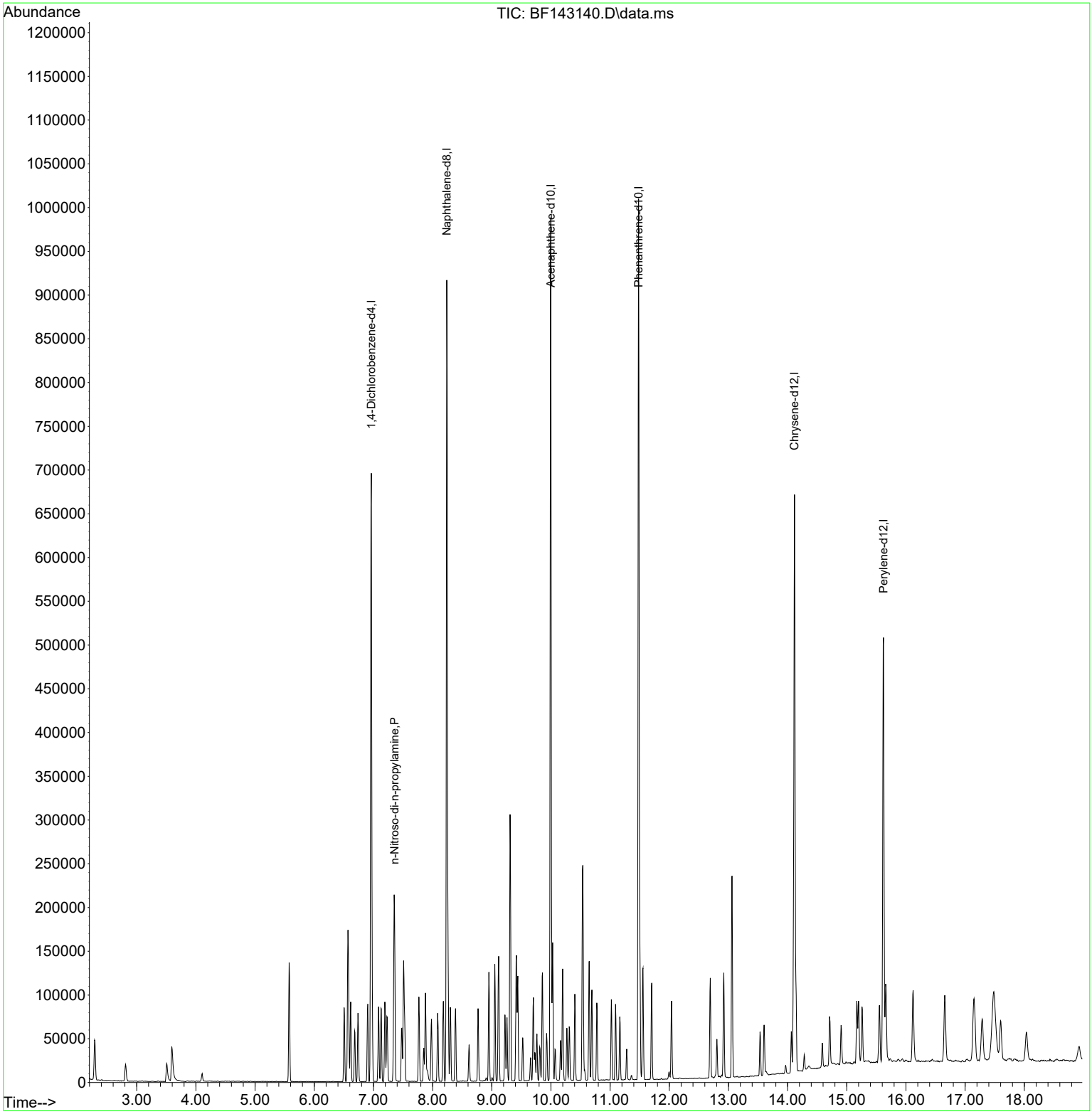
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	139766	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	547280	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	293149	20.000	ng	0.00
64) Phenanthrene-d10	11.481	188	492765	20.000	ng	0.00
76) Chrysene-d12	14.116	240	283469	20.000	ng	0.00
86) Perylene-d12	15.621	264	284847	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...	7.357	70	19227	2.696	ng	96

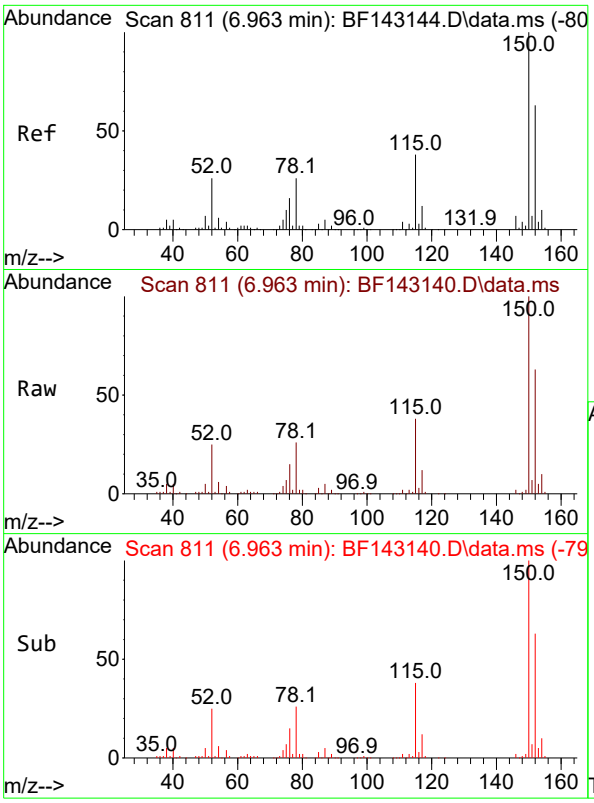
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143140.D
Acq On : 17 Jul 2025 11:04
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Jul 17 15:00:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration



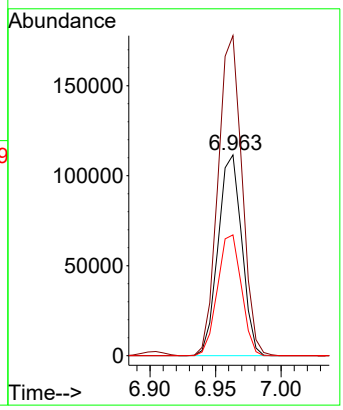


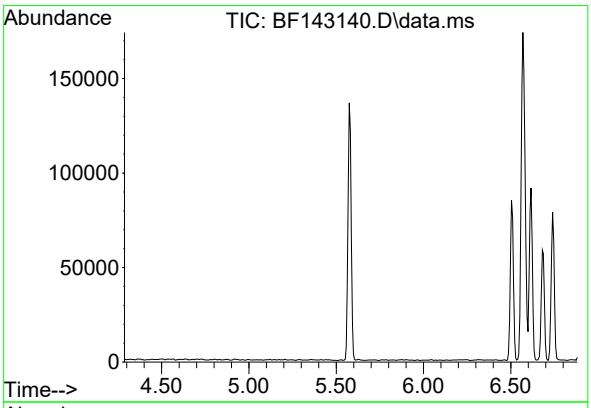
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 139766

Ion	Ratio	Lower	Upper
152	100		
150	159.4	128.2	192.4
115	60.2	47.9	71.9



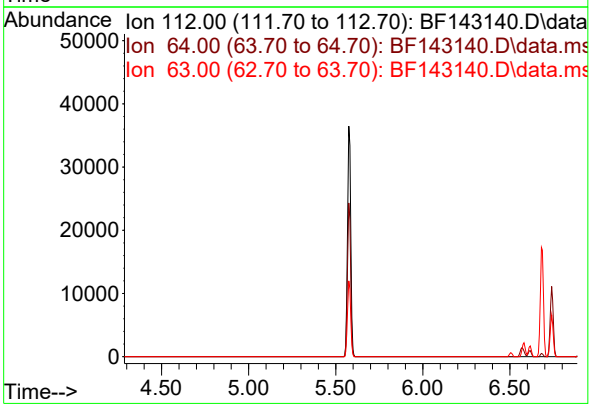


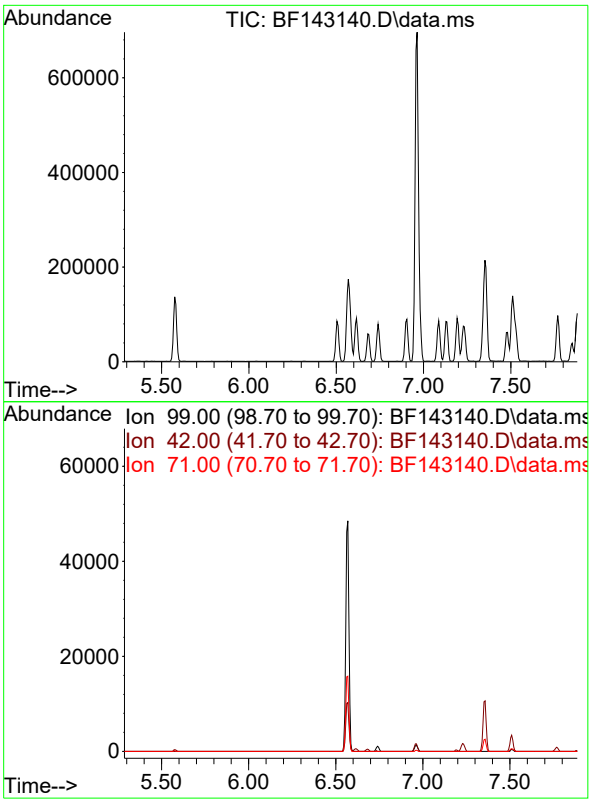
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.59 min

Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	66.4
63	33.3





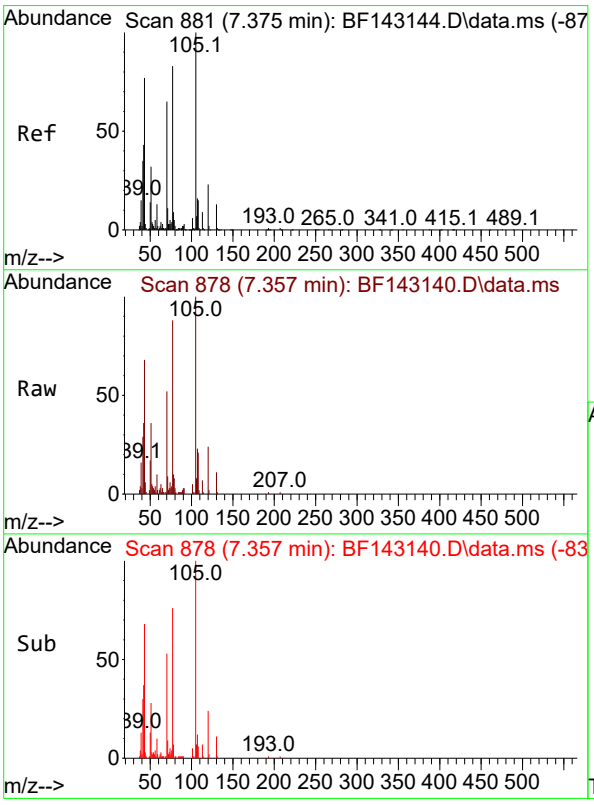
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.59 min

Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

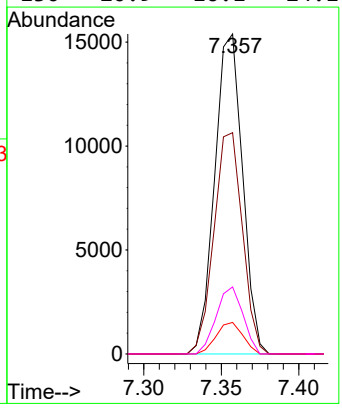
Sig	Exp Ratio
99	100
42	21.3
71	34.6

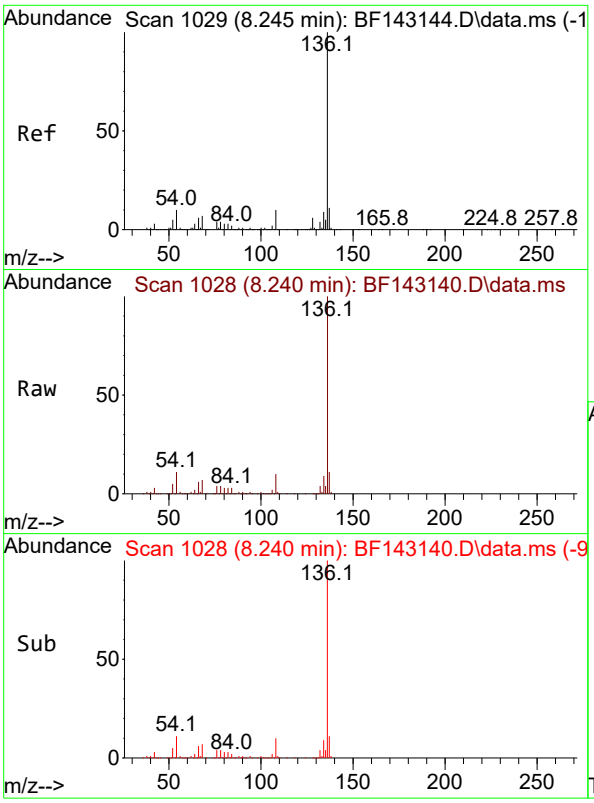


#19
n-Nitroso-di-n-propylamine
Concen: 2.696 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.017 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Tgt Ion: 70 Resp: 19227

Ion	Ratio	Lower	Upper
70	100		
42	69.2	52.5	78.7
101	9.9	7.6	11.4
130	20.9	16.1	24.1



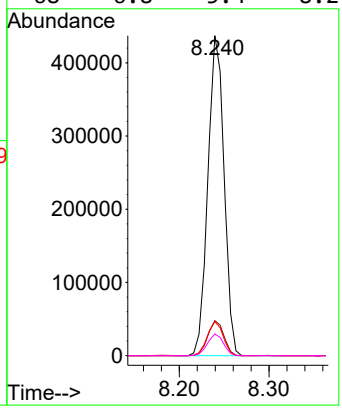


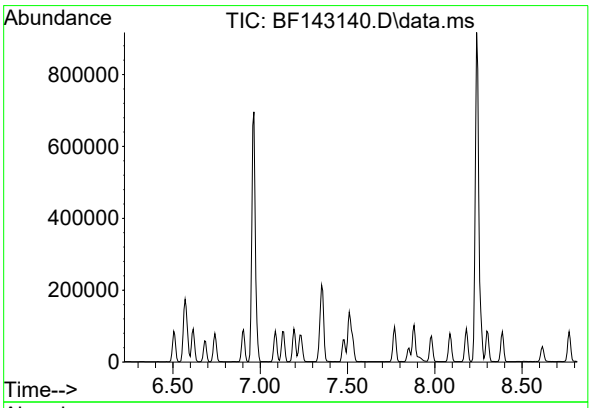
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 547280

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.6	8.2	12.2
68	6.8	5.4	8.2



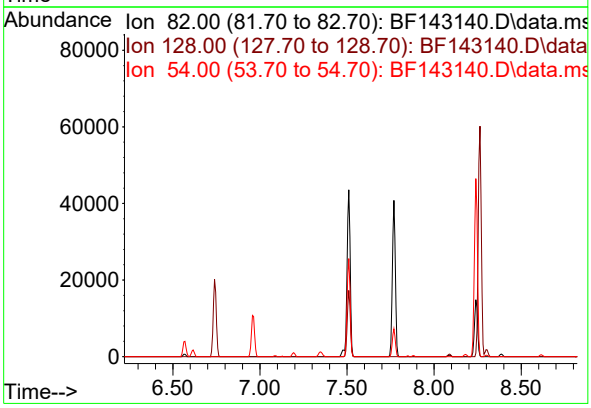


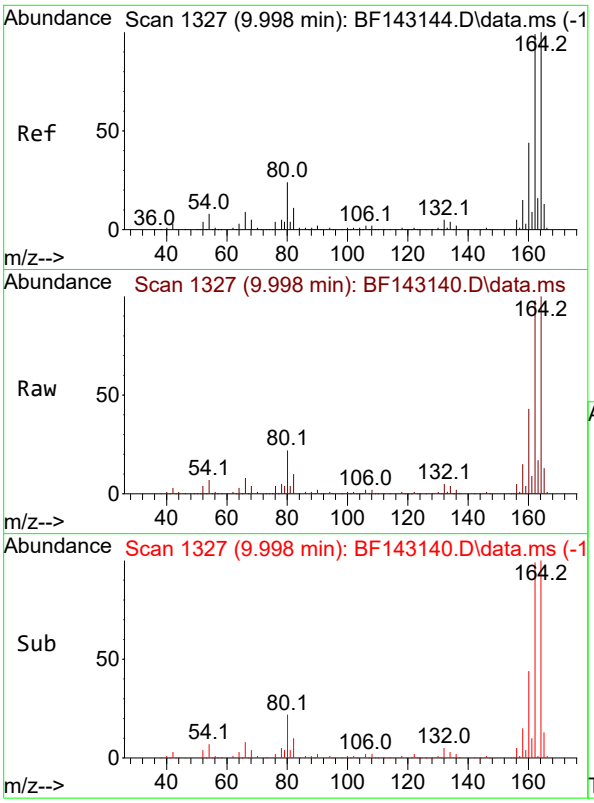
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.52 min

Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	42.0
54	58.9



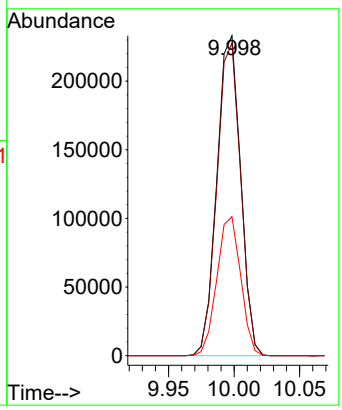


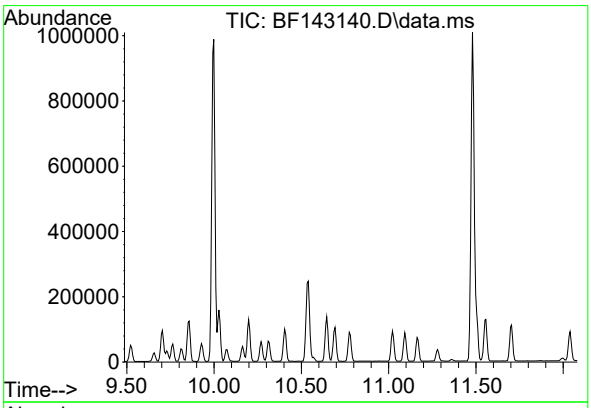
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 293149

Ion	Ratio	Lower	Upper
164	100		
162	97.7	79.0	118.6
160	43.5	35.1	52.7



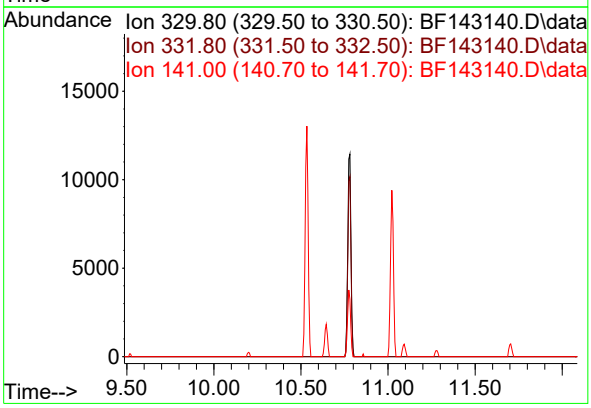


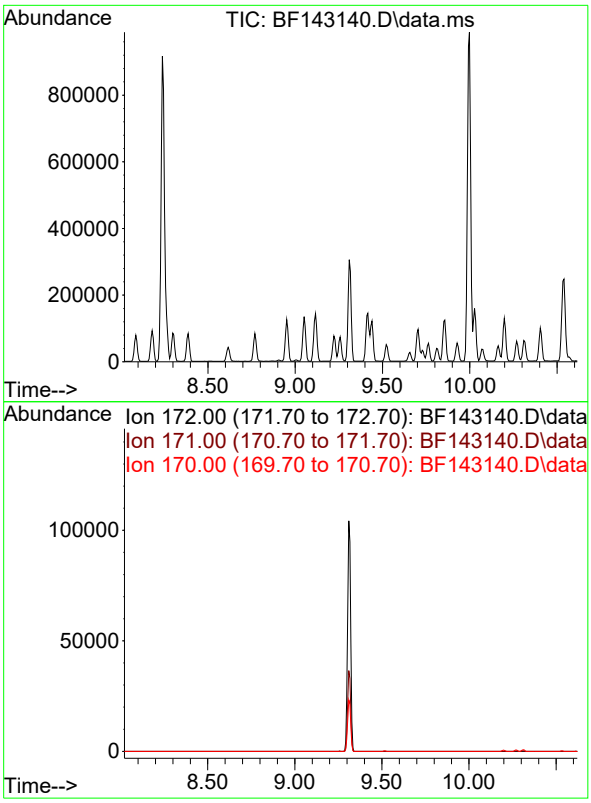
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.79 min

Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	95.9
141	29.1





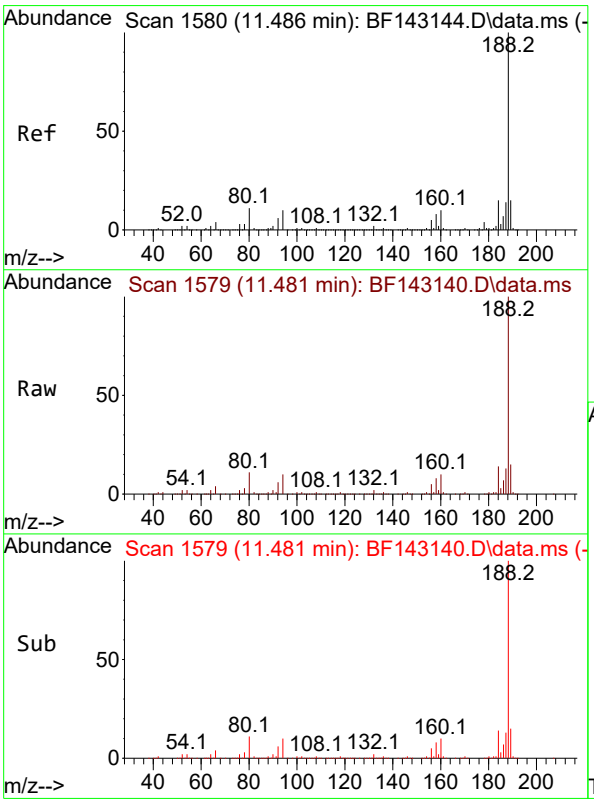
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.32 min

Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

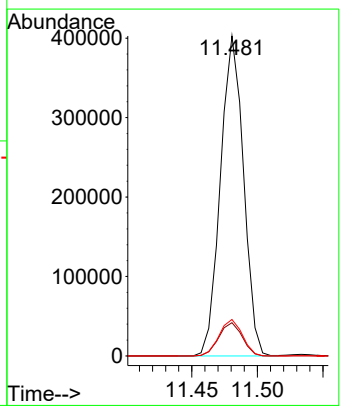
Sig	Exp Ratio
172	100
171	35.7
170	23.5

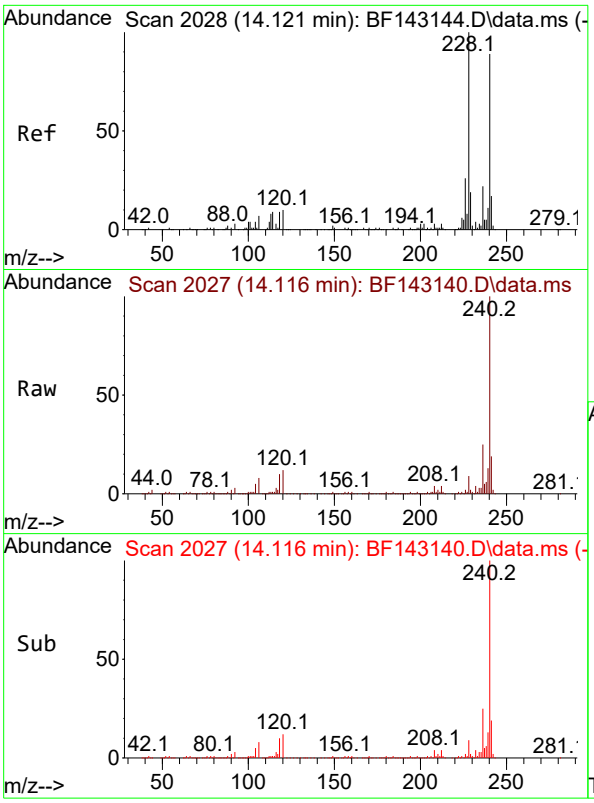


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.481 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Tgt Ion:188 Resp: 492765

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.3	12.5
80	11.4	9.0	13.6



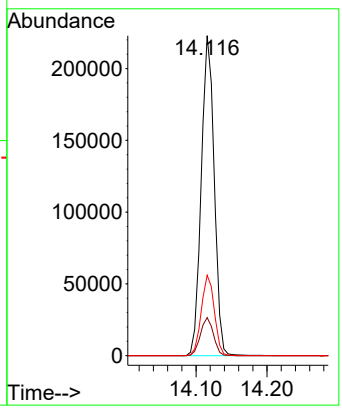


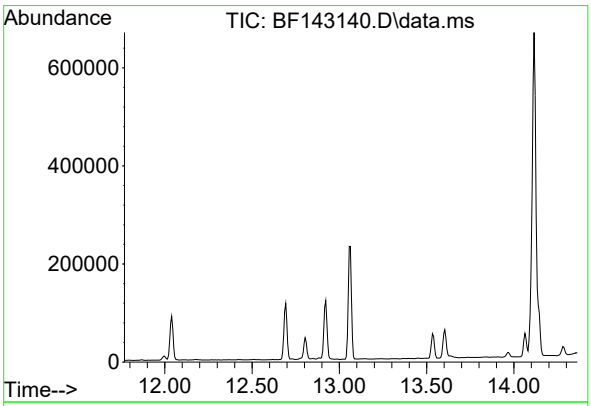
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 283469

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.4	14.2
236	25.1	20.2	30.4



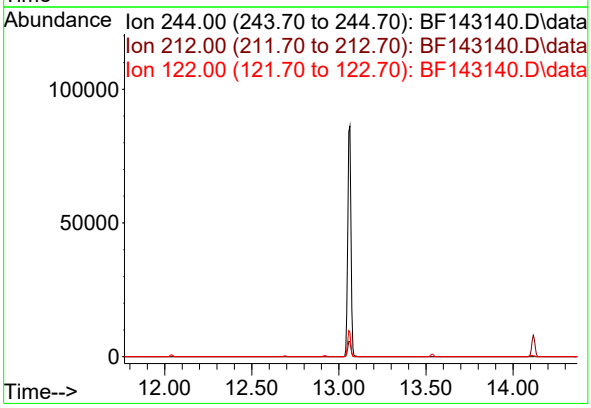


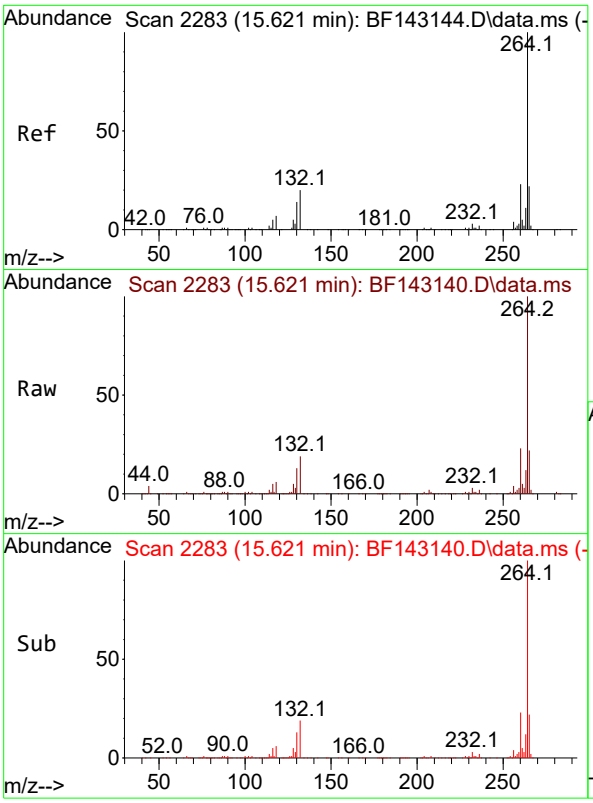
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.07 min

Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	6.5
122	10.2



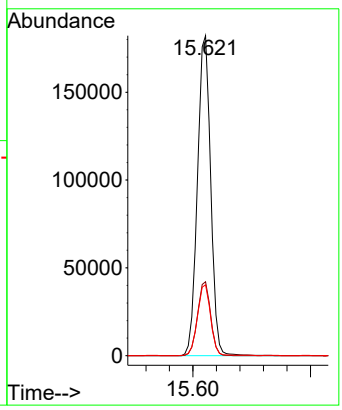


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 284847

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	22.1	17.4	26.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143141.D
Acq On : 17 Jul 2025 11:34
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 17 15:01:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	129942	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	504796	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	263409	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	432329	20.000	ng		0.00
76) Chrysene-d12	14.116	240	253004	20.000	ng		0.00
86) Perylene-d12	15.615	264	255898	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	89958	10.955	ng		0.00
7) Phenol-d6	6.569	99	112575	10.892	ng		-0.02
23) Nitrobenzene-d5	7.510	82	102749m	10.146	ng		-0.01
42) 2,4,6-Tribromophenol	10.780	330	26288	9.661	ng		0.00
45) 2-Fluorobiphenyl	9.310	172	231962	12.043	ng		-0.01
79) Terphenyl-d14	13.063	244	198167	11.656	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.816	88	20208	5.201	ng		97
3) Pyridine	3.587	79	52981	5.254	ng		99
6) Aniline	6.616	93	75811	5.263	ng		99
8) 2-Chlorophenol	6.740	128	45203	5.252	ng		98
10) Phenol	6.581	94	61148	5.431	ng		99
11) bis(2-Chloroethyl)ether	6.687	93	46083	5.345	ng		98
12) 1,3-Dichlorobenzene	6.904	146	51056	5.460	ng		98
13) 1,4-Dichlorobenzene	6.981	146	52031	5.526	ng		100
14) 1,2-Dichlorobenzene	7.134	146	49028	5.474	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.234	45	86727	5.423	ng		100
17) 2-Methylphenol	7.192	107	38278	5.289	ng		97
18) Hexachloroethane	7.481	117	16944	5.198	ng		97
19) n-Nitroso-di-n-propyla...	7.357	70	36103	5.445	ng		98
22) Acetophenone	7.357	105	66559	5.569	ng	#	98
24) Nitrobenzene	7.528	77	47902	5.074	ng		96
25) Isophorone	7.769	82	94372	5.279	ng		99
26) 2-Nitrophenol	7.851	139	16827	4.107	ng		98
27) 2,4-Dimethylphenol	7.881	122	44954	5.382	ng		100
28) bis(2-Chloroethoxy)met...	7.981	93	58465	5.455	ng		99
29) 2,4-Dichlorophenol	8.087	162	36884	5.236	ng		97
30) 1,2,4-Trichlorobenzene	8.181	180	41552	5.460	ng		99
31) Naphthalene	8.263	128	141099	5.676	ng		99
33) 4-Chloroaniline	8.304	127	55130	5.431	ng		98
34) Hexachlorobutadiene	8.386	225	24322	5.232	ng		100
36) 4-Chloro-3-methylphenol	8.769	107	40203	5.251	ng		98
37) 2-Methylnaphthalene	8.951	142	84234	5.568	ng		98
38) 1-Methylnaphthalene	9.051	142	86130	5.529	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	41999	5.523	ng		100
43) 2,4,6-Trichlorophenol	9.222	196	25730	4.889	ng		100
44) 2,4,5-Trichlorophenol	9.257	196	26626	5.057	ng		98
46) 1,1'-Biphenyl	9.416	154	115130	5.602	ng		100
47) 2-Chloronaphthalene	9.439	162	83495	5.491	ng		98
48) 2-Nitroaniline	9.522	65	20076	4.210	ng		95
49) Acenaphthylene	9.857	152	140525	5.514	ng		98
50) Dimethylphthalate	9.704	163	93611	5.452	ng		99
51) 2,6-Dinitrotoluene	9.763	165	14787	4.234	ng		90

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143141.D
Acq On : 17 Jul 2025 11:34
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:01:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	10.028	154	84160	5.588	ng		99
53) 3-Nitroaniline	9.928	138	18738	4.587	ng		94
55) Dibenzofuran	10.198	168	127035	5.681	ng		97
57) 2,4-Dinitrotoluene	10.163	165	17709	4.041	ng		92
58) Fluorene	10.539	166	97477	5.808	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.316	232	21108	4.840	ng	#	97
60) Diethylphthalate	10.404	149	90651	5.342	ng		99
61) 4-Chlorophenyl-phenyle...	10.533	204	46747	5.594	ng		98
62) 4-Nitroaniline	10.533	138	15568	4.446	ng		96
63) Azobenzene	10.692	77	95602	5.405	ng		99
66) n-Nitrosodiphenylamine	10.645	169	82281	5.405	ng		100
67) 4-Bromophenyl-phenylether	11.022	248	27259	5.291	ng		97
68) Hexachlorobenzene	11.092	284	29052	5.395	ng		98
69) Atrazine	11.169	200	19865	4.733	ng		99
71) Phenanthrene	11.504	178	128762	5.609	ng		100
72) Anthracene	11.557	178	127938	5.465	ng		98
73) Carbazole	11.704	167	112588	5.507	ng		99
74) Di-n-butylphthalate	12.039	149	116291	5.027	ng		99
75) Fluoranthene	12.692	202	117249	5.565	ng		99
78) Pyrene	12.922	202	120767	5.593	ng		98
80) Butylbenzylphthalate	13.533	149	27699	4.189	ng		97
81) Benzo(a)anthracene	14.104	228	86920	5.131	ng		98
83) Chrysene	14.139	228	81091	5.325	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	43732	4.370	ng		99
87) Indeno(1,2,3-cd)pyrene	17.139	276	91076	5.047	ng		100
88) Benzo(b)fluoranthene	15.174	252	78749	5.037	ng		99
89) Benzo(k)fluoranthene	15.204	252	74738	5.358	ng		98
90) Benzo(a)pyrene	15.551	252	72196	5.012	ng		98
91) Dibenzo(a,h)anthracene	17.162	278	74120	5.047	ng		100
92) Benzo(g,h,i)perylene	17.604	276	70403	4.955	ng		99

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

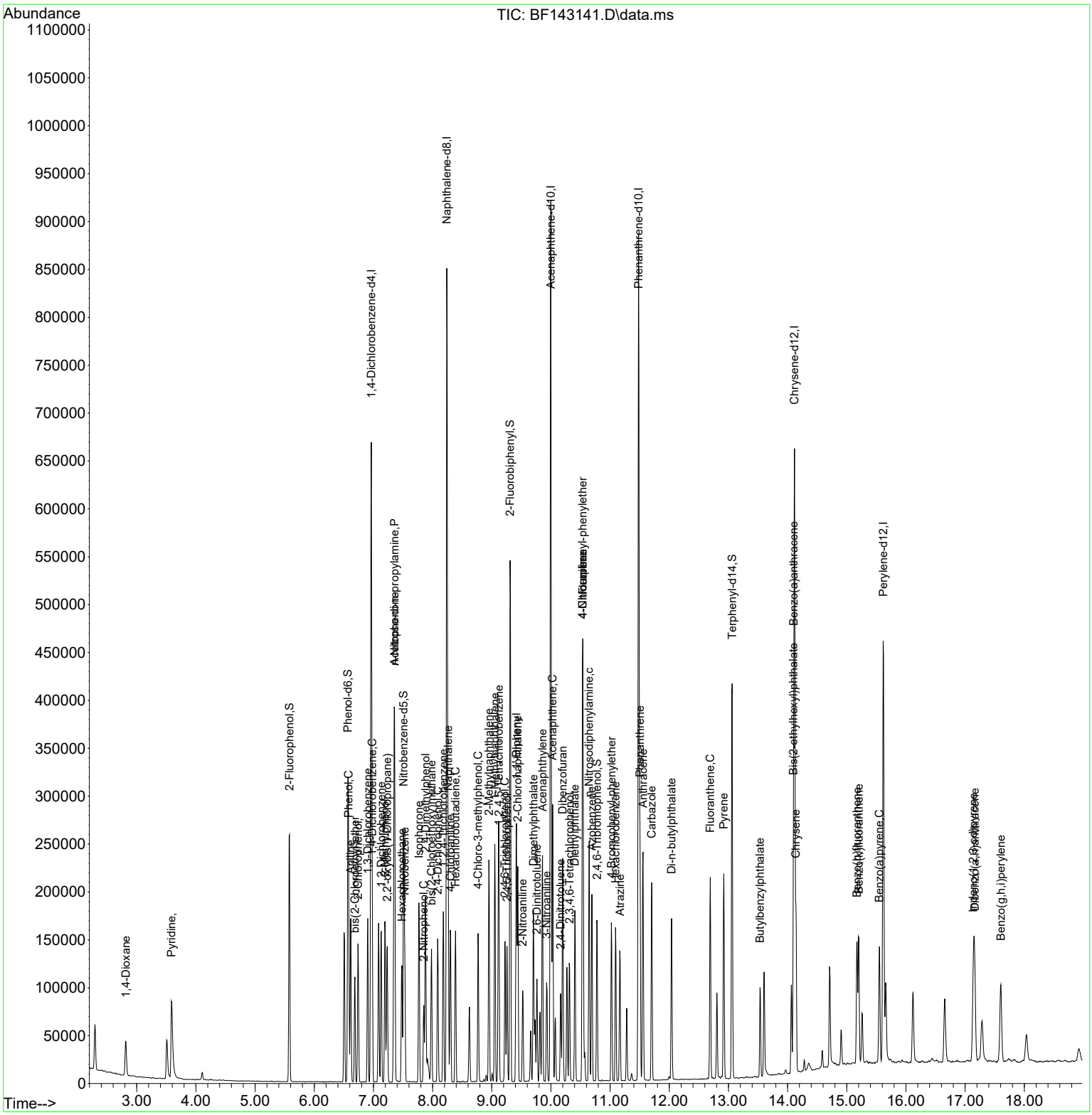
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143141.D
Acq On : 17 Jul 2025 11:34
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

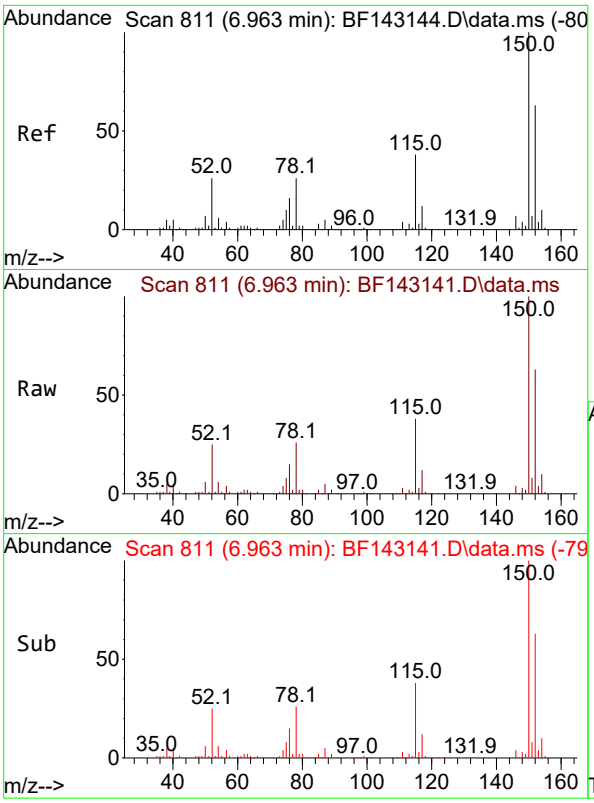
Quant Time: Jul 17 15:01:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

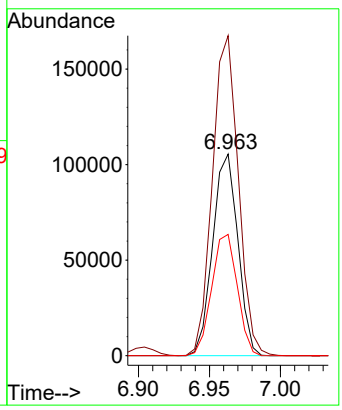




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:152 Resp: 12994

Ion	Ratio	Lower	Upper
152	100		
150	158.7	128.2	192.4
115	60.2	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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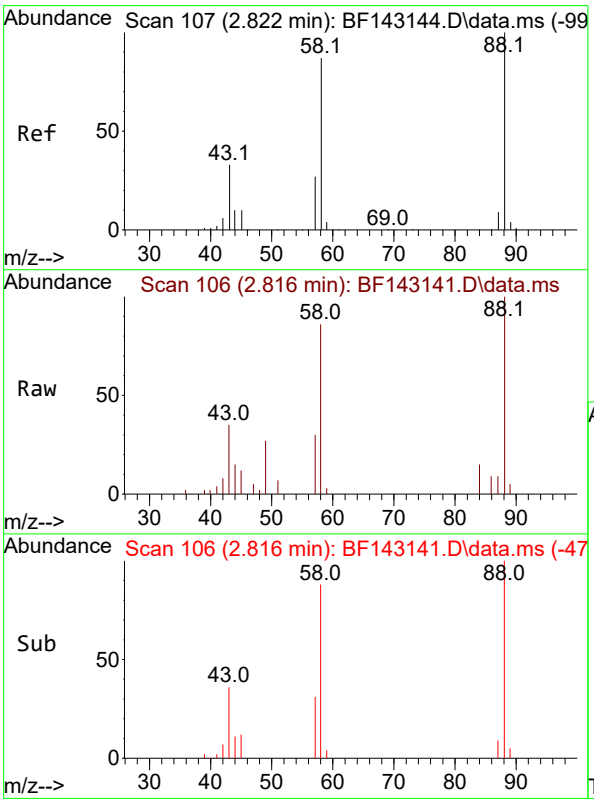
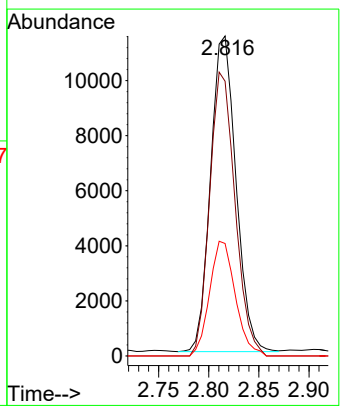
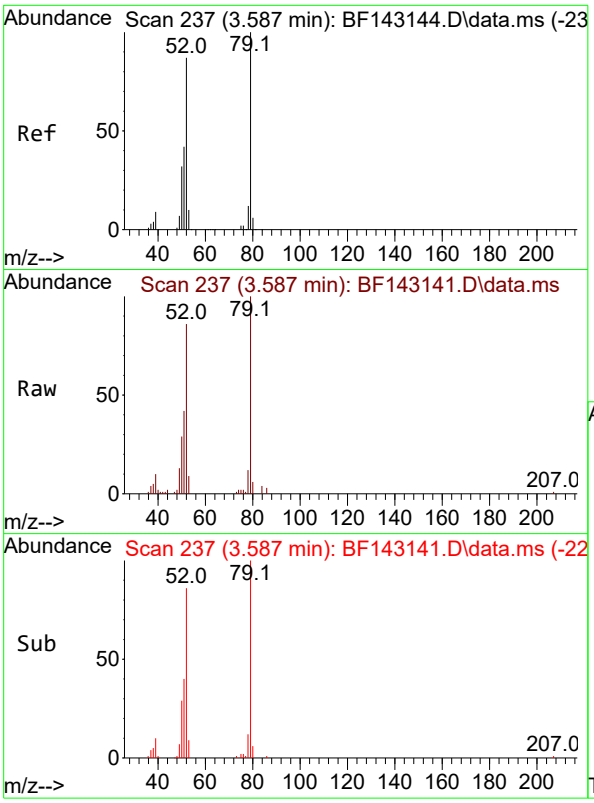


#2
1,4-Dioxane
Concen: 5.201 ng
RT: 2.816 min Scan# 106
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 88 Resp: 20208

Ion	Ratio	Lower	Upper
88	100		
58	89.6	70.2	105.2
43	36.7	27.1	40.7





#3
Pyridine
Concen: 5.254 ng
RT: 3.587 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 79 Resp: 5298

Ion	Ratio	Lower	Upper
79	100		
52	86.1	69.4	104.2
51	42.4	33.5	50.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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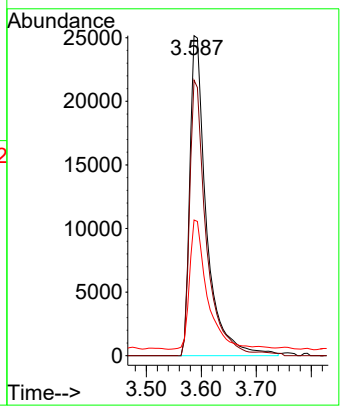
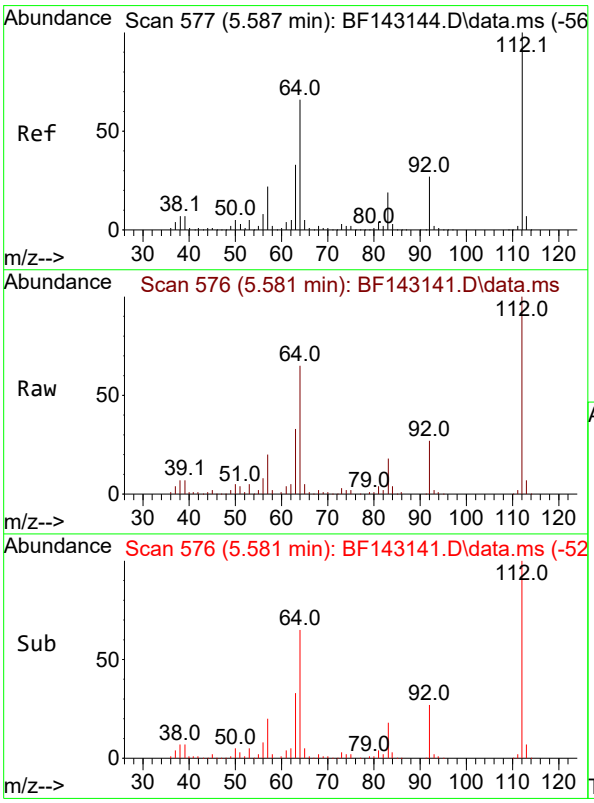
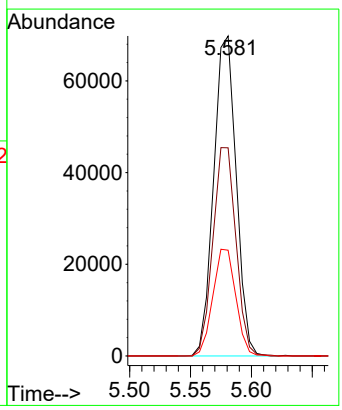


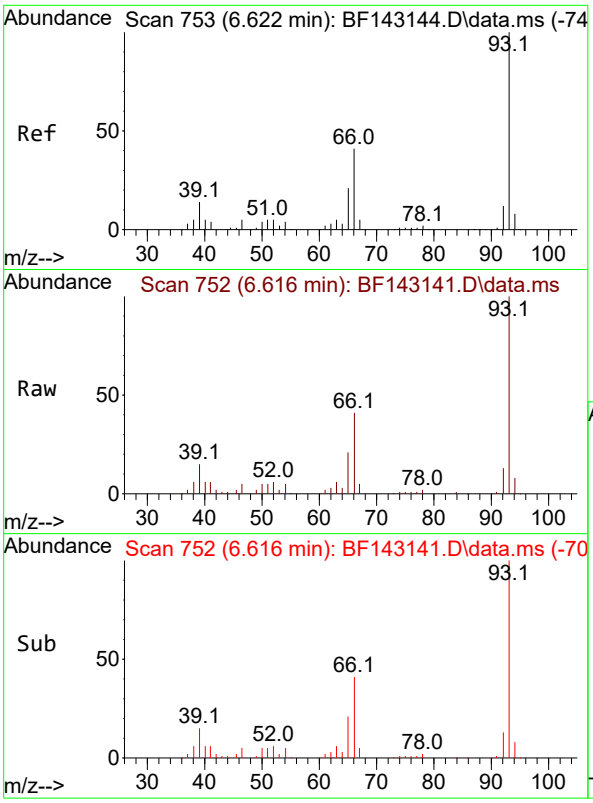


#5
2-Fluorophenol
Concen: 10.955 ng
RT: 5.581 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:112 Resp: 89958

Ion	Ratio	Lower	Upper
112	100		
64	65.1	53.1	79.7
63	33.1	26.6	40.0

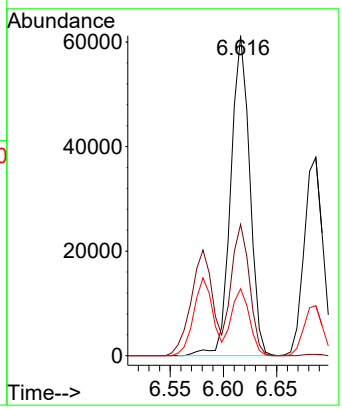




#6
Aniline
Concen: 5.263 ng
RT: 6.616 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 93 Resp: 7581

Ion	Ratio	Lower	Upper
93	100		
66	41.0	33.2	49.8
65	20.9	16.9	25.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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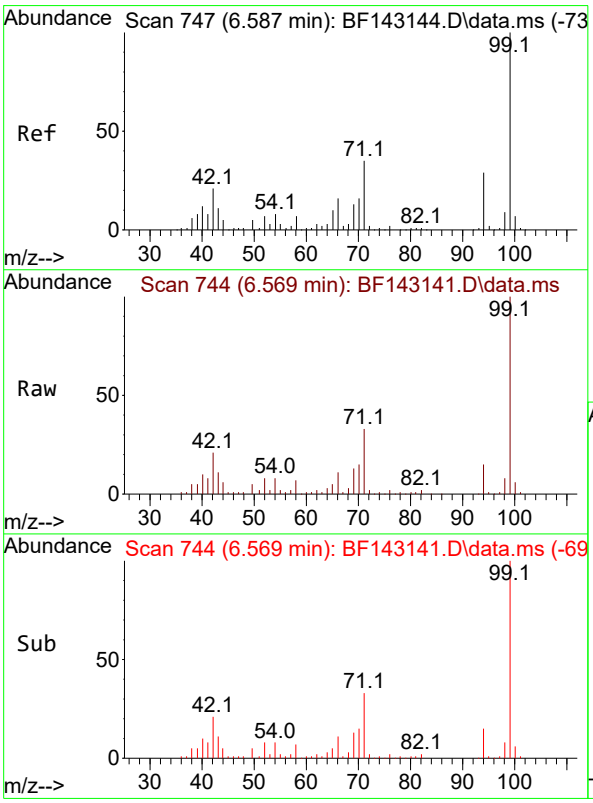
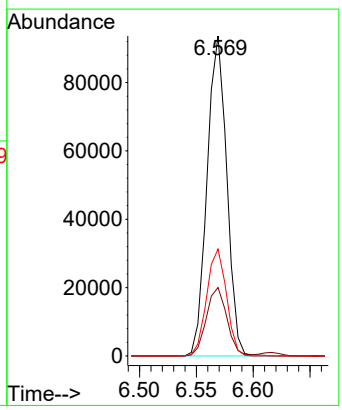
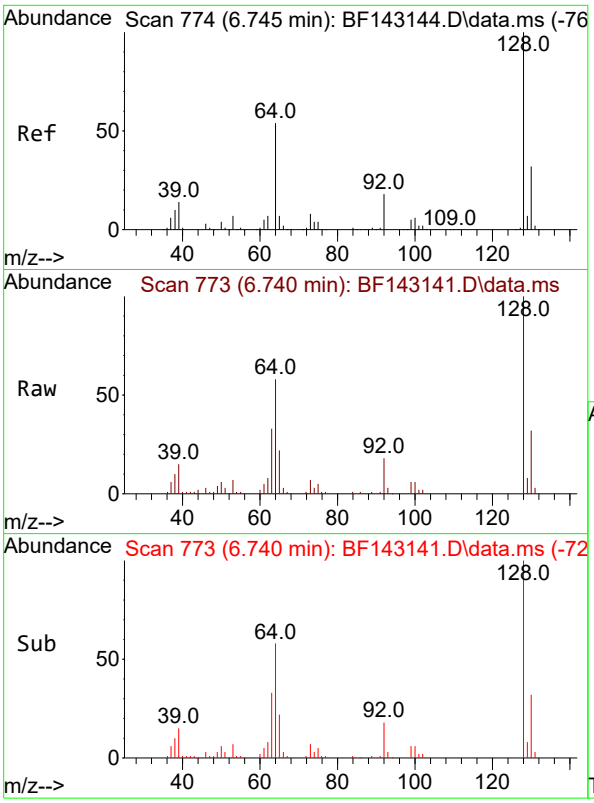


#7
Phenol-d6
Concen: 10.892 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 99 Resp: 112575

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.0	25.6
71	33.4	27.7	41.5

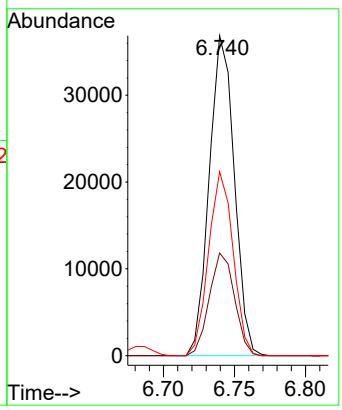




#8
2-Chlorophenol
Concen: 5.252 ng
RT: 6.740 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:128 Resp: 4520

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.3	52.3
64	57.5	35.9	75.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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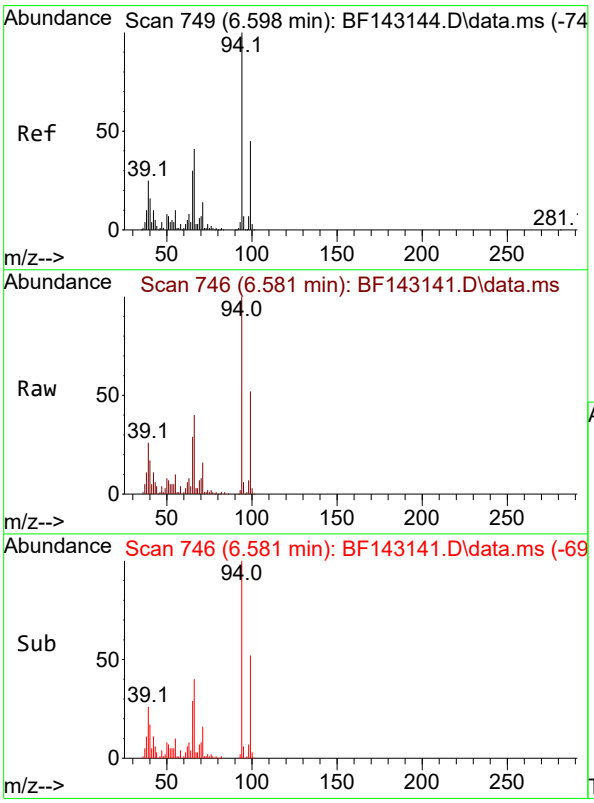
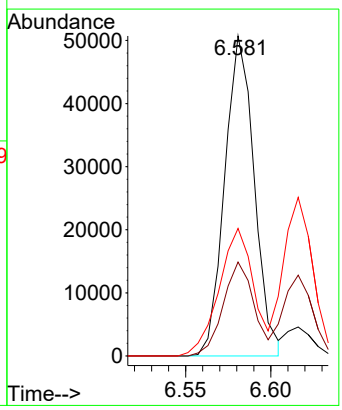
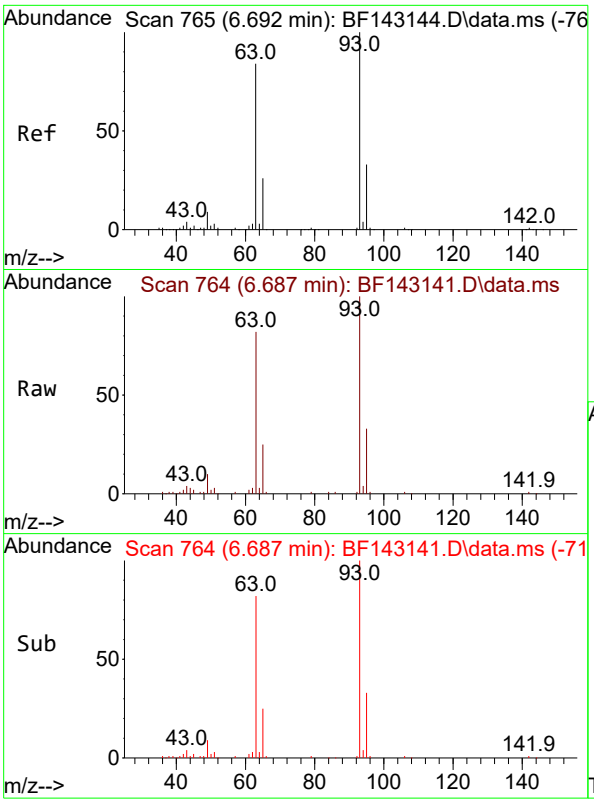


#10
Phenol
Concen: 5.431 ng
RT: 6.581 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 94 Resp: 61148

Ion	Ratio	Lower	Upper
94	100		
65	29.4	10.0	50.0
66	39.8	20.8	60.8

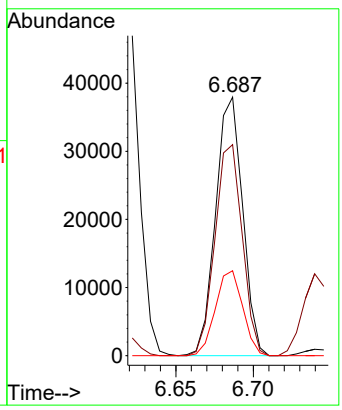




#11
bis(2-Chloroethyl)ether
Concen: 5.345 ng
RT: 6.687 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 93 Resp: 4608

Ion	Ratio	Lower	Upper
93	100		
63	81.6	63.4	103.4
95	32.9	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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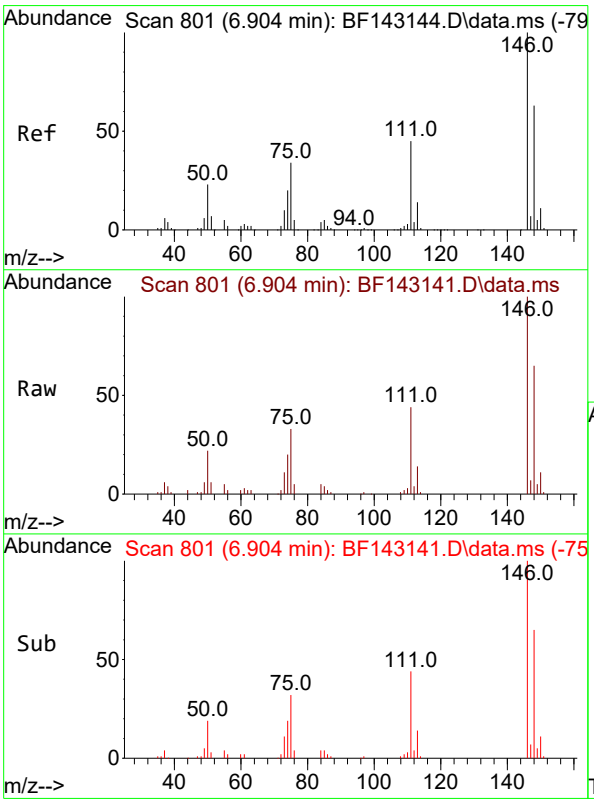
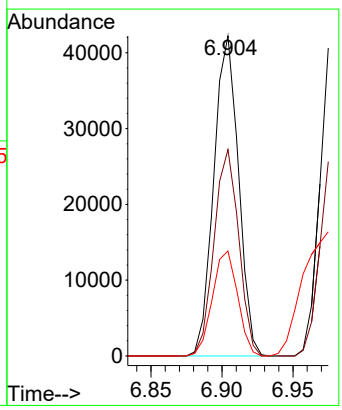
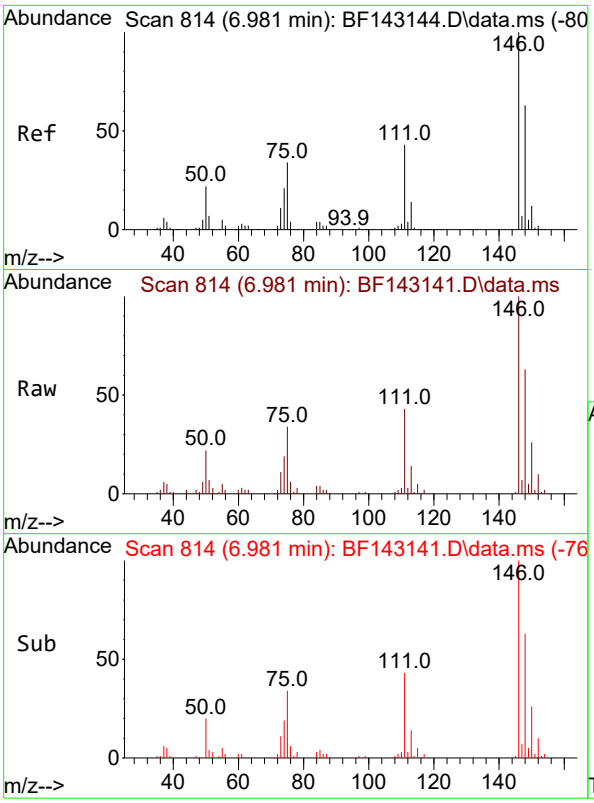


#12
1,3-Dichlorobenzene
Concen: 5.460 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:146 Resp: 51056

Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	76.0
75	32.8	27.4	41.2

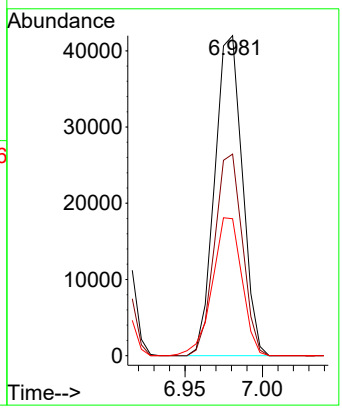




#13
1,4-Dichlorobenzene
Concen: 5.526 ng
RT: 6.981 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:146 Resp: 5203

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.3	75.5
111	42.8	34.4	51.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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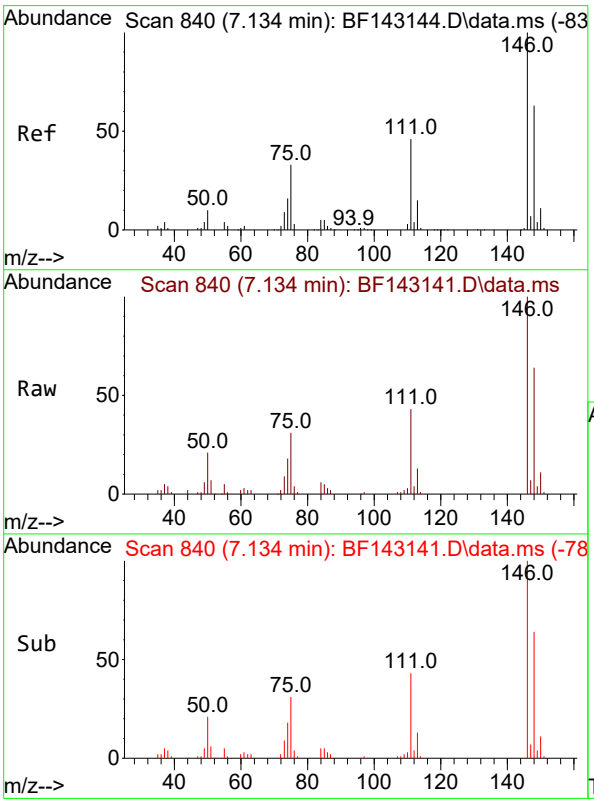
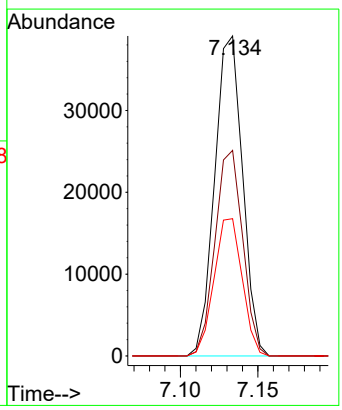
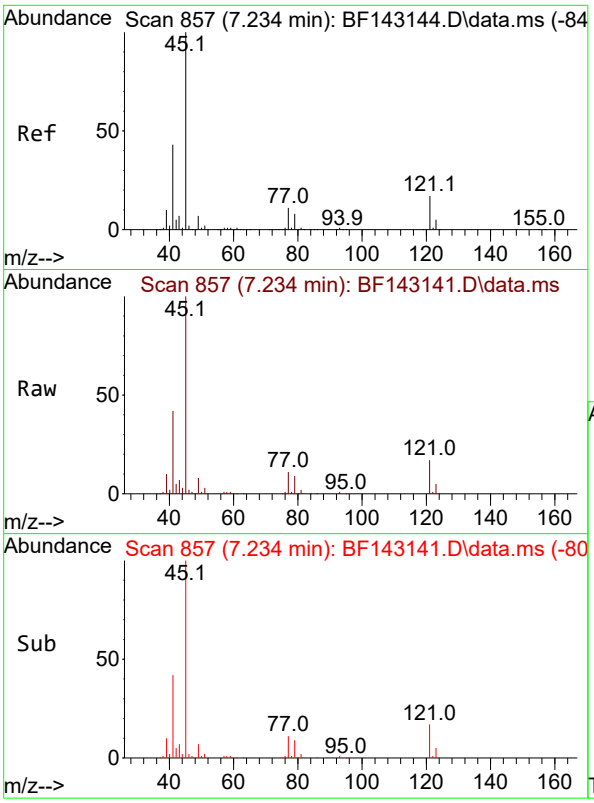


#14
1,2-Dichlorobenzene
Concen: 5.474 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:146 Resp: 49028

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.7	76.1
111	42.9	36.6	54.8

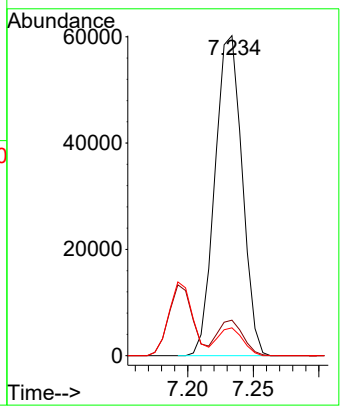




#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.423 ng
RT: 7.234 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 45 Resp: 8672

Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	31.2
79	8.7	0.0	28.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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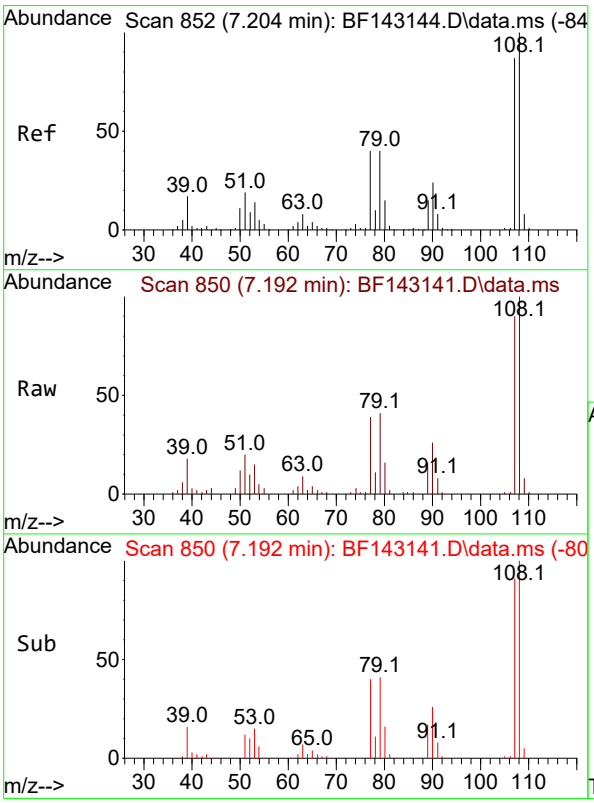
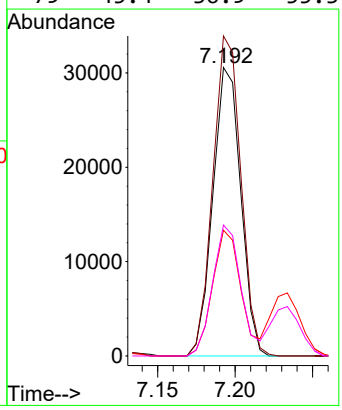
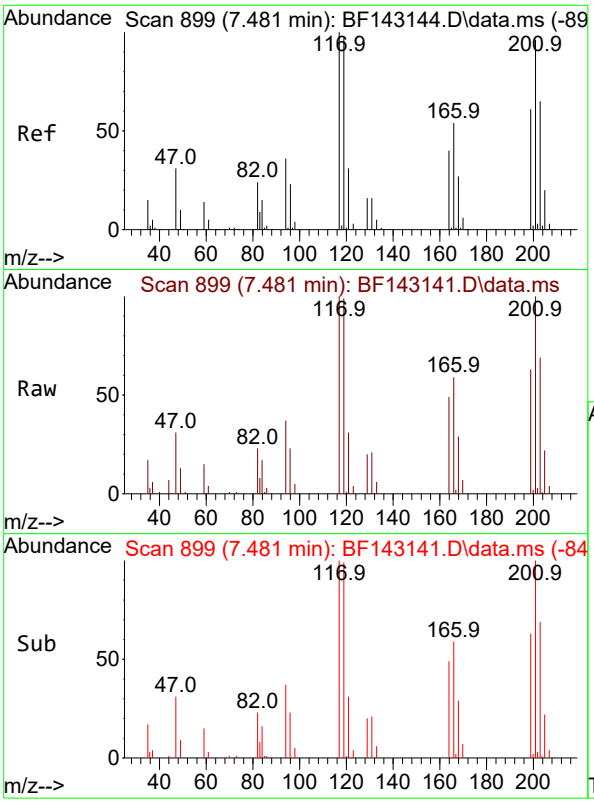


#17
2-Methylphenol
Concen: 5.289 ng
RT: 7.192 min Scan# 850
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:107 Resp: 38278

Ion	Ratio	Lower	Upper
107	100		
108	110.9	91.8	137.6
77	43.6	37.0	55.6
79	45.4	36.9	55.3

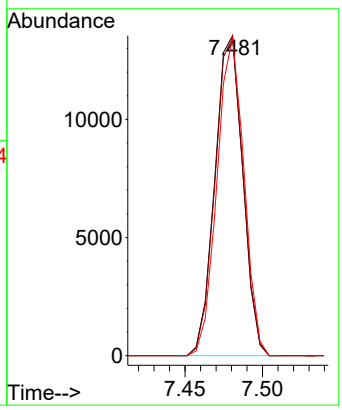




#18
Hexachloroethane
Concen: 5.198 ng
RT: 7.481 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:117 Resp: 1694

Ion	Ratio	Lower	Upper
117	100		
119	99.4	77.8	116.8
201	99.6	77.0	115.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

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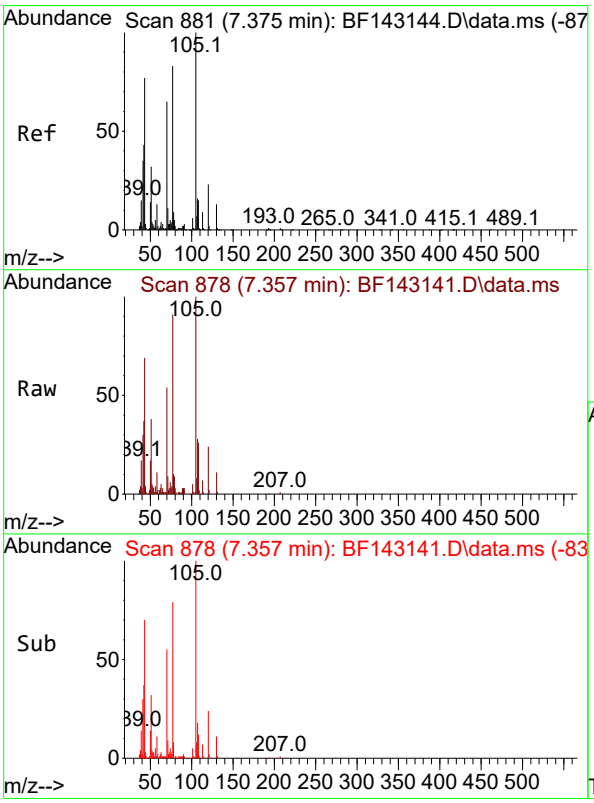
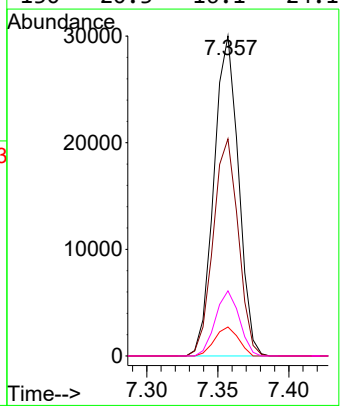
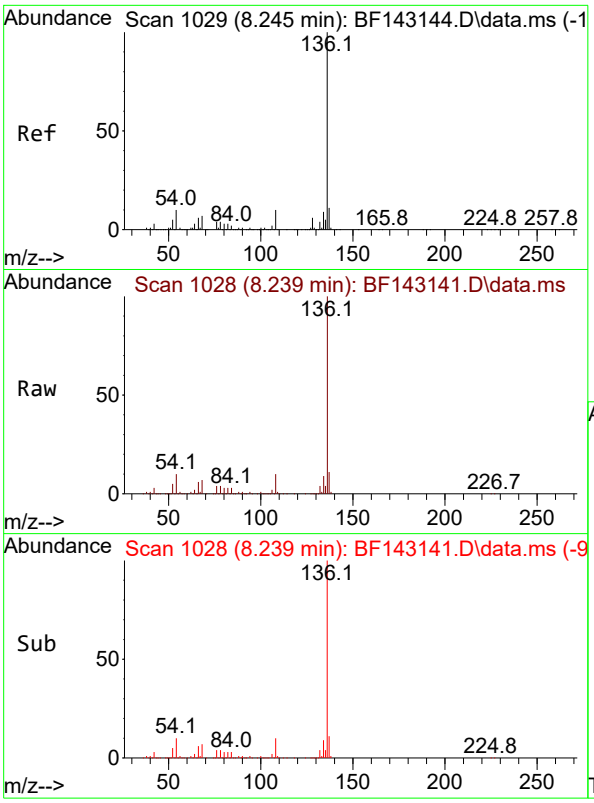


#19
n-Nitroso-di-n-propylamine
Concen: 5.445 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 70 Resp: 36103

Ion	Ratio	Lower	Upper
70	100		
42	67.8	52.5	78.7
101	9.0	7.6	11.4
130	20.3	16.1	24.1

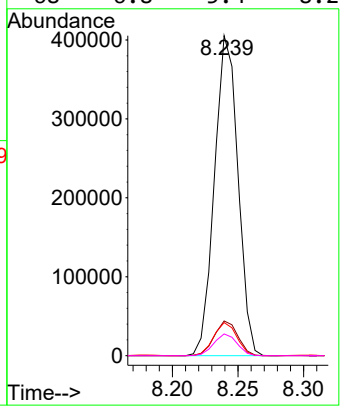




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:136 Resp: 50479

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.3	8.2	12.2
68	6.8	5.4	8.2



Instrument :
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ClientSampleId :
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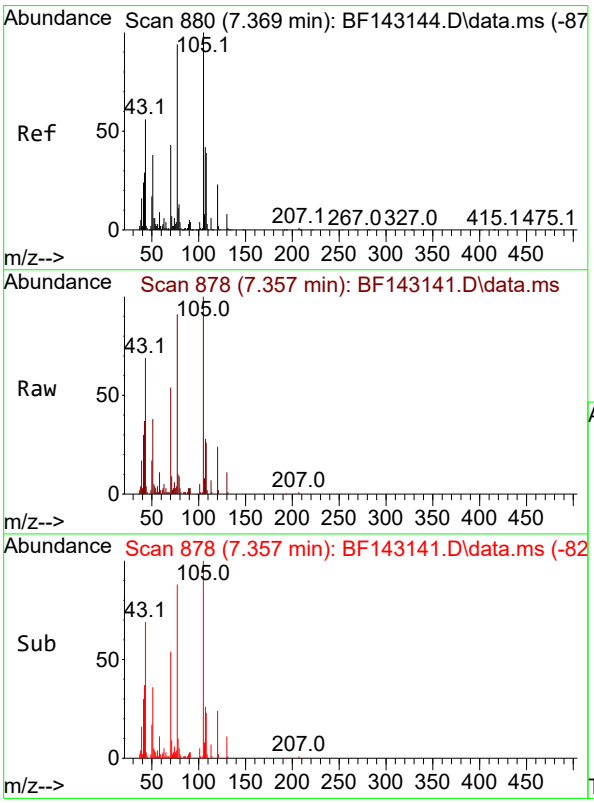
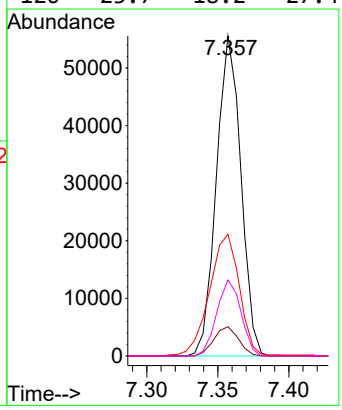
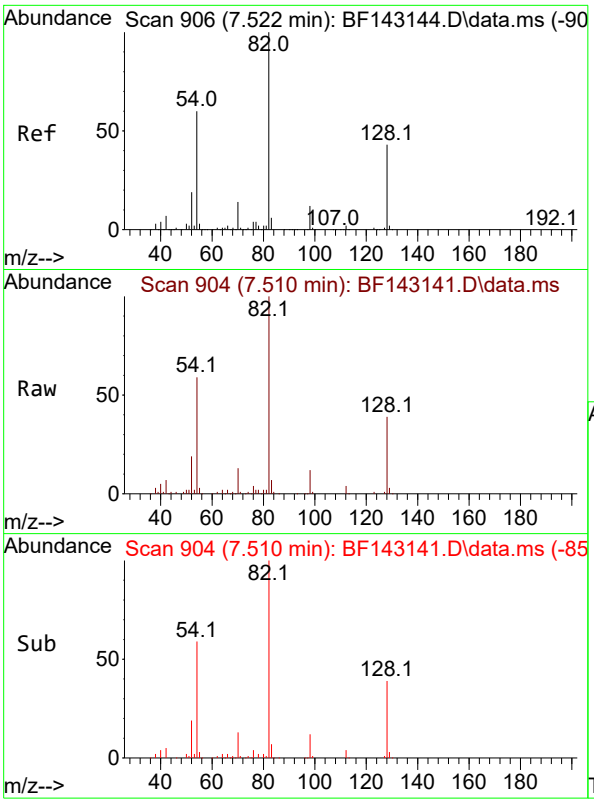


#22
Acetophenone
Concen: 5.569 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:105 Resp: 66559

Ion	Ratio	Lower	Upper
105	100		
71	9.1	5.8	8.6#
51	38.1	30.2	45.2
120	23.7	18.2	27.4

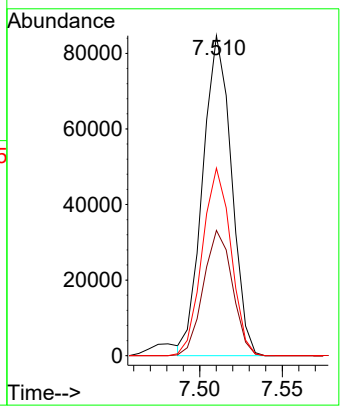




#23
Nitrobenzene-d5
Concen: 10.146 ng m
RT: 7.510 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 82 Resp: 10274

Ion	Ratio	Lower	Upper
82	100		
128	39.1	33.6	50.4
54	58.6	47.1	70.7



Instrument :
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ClientSampleId :
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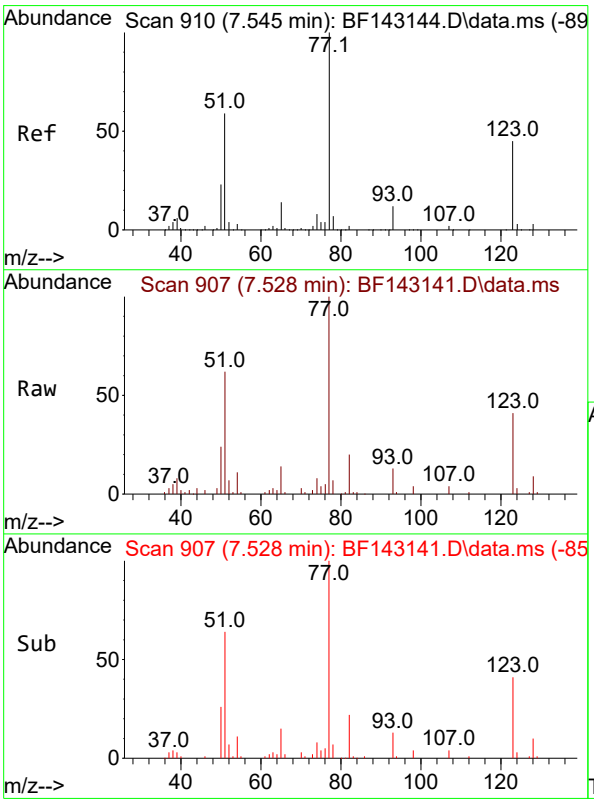
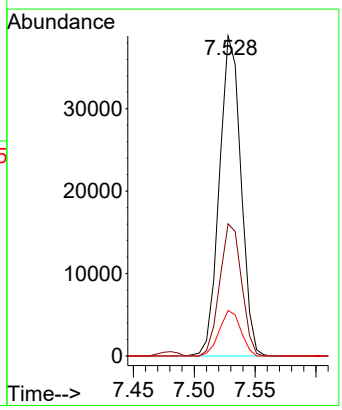
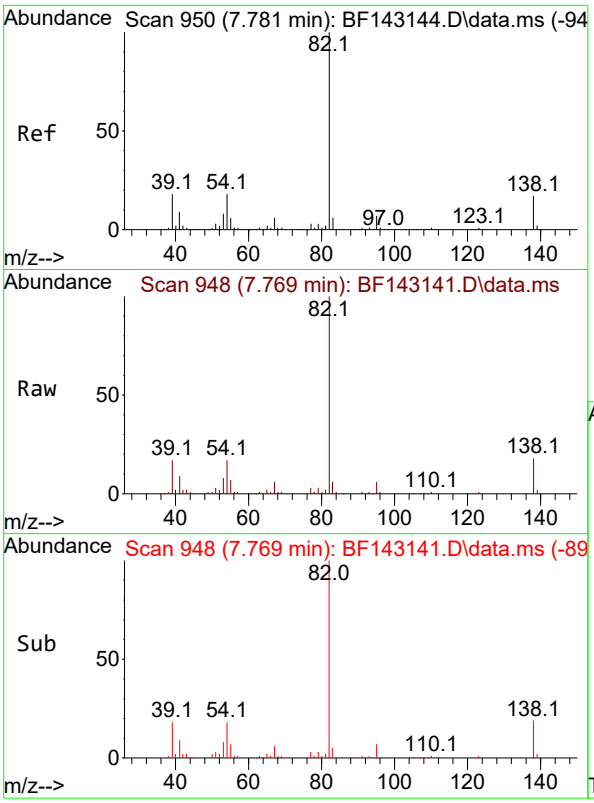


#24
Nitrobenzene
Concen: 5.074 ng
RT: 7.528 min Scan# 907
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 77 Resp: 47902

Ion	Ratio	Lower	Upper
77	100		
123	41.3	36.1	54.1
65	14.2	11.4	17.2

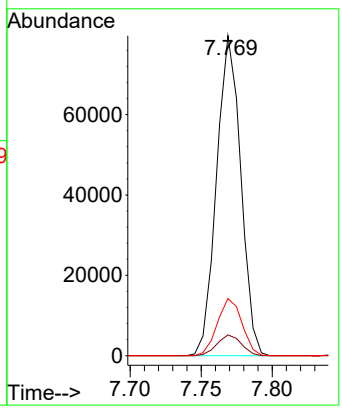




#25
Isophorone
Concen: 5.279 ng
RT: 7.769 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 82 Resp: 9437

Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.5	8.3
138	17.8	13.8	20.8



Instrument :
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ClientSampleId :
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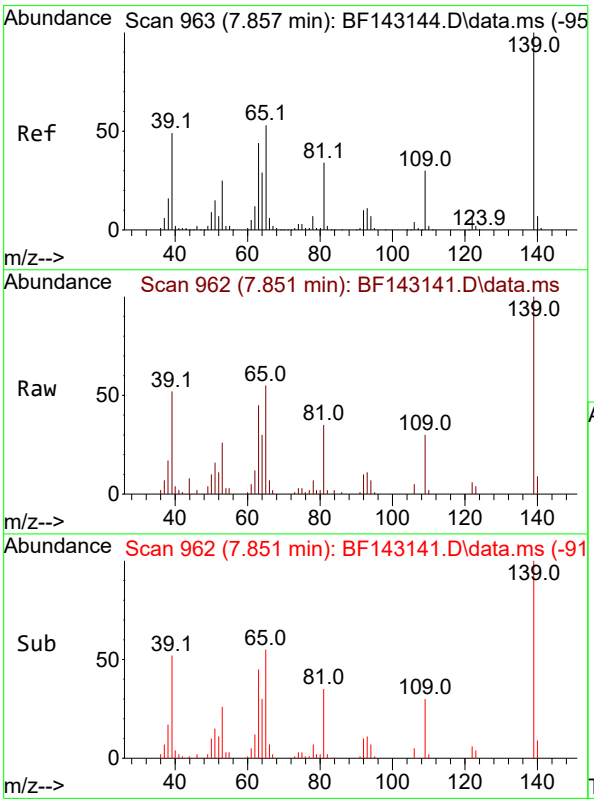
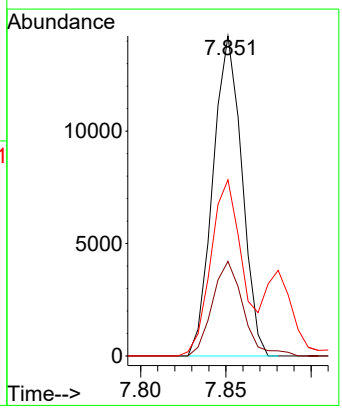
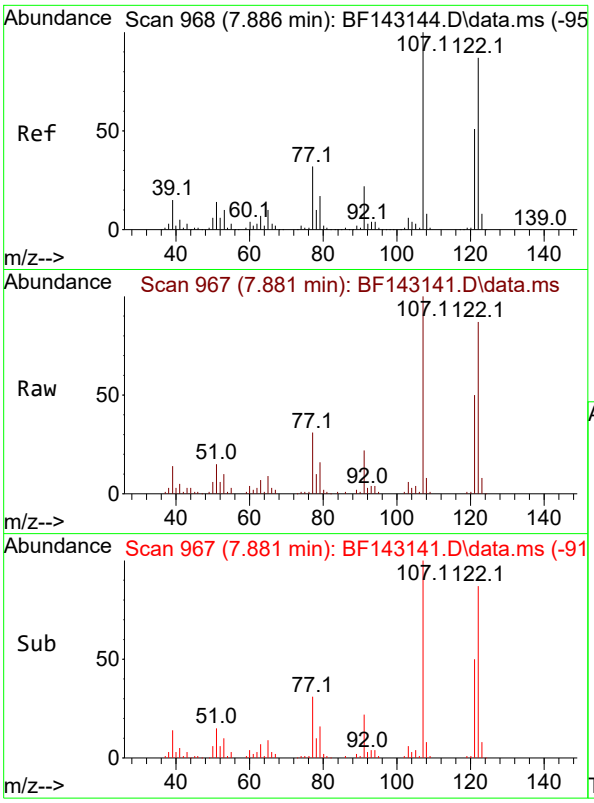


#26
2-Nitrophenol
Concen: 4.107 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:139 Resp: 16827

Ion	Ratio	Lower	Upper
139	100		
109	29.5	23.6	35.4
65	55.0	42.6	64.0

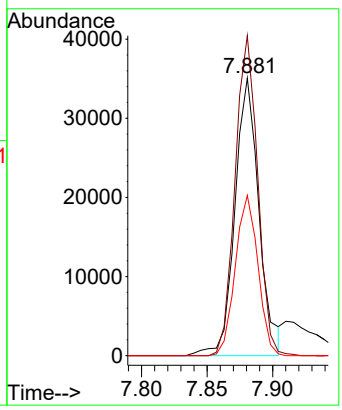




#27
2,4-Dimethylphenol
Concen: 5.382 ng
RT: 7.881 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:122 Resp: 4495

Ion	Ratio	Lower	Upper
122	100		
107	115.3	91.8	137.6
121	57.8	46.3	69.5



Instrument :
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ClientSampleId :
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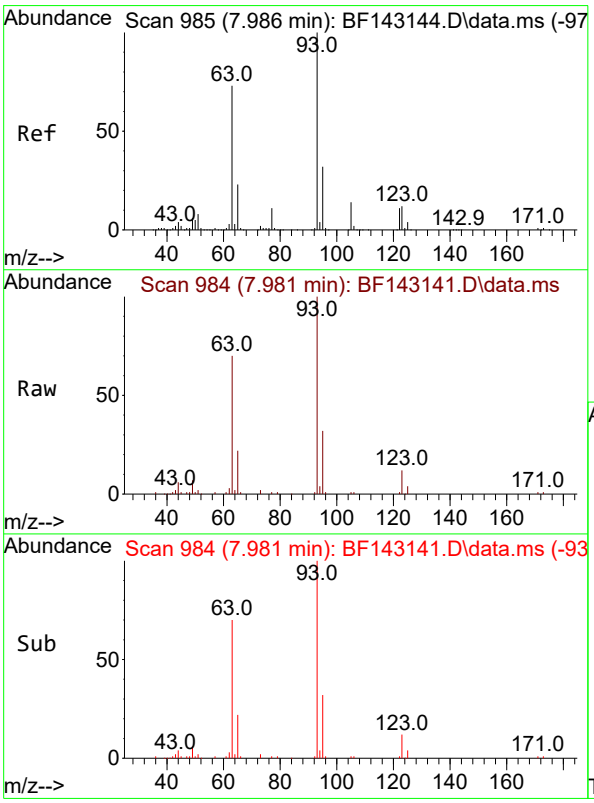
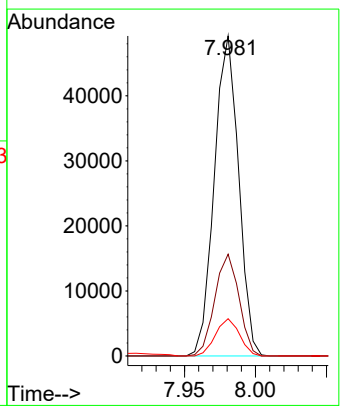
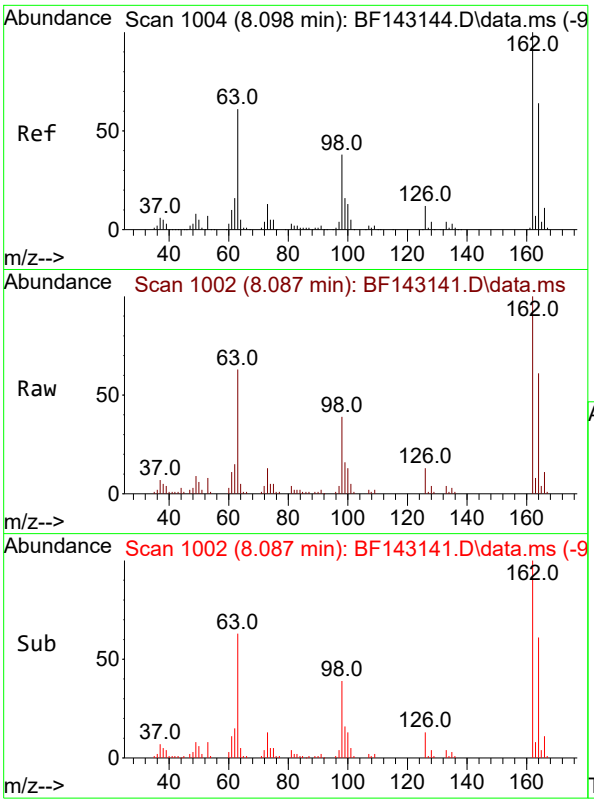


#28
bis(2-Chloroethoxy)methane
Concen: 5.455 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 93 Resp: 58465

Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.8	38.6
123	11.7	9.7	14.5

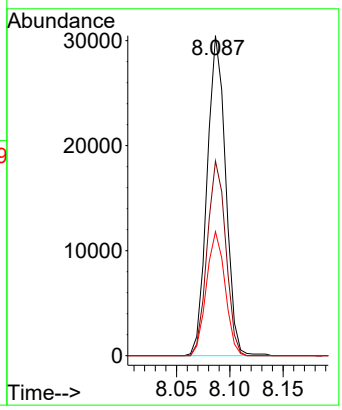




#29
2,4-Dichlorophenol
Concen: 5.236 ng
RT: 8.087 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:162 Resp: 3688

Ion	Ratio	Lower	Upper
162	100		
164	60.8	44.2	84.2
98	38.7	17.9	57.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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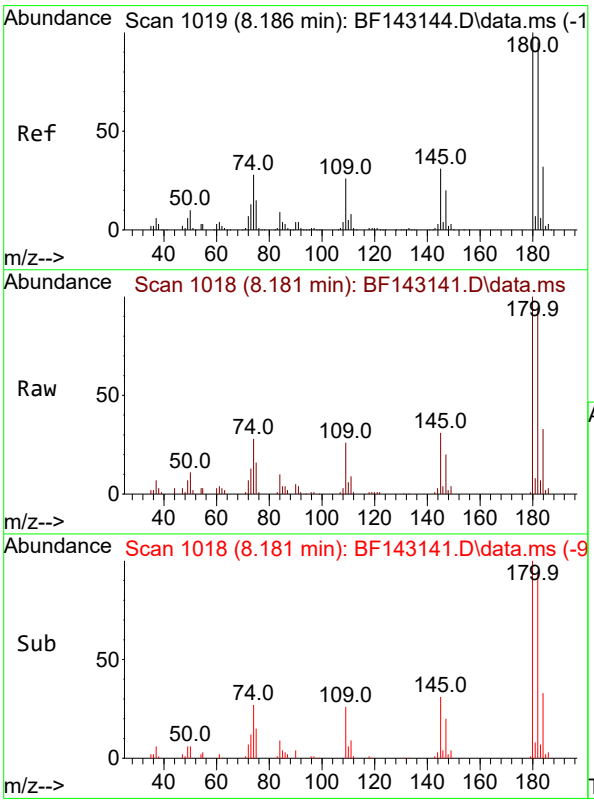
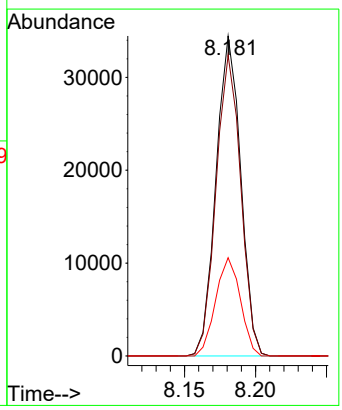
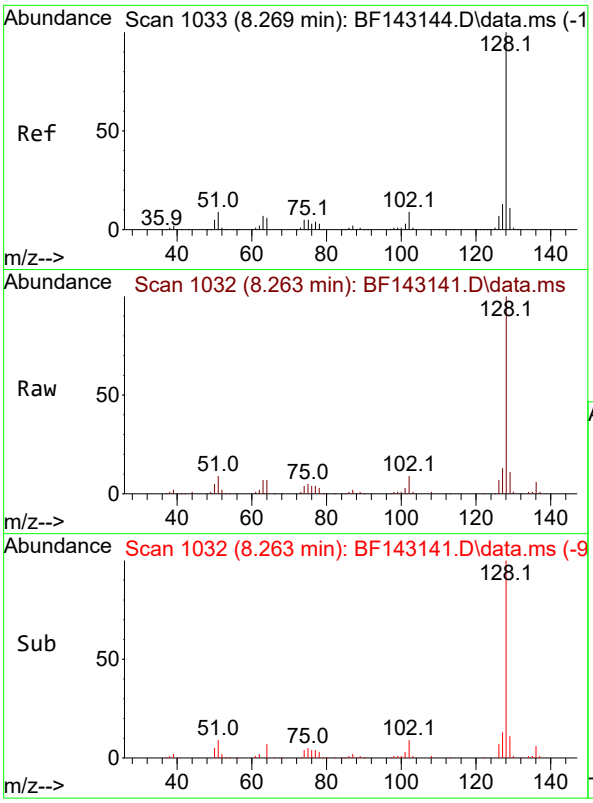


#30
1,2,4-Trichlorobenzene
Concen: 5.460 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:180 Resp: 41552

Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.2	114.2
145	30.7	25.0	37.6

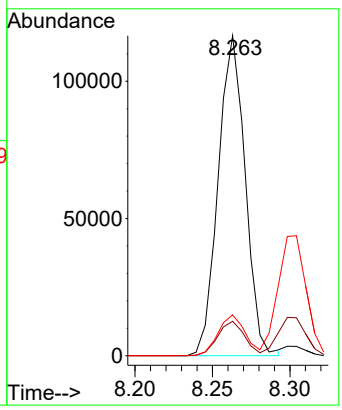




#31
Naphthalene
Concen: 5.676 ng
RT: 8.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:128 Resp: 14109

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	12.7	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
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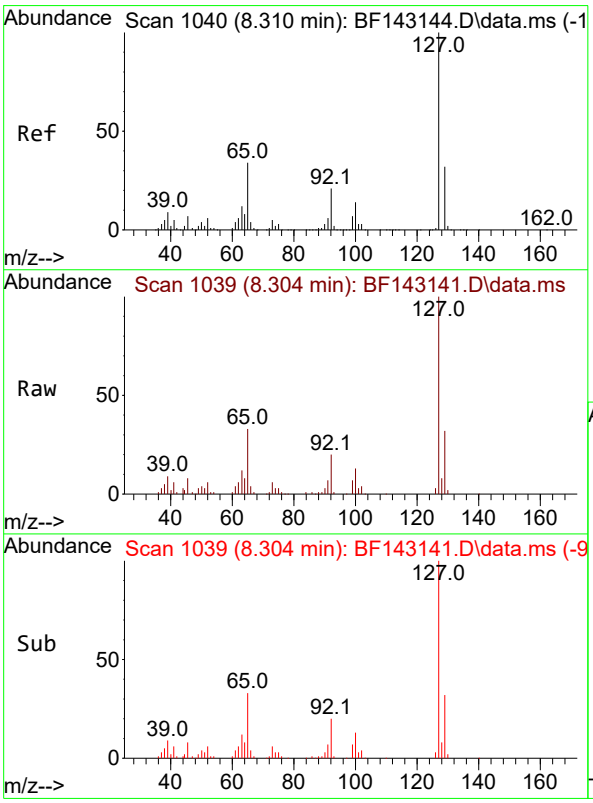
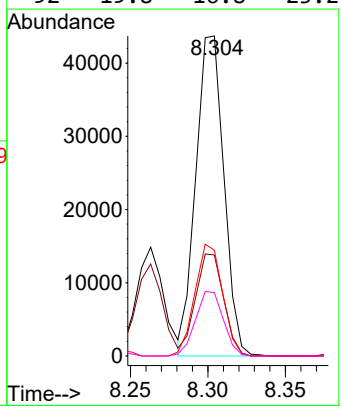
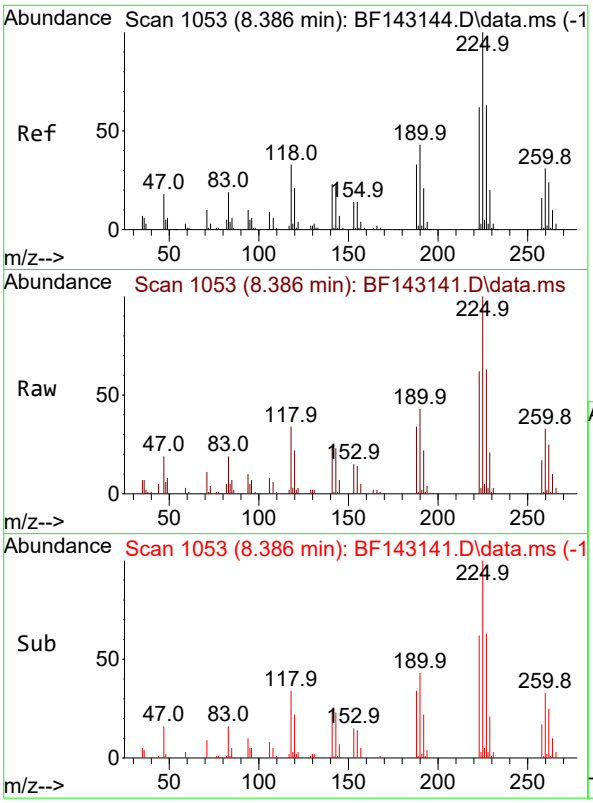


#33
4-Chloroaniline
Concen: 5.431 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:127 Resp: 55130

Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.0	39.0
65	33.0	27.4	41.2
92	19.8	16.8	25.2

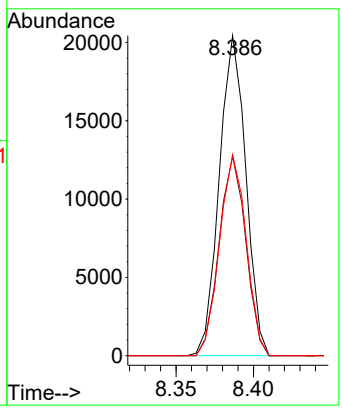




#34
Hexachlorobutadiene
Concen: 5.232 ng
RT: 8.386 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:225 Resp: 2432

Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.6
227	62.8	50.2	75.4



Instrument :
BNA_F
ClientSampleId :
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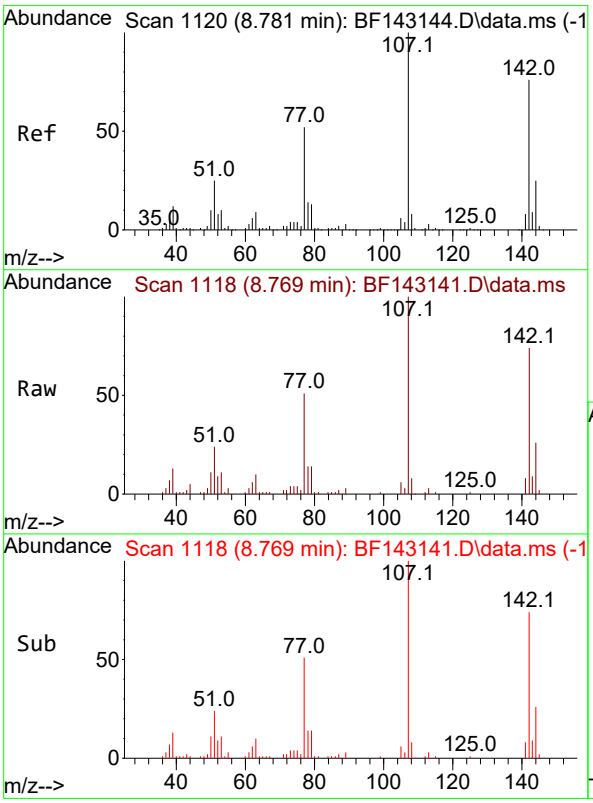
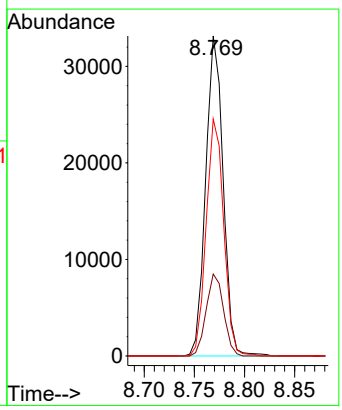
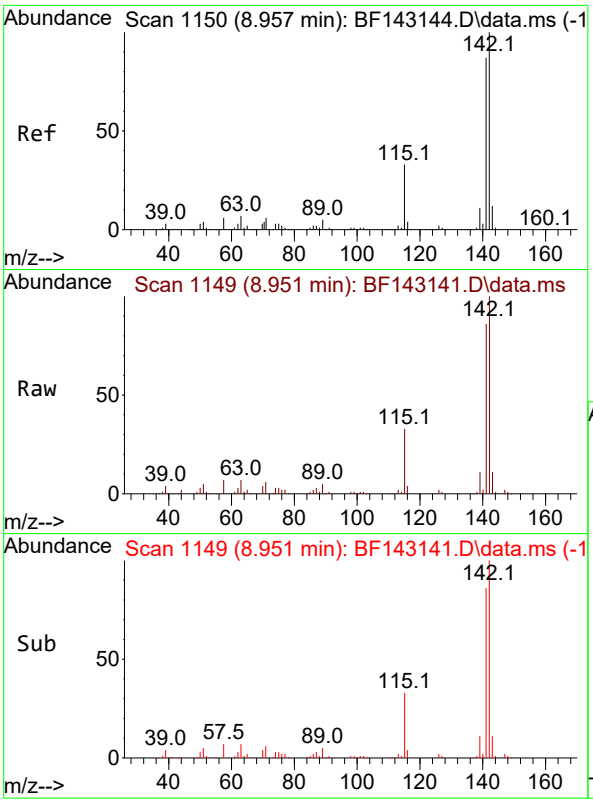


#36
4-Chloro-3-methylphenol
Concen: 5.251 ng
RT: 8.769 min Scan# 1118
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:107 Resp: 40203

Ion	Ratio	Lower	Upper
107	100		
144	25.6	19.8	29.6
142	74.1	60.6	90.8

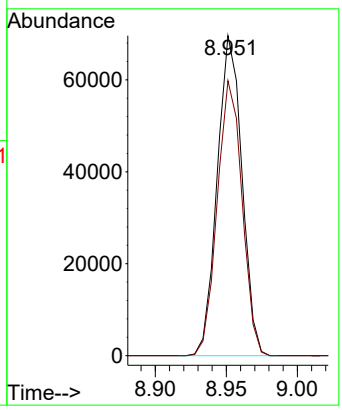




#37
2-Methylnaphthalene
Concen: 5.568 ng
RT: 8.951 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:142 Resp: 8423

Ion	Ratio	Lower	Upper
142	100		
141	85.9	69.9	104.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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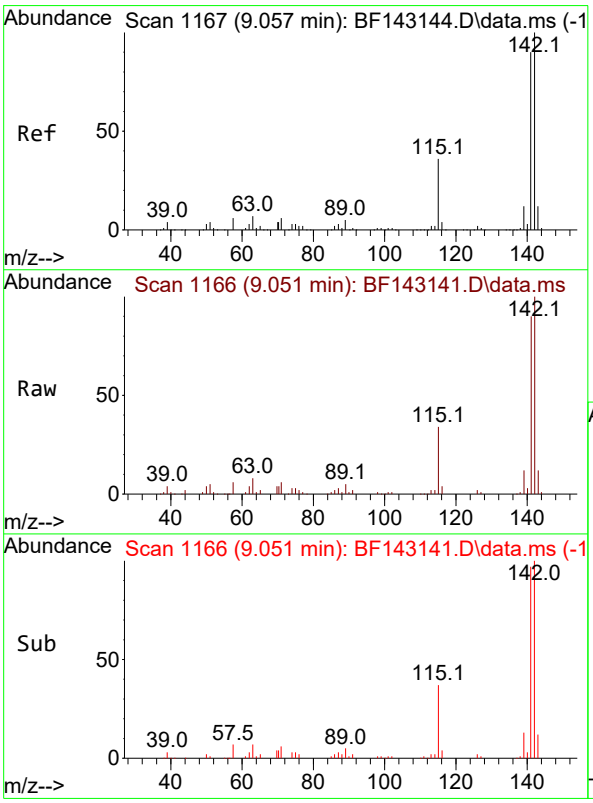
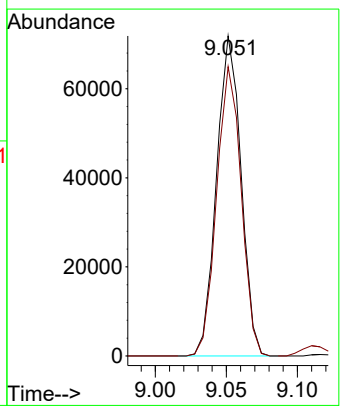
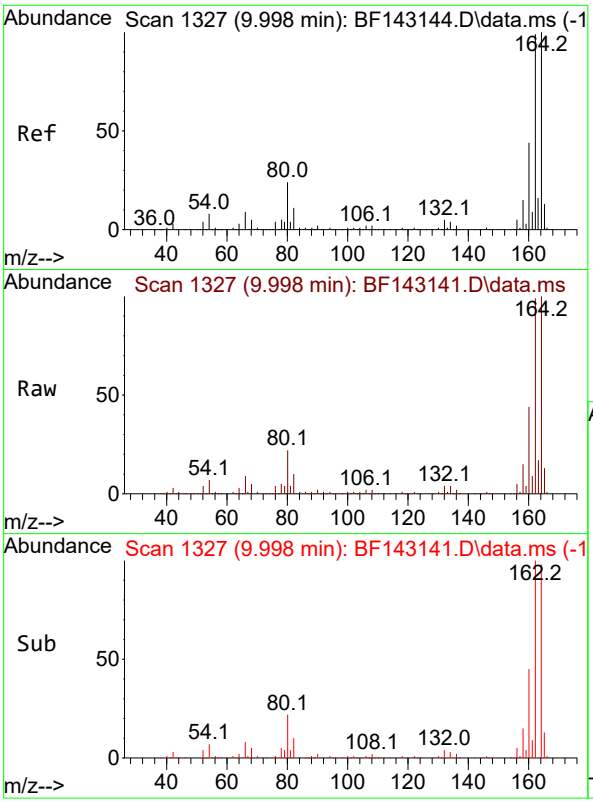


#38
1-Methylnaphthalene
Concen: 5.529 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:142 Resp: 86130

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.3	108.5

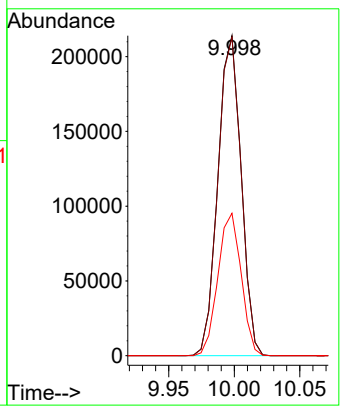




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:164 Resp: 263409

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.0	118.6
160	44.5	35.1	52.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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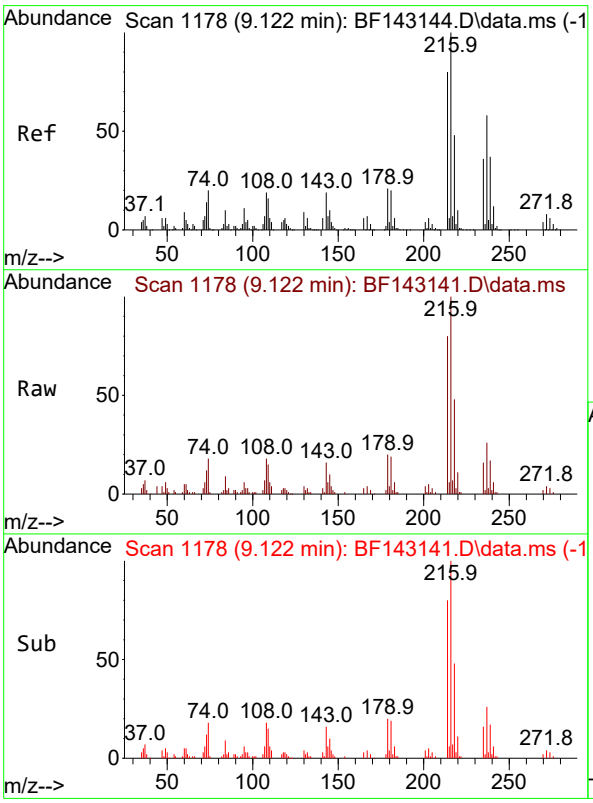
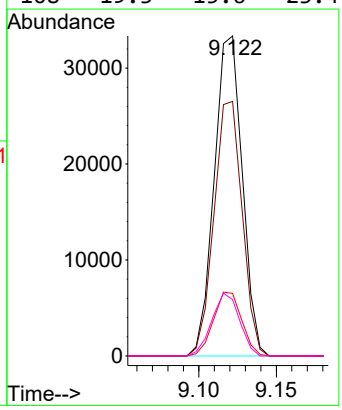
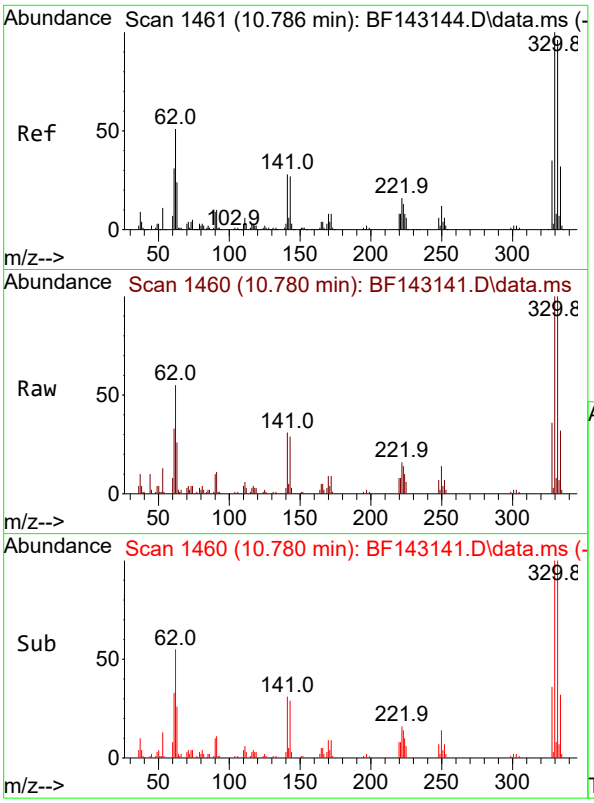


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.523 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:216 Resp: 41999

Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.8	95.8
179	20.1	16.4	24.6
108	19.3	15.6	23.4

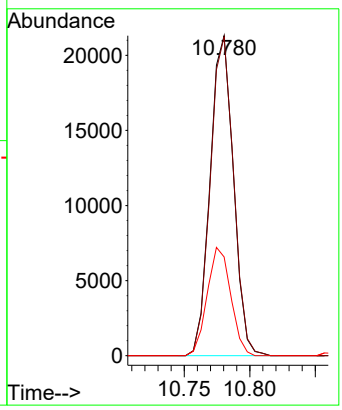




#42
2,4,6-Tribromophenol
Concen: 9.661 ng
RT: 10.780 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:330 Resp: 2628

Ion	Ratio	Lower	Upper
330	100		
332	99.4	76.7	115.1
141	34.3	23.3	34.9



Instrument :
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ClientSampleId :
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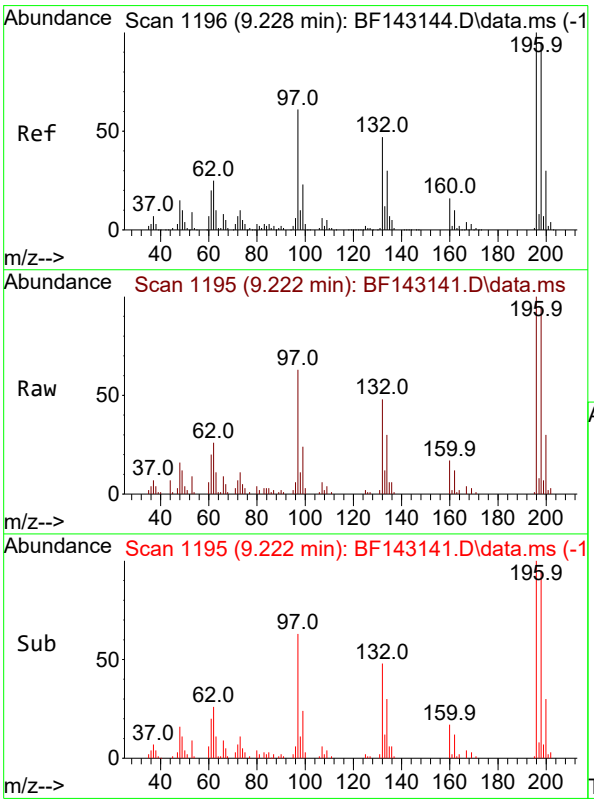
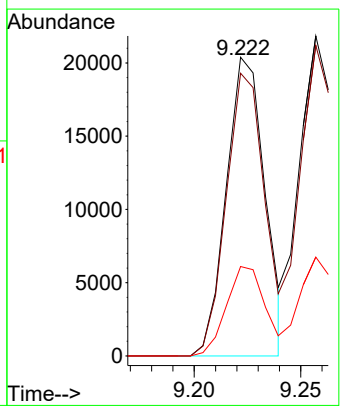
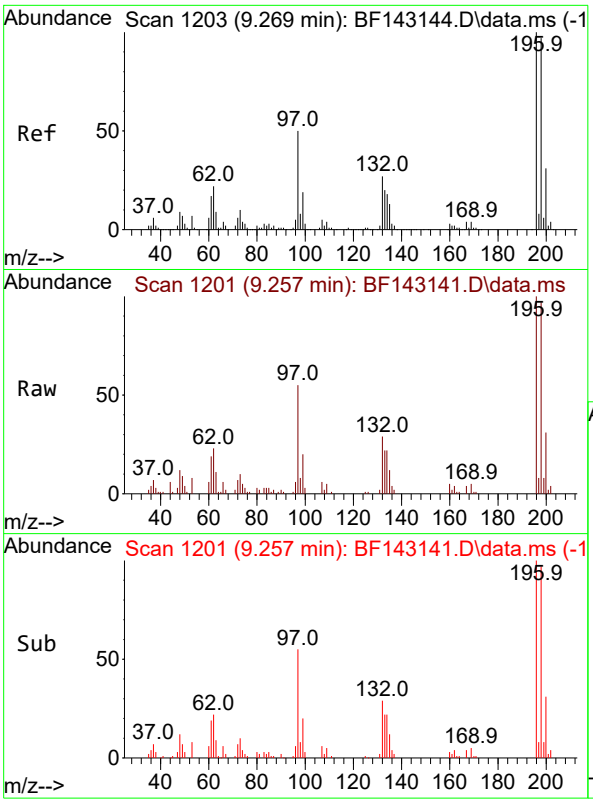


#43
2,4,6-Trichlorophenol
Concen: 4.889 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:196 Resp: 25730

Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.2	114.2
200	30.0	23.9	35.9

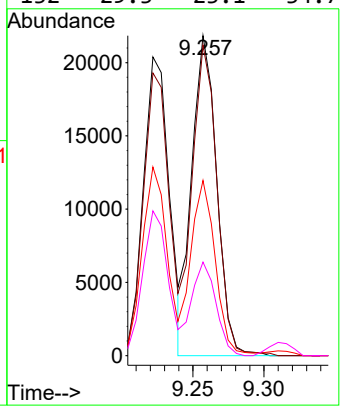




#44
2,4,5-Trichlorophenol
Concen: 5.057 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:196 Resp: 2662

Ion	Ratio	Lower	Upper
196	100		
198	97.0	77.3	115.9
97	54.7	40.3	60.5
132	29.3	23.1	34.7



Instrument :
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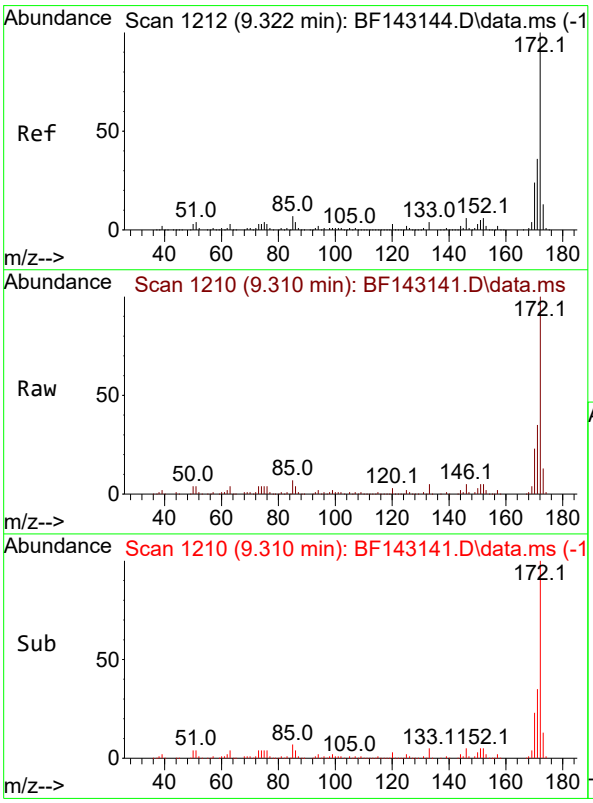
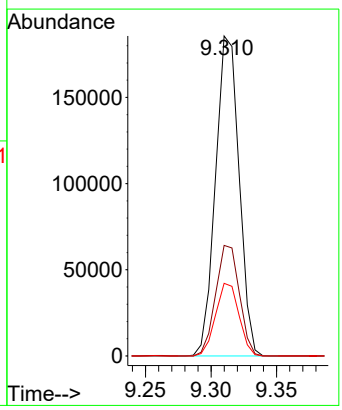
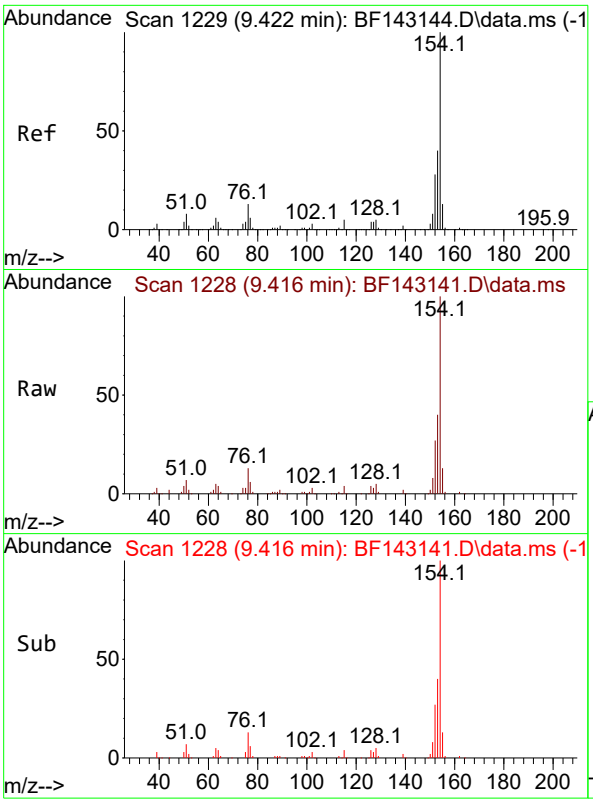


#45
2-Fluorobiphenyl
Concen: 12.043 ng
RT: 9.310 min Scan# 1210
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:172 Resp: 231962

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	42.8
170	22.7	18.8	28.2

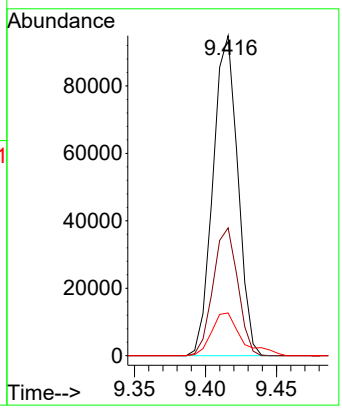




#46
1,1'-Biphenyl
Concen: 5.602 ng
RT: 9.416 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:154 Resp: 11513

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.3	60.3
76	13.4	0.0	33.3



Instrument :
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ClientSampleId :
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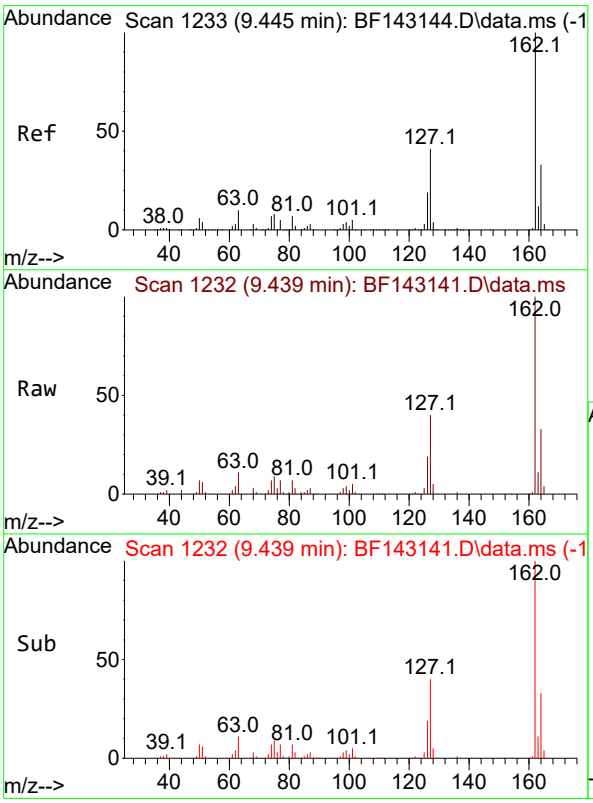
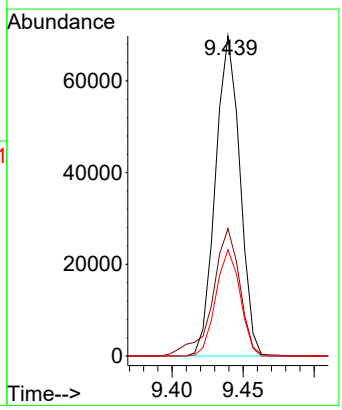
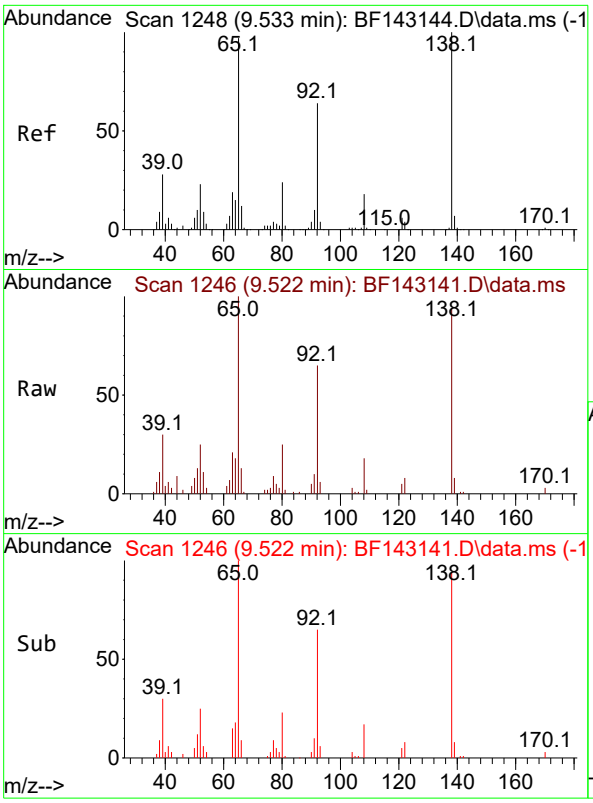


#47
2-Chloronaphthalene
Concen: 5.491 ng
RT: 9.439 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:162 Resp: 83495

Ion	Ratio	Lower	Upper
162	100		
127	39.8	33.4	50.2
164	33.2	26.2	39.2

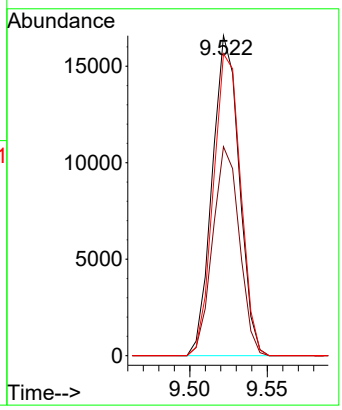




#48
2-Nitroaniline
Concen: 4.210 ng
RT: 9.522 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 65 Resp: 2007

Ion	Ratio	Lower	Upper
65	100		
92	65.3	52.4	78.6
138	94.3	82.3	123.5



Instrument :
BNA_F
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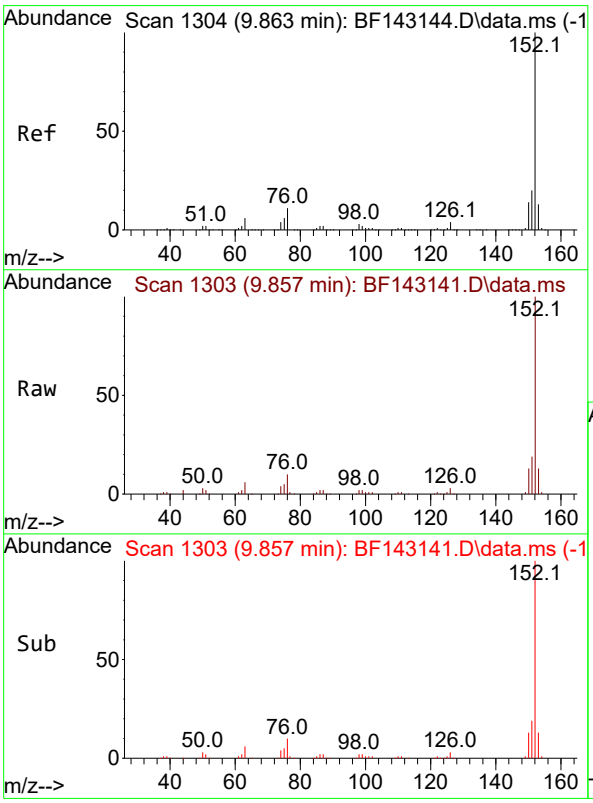
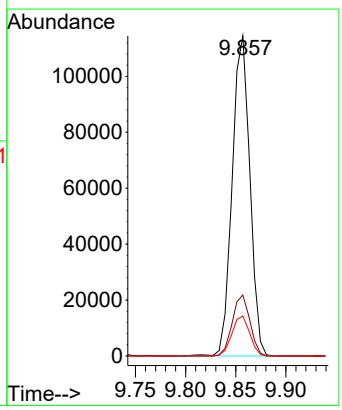
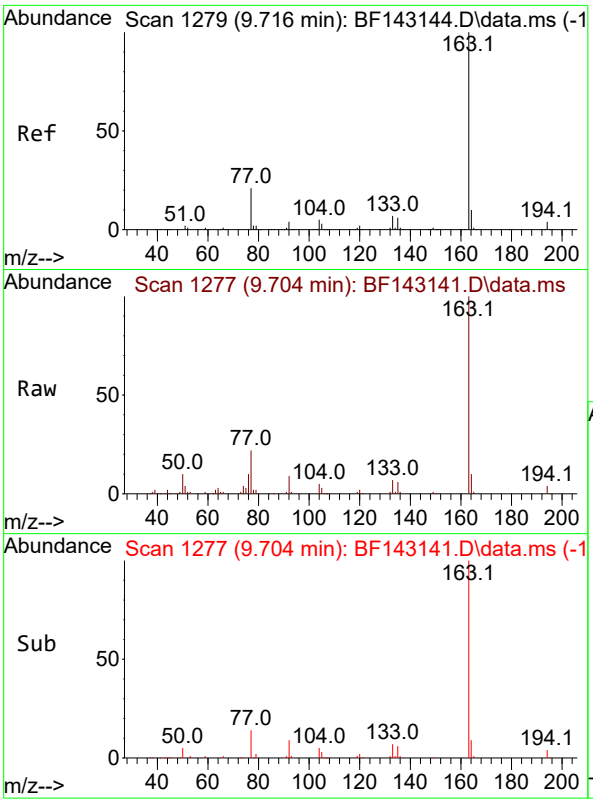


#49
Acenaphthylene
Concen: 5.514 ng
RT: 9.857 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:152 Resp: 140525

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.2
153	12.5	10.6	16.0





#50
Dimethylphthalate
Concen: 5.452 ng
RT: 9.704 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:163 Resp: 9361

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.8	8.3	12.5

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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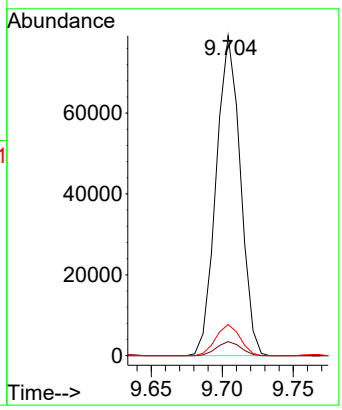
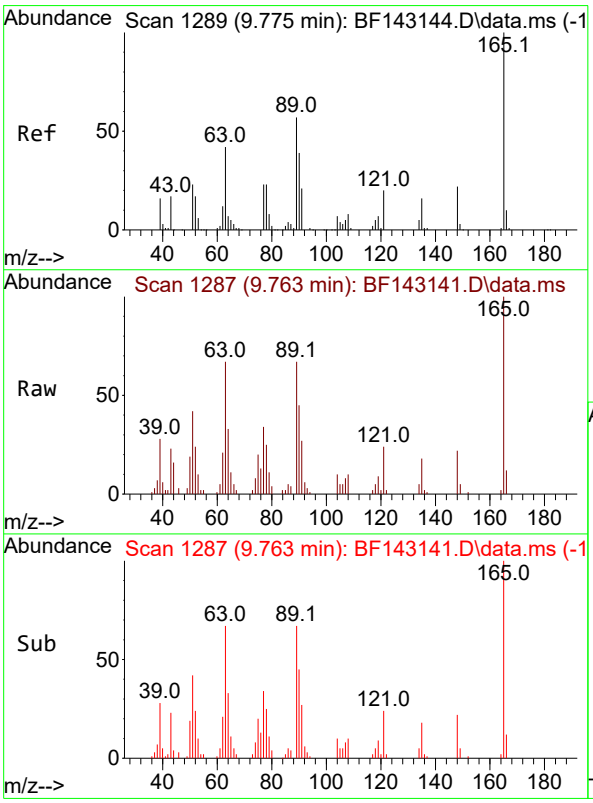
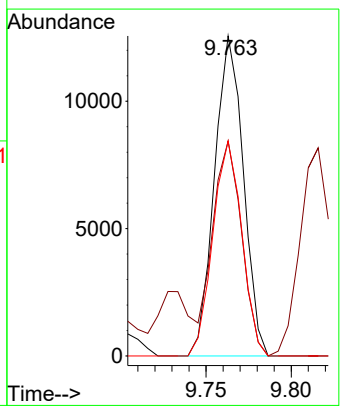


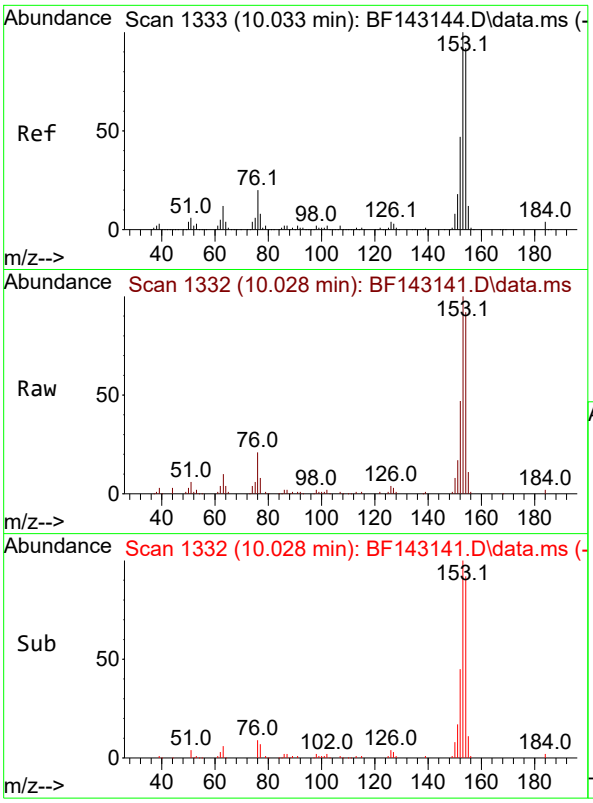


#51
2,6-Dinitrotoluene
Concen: 4.234 ng
RT: 9.763 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:165 Resp: 14787

Ion	Ratio	Lower	Upper
165	100		
63	67.1	49.4	74.2
89	67.2	46.2	69.2

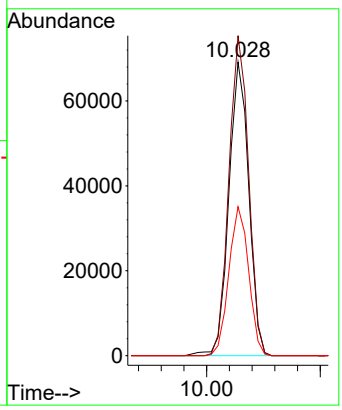




#52
Acenaphthene
Concen: 5.588 ng
RT: 10.028 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:154 Resp: 8416

Ion	Ratio	Lower	Upper
154	100		
153	109.0	86.6	129.8
152	50.7	40.4	60.6



Instrument :
BNA_F
ClientSampleId :
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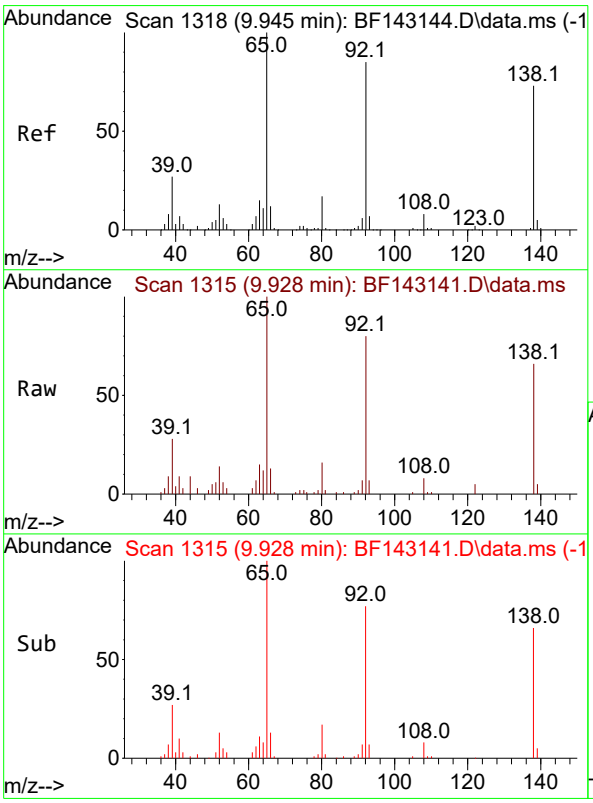
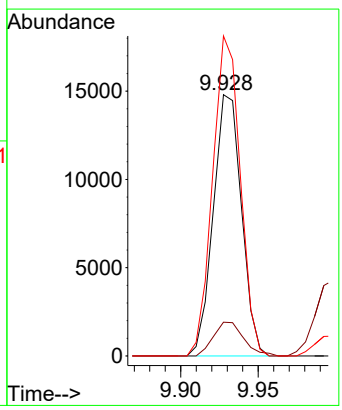
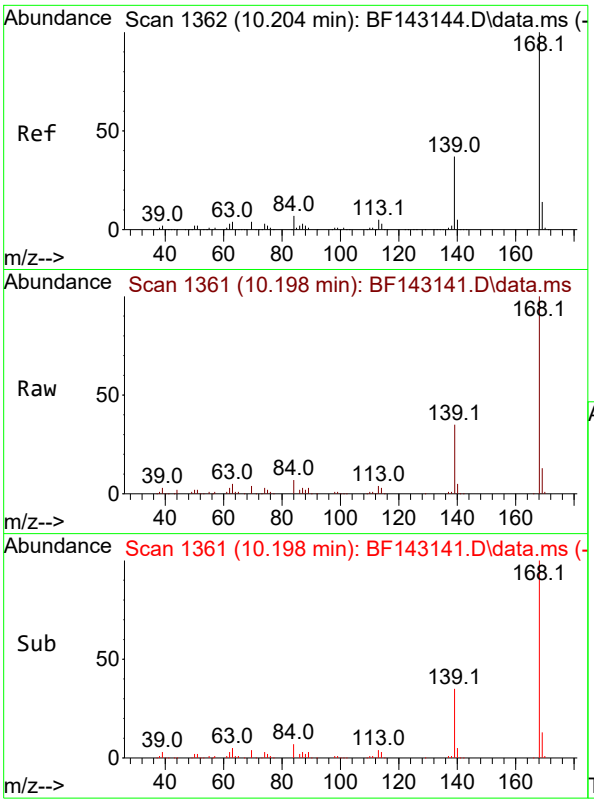


#53
3-Nitroaniline
Concen: 4.587 ng
RT: 9.928 min Scan# 1315
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:138 Resp: 18738

Ion	Ratio	Lower	Upper
138	100		
108	12.9	9.0	13.6
92	122.5	93.0	139.4

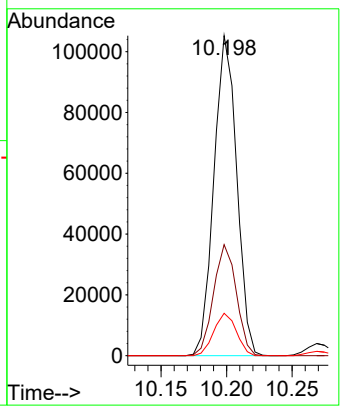




#55
Dibenzofuran
Concen: 5.681 ng
RT: 10.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:168 Resp: 12703

Ion	Ratio	Lower	Upper
168	100		
139	34.7	29.5	44.3
169	13.3	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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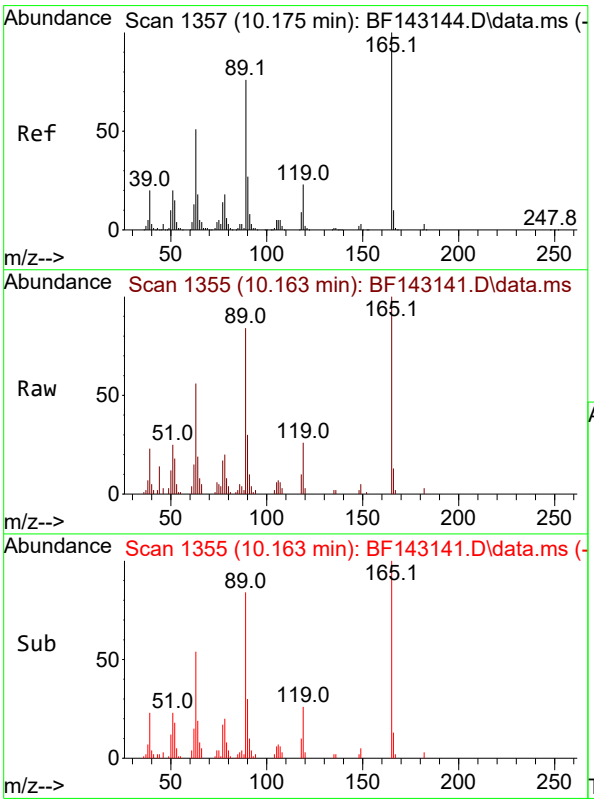
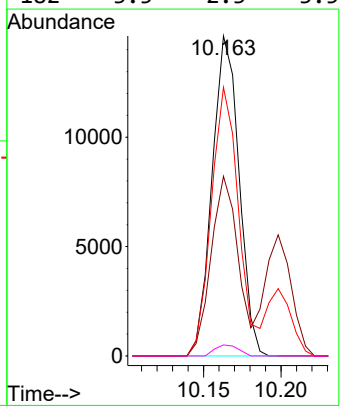
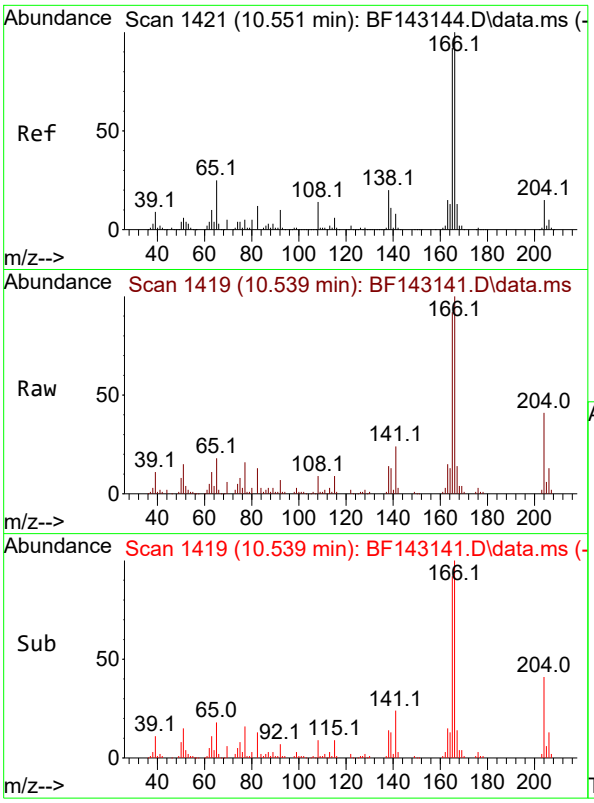


#57
2,4-Dinitrotoluene
Concen: 4.041 ng
RT: 10.163 min Scan# 1355
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:165 Resp: 17709

Ion	Ratio	Lower	Upper
165	100		
63	56.1	41.0	61.4
89	83.9	61.1	91.7
182	3.5	2.3	3.5

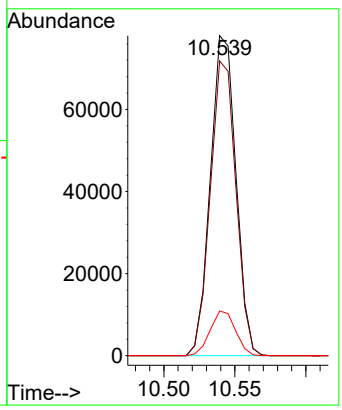




#58
Fluorene
Concen: 5.808 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:166 Resp: 9747

Ion	Ratio	Lower	Upper
166	100		
165	92.1	73.7	110.5
167	14.0	10.6	16.0



Instrument :
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ClientSampleId :
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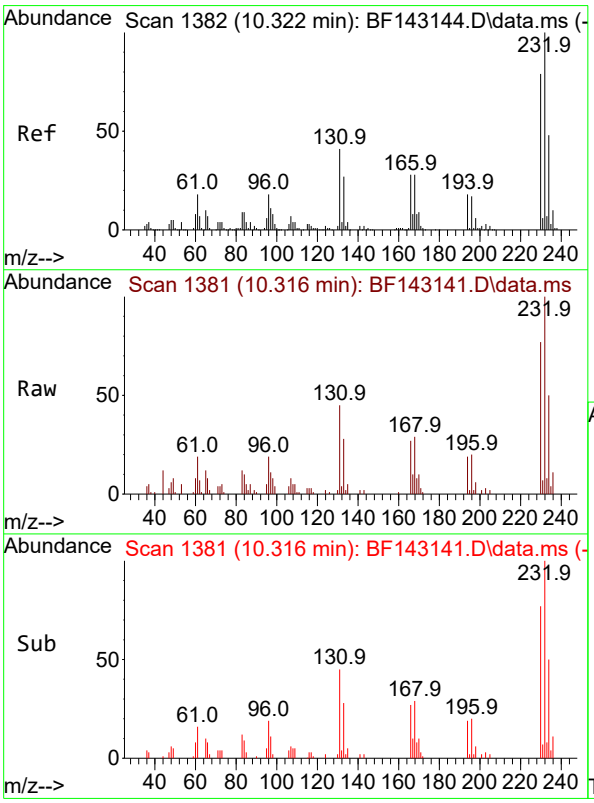
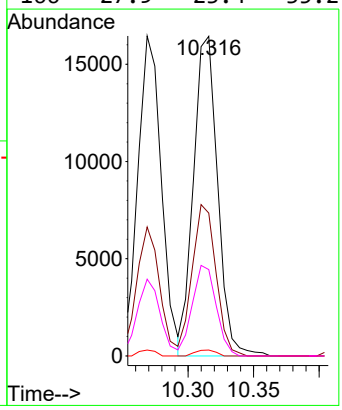
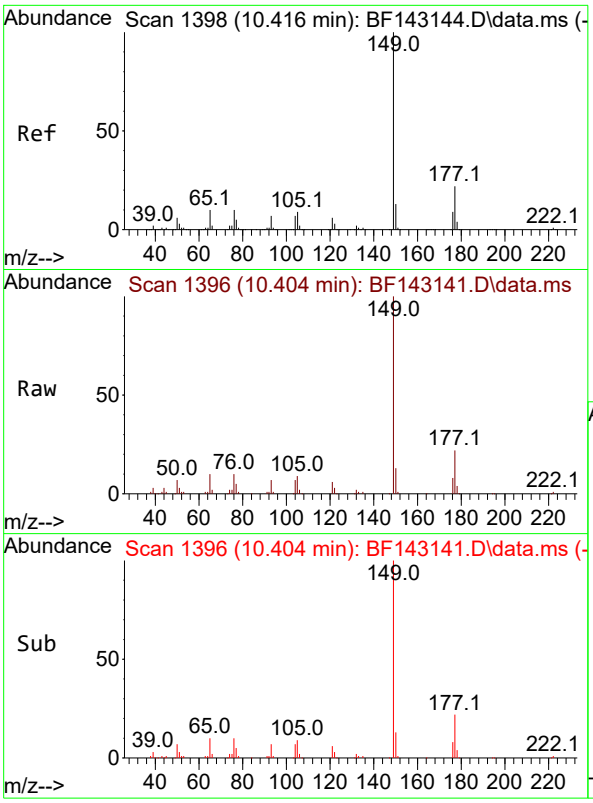


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.840 ng
RT: 10.316 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:232 Resp: 21108

Ion	Ratio	Lower	Upper
232	100		
131	46.6	35.3	52.9
130	1.6	1.7	2.5#
166	27.9	23.4	35.2

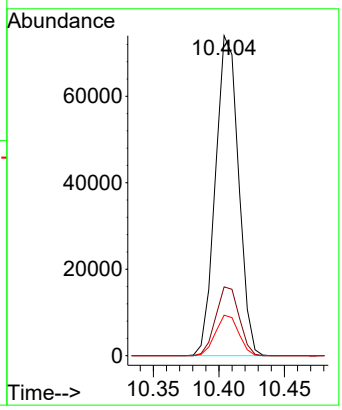




#60
Diethylphthalate
Concen: 5.342 ng
RT: 10.404 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:149 Resp: 9065

Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.5	26.3
150	12.7	10.2	15.2



Instrument :
BNA_F
ClientSampleId :
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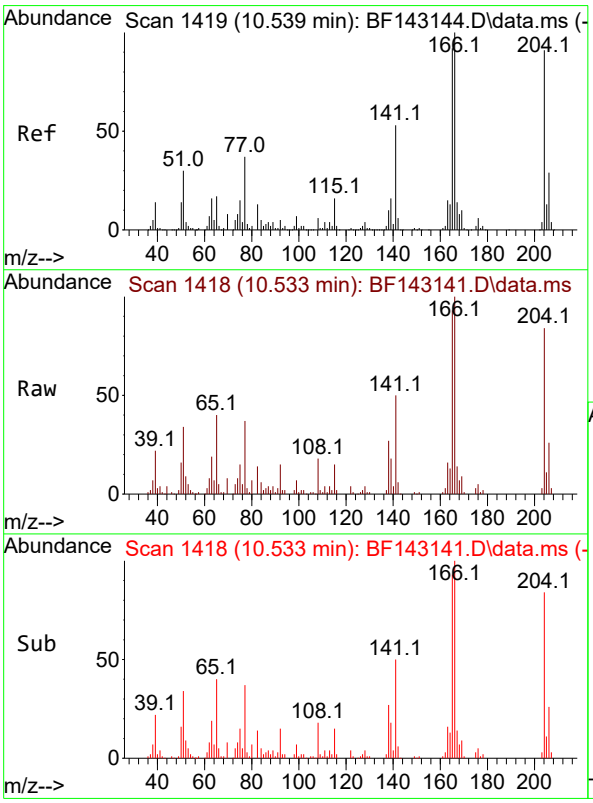
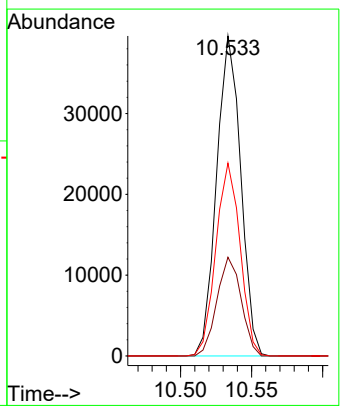
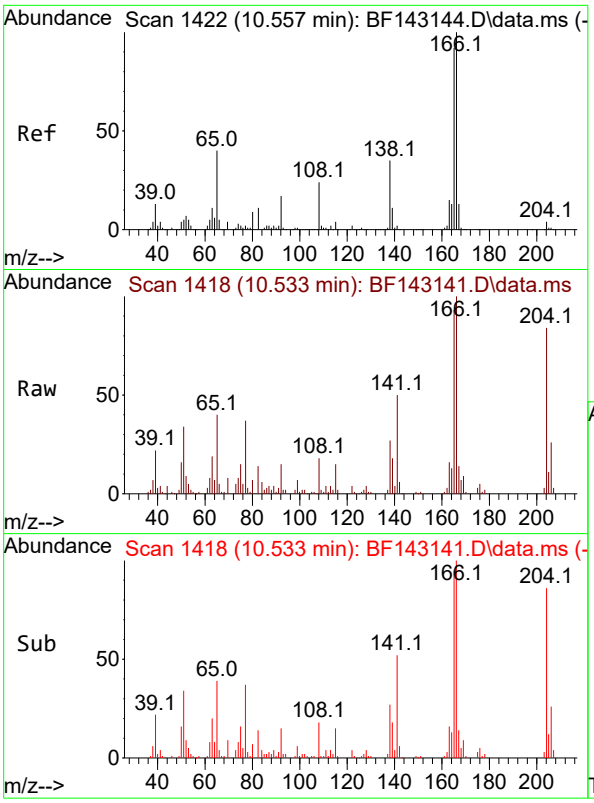


#61
4-Chlorophenyl-phenylether
Concen: 5.594 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:204 Resp: 46747

Ion	Ratio	Lower	Upper
204	100		
206	30.8	25.8	38.8
141	60.2	47.0	70.4

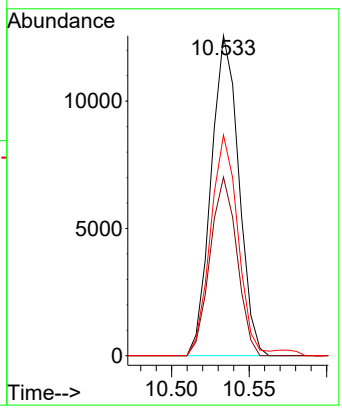




#62
4-Nitroaniline
Concen: 4.446 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.023 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:138 Resp: 1556

Ion	Ratio	Lower	Upper
138	100		
92	55.8	29.3	69.3
108	68.9	48.3	88.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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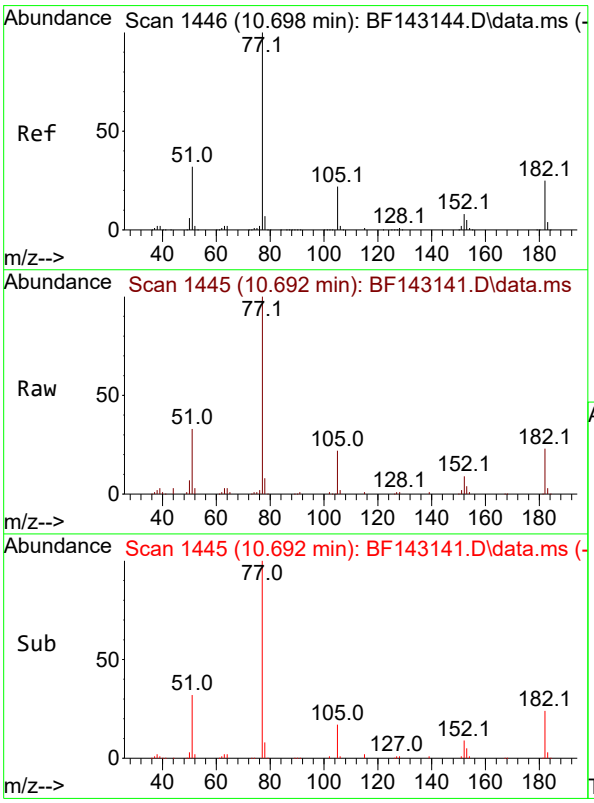
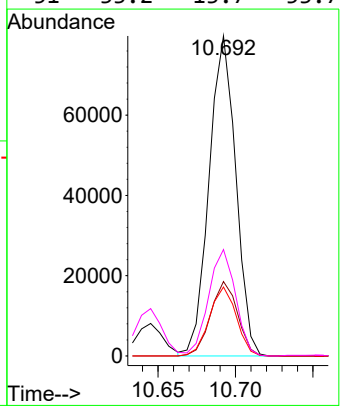
Supervised By :Jagrut Upadhyay 07/18/2025

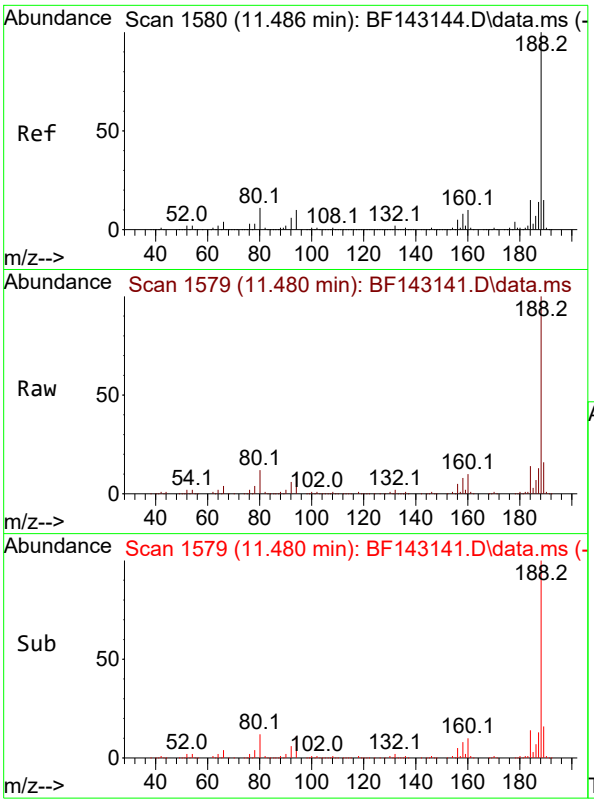


#63
Azobenzene
Concen: 5.405 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 77 Resp: 95602

Ion	Ratio	Lower	Upper
77	100		
182	23.2	4.6	44.6
105	21.5	1.4	41.4
51	33.2	13.7	53.7

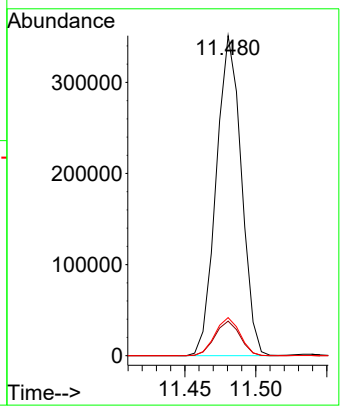




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:188 Resp: 43232

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.3	12.5
80	11.9	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
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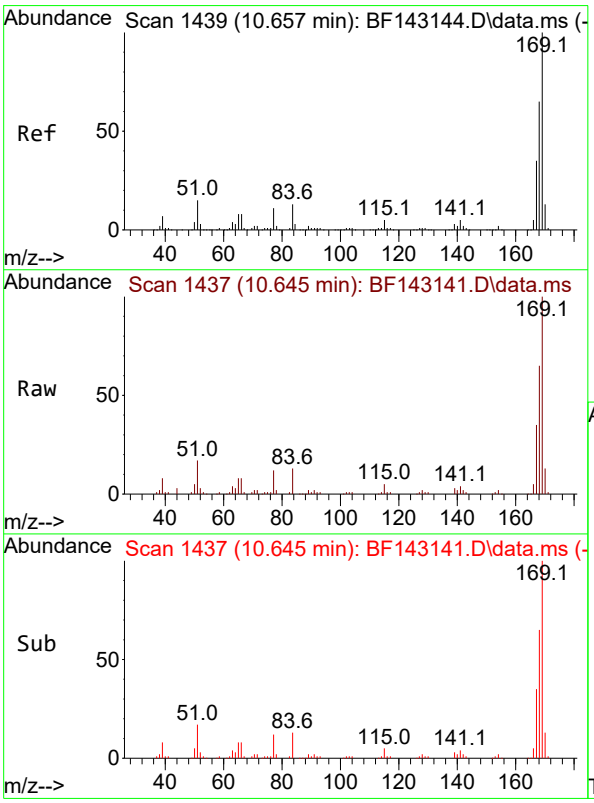
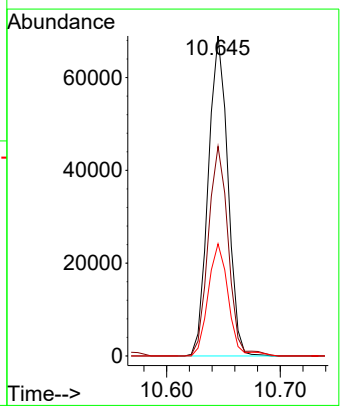
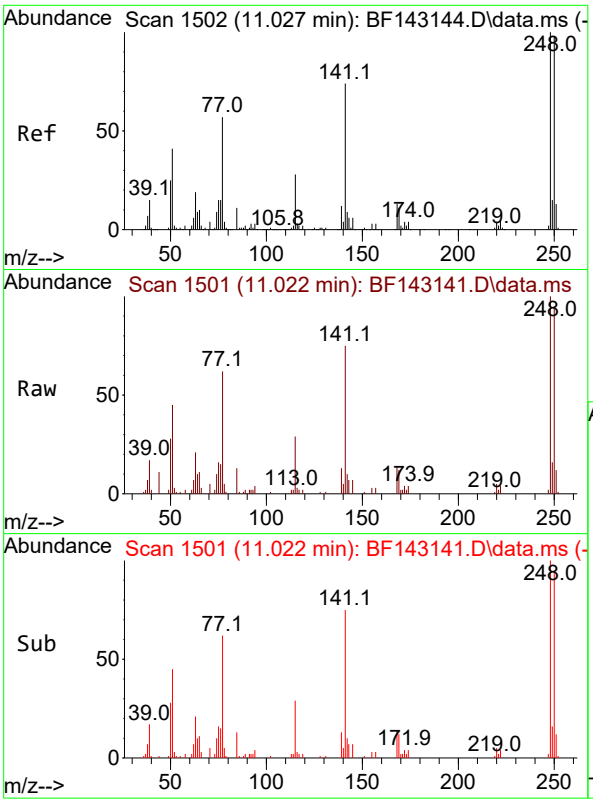


#66
n-Nitrosodiphenylamine
Concen: 5.405 ng
RT: 10.645 min Scan# 1437
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:169 Resp: 82281

Ion	Ratio	Lower	Upper
169	100		
168	65.5	52.1	78.1
167	35.1	28.2	42.2

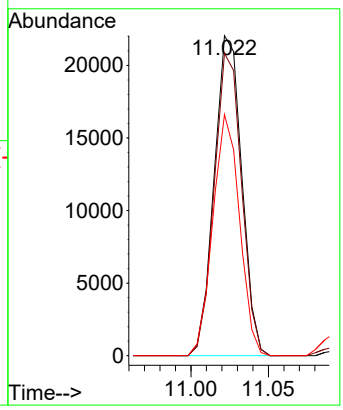




#67
4-Bromophenyl-phenylether
Concen: 5.291 ng
RT: 11.022 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:248 Resp: 2725

Ion	Ratio	Lower	Upper
248	100		
250	94.5	78.3	117.5
141	75.4	59.2	88.8



Instrument :
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ClientSampleId :
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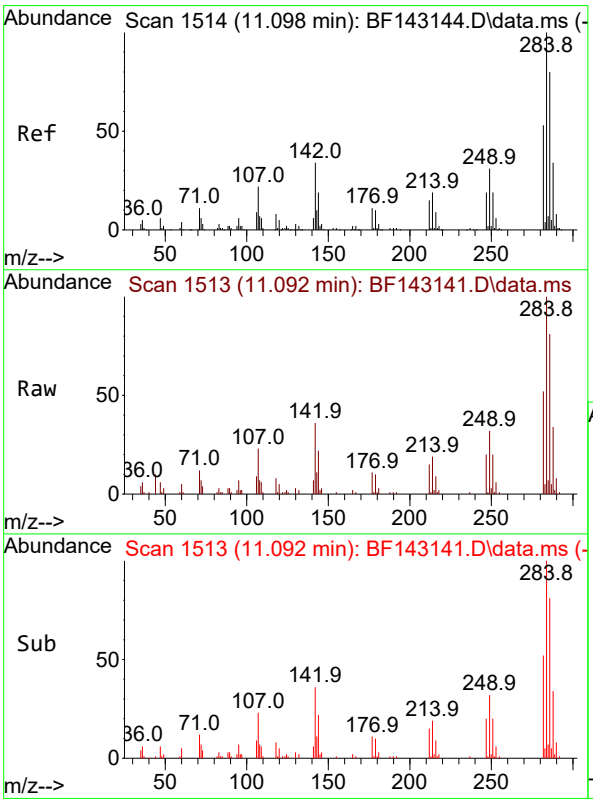
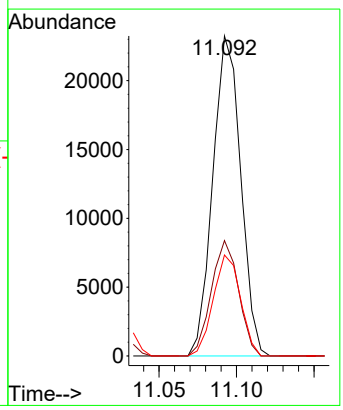
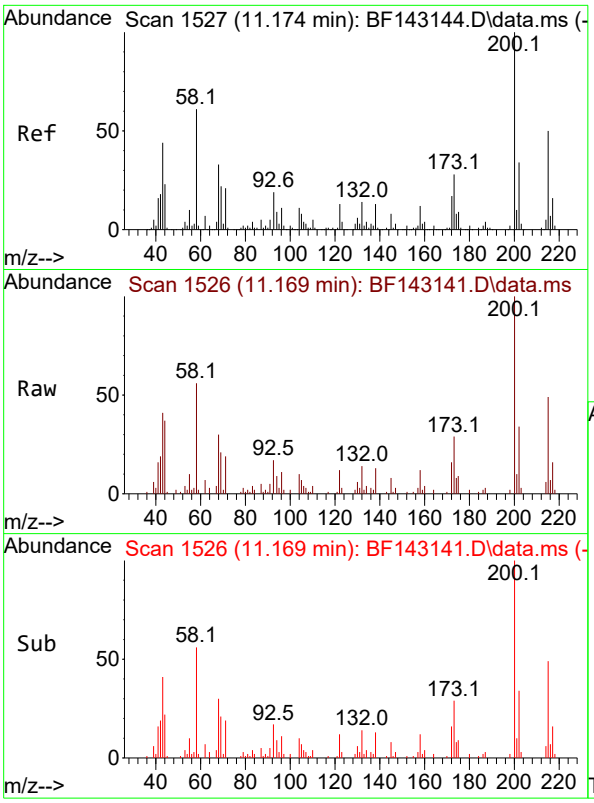


#68
Hexachlorobenzene
Concen: 5.395 ng
RT: 11.092 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:284 Resp: 29052

Ion	Ratio	Lower	Upper
284	100		
142	36.1	27.0	40.6
249	31.5	25.0	37.6

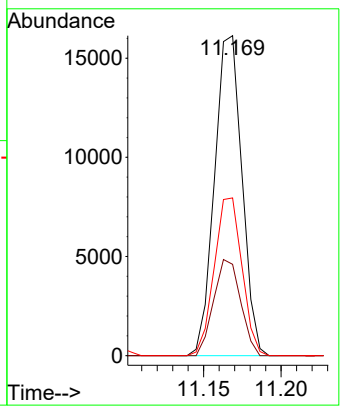




#69
Atrazine
Concen: 4.733 ng
RT: 11.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:200 Resp: 1986

Ion	Ratio	Lower	Upper
200	100		
173	28.5	7.9	47.9
215	49.3	30.1	70.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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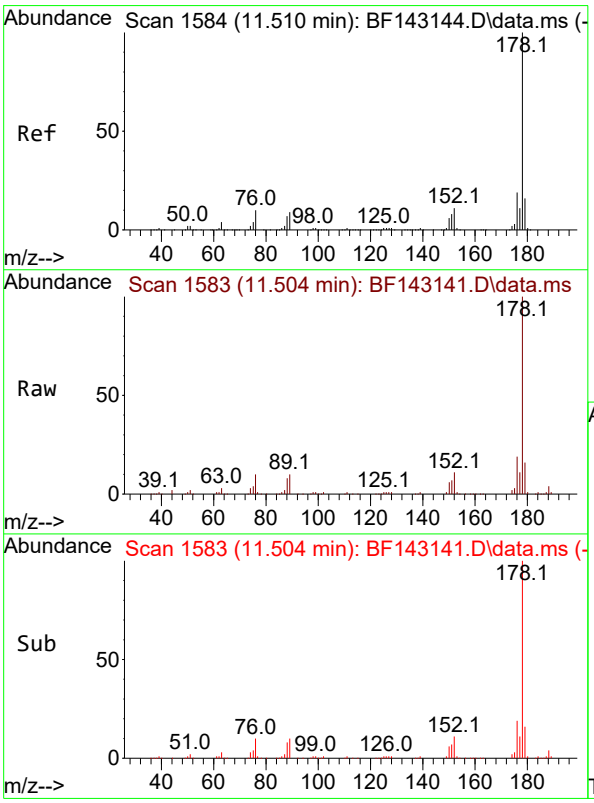
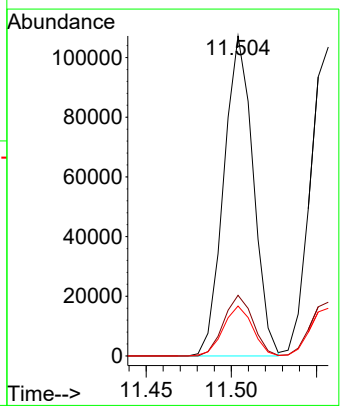
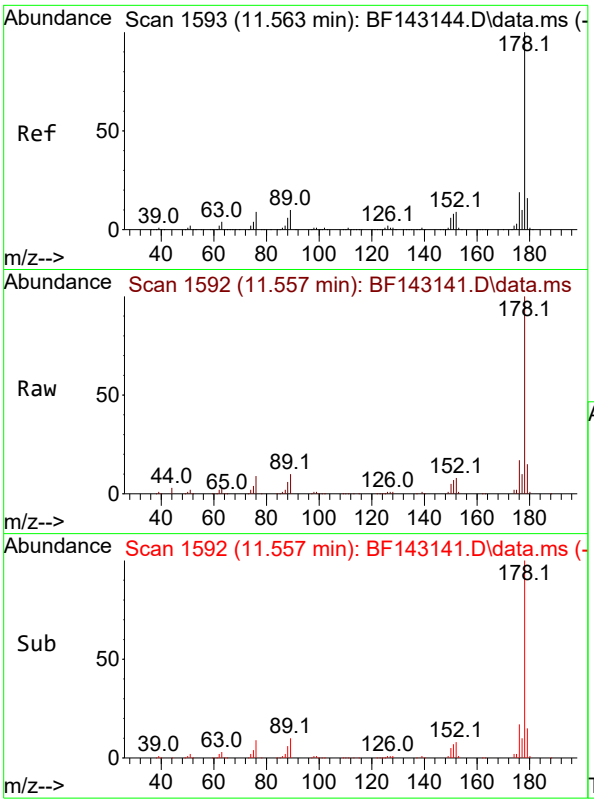


#71
Phenanthrene
Concen: 5.609 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:178 Resp: 128762

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.6	12.5	18.7

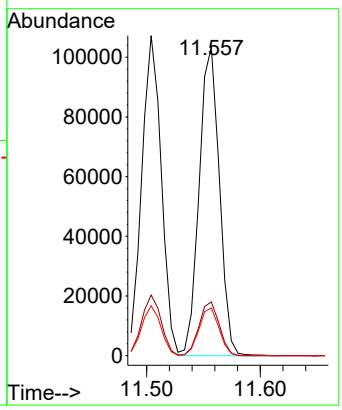




#72
Anthracene
Concen: 5.465 ng
RT: 11.557 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:178 Resp: 12793

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.0	22.4
179	15.4	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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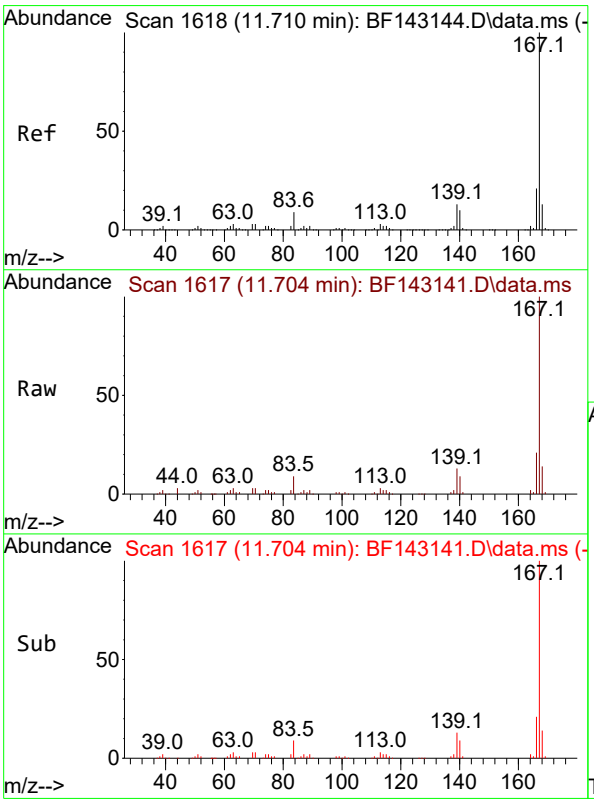
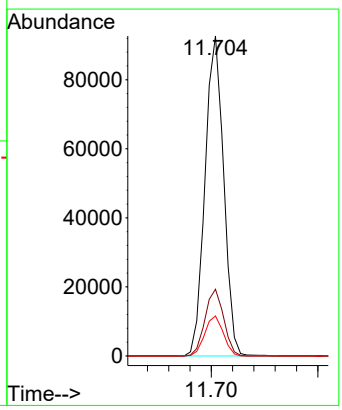
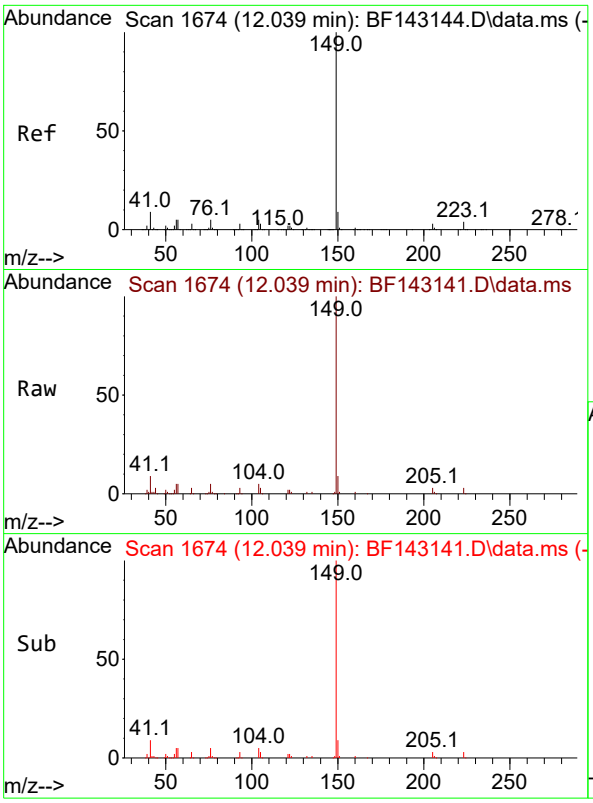


#73
Carbazole
Concen: 5.507 ng
RT: 11.704 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:167 Resp: 112588

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.6
139	12.5	10.0	15.0

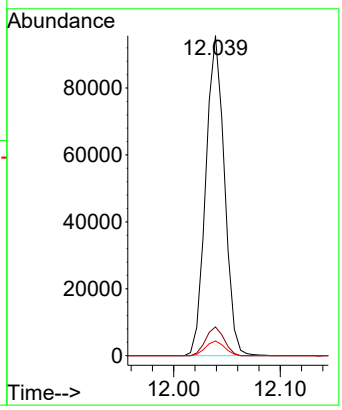




#74
Di-n-butylphthalate
Concen: 5.027 ng
RT: 12.039 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:149 Resp: 11629

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.2
104	4.6	3.8	5.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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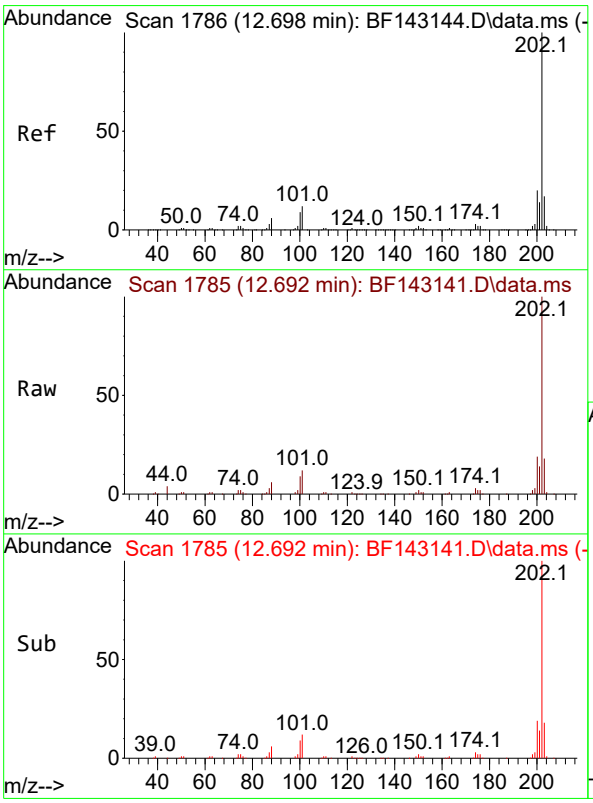
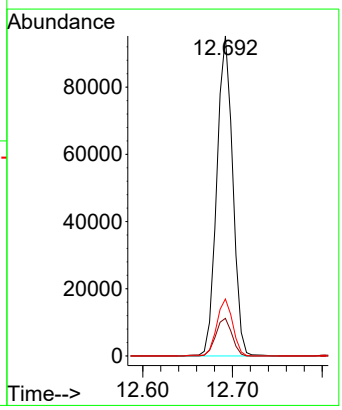
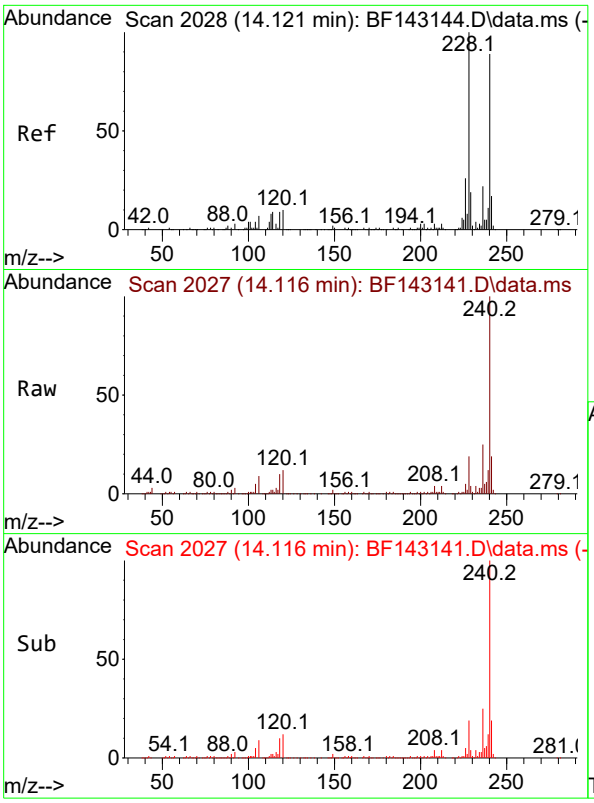


#75
Fluoranthene
Concen: 5.565 ng
RT: 12.692 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:202 Resp: 117249

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.7
203	17.8	0.0	37.4

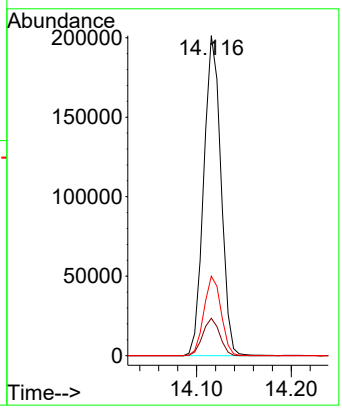




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:240 Resp: 25300

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.4	14.2
236	24.9	20.2	30.4



Instrument :
BNA_F
ClientSampleId :
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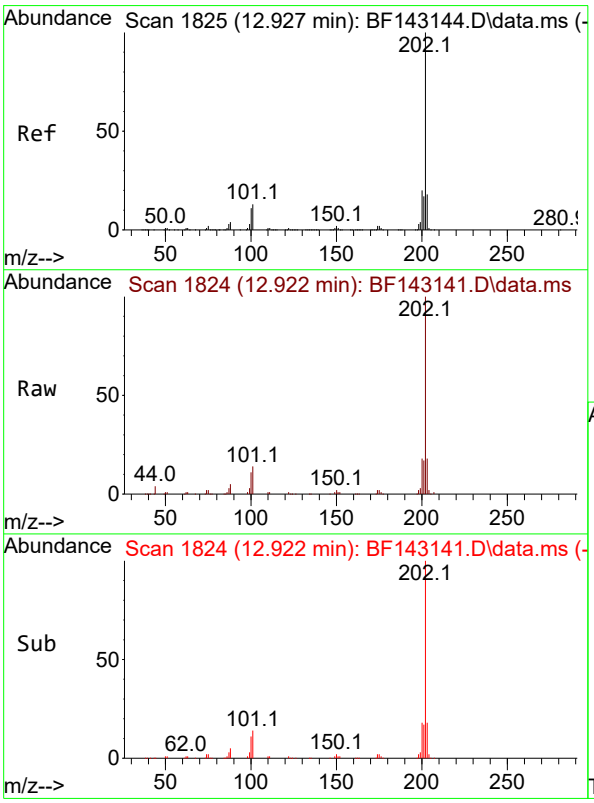
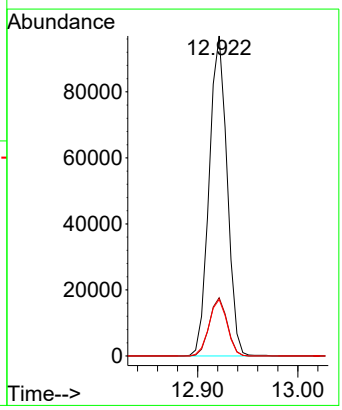
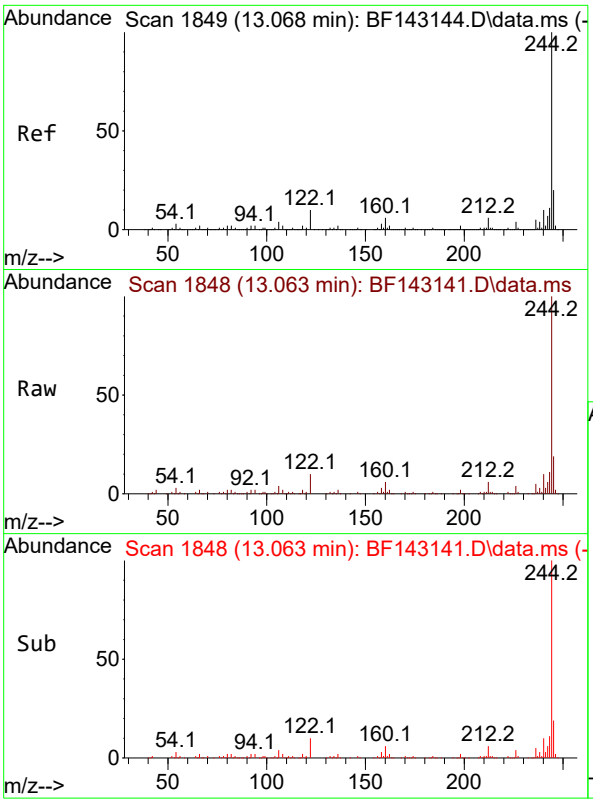


#78
Pyrene
Concen: 5.593 ng
RT: 12.922 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:202 Resp: 120767

Ion	Ratio	Lower	Upper
202	100		
200	18.2	15.7	23.5
203	17.6	14.2	21.2

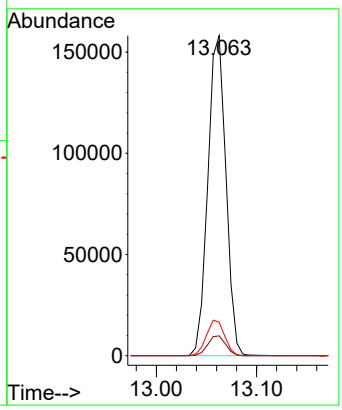




#79
Terphenyl-d14
Concen: 11.656 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:244 Resp: 19816

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.2	7.8
122	10.5	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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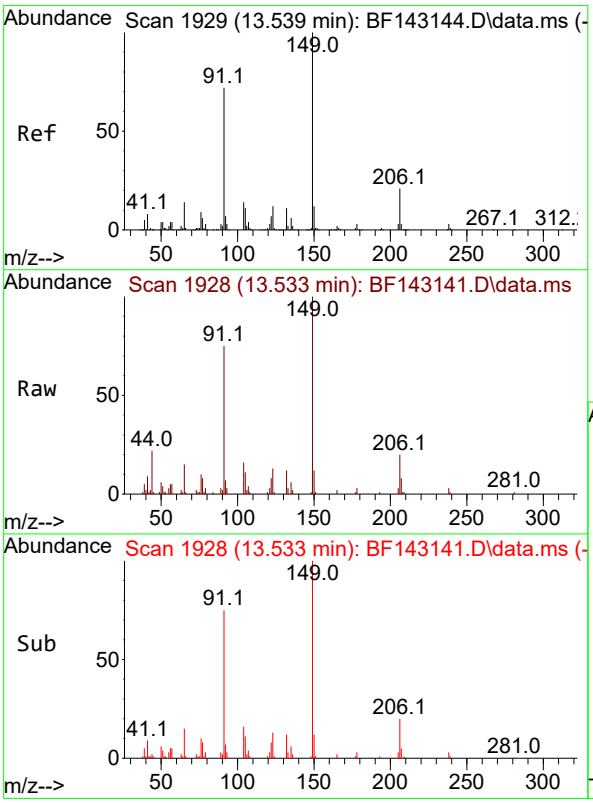
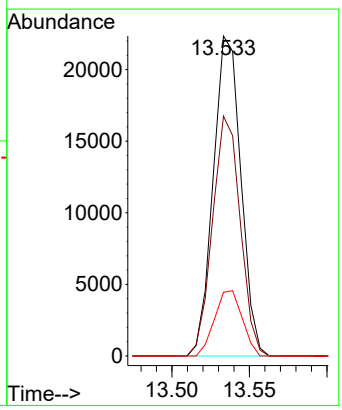
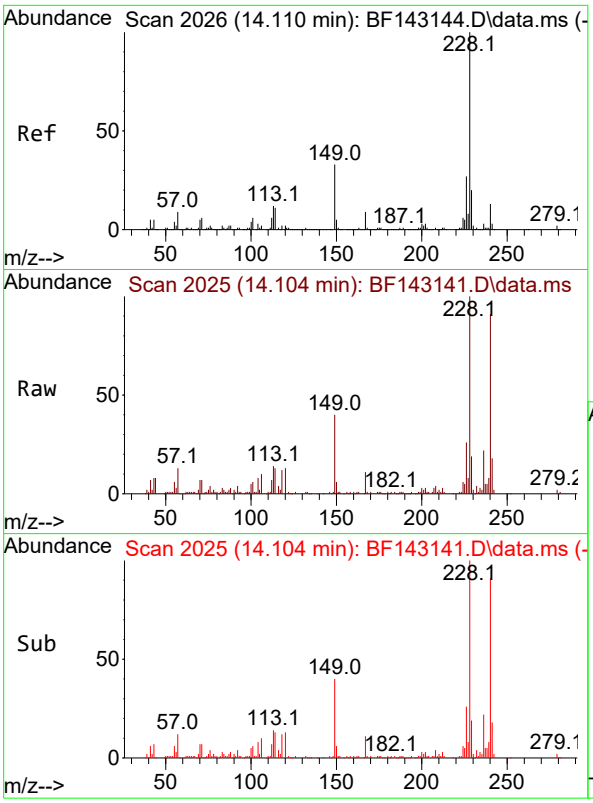


#80
Butylbenzylphthalate
Concen: 4.189 ng
RT: 13.533 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:149 Resp: 27699

Ion	Ratio	Lower	Upper
149	100		
91	74.9	57.9	86.9
206	19.9	17.0	25.4

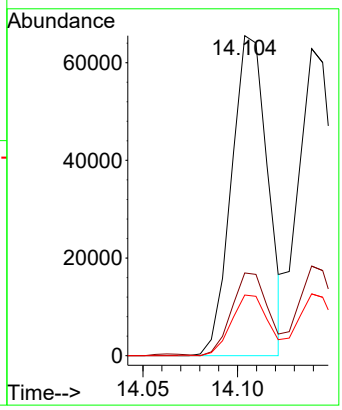




#81
Benzo(a)anthracene
Concen: 5.131 ng
RT: 14.104 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:228 Resp: 8692

Ion	Ratio	Lower	Upper
228	100		
226	25.8	21.7	32.5
229	19.0	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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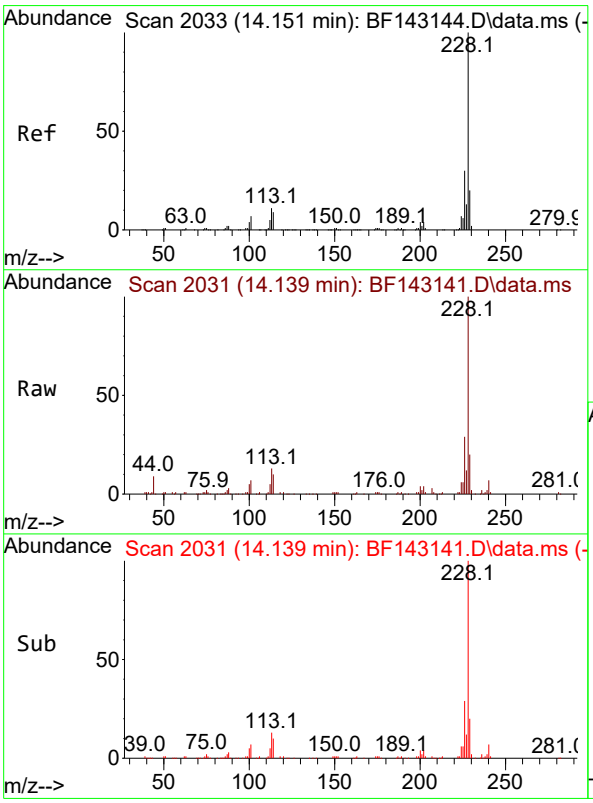
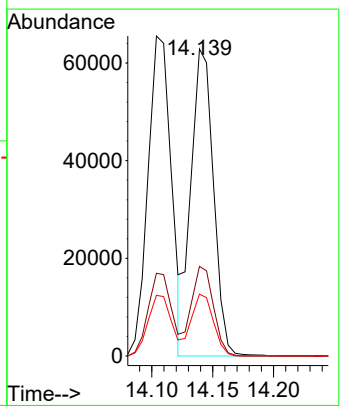
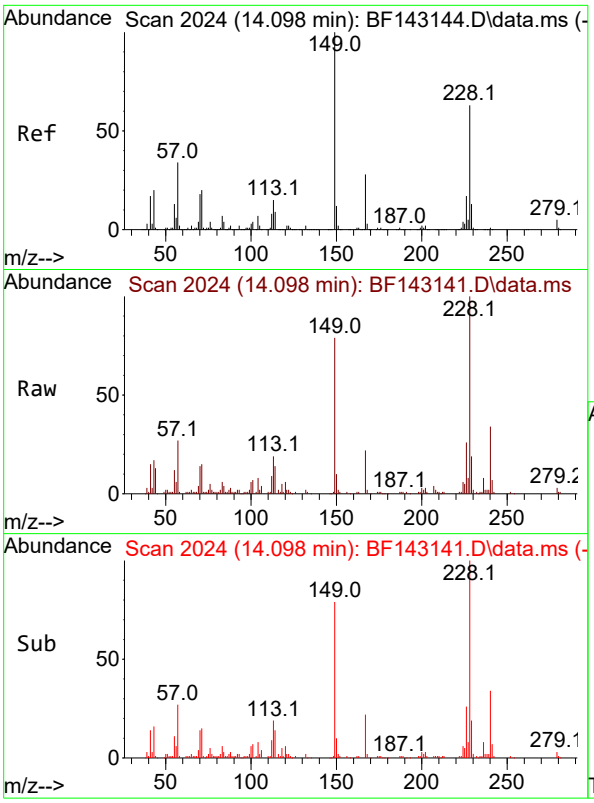


#83
Chrysene
Concen: 5.325 ng
RT: 14.139 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:228 Resp: 81091

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.8	35.8
229	20.1	15.6	23.4

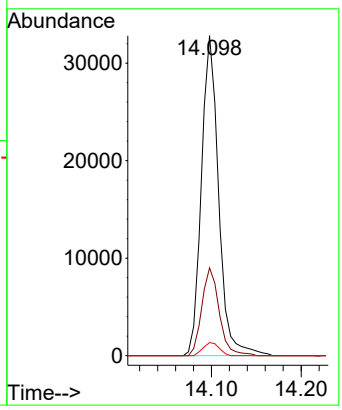




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.370 ng
RT: 14.098 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:149 Resp: 4373

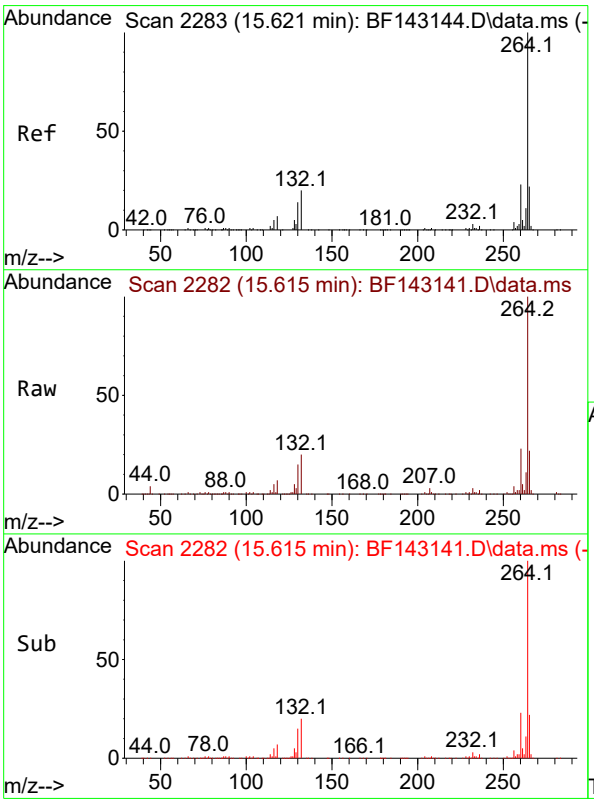
Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.3	33.5
279	4.1	3.6	5.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

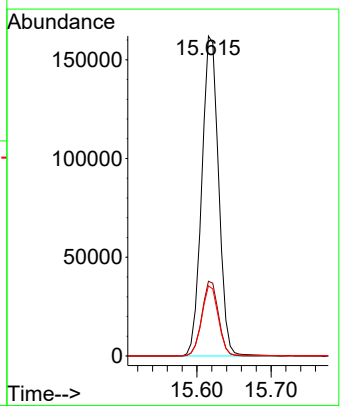
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

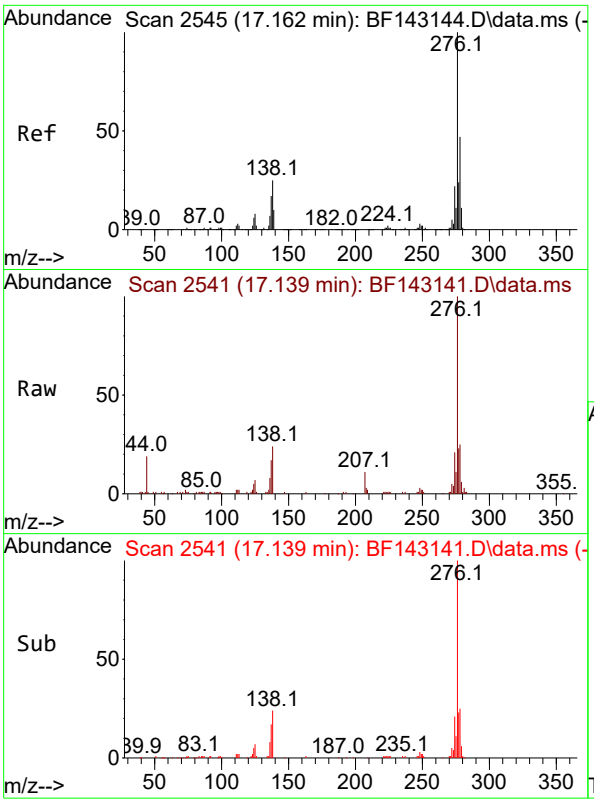


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:264 Resp: 255898

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.9	17.4	26.2

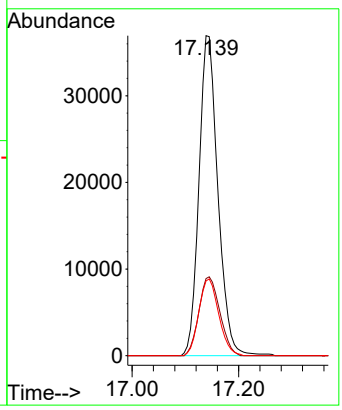




#87
Indeno(1,2,3-cd)pyrene
Concen: 5.047 ng
RT: 17.139 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:276 Resp: 9107

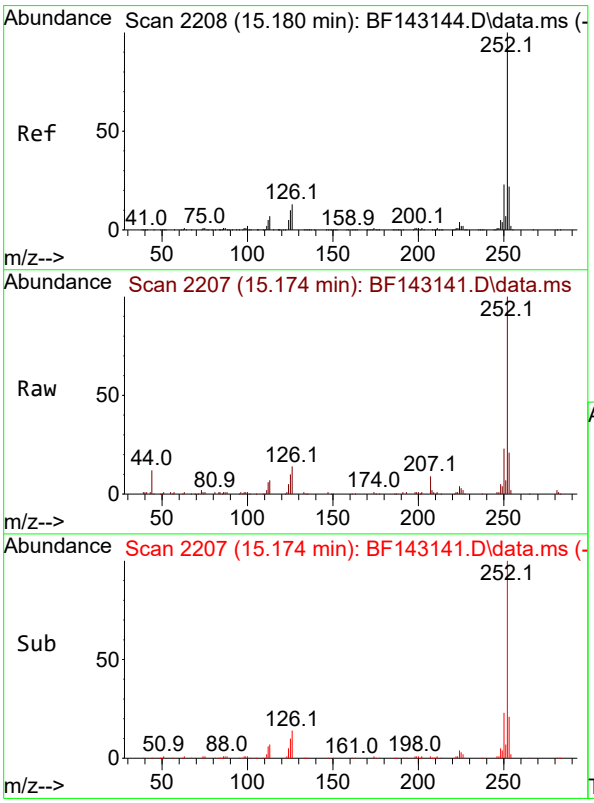
Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.8	32.6
277	25.2	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

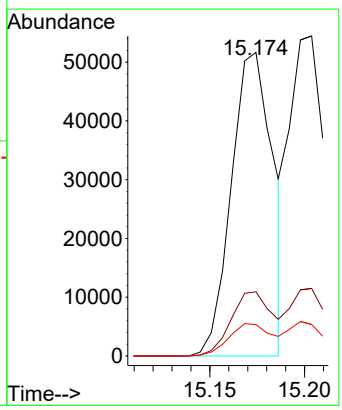
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

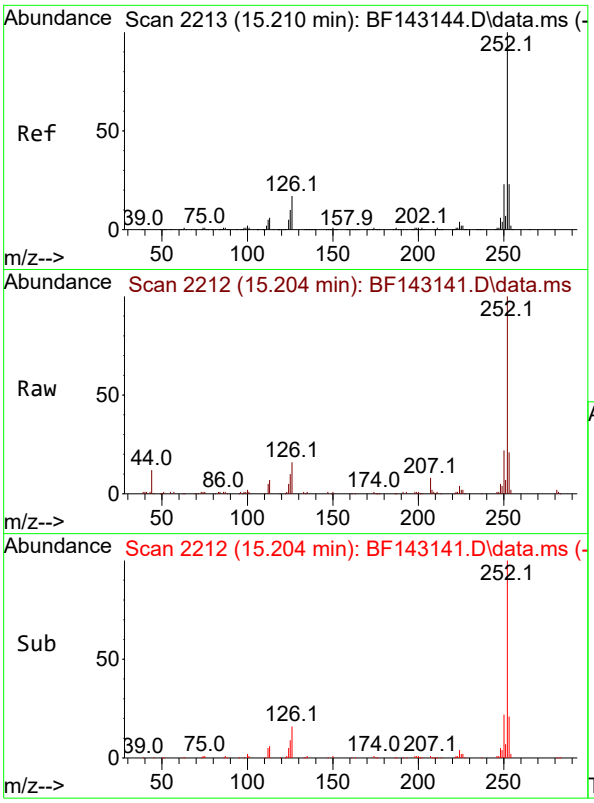


#88
Benzo(b)fluoranthene
Concen: 5.037 ng
RT: 15.174 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:252 Resp: 78749

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.5	26.3
125	10.3	8.0	12.0

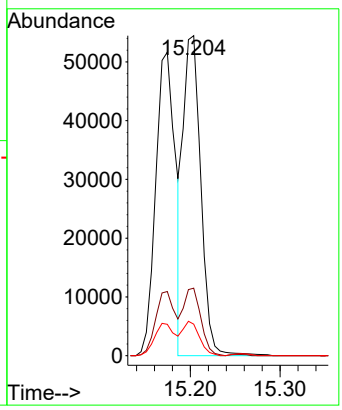




#89
Benzo(k)fluoranthene
Concen: 5.358 ng
RT: 15.204 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:252 Resp: 7473

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.8	26.6
125	9.9	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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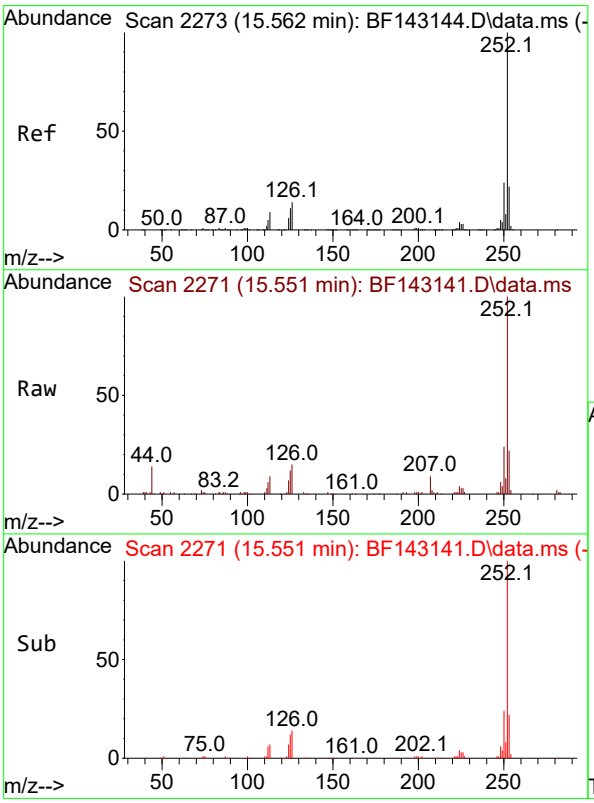
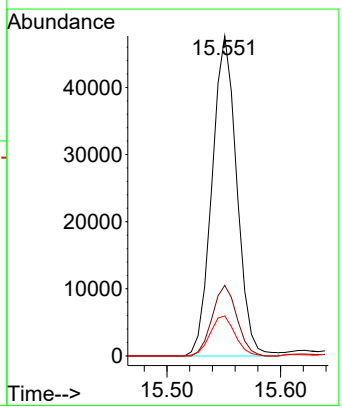
Supervised By :Jagrut Upadhyay 07/18/2025

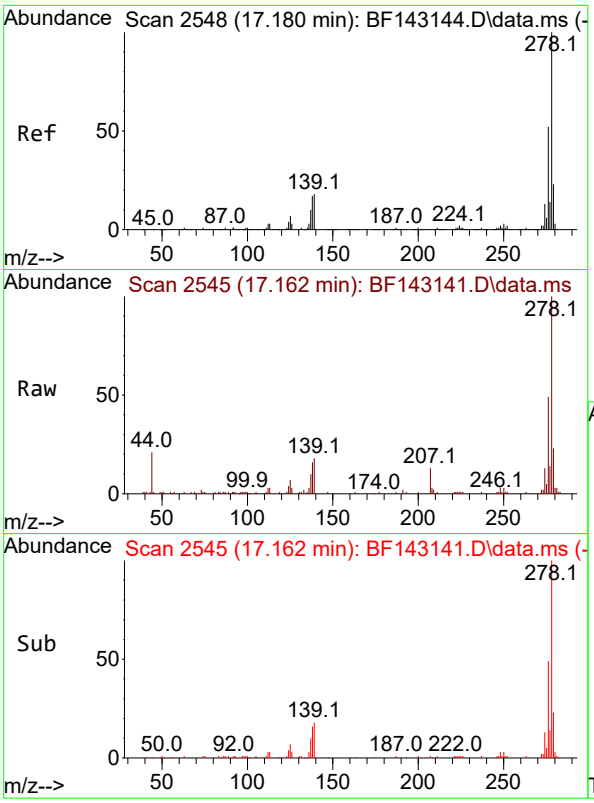


#90
Benzo(a)pyrene
Concen: 5.012 ng
RT: 15.551 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:252 Resp: 72196

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	12.5	8.6	13.0

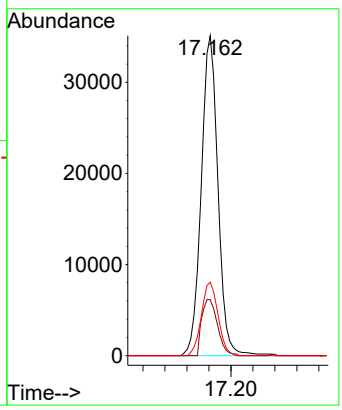




#91
Dibenzo(a,h)anthracene
Concen: 5.047 ng
RT: 17.162 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:278 Resp: 7412

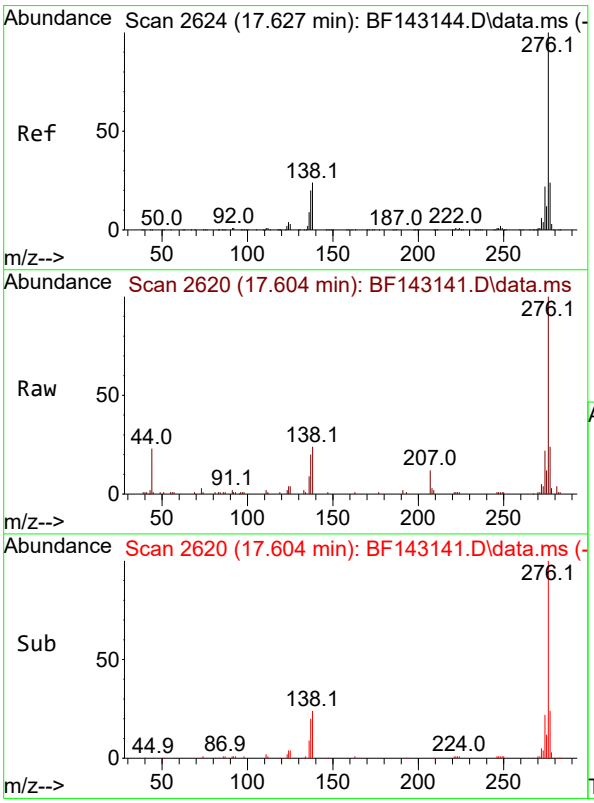
Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.1	21.1
279	22.9	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

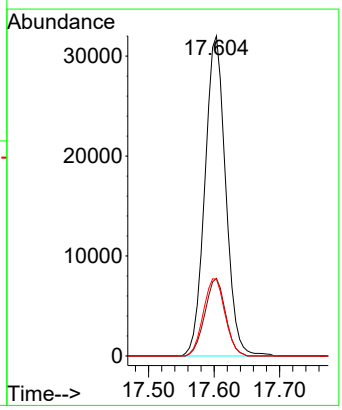
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#92
Benzo(g,h,i)perylene
Concen: 4.955 ng
RT: 17.604 min Scan# 2620
Delta R.T. -0.023 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:276 Resp: 70403

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.1	28.7
138	24.0	18.9	28.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143142.D
Acq On : 17 Jul 2025 12:04
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:01:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	140410	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	545730	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	282580	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	461255	20.000	ng		0.00
76) Chrysene-d12	14.116	240	254650	20.000	ng		0.00
86) Perylene-d12	15.621	264	273706	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	184363	20.778	ng		0.00
7) Phenol-d6	6.569	99	230206	20.613	ng		-0.02
23) Nitrobenzene-d5	7.510	82	215086m	19.646	ng		-0.01
42) 2,4,6-Tribromophenol	10.780	330	56961	19.512	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	464669	22.489	ng		0.00
79) Terphenyl-d14	13.063	244	370808	21.669	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	40860	9.732	ng		98
3) Pyridine	3.587	79	109317	10.032	ng		100
4) n-Nitrosodimethylamine	3.510	42	54487	9.684	ng		98
6) Aniline	6.616	93	158580	10.188	ng		99
8) 2-Chlorophenol	6.740	128	94265	10.135	ng		98
9) Benzaldehyde	6.510	77	81897	9.779	ng		100
10) Phenol	6.587	94	124080m	10.198	ng		
11) bis(2-Chloroethyl)ether	6.687	93	94260	10.119	ng		99
12) 1,3-Dichlorobenzene	6.904	146	106226	10.514	ng		97
13) 1,4-Dichlorobenzene	6.981	146	106581	10.475	ng		99
14) 1,2-Dichlorobenzene	7.134	146	99226	10.253	ng		99
15) Benzyl Alcohol	7.087	79	85240	9.996	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.234	45	179226	10.371	ng		99
17) 2-Methylphenol	7.198	107	78001	9.974	ng		99
18) Hexachloroethane	7.481	117	34985	9.932	ng		99
19) n-Nitroso-di-n-propyla...	7.357	70	73815	10.302	ng		97
20) 3+4-Methylphenols	7.345	107	103018	10.858	ng		91
22) Acetophenone	7.357	105	137532	10.645	ng	#	98
24) Nitrobenzene	7.534	77	100837	9.879	ng		98
25) Isophorone	7.769	82	192895	9.981	ng		100
26) 2-Nitrophenol	7.851	139	38451	8.680	ng		96
27) 2,4-Dimethylphenol	7.881	122	92724	10.269	ng		98
28) bis(2-Chloroethoxy)met...	7.981	93	119320	10.297	ng		98
29) 2,4-Dichlorophenol	8.087	162	76847	10.091	ng		98
30) 1,2,4-Trichlorobenzene	8.181	180	83842	10.191	ng		100
31) Naphthalene	8.263	128	283107	10.534	ng		99
32) Benzoic acid	7.928	122	28431m	10.113	ng		
33) 4-Chloroaniline	8.304	127	113797	10.369	ng		100
34) Hexachlorobutadiene	8.386	225	51715	10.290	ng		99
35) Caprolactam	8.634	113	21157	9.194	ng		95
36) 4-Chloro-3-methylphenol	8.775	107	84647	10.227	ng		98
37) 2-Methylnaphthalene	8.951	142	172865	10.570	ng		100
38) 1-Methylnaphthalene	9.051	142	177917	10.564	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	84494	10.357	ng		99
41) Hexachlorocyclopentadiene	9.116	237	47577	8.963	ng		99
43) 2,4,6-Trichlorophenol	9.228	196	57396	10.165	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143142.D
Acq On : 17 Jul 2025 12:04
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 17 15:01:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.257	196	54716	9.688	ng		97
46) 1,1'-Biphenyl	9.416	154	235467	10.680	ng		100
47) 2-Chloronaphthalene	9.439	162	172831	10.595	ng		98
48) 2-Nitroaniline	9.528	65	47055	9.198	ng		99
49) Acenaphthylene	9.857	152	289989	10.607	ng		98
50) Dimethylphthalate	9.704	163	189399	10.283	ng		99
51) 2,6-Dinitrotoluene	9.763	165	35364	9.438	ng		93
52) Acenaphthene	10.028	154	168698	10.440	ng		99
53) 3-Nitroaniline	9.933	138	42367	9.667	ng		97
54) 2,4-Dinitrophenol	10.033	184	7147	10.522	ng	#	1
55) Dibenzofuran	10.198	168	255272	10.641	ng		99
56) 4-Nitrophenol	10.075	139	28233	8.627	ng		98
57) 2,4-Dinitrotoluene	10.169	165	41815	8.895	ng		98
58) Fluorene	10.545	166	198041	10.999	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.316	232	46720	9.986	ng		99
60) Diethylphthalate	10.410	149	186802	10.261	ng		99
61) 4-Chlorophenyl-phenyle...	10.533	204	94685	10.561	ng		97
62) 4-Nitroaniline	10.539	138	35962	9.574	ng		98
63) Azobenzene	10.692	77	197998	10.435	ng		99
65) 4,6-Dinitro-2-methylph...	10.575	198	12541	10.014	ng		94
66) n-Nitrosodiphenylamine	10.645	169	167901	10.337	ng		100
67) 4-Bromophenyl-phenylether	11.022	248	54849	9.978	ng		97
68) Hexachlorobenzene	11.092	284	57305	9.974	ng		97
69) Atrazine	11.169	200	43045	9.613	ng		98
70) Pentachlorophenol	11.280	266	27529	8.148	ng		99
71) Phenanthrene	11.504	178	253750	10.361	ng		99
72) Anthracene	11.557	178	261960	10.487	ng		99
73) Carbazole	11.704	167	223376	10.241	ng		100
74) Di-n-butylphthalate	12.039	149	243142	9.852	ng		100
75) Fluoranthene	12.692	202	227701	10.129	ng		99
77) Benzidine	12.804	184	96484	9.834	ng		99
78) Pyrene	12.922	202	227008	10.445	ng		100
80) Butylbenzylphthalate	13.539	149	60055	9.024	ng		98
81) Benzo(a)anthracene	14.110	228	174020	10.207	ng		99
82) 3,3'-Dichlorobenzidine	14.063	252	55694	9.802	ng		97
83) Chrysene	14.145	228	149446	9.750	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	96191	9.549	ng		97
85) Di-n-octyl phthalate	14.710	149	162156	8.881	ng		99
87) Indeno(1,2,3-cd)pyrene	17.145	276	182869	9.475	ng		99
88) Benzo(b)fluoranthene	15.174	252	155430	9.296	ng		99
89) Benzo(k)fluoranthene	15.204	252	157663	10.567	ng		100
90) Benzo(a)pyrene	15.551	252	150853	9.792	ng		99
91) Dibenzo(a,h)anthracene	17.162	278	150977	9.611	ng		100
92) Benzo(g,h,i)perylene	17.609	276	143342	9.433	ng		99

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

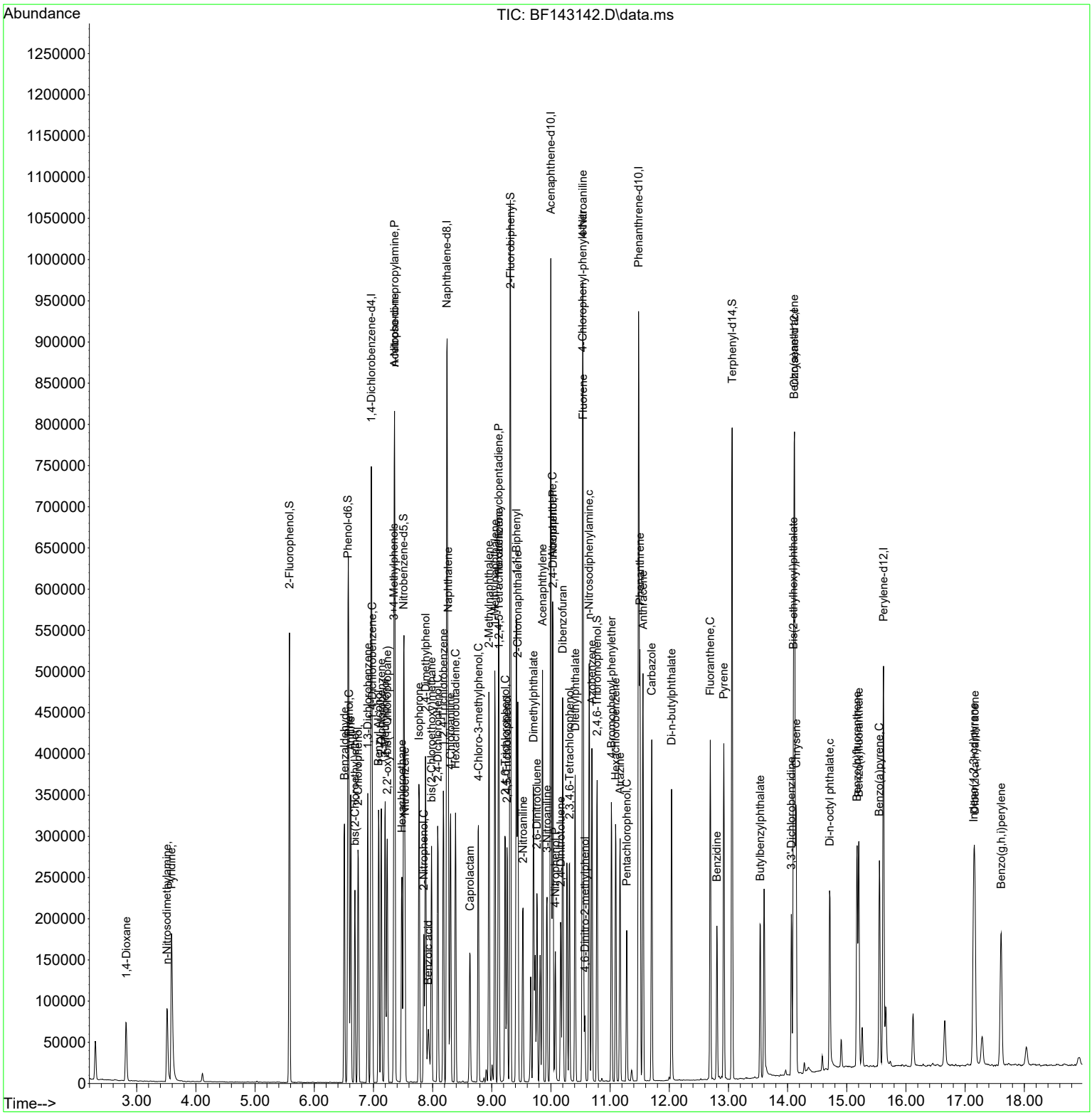
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143142.D
Acq On : 17 Jul 2025 12:04
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

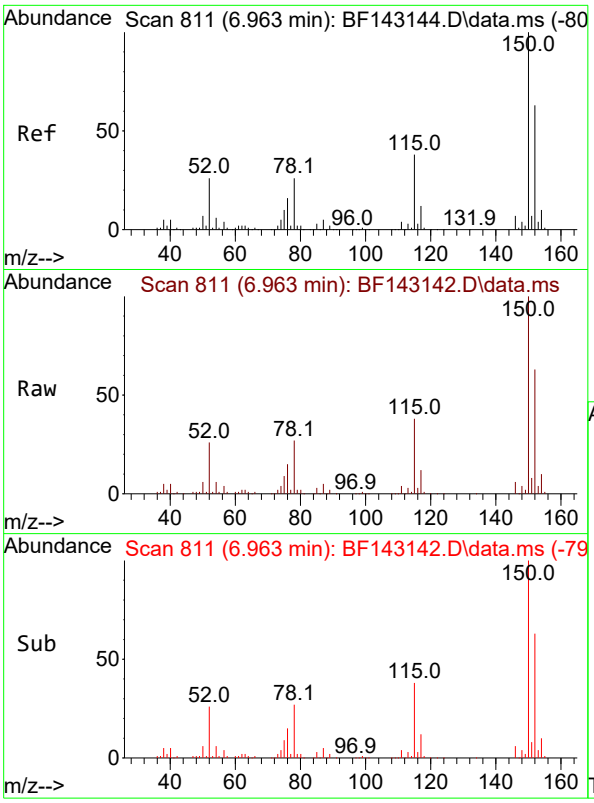
Quant Time: Jul 17 15:01:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

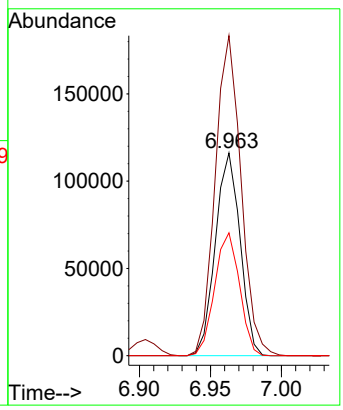




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:152 Resp: 14041

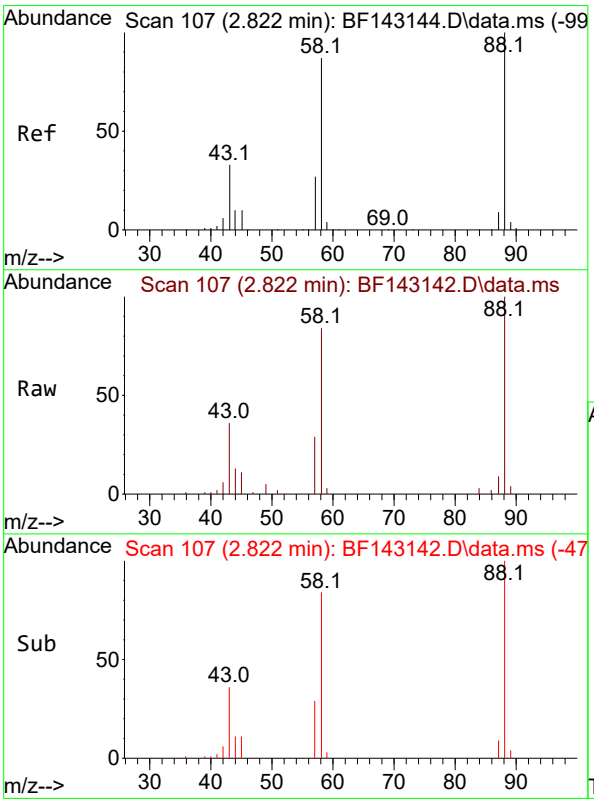
Ion	Ratio	Lower	Upper
152	100		
150	157.8	128.2	192.4
115	60.6	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

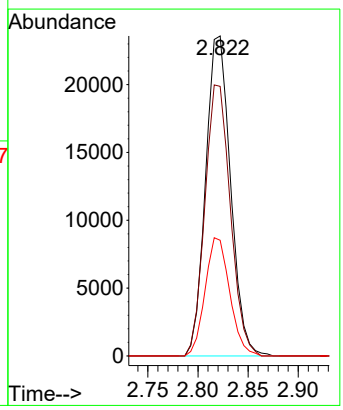
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

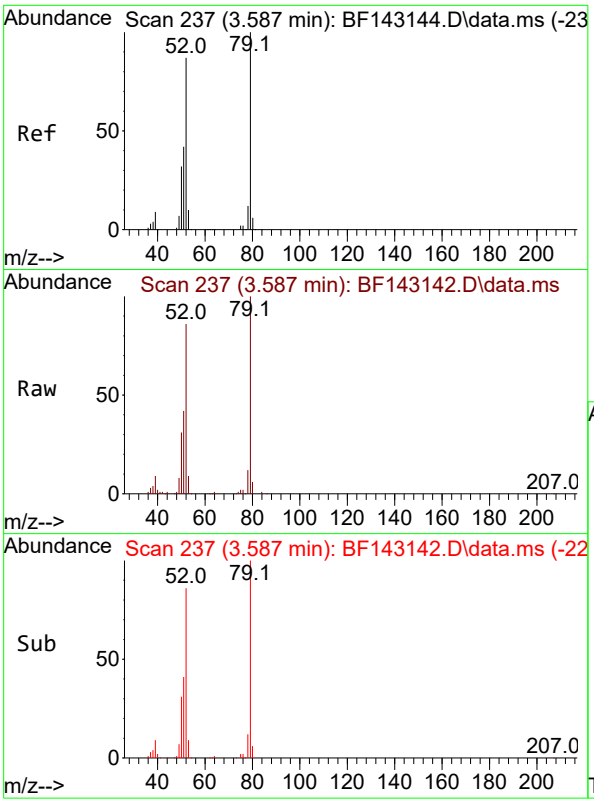


#2
1,4-Dioxane
Concen: 9.732 ng
RT: 2.822 min Scan# 107
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 88 Resp: 40860

Ion	Ratio	Lower	Upper
88	100		
58	86.6	70.2	105.2
43	36.5	27.1	40.7

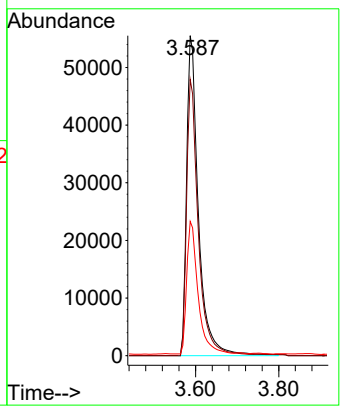




#3
Pyridine
Concen: 10.032 ng
RT: 3.587 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 79 Resp: 10931

Ion	Ratio	Lower	Upper
79	100		
52	86.3	69.4	104.2
51	42.0	33.5	50.3



Instrument :
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ClientSampleId :
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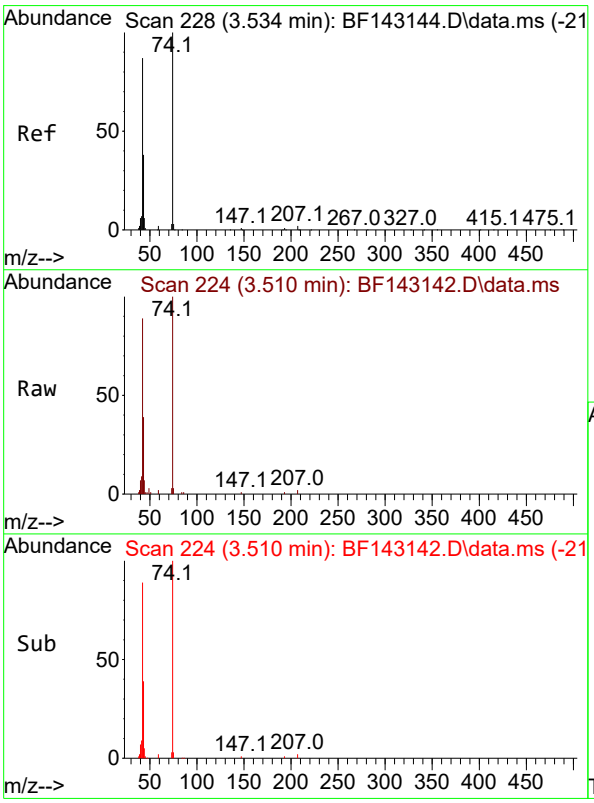
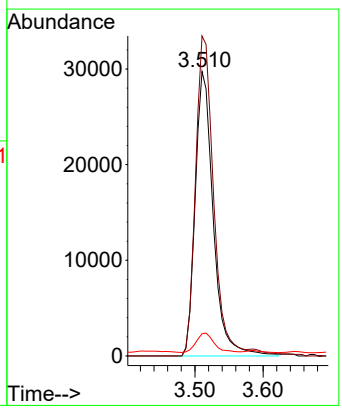
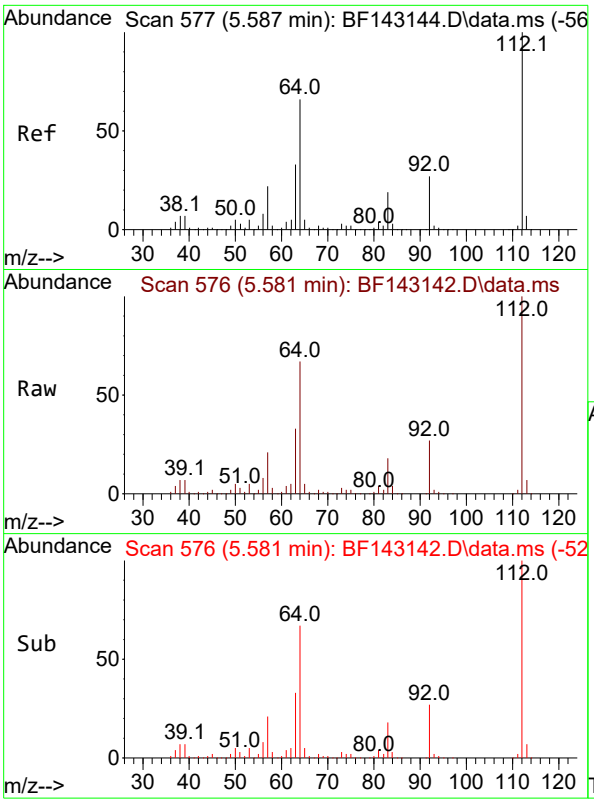


#4
n-Nitrosodimethylamine
Concen: 9.684 ng
RT: 3.510 min Scan# 224
Delta R.T. -0.023 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 42 Resp: 54487

Ion	Ratio	Lower	Upper
42	100		
74	112.5	91.7	137.5
44	7.8	5.6	8.4

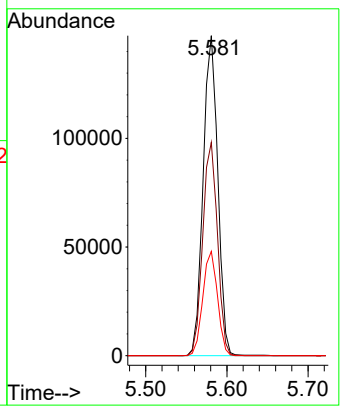




#5
2-Fluorophenol
Concen: 20.778 ng
RT: 5.581 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:112 Resp: 18436

Ion	Ratio	Lower	Upper
112	100		
64	66.6	53.1	79.7
63	32.6	26.6	40.0



Instrument :
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ClientSampleId :
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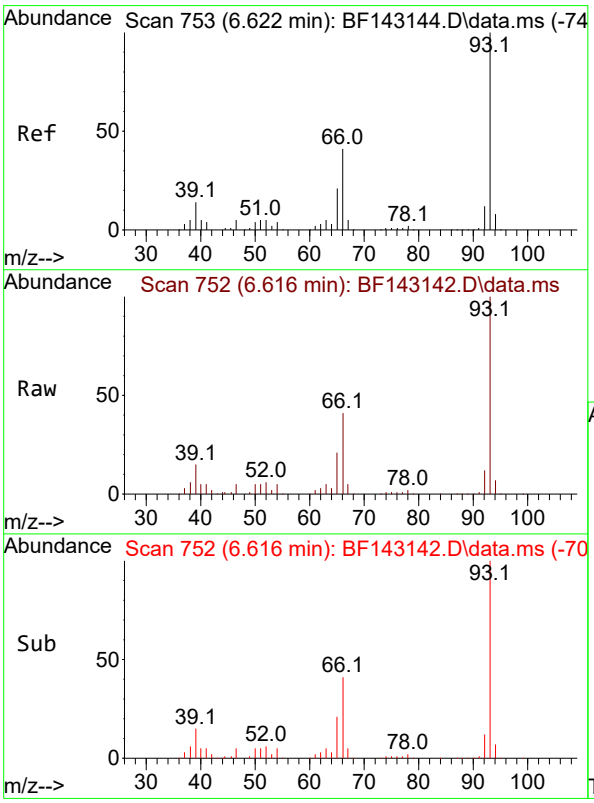
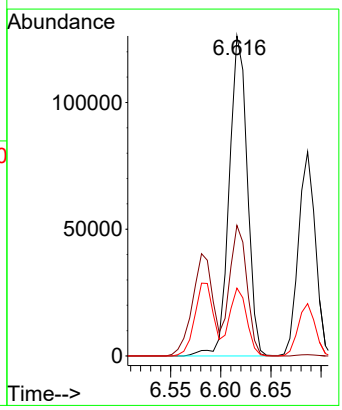
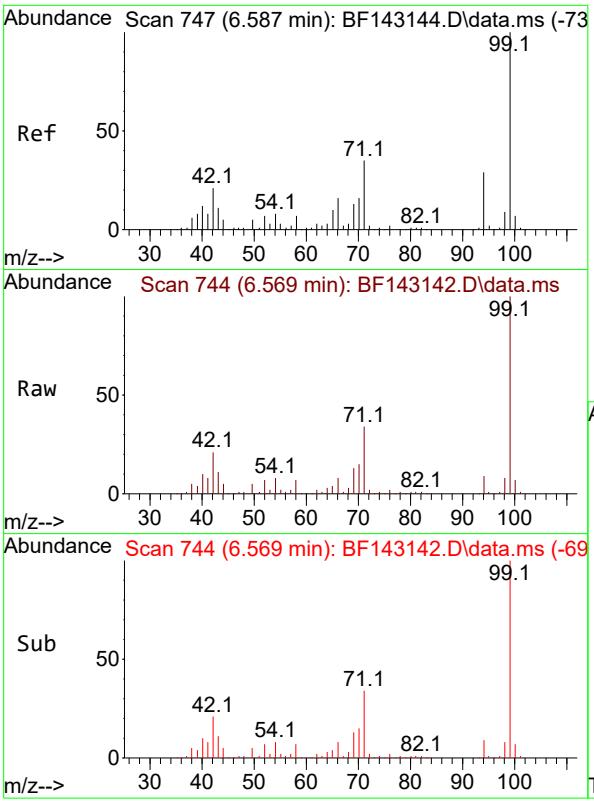


#6
Aniline
Concen: 10.188 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 93 Resp: 158580

Ion	Ratio	Lower	Upper
93	100		
66	40.8	33.2	49.8
65	21.2	16.9	25.3

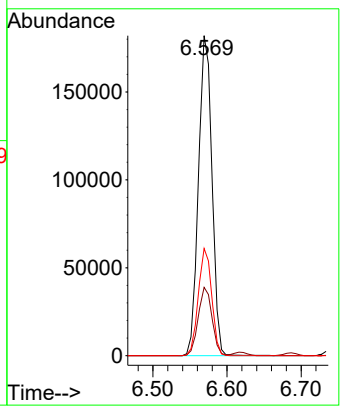




#7
Phenol-d6
Concen: 20.613 ng
RT: 6.569 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 99 Resp: 23020

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.0	25.6
71	33.5	27.7	41.5



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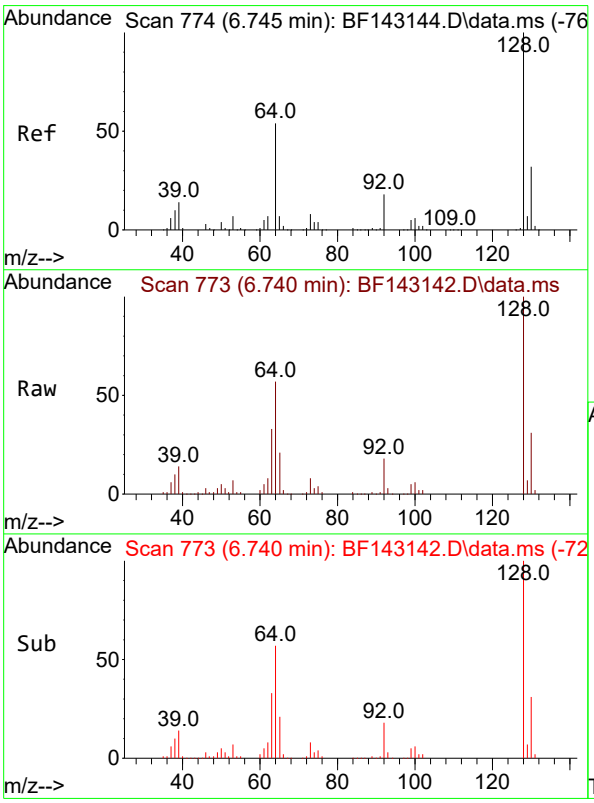
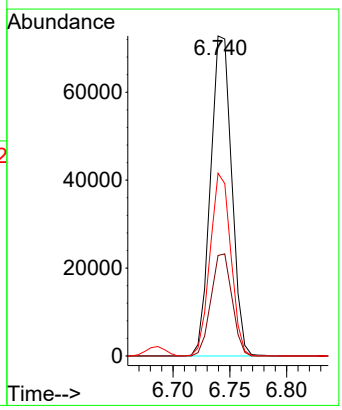
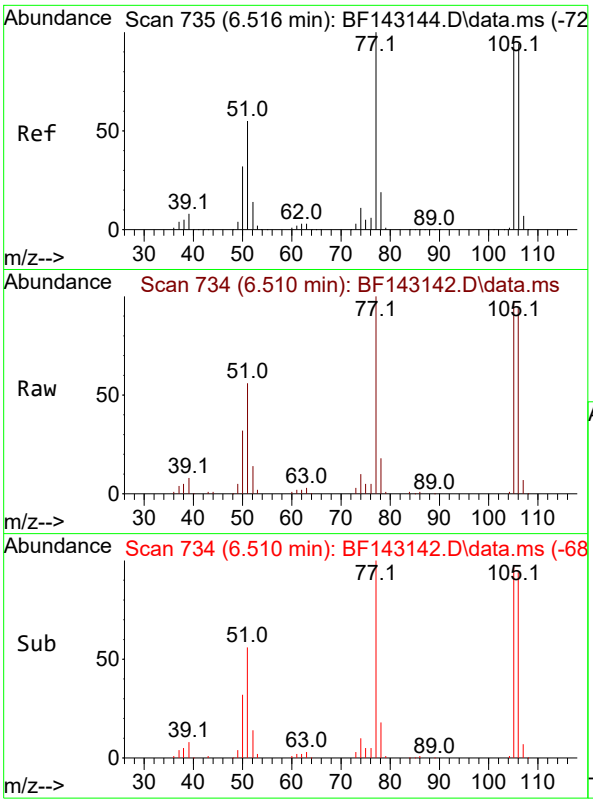


#8
2-Chlorophenol
Concen: 10.135 ng
RT: 6.740 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:128 Resp: 94265

Ion	Ratio	Lower	Upper
128	100		
130	31.4	12.3	52.3
64	57.1	35.9	75.9

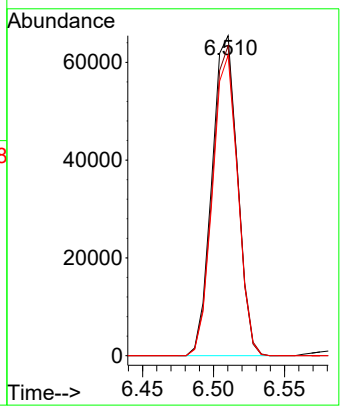




#9
Benzaldehyde
Concen: 9.779 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 77 Resp: 8189

Ion	Ratio	Lower	Upper
77	100		
105	96.9	76.8	116.8
106	93.9	74.4	114.4



Instrument :
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ClientSampleId :
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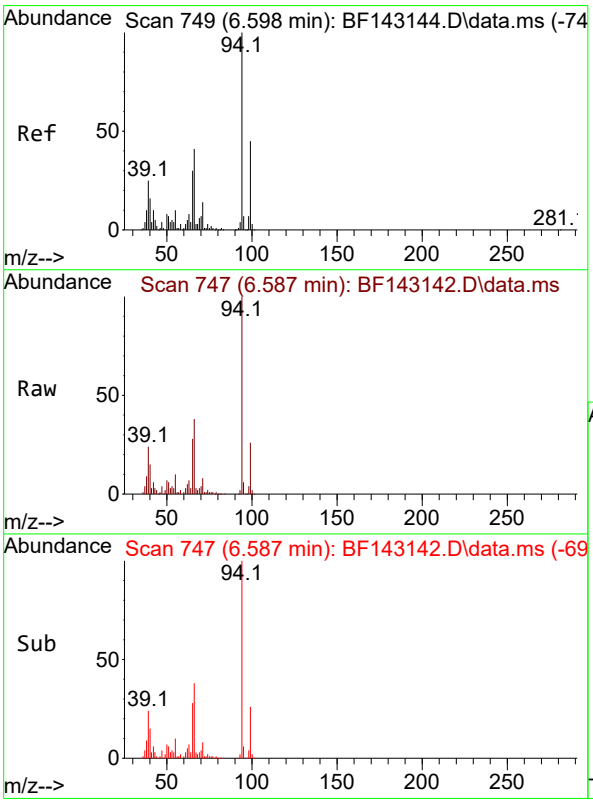
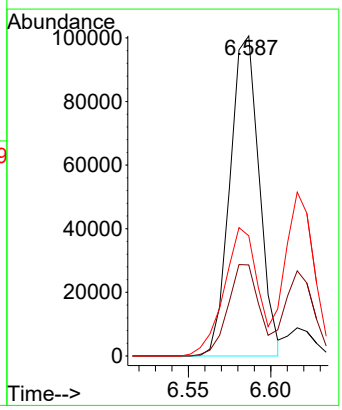
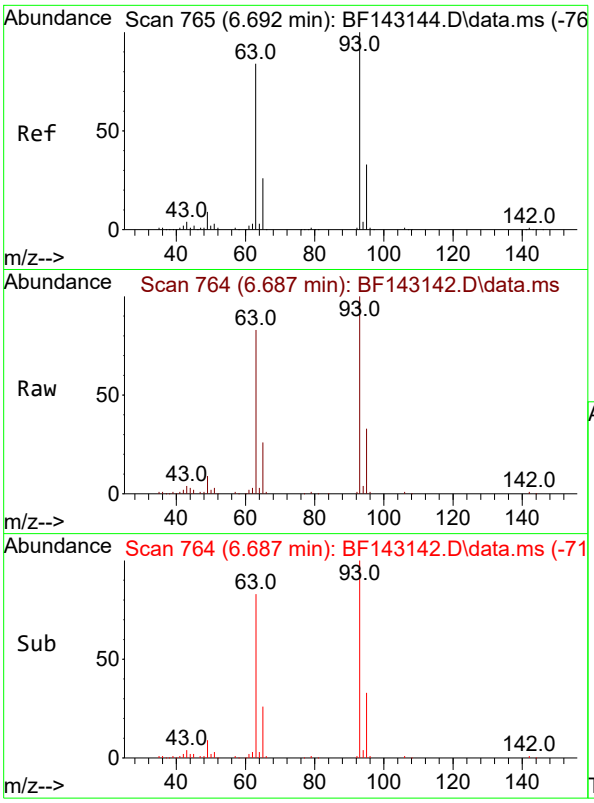


#10
Phenol
Concen: 10.198 ng m
RT: 6.587 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 94 Resp: 124080

Ion	Ratio	Lower	Upper
94	100		
65	28.4	10.0	50.0
66	37.5	20.8	60.8

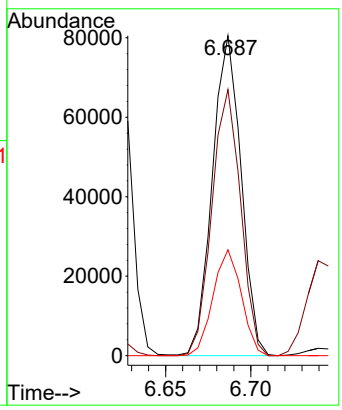




#11
bis(2-Chloroethyl)ether
Concen: 10.119 ng
RT: 6.687 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 93 Resp: 9426

Ion	Ratio	Lower	Upper
93	100		
63	83.2	63.4	103.4
95	33.1	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
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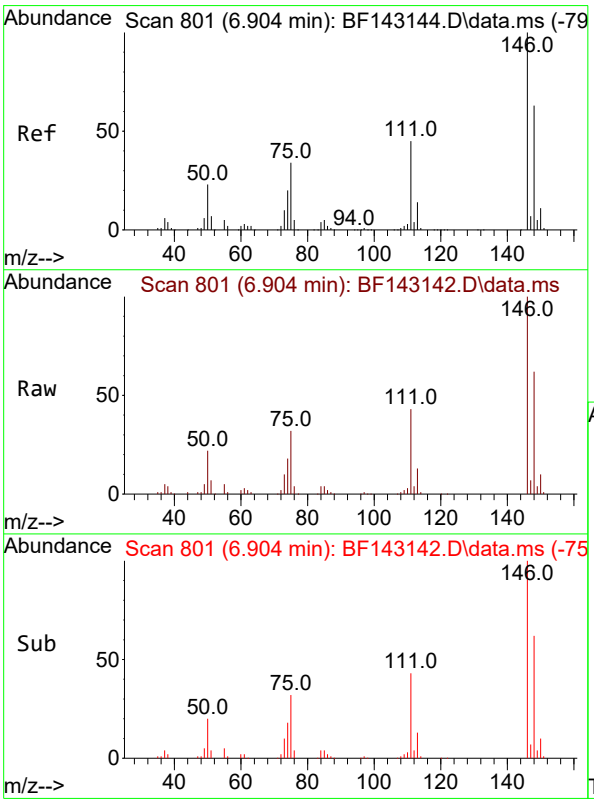
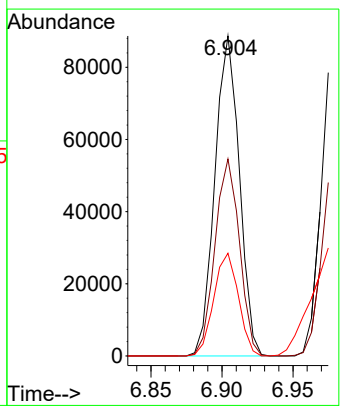
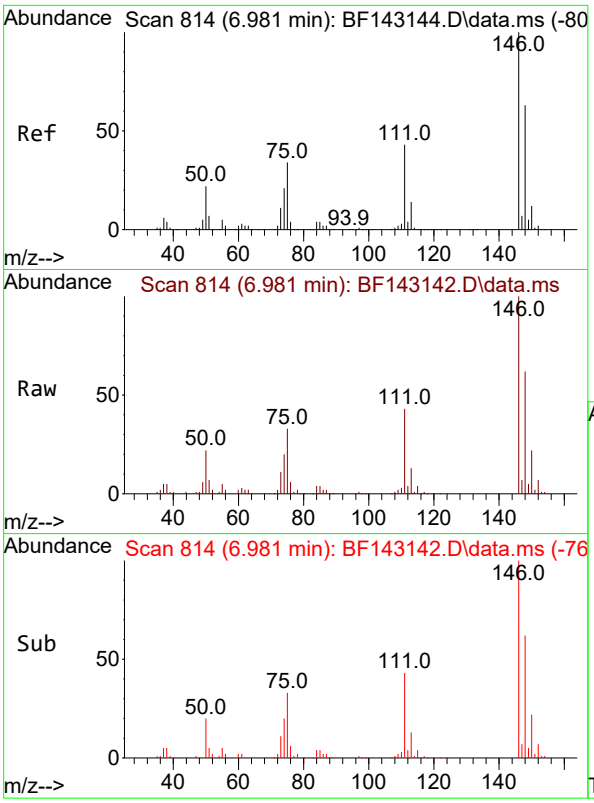


#12
1,3-Dichlorobenzene
Concen: 10.514 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:146 Resp: 106226

Ion	Ratio	Lower	Upper
146	100		
148	61.6	50.6	76.0
75	32.1	27.4	41.2

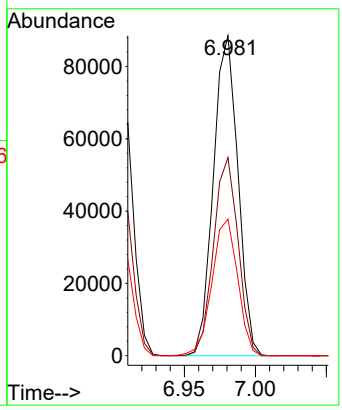




#13
1,4-Dichlorobenzene
Concen: 10.475 ng
RT: 6.981 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:146 Resp: 10658

Ion	Ratio	Lower	Upper
146	100		
148	61.9	50.3	75.5
111	42.7	34.4	51.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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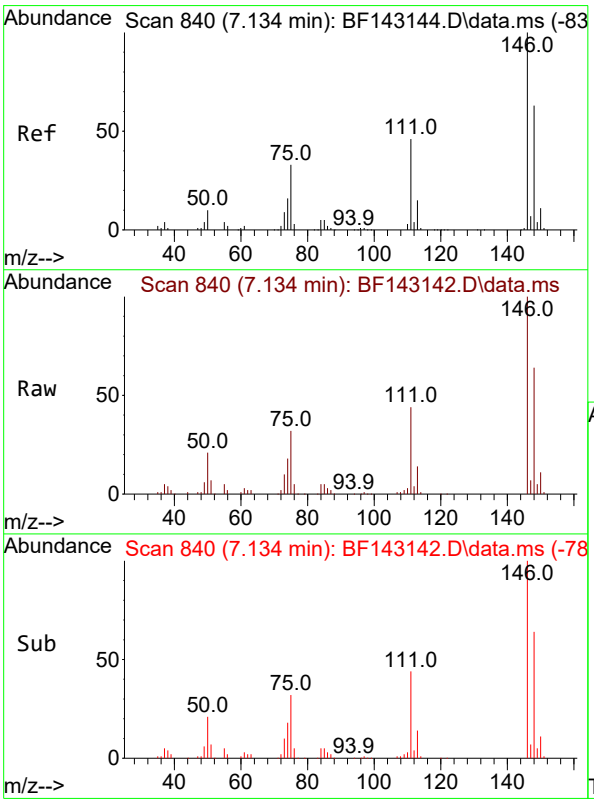
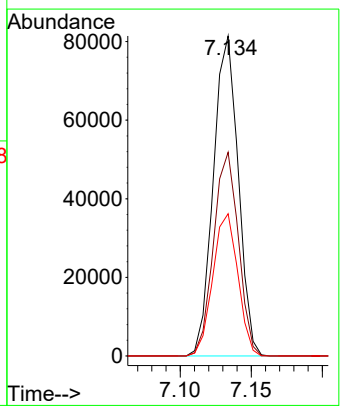
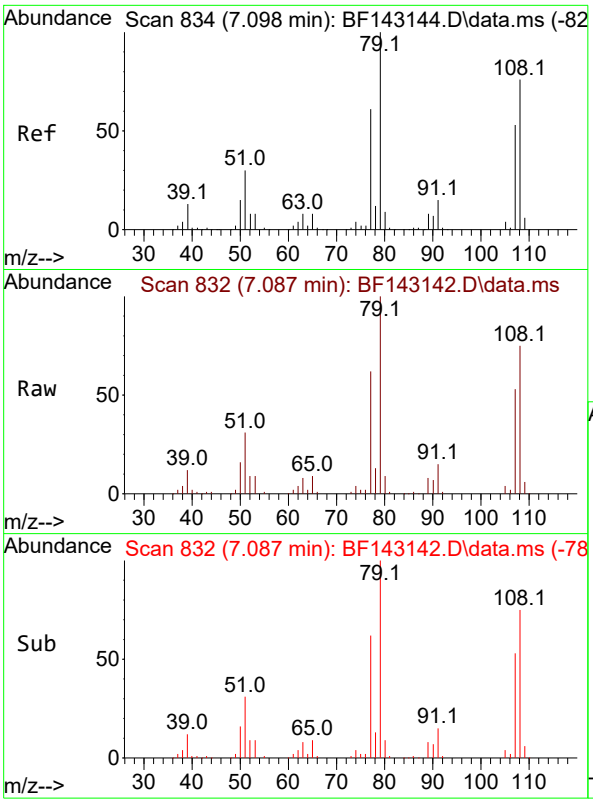


#14
1,2-Dichlorobenzene
Concen: 10.253 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:146 Resp: 99226

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.7	76.1
111	44.5	36.6	54.8

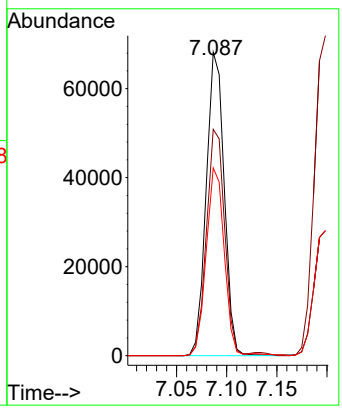




#15
Benzyl Alcohol
Concen: 9.996 ng
RT: 7.087 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 79 Resp: 8524

Ion	Ratio	Lower	Upper
79	100		
108	74.6	61.1	91.7
77	61.9	48.9	73.3



Instrument :
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ClientSampleId :
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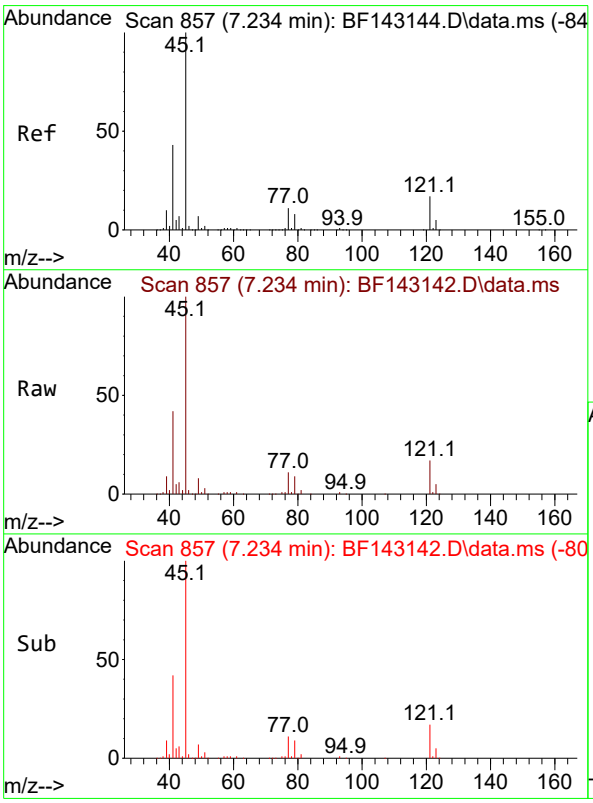
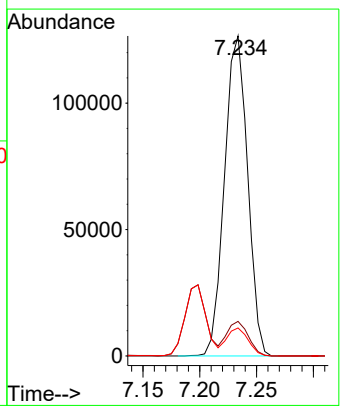
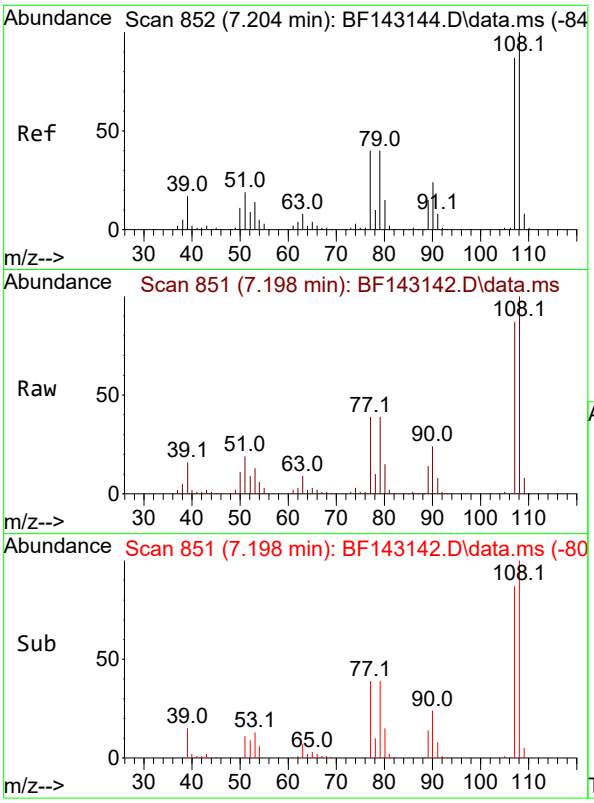


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.371 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 45 Resp: 179226

Ion	Ratio	Lower	Upper
45	100		
77	10.8	0.0	31.2
79	8.7	0.0	28.5

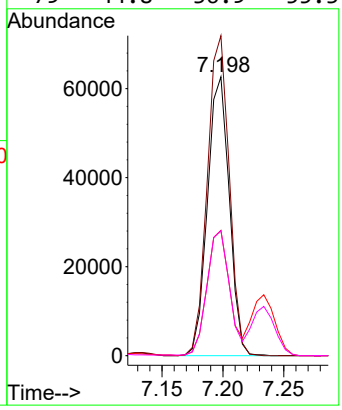




#17
2-Methylphenol
Concen: 9.974 ng
RT: 7.198 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:107 Resp: 7800

Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.8	137.6
77	45.0	37.0	55.6
79	44.8	36.9	55.3



Instrument :
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ClientSampleId :
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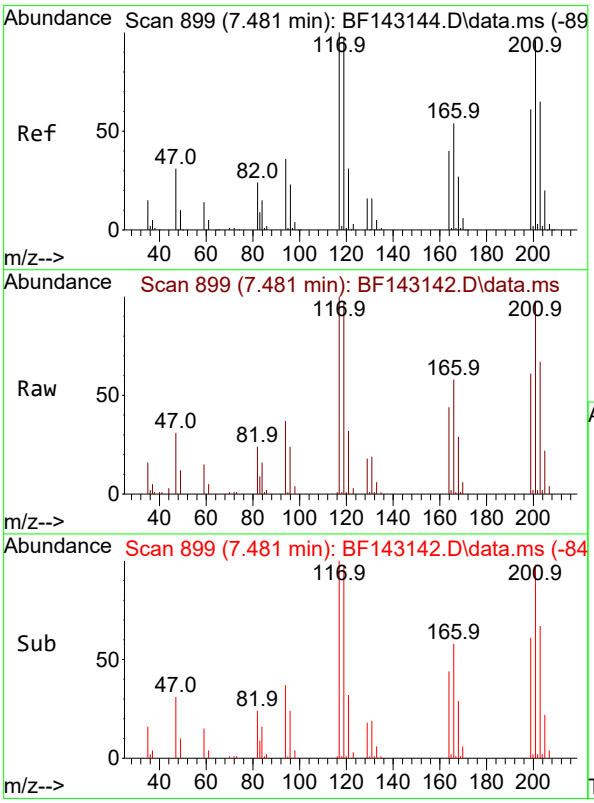
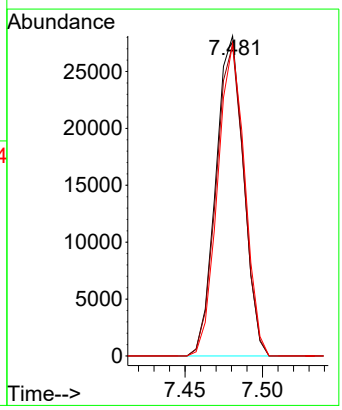
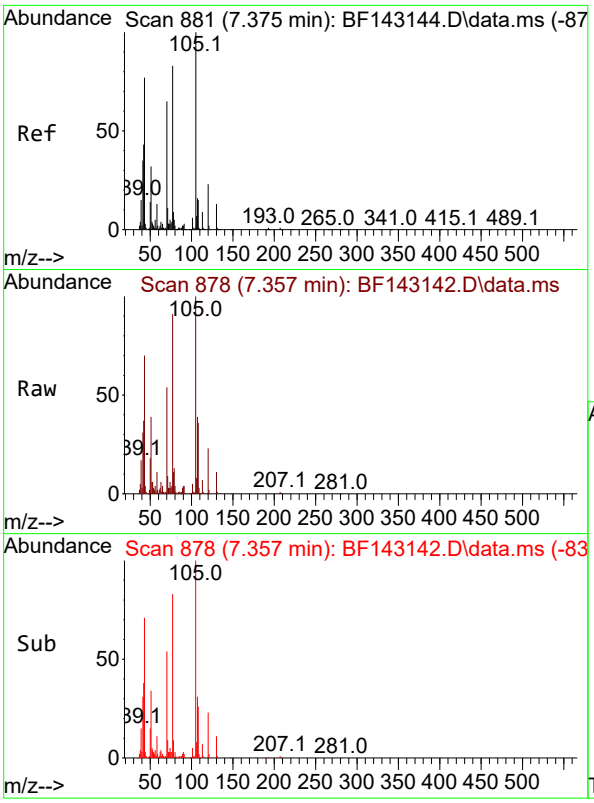


#18
Hexachloroethane
Concen: 9.932 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:117 Resp: 34985

Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.8	116.8
201	97.7	77.0	115.4

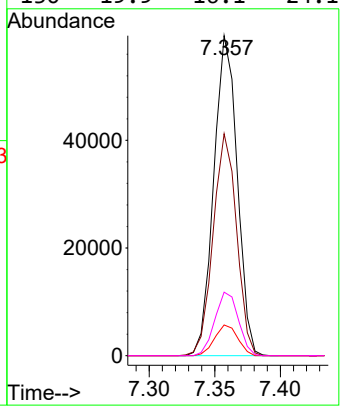




#19
n-Nitroso-di-n-propylamine
Concen: 10.302 ng
RT: 7.357 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 70 Resp: 7381

Ion	Ratio	Lower	Upper
70	100		
42	69.4	52.5	78.7
101	9.6	7.6	11.4
130	19.9	16.1	24.1



Instrument :
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ClientSampleId :
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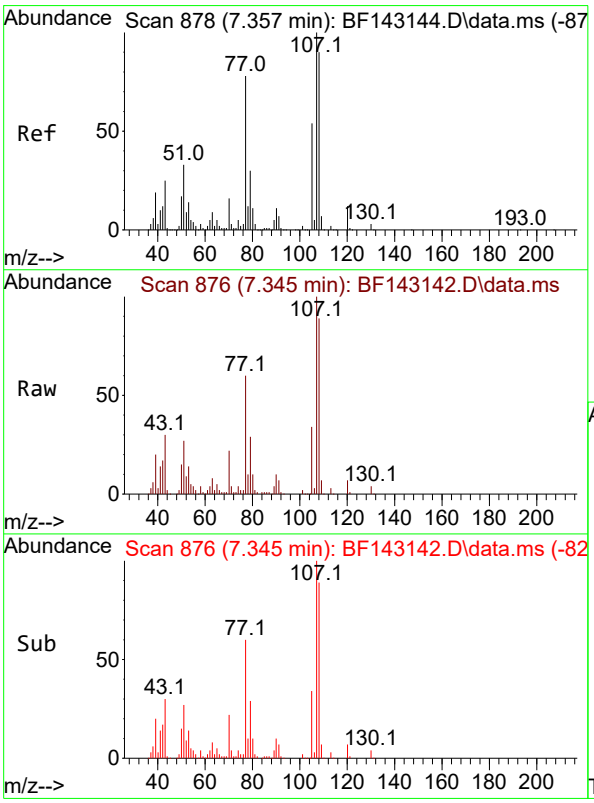
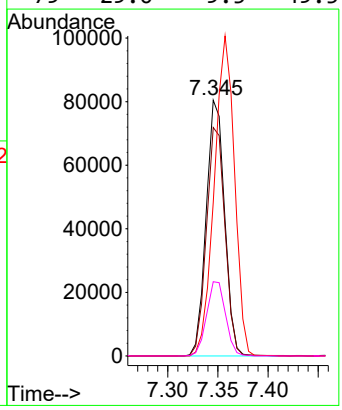
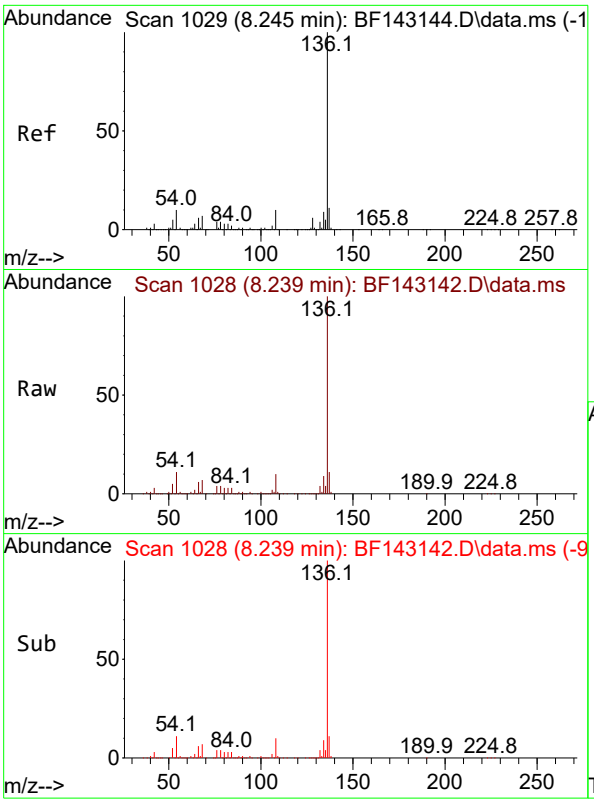


#20
3+4-Methylphenols
Concen: 10.858 ng
RT: 7.345 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:107 Resp: 103018

Ion	Ratio	Lower	Upper
107	100		
108	89.3	70.0	110.0
77	60.0	57.8	97.8
79	29.0	9.5	49.5

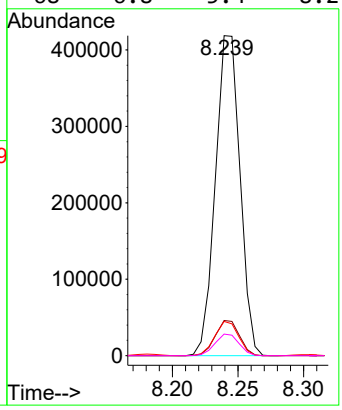




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:136 Resp: 54573

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.7	8.2	12.2
68	6.8	5.4	8.2



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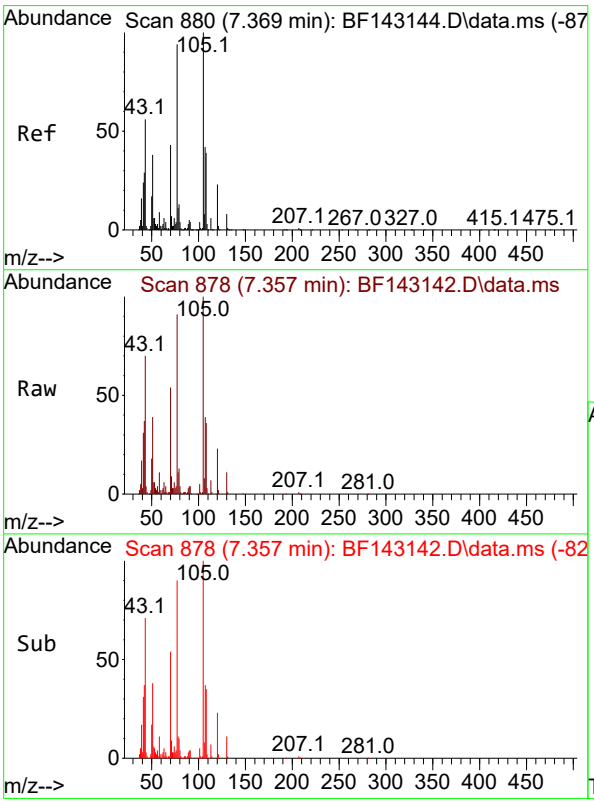
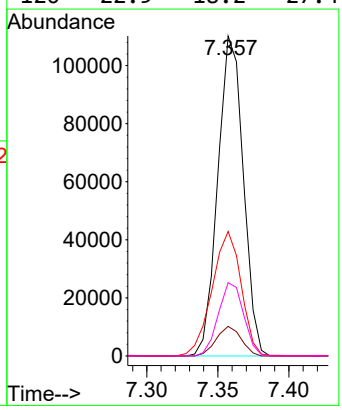
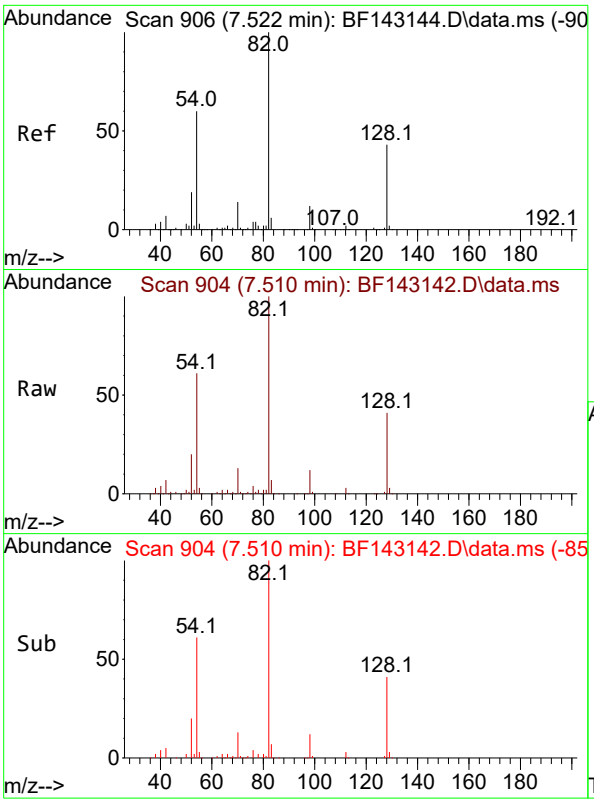


#22
Acetophenone
Concen: 10.645 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:105 Resp: 137532

Ion	Ratio	Lower	Upper
105	100		
71	9.3	5.8	8.6#
51	38.9	30.2	45.2
120	22.9	18.2	27.4

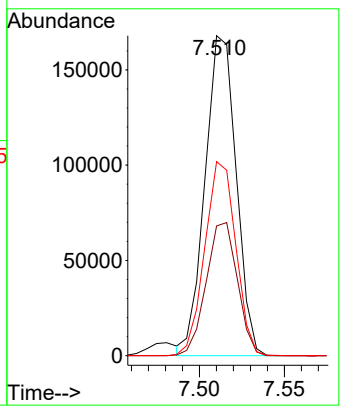




#23
Nitrobenzene-d5
Concen: 19.646 ng m
RT: 7.510 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 82 Resp: 21508

Ion	Ratio	Lower	Upper
82	100		
128	40.5	33.6	50.4
54	60.7	47.1	70.7



Instrument :
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ClientSampleId :
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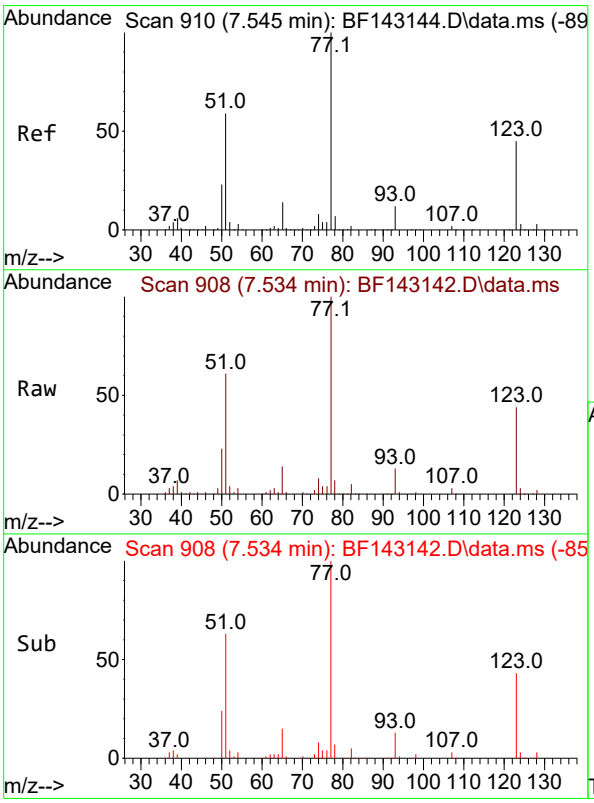
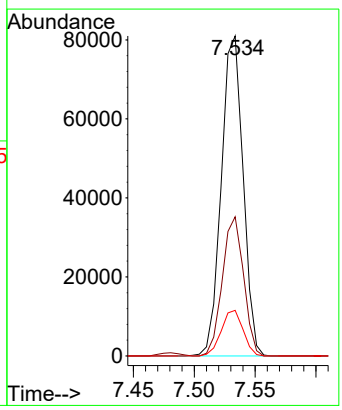
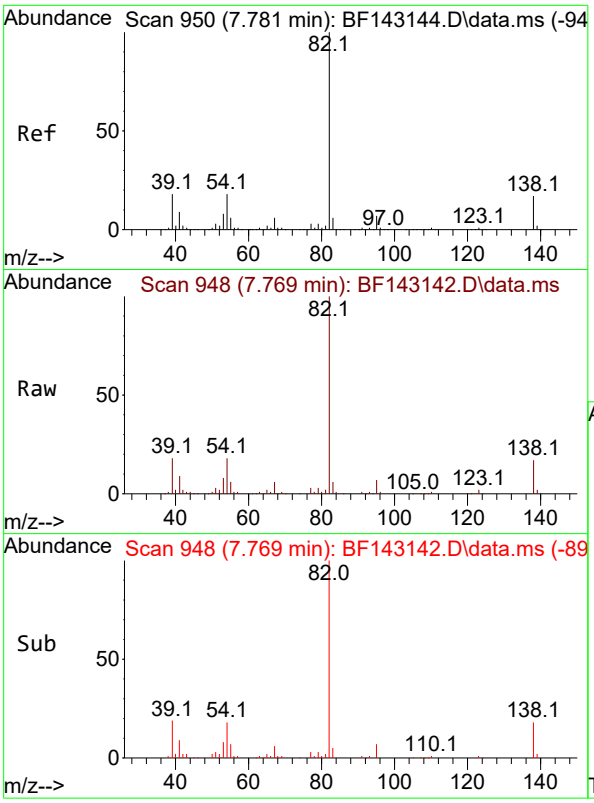


#24
Nitrobenzene
Concen: 9.879 ng
RT: 7.534 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 77 Resp: 100837

Ion	Ratio	Lower	Upper
77	100		
123	43.5	36.1	54.1
65	14.2	11.4	17.2

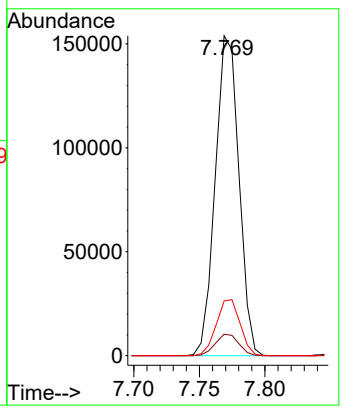




#25
Isophorone
Concen: 9.981 ng
RT: 7.769 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 82 Resp: 19289

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.5	8.3
138	17.1	13.8	20.8



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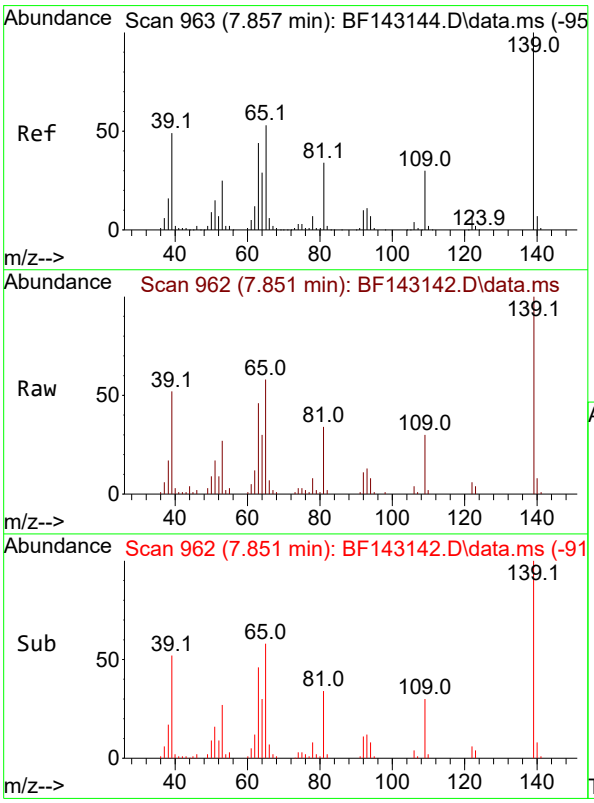
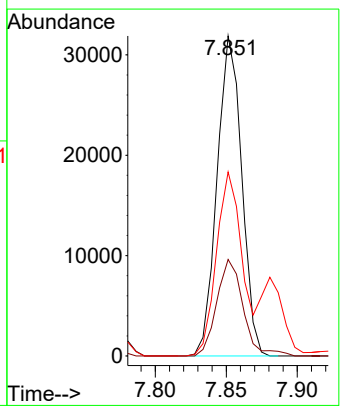
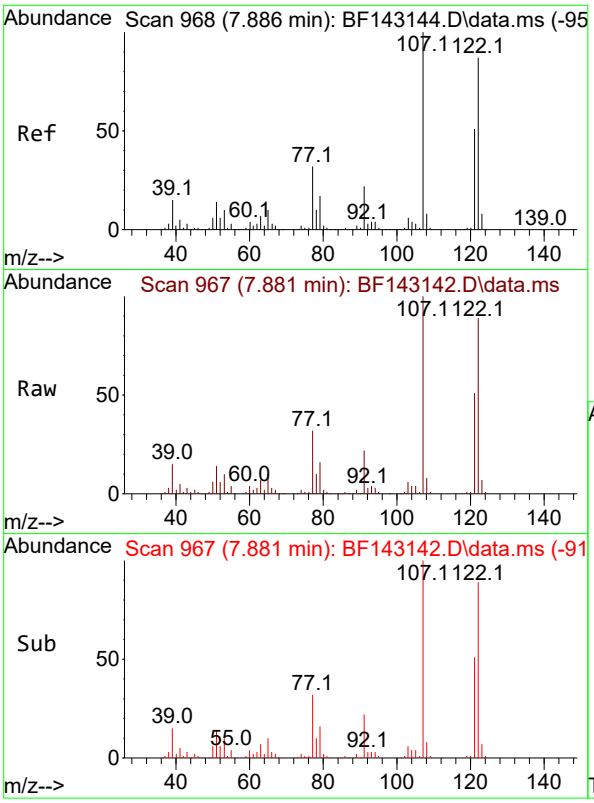


#26
2-Nitrophenol
Concen: 8.680 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:139 Resp: 38451

Ion	Ratio	Lower	Upper
139	100		
109	30.2	23.6	35.4
65	57.5	42.6	64.0

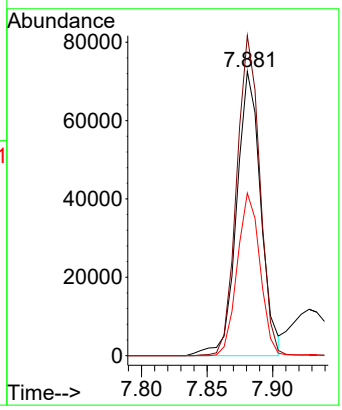




#27
2,4-Dimethylphenol
Concen: 10.269 ng
RT: 7.881 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:122 Resp: 9272

Ion	Ratio	Lower	Upper
122	100		
107	112.6	91.8	137.6
121	57.2	46.3	69.5



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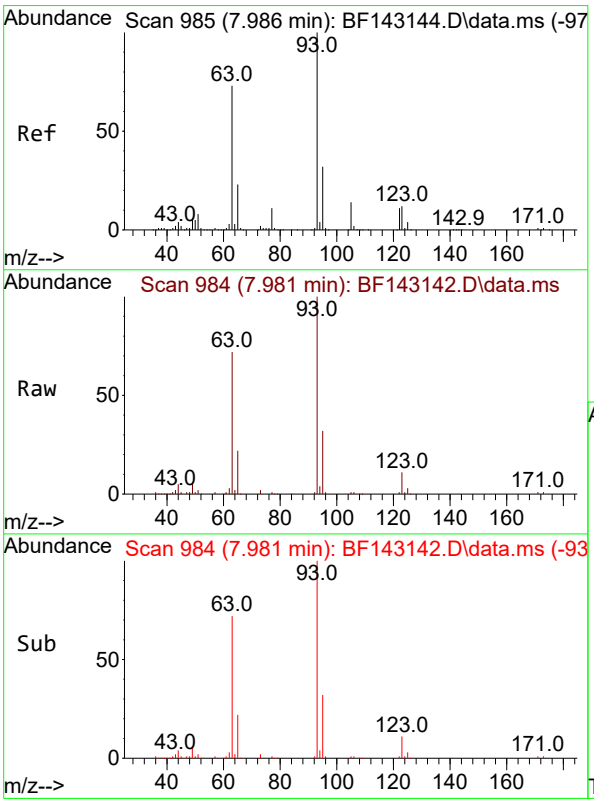
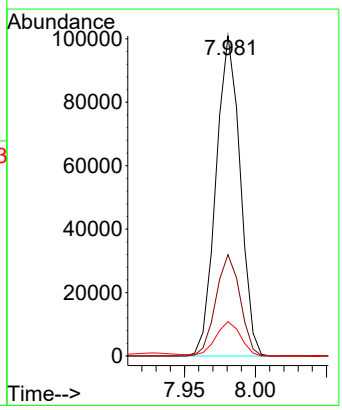
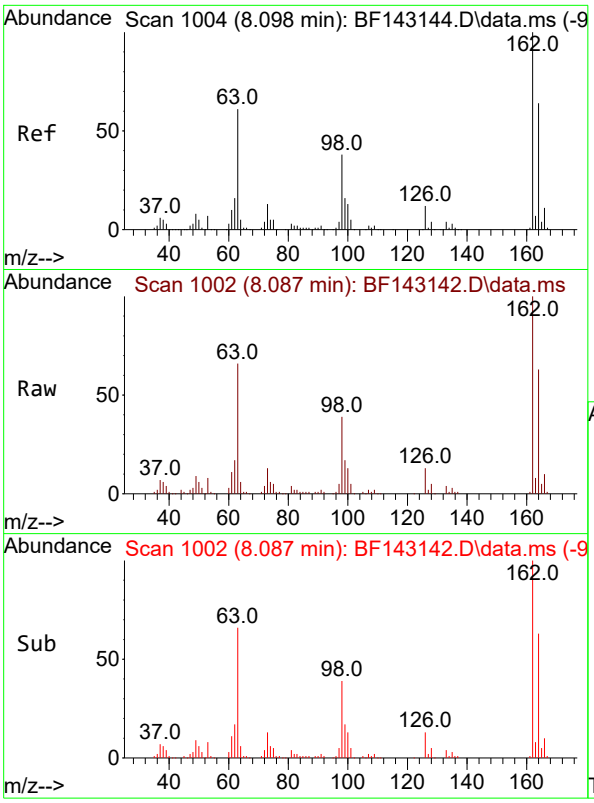


#28
bis(2-Chloroethoxy)methane
Concen: 10.297 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 93 Resp: 119320

Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.8	38.6
123	10.7	9.7	14.5

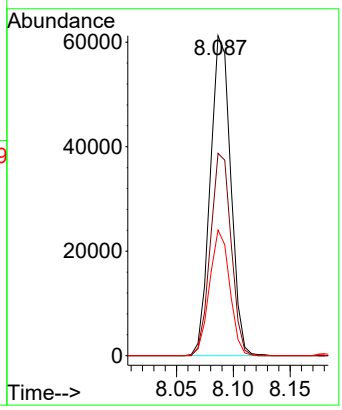




#29
2,4-Dichlorophenol
Concen: 10.091 ng
RT: 8.087 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:162 Resp: 7684

Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.2	84.2
98	39.2	17.9	57.9



Instrument :
BNA_F
ClientSampleId :
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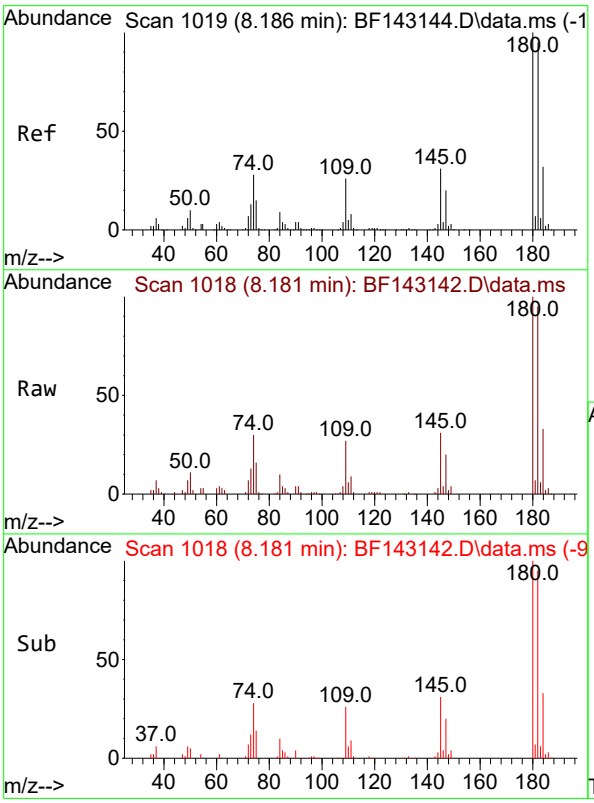
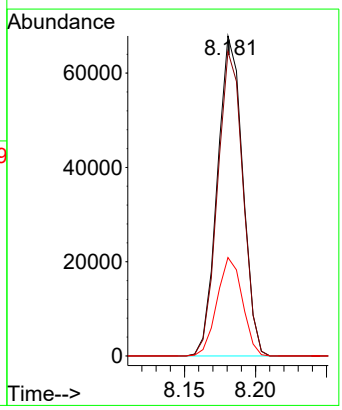
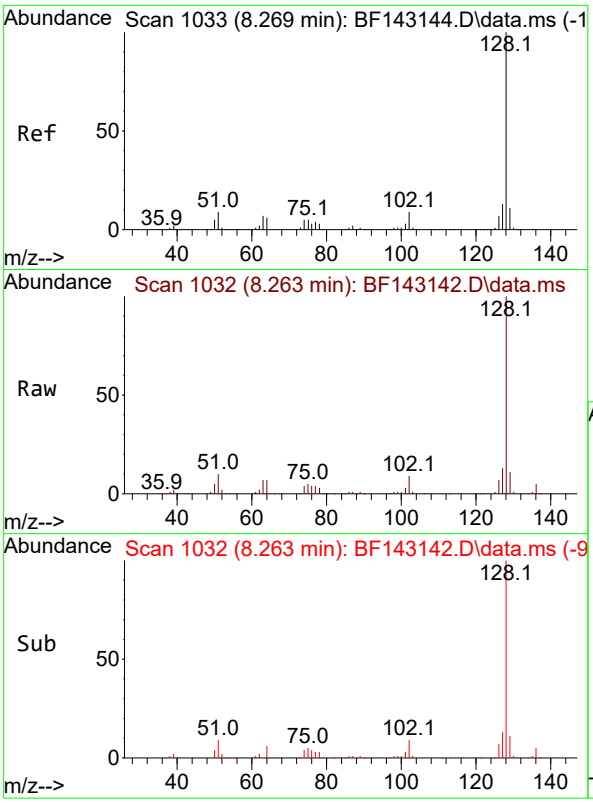


#30
1,2,4-Trichlorobenzene
Concen: 10.191 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:180 Resp: 83842

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.2	114.2
145	30.7	25.0	37.6

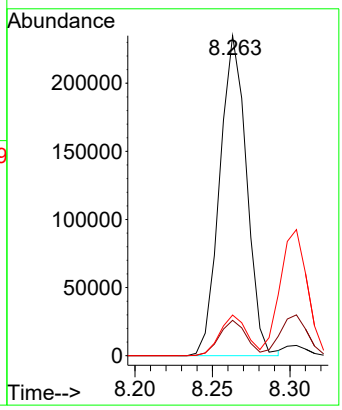




#31
Naphthalene
Concen: 10.534 ng
RT: 8.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:128 Resp: 28310

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	12.7	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
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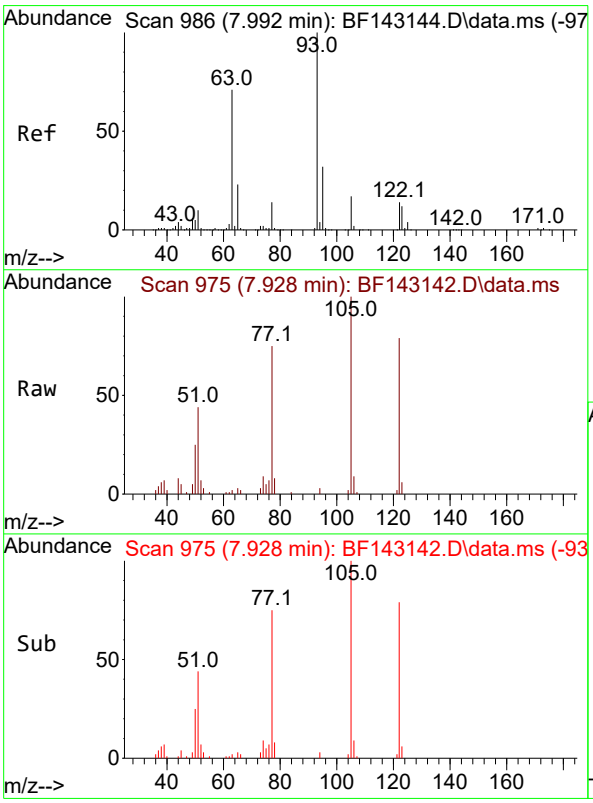
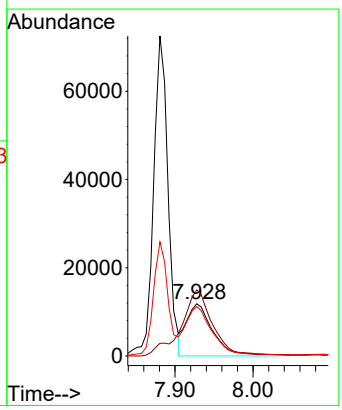
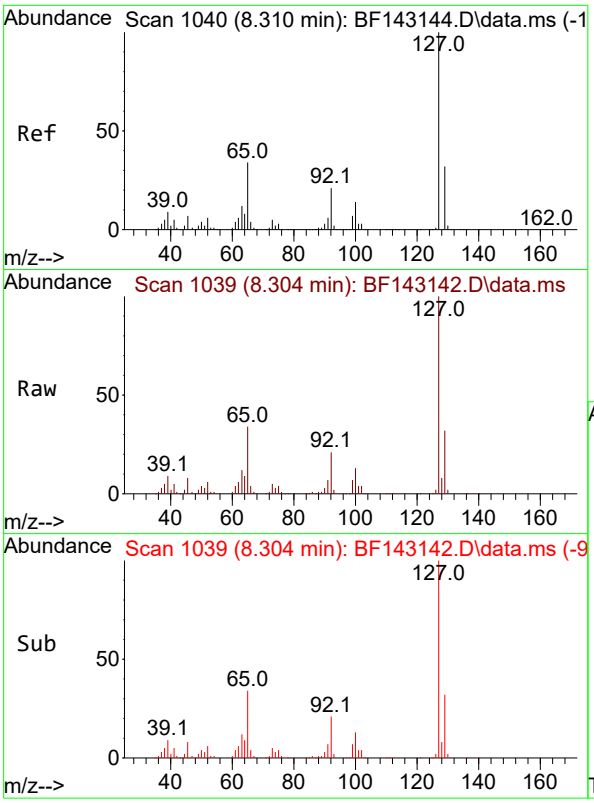


#32
Benzoic acid
Concen: 10.113 ng m
RT: 7.928 min Scan# 975
Delta R.T. -0.064 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:122 Resp: 28431

Ion	Ratio	Lower	Upper
122	100		
105	126.6	104.8	144.8
77	94.6	77.6	117.6

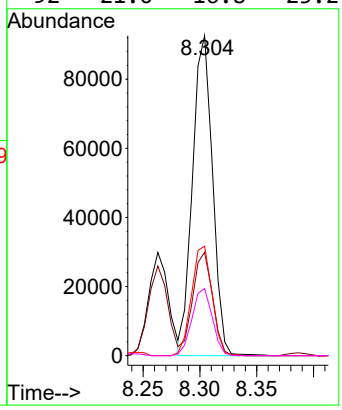




#33
4-Chloroaniline
Concen: 10.369 ng
RT: 8.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:127 Resp: 11379

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	34.2	27.4	41.2
92	21.0	16.8	25.2



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ClientSampleId :
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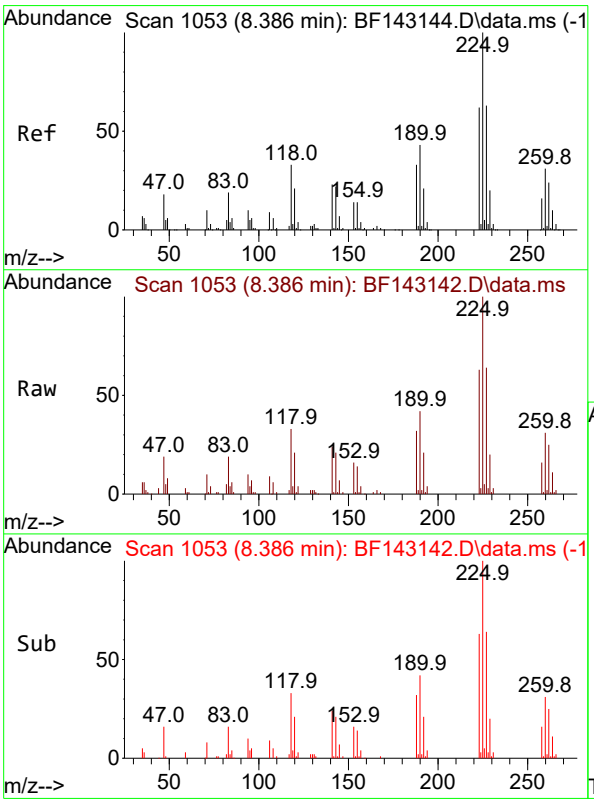
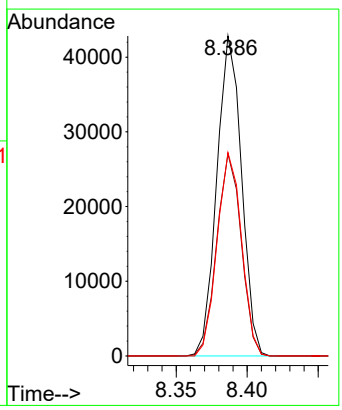
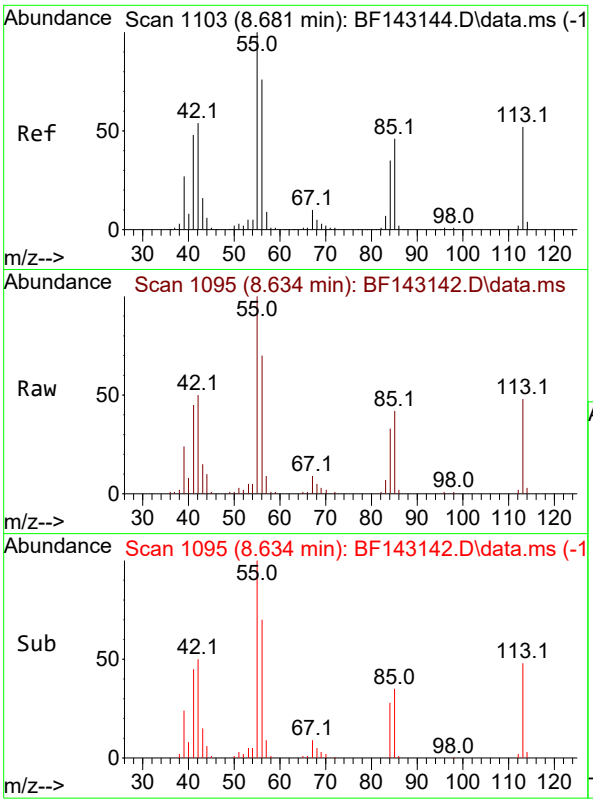


#34
Hexachlorobutadiene
Concen: 10.290 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:225 Resp: 51715

Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.8	74.6
227	63.5	50.2	75.4

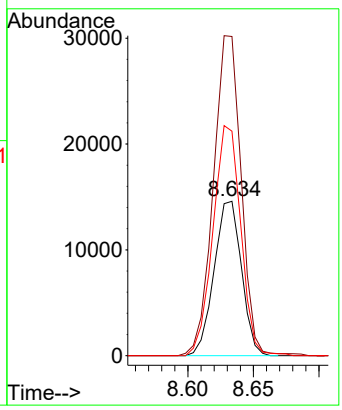




#35
Caprolactam
Concen: 9.194 ng
RT: 8.634 min Scan# 1
Delta R.T. -0.047 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:113 Resp: 2115

Ion	Ratio	Lower	Upper
113	100		
55	206.8	174.0	214.0
56	145.4	126.6	166.6



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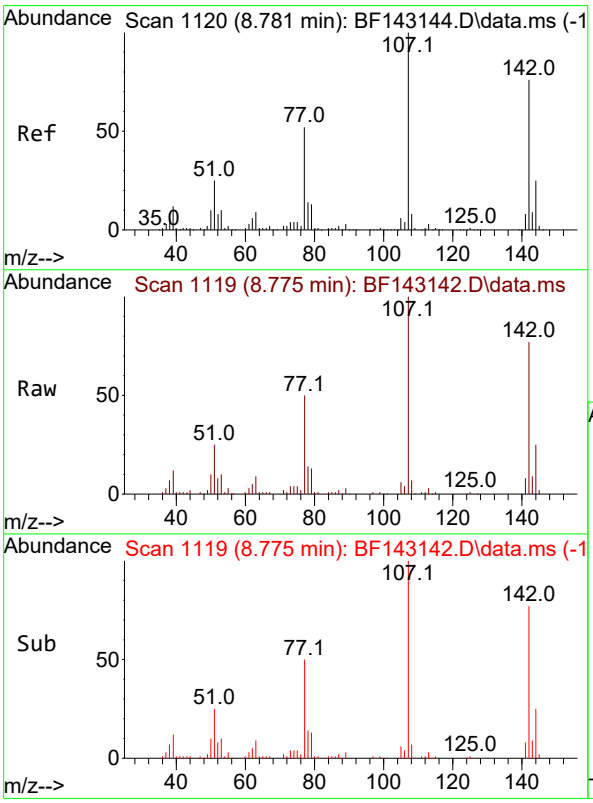
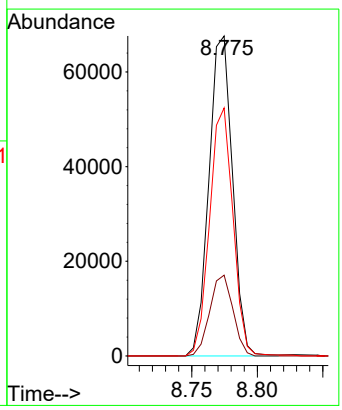
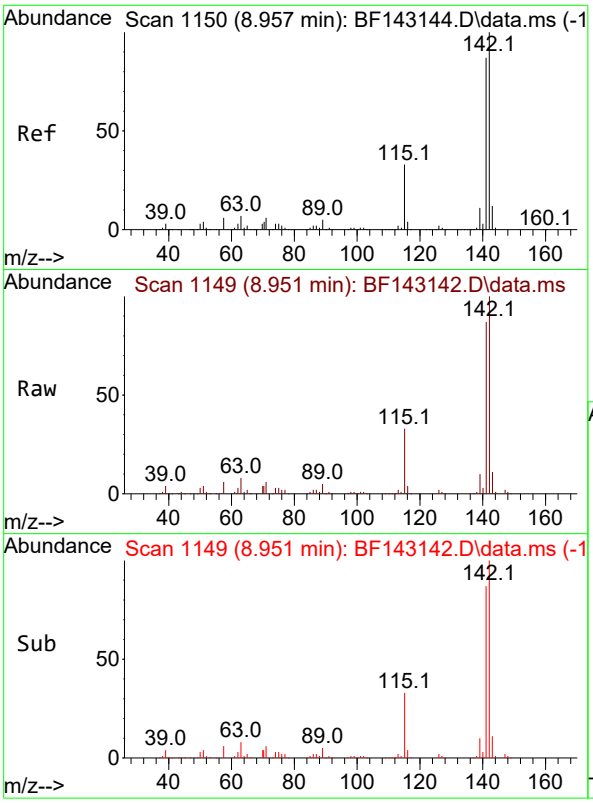


#36
4-Chloro-3-methylphenol
Concen: 10.227 ng
RT: 8.775 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:107 Resp: 84647

Ion	Ratio	Lower	Upper
107	100		
144	25.3	19.8	29.6
142	77.5	60.6	90.8

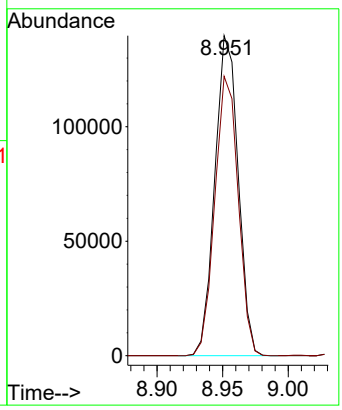




#37
2-Methylnaphthalene
Concen: 10.570 ng
RT: 8.951 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:142 Resp: 17286

Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.9	104.9



Instrument :
BNA_F
ClientSampleId :
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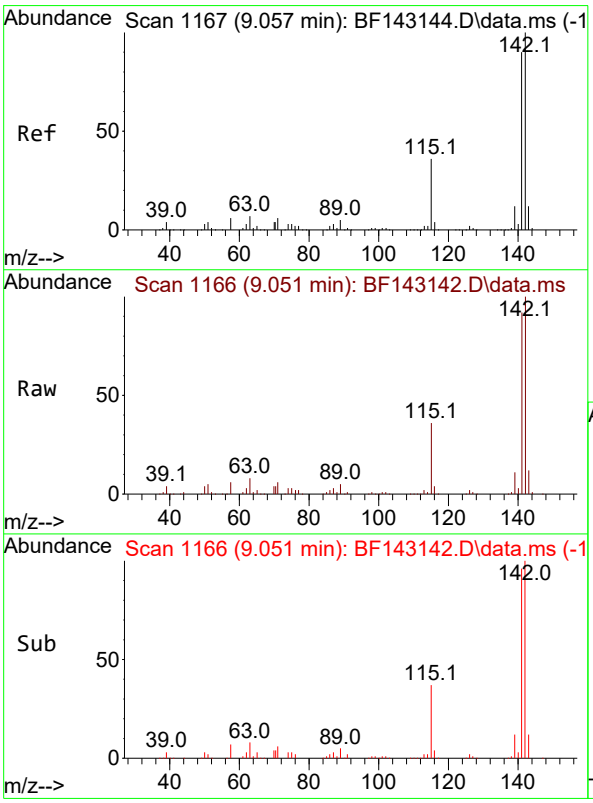
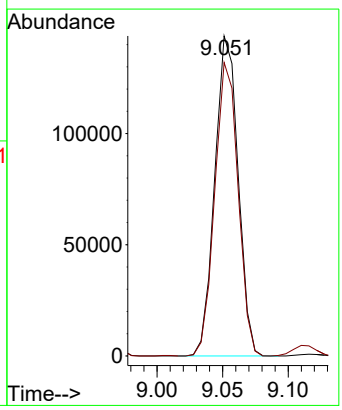
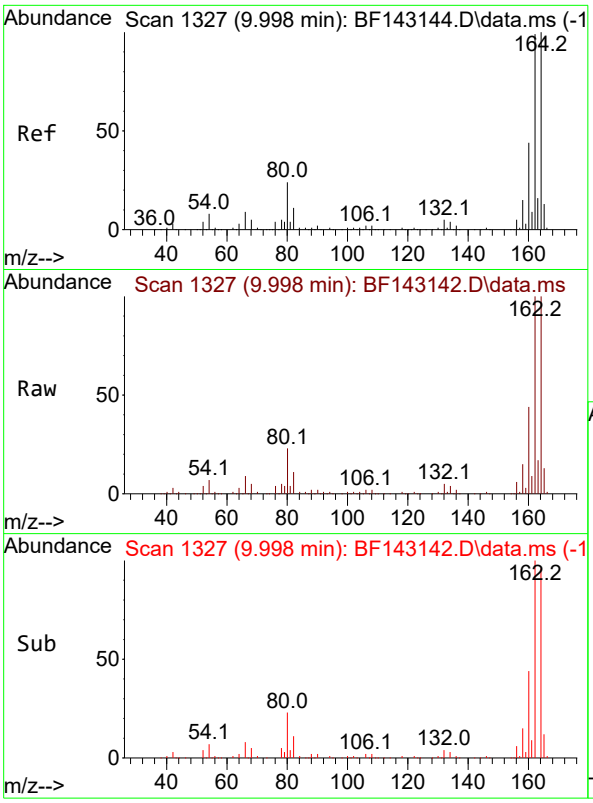


#38
1-Methylnaphthalene
Concen: 10.564 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:142 Resp: 177917

Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.3	108.5

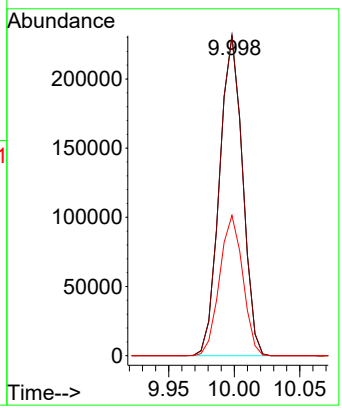




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:164 Resp: 28258

Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.0	118.6
160	43.9	35.1	52.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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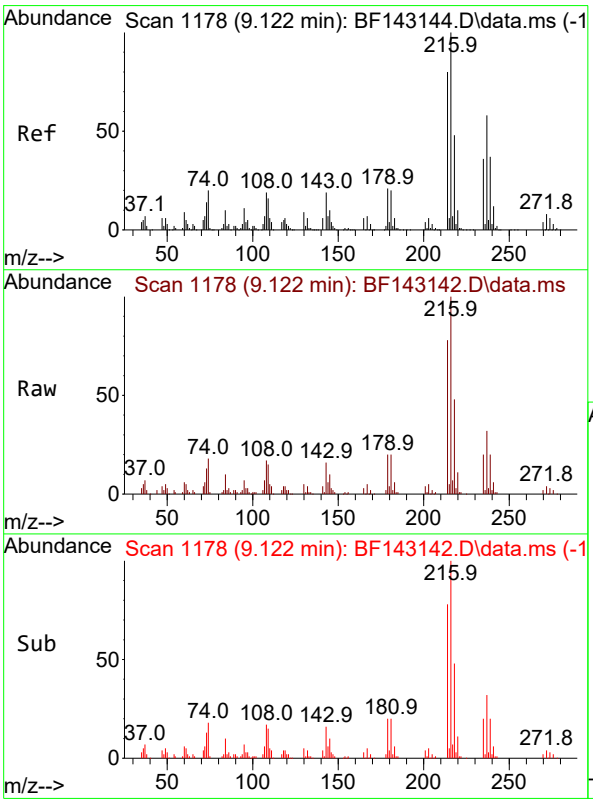
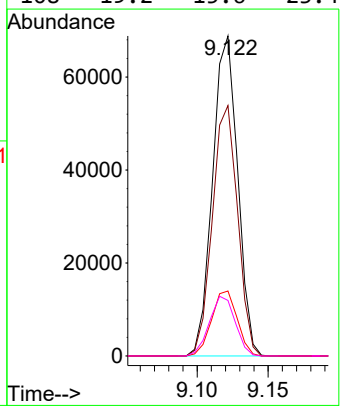
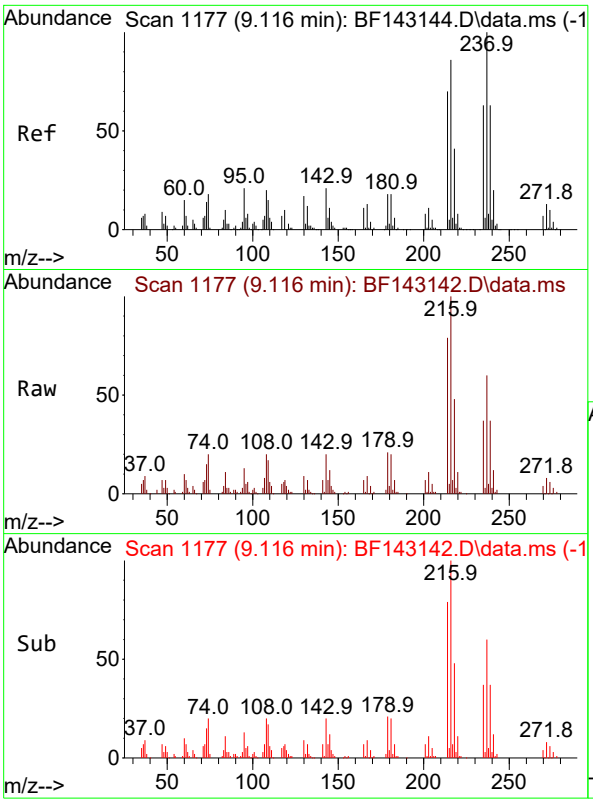


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.357 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:216 Resp: 84494

Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.8	95.8
179	20.8	16.4	24.6
108	19.2	15.6	23.4

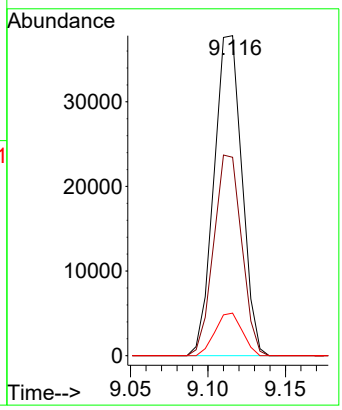




#41
Hexachlorocyclopentadiene
Concen: 8.963 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:237 Resp: 4757

Ion	Ratio	Lower	Upper
237	100		
235	62.0	43.0	83.0
272	13.3	0.0	33.3



Instrument :
BNA_F
ClientSampleId :
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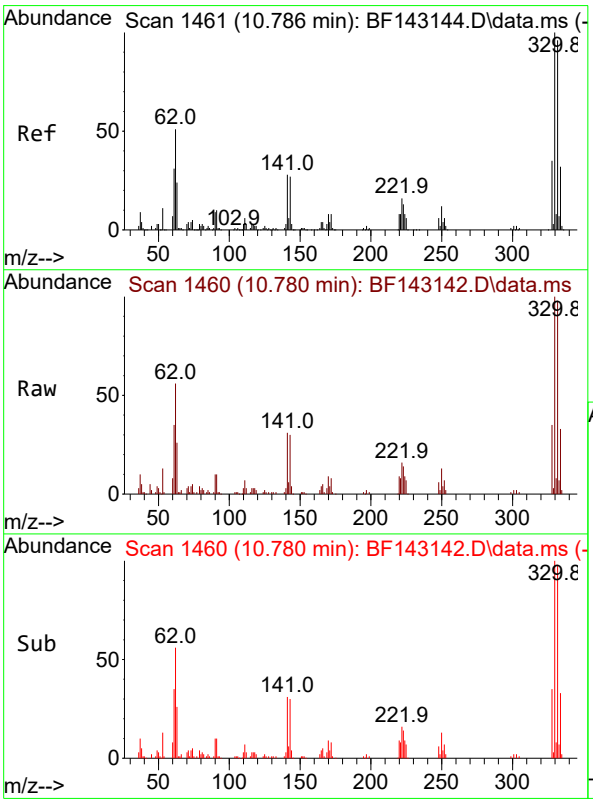
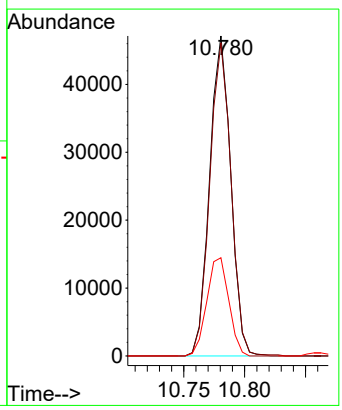
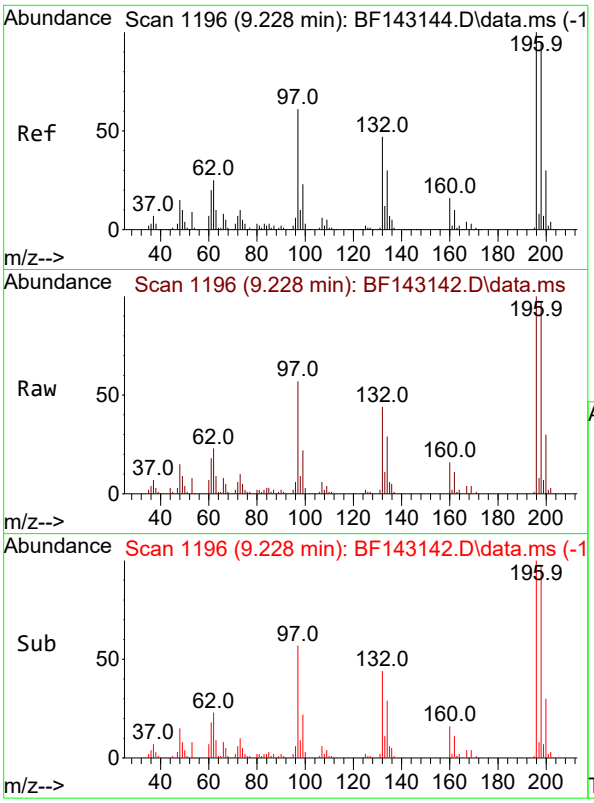


#42
2,4,6-Tribromophenol
Concen: 19.512 ng
RT: 10.780 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:330 Resp: 56961

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.7	115.1
141	32.0	23.3	34.9

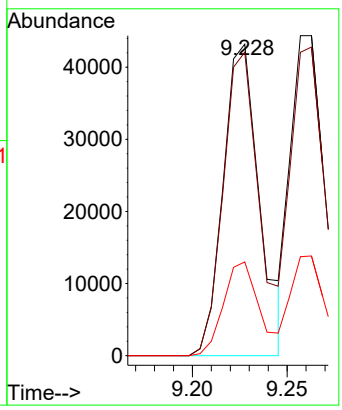




#43
2,4,6-Trichlorophenol
Concen: 10.165 ng
RT: 9.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:196 Resp: 5739

Ion	Ratio	Lower	Upper
196	100		
198	97.4	76.2	114.2
200	30.1	23.9	35.9



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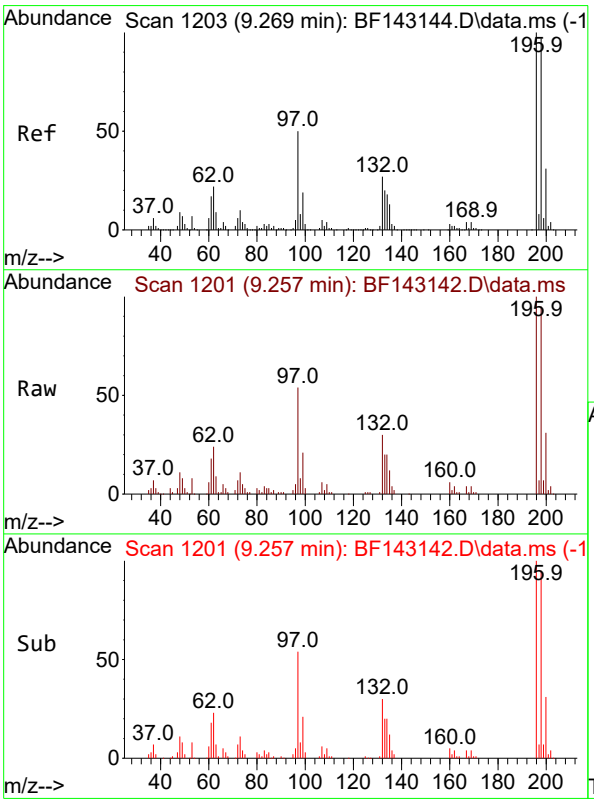
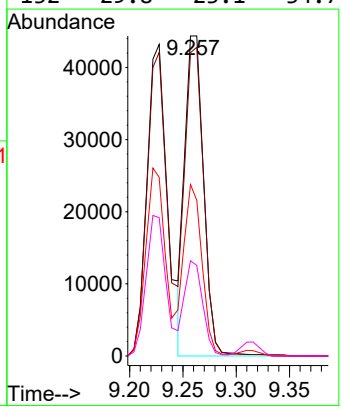
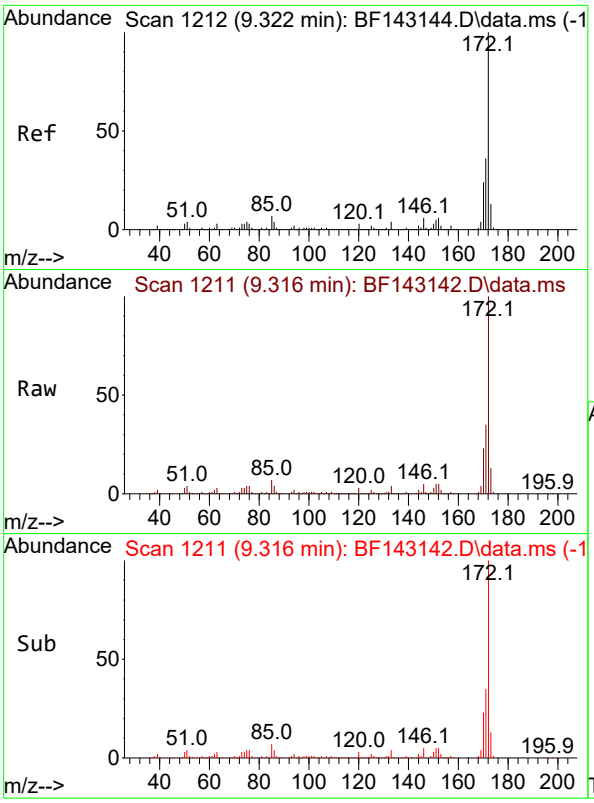


#44
2,4,5-Trichlorophenol
Concen: 9.688 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:196 Resp: 54716

Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.3	115.9
97	53.5	40.3	60.5
132	29.8	23.1	34.7

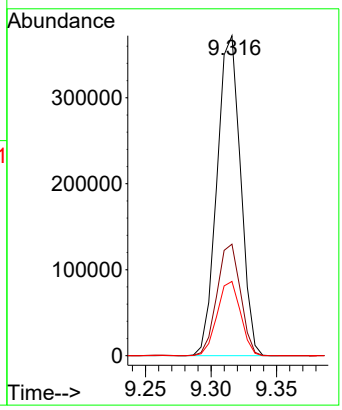




#45
2-Fluorobiphenyl
Concen: 22.489 ng
RT: 9.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:172 Resp: 46466

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	42.8
170	23.2	18.8	28.2



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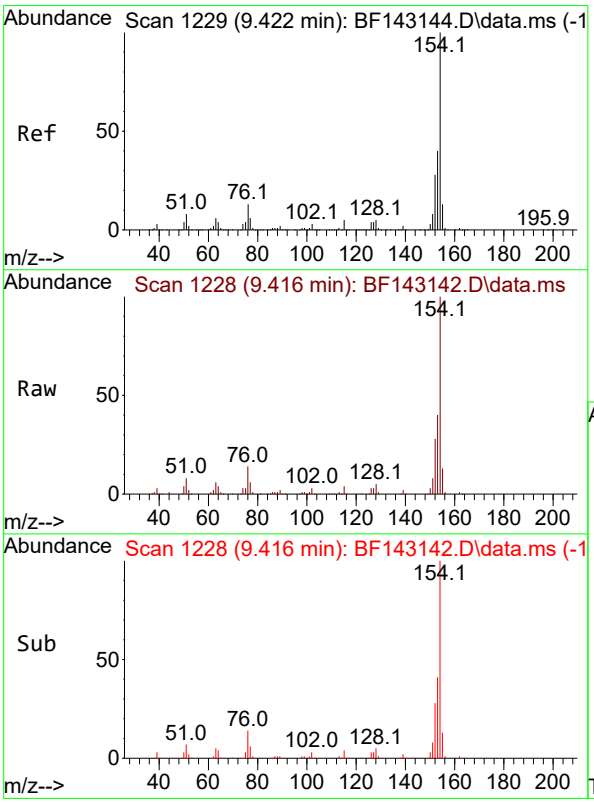
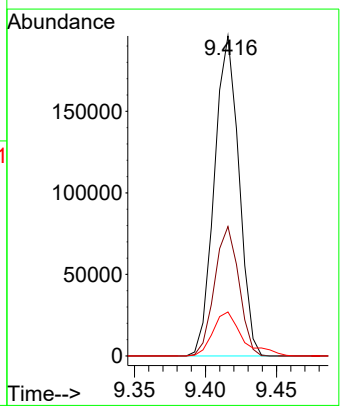
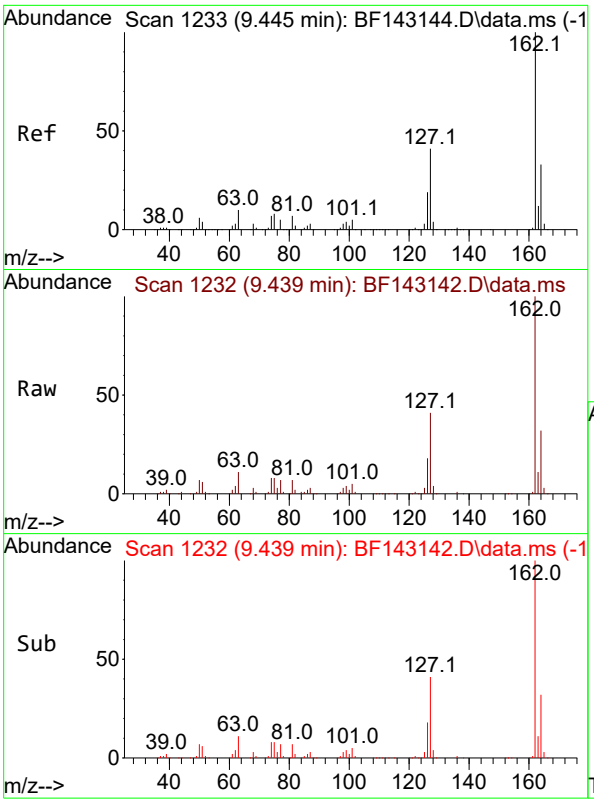


#46
1,1'-Biphenyl
Concen: 10.680 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:154 Resp: 235467

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	13.7	0.0	33.3

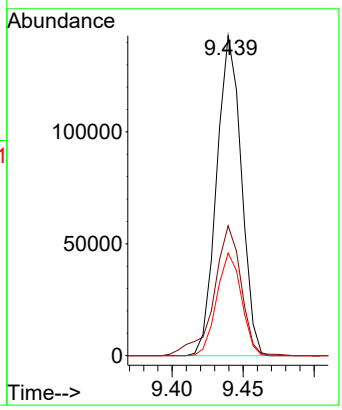




#47
2-Chloronaphthalene
Concen: 10.595 ng
RT: 9.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:162 Resp: 17283

Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.4	50.2
164	32.0	26.2	39.2



Instrument :
BNA_F
ClientSampleId :
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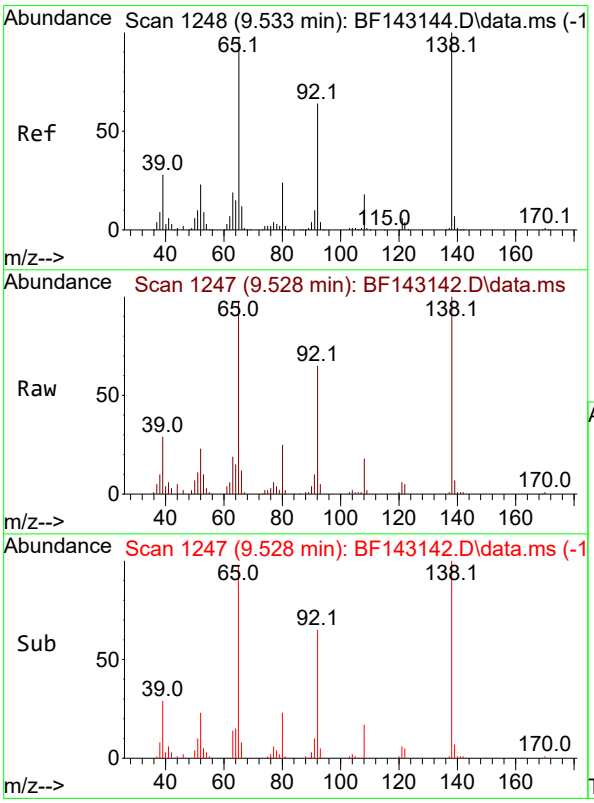
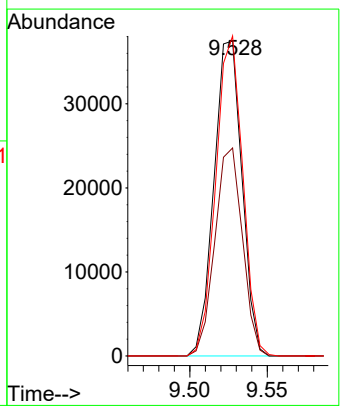
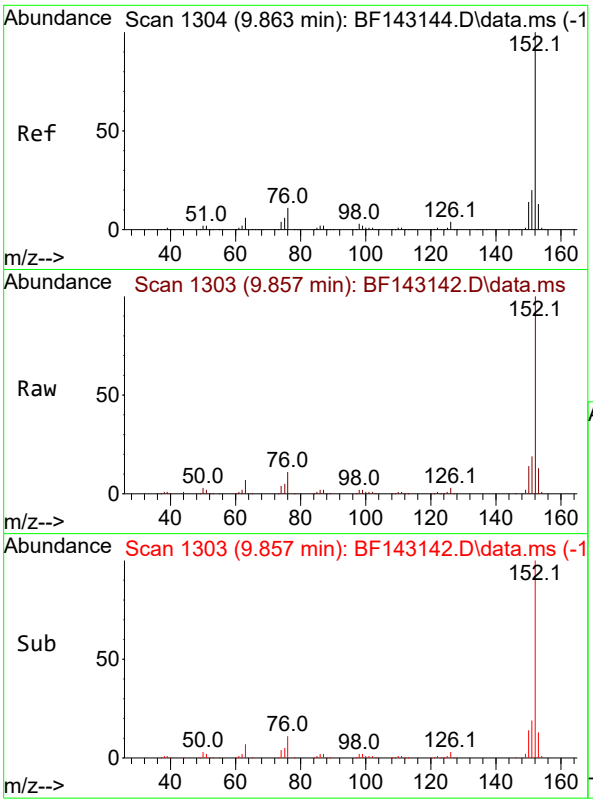


#48
2-Nitroaniline
Concen: 9.198 ng
RT: 9.528 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 65 Resp: 47055

Ion	Ratio	Lower	Upper
65	100		
92	66.0	52.4	78.6
138	101.6	82.3	123.5

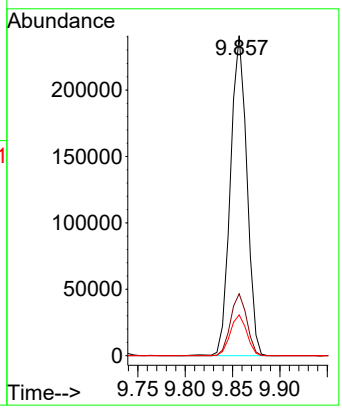




#49
Acenaphthylene
Concen: 10.607 ng
RT: 9.857 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:152 Resp: 28998

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.2	24.2
153	12.8	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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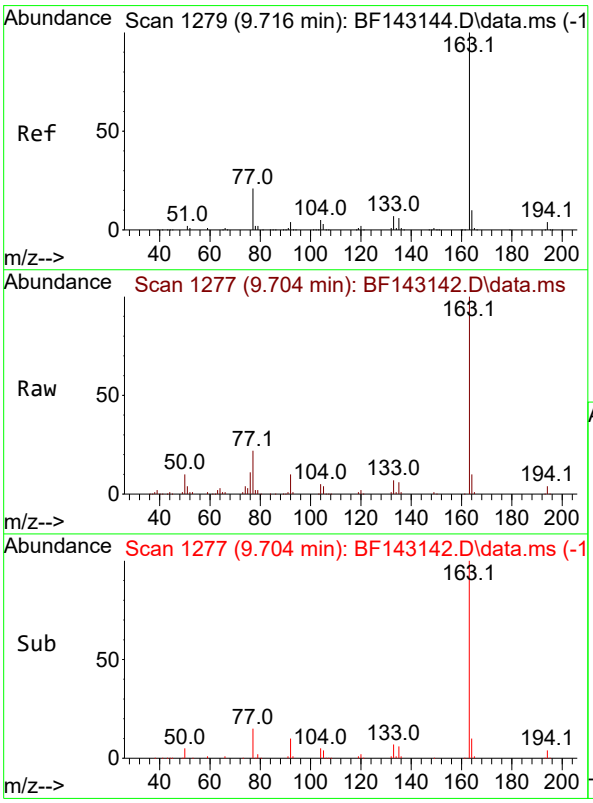
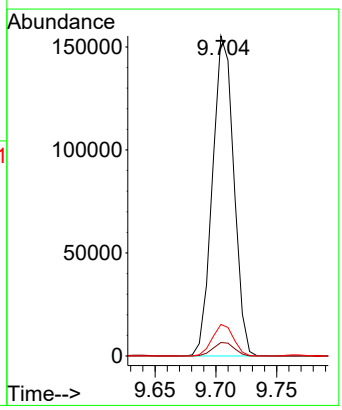
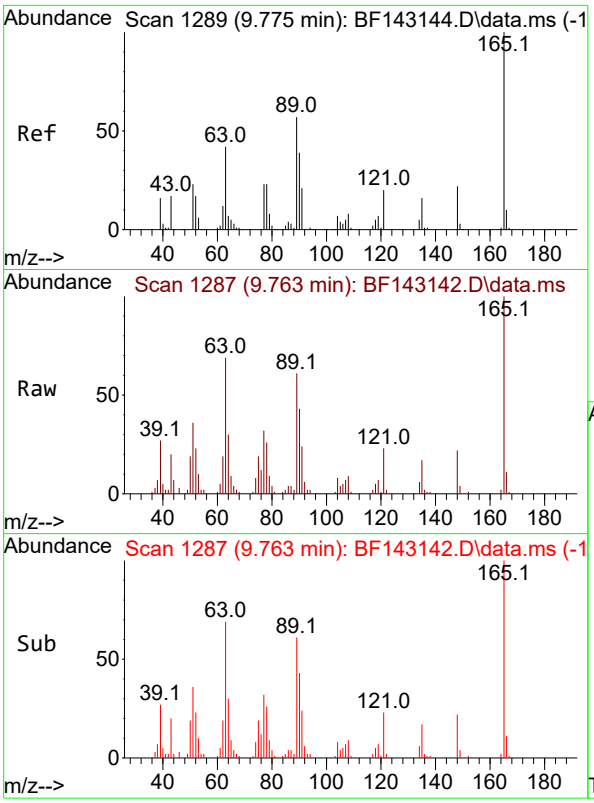


#50
Dimethylphthalate
Concen: 10.283 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:163 Resp: 189399

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.9	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 9.438 ng
RT: 9.763 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:165 Resp: 3536

Ion	Ratio	Lower	Upper
165	100		
63	68.8	49.4	74.2
89	60.6	46.2	69.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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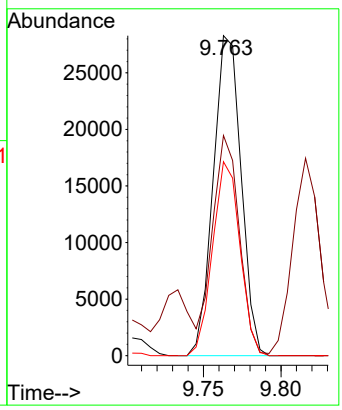
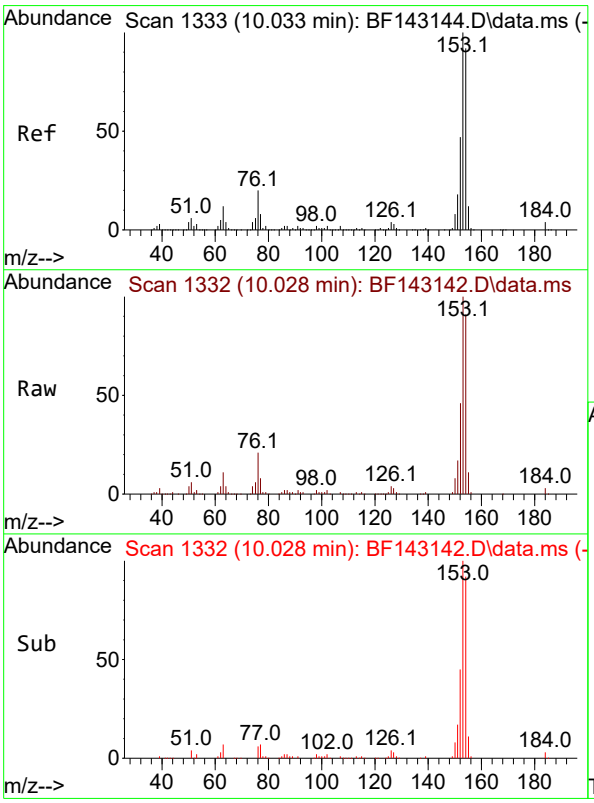
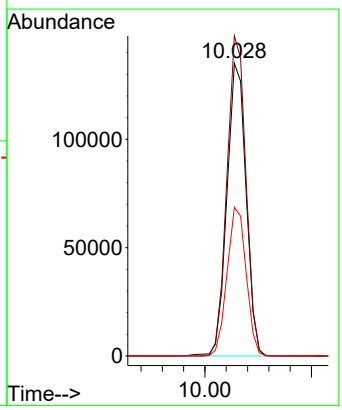


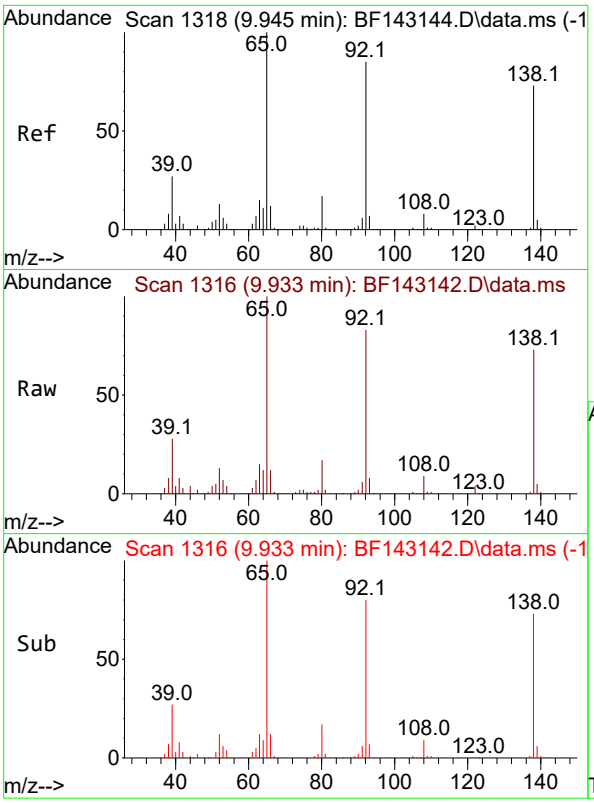


#52
Acenaphthene
Concen: 10.440 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:154 Resp: 168698

Ion	Ratio	Lower	Upper
154	100		
153	109.3	86.6	129.8
152	50.8	40.4	60.6





#53
3-Nitroaniline
Concen: 9.667 ng
RT: 9.933 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:138 Resp: 4236

Ion	Ratio	Lower	Upper
138	100		
108	12.7	9.0	13.6
92	112.9	93.0	139.4

Instrument :
BNA_F
ClientSampleId :
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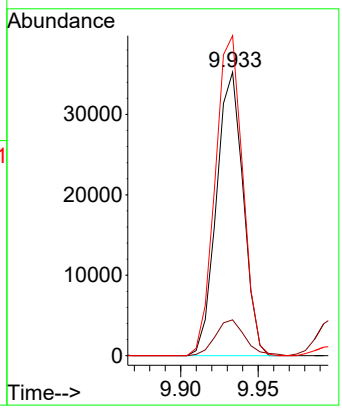
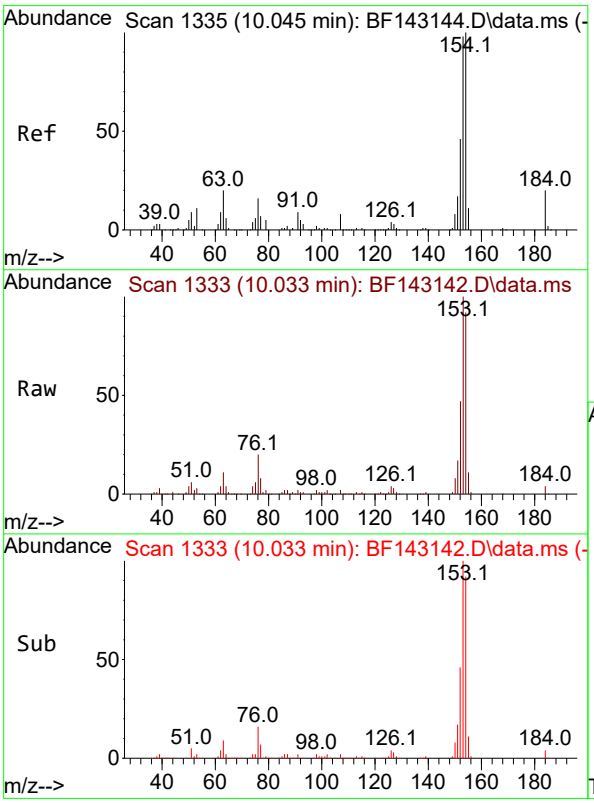
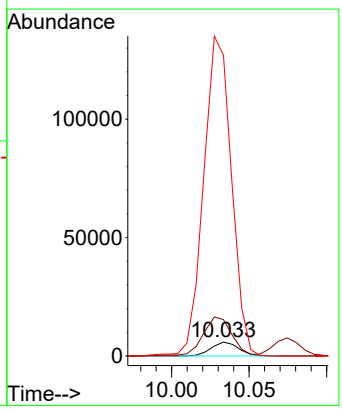


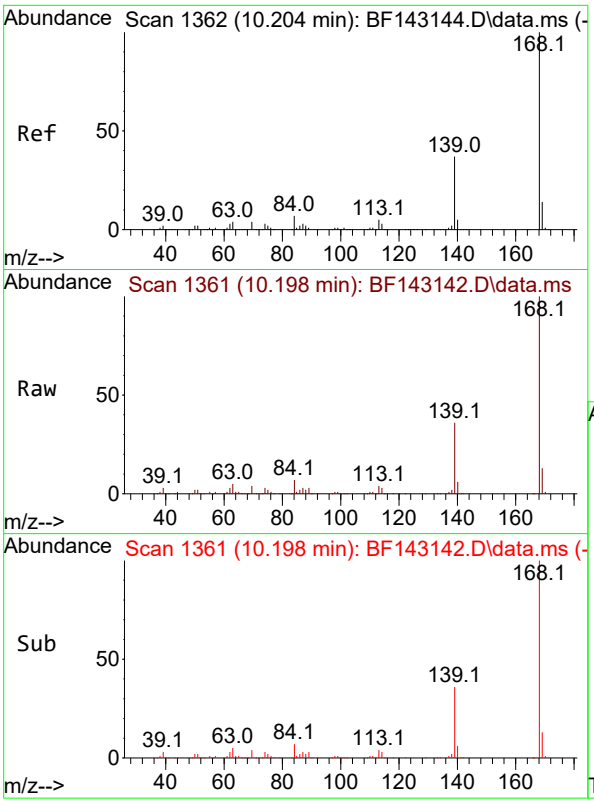


#54
2,4-Dinitrophenol
Concen: 10.522 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:184 Resp: 7147

Ion	Ratio	Lower	Upper
184	100		
63	261.5	81.8	122.6#
154	2164.9	412.2	618.4#

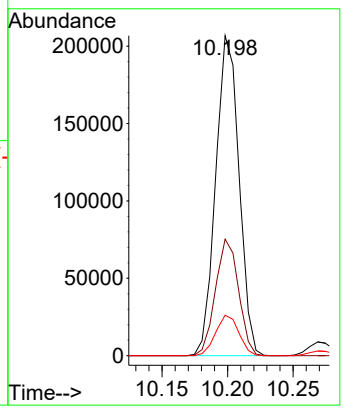




#55
Dibenzofuran
Concen: 10.641 ng
RT: 10.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:168 Resp: 25527

Ion	Ratio	Lower	Upper
168	100		
139	36.4	29.5	44.3
169	12.7	10.9	16.3



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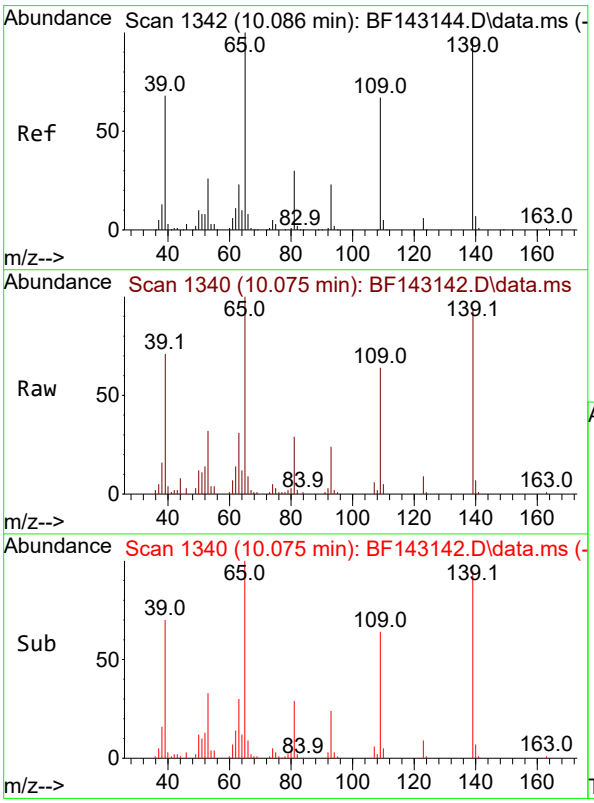
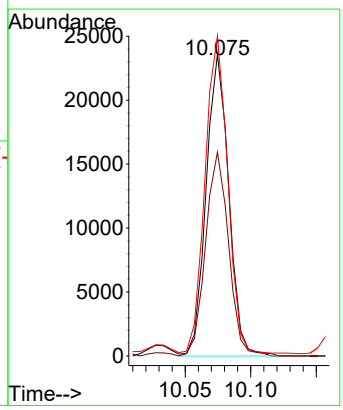
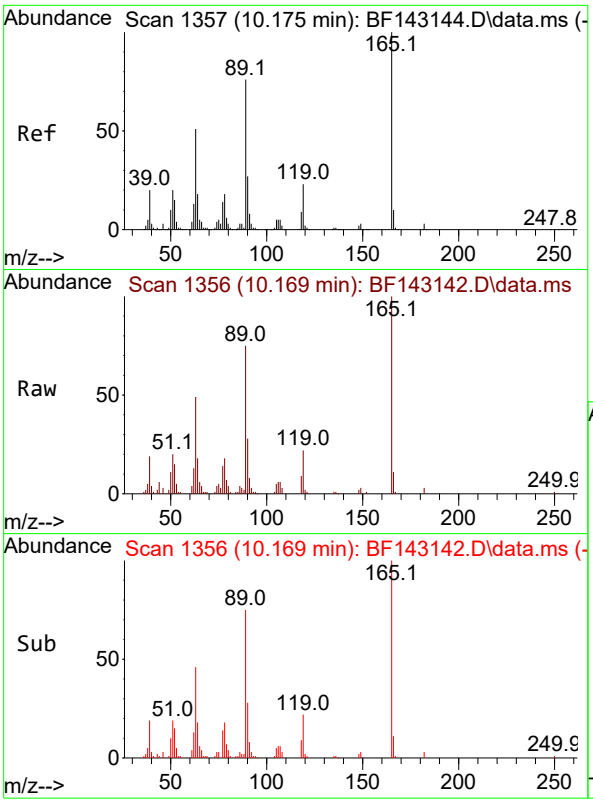


#56
4-Nitrophenol
Concen: 8.627 ng
RT: 10.075 min Scan# 1340
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:139 Resp: 28233

Ion	Ratio	Lower	Upper
139	100		
109	67.5	48.5	88.5
65	106.0	83.4	123.4

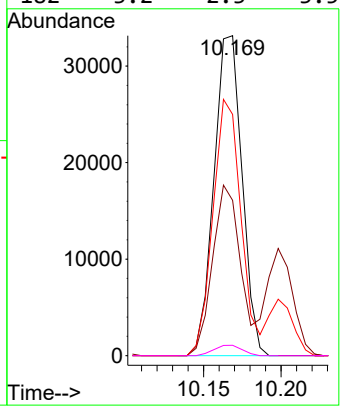




#57
2,4-Dinitrotoluene
Concen: 8.895 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:165 Resp: 4181

Ion	Ratio	Lower	Upper
165	100		
63	48.5	41.0	61.4
89	75.4	61.1	91.7
182	3.2	2.3	3.5



Instrument :
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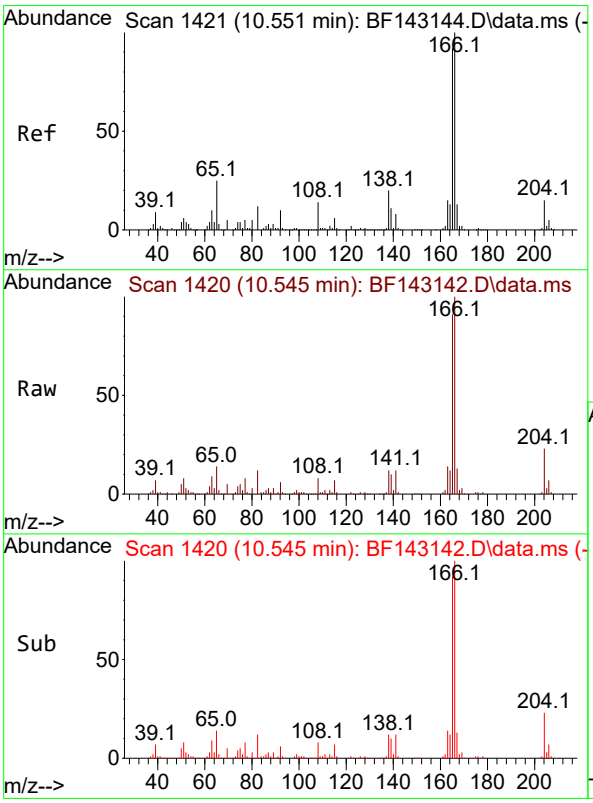
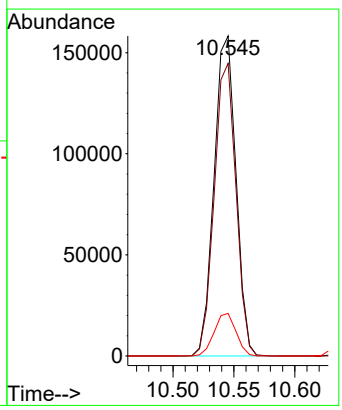
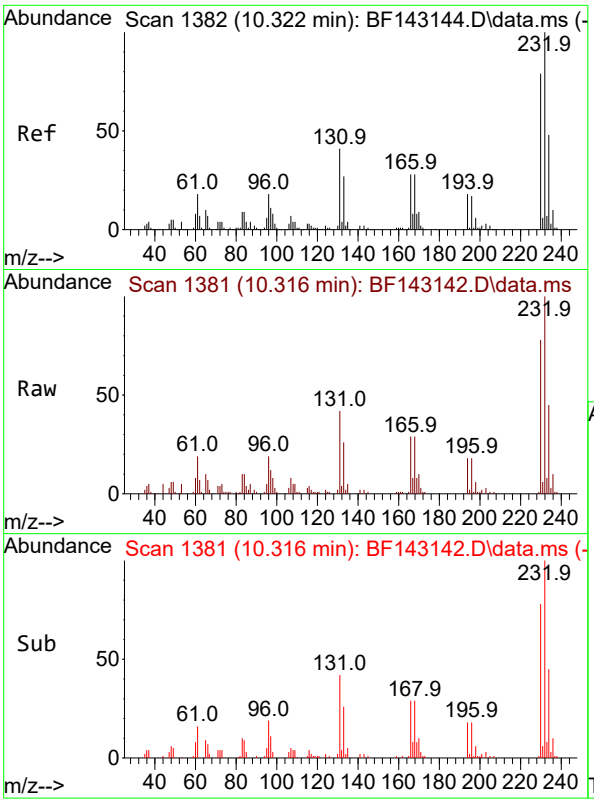


#58
Fluorene
Concen: 10.999 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:166 Resp: 198041

Ion	Ratio	Lower	Upper
166	100		
165	91.4	73.7	110.5
167	13.3	10.6	16.0

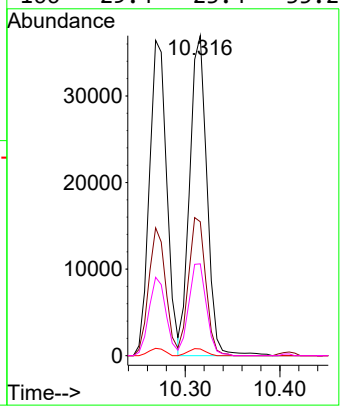




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.986 ng
RT: 10.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:232 Resp: 4672

Ion	Ratio	Lower	Upper
232	100		
131	43.0	35.3	52.9
130	2.2	1.7	2.5
166	29.4	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
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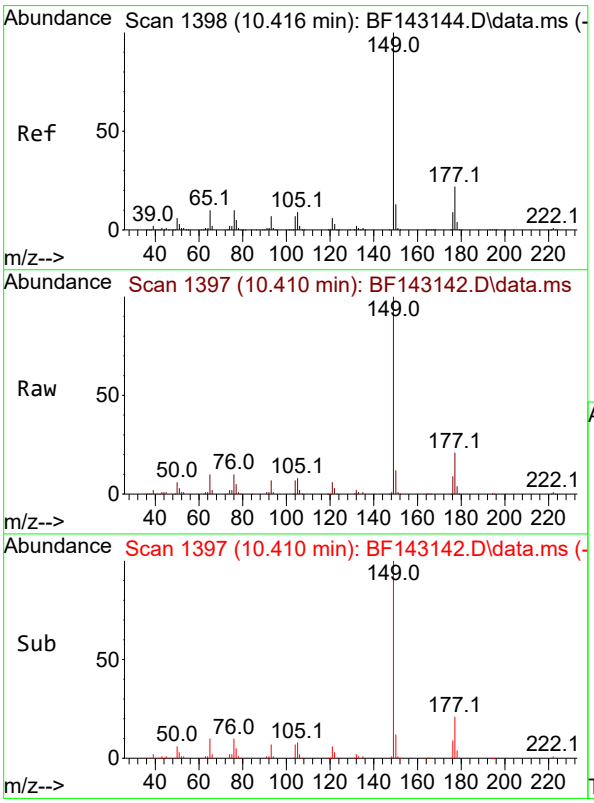
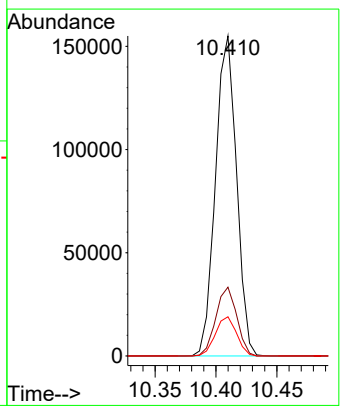
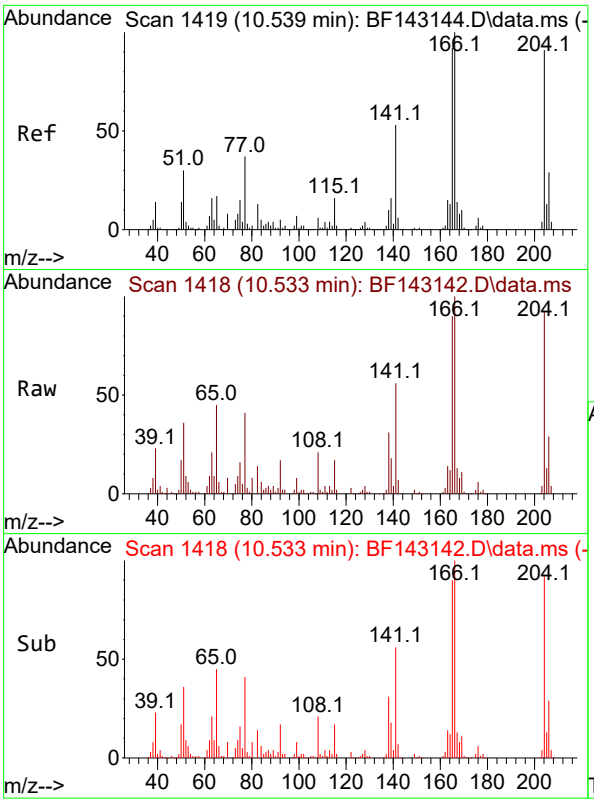


#60
Diethylphthalate
Concen: 10.261 ng
RT: 10.410 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:149 Resp: 186802

Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.5	26.3
150	12.3	10.2	15.2

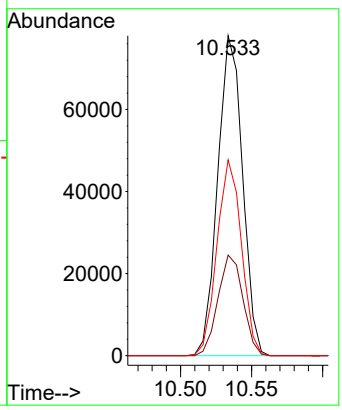




#61
4-Chlorophenyl-phenylether
Concen: 10.561 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:204 Resp: 9468

Ion	Ratio	Lower	Upper
204	100		
206	31.4	25.8	38.8
141	61.2	47.0	70.4



Instrument :
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ClientSampleId :
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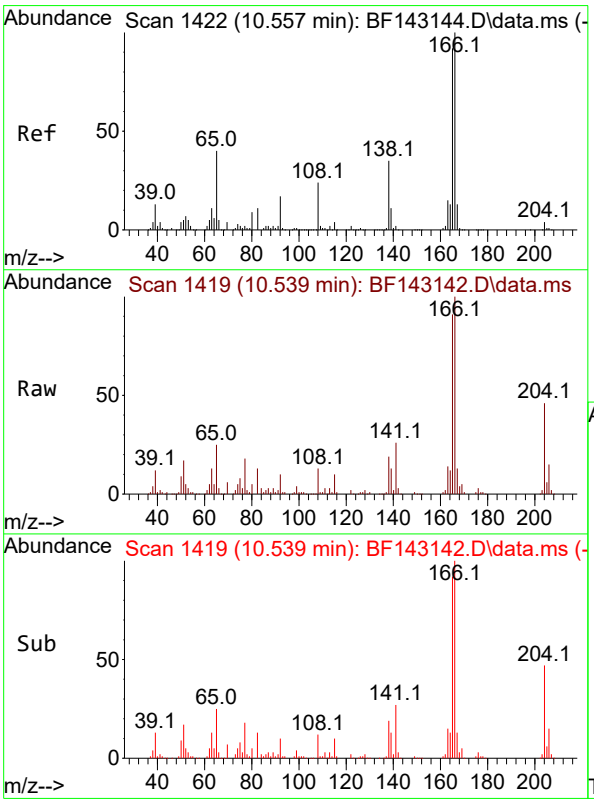
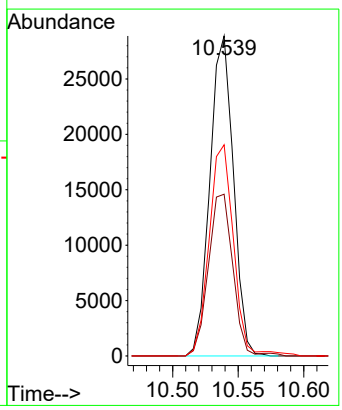
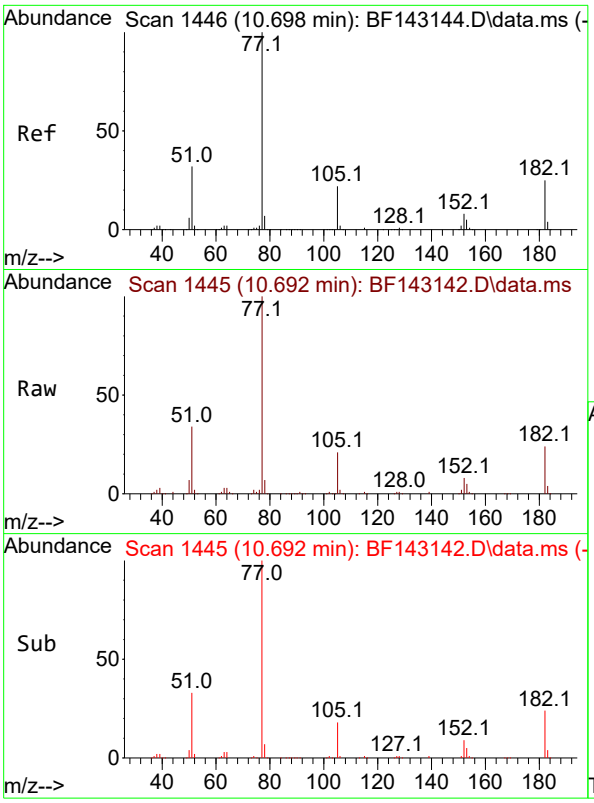


#62
4-Nitroaniline
Concen: 9.574 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:138 Resp: 35962

Ion	Ratio	Lower	Upper
138	100		
92	50.5	29.3	69.3
108	66.0	48.3	88.3

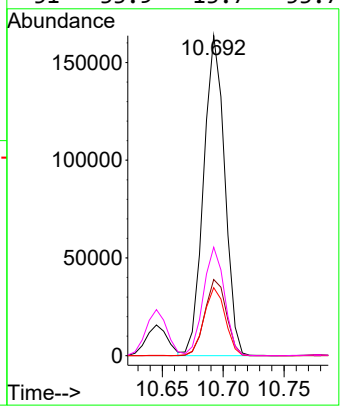




#63
Azobenzene
Concen: 10.435 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 77 Resp: 19799

Ion	Ratio	Lower	Upper
77	100		
182	23.8	4.6	44.6
105	21.2	1.4	41.4
51	33.9	13.7	53.7



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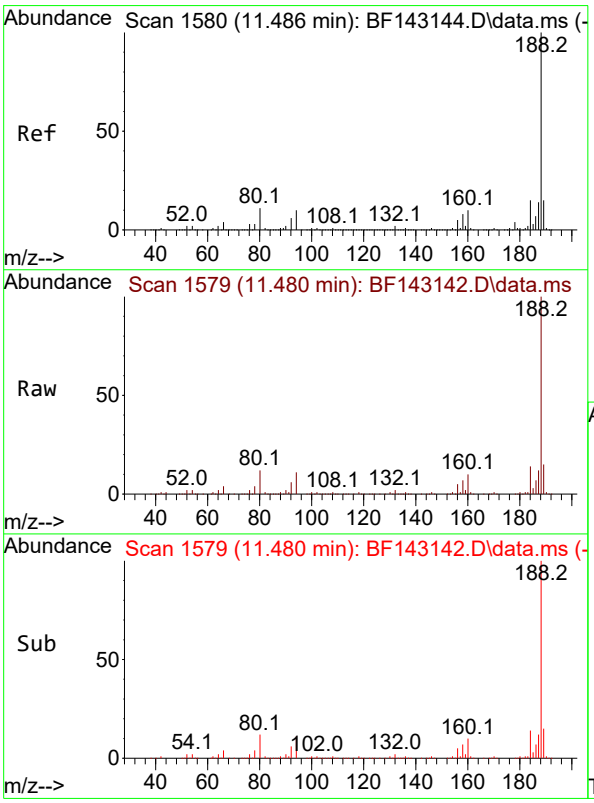
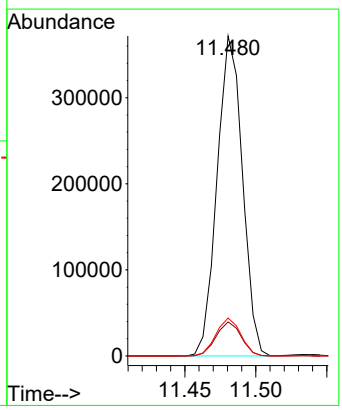
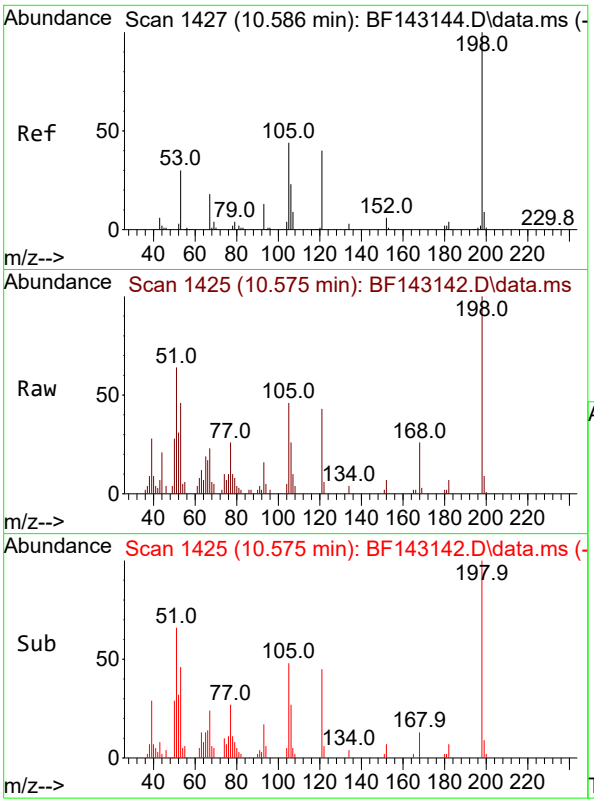


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:188 Resp: 461255

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.3	12.5
80	11.8	9.0	13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 10.014 ng
RT: 10.575 min Scan# 14
Delta R.T. -0.011 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:198 Resp: 1254

Ion	Ratio	Lower	Upper
198	100		
51	63.6	37.2	77.2
105	46.4	24.8	64.8

Instrument :
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ClientSampleId :
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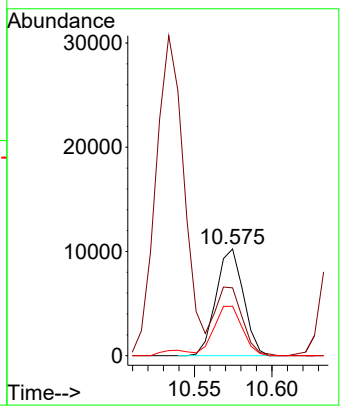
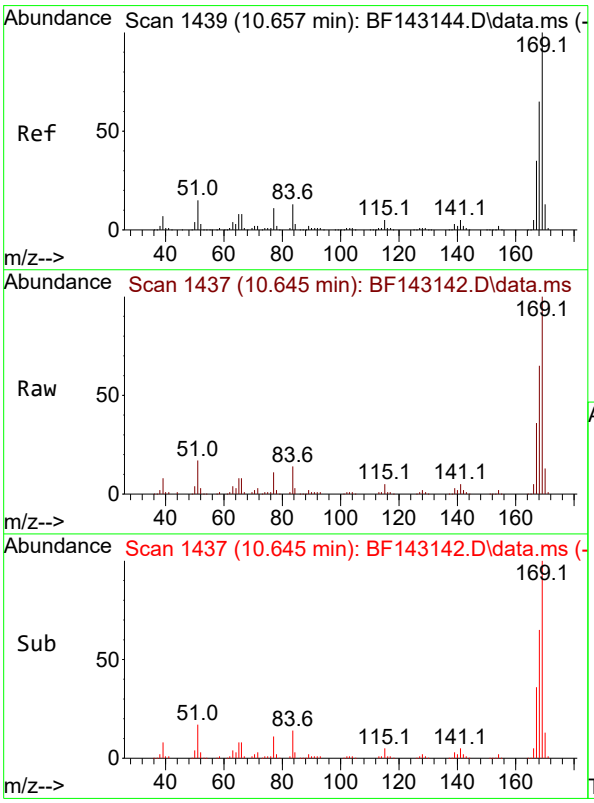
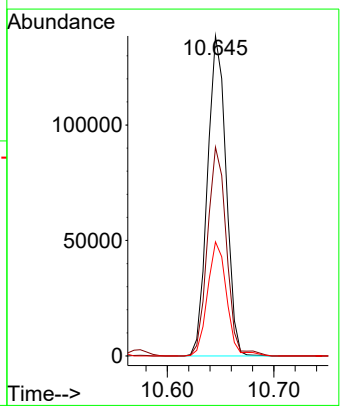


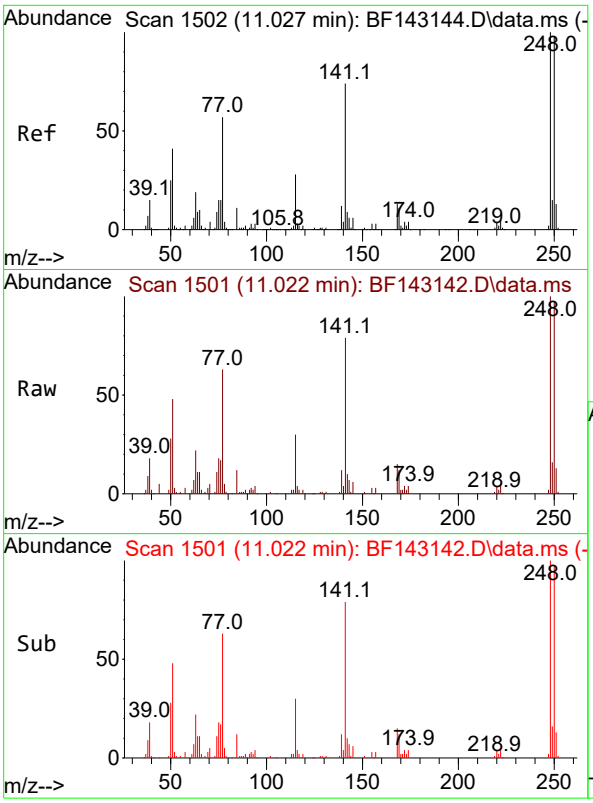


#66
n-Nitrosodiphenylamine
Concen: 10.337 ng
RT: 10.645 min Scan# 1437
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:169 Resp: 167901

Ion	Ratio	Lower	Upper
169	100		
168	65.2	52.1	78.1
167	35.6	28.2	42.2

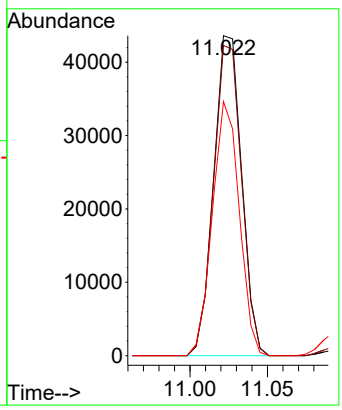




#67
4-Bromophenyl-phenylether
Concen: 9.978 ng
RT: 11.022 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:248 Resp: 5484

Ion	Ratio	Lower	Upper
248	100		
250	97.0	78.3	117.5
141	79.4	59.2	88.8



Instrument :
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ClientSampleId :
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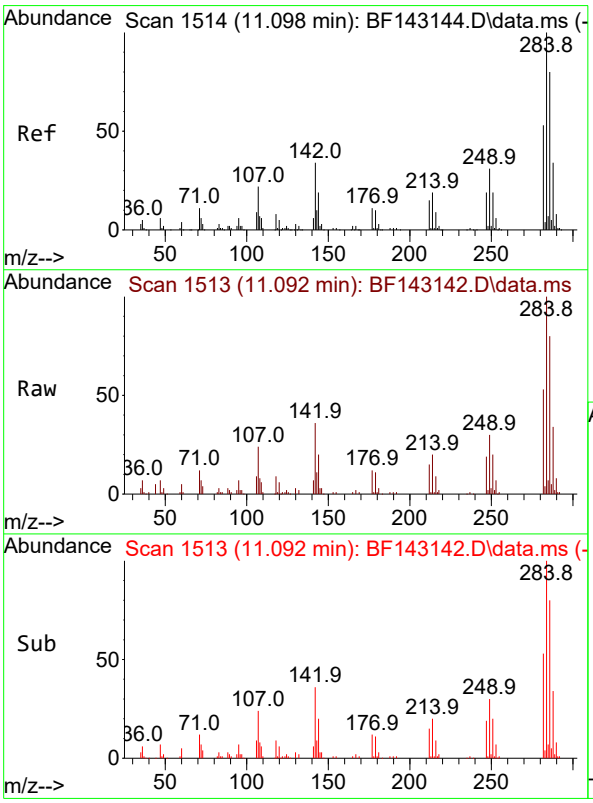
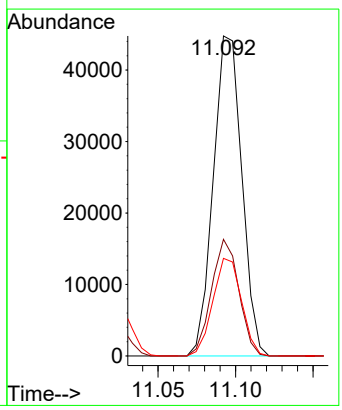
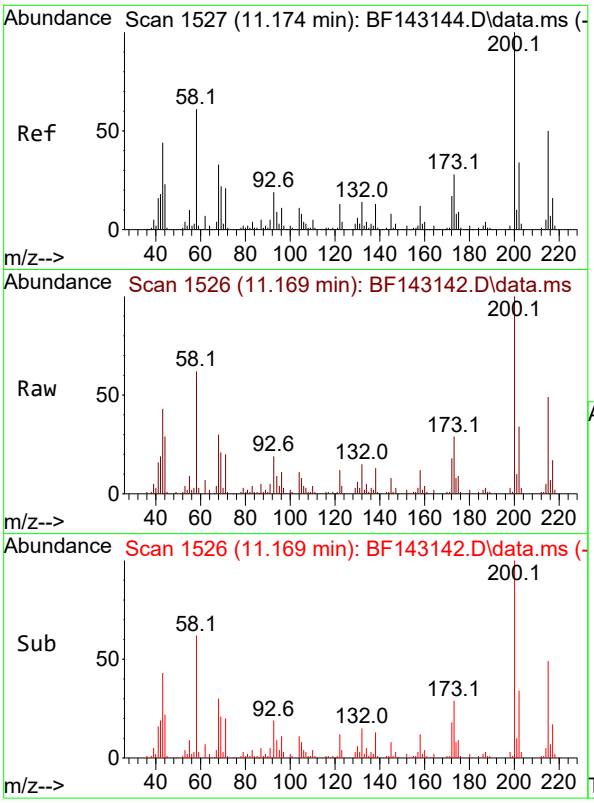


#68
Hexachlorobenzene
Concen: 9.974 ng
RT: 11.092 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:284 Resp: 57305

Ion	Ratio	Lower	Upper
284	100		
142	36.4	27.0	40.6
249	30.5	25.0	37.6

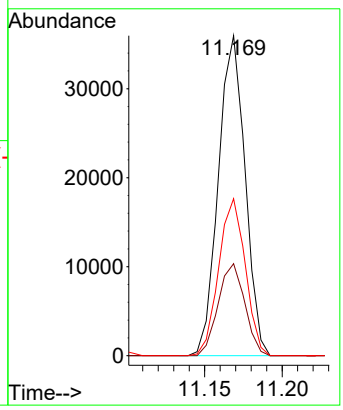




#69
Atrazine
Concen: 9.613 ng
RT: 11.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:200 Resp: 4304

Ion	Ratio	Lower	Upper
200	100		
173	28.7	7.9	47.9
215	49.1	30.1	70.1



Instrument :
BNA_F
ClientSampleId :
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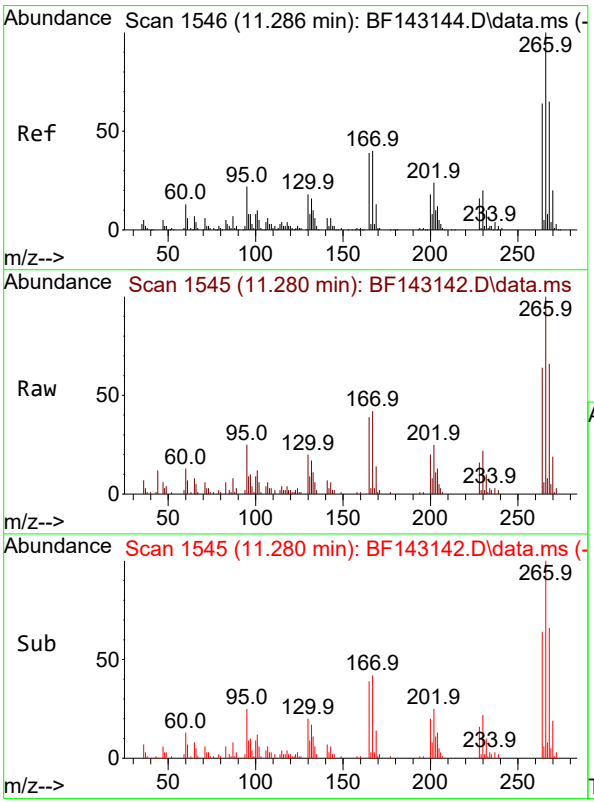
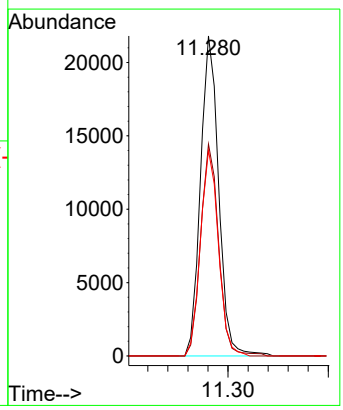
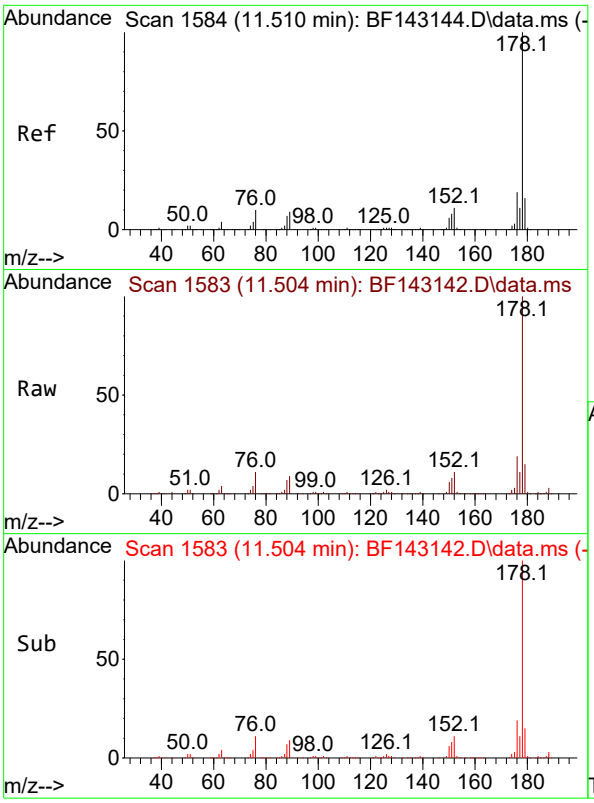


#70
Pentachlorophenol
Concen: 8.148 ng
RT: 11.280 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:266 Resp: 27529

Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.9	77.9
264	64.3	51.0	76.6

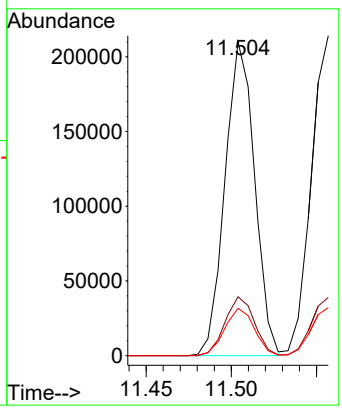




#71
Phenanthrene
Concen: 10.361 ng
RT: 11.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:178 Resp: 25375

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.1	12.5	18.7



Instrument :
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ClientSampleId :
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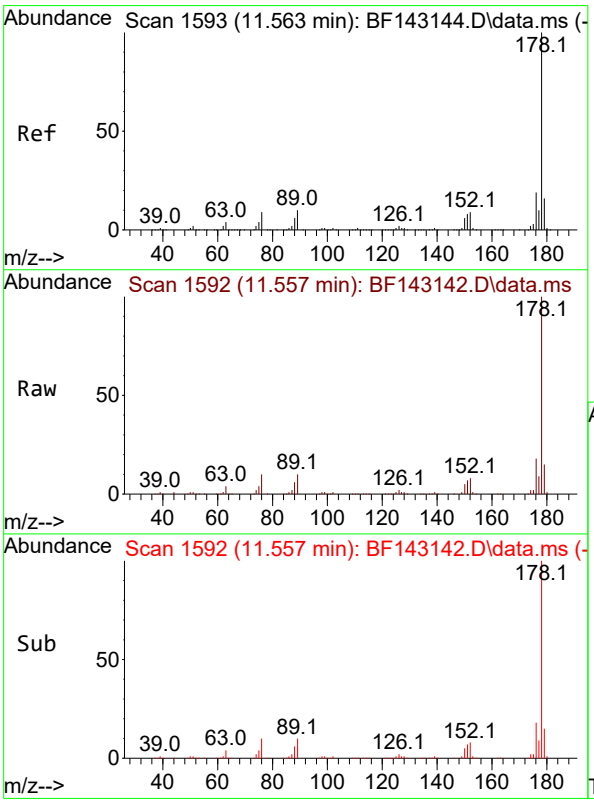
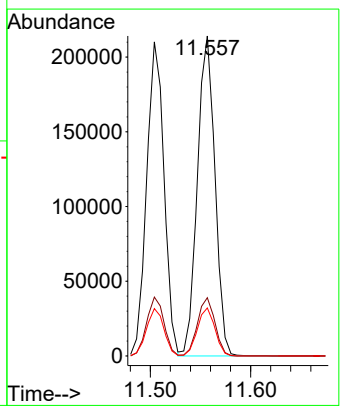
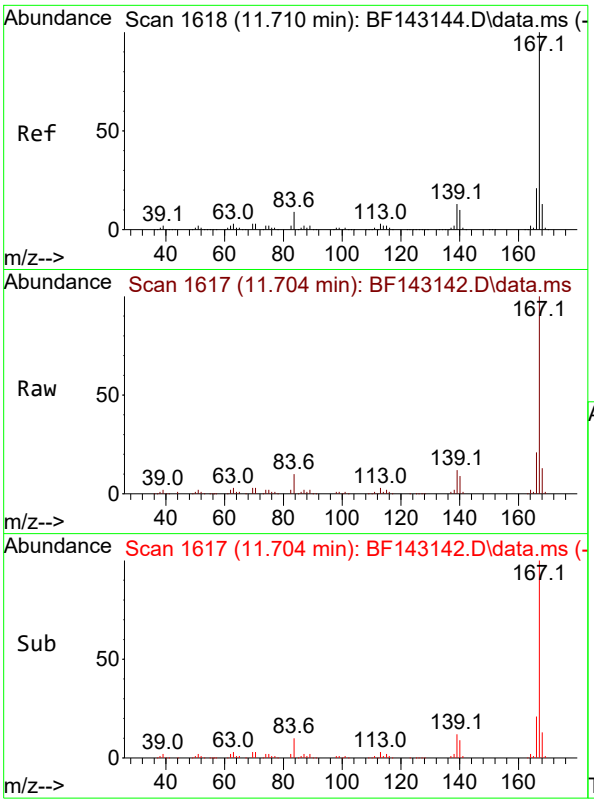


#72
Anthracene
Concen: 10.487 ng
RT: 11.557 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:178 Resp: 261960

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	15.0	12.5	18.7

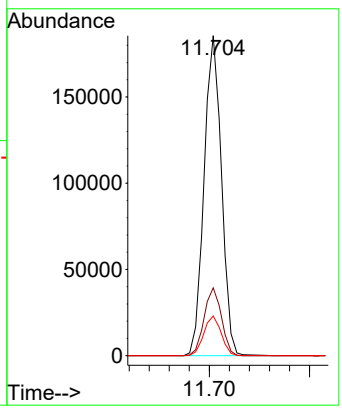




#73
Carbazole
Concen: 10.241 ng
RT: 11.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:167 Resp: 22337

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	12.4	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
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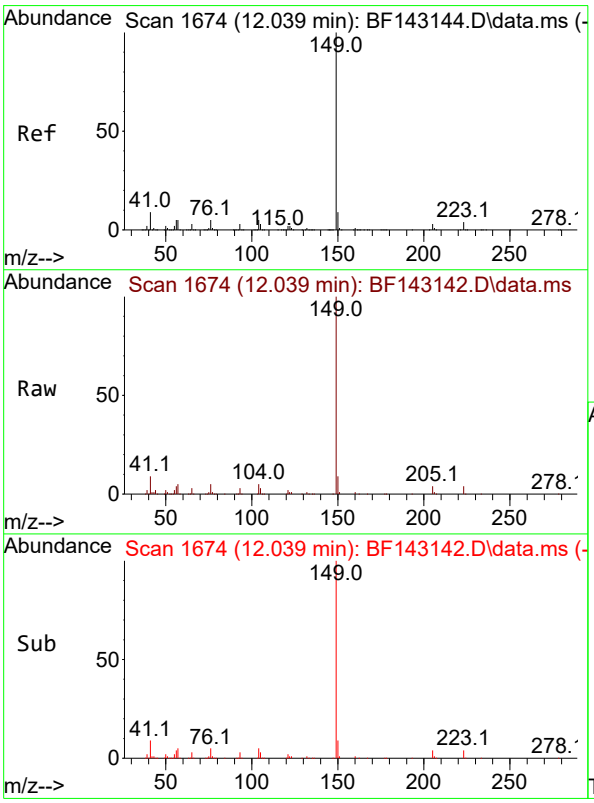
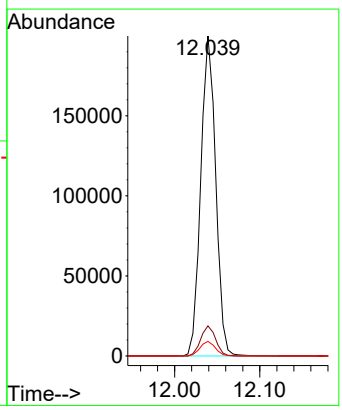
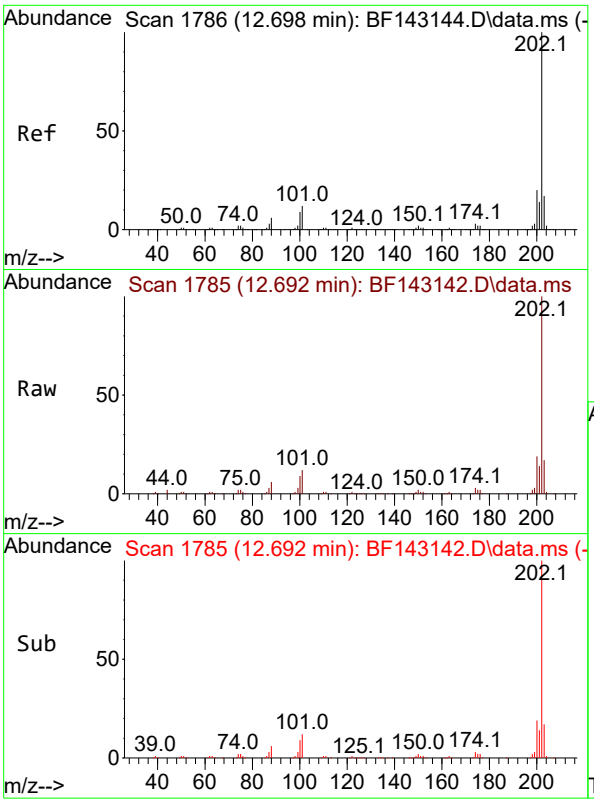


#74
Di-n-butylphthalate
Concen: 9.852 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:149 Resp: 243142

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	4.6	3.8	5.8

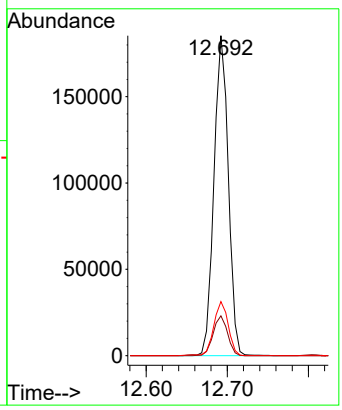




#75
Fluoranthene
Concen: 10.129 ng
RT: 12.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:202 Resp: 22770

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.7
203	16.9	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
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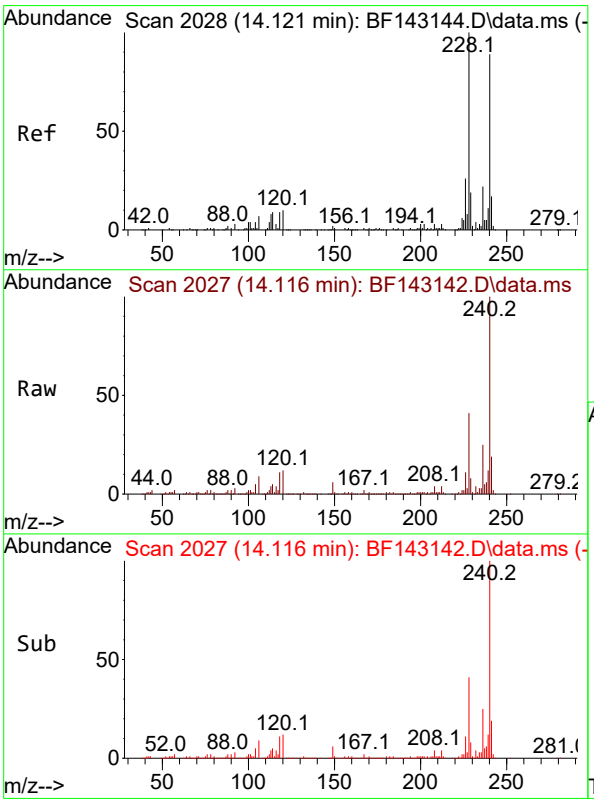
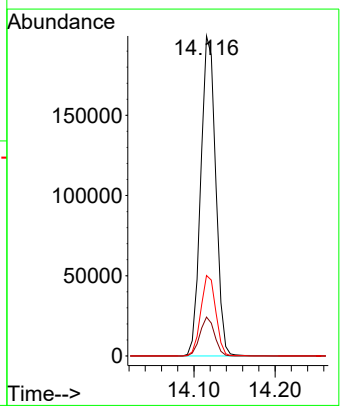
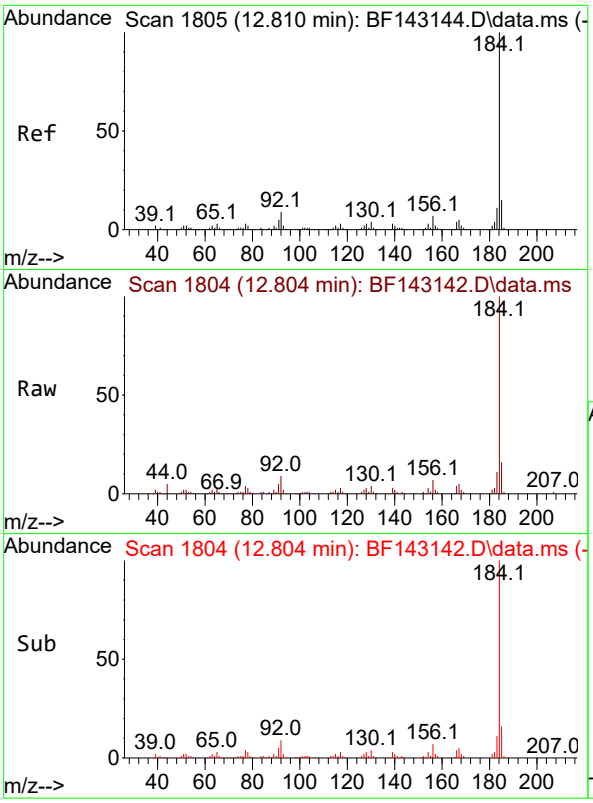


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:240 Resp: 254650

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.4	14.2
236	25.1	20.2	30.4

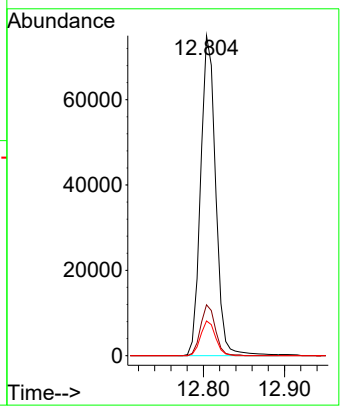




#77
Benzidine
Concen: 9.834 ng
RT: 12.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:184 Resp: 9648

Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.2	18.4
183	10.9	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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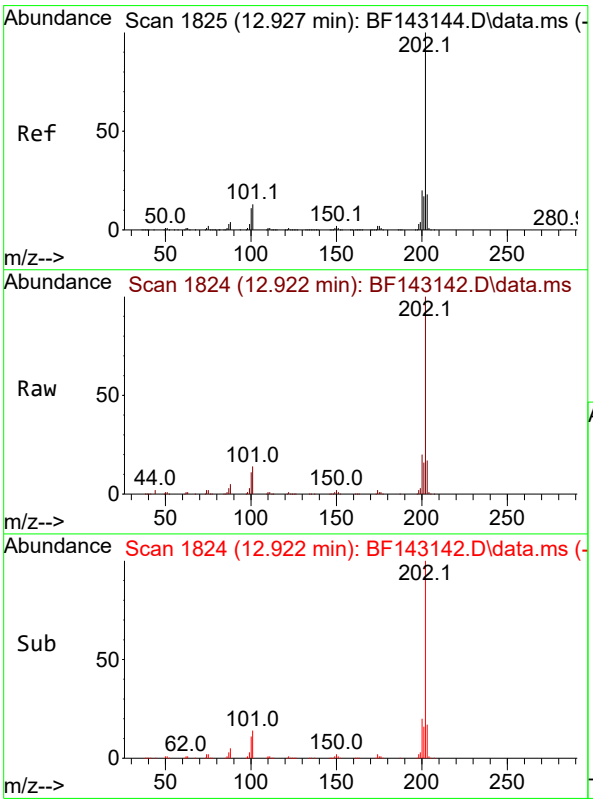
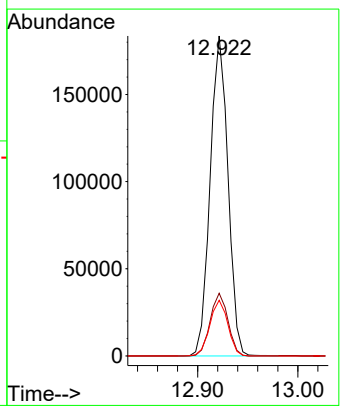
Supervised By :Jagrut Upadhyay 07/18/2025

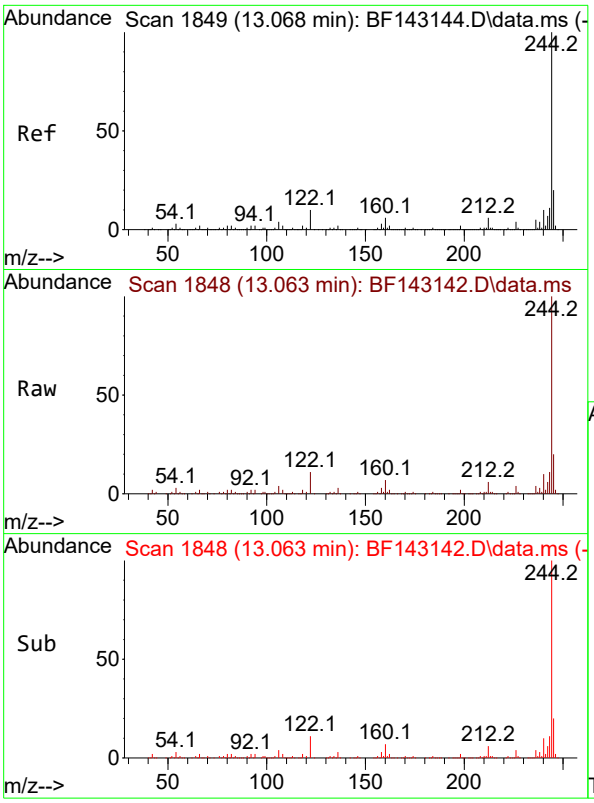


#78
Pyrene
Concen: 10.445 ng
RT: 12.922 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:202 Resp: 227008

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.7	23.5
203	17.4	14.2	21.2

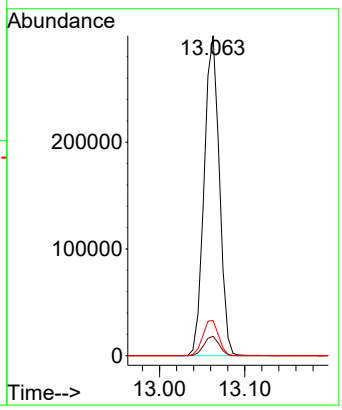




#79
Terphenyl-d14
Concen: 21.669 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:244 Resp: 37080

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.2	7.8
122	11.0	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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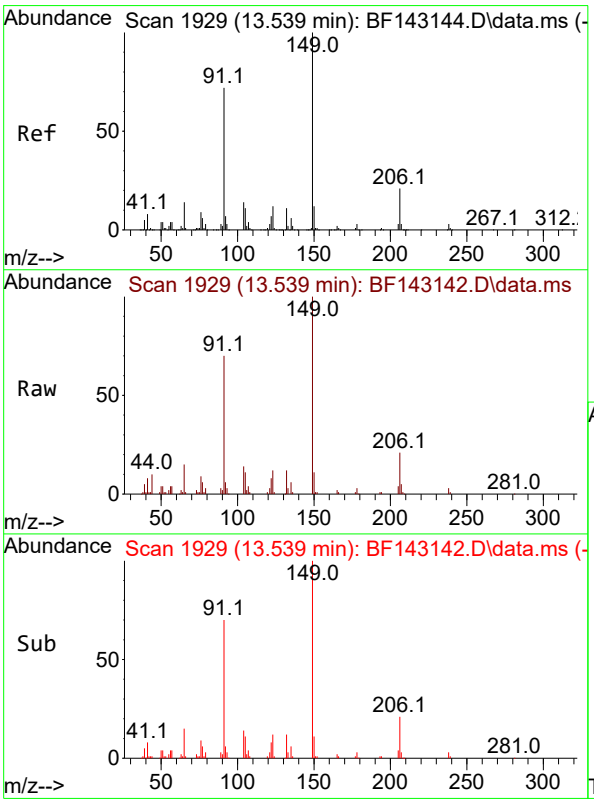
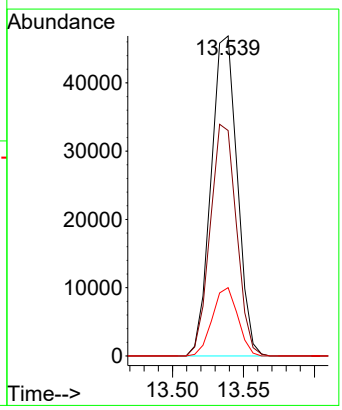
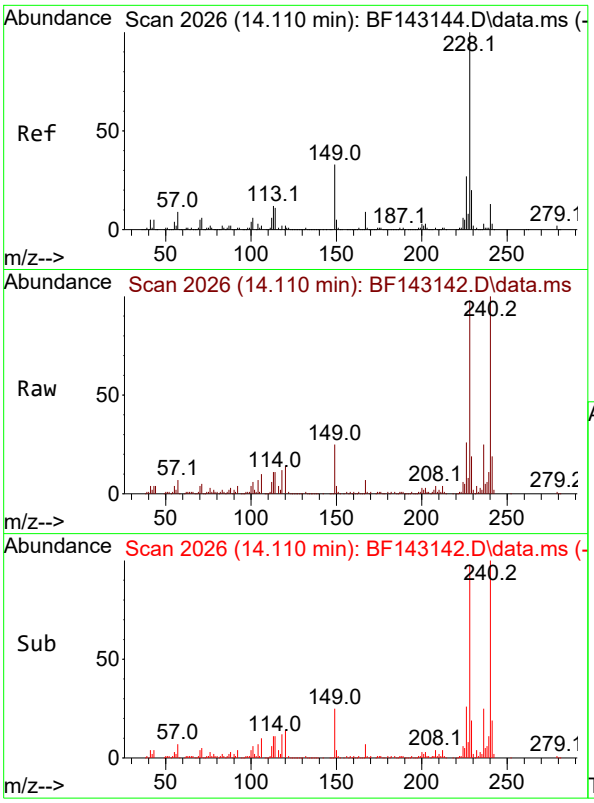


#80
Butylbenzylphthalate
Concen: 9.024 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:149 Resp: 60055

Ion	Ratio	Lower	Upper
149	100		
91	70.4	57.9	86.9
206	21.3	17.0	25.4

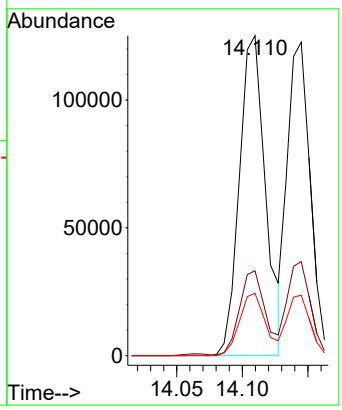




#81
Benzo(a)anthracene
Concen: 10.207 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:228 Resp: 17402

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.7	32.5
229	19.5	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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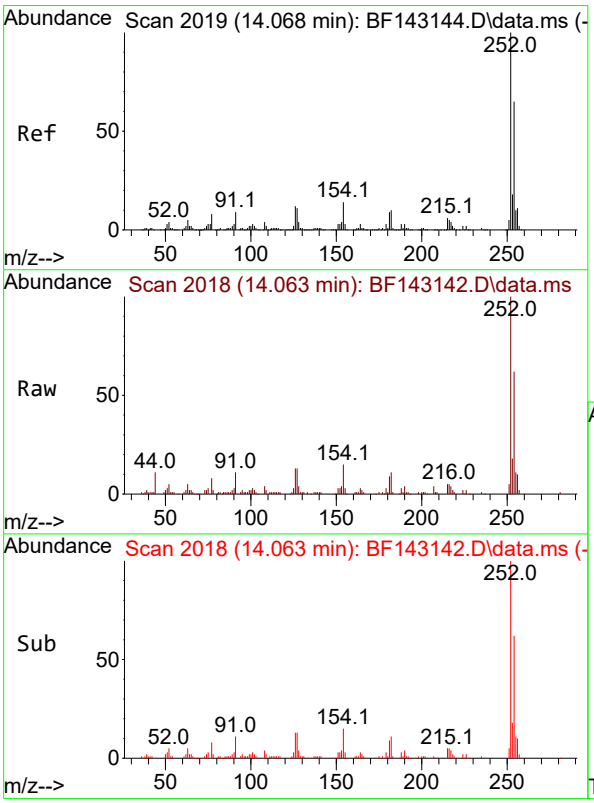
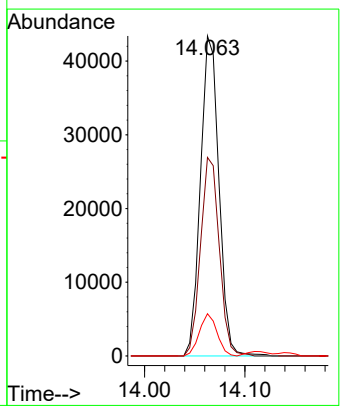
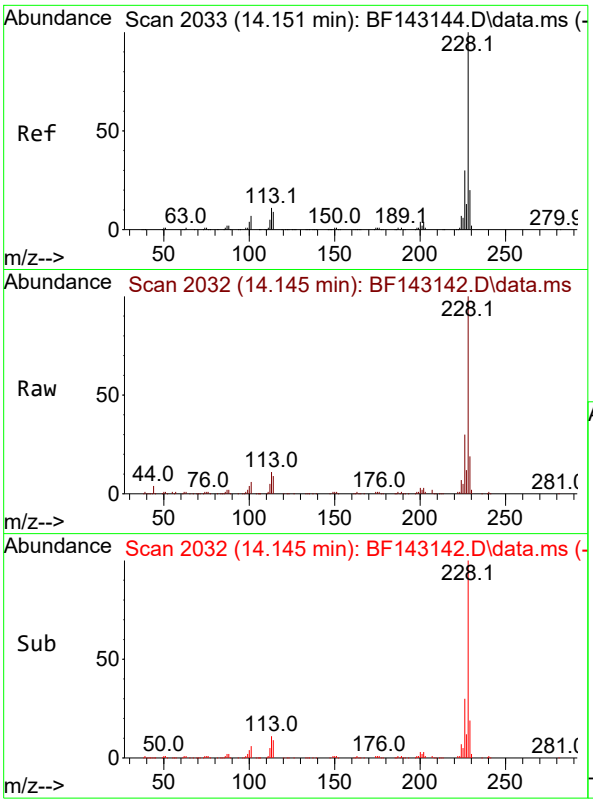


#82
3,3'-Dichlorobenzidine
Concen: 9.802 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:252 Resp: 55694

Ion	Ratio	Lower	Upper
252	100		
254	62.0	51.7	77.5
126	13.2	9.4	14.0

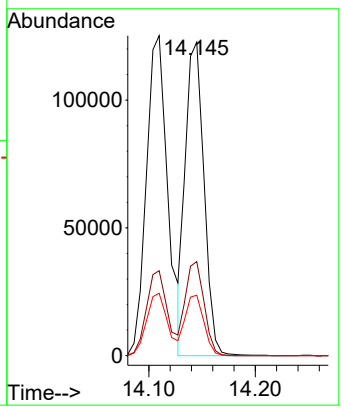




#83
Chrysene
Concen: 9.750 ng
RT: 14.145 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:228 Resp: 14944(

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.8
229	19.3	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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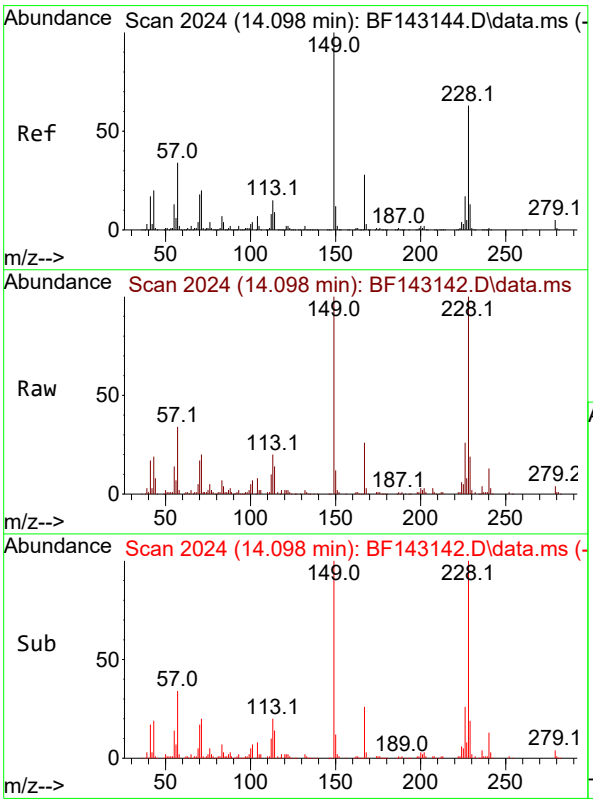
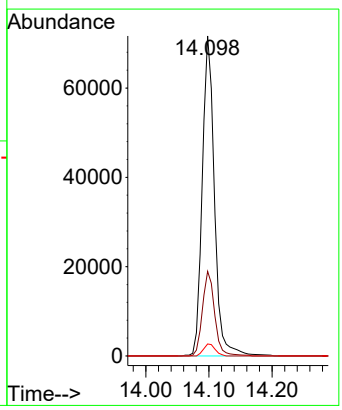
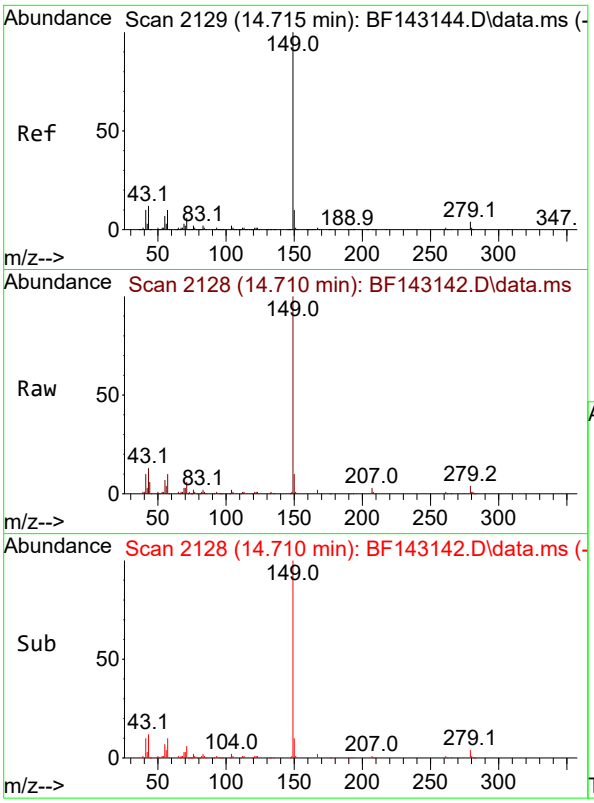


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.549 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:149 Resp: 96191

Ion	Ratio	Lower	Upper
149	100		
167	26.5	22.3	33.5
279	3.7	3.6	5.4

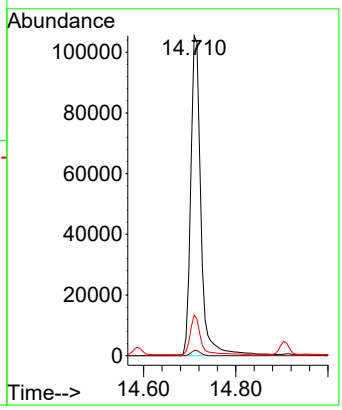




#85
Di-n-octyl phthalate
Concen: 8.881 ng
RT: 14.710 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:149 Resp: 16215

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	12.7	9.7	14.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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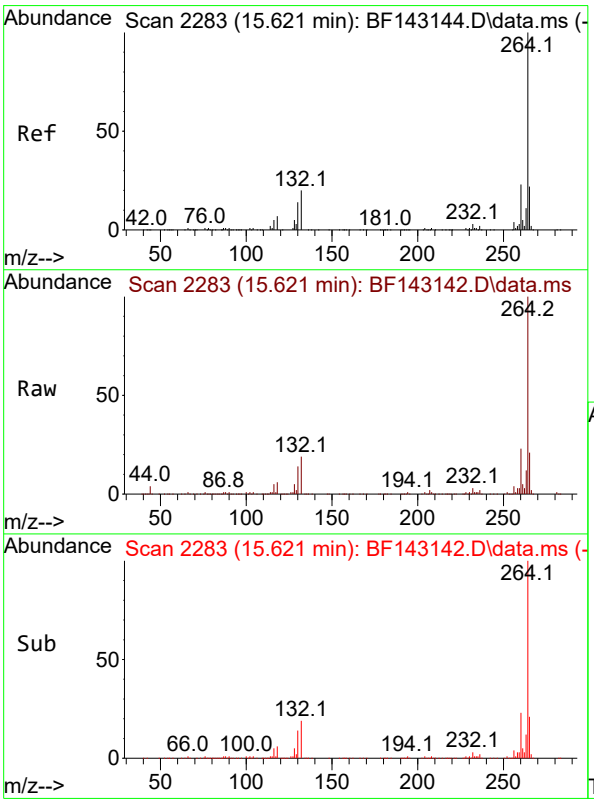
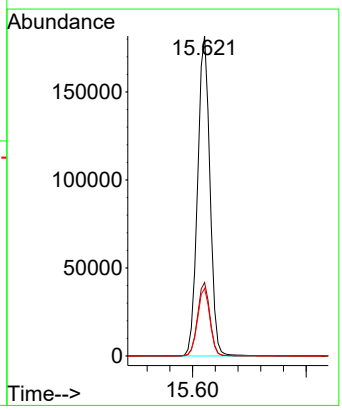
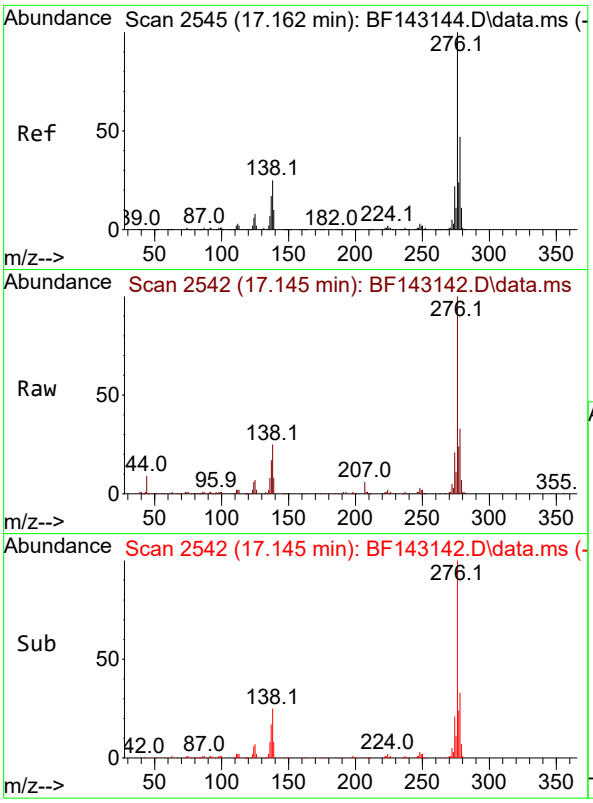


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:264 Resp: 273706

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.5	27.7
265	21.1	17.4	26.2

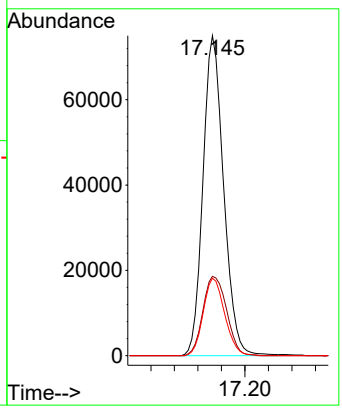




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.475 ng
RT: 17.145 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:276 Resp: 18286

Ion	Ratio	Lower	Upper
276	100		
138	28.3	21.8	32.6
277	25.1	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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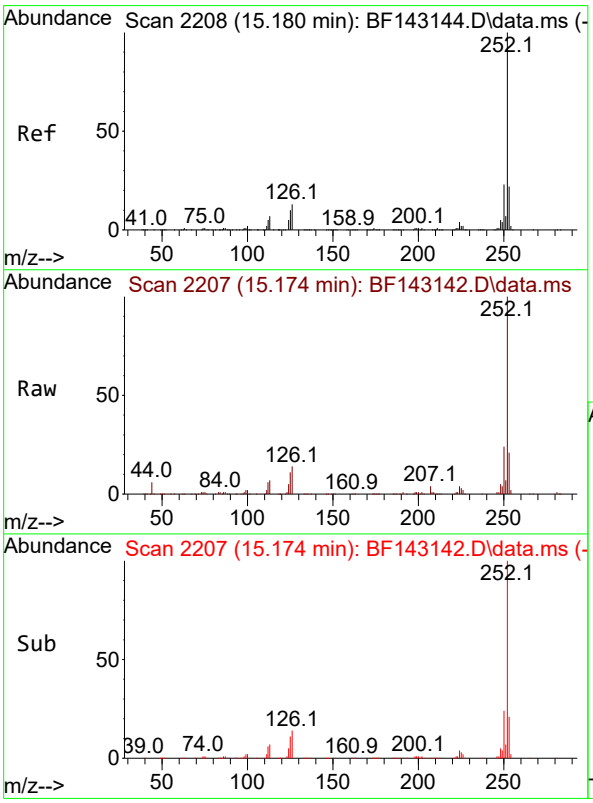
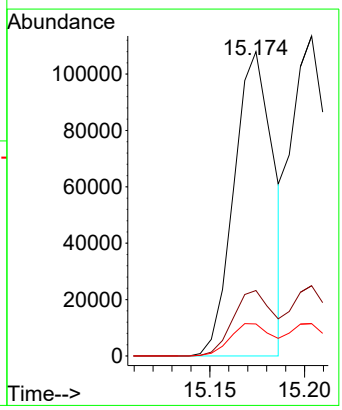
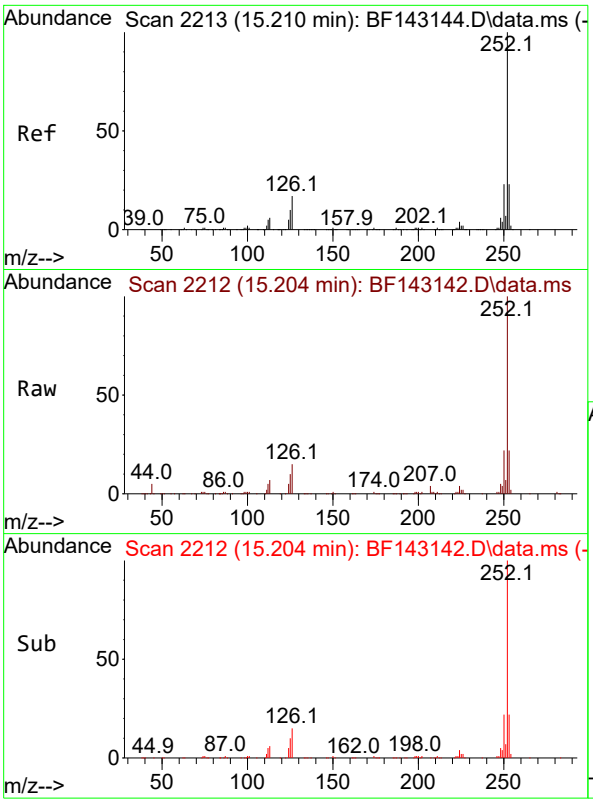


#88
Benzo(b)fluoranthene
Concen: 9.296 ng
RT: 15.174 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:252 Resp: 155430

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	10.5	8.0	12.0

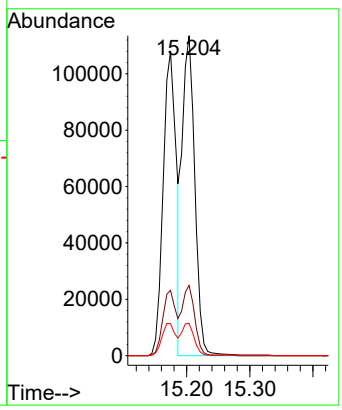




#89
Benzo(k)fluoranthene
Concen: 10.567 ng
RT: 15.204 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:252 Resp: 15766

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.1	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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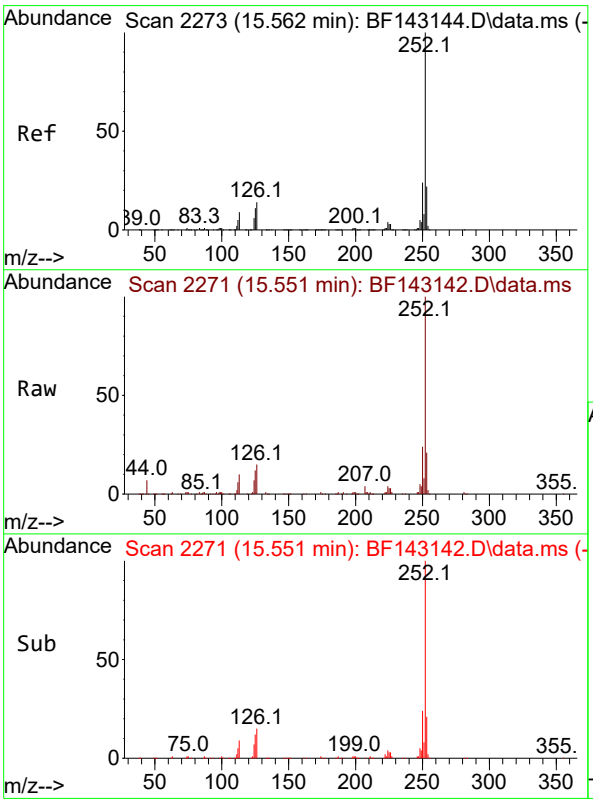
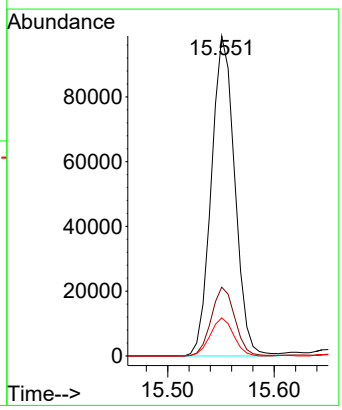
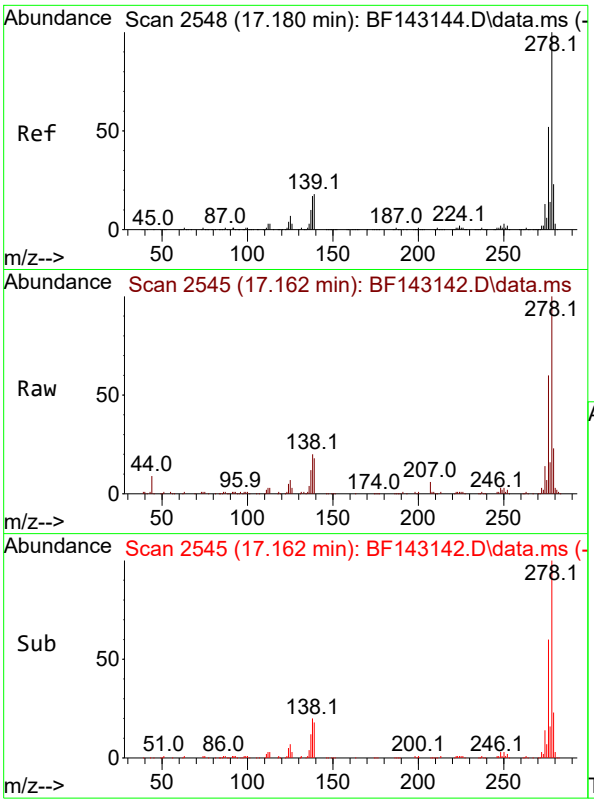


#90
Benzo(a)pyrene
Concen: 9.792 ng
RT: 15.551 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:252 Resp: 150853

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.3	25.9
125	11.9	8.6	13.0

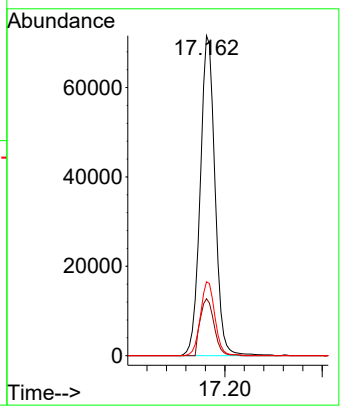




#91
Dibenzo(a,h)anthracene
Concen: 9.611 ng
RT: 17.162 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:278 Resp: 15097

Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.1	21.1
279	23.1	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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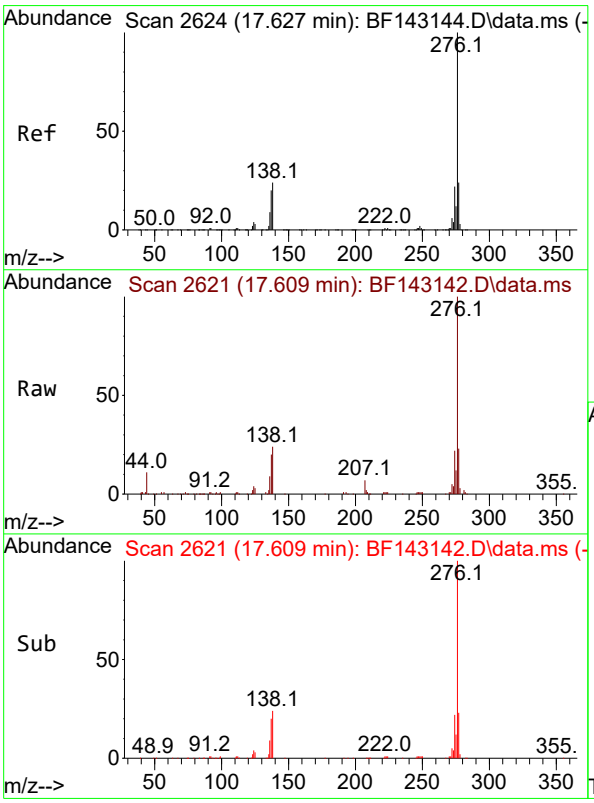
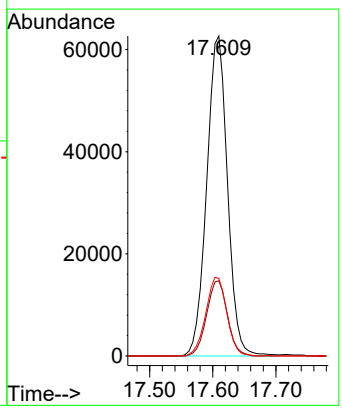


#92
Benzo(g,h,i)perylene
Concen: 9.433 ng
RT: 17.609 min Scan# 2621
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:276 Resp: 143342

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	24.2	18.9	28.3



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Data File : BF143143.D
Acq On : 17 Jul 2025 12:34
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:02:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	168491	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	642580	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	329670	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	532921	20.000	ng		0.00
76) Chrysene-d12	14.121	240	305398	20.000	ng		0.00
86) Perylene-d12	15.621	264	338518	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	444546	41.752	ng		0.00
7) Phenol-d6	6.575	99	558427	41.668	ng		-0.01
23) Nitrobenzene-d5	7.516	82	535581m	41.547	ng		0.00
42) 2,4,6-Tribromophenol	10.780	330	139748	41.034	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1019688	42.301	ng		0.00
79) Terphenyl-d14	13.063	244	866830	42.238	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.810	88	103481	20.540	ng		99
3) Pyridine	3.581	79	261405	19.990	ng		99
4) n-Nitrosodimethylamine	3.510	42	134638	19.942	ng		99
6) Aniline	6.622	93	382991	20.505	ng		99
8) 2-Chlorophenol	6.745	128	231044	20.702	ng		98
9) Benzaldehyde	6.510	77	196003	19.504	ng		98
10) Phenol	6.593	94	299259m	20.497	ng		
11) bis(2-Chloroethyl)ether	6.692	93	232425	20.792	ng		98
12) 1,3-Dichlorobenzene	6.904	146	251734	20.763	ng		99
13) 1,4-Dichlorobenzene	6.981	146	253137	20.733	ng		100
14) 1,2-Dichlorobenzene	7.134	146	243437	20.963	ng		99
15) Benzyl Alcohol	7.092	79	210016	20.524	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	428827	20.680	ng		100
17) 2-Methylphenol	7.198	107	192172	20.479	ng		99
18) Hexachloroethane	7.481	117	88036	20.828	ng		98
19) n-Nitroso-di-n-propyla...	7.363	70	173142	20.137	ng		97
20) 3+4-Methylphenols	7.351	107	247578	21.745	ng		96
22) Acetophenone	7.363	105	321774	21.151	ng	#	99
24) Nitrobenzene	7.534	77	249251	20.739	ng		98
25) Isophorone	7.775	82	457146	20.088	ng		99
26) 2-Nitrophenol	7.851	139	105681	20.261	ng		98
27) 2,4-Dimethylphenol	7.887	122	218960	20.594	ng		99
28) bis(2-Chloroethoxy)met...	7.987	93	283946	20.811	ng		100
29) 2,4-Dichlorophenol	8.092	162	184432	20.569	ng		99
30) 1,2,4-Trichlorobenzene	8.181	180	204103	21.070	ng		98
31) Naphthalene	8.263	128	662968	20.949	ng		100
32) Benzoic acid	7.957	122	95515m	19.382	ng		
33) 4-Chloroaniline	8.304	127	269101	20.825	ng		99
34) Hexachlorobutadiene	8.386	225	122624	20.722	ng		98
35) Caprolactam	8.651	113	53950	19.911	ng		95
36) 4-Chloro-3-methylphenol	8.775	107	197317	20.246	ng		99
37) 2-Methylnaphthalene	8.957	142	403298	20.943	ng		100
38) 1-Methylnaphthalene	9.057	142	417629	21.060	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	198009	20.804	ng		99
41) Hexachlorocyclopentadiene	9.116	237	122922	19.848	ng		100
43) 2,4,6-Trichlorophenol	9.228	196	135703	20.601	ng		100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143143.D
Acq On : 17 Jul 2025 12:34
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 17 15:02:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	135634	20.584	ng		99
46) 1,1'-Biphenyl	9.416	154	540637	21.019	ng		100
47) 2-Chloronaphthalene	9.445	162	393002	20.650	ng		99
48) 2-Nitroaniline	9.528	65	122517	20.528	ng		99
49) Acenaphthylene	9.857	152	663048	20.789	ng		100
50) Dimethylphthalate	9.710	163	441768	20.558	ng		100
51) 2,6-Dinitrotoluene	9.769	165	89742	20.529	ng		97
52) Acenaphthene	10.033	154	390249	20.702	ng		99
53) 3-Nitroaniline	9.933	138	103870	20.314	ng		94
54) 2,4-Dinitrophenol	10.039	184	26820	19.073	ng	#	1
55) Dibenzofuran	10.204	168	582320	20.806	ng		98
56) 4-Nitrophenol	10.081	139	75275	19.715	ng		99
57) 2,4-Dinitrotoluene	10.169	165	112851	20.577	ng		99
58) Fluorene	10.545	166	435866	20.750	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.316	232	113851	20.859	ng		100
60) Diethylphthalate	10.410	149	440058	20.719	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	216496	20.699	ng		99
62) 4-Nitroaniline	10.545	138	87666	20.005	ng		99
63) Azobenzene	10.698	77	458013	20.690	ng		99
65) 4,6-Dinitro-2-methylph...	10.580	198	46122	20.060	ng		95
66) n-Nitrosodiphenylamine	10.651	169	384467	20.488	ng		100
67) 4-Bromophenyl-phenylether	11.028	248	128663	20.259	ng		99
68) Hexachlorobenzene	11.098	284	134031	20.191	ng		99
69) Atrazine	11.169	200	105386	20.370	ng		99
70) Pentachlorophenol	11.280	266	77906	19.957	ng		99
71) Phenanthrene	11.510	178	595411	21.042	ng		99
72) Anthracene	11.557	178	604416	20.944	ng		99
73) Carbazole	11.704	167	523365	20.769	ng		100
74) Di-n-butylphthalate	12.039	149	601867	21.108	ng		100
75) Fluoranthene	12.692	202	542662	20.894	ng		99
77) Benzidine	12.810	184	257904	21.919	ng		99
78) Pyrene	12.922	202	544650	20.897	ng		99
80) Butylbenzylphthalate	13.539	149	163546	20.491	ng		99
81) Benzo(a)anthracene	14.110	228	421791	20.629	ng		99
82) 3,3'-Dichlorobenzidine	14.068	252	151153	22.181	ng		100
83) Chrysene	14.145	228	380799	20.714	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	251739	20.839	ng		99
85) Di-n-octyl phthalate	14.716	149	436102	19.916	ng		99
87) Indeno(1,2,3-cd)pyrene	17.151	276	484240	20.286	ng		99
88) Benzo(b)fluoranthene	15.174	252	435747	21.071	ng		99
89) Benzo(k)fluoranthene	15.204	252	369899	20.044	ng		100
90) Benzo(a)pyrene	15.557	252	388136	20.371	ng		99
91) Dibenzo(a,h)anthracene	17.168	278	398949	20.534	ng		99
92) Benzo(g,h,i)perylene	17.615	276	385915	20.534	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143143.D
Acq On : 17 Jul 2025 12:34
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 17 15:02:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

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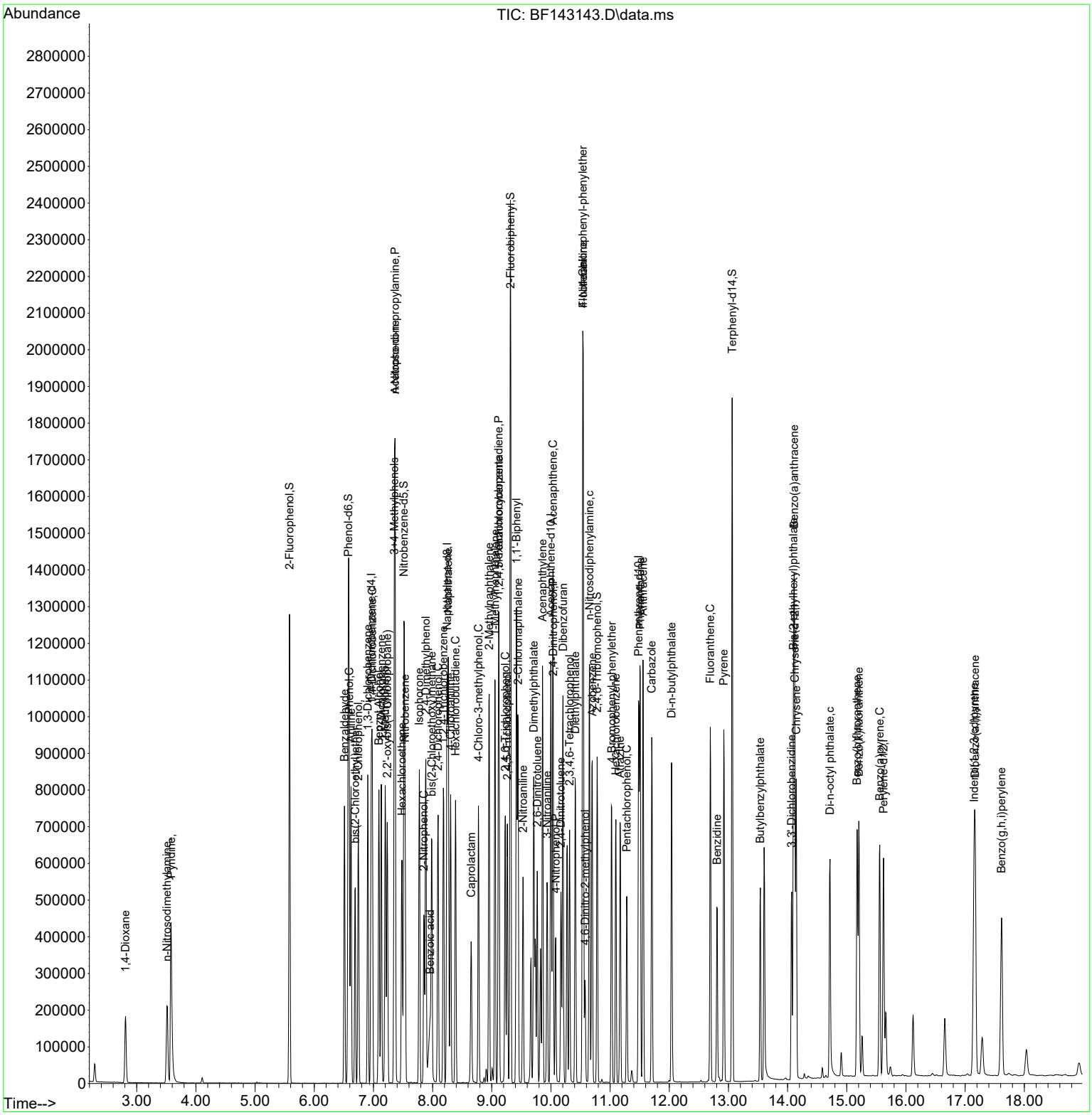
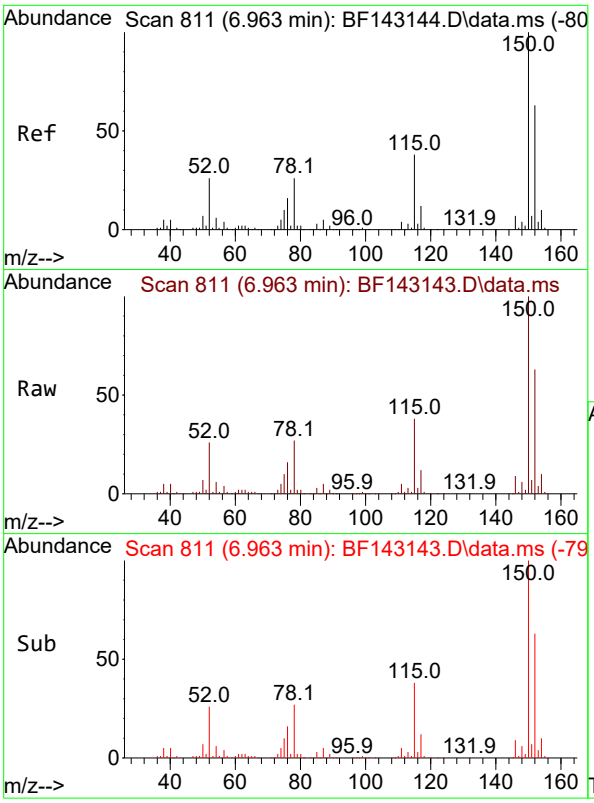
Supervised By :Jagrut Upadhyay 07/18/2025

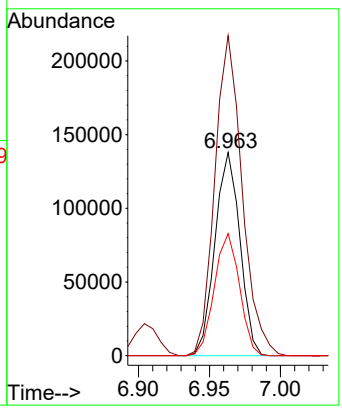




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:152 Resp: 16849

Ion	Ratio	Lower	Upper
152	100		
150	157.5	128.2	192.4
115	60.1	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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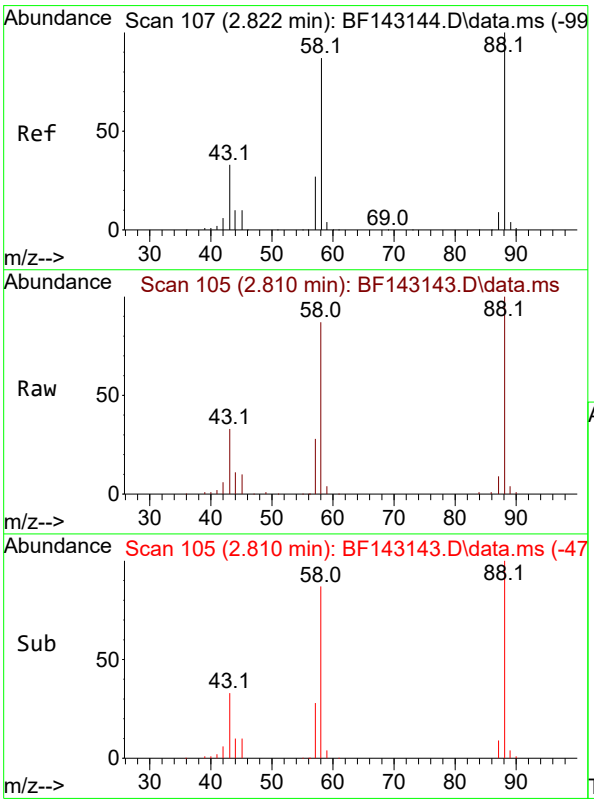
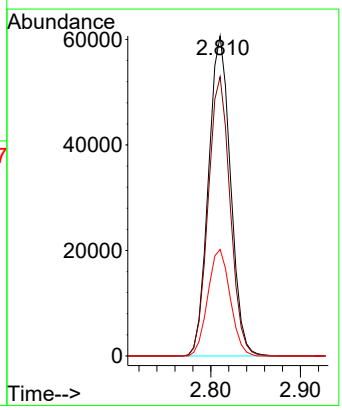
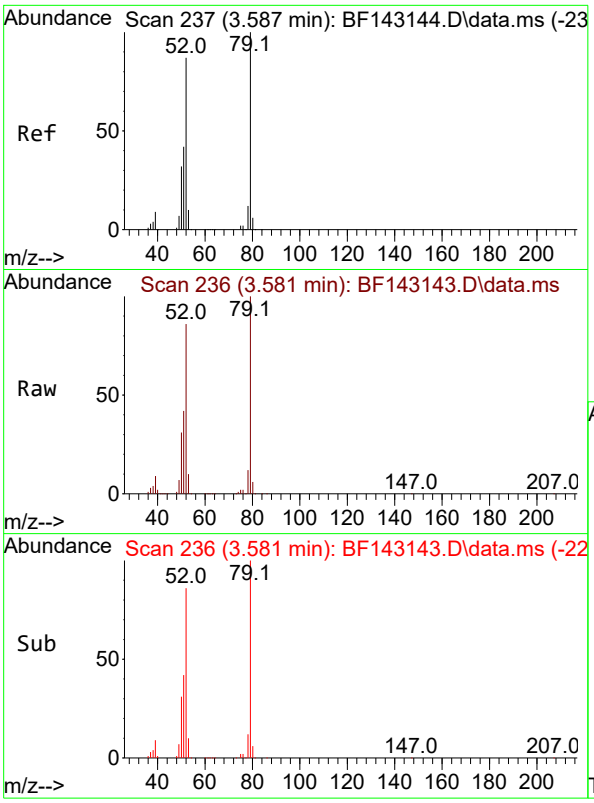


#2
1,4-Dioxane
Concen: 20.540 ng
RT: 2.810 min Scan# 105
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 88 Resp: 103481

Ion	Ratio	Lower	Upper
88	100		
58	86.7	70.2	105.2
43	33.8	27.1	40.7





#3
Pyridine
Concen: 19.990 ng
RT: 3.581 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 79 Resp: 26140

Ion	Ratio	Lower	Upper
79	100		
52	85.9	69.4	104.2
51	42.1	33.5	50.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

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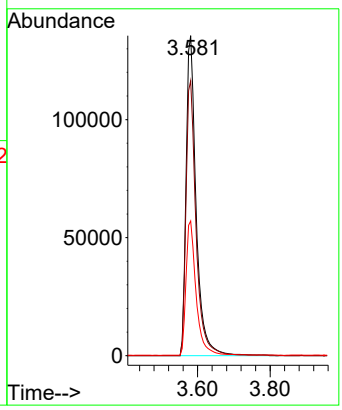
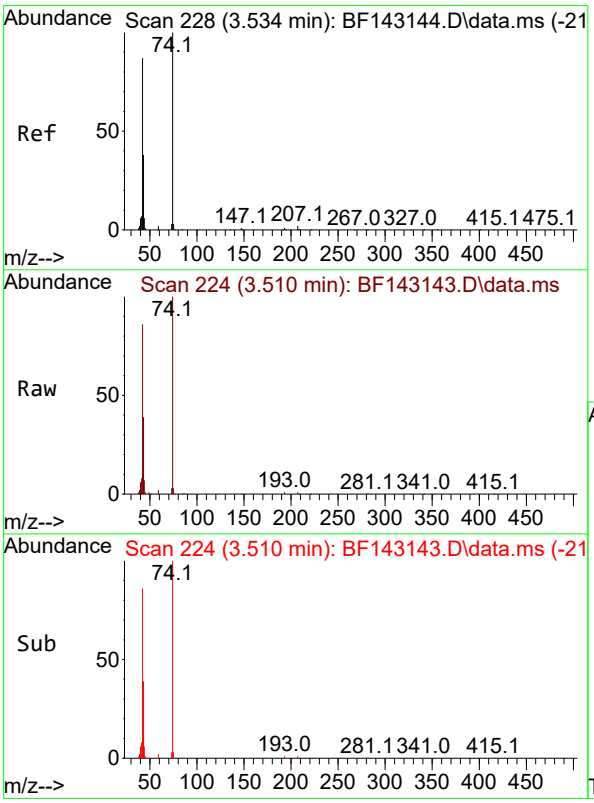
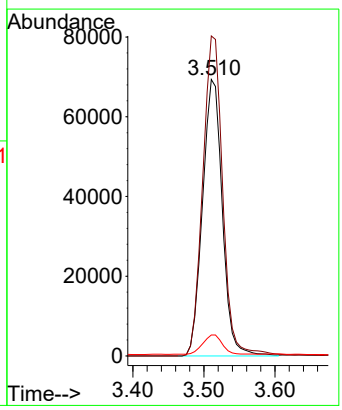


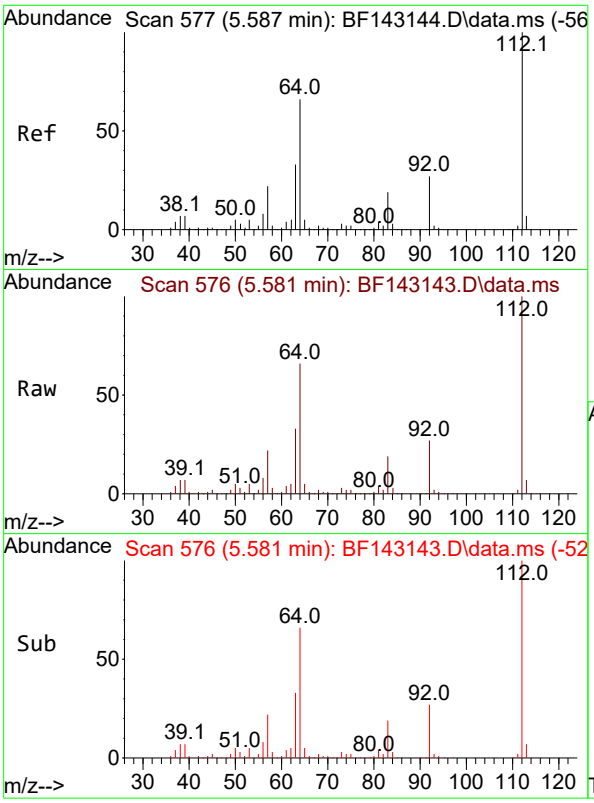


#4
n-Nitrosodimethylamine
Concen: 19.942 ng
RT: 3.510 min Scan# 224
Delta R.T. -0.023 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 42 Resp: 134638

Ion	Ratio	Lower	Upper
42	100		
74	115.7	91.7	137.5
44	7.6	5.6	8.4

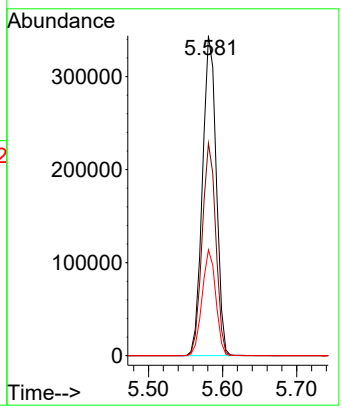




#5
2-Fluorophenol
Concen: 41.752 ng
RT: 5.581 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:112 Resp: 44454

Ion	Ratio	Lower	Upper
112	100		
64	66.4	53.1	79.7
63	33.1	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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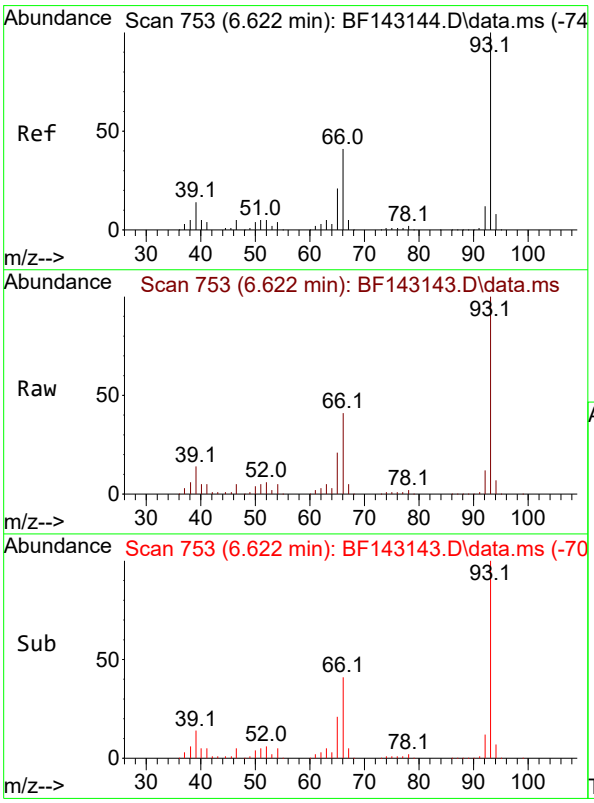
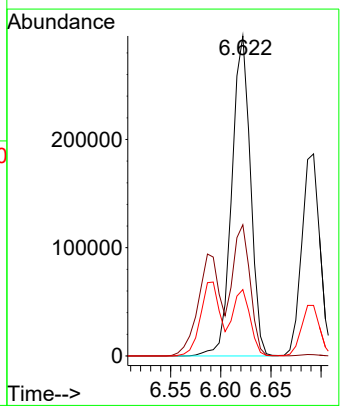
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

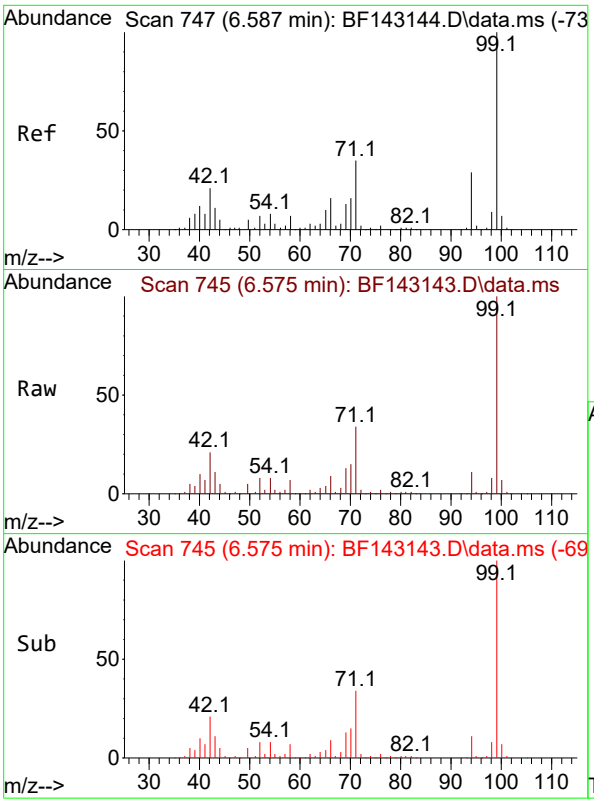


#6
Aniline
Concen: 20.505 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 93 Resp: 382991

Ion	Ratio	Lower	Upper
93	100		
66	41.0	33.2	49.8
65	20.7	16.9	25.3

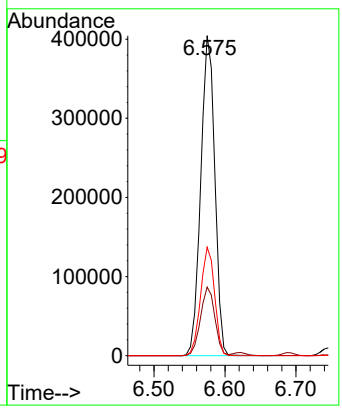




#7
Phenol-d6
Concen: 41.668 ng
RT: 6.575 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 99 Resp: 55842

Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.0	25.6
71	33.9	27.7	41.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

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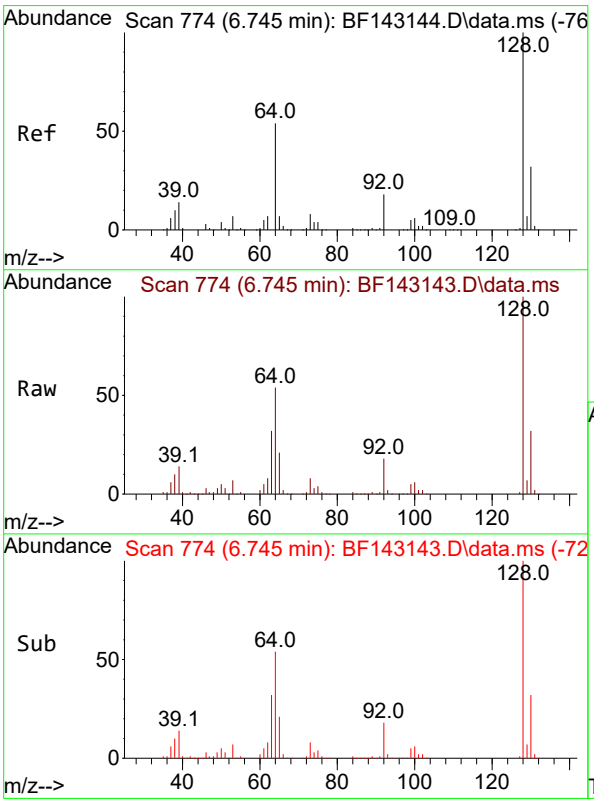
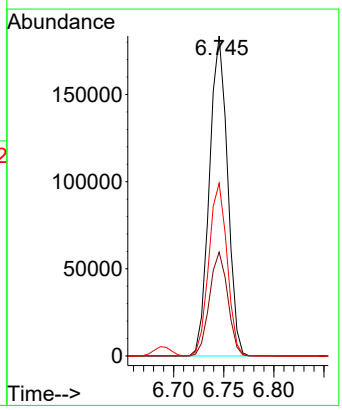
Supervised By :Jagrut Upadhyay 07/18/2025

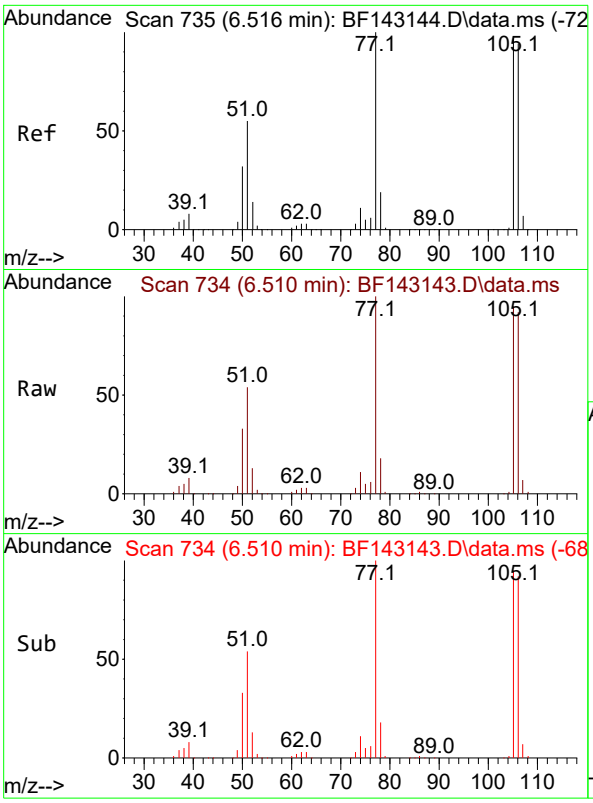


#8
2-Chlorophenol
Concen: 20.702 ng
RT: 6.745 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:128 Resp: 231044

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.3	52.3
64	54.0	35.9	75.9

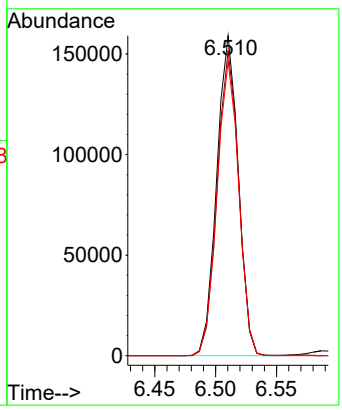




#9
Benzaldehyde
Concen: 19.504 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 77 Resp: 19600

Ion	Ratio	Lower	Upper
77	100		
105	95.3	76.8	116.8
106	92.0	74.4	114.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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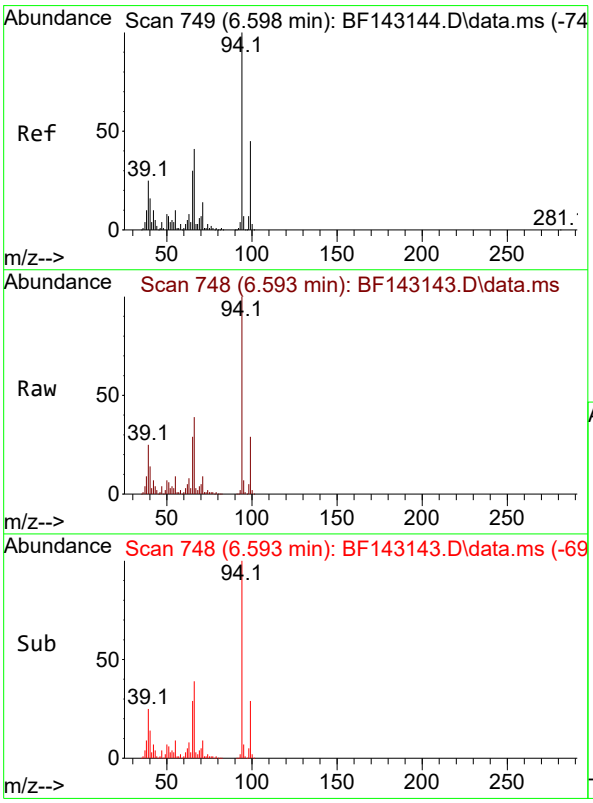
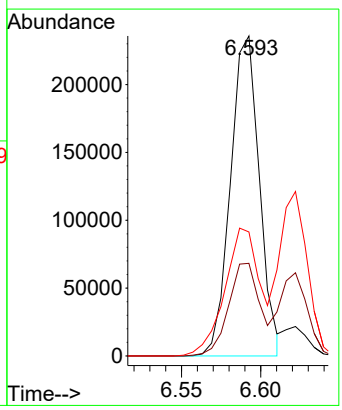
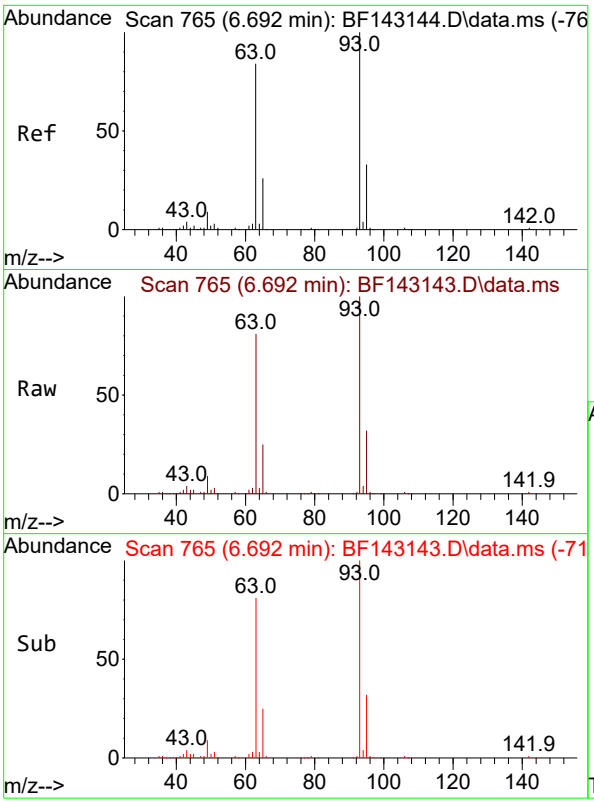


#10
Phenol
Concen: 20.497 ng m
RT: 6.593 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 94 Resp: 299259

Ion	Ratio	Lower	Upper
94	100		
65	29.0	10.0	50.0
66	38.8	20.8	60.8

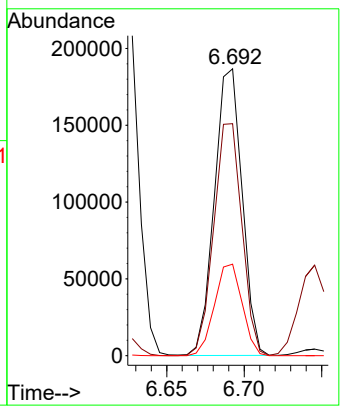




#11
bis(2-Chloroethyl)ether
Concen: 20.792 ng
RT: 6.692 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 93 Resp: 23242

Ion	Ratio	Lower	Upper
93	100		
63	80.9	63.4	103.4
95	31.9	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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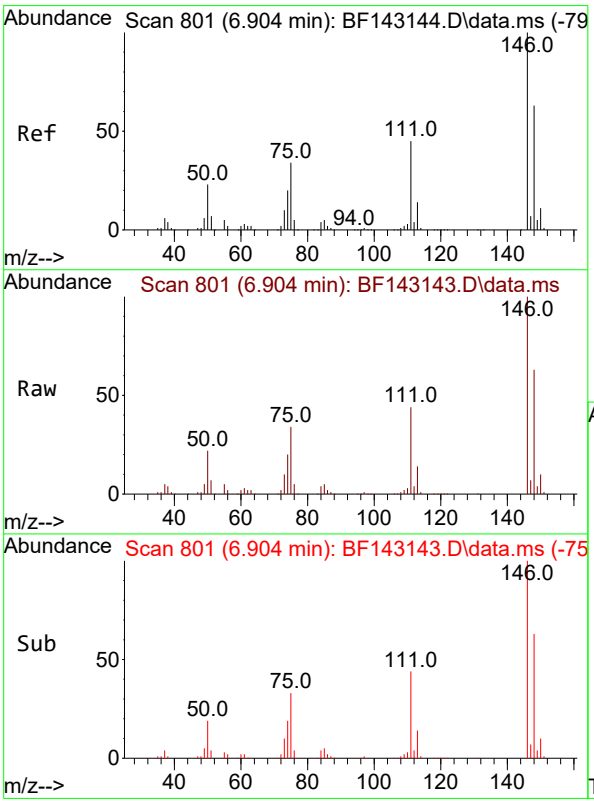
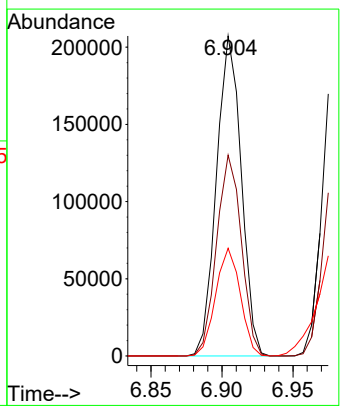
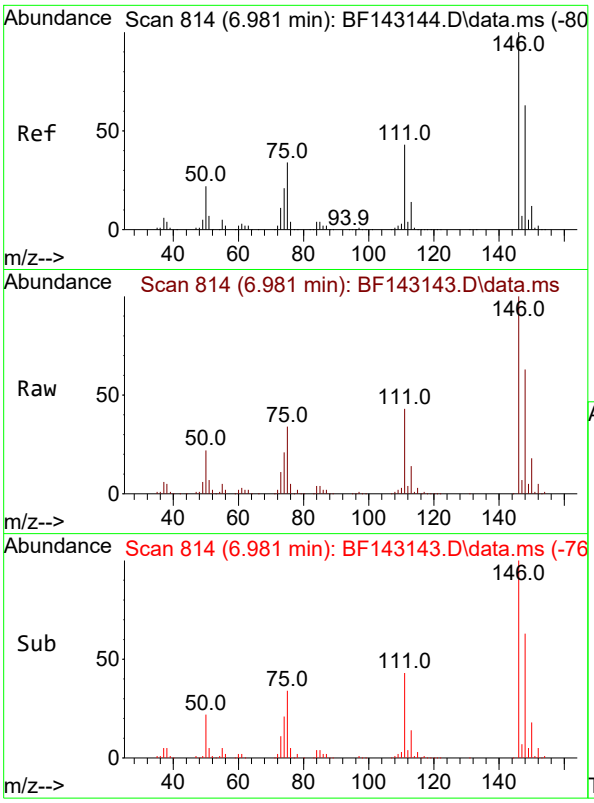


#12
1,3-Dichlorobenzene
Concen: 20.763 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:146 Resp: 251734

Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.6	76.0
75	33.7	27.4	41.2

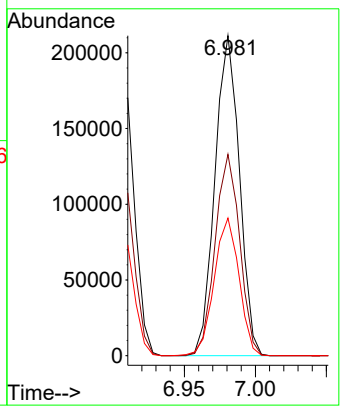




#13
1,4-Dichlorobenzene
Concen: 20.733 ng
RT: 6.981 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:146 Resp: 25313

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.3	75.5
111	43.0	34.4	51.6



Instrument :
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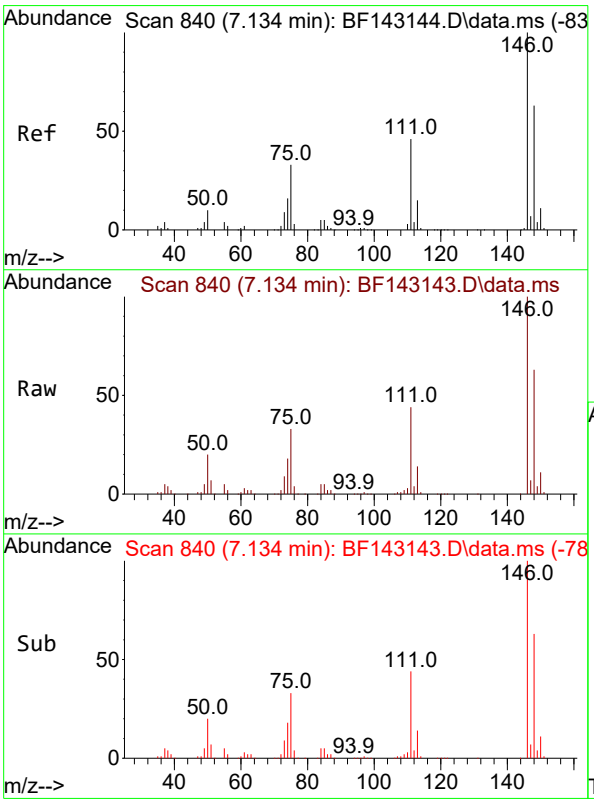
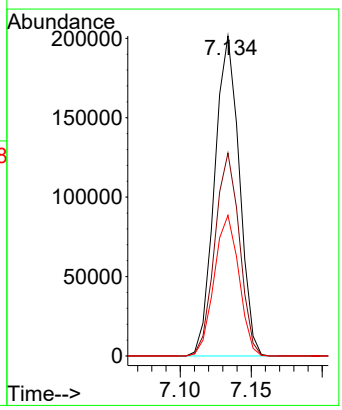
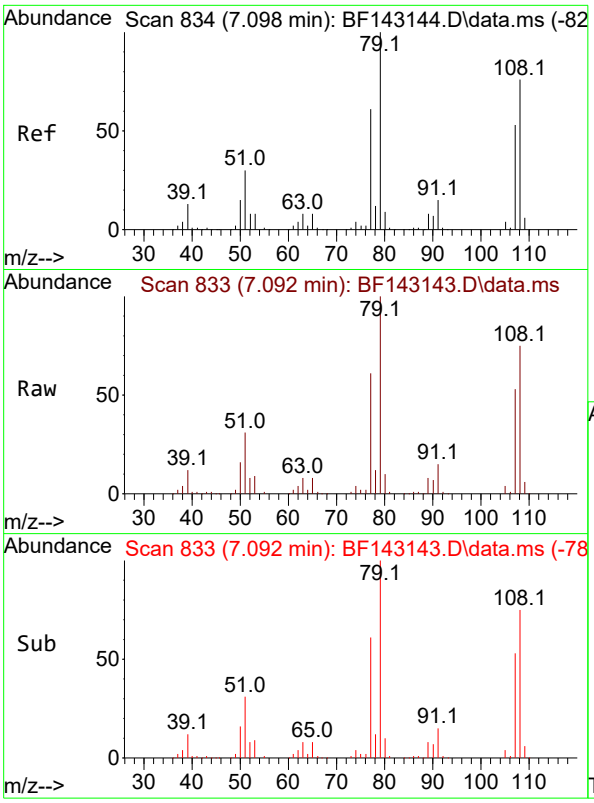


#14
1,2-Dichlorobenzene
Concen: 20.963 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:146 Resp: 243437

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.7	76.1
111	44.0	36.6	54.8

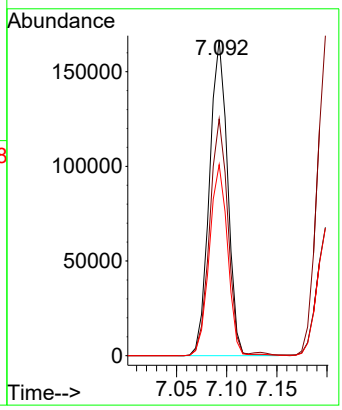




#15
Benzyl Alcohol
Concen: 20.524 ng
RT: 7.092 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 79 Resp: 21001

Ion	Ratio	Lower	Upper
79	100		
108	75.0	61.1	91.7
77	60.5	48.9	73.3



Instrument :
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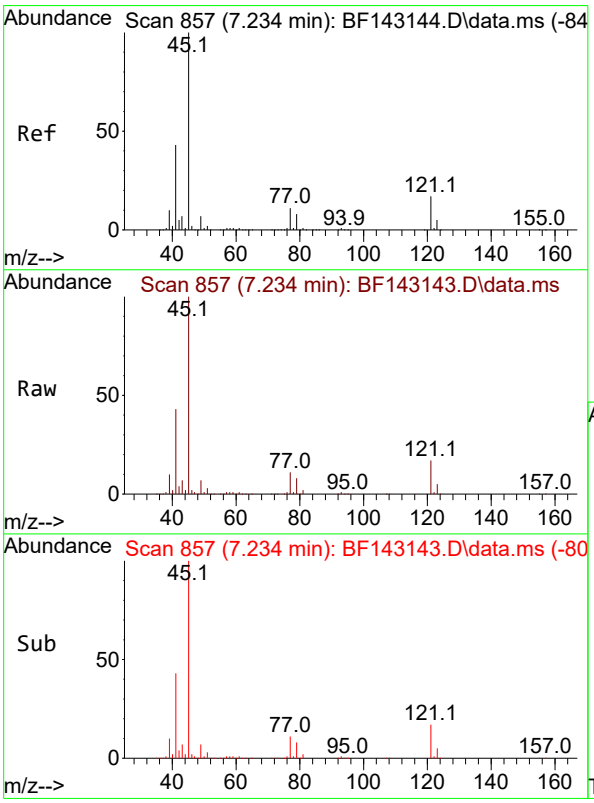
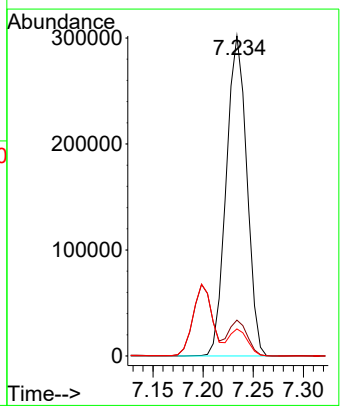
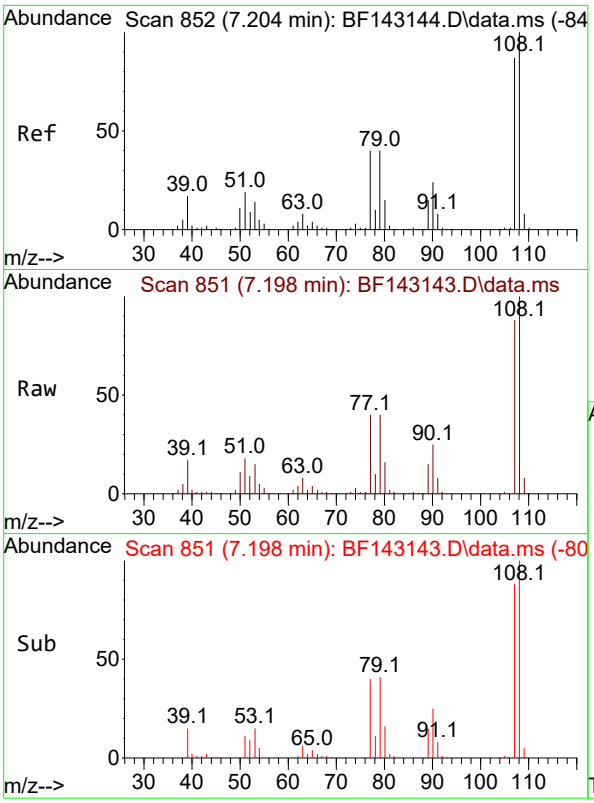


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.680 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 45 Resp: 428827

Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	31.2
79	8.4	0.0	28.5

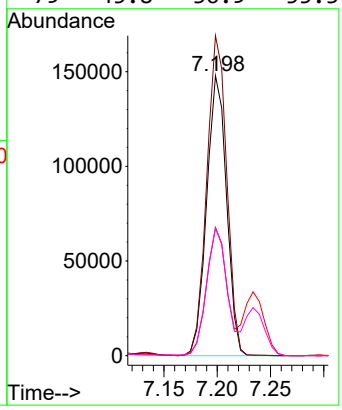




#17
2-Methylphenol
Concen: 20.479 ng
RT: 7.198 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:107 Resp: 19217

Ion	Ratio	Lower	Upper
107	100		
108	114.3	91.8	137.6
77	45.6	37.0	55.6
79	45.8	36.9	55.3



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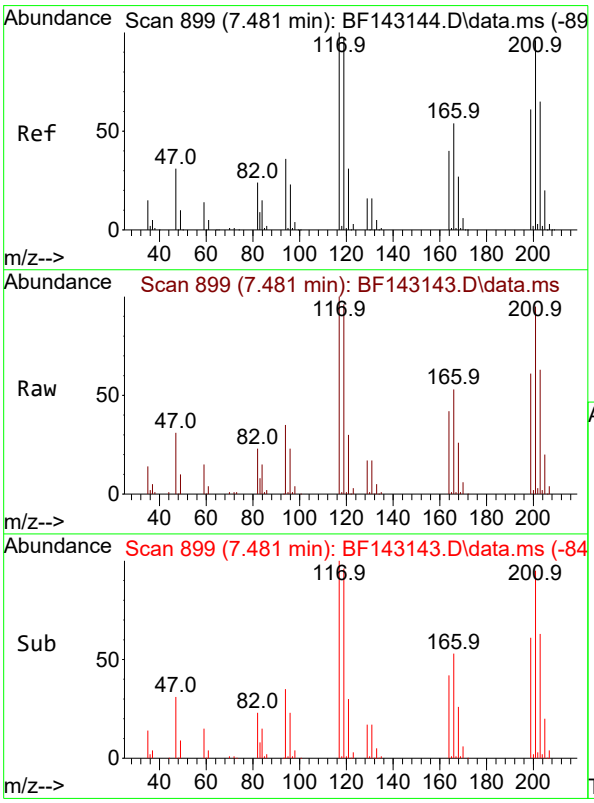
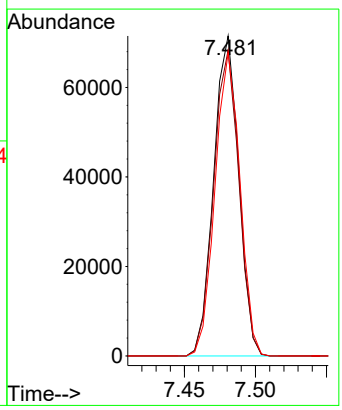
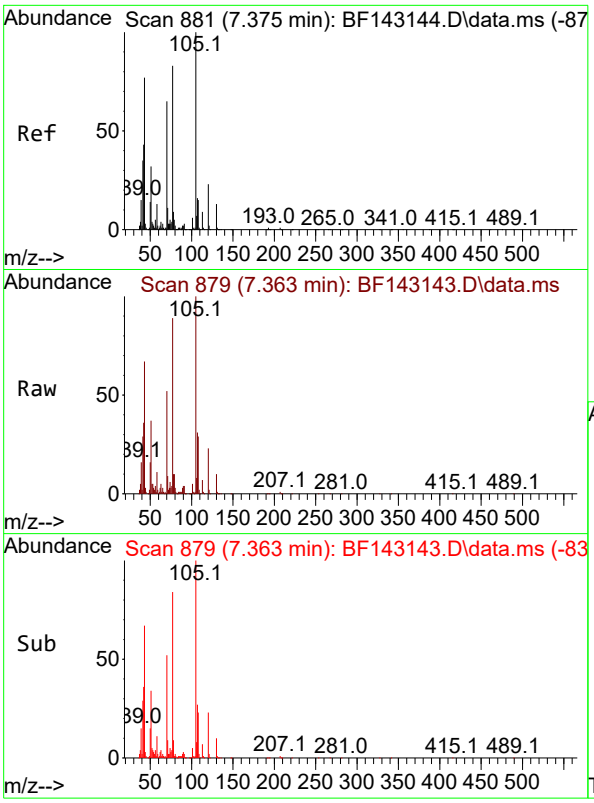


#18
Hexachloroethane
Concen: 20.828 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:117 Resp: 88036

Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.8	116.8
201	94.8	77.0	115.4

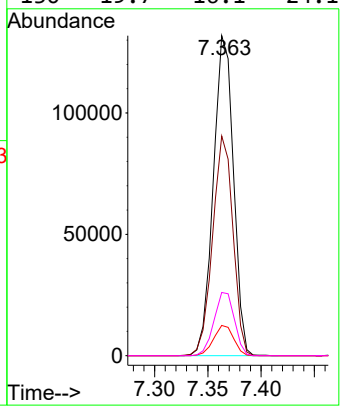




#19
n-Nitroso-di-n-propylamine
Concen: 20.137 ng
RT: 7.363 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 70 Resp: 17314

Ion	Ratio	Lower	Upper
70	100		
42	68.6	52.5	78.7
101	9.4	7.6	11.4
130	19.7	16.1	24.1



Instrument :
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ClientSampleId :
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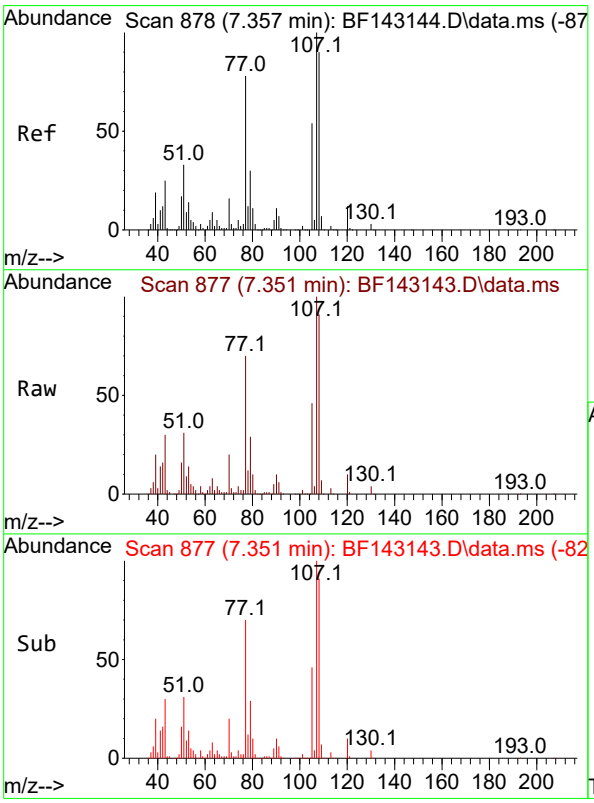
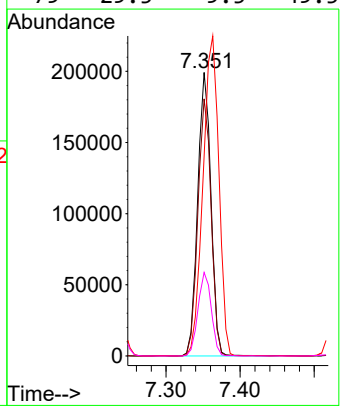
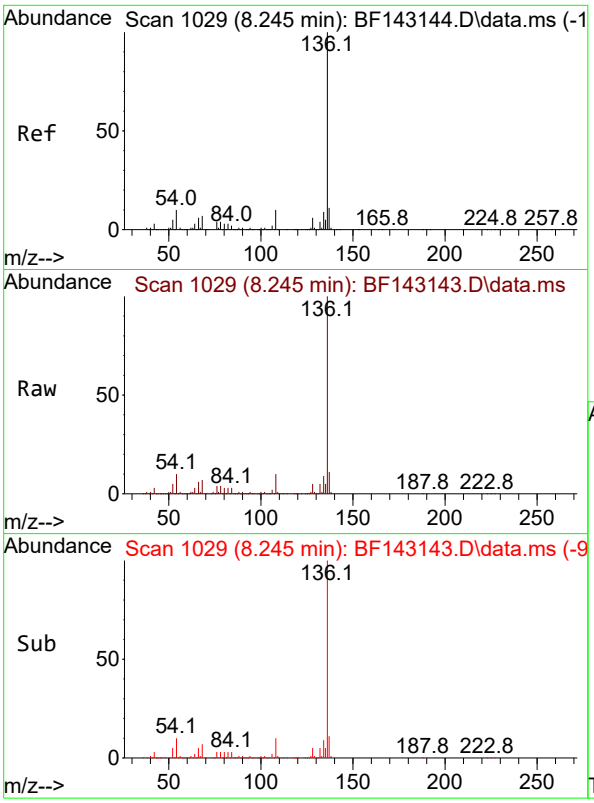


#20
3+4-Methylphenols
Concen: 21.745 ng
RT: 7.351 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:107 Resp: 247578

Ion	Ratio	Lower	Upper
107	100		
108	90.7	70.0	110.0
77	70.4	57.8	97.8
79	29.5	9.5	49.5

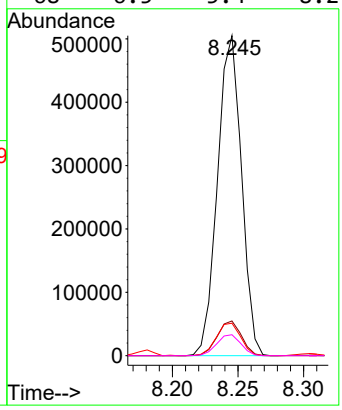




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:136 Resp: 64258

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.2	8.2	12.2
68	6.5	5.4	8.2



Instrument :
BNA_F
ClientSampleId :
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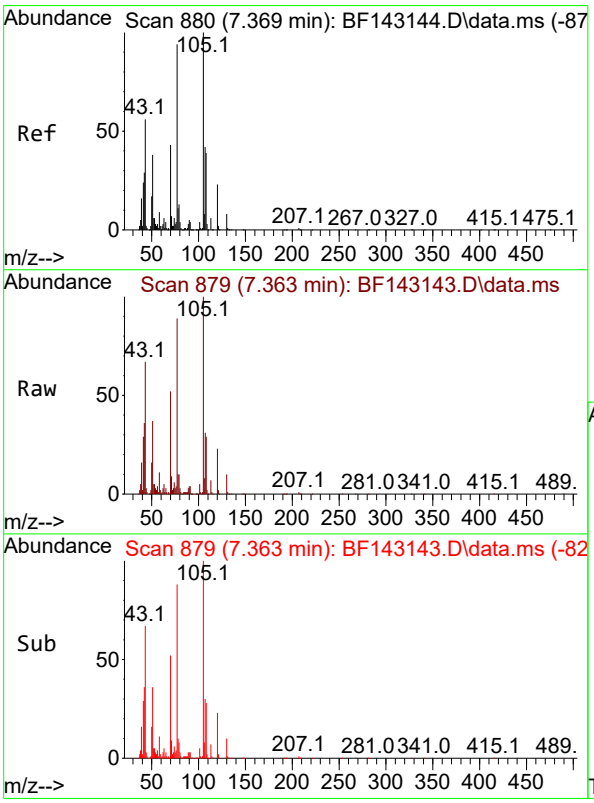
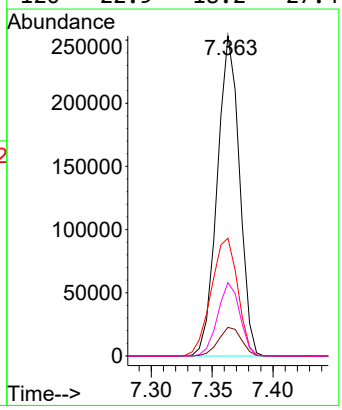
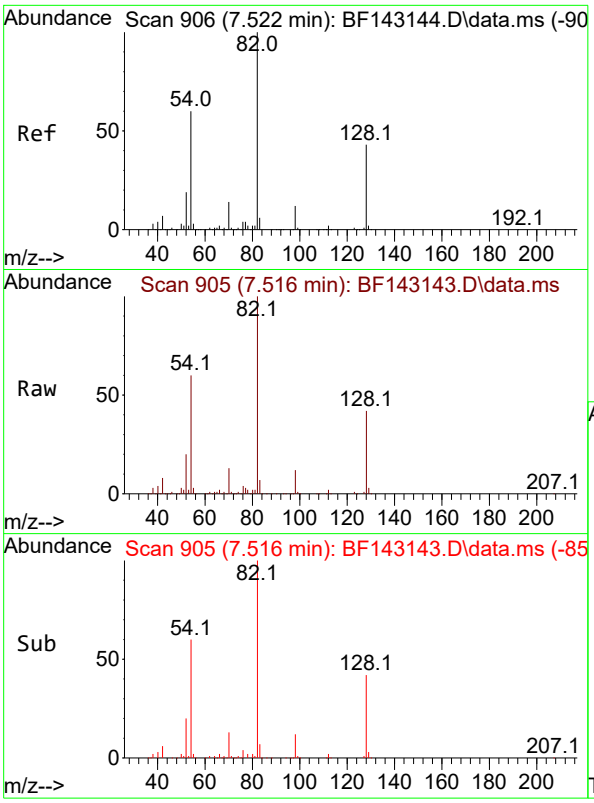


#22
Acetophenone
Concen: 21.151 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:105 Resp: 321774

Ion	Ratio	Lower	Upper
105	100		
71	9.0	5.8	8.6#
51	36.8	30.2	45.2
120	22.9	18.2	27.4

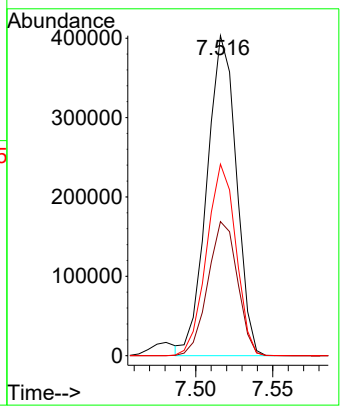




#23
Nitrobenzene-d5
Concen: 41.547 ng m
RT: 7.516 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 82 Resp: 53558

Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.6	50.4
54	59.8	47.1	70.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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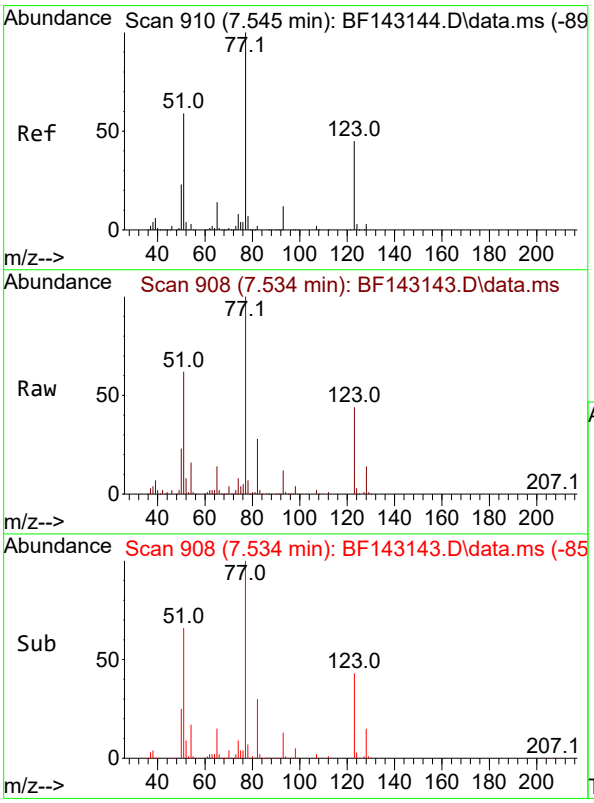
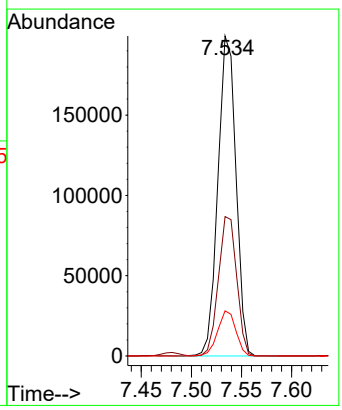
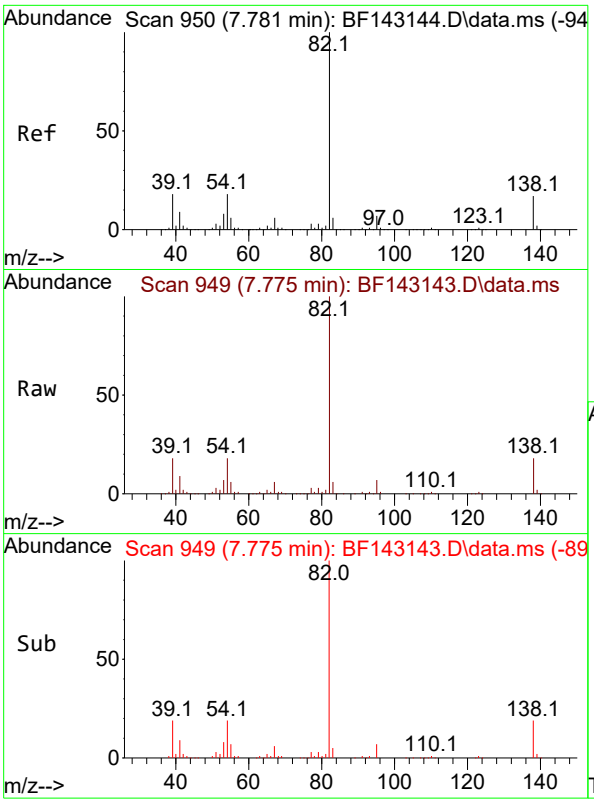


#24
Nitrobenzene
Concen: 20.739 ng
RT: 7.534 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 77 Resp: 249251

Ion	Ratio	Lower	Upper
77	100		
123	43.5	36.1	54.1
65	14.1	11.4	17.2

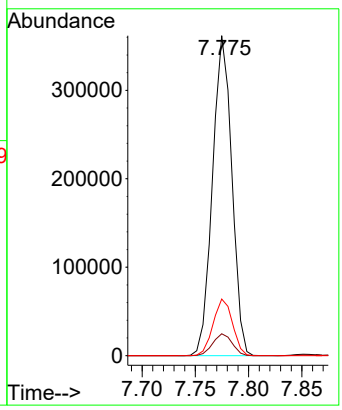




#25
Isophorone
Concen: 20.088 ng
RT: 7.775 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 82 Resp: 45714

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.5	8.3
138	17.7	13.8	20.8



Instrument :
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ClientSampleId :
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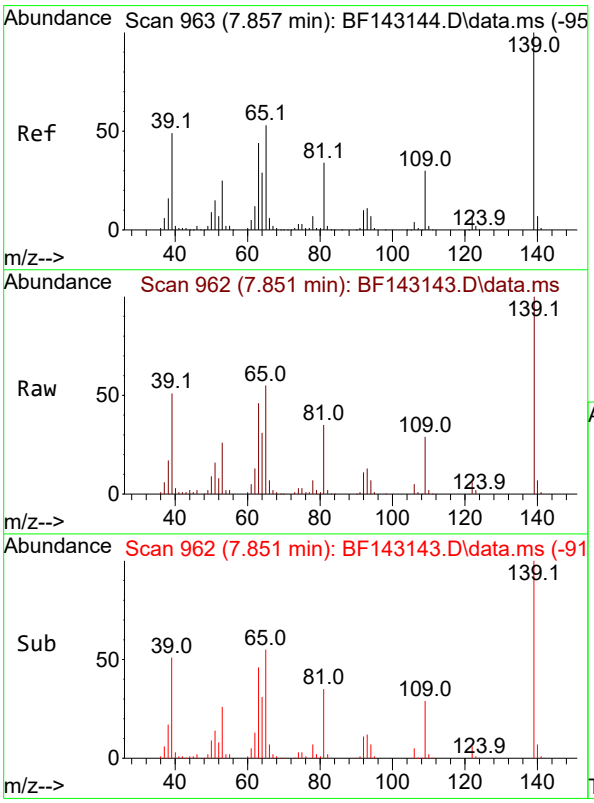
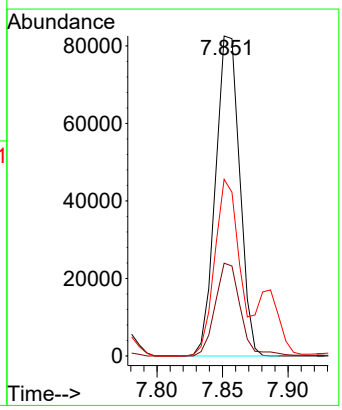
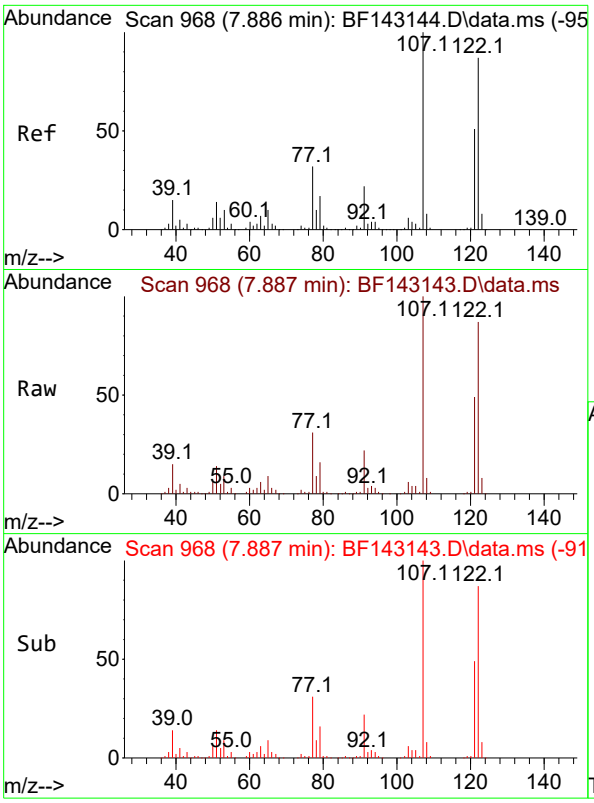


#26
2-Nitrophenol
Concen: 20.261 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:139 Resp: 105681

Ion	Ratio	Lower	Upper
139	100		
109	29.0	23.6	35.4
65	55.2	42.6	64.0

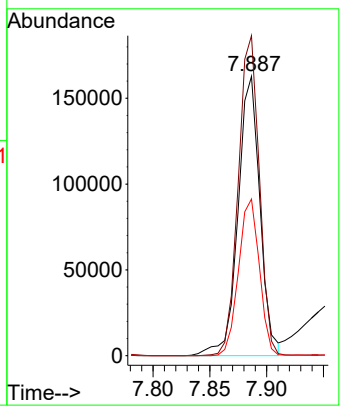




#27
2,4-Dimethylphenol
Concen: 20.594 ng
RT: 7.887 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:122 Resp: 21896

Ion	Ratio	Lower	Upper
122	100		
107	114.5	91.8	137.6
121	56.1	46.3	69.5



Instrument :
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ClientSampleId :
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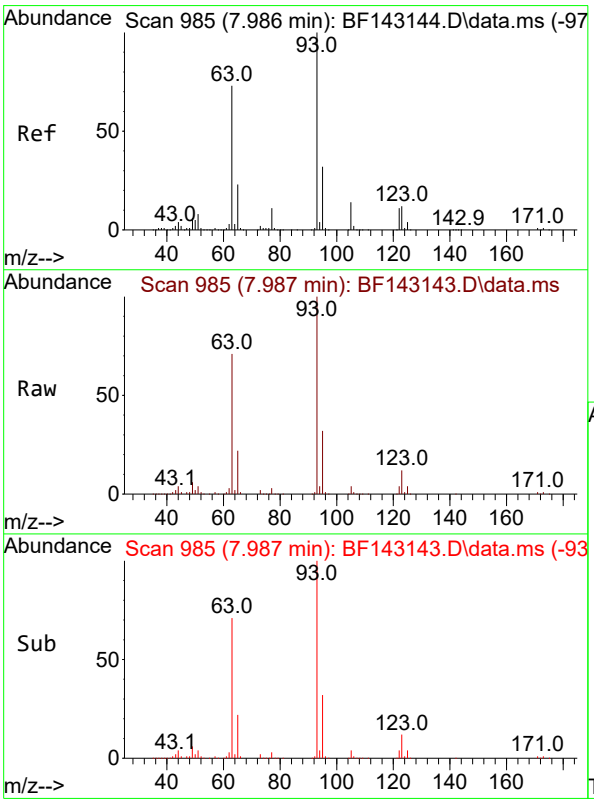
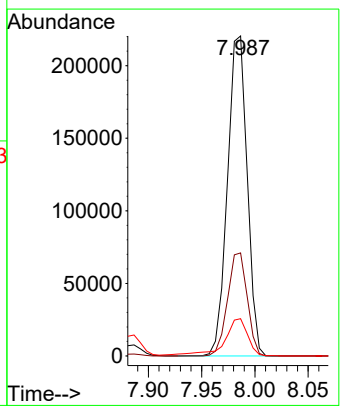
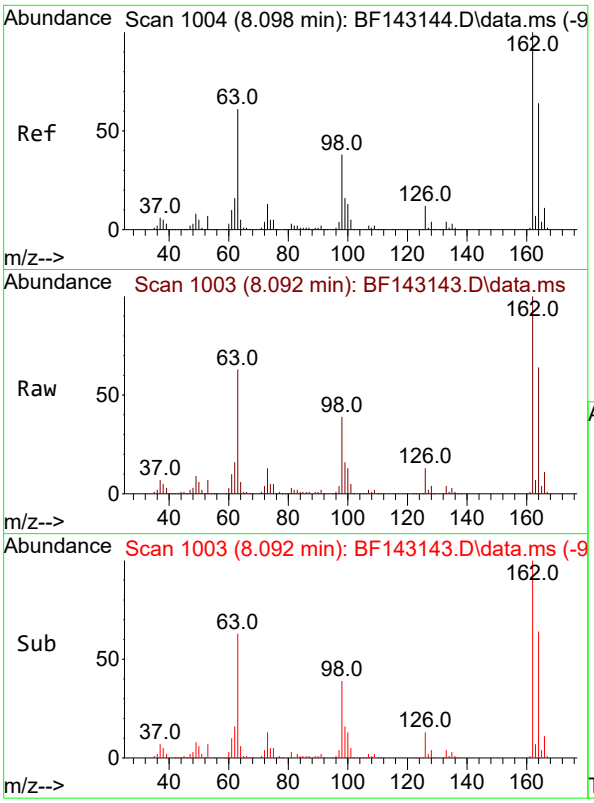


#28
bis(2-Chloroethoxy)methane
Concen: 20.811 ng
RT: 7.987 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 93 Resp: 283946

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.8	38.6
123	11.6	9.7	14.5

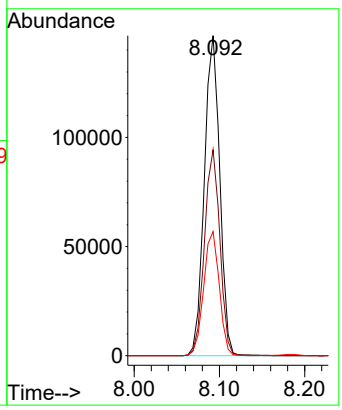




#29
2,4-Dichlorophenol
Concen: 20.569 ng
RT: 8.092 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:162 Resp: 18443

Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.2	84.2
98	38.8	17.9	57.9



Instrument :
BNA_F
ClientSampleId :
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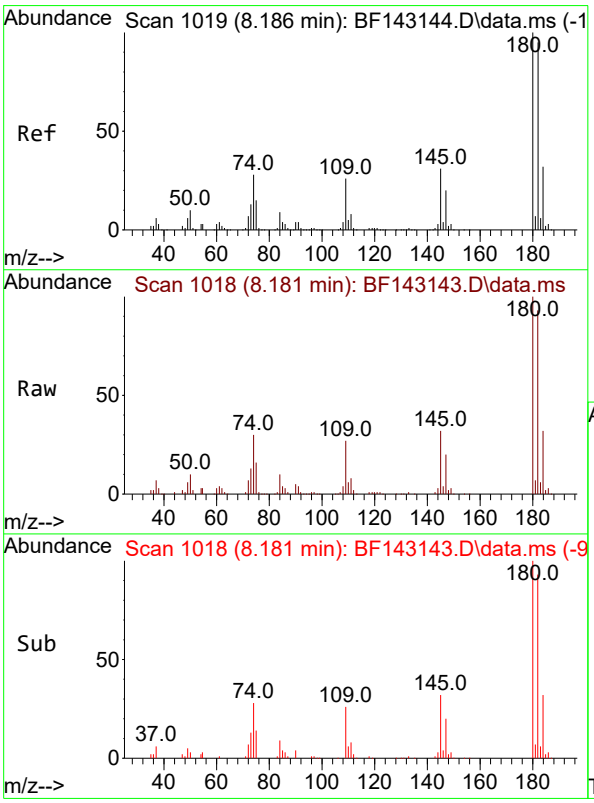
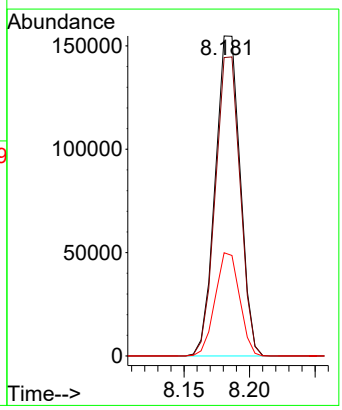
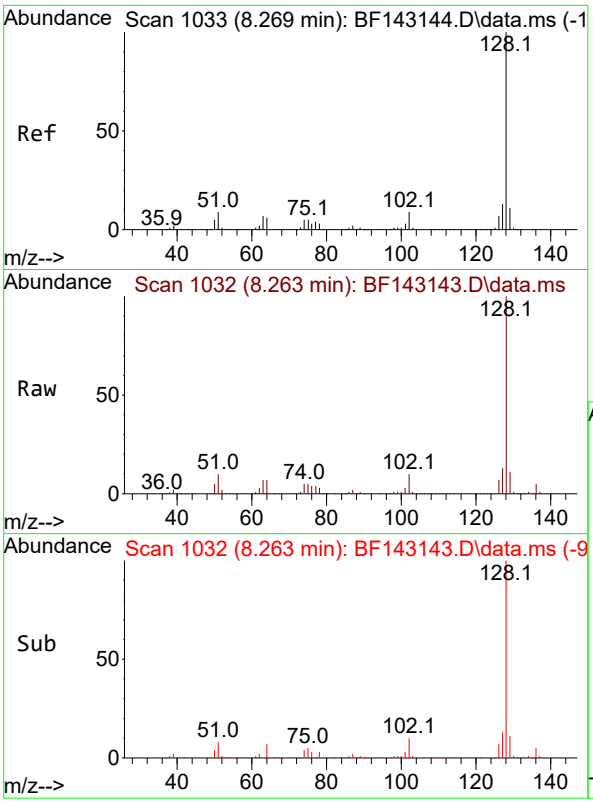


#30
1,2,4-Trichlorobenzene
Concen: 21.070 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:180 Resp: 204103

Ion	Ratio	Lower	Upper
180	100		
182	93.3	76.2	114.2
145	32.2	25.0	37.6

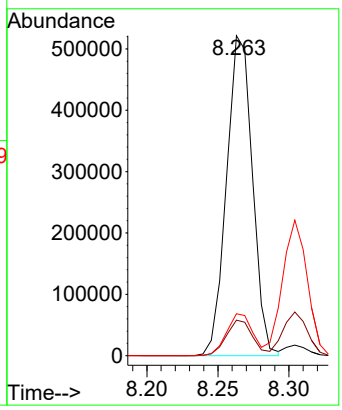




#31
Naphthalene
Concen: 20.949 ng
RT: 8.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:128 Resp: 66296

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.1	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
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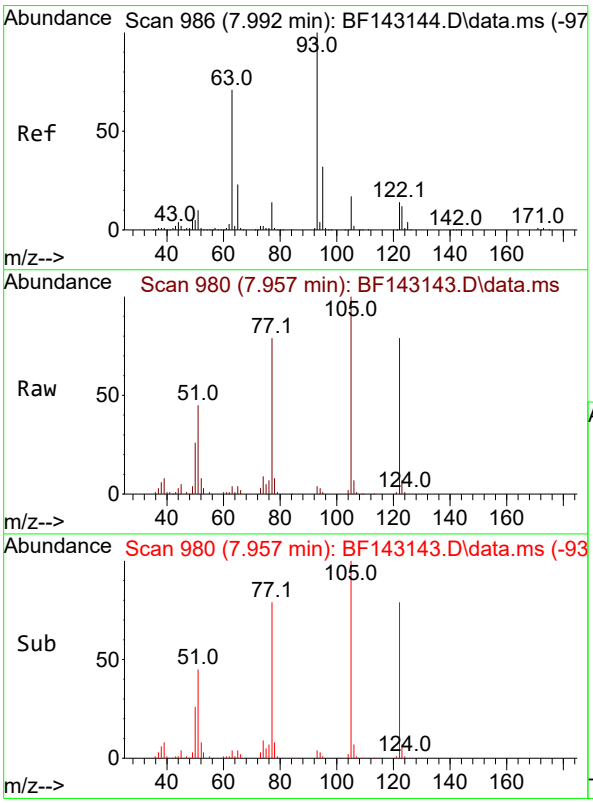
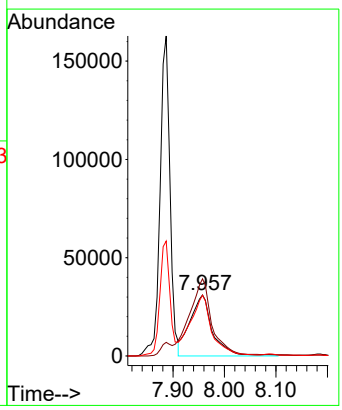
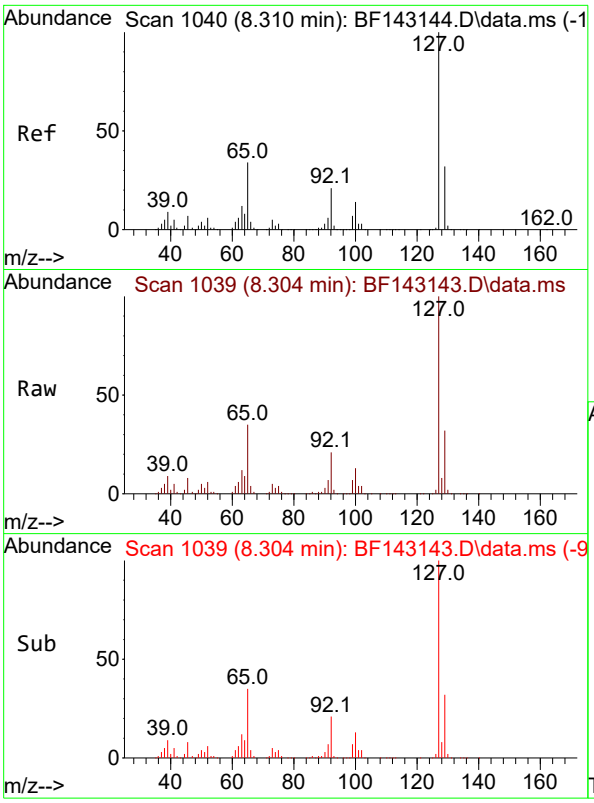


#32
Benzoic acid
Concen: 19.382 ng m
RT: 7.957 min Scan# 980
Delta R.T. -0.035 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:122 Resp: 95515

Ion	Ratio	Lower	Upper
122	100		
105	126.7	104.8	144.8
77	99.7	77.6	117.6

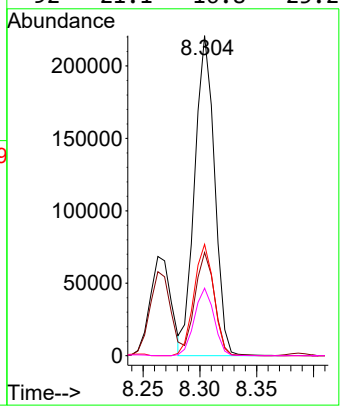




#33
4-Chloroaniline
Concen: 20.825 ng
RT: 8.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:127 Resp: 26910

Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.0	39.0
65	34.8	27.4	41.2
92	21.1	16.8	25.2



Instrument :
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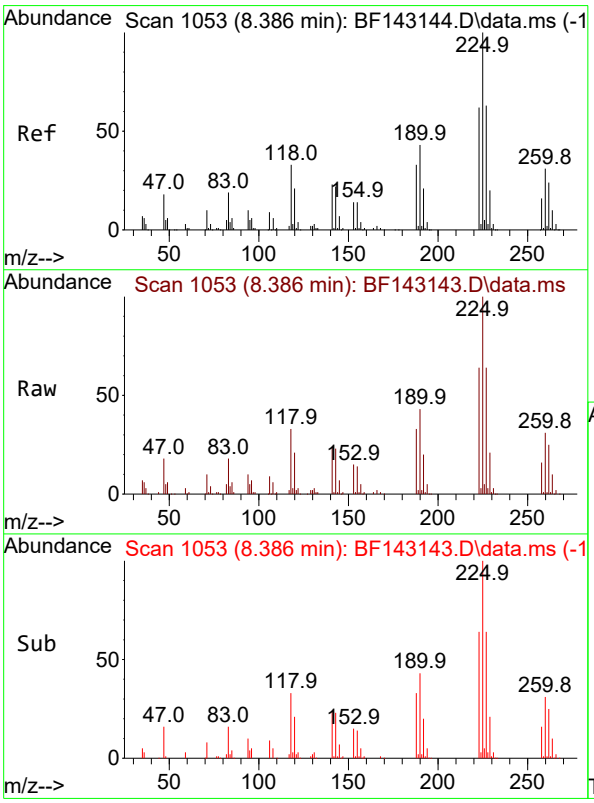
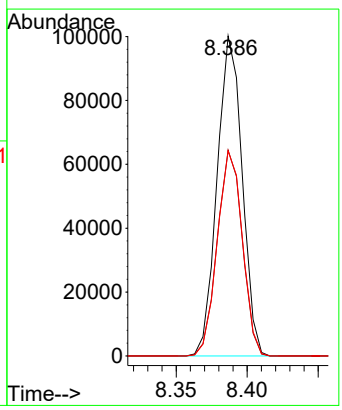
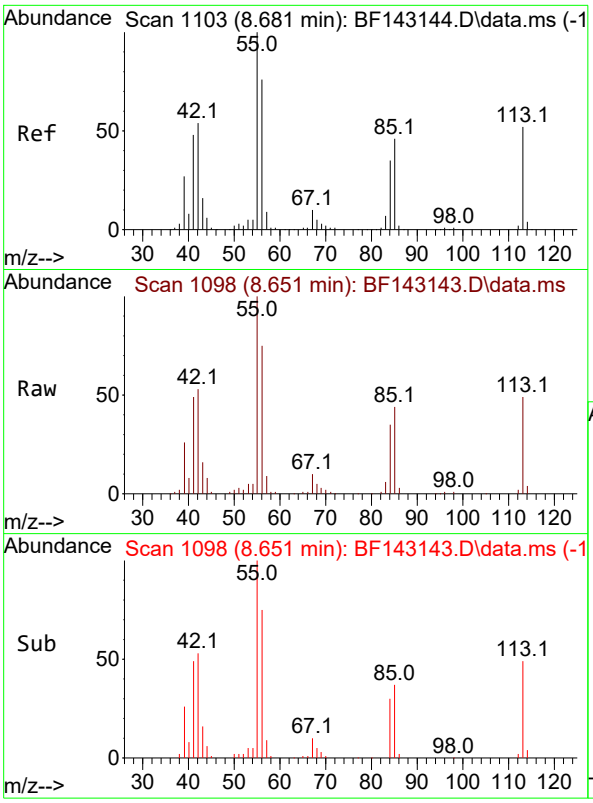


#34
Hexachlorobutadiene
Concen: 20.722 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:225 Resp: 122624

Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.8	74.6
227	64.1	50.2	75.4

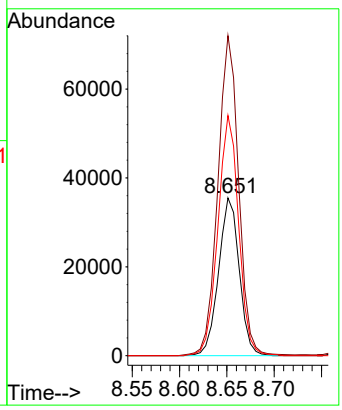




#35
Caprolactam
Concen: 19.911 ng
RT: 8.651 min Scan# 1
Delta R.T. -0.029 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:113 Resp: 5395

Ion	Ratio	Lower	Upper
113	100		
55	202.9	174.0	214.0
56	152.2	126.6	166.6



Instrument :
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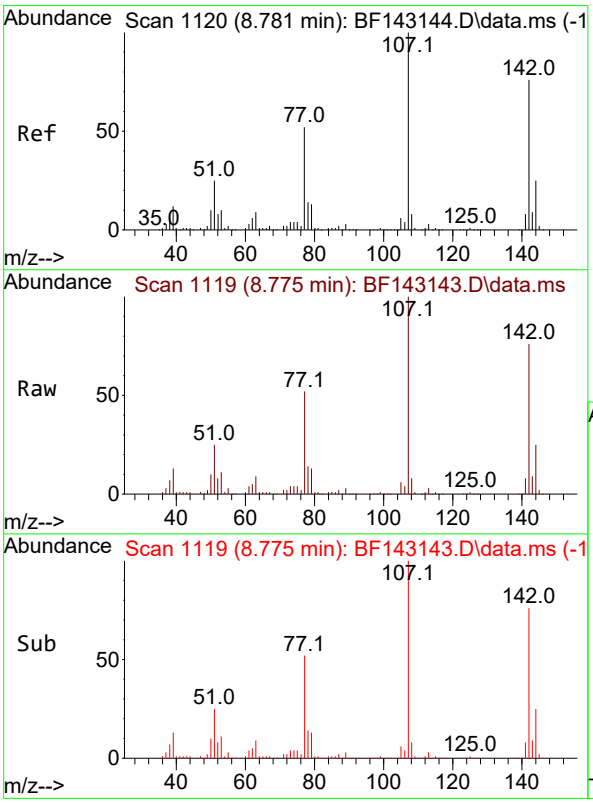
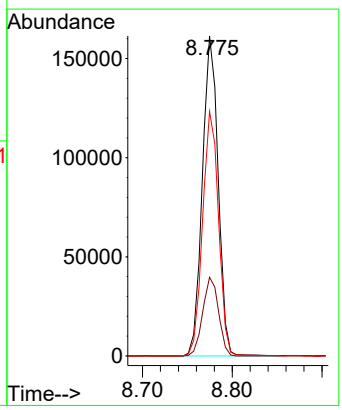
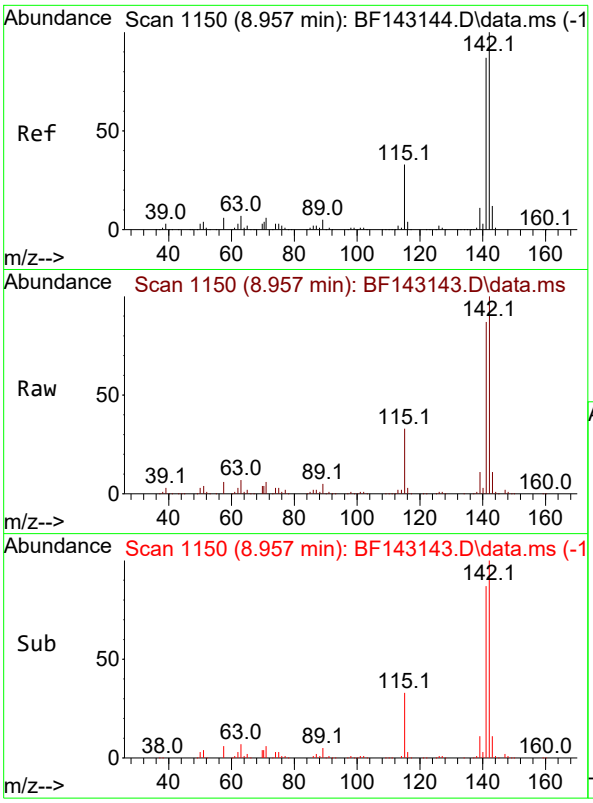


#36
4-Chloro-3-methylphenol
Concen: 20.246 ng
RT: 8.775 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:107 Resp: 197317

Ion	Ratio	Lower	Upper
107	100		
144	24.6	19.8	29.6
142	76.4	60.6	90.8





#37
2-Methylnaphthalene
Concen: 20.943 ng
RT: 8.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:142 Resp: 40329

Ion	Ratio	Lower	Upper
142	100		
141	87.5	69.9	104.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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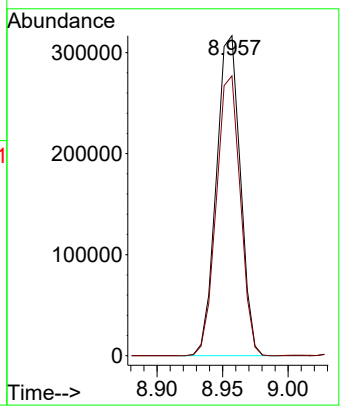
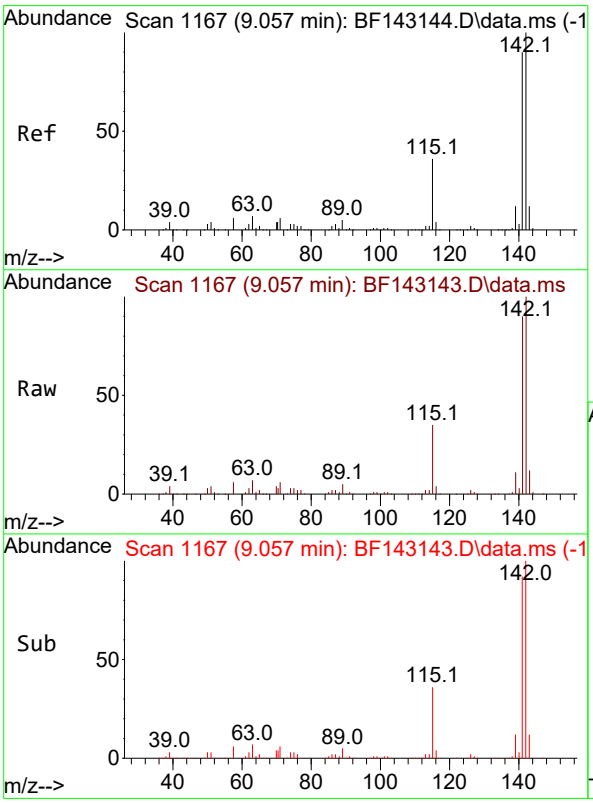
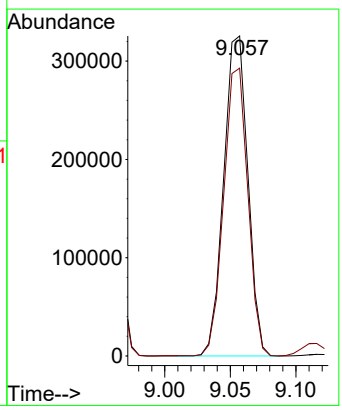


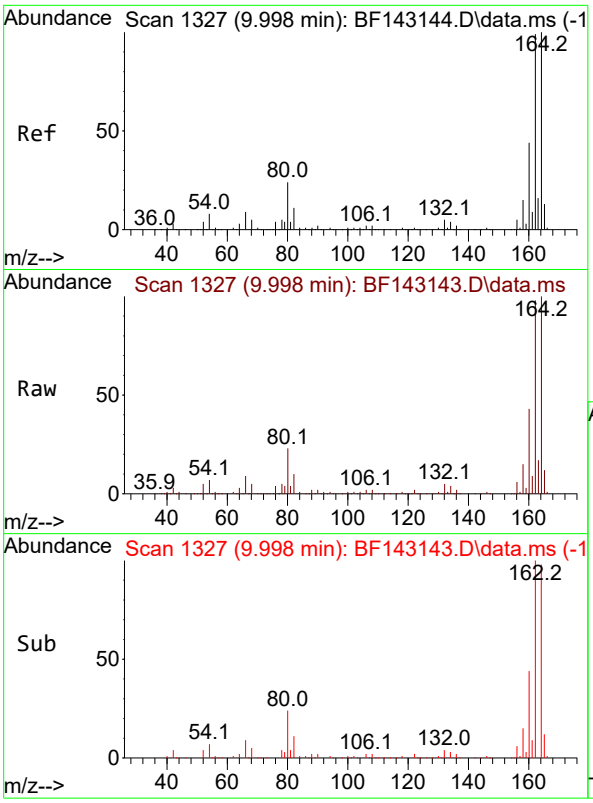


#38
1-Methylnaphthalene
Concen: 21.060 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:142 Resp: 417629

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.3	108.5

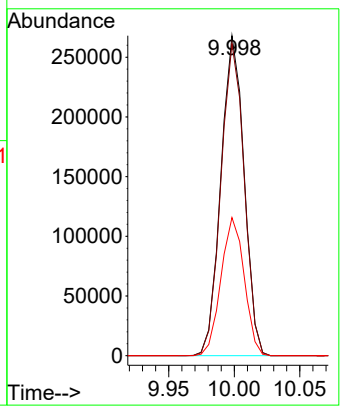




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:164 Resp: 32967

Ion	Ratio	Lower	Upper
164	100		
162	97.5	79.0	118.6
160	43.2	35.1	52.7



Instrument :
BNA_F
ClientSampleId :
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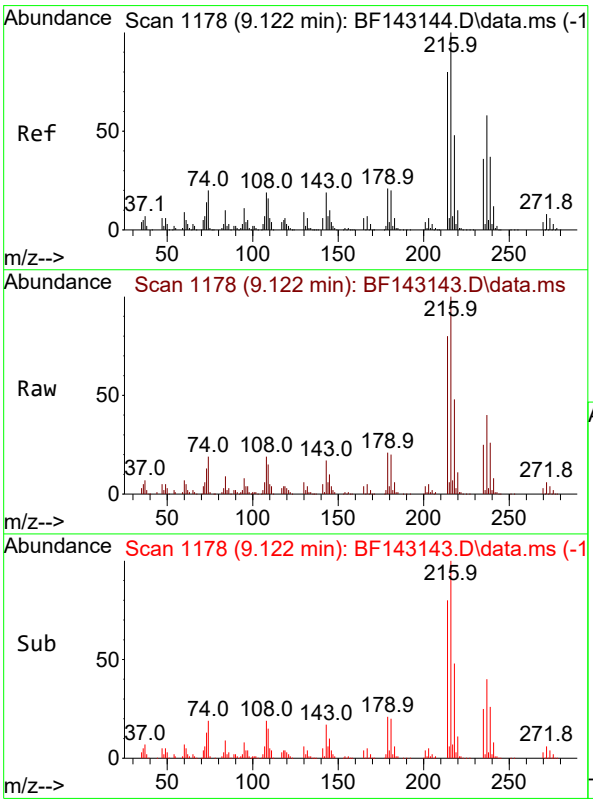
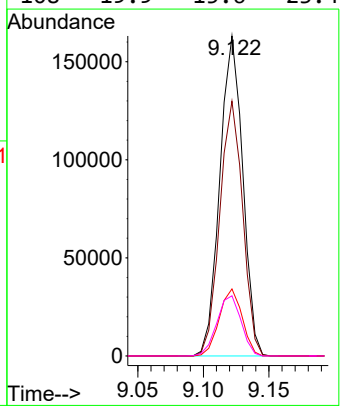
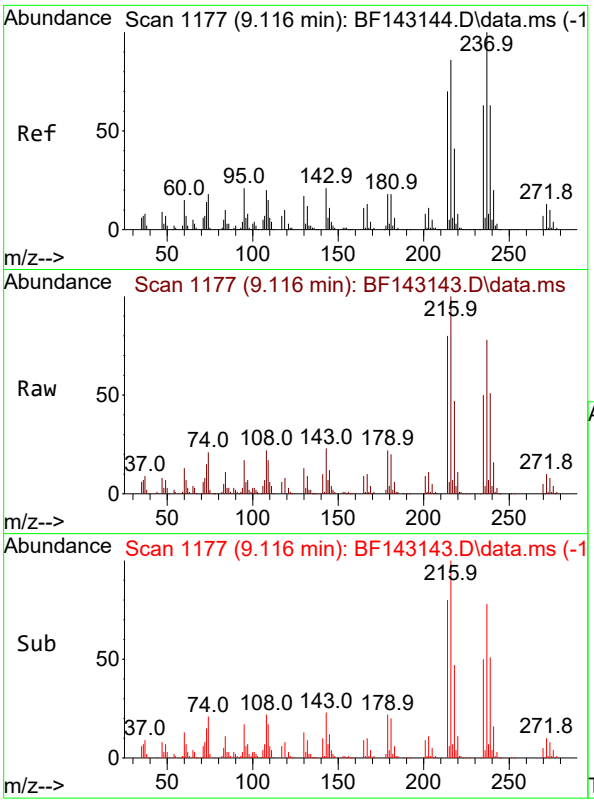


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.804 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:216 Resp: 198009

Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.8	95.8
179	21.0	16.4	24.6
108	19.9	15.6	23.4





#41
Hexachlorocyclopentadiene
Concen: 19.848 ng
RT: 9.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:237 Resp: 12292

Ion	Ratio	Lower	Upper
237	100		
235	63.2	43.0	83.0
272	13.2	0.0	33.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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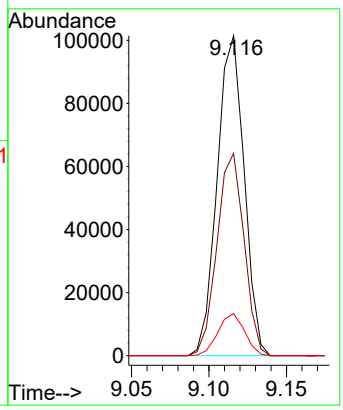
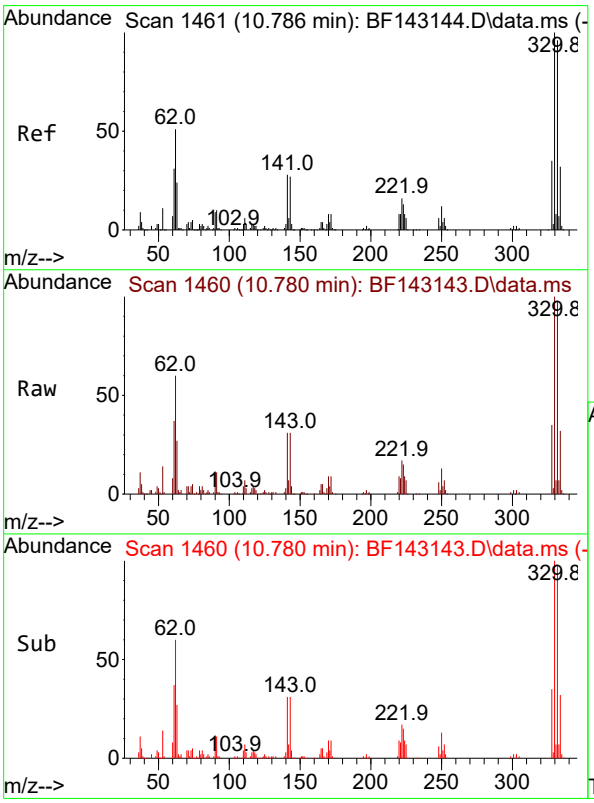
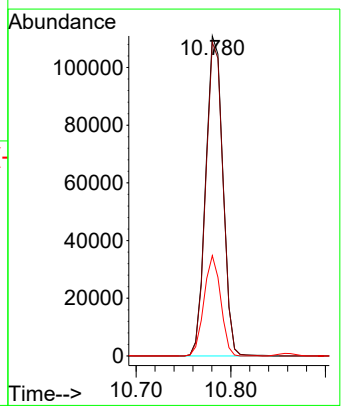


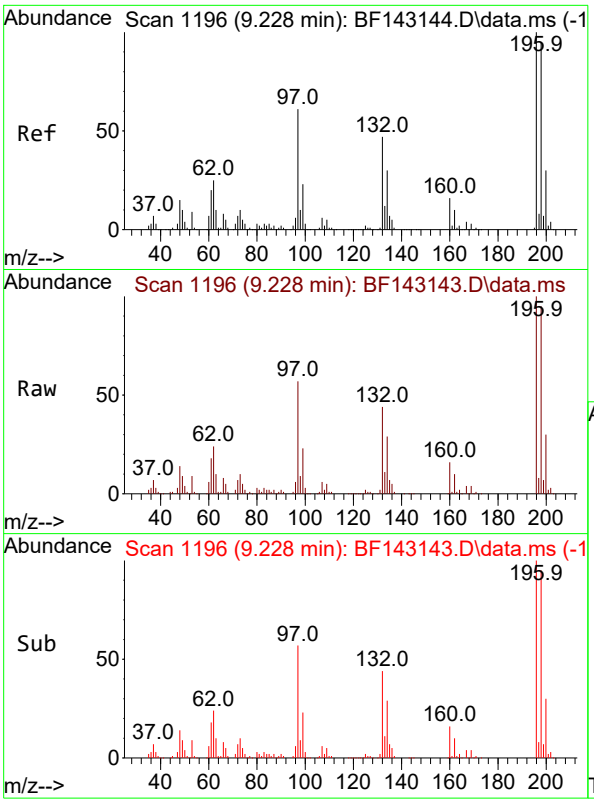


#42
2,4,6-Tribromophenol
Concen: 41.034 ng
RT: 10.780 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:330 Resp: 139748

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.7	115.1
141	30.4	23.3	34.9

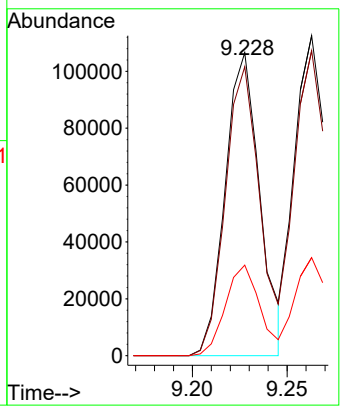




#43
2,4,6-Trichlorophenol
Concen: 20.601 ng
RT: 9.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:196 Resp: 13570

Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.2	114.2
200	29.9	23.9	35.9



Instrument :
BNA_F
ClientSampleId :
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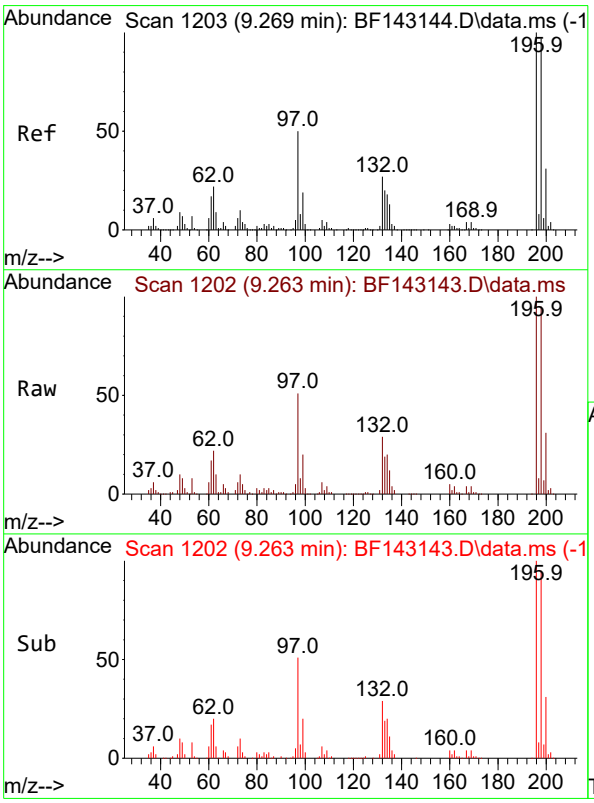
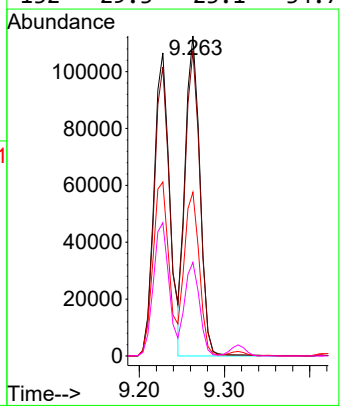
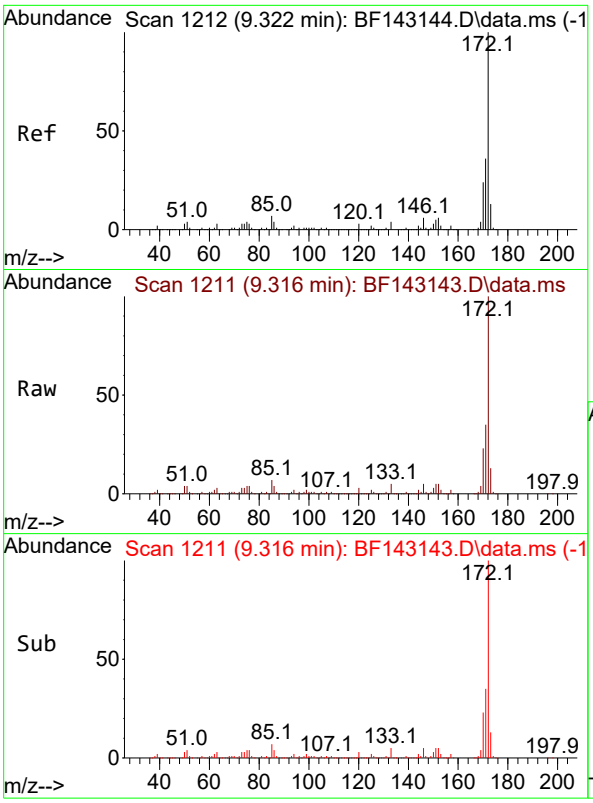


#44
2,4,5-Trichlorophenol
Concen: 20.584 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:196 Resp: 135634

Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.3	115.9
97	51.2	40.3	60.5
132	29.3	23.1	34.7

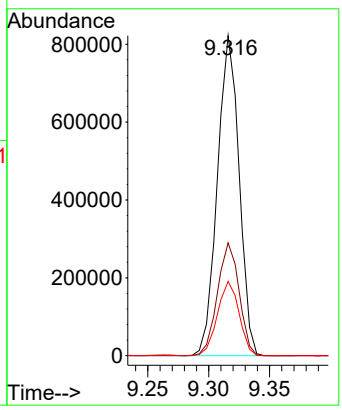




#45
2-Fluorobiphenyl
Concen: 42.301 ng
RT: 9.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:172 Resp: 101968

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	23.2	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
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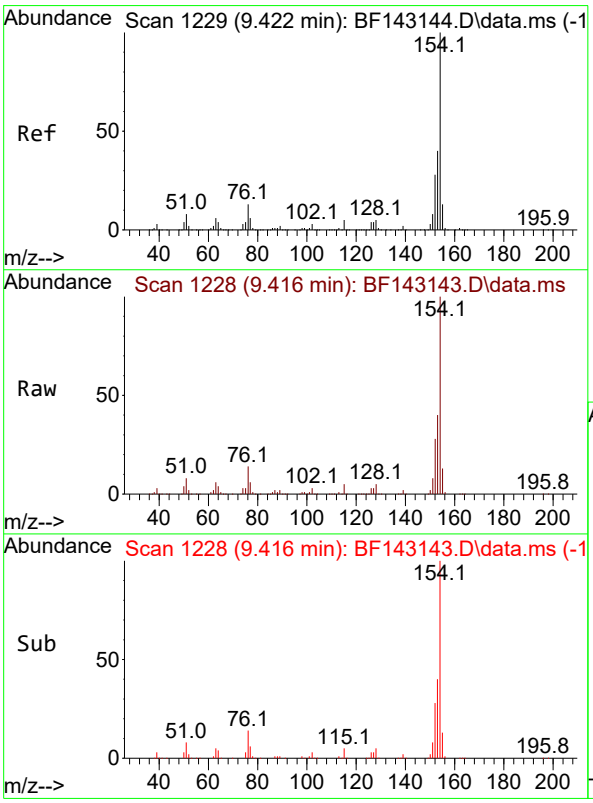
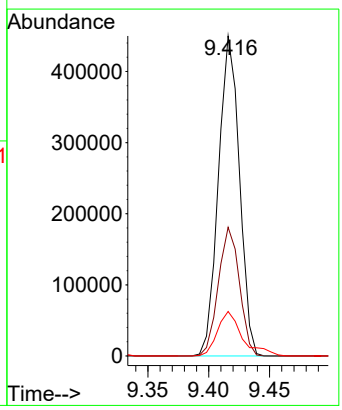
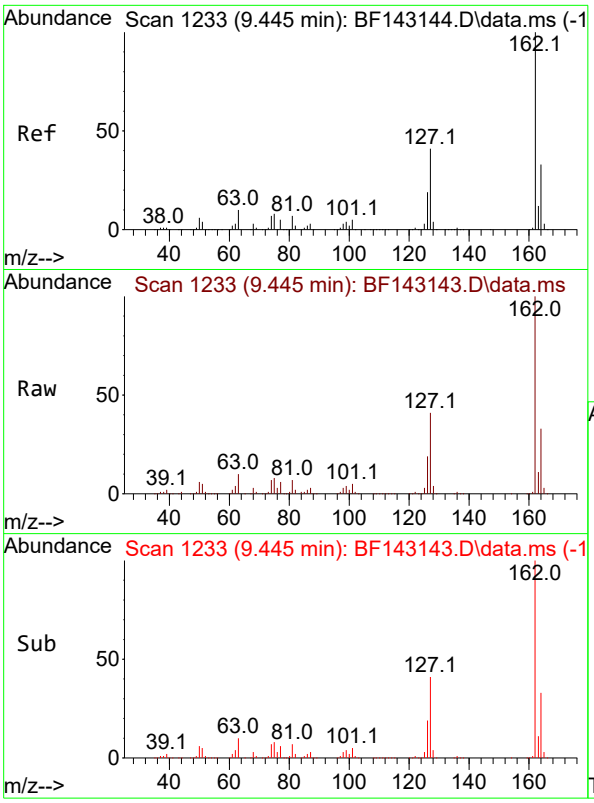


#46
1,1'-Biphenyl
Concen: 21.019 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:154 Resp: 540637

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.3	60.3
76	13.9	0.0	33.3

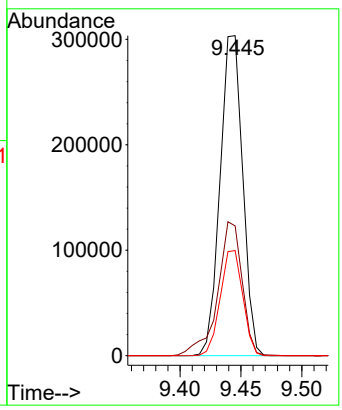




#47
2-Chloronaphthalene
Concen: 20.650 ng
RT: 9.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:162 Resp: 39300

Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.4	50.2
164	32.9	26.2	39.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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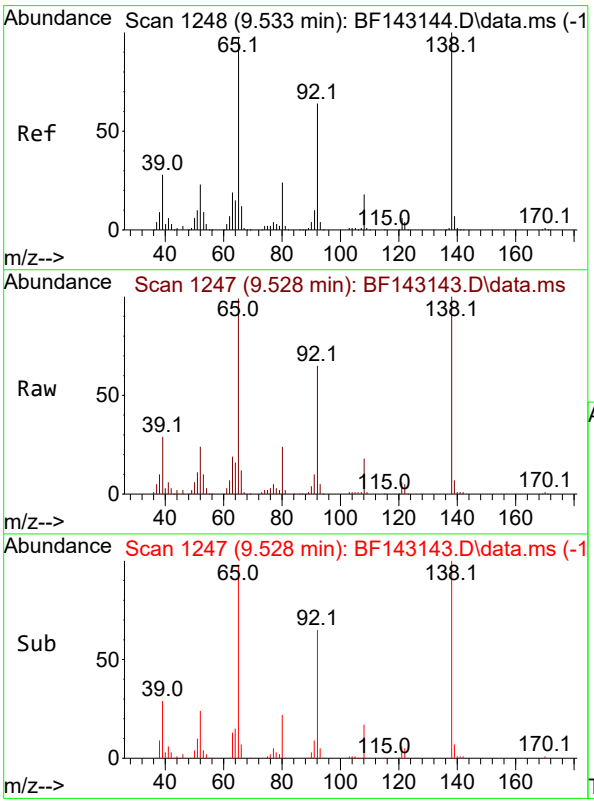
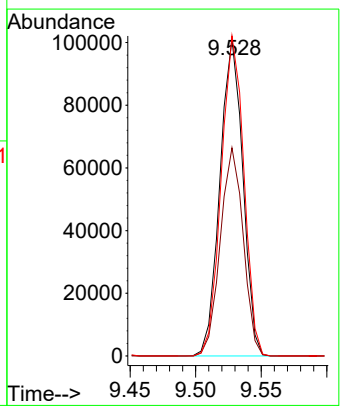
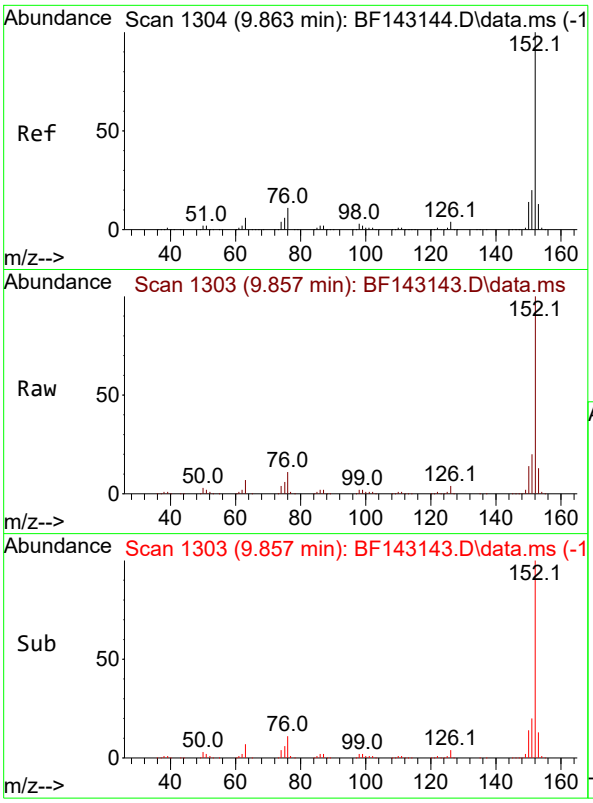


#48
2-Nitroaniline
Concen: 20.528 ng
RT: 9.528 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 65 Resp: 122517

Ion	Ratio	Lower	Upper
65	100		
92	65.6	52.4	78.6
138	100.8	82.3	123.5

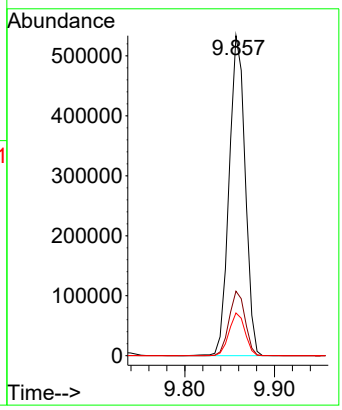




#49
Acenaphthylene
Concen: 20.789 ng
RT: 9.857 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:152 Resp: 66304

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.3	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
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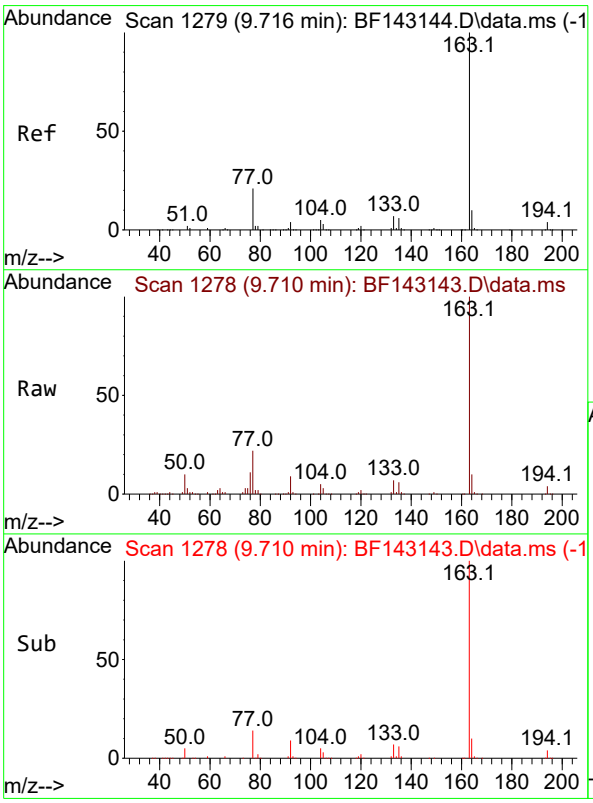
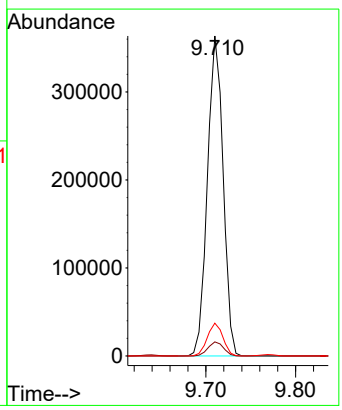
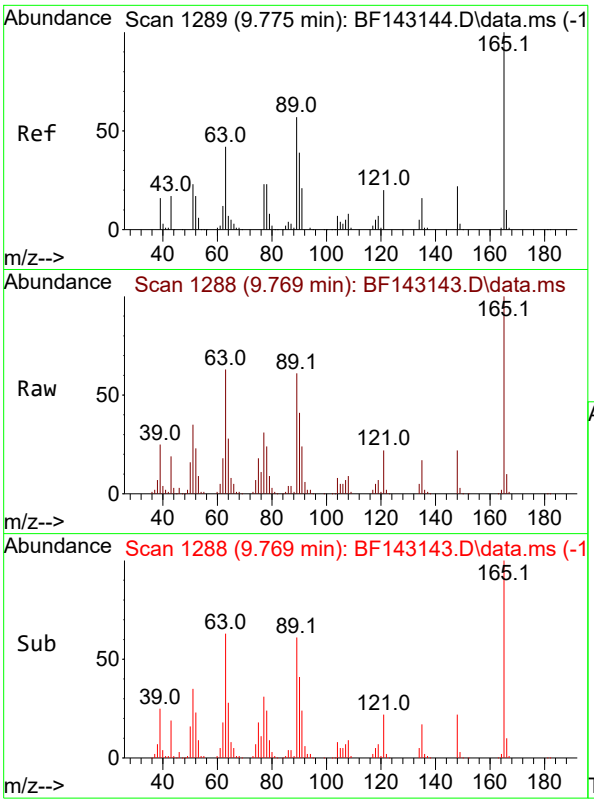


#50
Dimethylphthalate
Concen: 20.558 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:163 Resp: 441768

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.3	8.3	12.5

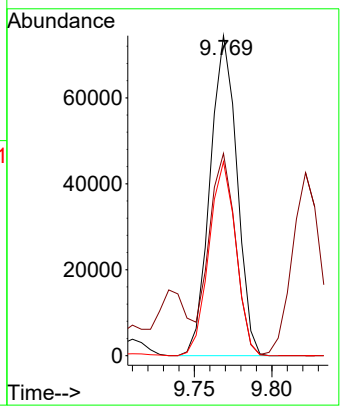




#51
2,6-Dinitrotoluene
Concen: 20.529 ng
RT: 9.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:165 Resp: 8974

Ion	Ratio	Lower	Upper
165	100		
63	63.2	49.4	74.2
89	60.6	46.2	69.2



Instrument :
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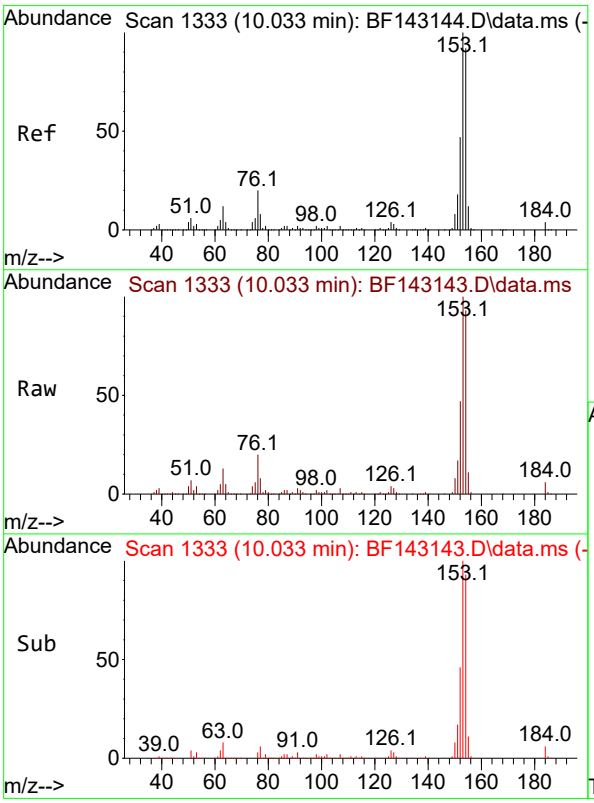
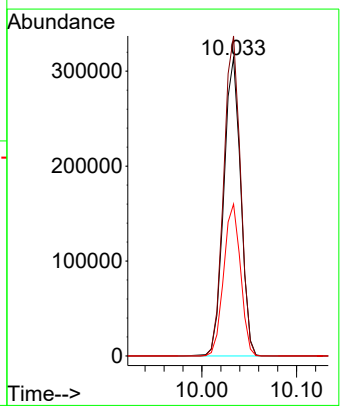
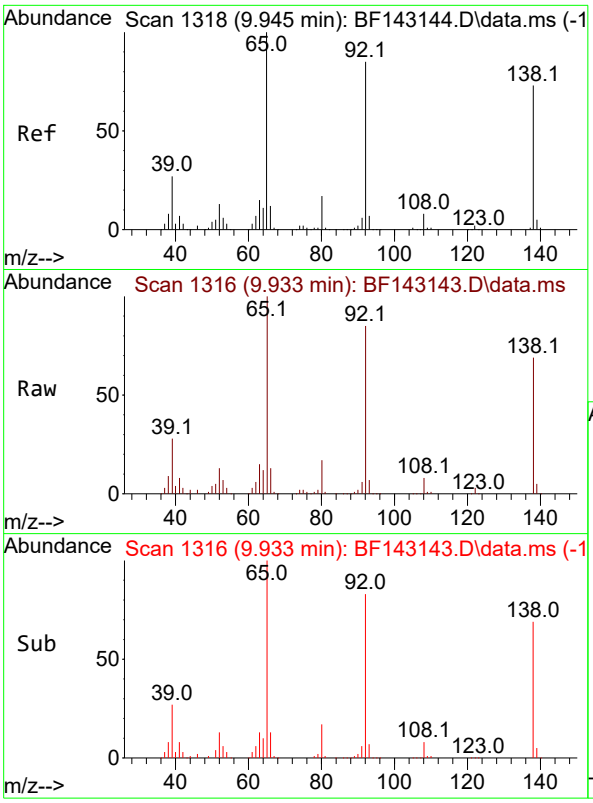


#52
Acenaphthene
Concen: 20.702 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:154 Resp: 390249

Ion	Ratio	Lower	Upper
154	100		
153	107.3	86.6	129.8
152	50.9	40.4	60.6

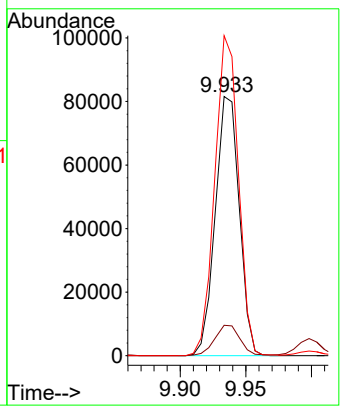




#53
3-Nitroaniline
Concen: 20.314 ng
RT: 9.933 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:138 Resp: 10387

Ion	Ratio	Lower	Upper
138	100		
108	11.7	9.0	13.6
92	123.4	93.0	139.4



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ClientSampleId :
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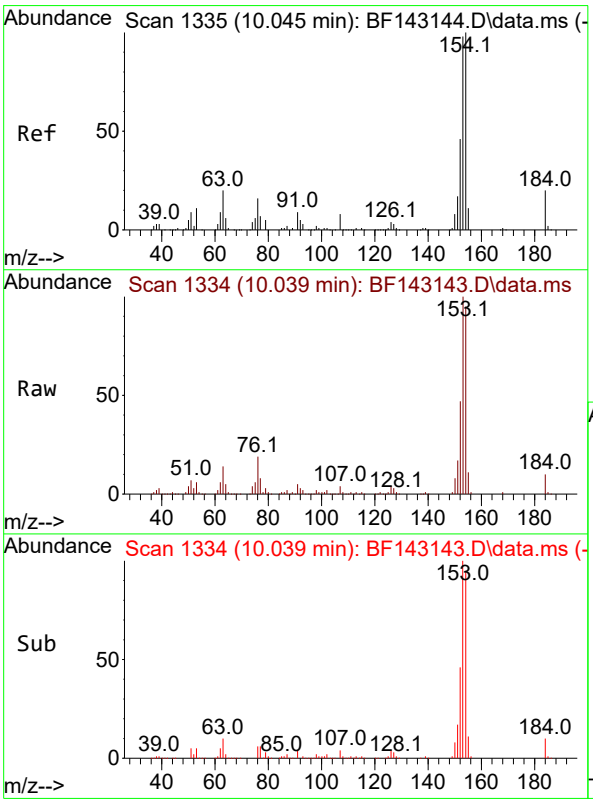
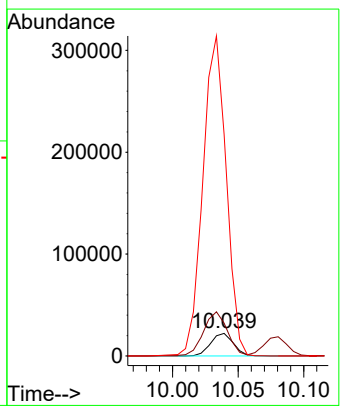
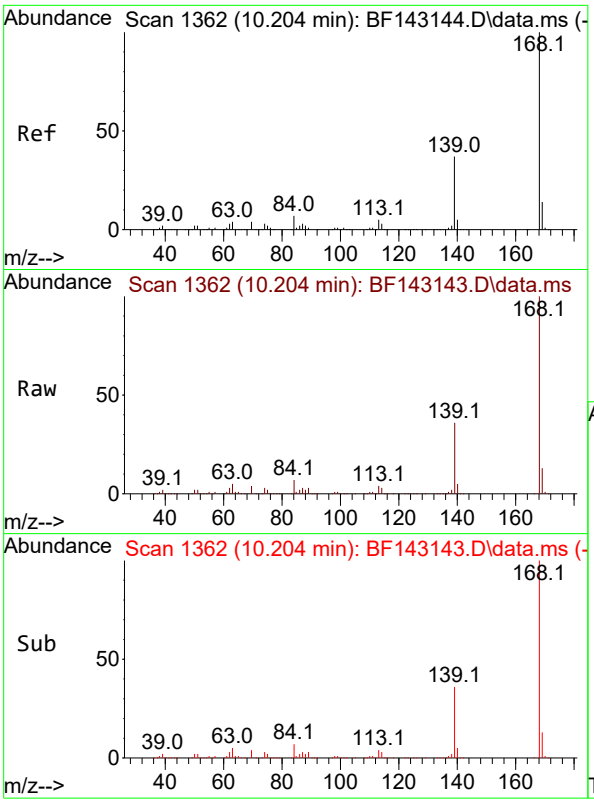


#54
2,4-Dinitrophenol
Concen: 19.073 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:184 Resp: 26820

Ion	Ratio	Lower	Upper
184	100		
63	145.3	81.8	122.6#
154	980.0	412.2	618.4#

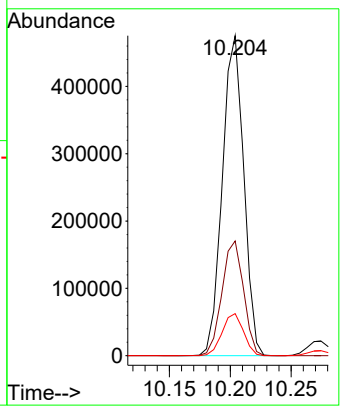




#55
Dibenzofuran
Concen: 20.806 ng
RT: 10.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:168 Resp: 58232

Ion	Ratio	Lower	Upper
168	100		
139	35.9	29.5	44.3
169	13.1	10.9	16.3



Instrument :
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ClientSampleId :
SSTDICC020

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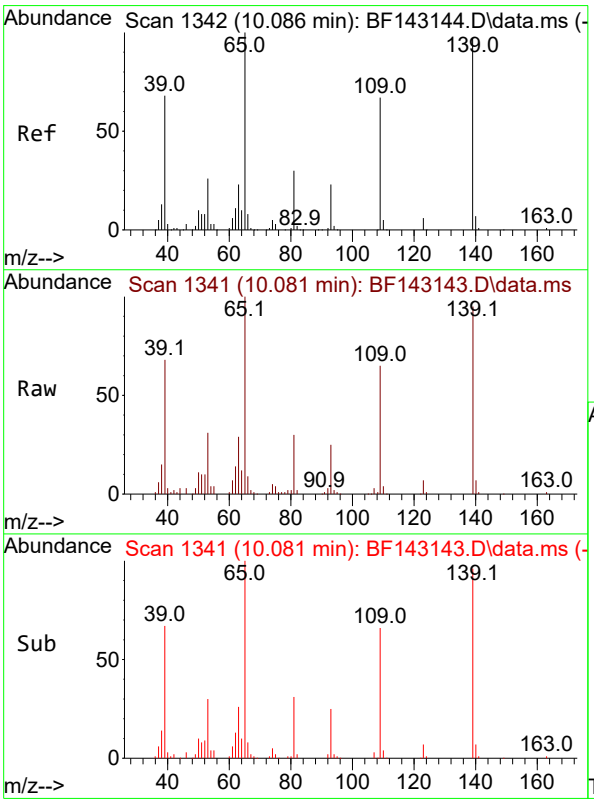
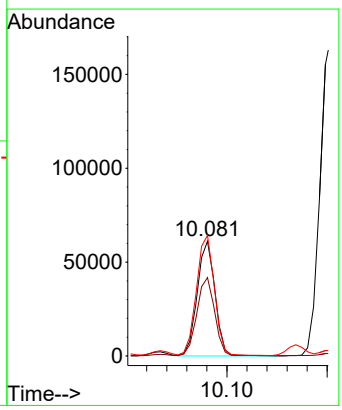
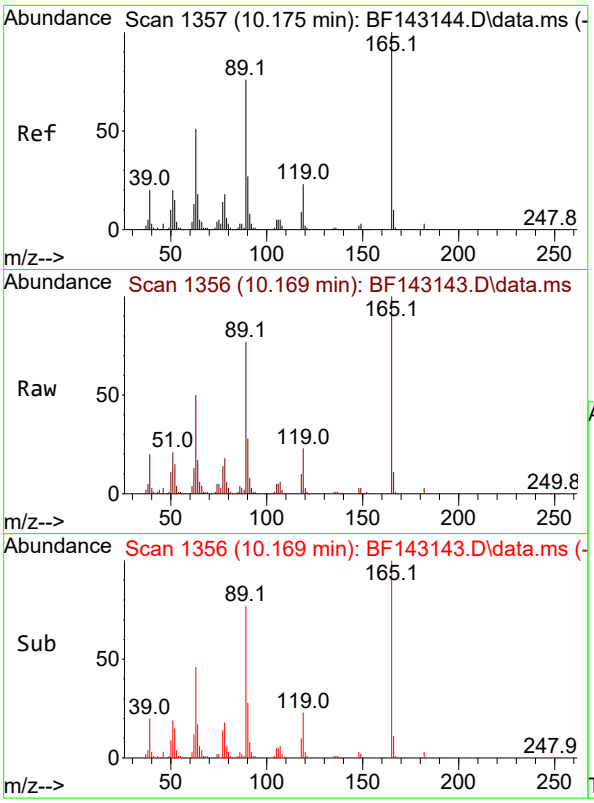


#56
4-Nitrophenol
Concen: 19.715 ng
RT: 10.081 min Scan# 1341
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:139 Resp: 75275

Ion	Ratio	Lower	Upper
139	100		
109	68.3	48.5	88.5
65	105.1	83.4	123.4

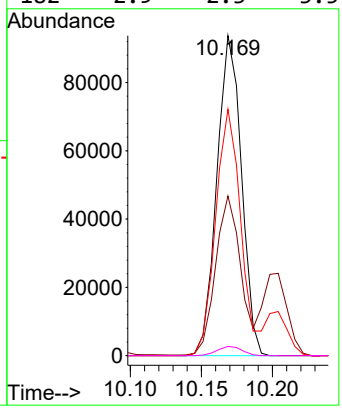




#57
2,4-Dinitrotoluene
Concen: 20.577 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:165 Resp: 11285

Ion	Ratio	Lower	Upper
165	100		
63	49.9	41.0	61.4
89	77.0	61.1	91.7
182	2.9	2.3	3.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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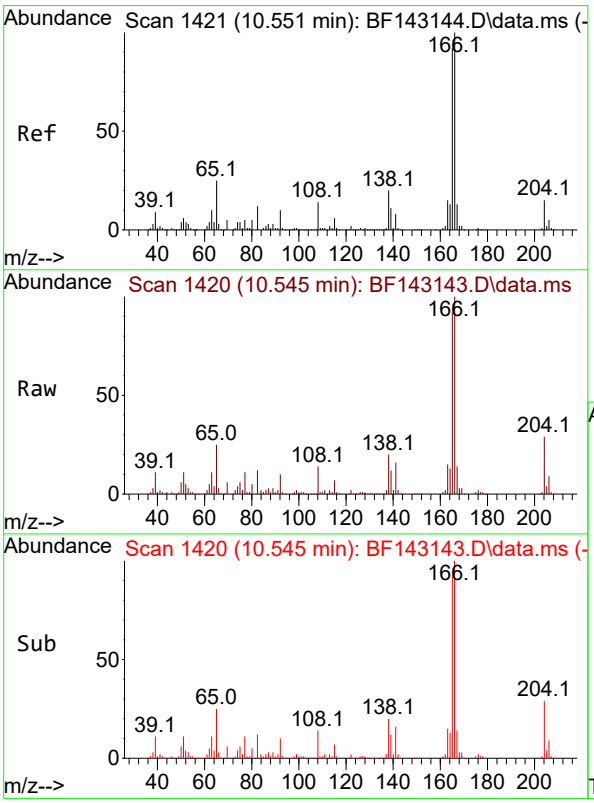
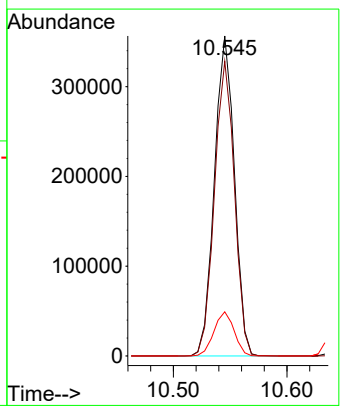
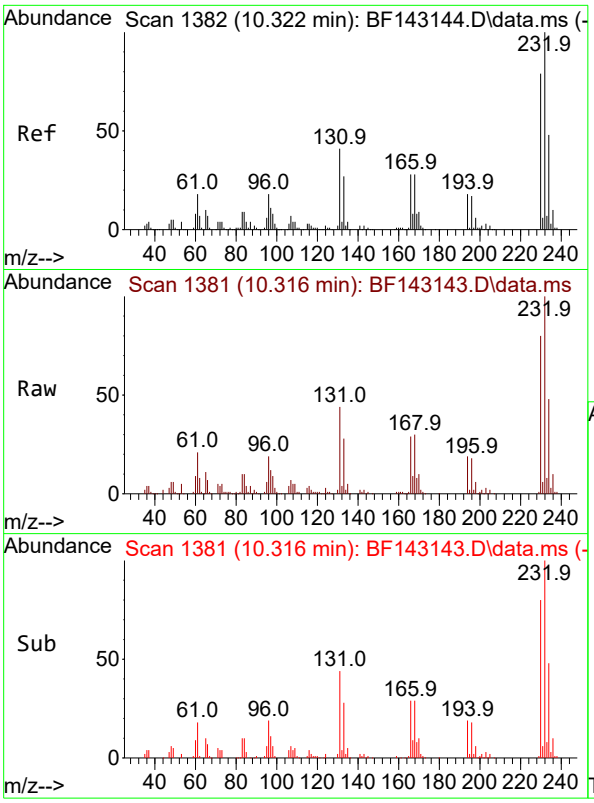


#58
Fluorene
Concen: 20.750 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:166 Resp: 435866

Ion	Ratio	Lower	Upper
166	100		
165	92.1	73.7	110.5
167	13.8	10.6	16.0

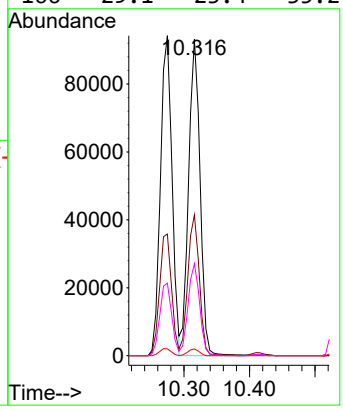




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.859 ng
RT: 10.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:232 Resp: 11385

Ion	Ratio	Lower	Upper
232	100		
131	44.3	35.3	52.9
130	2.1	1.7	2.5
166	29.1	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
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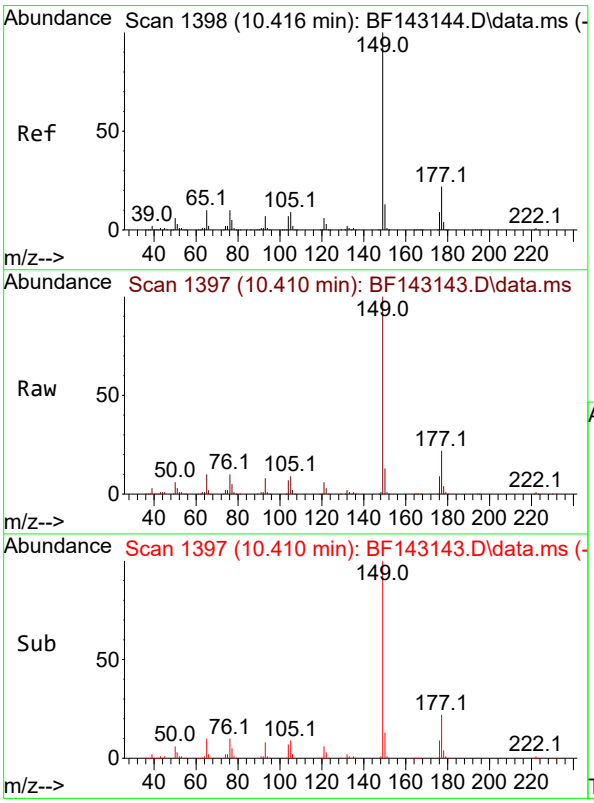
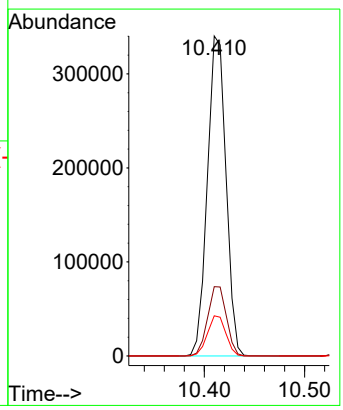
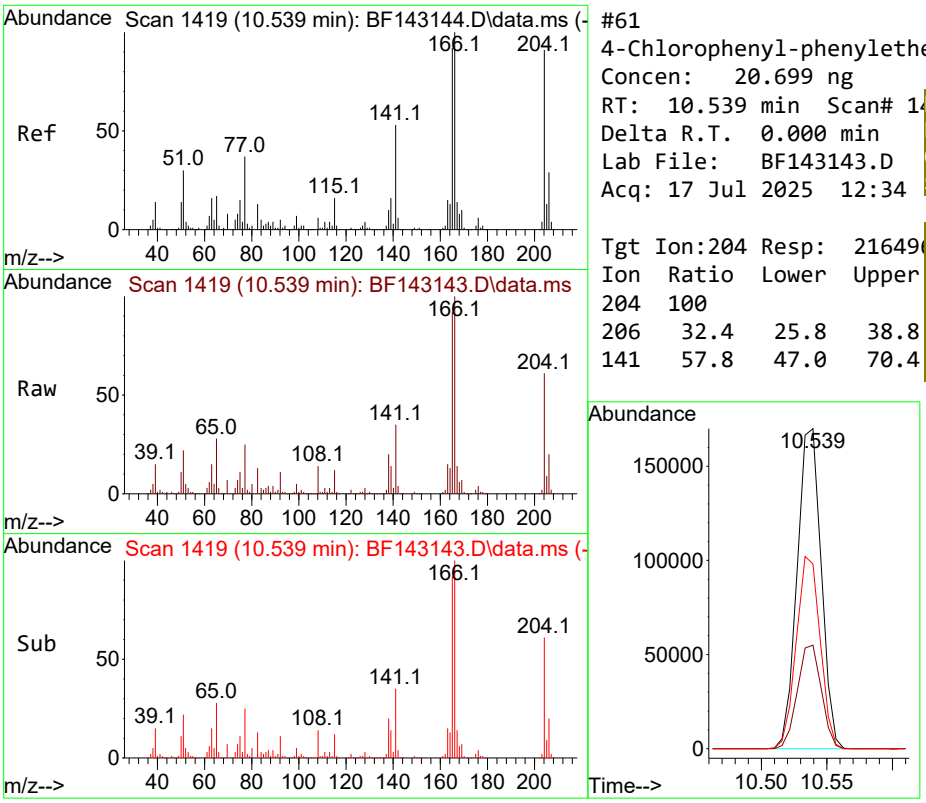


#60
Diethylphthalate
Concen: 20.719 ng
RT: 10.410 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:149 Resp: 440058

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.5	26.3
150	12.5	10.2	15.2





#61
4-Chlorophenyl-phenylether
Concen: 20.699 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:204 Resp: 21649

Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.8	38.8
141	57.8	47.0	70.4

Instrument :
BNA_F
ClientSampleId :
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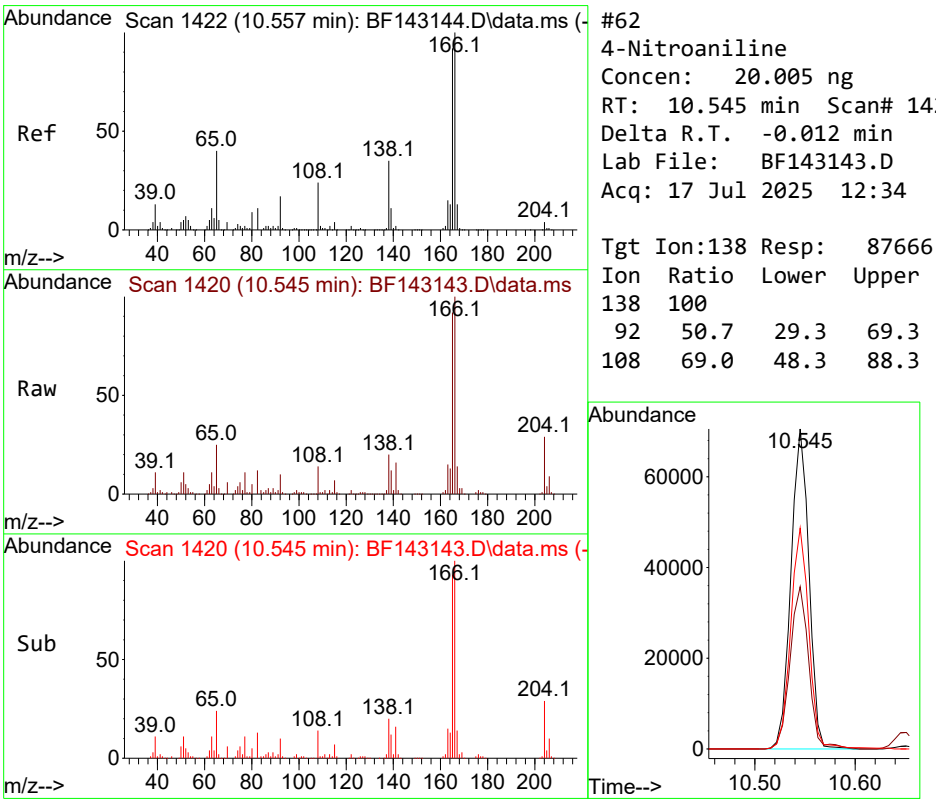
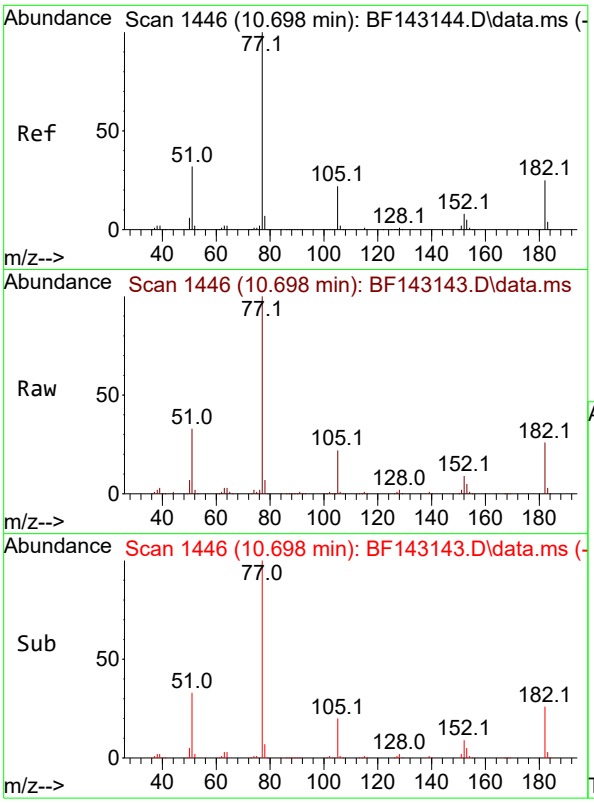


#62
4-Nitroaniline
Concen: 20.005 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:138 Resp: 87666

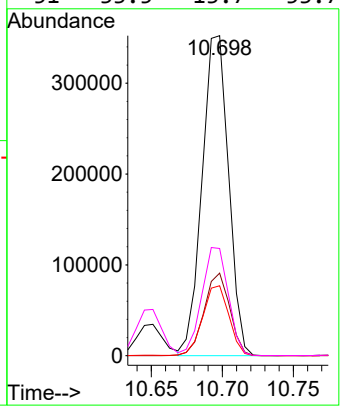
Ion	Ratio	Lower	Upper
138	100		
92	50.7	29.3	69.3
108	69.0	48.3	88.3



#63
Azobenzene
Concen: 20.690 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 77 Resp: 45801

Ion	Ratio	Lower	Upper
77	100		
182	25.8	4.6	44.6
105	21.8	1.4	41.4
51	33.5	13.7	53.7



Instrument :
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ClientSampleId :
SSTDICC020

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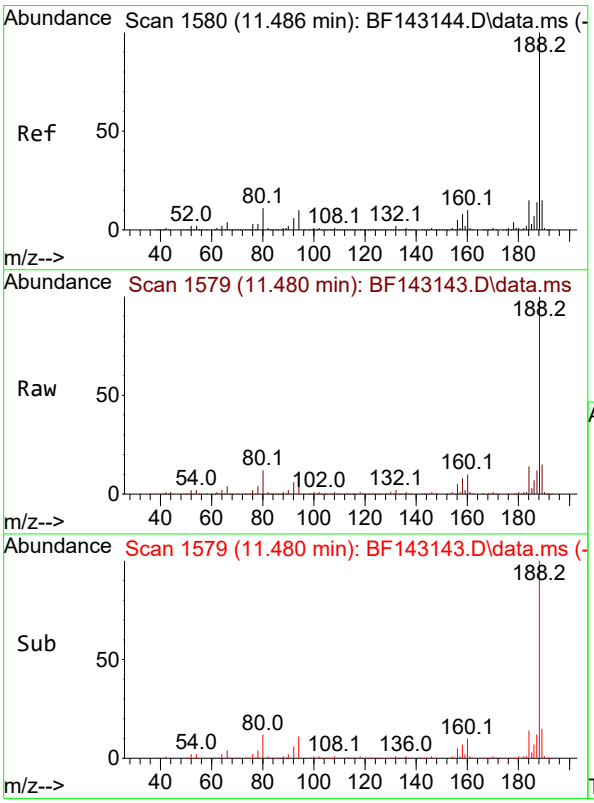
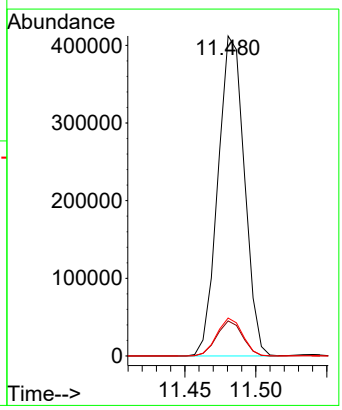
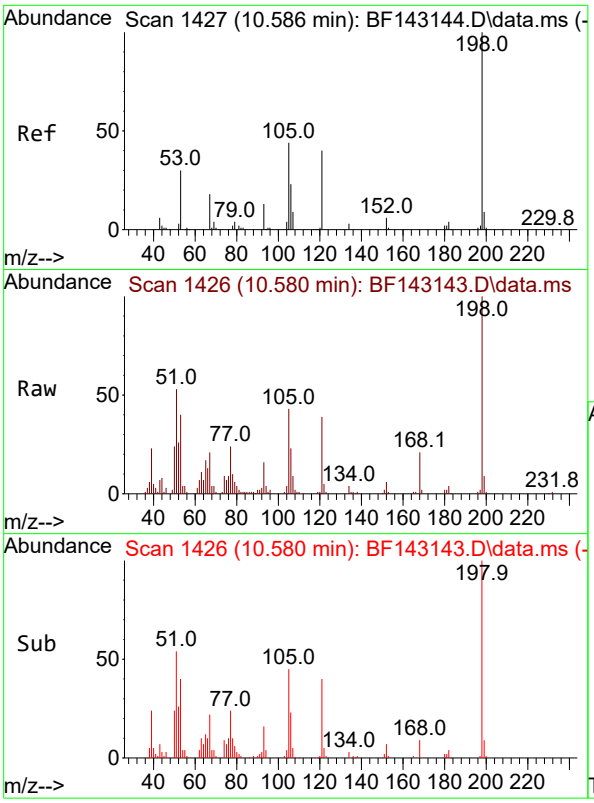


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:188 Resp: 532921

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.3	12.5
80	11.9	9.0	13.6

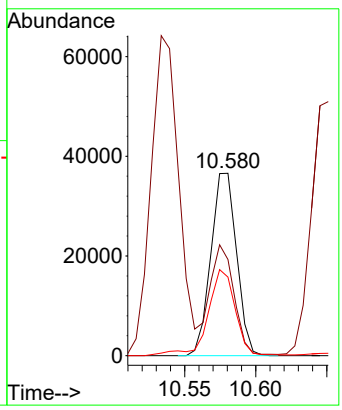




#65
4,6-Dinitro-2-methylphenol
Concen: 20.060 ng
RT: 10.580 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:198 Resp: 4612

Ion	Ratio	Lower	Upper
198	100		
51	52.7	37.2	77.2
105	43.1	24.8	64.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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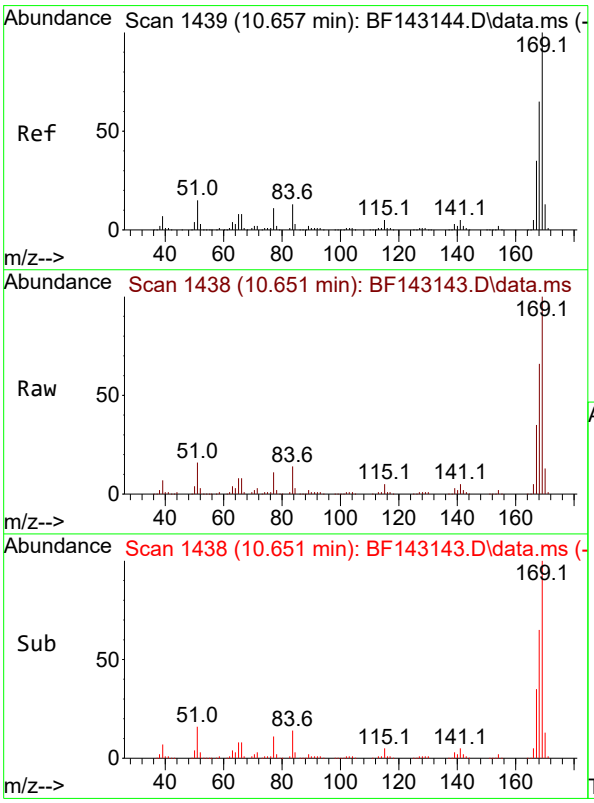
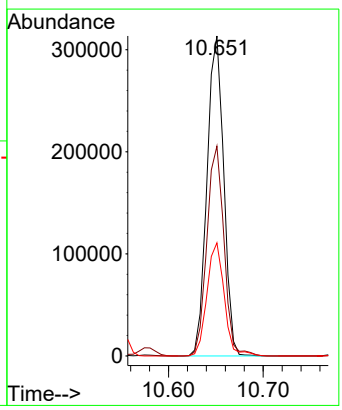
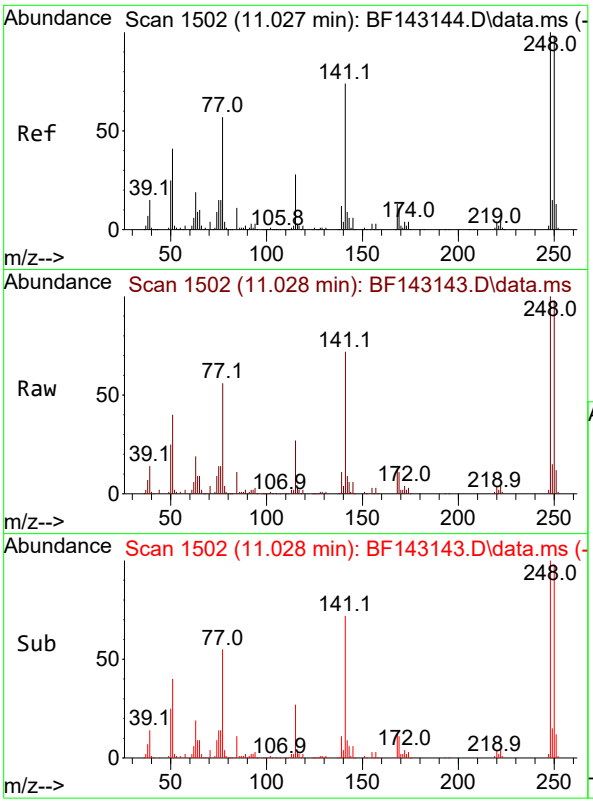


#66
n-Nitrosodiphenylamine
Concen: 20.488 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:169 Resp: 384467

Ion	Ratio	Lower	Upper
169	100		
168	65.6	52.1	78.1
167	35.4	28.2	42.2

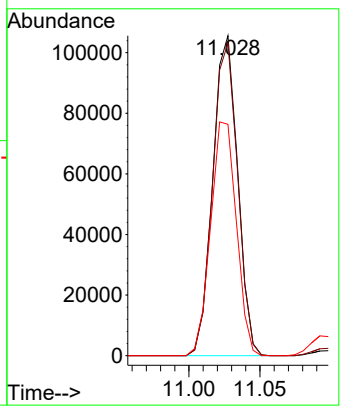




#67
4-Bromophenyl-phenylether
Concen: 20.259 ng
RT: 11.028 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:248 Resp: 12866

Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.3	117.5
141	72.3	59.2	88.8



Instrument :
BNA_F
ClientSampleId :
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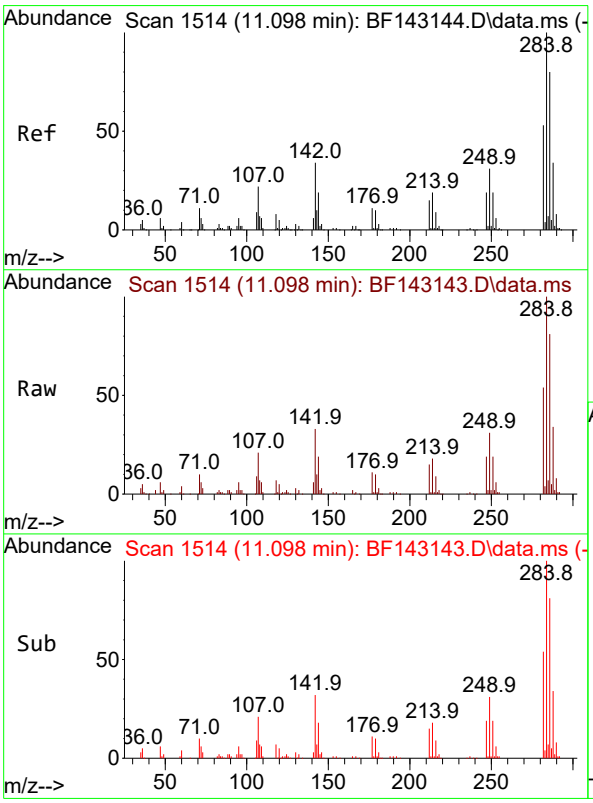
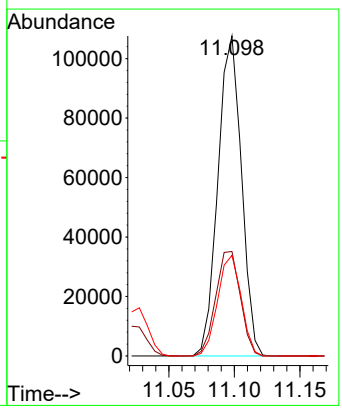
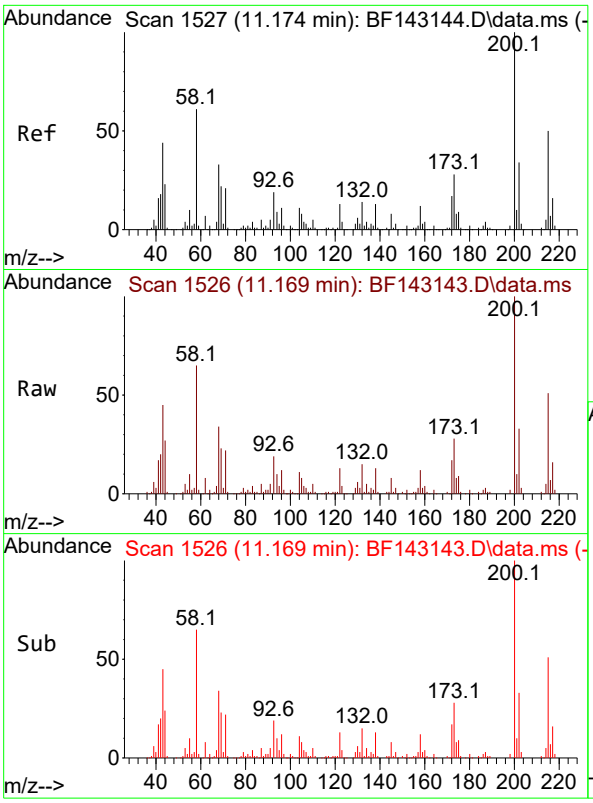


#68
Hexachlorobenzene
Concen: 20.191 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:284 Resp: 134031

Ion	Ratio	Lower	Upper
284	100		
142	32.7	27.0	40.6
249	31.5	25.0	37.6

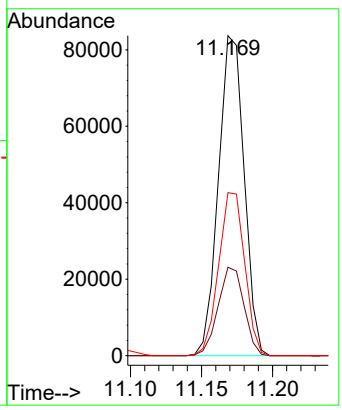




#69
Atrazine
Concen: 20.370 ng
RT: 11.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:200 Resp: 10538

Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.9	47.9
215	51.0	30.1	70.1



Instrument :
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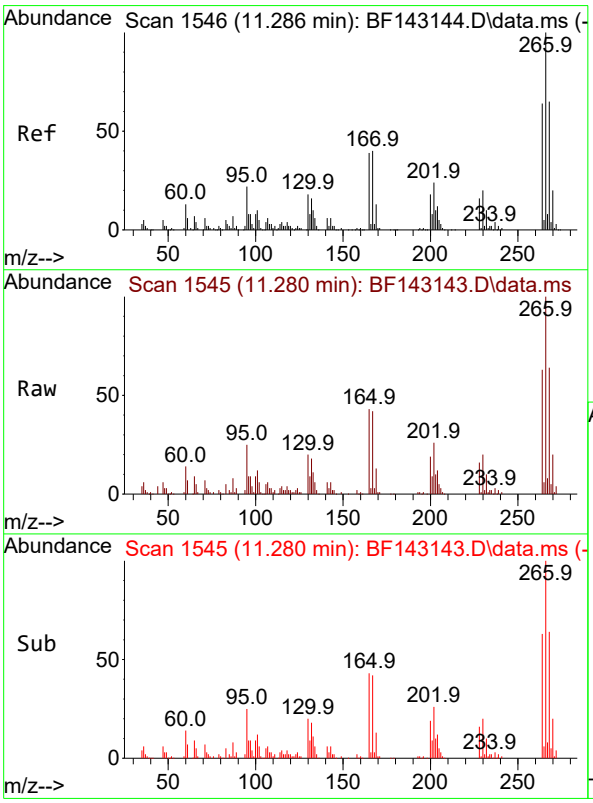
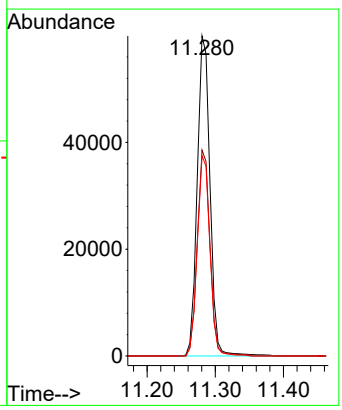
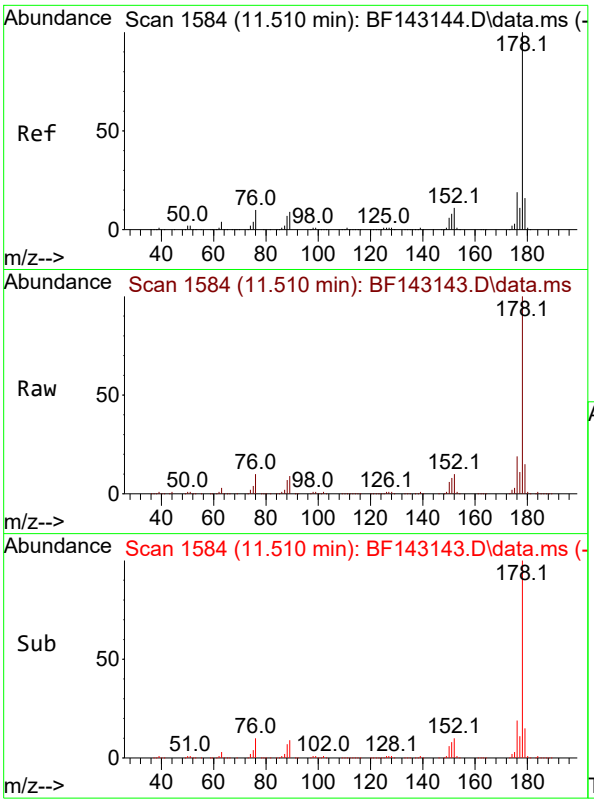


#70
Pentachlorophenol
Concen: 19.957 ng
RT: 11.280 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:266 Resp: 77906

Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.9	77.9
264	62.6	51.0	76.6

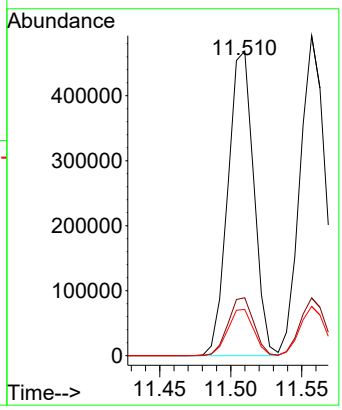




#71
Phenanthrene
Concen: 21.042 ng
RT: 11.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:178 Resp: 59541

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.2	12.5	18.7



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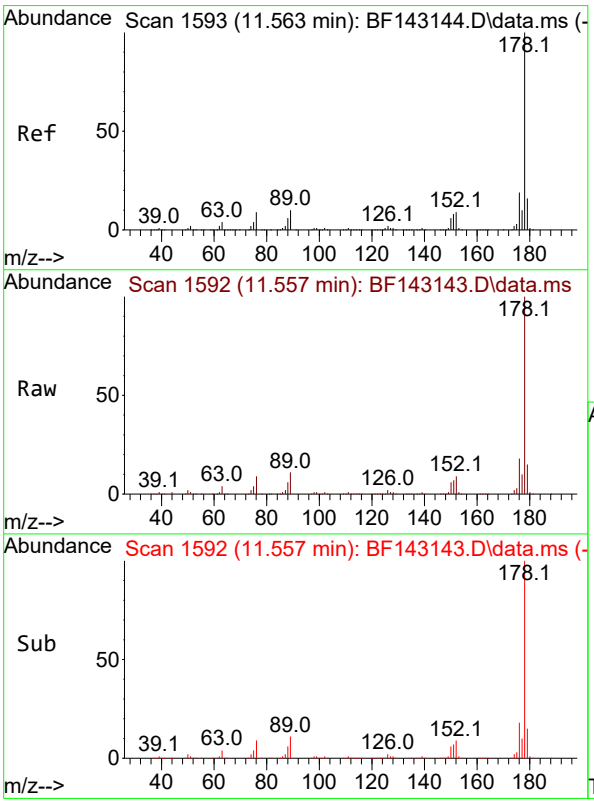
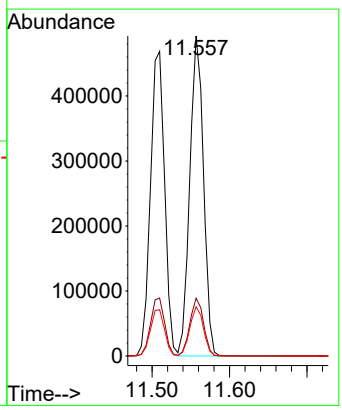
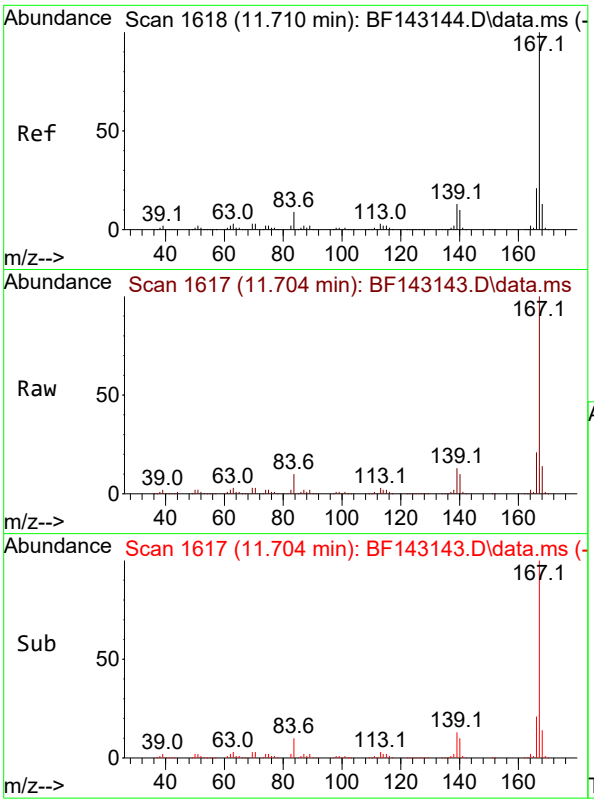


#72
Anthracene
Concen: 20.944 ng
RT: 11.557 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:178 Resp: 604416

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.0	22.4
179	15.4	12.5	18.7

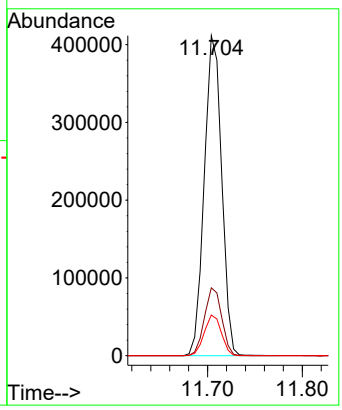




#73
Carbazole
Concen: 20.769 ng
RT: 11.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:167 Resp: 52336

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	12.7	10.0	15.0



Instrument :
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ClientSampleId :
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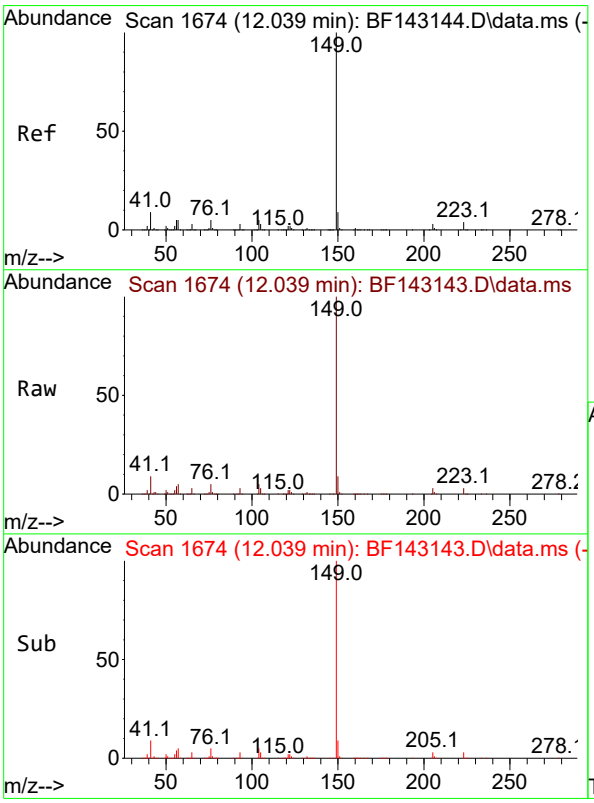
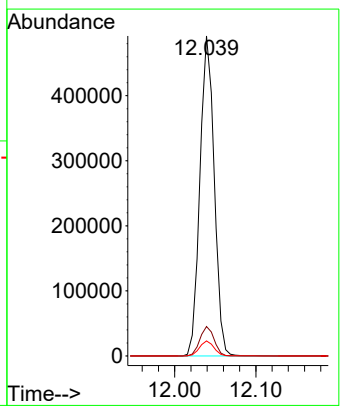
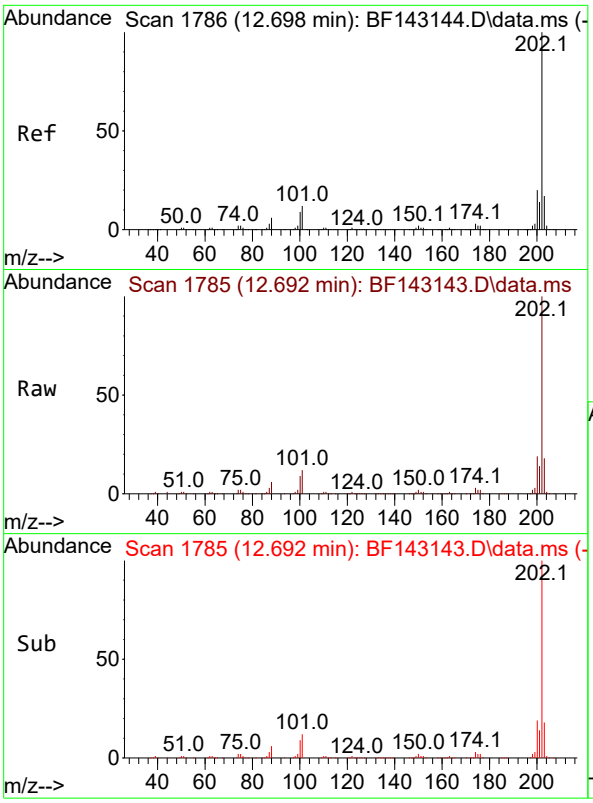


#74
Di-n-butylphthalate
Concen: 21.108 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:149 Resp: 601867

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.7	3.8	5.8

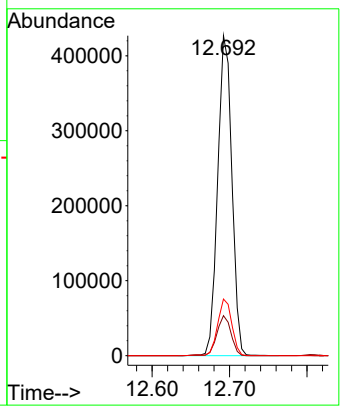




#75
Fluoranthene
Concen: 20.894 ng
RT: 12.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:202 Resp: 54266

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.7
203	17.7	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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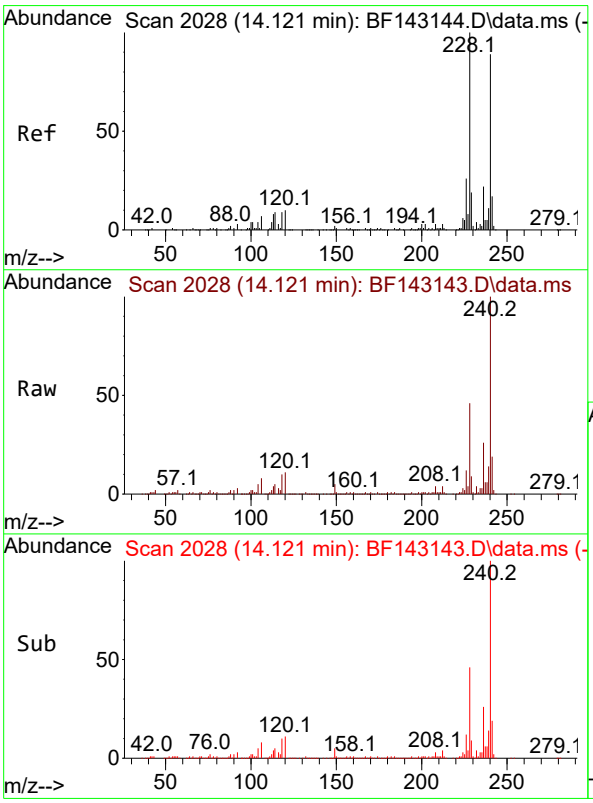
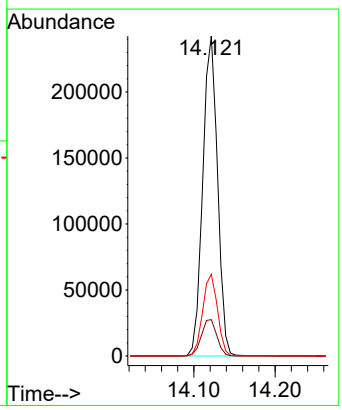
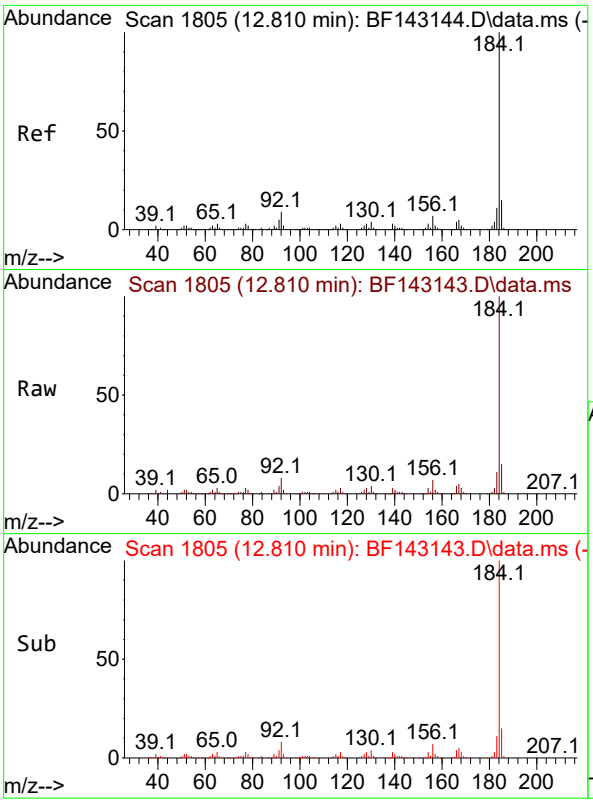


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:240 Resp: 305398

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.4	14.2
236	25.5	20.2	30.4

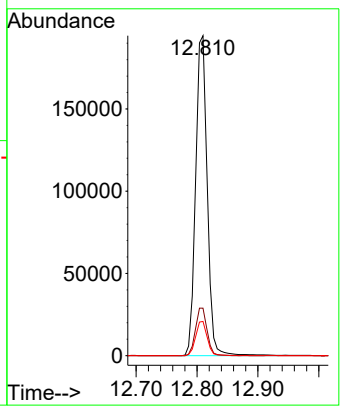




#77
Benzidine
Concen: 21.919 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:184 Resp: 25790

Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.2	18.4
183	10.7	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
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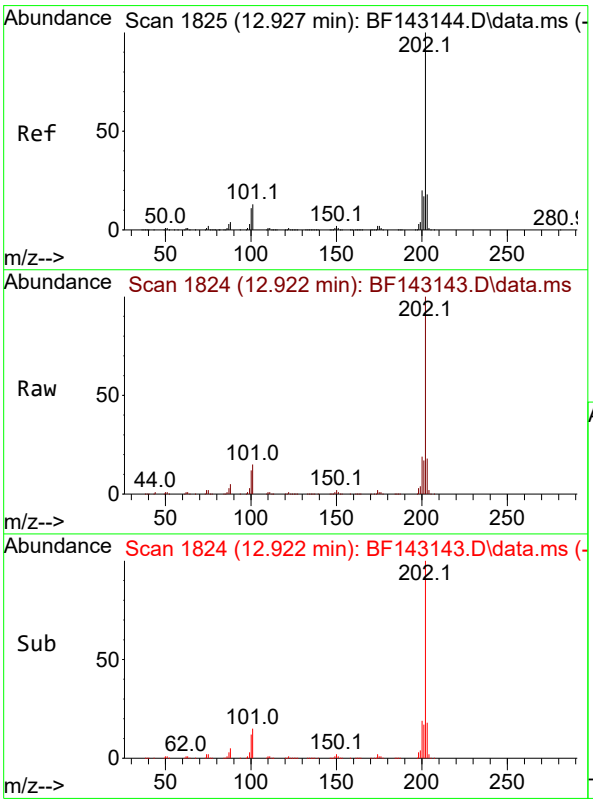
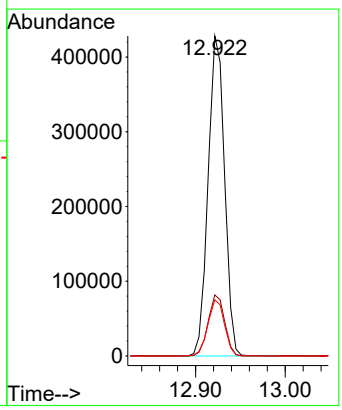
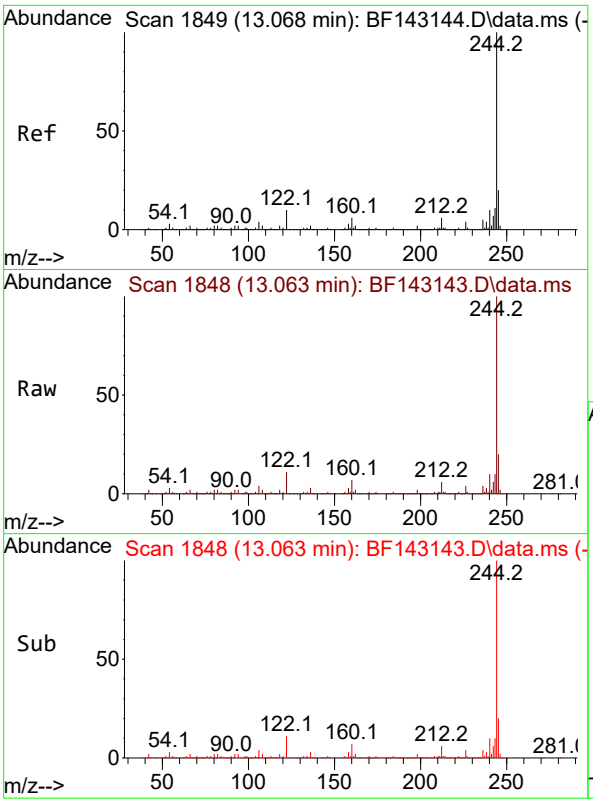


#78
Pyrene
Concen: 20.897 ng
RT: 12.922 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:202 Resp: 544650

Ion	Ratio	Lower	Upper
202	100		
200	19.1	15.7	23.5
203	17.6	14.2	21.2

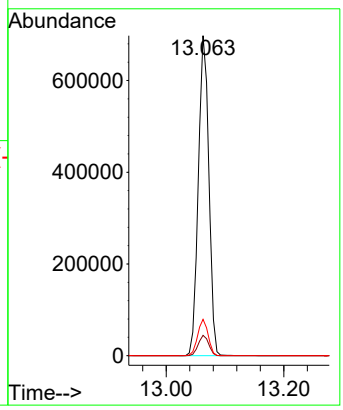




#79
Terphenyl-d14
Concen: 42.238 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:244 Resp: 86683

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.2	7.8
122	11.3	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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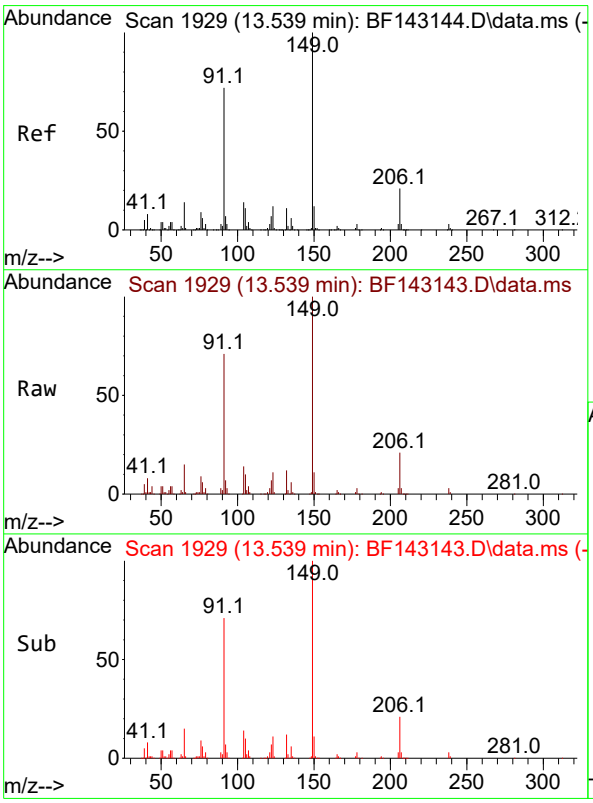
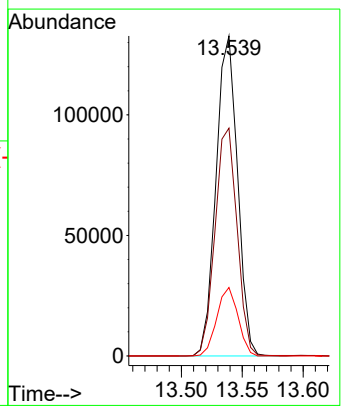
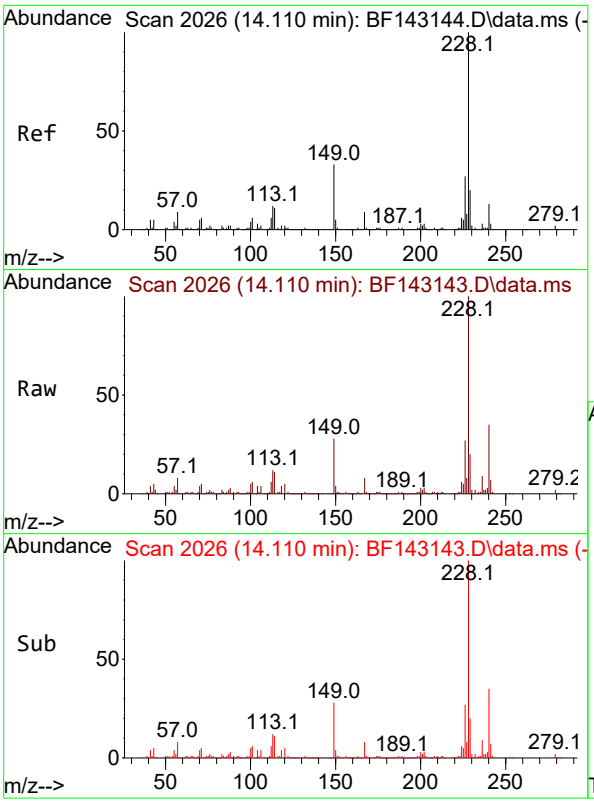


#80
Butylbenzylphthalate
Concen: 20.491 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:149 Resp: 163546

Ion	Ratio	Lower	Upper
149	100		
91	71.2	57.9	86.9
206	21.4	17.0	25.4

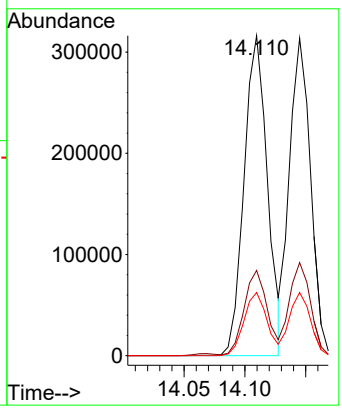




#81
Benzo(a)anthracene
Concen: 20.629 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:228 Resp: 42179

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.7	32.5
229	19.8	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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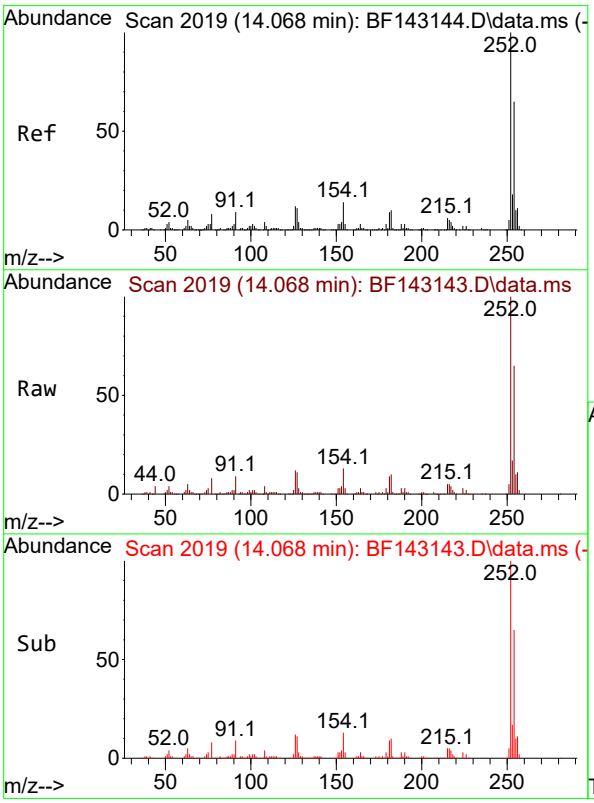
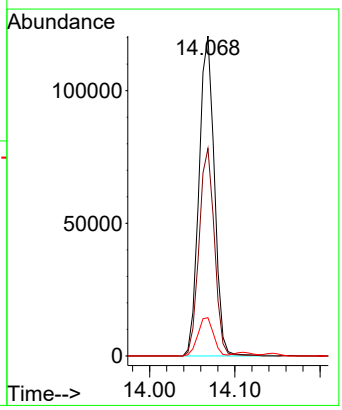
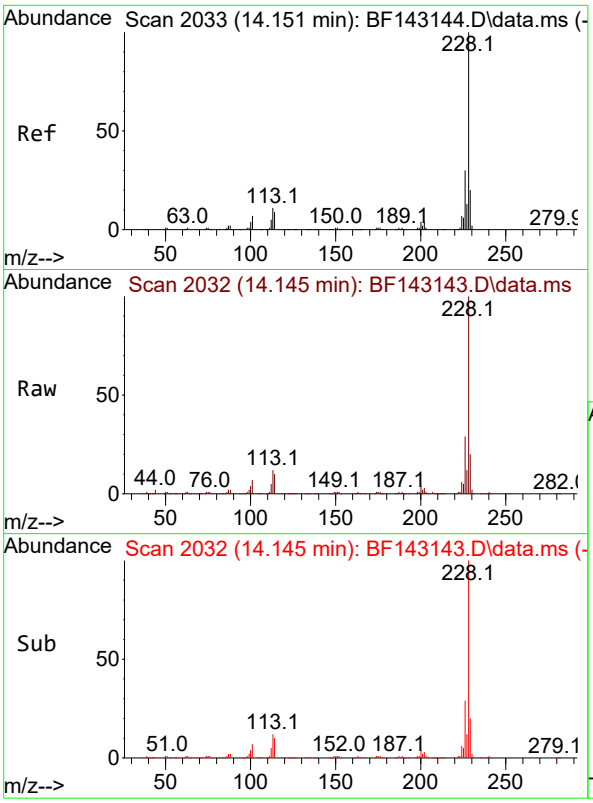


#82
3,3'-Dichlorobenzidine
Concen: 22.181 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:252 Resp: 151153

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.7	77.5
126	12.0	9.4	14.0

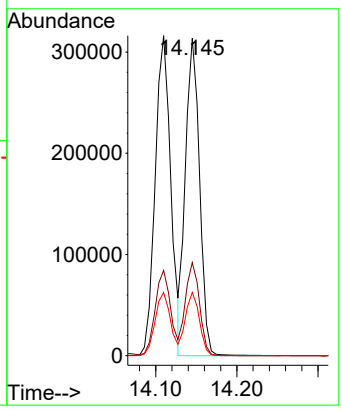




#83
Chrysene
Concen: 20.714 ng
RT: 14.145 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:228 Resp: 380799

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.8
229	19.9	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
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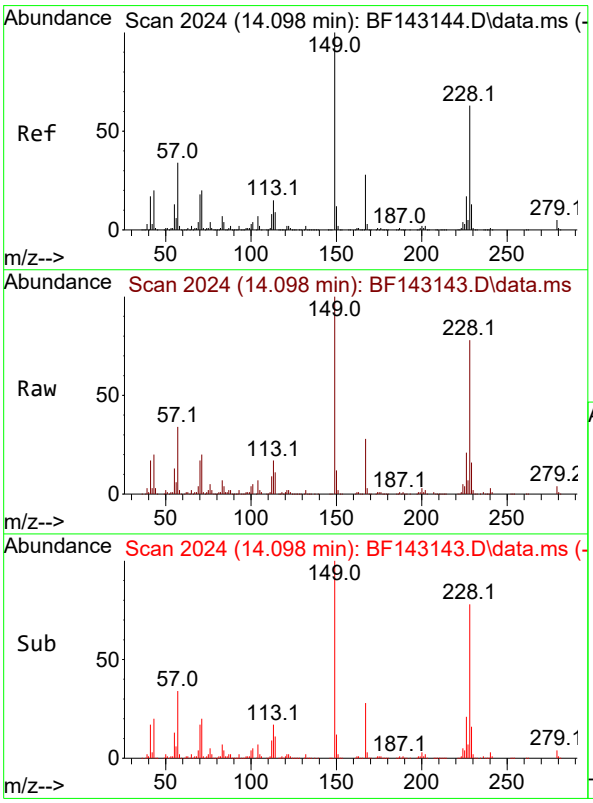
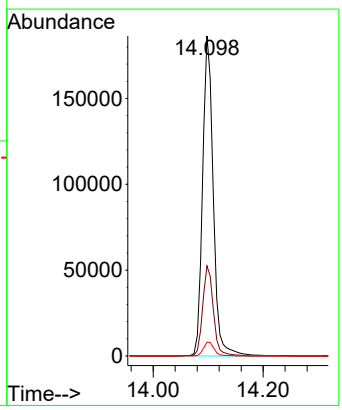
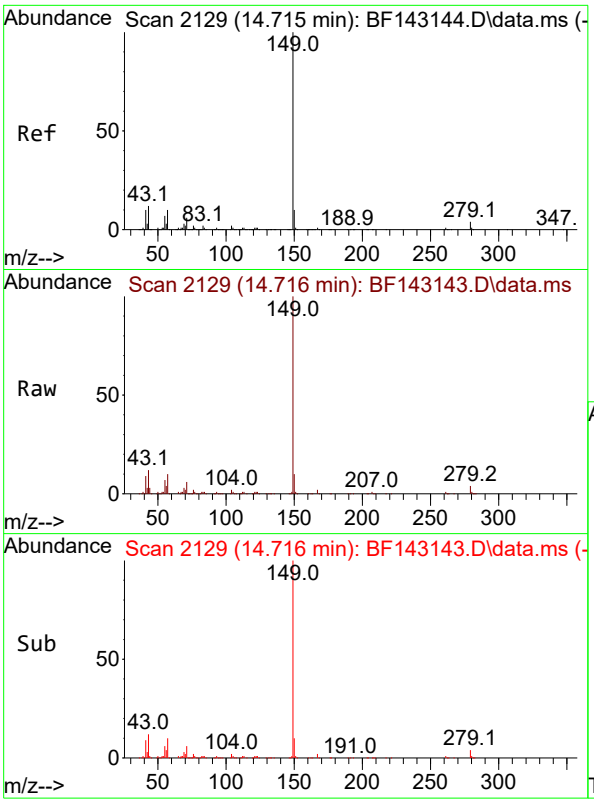


#84
Bis(2-ethylhexyl)phthalate
Concen: 20.839 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:149 Resp: 251739

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.3	33.5
279	4.3	3.6	5.4

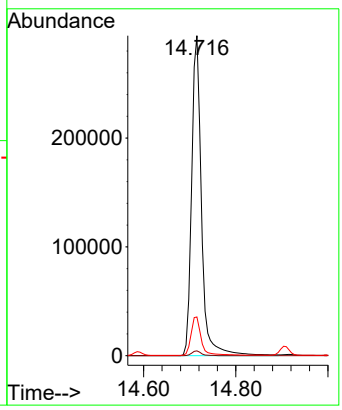




#85
Di-n-octyl phthalate
Concen: 19.916 ng
RT: 14.716 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:149 Resp: 43610

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	12.4	9.7	14.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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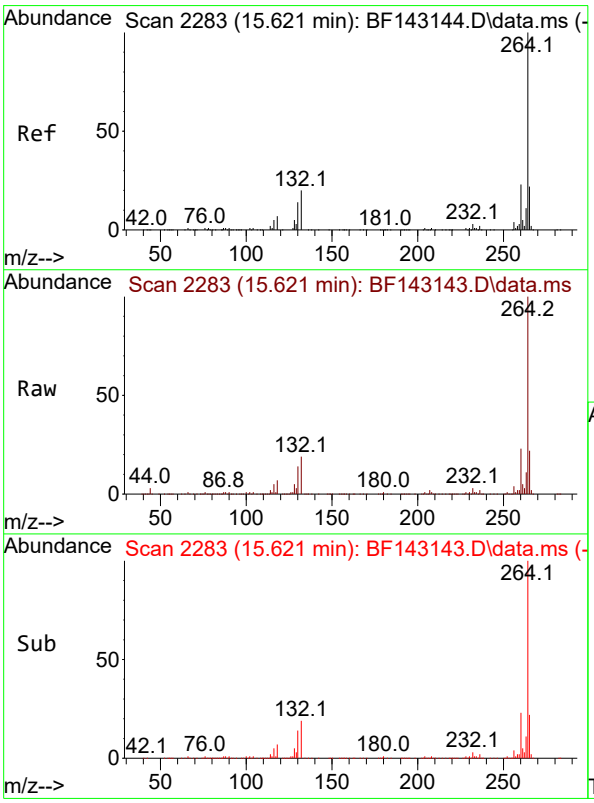
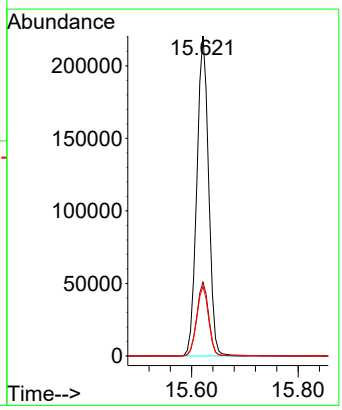
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

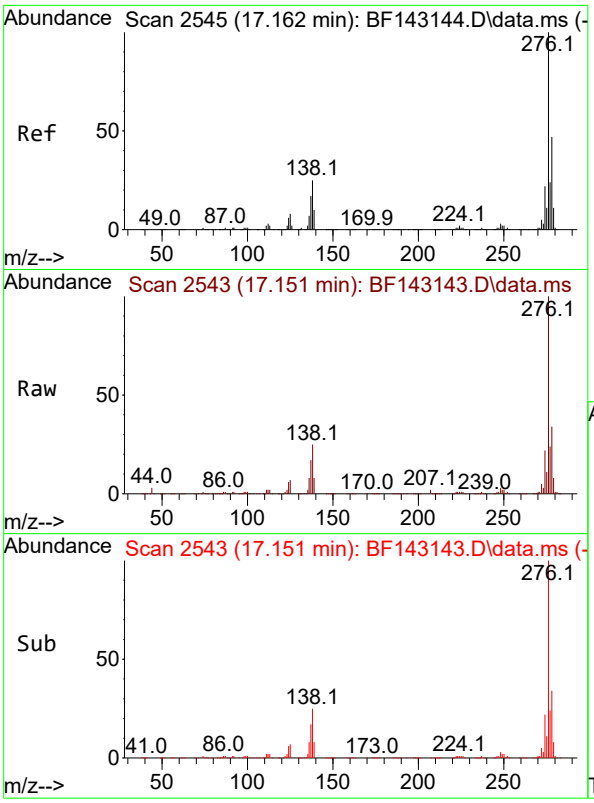


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:264 Resp: 338518

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.7	17.4	26.2

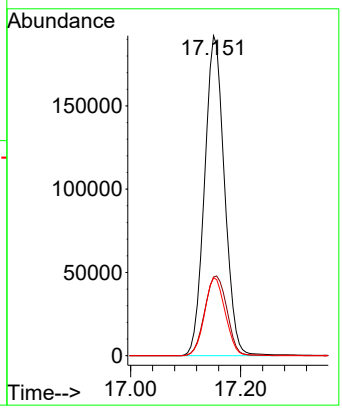




#87
Indeno(1,2,3-cd)pyrene
Concen: 20.286 ng
RT: 17.151 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:276 Resp: 48424

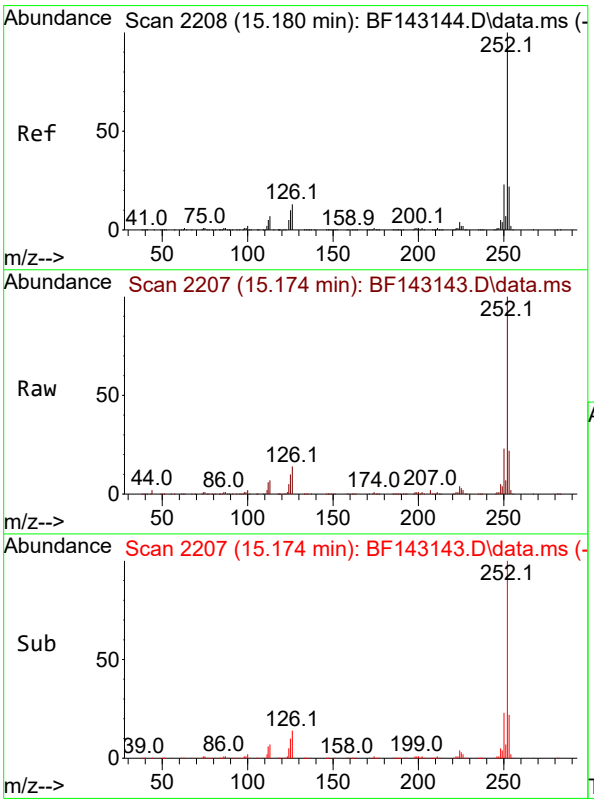
Ion	Ratio	Lower	Upper
276	100		
138	27.8	21.8	32.6
277	25.3	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

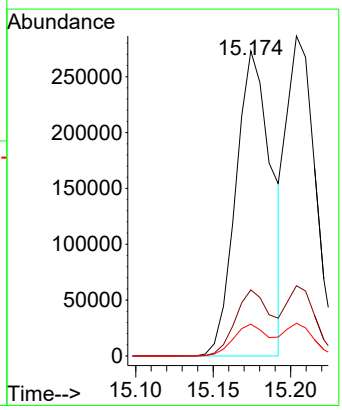
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

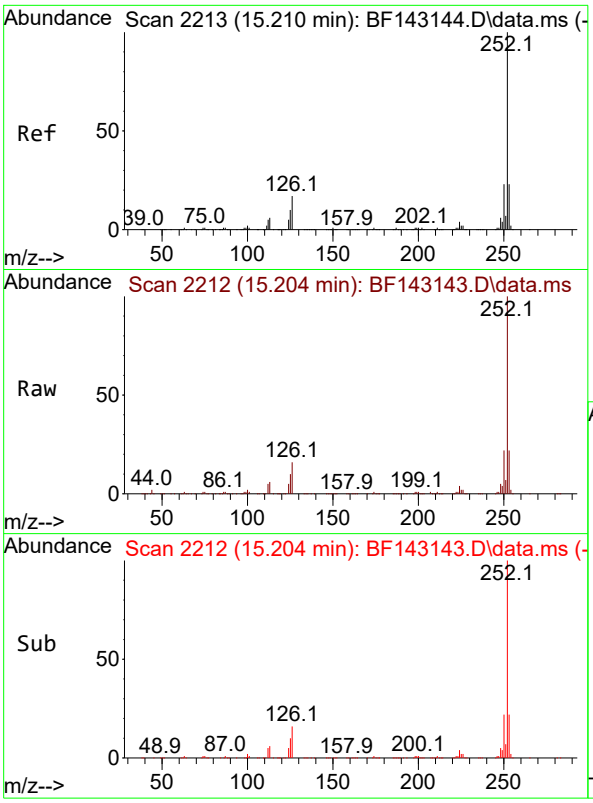


#88
Benzo(b)fluoranthene
Concen: 21.071 ng
RT: 15.174 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:252 Resp: 435747

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	10.4	8.0	12.0

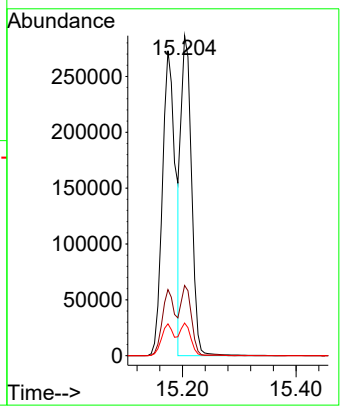




#89
Benzo(k)fluoranthene
Concen: 20.044 ng
RT: 15.204 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:252 Resp: 36989

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	10.2	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
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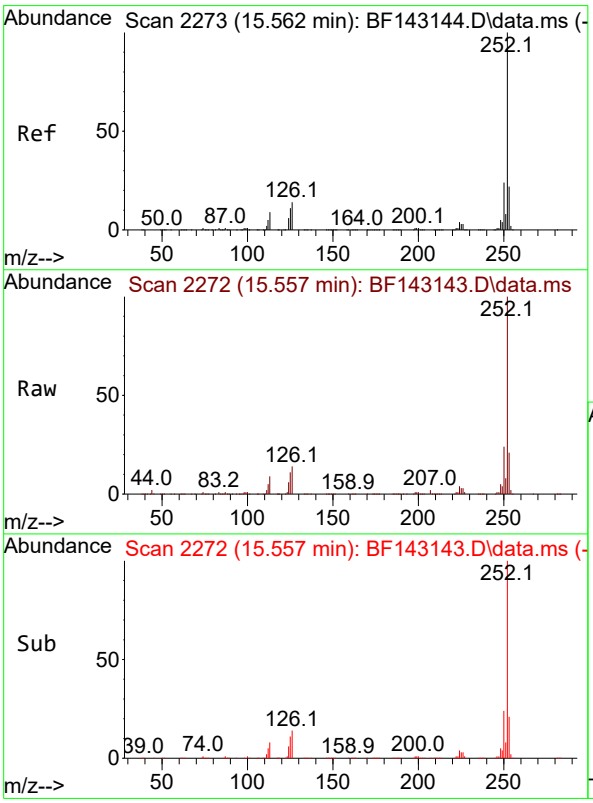
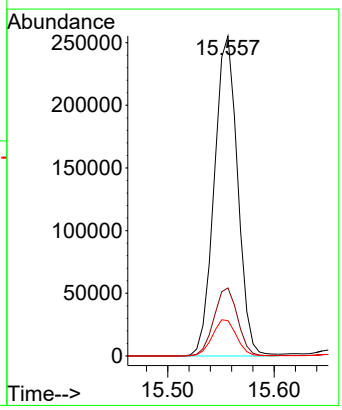
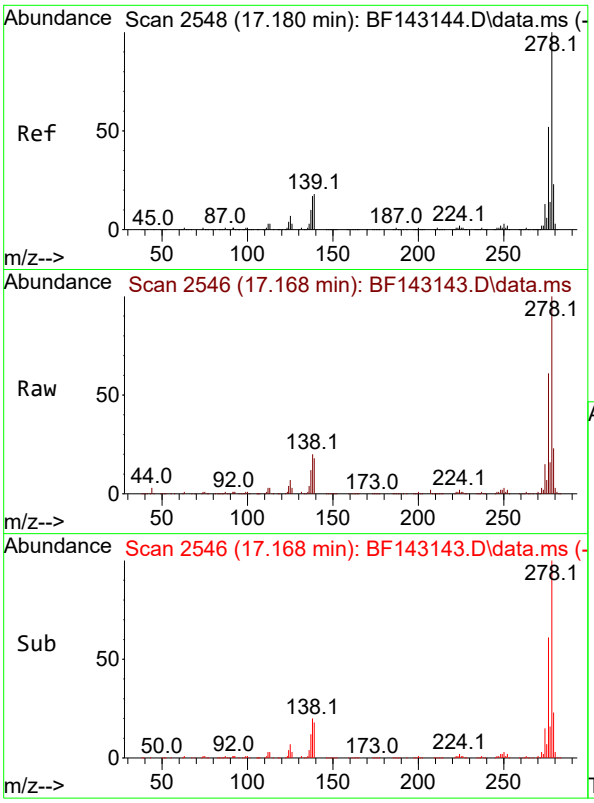


#90
Benzo(a)pyrene
Concen: 20.371 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:252 Resp: 388136

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.3	25.9
125	11.0	8.6	13.0

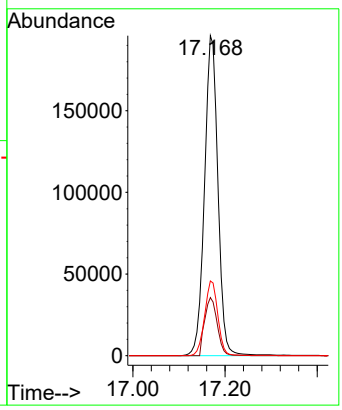




#91
Dibenzo(a,h)anthracene
Concen: 20.534 ng
RT: 17.168 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:278 Resp: 39894

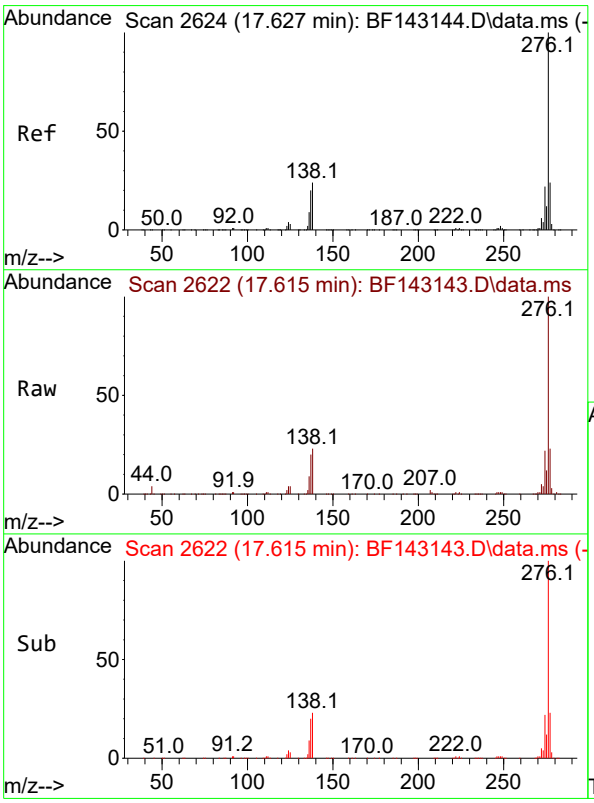
Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.1	21.1
279	23.4	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

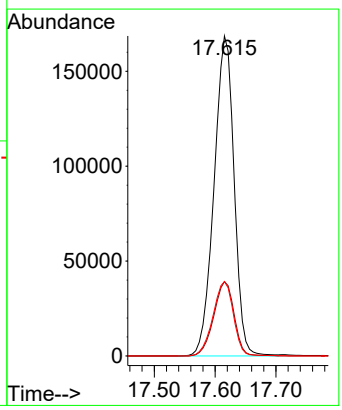
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#92
Benzo(g,h,i)perylene
Concen: 20.534 ng
RT: 17.615 min Scan# 2622
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:276 Resp: 385915

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.1	28.7
138	23.3	18.9	28.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143144.D
Acq On : 17 Jul 2025 13:03
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:03:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	167098	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	641413	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	331881	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	542726	20.000	ng	0.00
76) Chrysene-d12	14.121	240	296414	20.000	ng	0.00
86) Perylene-d12	15.621	264	323574	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	823062	77.946	ng	0.00
7) Phenol-d6	6.587	99	1038821	78.160	ng	0.00
23) Nitrobenzene-d5	7.522	82	1023138	79.512	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	279373	81.485	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1802398	74.274	ng	0.00
79) Terphenyl-d14	13.068	244	1554923	78.063	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.822	88	200396	40.108	ng	100
3) Pyridine	3.587	79	511417	39.435	ng	100
4) n-Nitrosodimethylamine	3.534	42	270676	40.426	ng	100
6) Aniline	6.622	93	736668	39.770	ng	100
8) 2-Chlorophenol	6.745	128	437914	39.565	ng	100
9) Benzaldehyde	6.516	77	482238	48.387	ng	100
10) Phenol	6.598	94	571741m	39.487	ng	
11) bis(2-Chloroethyl)ether	6.692	93	435450	39.279	ng	100
12) 1,3-Dichlorobenzene	6.904	146	468194	38.939	ng	100
13) 1,4-Dichlorobenzene	6.981	146	474015	39.147	ng	100
14) 1,2-Dichlorobenzene	7.134	146	448808	38.970	ng	100
15) Benzyl Alcohol	7.098	79	406107	40.017	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	808980	39.337	ng	100
17) 2-Methylphenol	7.204	107	366495	39.381	ng	100
18) Hexachloroethane	7.481	117	165263	39.425	ng	100
19) n-Nitroso-di-n-propyla...	7.375	70	329619	38.656	ng	100
20) 3+4-Methylphenols	7.357	107	448100	39.685	ng	100
22) Acetophenone	7.369	105	583796	38.444	ng	100
24) Nitrobenzene	7.545	77	481500	40.136	ng	100
25) Isophorone	7.781	82	888017	39.093	ng	100
26) 2-Nitrophenol	7.857	139	220354	42.323	ng	100
27) 2,4-Dimethylphenol	7.886	122	416128	39.210	ng	100
28) bis(2-Chloroethoxy)met...	7.986	93	529258	38.860	ng	100
29) 2,4-Dichlorophenol	8.098	162	353866	39.537	ng	100
30) 1,2,4-Trichlorobenzene	8.186	180	376590	38.947	ng	100
31) Naphthalene	8.269	128	1224033	38.749	ng	100
32) Benzoic acid	7.992	122	230958m	39.680	ng	
33) 4-Chloroaniline	8.310	127	500402	38.796	ng	100
34) Hexachlorobutadiene	8.386	225	231609	39.211	ng	100
35) Caprolactam	8.681	113	111733	41.312	ng	100
36) 4-Chloro-3-methylphenol	8.781	107	385507	39.628	ng	100
37) 2-Methylnaphthalene	8.957	142	744295	38.720	ng	100
38) 1-Methylnaphthalene	9.057	142	768508	38.825	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	365234	38.118	ng	100
41) Hexachlorocyclopentadiene	9.116	237	247480	39.695	ng	100
43) 2,4,6-Trichlorophenol	9.228	196	255115	38.471	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143144.D
Acq On : 17 Jul 2025 13:03
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 17 15:03:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	268615	40.494	ng	100
46) 1,1'-Biphenyl	9.422	154	988537	38.177	ng	100
47) 2-Chloronaphthalene	9.445	162	731879	38.200	ng	100
48) 2-Nitroaniline	9.533	65	249908	41.594	ng	100
49) Acenaphthylene	9.863	152	1234789	38.458	ng	100
50) Dimethylphthalate	9.716	163	848828	39.238	ng	100
51) 2,6-Dinitrotoluene	9.775	165	184242	41.866	ng	100
52) Acenaphthene	10.033	154	727386	38.330	ng	100
53) 3-Nitroaniline	9.945	138	210179	40.832	ng	100
54) 2,4-Dinitrophenol	10.045	184	69157	38.449	ng	100
55) Dibenzofuran	10.204	168	1083678	38.462	ng	100
56) 4-Nitrophenol	10.086	139	163009	42.408	ng	100
57) 2,4-Dinitrotoluene	10.175	165	235101	42.581	ng	100
58) Fluorene	10.551	166	804336	38.037	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	220872	40.196	ng	100
60) Diethylphthalate	10.416	149	842184	39.387	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	406477	38.604	ng	100
62) 4-Nitroaniline	10.557	138	185530	42.055	ng	100
63) Azobenzene	10.698	77	876387	39.326	ng	100
65) 4,6-Dinitro-2-methylph...	10.586	198	105533	38.322	ng	100
66) n-Nitrosodiphenylamine	10.657	169	731532	38.278	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	247764	38.307	ng	100
68) Hexachlorobenzene	11.098	284	259758	38.424	ng	100
69) Atrazine	11.174	200	212970	40.421	ng	100
70) Pentachlorophenol	11.286	266	161013	40.500	ng	100
71) Phenanthrene	11.510	178	1107412	38.429	ng	100
72) Anthracene	11.563	178	1126710	38.336	ng	100
73) Carbazole	11.710	167	1008669	39.304	ng	100
74) Di-n-butylphthalate	12.039	149	1165443	40.135	ng	100
75) Fluoranthene	12.698	202	1034509	39.111	ng	100
77) Benzidine	12.810	184	564732	49.451	ng	100
78) Pyrene	12.927	202	1016822	40.195	ng	100
80) Butylbenzylphthalate	13.539	149	322273	41.603	ng	100
81) Benzo(a)anthracene	14.110	228	759726	38.283	ng	100
82) 3,3'-Dichlorobenzidine	14.068	252	254099	38.418	ng	100
83) Chrysene	14.151	228	715222	40.085	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	467892	39.906	ng	100
85) Di-n-octyl phthalate	14.715	149	820264	38.595	ng	100
87) Indeno(1,2,3-cd)pyrene	17.162	276	914626	40.086	ng	100
88) Benzo(b)fluoranthene	15.180	252	742346	37.554	ng	100
89) Benzo(k)fluoranthene	15.210	252	733635	41.591	ng	100
90) Benzo(a)pyrene	15.562	252	725344	39.826	ng	100
91) Dibenzo(a,h)anthracene	17.180	278	742180	39.964	ng	100
92) Benzo(g,h,i)perylene	17.627	276	717648	39.949	ng	100

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

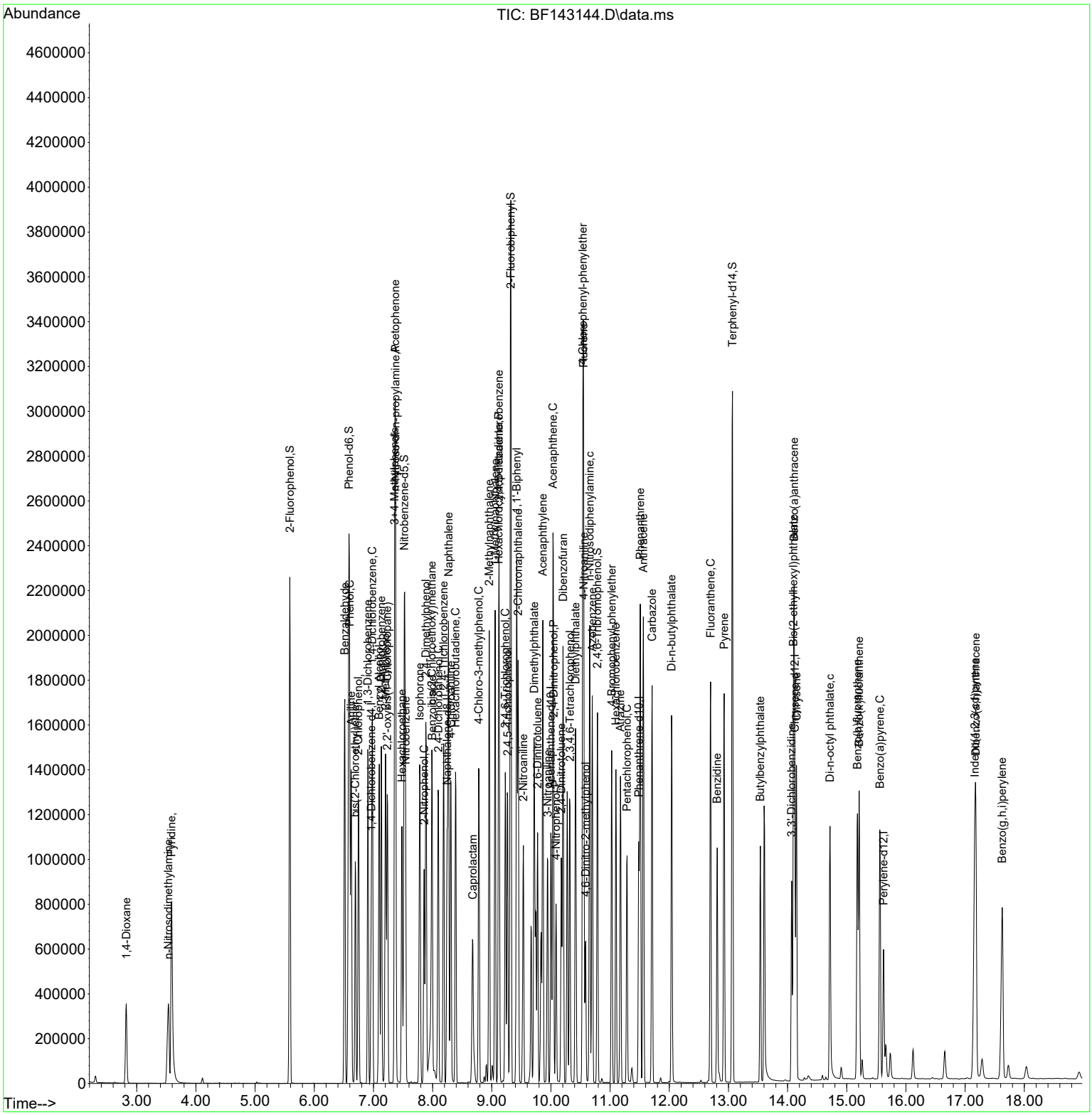
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143144.D
Acq On : 17 Jul 2025 13:03
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

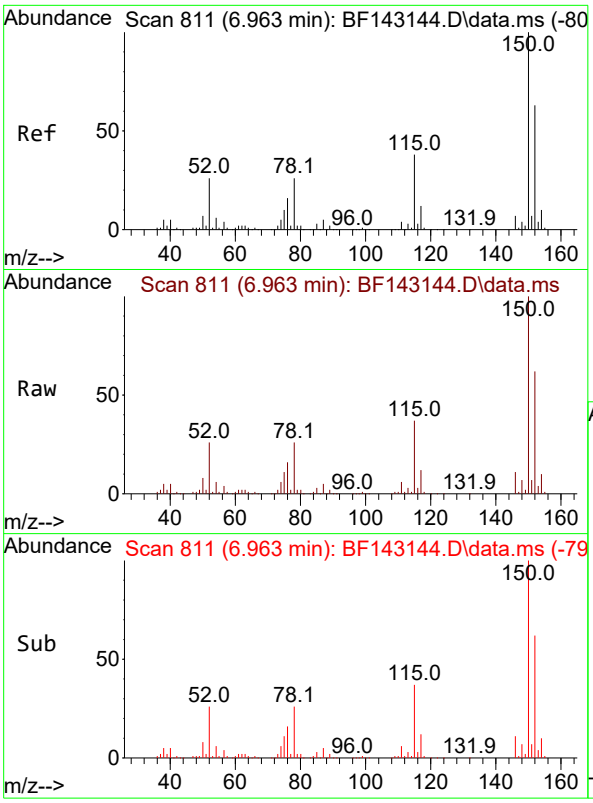
Quant Time: Jul 17 15:03:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

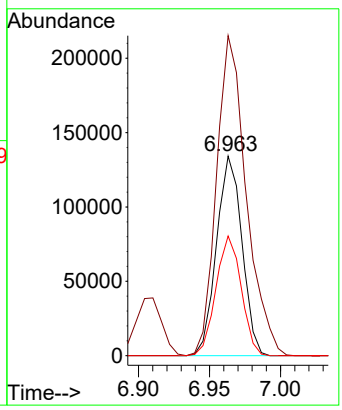




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:152 Resp: 16709

Ion	Ratio	Lower	Upper
152	100		
150	160.3	128.2	192.4
115	59.9	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
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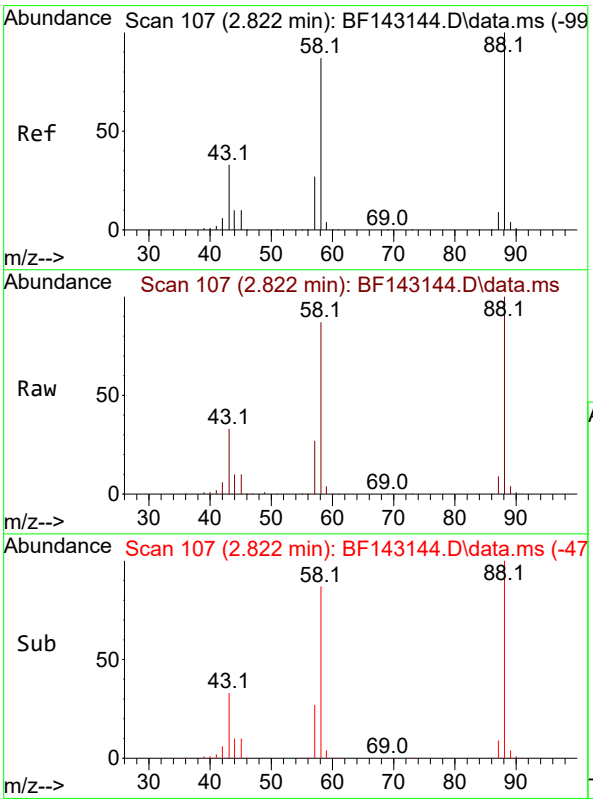
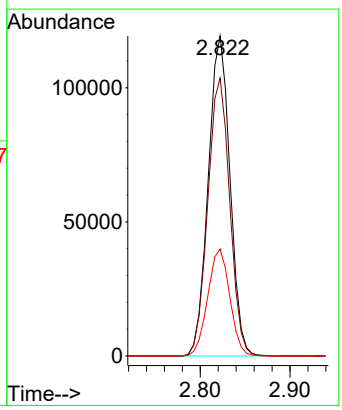
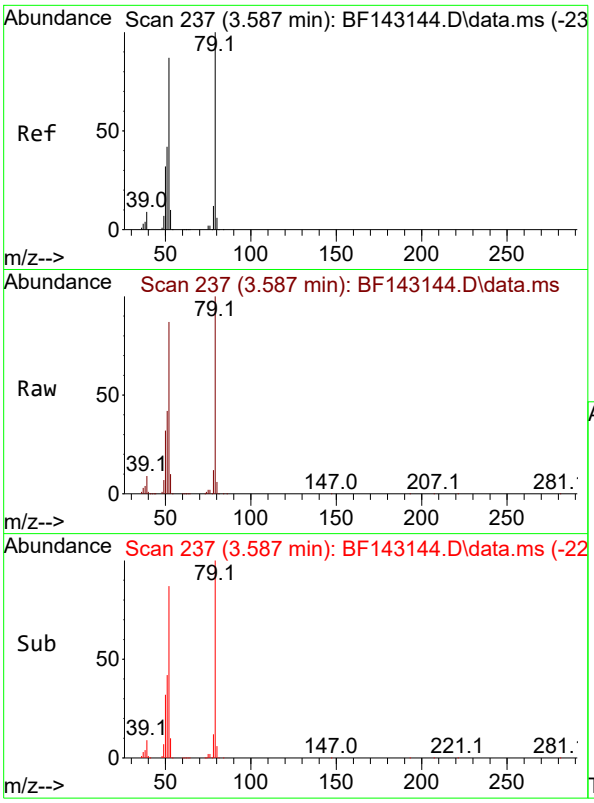


#2
1,4-Dioxane
Concen: 40.108 ng
RT: 2.822 min Scan# 107
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 88 Resp: 200396

Ion	Ratio	Lower	Upper
88	100		
58	87.7	70.2	105.2
43	33.9	27.1	40.7

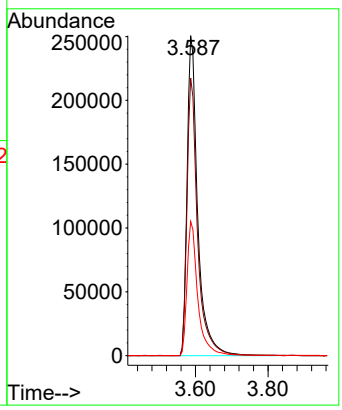




#3
Pyridine
Concen: 39.435 ng
RT: 3.587 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 79 Resp: 51141

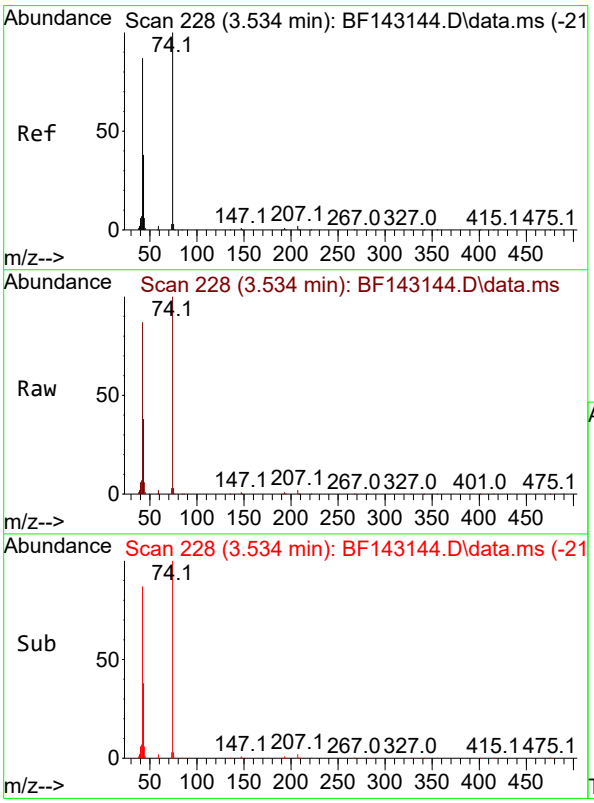
Ion	Ratio	Lower	Upper
79	100		
52	86.8	69.4	104.2
51	41.9	33.5	50.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

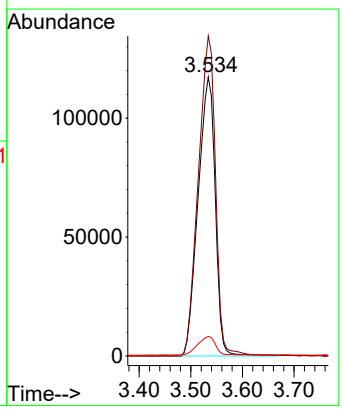
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

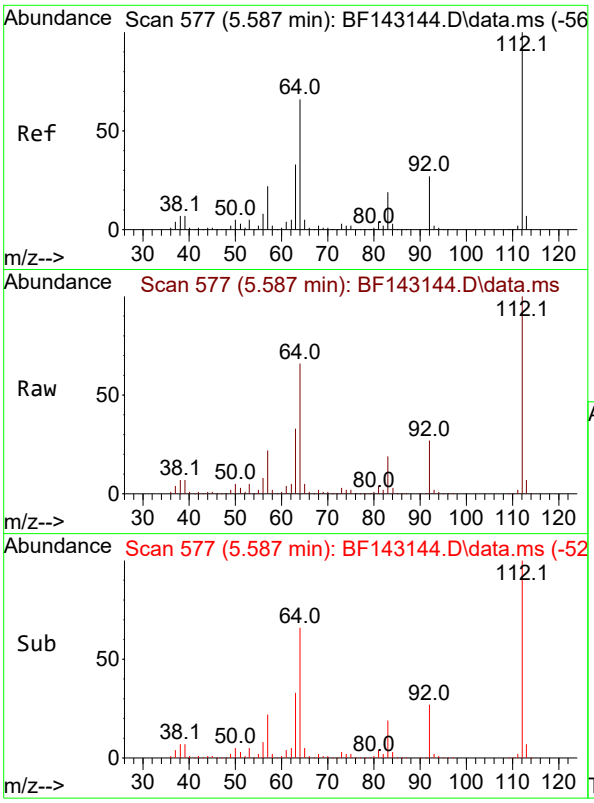


#4
n-Nitrosodimethylamine
Concen: 40.426 ng
RT: 3.534 min Scan# 228
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 42 Resp: 270676

Ion	Ratio	Lower	Upper
42	100		
74	114.6	91.7	137.5
44	7.0	5.6	8.4

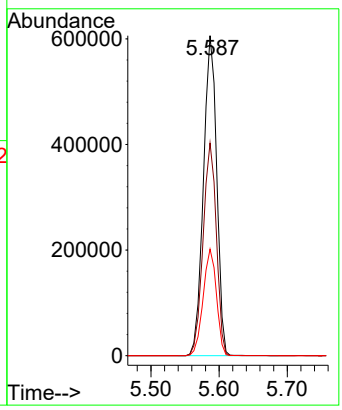




#5
2-Fluorophenol
Concen: 77.946 ng
RT: 5.587 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:112 Resp: 82306

Ion	Ratio	Lower	Upper
112	100		
64	66.4	53.1	79.7
63	33.3	26.6	40.0



Instrument :
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ClientSampleId :
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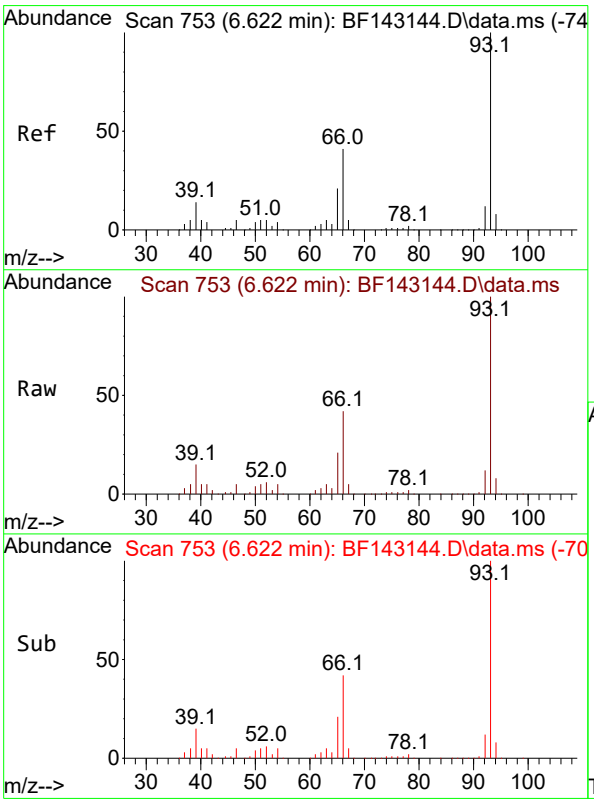
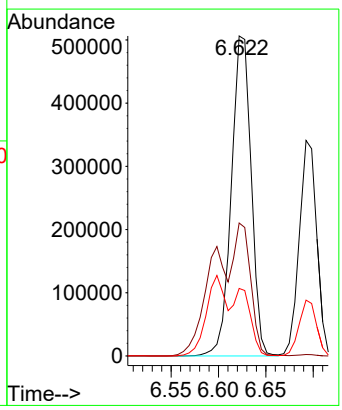
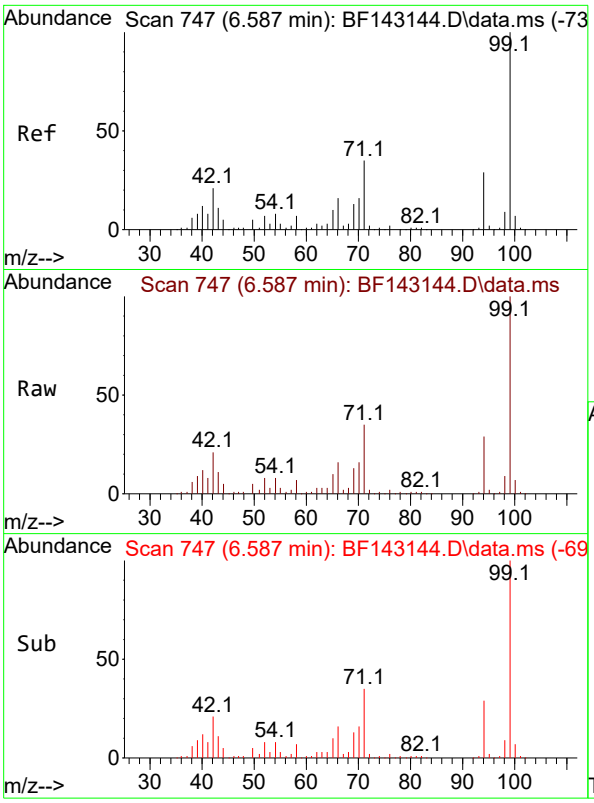


#6
Aniline
Concen: 39.770 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 93 Resp: 736668

Ion	Ratio	Lower	Upper
93	100		
66	41.5	33.2	49.8
65	21.1	16.9	25.3

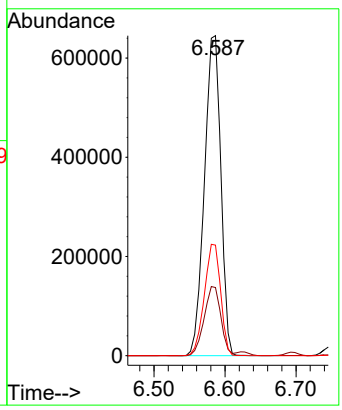




#7
Phenol-d6
Concen: 78.160 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 99 Resp: 103882

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.0	25.6
71	34.6	27.7	41.5



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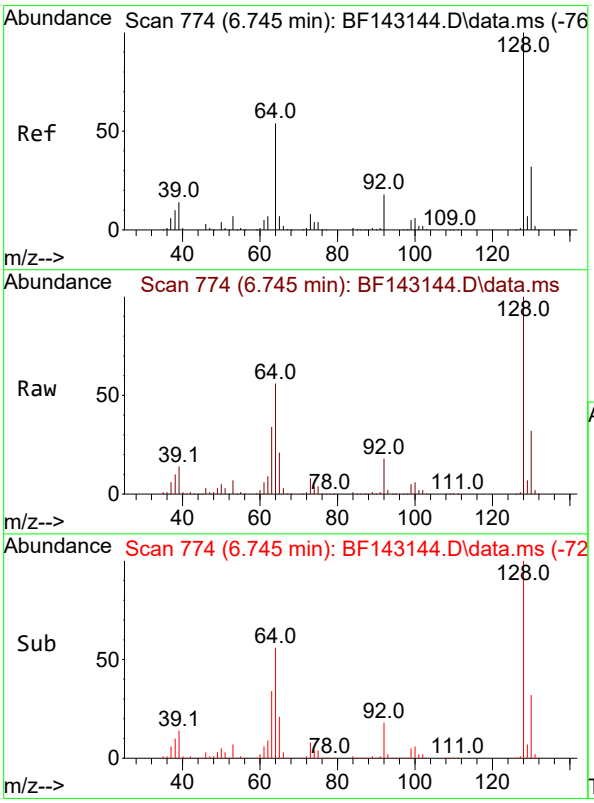
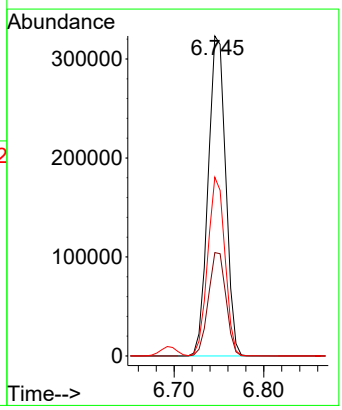
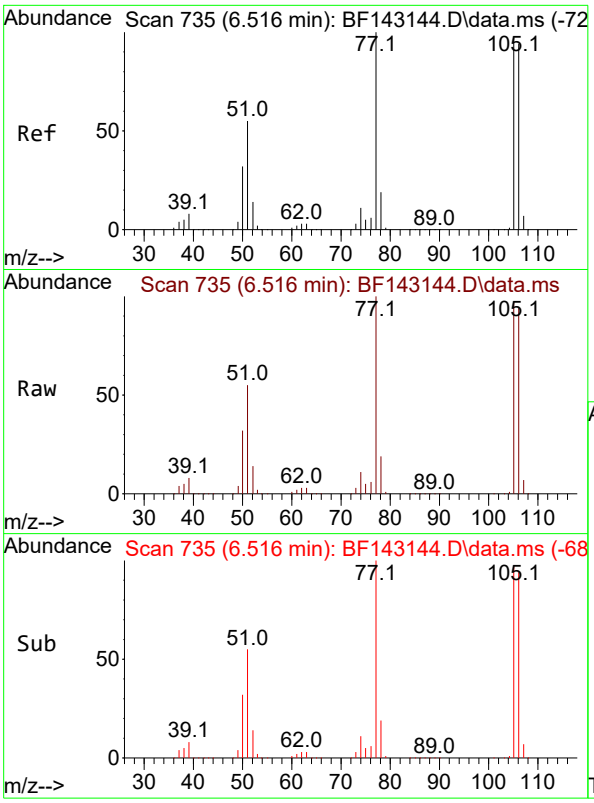


#8
2-Chlorophenol
Concen: 39.565 ng
RT: 6.745 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:128 Resp: 437914

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.3	52.3
64	55.9	35.9	75.9

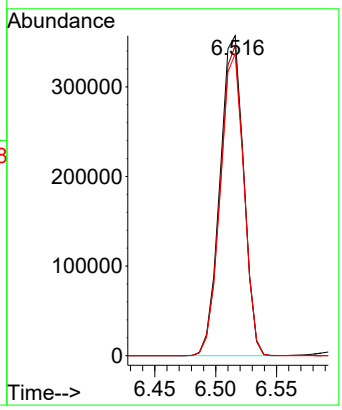




#9
Benzaldehyde
Concen: 48.387 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 77 Resp: 48223

Ion	Ratio	Lower	Upper
77	100		
105	96.8	76.8	116.8
106	94.4	74.4	114.4



Instrument :
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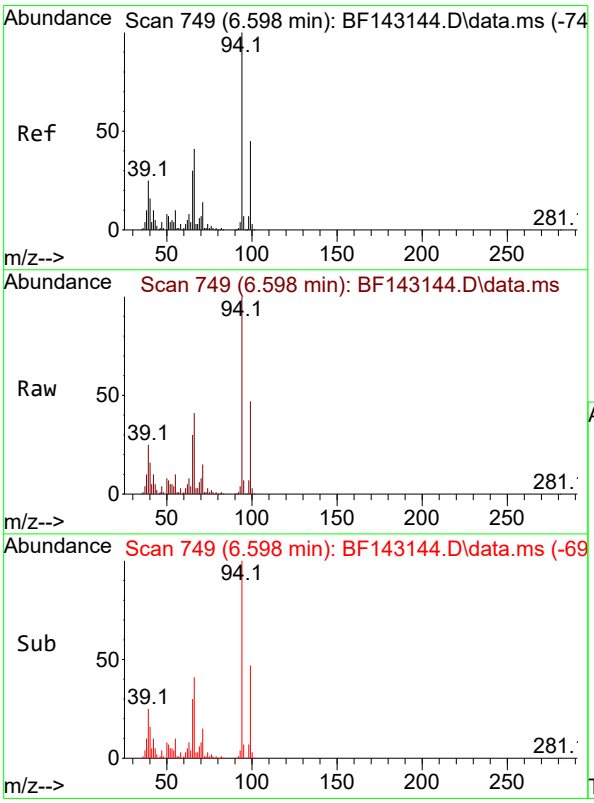
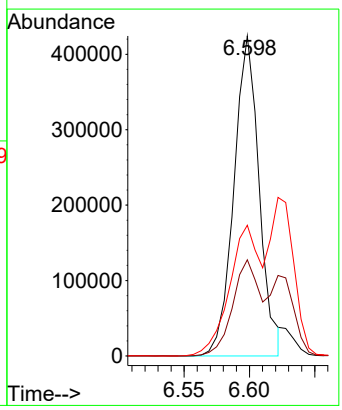
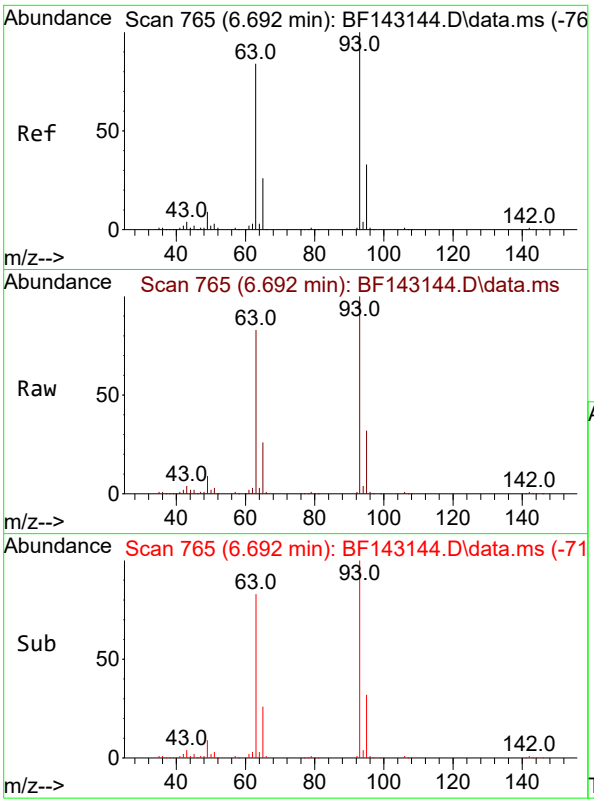


#10
Phenol
Concen: 39.487 ng m
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 94 Resp: 571741

Ion	Ratio	Lower	Upper
94	100		
65	30.0	10.0	50.0
66	40.8	20.8	60.8

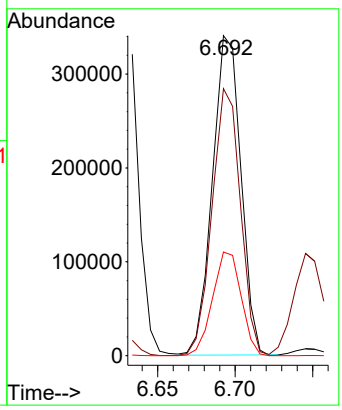




#11
bis(2-Chloroethyl)ether
Concen: 39.279 ng
RT: 6.692 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 93 Resp: 43545

Ion	Ratio	Lower	Upper
93	100		
63	83.4	63.4	103.4
95	32.4	12.4	52.4



Instrument :
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ClientSampleId :
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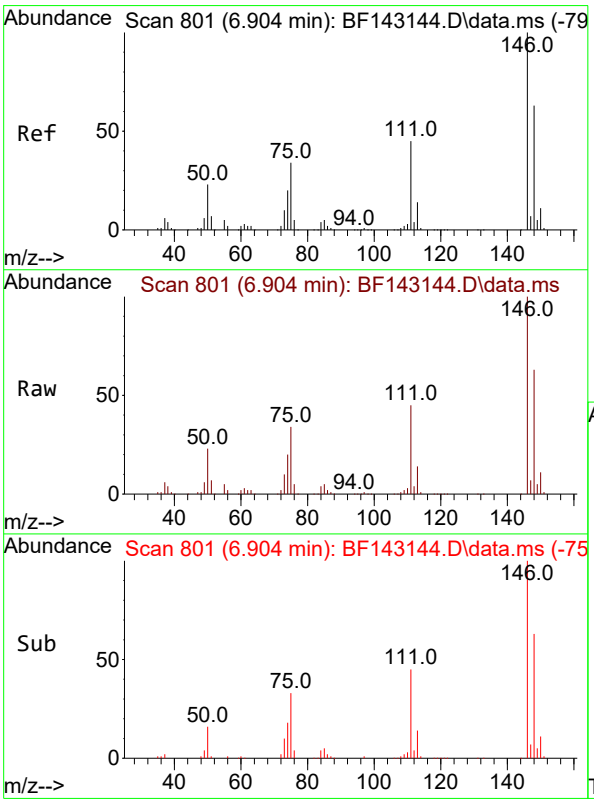
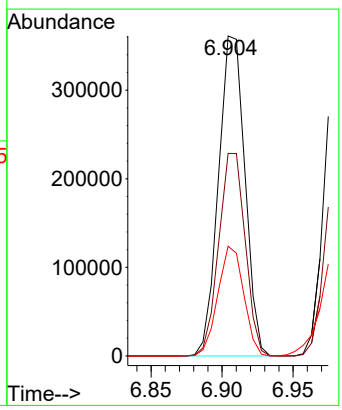
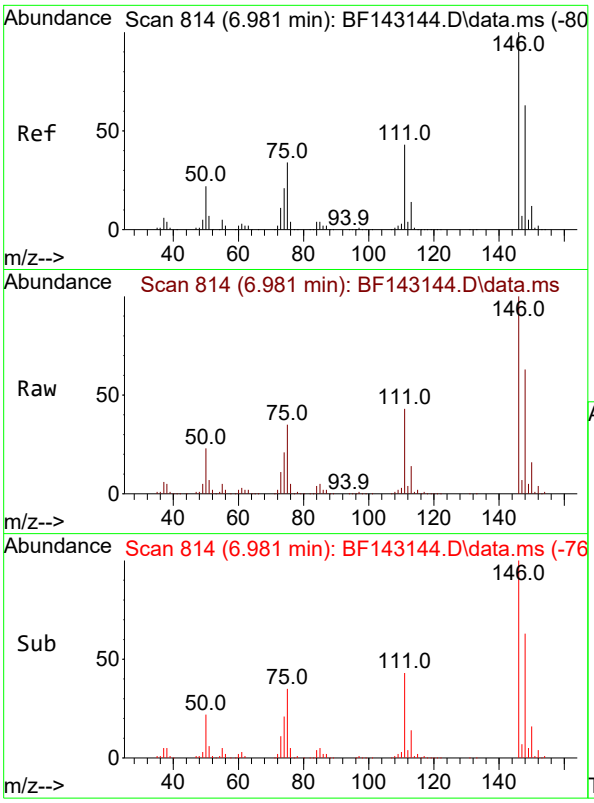


#12
1,3-Dichlorobenzene
Concen: 38.939 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:146 Resp: 468194

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	76.0
75	34.3	27.4	41.2

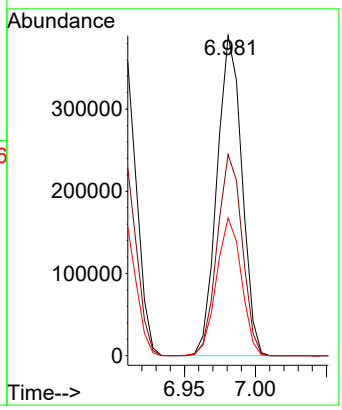




#13
1,4-Dichlorobenzene
Concen: 39.147 ng
RT: 6.981 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:146 Resp: 47401

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.3	75.5
111	43.0	34.4	51.6



Instrument :
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ClientSampleId :
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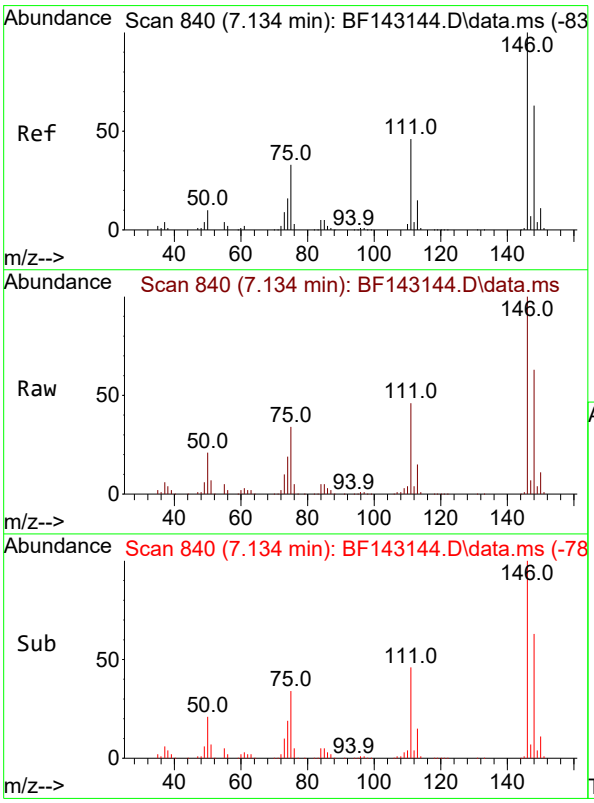
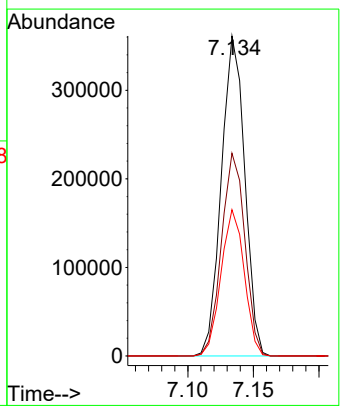
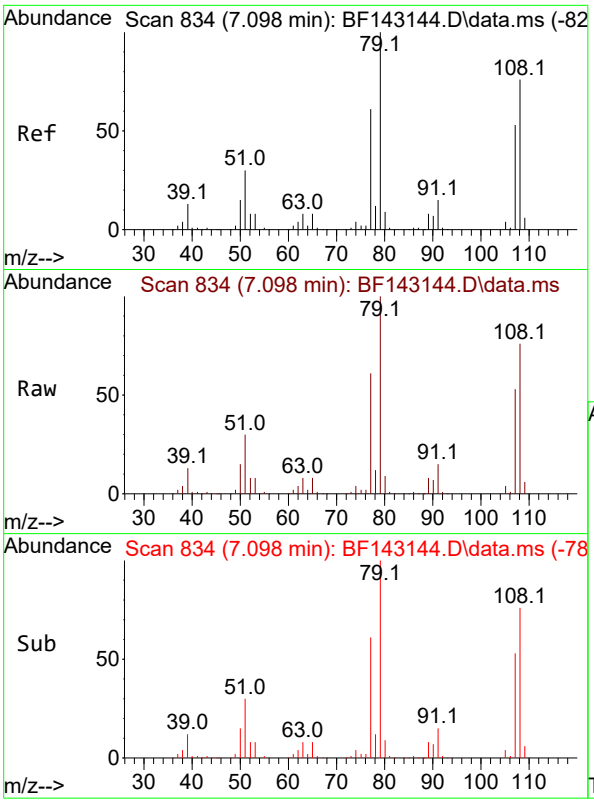


#14
1,2-Dichlorobenzene
Concen: 38.970 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:146 Resp: 448808

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.7	76.1
111	45.7	36.6	54.8





#15
Benzyl Alcohol
Concen: 40.017 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 79 Resp: 40610

Ion	Ratio	Lower	Upper
79	100		
108	76.4	61.1	91.7
77	61.1	48.9	73.3

Instrument :
BNA_F
ClientSampleId :
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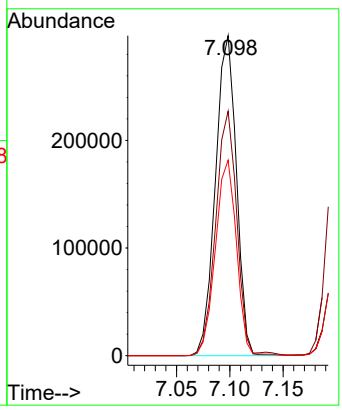
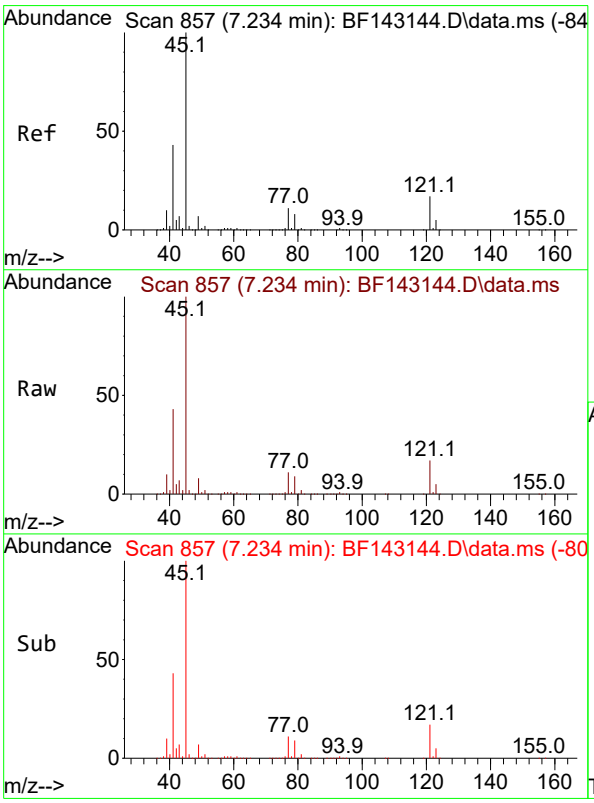
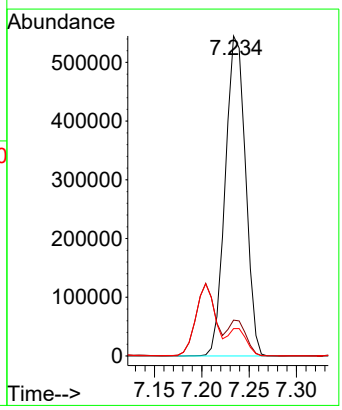


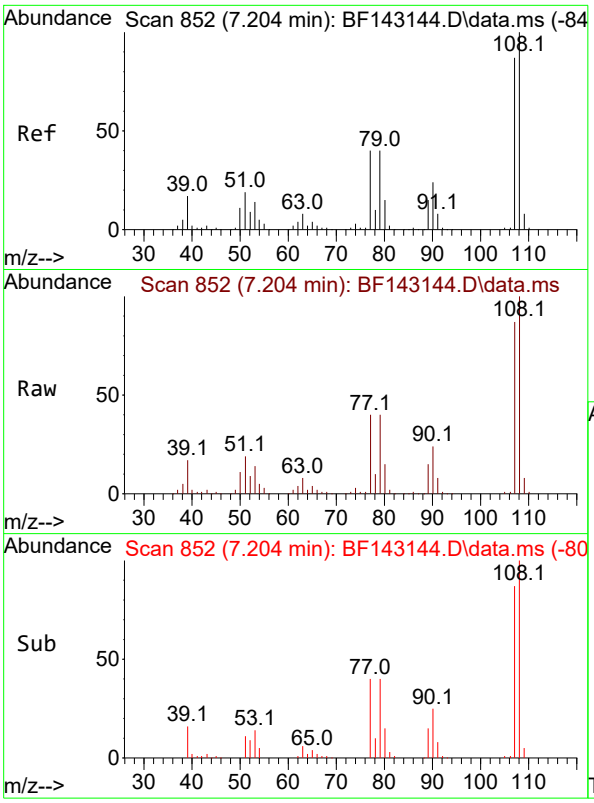


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.337 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 45 Resp: 808980

Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	31.2
79	8.5	0.0	28.5

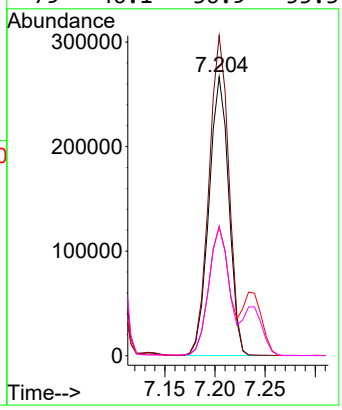




#17
2-Methylphenol
Concen: 39.381 ng
RT: 7.204 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:107 Resp: 36649

Ion	Ratio	Lower	Upper
107	100		
108	114.7	91.8	137.6
77	46.3	37.0	55.6
79	46.1	36.9	55.3



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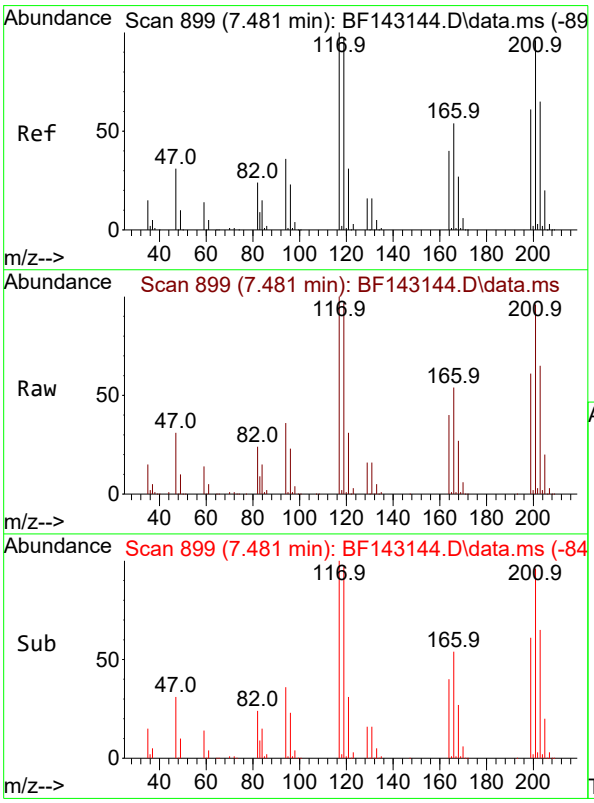
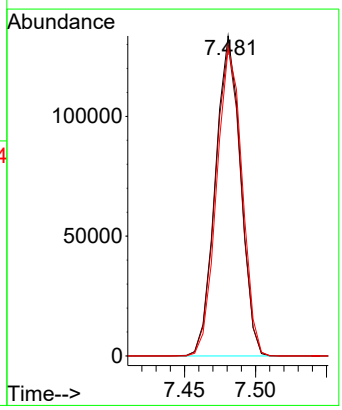
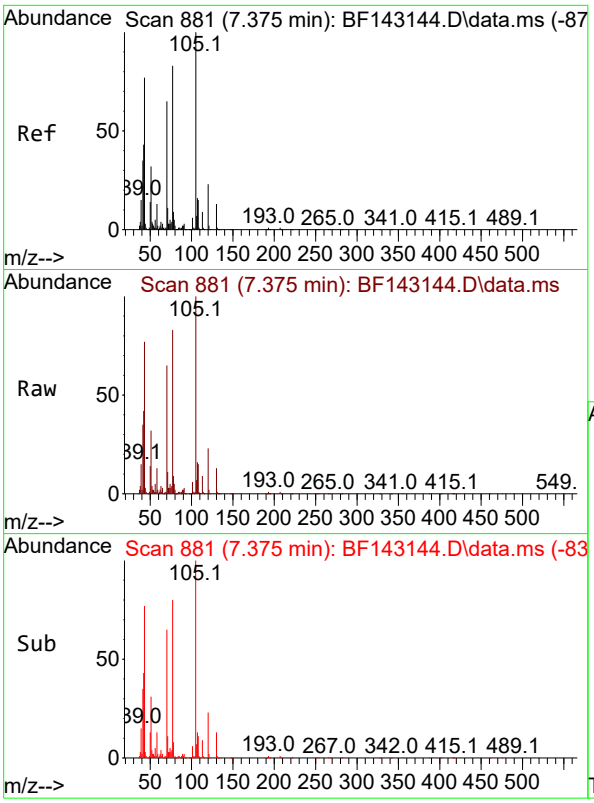


#18
Hexachloroethane
Concen: 39.425 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:117 Resp: 165263

Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.8	116.8
201	96.2	77.0	115.4

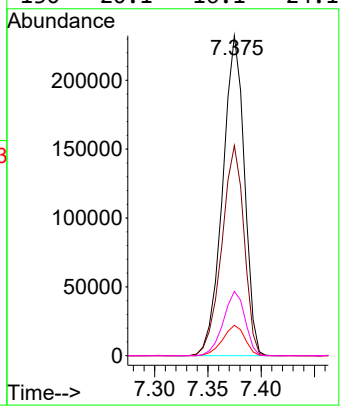




#19
n-Nitroso-di-n-propylamine
Concen: 38.656 ng
RT: 7.375 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 70 Resp: 32961

Ion	Ratio	Lower	Upper
70	100		
42	65.6	52.5	78.7
101	9.5	7.6	11.4
130	20.1	16.1	24.1



Instrument :
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ClientSampleId :
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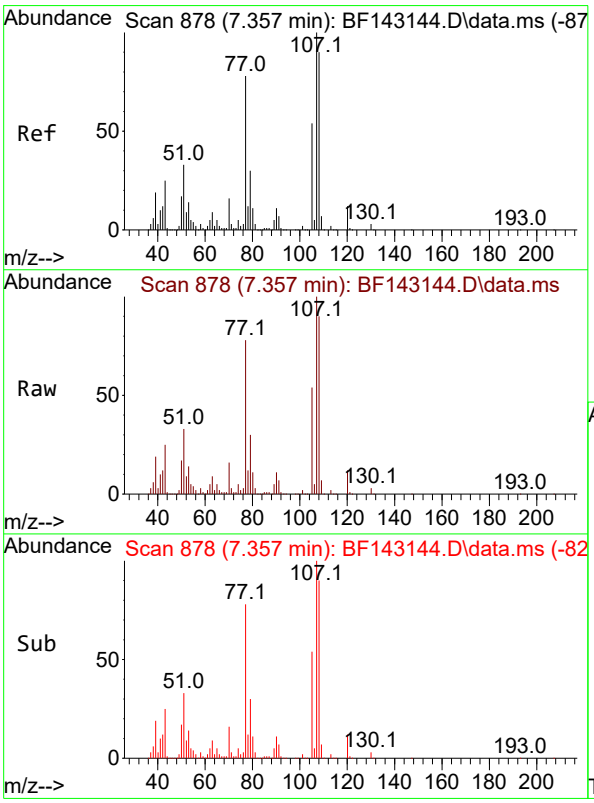
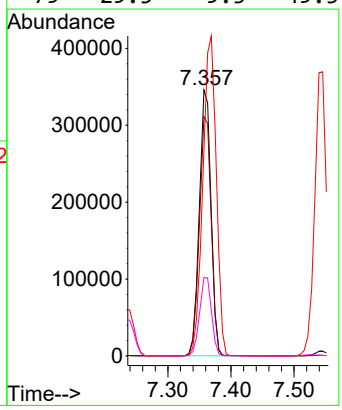
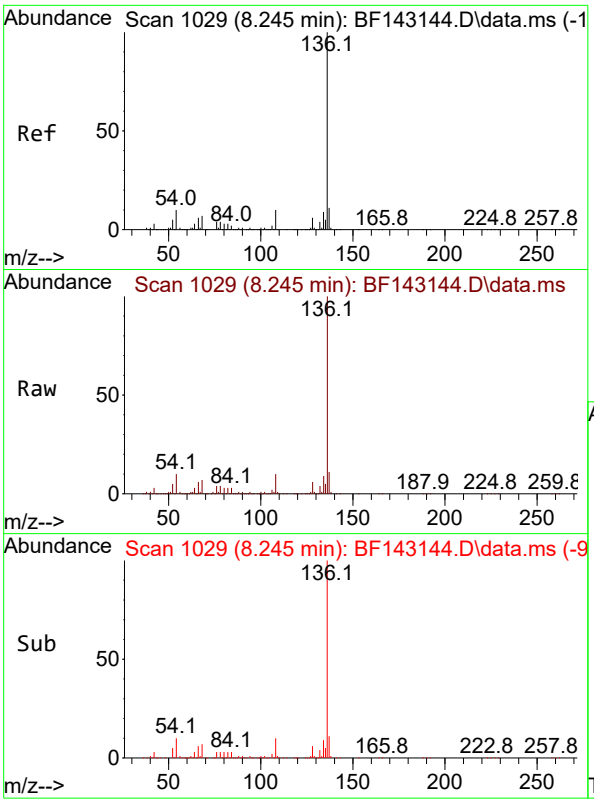


#20
3+4-Methylphenols
Concen: 39.685 ng
RT: 7.357 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:107 Resp: 448100

Ion	Ratio	Lower	Upper
107	100		
108	90.0	70.0	110.0
77	77.8	57.8	97.8
79	29.5	9.5	49.5

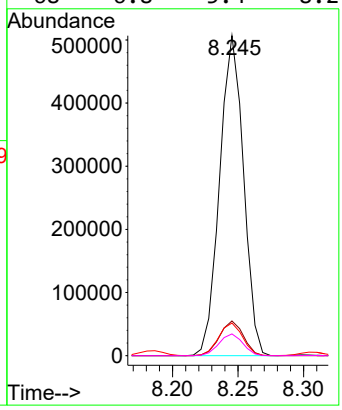




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:136 Resp: 64141

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	10.2	8.2	12.2
68	6.8	5.4	8.2



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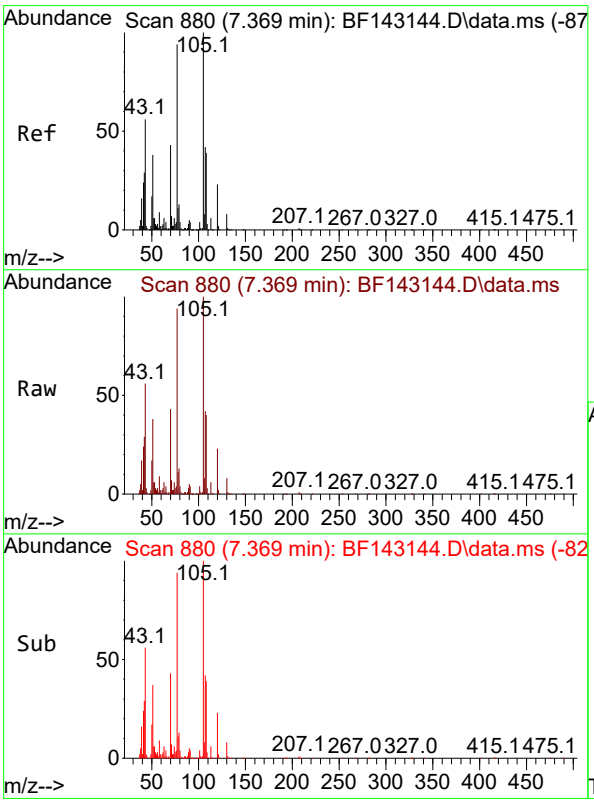
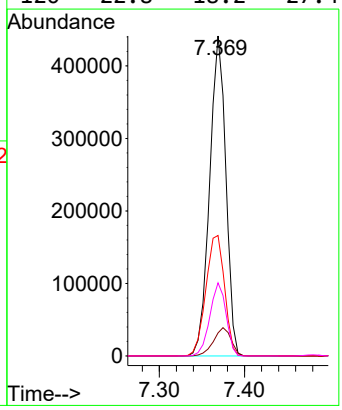
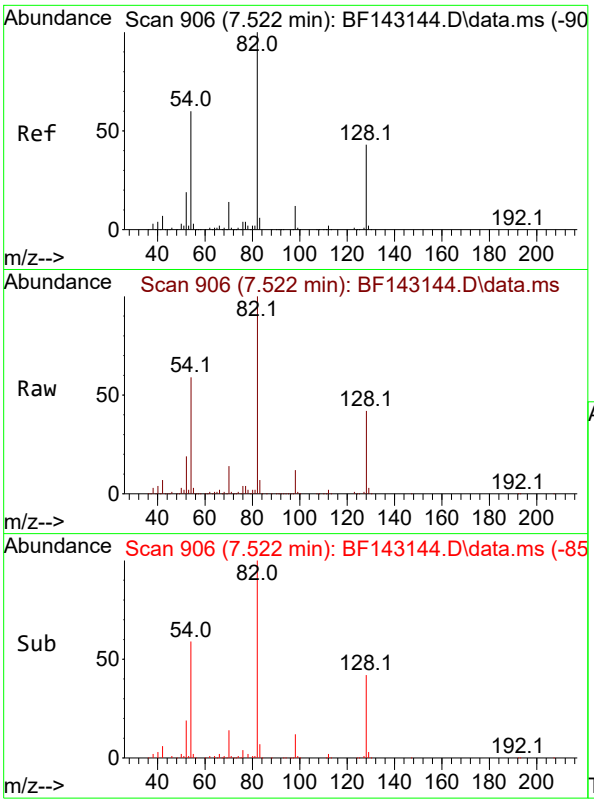


#22
Acetophenone
Concen: 38.444 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:105 Resp: 583796

Ion	Ratio	Lower	Upper
105	100		
71	7.2	5.8	8.6
51	37.7	30.2	45.2
120	22.8	18.2	27.4





#23
Nitrobenzene-d5
Concen: 79.512 ng
RT: 7.522 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 82 Resp: 102313

Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.6	50.4
54	58.9	47.1	70.7

Instrument :
BNA_F
ClientSampleId :
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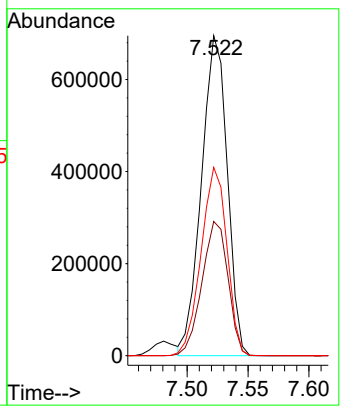
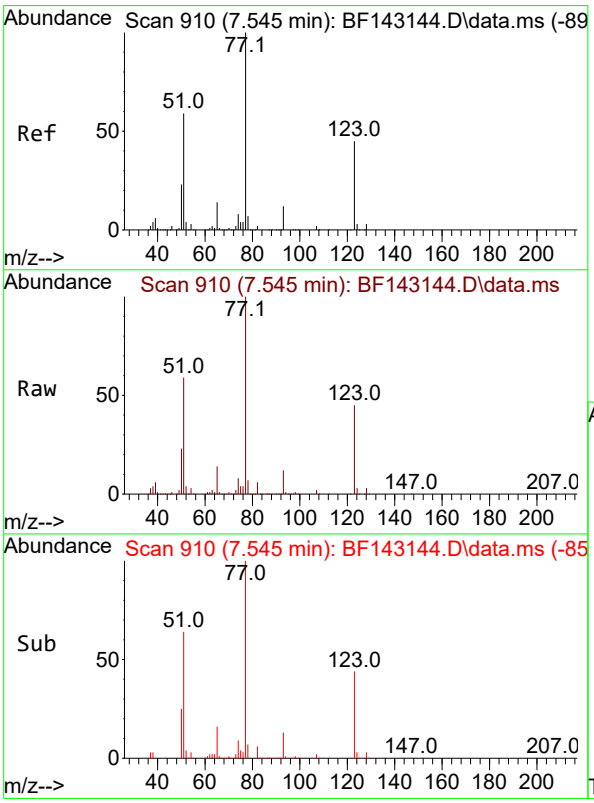
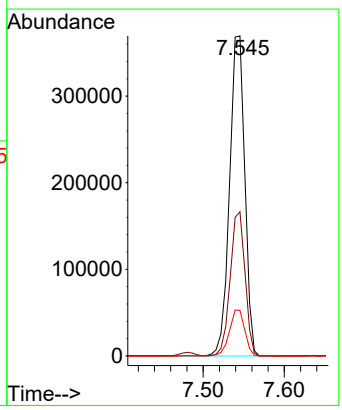


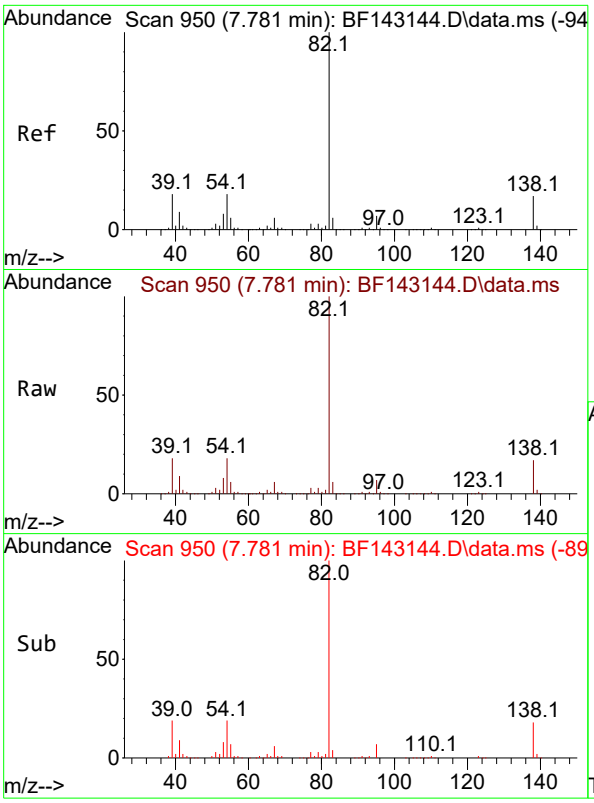


#24
Nitrobenzene
Concen: 40.136 ng
RT: 7.545 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 77 Resp: 481500

Ion	Ratio	Lower	Upper
77	100		
123	45.1	36.1	54.1
65	14.3	11.4	17.2





#25
Isophorone
Concen: 39.093 ng
RT: 7.781 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 82 Resp: 88801

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.5	8.3
138	17.3	13.8	20.8

Instrument :
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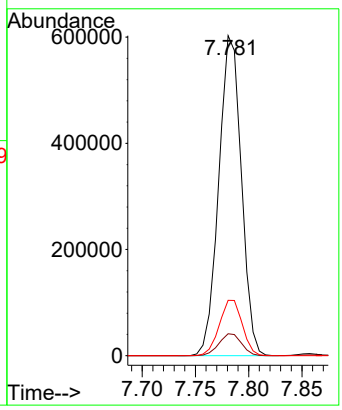
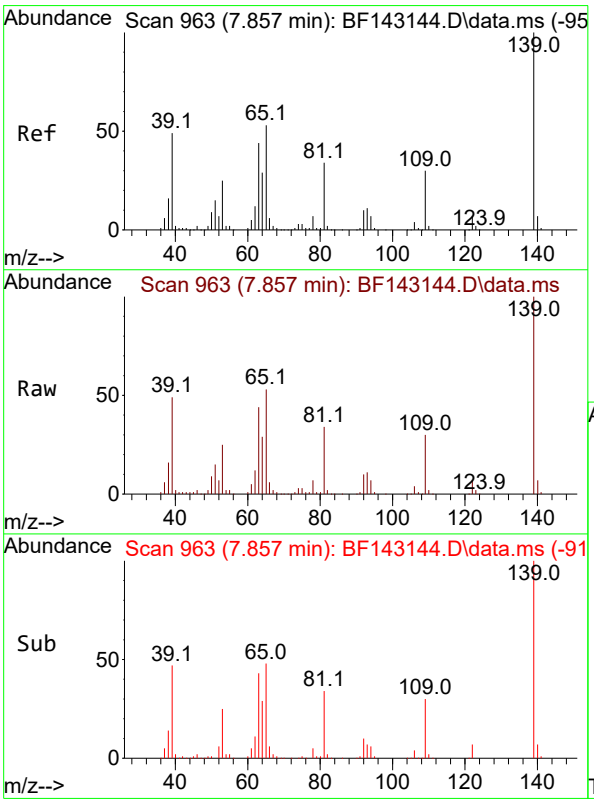
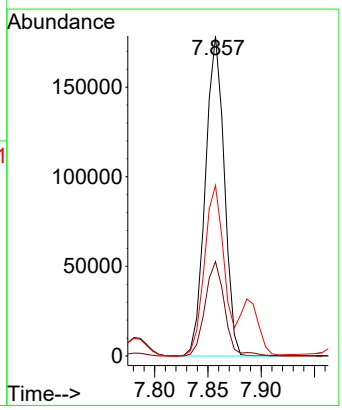


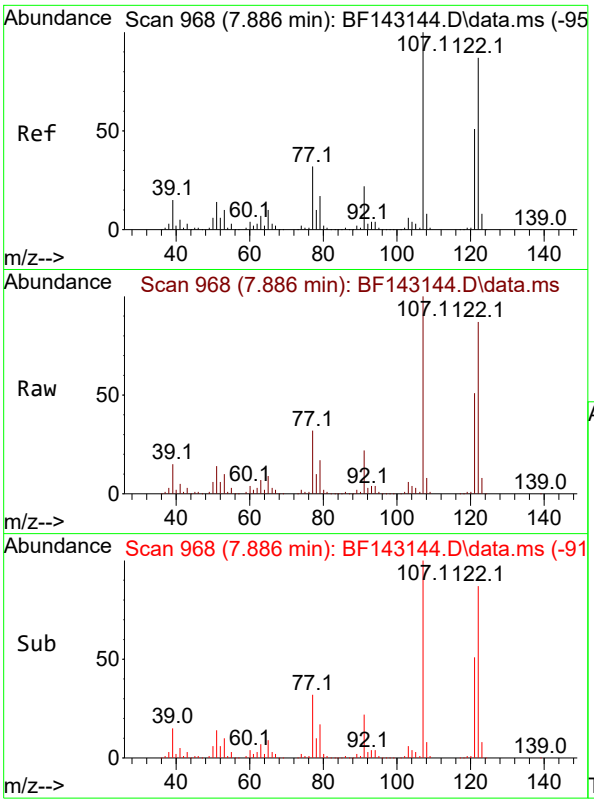


#26
2-Nitrophenol
Concen: 42.323 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:139 Resp: 220354

Ion	Ratio	Lower	Upper
139	100		
109	29.5	23.6	35.4
65	53.3	42.6	64.0

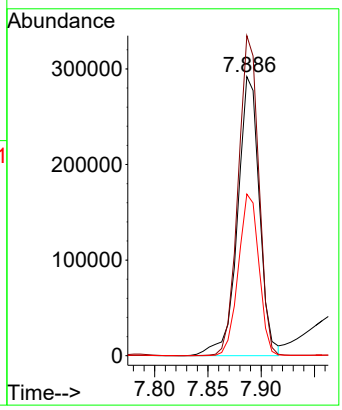




#27
2,4-Dimethylphenol
Concen: 39.210 ng
RT: 7.886 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:122 Resp: 41612

Ion	Ratio	Lower	Upper
122	100		
107	114.7	91.8	137.6
121	57.9	46.3	69.5



Instrument :
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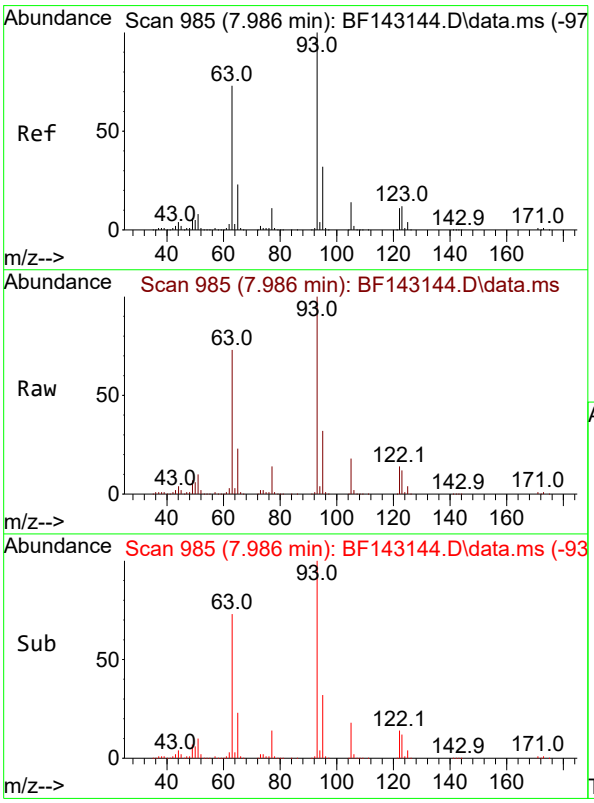
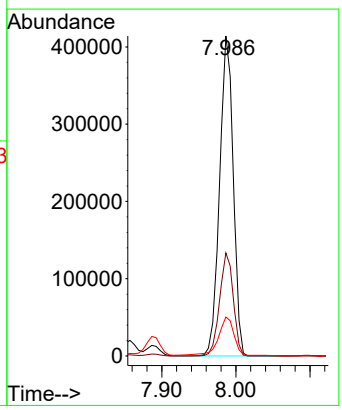
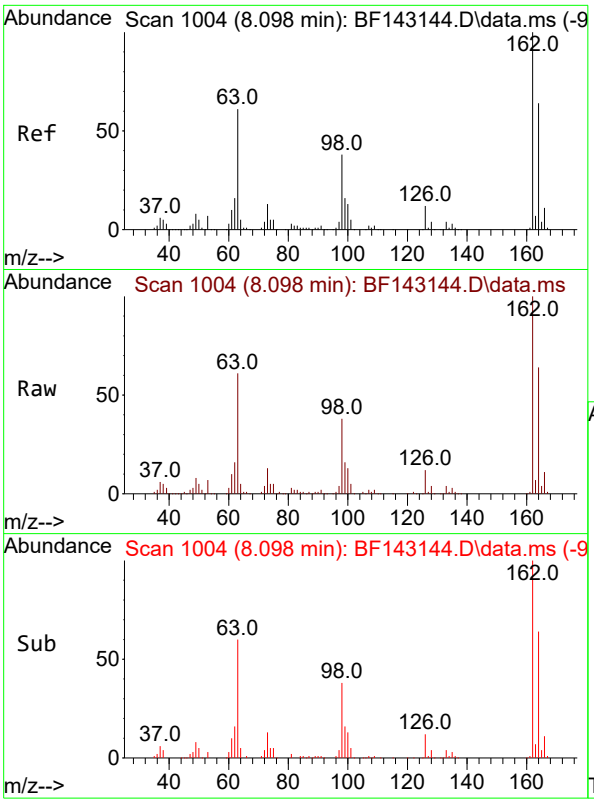


#28
bis(2-Chloroethoxy)methane
Concen: 38.860 ng
RT: 7.986 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 93 Resp: 529258

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.8	38.6
123	12.1	9.7	14.5





#29
2,4-Dichlorophenol
Concen: 39.537 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:162 Resp: 35386

Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.2	84.2
98	37.9	17.9	57.9

Instrument :
BNA_F
ClientSampleId :
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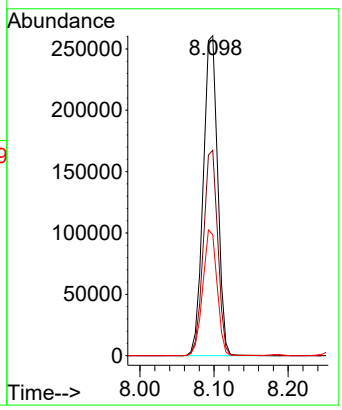
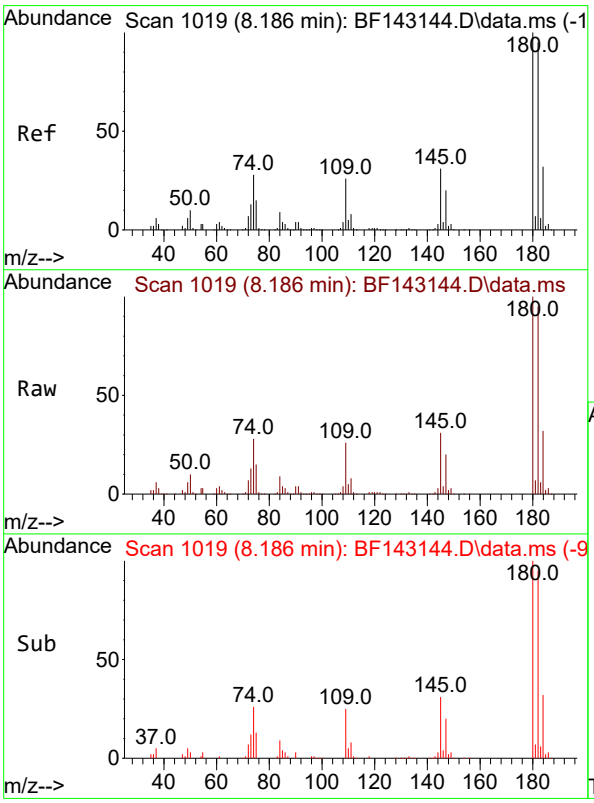
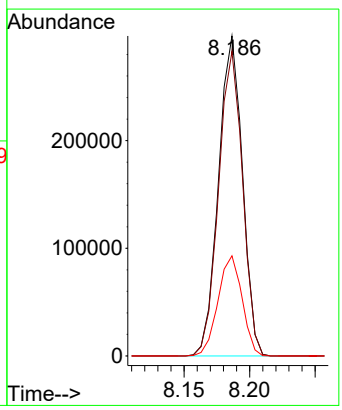


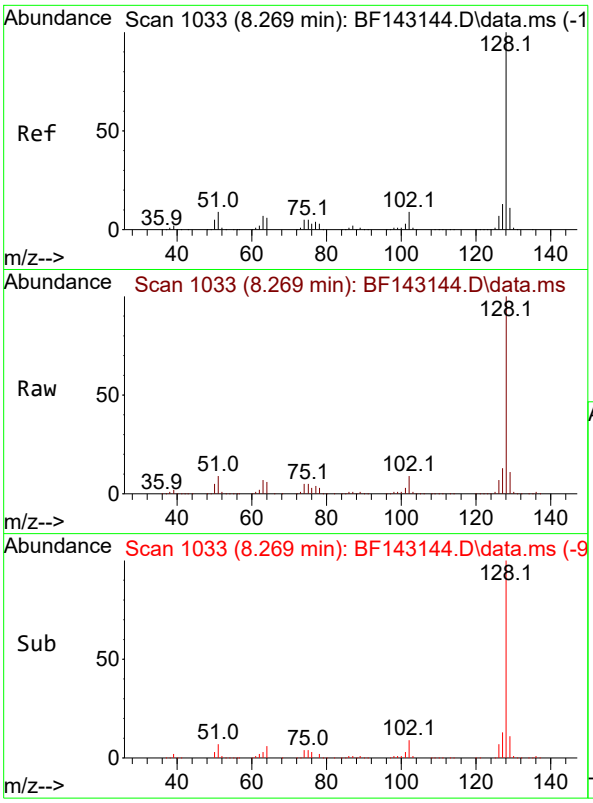


#30
1,2,4-Trichlorobenzene
Concen: 38.947 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:180 Resp: 376590

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.2	114.2
145	31.3	25.0	37.6

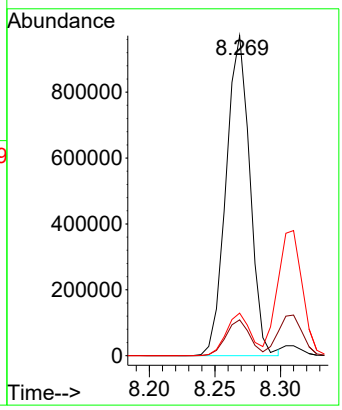




#31
Naphthalene
Concen: 38.749 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:128 Resp: 122403

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.3	10.6	16.0



Instrument :
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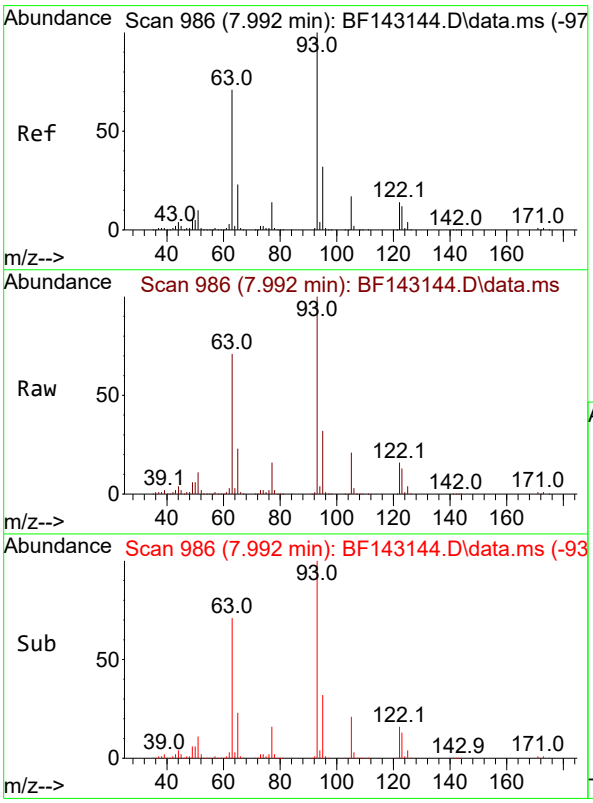
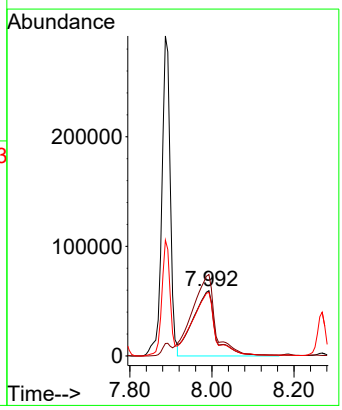
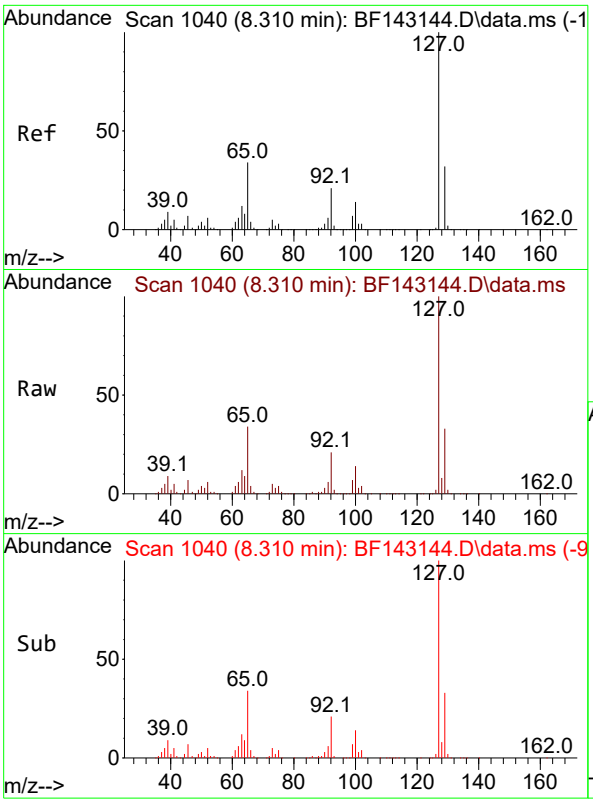


#32
Benzoic acid
Concen: 39.680 ng m
RT: 7.992 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:122 Resp: 230958

Ion	Ratio	Lower	Upper
122	100		
105	124.8	104.8	144.8
77	97.6	77.6	117.6

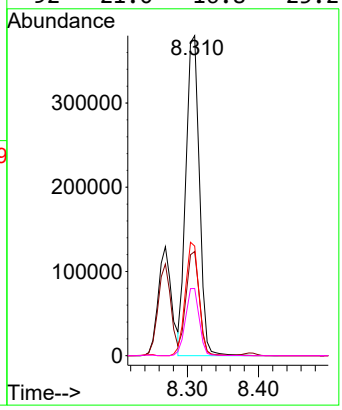




#33
4-Chloroaniline
Concen: 38.796 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:127 Resp: 50040

Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	34.3	27.4	41.2
92	21.0	16.8	25.2



Instrument :
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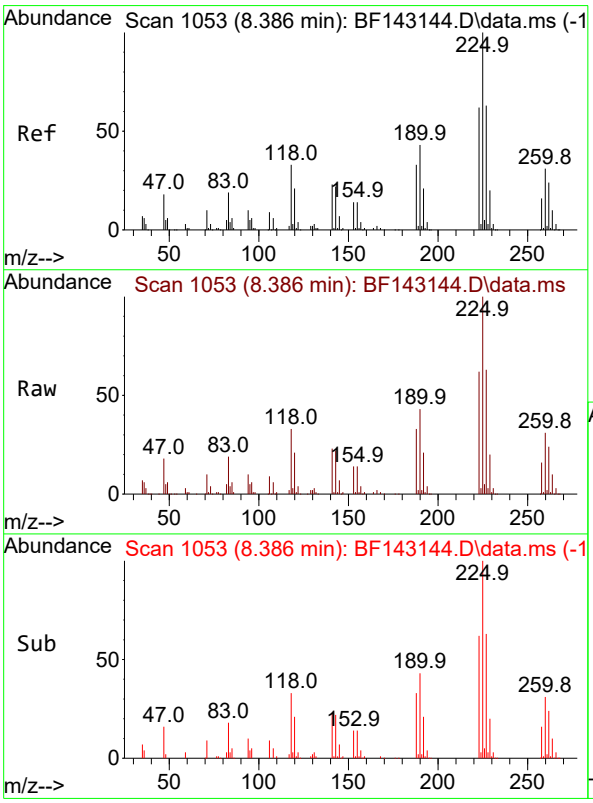
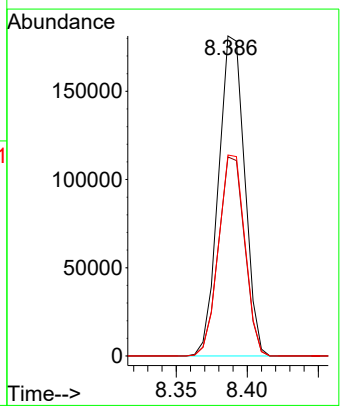
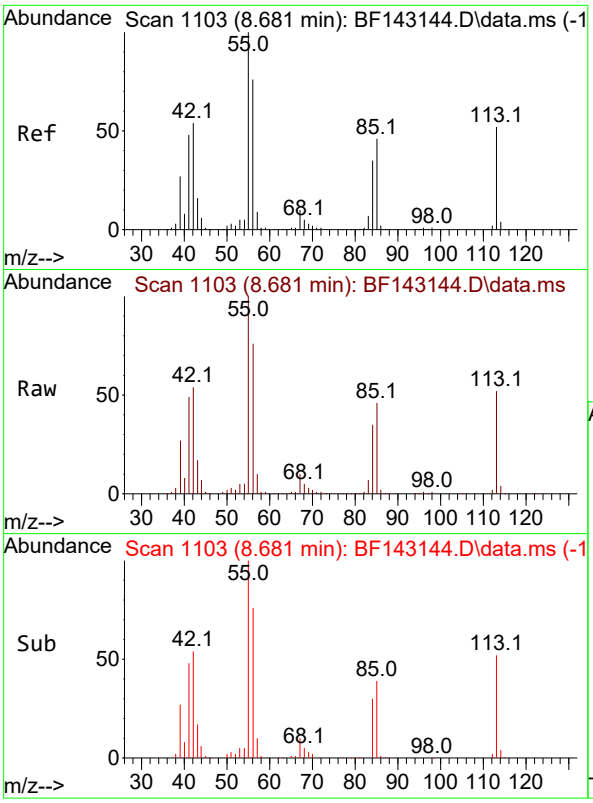


#34
Hexachlorobutadiene
Concen: 39.211 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:225 Resp: 231609

Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.8	74.6
227	62.8	50.2	75.4





#35
Caprolactam
Concen: 41.312 ng
RT: 8.681 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:113 Resp: 11173

Ion	Ratio	Lower	Upper
113	100		
55	194.0	174.0	214.0
56	146.6	126.6	166.6

Instrument :
BNA_F
ClientSampleId :
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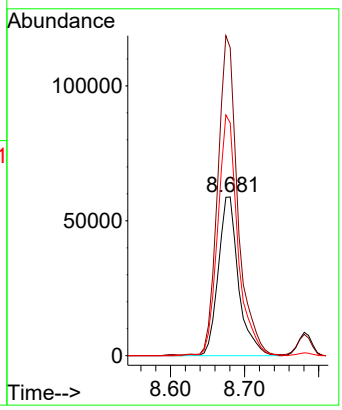
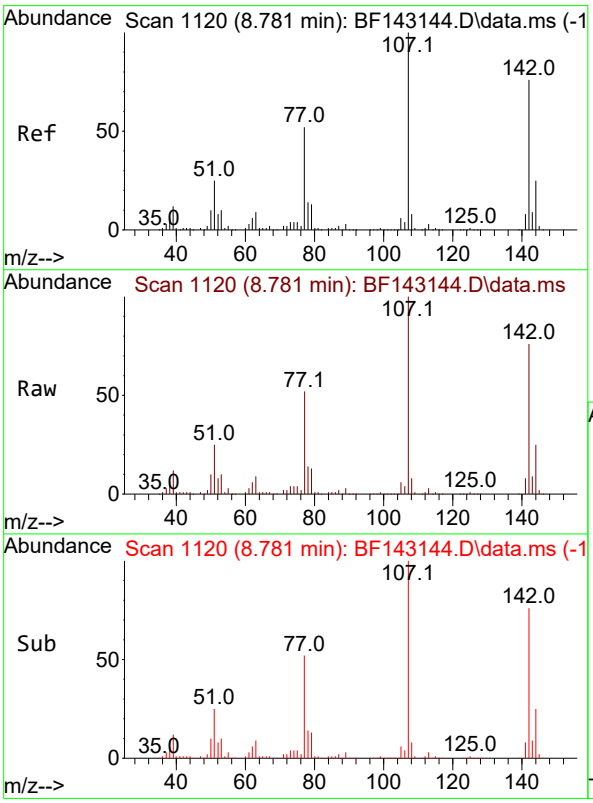
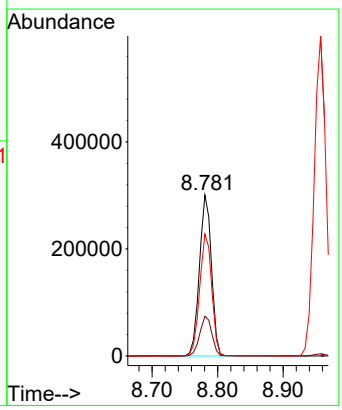


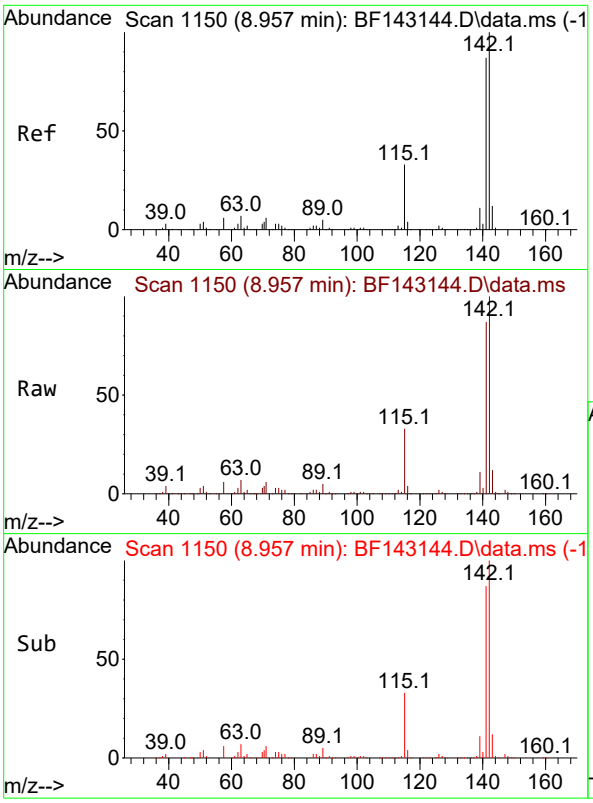


#36
4-Chloro-3-methylphenol
Concen: 39.628 ng
RT: 8.781 min Scan# 1120
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:107 Resp: 385507

Ion	Ratio	Lower	Upper
107	100		
144	24.7	19.8	29.6
142	75.7	60.6	90.8

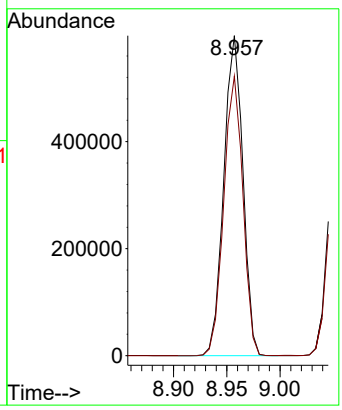




#37
2-Methylnaphthalene
Concen: 38.720 ng
RT: 8.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:142 Resp: 74429

Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.9	104.9



Instrument :
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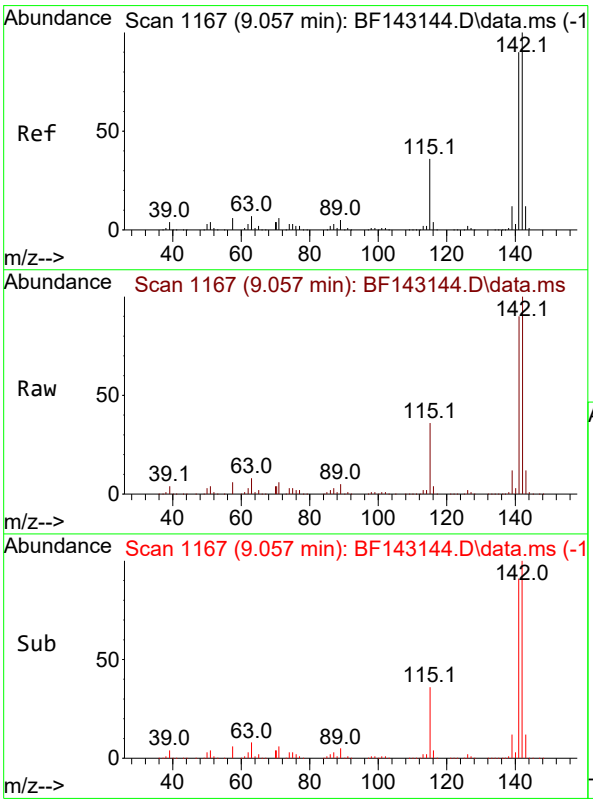
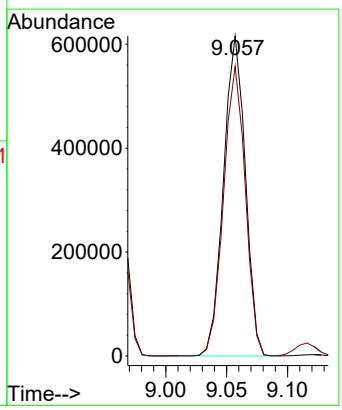
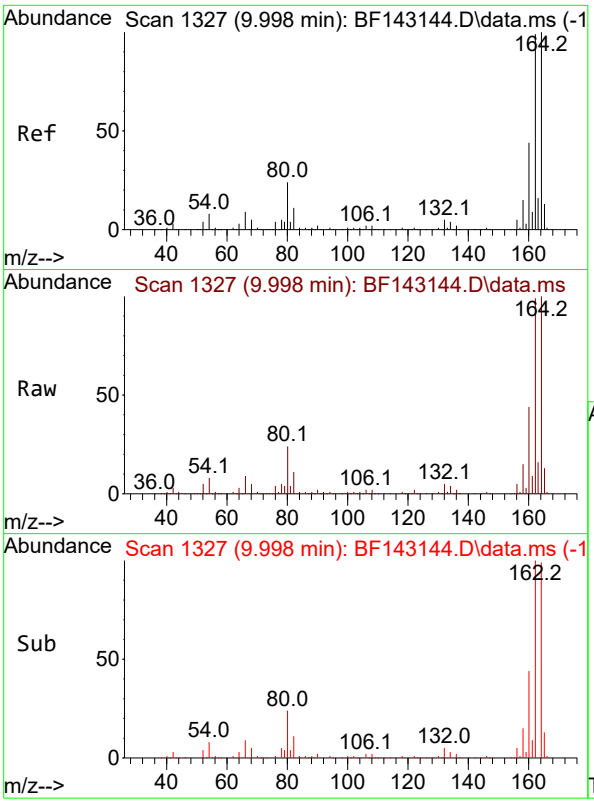


#38
1-Methylnaphthalene
Concen: 38.825 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:142 Resp: 768508

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.3	108.5

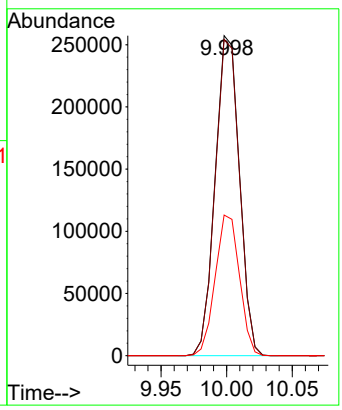




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:164 Resp: 33188

Ion	Ratio	Lower	Upper
164	100		
162	98.8	79.0	118.6
160	43.9	35.1	52.7



Instrument :
BNA_F
ClientSampleId :
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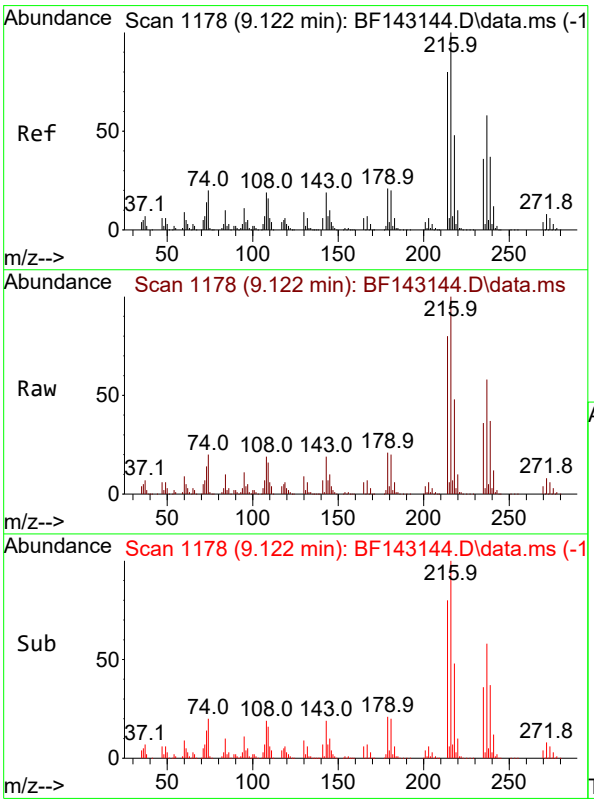
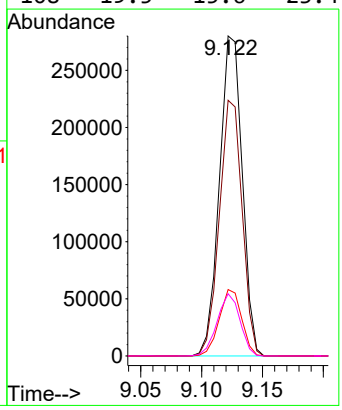
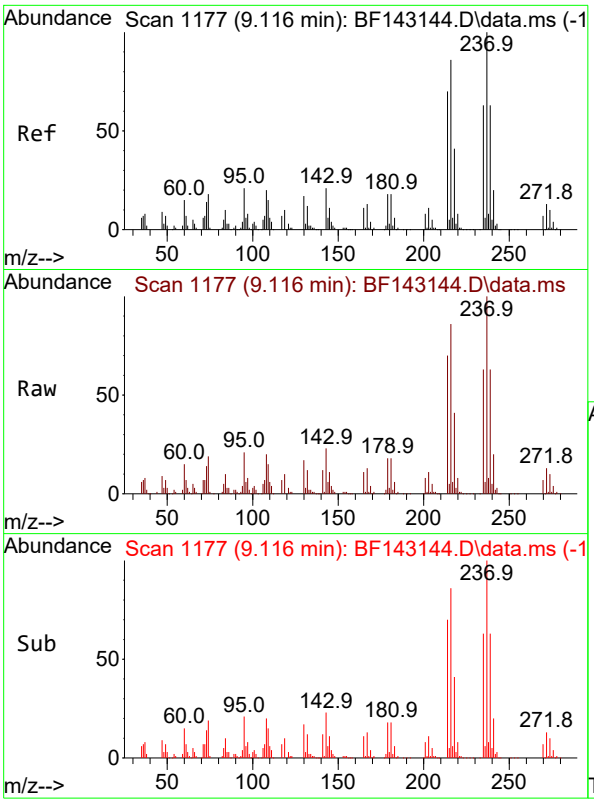


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.118 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:216 Resp: 365234

Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.8	95.8
179	20.5	16.4	24.6
108	19.5	15.6	23.4

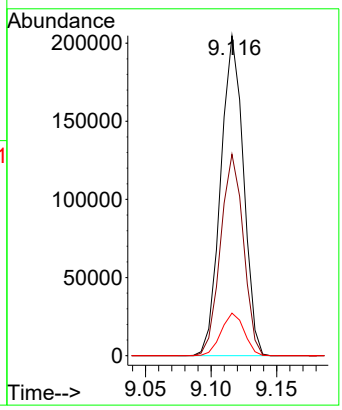




#41
Hexachlorocyclopentadiene
Concen: 39.695 ng
RT: 9.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:237 Resp: 24748

Ion	Ratio	Lower	Upper
237	100		
235	63.0	43.0	83.0
272	13.3	0.0	33.3



Instrument :
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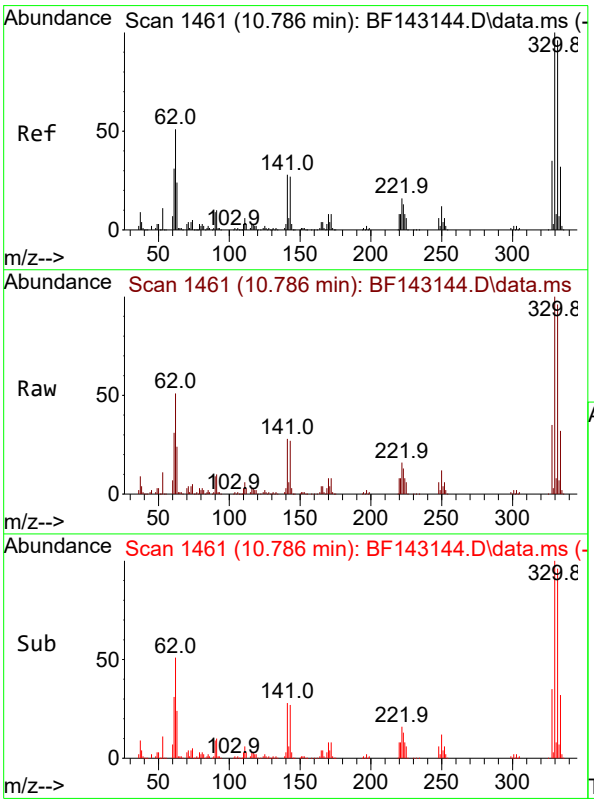
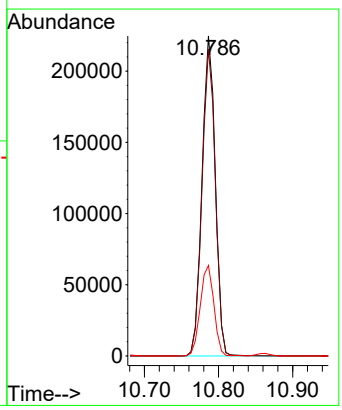
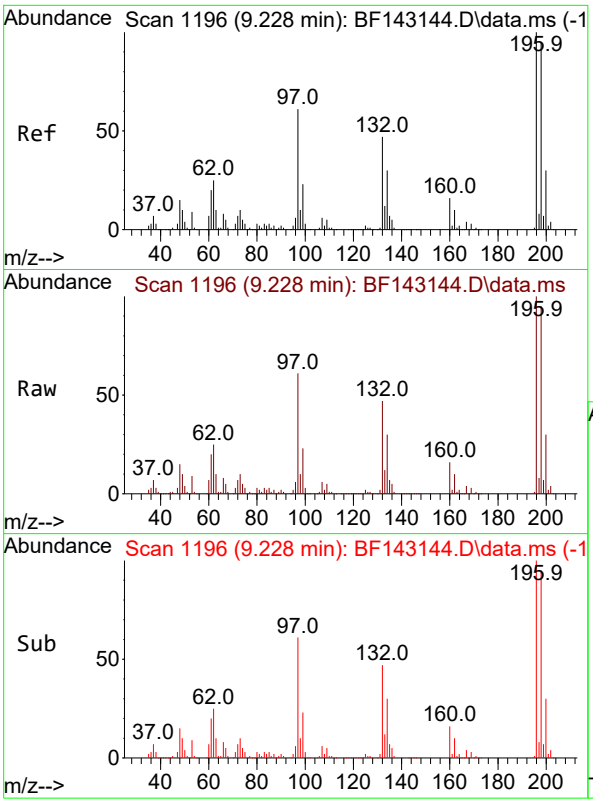


#42
2,4,6-Tribromophenol
Concen: 81.485 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:330 Resp: 279373

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.7	115.1
141	29.1	23.3	34.9

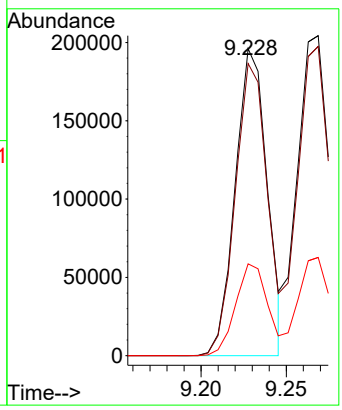




#43
2,4,6-Trichlorophenol
Concen: 38.471 ng
RT: 9.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:196 Resp: 25511

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
200	29.9	23.9	35.9



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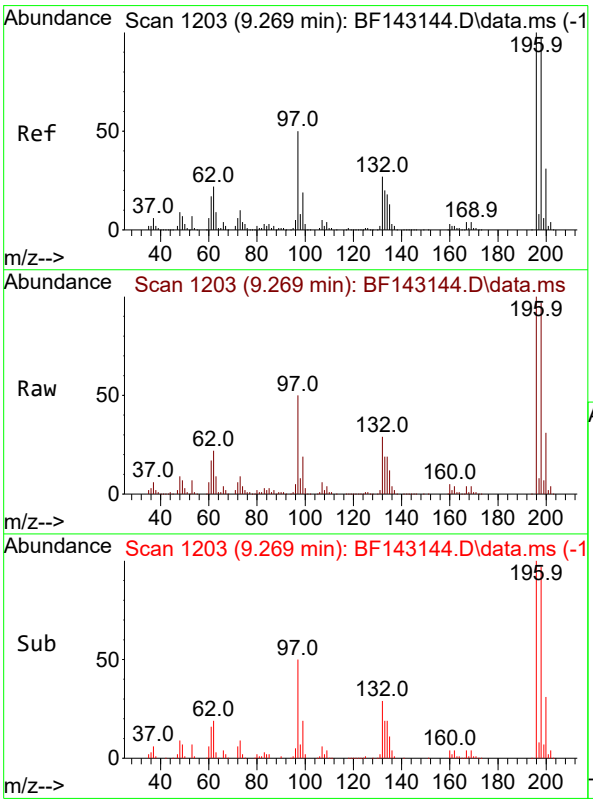
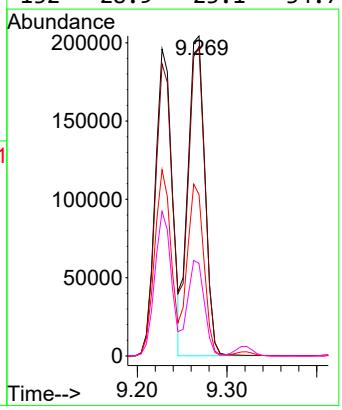
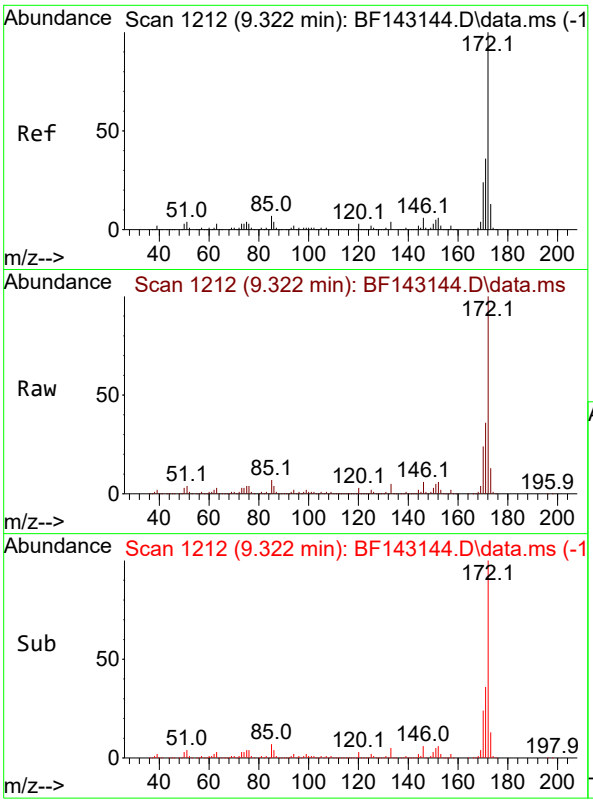


#44
2,4,5-Trichlorophenol
Concen: 40.494 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:196 Resp: 268615

Ion	Ratio	Lower	Upper
196	100		
198	96.6	77.3	115.9
97	50.4	40.3	60.5
132	28.9	23.1	34.7





#45
2-Fluorobiphenyl
Concen: 74.274 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:172 Resp: 180239

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.5	18.8	28.2

Instrument :
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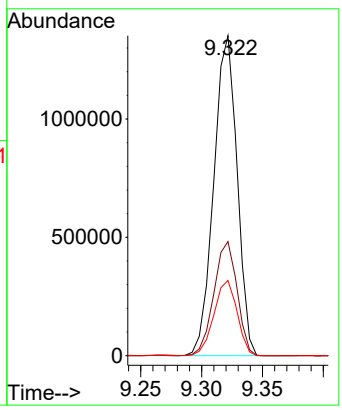
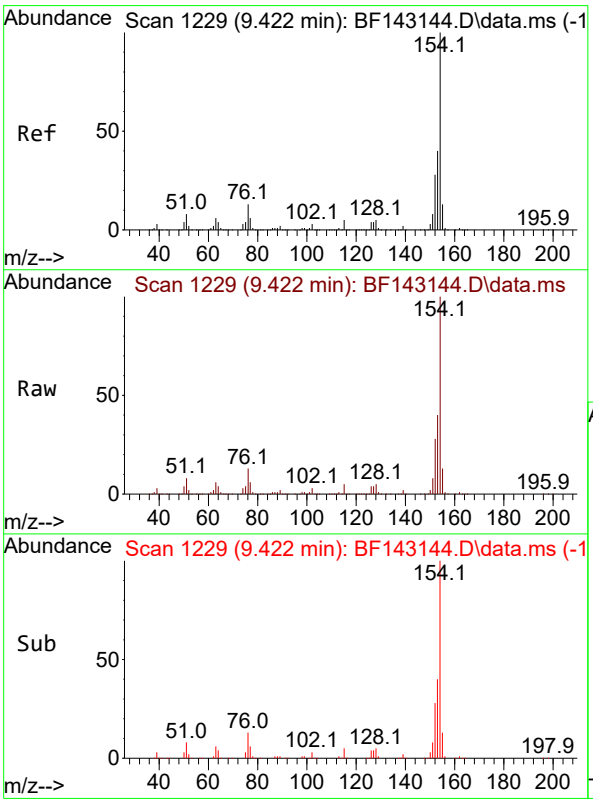
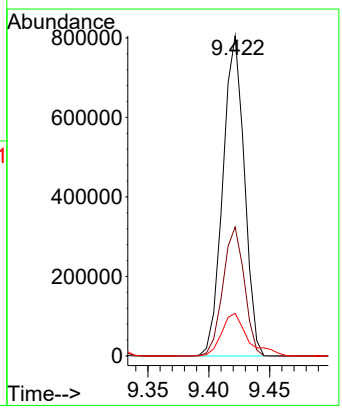


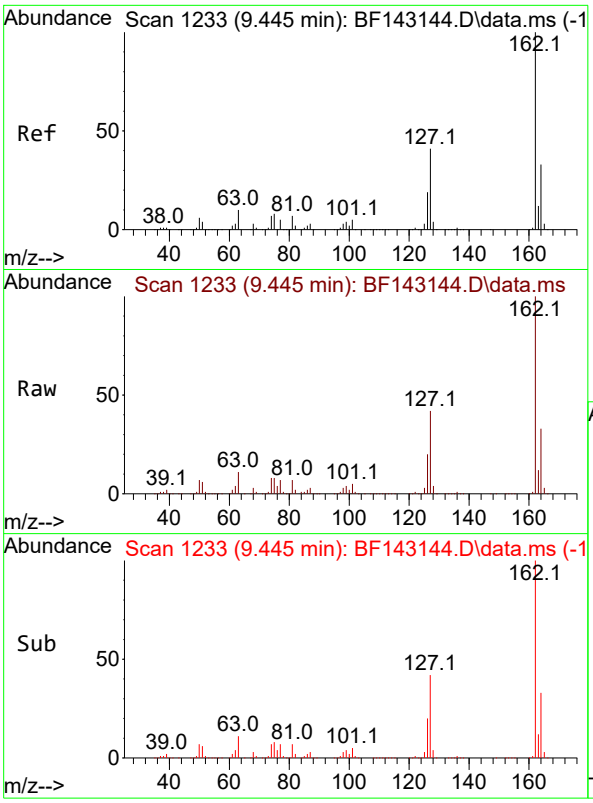


#46
1,1'-Biphenyl
Concen: 38.177 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:154 Resp: 988537

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.3	60.3
76	13.3	0.0	33.3

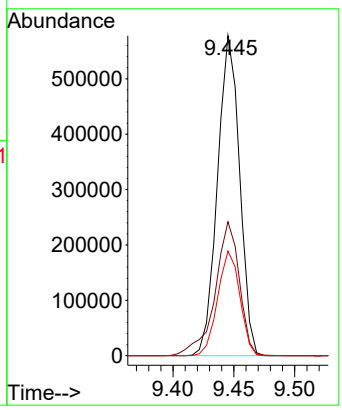




#47
2-Chloronaphthalene
Concen: 38.200 ng
RT: 9.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:162 Resp: 73187

Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.4	50.2
164	32.7	26.2	39.2



Instrument :
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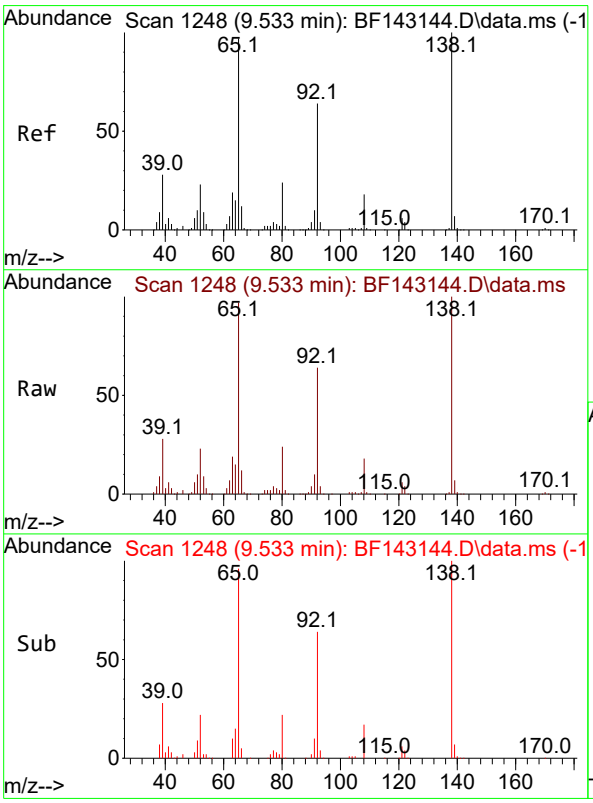
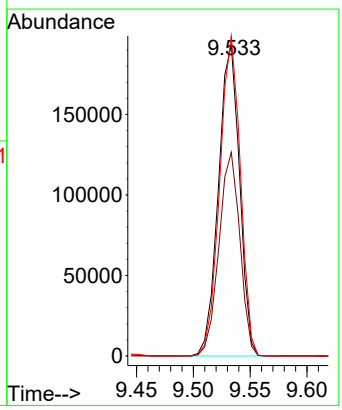
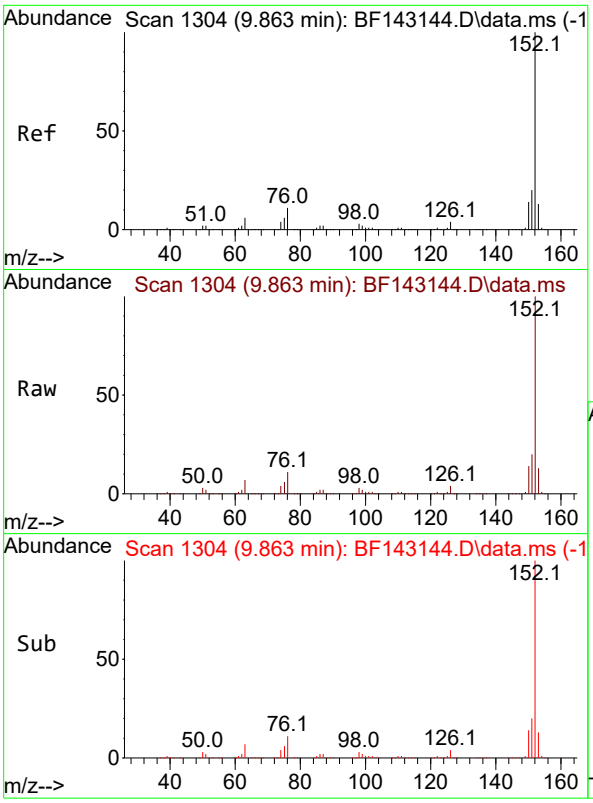


#48
2-Nitroaniline
Concen: 41.594 ng
RT: 9.533 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 65 Resp: 249908

Ion	Ratio	Lower	Upper
65	100		
92	65.5	52.4	78.6
138	102.9	82.3	123.5

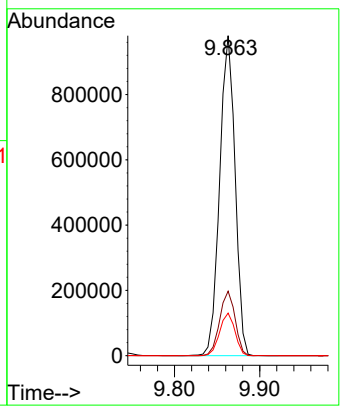




#49
Acenaphthylene
Concen: 38.458 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:152 Resp: 123478

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.3	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
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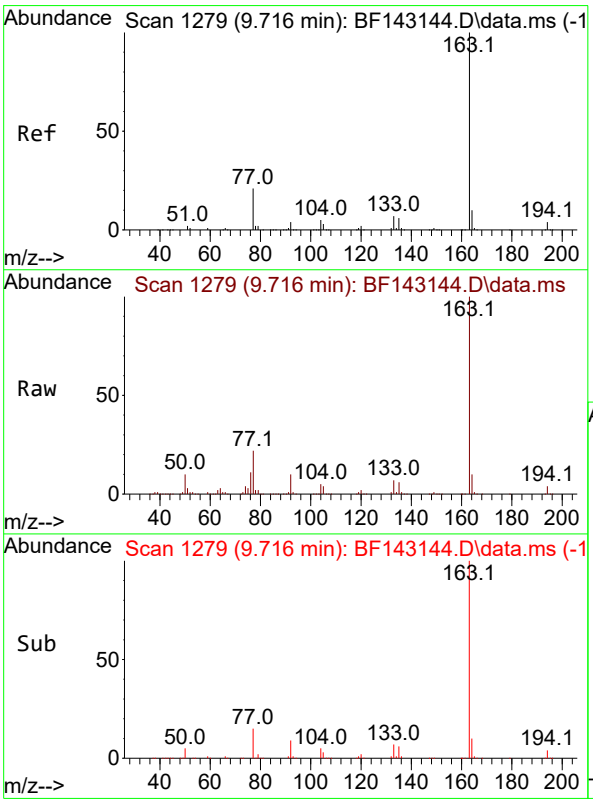
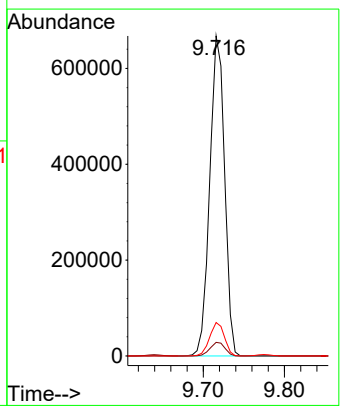
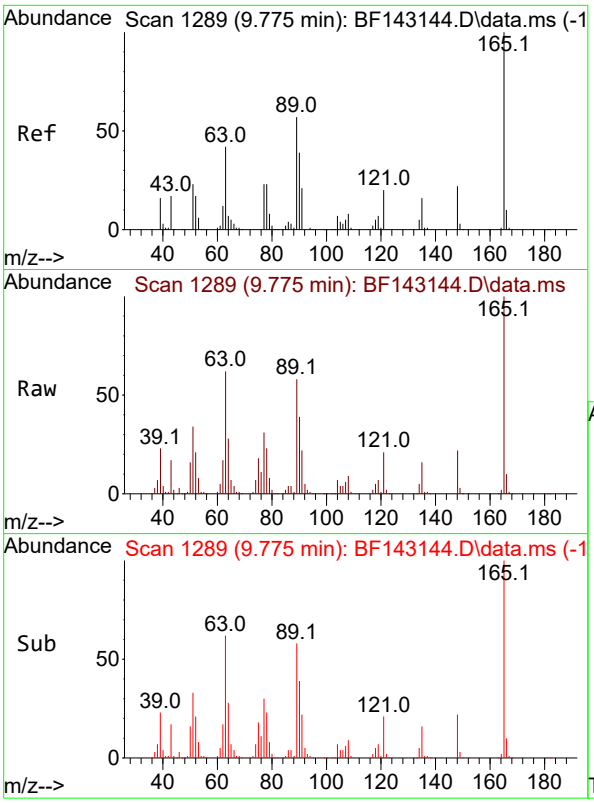


#50
Dimethylphthalate
Concen: 39.238 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:163 Resp: 848828

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.4	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 41.866 ng
RT: 9.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:165 Resp: 18424

Ion	Ratio	Lower	Upper
165	100		
63	61.8	49.4	74.2
89	57.7	46.2	69.2

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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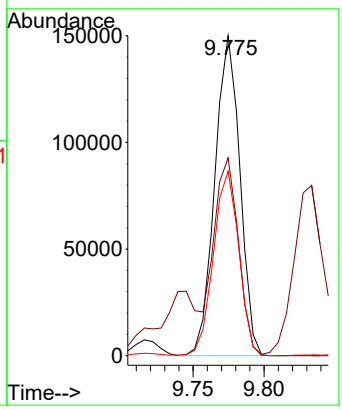
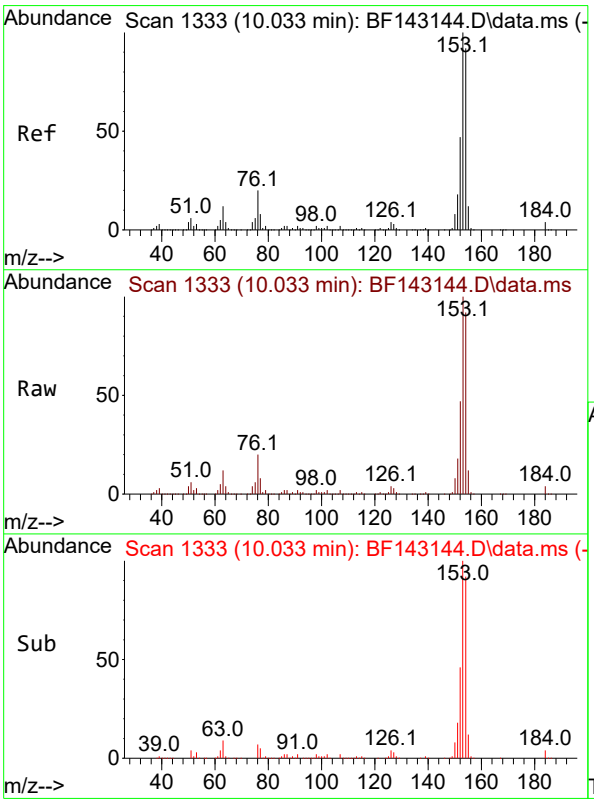
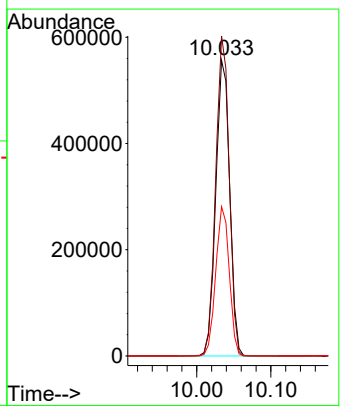


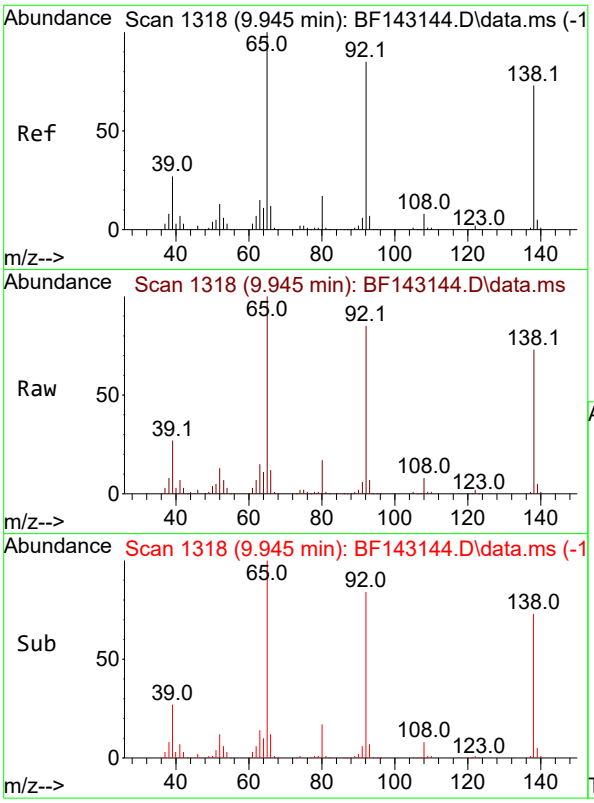


#52
Acenaphthene
Concen: 38.330 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:154 Resp: 727386

Ion	Ratio	Lower	Upper
154	100		
153	108.2	86.6	129.8
152	50.5	40.4	60.6

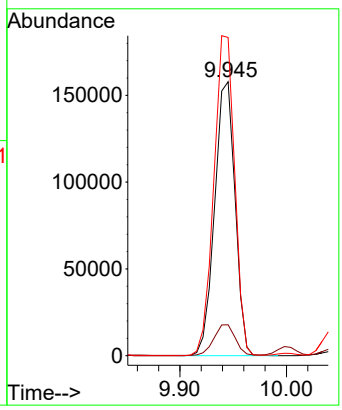




#53
3-Nitroaniline
Concen: 40.832 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:138 Resp: 21017

Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.0	13.6
92	116.2	93.0	139.4



Instrument :
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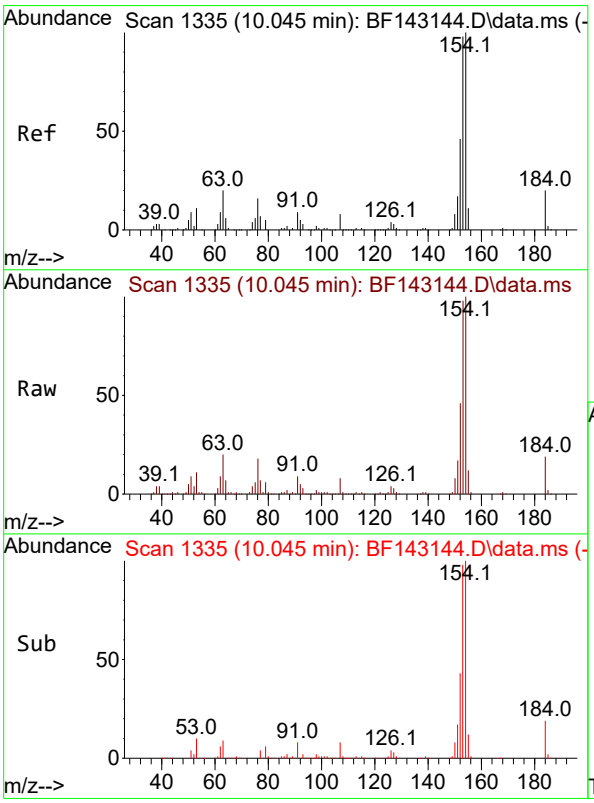
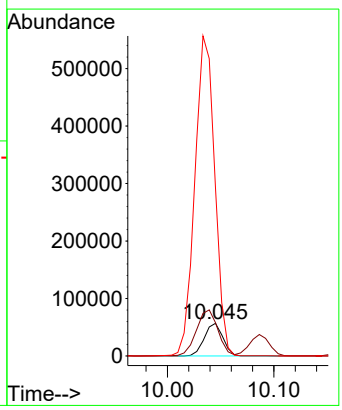
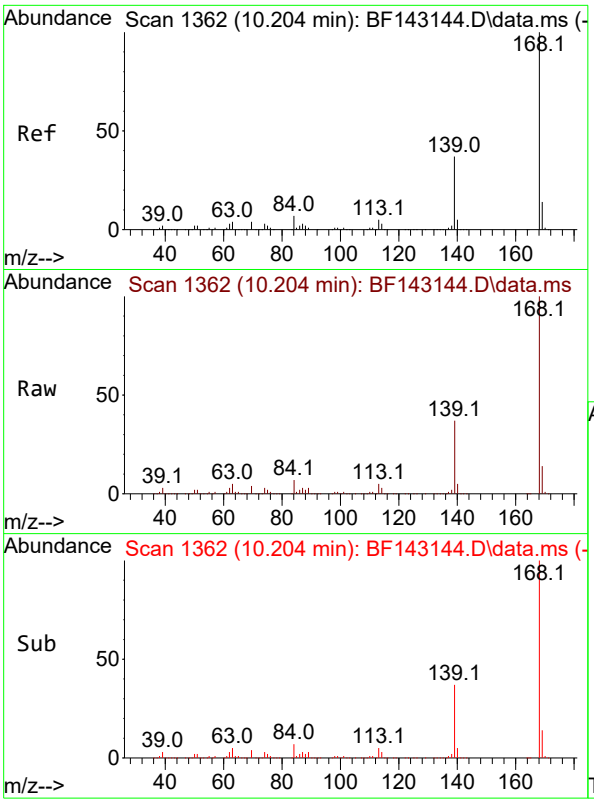


#54
2,4-Dinitrophenol
Concen: 38.449 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:184 Resp: 69157

Ion	Ratio	Lower	Upper
184	100		
63	102.2	81.8	122.6
154	515.3	412.2	618.4

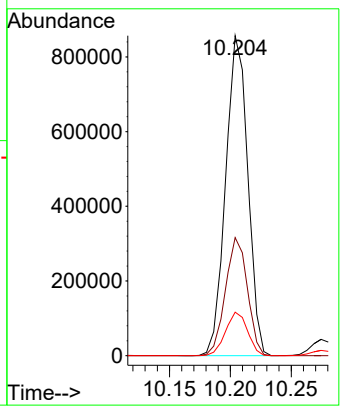




#55
Dibenzofuran
Concen: 38.462 ng
RT: 10.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:168 Resp: 108367

Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.5	44.3
169	13.6	10.9	16.3



Instrument :
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ClientSampleId :
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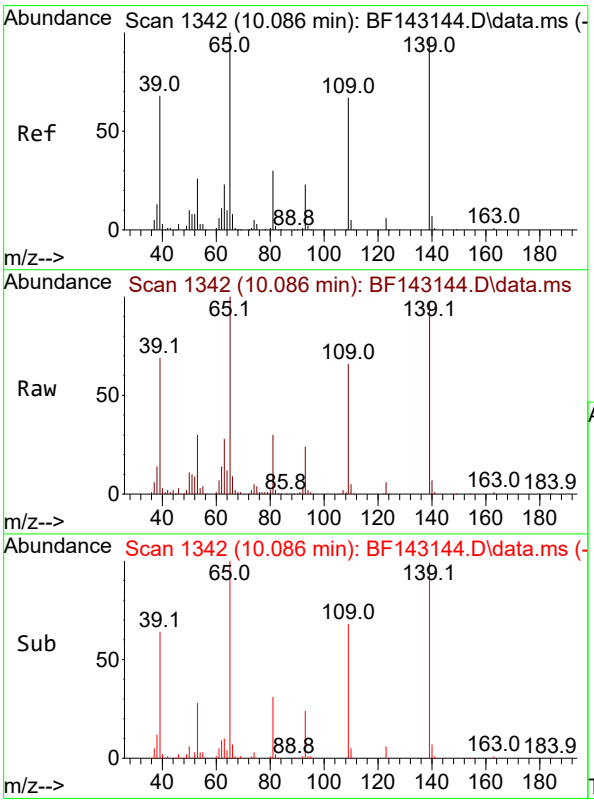
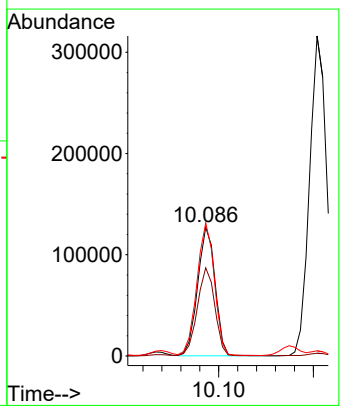
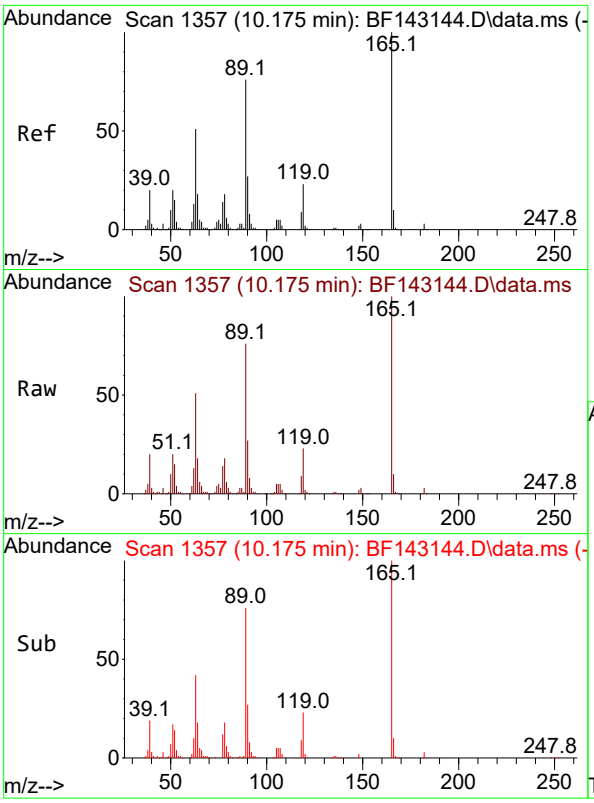


#56
4-Nitrophenol
Concen: 42.408 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:139 Resp: 163009

Ion	Ratio	Lower	Upper
139	100		
109	68.5	48.5	88.5
65	103.4	83.4	123.4

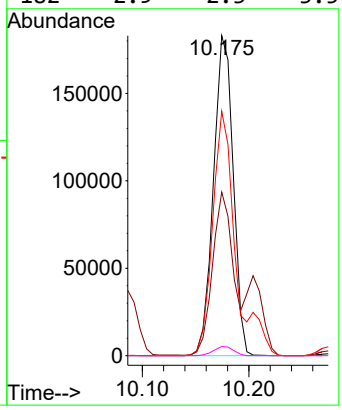




#57
2,4-Dinitrotoluene
Concen: 42.581 ng
RT: 10.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:165 Resp: 23510

Ion	Ratio	Lower	Upper
165	100		
63	51.2	41.0	61.4
89	76.4	61.1	91.7
182	2.9	2.3	3.5



Instrument :
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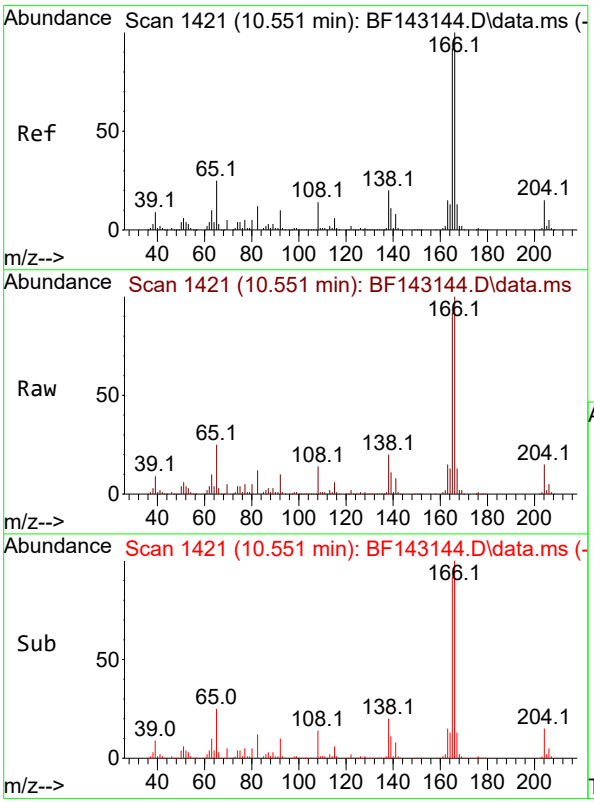
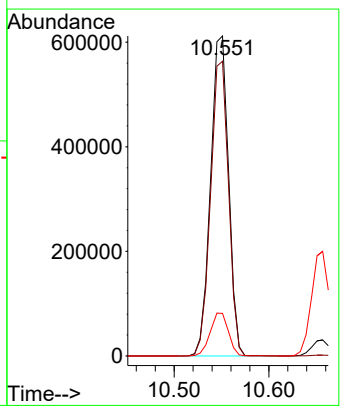
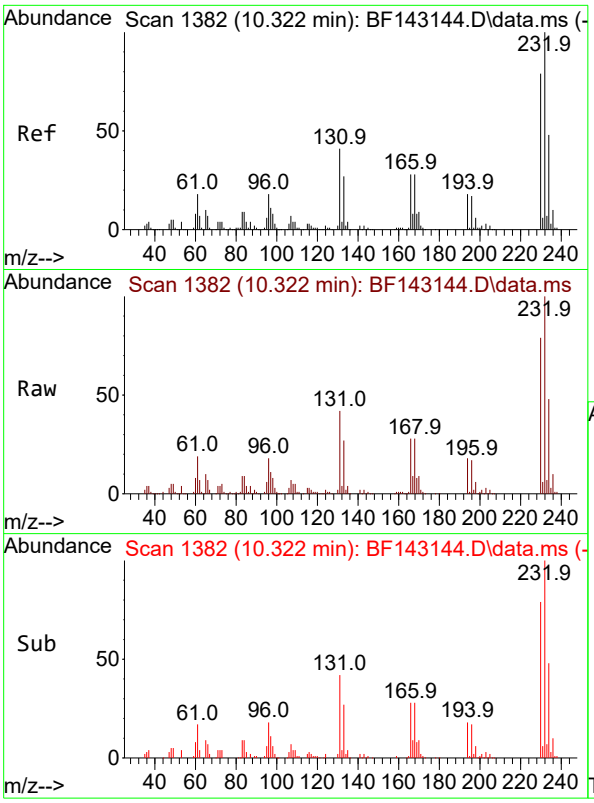


#58
Fluorene
Concen: 38.037 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:166 Resp: 804336

Ion	Ratio	Lower	Upper
166	100		
165	92.1	73.7	110.5
167	13.3	10.6	16.0

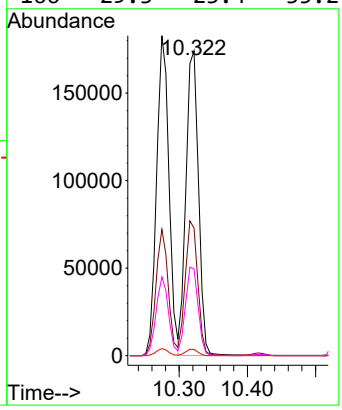




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.196 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:232 Resp: 22087

Ion	Ratio	Lower	Upper
232	100		
131	44.1	35.3	52.9
130	2.1	1.7	2.5
166	29.3	23.4	35.2



Instrument :
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ClientSampleId :
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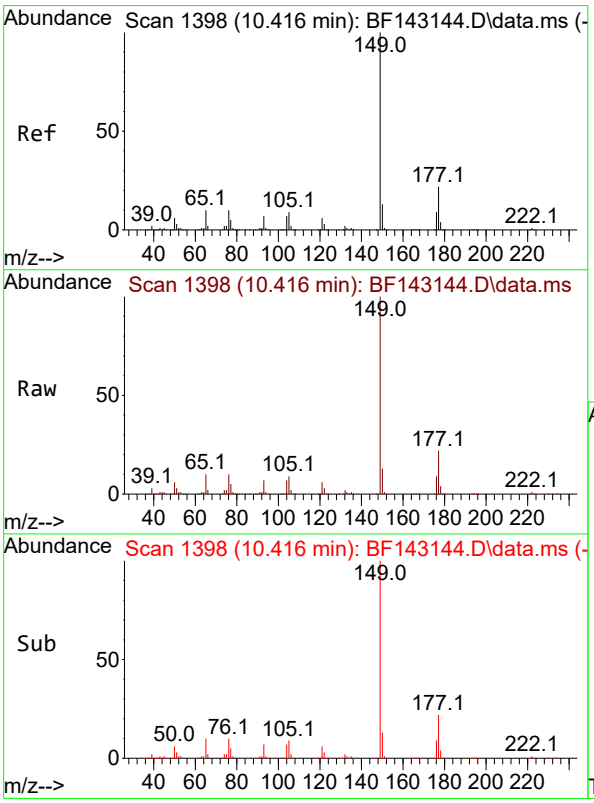
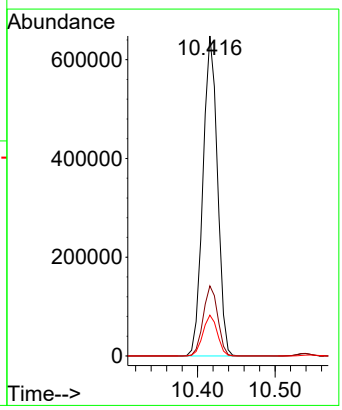
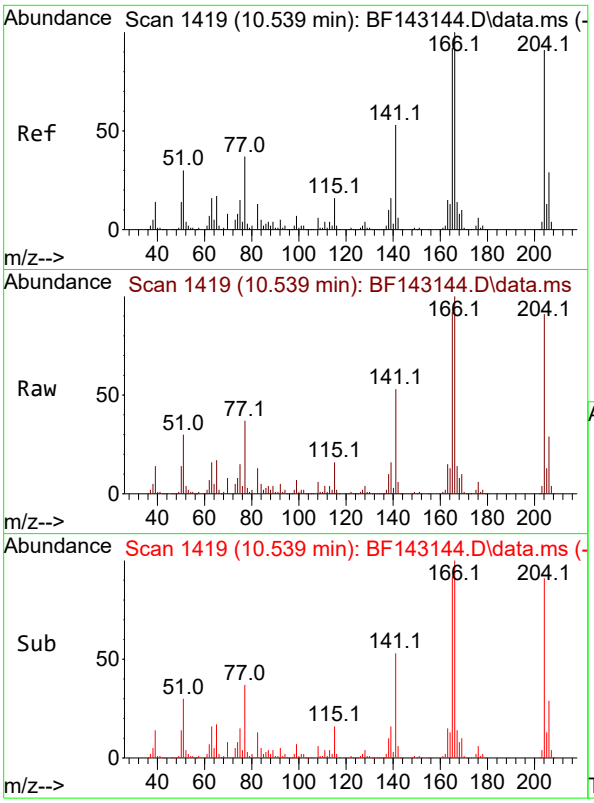


#60
Diethylphthalate
Concen: 39.387 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:149 Resp: 842184

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.5	26.3
150	12.7	10.2	15.2





#61
4-Chlorophenyl-phenylether
Concen: 38.604 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:204 Resp: 40647

Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.8	38.8
141	58.7	47.0	70.4

Instrument :
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ClientSampleId :
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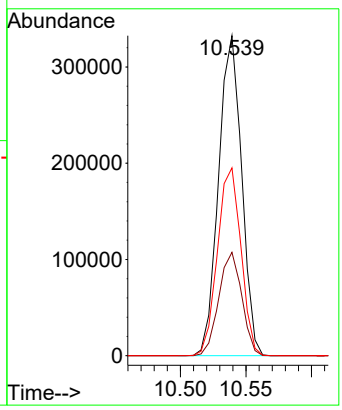
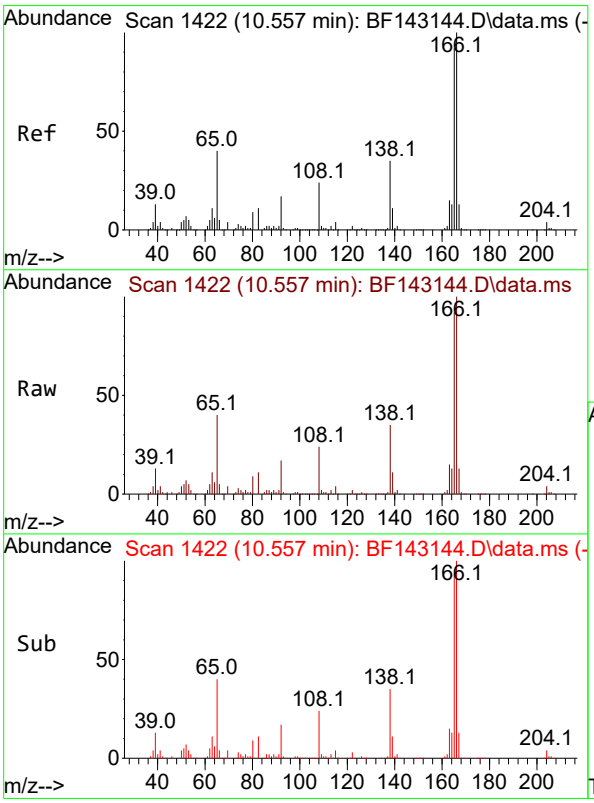
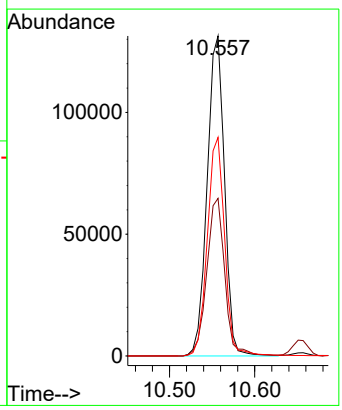


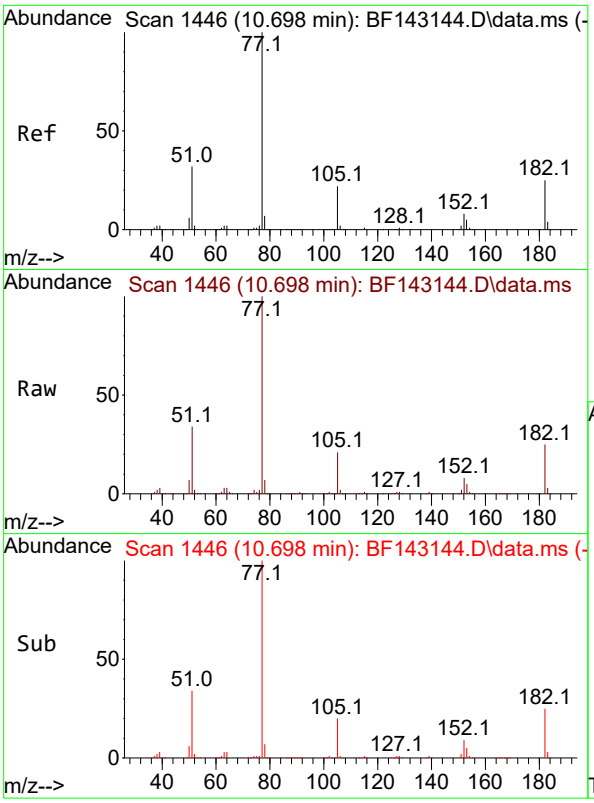


#62
4-Nitroaniline
Concen: 42.055 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:138 Resp: 185530

Ion	Ratio	Lower	Upper
138	100		
92	49.3	29.3	69.3
108	68.3	48.3	88.3

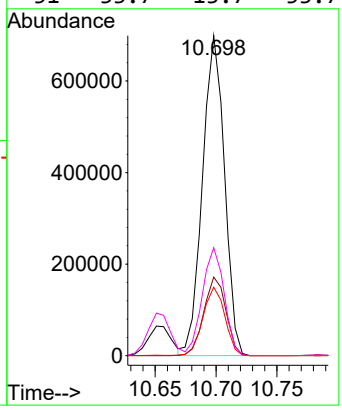




#63
Azobenzene
Concen: 39.326 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 77 Resp: 87638

Ion	Ratio	Lower	Upper
77	100		
182	24.6	4.6	44.6
105	21.4	1.4	41.4
51	33.7	13.7	53.7



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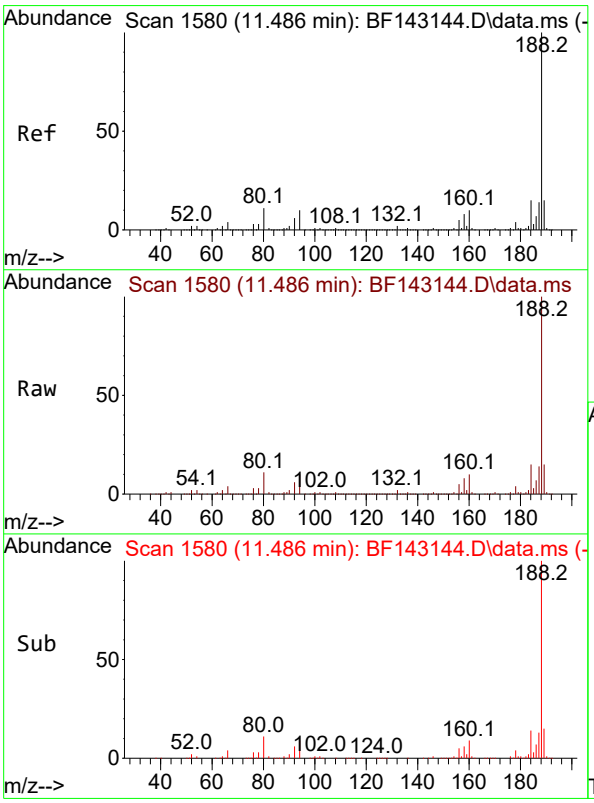
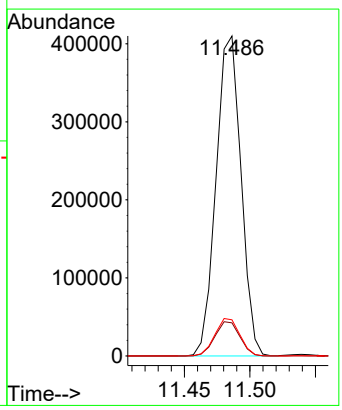
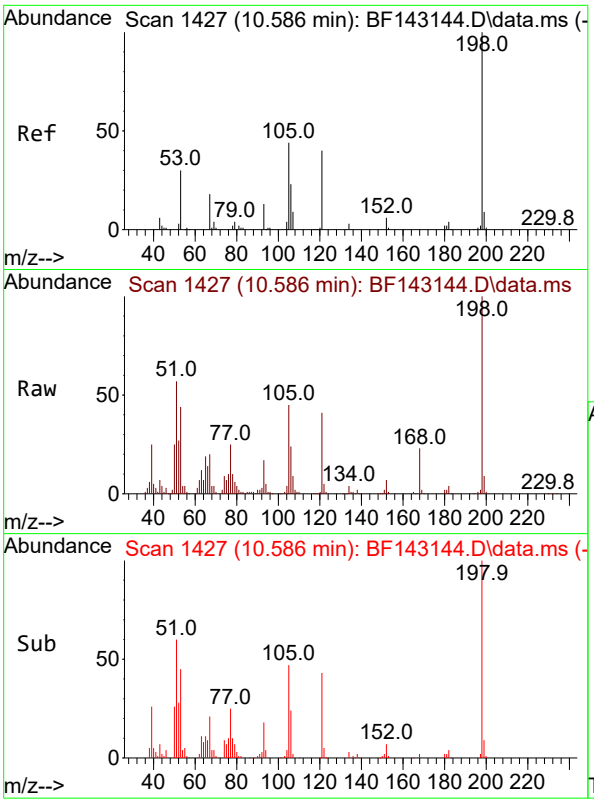


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:188 Resp: 542726

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.3	12.5
80	11.3	9.0	13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 38.322 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:198 Resp: 10553

Ion	Ratio	Lower	Upper
198	100		
51	57.2	37.2	77.2
105	44.8	24.8	64.8

Instrument :
BNA_F
ClientSampleId :
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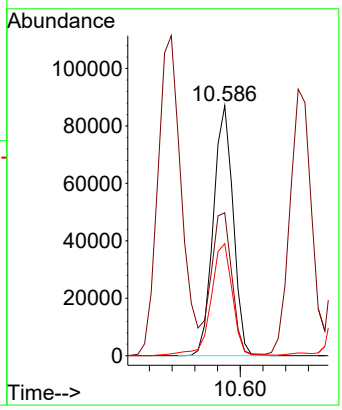
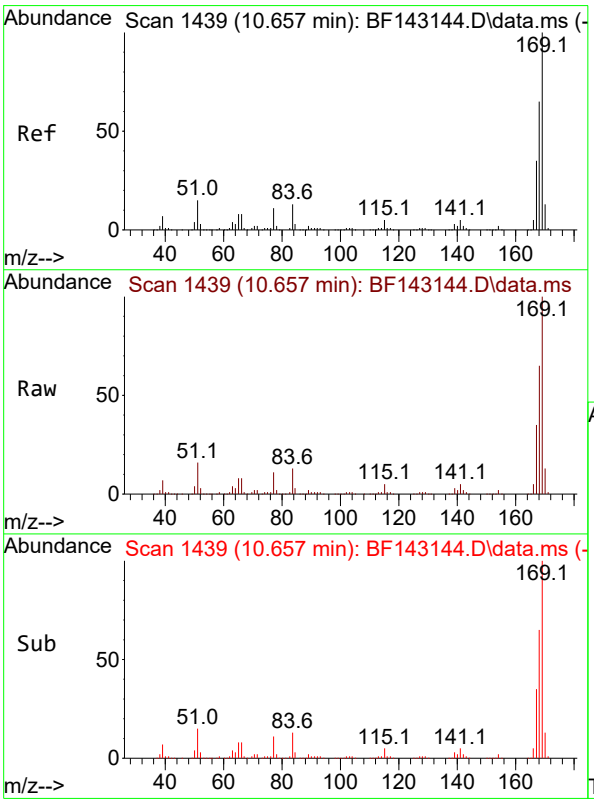
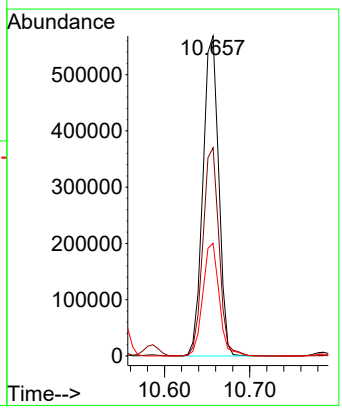


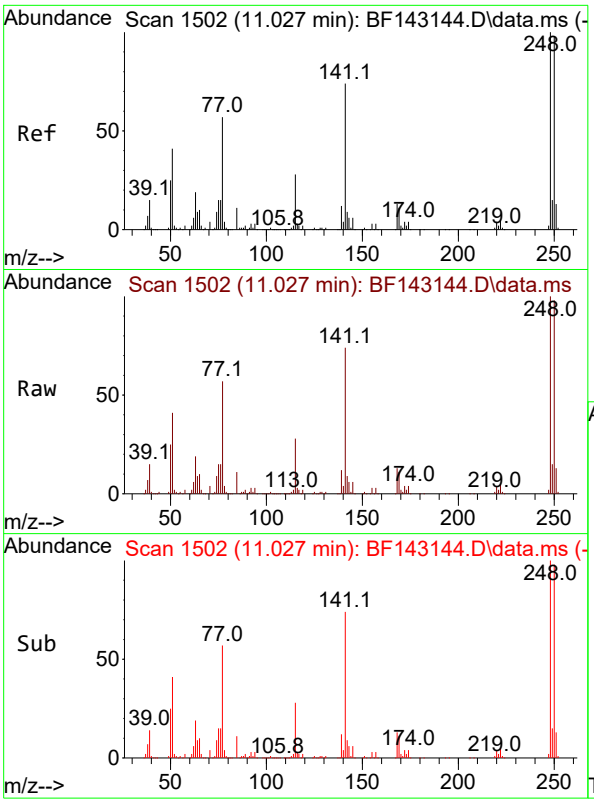


#66
n-Nitrosodiphenylamine
Concen: 38.278 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:169 Resp: 731532

Ion	Ratio	Lower	Upper
169	100		
168	65.1	52.1	78.1
167	35.2	28.2	42.2

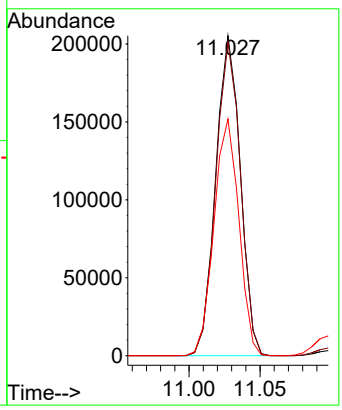




#67
4-Bromophenyl-phenylether
Concen: 38.307 ng
RT: 11.027 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:248 Resp: 24776

Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.3	117.5
141	74.0	59.2	88.8



Instrument :
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ClientSampleId :
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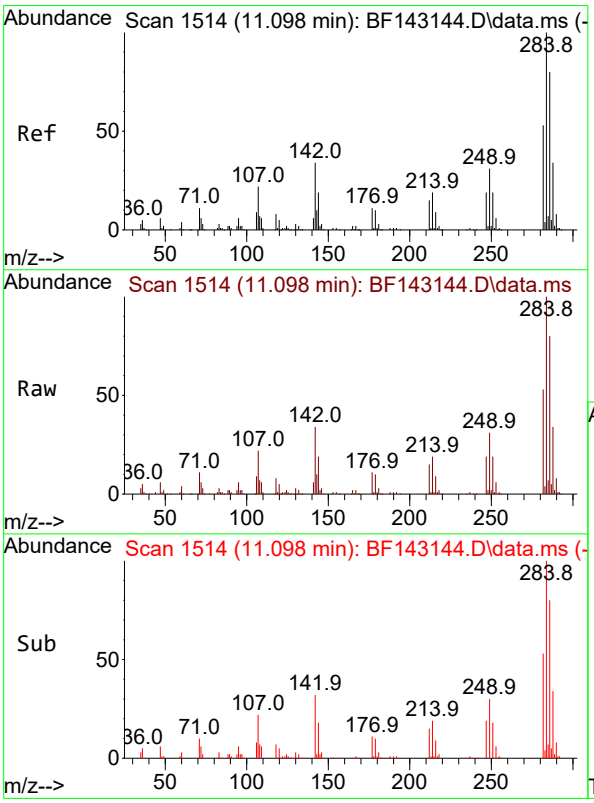
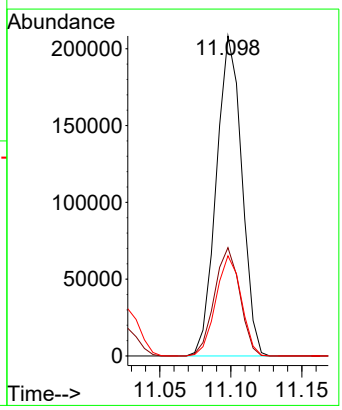
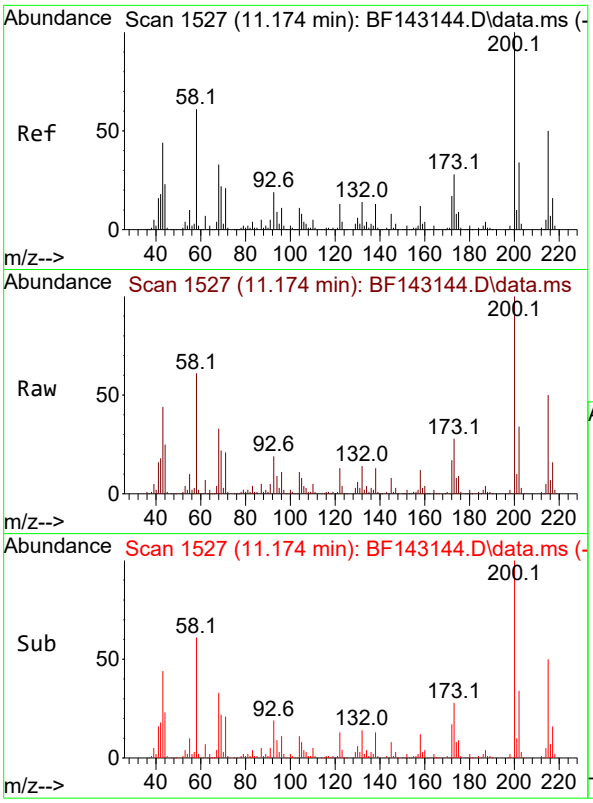


#68
Hexachlorobenzene
Concen: 38.424 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:284 Resp: 259758

Ion	Ratio	Lower	Upper
284	100		
142	33.8	27.0	40.6
249	31.3	25.0	37.6

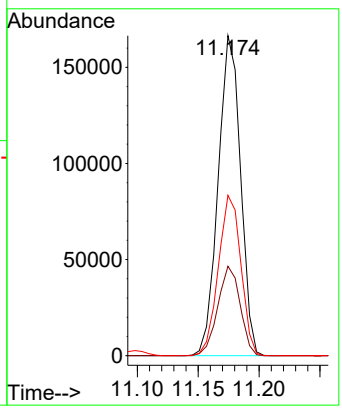




#69
Atrazine
Concen: 40.421 ng
RT: 11.174 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:200 Resp: 21297

Ion	Ratio	Lower	Upper
200	100		
173	27.9	7.9	47.9
215	50.1	30.1	70.1



Instrument :
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ClientSampleId :
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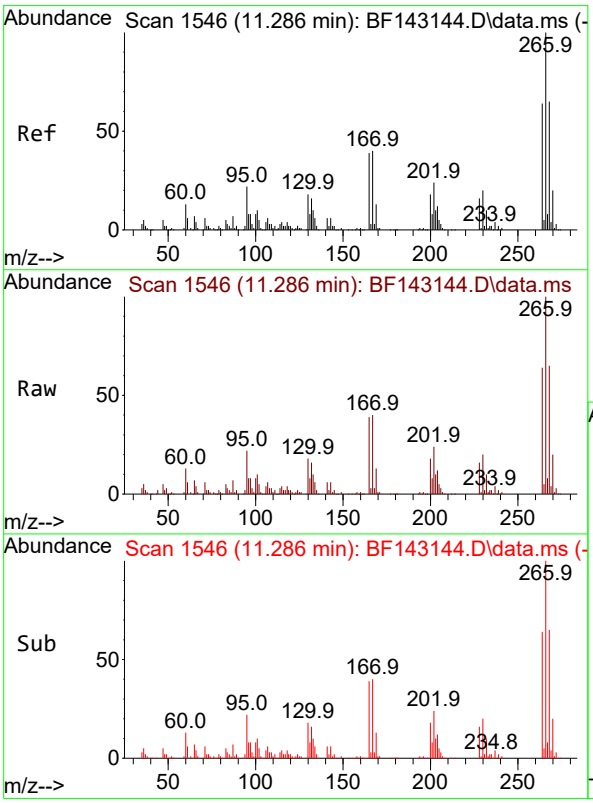
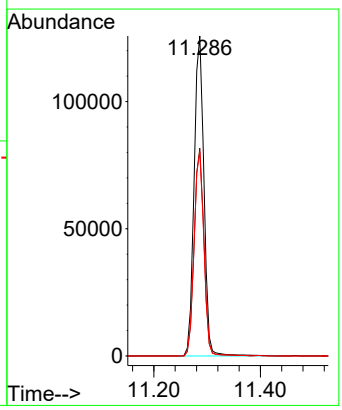
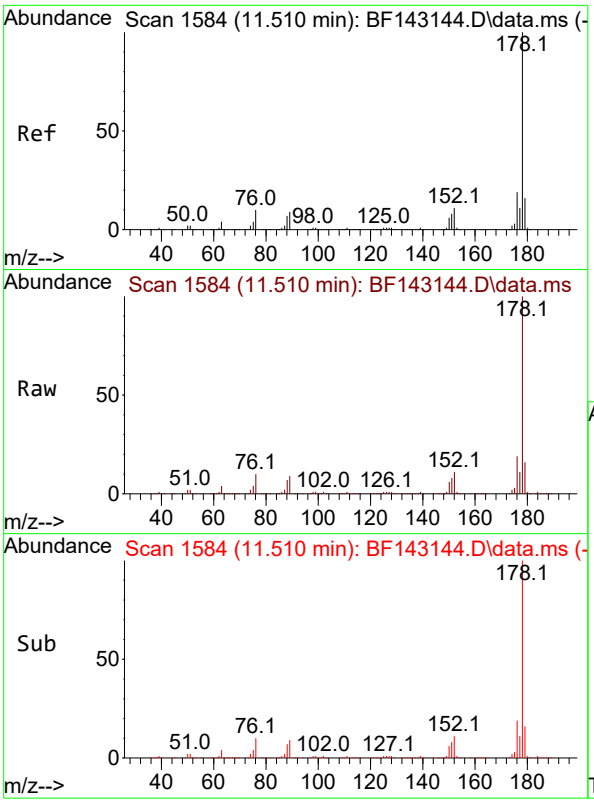


#70
Pentachlorophenol
Concen: 40.500 ng
RT: 11.286 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:266 Resp: 161013

Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.9	77.9
264	63.8	51.0	76.6

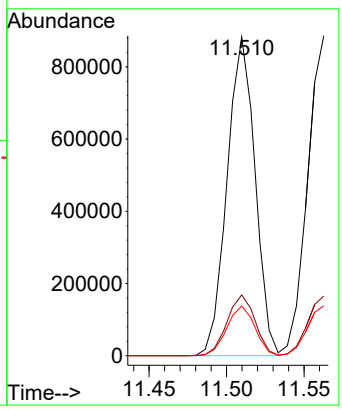




#71
Phenanthrene
Concen: 38.429 ng
RT: 11.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:178 Resp: 110741

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.6	12.5	18.7



Instrument :
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ClientSampleId :
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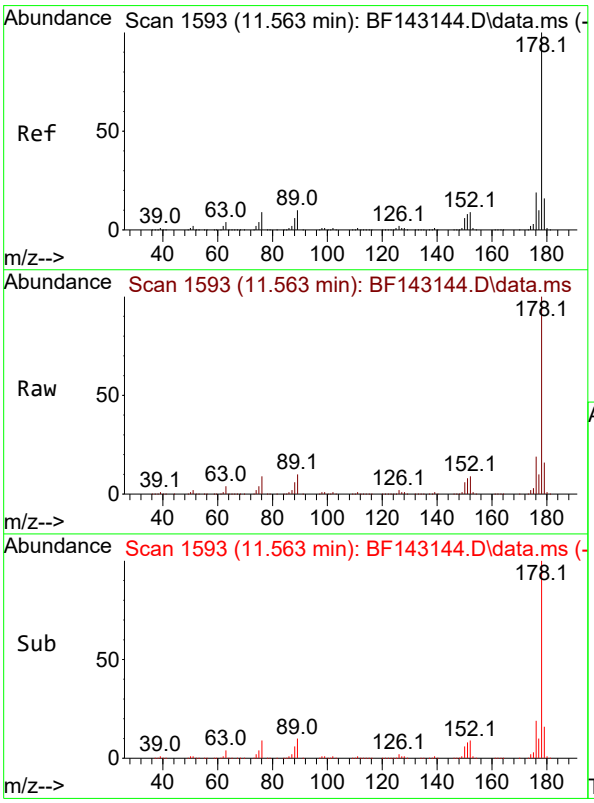
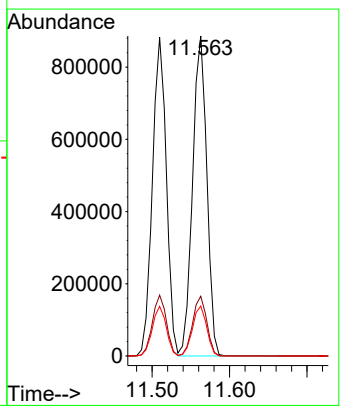
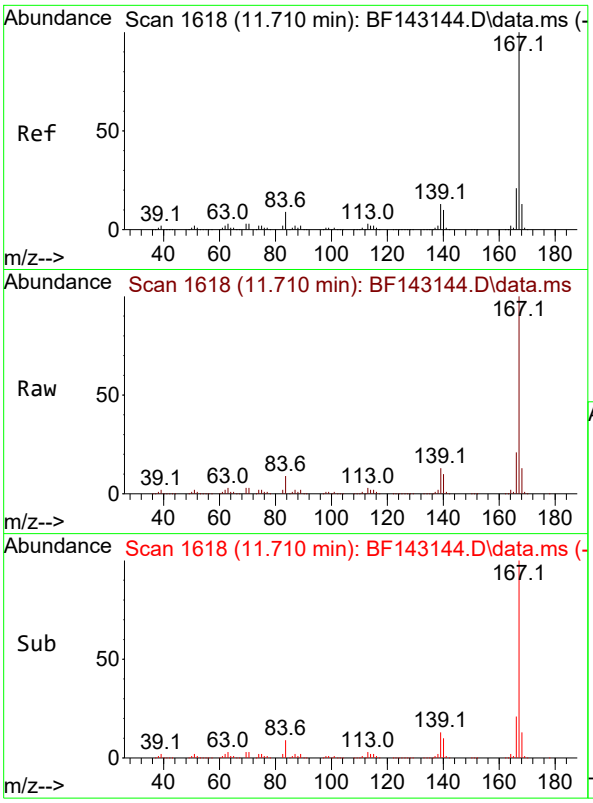


#72
Anthracene
Concen: 38.336 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:178 Resp: 1126710

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.6	12.5	18.7

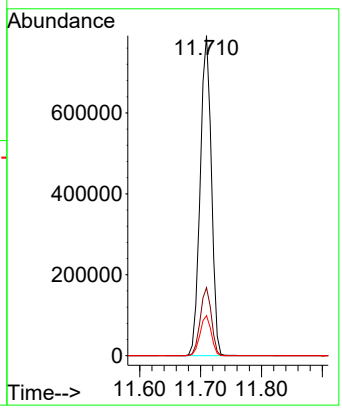




#73
Carbazole
Concen: 39.304 ng
RT: 11.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:167 Resp: 100866

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	12.5	10.0	15.0



Instrument :
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ClientSampleId :
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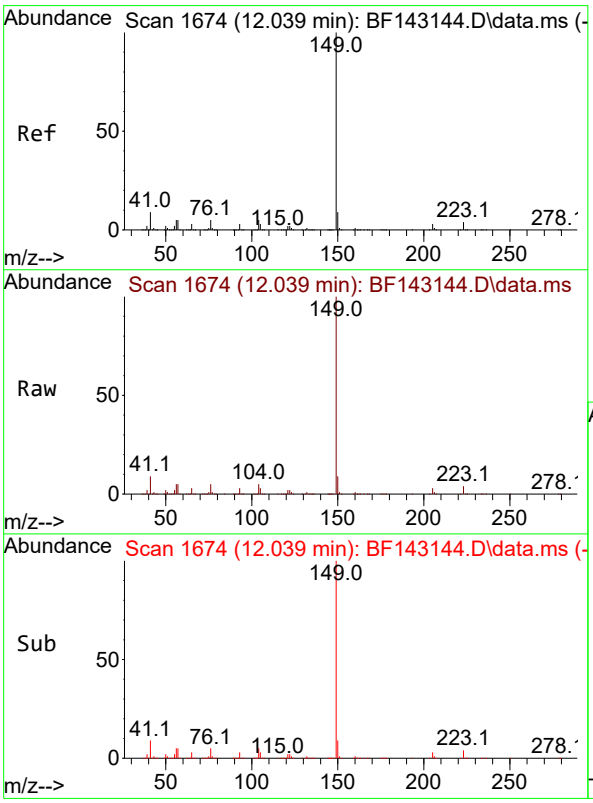
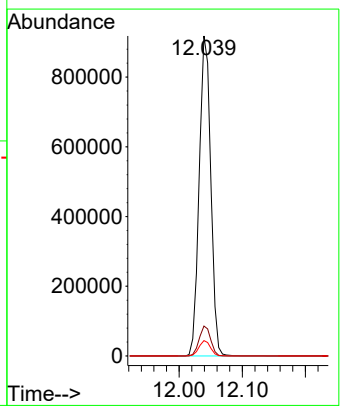
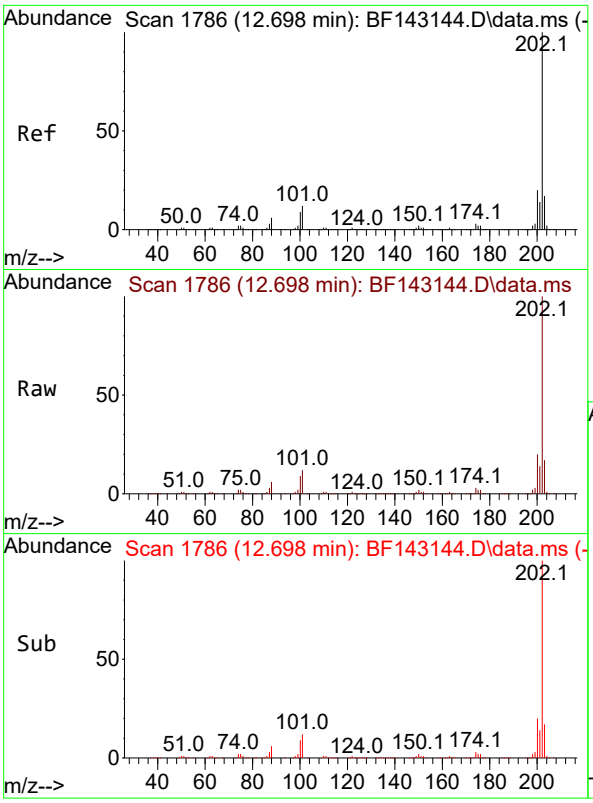


#74
Di-n-butylphthalate
Concen: 40.135 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:149 Resp: 1165443

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.8	3.8	5.8





#75
Fluoranthene
Concen: 39.111 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:202 Resp: 103450

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.7
203	17.4	0.0	37.4

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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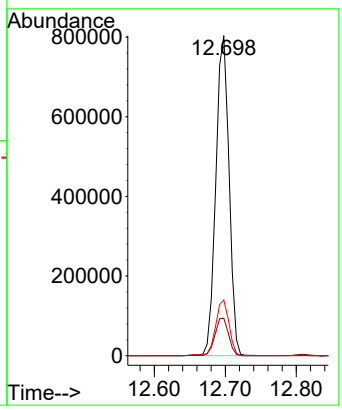
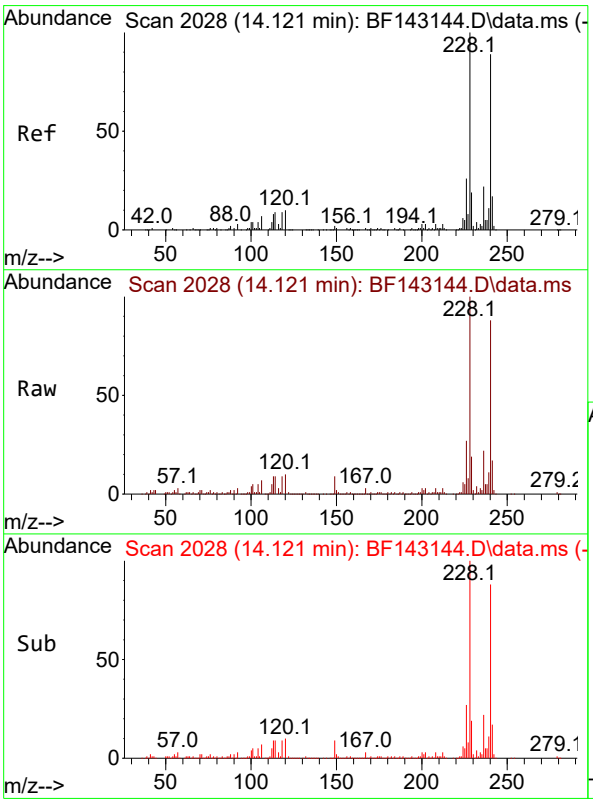
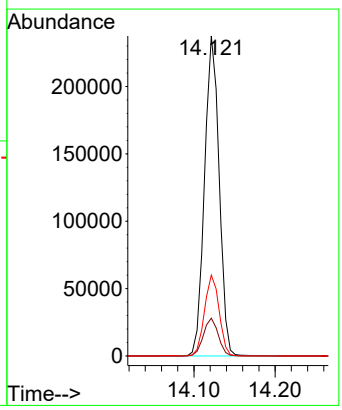


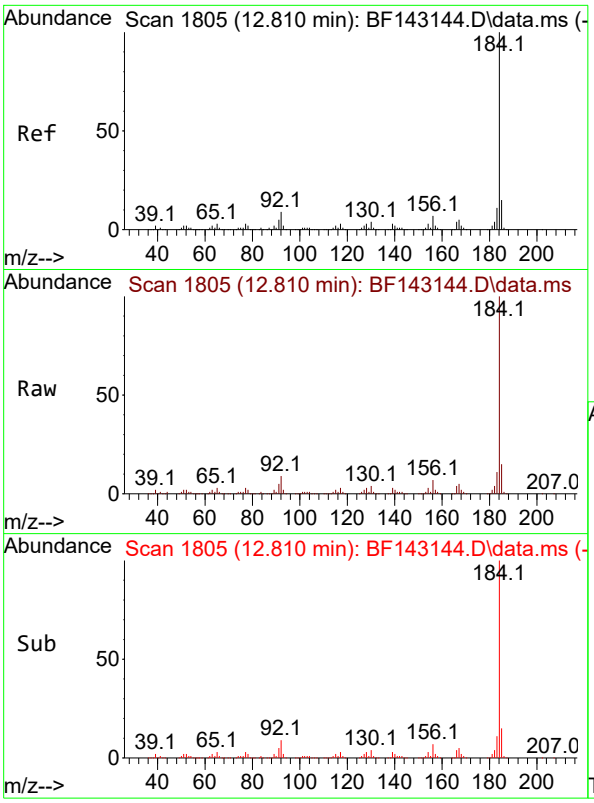


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:240 Resp: 296414

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.4	14.2
236	25.3	20.2	30.4

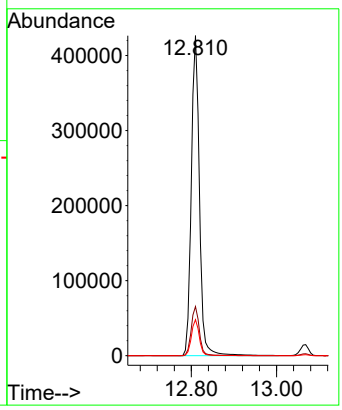




#77
Benzidine
Concen: 49.451 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:184 Resp: 56473

Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.2	18.4
183	11.2	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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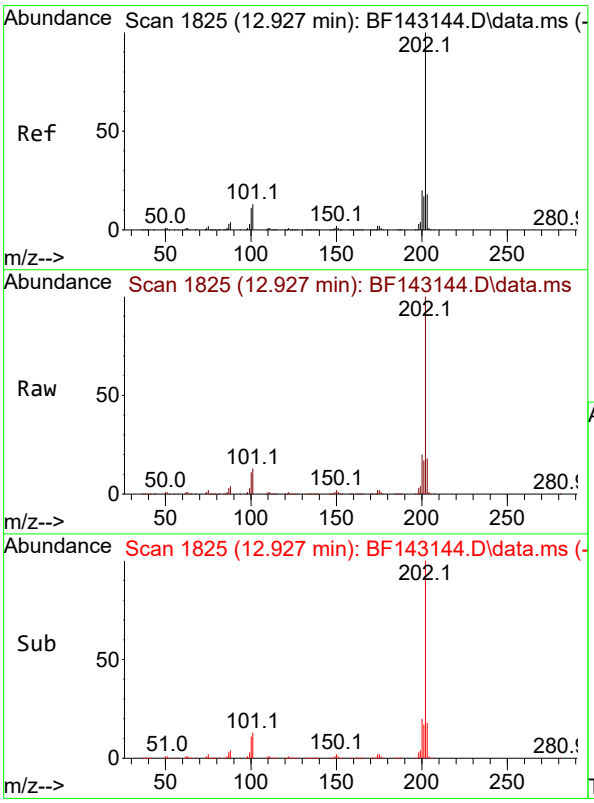
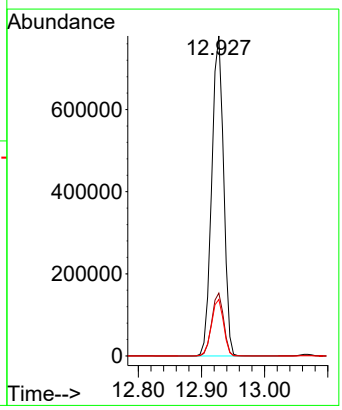
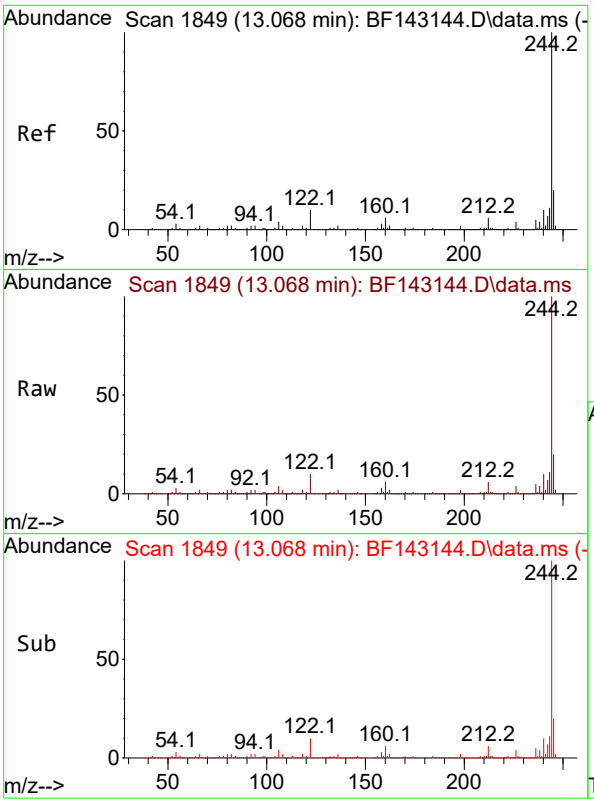


#78
Pyrene
Concen: 40.195 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:202 Resp: 1016822

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.7	23.5
203	17.7	14.2	21.2

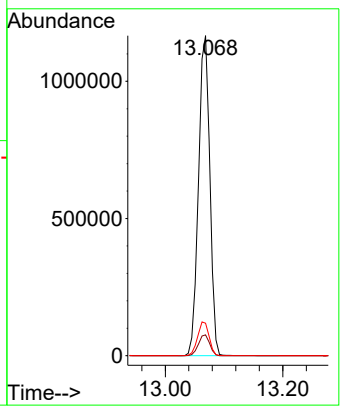




#79
Terphenyl-d14
Concen: 78.063 ng
RT: 13.068 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:244 Resp: 155492

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	10.2	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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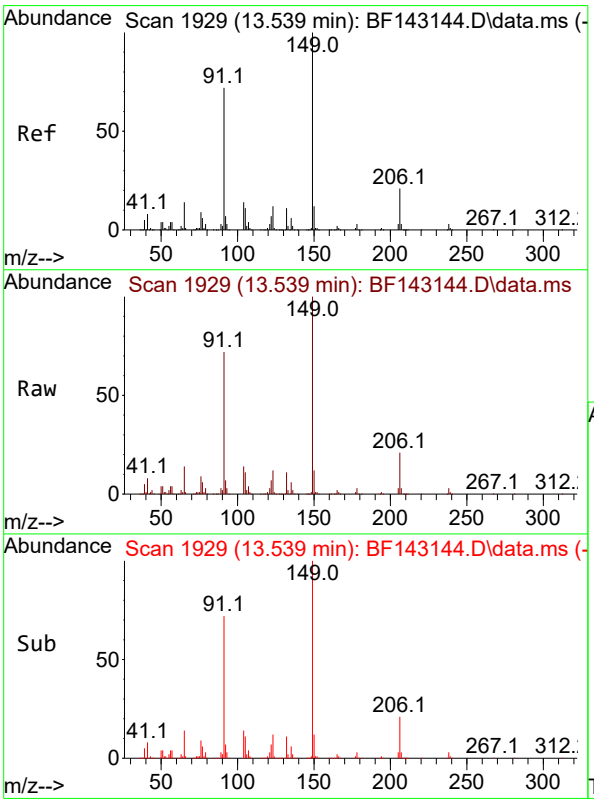
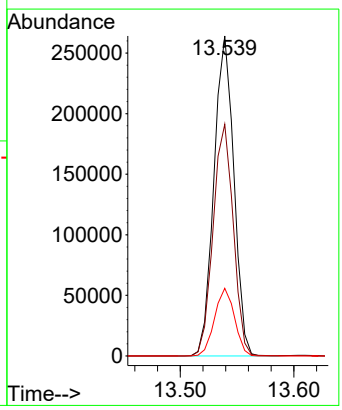
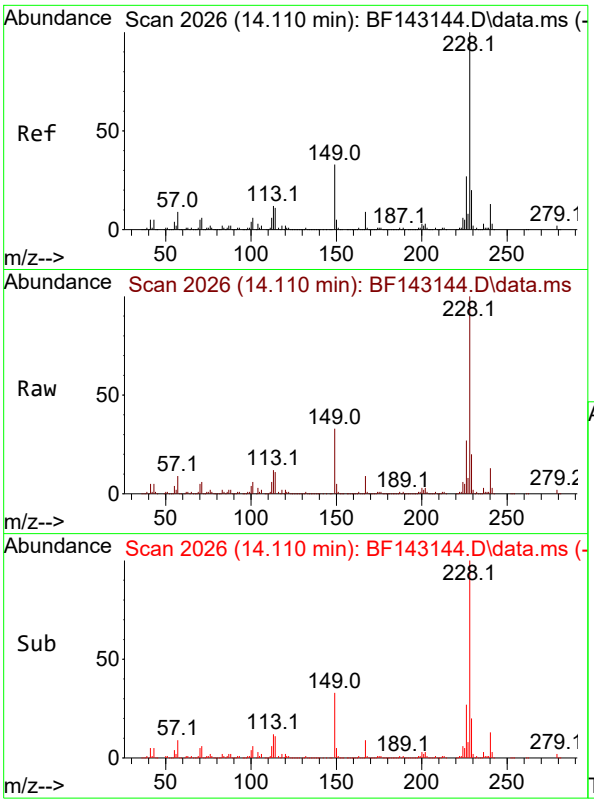


#80
Butylbenzylphthalate
Concen: 41.603 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:149 Resp: 322273

Ion	Ratio	Lower	Upper
149	100		
91	72.4	57.9	86.9
206	21.2	17.0	25.4

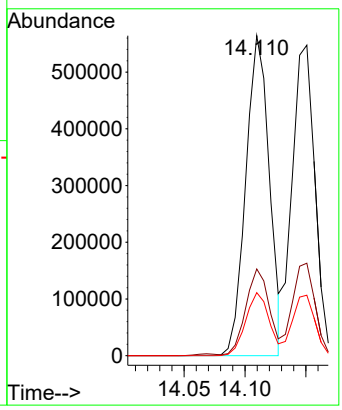




#81
Benzo(a)anthracene
Concen: 38.283 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:228 Resp: 75972

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.7	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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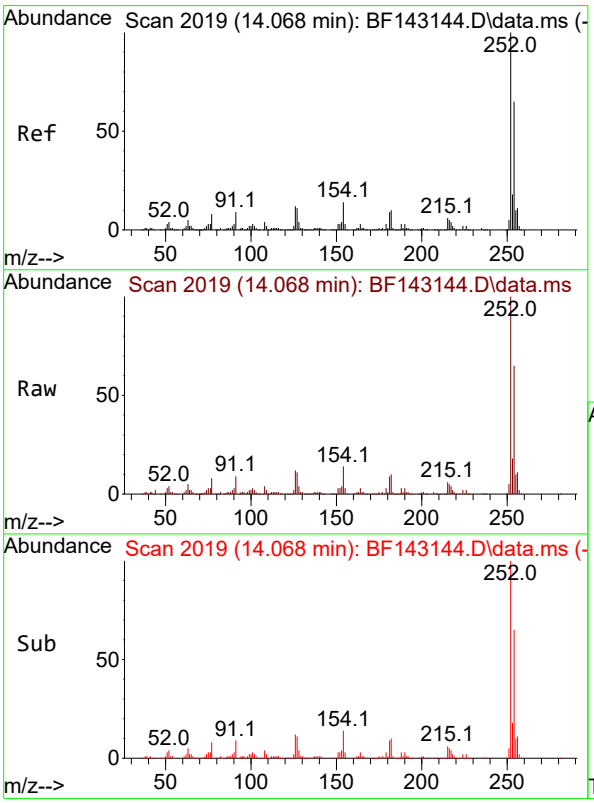
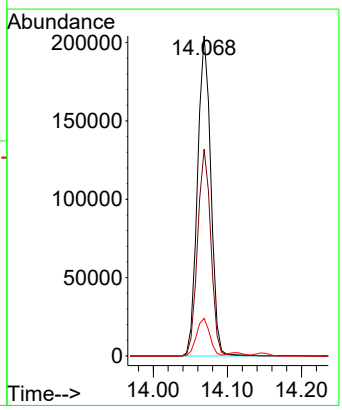
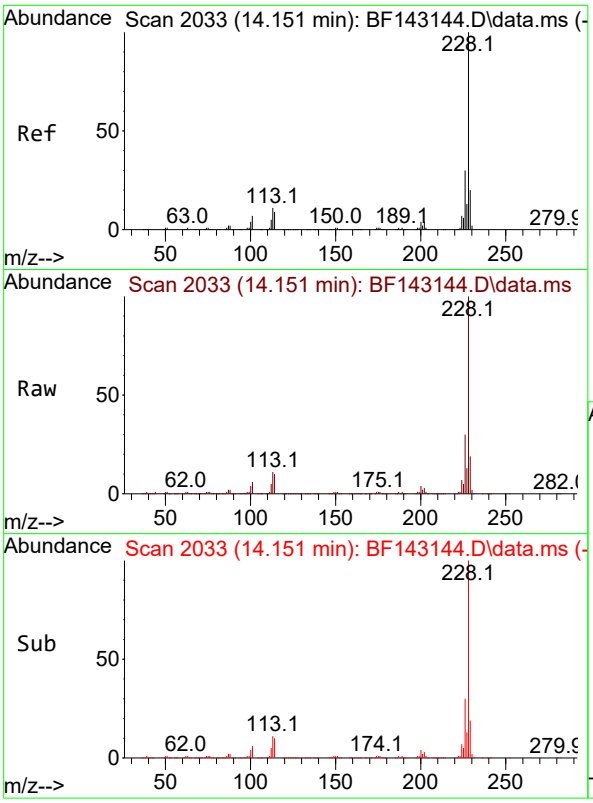


#82
3,3'-Dichlorobenzidine
Concen: 38.418 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:252 Resp: 254099

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	11.7	9.4	14.0

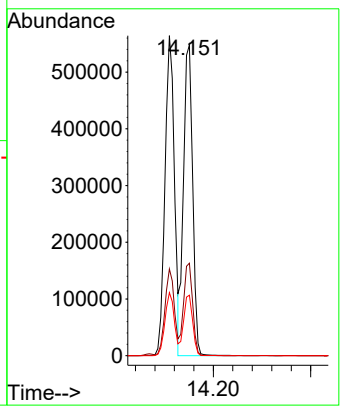




#83
Chrysene
Concen: 40.085 ng
RT: 14.151 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:228 Resp: 71522

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.5	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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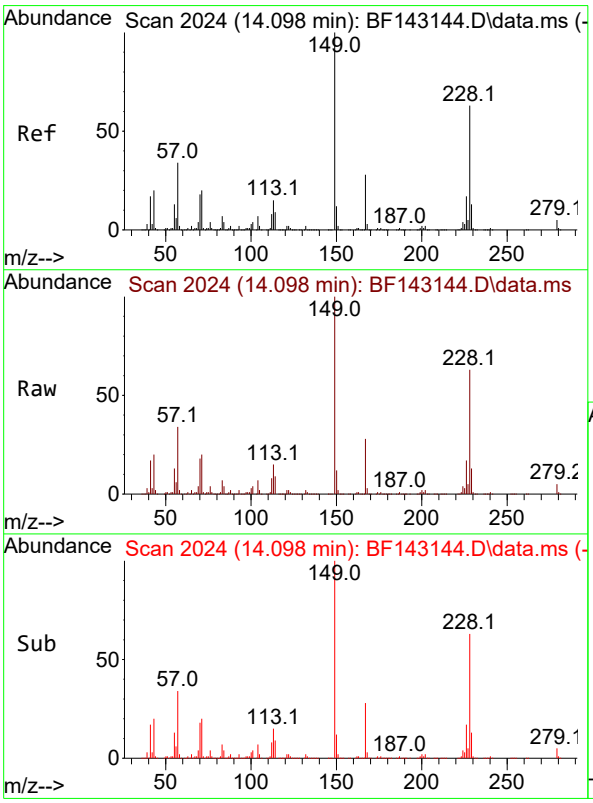
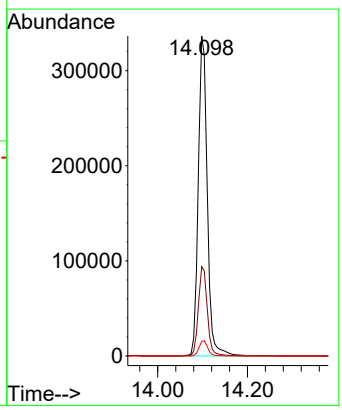
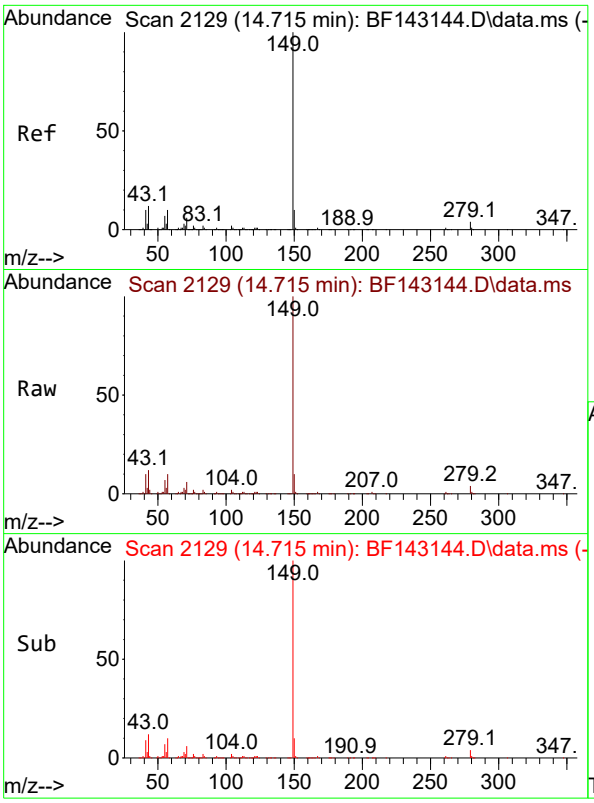


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.906 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:149 Resp: 467892

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.3	33.5
279	4.5	3.6	5.4

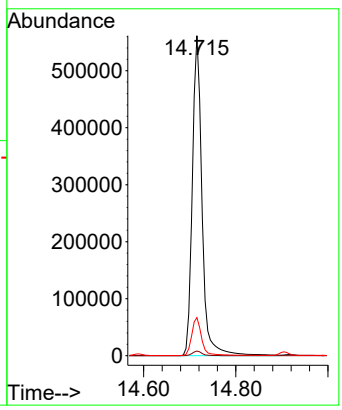




#85
Di-n-octyl phthalate
Concen: 38.595 ng
RT: 14.715 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:149 Resp: 82026

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	12.1	9.7	14.5



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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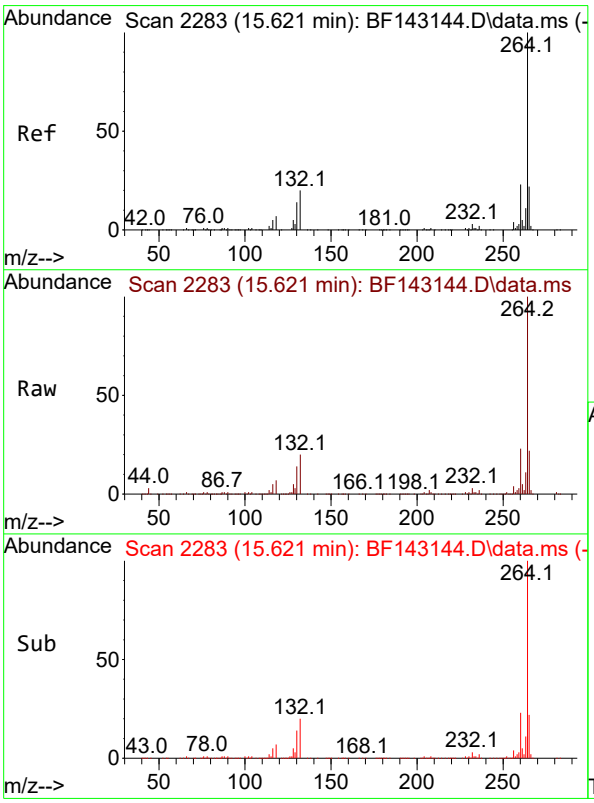
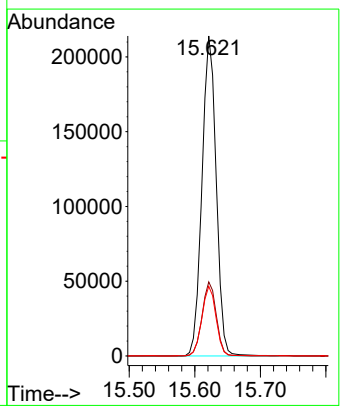
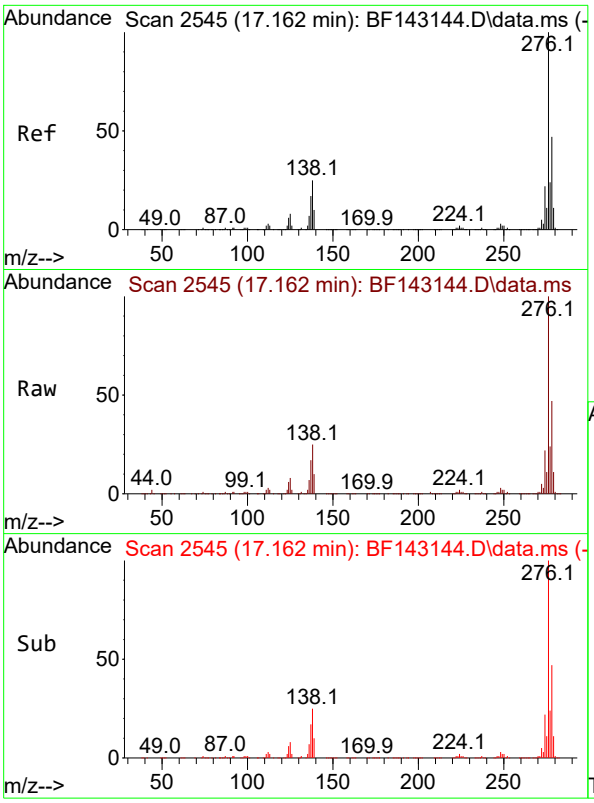


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:264 Resp: 323574

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.8	17.4	26.2

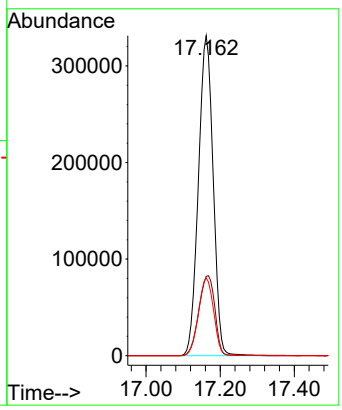




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.086 ng
RT: 17.162 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:276 Resp: 91462

Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.8	32.6
277	25.0	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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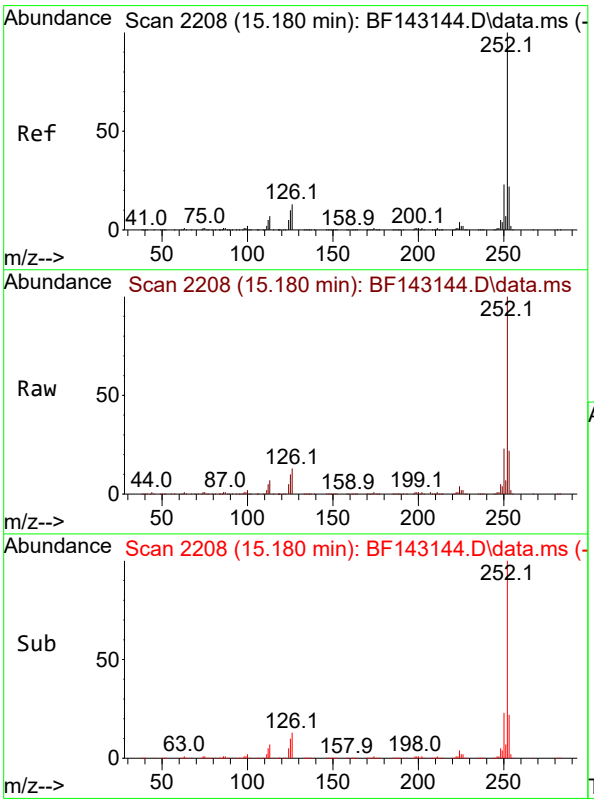
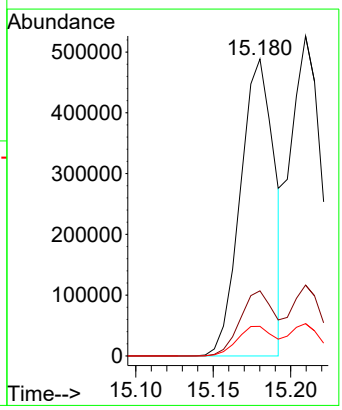
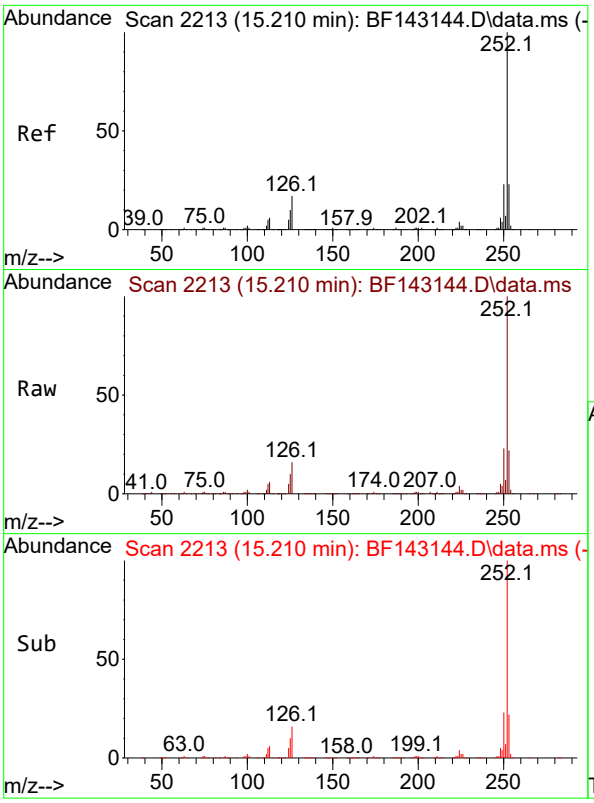


#88
Benzo(b)fluoranthene
Concen: 37.554 ng
RT: 15.180 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:252 Resp: 742346

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.0	8.0	12.0

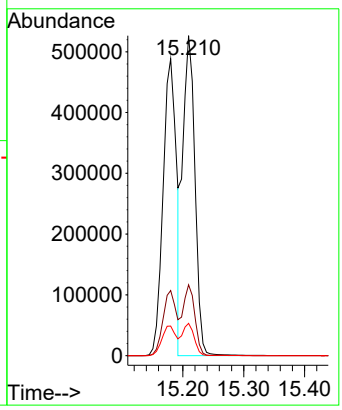




#89
Benzo(k)fluoranthene
Concen: 41.591 ng
RT: 15.210 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:252 Resp: 73363

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	10.1	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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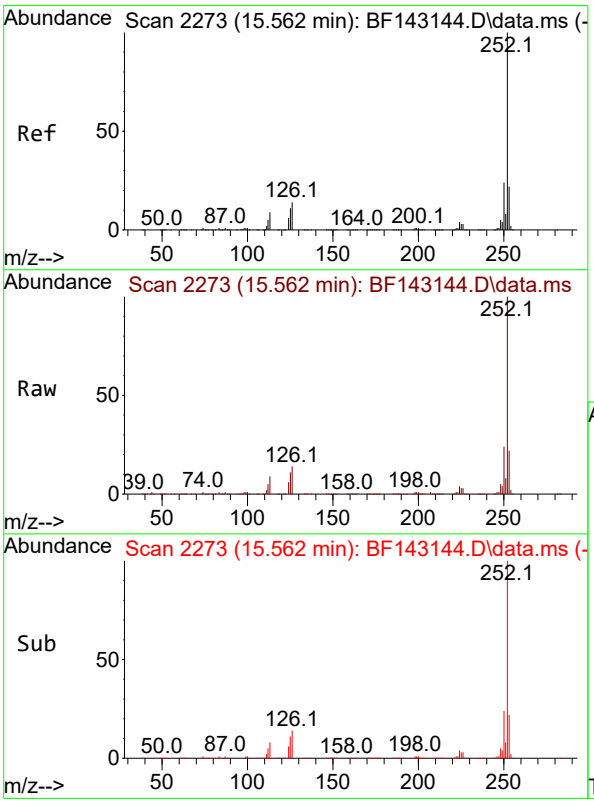
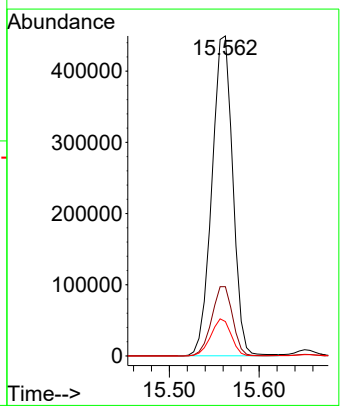
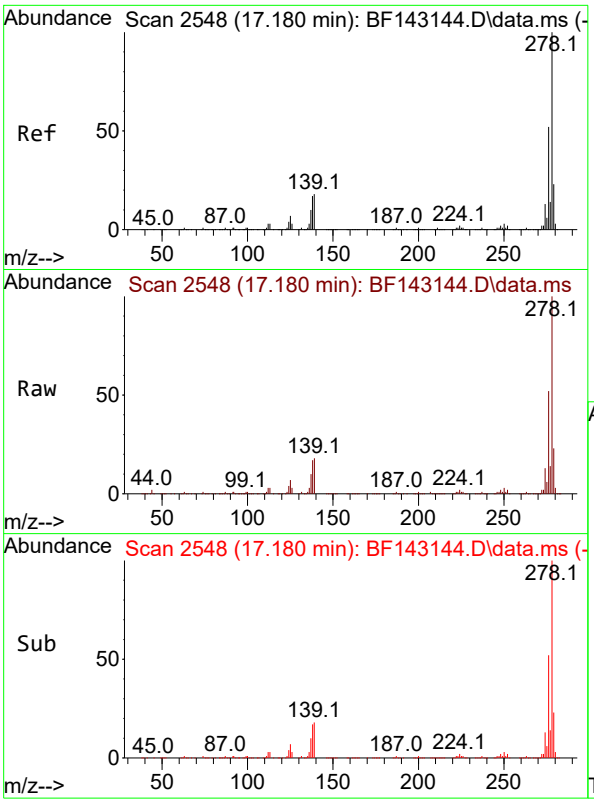


#90
Benzo(a)pyrene
Concen: 39.826 ng
RT: 15.562 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:252 Resp: 725344

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	10.8	8.6	13.0

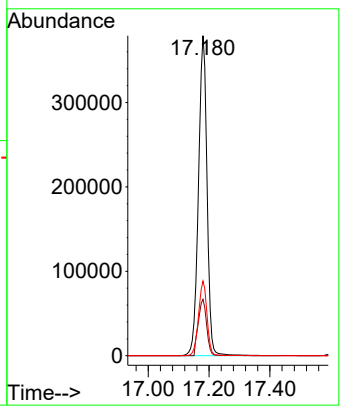




#91
Dibenzo(a,h)anthracene
Concen: 39.964 ng
RT: 17.180 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:278 Resp: 74218

Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.1	21.1
279	23.3	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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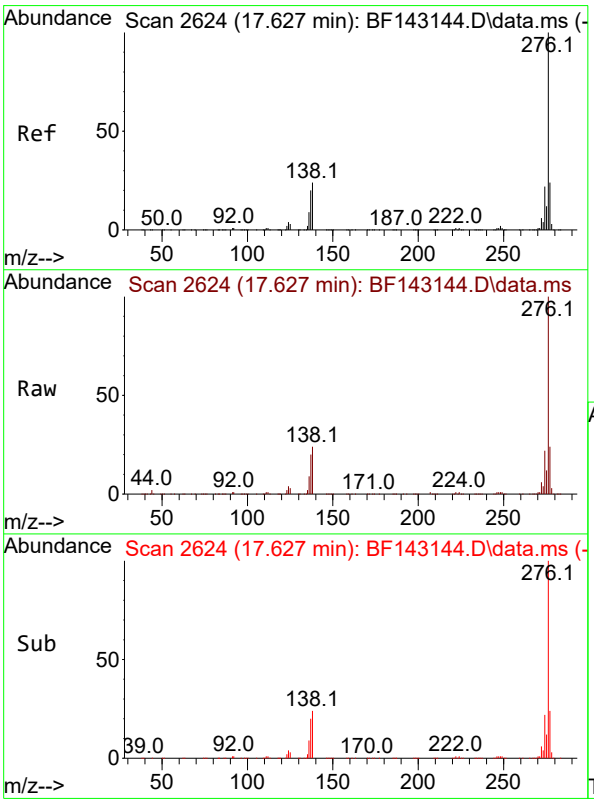
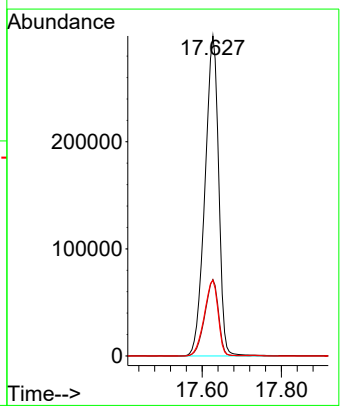


#92
Benzo(g,h,i)perylene
Concen: 39.949 ng
RT: 17.627 min Scan# 2624
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:276 Resp: 717648

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	23.6	18.9	28.3



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Data File : BF143145.D
Acq On : 17 Jul 2025 13:33
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 17 15:04:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	144385	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	555536	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	283657	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	447089	20.000	ng		0.00
76) Chrysene-d12	14.121	240	247878	20.000	ng		0.00
86) Perylene-d12	15.621	264	282289	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	927268	101.629	ng		0.00
7) Phenol-d6	6.587	99	1178468	102.615	ng		0.00
23) Nitrobenzene-d5	7.528	82	1158494	103.949	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	309465	105.607	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	2005894	96.712	ng		0.00
79) Terphenyl-d14	13.068	244	1663033	99.838	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.816	88	225749	52.289	ng		100
3) Pyridine	3.587	79	584060	52.122	ng		99
4) n-Nitrosodimethylamine	3.534	42	307202	53.098	ng		100
6) Aniline	6.628	93	827275	51.687	ng		100
8) 2-Chlorophenol	6.751	128	493989	51.652	ng		98
9) Benzaldehyde	6.516	77	509476	59.162	ng		99
10) Phenol	6.598	94	645540m	51.598	ng		
11) bis(2-Chloroethyl)ether	6.698	93	491371	51.295	ng		99
12) 1,3-Dichlorobenzene	6.910	146	529202	50.937	ng		99
13) 1,4-Dichlorobenzene	6.981	146	531696	50.818	ng		99
14) 1,2-Dichlorobenzene	7.134	146	510140	51.264	ng		100
15) Benzyl Alcohol	7.098	79	461379	52.616	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.239	45	908530	51.128	ng		99
17) 2-Methylphenol	7.204	107	418793	52.079	ng		100
18) Hexachloroethane	7.481	117	189394	52.289	ng		99
19) n-Nitroso-di-n-propyla...	7.381	70	369367	50.131	ng		99
20) 3+4-Methylphenols	7.363	107	506069	51.870	ng	#	89
22) Acetophenone	7.369	105	661017	50.258	ng		98
24) Nitrobenzene	7.545	77	538666	51.843	ng		100
25) Isophorone	7.786	82	1018783	51.783	ng		99
26) 2-Nitrophenol	7.857	139	252169	55.920	ng		98
27) 2,4-Dimethylphenol	7.892	122	469819	51.112	ng		100
28) bis(2-Chloroethoxy)met...	7.986	93	597241	50.631	ng		100
29) 2,4-Dichlorophenol	8.098	162	401336	51.773	ng		99
30) 1,2,4-Trichlorobenzene	8.186	180	420763	50.242	ng		99
31) Naphthalene	8.269	128	1369627	50.060	ng		100
32) Benzoic acid	7.998	122	273361m	52.352	ng		
33) 4-Chloroaniline	8.310	127	566422	50.703	ng		99
34) Hexachlorobutadiene	8.392	225	260787	50.976	ng		99
35) Caprolactam	8.680	113	126050	53.811	ng		96
36) 4-Chloro-3-methylphenol	8.786	107	431745	51.242	ng		98
37) 2-Methylnaphthalene	8.957	142	837820	50.324	ng		100
38) 1-Methylnaphthalene	9.057	142	862300	50.298	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	412916	50.420	ng		100
41) Hexachlorocyclopentadiene	9.116	237	286805	53.823	ng		99
43) 2,4,6-Trichlorophenol	9.228	196	304466	53.718	ng		100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143145.D
Acq On : 17 Jul 2025 13:33
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 17 15:04:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	291607	51.434	ng	99
46) 1,1'-Biphenyl	9.422	154	1101317	49.764	ng	99
47) 2-Chloronaphthalene	9.445	162	826749	50.488	ng	100
48) 2-Nitroaniline	9.533	65	281082	54.736	ng	99
49) Acenaphthylene	9.863	152	1388721	50.605	ng	100
50) Dimethylphthalate	9.716	163	939863	50.832	ng	100
51) 2,6-Dinitrotoluene	9.775	165	205147	54.541	ng	98
52) Acenaphthene	10.033	154	818783	50.481	ng	100
53) 3-Nitroaniline	9.945	138	236959	53.861	ng	99
54) 2,4-Dinitrophenol	10.045	184	81983	50.750	ng	98
55) Dibenzofuran	10.204	168	1204088	50.001	ng	99
56) 4-Nitrophenol	10.086	139	177408	54.001	ng	98
57) 2,4-Dinitrotoluene	10.180	165	264045	55.954	ng	95
58) Fluorene	10.551	166	891646	49.335	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	248745	52.965	ng	100
60) Diethylphthalate	10.416	149	942625	51.580	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	449168	49.911	ng	99
62) 4-Nitroaniline	10.557	138	205210	54.424	ng	99
63) Azobenzene	10.698	77	966931	50.766	ng	100
65) 4,6-Dinitro-2-methylph...	10.586	198	122876	51.927	ng	100
66) n-Nitrosodiphenylamine	10.657	169	811422	51.540	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	275679	51.741	ng	98
68) Hexachlorobenzene	11.098	284	288405	51.788	ng	100
69) Atrazine	11.180	200	232907	53.662	ng	99
70) Pentachlorophenol	11.286	266	178753	54.581	ng	99
71) Phenanthrene	11.510	178	1194582	50.321	ng	100
72) Anthracene	11.563	178	1223920	50.552	ng	100
73) Carbazole	11.710	167	1076803	50.934	ng	100
74) Di-n-butylphthalate	12.045	149	1250841	52.290	ng	100
75) Fluoranthene	12.698	202	1093890	50.203	ng	100
77) Benzidine	12.810	184	431944	45.229	ng	100
78) Pyrene	12.927	202	1078520	50.982	ng	100
80) Butylbenzylphthalate	13.539	149	360698	55.681	ng	98
81) Benzo(a)anthracene	14.110	228	880975	53.085	ng	99
82) 3,3'-Dichlorobenzidine	14.068	252	294836	53.305	ng	99
83) Chrysene	14.151	228	754953	50.597	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	534128	54.475	ng	100
85) Di-n-octyl phthalate	14.715	149	960309	54.032	ng	99
87) Indeno(1,2,3-cd)pyrene	17.168	276	1061877	53.347	ng	99
88) Benzo(b)fluoranthene	15.180	252	953990	55.319	ng	100
89) Benzo(k)fluoranthene	15.209	252	754417	49.024	ng	99
90) Benzo(a)pyrene	15.562	252	840968	52.928	ng	100
91) Dibenzo(a,h)anthracene	17.186	278	861467	53.172	ng	99
92) Benzo(g,h,i)perylene	17.633	276	843865	53.845	ng	100

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

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143145.D
Acq On : 17 Jul 2025 13:33
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 17 15:04:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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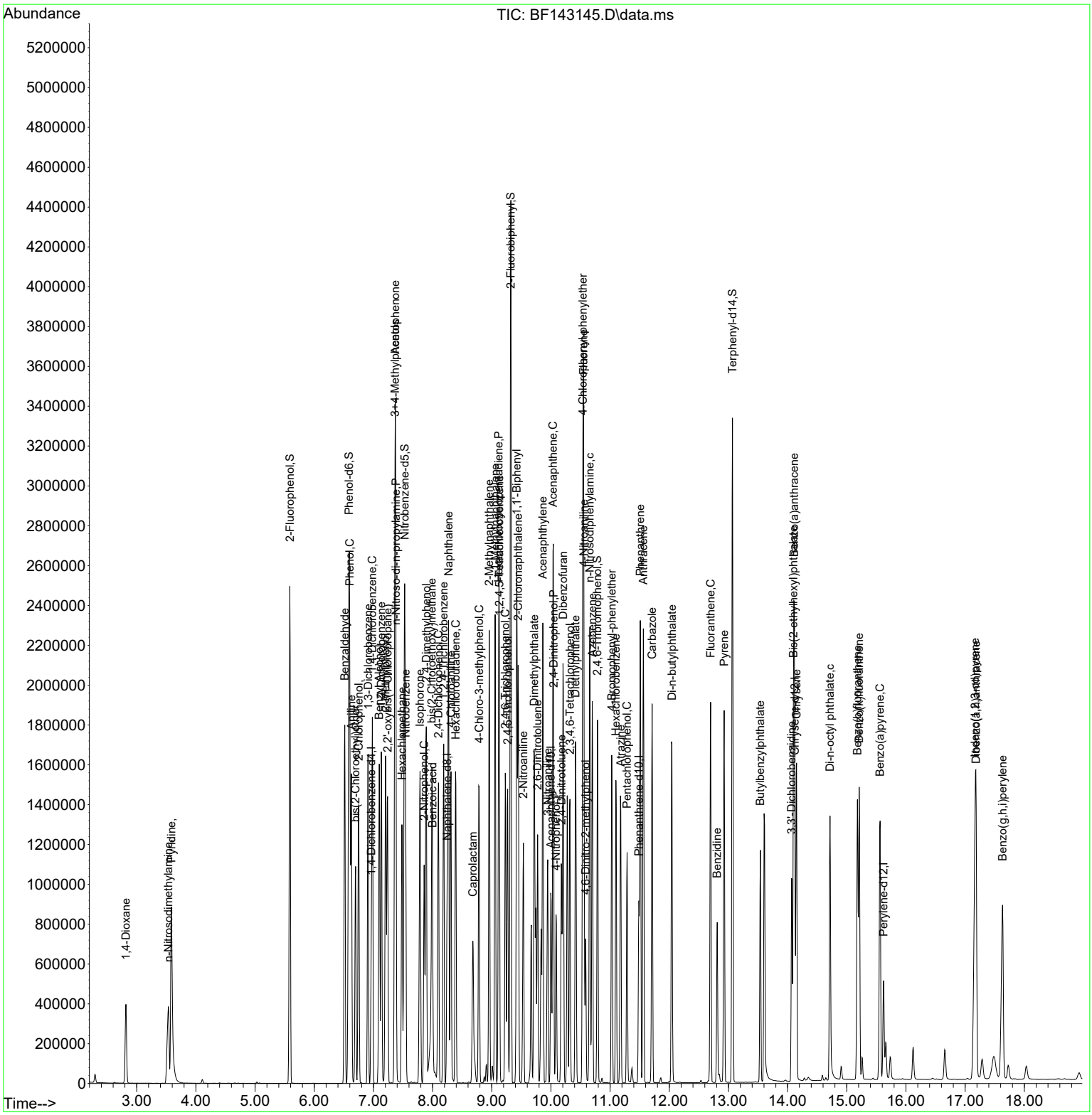
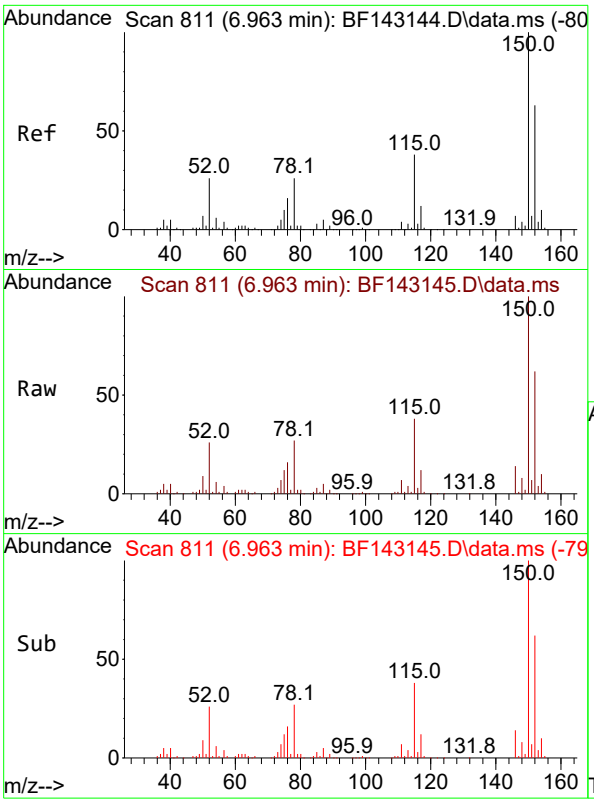
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

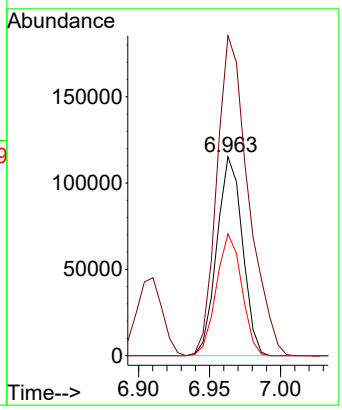




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:152 Resp: 14438

Ion	Ratio	Lower	Upper
152	100		
150	160.9	128.2	192.4
115	61.2	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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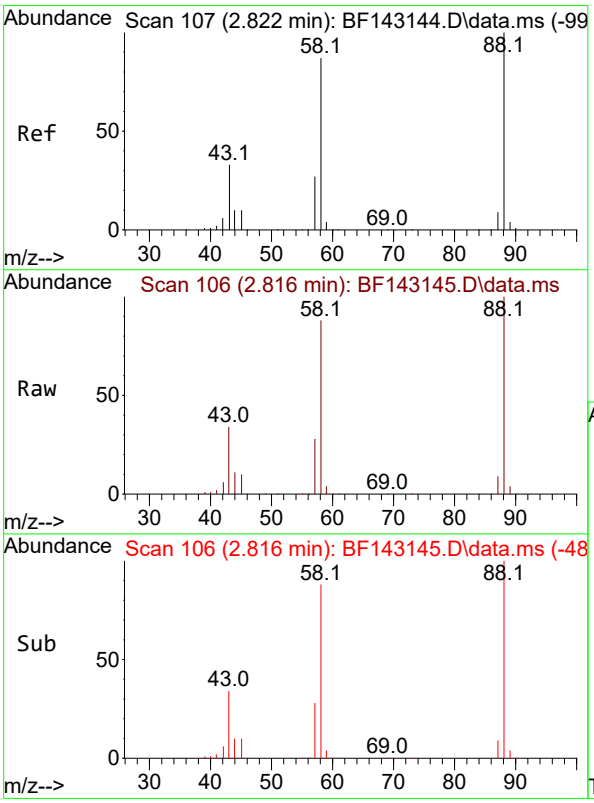
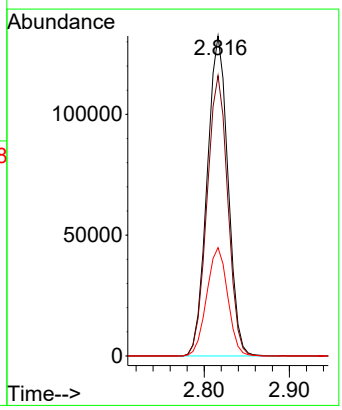
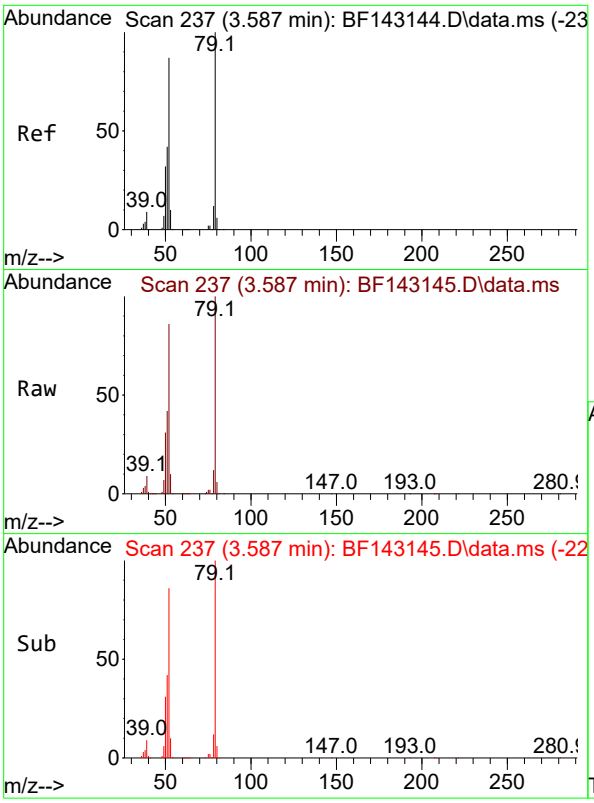


#2
1,4-Dioxane
Concen: 52.289 ng
RT: 2.816 min Scan# 106
Delta R.T. -0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 88 Resp: 225749

Ion	Ratio	Lower	Upper
88	100		
58	87.3	70.2	105.2
43	34.0	27.1	40.7

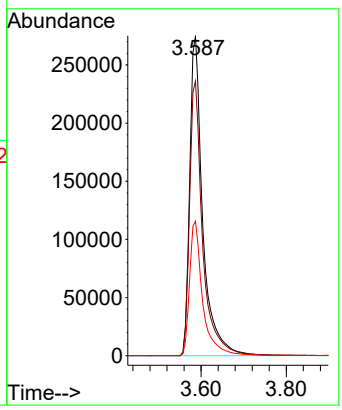




#3
Pyridine
Concen: 52.122 ng
RT: 3.587 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 79 Resp: 58406

Ion	Ratio	Lower	Upper
79	100		
52	85.8	69.4	104.2
51	42.0	33.5	50.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
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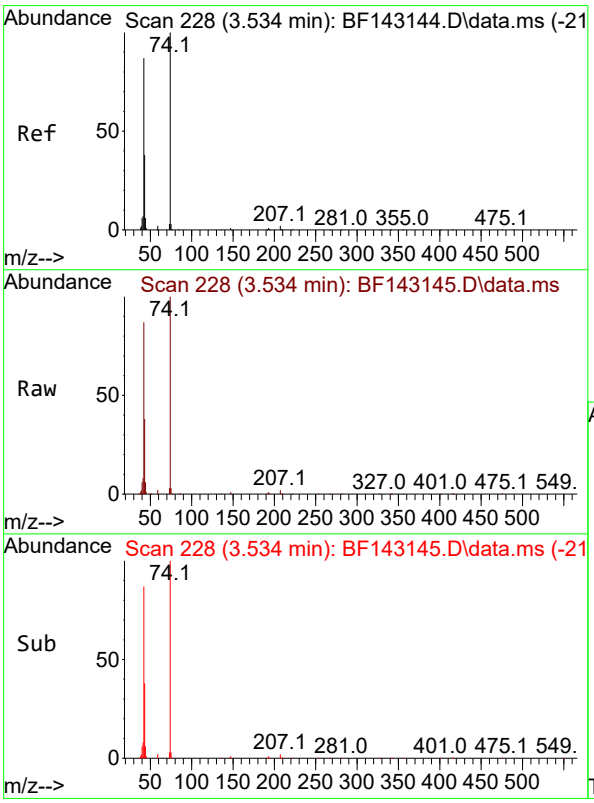
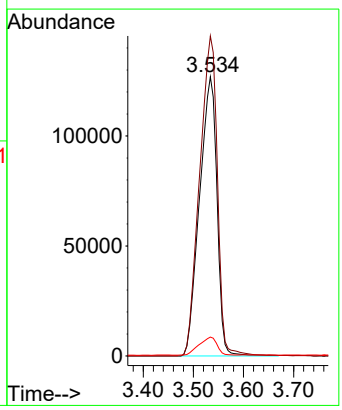
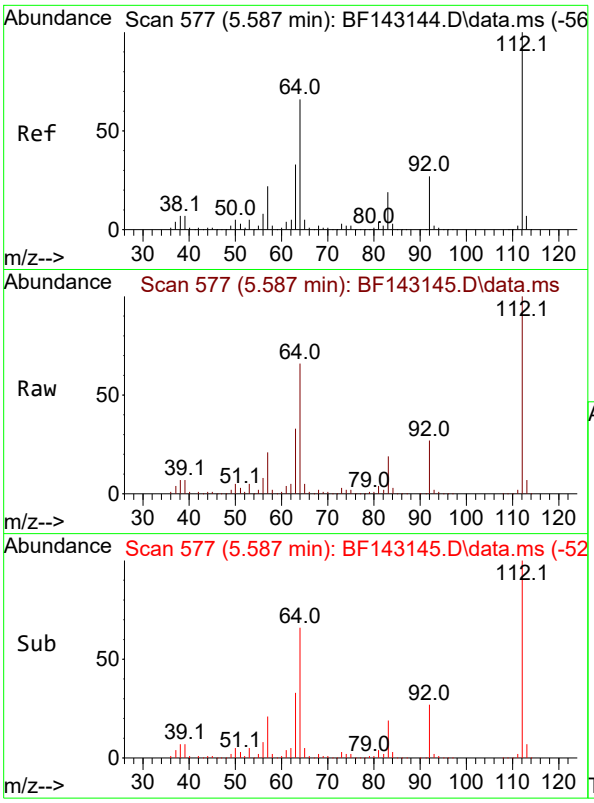


#4
n-Nitrosodimethylamine
Concen: 53.098 ng
RT: 3.534 min Scan# 228
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 42 Resp: 307202

Ion	Ratio	Lower	Upper
42	100		
74	114.6	91.7	137.5
44	6.8	5.6	8.4

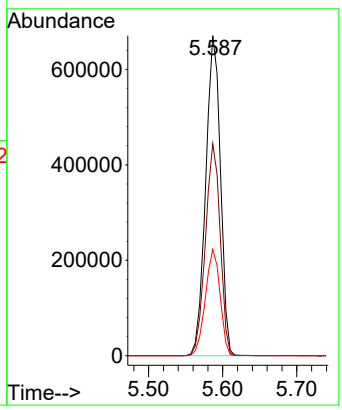




#5
2-Fluorophenol
Concen: 101.629 ng
RT: 5.587 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:112 Resp: 92726

Ion	Ratio	Lower	Upper
112	100		
64	66.3	53.1	79.7
63	33.2	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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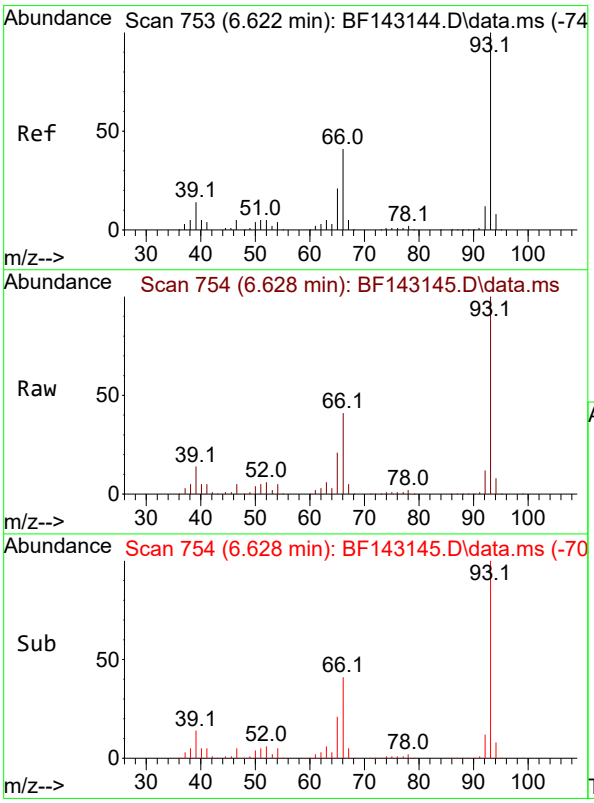
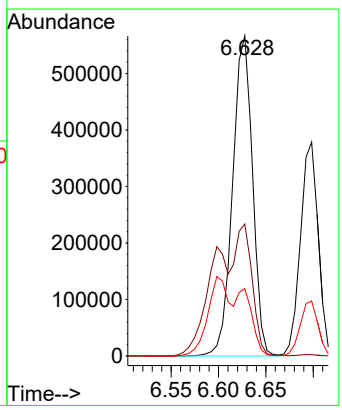
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

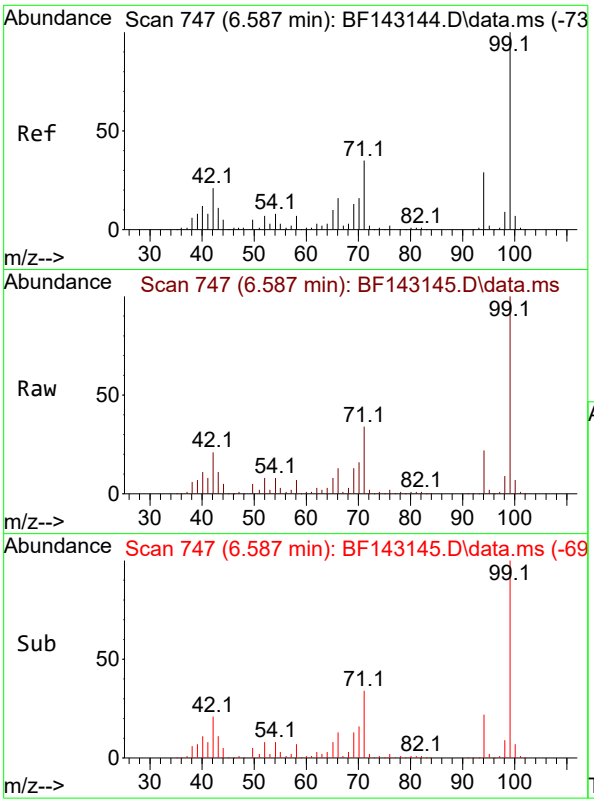


#6
Aniline
Concen: 51.687 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 93 Resp: 827275

Ion	Ratio	Lower	Upper
93	100		
66	41.2	33.2	49.8
65	21.1	16.9	25.3

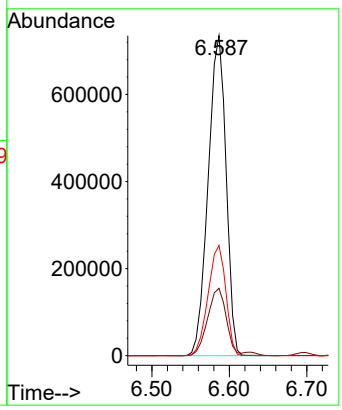




#7
Phenol-d6
Concen: 102.615 ng
RT: 6.587 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 99 Resp: 117846

Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.0	25.6
71	34.4	27.7	41.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
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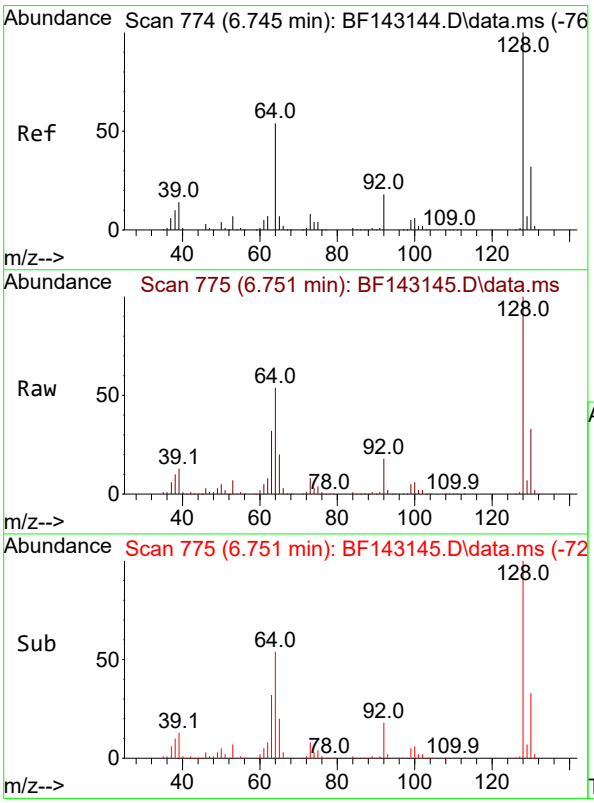
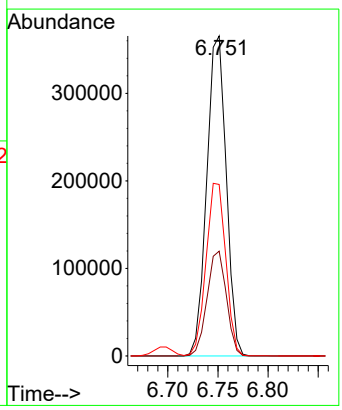
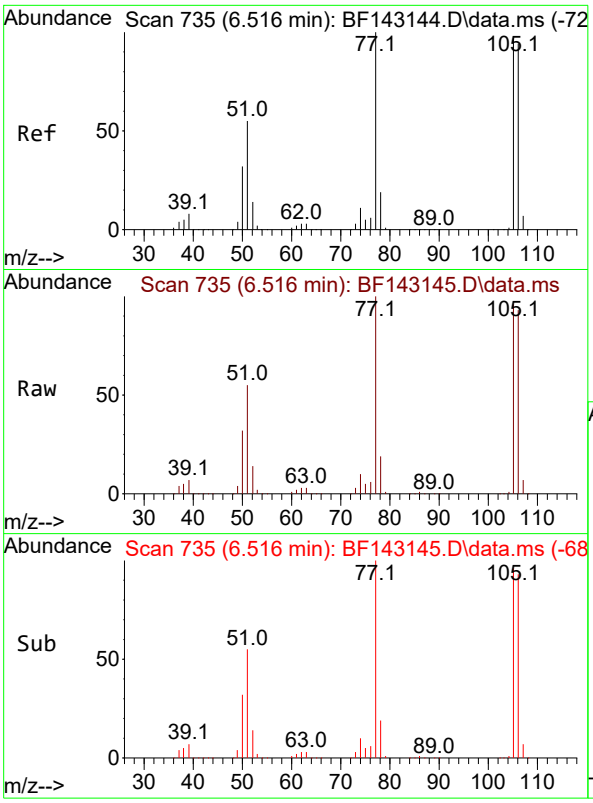


#8
2-Chlorophenol
Concen: 51.652 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:128 Resp: 493989

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.3	52.3
64	53.6	35.9	75.9

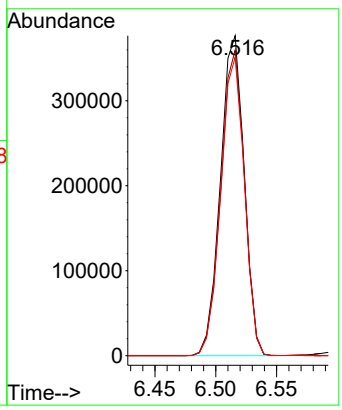




#9
Benzaldehyde
Concen: 59.162 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 77 Resp: 50947

Ion	Ratio	Lower	Upper
77	100		
105	95.5	76.8	116.8
106	93.3	74.4	114.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

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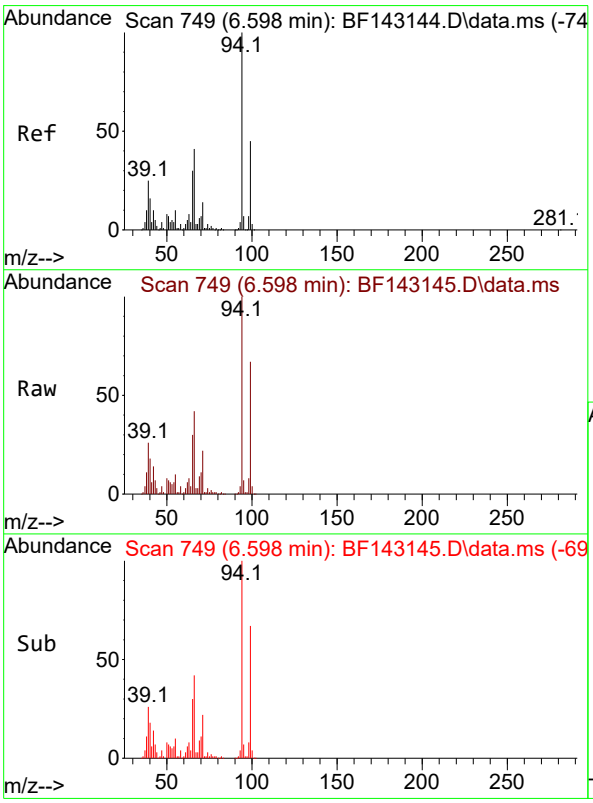
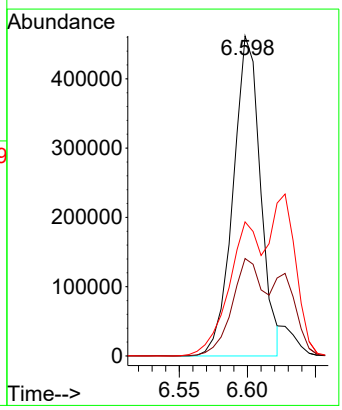
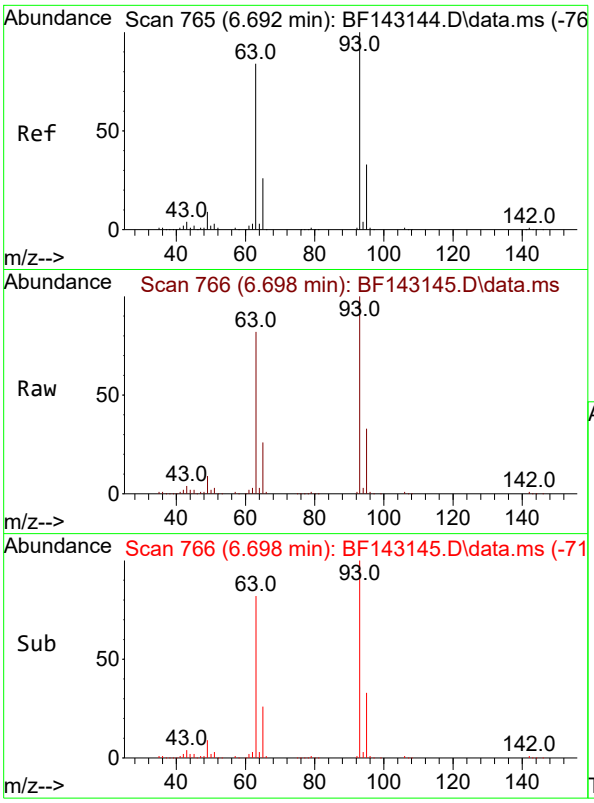


#10
Phenol
Concen: 51.598 ng m
RT: 6.598 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 94 Resp: 645540

Ion	Ratio	Lower	Upper
94	100		
65	30.5	10.0	50.0
66	41.9	20.8	60.8

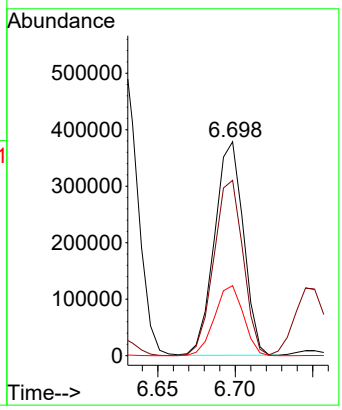




#11
bis(2-Chloroethyl)ether
Concen: 51.295 ng
RT: 6.698 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 93 Resp: 49137

Ion	Ratio	Lower	Upper
93	100		
63	82.0	63.4	103.4
95	32.8	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

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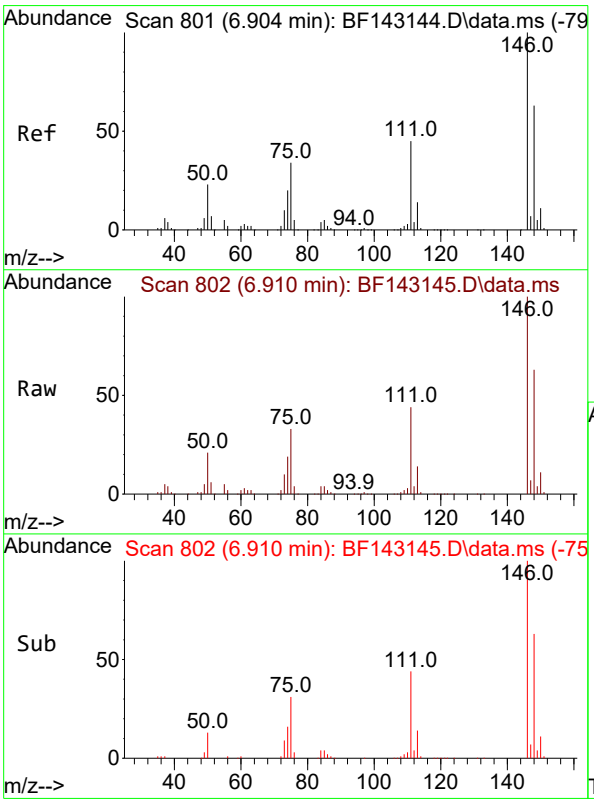
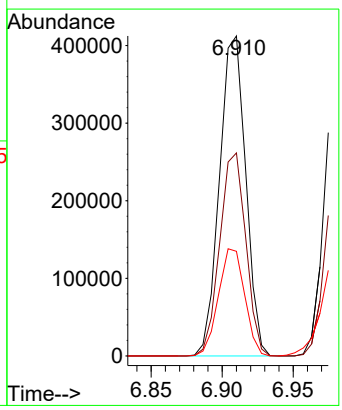
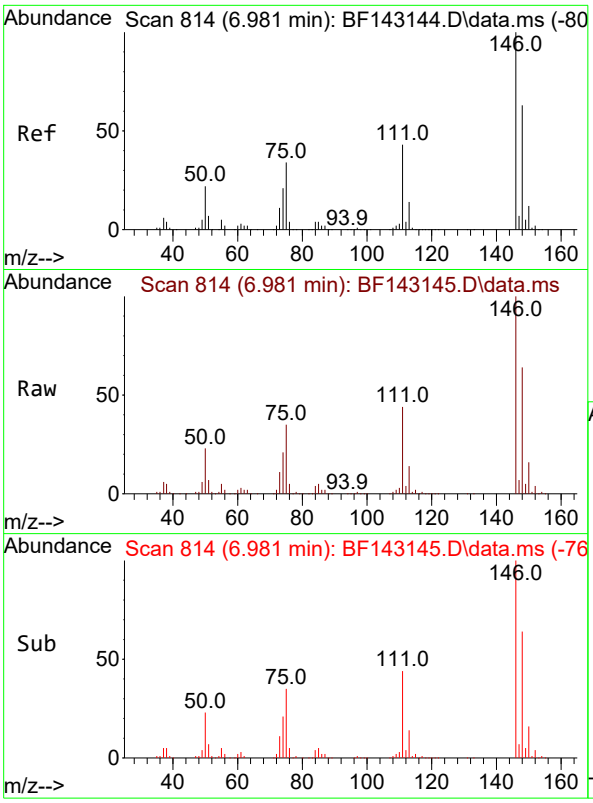


#12
1,3-Dichlorobenzene
Concen: 50.937 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:146 Resp: 529202

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	76.0
75	32.7	27.4	41.2

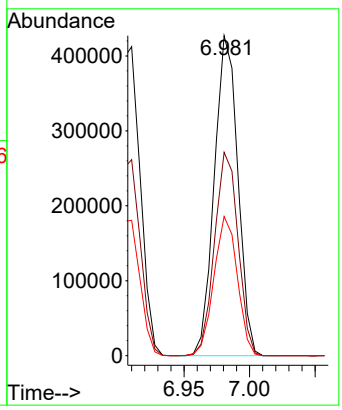




#13
1,4-Dichlorobenzene
Concen: 50.818 ng
RT: 6.981 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:146 Resp: 53169

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.3	75.5
111	43.5	34.4	51.6



Instrument :
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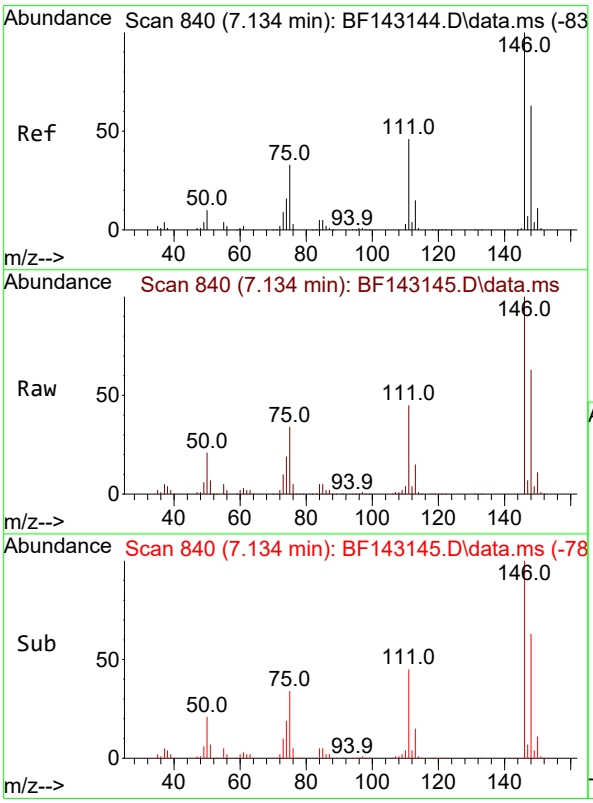
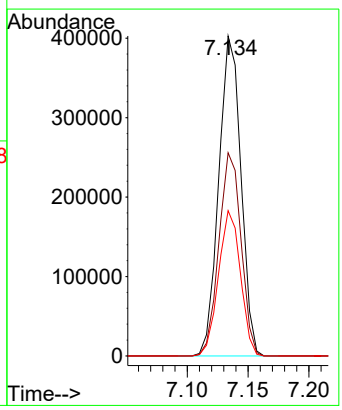
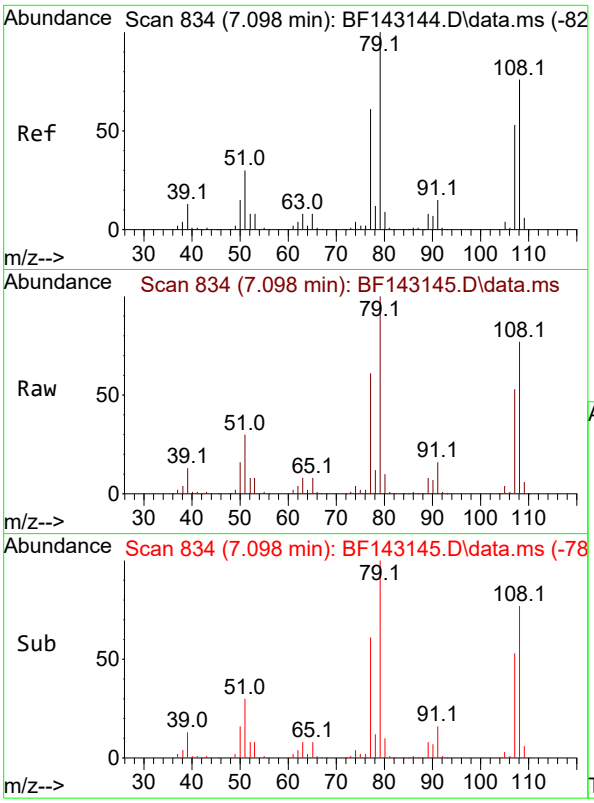


#14
1,2-Dichlorobenzene
Concen: 51.264 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:146 Resp: 510140

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.7	76.1
111	45.4	36.6	54.8

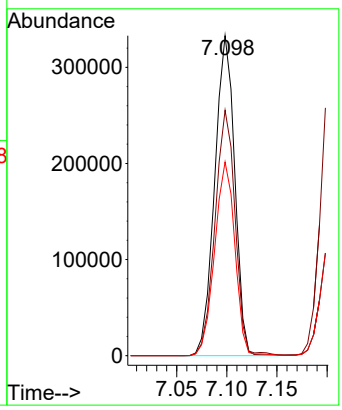




#15
Benzyl Alcohol
Concen: 52.616 ng
RT: 7.098 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 79 Resp: 46137

Ion	Ratio	Lower	Upper
79	100		
108	76.7	61.1	91.7
77	60.6	48.9	73.3



Instrument :
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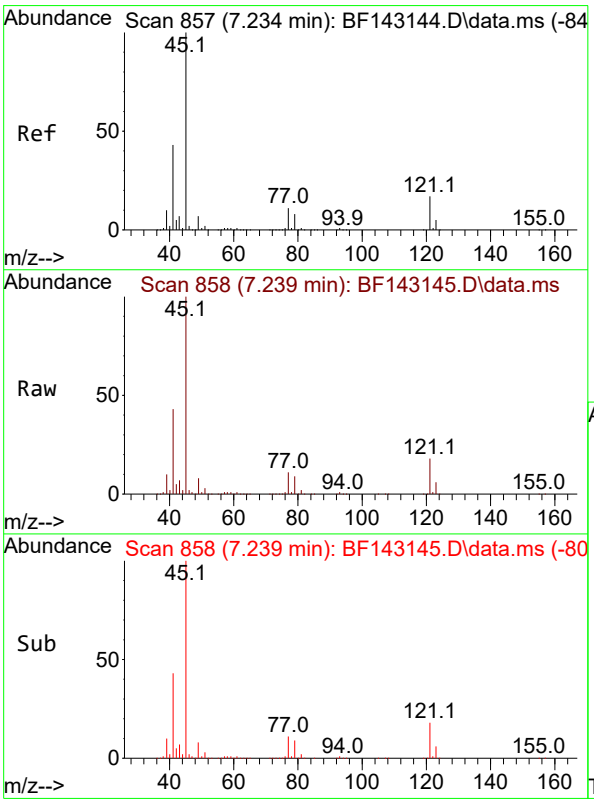
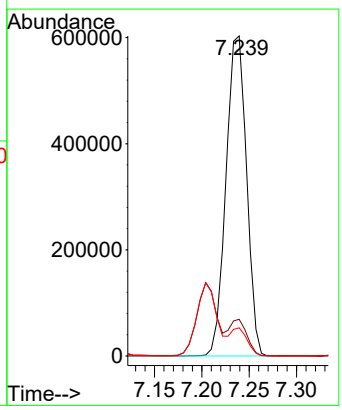
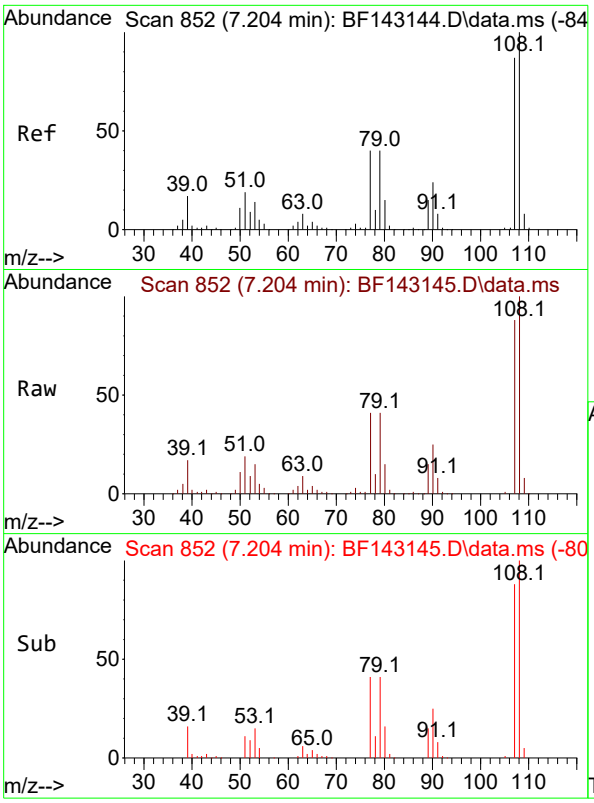


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.128 ng
RT: 7.239 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 45 Resp: 908530

Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	31.2
79	8.8	0.0	28.5

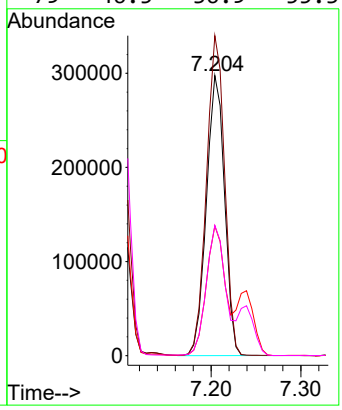




#17
2-Methylphenol
Concen: 52.079 ng
RT: 7.204 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:107 Resp: 41879

Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.8	137.6
77	46.3	37.0	55.6
79	46.5	36.9	55.3



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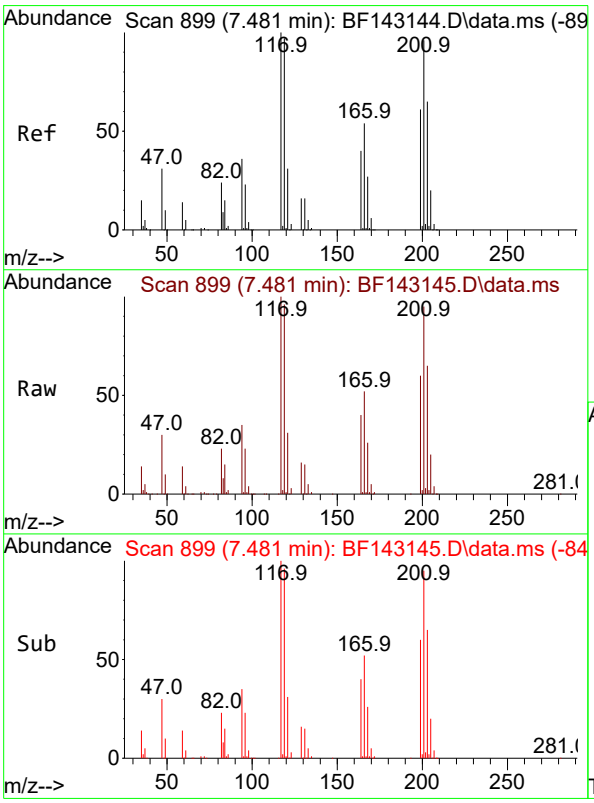
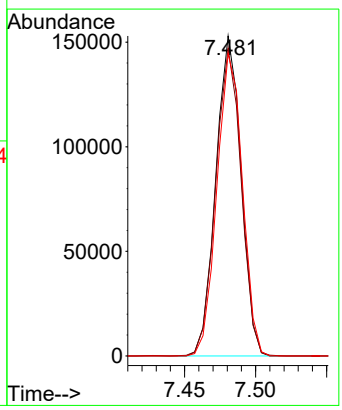
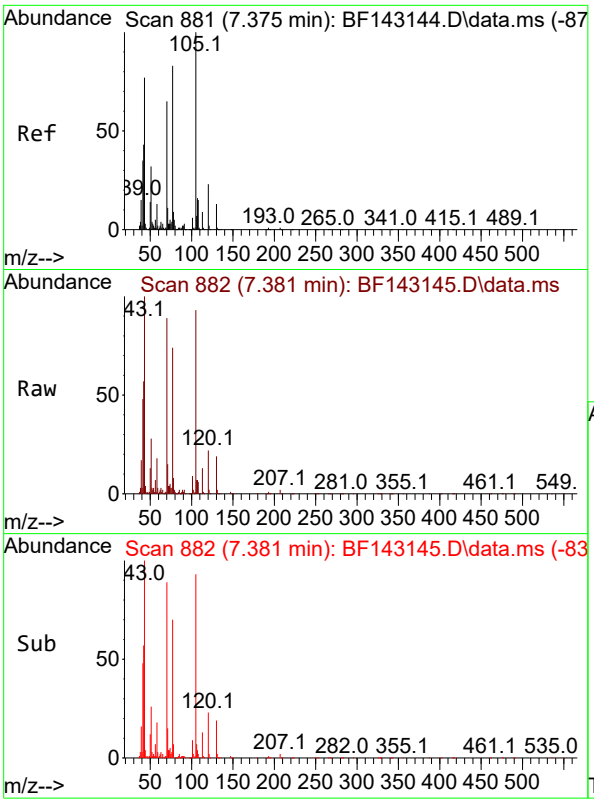


#18
Hexachloroethane
Concen: 52.289 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:117 Resp: 189394

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.8	116.8
201	94.5	77.0	115.4

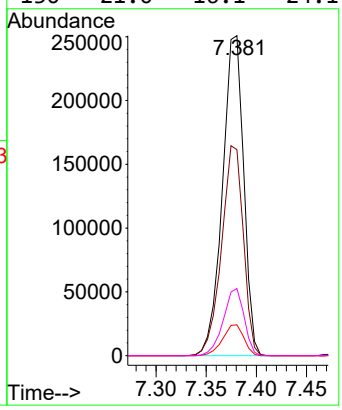




#19
n-Nitroso-di-n-propylamine
Concen: 50.131 ng
RT: 7.381 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 70 Resp: 36936

Ion	Ratio	Lower	Upper
70	100		
42	64.4	52.5	78.7
101	9.7	7.6	11.4
130	21.0	16.1	24.1



Instrument :
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ClientSampleId :
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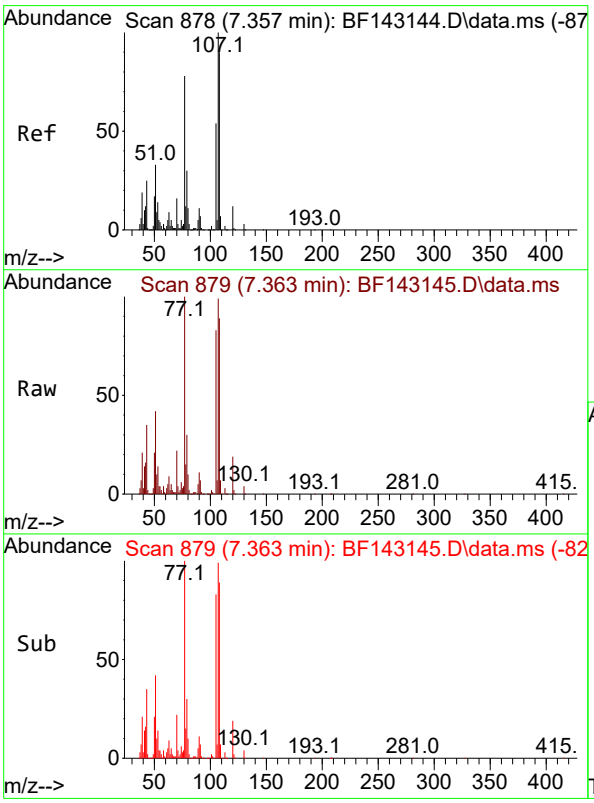
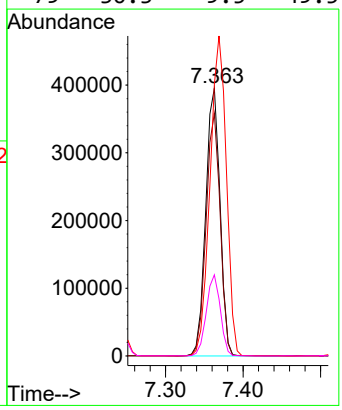
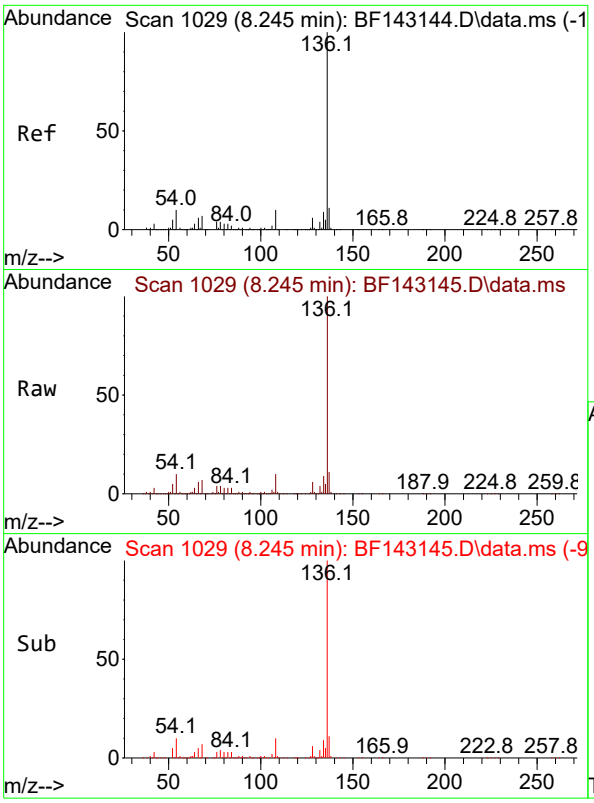


#20
3+4-Methylphenols
Concen: 51.870 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:107 Resp: 506069

Ion	Ratio	Lower	Upper
107	100		
108	90.7	70.0	110.0
77	101.5	57.8	97.8#
79	30.3	9.5	49.5

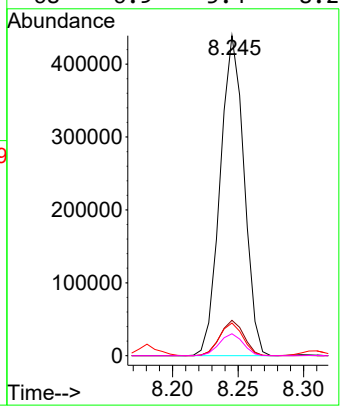




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:136 Resp: 55553

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.2	8.2	12.2
68	6.9	5.4	8.2



Instrument :
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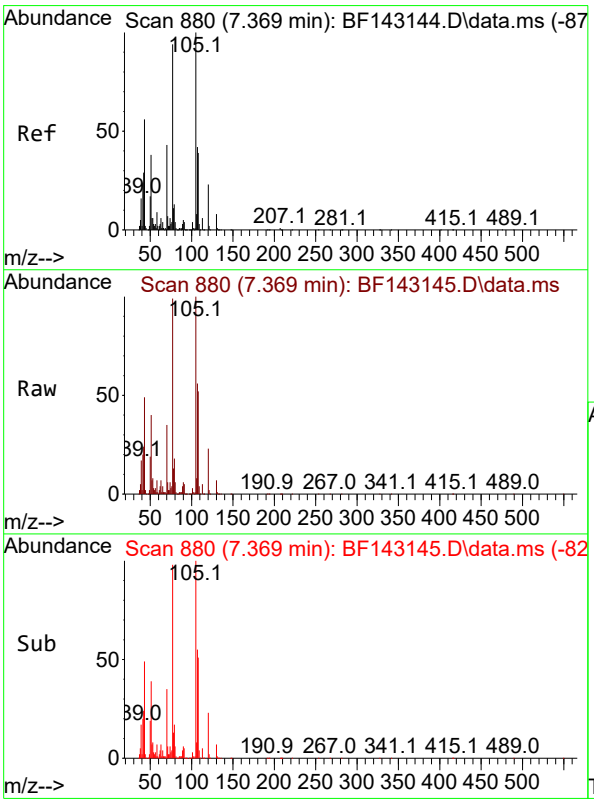
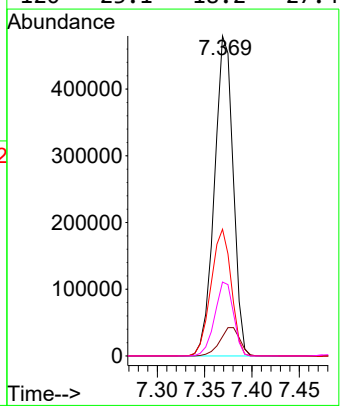
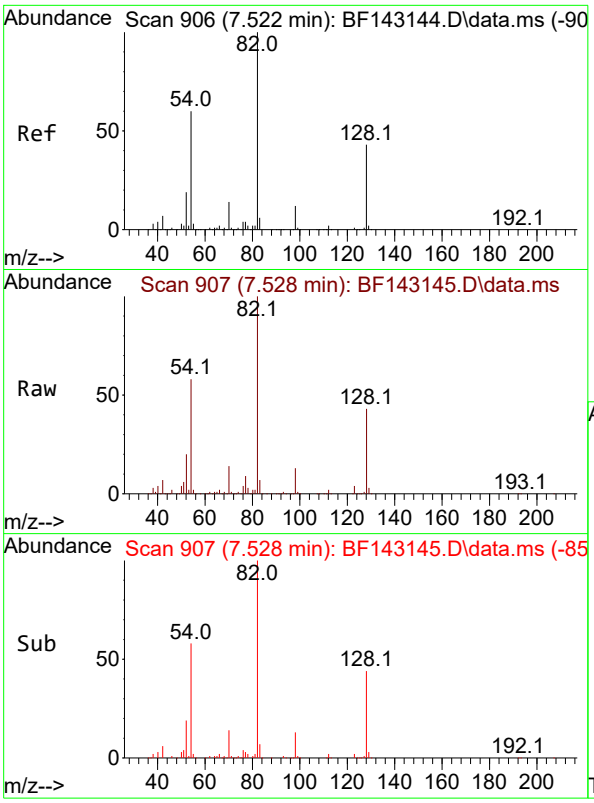


#22
Acetophenone
Concen: 50.258 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:105 Resp: 661017

Ion	Ratio	Lower	Upper
105	100		
71	6.0	5.8	8.6
51	39.6	30.2	45.2
120	23.1	18.2	27.4





#23
Nitrobenzene-d5
Concen: 103.949 ng
RT: 7.528 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 82 Resp: 115849

Ion	Ratio	Lower	Upper
82	100		
128	43.5	33.6	50.4
54	58.2	47.1	70.7

Instrument :
BNA_F
ClientSampleId :
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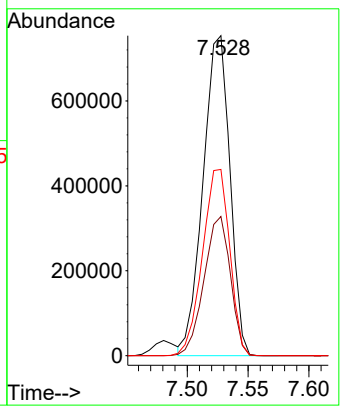
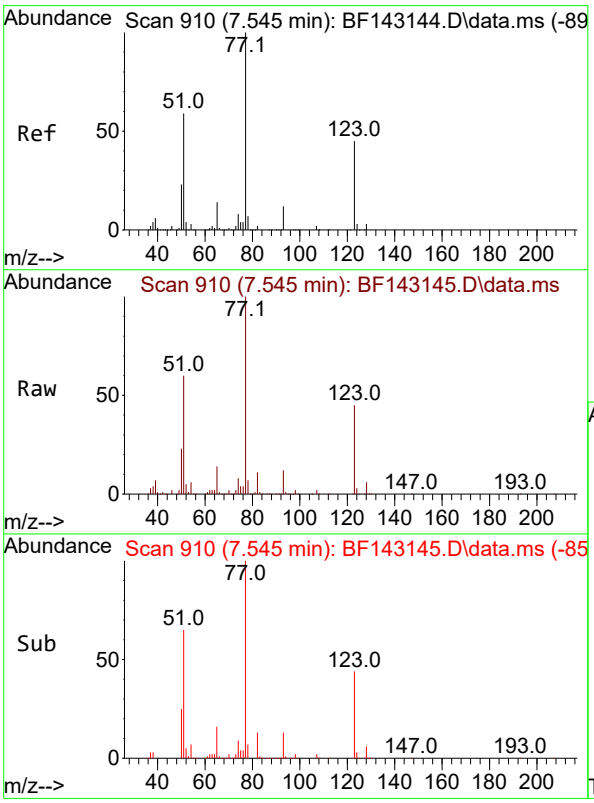
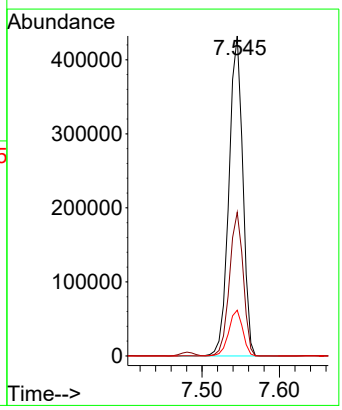


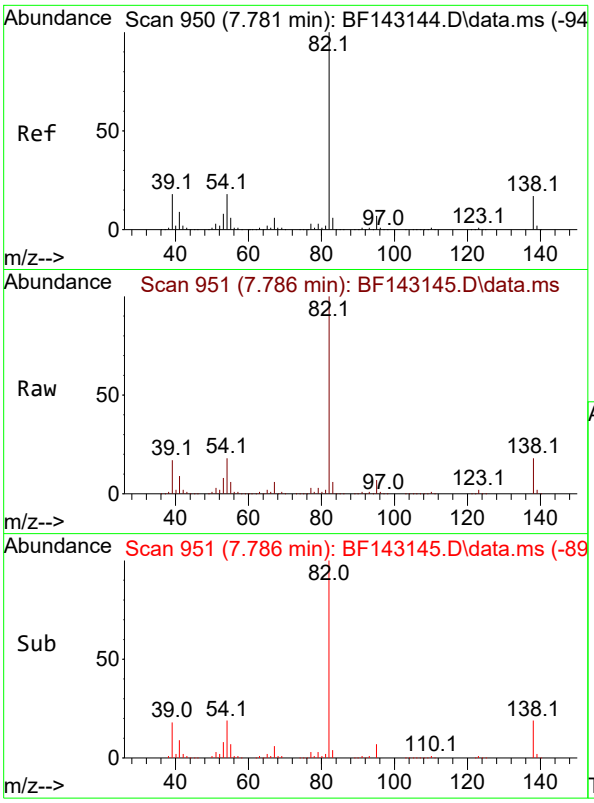


#24
Nitrobenzene
Concen: 51.843 ng
RT: 7.545 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 77 Resp: 538666

Ion	Ratio	Lower	Upper
77	100		
123	44.9	36.1	54.1
65	14.3	11.4	17.2

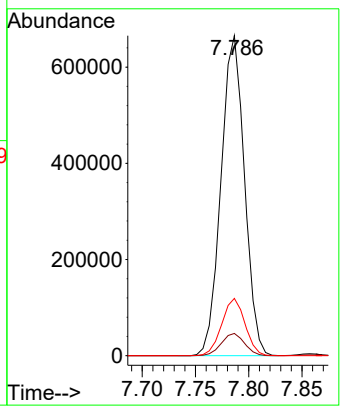




#25
Isophorone
Concen: 51.783 ng
RT: 7.786 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 82 Resp: 101878

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.5	8.3
138	17.9	13.8	20.8



Instrument :
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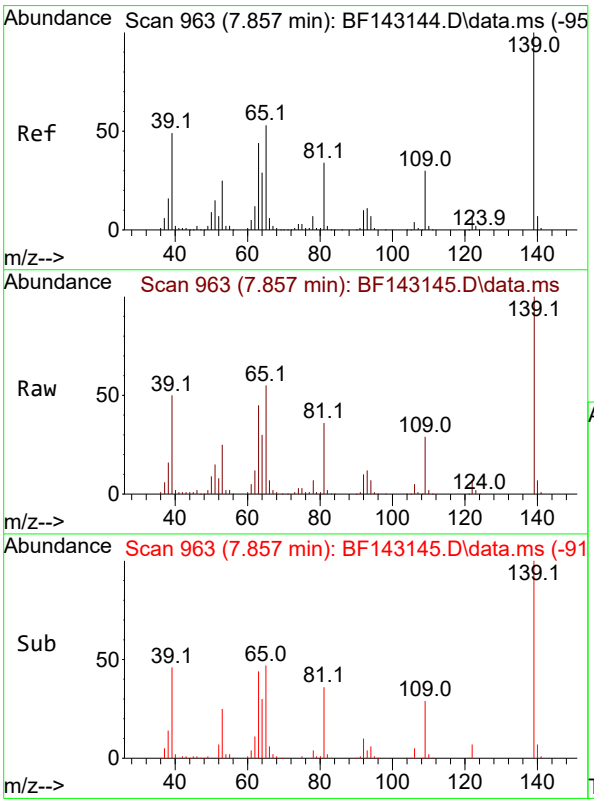
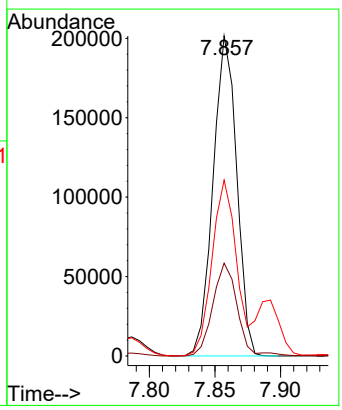
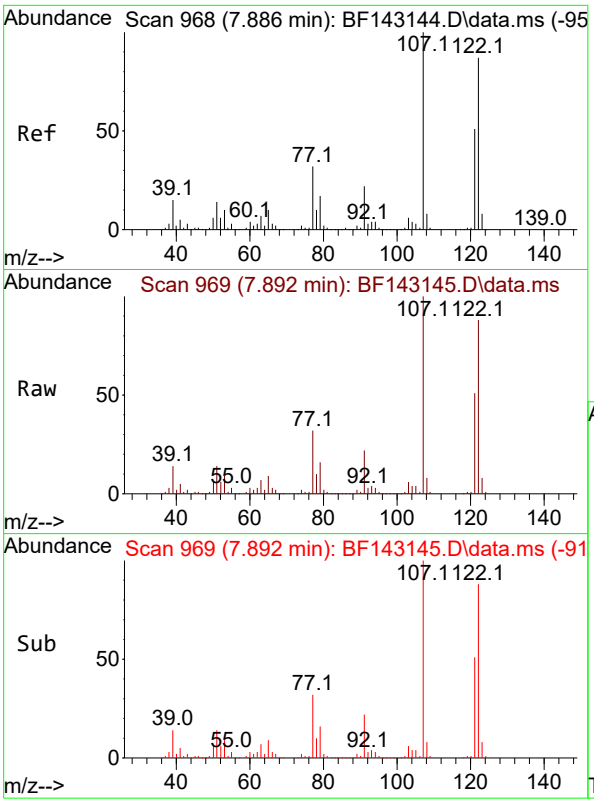


#26
2-Nitrophenol
Concen: 55.920 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:139 Resp: 252169

Ion	Ratio	Lower	Upper
139	100		
109	29.0	23.6	35.4
65	55.0	42.6	64.0

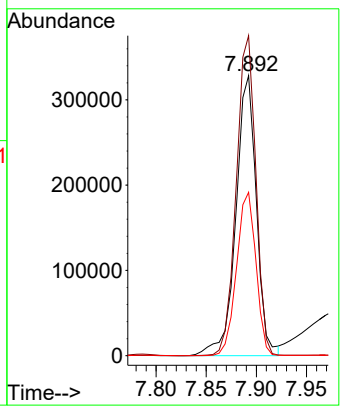




#27
2,4-Dimethylphenol
Concen: 51.112 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:122 Resp: 46981

Ion	Ratio	Lower	Upper
122	100		
107	114.3	91.8	137.6
121	58.4	46.3	69.5



Instrument :
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ClientSampleId :
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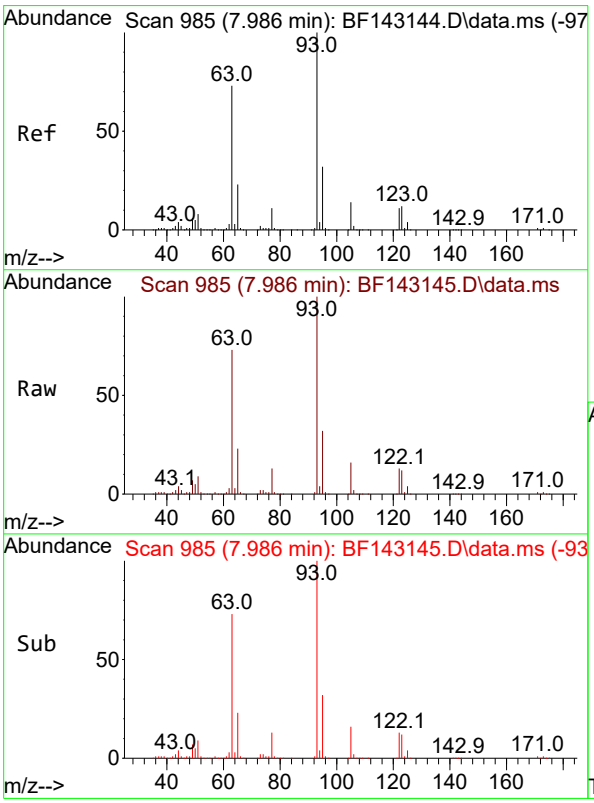
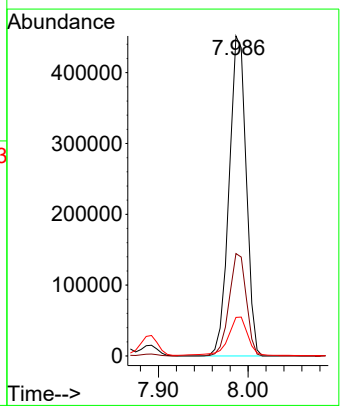
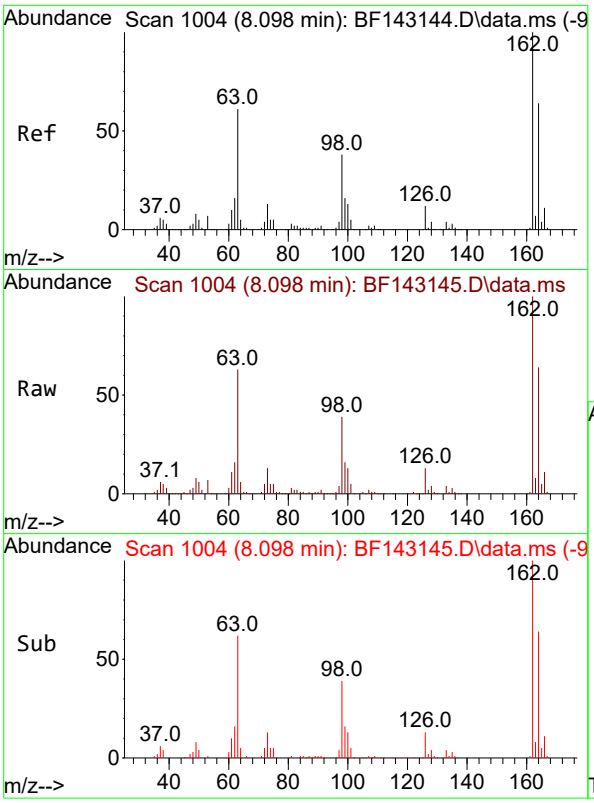


#28
bis(2-Chloroethoxy)methane
Concen: 50.631 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 93 Resp: 597241

Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.8	38.6
123	12.1	9.7	14.5

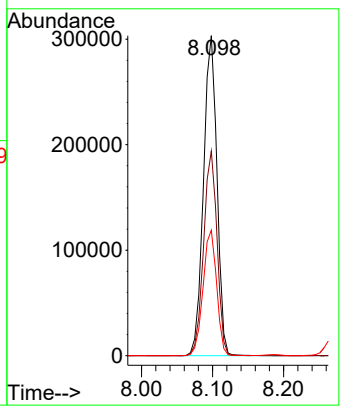




#29
2,4-Dichlorophenol
Concen: 51.773 ng
RT: 8.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:162 Resp: 40133

Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.2	84.2
98	39.2	17.9	57.9



Instrument :
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ClientSampleId :
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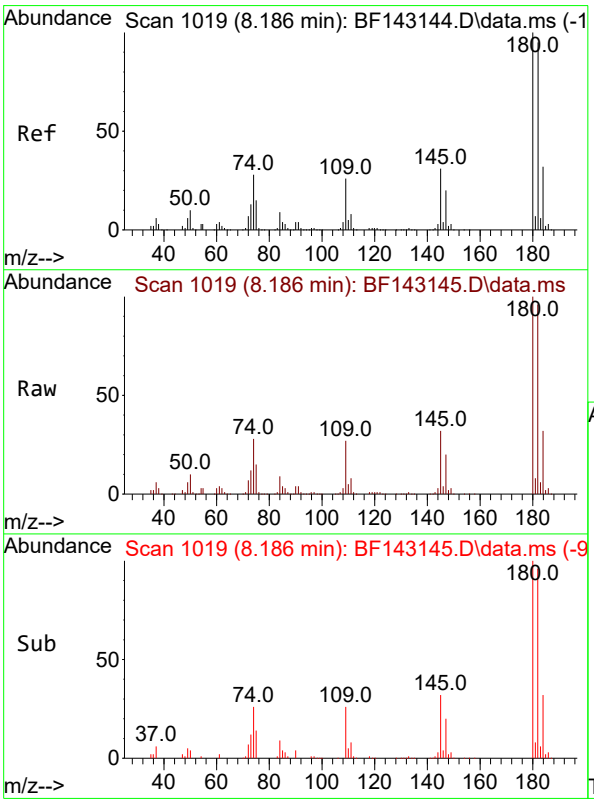
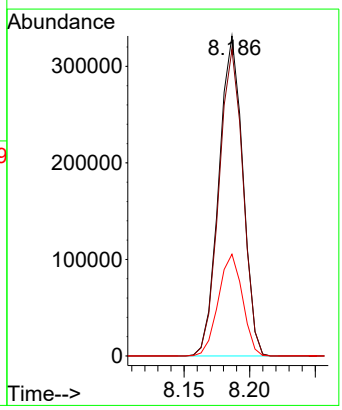
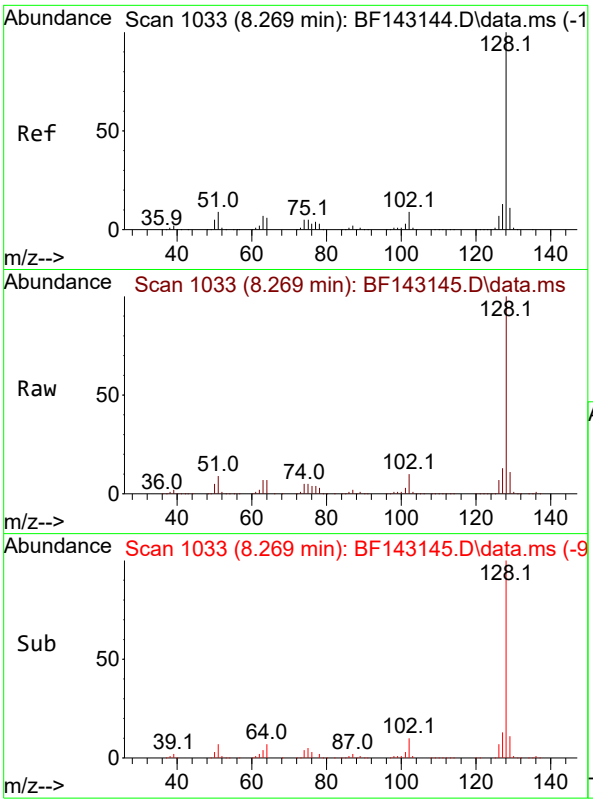


#30
1,2,4-Trichlorobenzene
Concen: 50.242 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:180 Resp: 420763

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.2	114.2
145	31.8	25.0	37.6

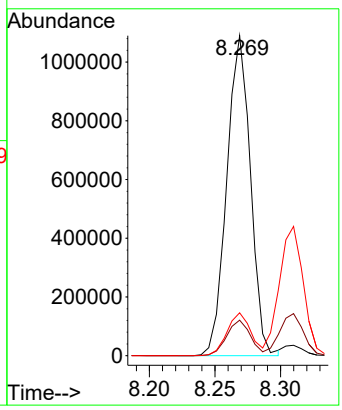




#31
Naphthalene
Concen: 50.060 ng
RT: 8.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:128 Resp: 136962

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.4	10.6	16.0



Instrument :
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ClientSampleId :
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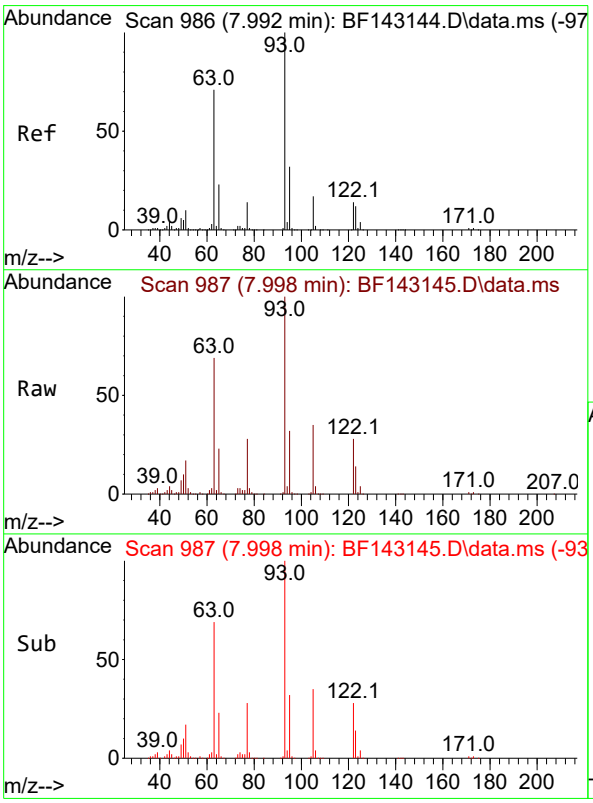
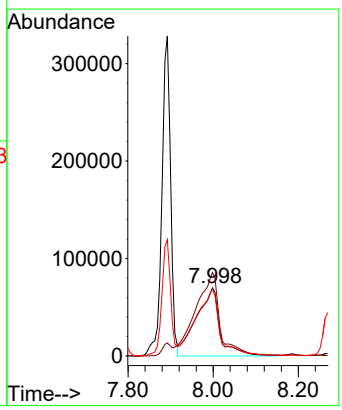
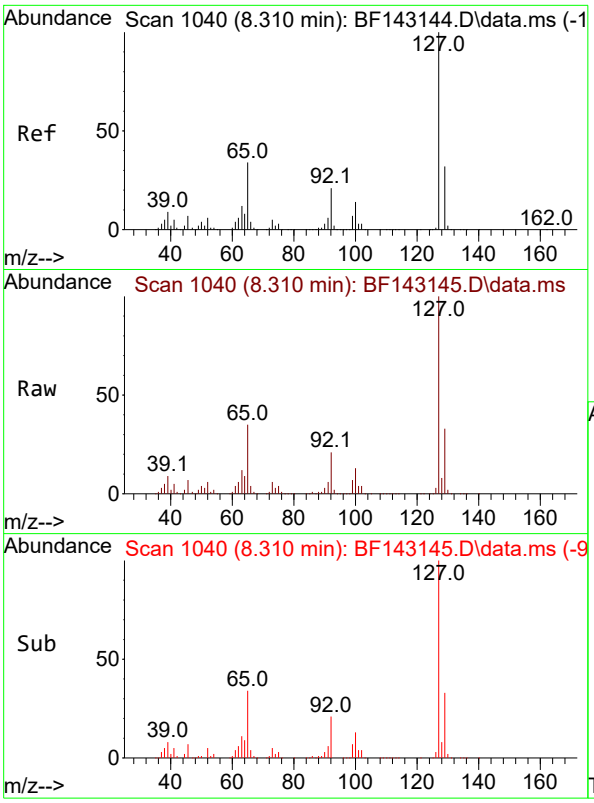


#32
Benzoic acid
Concen: 52.352 ng m
RT: 7.998 min Scan# 987
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:122 Resp: 273361

Ion	Ratio	Lower	Upper
122	100		
105	123.0	104.8	144.8
77	98.4	77.6	117.6

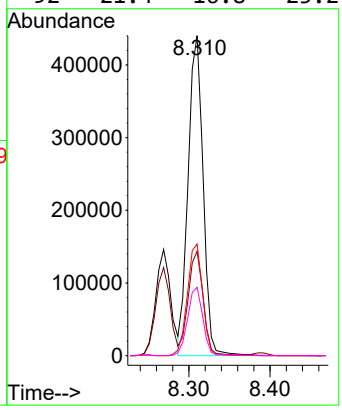




#33
4-Chloroaniline
Concen: 50.703 ng
RT: 8.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:127 Resp: 56642

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	34.9	27.4	41.2
92	21.4	16.8	25.2



Instrument :
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ClientSampleId :
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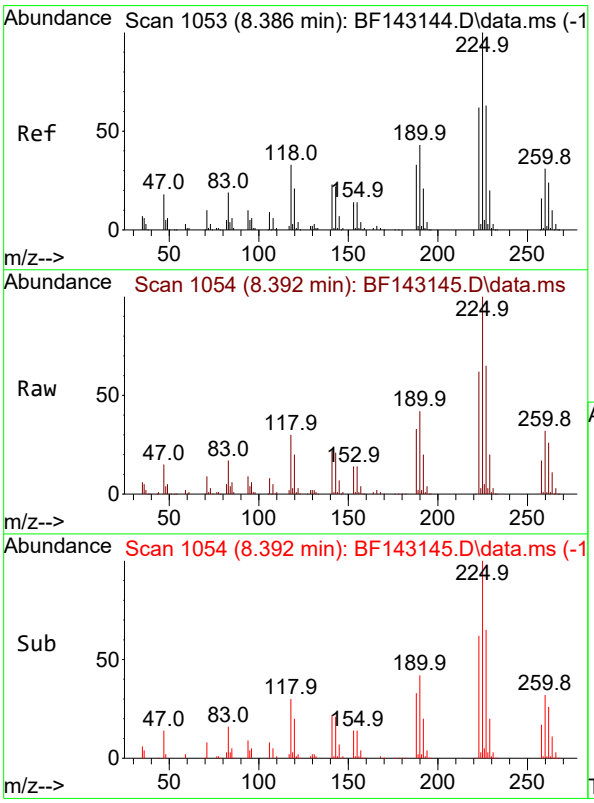
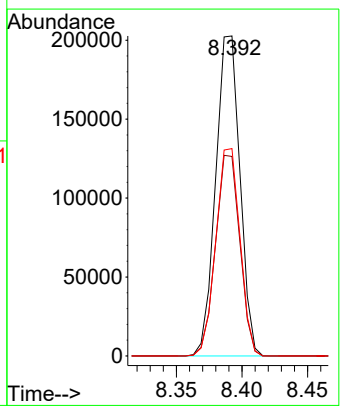
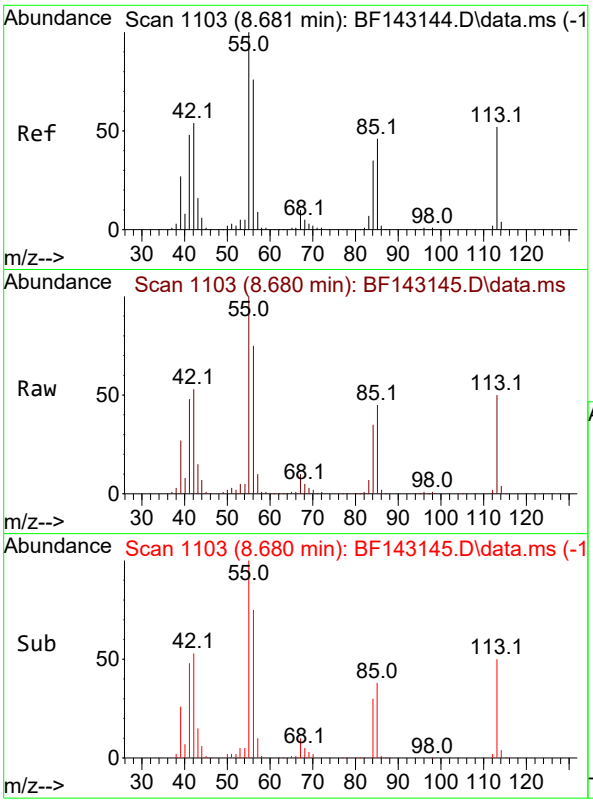


#34
Hexachlorobutadiene
Concen: 50.976 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:225 Resp: 260787

Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.6
227	64.8	50.2	75.4

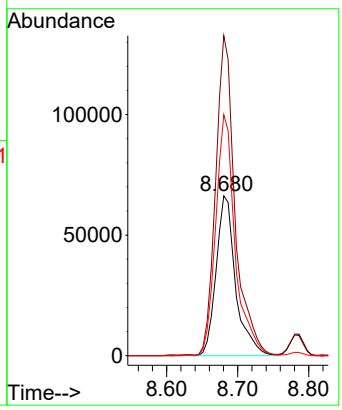




#35
Caprolactam
Concen: 53.811 ng
RT: 8.680 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:113 Resp: 12605

Ion	Ratio	Lower	Upper
113	100		
55	200.3	174.0	214.0
56	150.8	126.6	166.6



Instrument :
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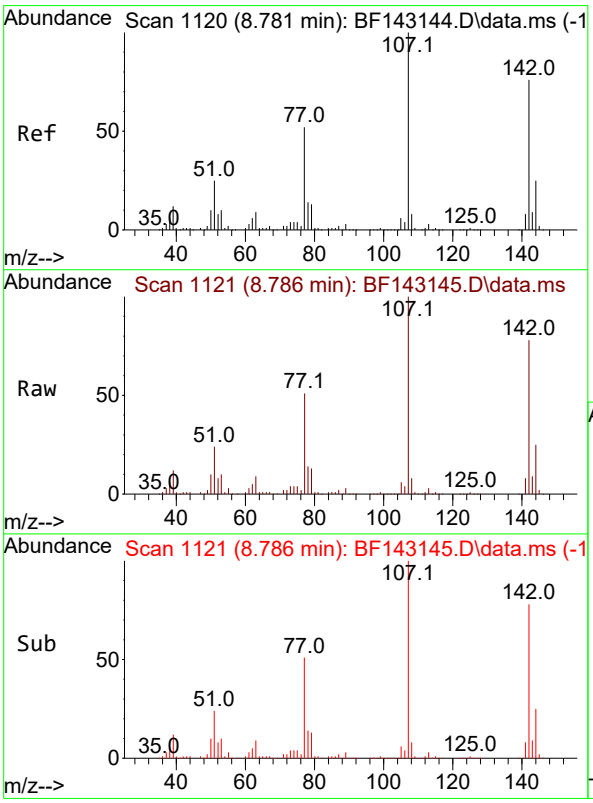
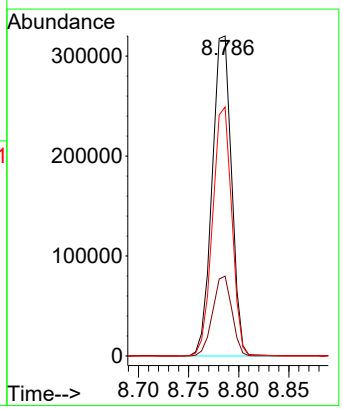
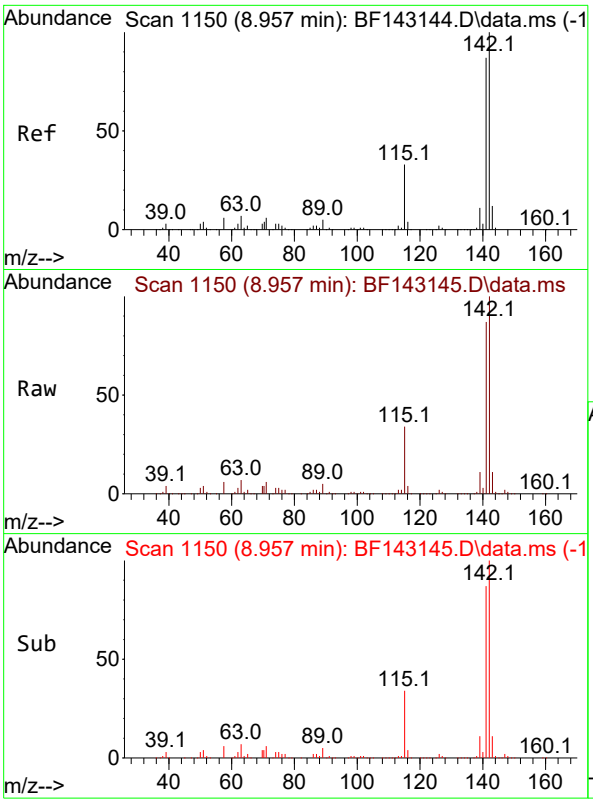


#36
4-Chloro-3-methylphenol
Concen: 51.242 ng
RT: 8.786 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:107 Resp: 431745

Ion	Ratio	Lower	Upper
107	100		
144	25.0	19.8	29.6
142	77.8	60.6	90.8

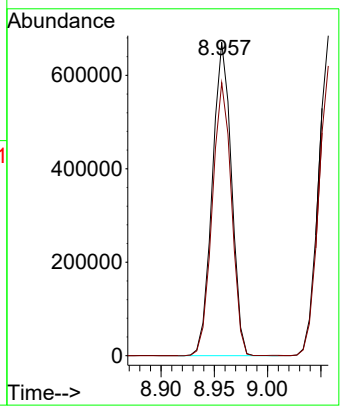




#37
2-Methylnaphthalene
Concen: 50.324 ng
RT: 8.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:142 Resp: 83782

Ion	Ratio	Lower	Upper
142	100		
141	87.1	69.9	104.9



Instrument :
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SSTDICC050

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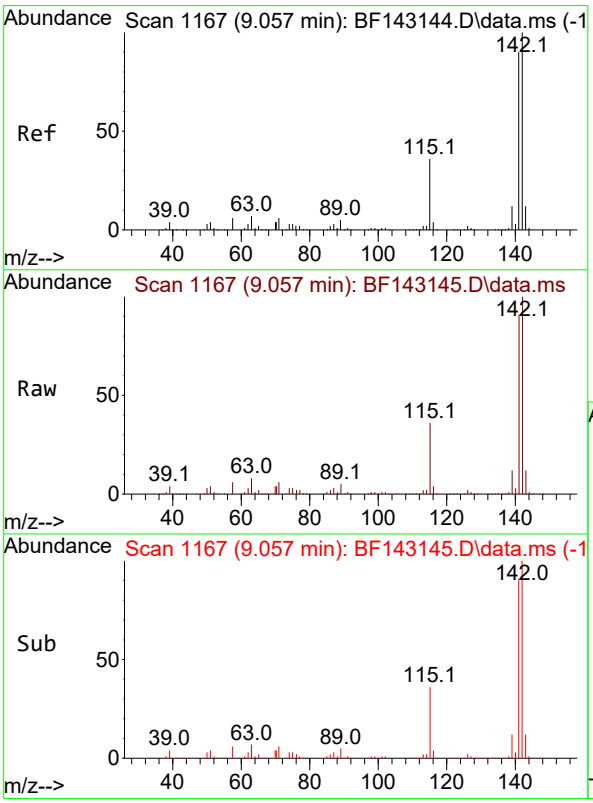
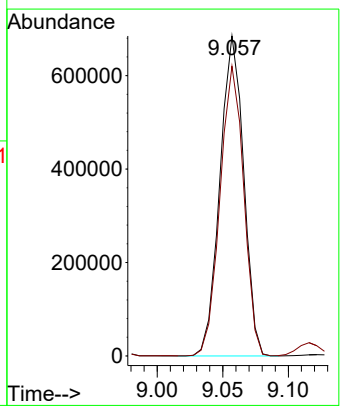
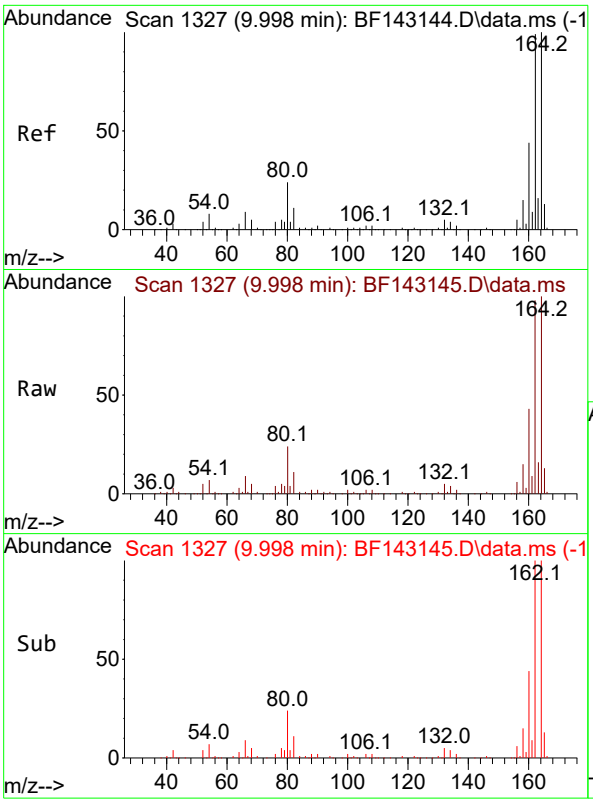


#38
1-Methylnaphthalene
Concen: 50.298 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:142 Resp: 862300

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.3	108.5

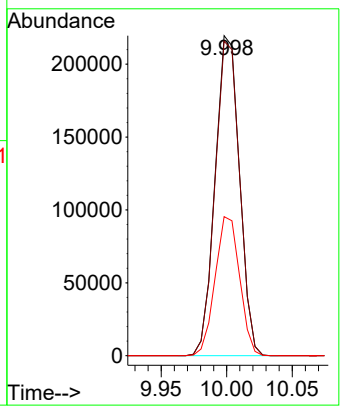




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:164 Resp: 28365

Ion	Ratio	Lower	Upper
164	100		
162	98.3	79.0	118.6
160	43.5	35.1	52.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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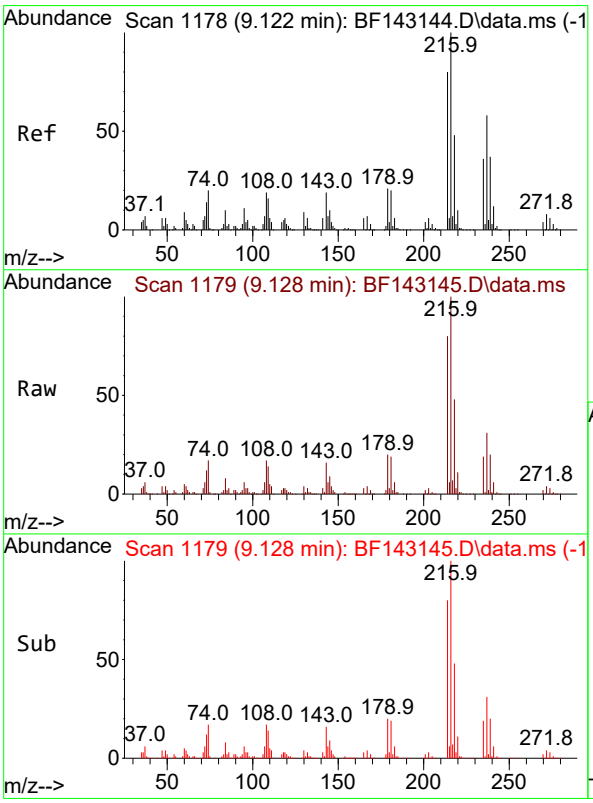
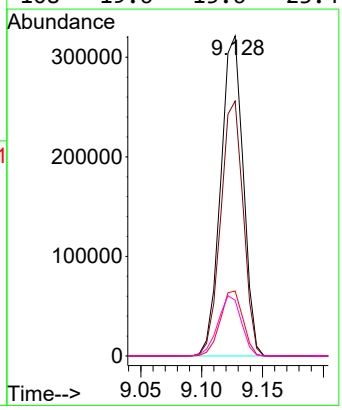
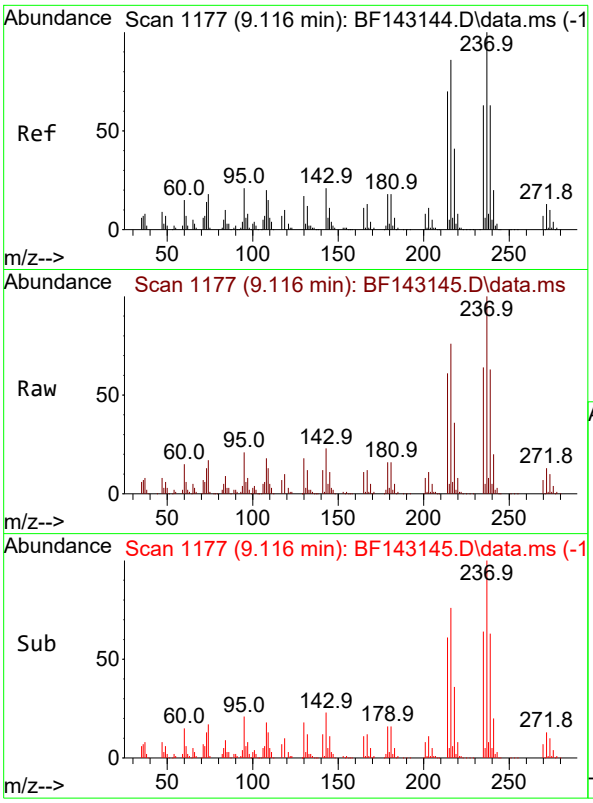


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.420 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:216 Resp: 412916

Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.8	95.8
179	20.5	16.4	24.6
108	19.6	15.6	23.4

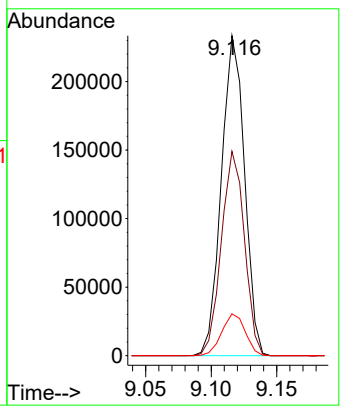




#41
Hexachlorocyclopentadiene
Concen: 53.823 ng
RT: 9.116 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:237 Resp: 28680

Ion	Ratio	Lower	Upper
237	100		
235	63.9	43.0	83.0
272	13.1	0.0	33.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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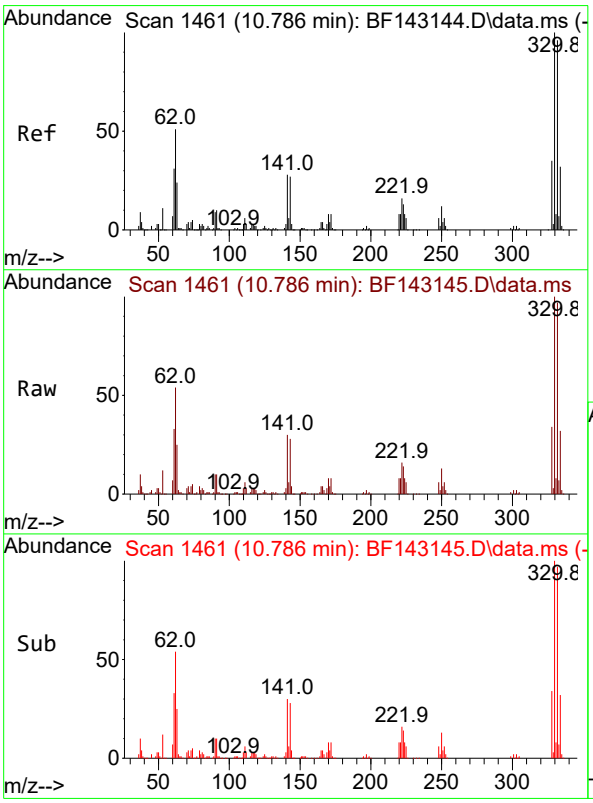
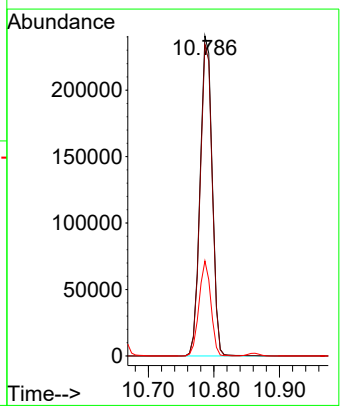
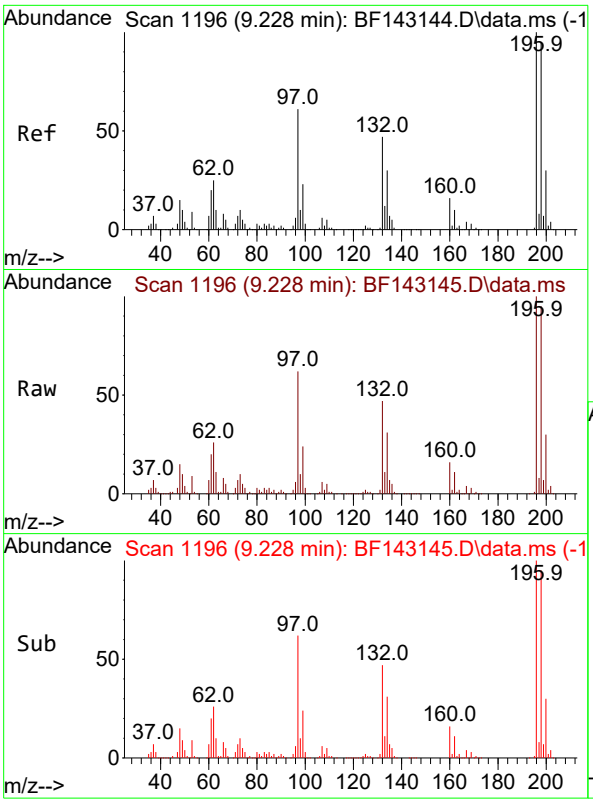


#42
2,4,6-Tribromophenol
Concen: 105.607 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:330 Resp: 309465

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.7	115.1
141	29.0	23.3	34.9

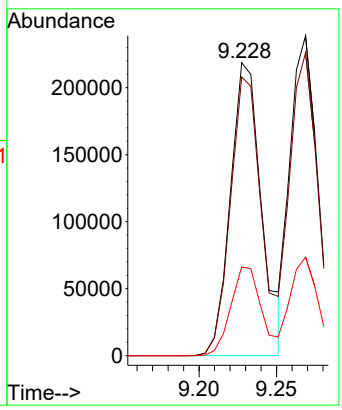




#43
2,4,6-Trichlorophenol
Concen: 53.718 ng
RT: 9.228 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:196 Resp: 30446

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
200	30.3	23.9	35.9



Instrument :
BNA_F
ClientSampleId :
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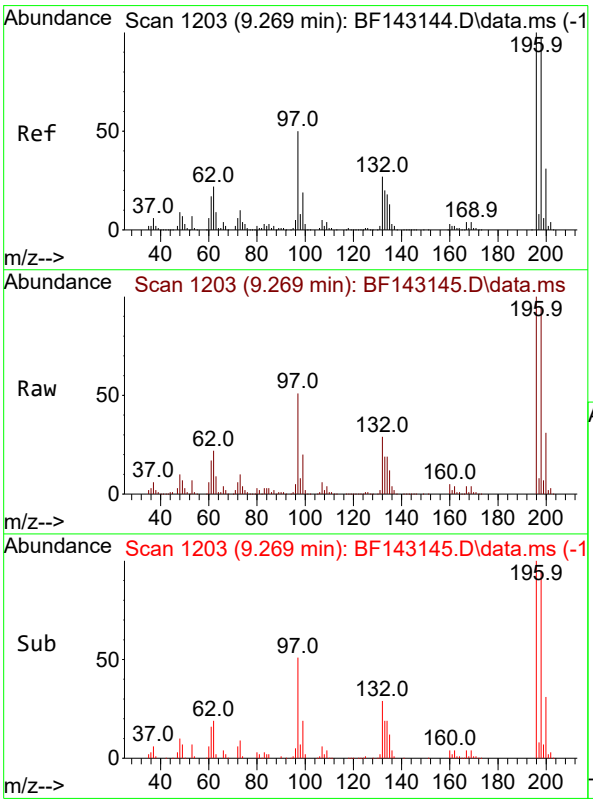
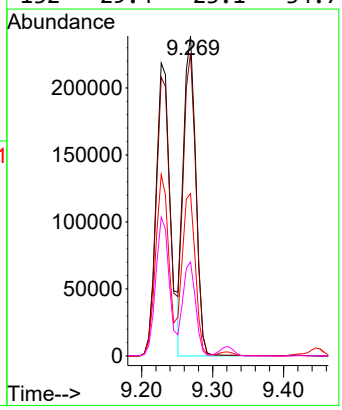
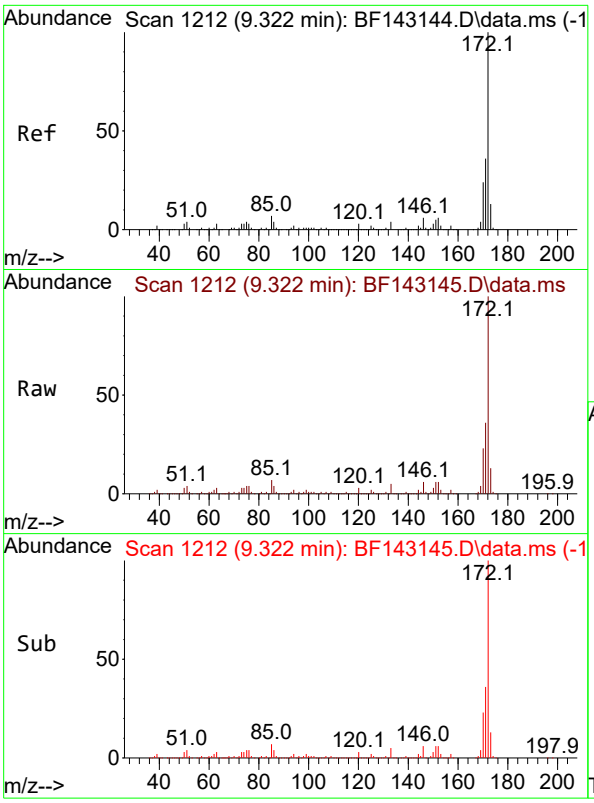


#44
2,4,5-Trichlorophenol
Concen: 51.434 ng
RT: 9.269 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:196 Resp: 291607

Ion	Ratio	Lower	Upper
196	100		
198	94.7	77.3	115.9
97	50.8	40.3	60.5
132	29.4	23.1	34.7

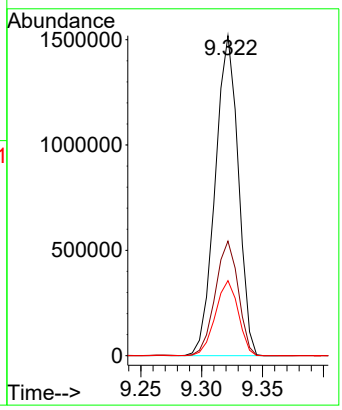




#45
2-Fluorobiphenyl
Concen: 96.712 ng
RT: 9.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:172 Resp: 200589

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	23.5	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
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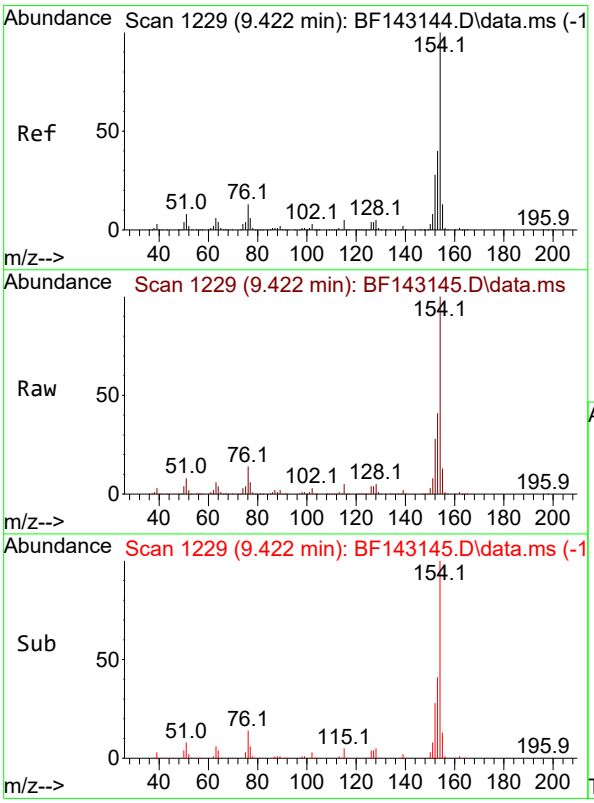
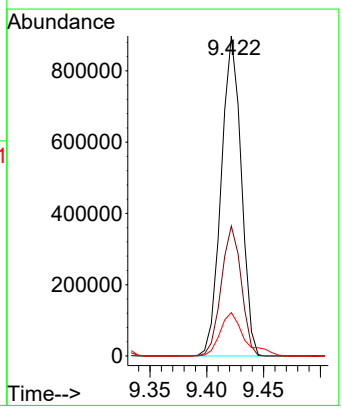
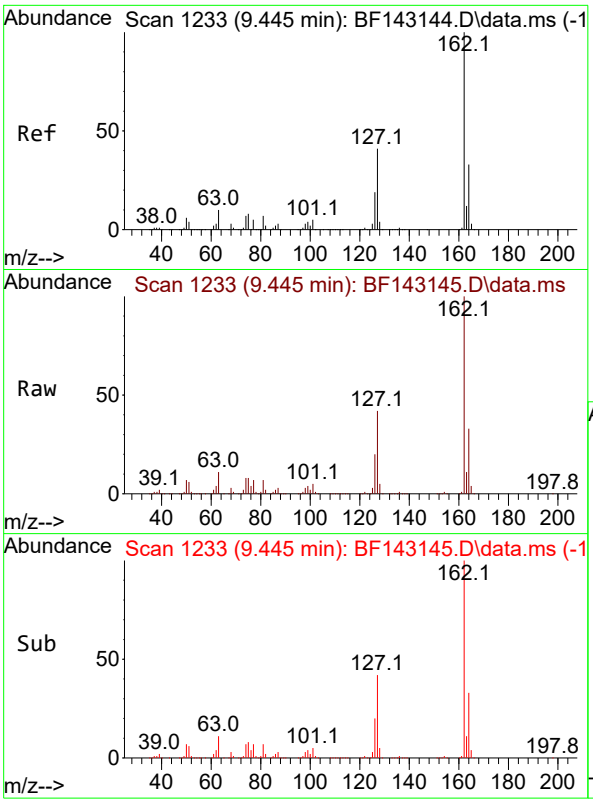


#46
1,1'-Biphenyl
Concen: 49.764 ng
RT: 9.422 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:154 Resp: 1101317

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.3	60.3
76	13.5	0.0	33.3

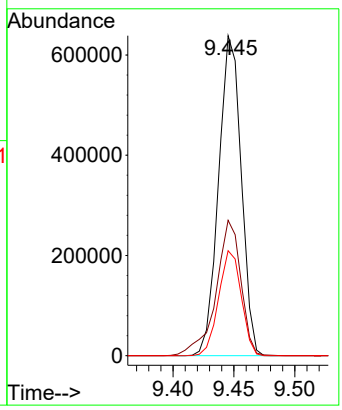




#47
2-Chloronaphthalene
Concen: 50.488 ng
RT: 9.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:162 Resp: 82674

Ion	Ratio	Lower	Upper
162	100		
127	42.3	33.4	50.2
164	32.8	26.2	39.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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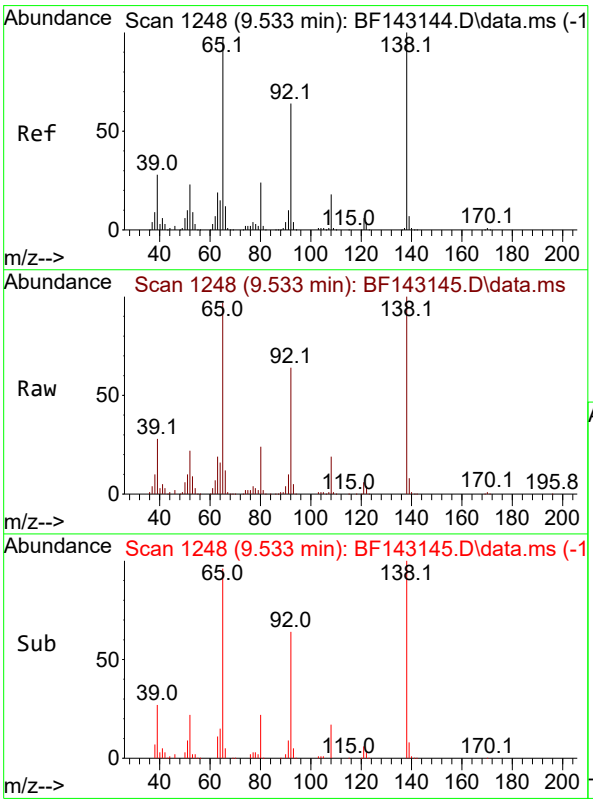
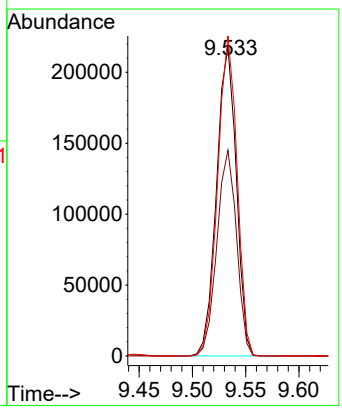
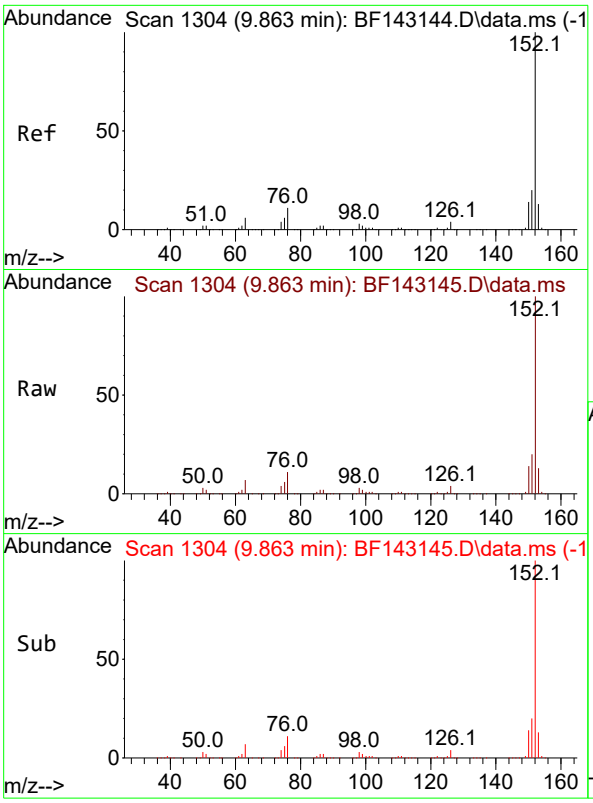


#48
2-Nitroaniline
Concen: 54.736 ng
RT: 9.533 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 65 Resp: 281082

Ion	Ratio	Lower	Upper
65	100		
92	66.5	52.4	78.6
138	103.5	82.3	123.5

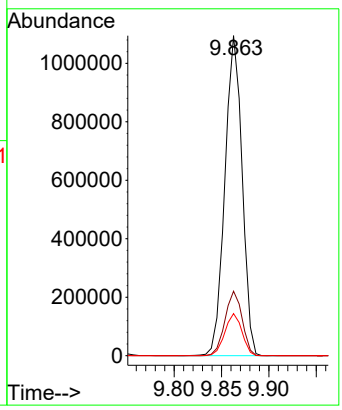




#49
Acenaphthylene
Concen: 50.605 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:152 Resp: 138872

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.1	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
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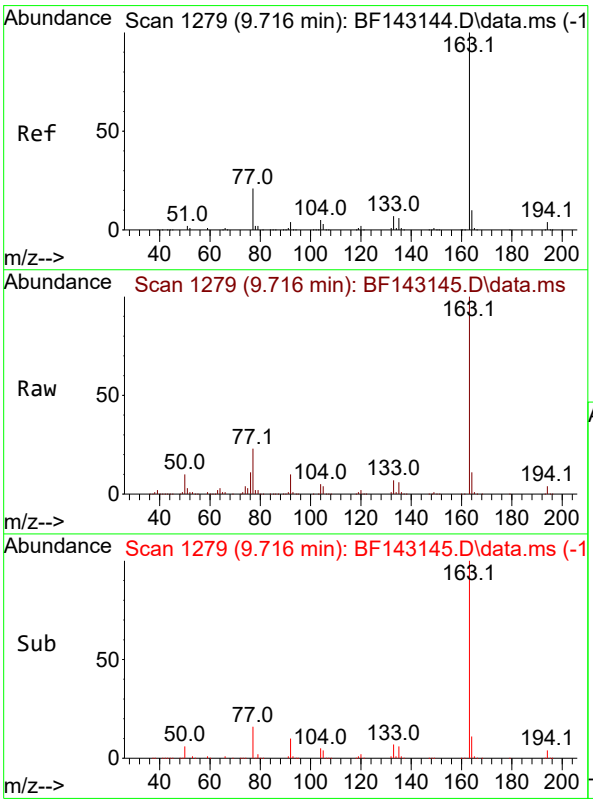
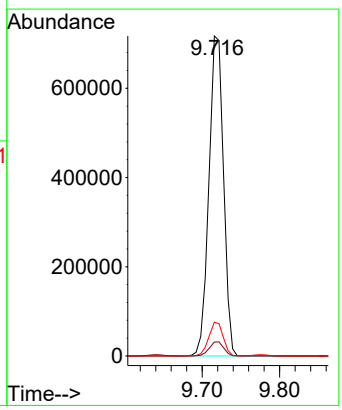
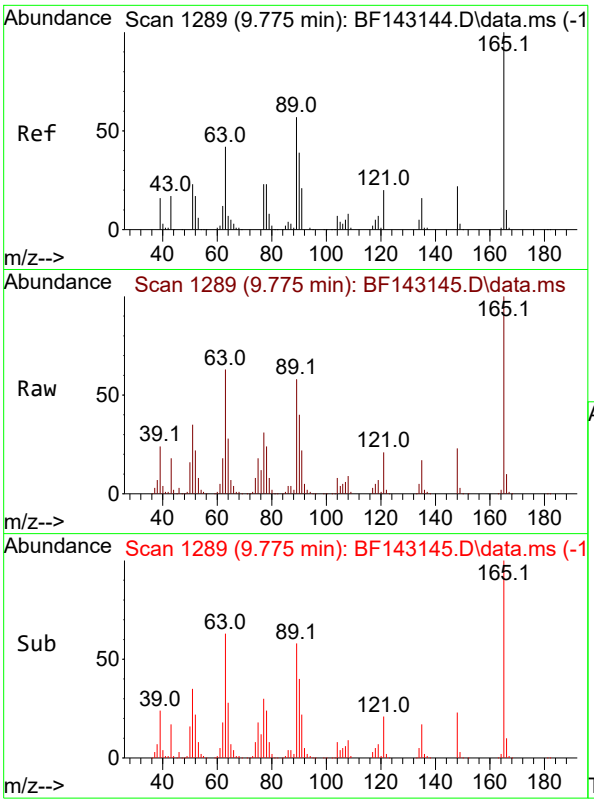


#50
Dimethylphthalate
Concen: 50.832 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:163 Resp: 939863

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.5	8.3	12.5

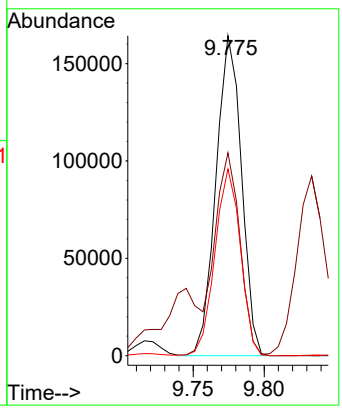




#51
2,6-Dinitrotoluene
Concen: 54.541 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:165 Resp: 20514

Ion	Ratio	Lower	Upper
165	100		
63	63.4	49.4	74.2
89	58.4	46.2	69.2



Instrument :
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ClientSampleId :
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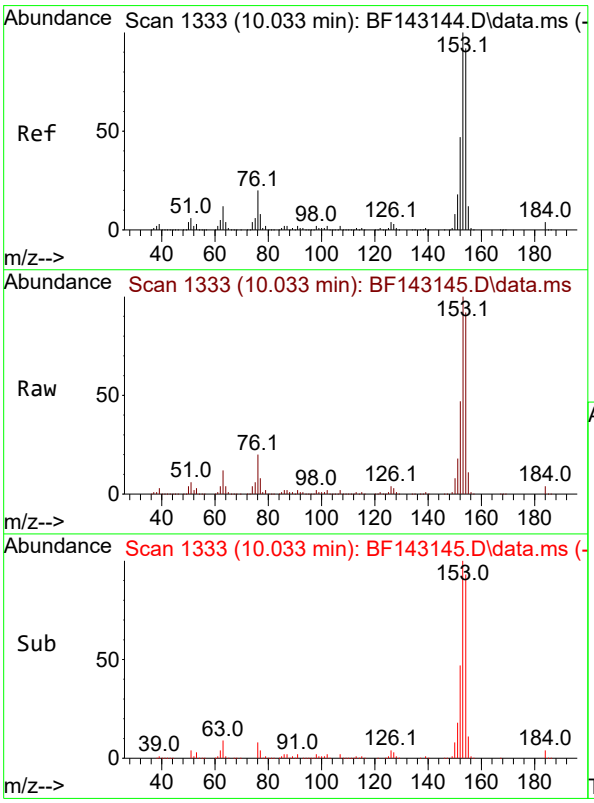
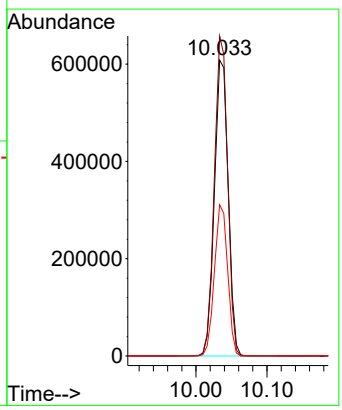
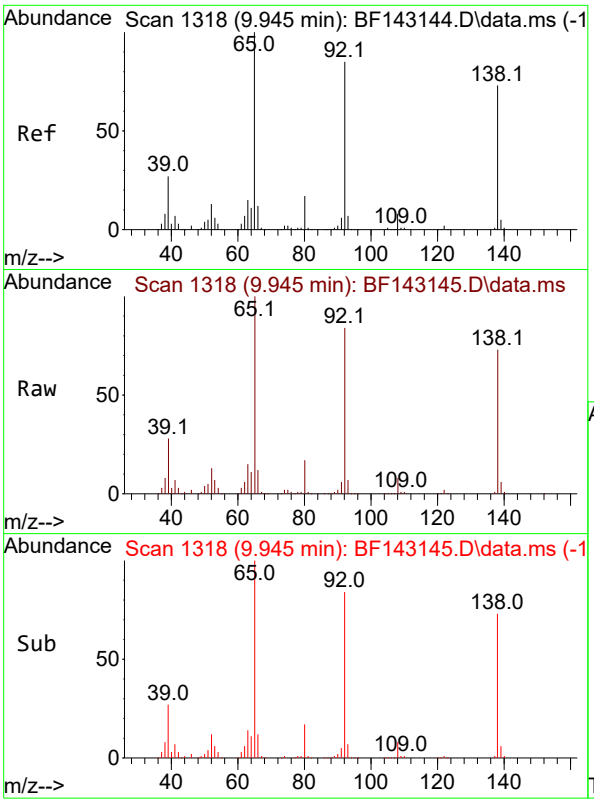


#52
Acenaphthene
Concen: 50.481 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:154 Resp: 818783

Ion	Ratio	Lower	Upper
154	100		
153	108.2	86.6	129.8
152	51.1	40.4	60.6

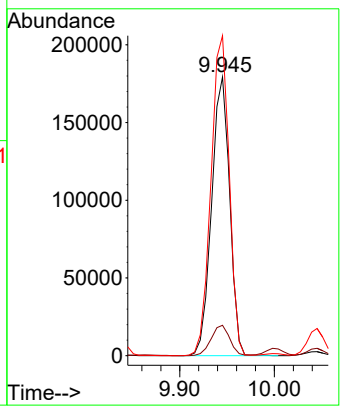




#53
3-Nitroaniline
Concen: 53.861 ng
RT: 9.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:138 Resp: 23695

Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.0	13.6
92	114.8	93.0	139.4



Instrument :
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ClientSampleId :
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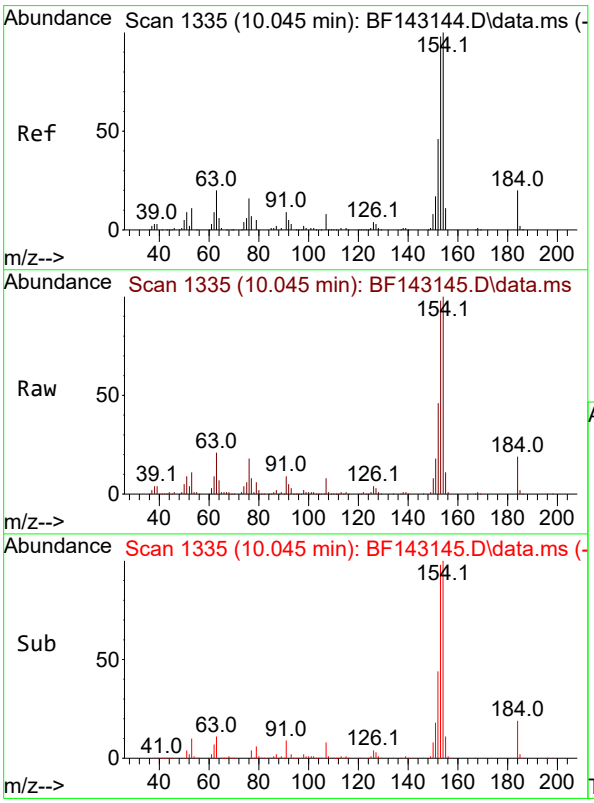
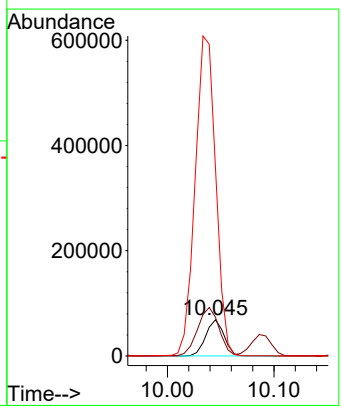
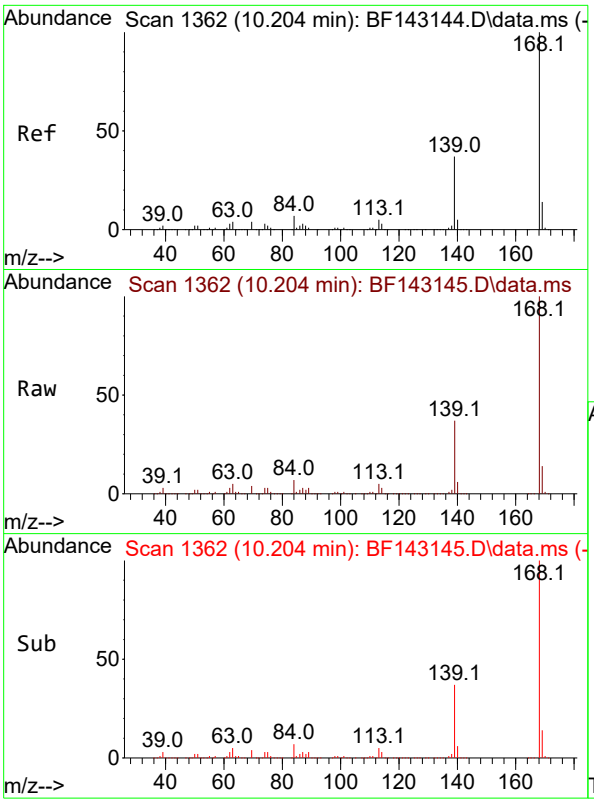


#54
2,4-Dinitrophenol
Concen: 50.750 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:184 Resp: 81983

Ion	Ratio	Lower	Upper
184	100		
63	106.9	81.8	122.6
154	519.2	412.2	618.4

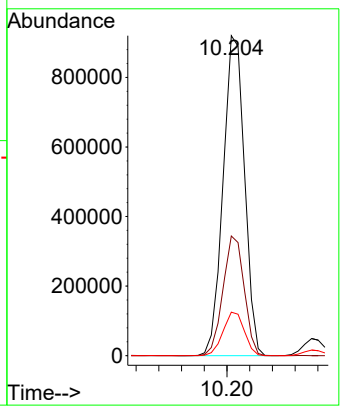




#55
Dibenzofuran
Concen: 50.001 ng
RT: 10.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:168 Resp: 120408

Ion	Ratio	Lower	Upper
168	100		
139	37.4	29.5	44.3
169	13.6	10.9	16.3



Instrument :
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ClientSampleId :
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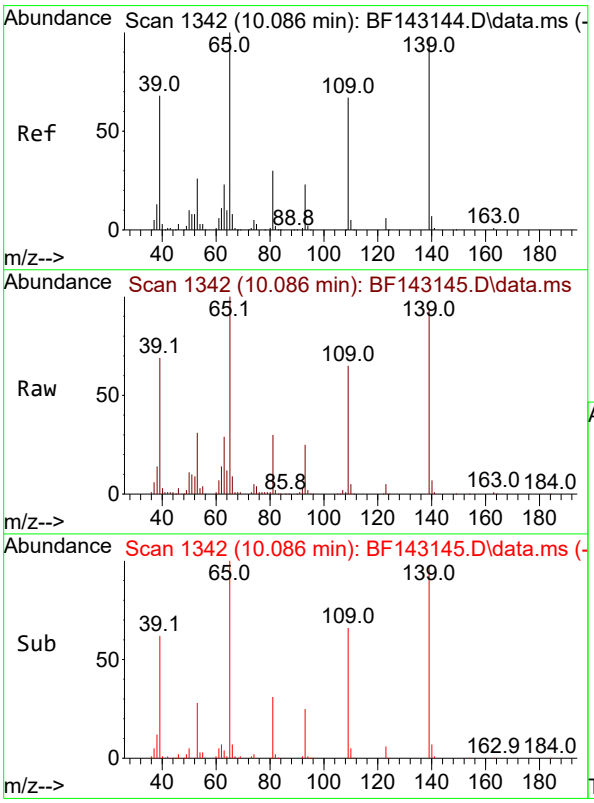
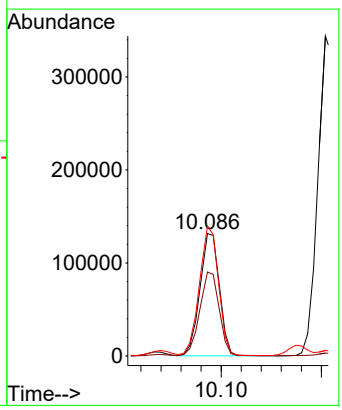
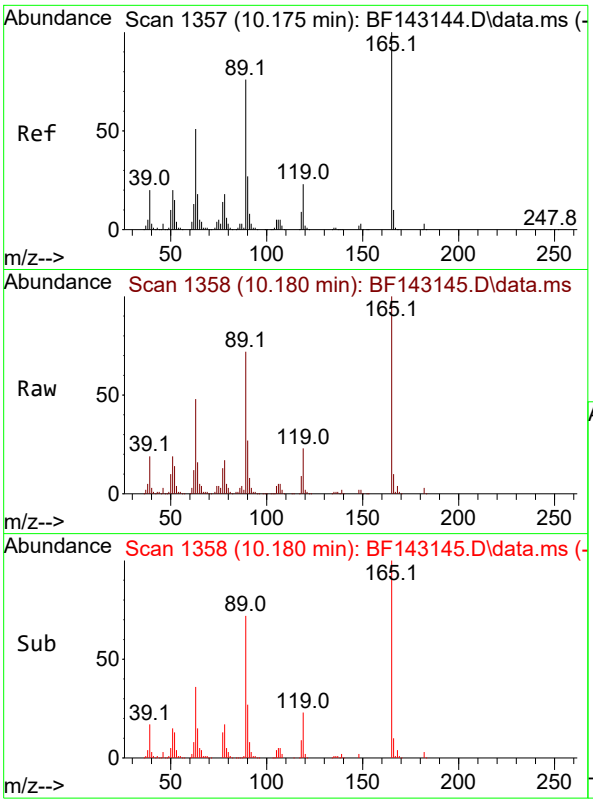


#56
4-Nitrophenol
Concen: 54.001 ng
RT: 10.086 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:139 Resp: 177408

Ion	Ratio	Lower	Upper
139	100		
109	68.7	48.5	88.5
65	106.2	83.4	123.4

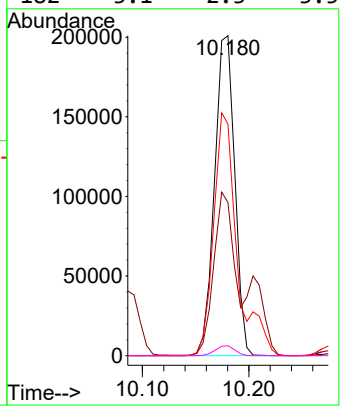




#57
2,4-Dinitrotoluene
Concen: 55.954 ng
RT: 10.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:165 Resp: 26404

Ion	Ratio	Lower	Upper
165	100		
63	47.9	41.0	61.4
89	72.4	61.1	91.7
182	3.1	2.3	3.5



Instrument :
BNA_F
ClientSampleId :
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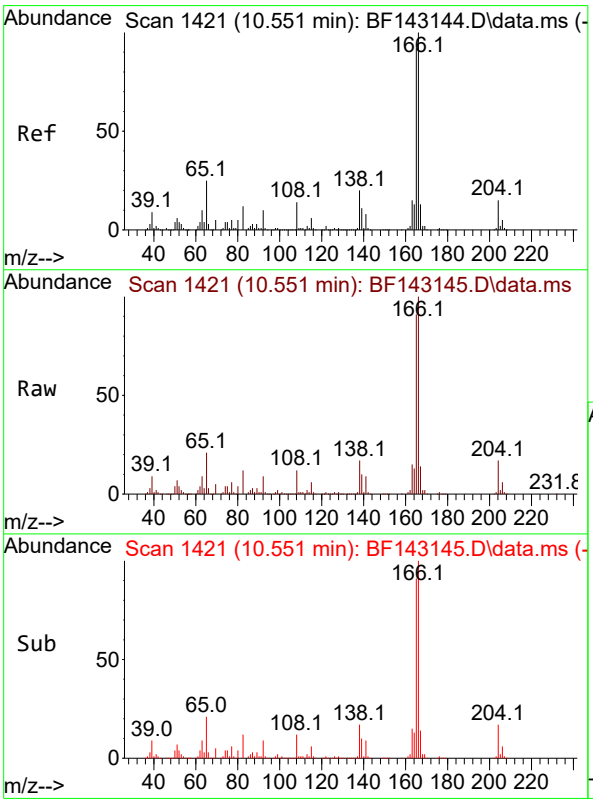
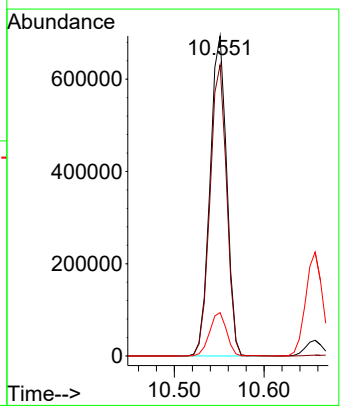
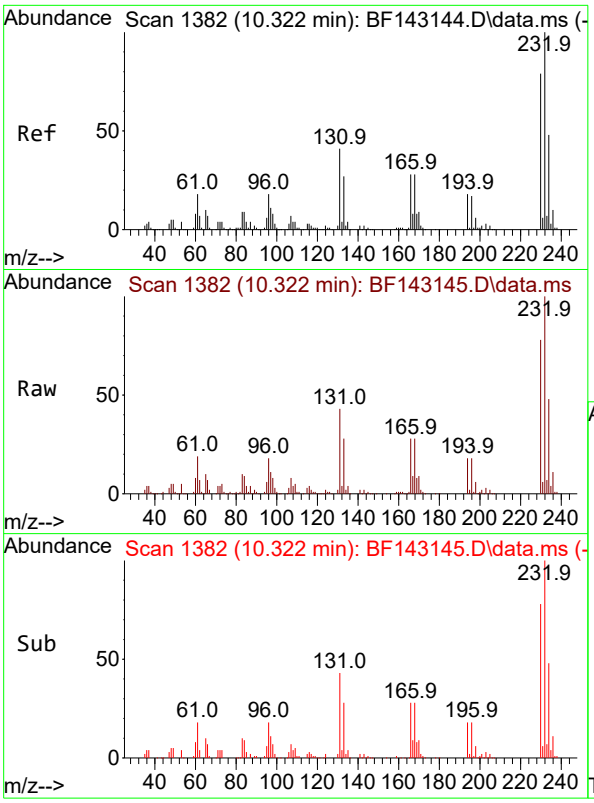


#58
Fluorene
Concen: 49.335 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:166 Resp: 891646

Ion	Ratio	Lower	Upper
166	100		
165	91.0	73.7	110.5
167	13.6	10.6	16.0

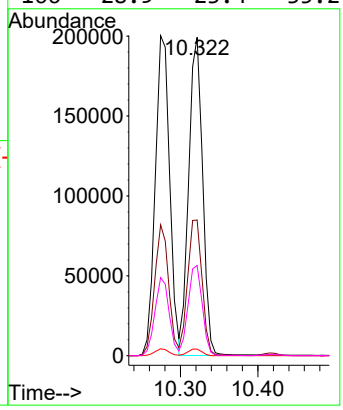




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.965 ng
RT: 10.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:232 Resp: 24874

Ion	Ratio	Lower	Upper
232	100		
131	44.3	35.3	52.9
130	2.1	1.7	2.5
166	28.9	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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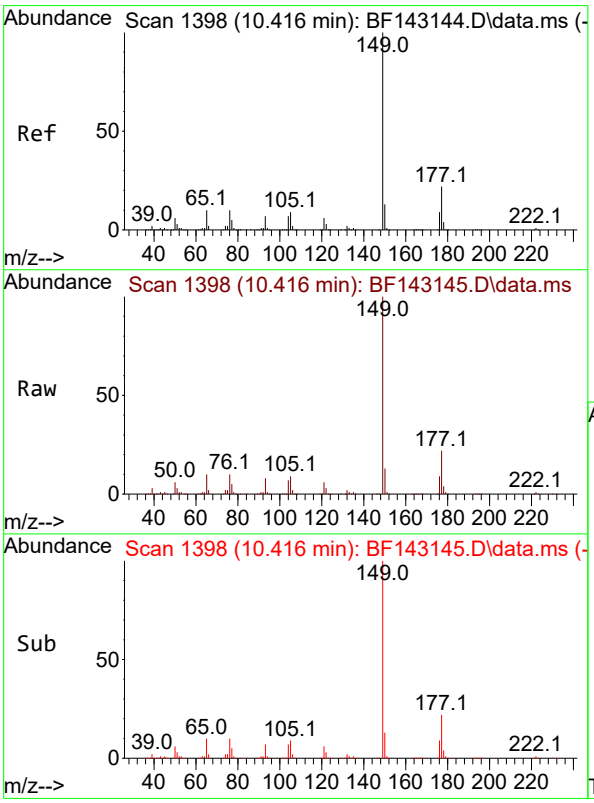
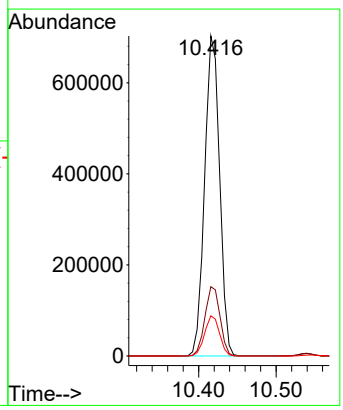
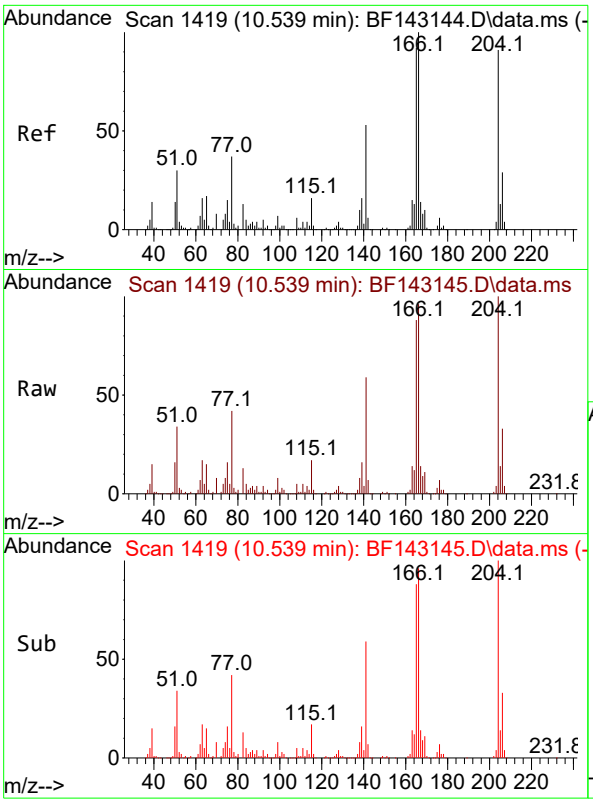


#60
Diethylphthalate
Concen: 51.580 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:149 Resp: 942625

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.5	26.3
150	12.6	10.2	15.2

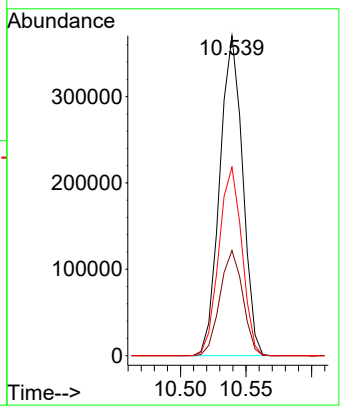




#61
4-Chlorophenyl-phenylether
Concen: 49.911 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:204 Resp: 44916

Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.8	38.8
141	58.9	47.0	70.4



Instrument :
BNA_F
ClientSampleId :
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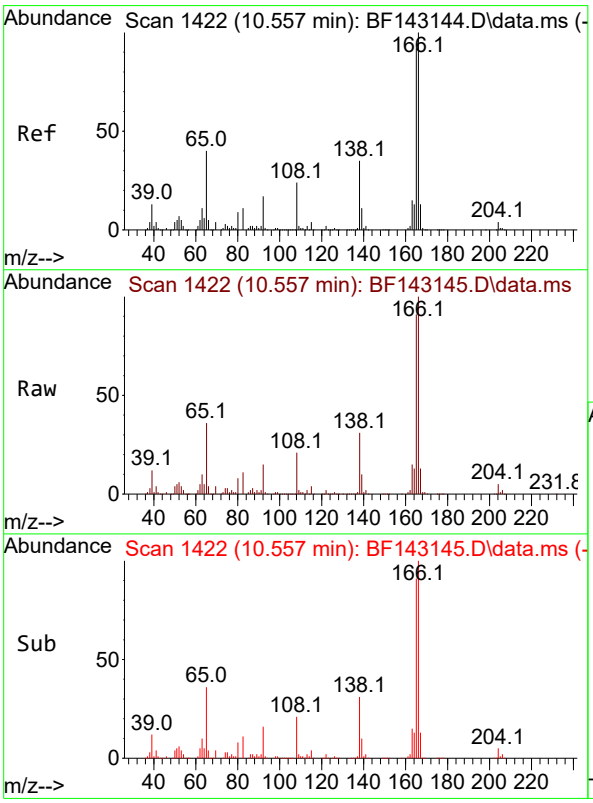
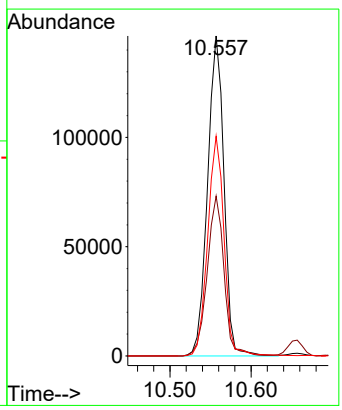
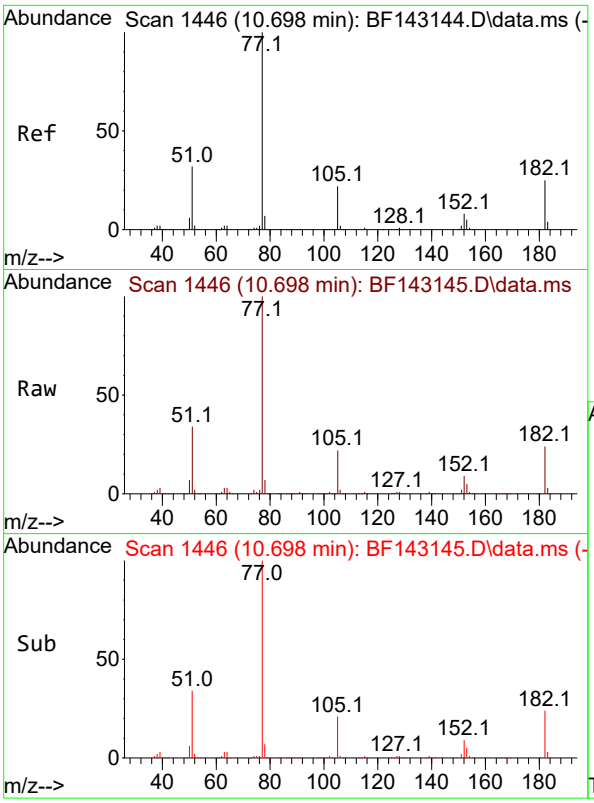


#62
4-Nitroaniline
Concen: 54.424 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:138 Resp: 205210

Ion	Ratio	Lower	Upper
138	100		
92	50.0	29.3	69.3
108	68.7	48.3	88.3

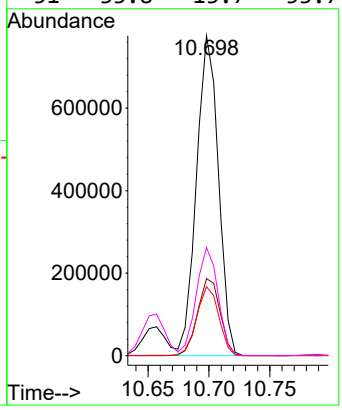




#63
Azobenzene
Concen: 50.766 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 77 Resp: 96693

Ion	Ratio	Lower	Upper
77	100		
182	24.1	4.6	44.6
105	21.6	1.4	41.4
51	33.8	13.7	53.7



Instrument :
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ClientSampleId :
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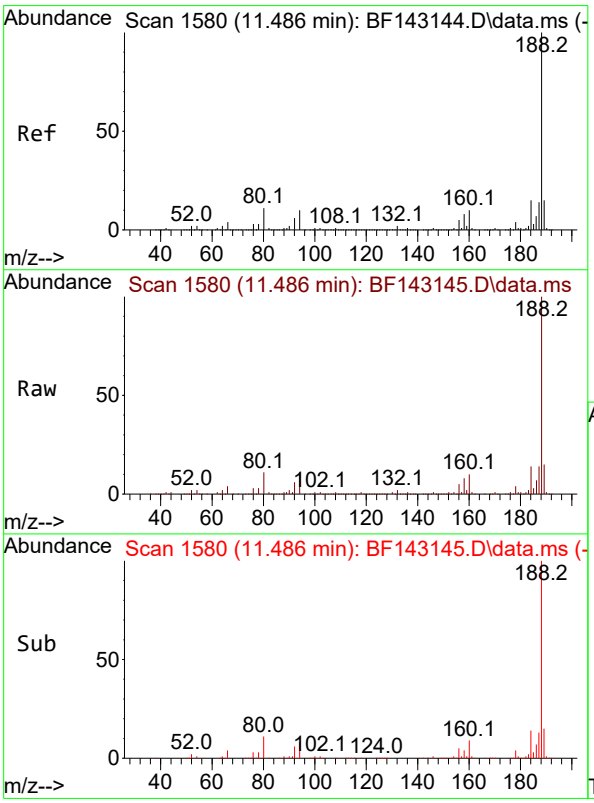
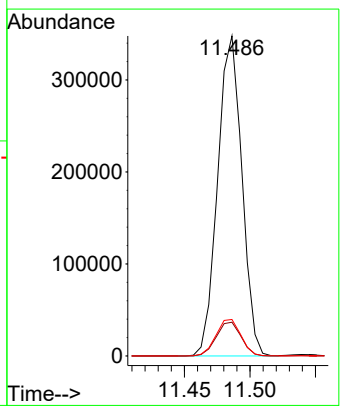
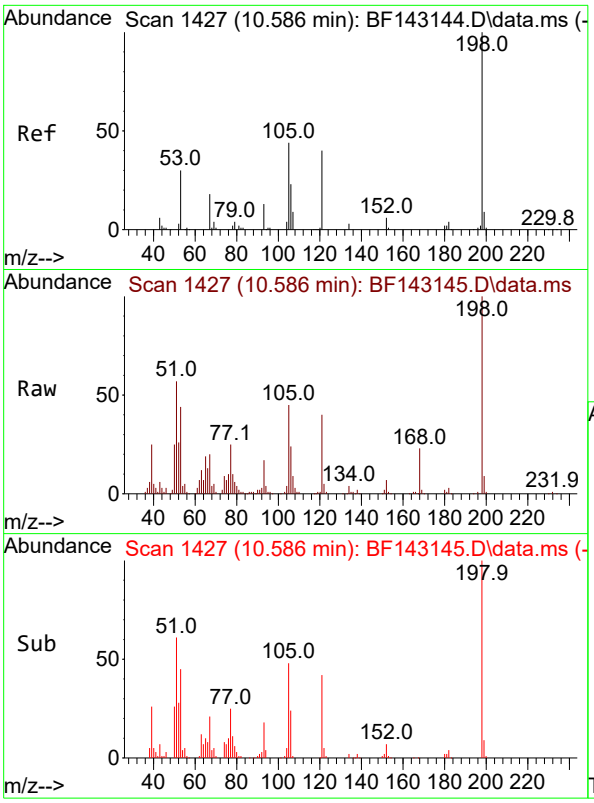


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:188 Resp: 447089

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.3	12.5
80	11.4	9.0	13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 51.927 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:198 Resp: 12287

Ion	Ratio	Lower	Upper
198	100		
51	57.3	37.2	77.2
105	45.1	24.8	64.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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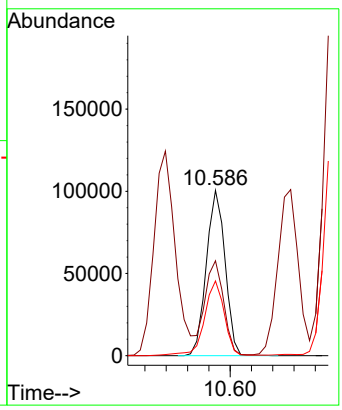
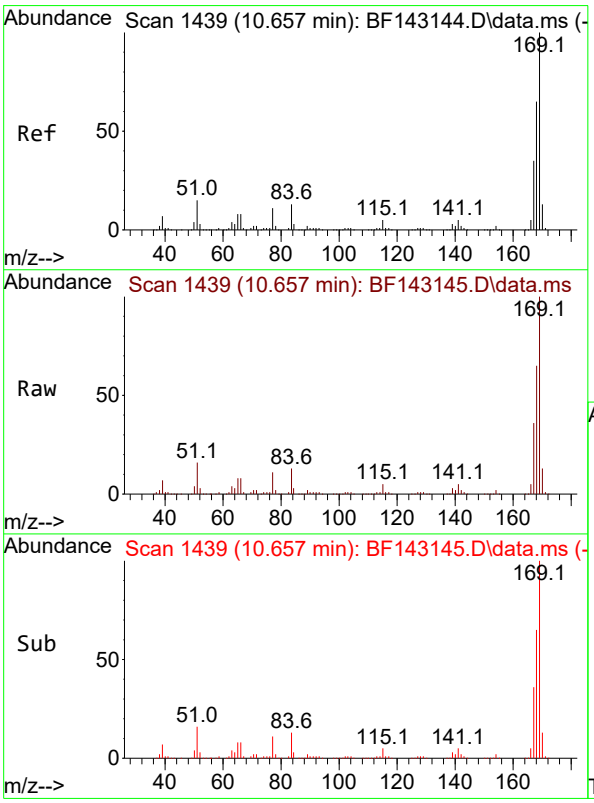
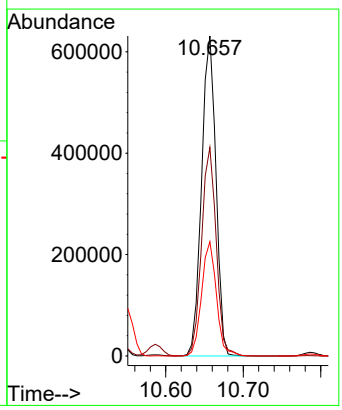


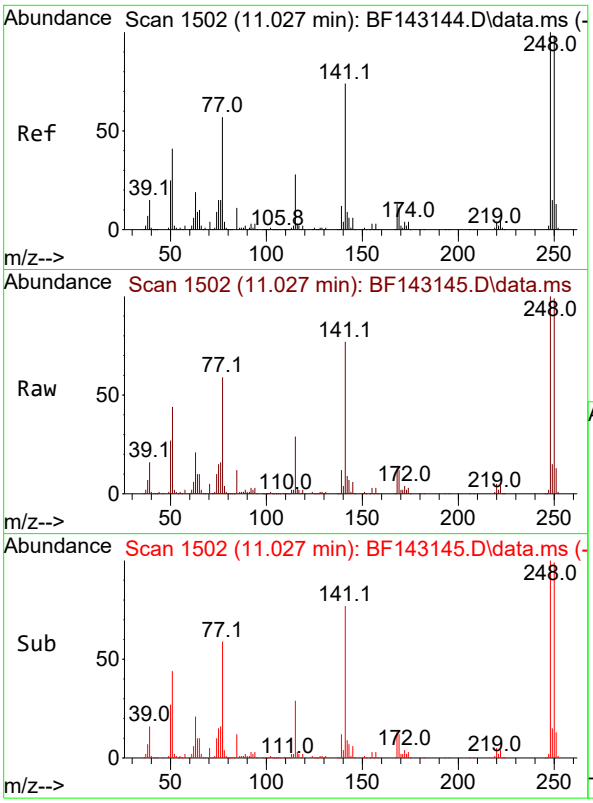


#66
n-Nitrosodiphenylamine
Concen: 51.540 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:169 Resp: 811422

Ion	Ratio	Lower	Upper
169	100		
168	65.1	52.1	78.1
167	35.7	28.2	42.2

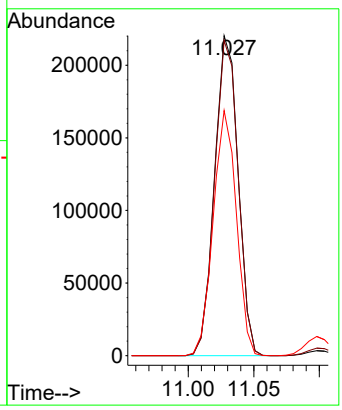




#67
4-Bromophenyl-phenylether
Concen: 51.741 ng
RT: 11.027 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:248 Resp: 27567

Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.3	117.5
141	76.6	59.2	88.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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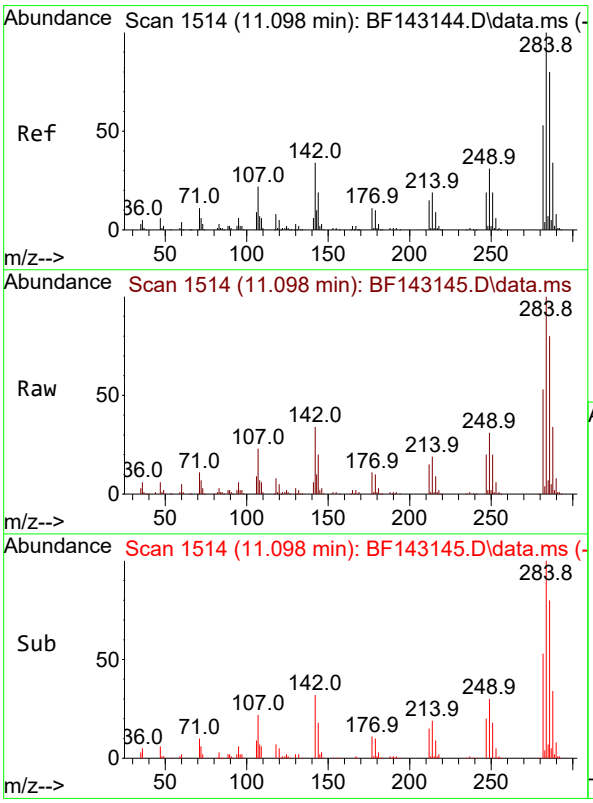
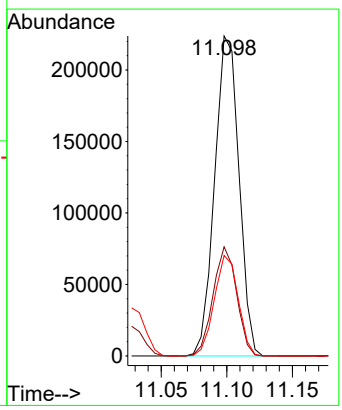
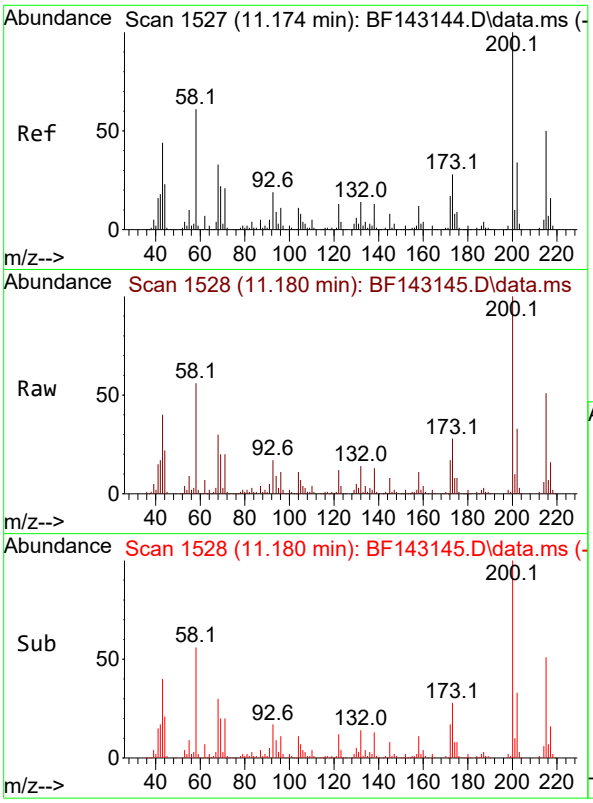


#68
Hexachlorobenzene
Concen: 51.788 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:284 Resp: 288405

Ion	Ratio	Lower	Upper
284	100		
142	34.1	27.0	40.6
249	31.4	25.0	37.6

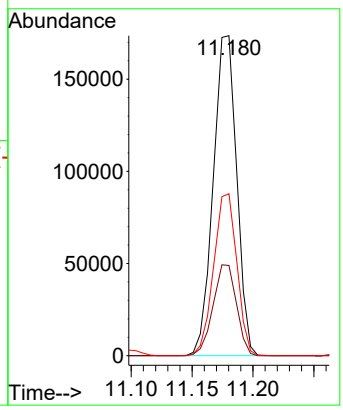




#69
Atrazine
Concen: 53.662 ng
RT: 11.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:200 Resp: 23290

Ion	Ratio	Lower	Upper
200	100		
173	28.2	7.9	47.9
215	50.6	30.1	70.1



Instrument :
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ClientSampleId :
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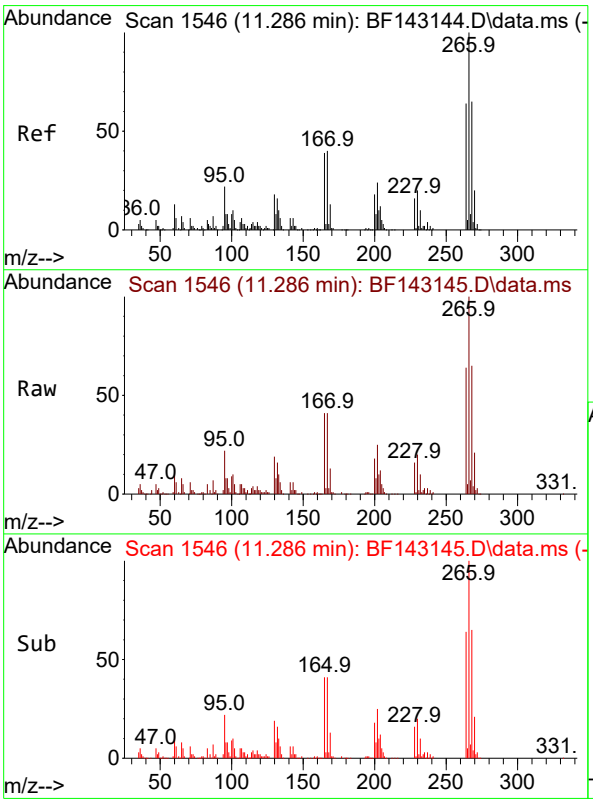
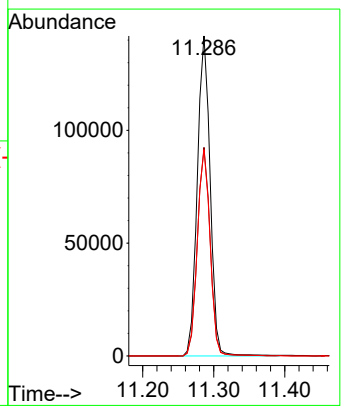
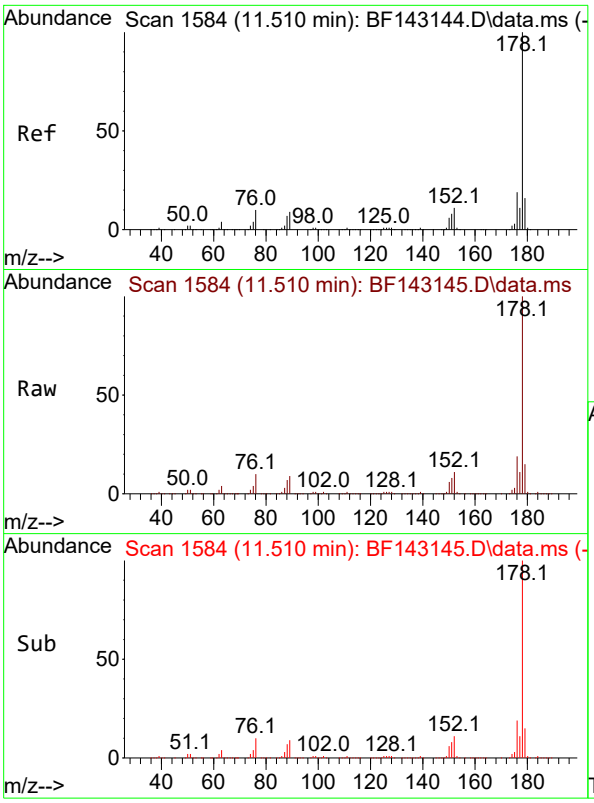


#70
Pentachlorophenol
Concen: 54.581 ng
RT: 11.286 min Scan# 1546
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:266 Resp: 178753

Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.9	77.9
264	64.5	51.0	76.6

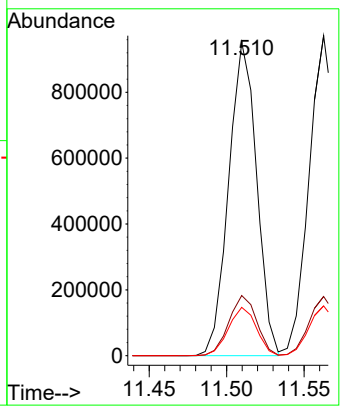




#71
Phenanthrene
Concen: 50.321 ng
RT: 11.510 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:178 Resp: 119458

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.4	12.5	18.7



Instrument :
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ClientSampleId :
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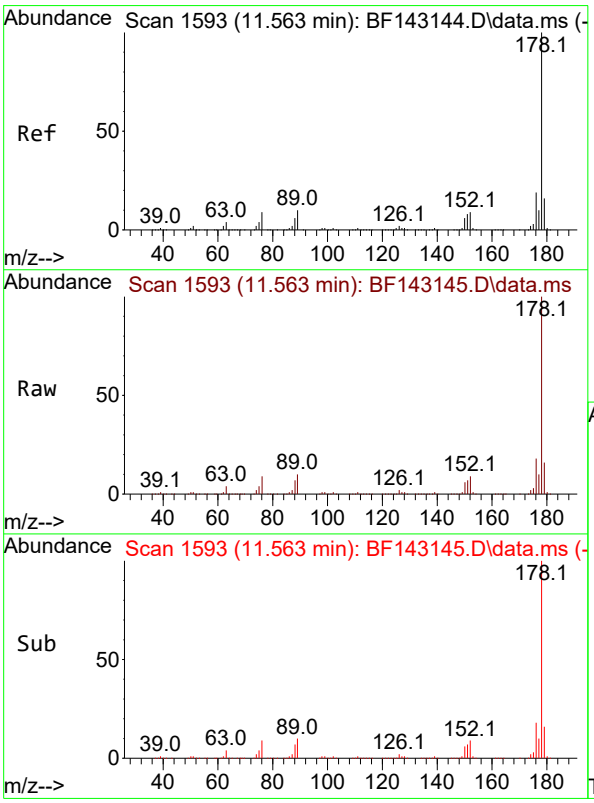
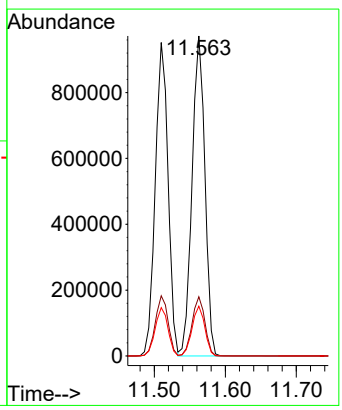
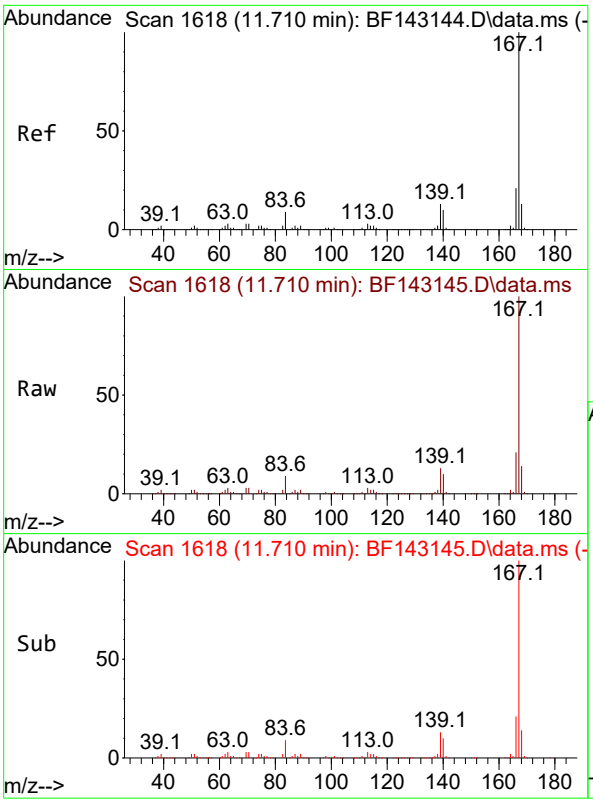


#72
Anthracene
Concen: 50.552 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:178 Resp: 1223920

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.5	12.5	18.7

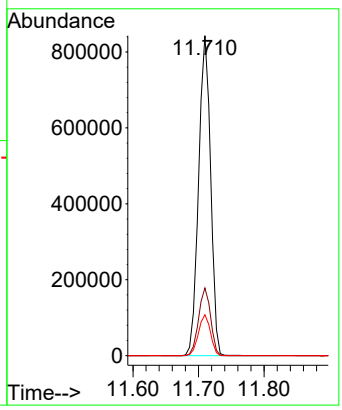




#73
Carbazole
Concen: 50.934 ng
RT: 11.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:167 Resp: 107680

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.6
139	12.8	10.0	15.0



Instrument :
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ClientSampleId :
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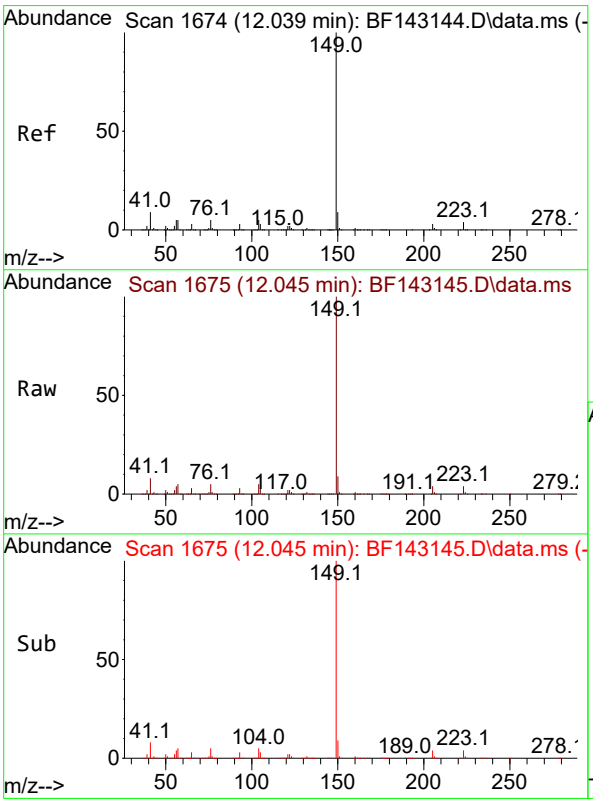
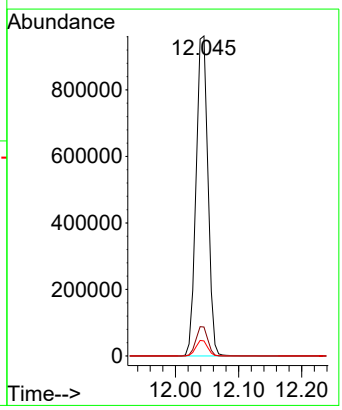
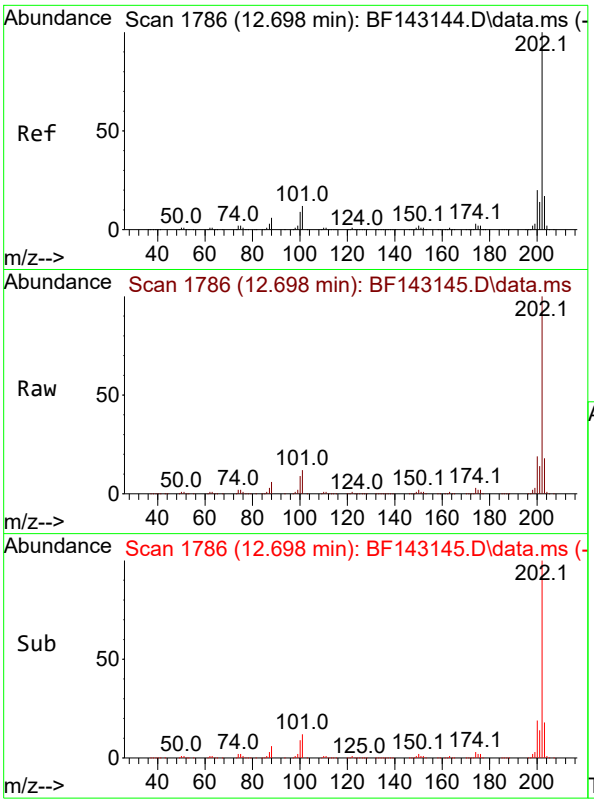


#74
Di-n-butylphthalate
Concen: 52.290 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:149 Resp: 1250841

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	4.7	3.8	5.8

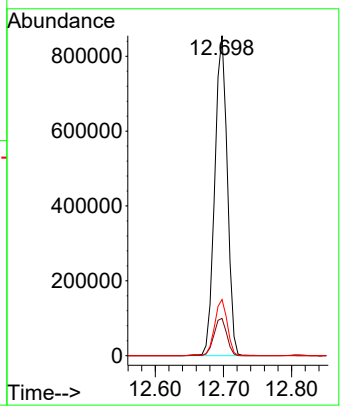




#75
Fluoranthene
Concen: 50.203 ng
RT: 12.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:202 Resp: 109389

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.7
203	17.6	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
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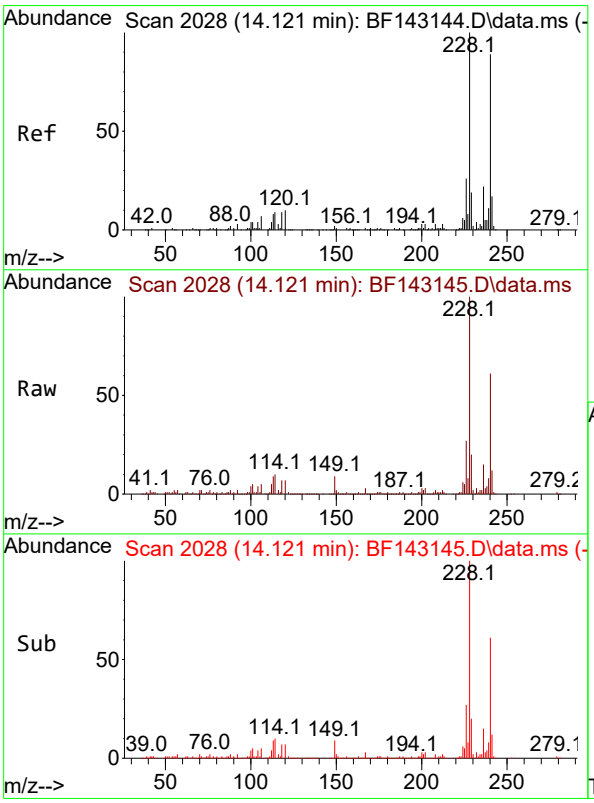
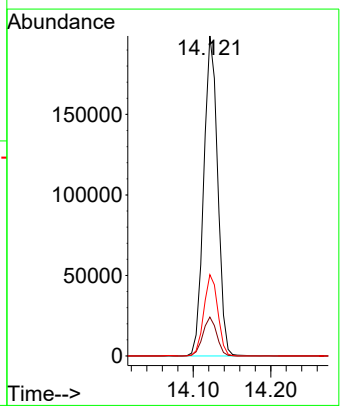
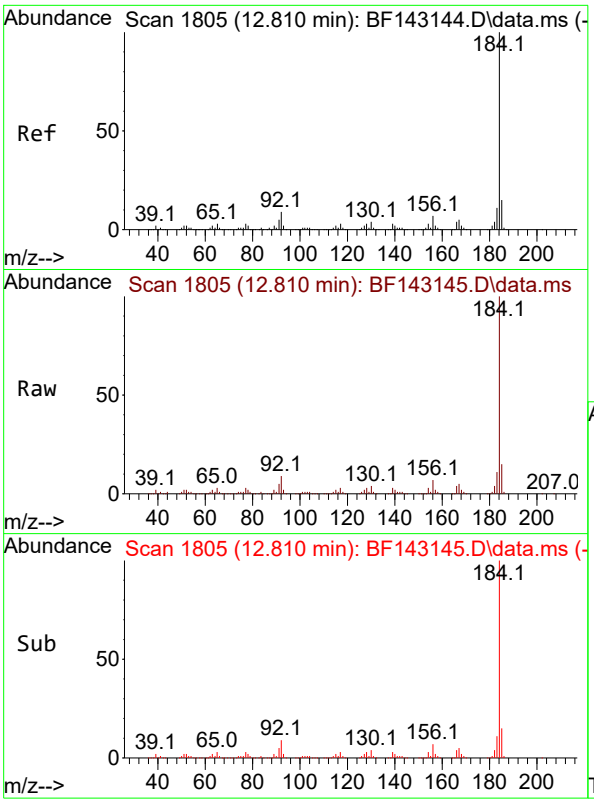


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:240 Resp: 247878

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.4	14.2
236	25.4	20.2	30.4

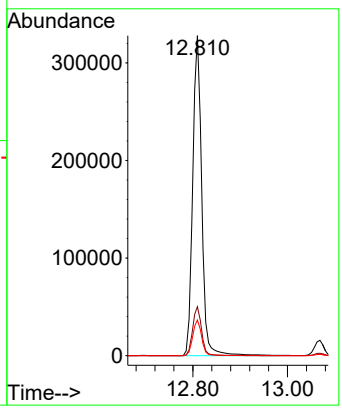




#77
Benzidine
Concen: 45.229 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:184 Resp: 43194

Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.2	18.4
183	11.2	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
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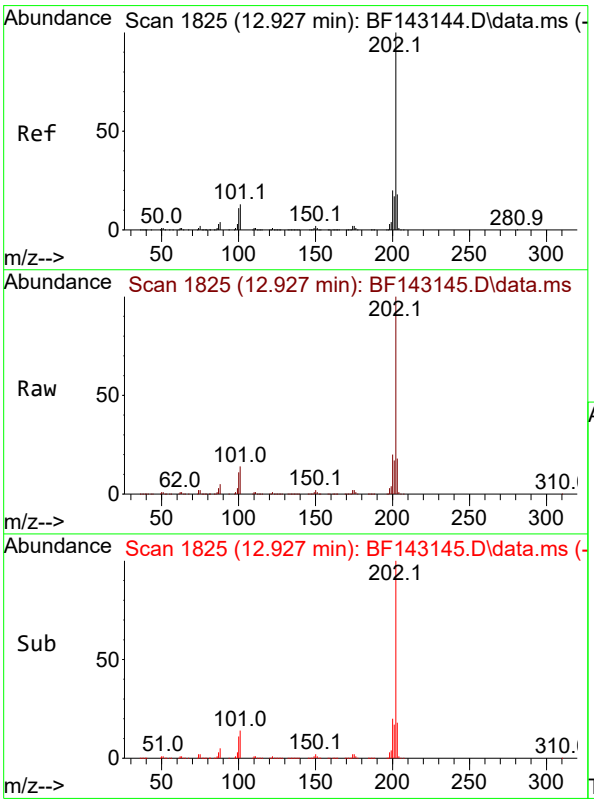
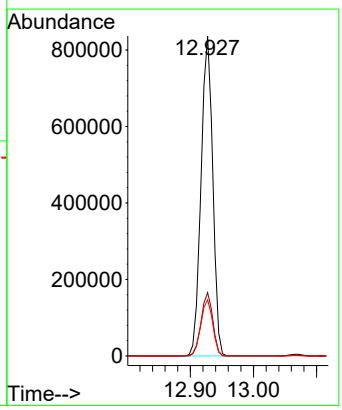
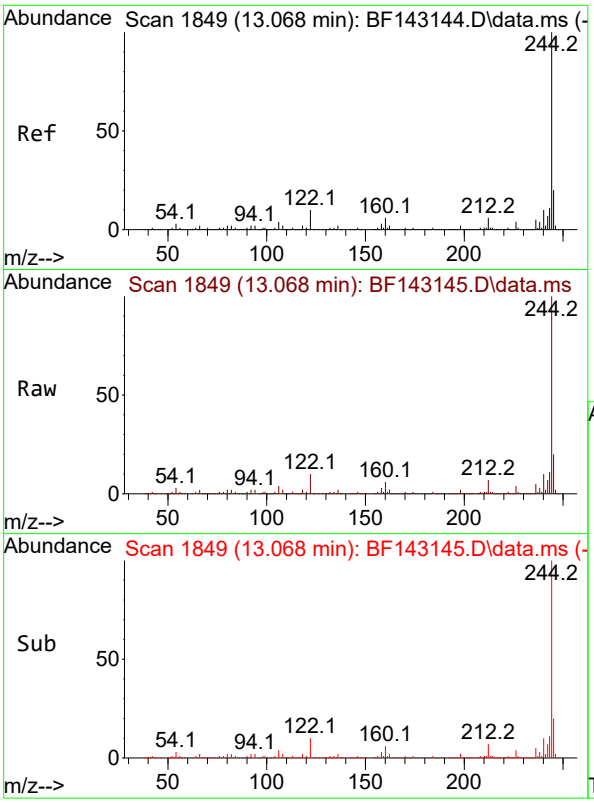


#78
Pyrene
Concen: 50.982 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:202 Resp: 1078520

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.7	23.5
203	17.5	14.2	21.2

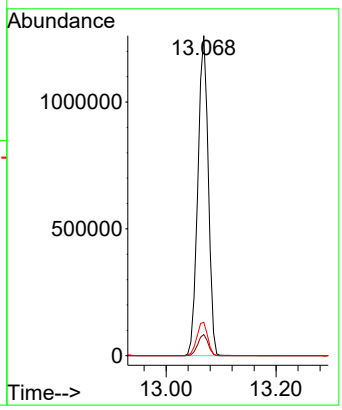




#79
Terphenyl-d14
Concen: 99.838 ng
RT: 13.068 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:244 Resp: 166303

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	10.4	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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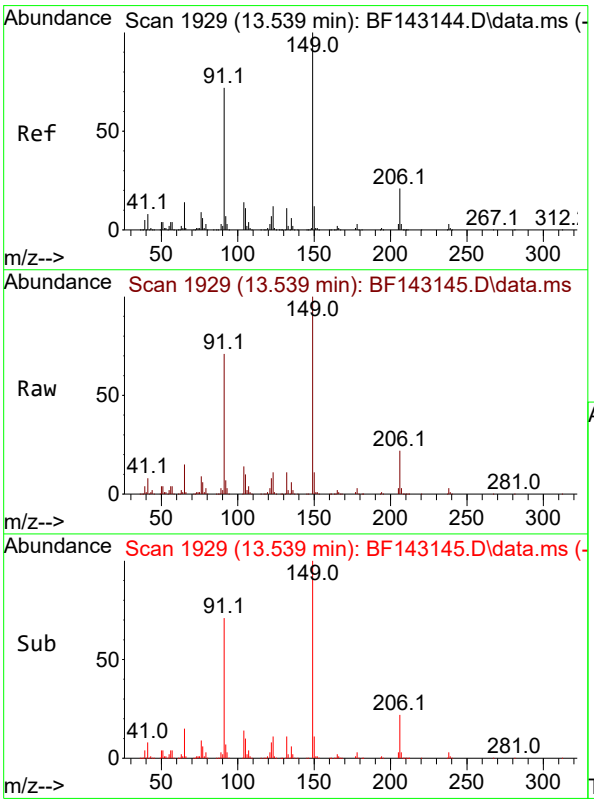
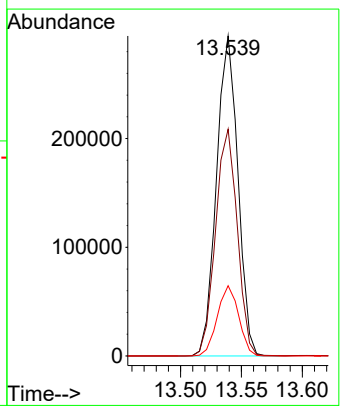
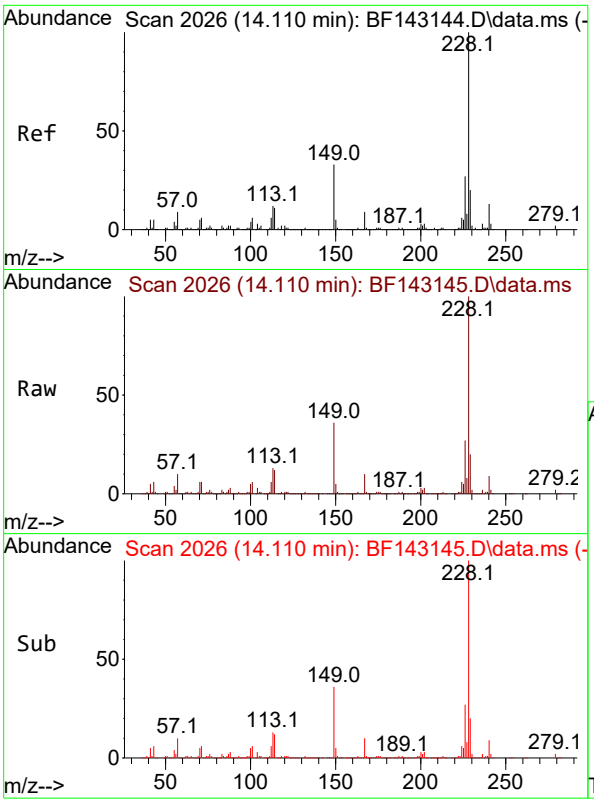


#80
Butylbenzylphthalate
Concen: 55.681 ng
RT: 13.539 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:149 Resp: 360698

Ion	Ratio	Lower	Upper
149	100		
91	70.8	57.9	86.9
206	22.0	17.0	25.4

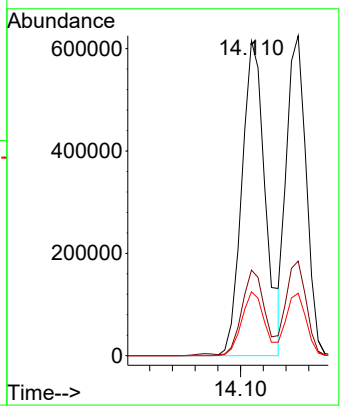




#81
Benzo(a)anthracene
Concen: 53.085 ng
RT: 14.110 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:228 Resp: 88097

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.7	32.5
229	20.3	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
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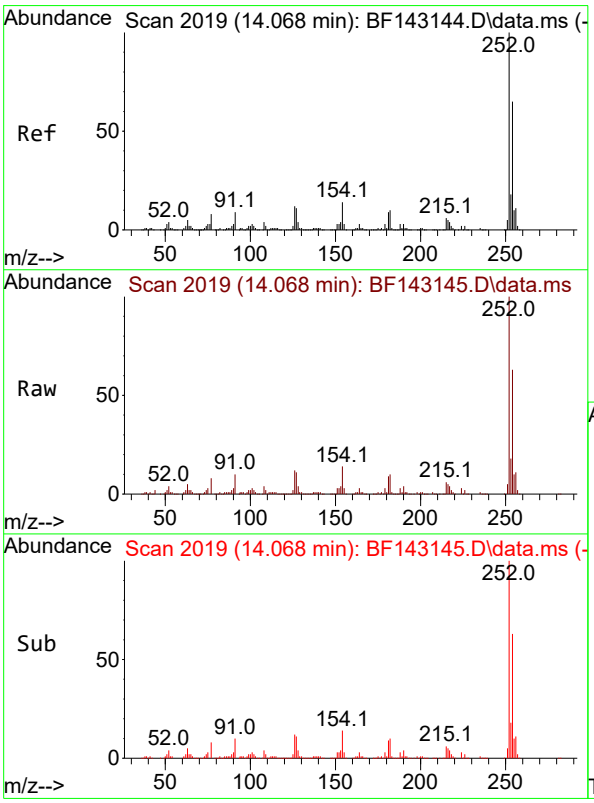
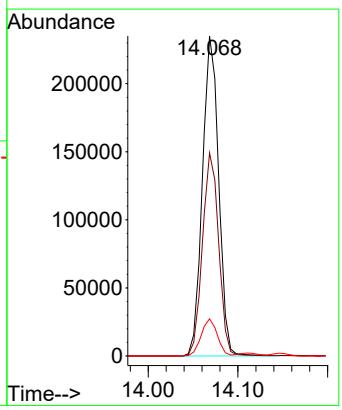
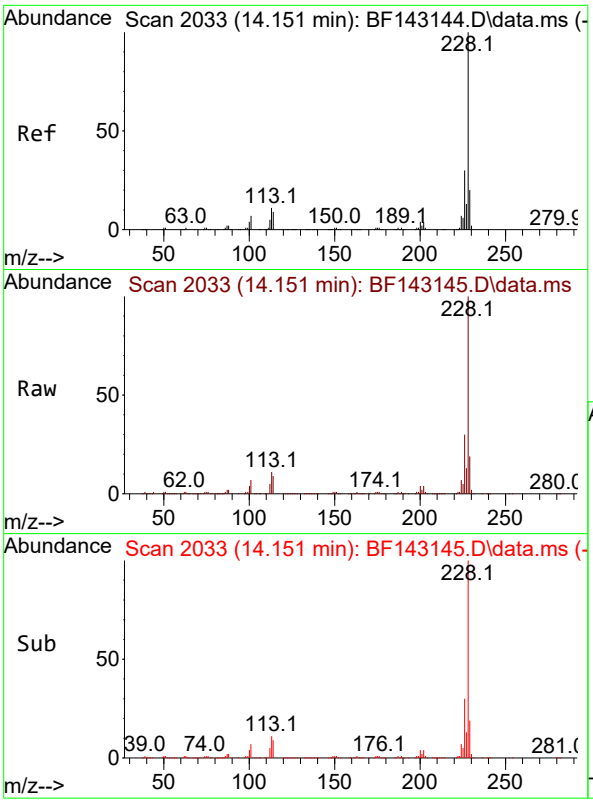


#82
3,3'-Dichlorobenzidine
Concen: 53.305 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:252 Resp: 294836

Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.7	77.5
126	11.6	9.4	14.0

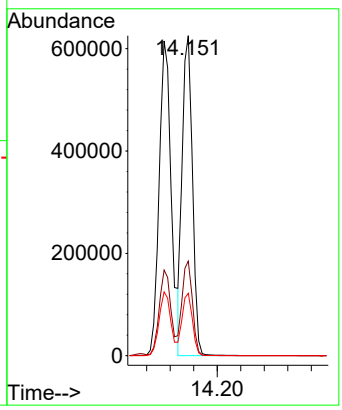




#83
Chrysene
Concen: 50.597 ng
RT: 14.151 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:228 Resp: 75495

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.8
229	19.5	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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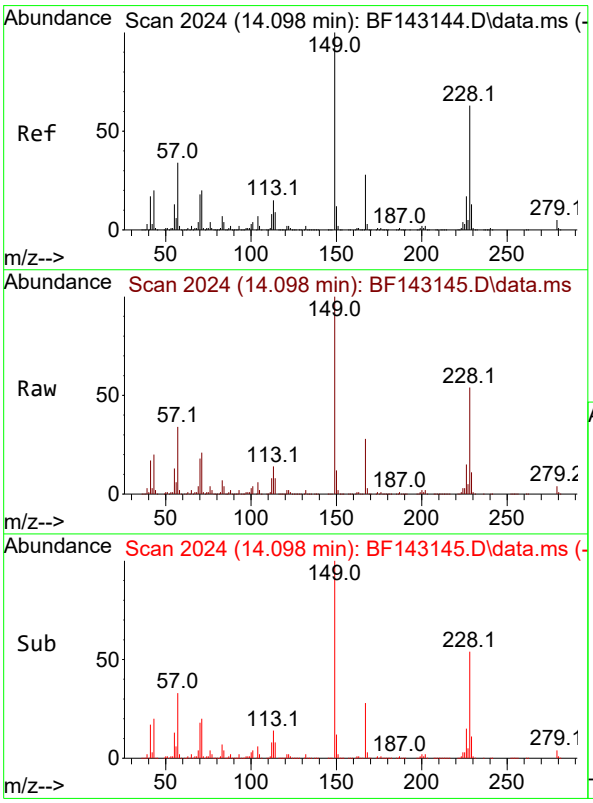
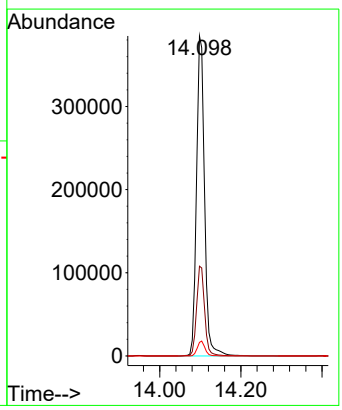
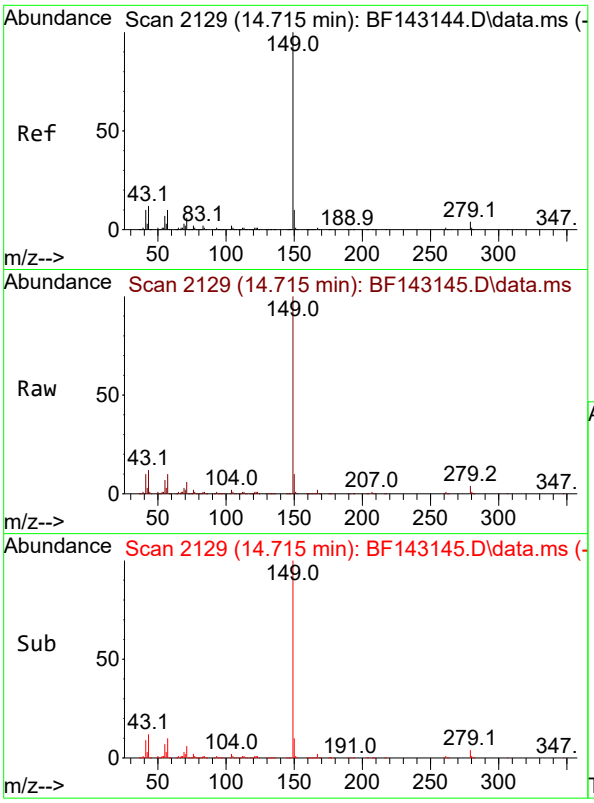


#84
Bis(2-ethylhexyl)phthalate
Concen: 54.475 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:149 Resp: 534128

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.3	33.5
279	4.3	3.6	5.4

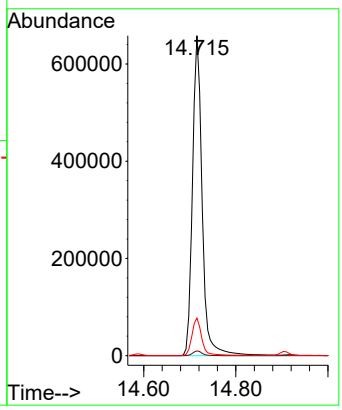




#85
Di-n-octyl phthalate
Concen: 54.032 ng
RT: 14.715 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:149 Resp: 960309

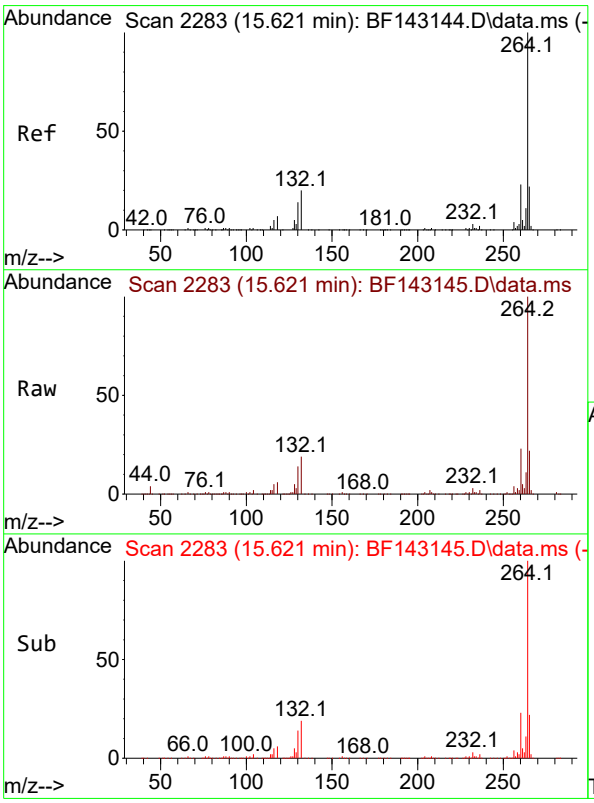
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.9	9.7	14.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

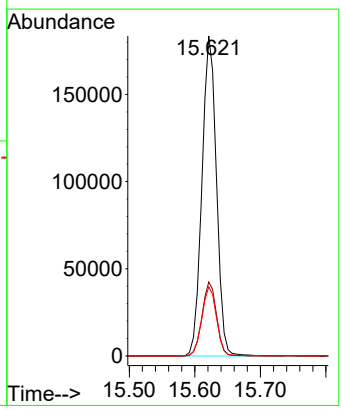
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

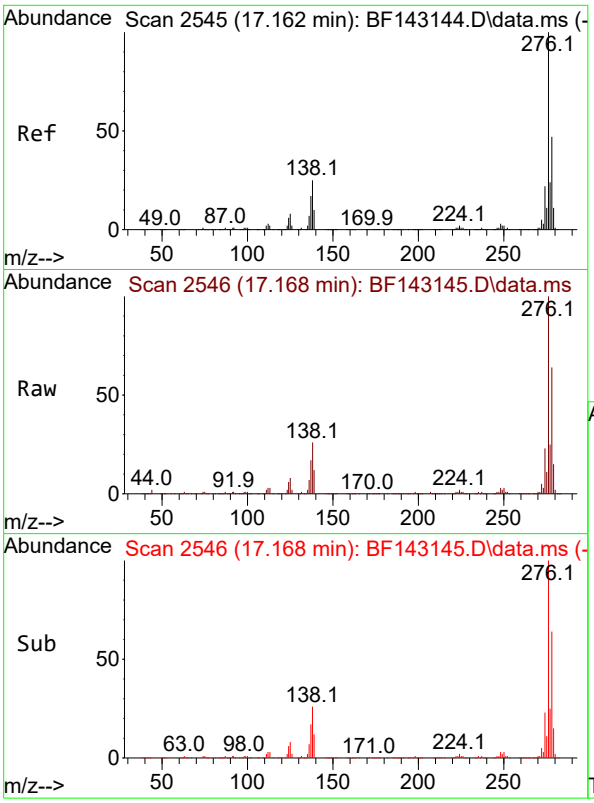


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:264 Resp: 282289

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.6	17.4	26.2

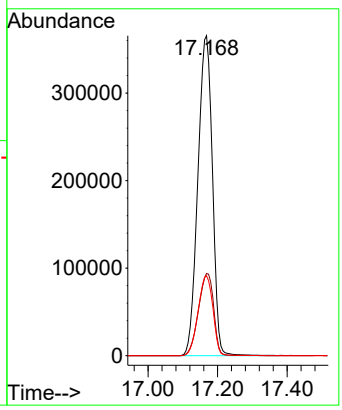




#87
Indeno(1,2,3-cd)pyrene
Concen: 53.347 ng
RT: 17.168 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:276 Resp: 106187

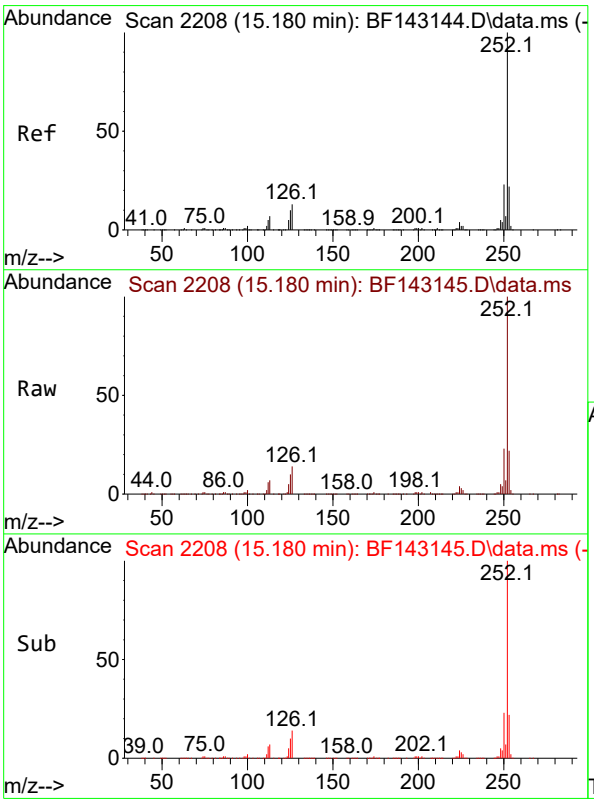
Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.8	32.6
277	25.4	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

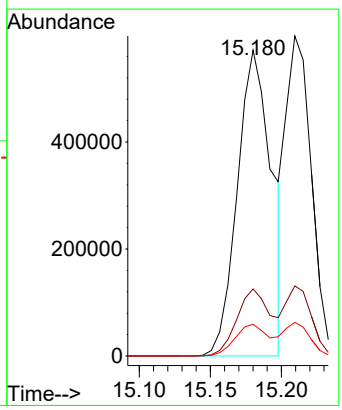
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

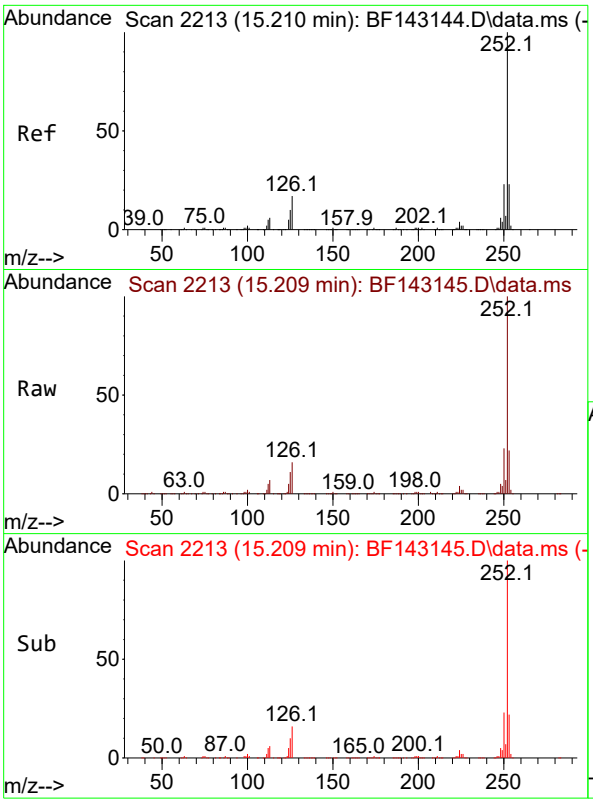


#88
Benzo(b)fluoranthene
Concen: 55.319 ng
RT: 15.180 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:252 Resp: 953990

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.4	8.0	12.0

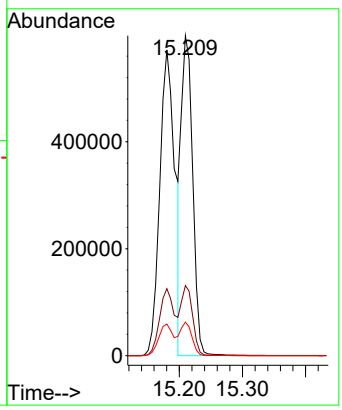




#89
Benzo(k)fluoranthene
Concen: 49.024 ng
RT: 15.209 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:252 Resp: 75441

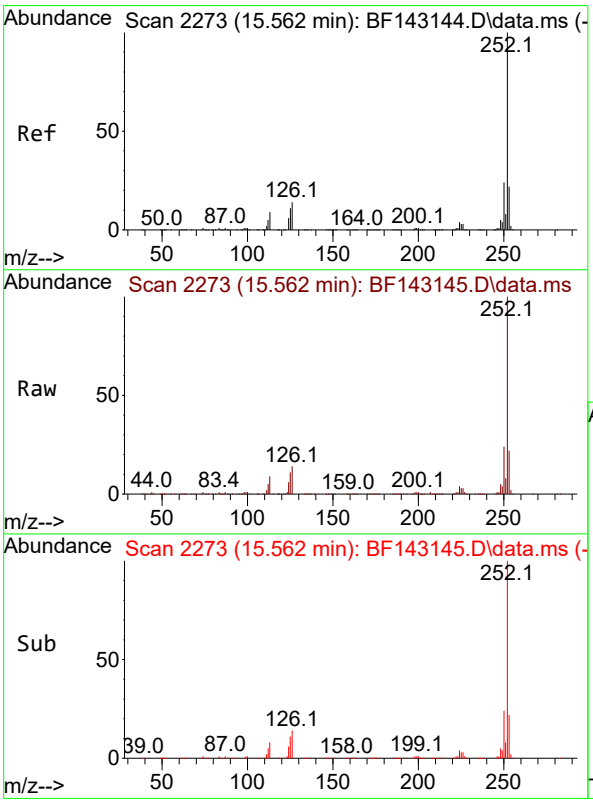
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.5	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

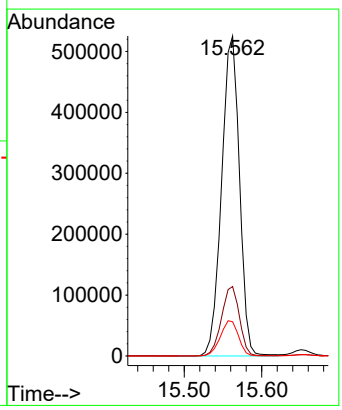
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

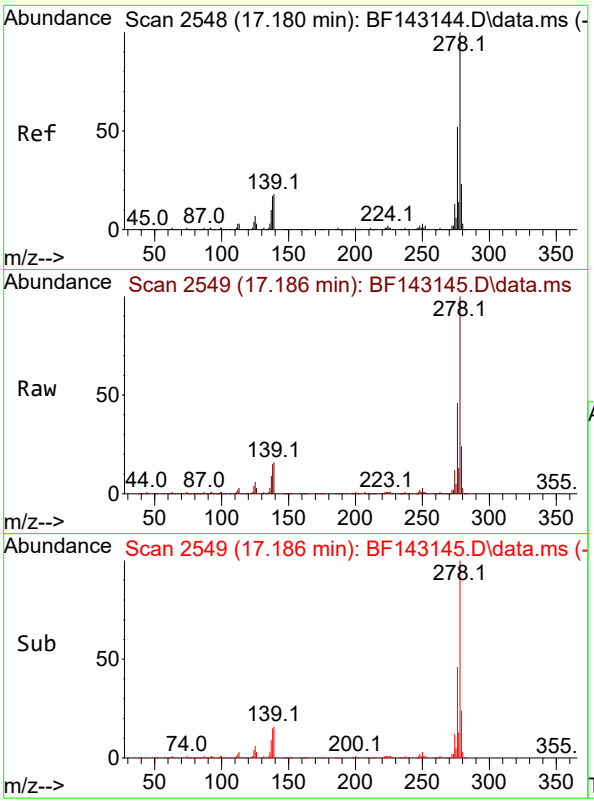


#90
Benzo(a)pyrene
Concen: 52.928 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:252 Resp: 840968

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	10.7	8.6	13.0

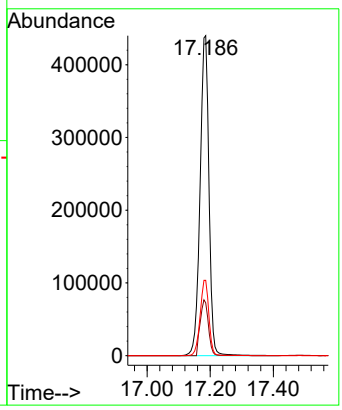




#91
Dibenzo(a,h)anthracene
Concen: 53.172 ng
RT: 17.186 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:278 Resp: 86146

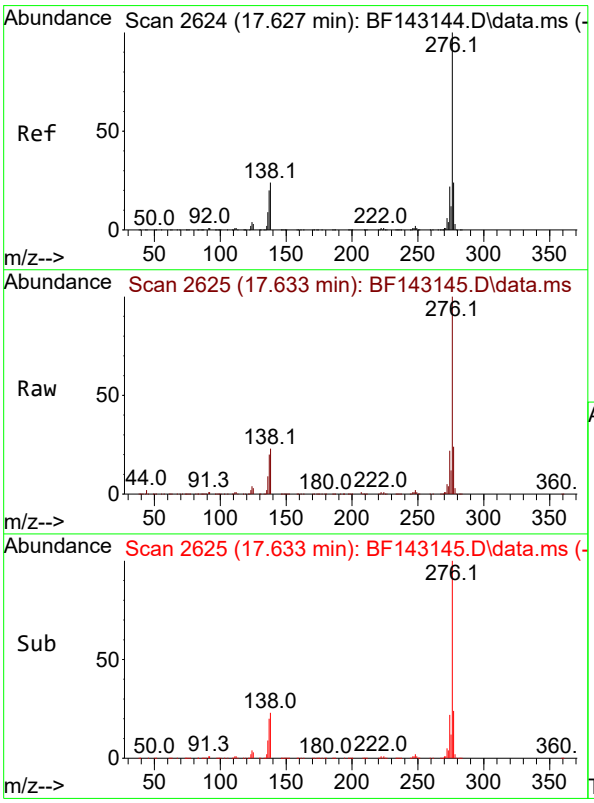
Ion	Ratio	Lower	Upper
278	100		
139	16.5	14.1	21.1
279	23.5	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

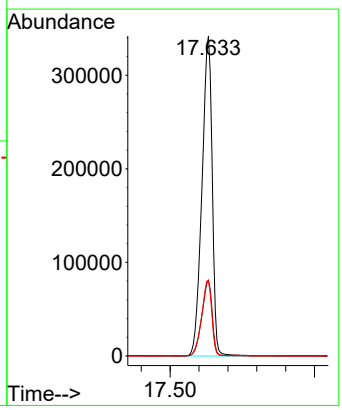
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#92
Benzo(g,h,i)perylene
Concen: 53.845 ng
RT: 17.633 min Scan# 2625
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:276 Resp: 843865

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	23.5	18.9	28.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143146.D
Acq On : 17 Jul 2025 14:04
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:05:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	153150	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	573541	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	286544	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	442888	20.000	ng	0.00
76) Chrysene-d12	14.121	240	264384	20.000	ng	0.00
86) Perylene-d12	15.621	264	315904	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1096776	113.327	ng	0.00
7) Phenol-d6	6.587	99	1384010	113.616	ng	0.00
23) Nitrobenzene-d5	7.528	82	1367018	118.809	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	354678	119.817	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	2274500	108.558	ng	0.00
79) Terphenyl-d14	13.069	244	1888544	106.298	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.805	88	268511	58.635	ng	99
3) Pyridine	3.581	79	700860	58.965	ng	99
4) n-Nitrosodimethylamine	3.534	42	369452	60.203	ng	99
6) Aniline	6.628	93	982918	57.896	ng	100
8) 2-Chlorophenol	6.751	128	589870	58.147	ng	98
9) Benzaldehyde	6.516	77	515585	56.445	ng	99
10) Phenol	6.604	94	769713m	58.002	ng	
11) bis(2-Chloroethyl)ether	6.698	93	588491	57.918	ng	99
12) 1,3-Dichlorobenzene	6.910	146	625605	56.769	ng	99
13) 1,4-Dichlorobenzene	6.981	146	623375	56.171	ng	98
14) 1,2-Dichlorobenzene	7.140	146	598571	56.708	ng	99
15) Benzyl Alcohol	7.098	79	548155	58.934	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.240	45	1076628	57.120	ng	98
17) 2-Methylphenol	7.210	107	498077	58.393	ng	99
18) Hexachloroethane	7.481	117	225488	58.691	ng	99
19) n-Nitroso-di-n-propyla...	7.381	70	437750	56.012	ng	100
20) 3+4-Methylphenols	7.363	107	582354	56.273	ng	96
22) Acetophenone	7.375	105	760969	56.041	ng	99
24) Nitrobenzene	7.545	77	641832	59.832	ng	99
25) Isophorone	7.787	82	1202506	59.202	ng	99
26) 2-Nitrophenol	7.857	139	304218	65.345	ng	97
27) 2,4-Dimethylphenol	7.892	122	548823	57.833	ng	99
28) bis(2-Chloroethoxy)met...	7.992	93	696403	57.184	ng	99
29) 2,4-Dichlorophenol	8.098	162	466809	58.329	ng	98
30) 1,2,4-Trichlorobenzene	8.187	180	498478	57.653	ng	99
31) Naphthalene	8.269	128	1575696	55.784	ng	99
32) Benzoic acid	8.010	122	321703	58.961	ng	99
33) 4-Chloroaniline	8.310	127	659467	57.178	ng	99
34) Hexachlorobutadiene	8.392	225	307552	58.230	ng	99
35) Caprolactam	8.692	113	145894	60.327	ng	100
36) 4-Chloro-3-methylphenol	8.787	107	506142	58.186	ng	99
37) 2-Methylnaphthalene	8.957	142	966031	56.203	ng	99
38) 1-Methylnaphthalene	9.057	142	997009	56.329	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	479450	57.955	ng	99
41) Hexachlorocyclopentadiene	9.116	237	337833	62.761	ng	99
43) 2,4,6-Trichlorophenol	9.234	196	344941	60.246	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143146.D
Acq On : 17 Jul 2025 14:04
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 17 15:05:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	339656	59.305	ng	99
46) 1,1'-Biphenyl	9.422	154	1265588	56.610	ng	100
47) 2-Chloronaphthalene	9.451	162	948912	57.364	ng	100
48) 2-Nitroaniline	9.534	65	331501	63.904	ng	99
49) Acenaphthylene	9.863	152	1576240	56.860	ng	100
50) Dimethylphthalate	9.722	163	1075052	57.558	ng	100
51) 2,6-Dinitrotoluene	9.775	165	238103	62.665	ng	97
52) Acenaphthene	10.039	154	930883	56.814	ng	98
53) 3-Nitroaniline	9.945	138	273506	61.542	ng	100
54) 2,4-Dinitrophenol	10.045	184	101491	60.690	ng	72
55) Dibenzofuran	10.210	168	1364531	56.093	ng	100
56) 4-Nitrophenol	10.092	139	203477	61.312	ng	99
57) 2,4-Dinitrotoluene	10.181	165	304460	63.868	ng	97
58) Fluorene	10.551	166	997710	54.647	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	283124	59.678	ng	99
60) Diethylphthalate	10.422	149	1057851	57.301	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	516980	56.867	ng	99
62) 4-Nitroaniline	10.563	138	232488	61.037	ng	98
63) Azobenzene	10.698	77	1098772	57.107	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	144751	60.728	ng	98
66) n-Nitrosodiphenylamine	10.657	169	910468	58.380	ng	98
67) 4-Bromophenyl-phenylether	11.028	248	318085	60.266	ng	99
68) Hexachlorobenzene	11.104	284	325779	59.054	ng	96
69) Atrazine	11.181	200	262374	61.024	ng	100
70) Pentachlorophenol	11.286	266	206417	63.625	ng	98
71) Phenanthrene	11.510	178	1331485	56.620	ng	100
72) Anthracene	11.563	178	1379601	57.522	ng	100
73) Carbazole	11.710	167	1194026	57.015	ng	100
74) Di-n-butylphthalate	12.045	149	1392335	58.757	ng	100
75) Fluoranthene	12.698	202	1232952	57.122	ng	99
77) Benzidine	12.810	184	476553	46.785	ng	100
78) Pyrene	12.927	202	1207978	53.536	ng	99
80) Butylbenzylphthalate	13.539	149	441334	63.875	ng	99
81) Benzo(a)anthracene	14.110	228	1041236	58.825	ng	99
82) 3,3'-Dichlorobenzidine	14.069	252	348979	59.155	ng	100
83) Chrysene	14.151	228	930545	58.472	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	655482	62.678	ng	100
85) Di-n-octyl phthalate	14.716	149	1196044	63.095	ng	100
87) Indeno(1,2,3-cd)pyrene	17.168	276	1337361	60.037	ng	99
88) Benzo(b)fluoranthene	15.180	252	1125667	58.328	ng	100
89) Benzo(k)fluoranthene	15.216	252	1023132	59.411	ng	99
90) Benzo(a)pyrene	15.563	252	1062049	59.730	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	1080768	59.610	ng	98
92) Benzo(g,h,i)perylene	17.639	276	1055168	60.163	ng	99

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

ICAL Form

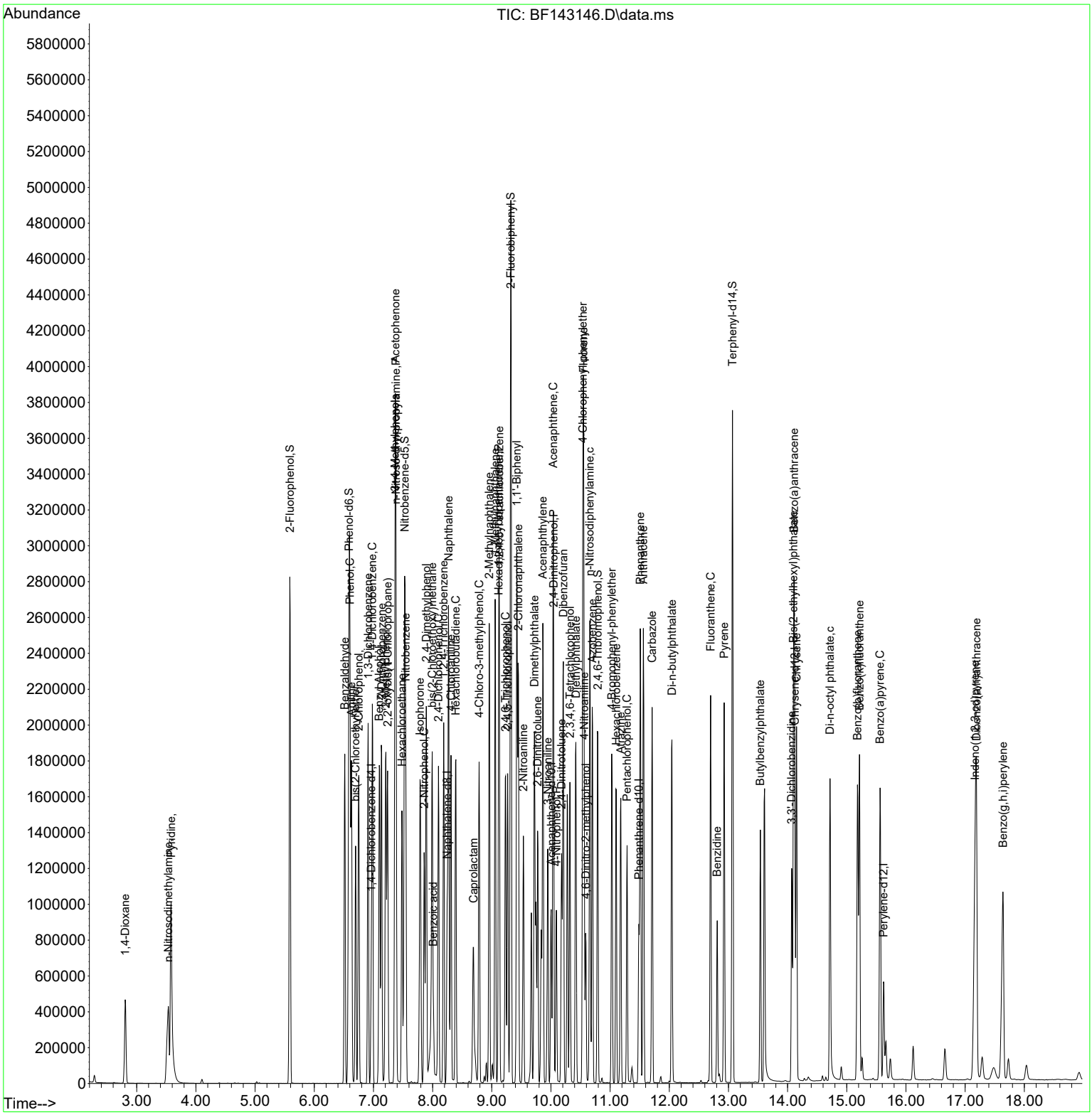
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143146.D
Acq On : 17 Jul 2025 14:04
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

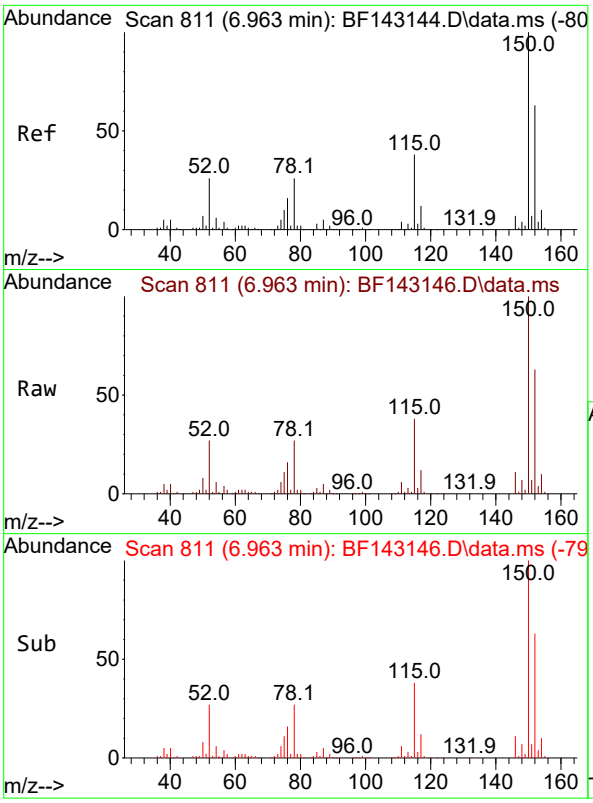
Quant Time: Jul 17 15:05:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

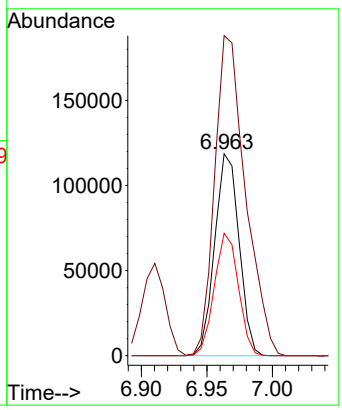




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:152 Resp: 15315

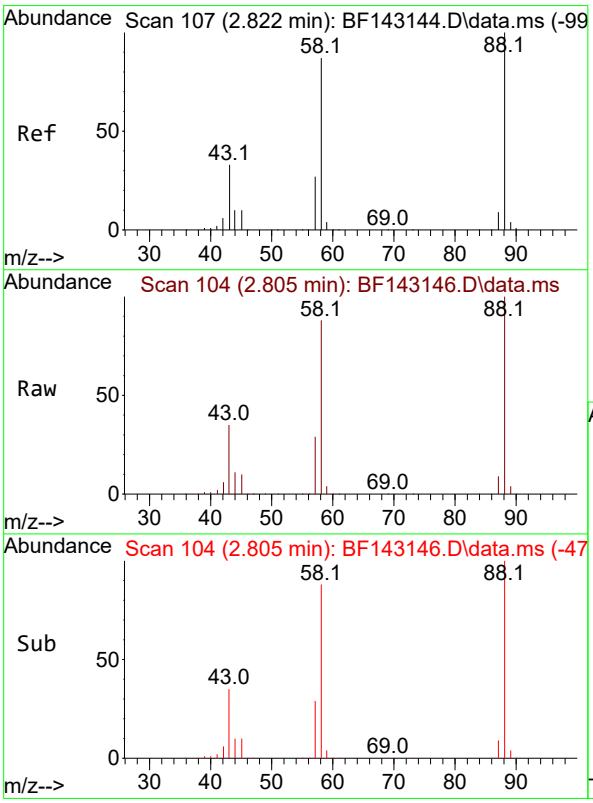
Ion	Ratio	Lower	Upper
152	100		
150	158.5	128.2	192.4
115	60.7	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

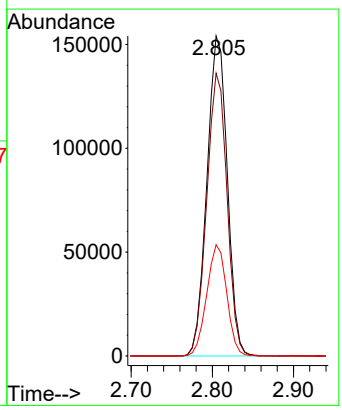
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

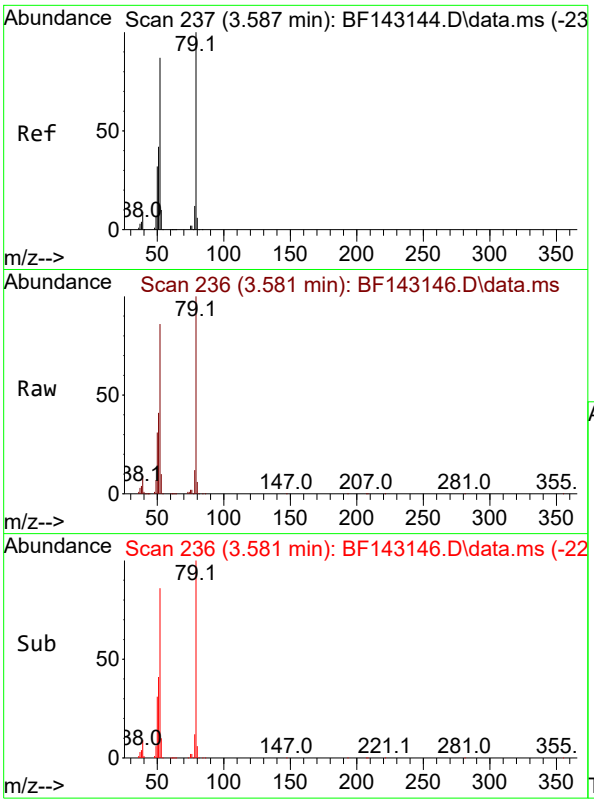


#2
1,4-Dioxane
Concen: 58.635 ng
RT: 2.805 min Scan# 104
Delta R.T. -0.018 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 88 Resp: 268511

Ion	Ratio	Lower	Upper
88	100		
58	88.2	70.2	105.2
43	34.2	27.1	40.7

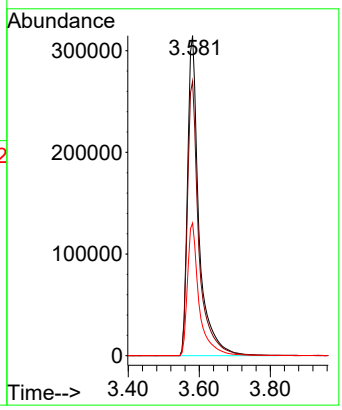




#3
Pyridine
Concen: 58.965 ng
RT: 3.581 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 79 Resp: 70086

Ion	Ratio	Lower	Upper
79	100		
52	85.7	69.4	104.2
51	41.4	33.5	50.3



Instrument :
BNA_F
ClientSampleId :
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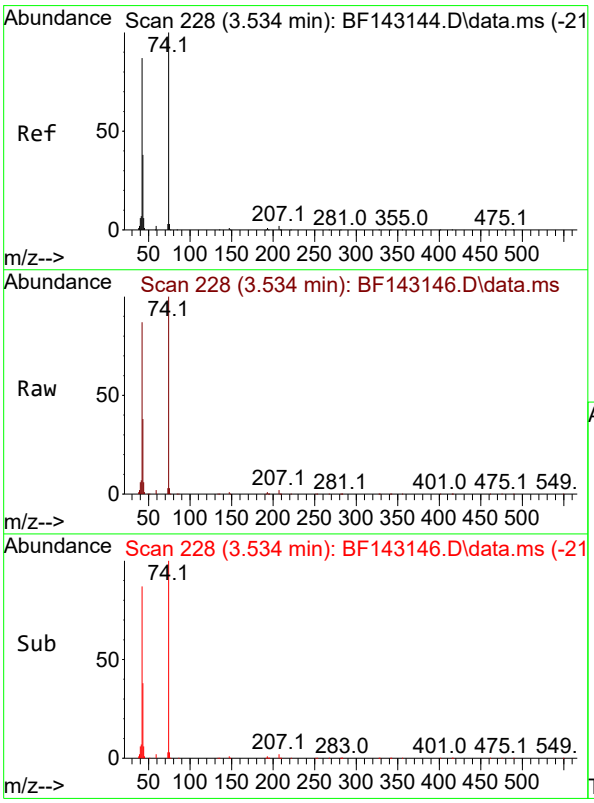
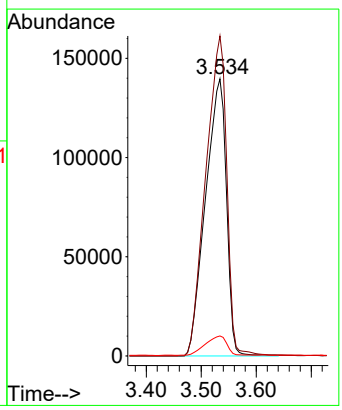
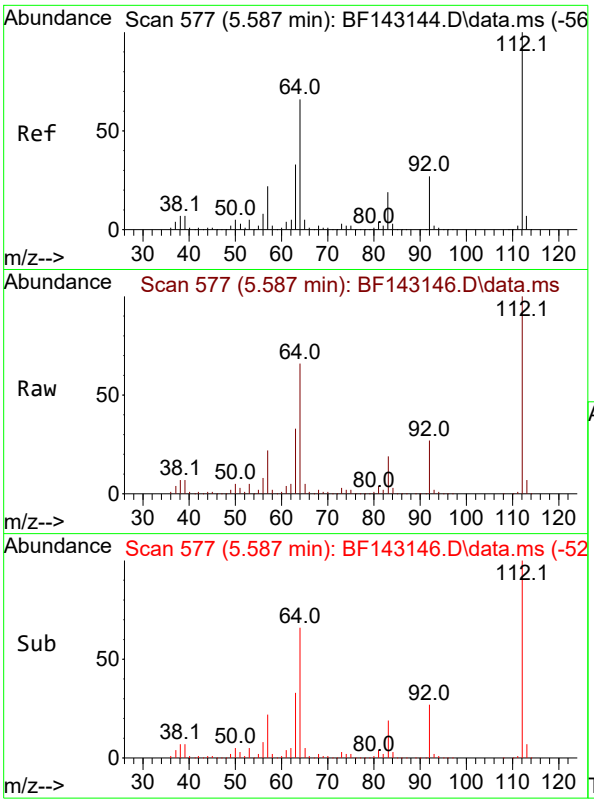


#4
n-Nitrosodimethylamine
Concen: 60.203 ng
RT: 3.534 min Scan# 228
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 42 Resp: 369452

Ion	Ratio	Lower	Upper
42	100		
74	115.5	91.7	137.5
44	7.2	5.6	8.4

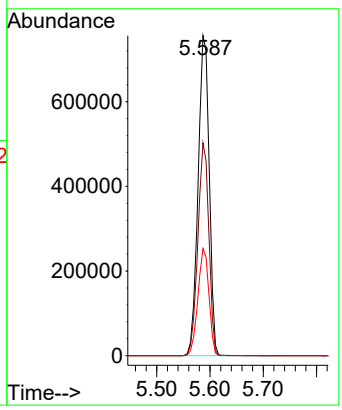




#5
2-Fluorophenol
Concen: 113.327 ng
RT: 5.587 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:112 Resp: 109677

Ion	Ratio	Lower	Upper
112	100		
64	66.5	53.1	79.7
63	33.4	26.6	40.0



Instrument :
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ClientSampleId :
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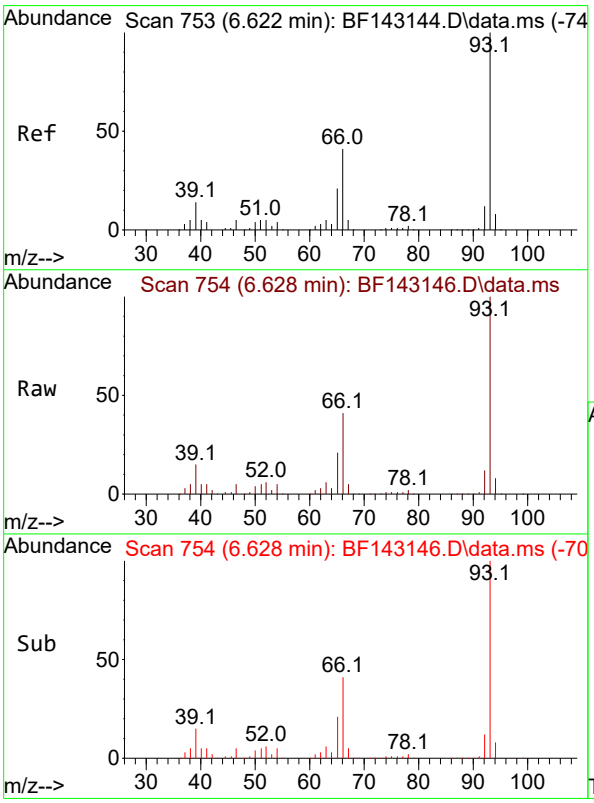
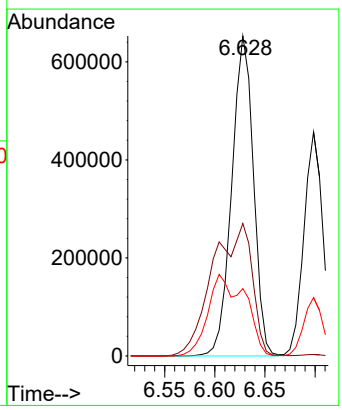
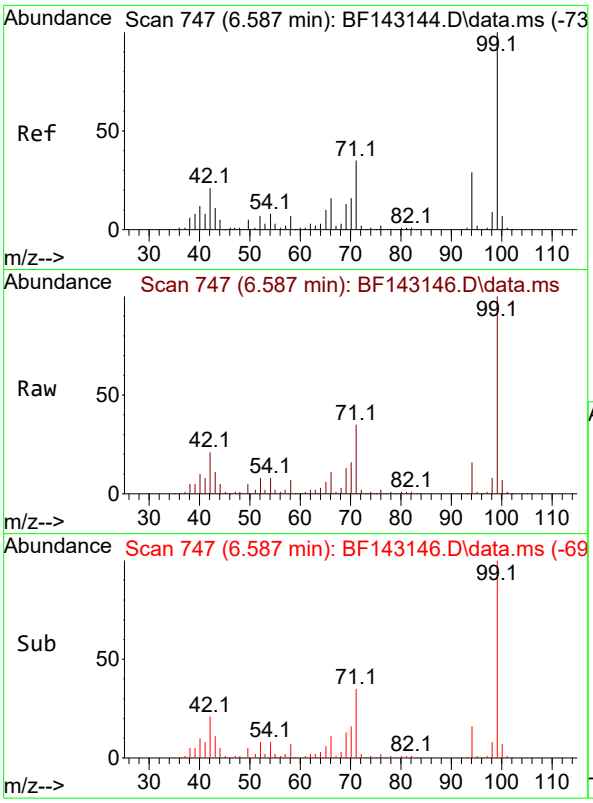


#6
Aniline
Concen: 57.896 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 93 Resp: 982918

Ion	Ratio	Lower	Upper
93	100		
66	41.4	33.2	49.8
65	21.0	16.9	25.3

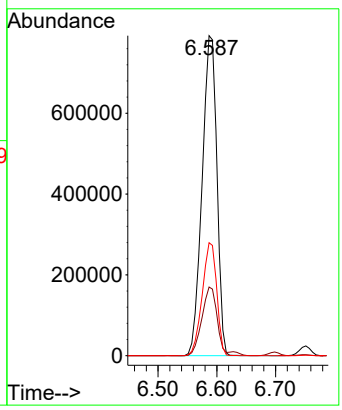




#7
Phenol-d6
Concen: 113.616 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 99 Resp: 138401

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.0	25.6
71	35.3	27.7	41.5



Instrument :
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ClientSampleId :
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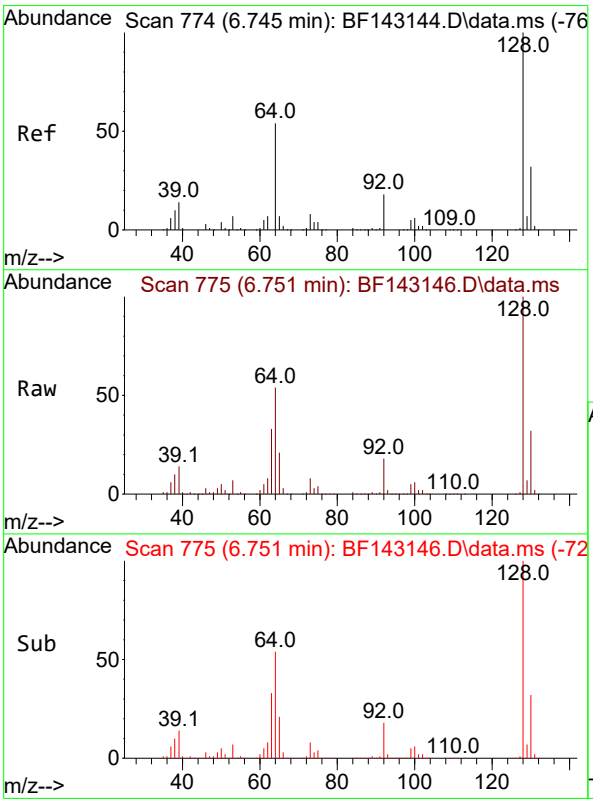
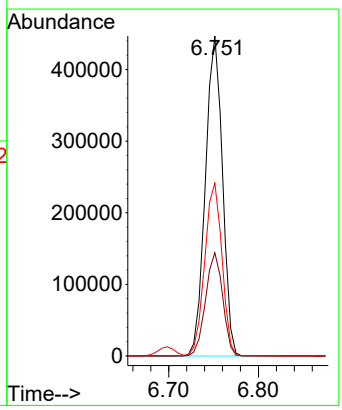
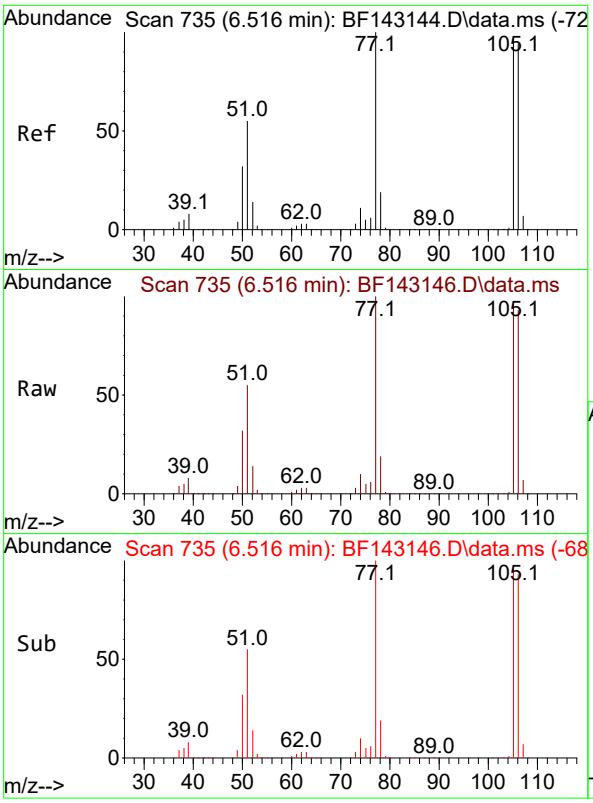


#8
2-Chlorophenol
Concen: 58.147 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:128 Resp: 589870

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.3	52.3
64	54.0	35.9	75.9

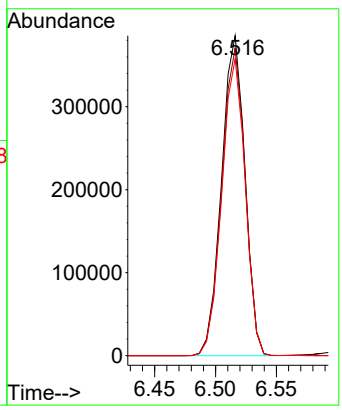




#9
Benzaldehyde
Concen: 56.445 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 77 Resp: 51558

Ion	Ratio	Lower	Upper
77	100		
105	96.1	76.8	116.8
106	92.7	74.4	114.4



Instrument :
BNA_F
ClientSampleId :
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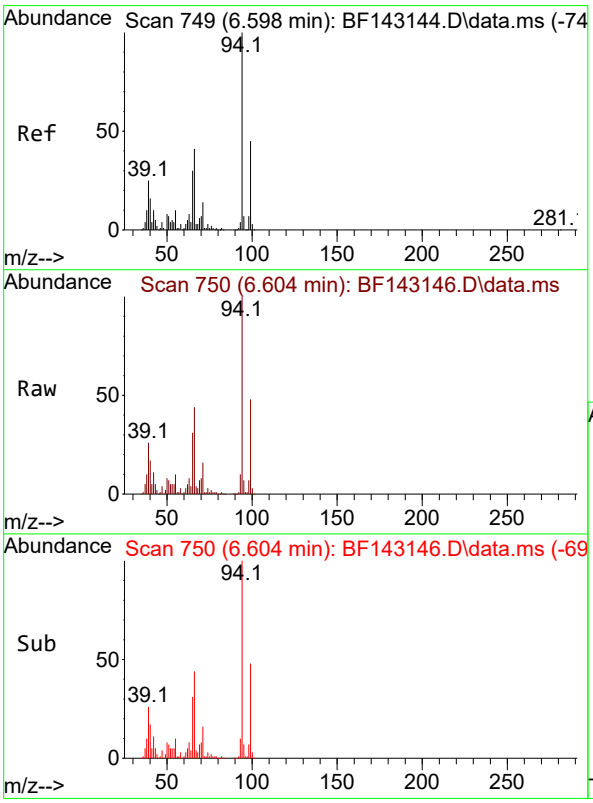
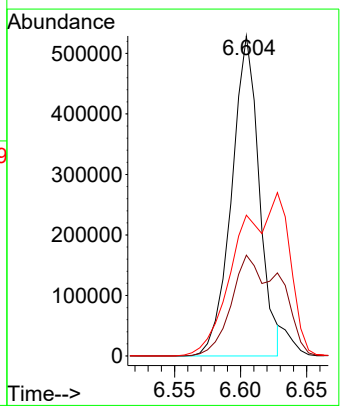
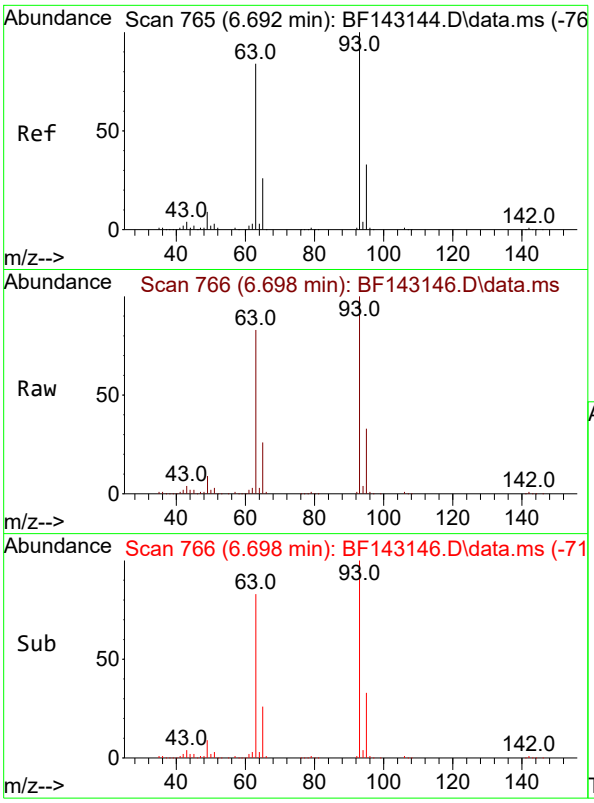


#10
Phenol
Concen: 58.002 ng m
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 94 Resp: 769713

Ion	Ratio	Lower	Upper
94	100		
65	31.5	10.0	50.0
66	44.0	20.8	60.8

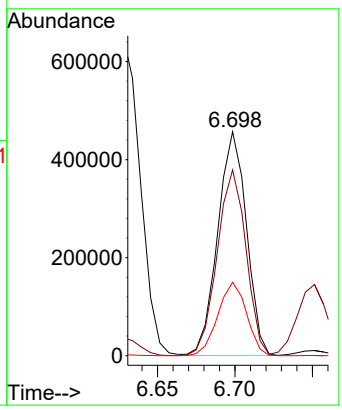




#11
bis(2-Chloroethyl)ether
Concen: 57.918 ng
RT: 6.698 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 93 Resp: 58849

Ion	Ratio	Lower	Upper
93	100		
63	82.9	63.4	103.4
95	32.8	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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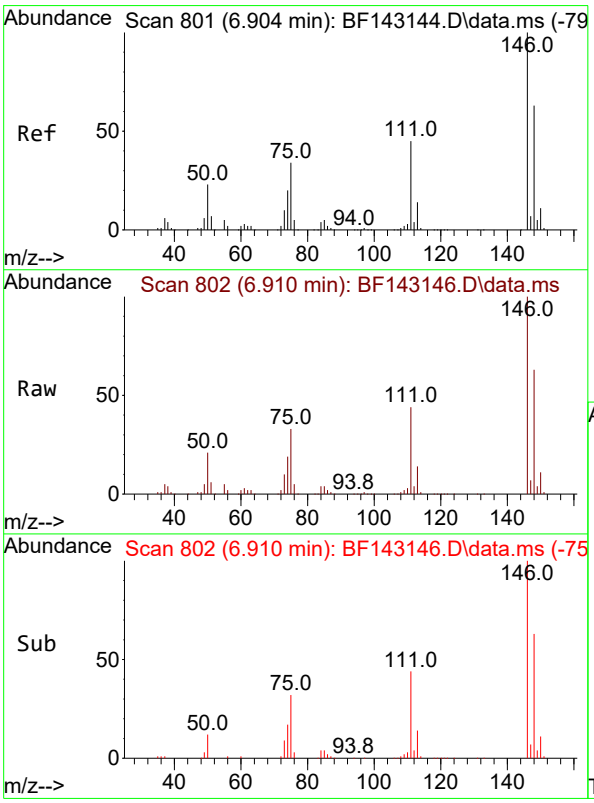
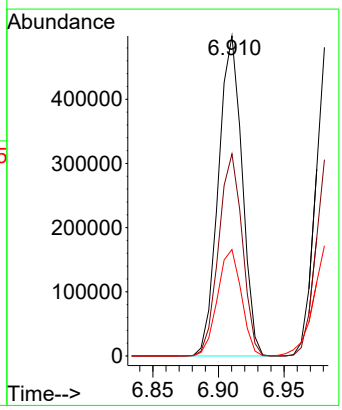
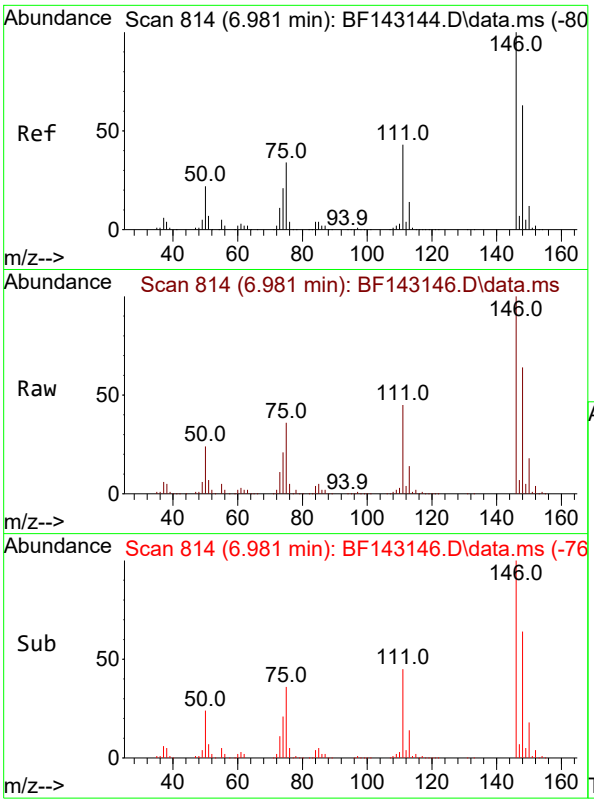


#12
1,3-Dichlorobenzene
Concen: 56.769 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:146 Resp: 625605

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	76.0
75	33.2	27.4	41.2

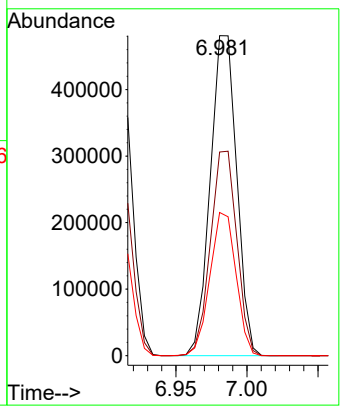




#13
1,4-Dichlorobenzene
Concen: 56.171 ng
RT: 6.981 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:146 Resp: 62337

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.3	75.5
111	44.7	34.4	51.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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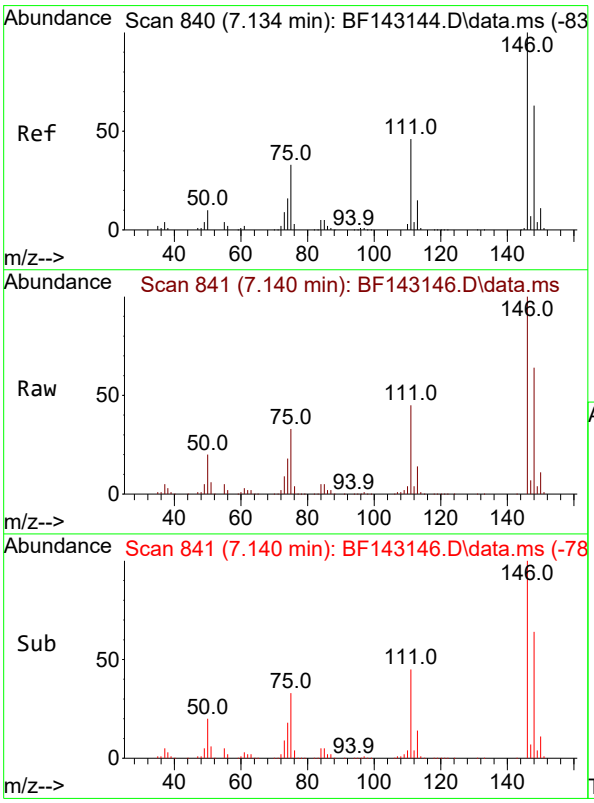
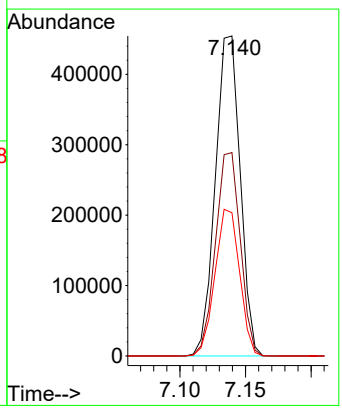
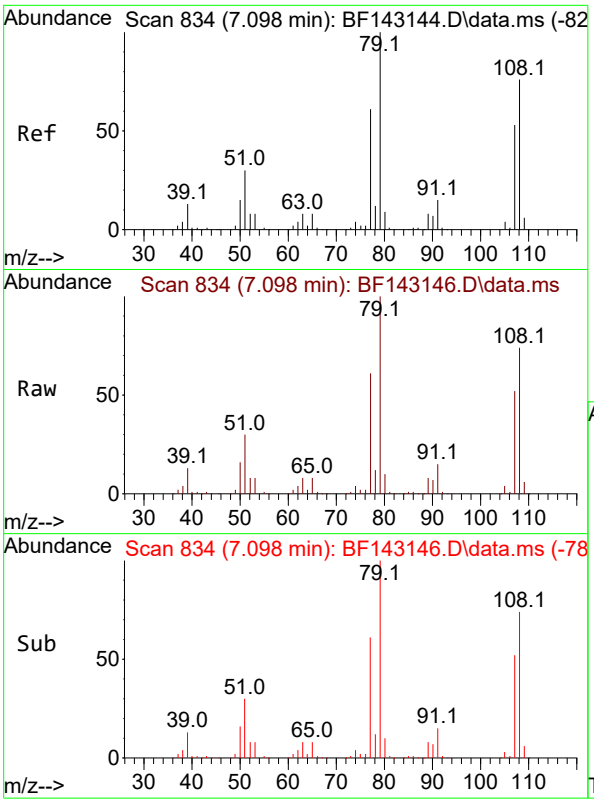


#14
1,2-Dichlorobenzene
Concen: 56.708 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:146 Resp: 598571

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.7	76.1
111	44.8	36.6	54.8

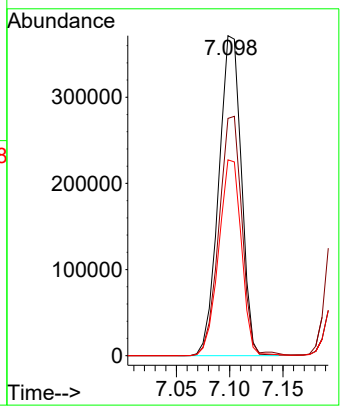




#15
Benzyl Alcohol
Concen: 58.934 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 79 Resp: 54815

Ion	Ratio	Lower	Upper
79	100		
108	74.2	61.1	91.7
77	61.2	48.9	73.3



Instrument :
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ClientSampleId :
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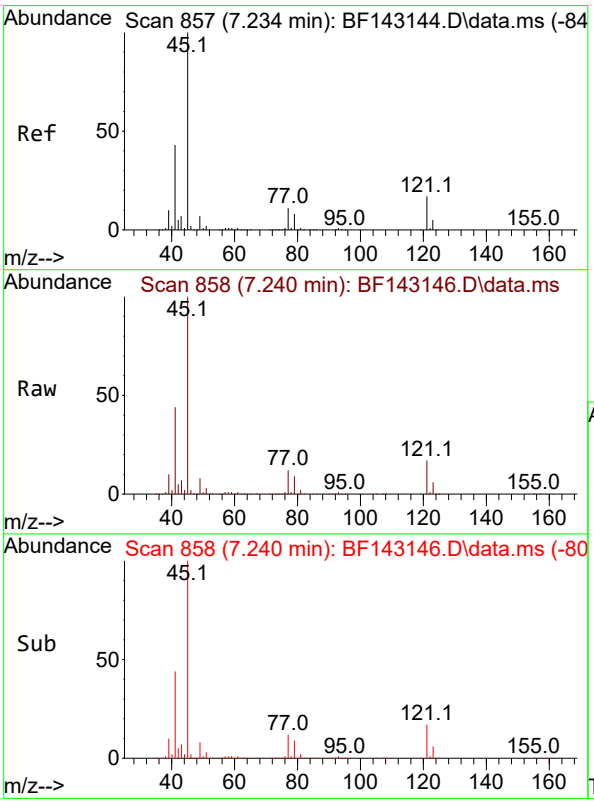
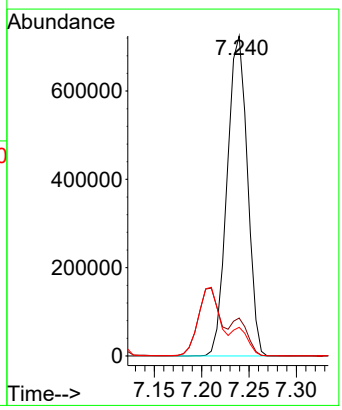
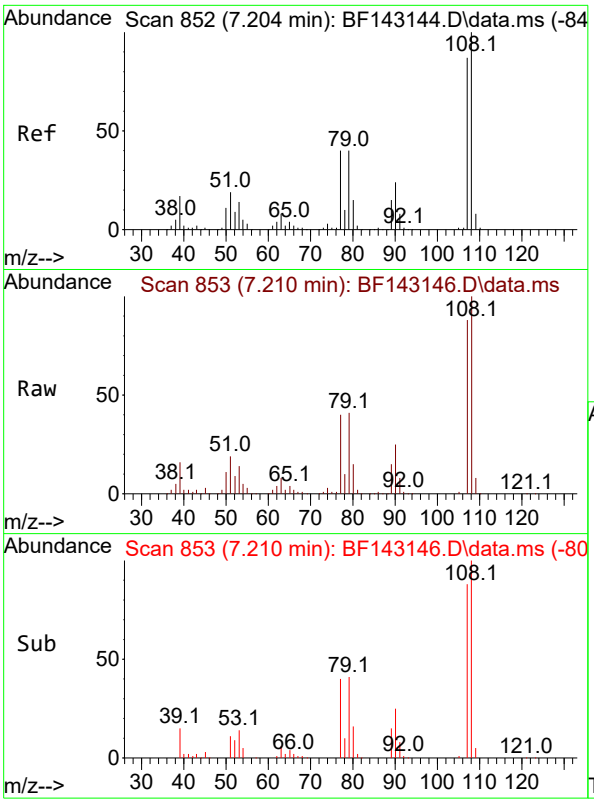


#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.120 ng
RT: 7.240 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 45 Resp: 1076628

Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	31.2
79	9.0	0.0	28.5

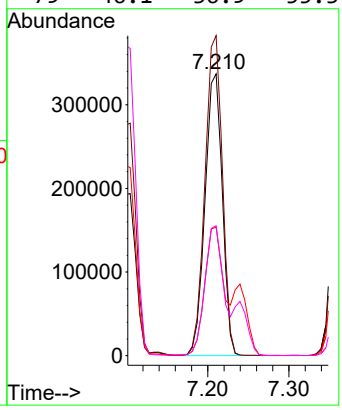




#17
2-Methylphenol
Concen: 58.393 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:107 Resp: 49807

Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.8	137.6
77	45.6	37.0	55.6
79	46.1	36.9	55.3



Instrument :
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ClientSampleId :
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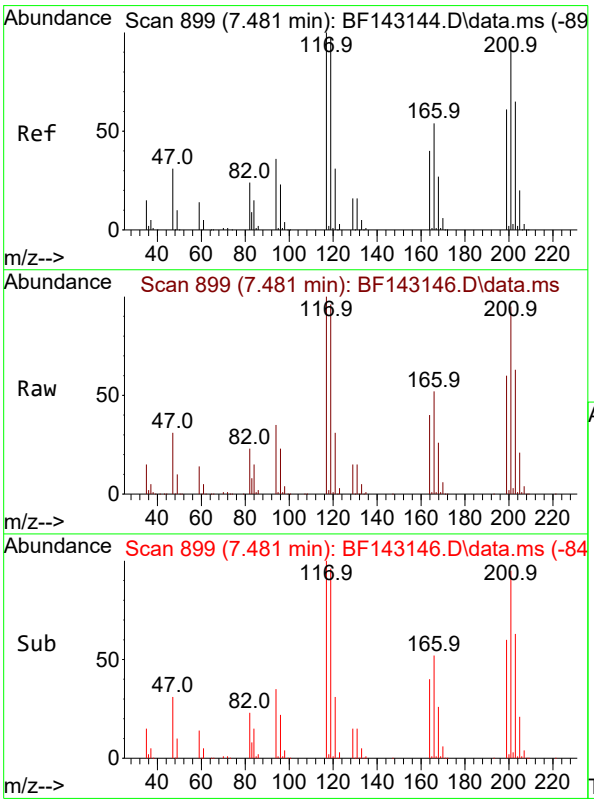
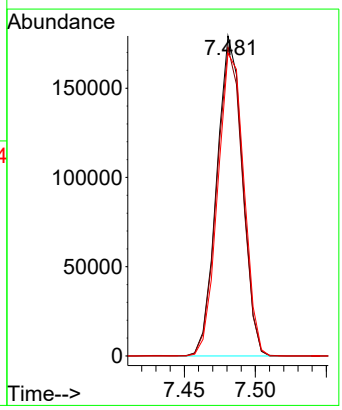
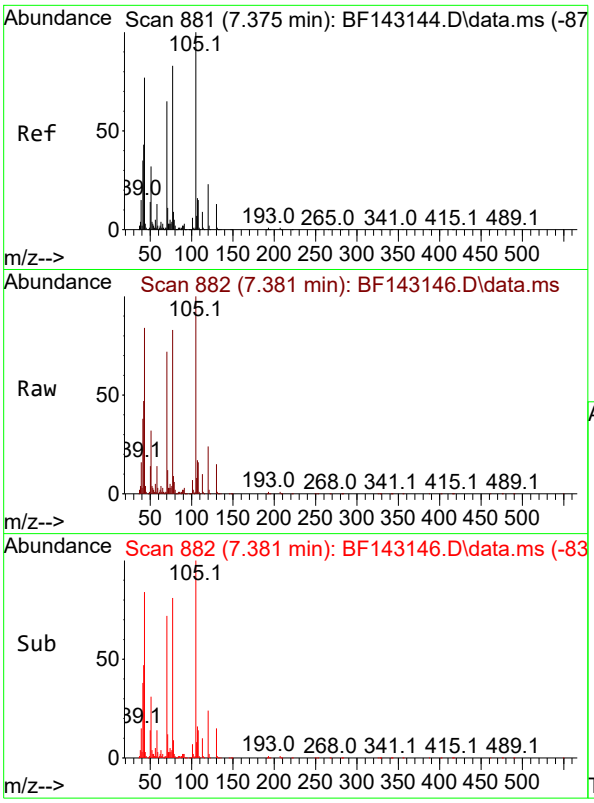


#18
Hexachloroethane
Concen: 58.691 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:117 Resp: 225488

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.8	116.8
201	94.6	77.0	115.4

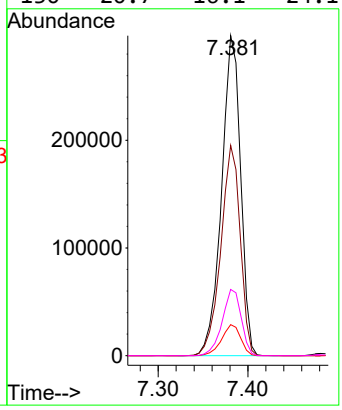




#19
n-Nitroso-di-n-propylamine
Concen: 56.012 ng
RT: 7.381 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 70 Resp: 43775

Ion	Ratio	Lower	Upper
70	100		
42	65.7	52.5	78.7
101	9.7	7.6	11.4
130	20.7	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
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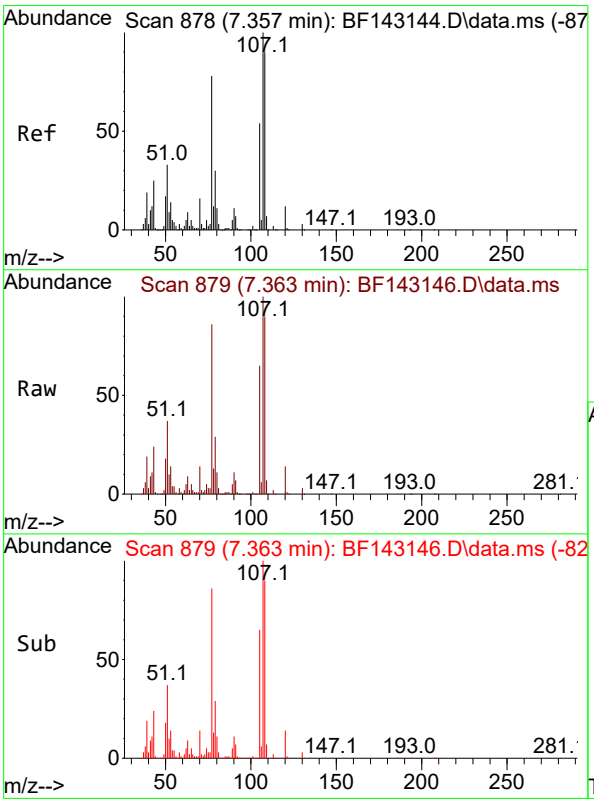
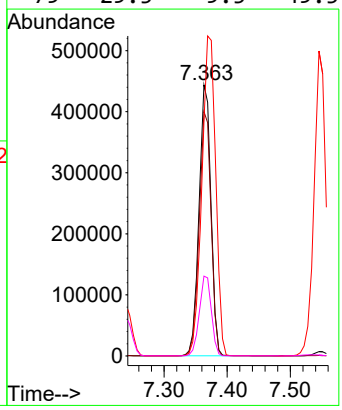
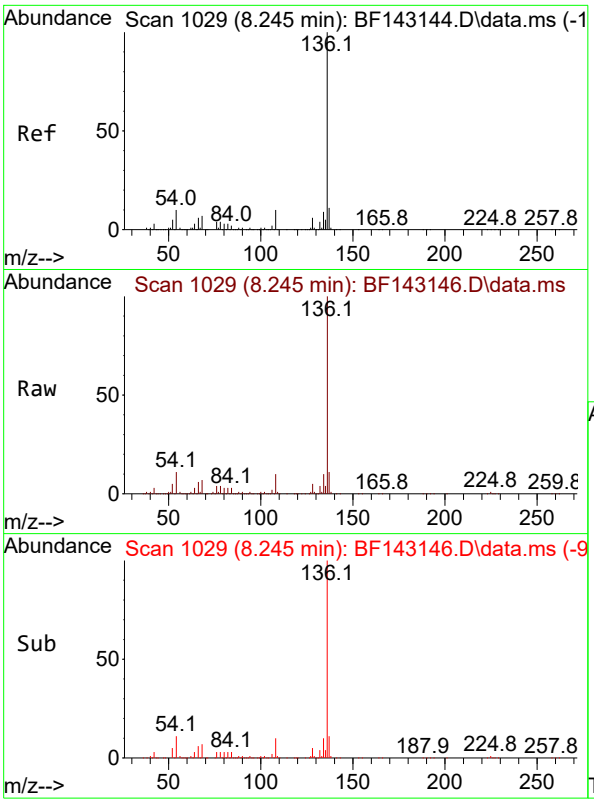


#20
3+4-Methylphenols
Concen: 56.273 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:107 Resp: 582354

Ion	Ratio	Lower	Upper
107	100		
108	90.1	70.0	110.0
77	86.3	57.8	97.8
79	29.5	9.5	49.5

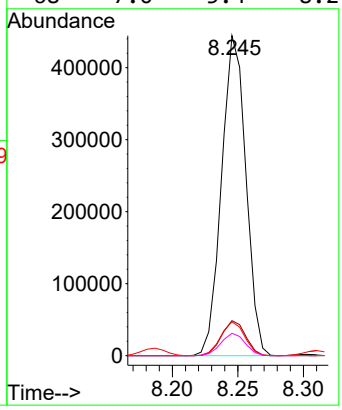




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:136 Resp: 57354

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.6	8.2	12.2
68	7.0	5.4	8.2



Instrument :
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ClientSampleId :
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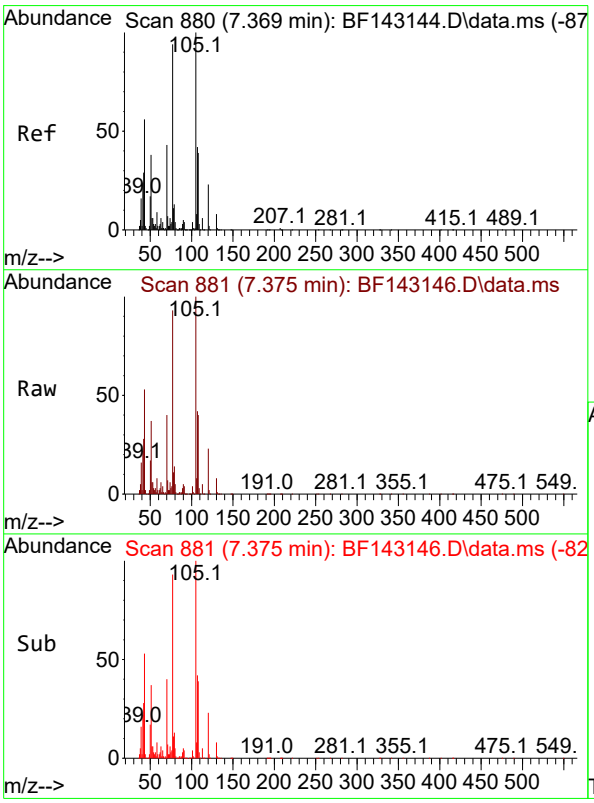
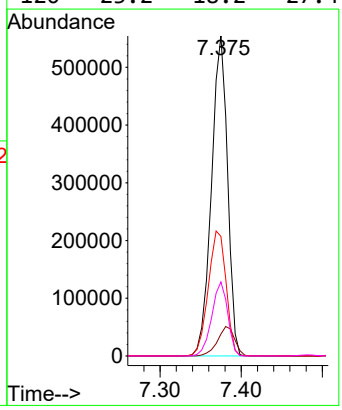
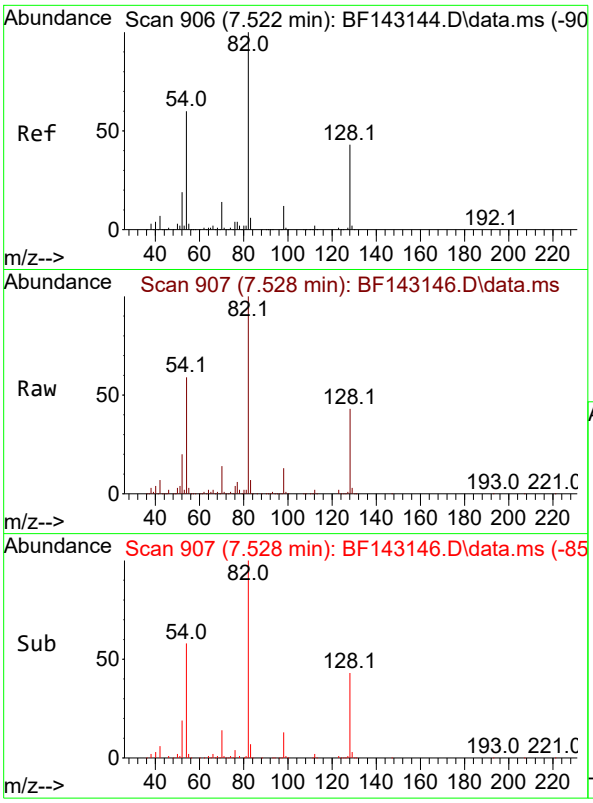


#22
Acetophenone
Concen: 56.041 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:105 Resp: 760969

Ion	Ratio	Lower	Upper
105	100		
71	6.9	5.8	8.6
51	37.4	30.2	45.2
120	23.2	18.2	27.4





#23
Nitrobenzene-d5
Concen: 118.809 ng
RT: 7.528 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 82 Resp: 136701

Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.6	50.4
54	58.9	47.1	70.7

Instrument :
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ClientSampleId :
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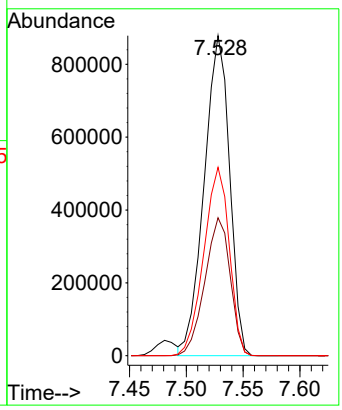
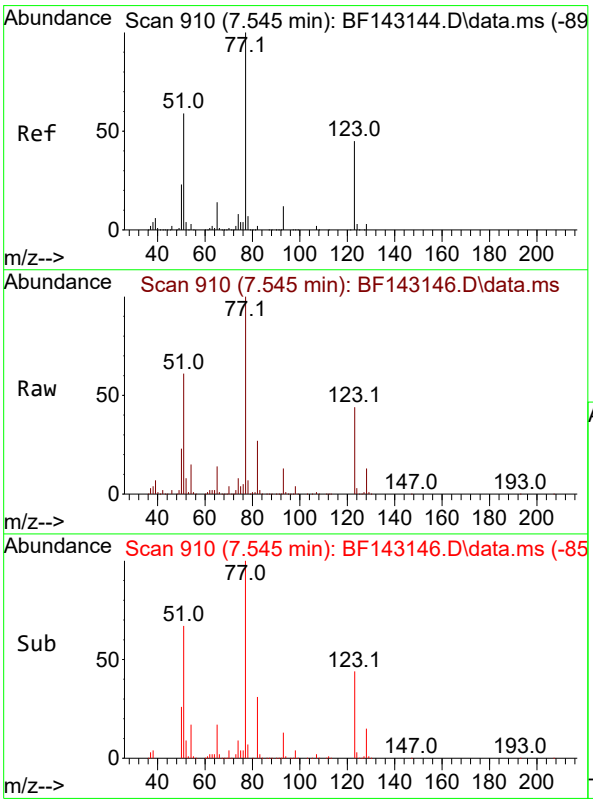
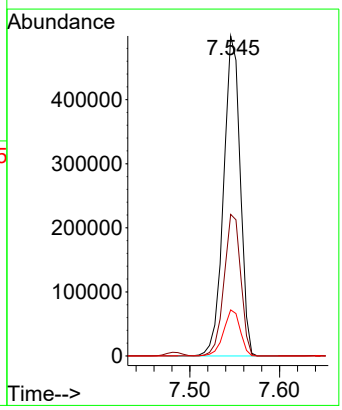


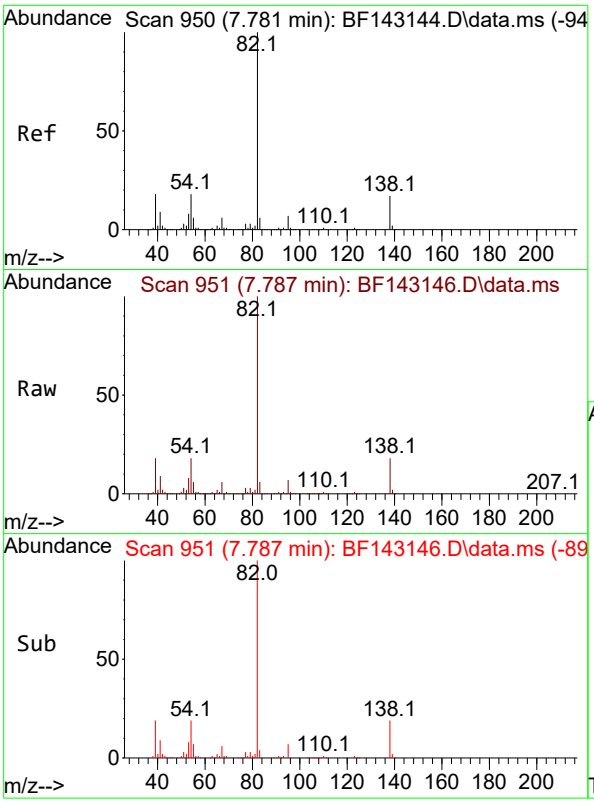


#24
Nitrobenzene
Concen: 59.832 ng
RT: 7.545 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 77 Resp: 641832

Ion	Ratio	Lower	Upper
77	100		
123	44.3	36.1	54.1
65	14.4	11.4	17.2





#25
Isophorone
Concen: 59.202 ng
RT: 7.787 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 82 Resp: 120250

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.5	8.3
138	17.9	13.8	20.8

Instrument :
BNA_F
ClientSampleId :
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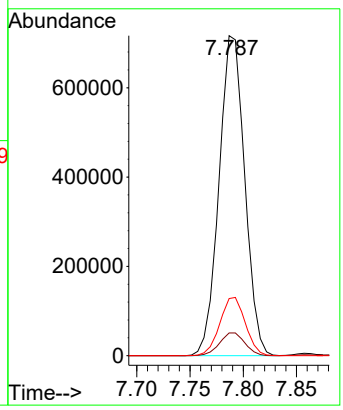
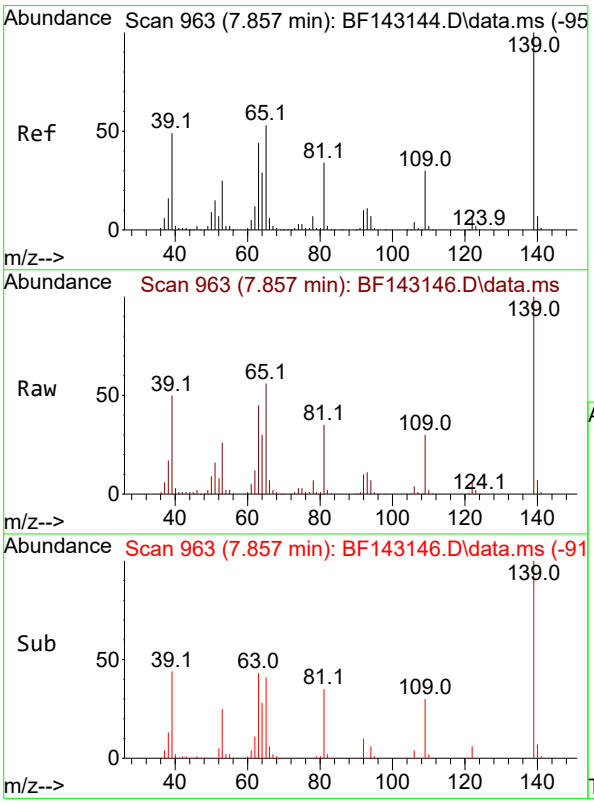
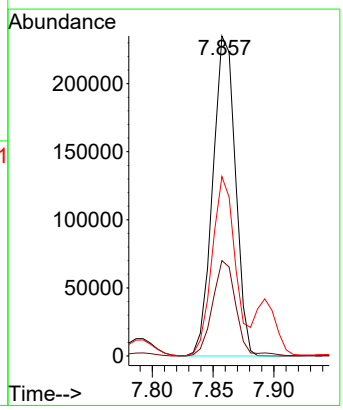


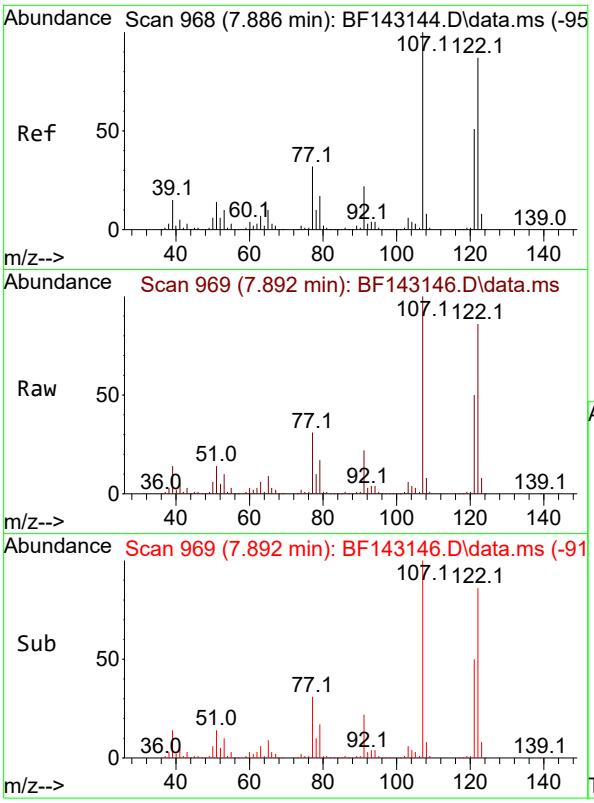


#26
2-Nitrophenol
Concen: 65.345 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:139 Resp: 304218

Ion	Ratio	Lower	Upper
139	100		
109	29.8	23.6	35.4
65	56.0	42.6	64.0

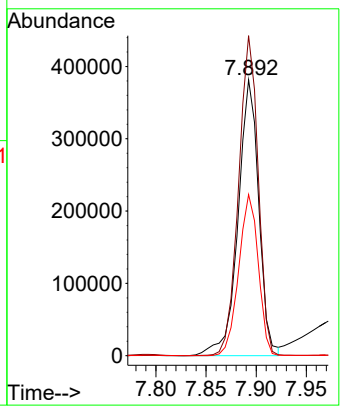




#27
2,4-Dimethylphenol
Concen: 57.833 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:122 Resp: 54882

Ion	Ratio	Lower	Upper
122	100		
107	116.0	91.8	137.6
121	58.4	46.3	69.5



Instrument :
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ClientSampleId :
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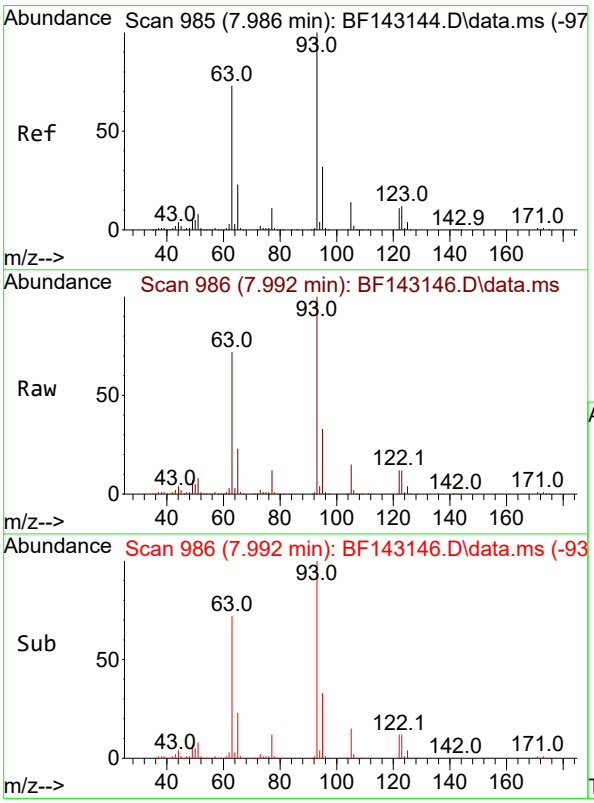
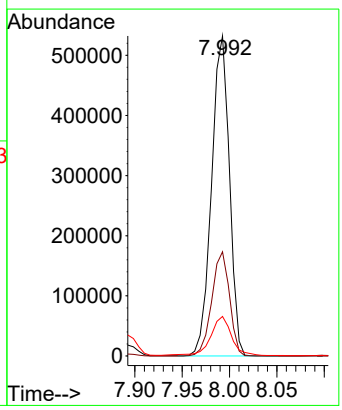
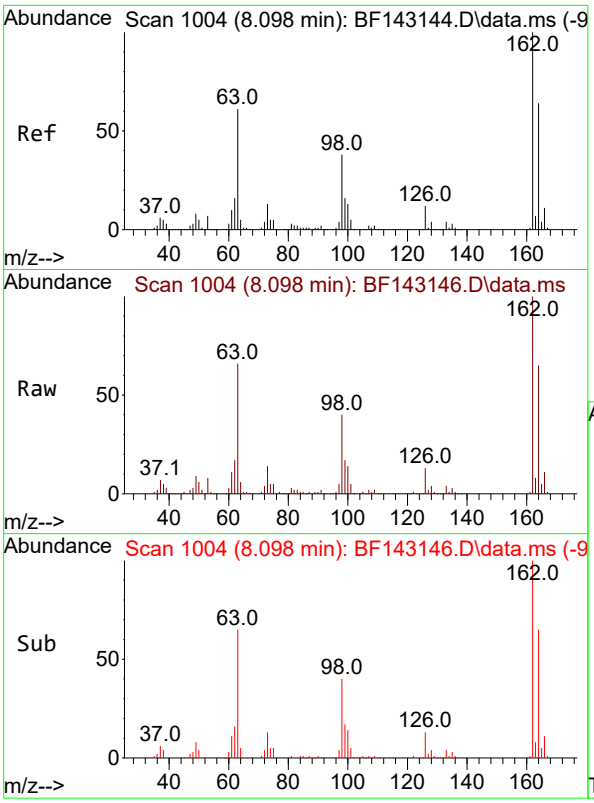


#28
bis(2-Chloroethoxy)methane
Concen: 57.184 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 93 Resp: 696403

Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.8	38.6
123	12.4	9.7	14.5

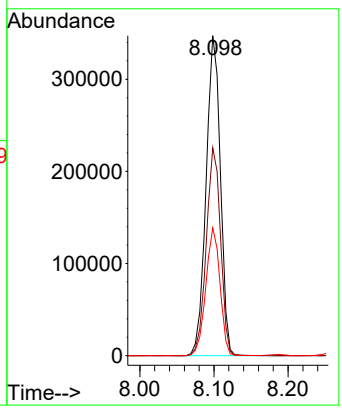




#29
2,4-Dichlorophenol
Concen: 58.329 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:162 Resp: 46680

Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.2	84.2
98	39.9	17.9	57.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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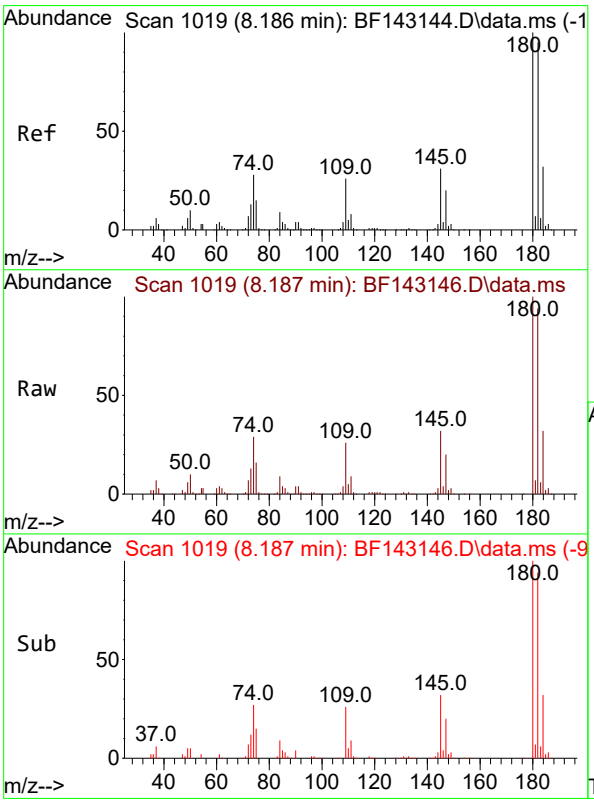
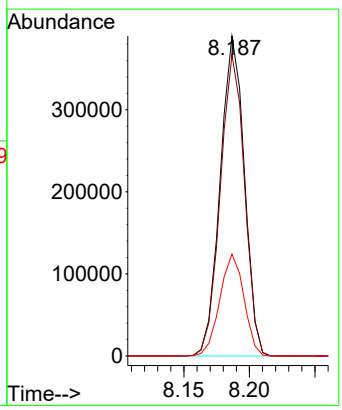
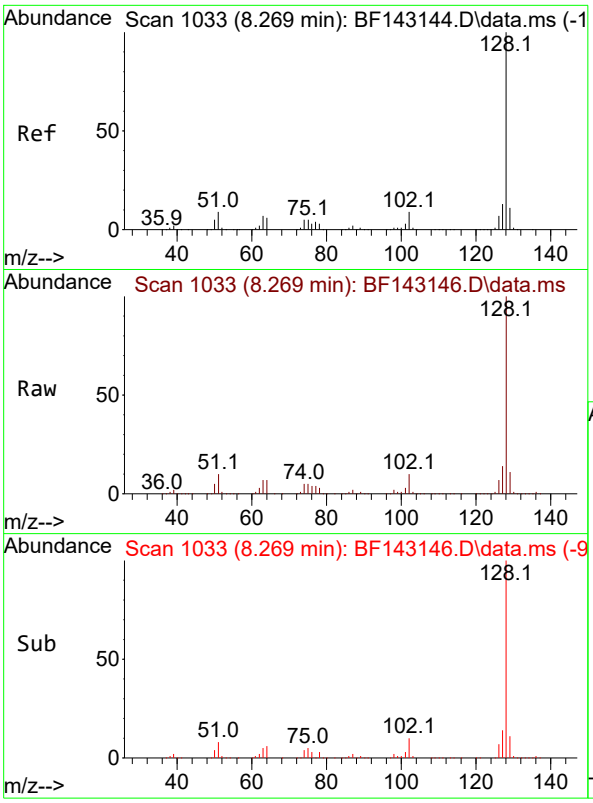


#30
1,2,4-Trichlorobenzene
Concen: 57.653 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:180 Resp: 498478

Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.2	114.2
145	31.8	25.0	37.6

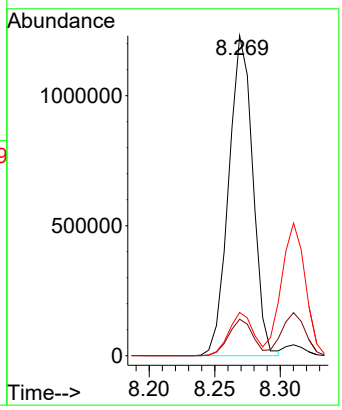




#31
Naphthalene
Concen: 55.784 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:128 Resp: 157569

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	13.5	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
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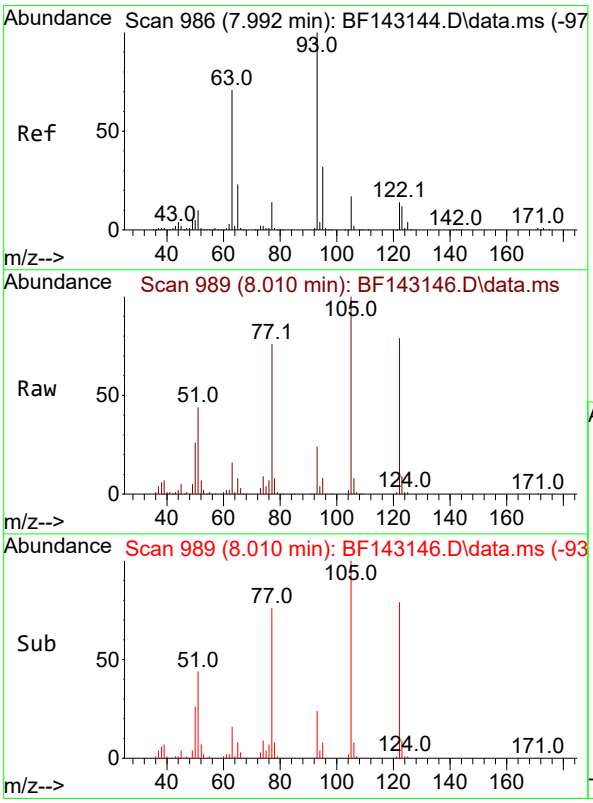
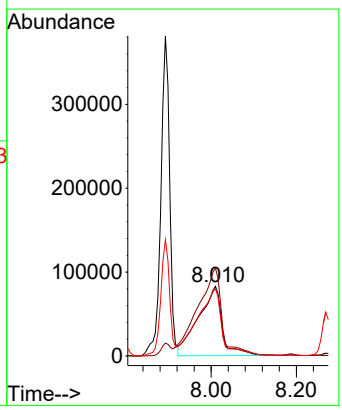
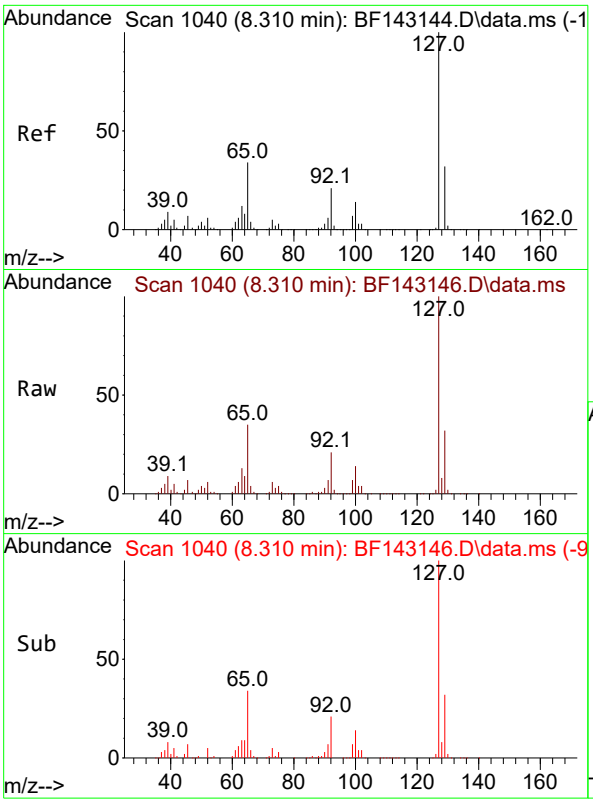


#32
Benzoic acid
Concen: 58.961 ng
RT: 8.010 min Scan# 989
Delta R.T. 0.018 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:122 Resp: 321703

Ion	Ratio	Lower	Upper
122	100		
105	126.3	104.8	144.8
77	96.5	77.6	117.6

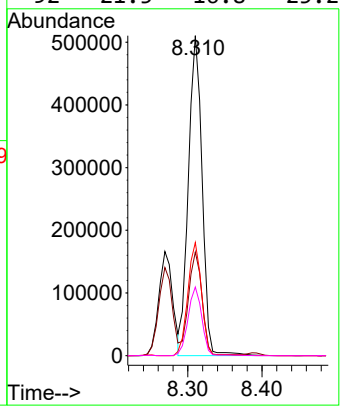




#33
4-Chloroaniline
Concen: 57.178 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:127 Resp: 65946

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	35.3	27.4	41.2
92	21.5	16.8	25.2



Instrument :
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ClientSampleId :
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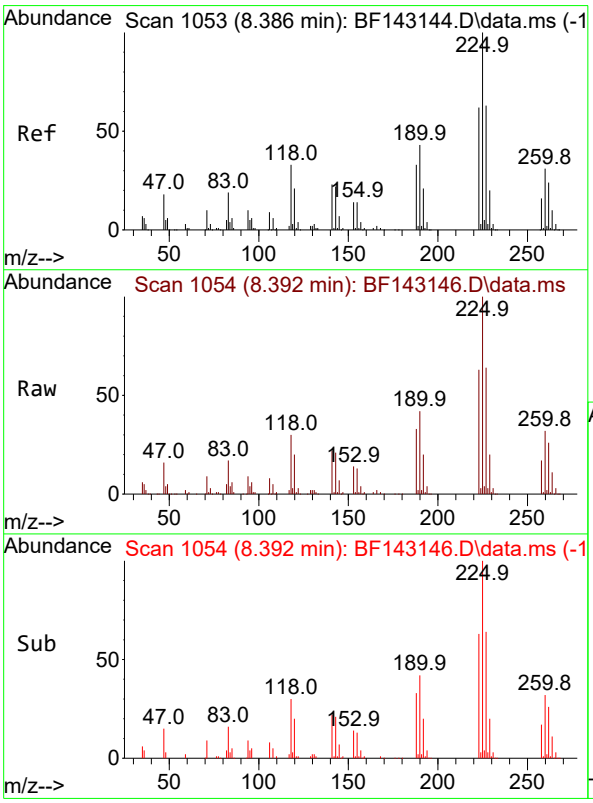
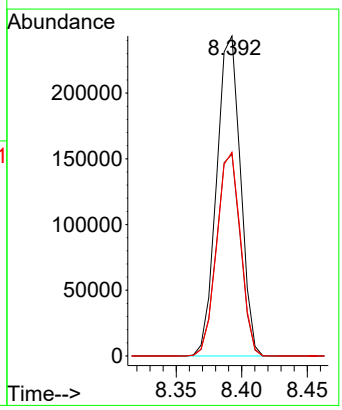
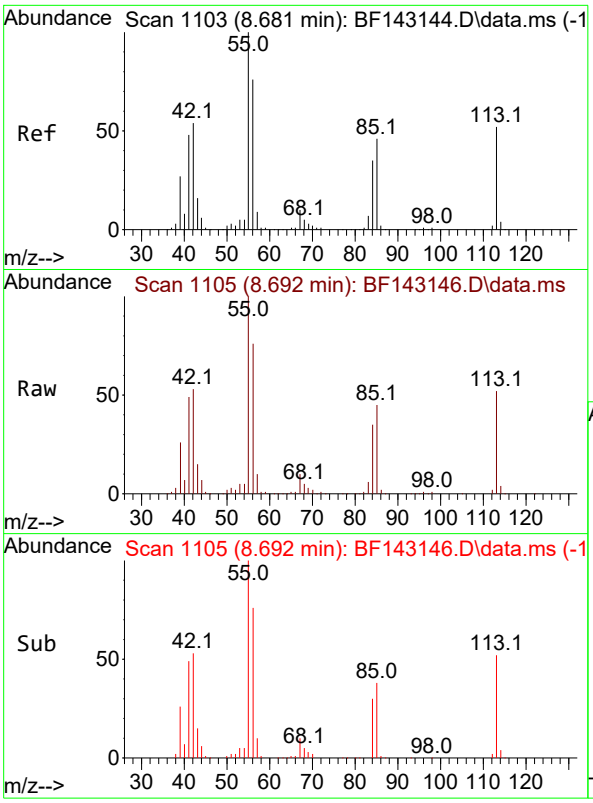


#34
Hexachlorobutadiene
Concen: 58.230 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:225 Resp: 307552

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.6
227	63.7	50.2	75.4

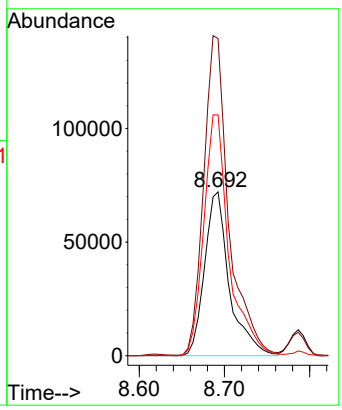




#35
Caprolactam
Concen: 60.327 ng
RT: 8.692 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:113 Resp: 14589

Ion	Ratio	Lower	Upper
113	100		
55	193.5	174.0	214.0
56	146.9	126.6	166.6



Instrument :
BNA_F
ClientSampleId :
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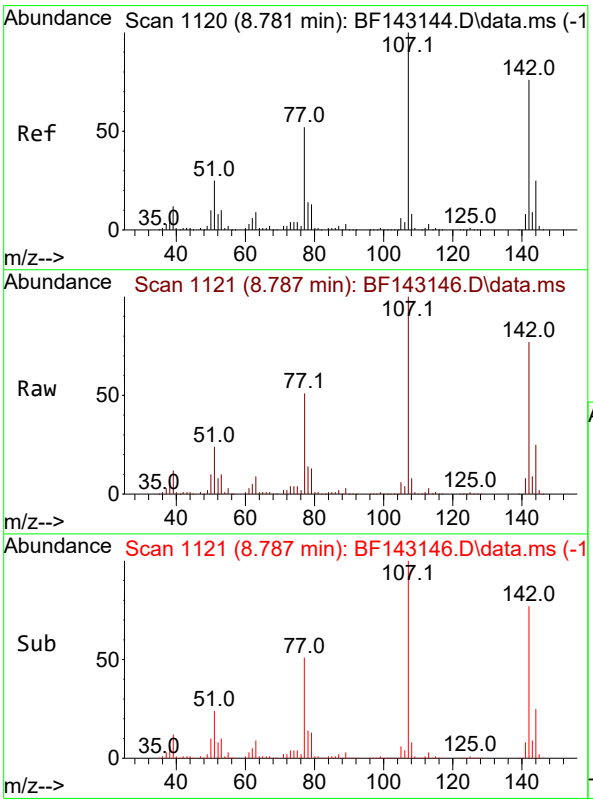
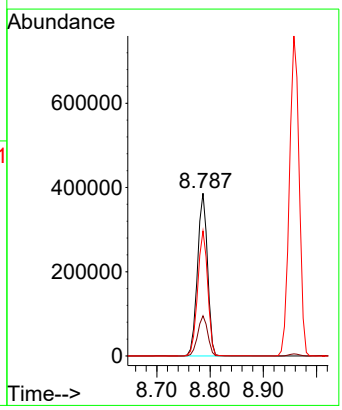
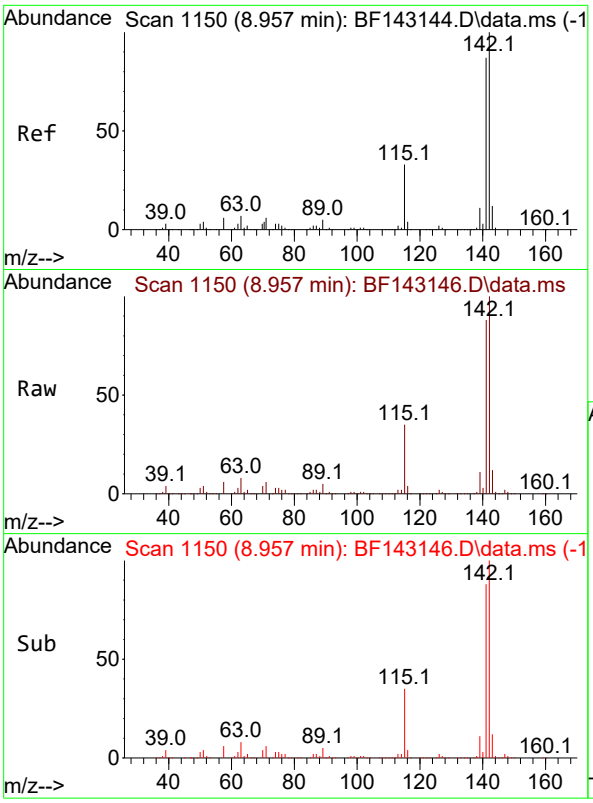


#36
4-Chloro-3-methylphenol
Concen: 58.186 ng
RT: 8.787 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:107 Resp: 506142

Ion	Ratio	Lower	Upper
107	100		
144	24.7	19.8	29.6
142	76.9	60.6	90.8

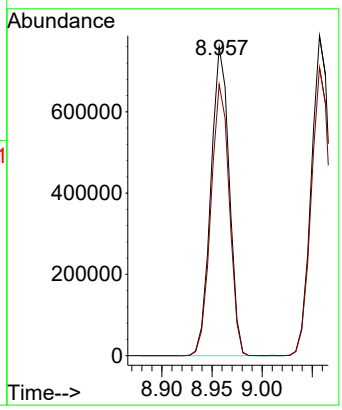




#37
2-Methylnaphthalene
Concen: 56.203 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:142 Resp: 96603

Ion	Ratio	Lower	Upper
142	100		
141	87.9	69.9	104.9



Instrument :
BNA_F
ClientSampleId :
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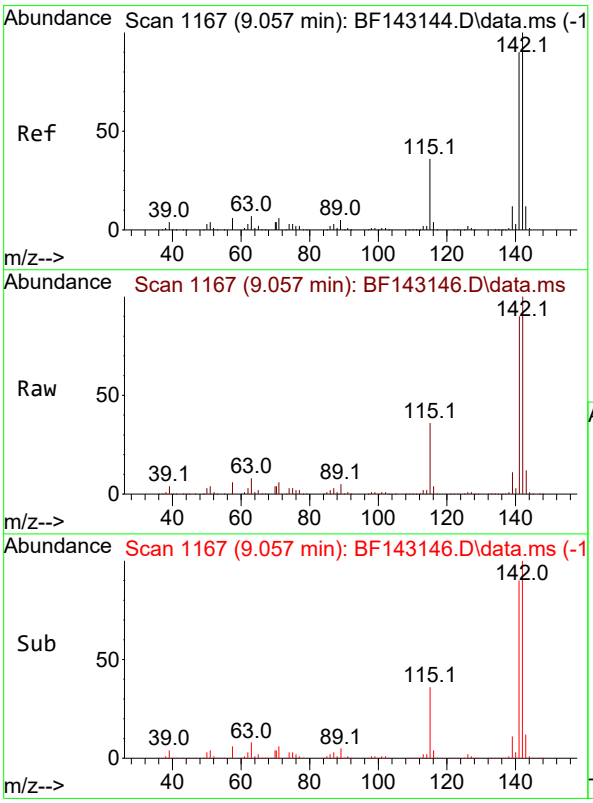
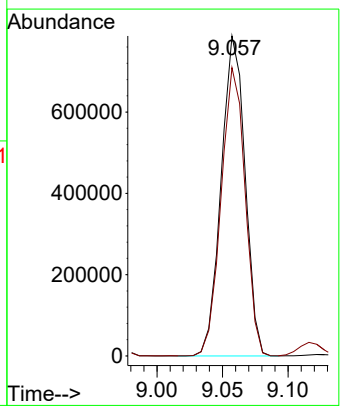
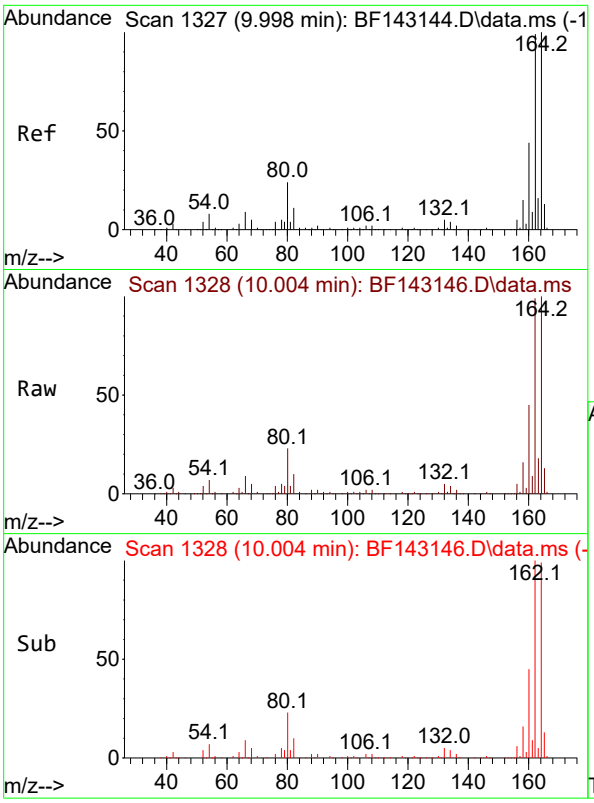


#38
1-Methylnaphthalene
Concen: 56.329 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:142 Resp: 997009

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.3	108.5

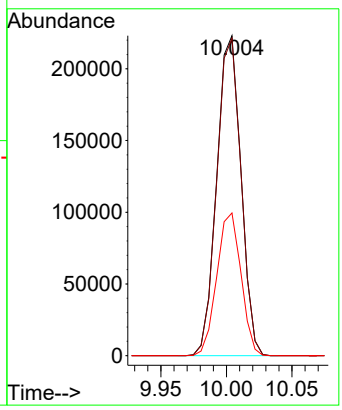




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:164 Resp: 28654

Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.0	118.6
160	44.6	35.1	52.7



Instrument :
BNA_F
ClientSampleId :
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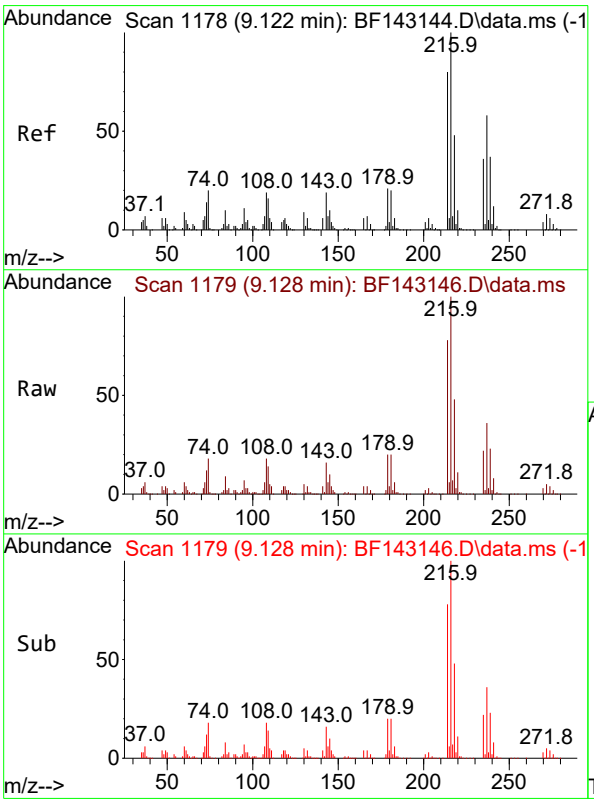
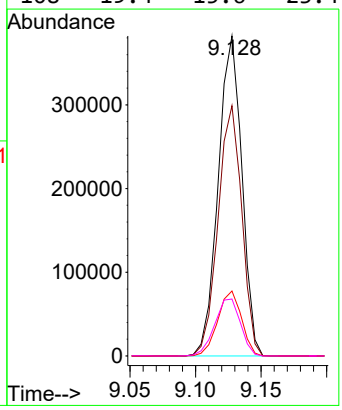
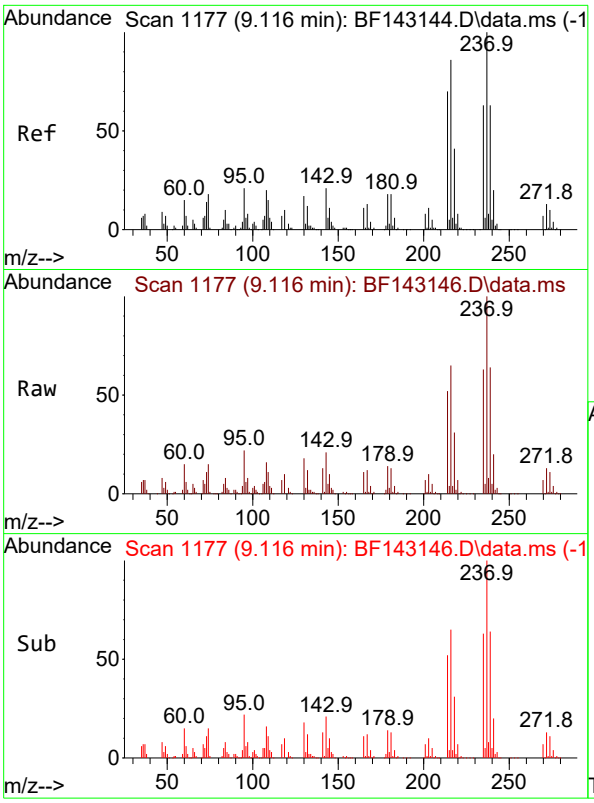


#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.955 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:216 Resp: 479450

Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.8	95.8
179	20.4	16.4	24.6
108	19.4	15.6	23.4





#41
Hexachlorocyclopentadiene
Concen: 62.761 ng
RT: 9.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:237 Resp: 33783

Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.0	83.0
272	13.2	0.0	33.3

Instrument :
BNA_F
ClientSampleId :
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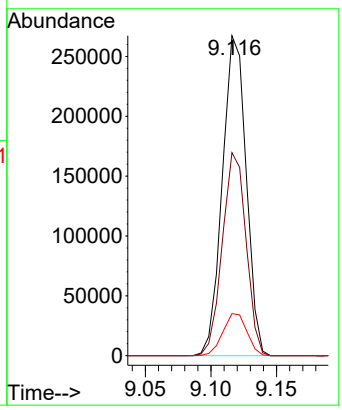
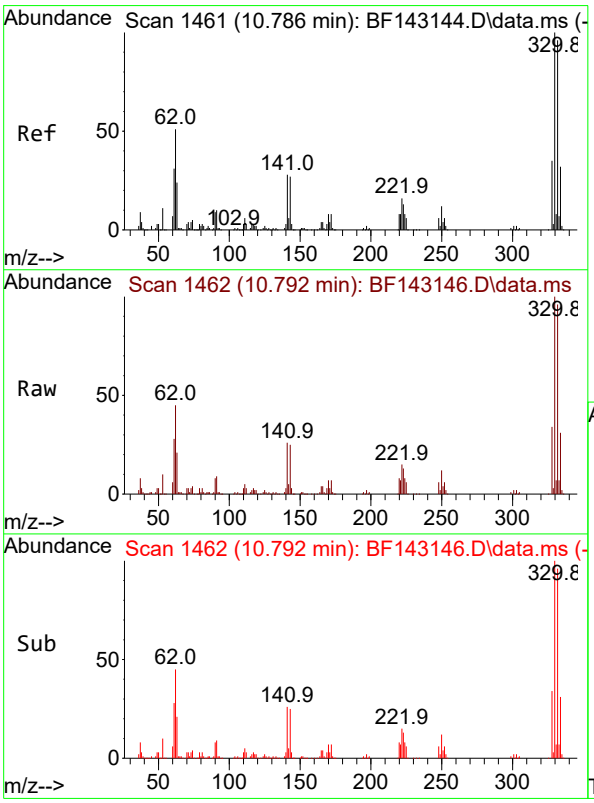
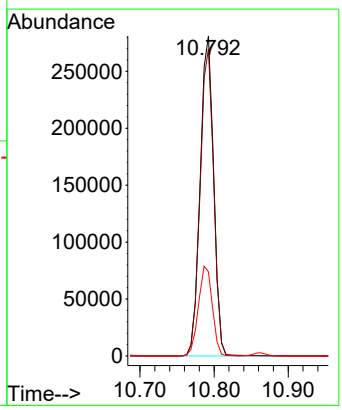


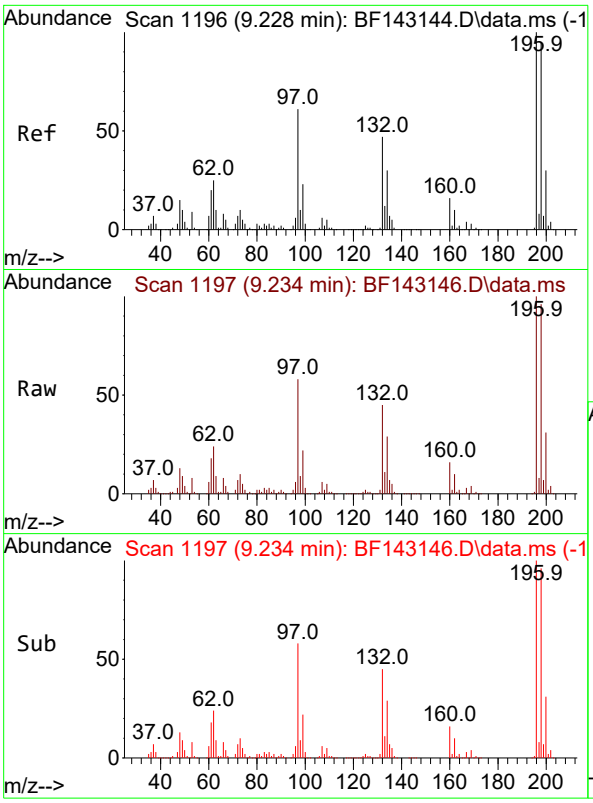


#42
2,4,6-Tribromophenol
Concen: 119.817 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:330 Resp: 354678

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.7	115.1
141	28.9	23.3	34.9

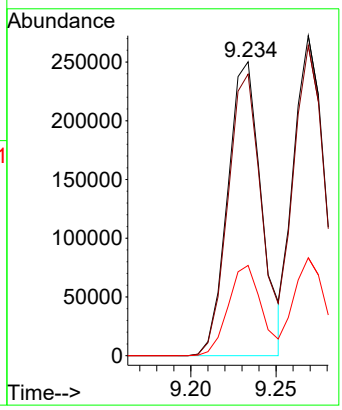




#43
2,4,6-Trichlorophenol
Concen: 60.246 ng
RT: 9.234 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:196 Resp: 34494

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.2	114.2
200	30.7	23.9	35.9



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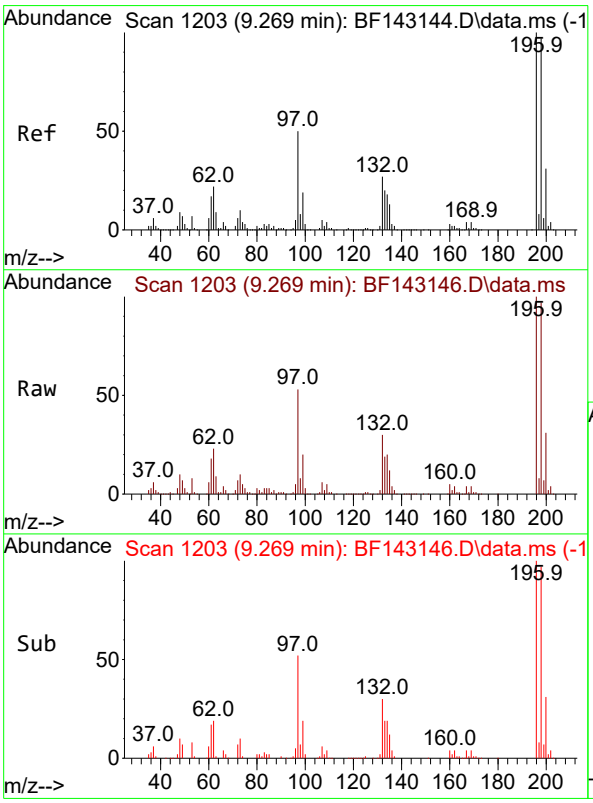
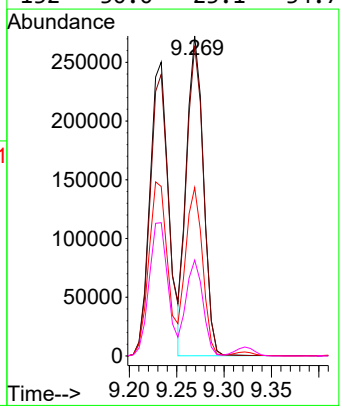
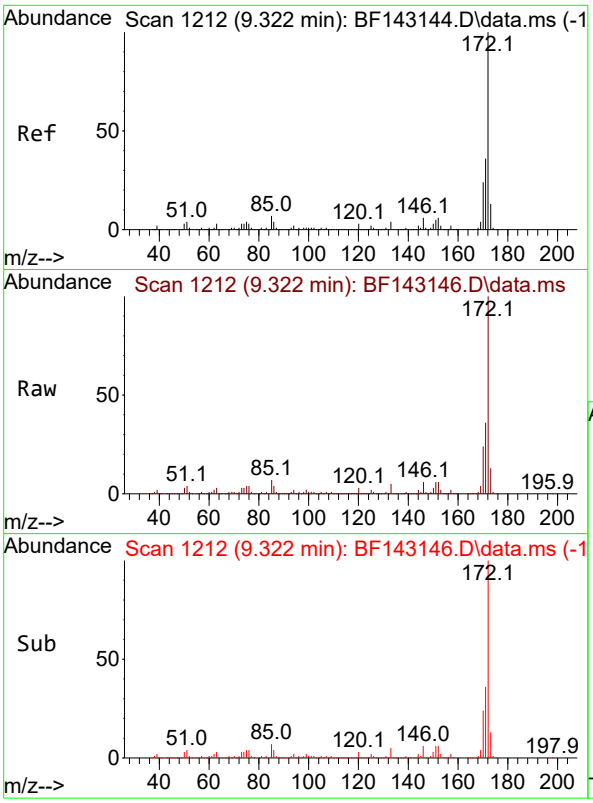


#44
2,4,5-Trichlorophenol
Concen: 59.305 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:196 Resp: 339656

Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.3	115.9
97	52.6	40.3	60.5
132	30.0	23.1	34.7





#45
2-Fluorobiphenyl
Concen: 108.558 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:172 Resp: 227450

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	23.7	18.8	28.2

Instrument :
BNA_F
ClientSampleId :
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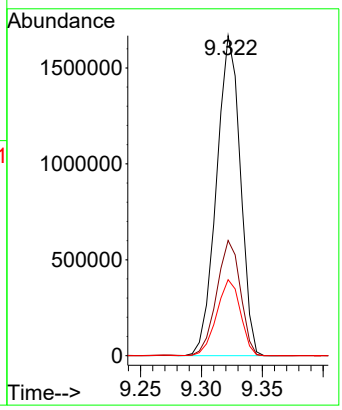
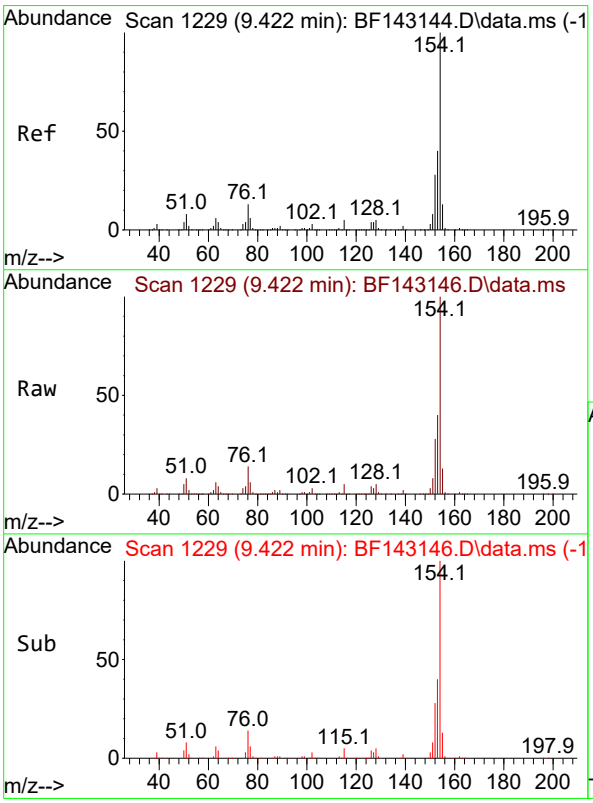
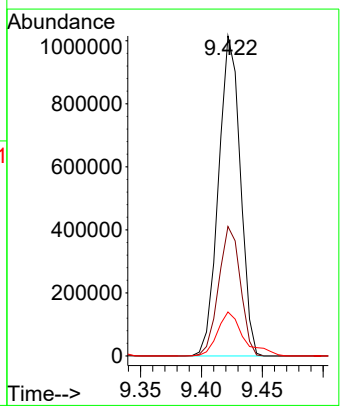


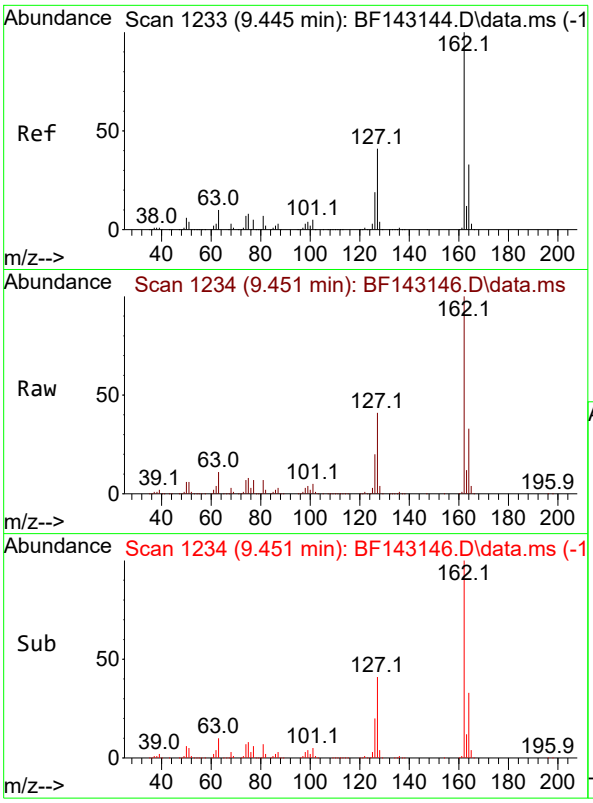


#46
1,1'-Biphenyl
Concen: 56.610 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:154 Resp: 1265588

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	13.7	0.0	33.3

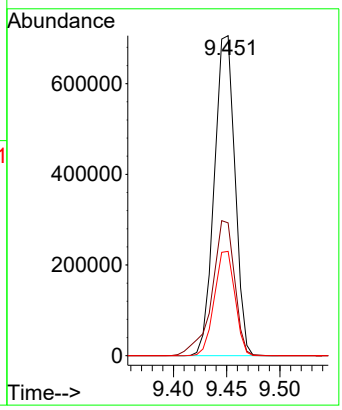




#47
2-Chloronaphthalene
Concen: 57.364 ng
RT: 9.451 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:162 Resp: 94891

Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.4	50.2
164	32.6	26.2	39.2



Instrument :
BNA_F
ClientSampleId :
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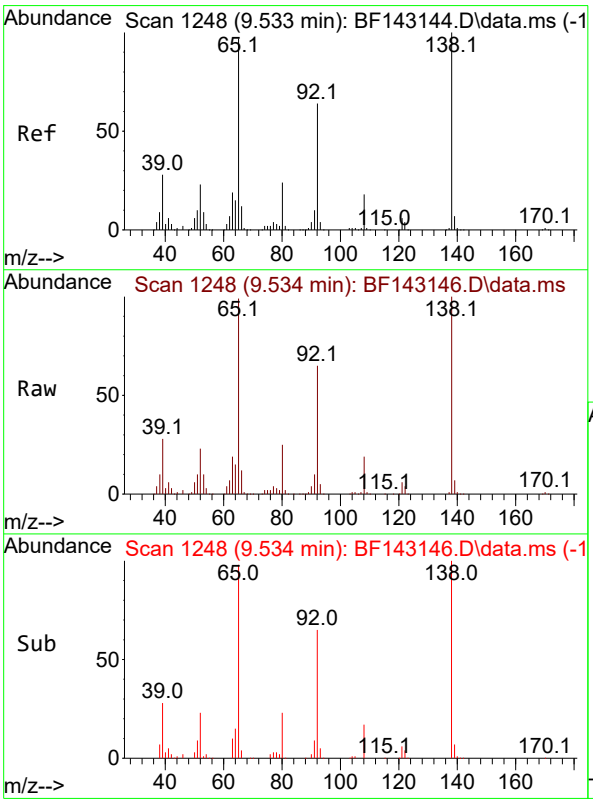
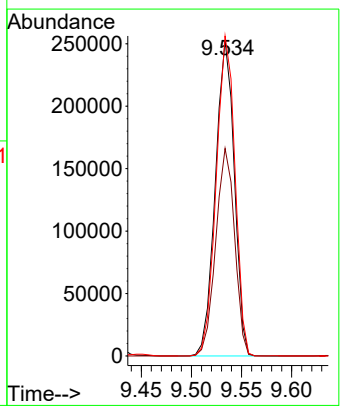
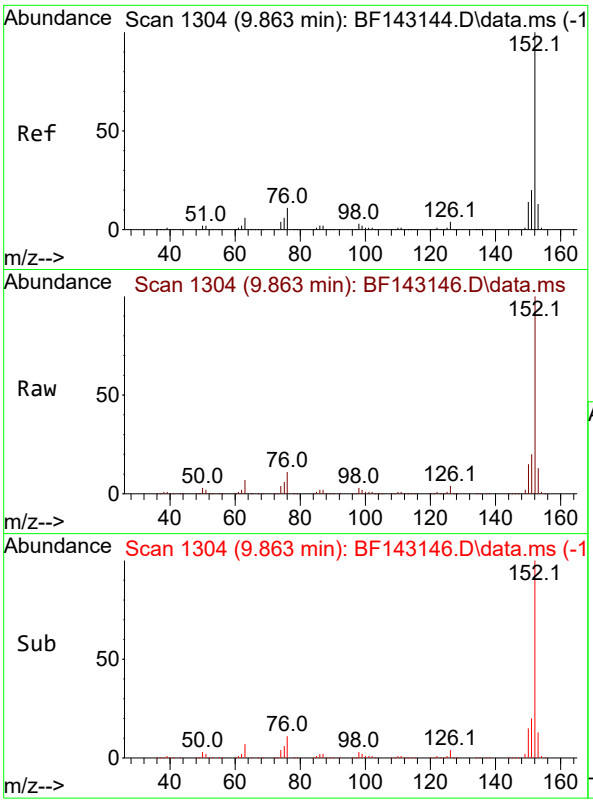


#48
2-Nitroaniline
Concen: 63.904 ng
RT: 9.534 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 65 Resp: 331501

Ion	Ratio	Lower	Upper
65	100		
92	65.8	52.4	78.6
138	101.5	82.3	123.5

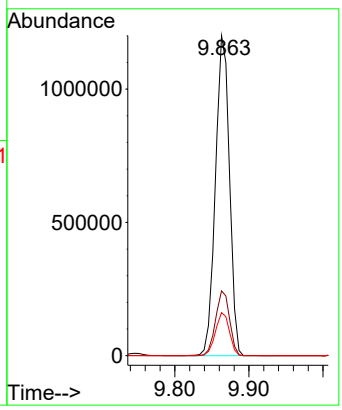




#49
Acenaphthylene
Concen: 56.860 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:152 Resp: 157624

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.5	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
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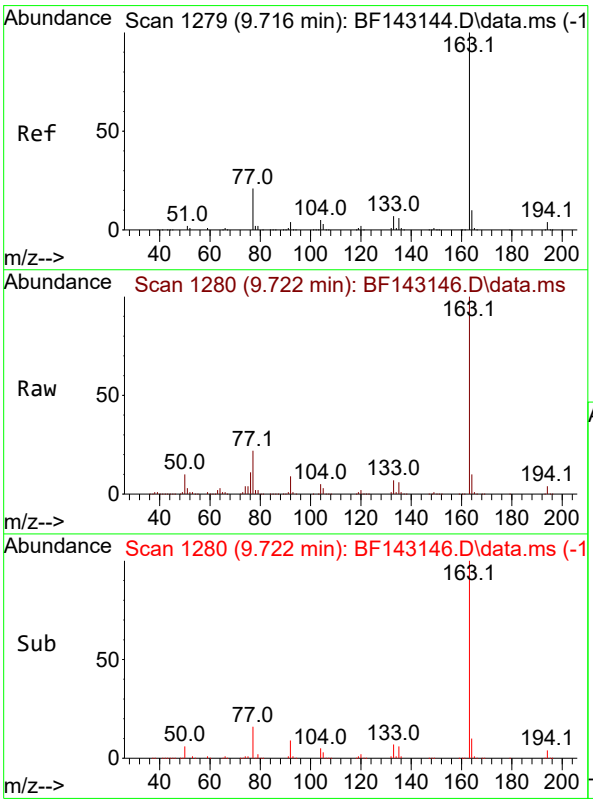
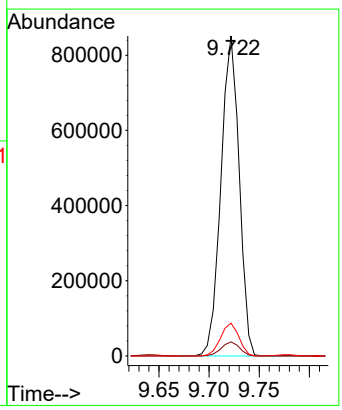
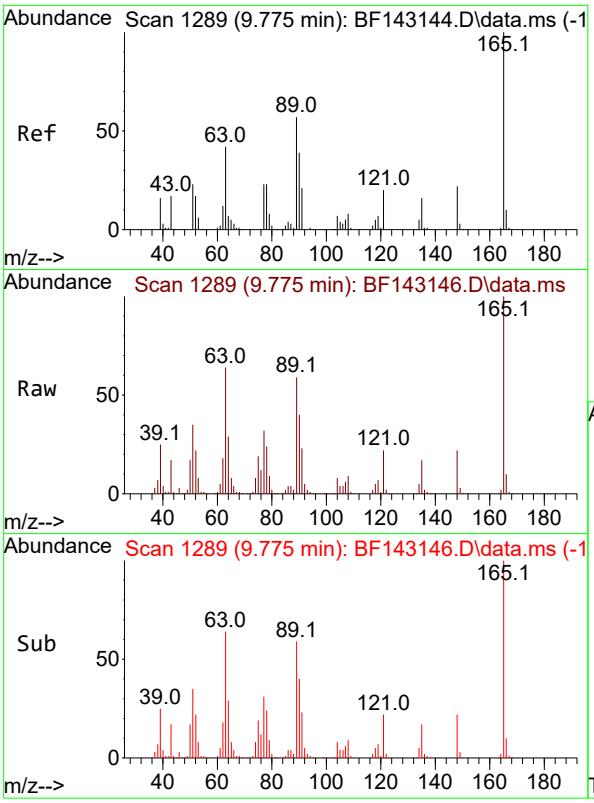


#50
Dimethylphthalate
Concen: 57.558 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:163 Resp: 1075052

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.3	8.3	12.5

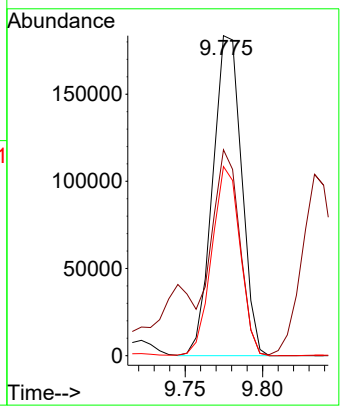




#51
2,6-Dinitrotoluene
Concen: 62.665 ng
RT: 9.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:165 Resp: 23810

Ion	Ratio	Lower	Upper
165	100		
63	64.4	49.4	74.2
89	59.1	46.2	69.2



Instrument :
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ClientSampleId :
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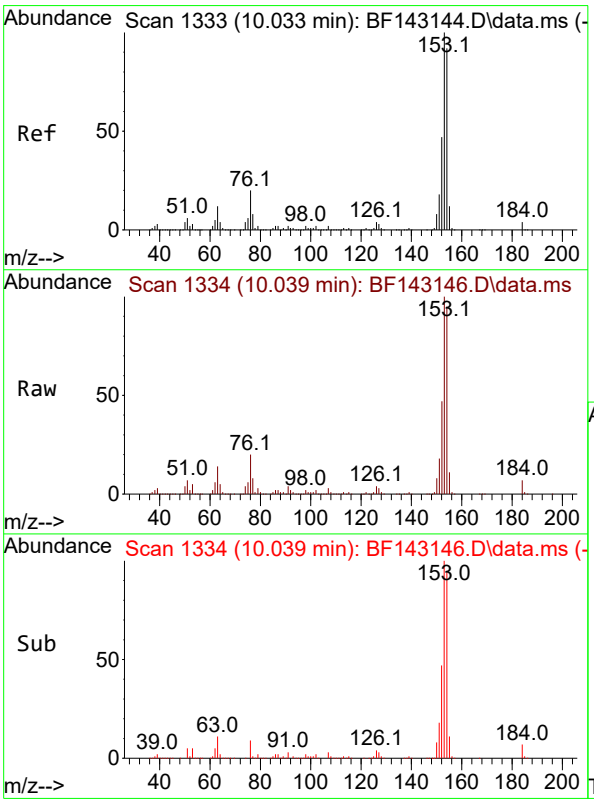
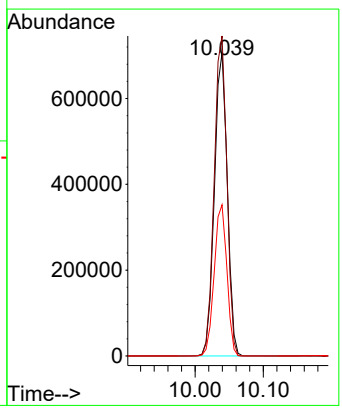
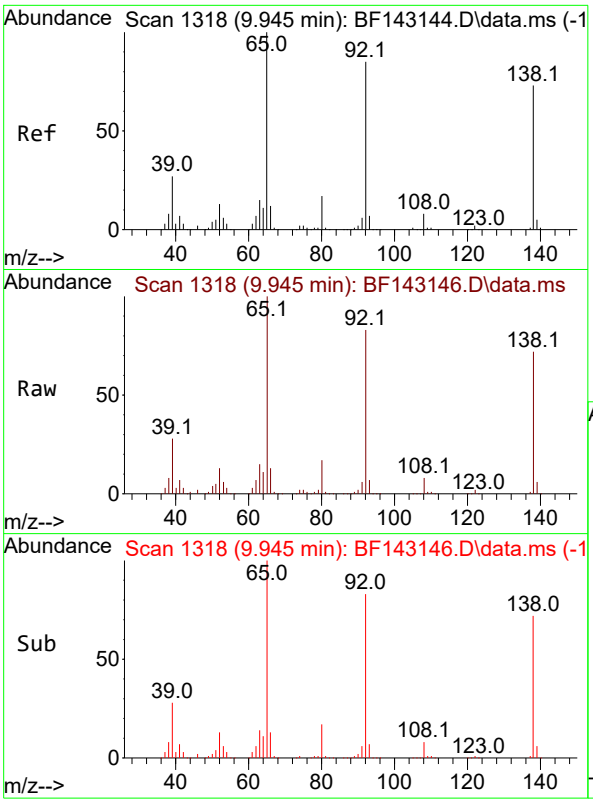


#52
Acenaphthene
Concen: 56.814 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:154 Resp: 930883

Ion	Ratio	Lower	Upper
154	100		
153	105.6	86.6	129.8
152	49.9	40.4	60.6

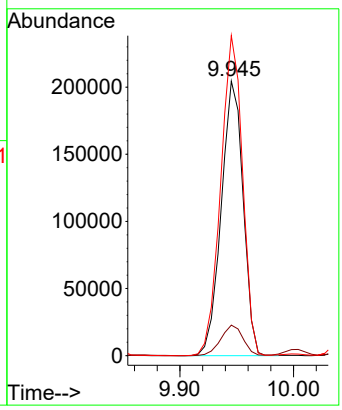




#53
3-Nitroaniline
Concen: 61.542 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:138 Resp: 27350

Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.0	13.6
92	116.5	93.0	139.4



Instrument :
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ClientSampleId :
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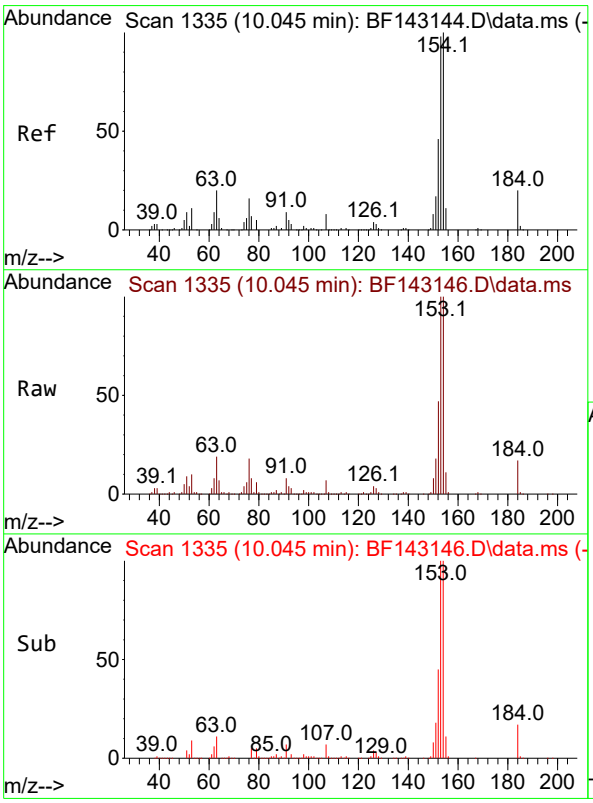
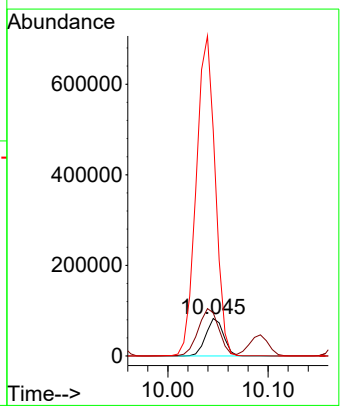
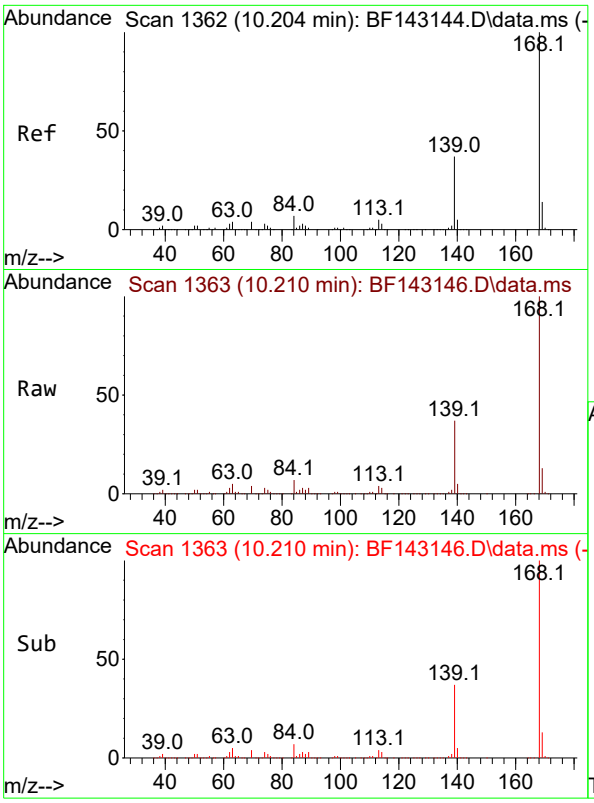


#54
2,4-Dinitrophenol
Concen: 60.690 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:184 Resp: 101491

Ion	Ratio	Lower	Upper
184	100		
63	115.6	81.8	122.6
154	603.3	412.2	618.4

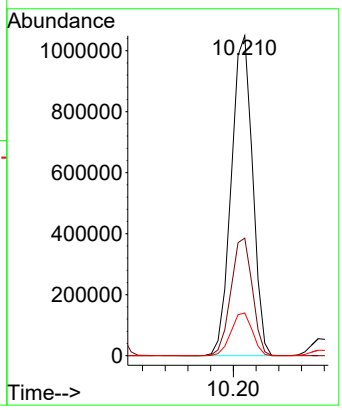




#55
Dibenzofuran
Concen: 56.093 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:168 Resp: 136453

Ion	Ratio	Lower	Upper
168	100		
139	36.7	29.5	44.3
169	13.4	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
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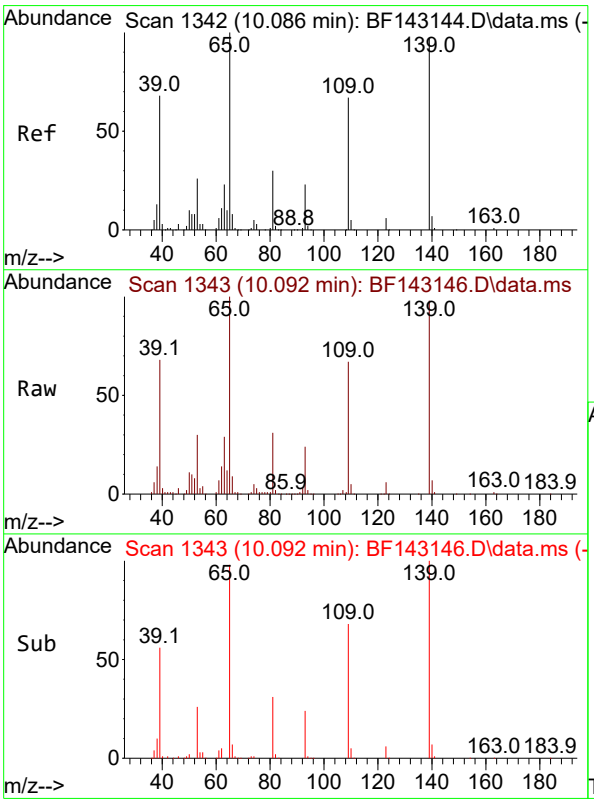
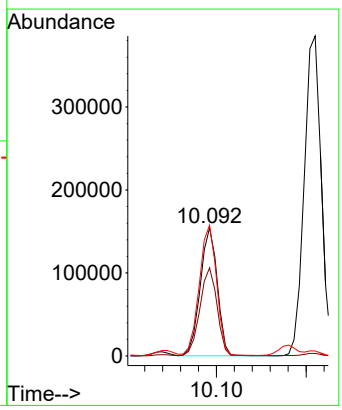
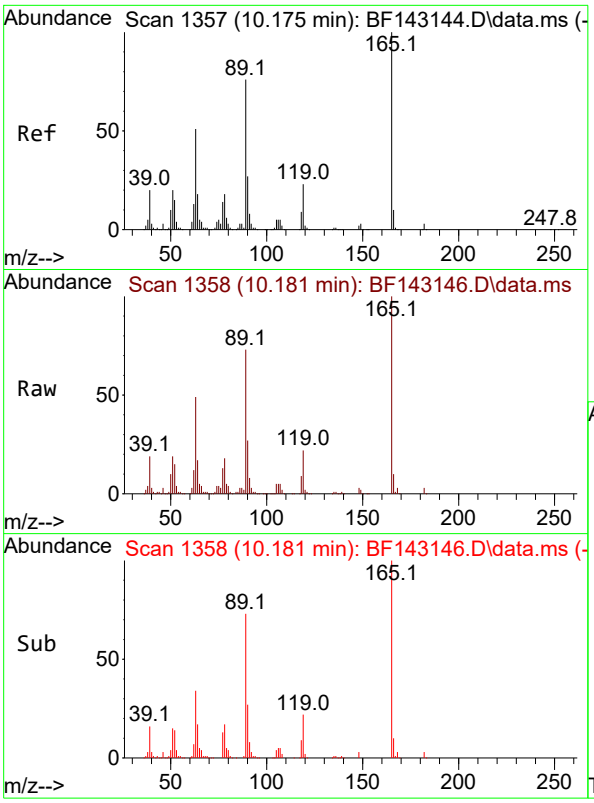


#56
4-Nitrophenol
Concen: 61.312 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:139 Resp: 203477

Ion	Ratio	Lower	Upper
139	100		
109	68.7	48.5	88.5
65	102.2	83.4	123.4

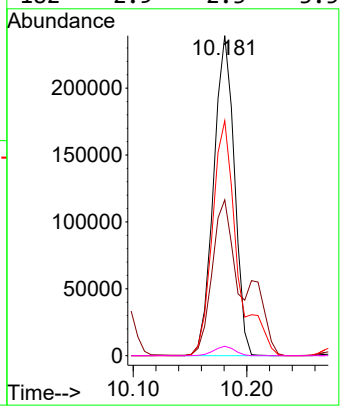




#57
2,4-Dinitrotoluene
Concen: 63.868 ng
RT: 10.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:165 Resp: 30446

Ion	Ratio	Lower	Upper
165	100		
63	48.7	41.0	61.4
89	73.4	61.1	91.7
182	2.9	2.3	3.5



Instrument :
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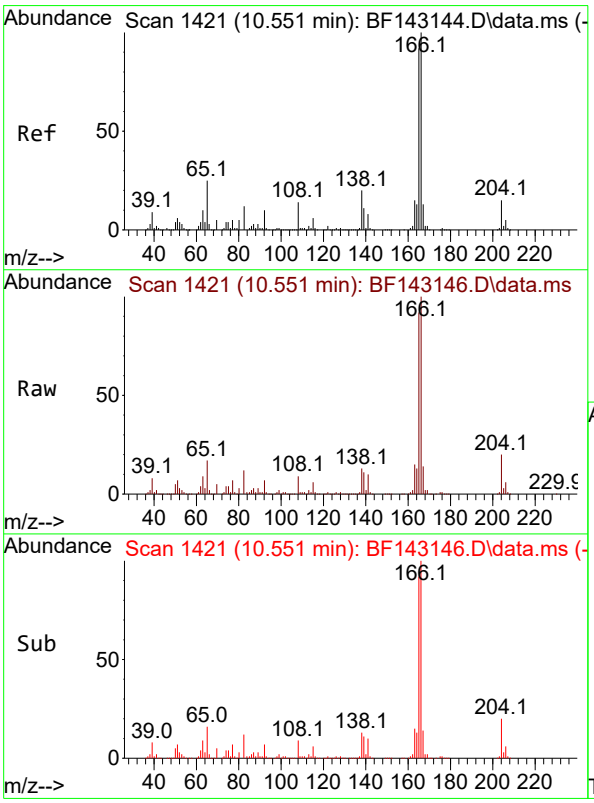
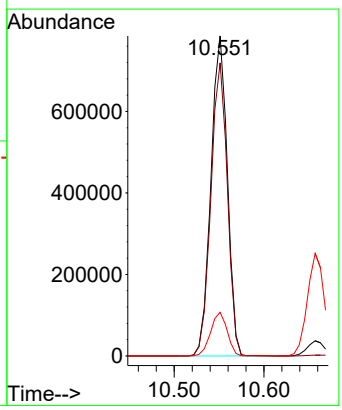
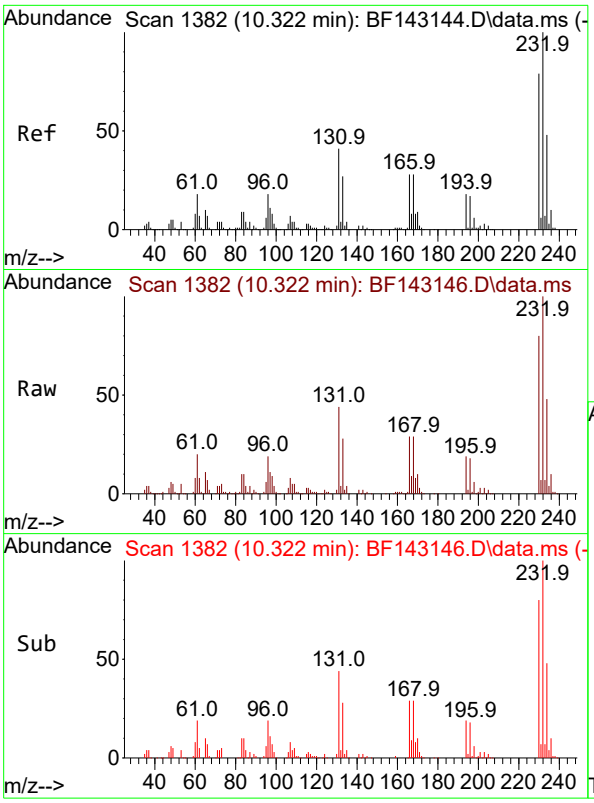


#58
Fluorene
Concen: 54.647 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:166 Resp: 997710

Ion	Ratio	Lower	Upper
166	100		
165	91.6	73.7	110.5
167	13.6	10.6	16.0

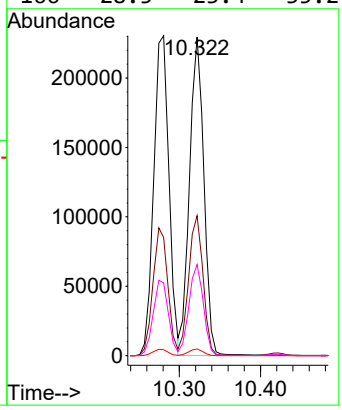




#59
2,3,4,6-Tetrachlorophenol
Concen: 59.678 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:232 Resp: 28312

Ion	Ratio	Lower	Upper
232	100		
131	44.2	35.3	52.9
130	2.1	1.7	2.5
166	28.5	23.4	35.2



Instrument :
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ClientSampleId :
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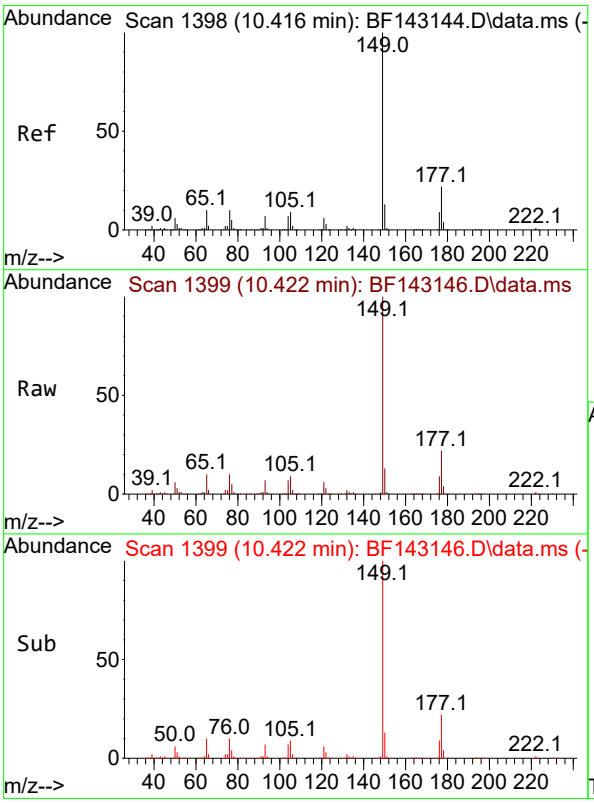
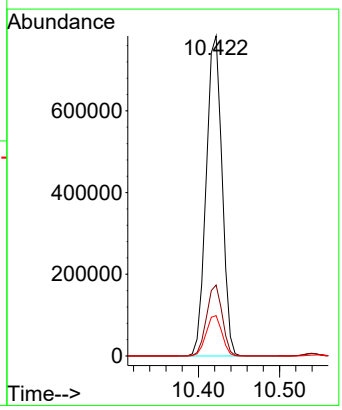
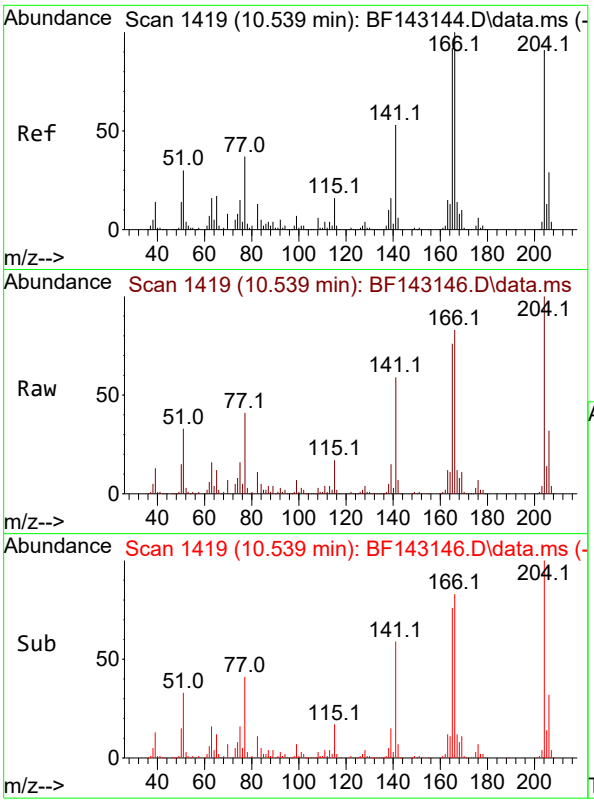


#60
Diethylphthalate
Concen: 57.301 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 1057851

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.5	26.3
150	12.6	10.2	15.2

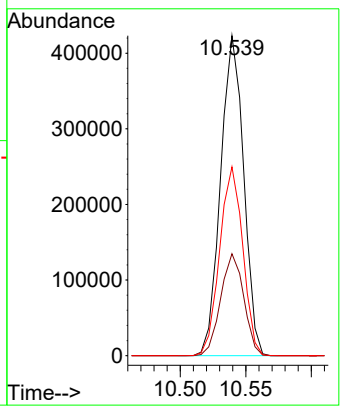




#61
4-Chlorophenyl-phenylether
Concen: 56.867 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:204 Resp: 51698

Ion	Ratio	Lower	Upper
204	100		
206	31.8	25.8	38.8
141	59.0	47.0	70.4



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ClientSampleId :
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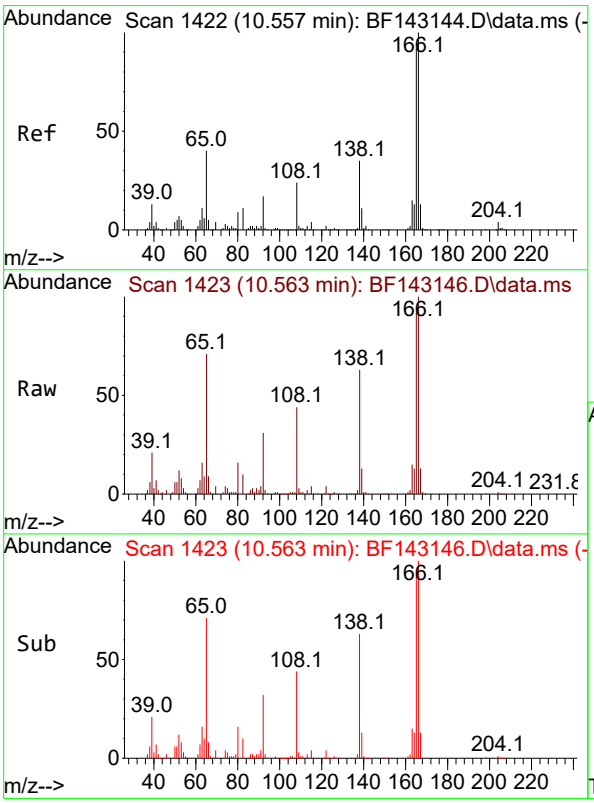
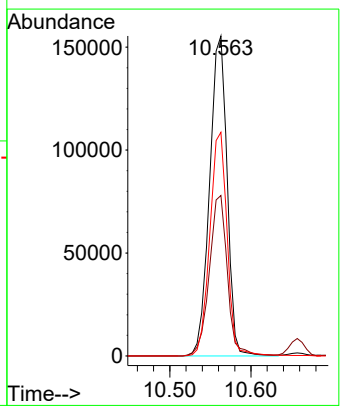
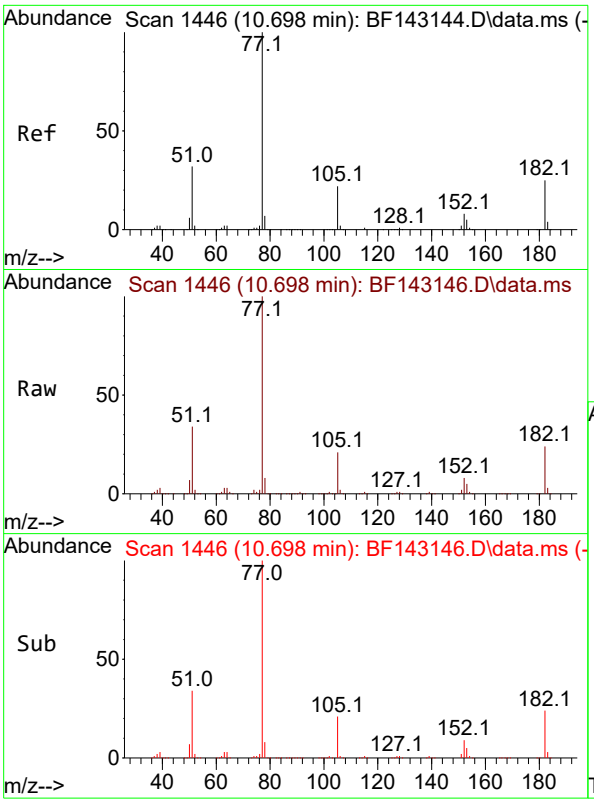


#62
4-Nitroaniline
Concen: 61.037 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:138 Resp: 232488

Ion	Ratio	Lower	Upper
138	100		
92	50.2	29.3	69.3
108	69.9	48.3	88.3

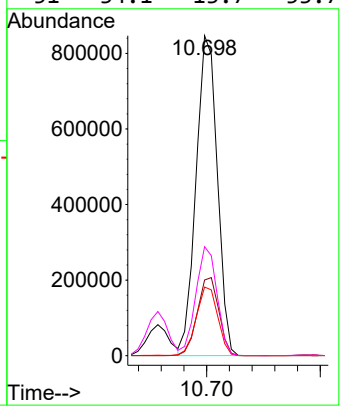




#63
Azobenzene
Concen: 57.107 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 77 Resp: 109877

Ion	Ratio	Lower	Upper
77	100		
182	23.6	4.6	44.6
105	21.4	1.4	41.4
51	34.1	13.7	53.7



Instrument :
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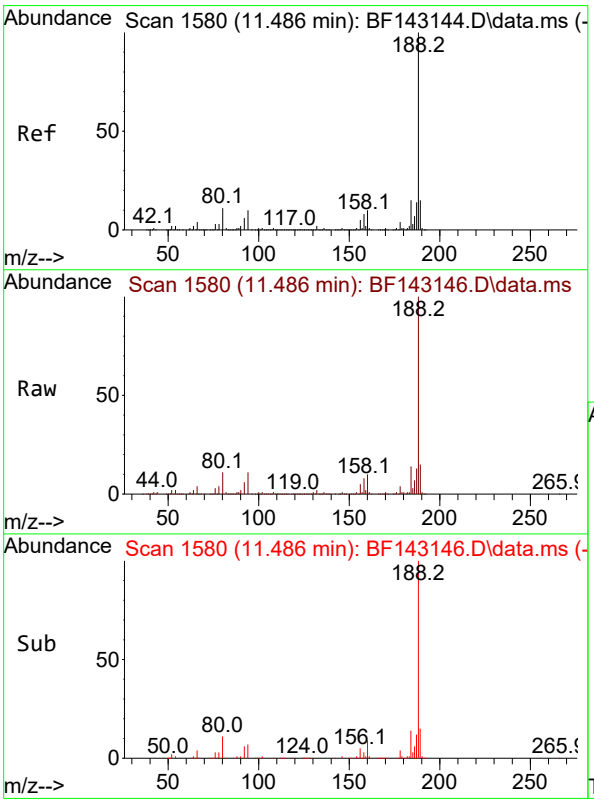
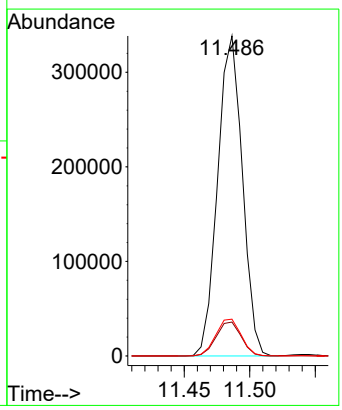
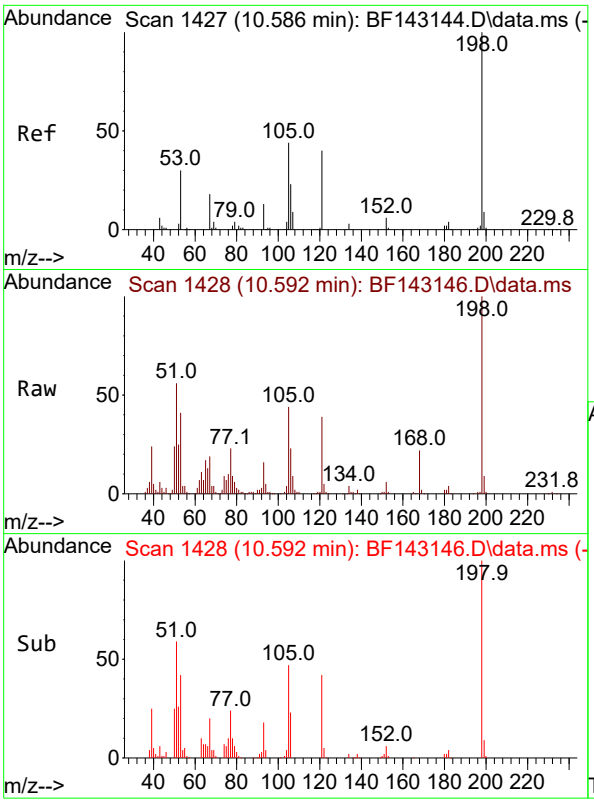


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:188 Resp: 442888

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.3	12.5
80	11.5	9.0	13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 60.728 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:198 Resp: 14475

Ion	Ratio	Lower	Upper
198	100		
51	55.6	37.2	77.2
105	43.9	24.8	64.8

Instrument :
BNA_F
ClientSampleId :
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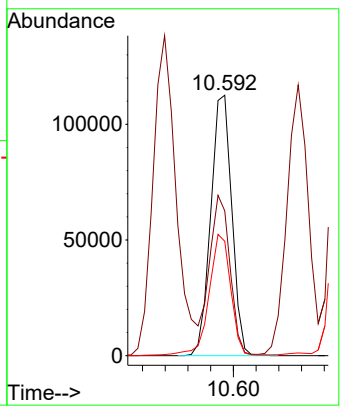
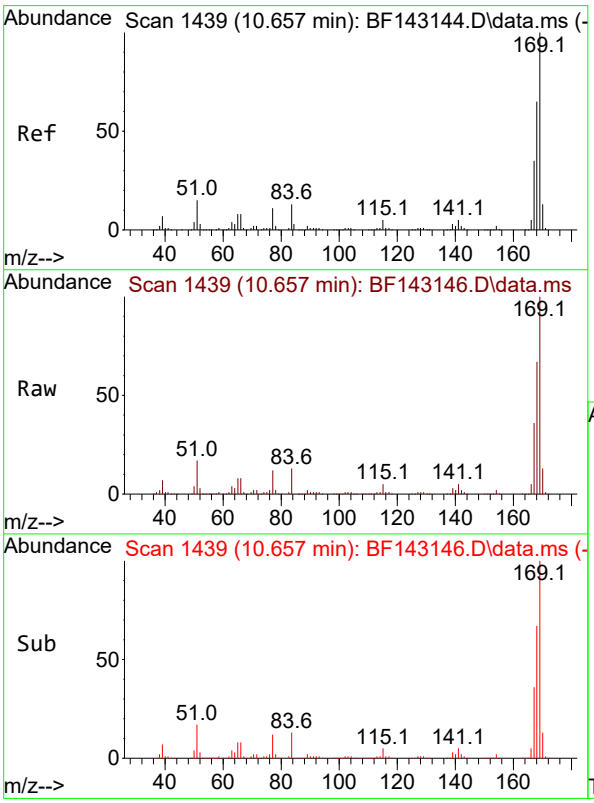
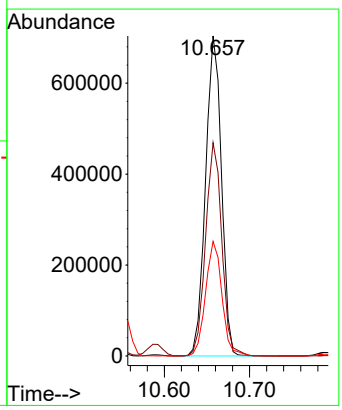


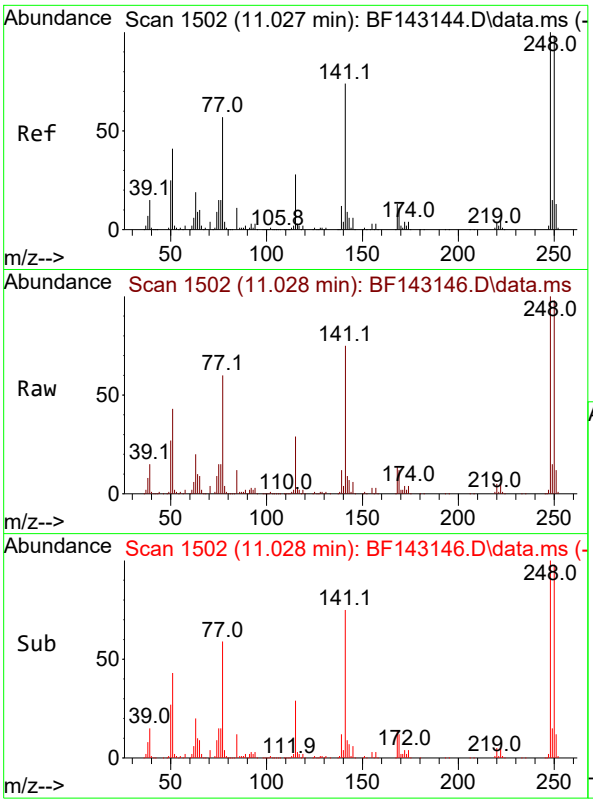


#66
n-Nitrosodiphenylamine
Concen: 58.380 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:169 Resp: 910468

Ion	Ratio	Lower	Upper
169	100		
168	66.6	52.1	78.1
167	35.8	28.2	42.2

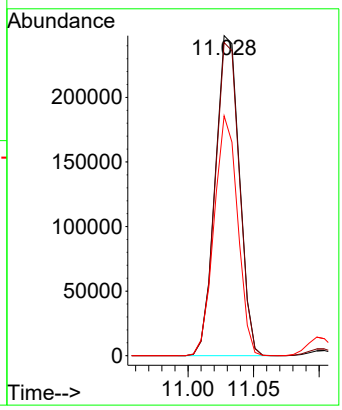




#67
4-Bromophenyl-phenylether
Concen: 60.266 ng
RT: 11.028 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:248 Resp: 31808

Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.3	117.5
141	75.0	59.2	88.8



Instrument :
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ClientSampleId :
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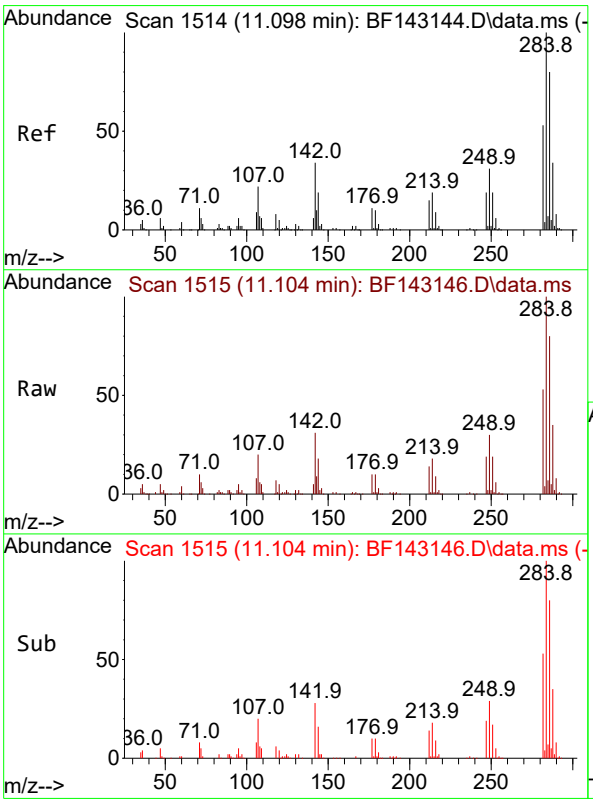
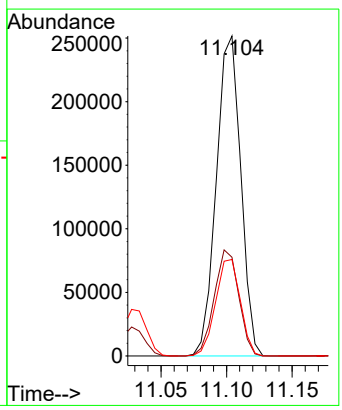
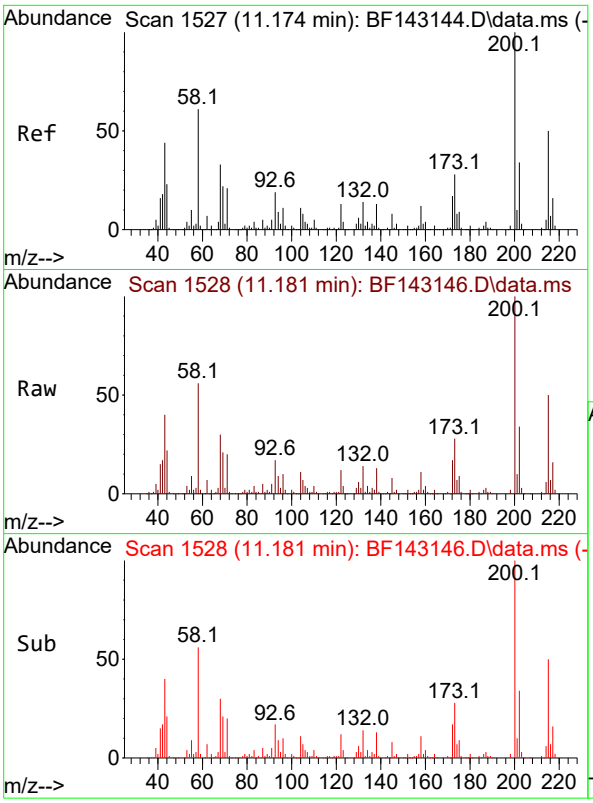


#68
Hexachlorobenzene
Concen: 59.054 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:284 Resp: 325779

Ion	Ratio	Lower	Upper
284	100		
142	30.9	27.0	40.6
249	30.1	25.0	37.6

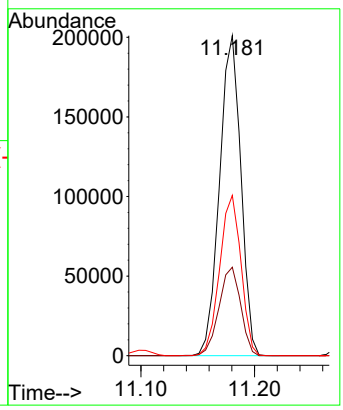




#69
Atrazine
Concen: 61.024 ng
RT: 11.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:200 Resp: 26237

Ion	Ratio	Lower	Upper
200	100		
173	27.6	7.9	47.9
215	50.1	30.1	70.1



Instrument :
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ClientSampleId :
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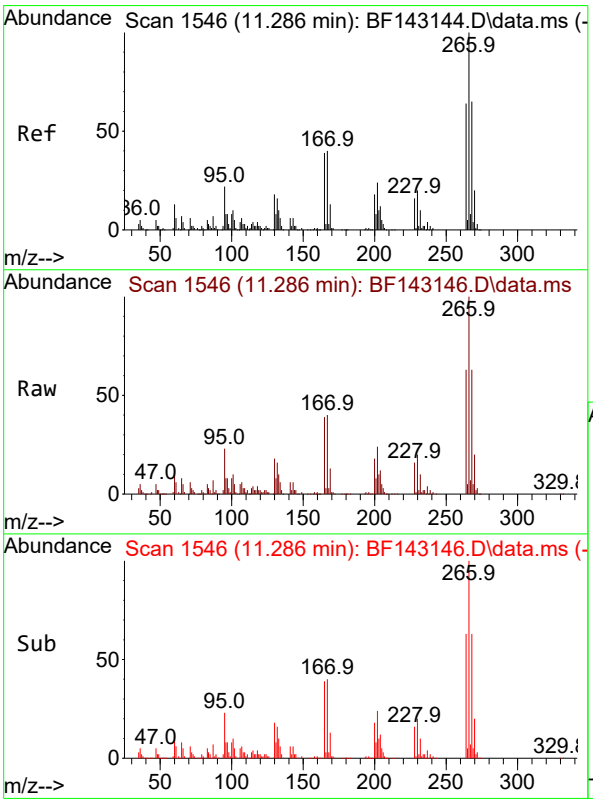
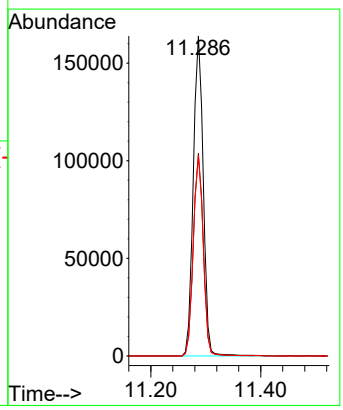
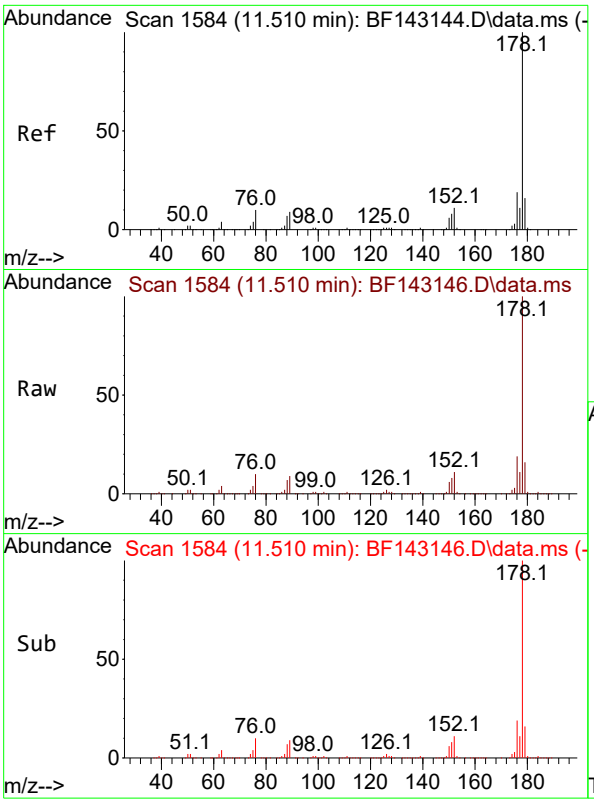


#70
Pentachlorophenol
Concen: 63.625 ng
RT: 11.286 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:266 Resp: 206417

Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.9	77.9
264	62.5	51.0	76.6

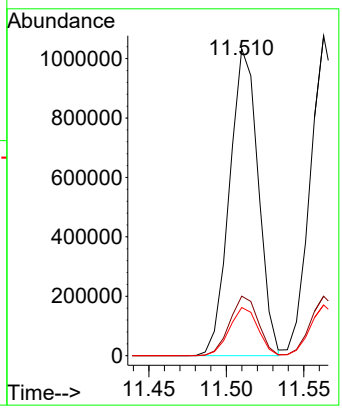




#71
Phenanthrene
Concen: 56.620 ng
RT: 11.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:178 Resp: 133148

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.7	12.5	18.7



Instrument :
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ClientSampleId :
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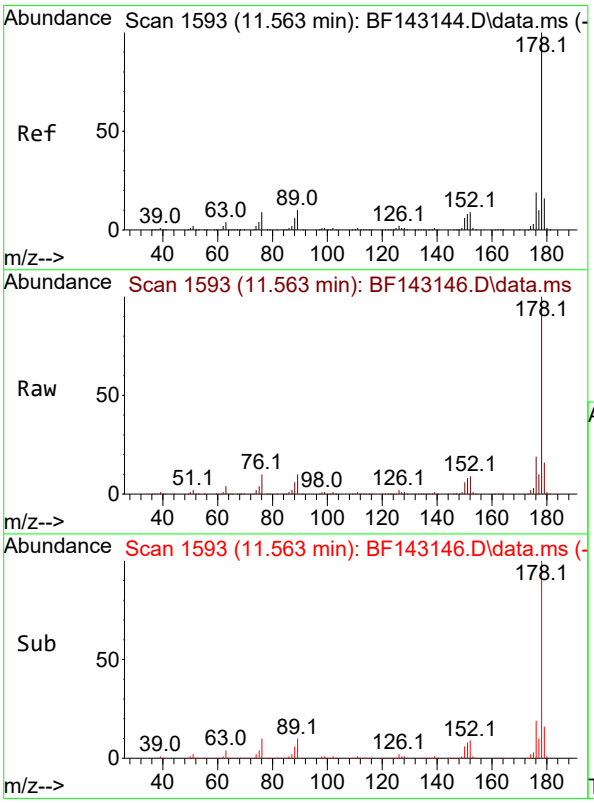
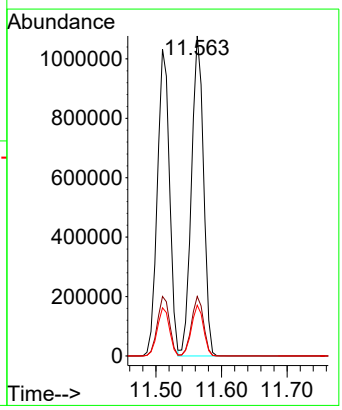
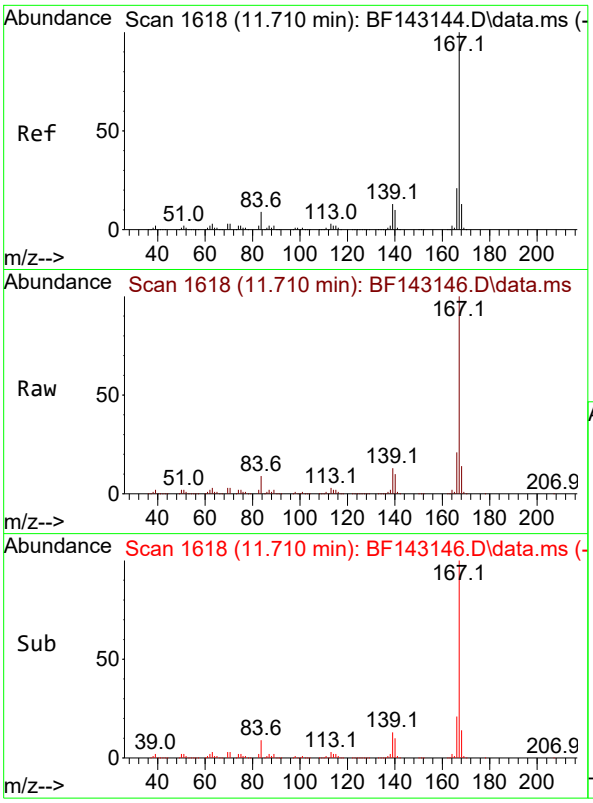


#72
Anthracene
Concen: 57.522 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:178 Resp: 1379601

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.8	12.5	18.7

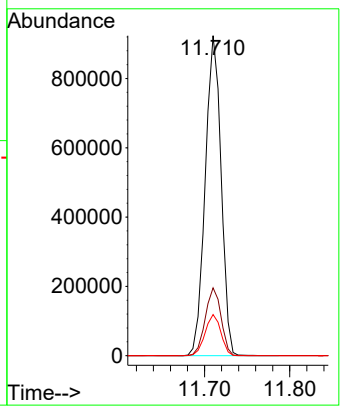




#73
Carbazole
Concen: 57.015 ng
RT: 11.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:167 Resp: 119402

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	12.9	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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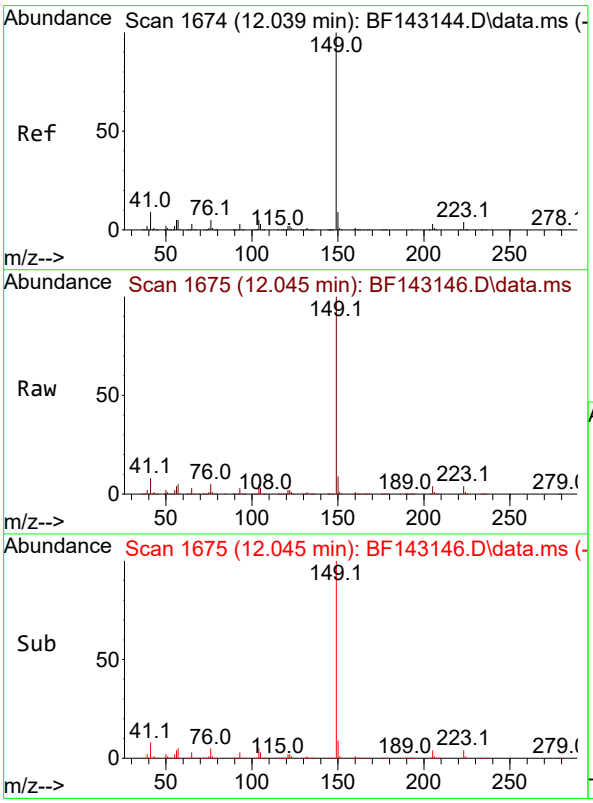
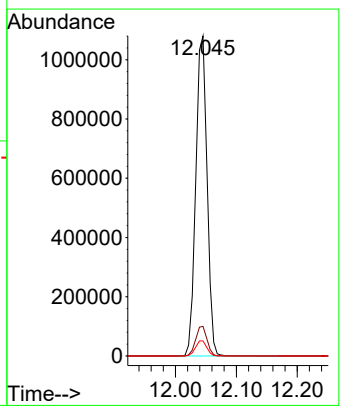
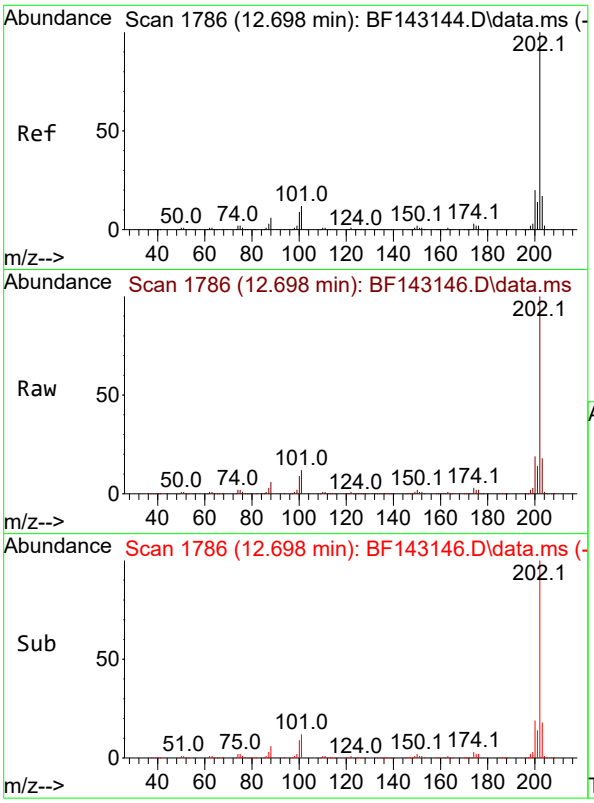


#74
Di-n-butylphthalate
Concen: 58.757 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 1392335

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.7	3.8	5.8

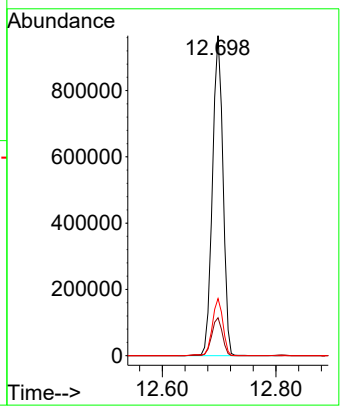




#75
Fluoranthene
Concen: 57.122 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:202 Resp: 123295

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.7
203	17.8	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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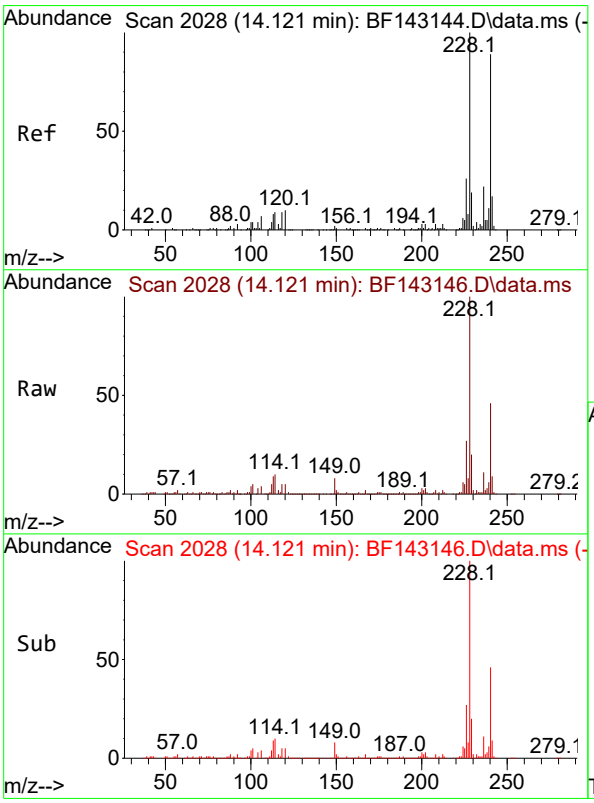
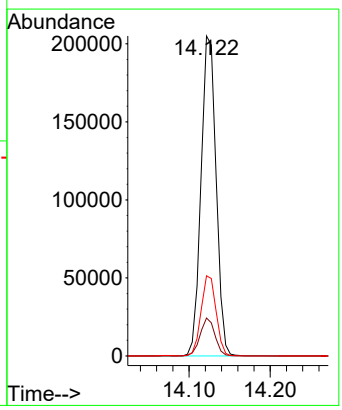
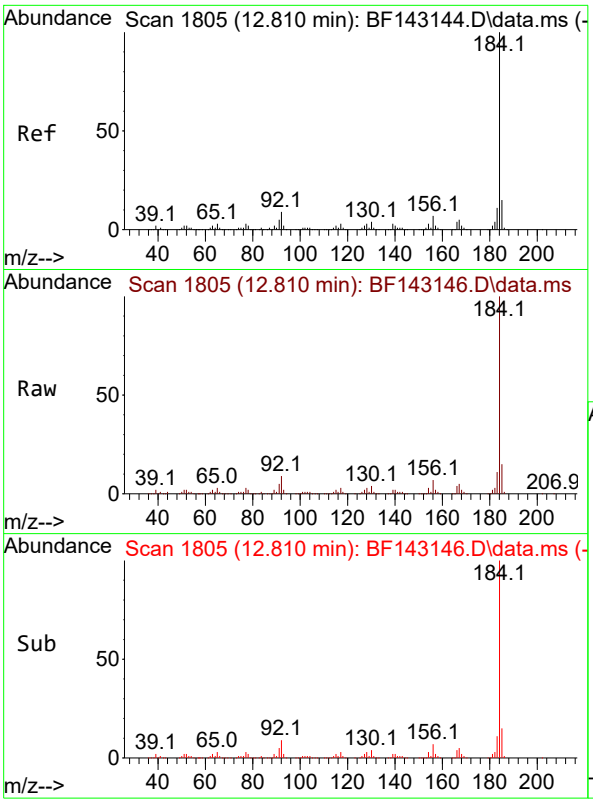


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:240 Resp: 264384

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.4	14.2
236	25.1	20.2	30.4

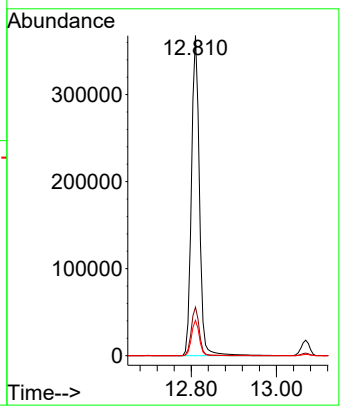




#77
Benzidine
Concen: 46.785 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:184 Resp: 47655

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.2	18.4
183	11.0	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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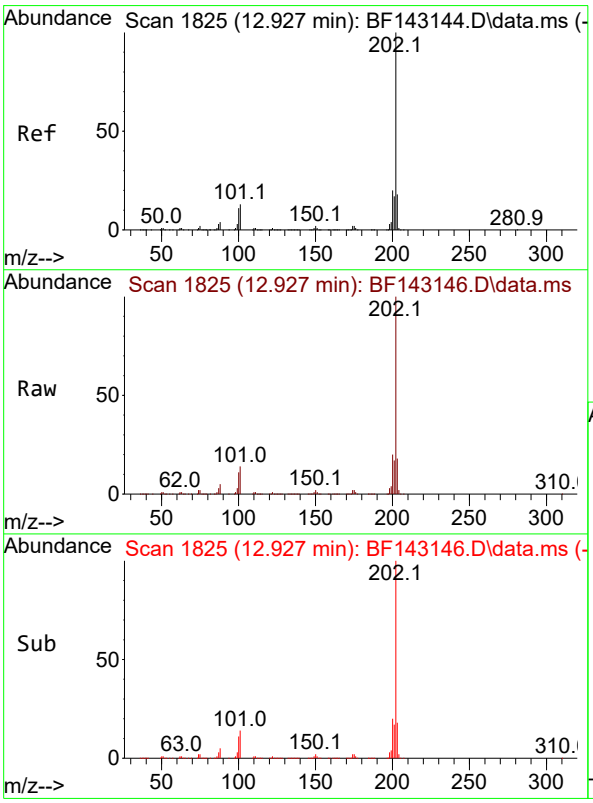
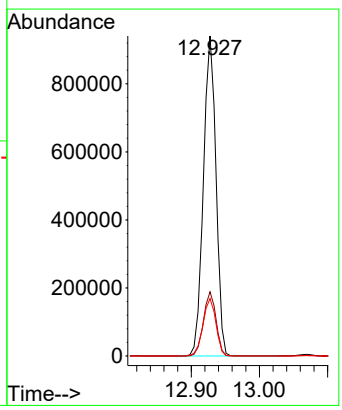
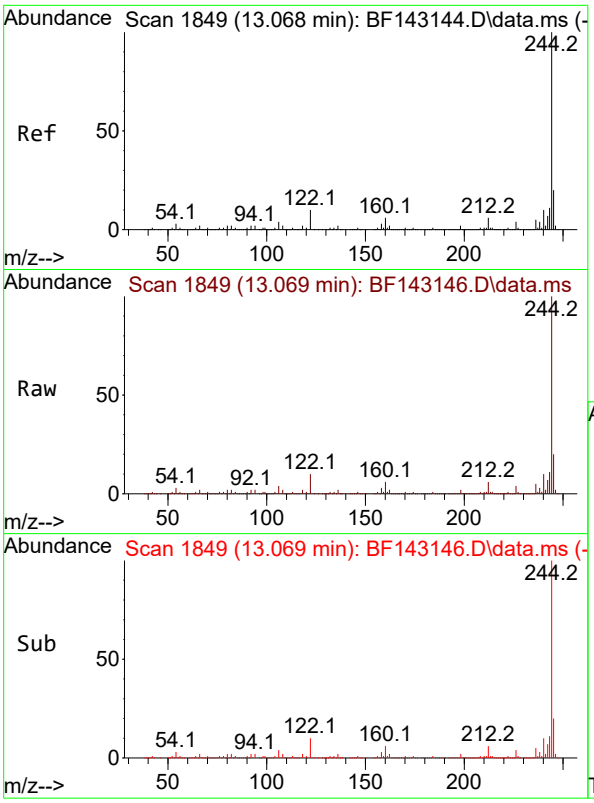


#78
Pyrene
Concen: 53.536 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:202 Resp: 1207978

Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.7	23.5
203	18.0	14.2	21.2

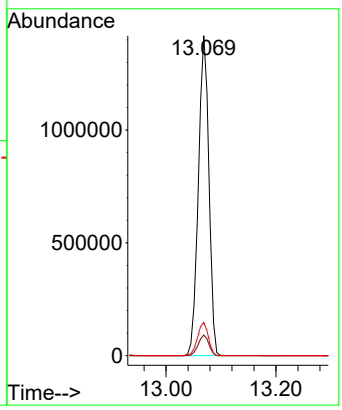




#79
Terphenyl-d14
Concen: 106.298 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:244 Resp: 188854

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	10.4	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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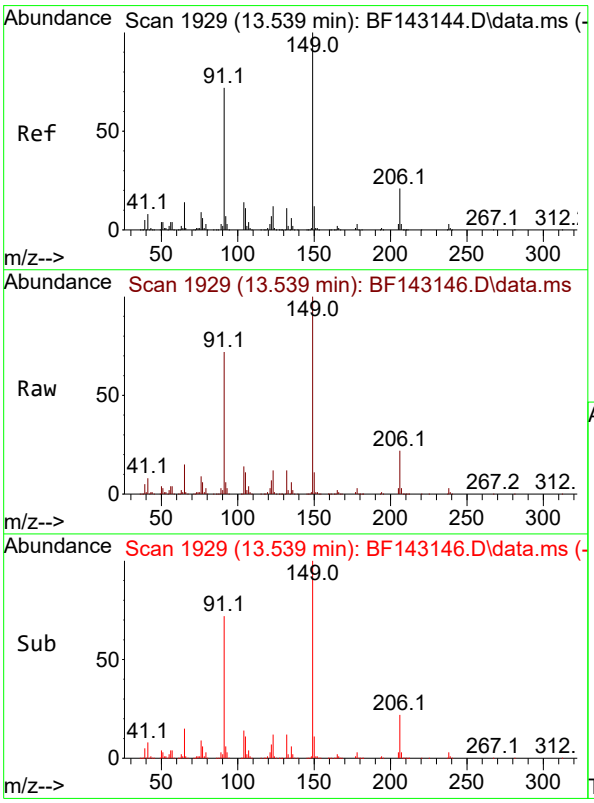
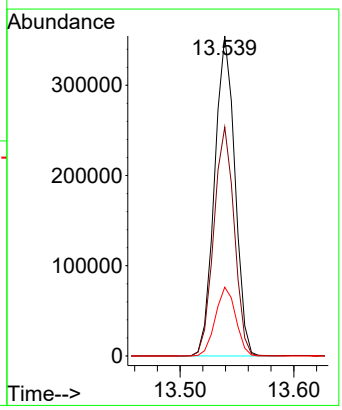
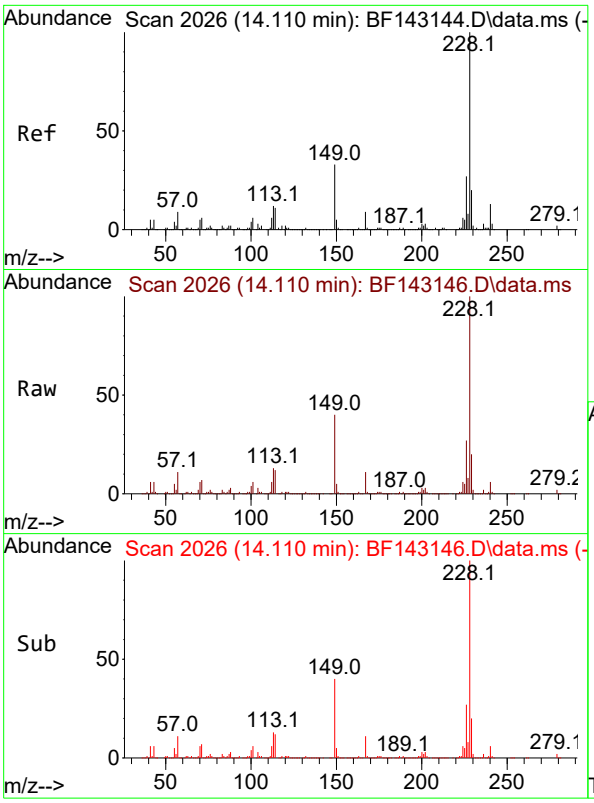


#80
Butylbenzylphthalate
Concen: 63.875 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 441334

Ion	Ratio	Lower	Upper
149	100		
91	71.6	57.9	86.9
206	21.5	17.0	25.4

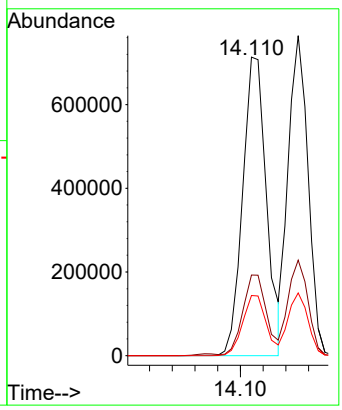




#81
Benzo(a)anthracene
Concen: 58.825 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:228 Resp: 104123

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.7	32.5
229	20.2	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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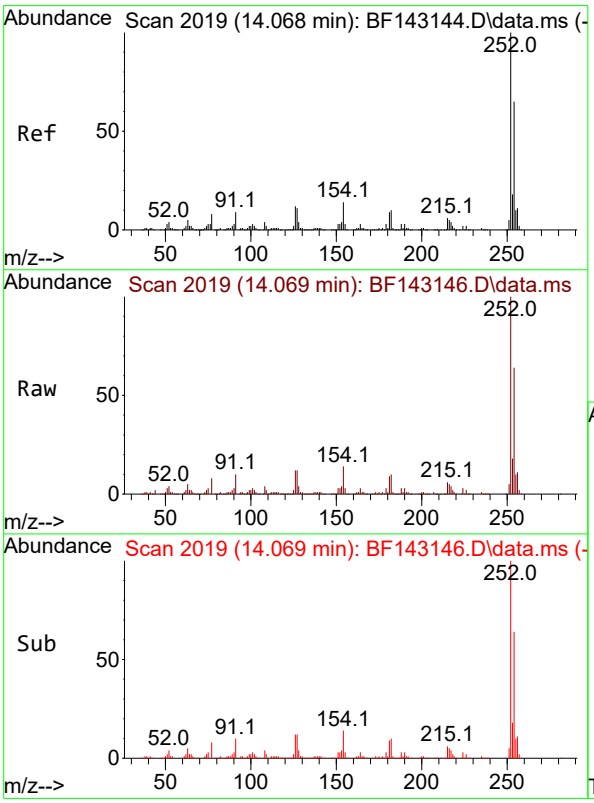
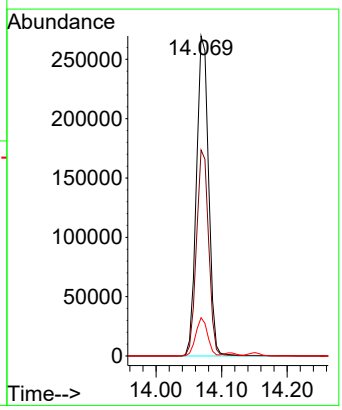
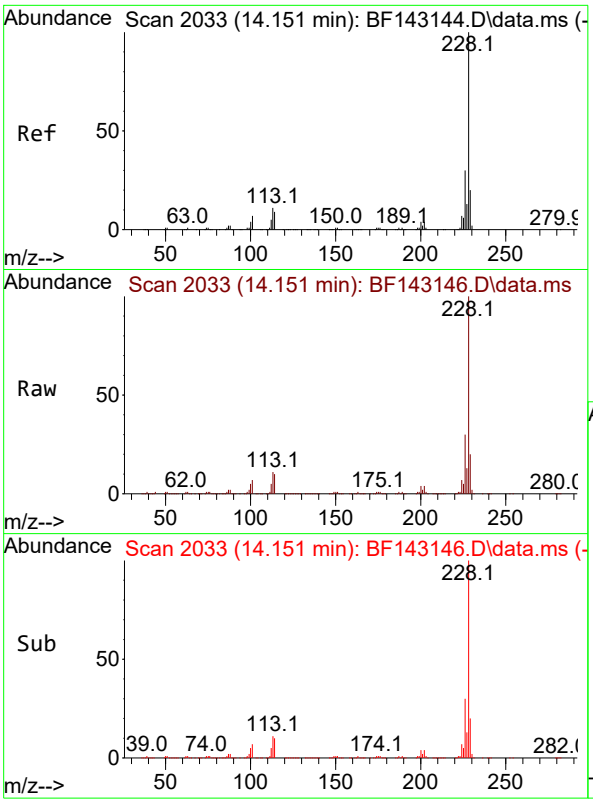


#82
3,3'-Dichlorobenzidine
Concen: 59.155 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:252 Resp: 348979

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.7	77.5
126	12.0	9.4	14.0

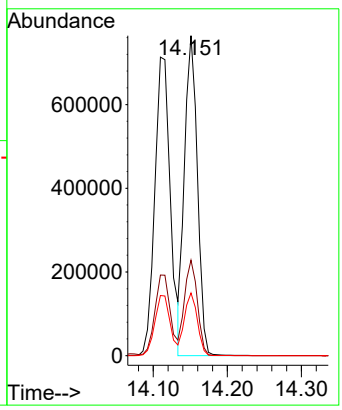




#83
Chrysene
Concen: 58.472 ng
RT: 14.151 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:228 Resp: 93054

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.8
229	19.6	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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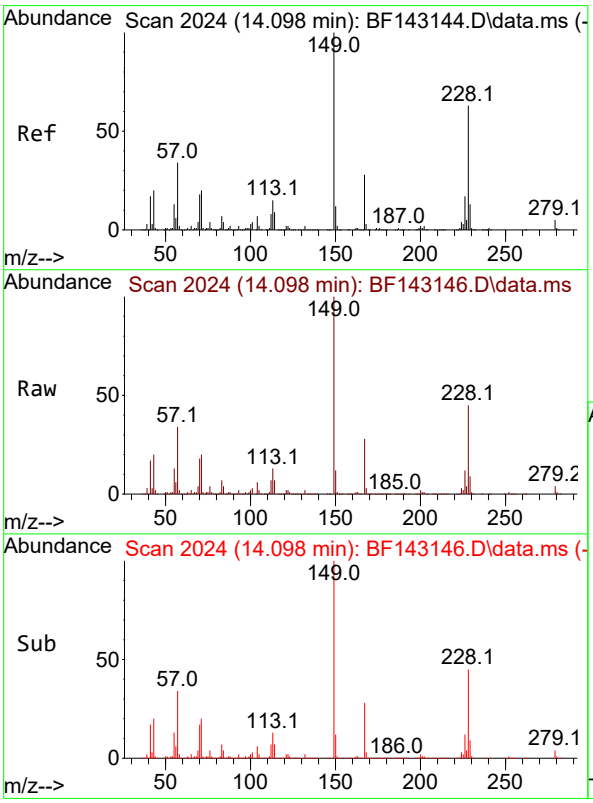
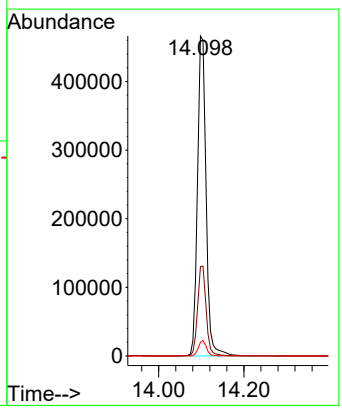
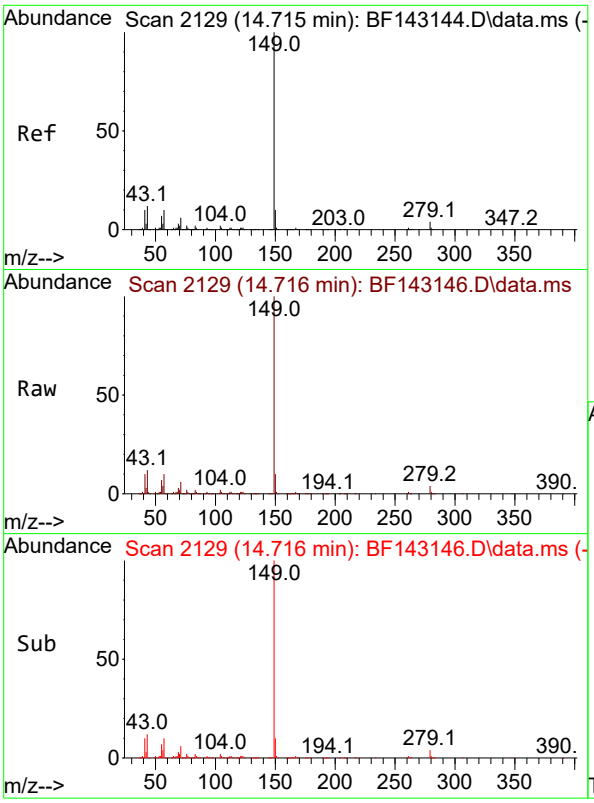


#84
Bis(2-ethylhexyl)phthalate
Concen: 62.678 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 655482

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.3	33.5
279	4.3	3.6	5.4

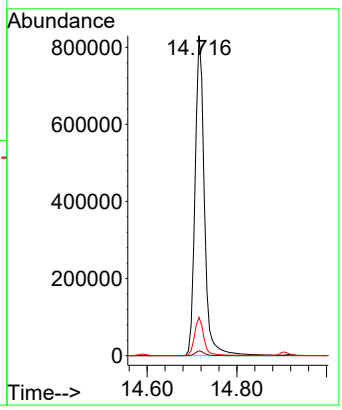




#85
Di-n-octyl phthalate
Concen: 63.095 ng
RT: 14.716 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 119604

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	12.0	9.7	14.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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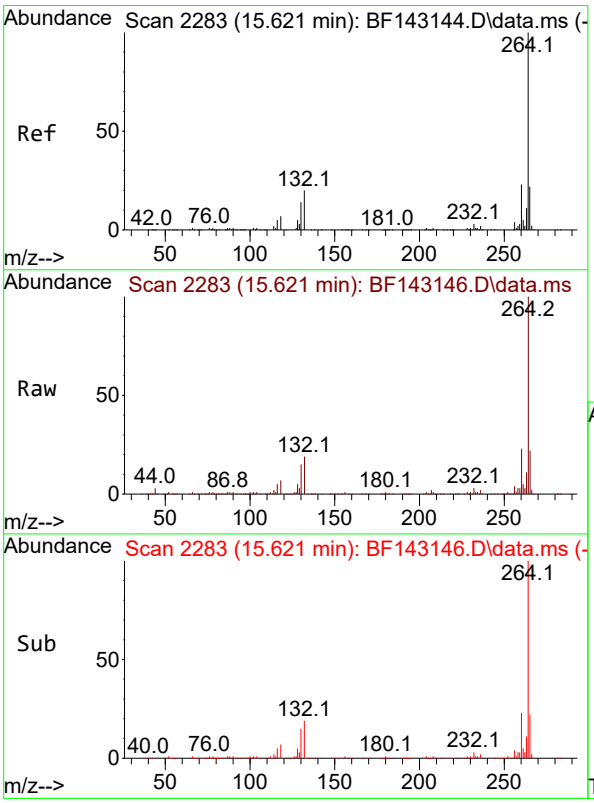
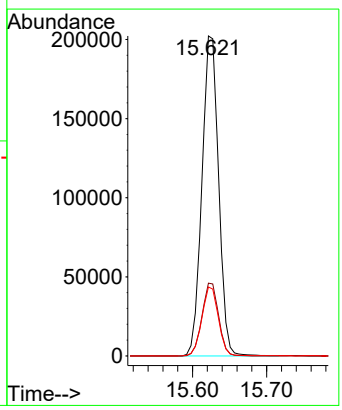
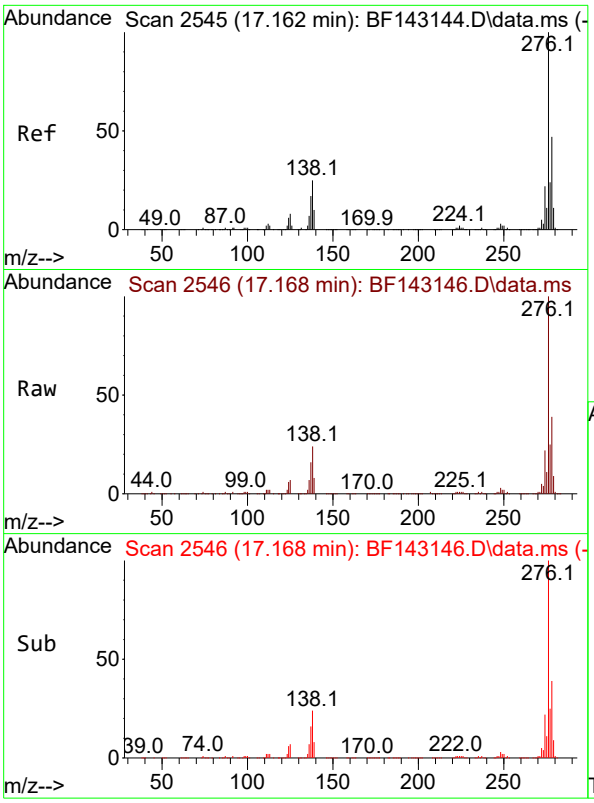


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:264 Resp: 315904

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.5	27.7
265	21.5	17.4	26.2

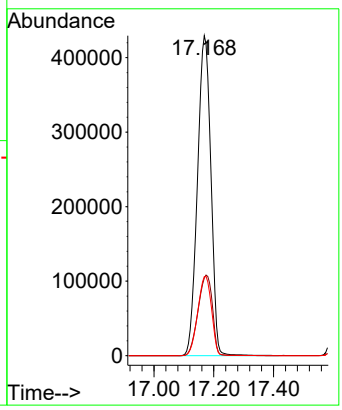




#87
Indeno(1,2,3-cd)pyrene
Concen: 60.037 ng
RT: 17.168 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:276 Resp: 133736

Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.8	32.6
277	25.4	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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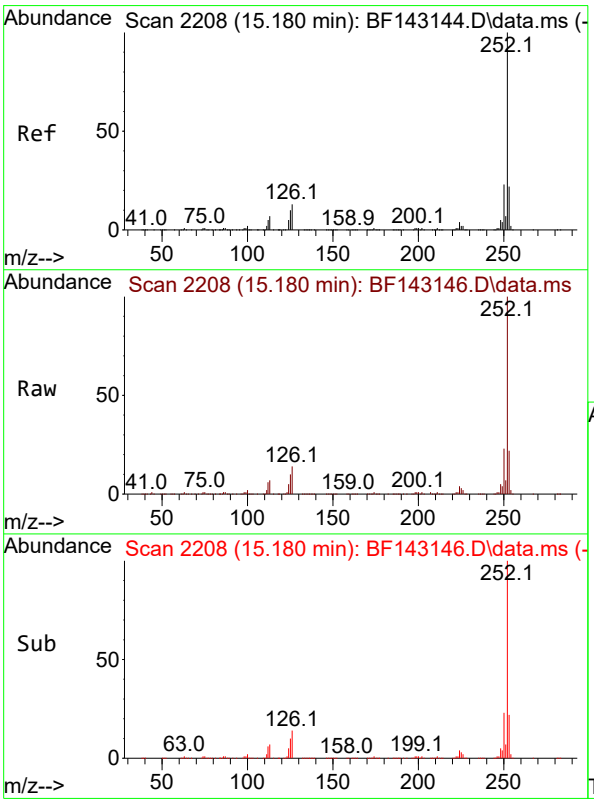
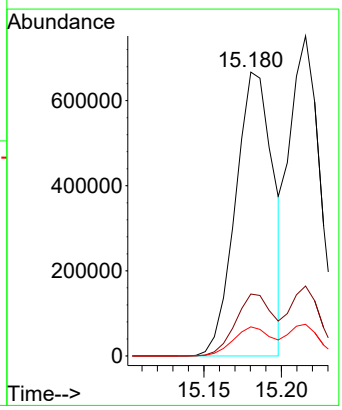
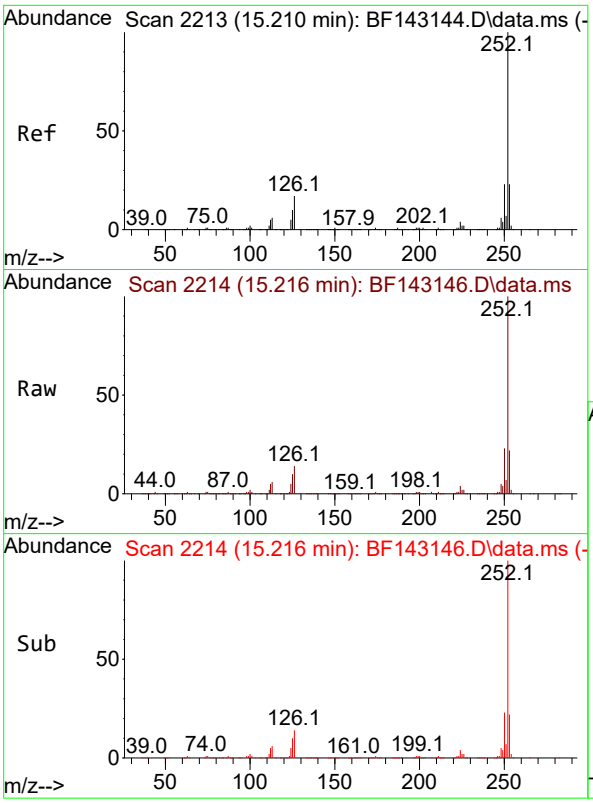


#88
Benzo(b)fluoranthene
Concen: 58.328 ng
RT: 15.180 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:252 Resp: 1125667

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	10.3	8.0	12.0

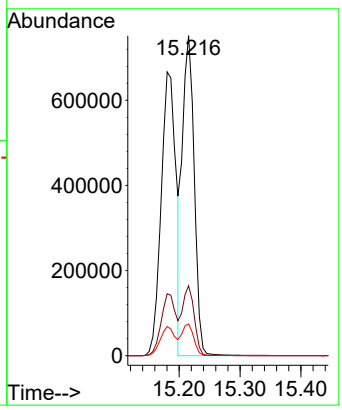




#89
Benzo(k)fluoranthene
Concen: 59.411 ng
RT: 15.216 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:252 Resp: 102313

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	9.9	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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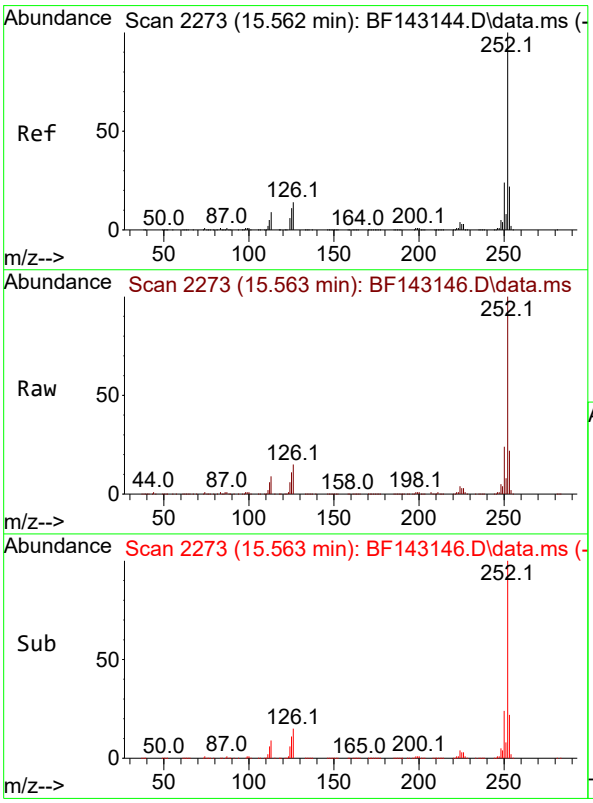
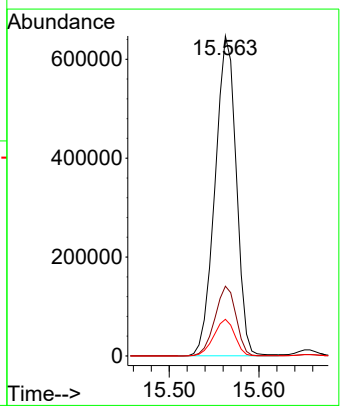
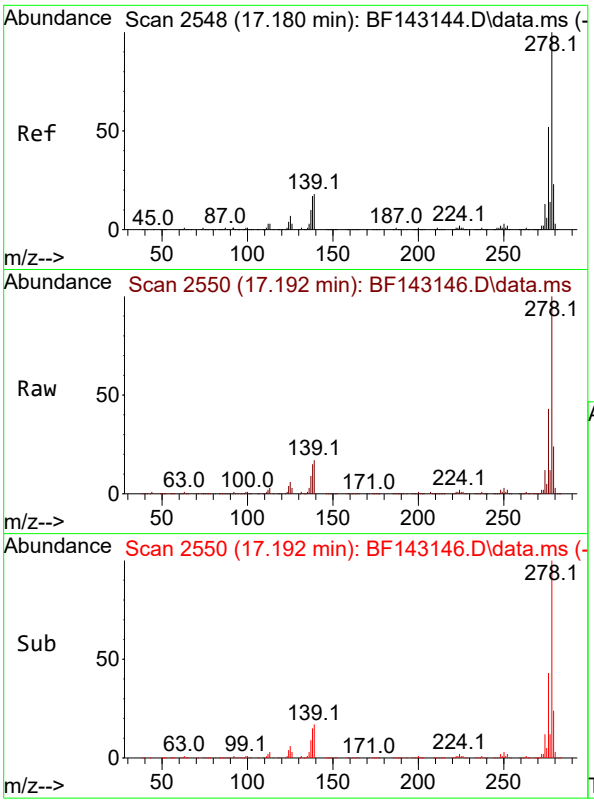


#90
Benzo(a)pyrene
Concen: 59.730 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:252 Resp: 1062049

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	11.5	8.6	13.0

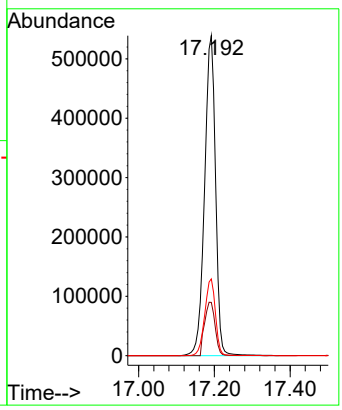




#91
Dibenzo(a,h)anthracene
Concen: 59.610 ng
RT: 17.192 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:278 Resp: 108076

Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.1	21.1
279	24.0	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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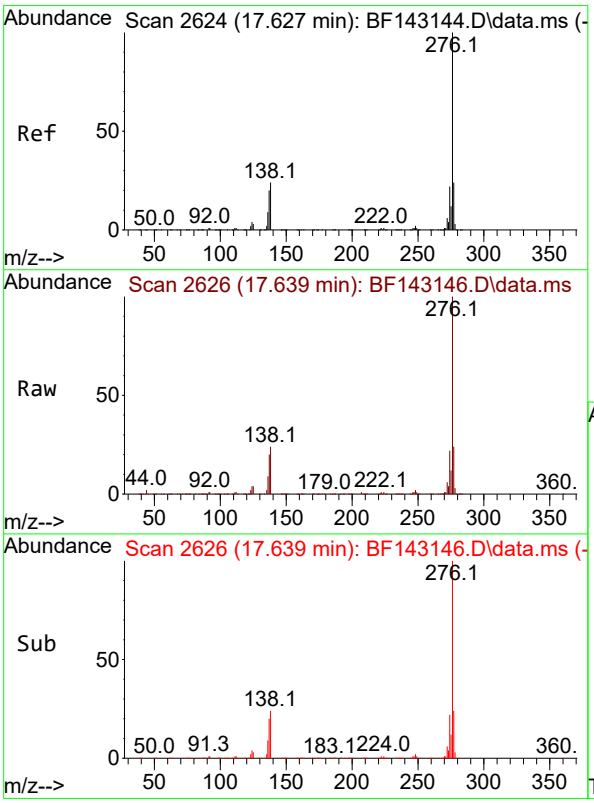
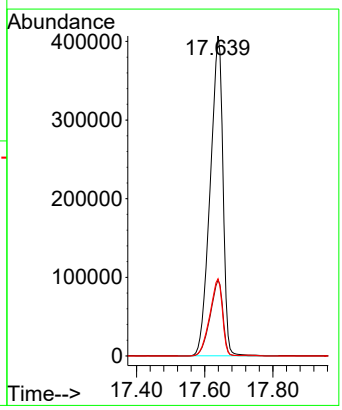


#92
Benzo(g,h,i)perylene
Concen: 60.163 ng
RT: 17.639 min Scan# 2626
Delta R.T. 0.012 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:276 Resp: 1055168

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	24.2	18.9	28.3



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Acq On : 17 Jul 2025 14:34
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:05:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	145034	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	544516	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	275619	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	429046	20.000	ng		0.00
76) Chrysene-d12	14.127	240	245351	20.000	ng		0.00
86) Perylene-d12	15.627	264	296687	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	1300344	141.880	ng		0.00
7) Phenol-d6	6.593	99	1639937	142.159	ng		0.00
23) Nitrobenzene-d5	7.534	82	1644581	150.551	ng		0.01
42) 2,4,6-Tribromophenol	10.792	330	437054	153.498	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	2623071	130.157	ng		0.00
79) Terphenyl-d14	13.069	244	2202828	133.606	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	323993	74.710	ng		99
3) Pyridine	3.569	79	842446	74.844	ng		99
4) n-Nitrosodimethylamine	3.528	42	445612	76.677	ng		97
6) Aniline	6.628	93	1170943	72.831	ng		98
8) 2-Chlorophenol	6.751	128	699193	72.781	ng		99
9) Benzaldehyde	6.516	77	493544	57.055	ng		99
10) Phenol	6.610	94	888041m	70.663	ng		
11) bis(2-Chloroethyl)ether	6.698	93	697645	72.503	ng		100
12) 1,3-Dichlorobenzene	6.910	146	734699	70.400	ng		100
13) 1,4-Dichlorobenzene	6.987	146	739462	70.360	ng		99
14) 1,2-Dichlorobenzene	7.140	146	709300	70.958	ng		100
15) Benzyl Alcohol	7.104	79	661847	75.139	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.240	45	1265589	70.902	ng		99
17) 2-Methylphenol	7.210	107	595477	73.719	ng		99
18) Hexachloroethane	7.481	117	266665	73.293	ng		99
19) n-Nitroso-di-n-propyla...	7.387	70	528820	71.452	ng		99
20) 3+4-Methylphenols	7.369	107	673906	68.763	ng	#	87
22) Acetophenone	7.375	105	890890	69.107	ng	#	95
24) Nitrobenzene	7.551	77	751964	73.836	ng		100
25) Isophorone	7.792	82	1453353	75.366	ng		99
26) 2-Nitrophenol	7.863	139	364951	82.568	ng		100
27) 2,4-Dimethylphenol	7.898	122	649144	72.050	ng		99
28) bis(2-Chloroethoxy)met...	7.992	93	834021	72.134	ng		99
29) 2,4-Dichlorophenol	8.104	162	558665	73.527	ng		99
30) 1,2,4-Trichlorobenzene	8.187	180	588333	71.673	ng		99
31) Naphthalene	8.269	128	1854387	69.150	ng		100
32) Benzoic acid	8.028	122	423625m	79.801	ng		
33) 4-Chloroaniline	8.310	127	787243	71.895	ng		98
34) Hexachlorobutadiene	8.392	225	368327	73.453	ng		99
35) Caprolactam	8.698	113	178271	77.644	ng		96
36) 4-Chloro-3-methylphenol	8.792	107	614048	74.354	ng		99
37) 2-Methylnaphthalene	8.957	142	1137176	69.687	ng		100
38) 1-Methylnaphthalene	9.057	142	1168702	69.550	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	568070	71.389	ng		99
41) Hexachlorocyclopentadiene	9.122	237	412756	79.719	ng		100
43) 2,4,6-Trichlorophenol	9.234	196	412148	74.838	ng		100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143147.D
Acq On : 17 Jul 2025 14:34
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 17 15:05:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
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Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	423565	76.888	ng		99
46) 1,1'-Biphenyl	9.428	154	1492094	69.388	ng		100
47) 2-Chloronaphthalene	9.451	162	1131626	71.122	ng		100
48) 2-Nitroaniline	9.534	65	404023	80.971	ng		96
49) Acenaphthylene	9.869	152	1868062	70.057	ng		100
50) Dimethylphthalate	9.728	163	1288559	71.723	ng		99
51) 2,6-Dinitrotoluene	9.781	165	292718	80.093	ng		99
52) Acenaphthene	10.039	154	1120315	71.086	ng		99
53) 3-Nitroaniline	9.951	138	333980	78.128	ng		98
54) 2,4-Dinitrophenol	10.051	184	133446	80.516	ng	#	40
55) Dibenzofuran	10.210	168	1615399	69.038	ng		99
56) 4-Nitrophenol	10.098	139	252698	79.161	ng		99
57) 2,4-Dinitrotoluene	10.186	165	376124	82.029	ng		96
58) Fluorene	10.551	166	1197731	68.203	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	340118	74.533	ng		100
60) Diethylphthalate	10.422	149	1276217	71.870	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	614962	70.326	ng		99
62) 4-Nitroaniline	10.569	138	291926	79.680	ng		98
63) Azobenzene	10.704	77	1318720	71.255	ng		99
65) 4,6-Dinitro-2-methylph...	10.592	198	186415	78.948	ng		98
66) n-Nitrosodiphenylamine	10.663	169	1087990	72.014	ng		98
67) 4-Bromophenyl-phenylether	11.033	248	382122	74.734	ng		98
68) Hexachlorobenzene	11.104	284	399107	74.680	ng		96
69) Atrazine	11.180	200	324126	77.819	ng		99
70) Pentachlorophenol	11.286	266	257176	81.829	ng		98
71) Phenanthrene	11.516	178	1602208	70.331	ng		100
72) Anthracene	11.563	178	1641264	70.640	ng		100
73) Carbazole	11.710	167	1435444	70.754	ng		99
74) Di-n-butylphthalate	12.045	149	1699503	74.034	ng		100
75) Fluoranthene	12.698	202	1498103	71.645	ng		99
78) Pyrene	12.927	202	1466205	70.021	ng		100
80) Butylbenzylphthalate	13.539	149	521631	81.353	ng		99
81) Benzo(a)anthracene	14.116	228	1212056	73.788	ng		100
82) 3,3'-Dichlorobenzidine	14.074	252	393448	71.867	ng		99
83) Chrysene	14.151	228	1105636	74.863	ng		100
84) Bis(2-ethylhexyl)phtha...	14.104	149	774366	79.790	ng		99
85) Di-n-octyl phthalate	14.716	149	1434055	81.519	ng		99
87) Indeno(1,2,3-cd)pyrene	17.174	276	1604969	76.718	ng		99
88) Benzo(b)fluoranthene	15.186	252	1438518	79.367	ng		100
89) Benzo(k)fluoranthene	15.216	252	1111726	68.737	ng		100
90) Benzo(a)pyrene	15.568	252	1269253	76.006	ng		99
91) Dibenzo(a,h)anthracene	17.198	278	1289789	75.746	ng		99
92) Benzo(g,h,i)perylene	17.645	276	1265778	76.846	ng		100

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

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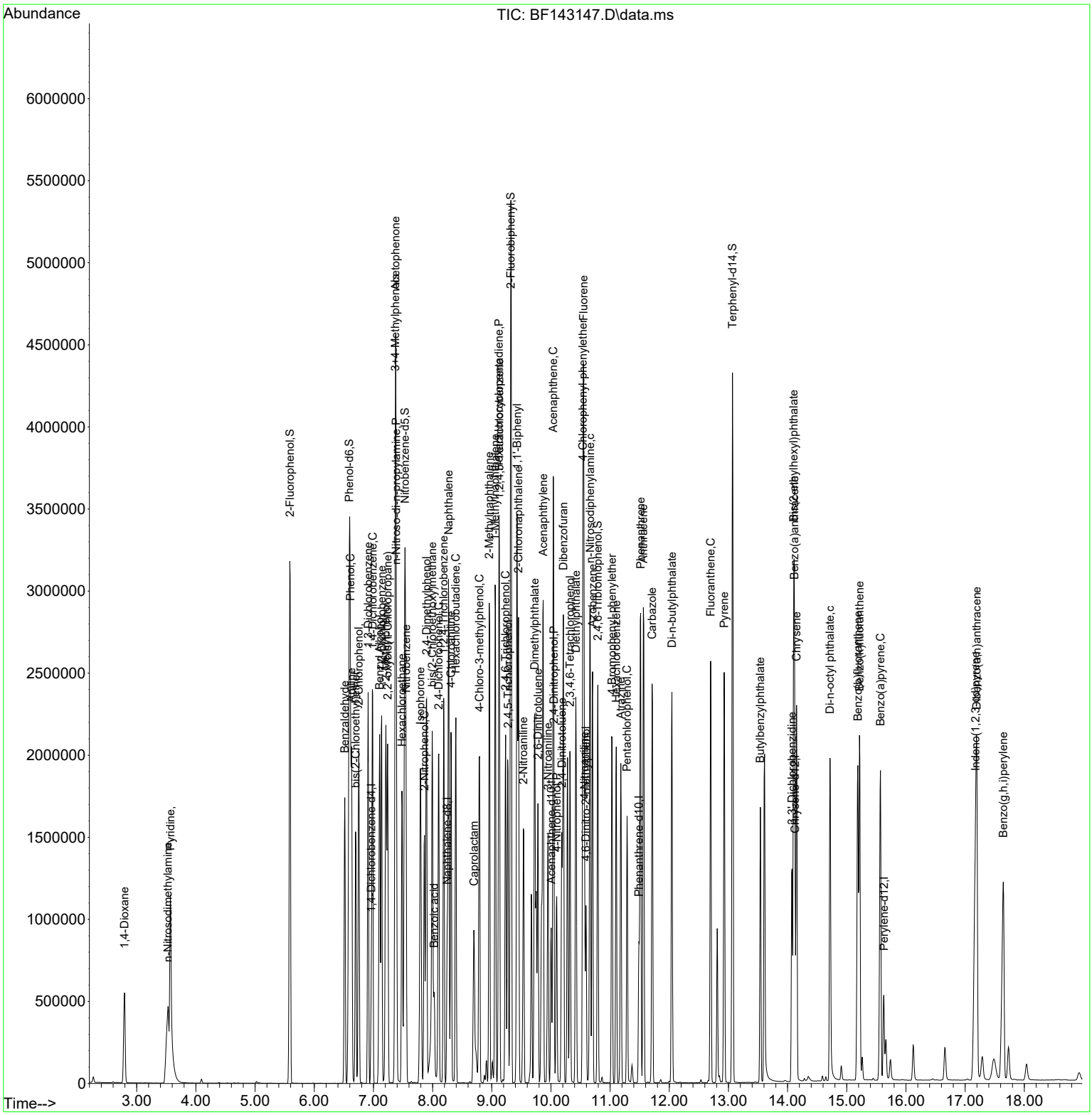
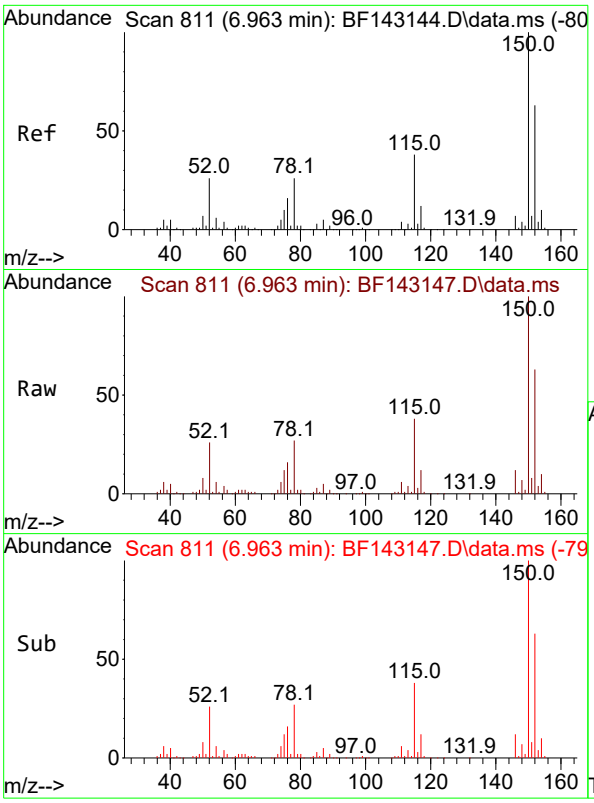
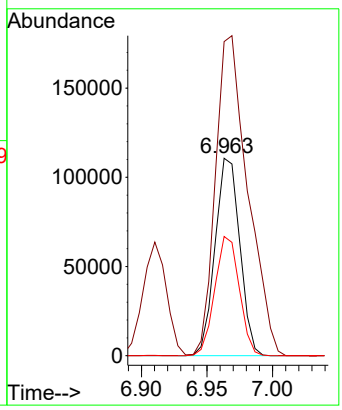




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:152 Resp: 14503

Ion	Ratio	Lower	Upper
152	100		
150	159.0	128.2	192.4
115	60.4	47.9	71.9



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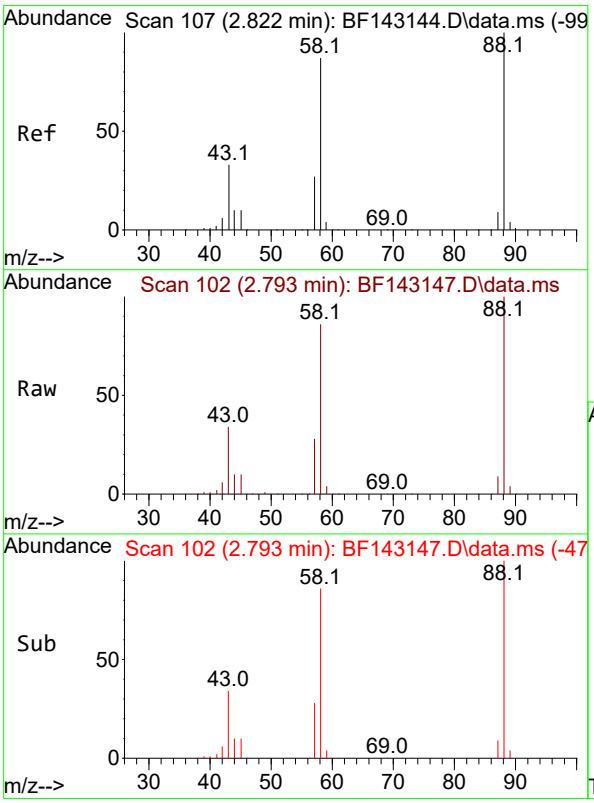
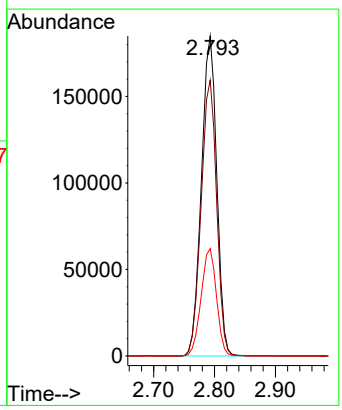
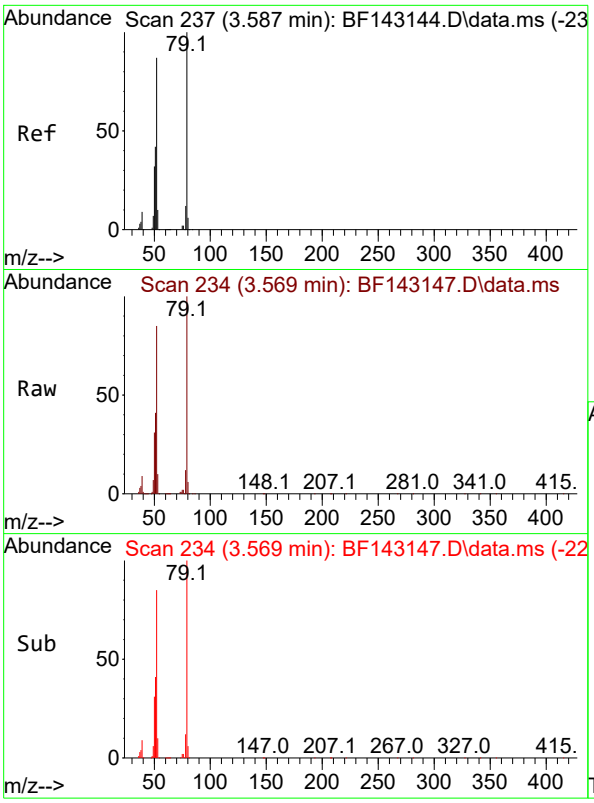


#2
1,4-Dioxane
Concen: 74.710 ng
RT: 2.793 min Scan# 102
Delta R.T. -0.029 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 88 Resp: 323993

Ion	Ratio	Lower	Upper
88	100		
58	86.8	70.2	105.2
43	33.6	27.1	40.7

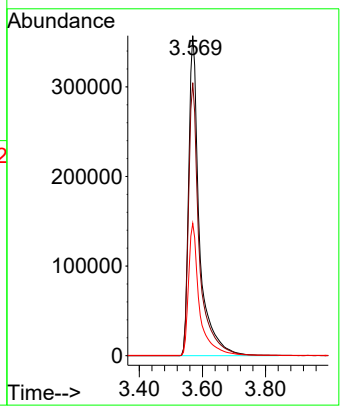




#3
Pyridine
Concen: 74.844 ng
RT: 3.569 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 79 Resp: 84244

Ion	Ratio	Lower	Upper
79	100		
52	85.3	69.4	104.2
51	41.4	33.5	50.3



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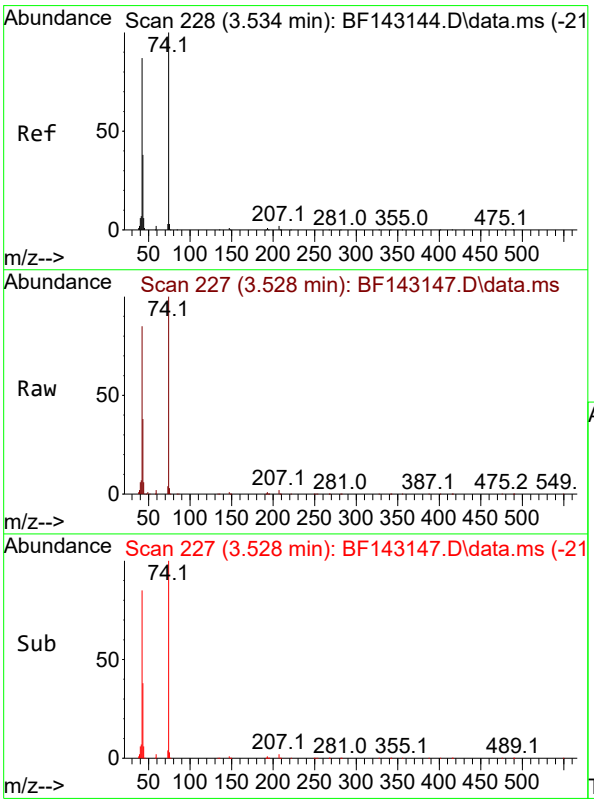
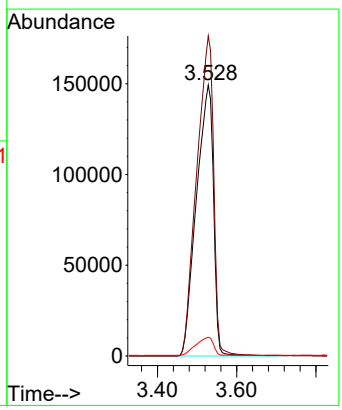
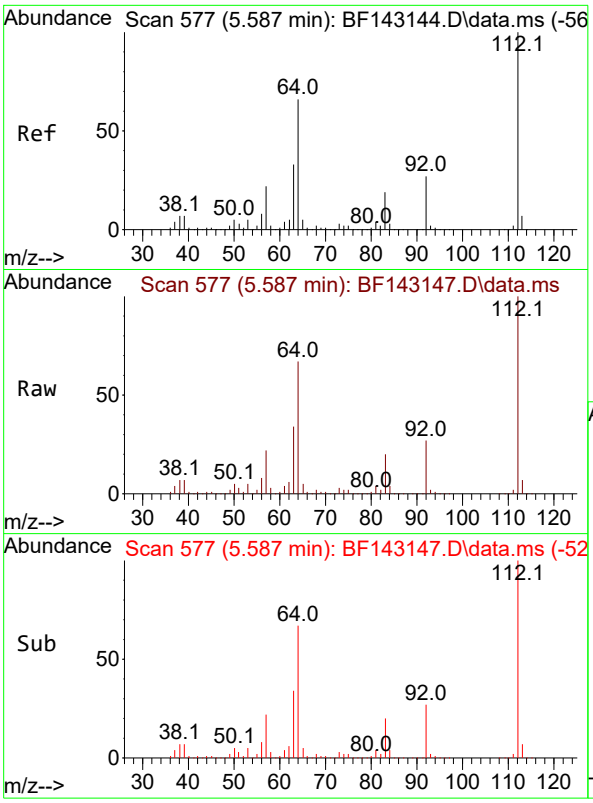


#4
n-Nitrosodimethylamine
Concen: 76.677 ng
RT: 3.528 min Scan# 227
Delta R.T. -0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 42 Resp: 445612

Ion	Ratio	Lower	Upper
42	100		
74	118.0	91.7	137.5
44	6.9	5.6	8.4

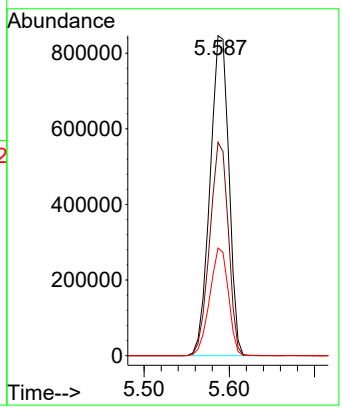




#5
2-Fluorophenol
Concen: 141.880 ng
RT: 5.587 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:112 Resp: 130034

Ion	Ratio	Lower	Upper
112	100		
64	66.6	53.1	79.7
63	33.6	26.6	40.0



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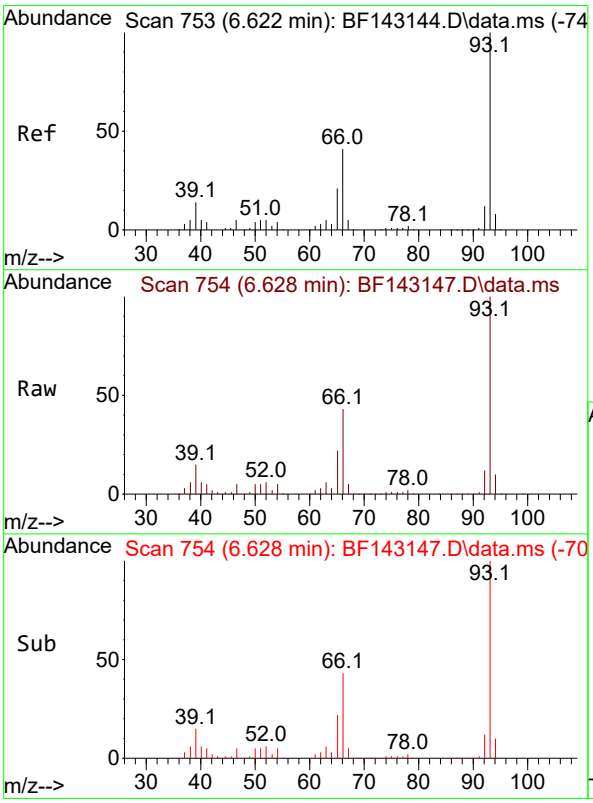
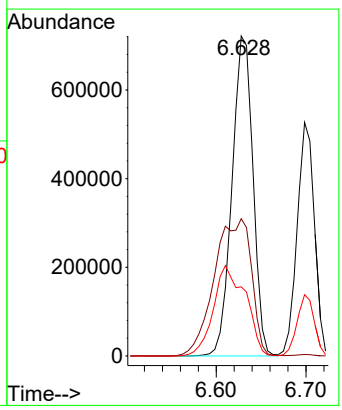
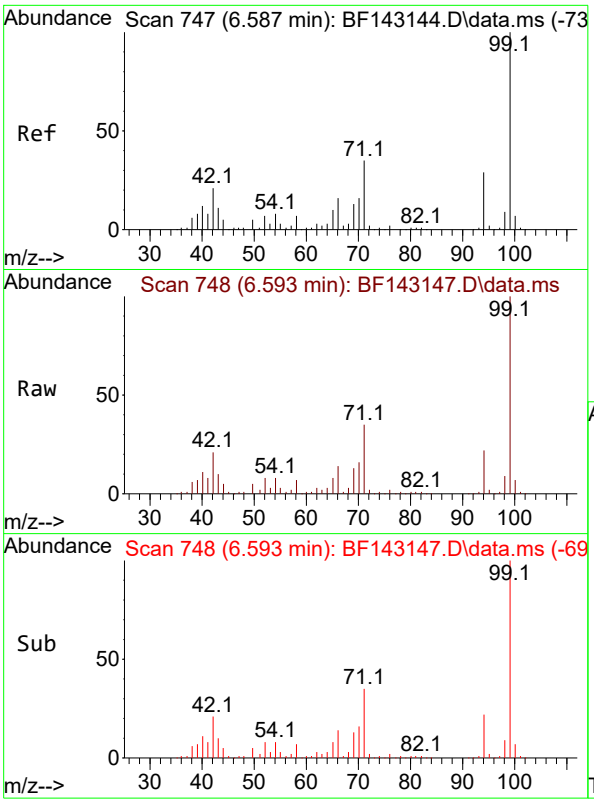


#6
Aniline
Concen: 72.831 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 93 Resp: 1170943

Ion	Ratio	Lower	Upper
93	100		
66	42.9	33.2	49.8
65	21.6	16.9	25.3

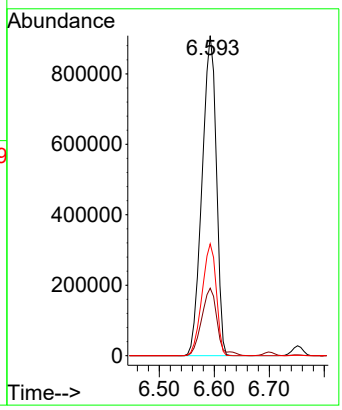




#7
Phenol-d6
Concen: 142.159 ng
RT: 6.593 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 99 Resp: 163993

Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.0	25.6
71	35.0	27.7	41.5



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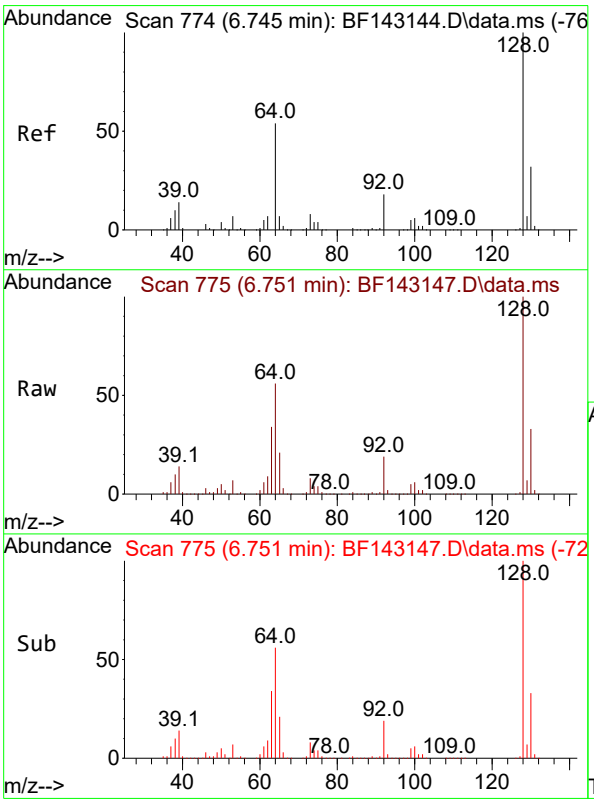
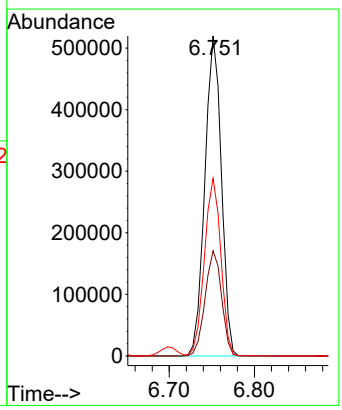
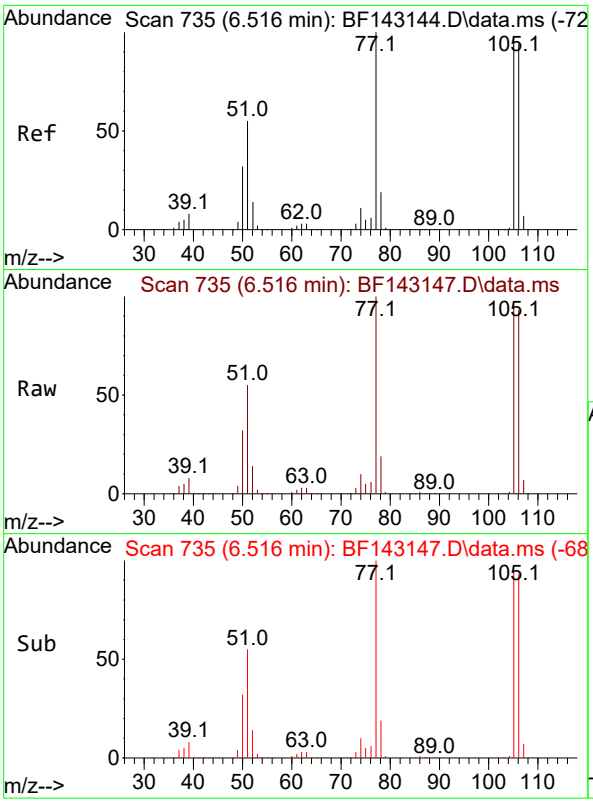


#8
2-Chlorophenol
Concen: 72.781 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:128 Resp: 699193

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.3	52.3
64	55.5	35.9	75.9

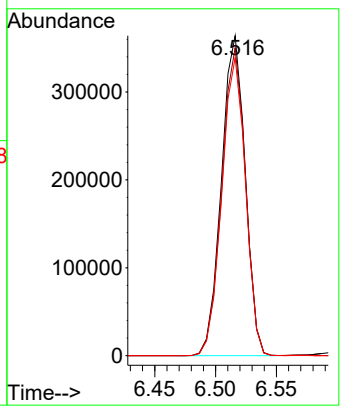




#9
Benzaldehyde
Concen: 57.055 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 77 Resp: 49354

Ion	Ratio	Lower	Upper
77	100		
105	96.2	76.8	116.8
106	93.1	74.4	114.4



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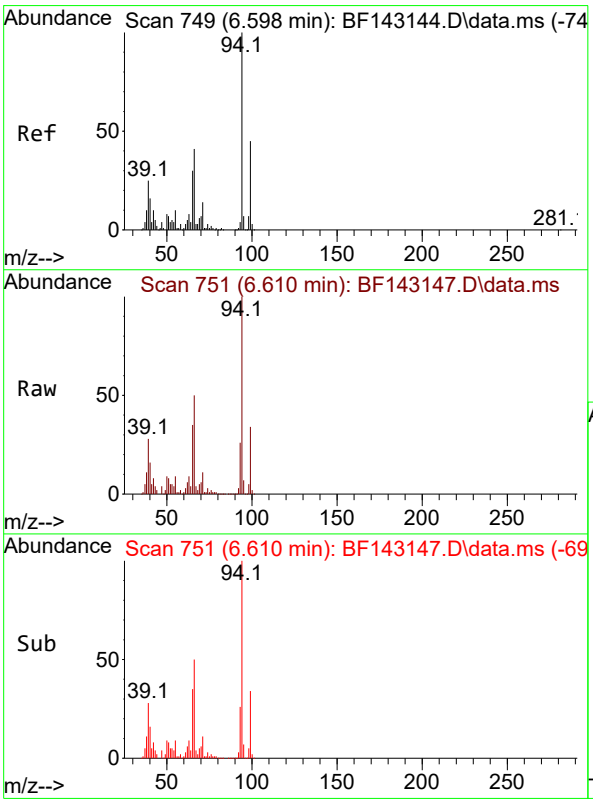
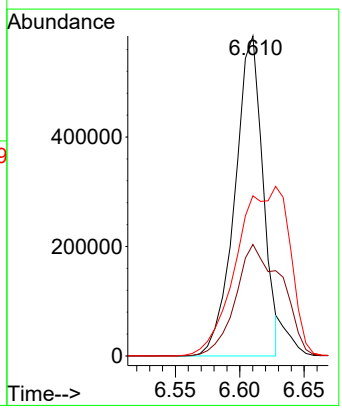
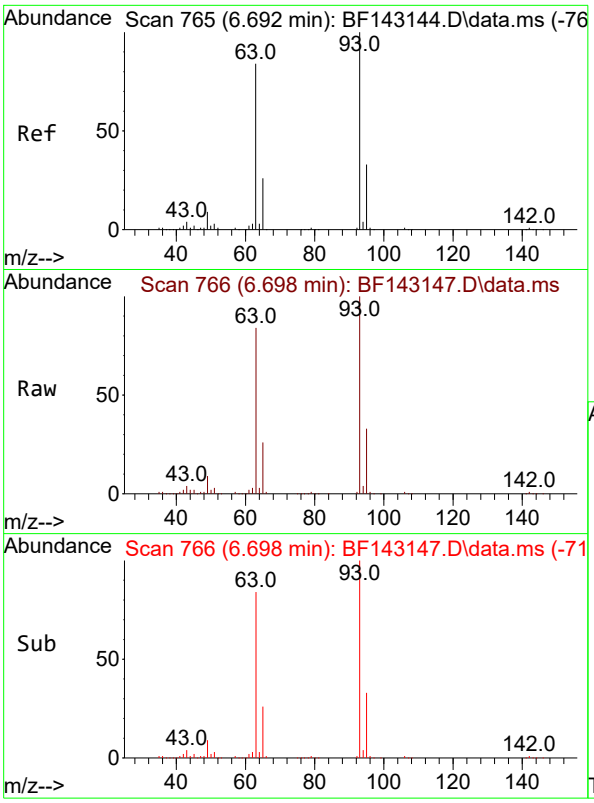


#10
Phenol
Concen: 70.663 ng m
RT: 6.610 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 94 Resp: 888041

Ion	Ratio	Lower	Upper
94	100		
65	34.9	10.0	50.0
66	50.1	20.8	60.8

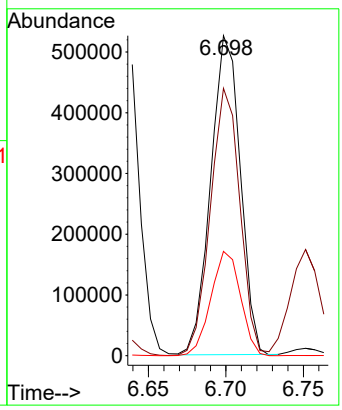




#11
bis(2-Chloroethyl)ether
Concen: 72.503 ng
RT: 6.698 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 93 Resp: 69764

Ion	Ratio	Lower	Upper
93	100		
63	83.6	63.4	103.4
95	32.6	12.4	52.4



Instrument :
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ClientSampleId :
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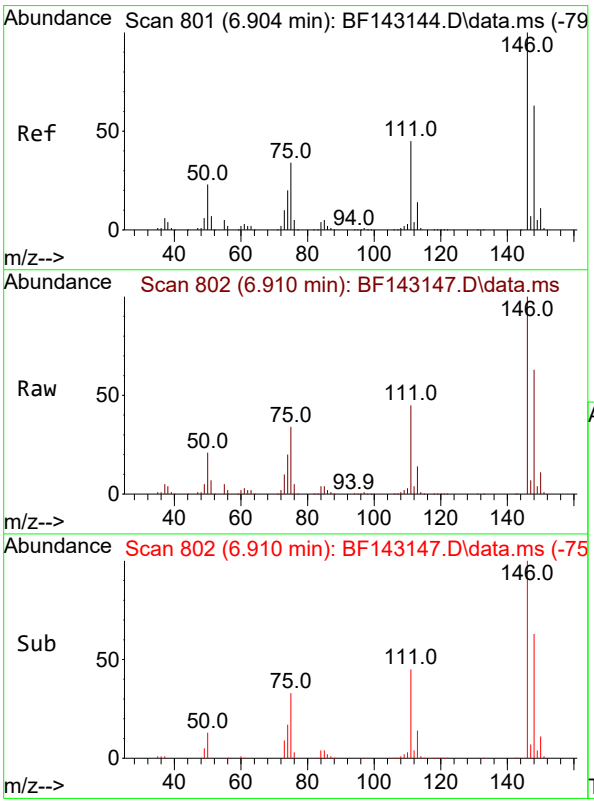
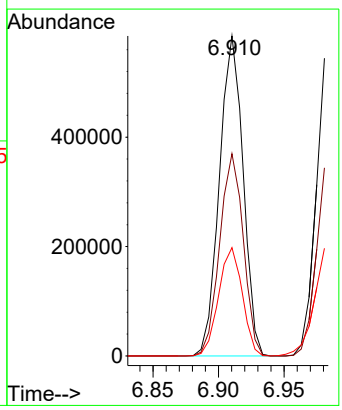
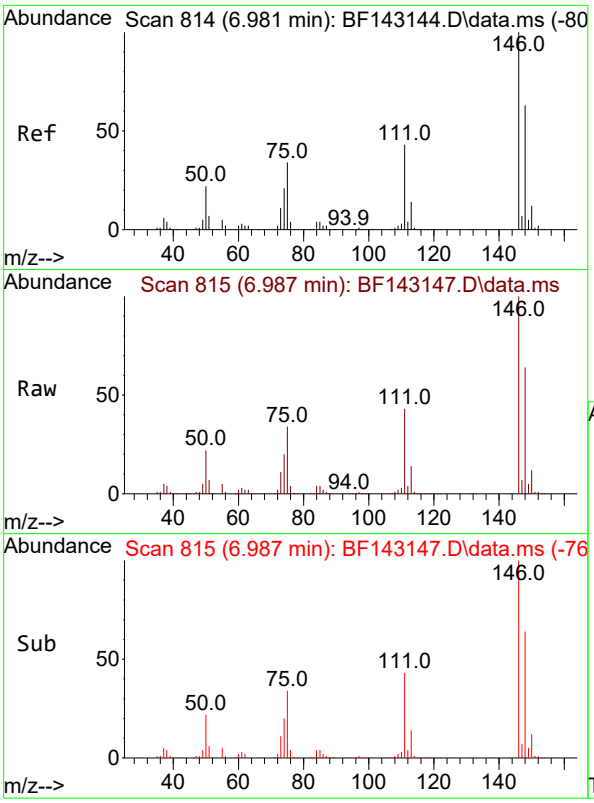


#12
1,3-Dichlorobenzene
Concen: 70.400 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:146 Resp: 734699

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	76.0
75	33.9	27.4	41.2

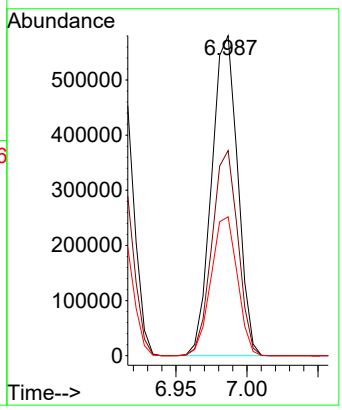




#13
1,4-Dichlorobenzene
Concen: 70.360 ng
RT: 6.987 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:146 Resp: 73946

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.3	75.5
111	43.4	34.4	51.6



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ClientSampleId :
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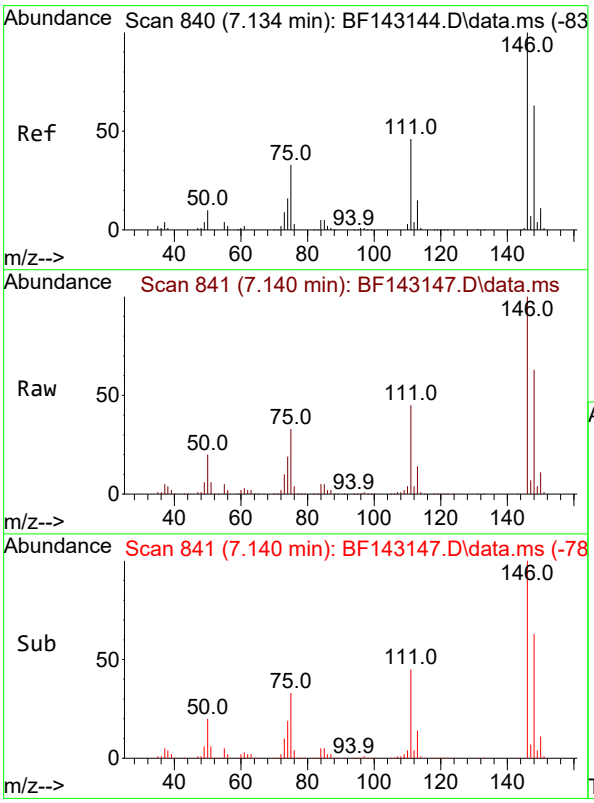
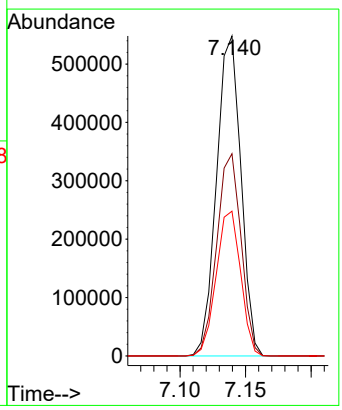
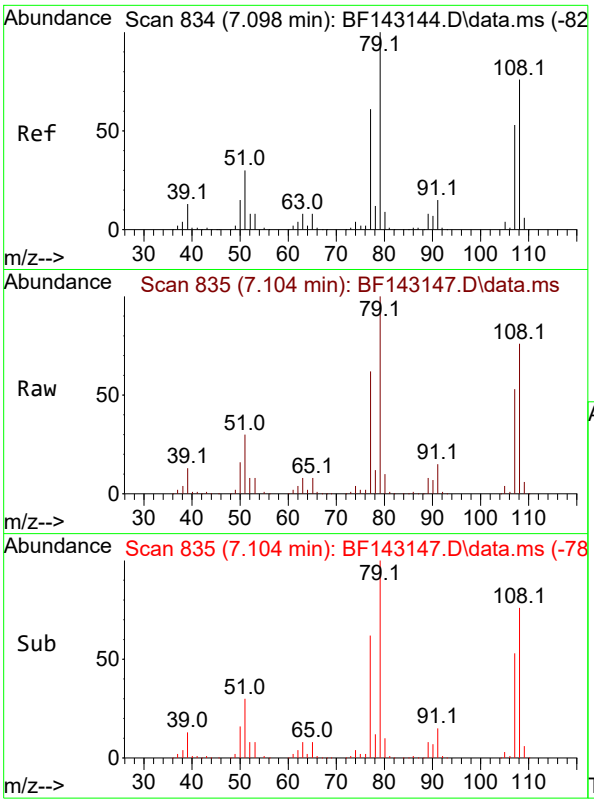


#14
1,2-Dichlorobenzene
Concen: 70.958 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:146 Resp: 709300

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.7	76.1
111	45.3	36.6	54.8

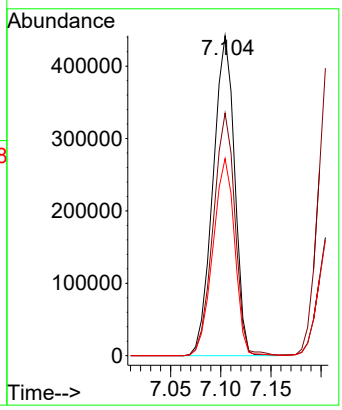




#15
Benzyl Alcohol
Concen: 75.139 ng
RT: 7.104 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 79 Resp: 66184

Ion	Ratio	Lower	Upper
79	100		
108	75.8	61.1	91.7
77	61.6	48.9	73.3



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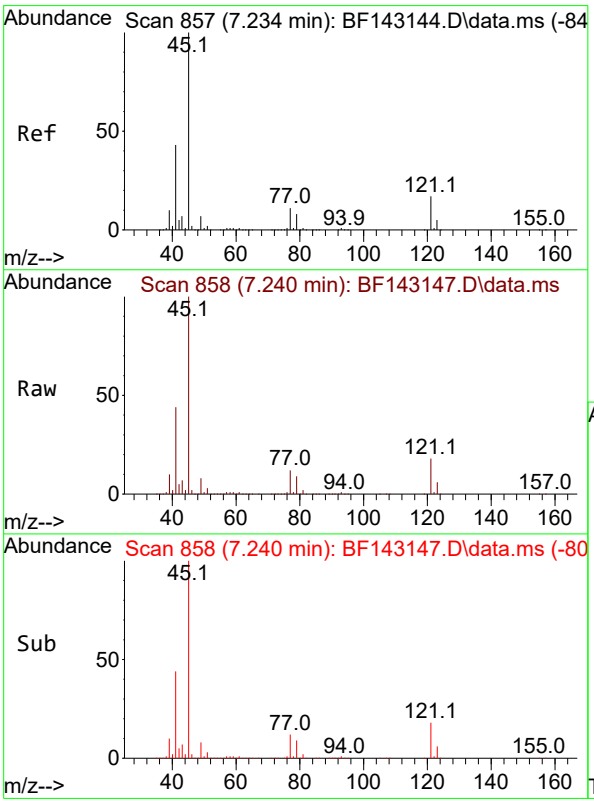
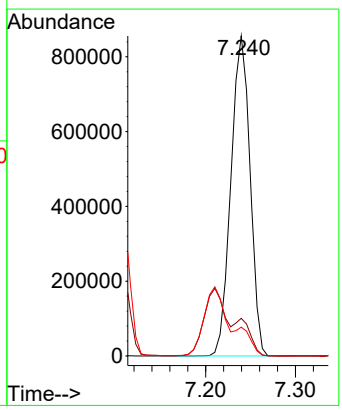
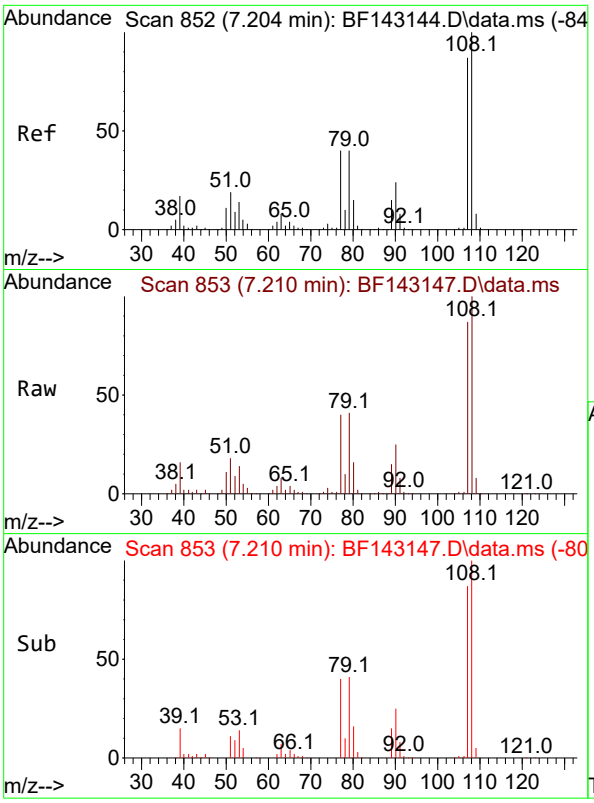


#16
2,2'-oxybis(1-Chloropropane)
Concen: 70.902 ng
RT: 7.240 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 45 Resp: 1265589

Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	31.2
79	9.0	0.0	28.5

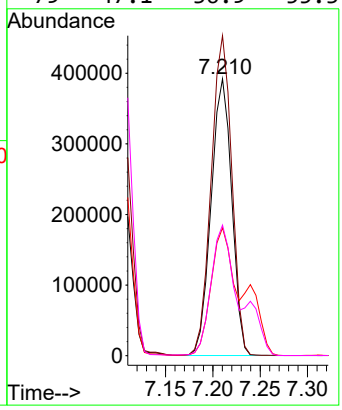




#17
2-Methylphenol
Concen: 73.719 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:107 Resp: 59547

Ion	Ratio	Lower	Upper
107	100		
108	115.6	91.8	137.6
77	46.2	37.0	55.6
79	47.1	36.9	55.3



Instrument :
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ClientSampleId :
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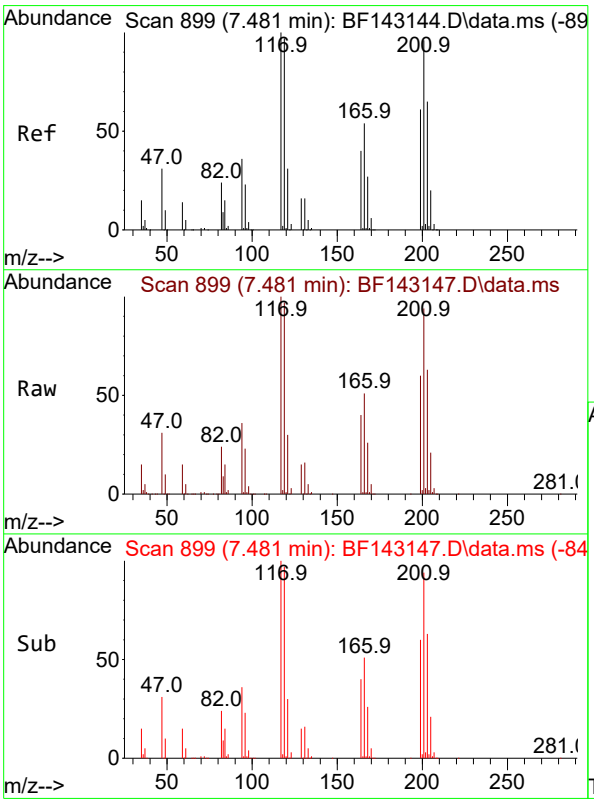
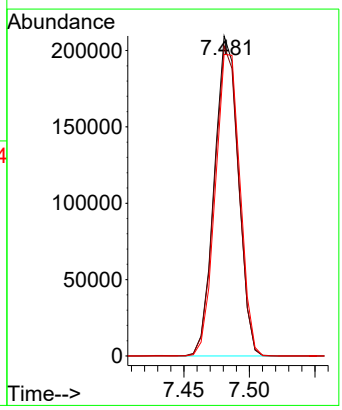
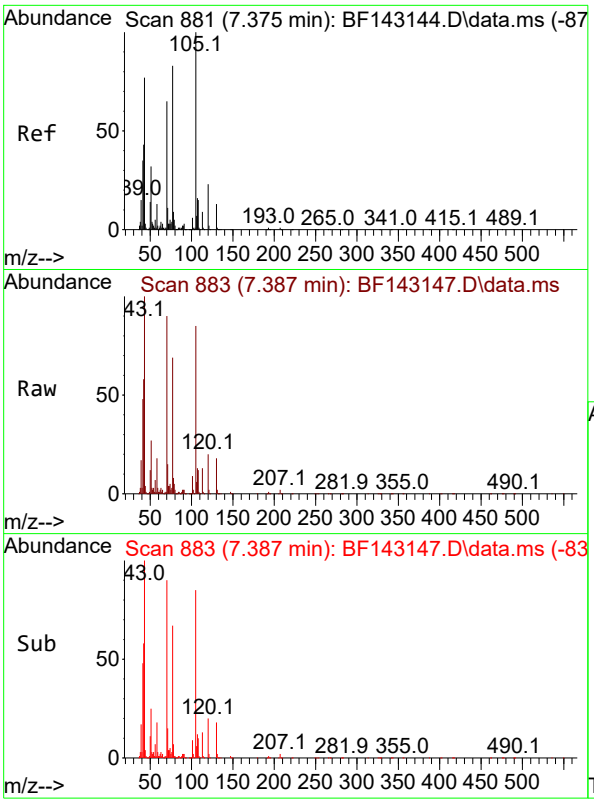


#18
Hexachloroethane
Concen: 73.293 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:117 Resp: 266665

Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.8	116.8
201	94.3	77.0	115.4

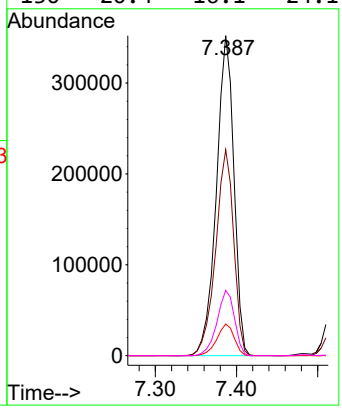




#19
n-Nitroso-di-n-propylamine
Concen: 71.452 ng
RT: 7.387 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 70 Resp: 52882

Ion	Ratio	Lower	Upper
70	100		
42	64.4	52.5	78.7
101	9.9	7.6	11.4
130	20.4	16.1	24.1



Instrument :
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ClientSampleId :
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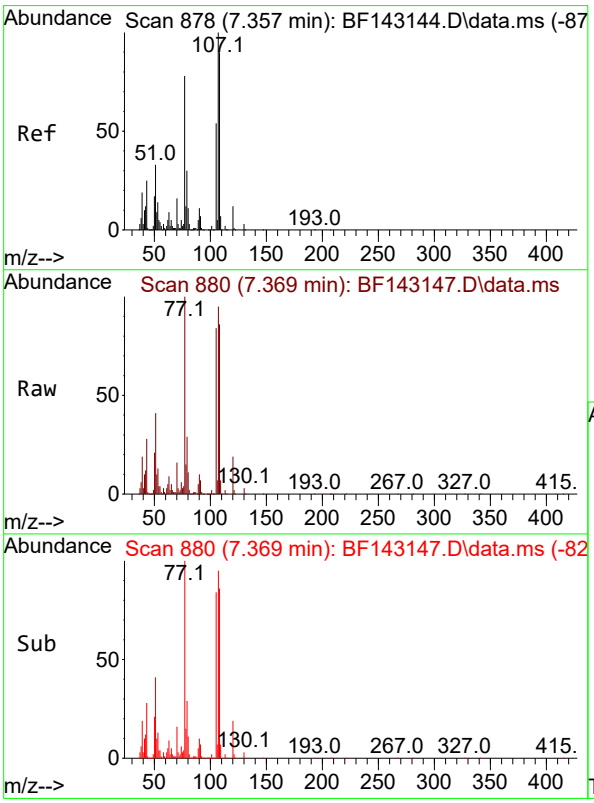
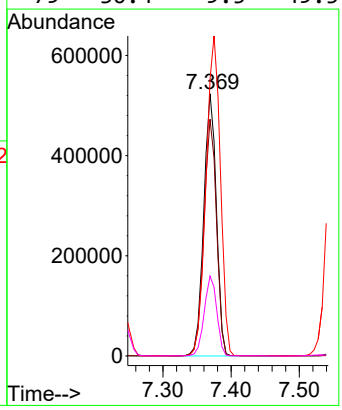
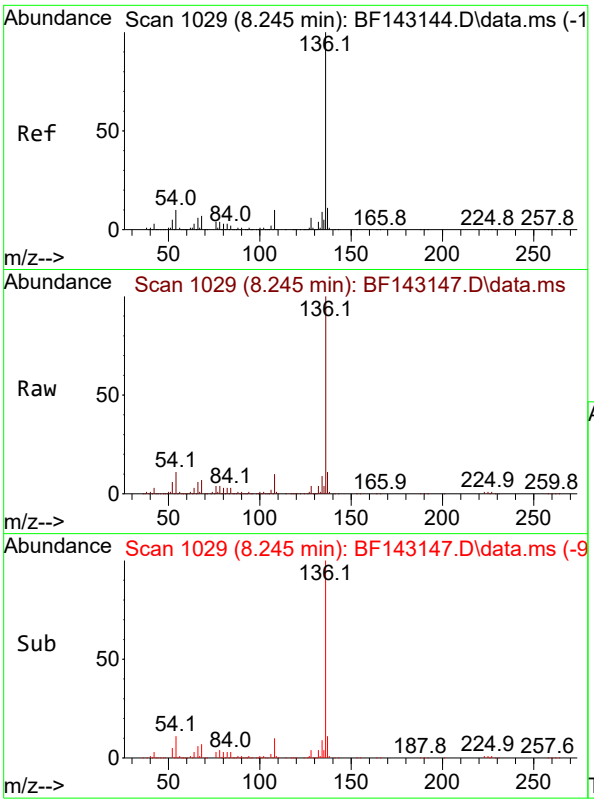


#20
3+4-Methylphenols
Concen: 68.763 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:107 Resp: 673906

Ion	Ratio	Lower	Upper
107	100		
108	90.3	70.0	110.0
77	105.4	57.8	97.8#
79	30.4	9.5	49.5

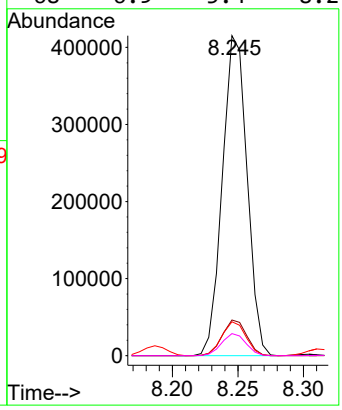




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:136 Resp: 54451

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.6	8.2	12.2
68	6.9	5.4	8.2



Instrument :
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ClientSampleId :
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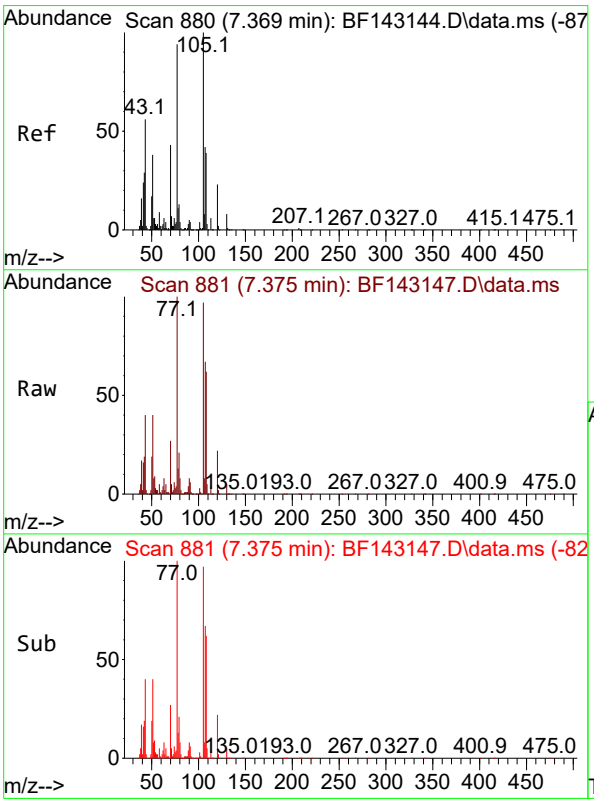
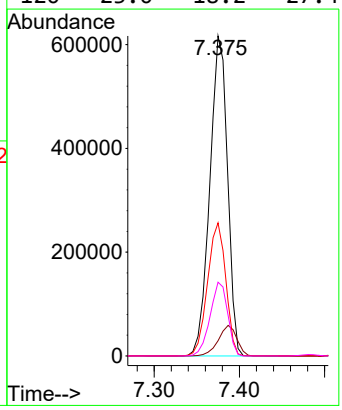
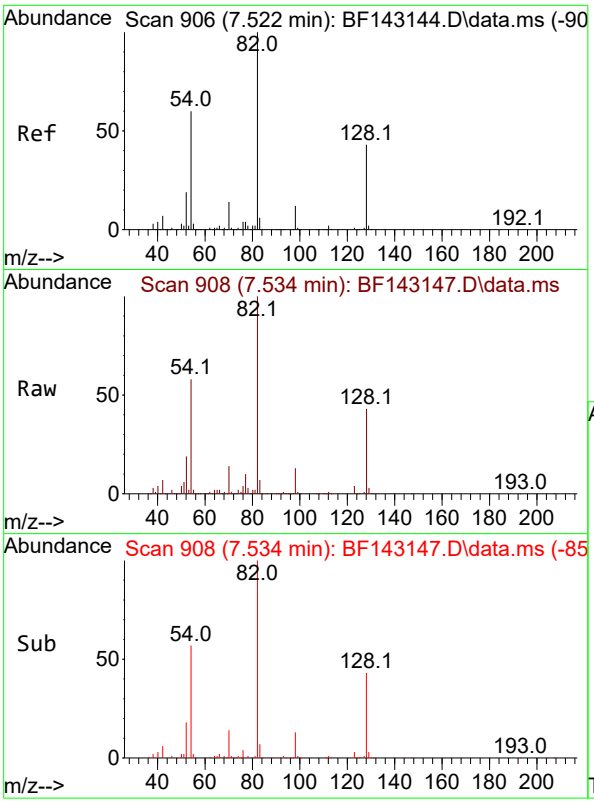


#22
Acetophenone
Concen: 69.107 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:105 Resp: 890890

Ion	Ratio	Lower	Upper
105	100		
71	4.8	5.8	8.6#
51	41.6	30.2	45.2
120	23.0	18.2	27.4





#23
Nitrobenzene-d5
Concen: 150.551 ng
RT: 7.534 min Scan# 9
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 82 Resp: 164458

Ion	Ratio	Lower	Upper
82	100		
128	43.4	33.6	50.4
54	57.5	47.1	70.7

Instrument :
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ClientSampleId :
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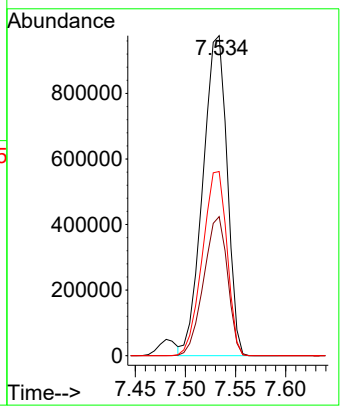
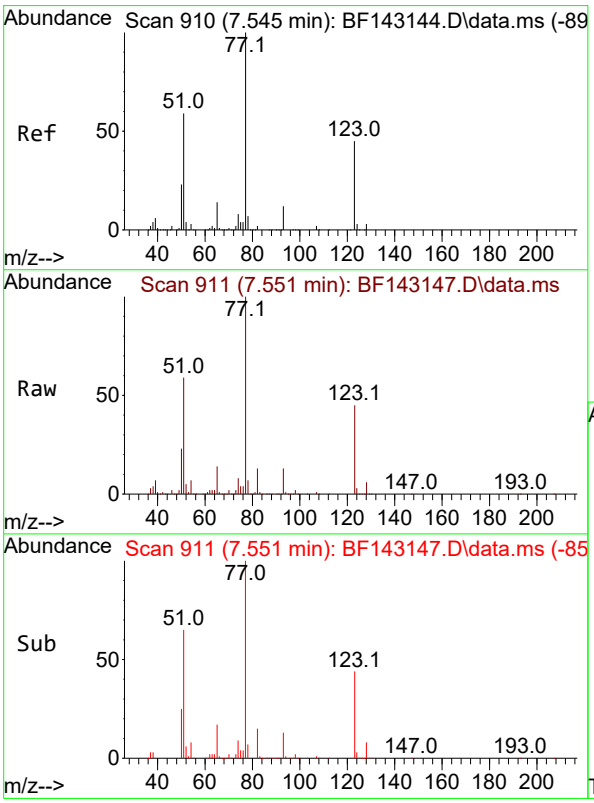
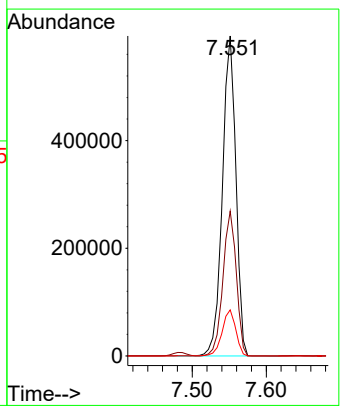


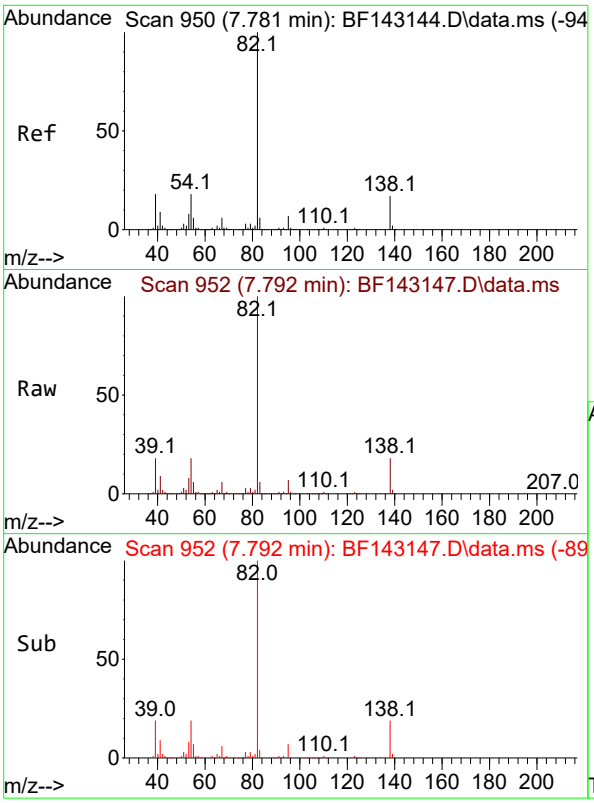


#24
Nitrobenzene
Concen: 73.836 ng
RT: 7.551 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 77 Resp: 751964

Ion	Ratio	Lower	Upper
77	100		
123	45.2	36.1	54.1
65	14.4	11.4	17.2

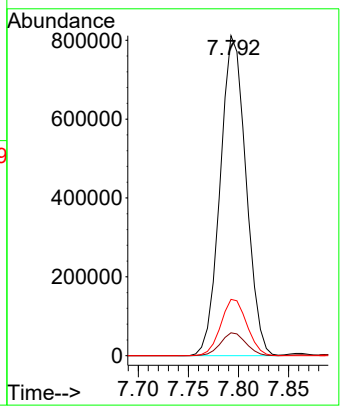




#25
Isophorone
Concen: 75.366 ng
RT: 7.792 min Scan# 9
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 82 Resp: 145335

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.5	8.3
138	17.6	13.8	20.8



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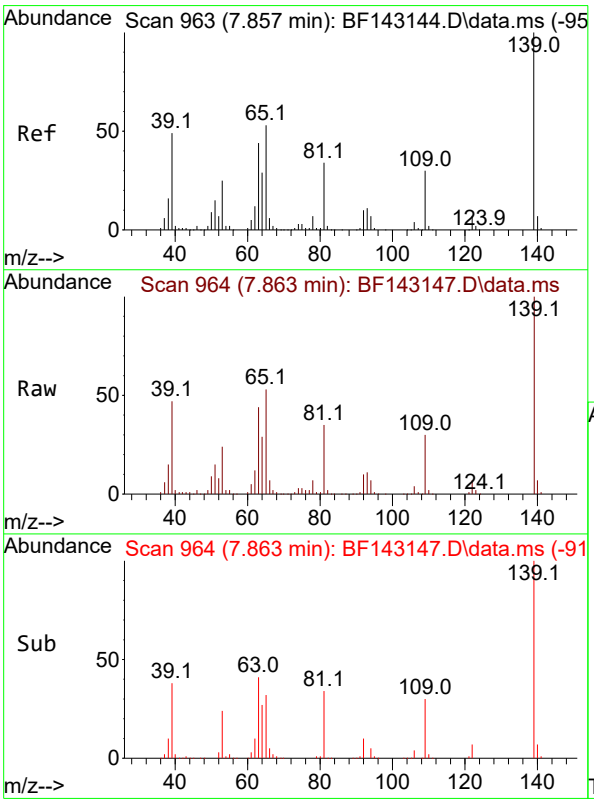
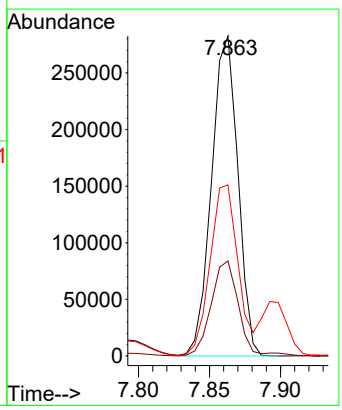
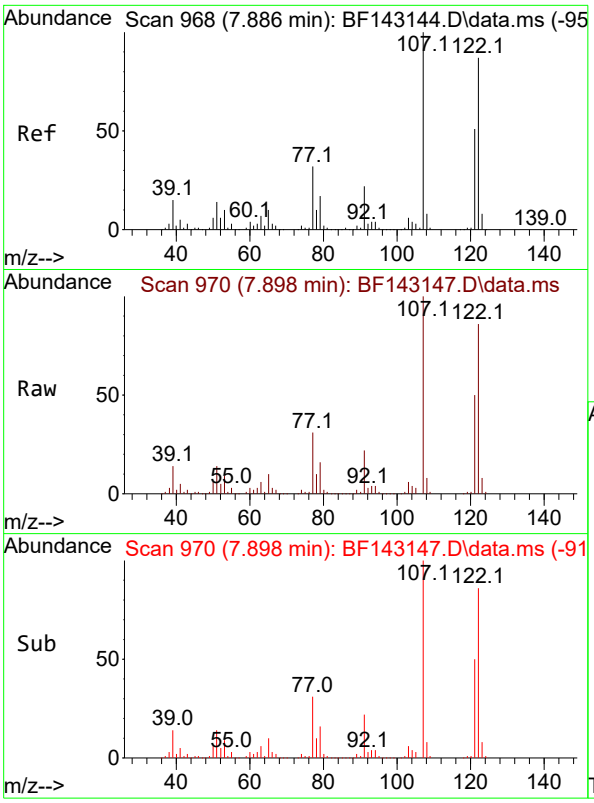


#26
2-Nitrophenol
Concen: 82.568 ng
RT: 7.863 min Scan# 964
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:139 Resp: 364951

Ion	Ratio	Lower	Upper
139	100		
109	29.7	23.6	35.4
65	53.4	42.6	64.0

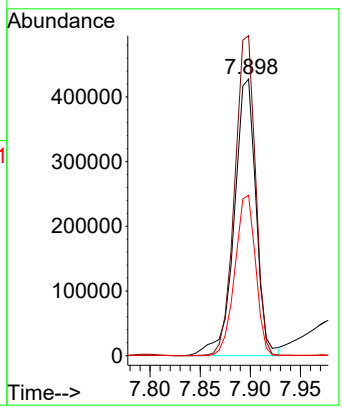




#27
2,4-Dimethylphenol
Concen: 72.050 ng
RT: 7.898 min Scan# 9
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:122 Resp: 64914

Ion	Ratio	Lower	Upper
122	100		
107	115.7	91.8	137.6
121	58.0	46.3	69.5



Instrument :
BNA_F
ClientSampleId :
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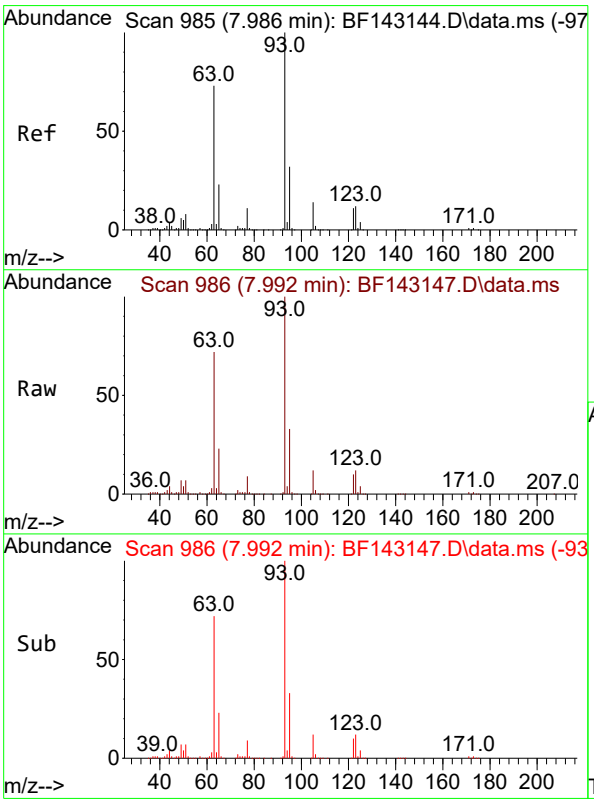
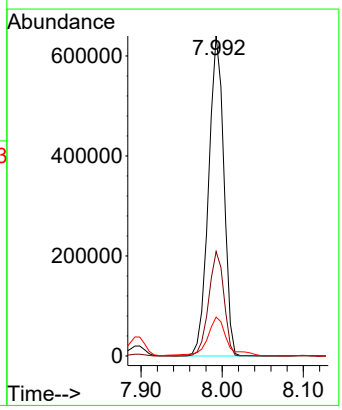
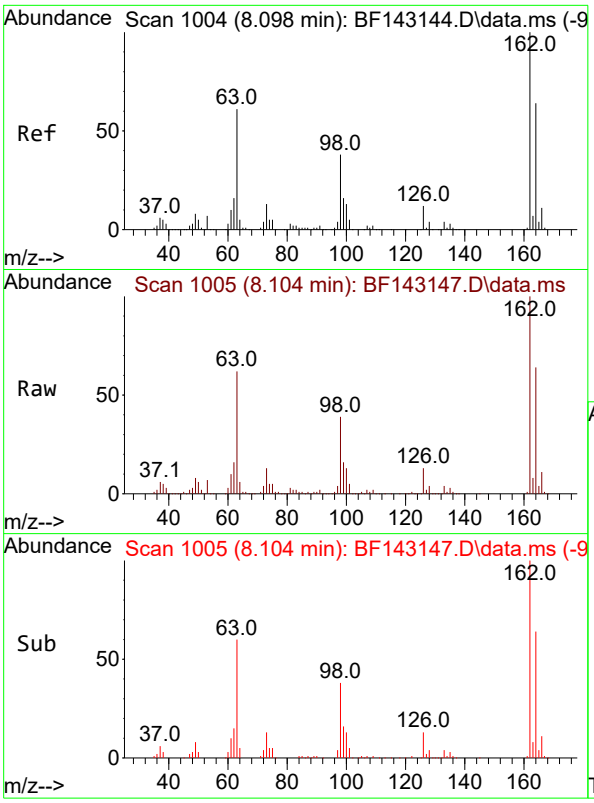


#28
bis(2-Chloroethoxy)methane
Concen: 72.134 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 93 Resp: 834021

Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.8	38.6
123	12.2	9.7	14.5

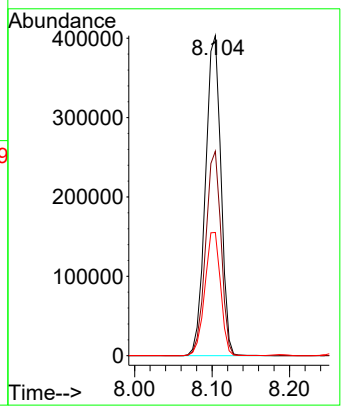




#29
2,4-Dichlorophenol
Concen: 73.527 ng
RT: 8.104 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:162 Resp: 55866

Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.2	84.2
98	38.5	17.9	57.9



Instrument :
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ClientSampleId :
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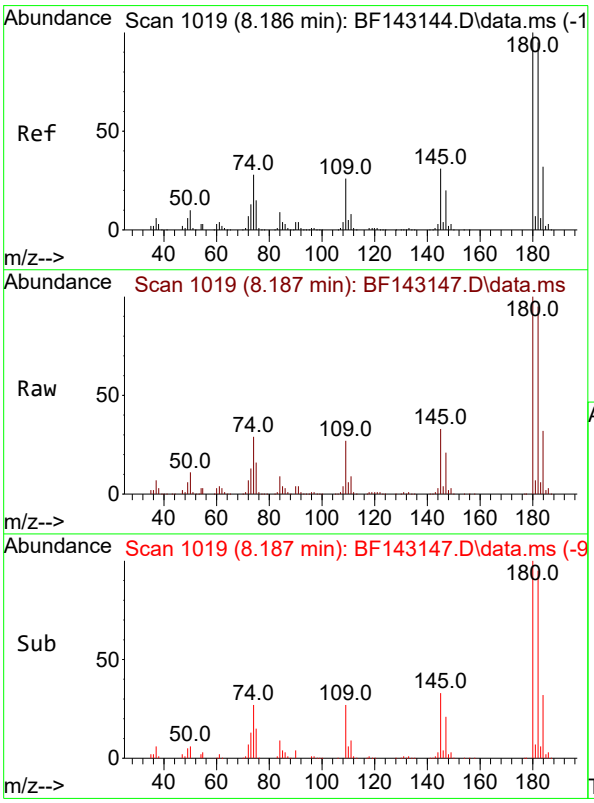
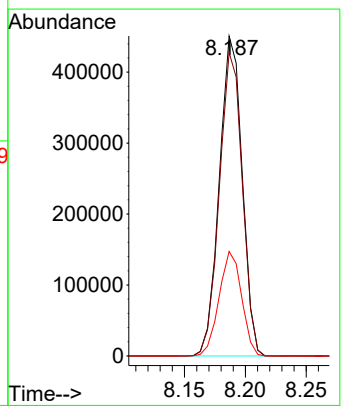
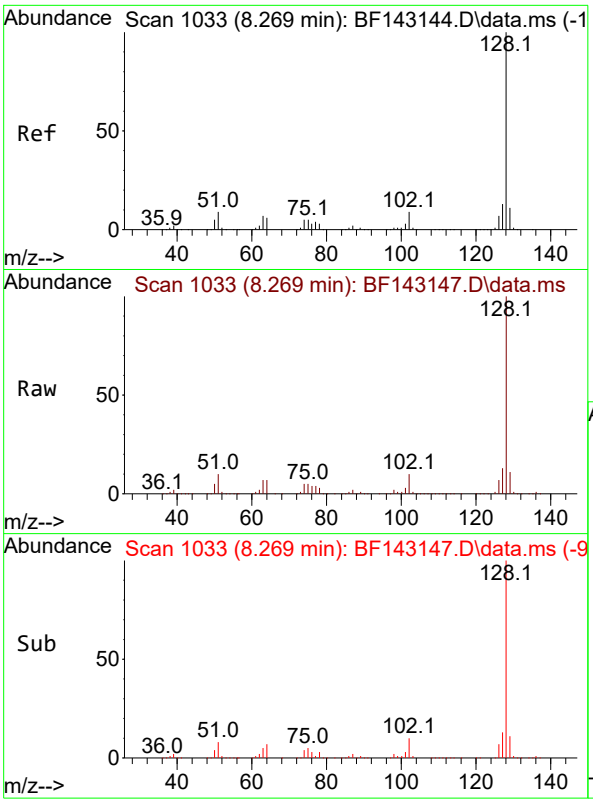


#30
1,2,4-Trichlorobenzene
Concen: 71.673 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:180 Resp: 588333

Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.2	114.2
145	32.7	25.0	37.6

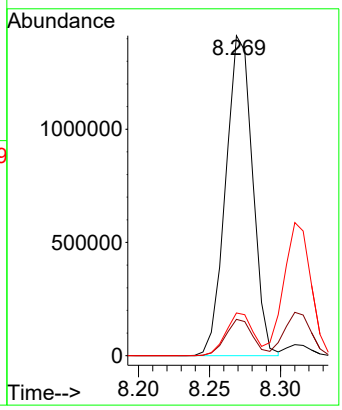




#31
Naphthalene
Concen: 69.150 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:128 Resp: 185438

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.3	10.6	16.0



Instrument :
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ClientSampleId :
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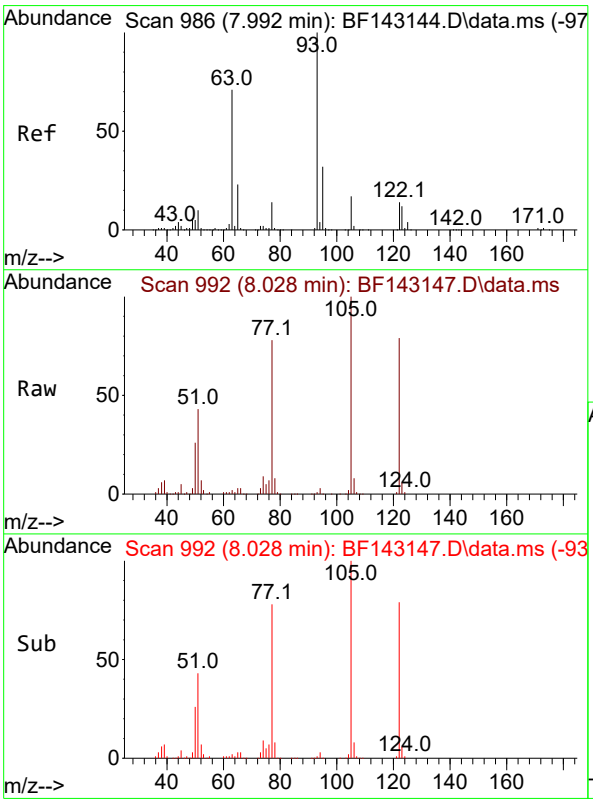
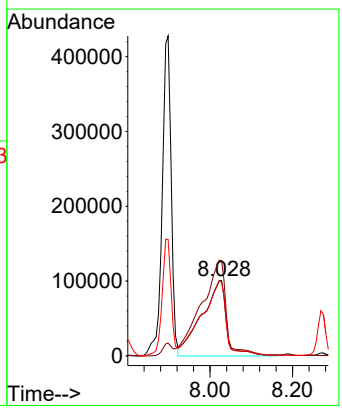
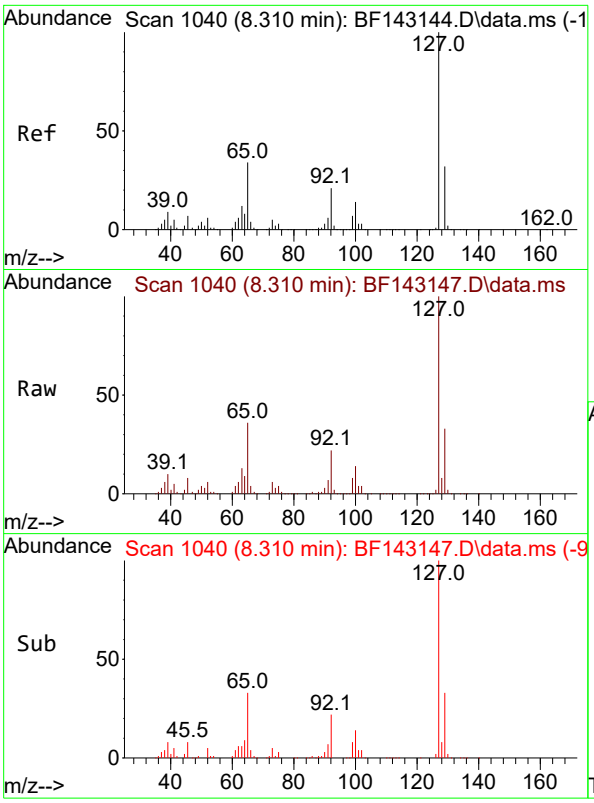


#32
Benzoic acid
Concen: 79.801 ng m
RT: 8.028 min Scan# 992
Delta R.T. 0.036 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:122 Resp: 423625

Ion	Ratio	Lower	Upper
122	100		
105	126.7	104.8	144.8
77	98.6	77.6	117.6

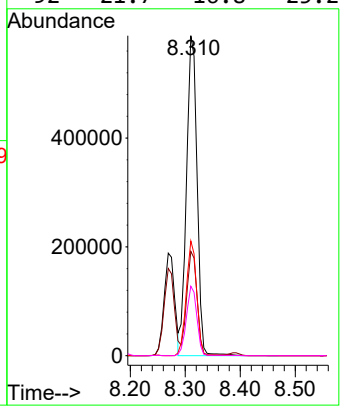




#33
4-Chloroaniline
Concen: 71.895 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:127 Resp: 78724

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	35.9	27.4	41.2
92	21.7	16.8	25.2



Instrument :
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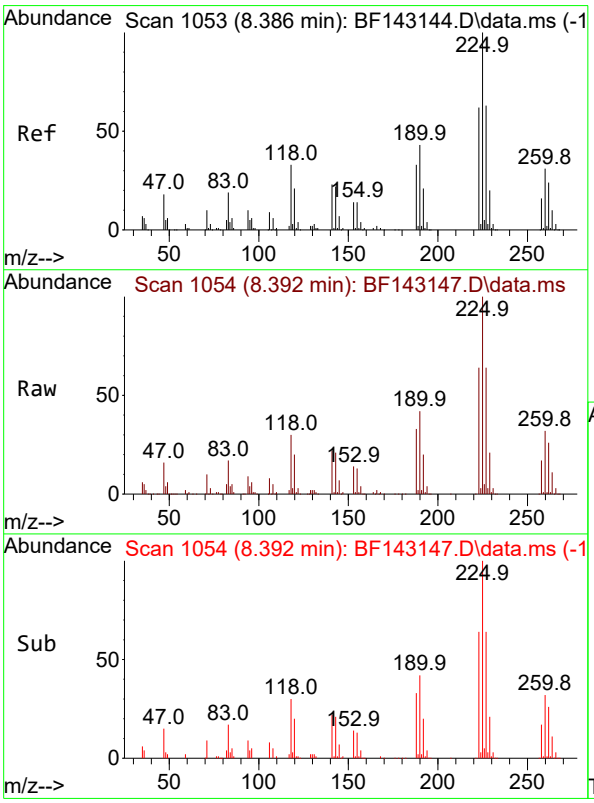
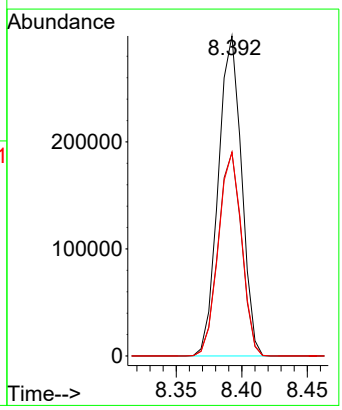
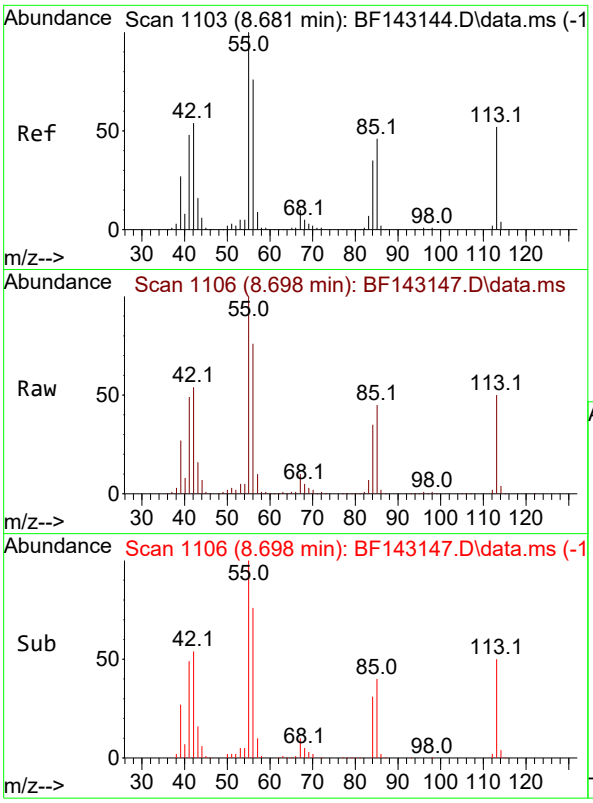


#34
Hexachlorobutadiene
Concen: 73.453 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:225 Resp: 368327

Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.8	74.6
227	63.7	50.2	75.4

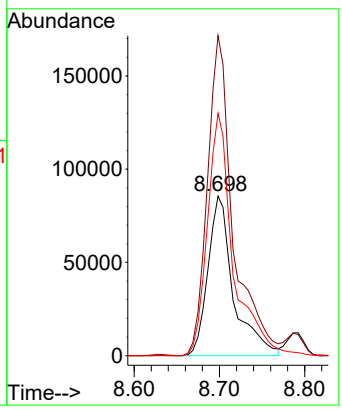




#35
Caprolactam
Concen: 77.644 ng
RT: 8.698 min Scan# 1
Delta R.T. 0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:113 Resp: 17827

Ion	Ratio	Lower	Upper
113	100		
55	200.6	174.0	214.0
56	152.0	126.6	166.6



Instrument :
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ClientSampleId :
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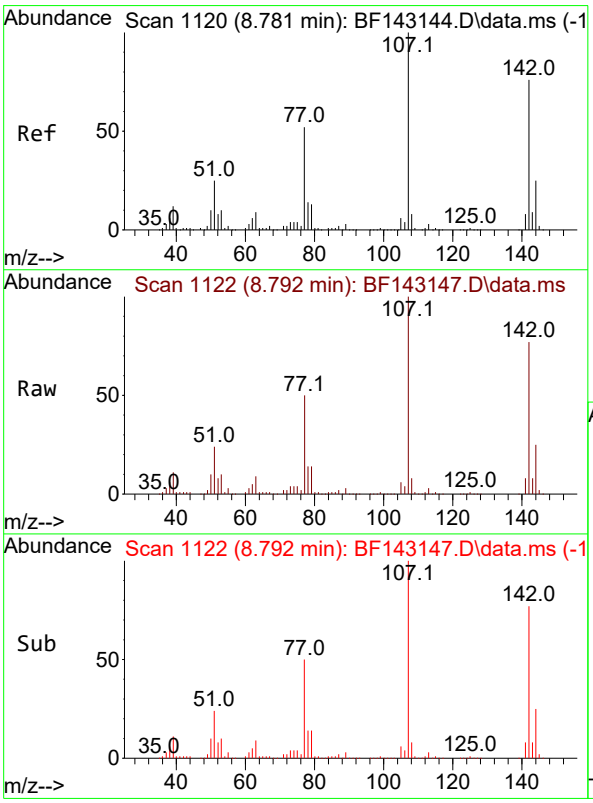
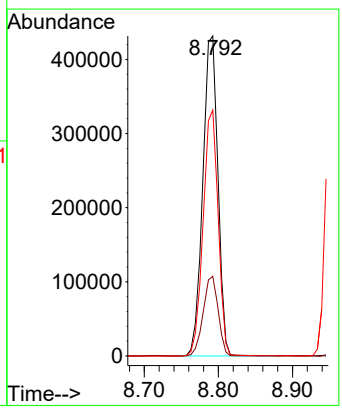
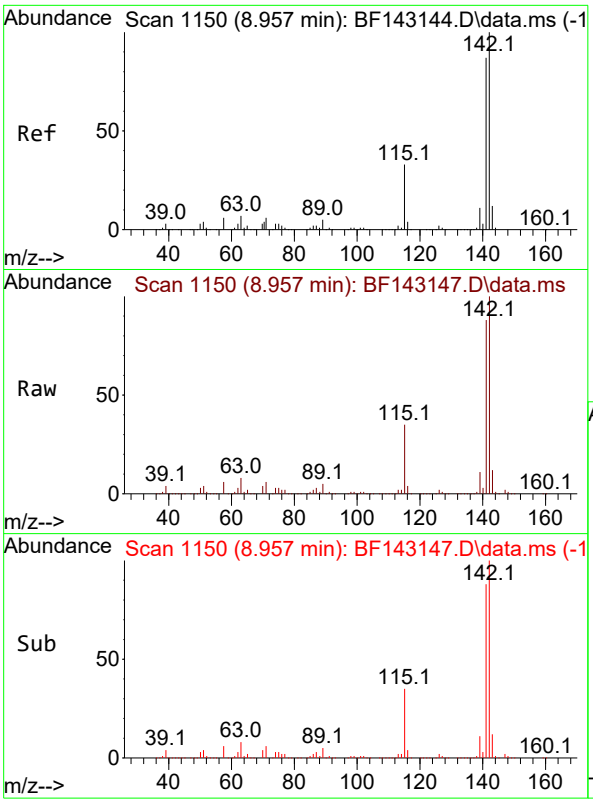


#36
4-Chloro-3-methylphenol
Concen: 74.354 ng
RT: 8.792 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:107 Resp: 614048

Ion	Ratio	Lower	Upper
107	100		
144	24.9	19.8	29.6
142	76.9	60.6	90.8





#37
2-Methylnaphthalene
Concen: 69.687 ng
RT: 8.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:142 Resp: 113717

Ion	Ratio	Lower	Upper
142	100		
141	87.7	69.9	104.9

Instrument :
BNA_F
ClientSampleId :
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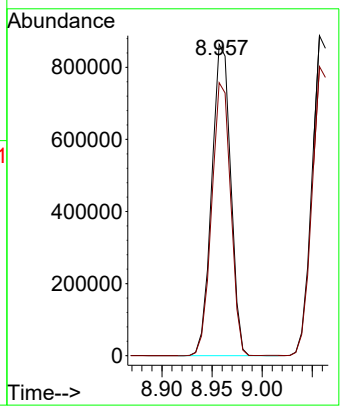
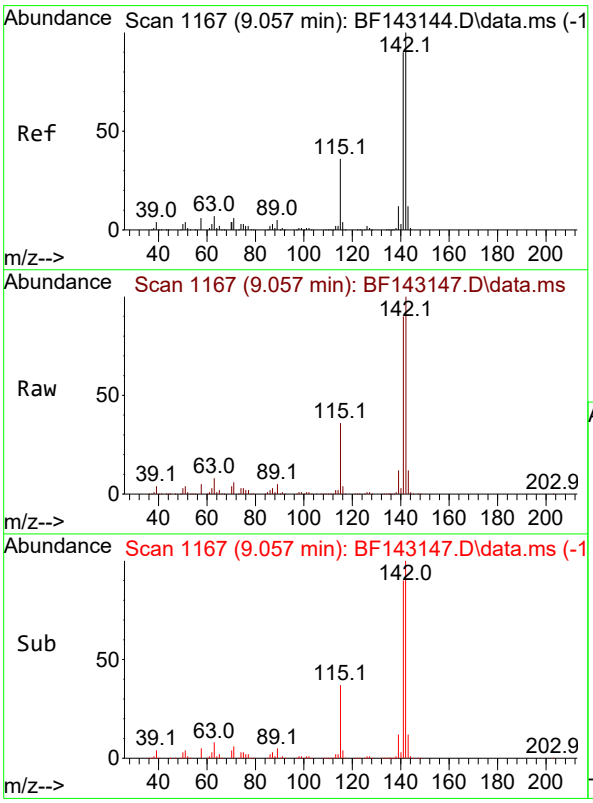
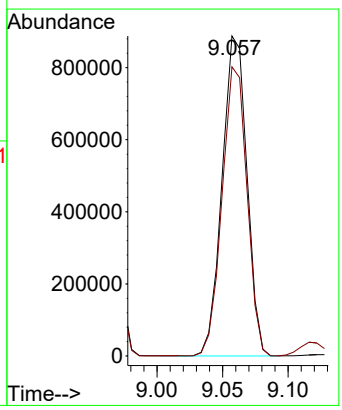


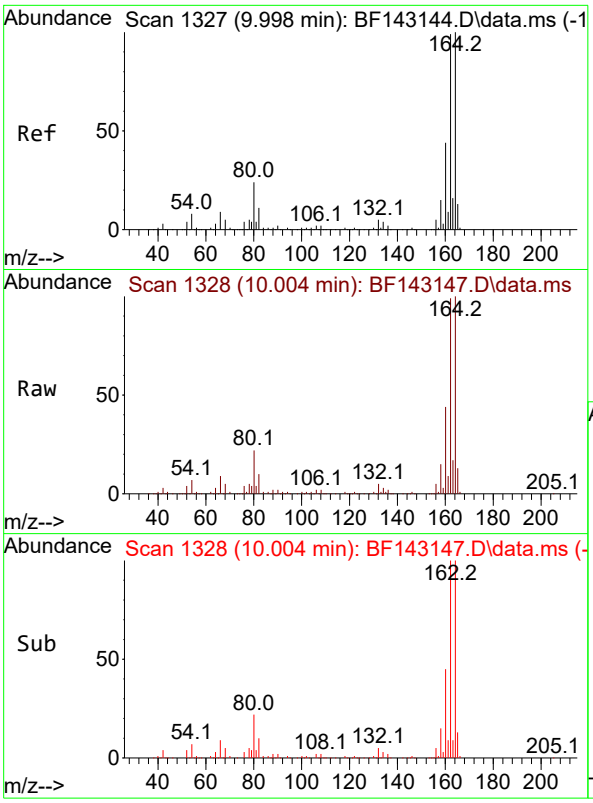


#38
1-Methylnaphthalene
Concen: 69.550 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:142 Resp: 1168702

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.3	108.5

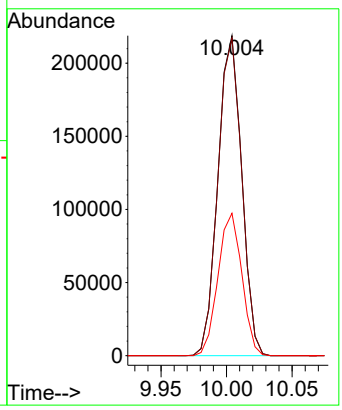




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:164 Resp: 27561

Ion	Ratio	Lower	Upper
164	100		
162	99.2	79.0	118.6
160	44.5	35.1	52.7



Instrument :
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ClientSampleId :
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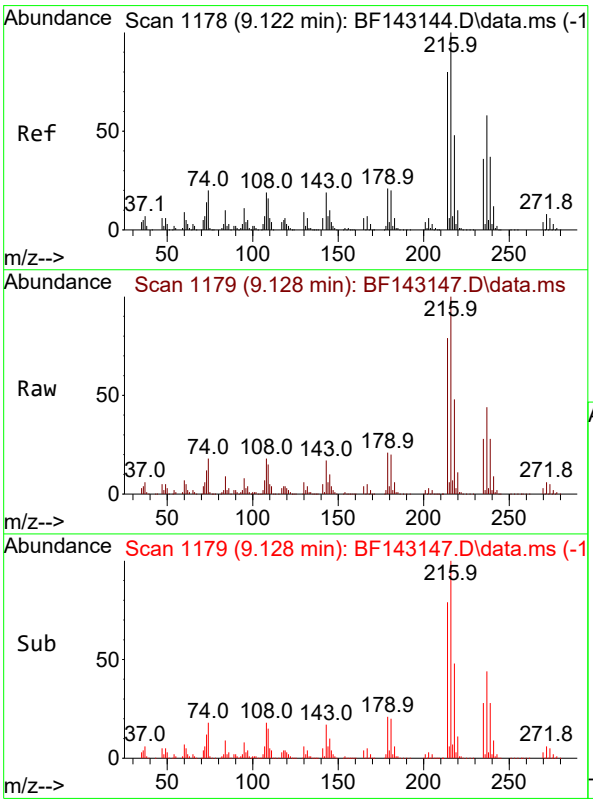
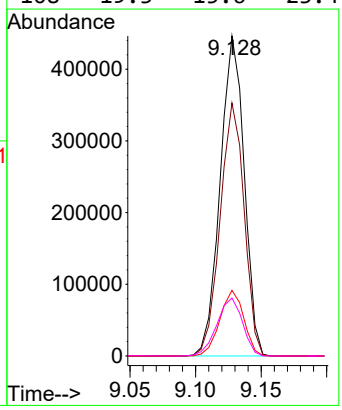
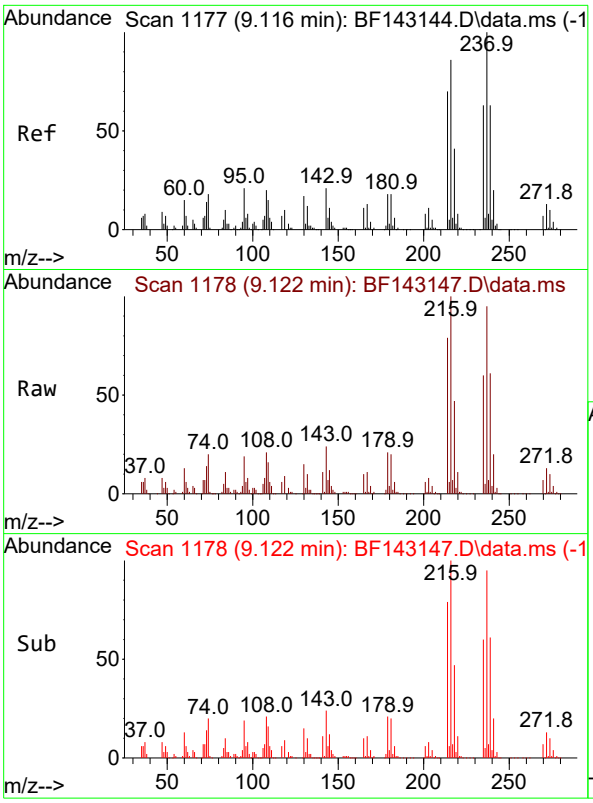


#40
1,2,4,5-Tetrachlorobenzene
Concen: 71.389 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:216 Resp: 568070

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.8	95.8
179	20.4	16.4	24.6
108	19.3	15.6	23.4

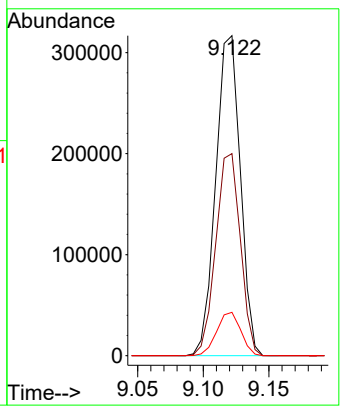




#41
Hexachlorocyclopentadiene
Concen: 79.719 ng
RT: 9.122 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:237 Resp: 41275

Ion	Ratio	Lower	Upper
237	100		
235	63.2	43.0	83.0
272	13.6	0.0	33.3



Instrument :
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ClientSampleId :
SSTDICC080

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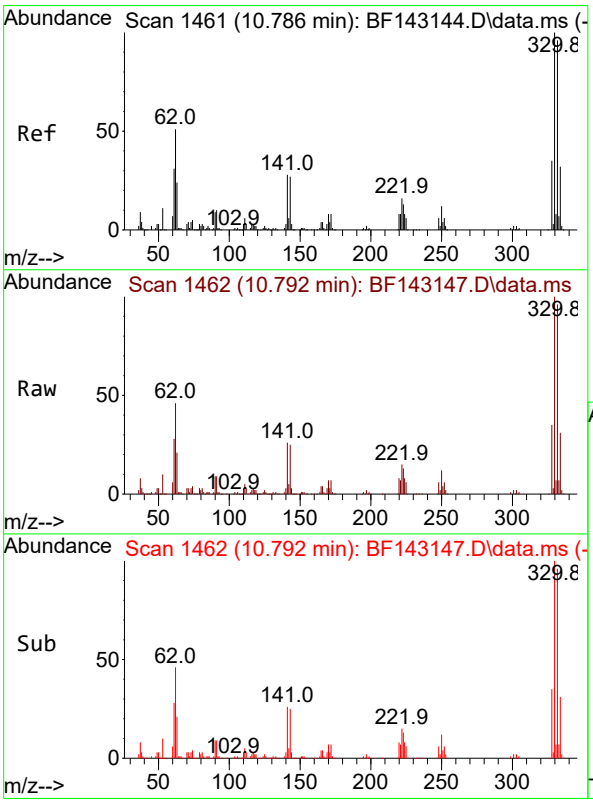
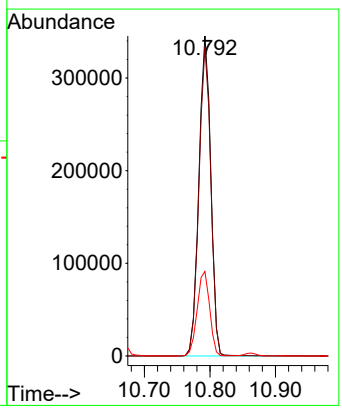
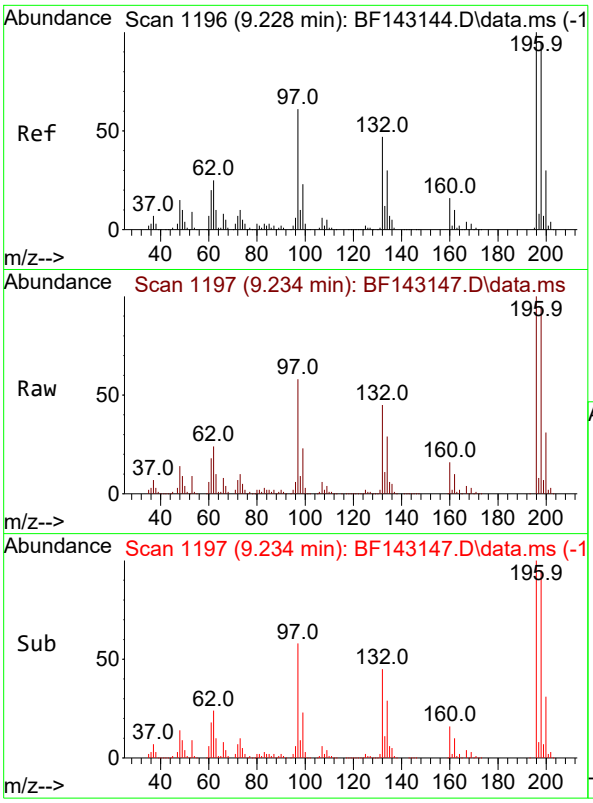


#42
2,4,6-Tribromophenol
Concen: 153.498 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:330 Resp: 437054

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.7	115.1
141	27.7	23.3	34.9

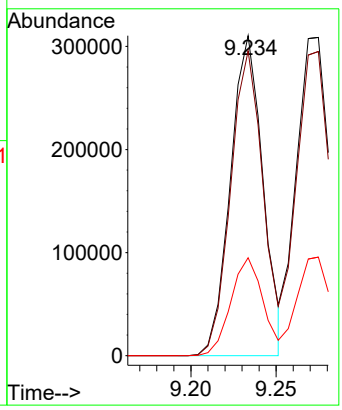




#43
2,4,6-Trichlorophenol
Concen: 74.838 ng
RT: 9.234 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:196 Resp: 41214

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
200	30.6	23.9	35.9



Instrument :
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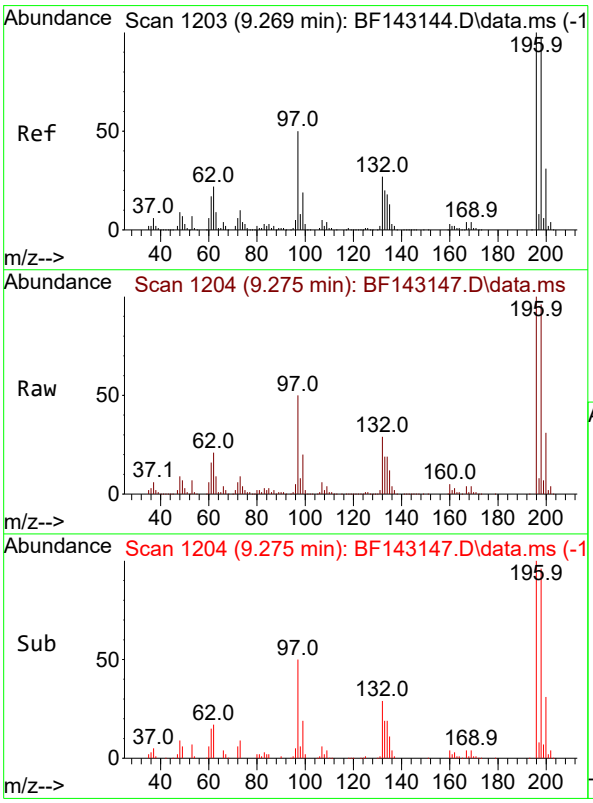
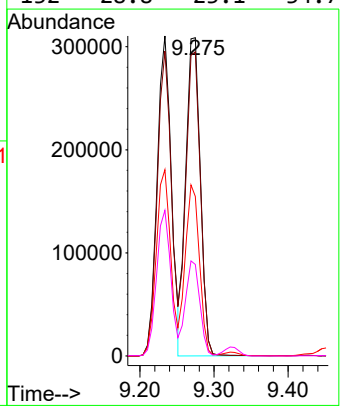
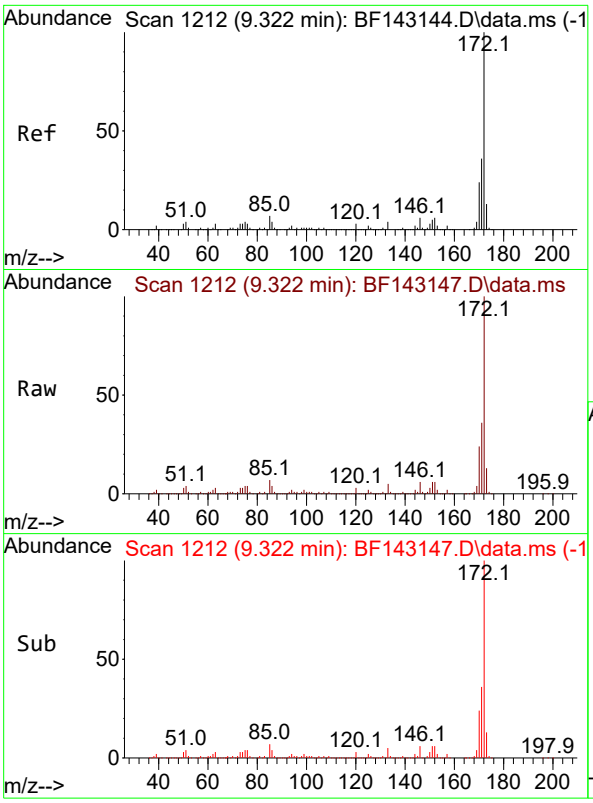


#44
2,4,5-Trichlorophenol
Concen: 76.888 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:196 Resp: 423565

Ion	Ratio	Lower	Upper
196	100		
198	95.6	77.3	115.9
97	50.1	40.3	60.5
132	28.8	23.1	34.7

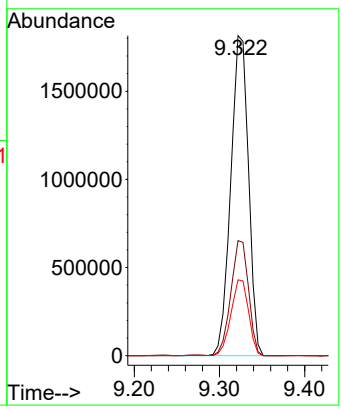




#45
2-Fluorobiphenyl
Concen: 130.157 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:172 Resp: 262307

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	23.7	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
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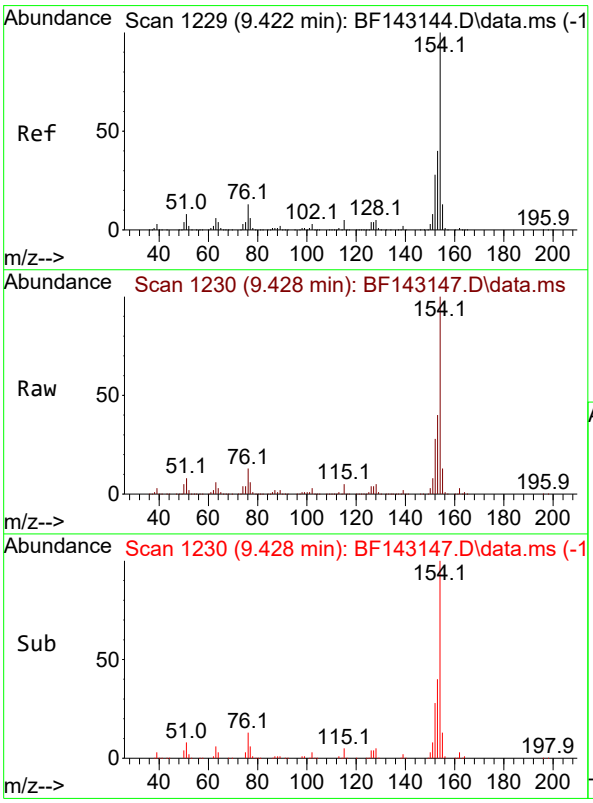
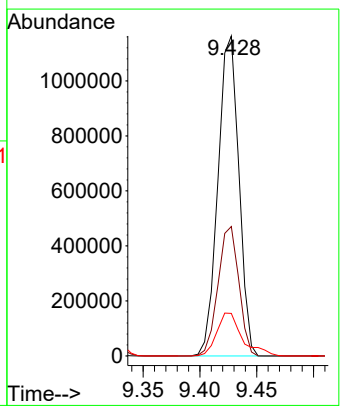
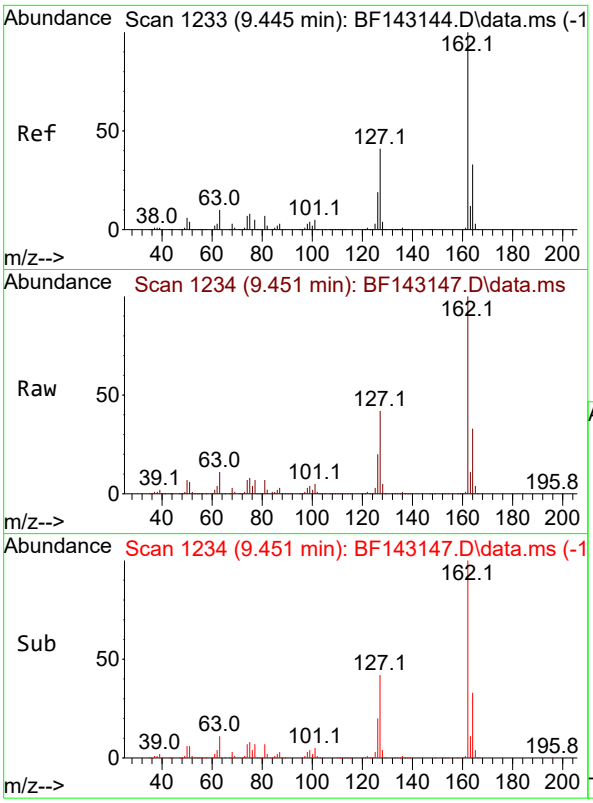


#46
1,1'-Biphenyl
Concen: 69.388 ng
RT: 9.428 min Scan# 1230
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:154 Resp: 1492094

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	13.3	0.0	33.3

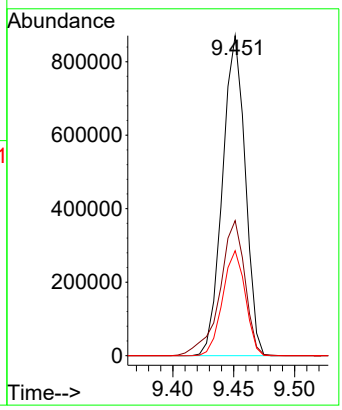




#47
2-Chloronaphthalene
Concen: 71.122 ng
RT: 9.451 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:162 Resp: 113162

Ion	Ratio	Lower	Upper
162	100		
127	42.2	33.4	50.2
164	32.8	26.2	39.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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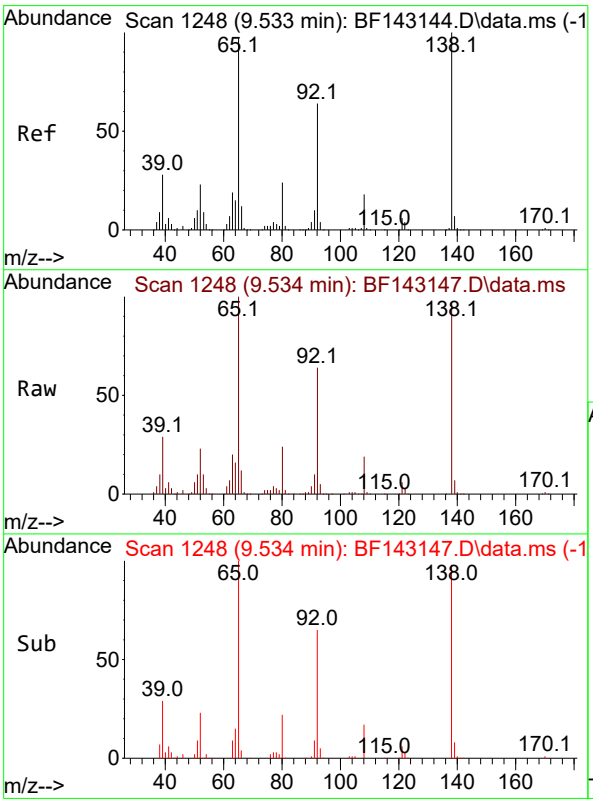
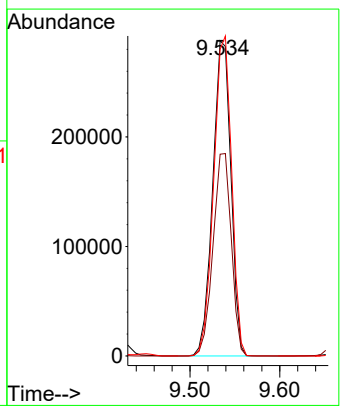
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

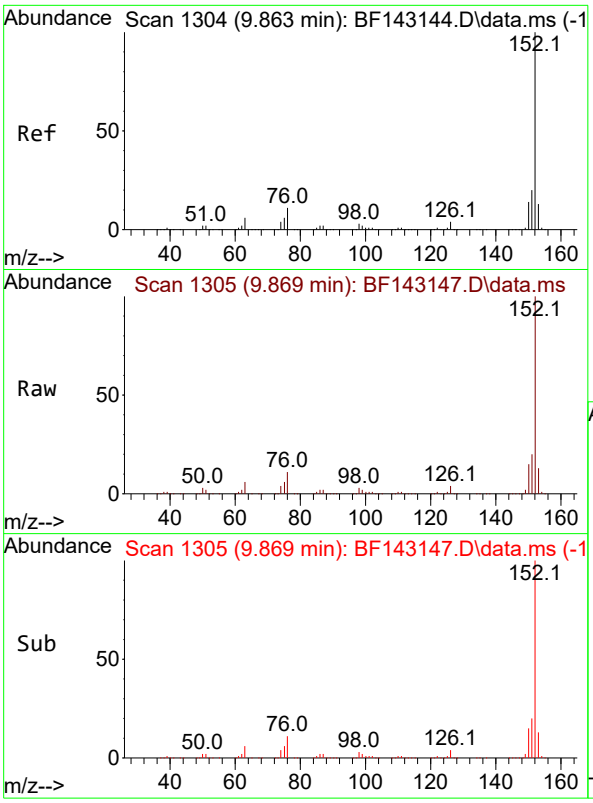


#48
2-Nitroaniline
Concen: 80.971 ng
RT: 9.534 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 65 Resp: 404023

Ion	Ratio	Lower	Upper
65	100		
92	64.0	52.4	78.6
138	97.3	82.3	123.5

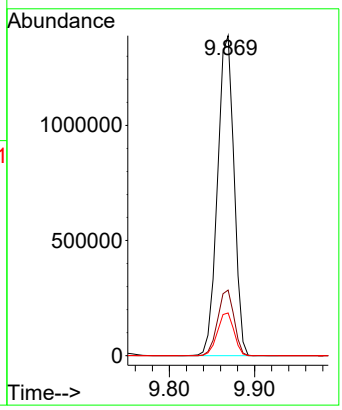




#49
Acenaphthylene
Concen: 70.057 ng
RT: 9.869 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:152 Resp: 186806

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.2
153	13.4	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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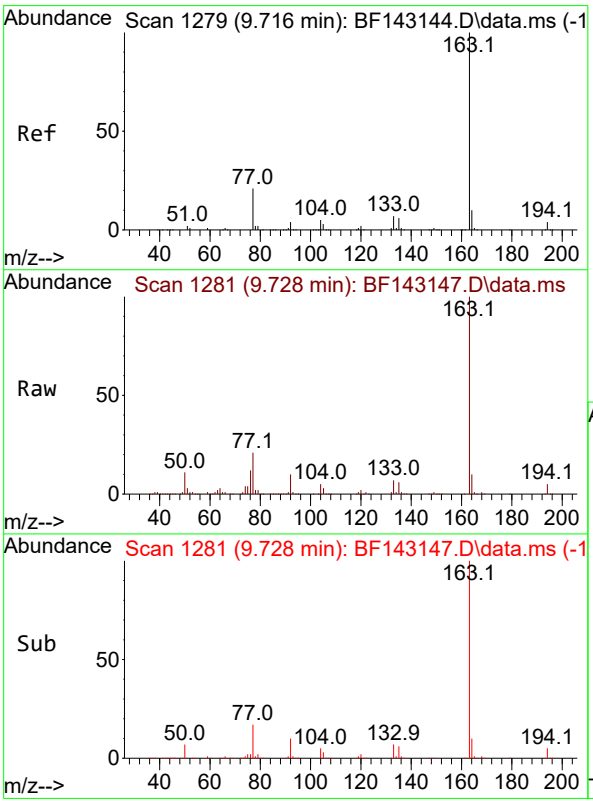
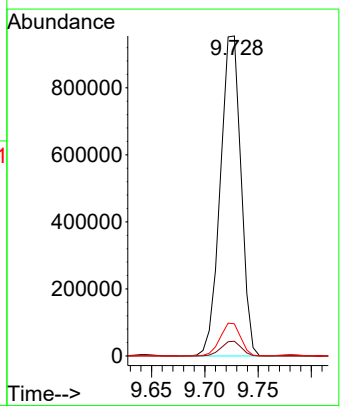
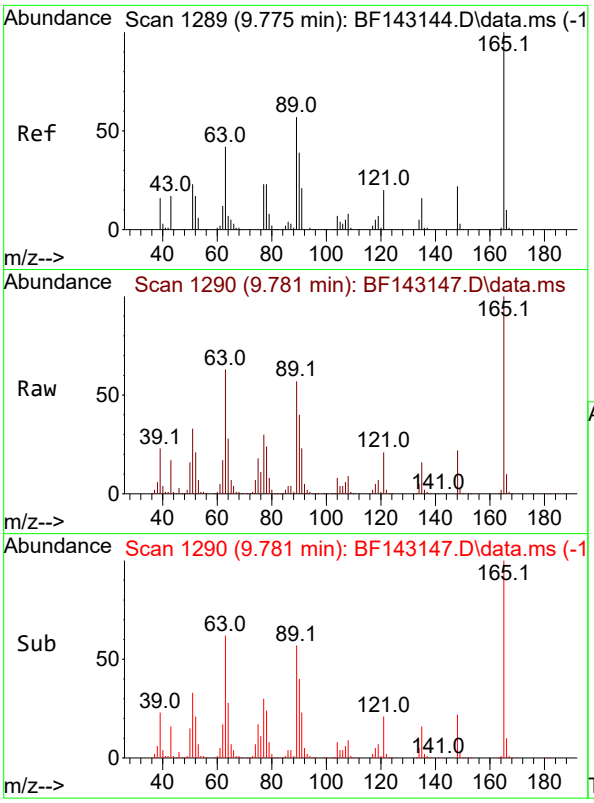


#50
Dimethylphthalate
Concen: 71.723 ng
RT: 9.728 min Scan# 1281
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:163 Resp: 1288559

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.0	8.3	12.5

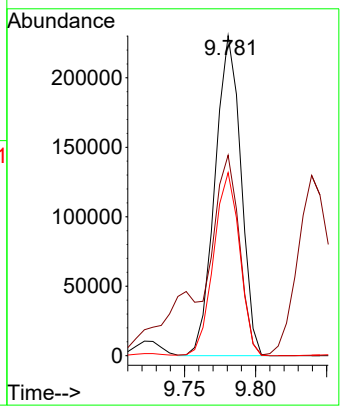




#51
2,6-Dinitrotoluene
Concen: 80.093 ng
RT: 9.781 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:165 Resp: 29271

Ion	Ratio	Lower	Upper
165	100		
63	62.6	49.4	74.2
89	57.2	46.2	69.2



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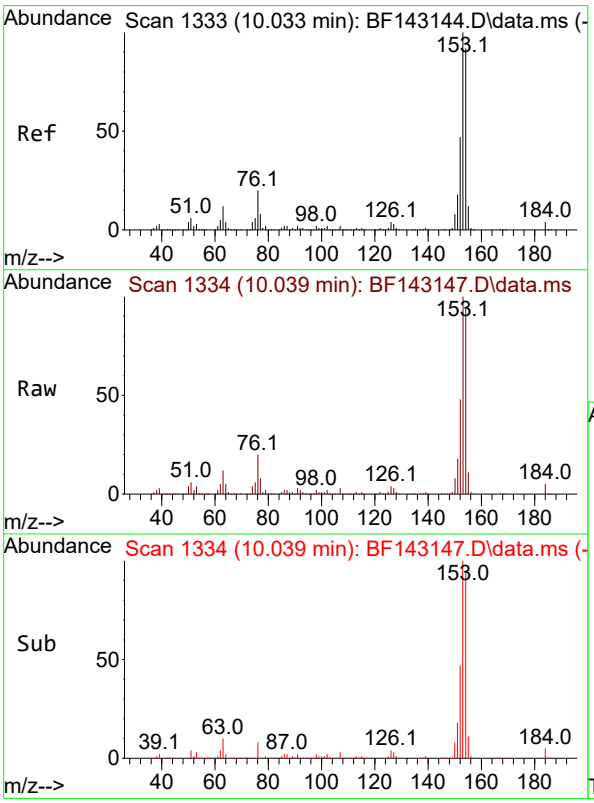
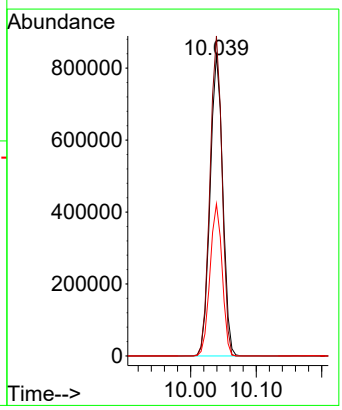
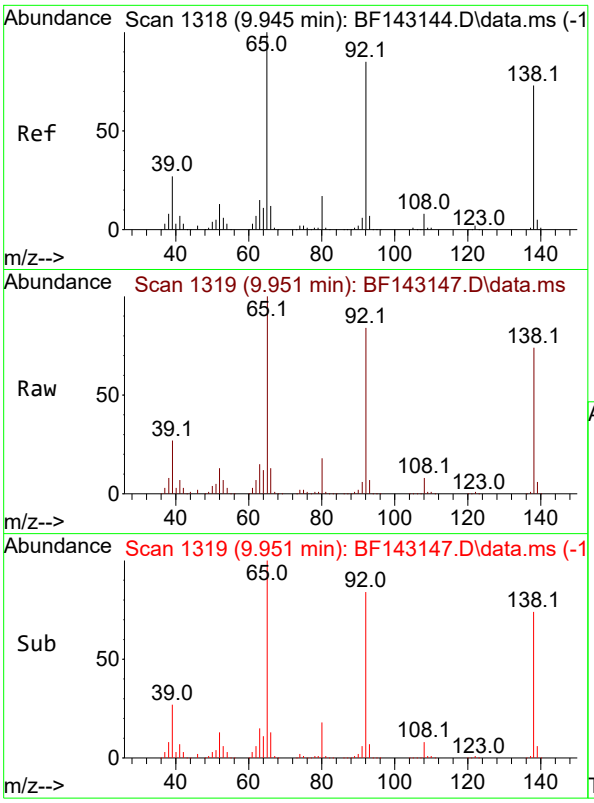


#52
Acenaphthene
Concen: 71.086 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:154 Resp: 1120315

Ion	Ratio	Lower	Upper
154	100		
153	106.1	86.6	129.8
152	50.4	40.4	60.6

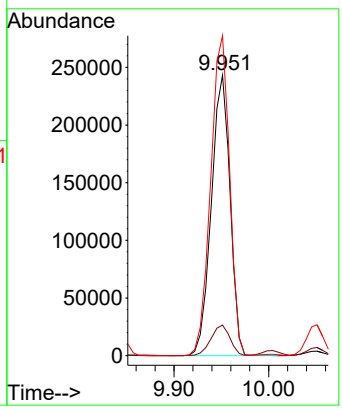




#53
3-Nitroaniline
Concen: 78.128 ng
RT: 9.951 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:138 Resp: 33398

Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.0	13.6
92	114.1	93.0	139.4



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ClientSampleId :
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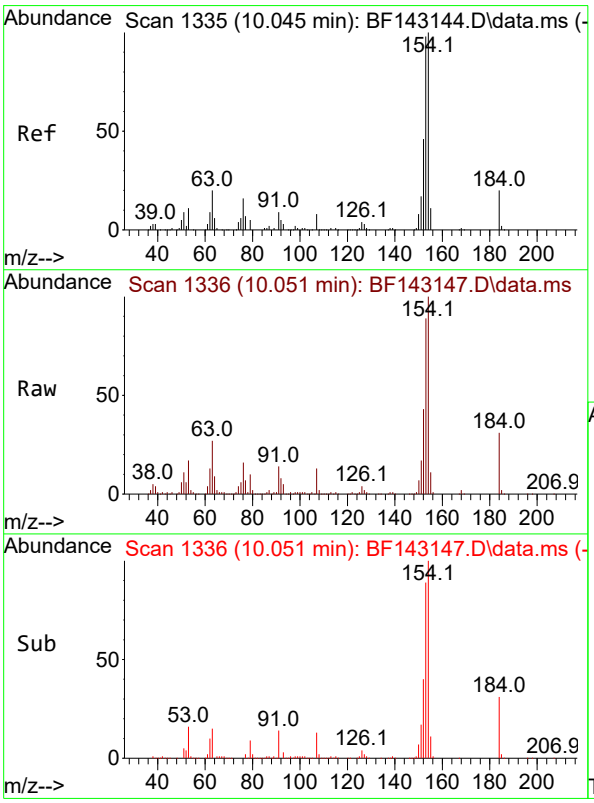
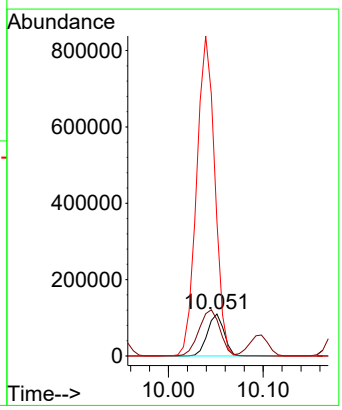
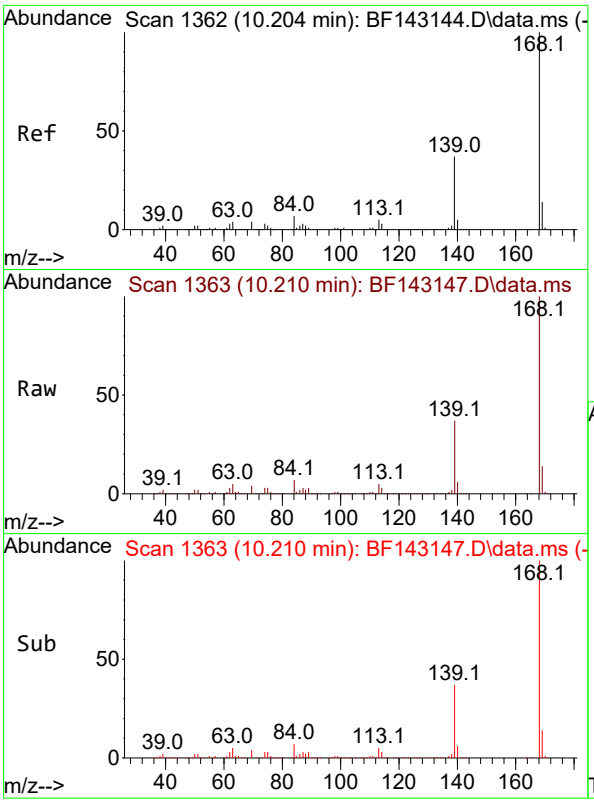


#54
2,4-Dinitrophenol
Concen: 80.516 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:184 Resp: 133446

Ion	Ratio	Lower	Upper
184	100		
63	86.6	81.8	122.6
154	321.6	412.2	618.4#

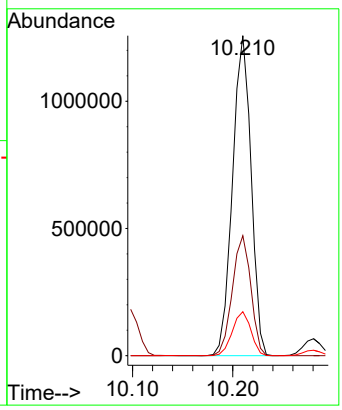




#55
Dibenzofuran
Concen: 69.038 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:168 Resp: 161539

Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.5	44.3
169	13.8	10.9	16.3



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ClientSampleId :
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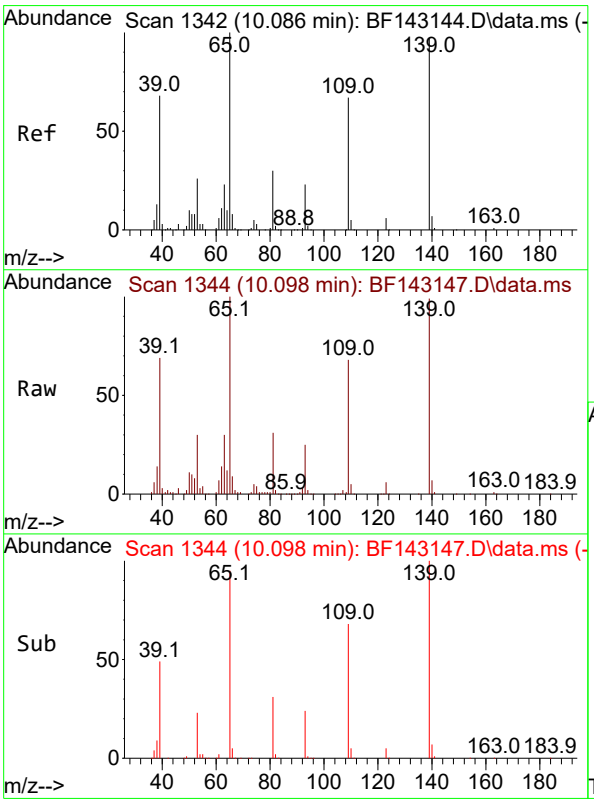
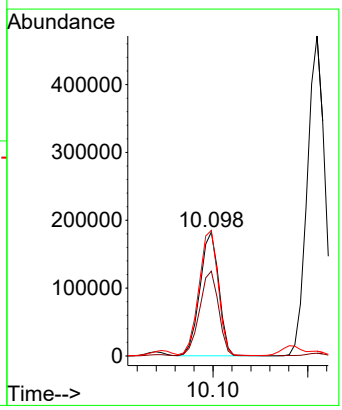
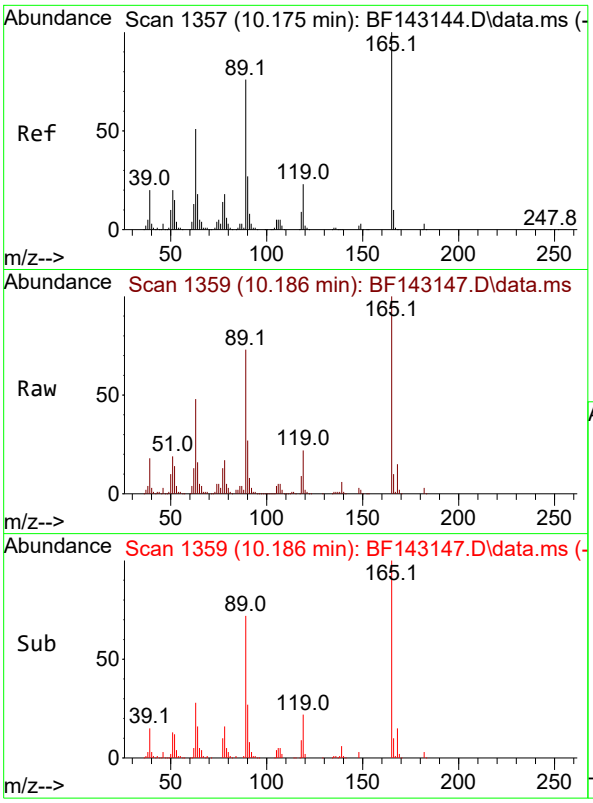


#56
4-Nitrophenol
Concen: 79.161 ng
RT: 10.098 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:139 Resp: 252698

Ion	Ratio	Lower	Upper
139	100		
109	68.4	48.5	88.5
65	101.3	83.4	123.4

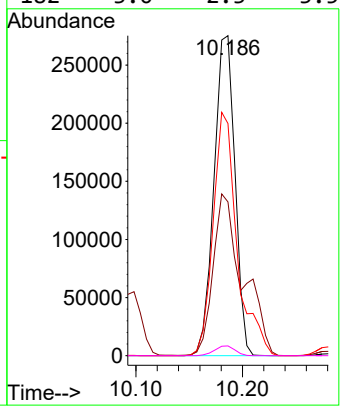




#57
2,4-Dinitrotoluene
Concen: 82.029 ng
RT: 10.186 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:165 Resp: 37612

Ion	Ratio	Lower	Upper
165	100		
63	48.1	41.0	61.4
89	72.5	61.1	91.7
182	3.0	2.3	3.5



Instrument :
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ClientSampleId :
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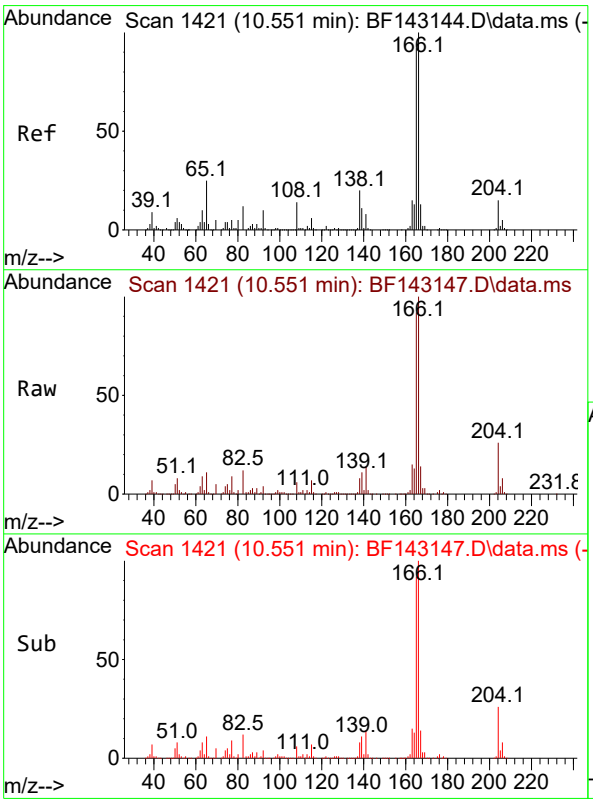
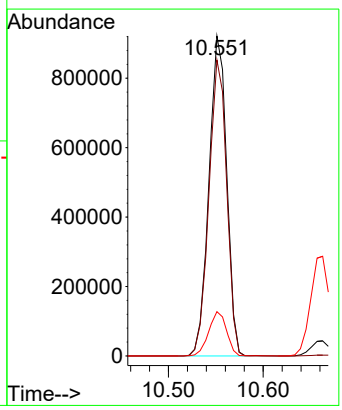
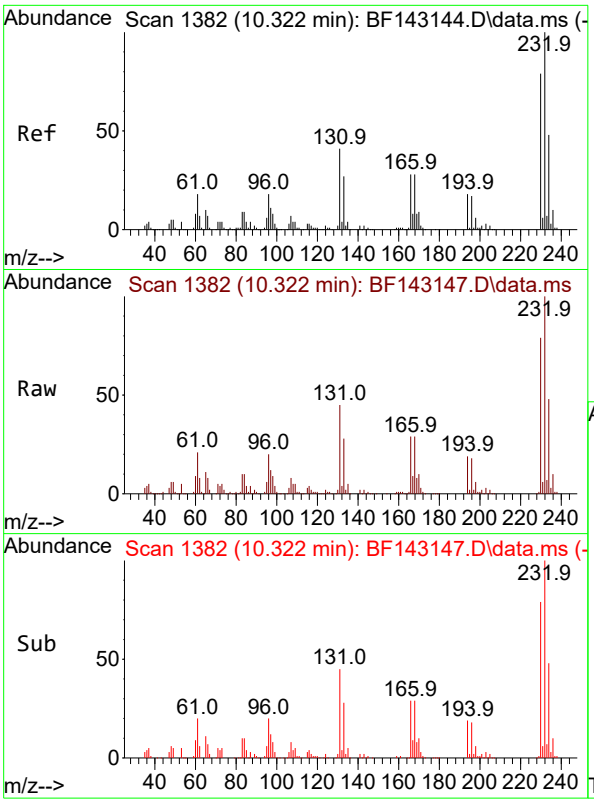


#58
Fluorene
Concen: 68.203 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:166 Resp: 1197731

Ion	Ratio	Lower	Upper
166	100		
165	92.5	73.7	110.5
167	13.8	10.6	16.0

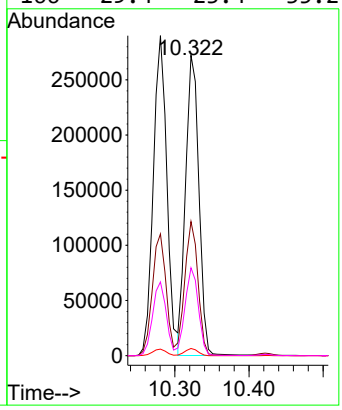




#59
2,3,4,6-Tetrachlorophenol
Concen: 74.533 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:232 Resp: 34011

Ion	Ratio	Lower	Upper
232	100		
131	44.5	35.3	52.9
130	2.4	1.7	2.5
166	29.4	23.4	35.2



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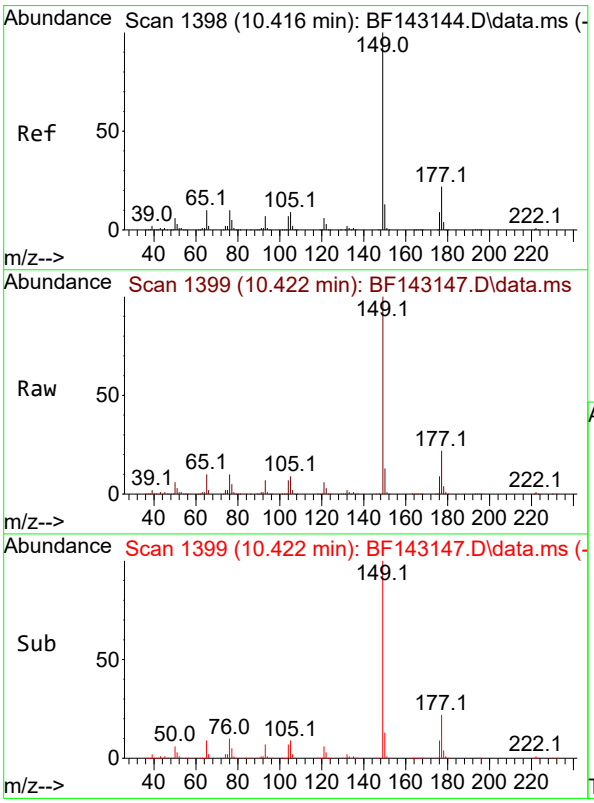
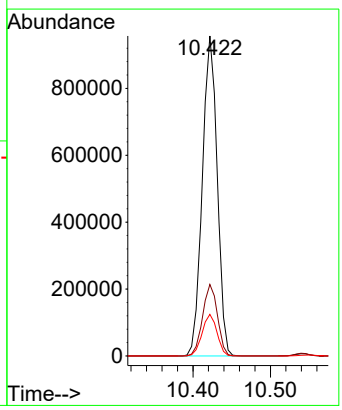
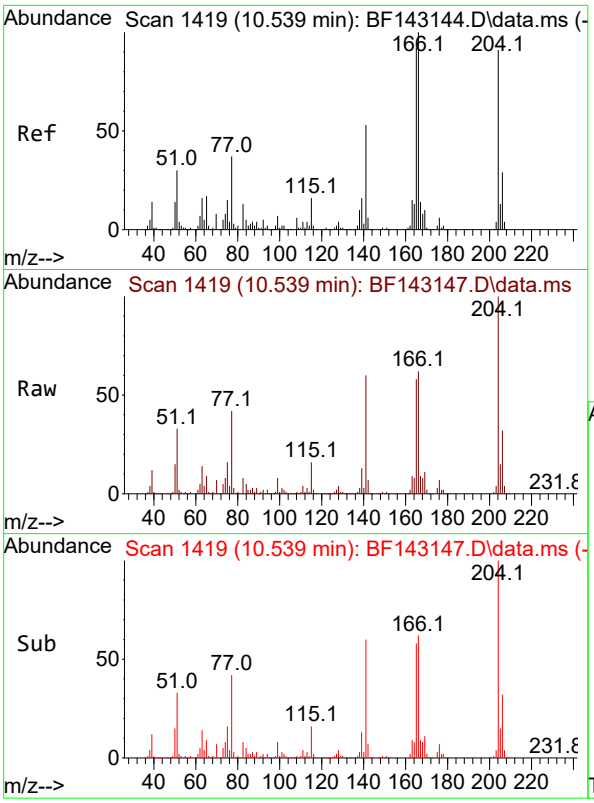


#60
Diethylphthalate
Concen: 71.870 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:149 Resp: 1276217

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.5	26.3
150	13.0	10.2	15.2

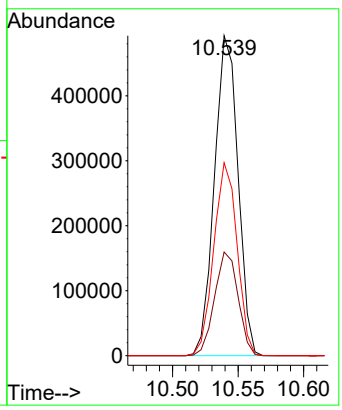




#61
4-Chlorophenyl-phenylether
Concen: 70.326 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:204 Resp: 61496

Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.8	38.8
141	60.3	47.0	70.4



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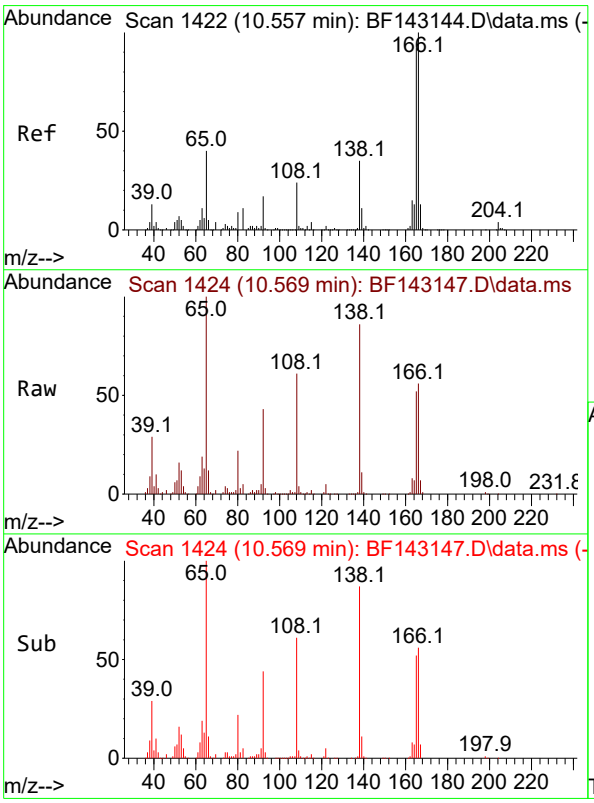
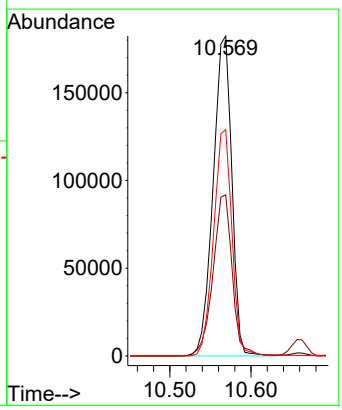
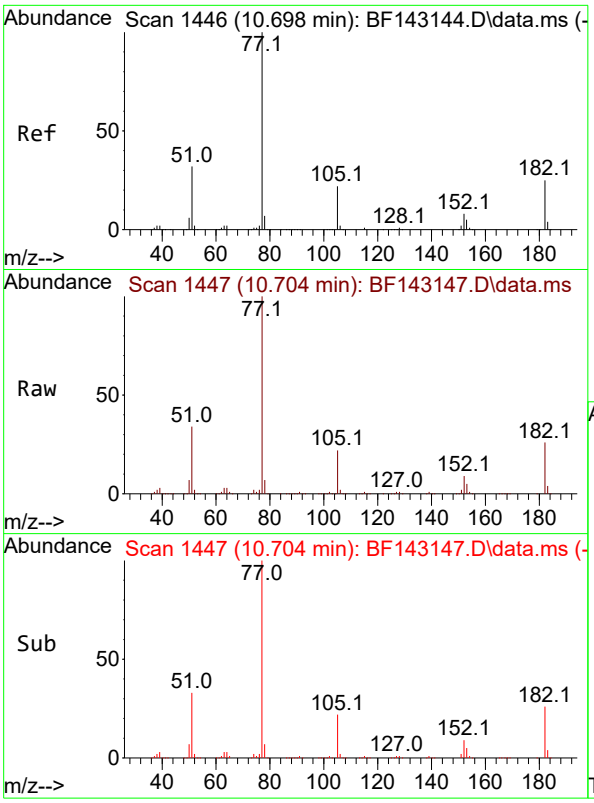


#62
4-Nitroaniline
Concen: 79.680 ng
RT: 10.569 min Scan# 1424
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:138 Resp: 291926

Ion	Ratio	Lower	Upper
138	100		
92	50.4	29.3	69.3
108	70.7	48.3	88.3

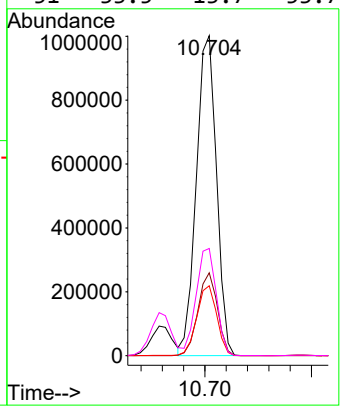




#63
Azobenzene
Concen: 71.255 ng
RT: 10.704 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 77 Resp: 131872

Ion	Ratio	Lower	Upper
77	100		
182	25.9	4.6	44.6
105	21.9	1.4	41.4
51	33.5	13.7	53.7



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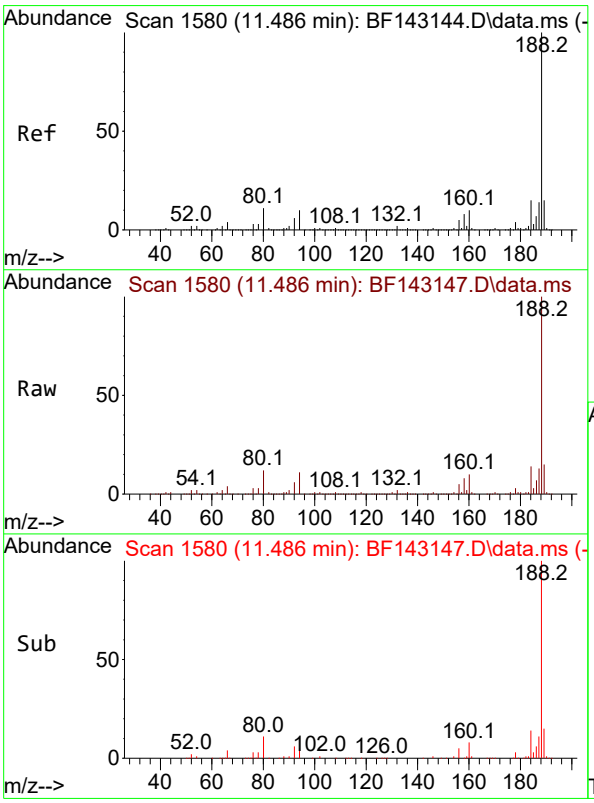
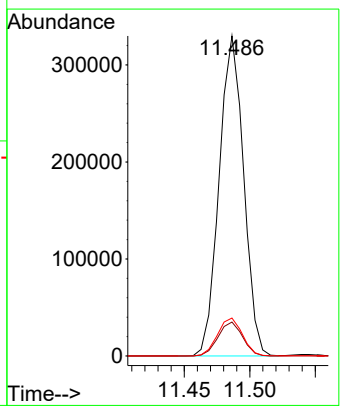
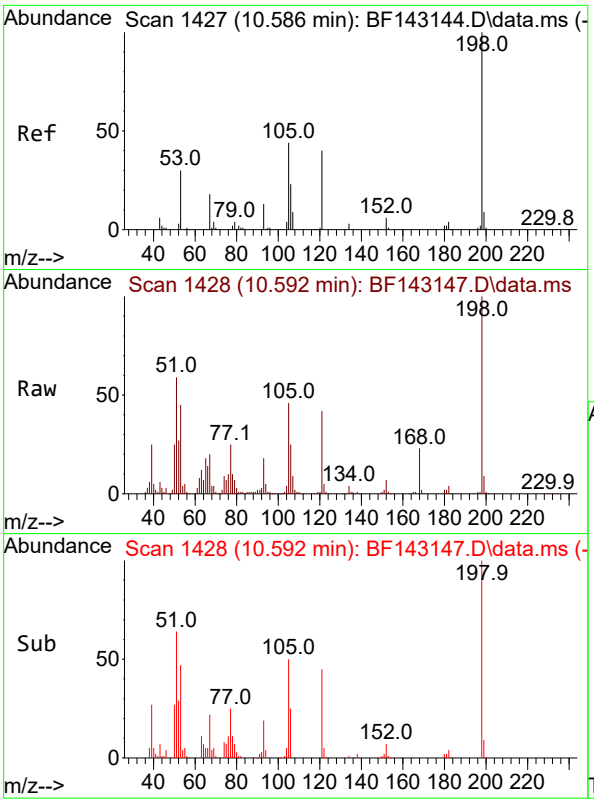


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:188 Resp: 429046

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.3	12.5
80	11.8	9.0	13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 78.948 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:198 Resp: 18641

Ion	Ratio	Lower	Upper
198	100		
51	58.9	37.2	77.2
105	46.0	24.8	64.8

Instrument :
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ClientSampleId :
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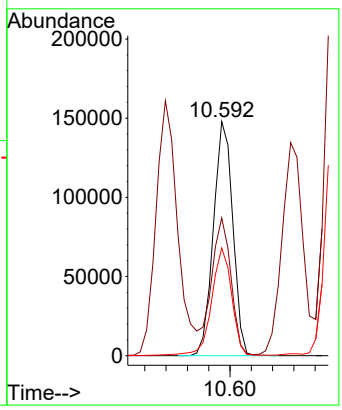
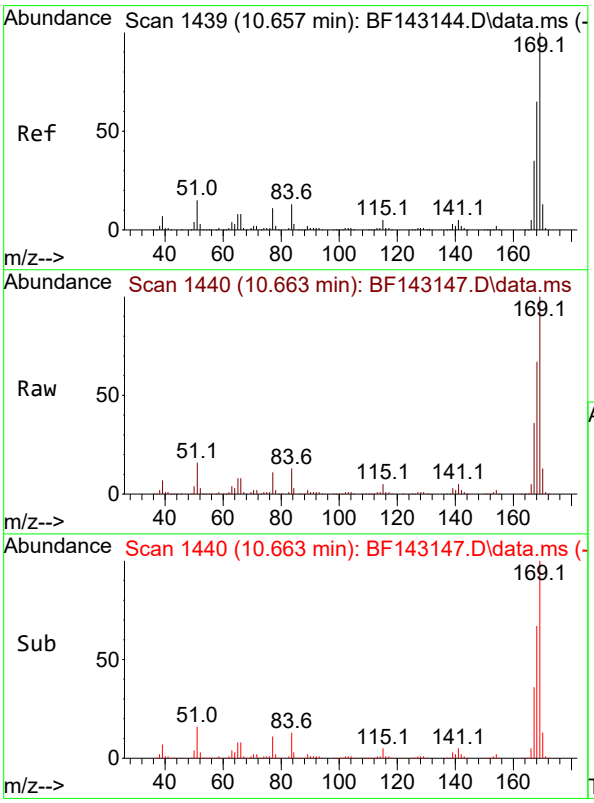
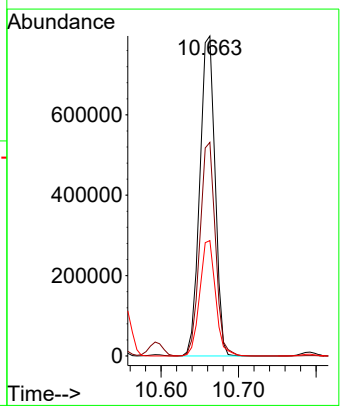


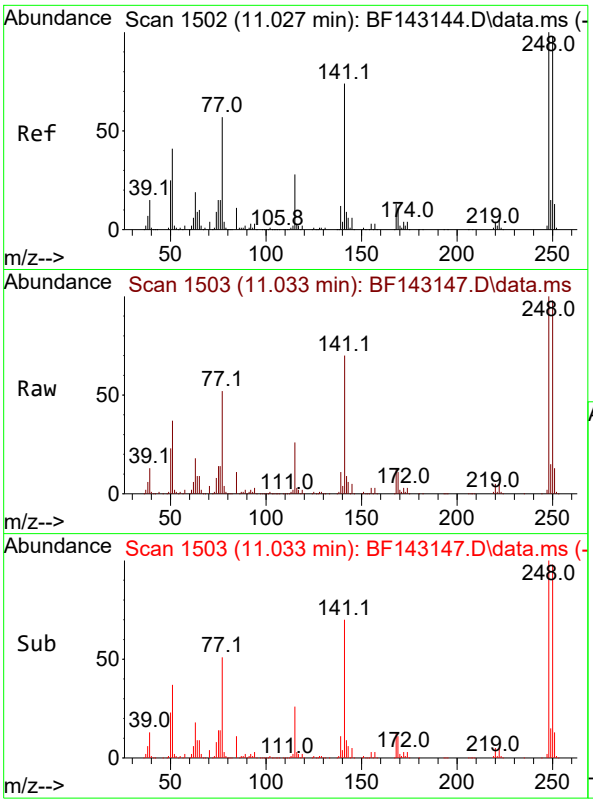


#66
n-Nitrosodiphenylamine
Concen: 72.014 ng
RT: 10.663 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:169 Resp: 1087990

Ion	Ratio	Lower	Upper
169	100		
168	66.8	52.1	78.1
167	36.1	28.2	42.2

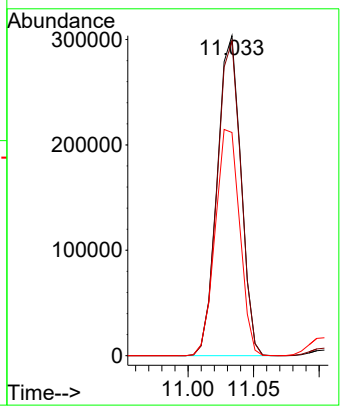




#67
4-Bromophenyl-phenylether
Concen: 74.734 ng
RT: 11.033 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:248 Resp: 38212

Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.3	117.5
141	69.8	59.2	88.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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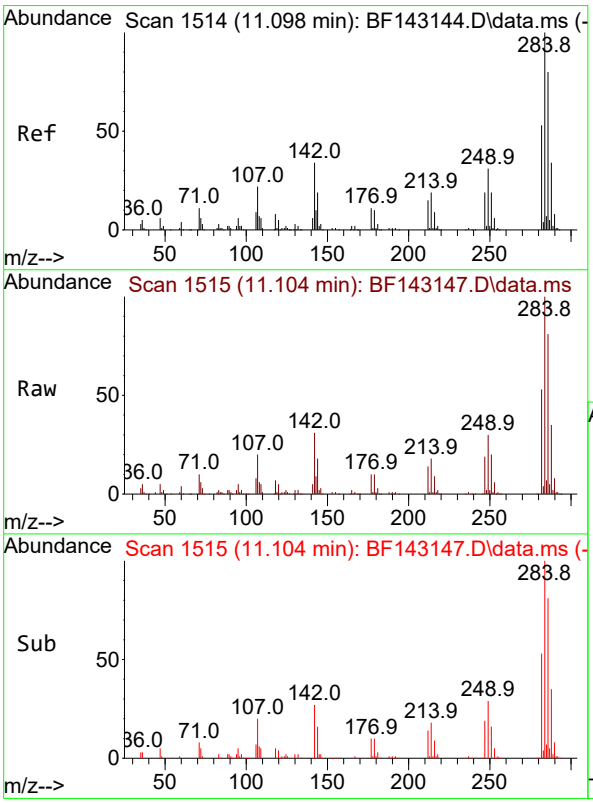
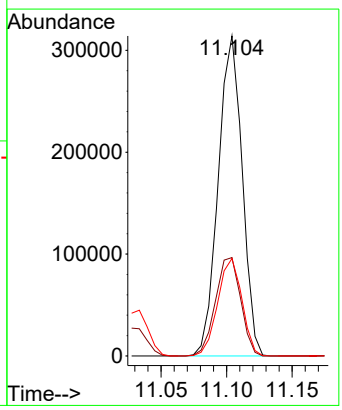
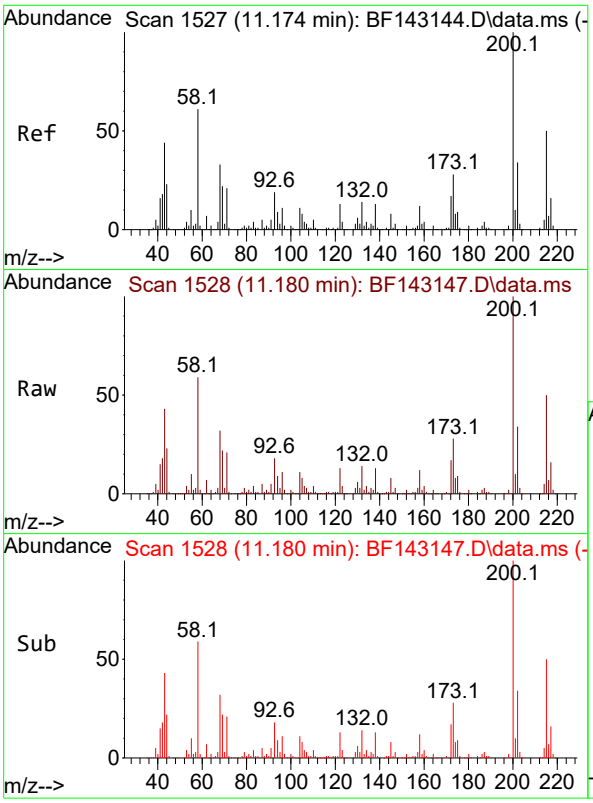


#68
Hexachlorobenzene
Concen: 74.680 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:284 Resp: 399107

Ion	Ratio	Lower	Upper
284	100		
142	30.7	27.0	40.6
249	30.5	25.0	37.6

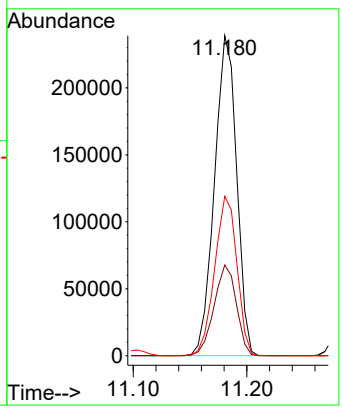




#69
Atrazine
Concen: 77.819 ng
RT: 11.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:200 Resp: 32412

Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.9	47.9
215	49.8	30.1	70.1



Instrument :
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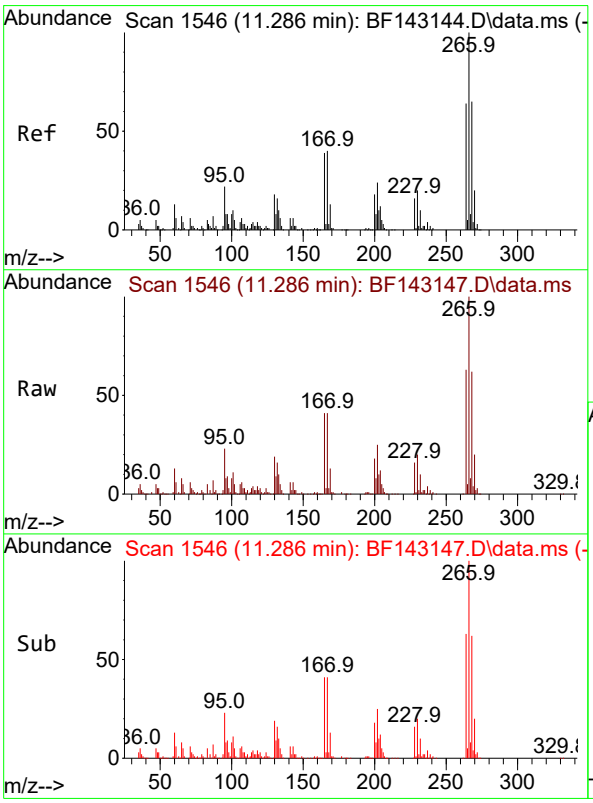
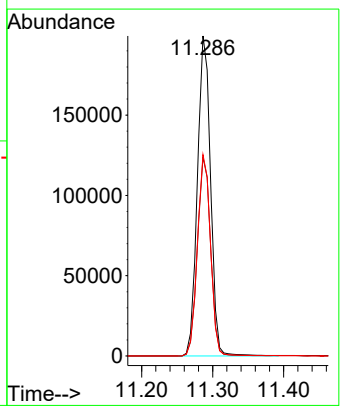
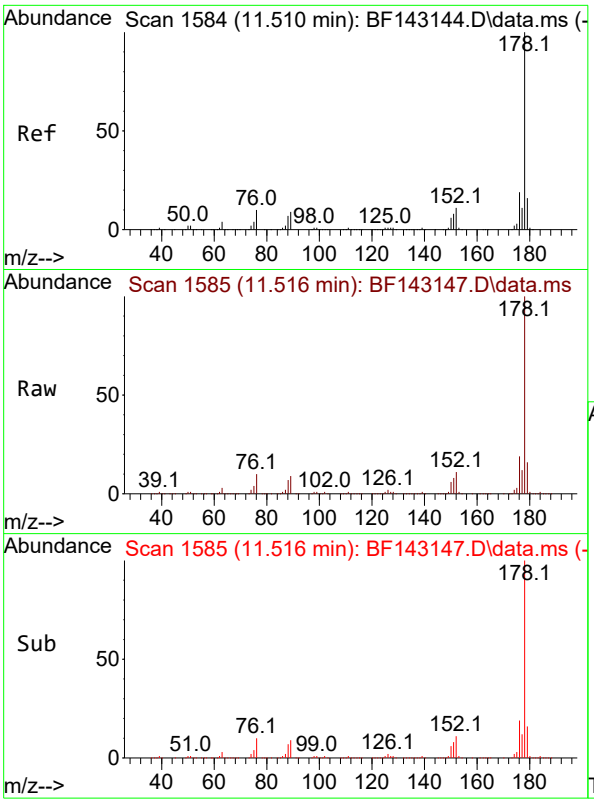


#70
Pentachlorophenol
Concen: 81.829 ng
RT: 11.286 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:266 Resp: 257176

Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.9	77.9
264	62.9	51.0	76.6

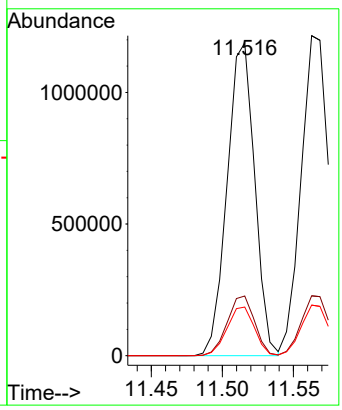




#71
Phenanthrene
Concen: 70.331 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:178 Resp: 160220

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.5	12.5	18.7



Instrument :
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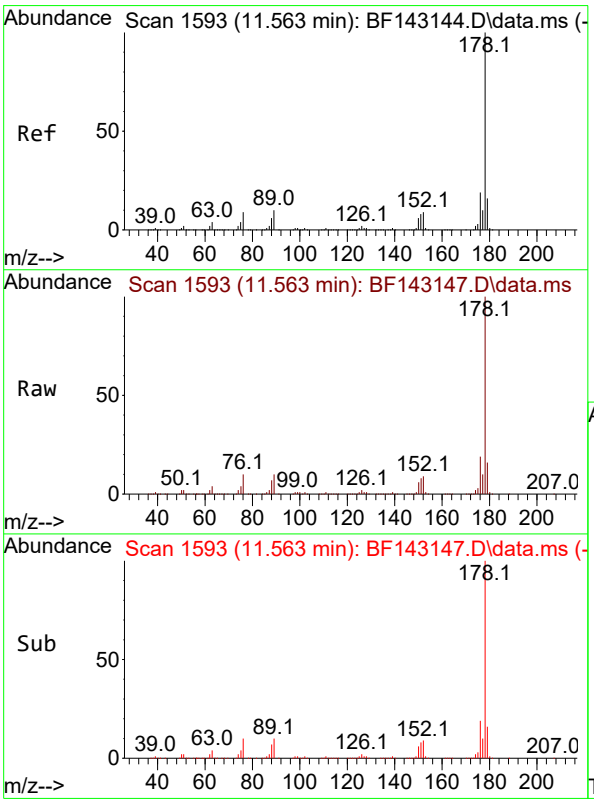
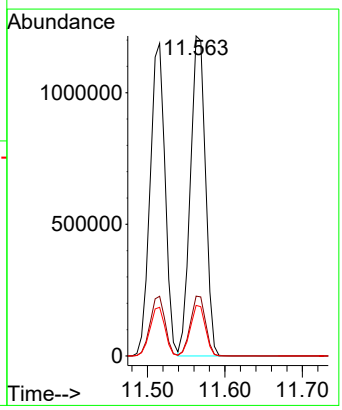
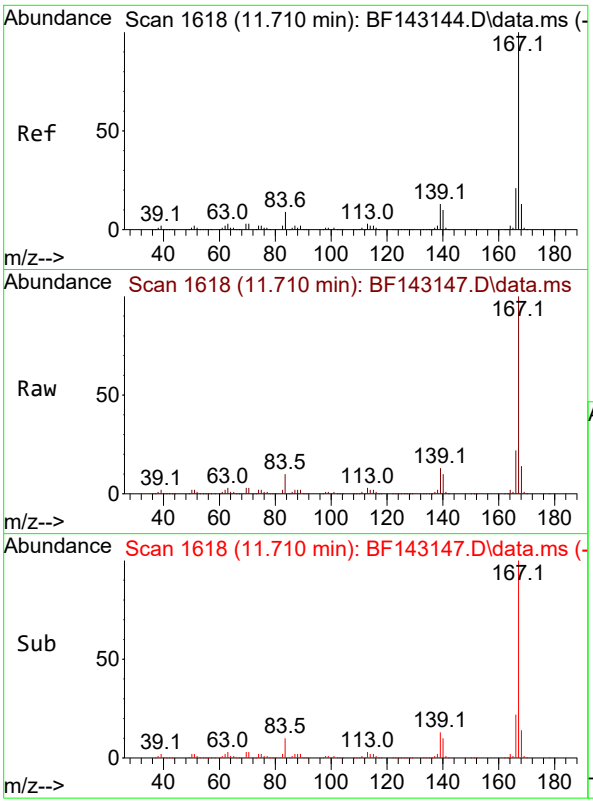


#72
Anthracene
Concen: 70.640 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:178 Resp: 1641264

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.8	12.5	18.7

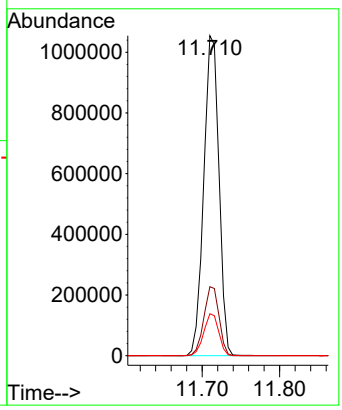




#73
Carbazole
Concen: 70.754 ng
RT: 11.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:167 Resp: 143544

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.6
139	13.1	10.0	15.0



Instrument :
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ClientSampleId :
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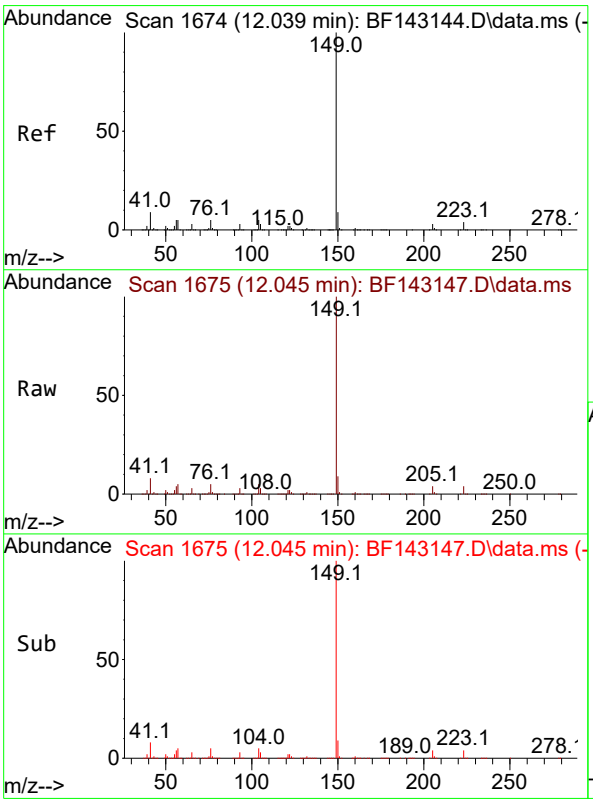
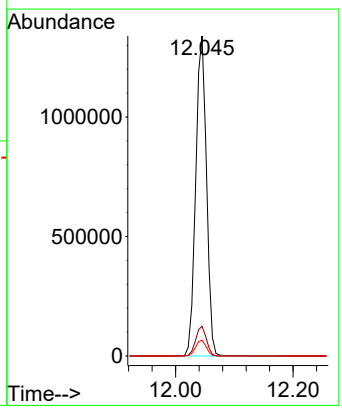
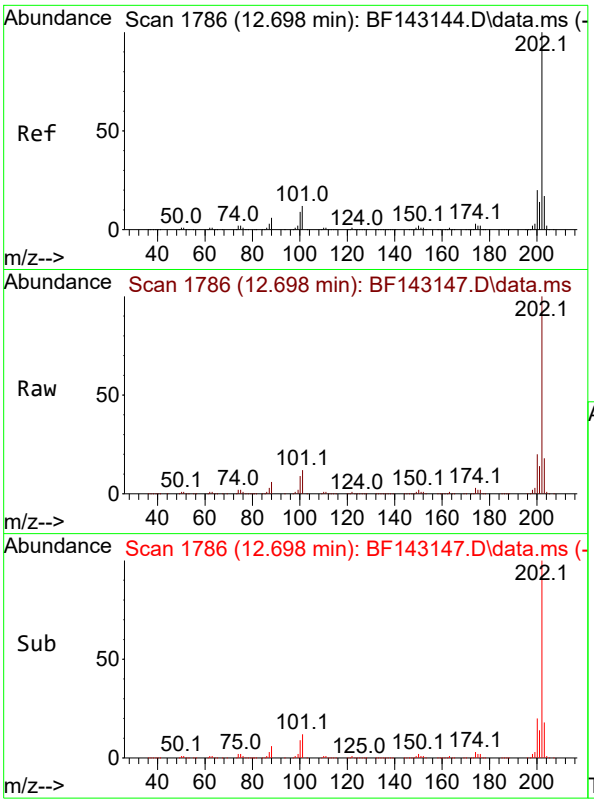


#74
Di-n-butylphthalate
Concen: 74.034 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:149 Resp: 1699503

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.9	3.8	5.8





#75
Fluoranthene
Concen: 71.645 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:202 Resp: 149810

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.7
203	17.8	0.0	37.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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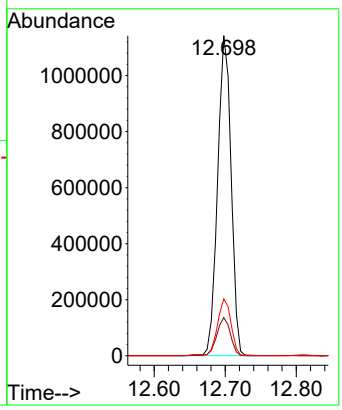
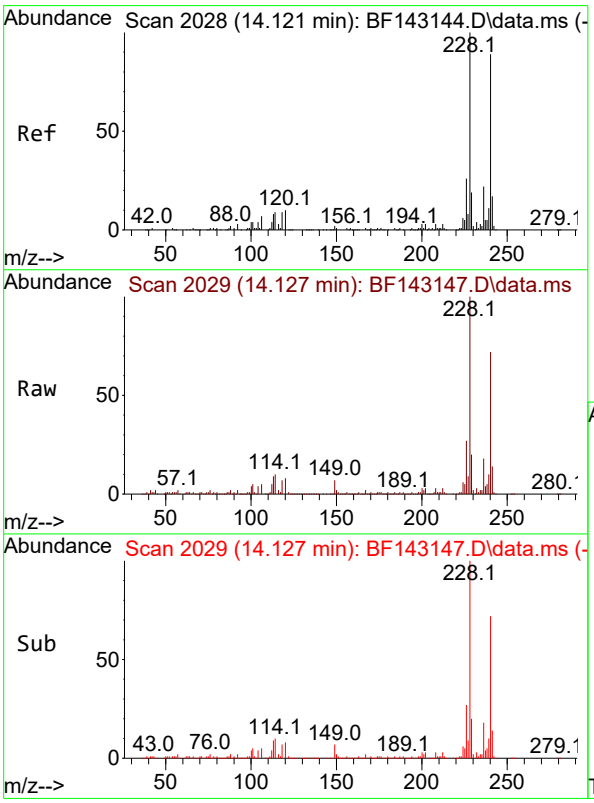
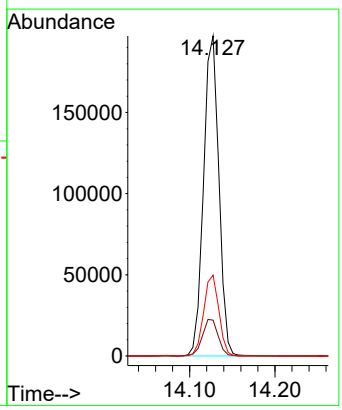


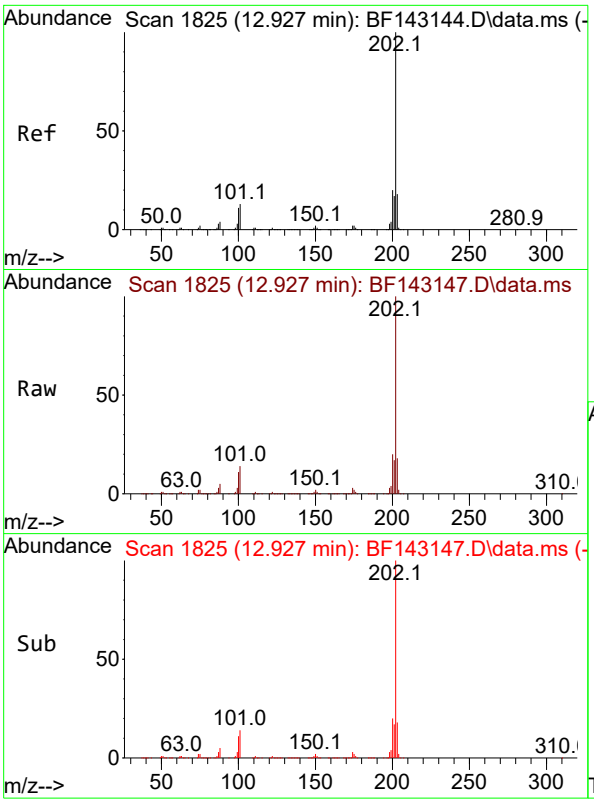


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:240 Resp: 245351

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.4	14.2
236	25.2	20.2	30.4

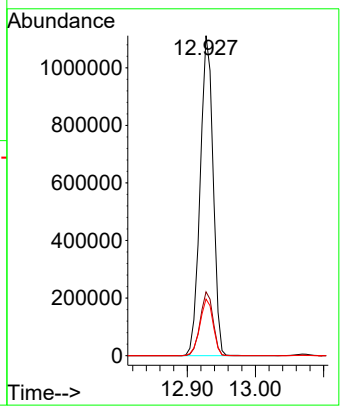




#78
Pyrene
Concen: 70.021 ng
RT: 12.927 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:202 Resp: 146620

Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.7	23.5
203	17.7	14.2	21.2



Instrument :
BNA_F
ClientSampleId :
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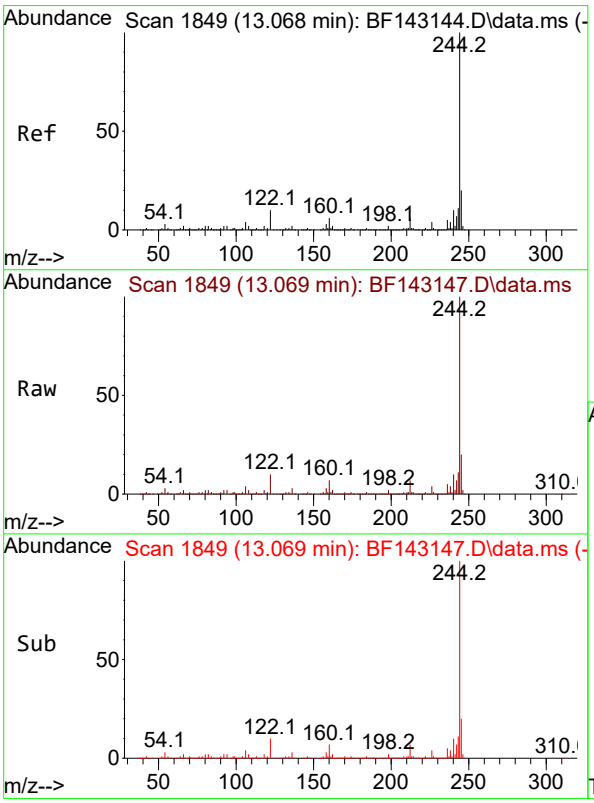
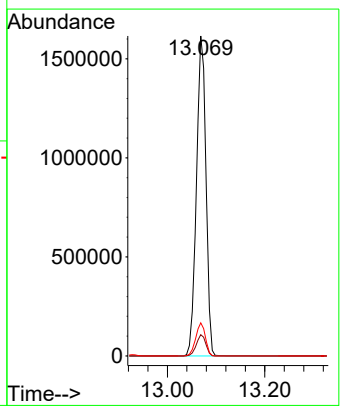
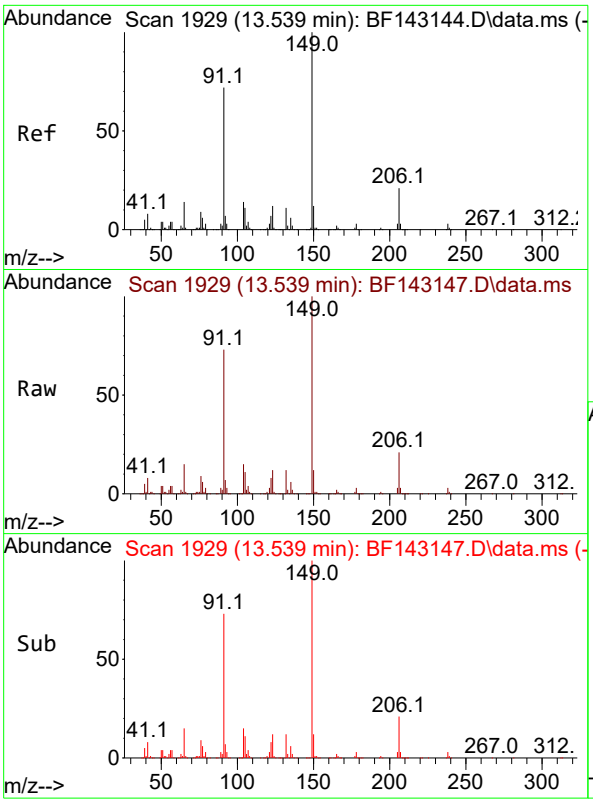


#79
Terphenyl-d14
Concen: 133.606 ng
RT: 13.069 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:244 Resp: 2202828

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	10.4	8.2	12.2

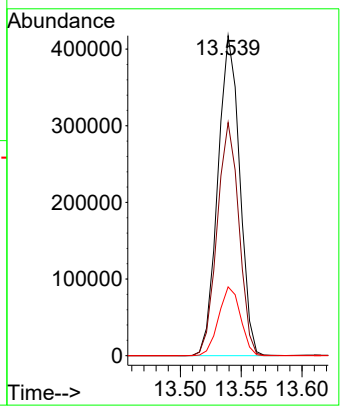




#80
Butylbenzylphthalate
Concen: 81.353 ng
RT: 13.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:149 Resp: 52163

Ion	Ratio	Lower	Upper
149	100		
91	72.9	57.9	86.9
206	21.5	17.0	25.4



Instrument :
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ClientSampleId :
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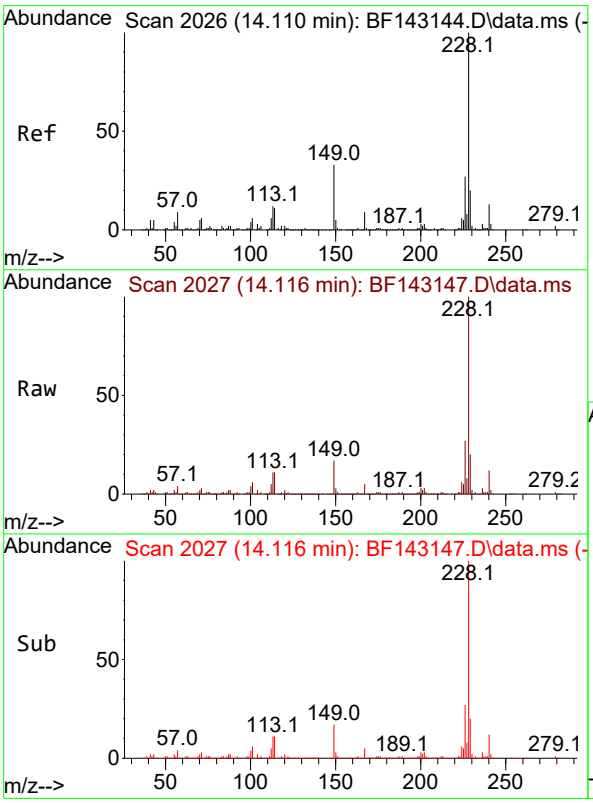
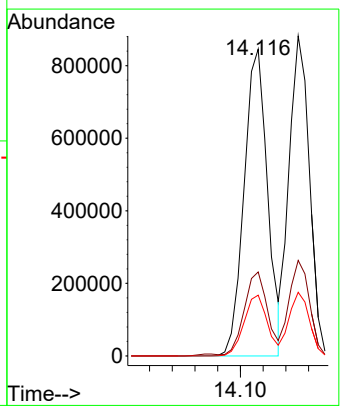
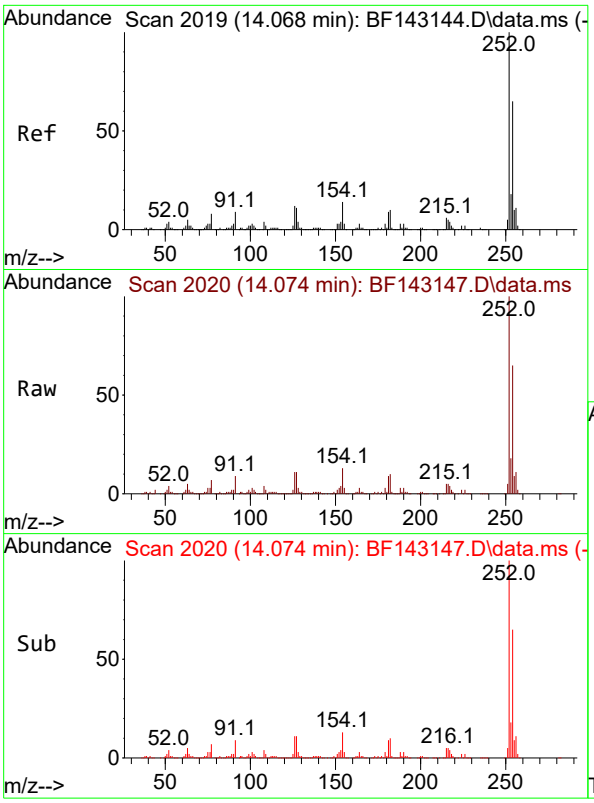


#81
Benzo(a)anthracene
Concen: 73.788 ng
RT: 14.116 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:228 Resp: 1212056

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.7	32.5
229	19.8	15.8	23.6

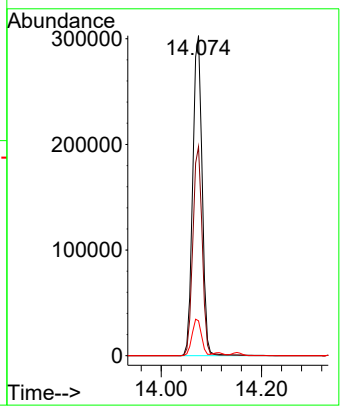




#82
3,3'-Dichlorobenzidine
Concen: 71.867 ng
RT: 14.074 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:252 Resp: 39344

Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.7	77.5
126	10.9	9.4	14.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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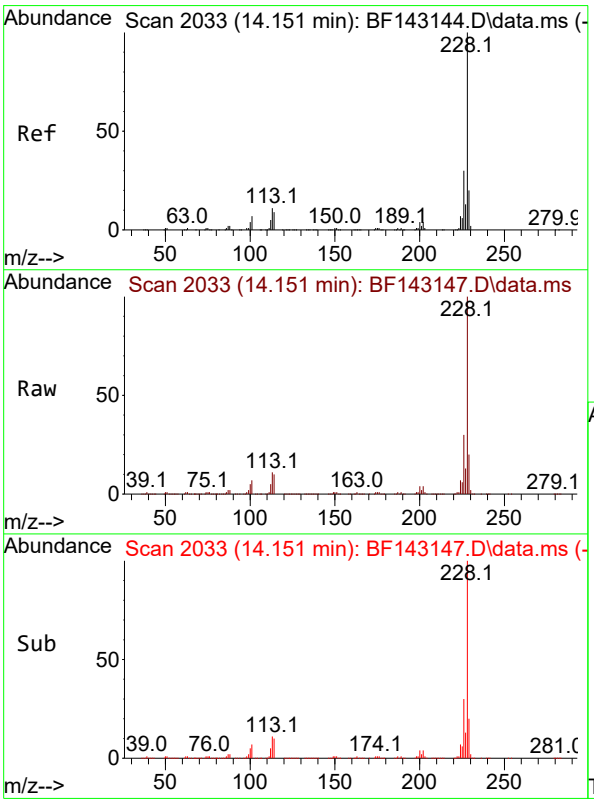
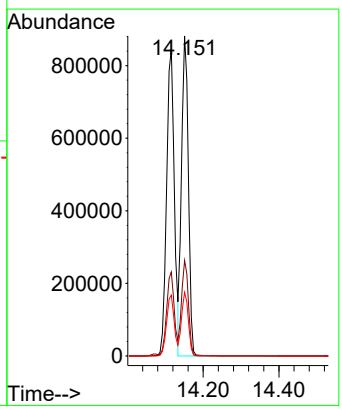
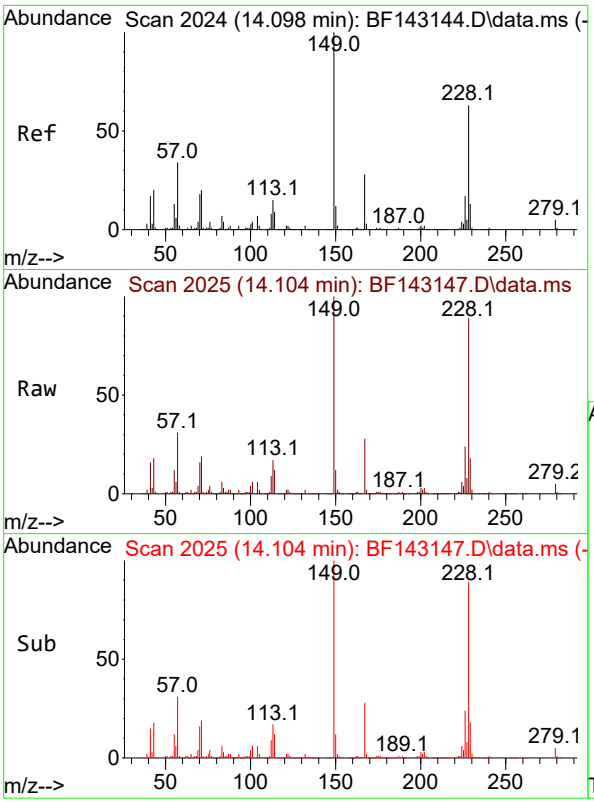


#83
Chrysene
Concen: 74.863 ng
RT: 14.151 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:228 Resp: 1105636

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.9	15.6	23.4

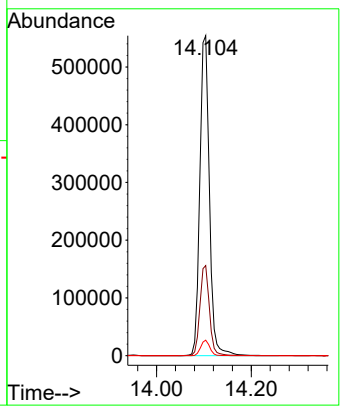




#84
Bis(2-ethylhexyl)phthalate
Concen: 79.790 ng
RT: 14.104 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:149 Resp: 77436

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.3	33.5
279	4.9	3.6	5.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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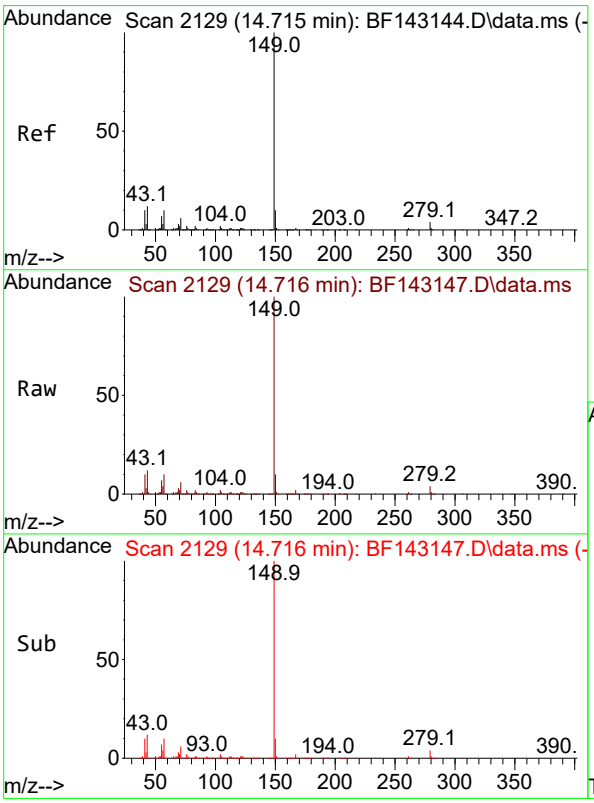
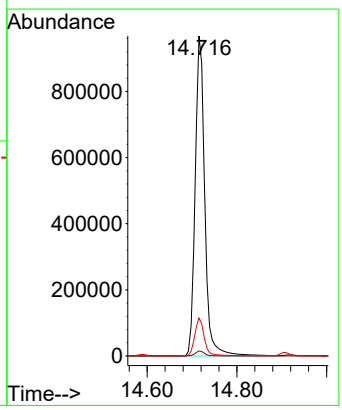
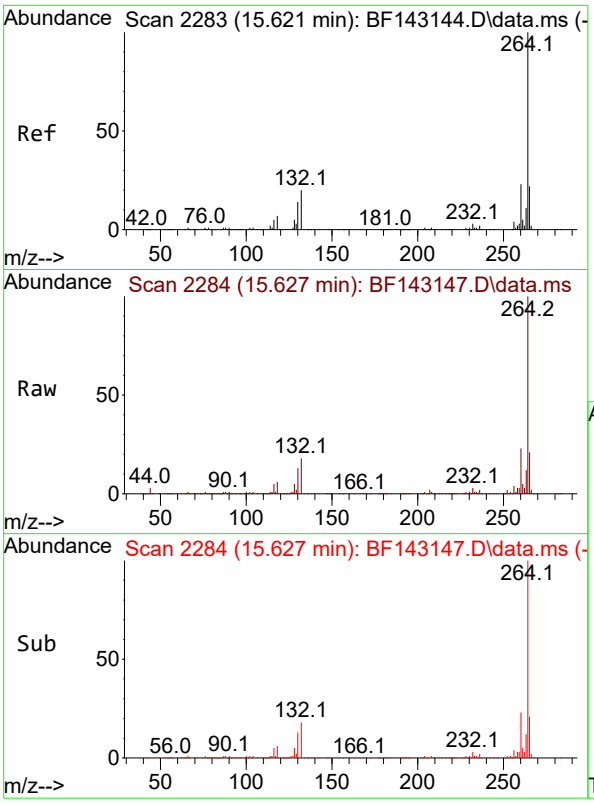


#85
Di-n-octyl phthalate
Concen: 81.519 ng
RT: 14.716 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:149 Resp: 1434055

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.9	9.7	14.5

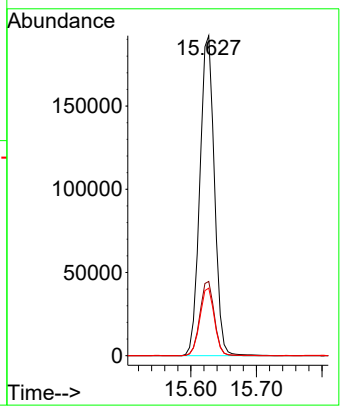




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:264 Resp: 29668

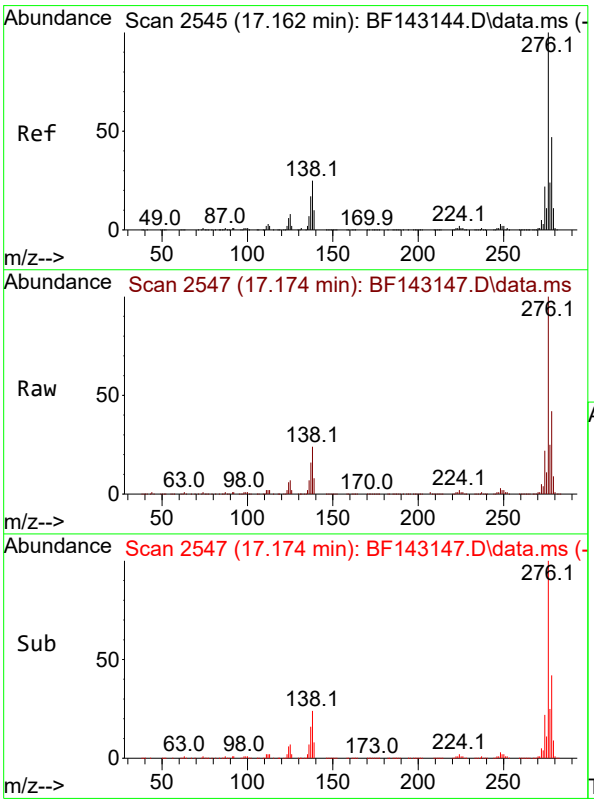
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.1	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

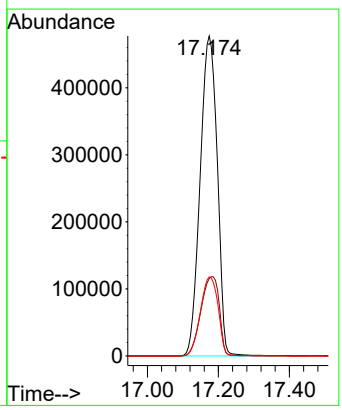
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

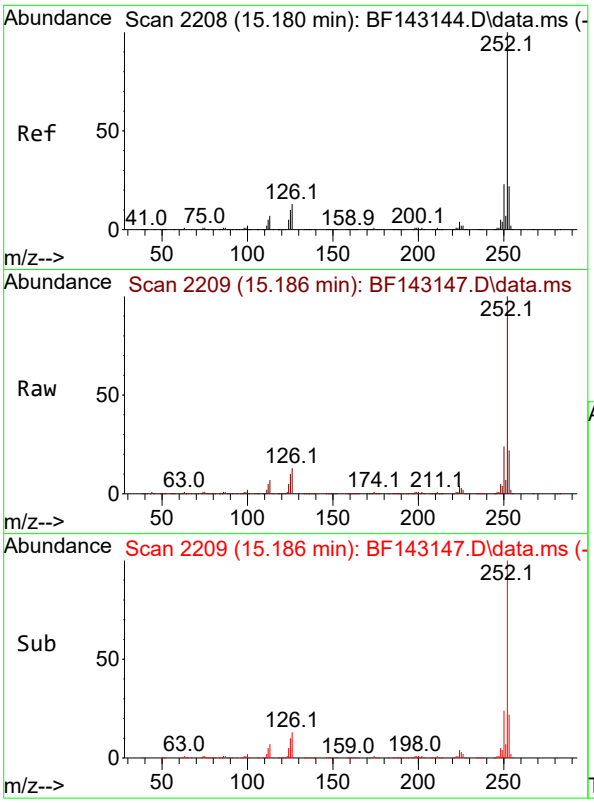


#87
Indeno(1,2,3-cd)pyrene
Concen: 76.718 ng
RT: 17.174 min Scan# 2547
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:276 Resp: 1604969

Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.8	32.6
277	25.5	20.0	30.0

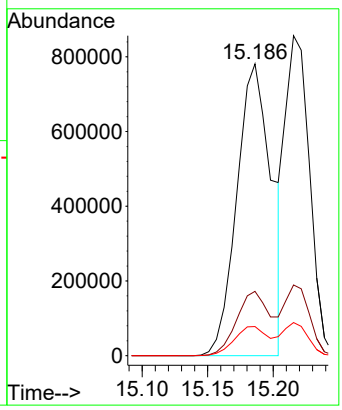




#88
Benzo(b)fluoranthene
Concen: 79.367 ng
RT: 15.186 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:252 Resp: 143851

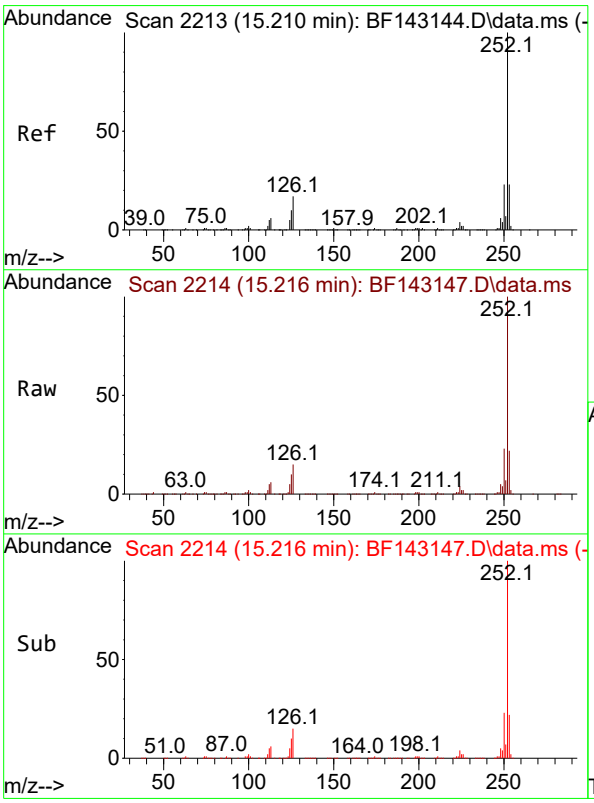
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.0	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

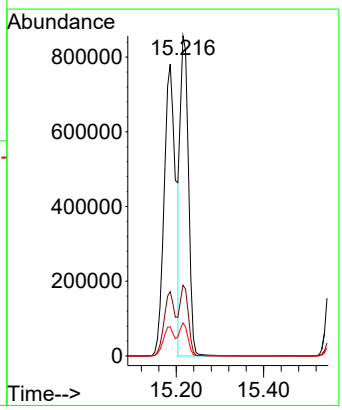
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

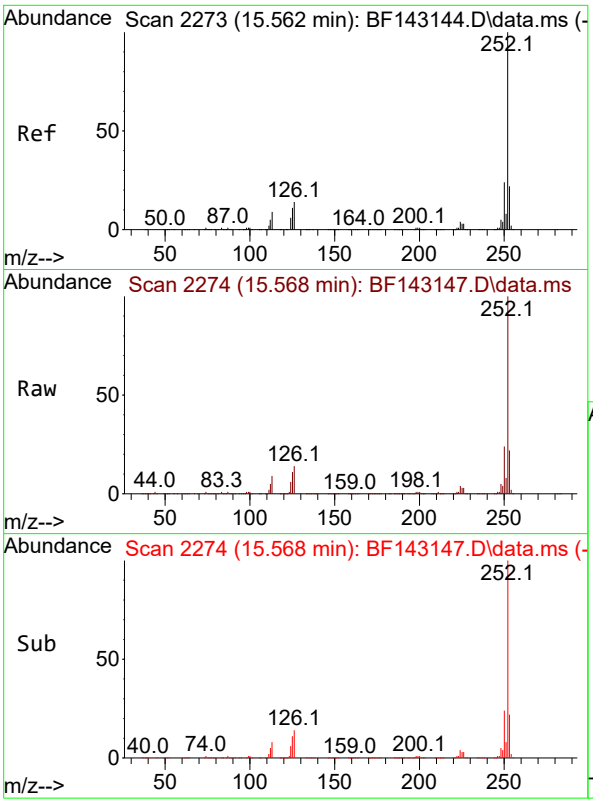


#89
Benzo(k)fluoranthene
Concen: 68.737 ng
RT: 15.216 min Scan# 2214
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:252 Resp: 1111726

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.4	8.1	12.1

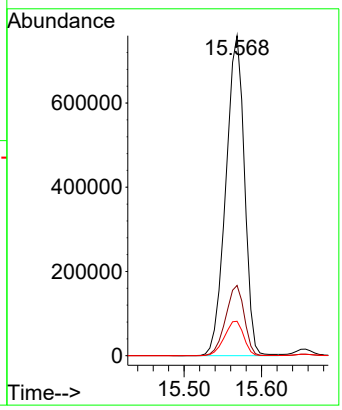




#90
Benzo(a)pyrene
Concen: 76.006 ng
RT: 15.568 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:252 Resp: 126925

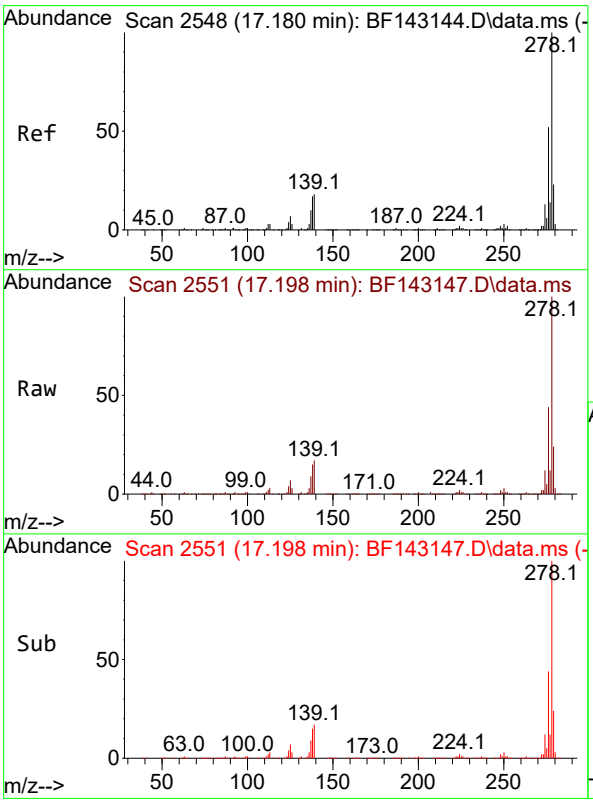
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	10.8	8.6	13.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

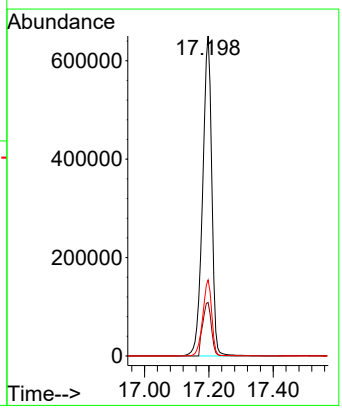
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

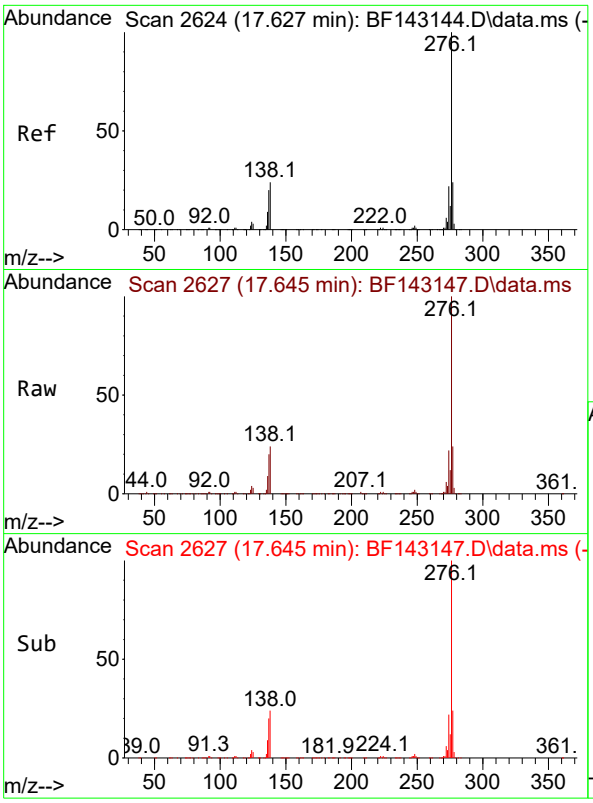


#91
Dibenzo(a,h)anthracene
Concen: 75.746 ng
RT: 17.198 min Scan# 2551
Delta R.T. 0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:278 Resp: 1289789

Ion	Ratio	Lower	Upper
278	100		
139	16.7	14.1	21.1
279	23.8	18.6	28.0

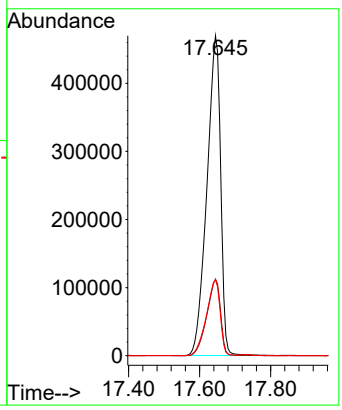




#92
Benzo(g,h,i)perylene
Concen: 76.846 ng
RT: 17.645 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:276 Resp: 126577

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	23.7	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	143868	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	559677	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	287255	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	457098	20.000	ng	0.00
76) Chrysene-d12	14.121	240	265008	20.000	ng	0.00
86) Perylene-d12	15.621	264	310192	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	701339	77.143	ng	0.00
7) Phenol-d6	6.581	99	894087	78.133	ng	0.00
23) Nitrobenzene-d5	7.522	82	811178	72.247	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	237309	79.969	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1449098	68.992	ng	0.00
79) Terphenyl-d14	13.068	244	1234701	69.333	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.793	88	165605	38.496	ng	98
3) Pyridine	3.569	79	453367	40.604	ng	99
4) n-Nitrosodimethylamine	3.510	42	235215	40.802	ng	97
6) Aniline	6.622	93	655116	41.078	ng	99
8) 2-Chlorophenol	6.745	128	395767	41.530	ng	99
9) Benzaldehyde	6.510	77	321269	37.441	ng	98
10) Phenol	6.598	94	508952m	40.827	ng	
11) bis(2-Chloroethyl)ether	6.692	93	387791	40.628	ng	100
12) 1,3-Dichlorobenzene	6.904	146	418232	40.400	ng	99
13) 1,4-Dichlorobenzene	6.981	146	424629	40.731	ng	99
14) 1,2-Dichlorobenzene	7.134	146	411560	41.506	ng	99
15) Benzyl Alcohol	7.098	79	366608	41.958	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	732274	41.357	ng	100
17) 2-Methylphenol	7.204	107	331709	41.398	ng	99
18) Hexachloroethane	7.481	117	151232	41.903	ng	98
19) n-Nitroso-di-n-propyla...	7.375	70	296171	40.342	ng	100
20) 3+4-Methylphenols	7.357	107	412065	42.387	ng	98
22) Acetophenone	7.369	105	533464	40.260	ng	99
24) Nitrobenzene	7.539	77	436834	41.731	ng	98
25) Isophorone	7.781	82	804071	40.567	ng	99
26) 2-Nitrophenol	7.857	139	203967	44.896	ng	100
27) 2,4-Dimethylphenol	7.886	122	377575	40.773	ng	100
28) bis(2-Chloroethoxy)met...	7.986	93	474637	39.939	ng	99
29) 2,4-Dichlorophenol	8.092	162	319216	40.875	ng	98
30) 1,2,4-Trichlorobenzene	8.186	180	342135	40.551	ng	99
31) Naphthalene	8.269	128	1106482	40.143	ng	100
32) Benzoic acid	7.986	122	202337	39.782	ng	98
33) 4-Chloroaniline	8.310	127	457742	40.671	ng	99
34) Hexachlorobutadiene	8.386	225	212781	41.284	ng	100
35) Caprolactam	8.675	113	96661	40.959	ng	98
36) 4-Chloro-3-methylphenol	8.780	107	344726	40.611	ng	99
37) 2-Methylnaphthalene	8.957	142	675594	40.279	ng	100
38) 1-Methylnaphthalene	9.057	142	703170	40.712	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	339567	40.944	ng	98
41) Hexachlorocyclopentadiene	9.116	237	231349	42.872	ng	99
43) 2,4,6-Trichlorophenol	9.228	196	231043	40.253	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	246820	42.989	ng	97
46) 1,1'-Biphenyl	9.422	154	920059	41.053	ng	100
47) 2-Chloronaphthalene	9.445	162	666359	40.184	ng	100
48) 2-Nitroaniline	9.533	65	227376	43.723	ng	100
49) Acenaphthylene	9.863	152	1111992	40.013	ng	100
50) Dimethylphthalate	9.716	163	753041	40.218	ng	100
51) 2,6-Dinitrotoluene	9.775	165	166911	43.820	ng	98
52) Acenaphthene	10.033	154	659908	40.176	ng	99
53) 3-Nitroaniline	9.939	138	191512	42.985	ng	98
54) 2,4-Dinitrophenol	10.045	184	64659	40.998	ng	98
55) Dibenzofuran	10.204	168	974991	39.981	ng	100
56) 4-Nitrophenol	10.086	139	140876	42.344	ng	99
57) 2,4-Dinitrotoluene	10.175	165	212369	44.440	ng	97
58) Fluorene	10.551	166	717816	39.219	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	198530	41.743	ng	99
60) Diethylphthalate	10.416	149	753774	40.729	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	367981	40.377	ng	99
62) 4-Nitroaniline	10.551	138	160193	41.953	ng	98
63) Azobenzene	10.698	77	779524	40.414	ng	100
65) 4,6-Dinitro-2-methylph...	10.586	198	98462	41.869	ng	97
66) n-Nitrosodiphenylamine	10.657	169	647855	40.250	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	222405	40.828	ng	100
68) Hexachlorobenzene	11.098	284	229272	40.268	ng	100
69) Atrazine	11.174	200	189104	42.615	ng	99
70) Pentachlorophenol	11.286	266	141608	42.292	ng	99
71) Phenanthrene	11.510	178	971448	40.026	ng	100
72) Anthracene	11.563	178	1003925	40.557	ng	99
73) Carbazole	11.710	167	874867	40.476	ng	100
74) Di-n-butylphthalate	12.039	149	1035244	42.330	ng	100
75) Fluoranthene	12.698	202	909717	40.836	ng	100
77) Benzidine	12.810	184	441470	43.239	ng	100
78) Pyrene	12.927	202	902771	39.916	ng	99
80) Butylbenzylphthalate	13.539	149	303528	43.827	ng	98
81) Benzo(a)anthracene	14.110	228	708799	39.950	ng	100
82) 3,3'-Dichlorobenzidine	14.068	252	258837	43.772	ng	100
83) Chrysene	14.145	228	673701	42.233	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	456811	43.578	ng	100
85) Di-n-octyl phthalate	14.715	149	818512	43.077	ng	100
87) Indeno(1,2,3-cd)pyrene	17.162	276	896404	40.983	ng	100
88) Benzo(b)fluoranthene	15.180	252	820119	43.278	ng	100
89) Benzo(k)fluoranthene	15.209	252	634642	37.531	ng	99
90) Benzo(a)pyrene	15.562	252	708756	40.594	ng	99
91) Dibenzo(a,h)anthracene	17.180	278	724758	40.710	ng	99
92) Benzo(g,h,i)perylene	17.627	276	712864	41.394	ng	100

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

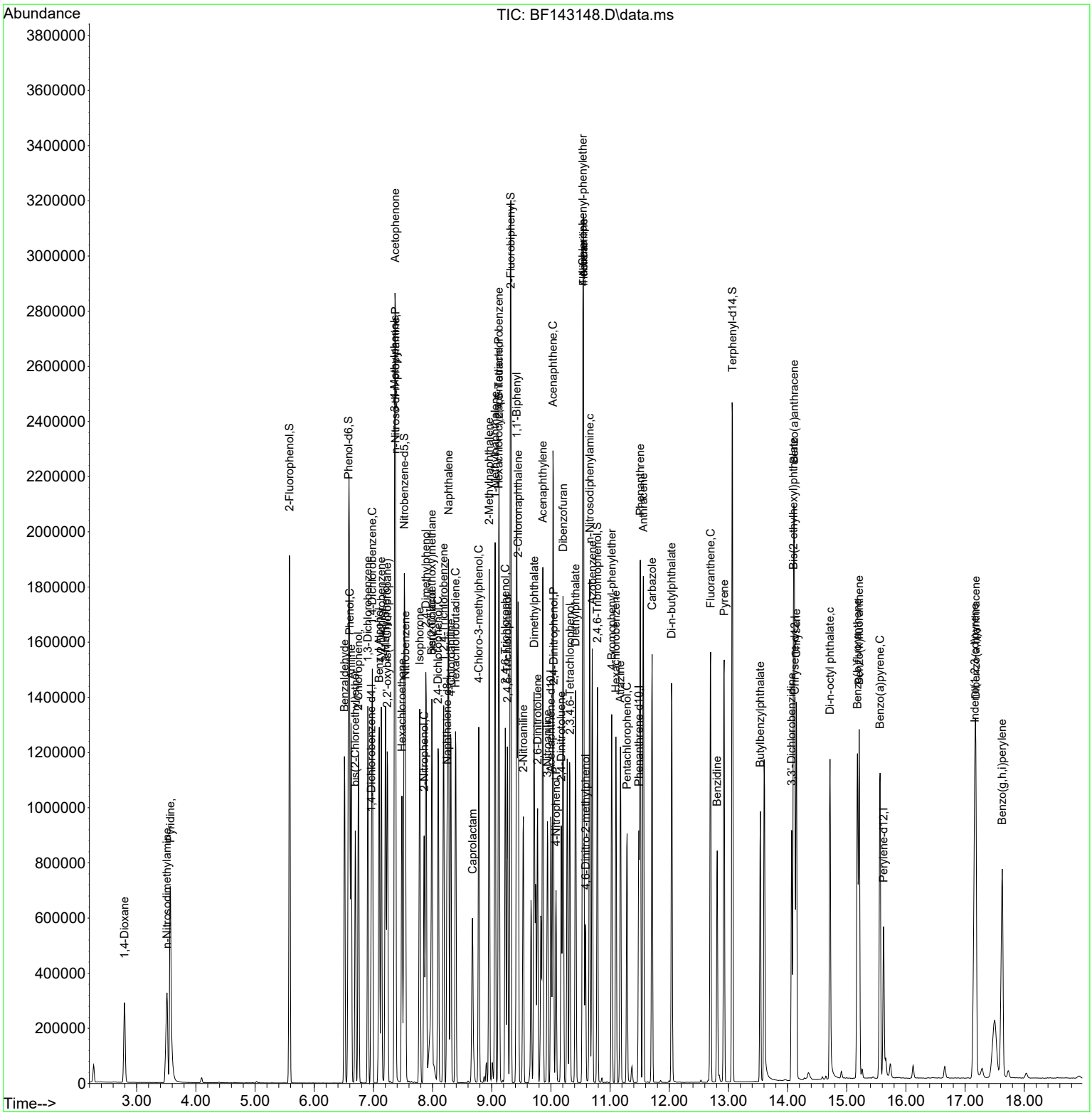
ICAL Form

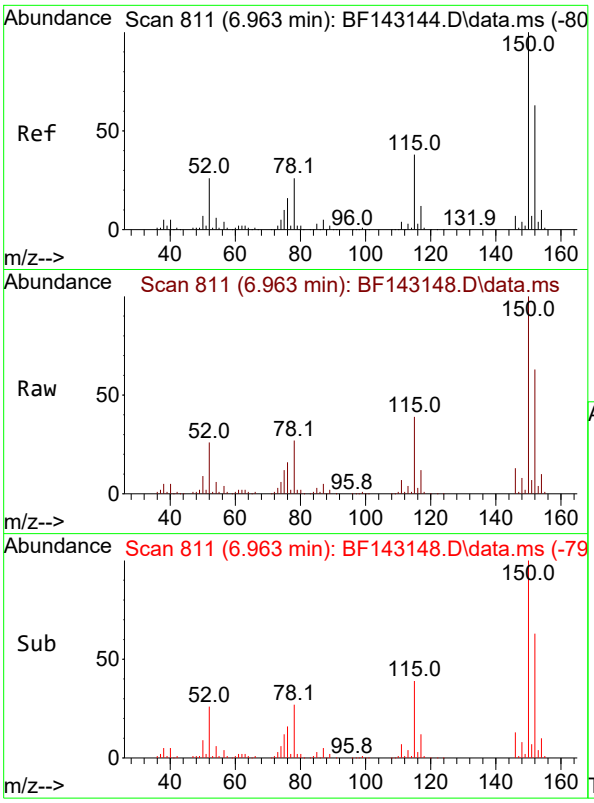
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

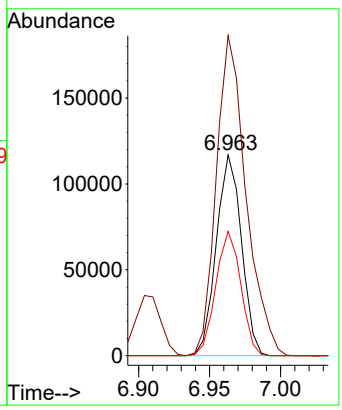




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:152 Resp: 14386

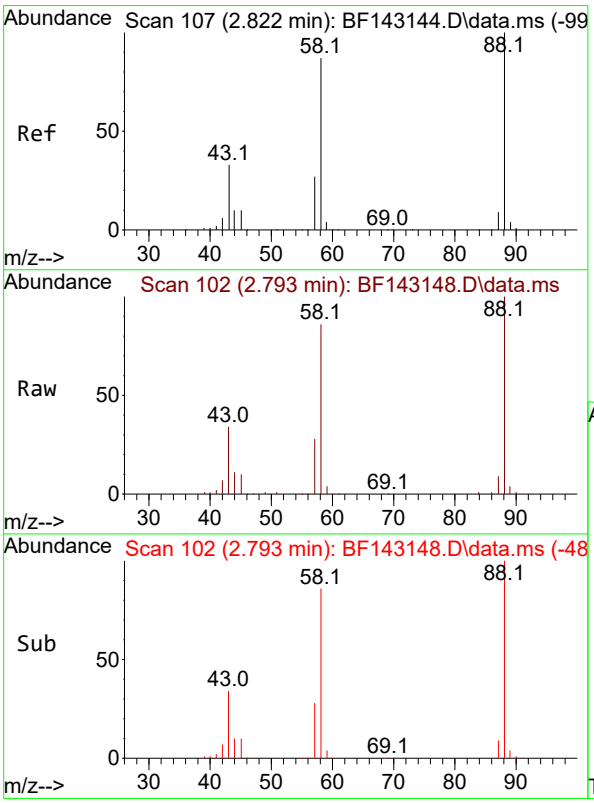
Ion	Ratio	Lower	Upper
152	100		
150	159.5	128.2	192.4
115	62.0	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

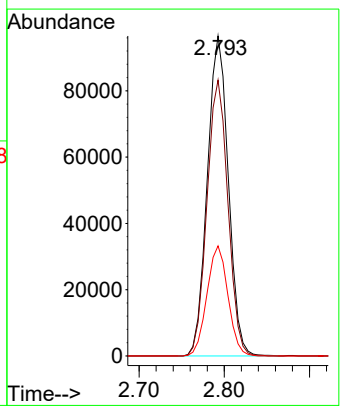
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

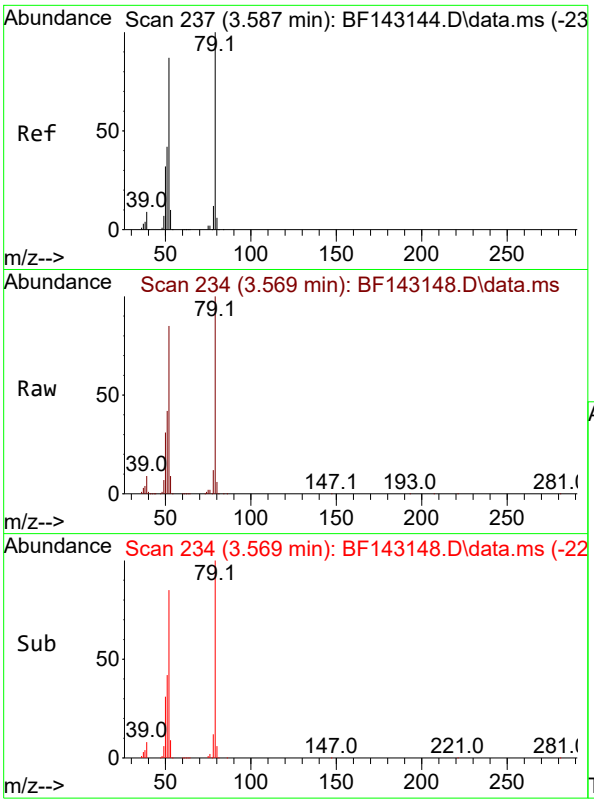


#2
1,4-Dioxane
Concen: 38.496 ng
RT: 2.793 min Scan# 102
Delta R.T. -0.029 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 88 Resp: 165605

Ion	Ratio	Lower	Upper
88	100		
58	86.0	70.2	105.2
43	34.4	27.1	40.7

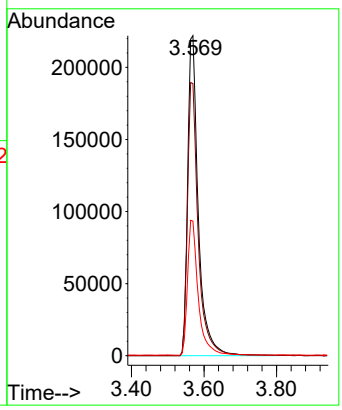




#3
Pyridine
Concen: 40.604 ng
RT: 3.569 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 79 Resp: 45336

Ion	Ratio	Lower	Upper
79	100		
52	85.0	69.4	104.2
51	42.0	33.5	50.3



Instrument :
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ClientSampleId :
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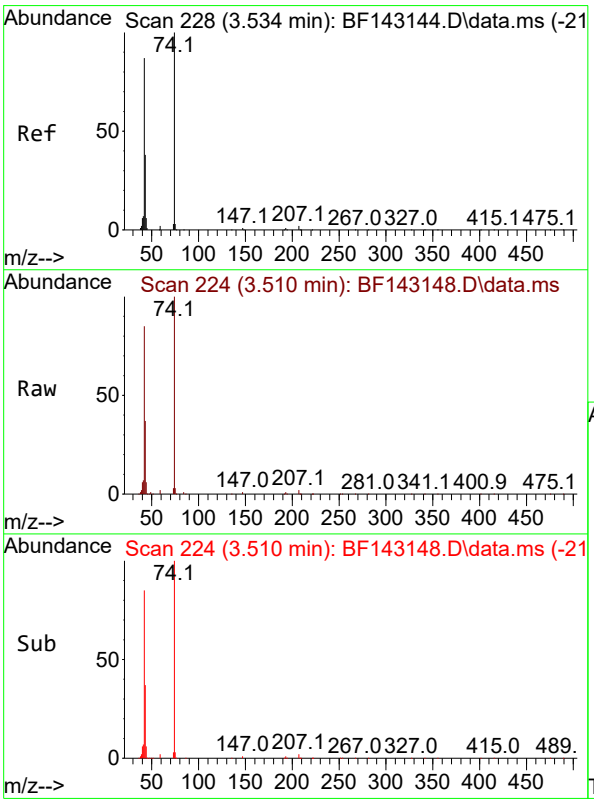
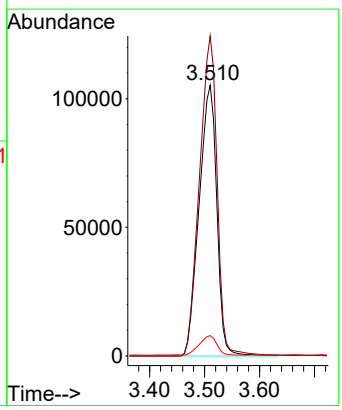
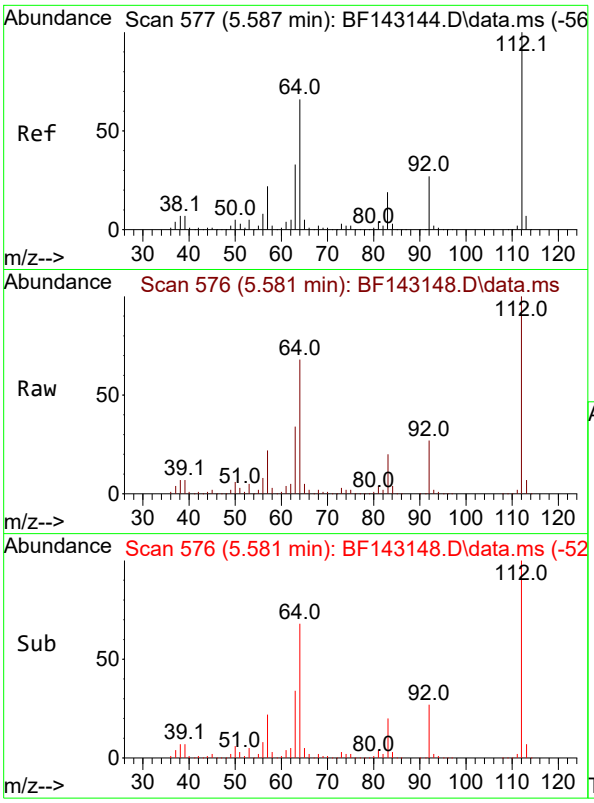


#4
n-Nitrosodimethylamine
Concen: 40.802 ng
RT: 3.510 min Scan# 224
Delta R.T. -0.024 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 42 Resp: 235215

Ion	Ratio	Lower	Upper
42	100		
74	118.1	91.7	137.5
44	7.5	5.6	8.4

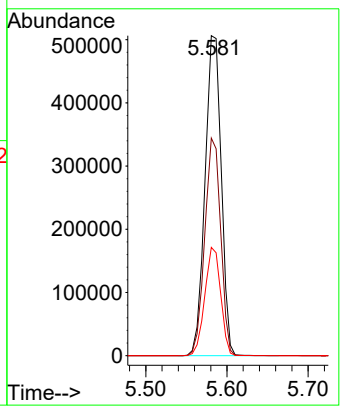




#5
2-Fluorophenol
Concen: 77.143 ng
RT: 5.581 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:112 Resp: 70133

Ion	Ratio	Lower	Upper
112	100		
64	68.0	53.1	79.7
63	33.9	26.6	40.0



Instrument :
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ClientSampleId :
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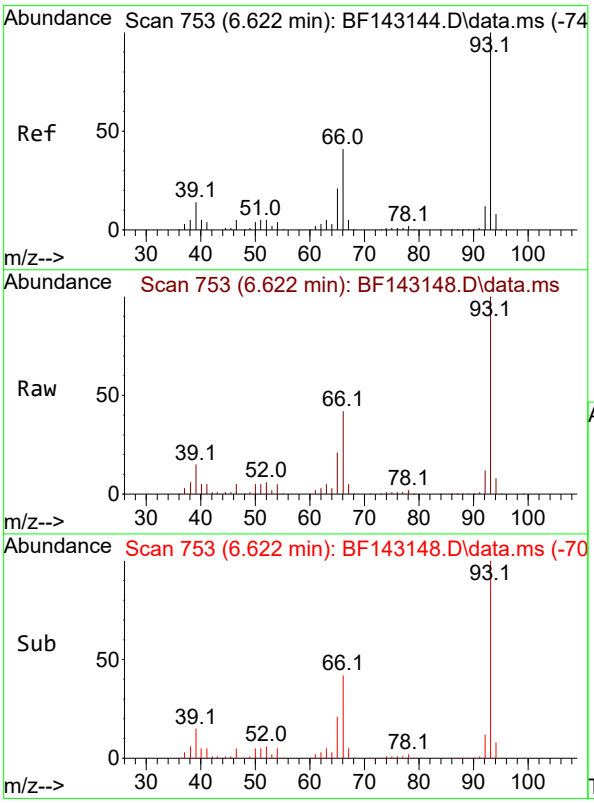
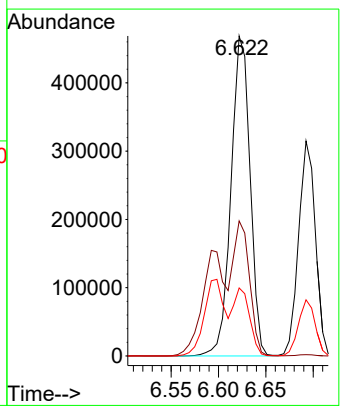
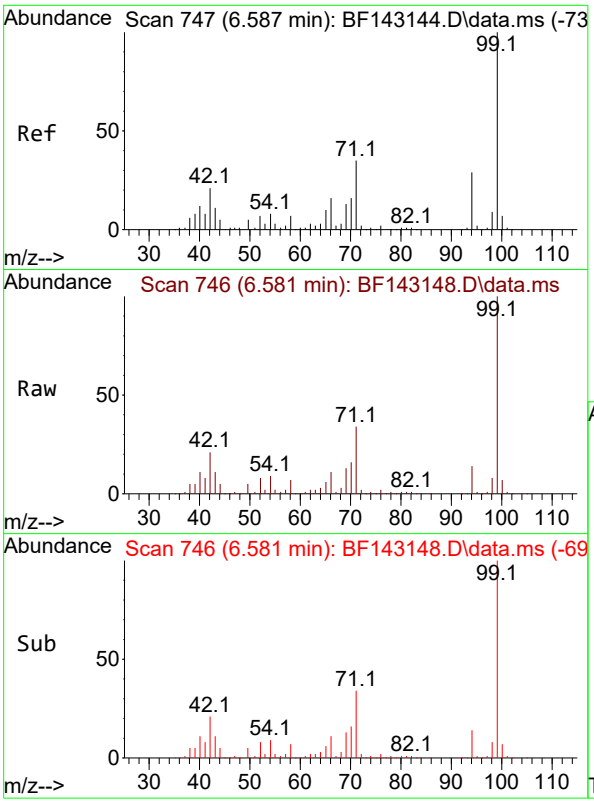


#6
Aniline
Concen: 41.078 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 93 Resp: 655116

Ion	Ratio	Lower	Upper
93	100		
66	42.2	33.2	49.8
65	21.3	16.9	25.3

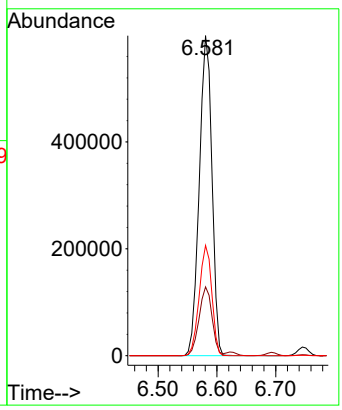




#7
Phenol-d6
Concen: 78.133 ng
RT: 6.581 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 99 Resp: 89408

Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.0	25.6
71	34.5	27.7	41.5



Instrument :
BNA_F
ClientSampleId :
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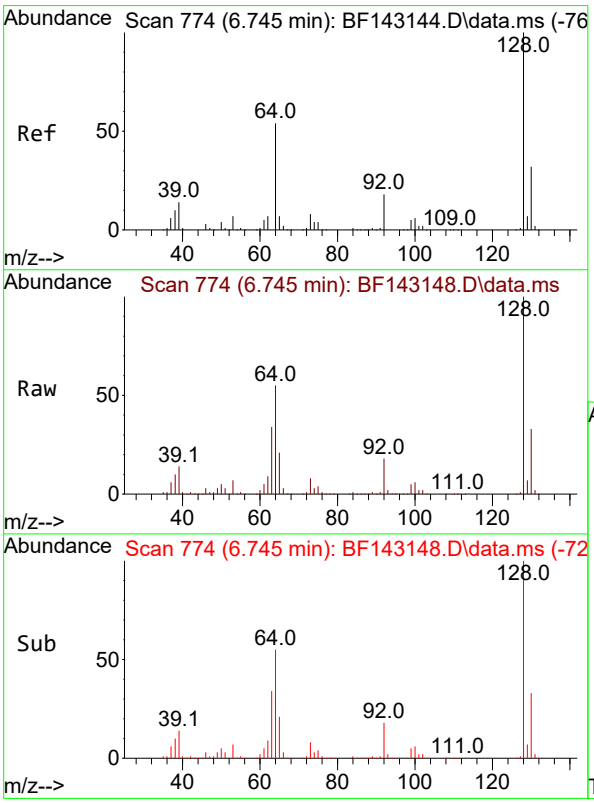
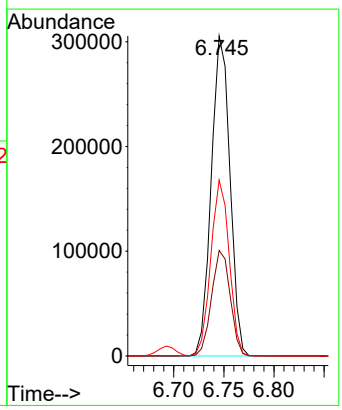
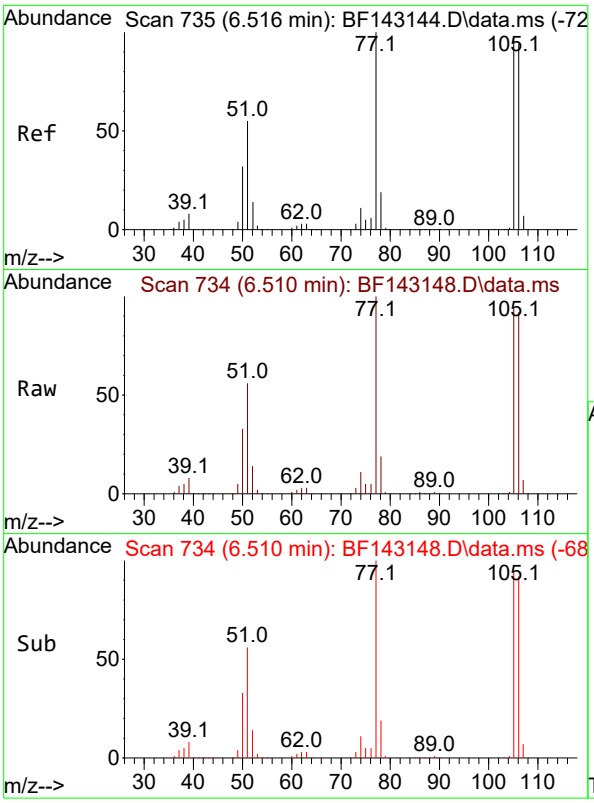


#8
2-Chlorophenol
Concen: 41.530 ng
RT: 6.745 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:128 Resp: 395767

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.3	52.3
64	54.9	35.9	75.9

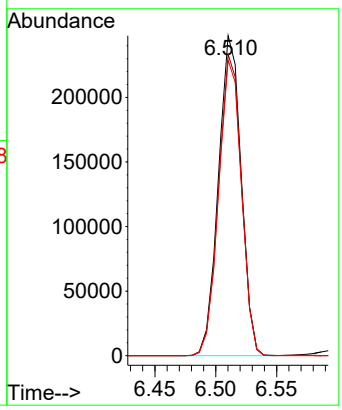




#9
Benzaldehyde
Concen: 37.441 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 77 Resp: 32126

Ion	Ratio	Lower	Upper
77	100		
105	94.2	76.8	116.8
106	92.4	74.4	114.4



Instrument :
BNA_F
ClientSampleId :
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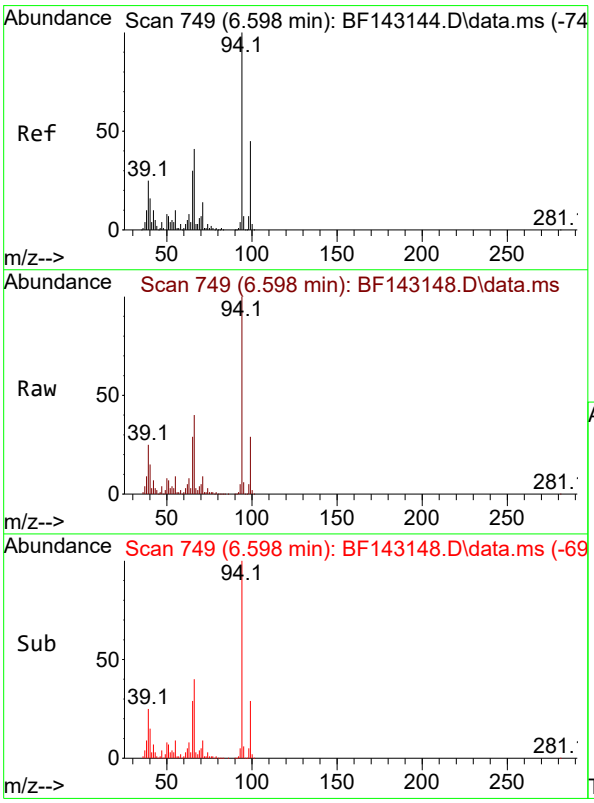
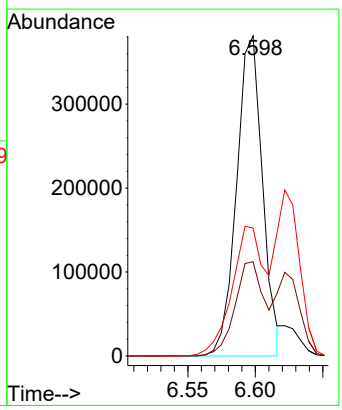
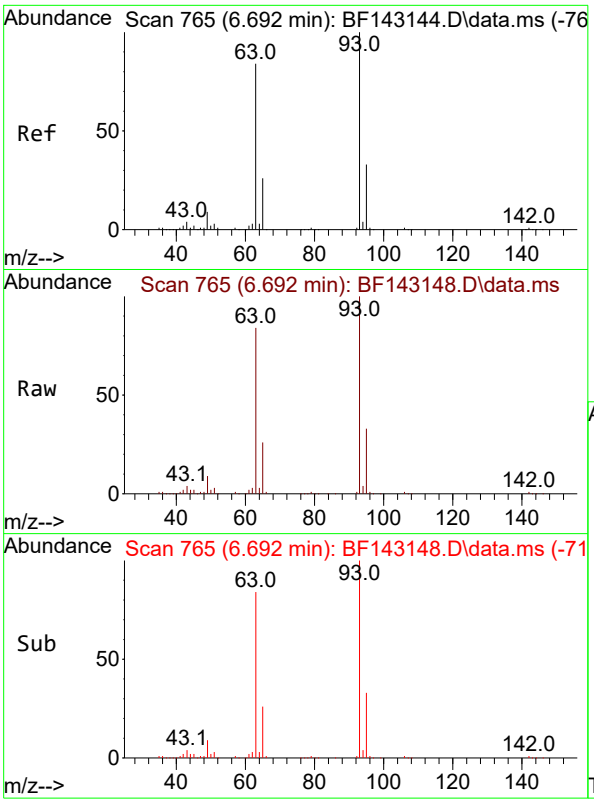


#10
Phenol
Concen: 40.827 ng m
RT: 6.598 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 94 Resp: 508952

Ion	Ratio	Lower	Upper
94	100		
65	29.4	10.0	50.0
66	40.0	20.8	60.8

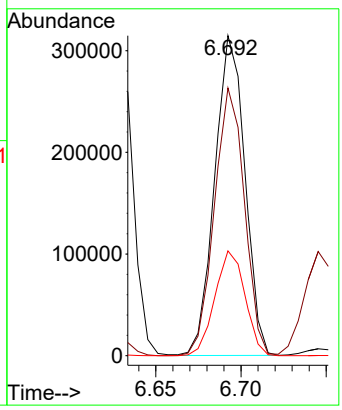




#11
bis(2-Chloroethyl)ether
Concen: 40.628 ng
RT: 6.692 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 93 Resp: 38779

Ion	Ratio	Lower	Upper
93	100		
63	83.7	63.4	103.4
95	32.7	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
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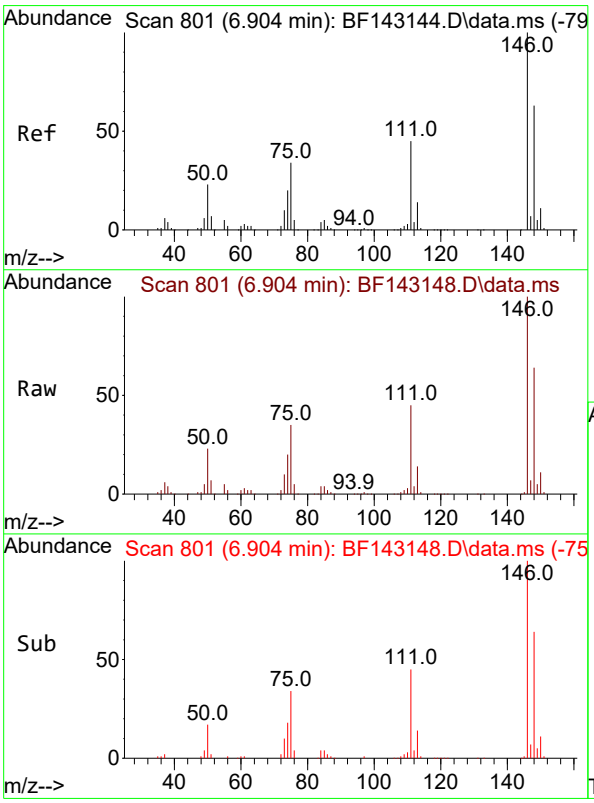
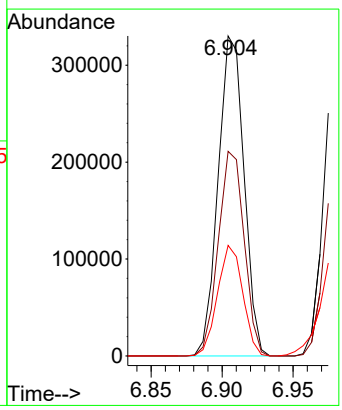
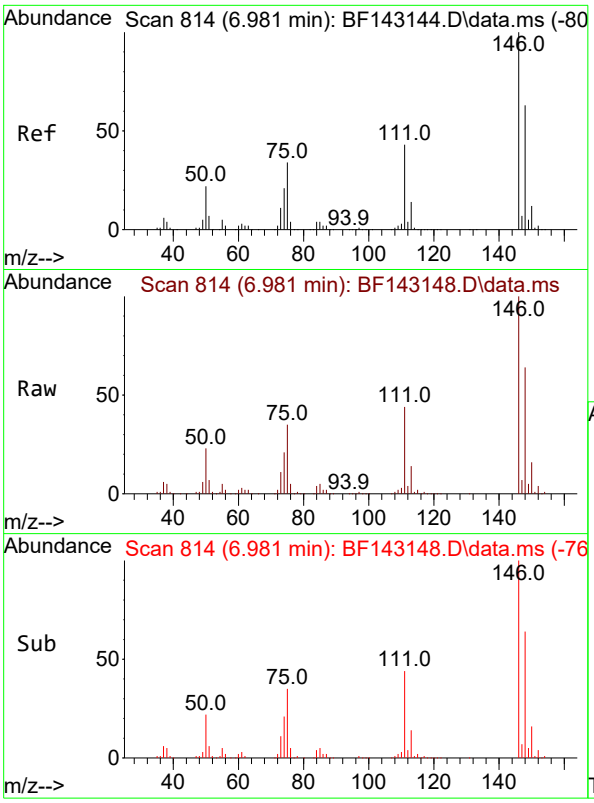


#12
1,3-Dichlorobenzene
Concen: 40.400 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:146 Resp: 418232

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	76.0
75	34.6	27.4	41.2

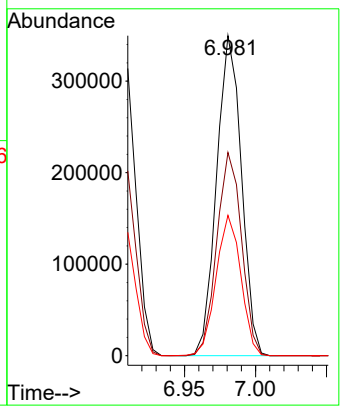




#13
1,4-Dichlorobenzene
Concen: 40.731 ng
RT: 6.981 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:146 Resp: 42462

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.3	75.5
111	43.8	34.4	51.6



Instrument :
BNA_F
ClientSampleId :
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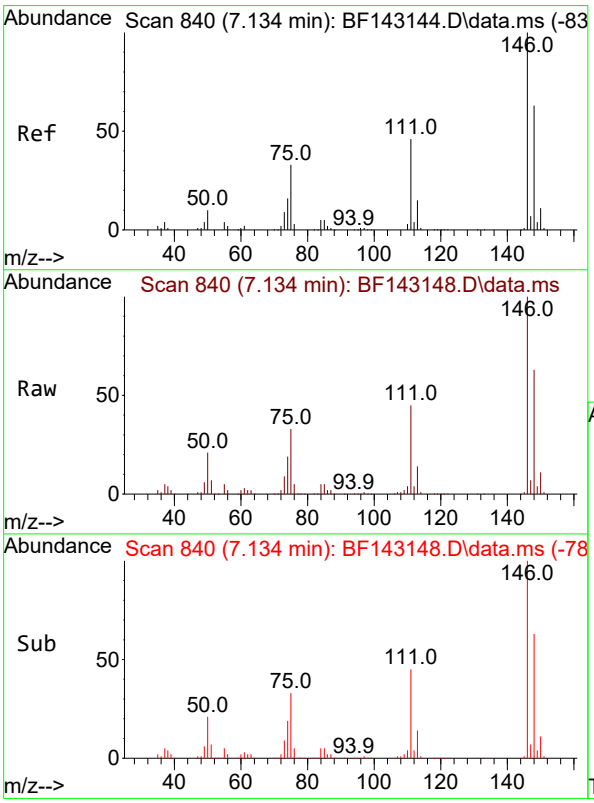
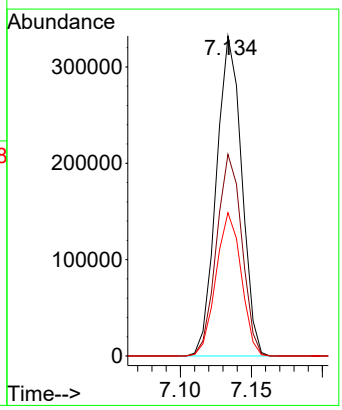
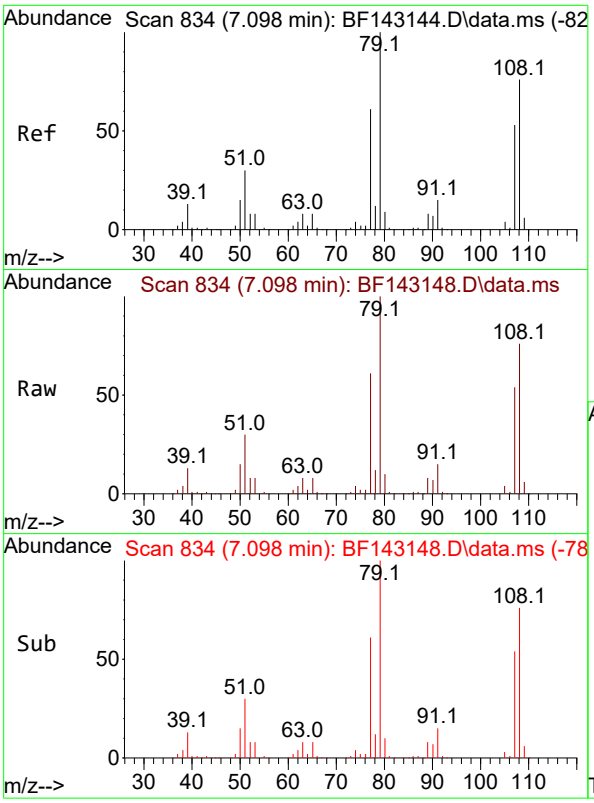


#14
1,2-Dichlorobenzene
Concen: 41.506 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:146 Resp: 411560

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.7	76.1
111	44.8	36.6	54.8

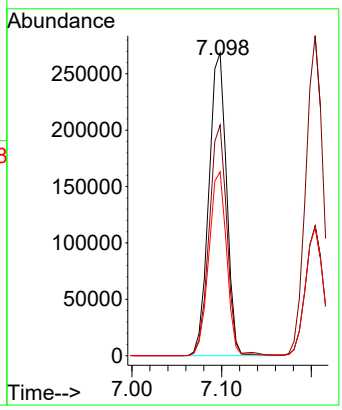




#15
Benzyl Alcohol
Concen: 41.958 ng
RT: 7.098 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 79 Resp: 36660

Ion	Ratio	Lower	Upper
79	100		
108	76.2	61.1	91.7
77	60.8	48.9	73.3



Instrument :
BNA_F
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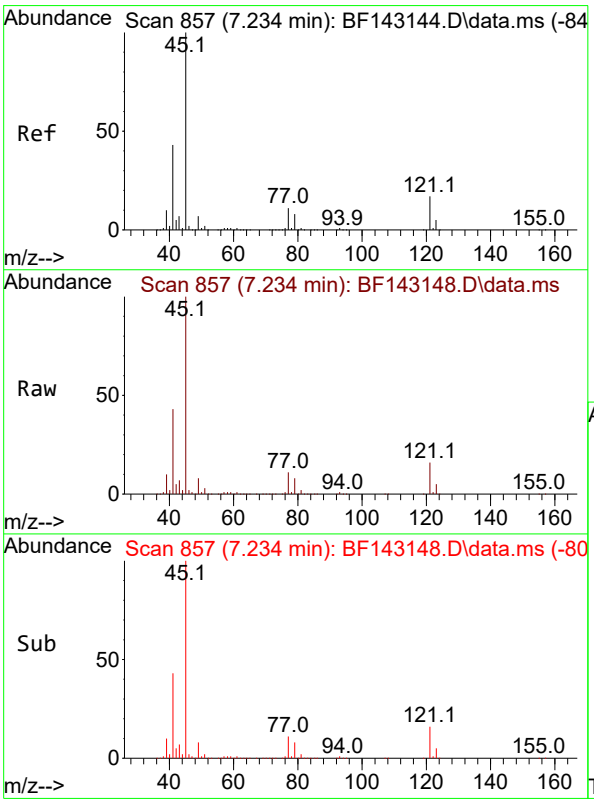
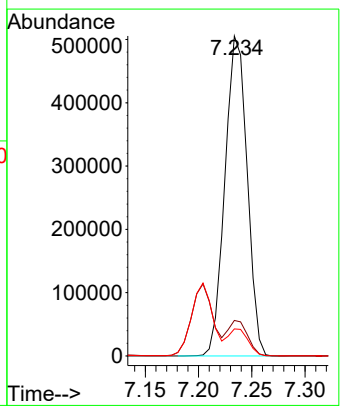
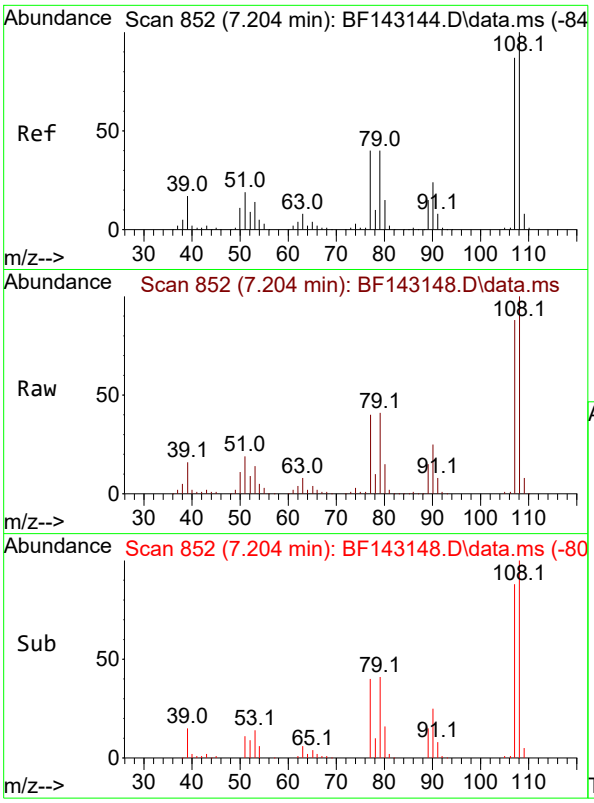


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.357 ng
RT: 7.234 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 45 Resp: 732274

Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	31.2
79	8.5	0.0	28.5

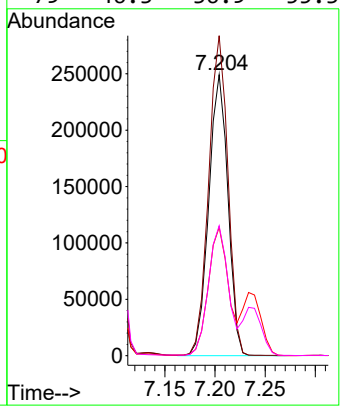




#17
2-Methylphenol
Concen: 41.398 ng
RT: 7.204 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:107 Resp: 33170

Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.8	137.6
77	45.7	37.0	55.6
79	46.3	36.9	55.3



Instrument :
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ClientSampleId :
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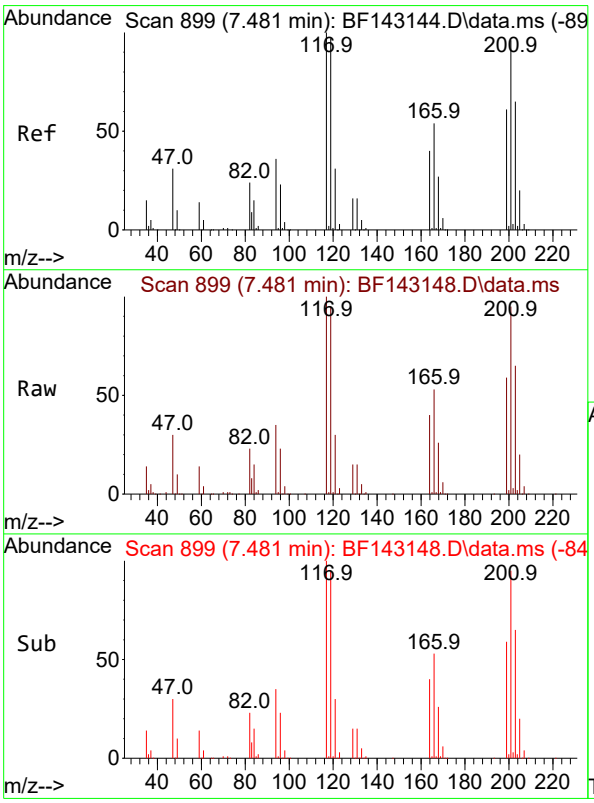
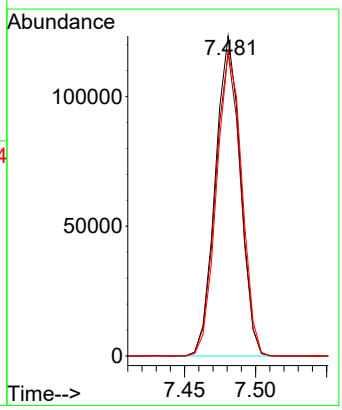
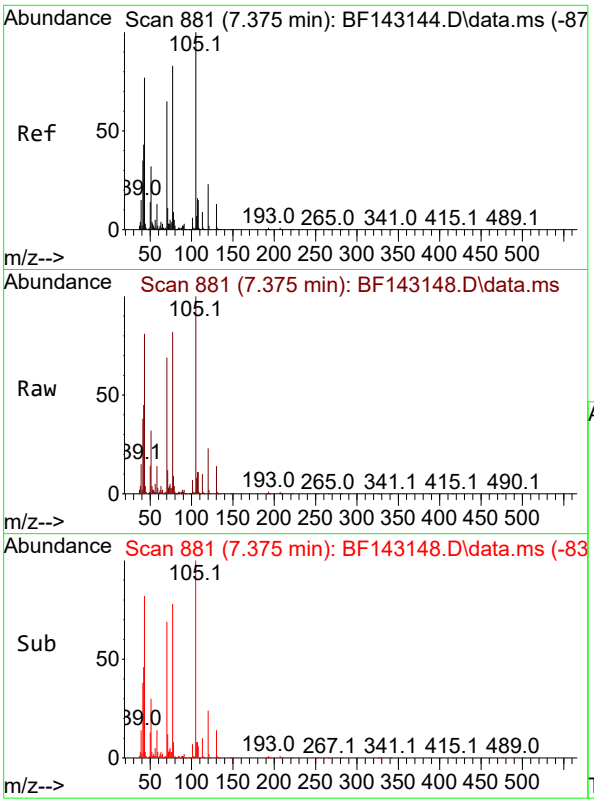


#18
Hexachloroethane
Concen: 41.903 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:117 Resp: 151232

Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.8	116.8
201	95.2	77.0	115.4

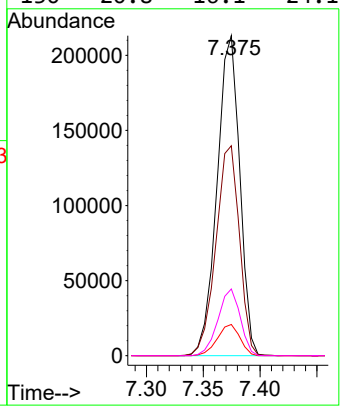




#19
n-Nitroso-di-n-propylamine
Concen: 40.342 ng
RT: 7.375 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 70 Resp: 29617

Ion	Ratio	Lower	Upper
70	100		
42	65.6	52.5	78.7
101	9.8	7.6	11.4
130	20.8	16.1	24.1



Instrument :
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ClientSampleId :
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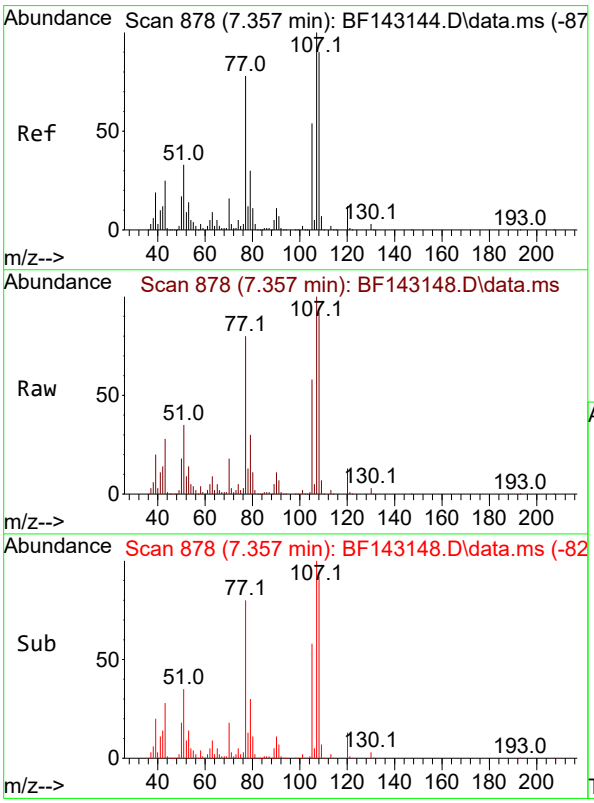
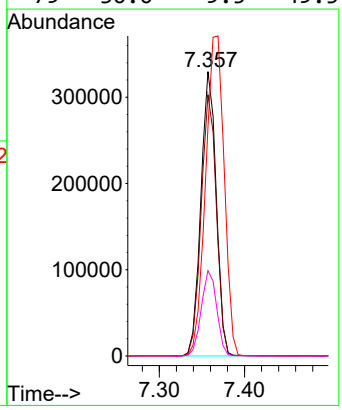
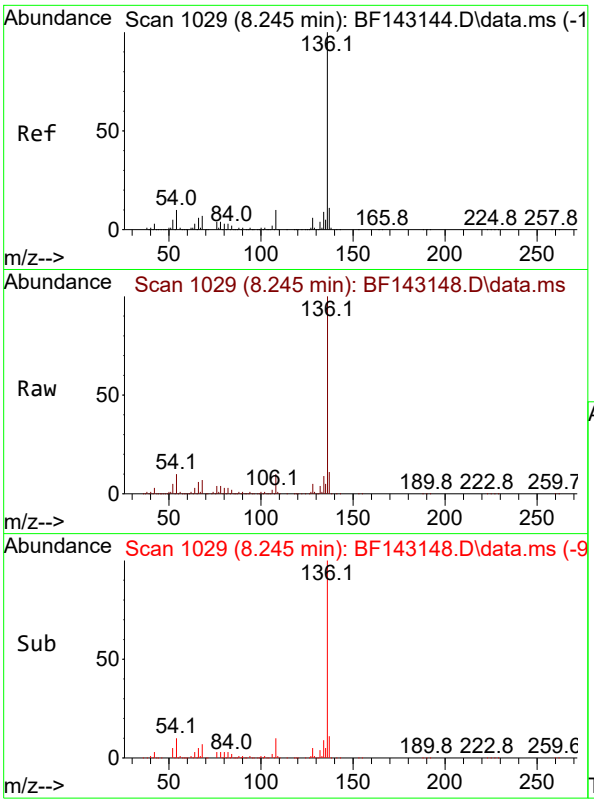


#20
3+4-Methylphenols
Concen: 42.387 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:107 Resp: 412065

Ion	Ratio	Lower	Upper
107	100		
108	91.8	70.0	110.0
77	80.5	57.8	97.8
79	30.0	9.5	49.5

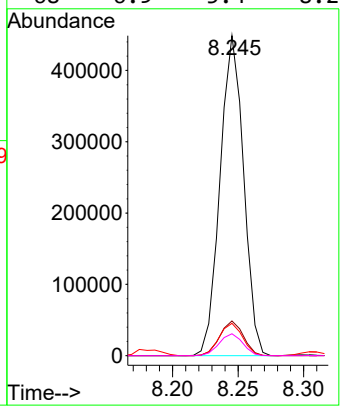




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:136 Resp: 55967

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.1	8.2	12.2
68	6.9	5.4	8.2



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

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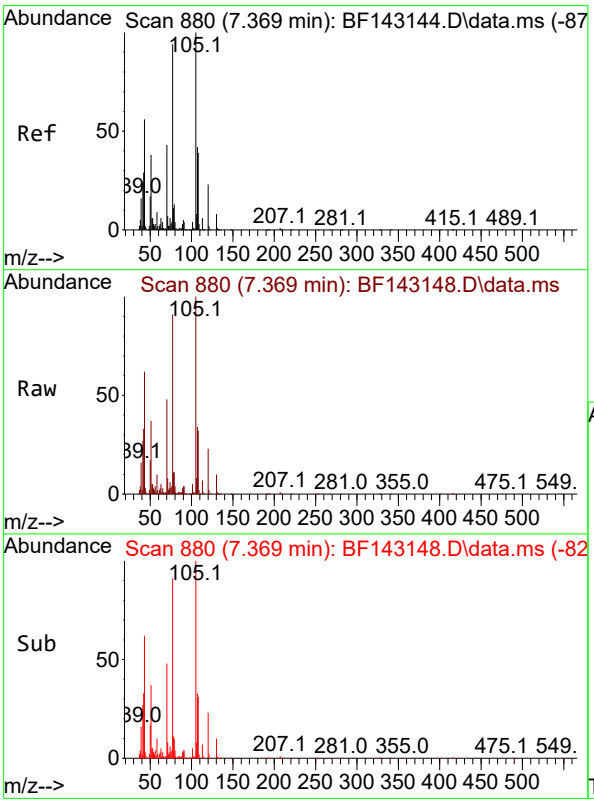
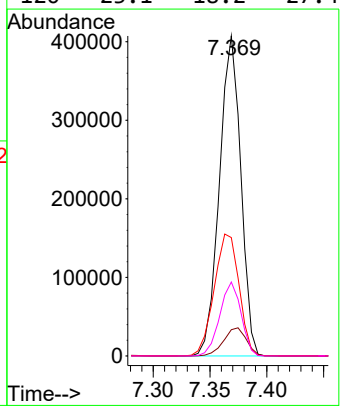
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

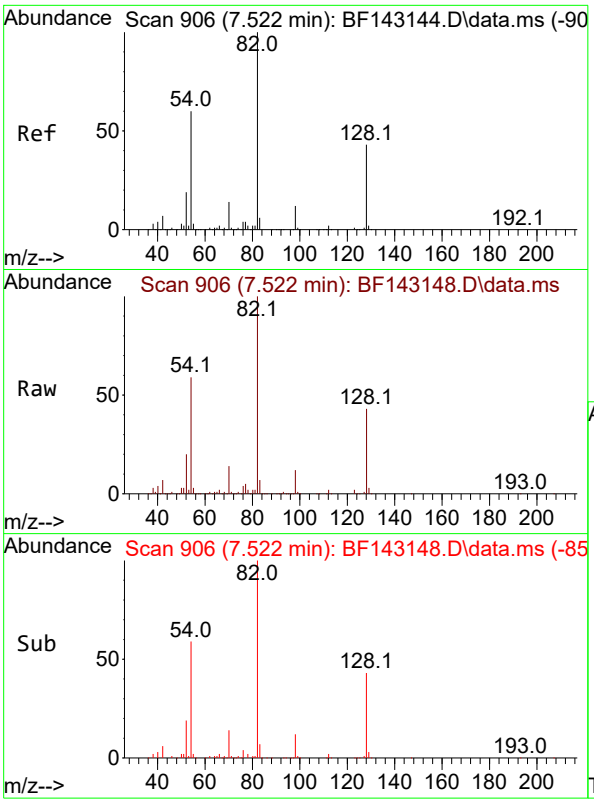


#22
Acetophenone
Concen: 40.260 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:105 Resp: 533464

Ion	Ratio	Lower	Upper
105	100		
71	8.2	5.8	8.6
51	37.0	30.2	45.2
120	23.1	18.2	27.4





#23
Nitrobenzene-d5
Concen: 72.247 ng
RT: 7.522 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 82 Resp: 81117

Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.6	50.4
54	58.9	47.1	70.7

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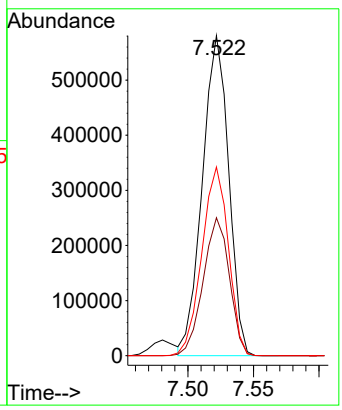
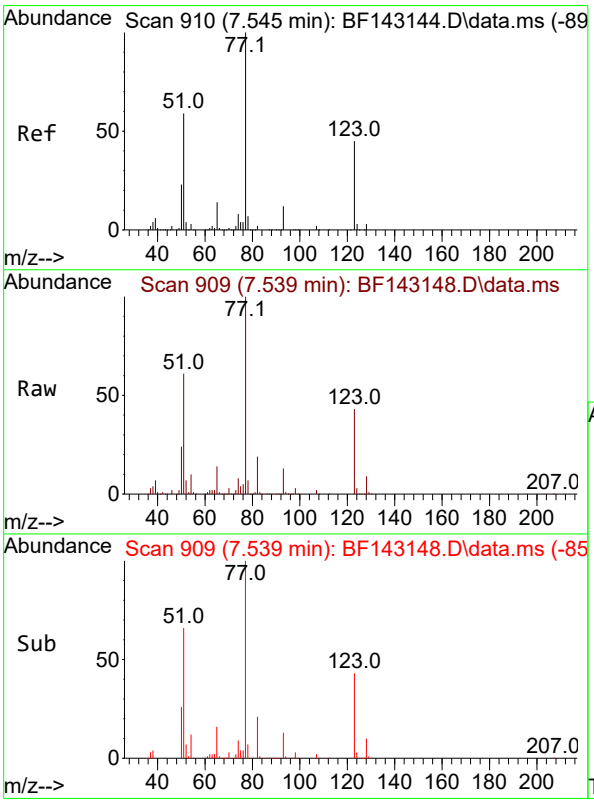
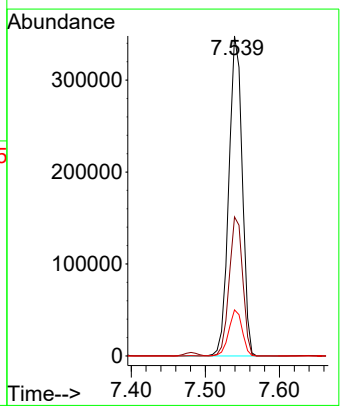


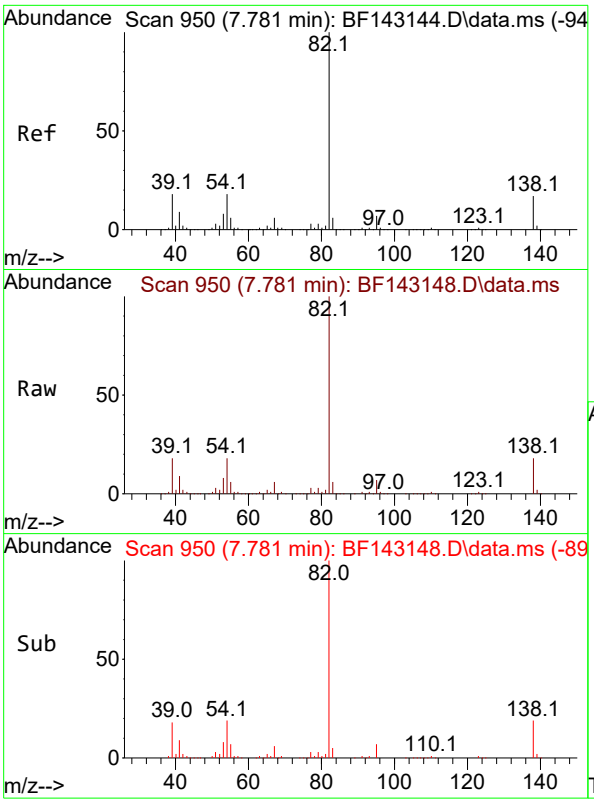


#24
Nitrobenzene
Concen: 41.731 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 77 Resp: 436834

Ion	Ratio	Lower	Upper
77	100		
123	43.5	36.1	54.1
65	14.4	11.4	17.2

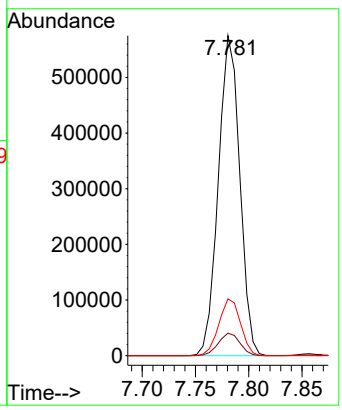




#25
Isophorone
Concen: 40.567 ng
RT: 7.781 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 82 Resp: 80407

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.5	8.3
138	17.8	13.8	20.8



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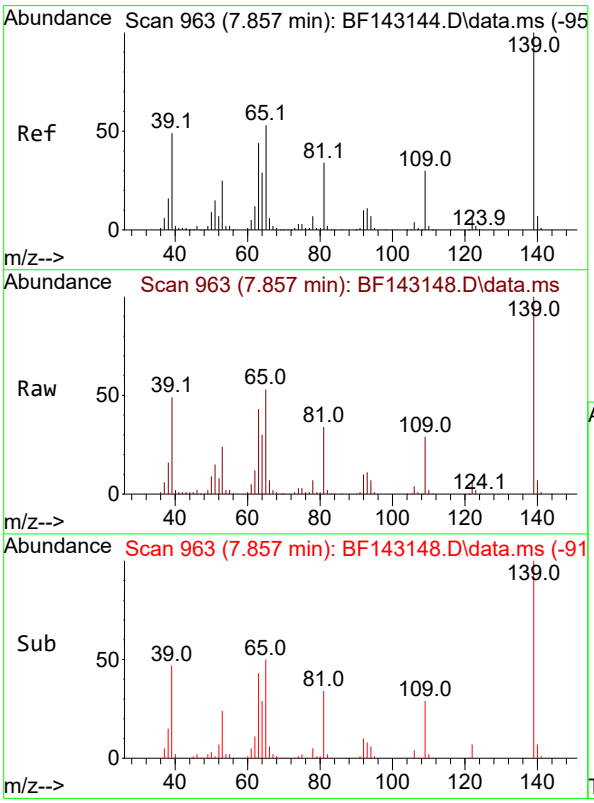
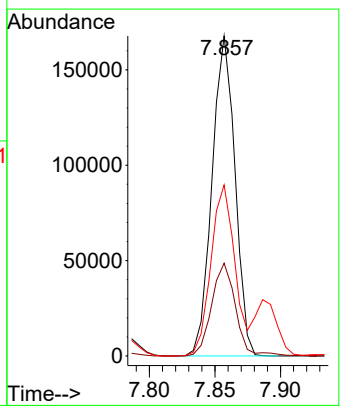
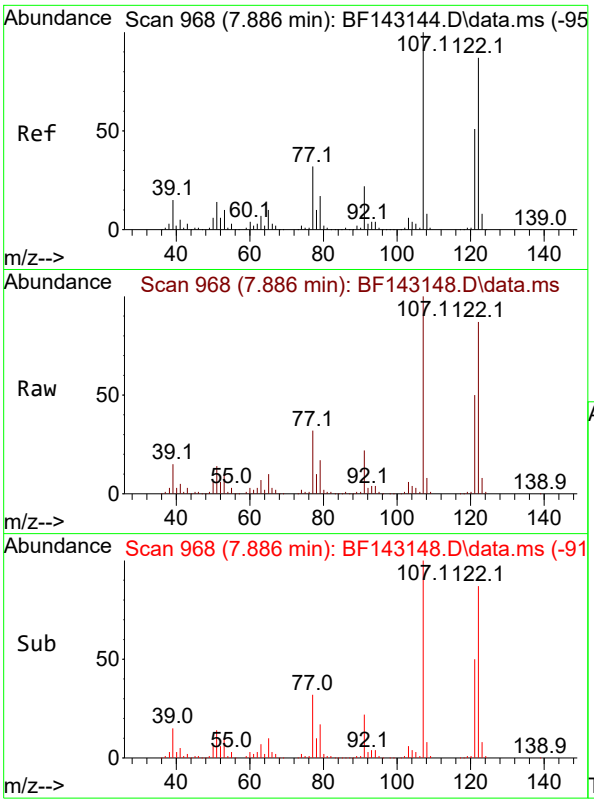


#26
2-Nitrophenol
Concen: 44.896 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:139 Resp: 203967

Ion	Ratio	Lower	Upper
139	100		
109	29.0	23.6	35.4
65	53.4	42.6	64.0

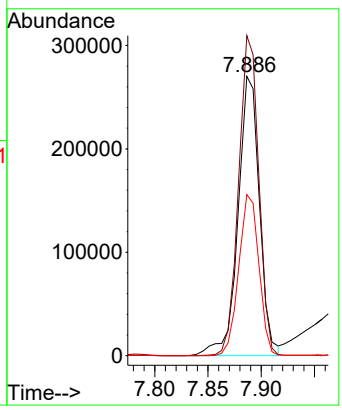




#27
2,4-Dimethylphenol
Concen: 40.773 ng
RT: 7.886 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:122 Resp: 37757

Ion	Ratio	Lower	Upper
122	100		
107	114.6	91.8	137.6
121	57.7	46.3	69.5



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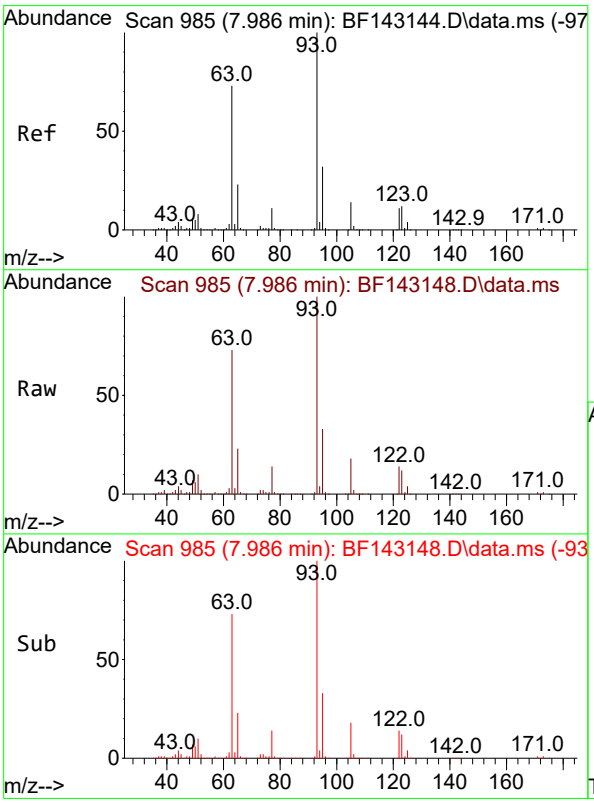
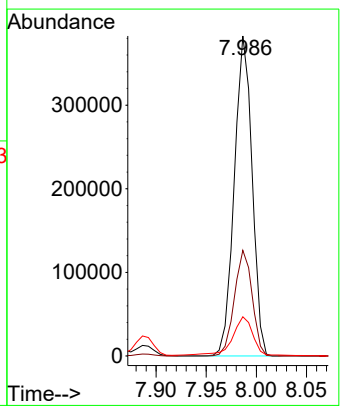
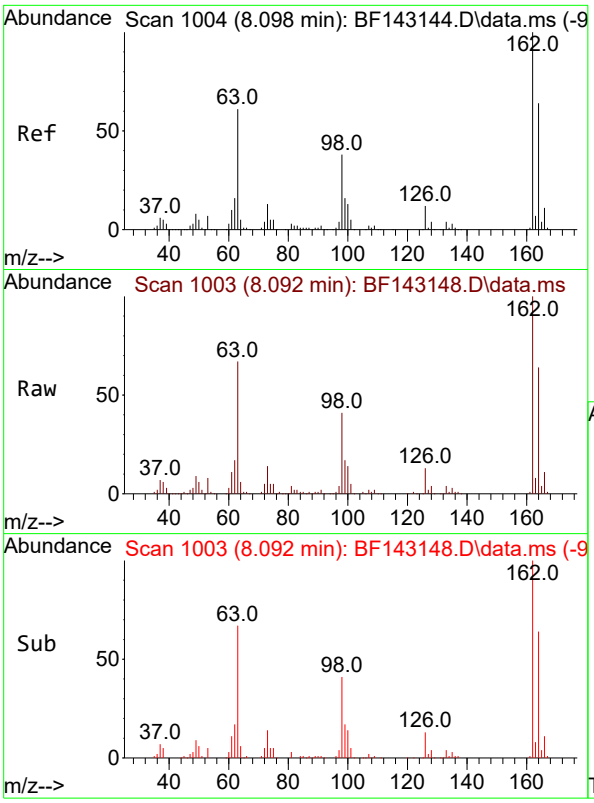


#28
bis(2-Chloroethoxy)methane
Concen: 39.939 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 93 Resp: 474637

Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.8	38.6
123	12.2	9.7	14.5

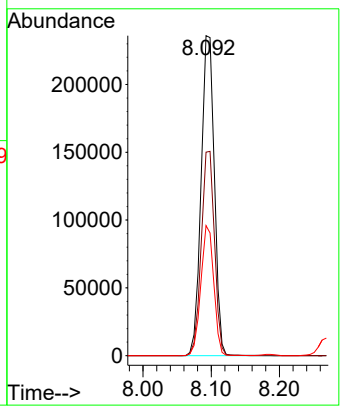




#29
2,4-Dichlorophenol
Concen: 40.875 ng
RT: 8.092 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:162 Resp: 31921

Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.2	84.2
98	40.7	17.9	57.9



Instrument :
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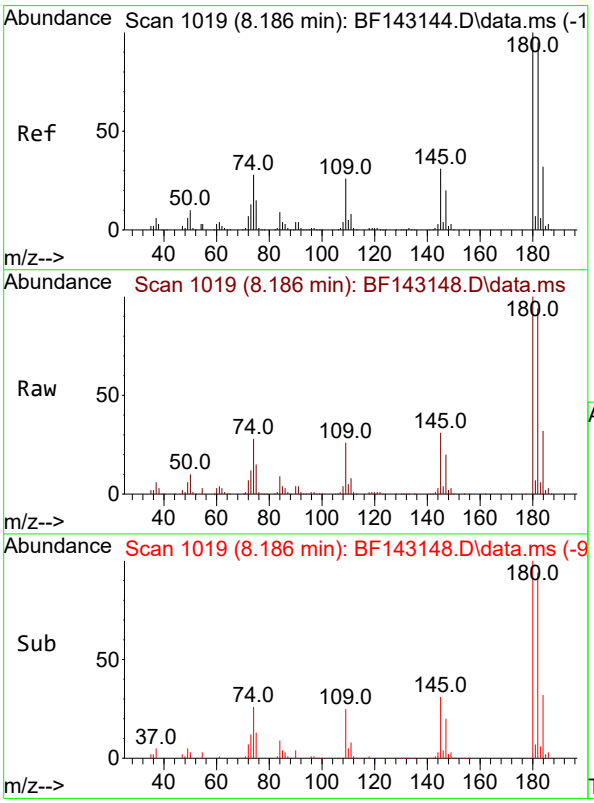
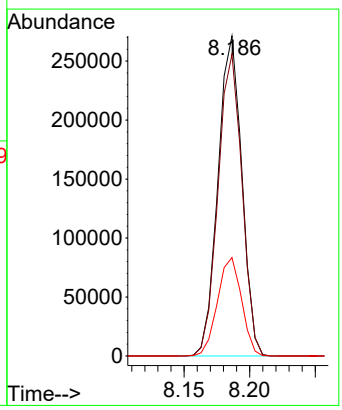
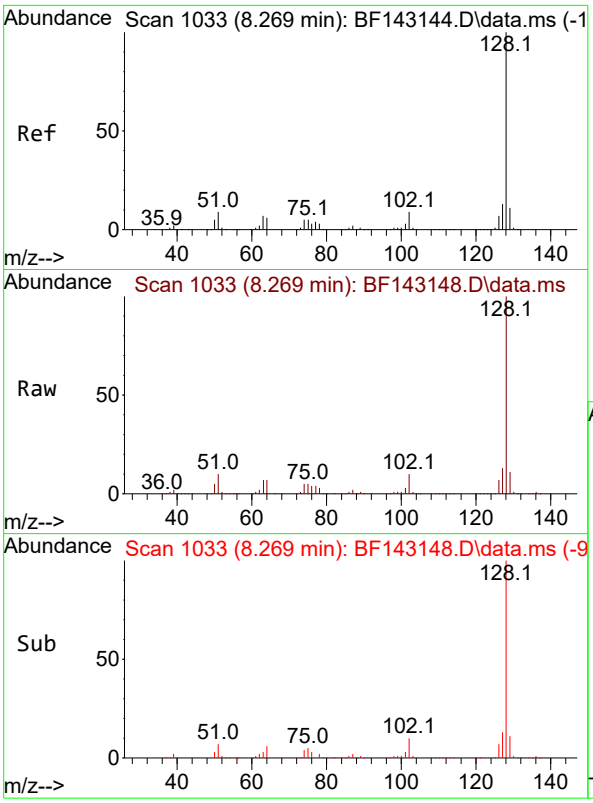


#30
1,2,4-Trichlorobenzene
Concen: 40.551 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:180 Resp: 342135

Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.2	114.2
145	30.8	25.0	37.6

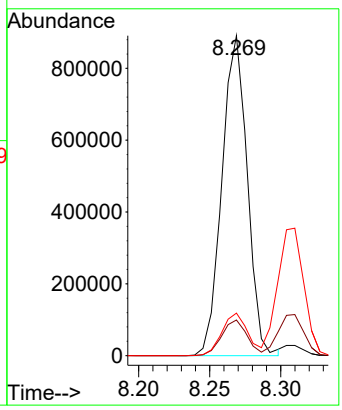




#31
Naphthalene
Concen: 40.143 ng
RT: 8.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:128 Resp: 110648

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.3	10.6	16.0



Instrument :
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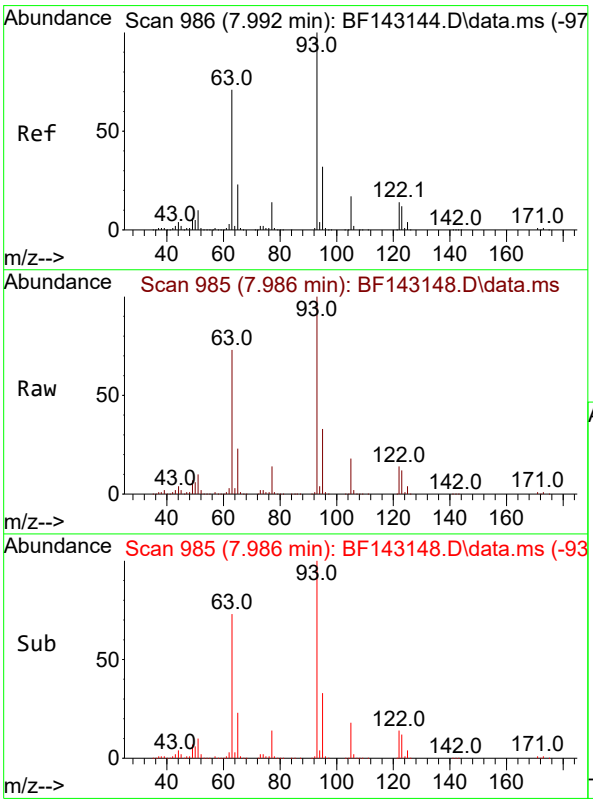
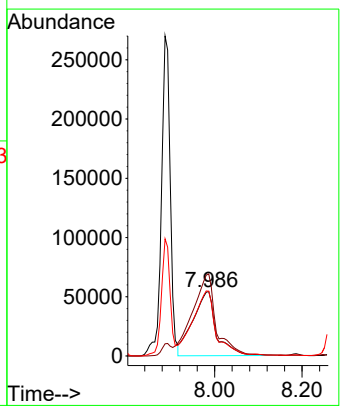
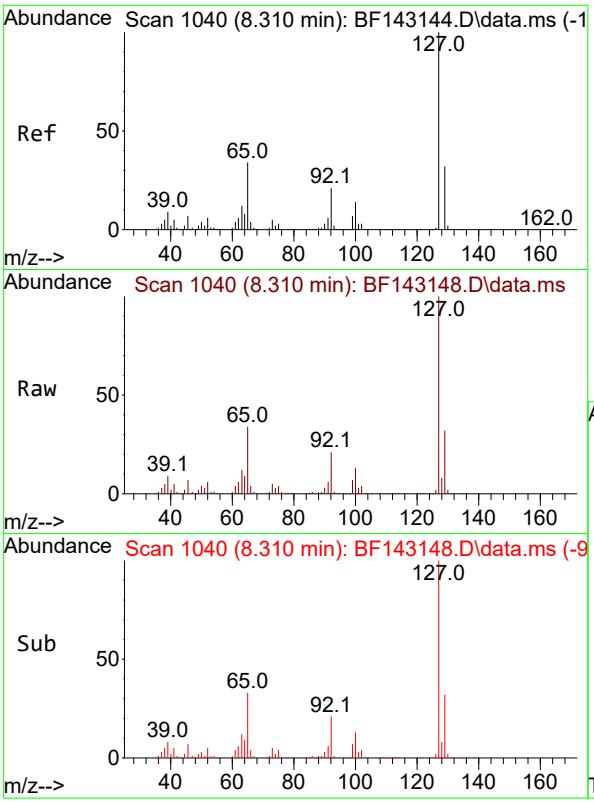


#32
Benzoic acid
Concen: 39.782 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:122 Resp: 202337

Ion	Ratio	Lower	Upper
122	100		
105	127.2	104.8	144.8
77	100.3	77.6	117.6

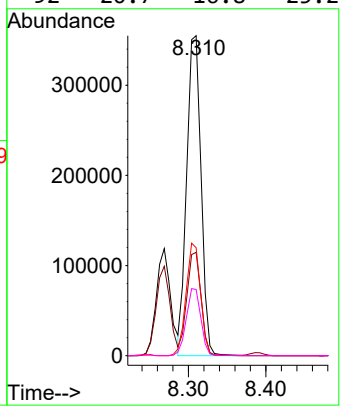




#33
4-Chloroaniline
Concen: 40.671 ng
RT: 8.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:127 Resp: 45774

Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.0	39.0
65	33.8	27.4	41.2
92	20.7	16.8	25.2



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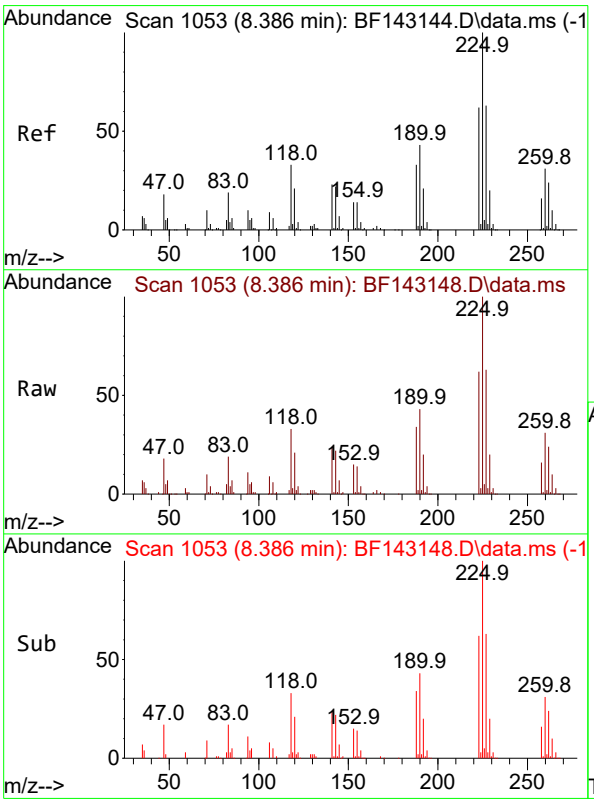
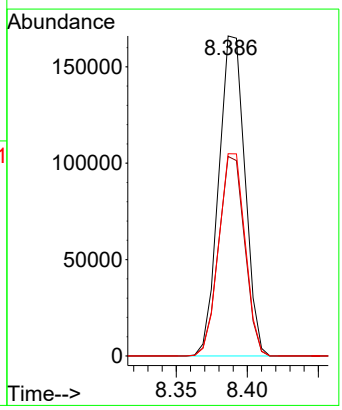
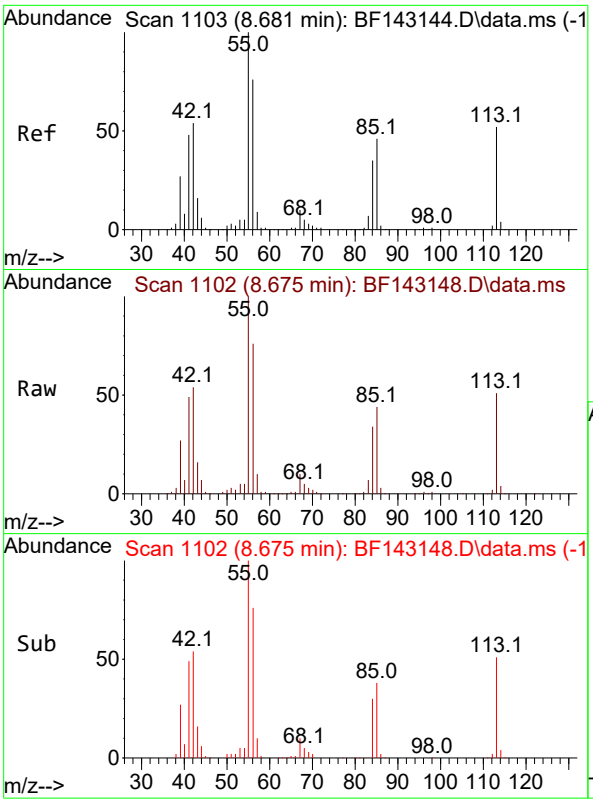


#34
Hexachlorobutadiene
Concen: 41.284 ng
RT: 8.386 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:225 Resp: 212781

Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.6
227	63.2	50.2	75.4

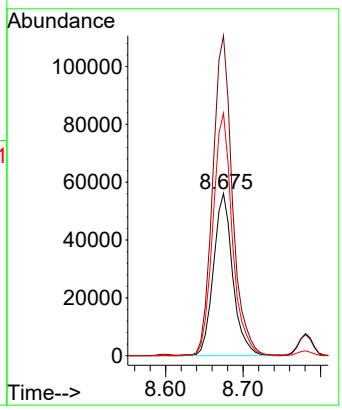




#35
Caprolactam
Concen: 40.959 ng
RT: 8.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:113 Resp: 9666

Ion	Ratio	Lower	Upper
113	100		
55	197.3	174.0	214.0
56	149.4	126.6	166.6



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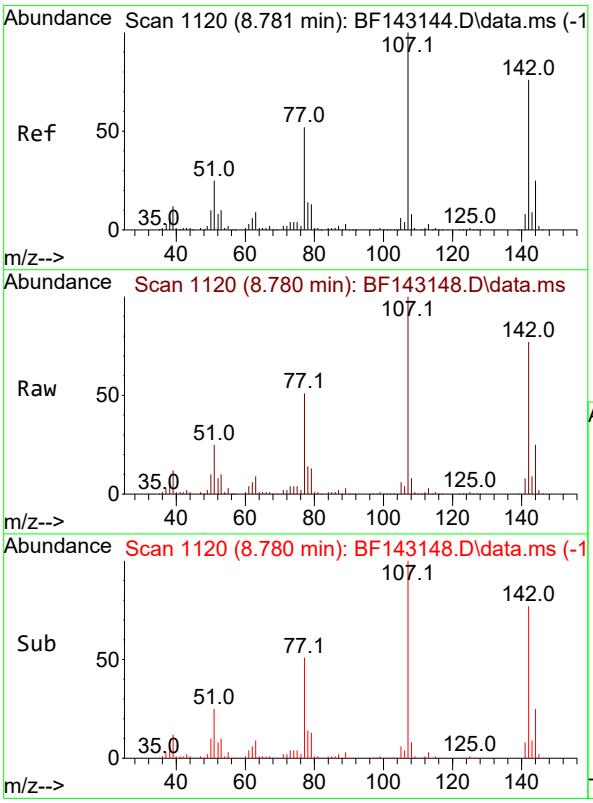
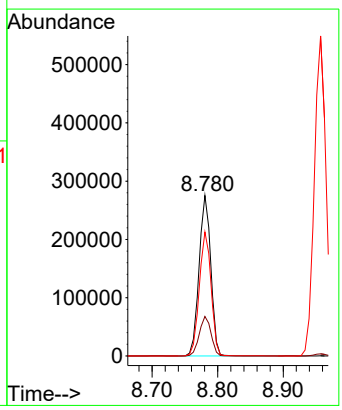
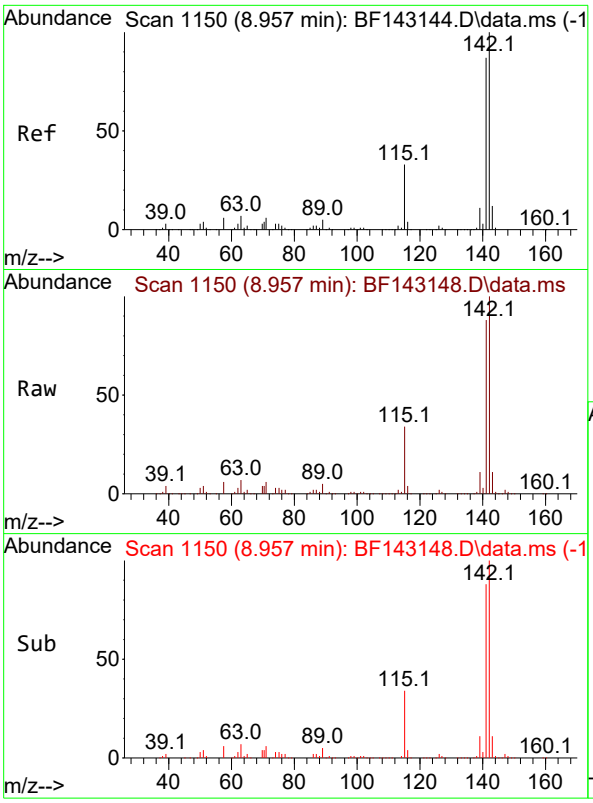


#36
4-Chloro-3-methylphenol
Concen: 40.611 ng
RT: 8.780 min Scan# 1120
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:107 Resp: 344726

Ion	Ratio	Lower	Upper
107	100		
144	24.6	19.8	29.6
142	77.3	60.6	90.8





#37
2-Methylnaphthalene
Concen: 40.279 ng
RT: 8.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:142 Resp: 67559

Ion	Ratio	Lower	Upper
142	100		
141	87.6	69.9	104.9

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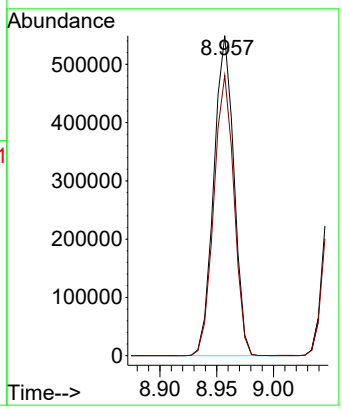
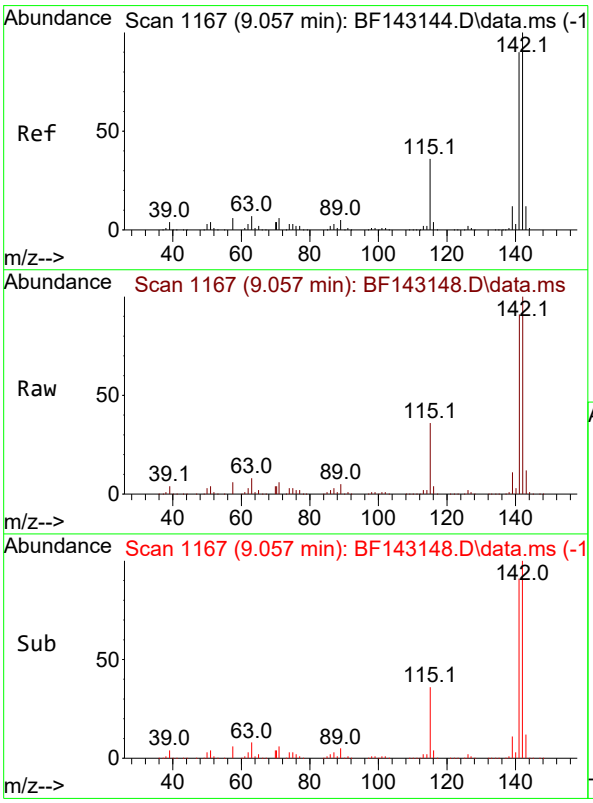
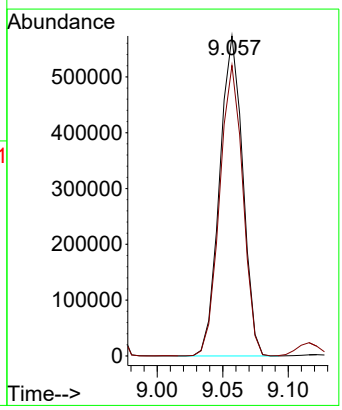


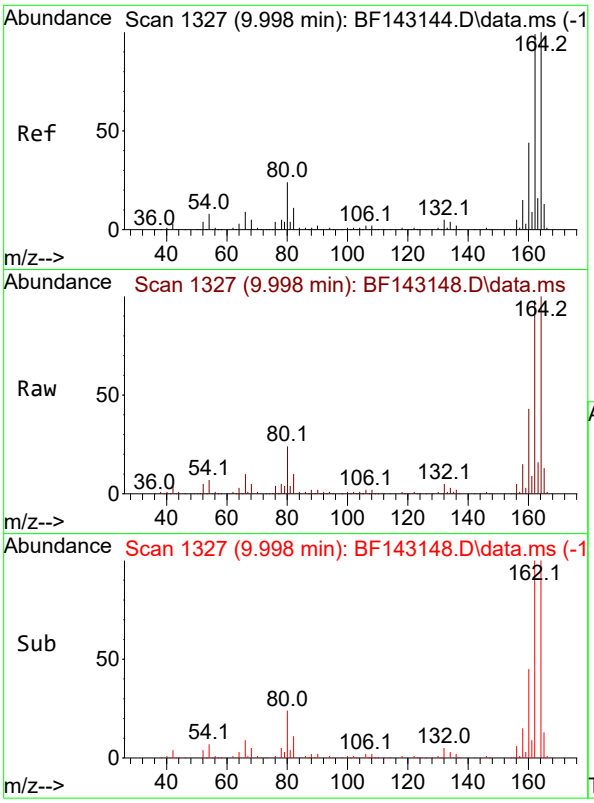


#38
1-Methylnaphthalene
Concen: 40.712 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:142 Resp: 703170

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.3	108.5

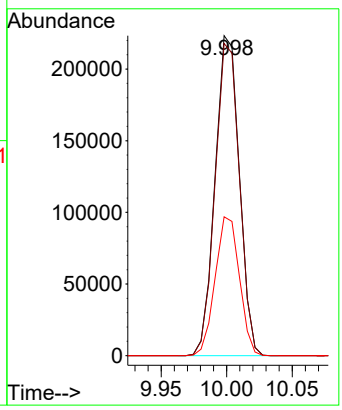




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:164 Resp: 28725

Ion	Ratio	Lower	Upper
164	100		
162	97.5	79.0	118.6
160	43.4	35.1	52.7



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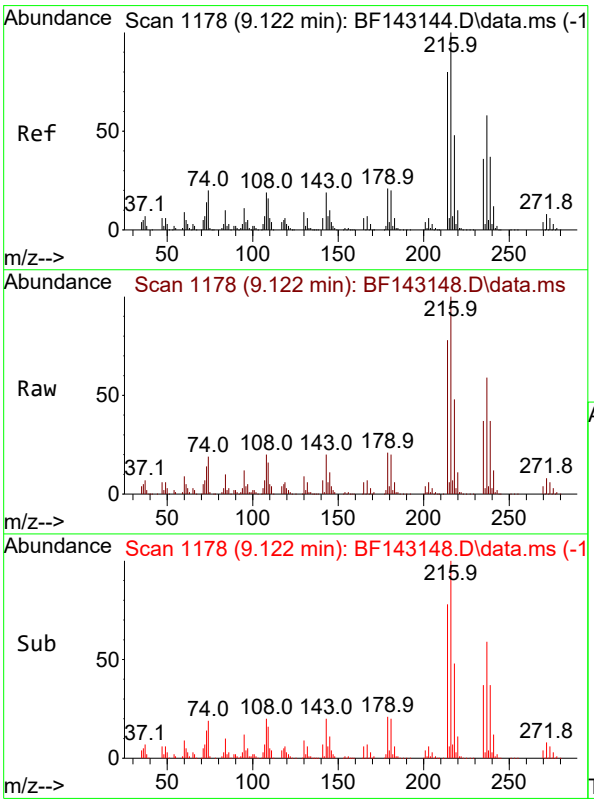
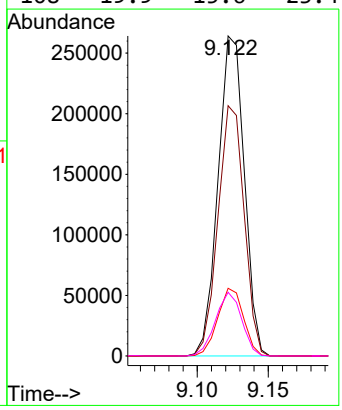
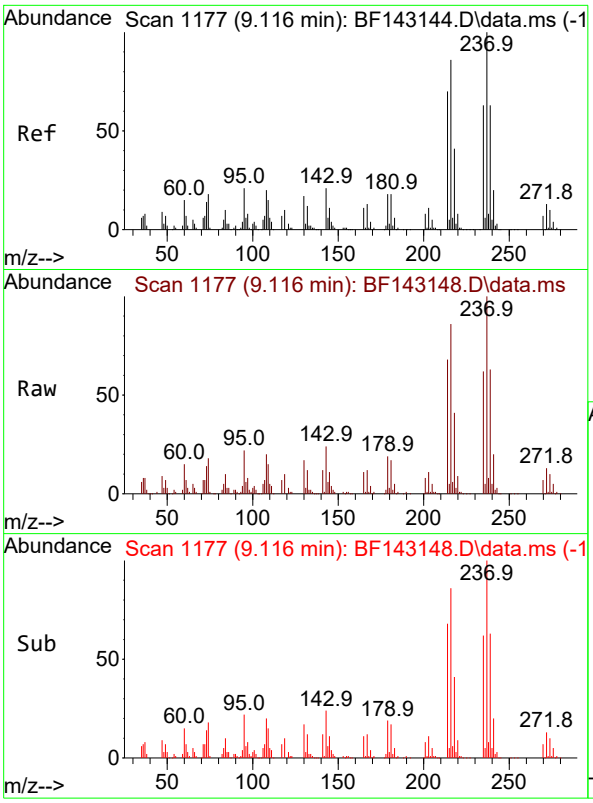


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.944 ng
RT: 9.122 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:216 Resp: 339567

Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.8	95.8
179	20.8	16.4	24.6
108	19.9	15.6	23.4

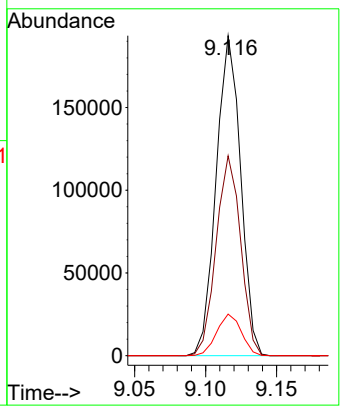




#41
Hexachlorocyclopentadiene
Concen: 42.872 ng
RT: 9.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:237 Resp: 23134

Ion	Ratio	Lower	Upper
237	100		
235	62.5	43.0	83.0
272	13.0	0.0	33.3



Instrument :
BNA_F
ClientSampleId :
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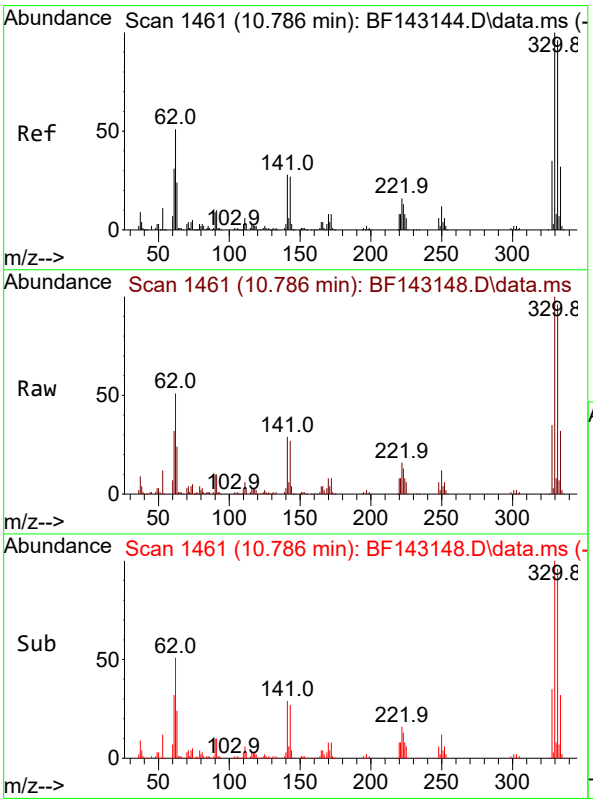
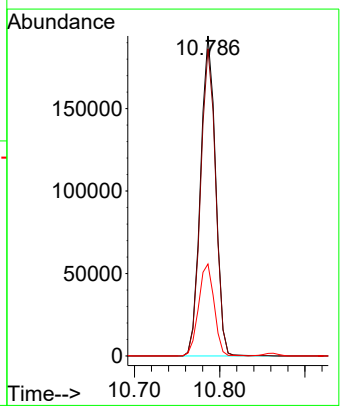
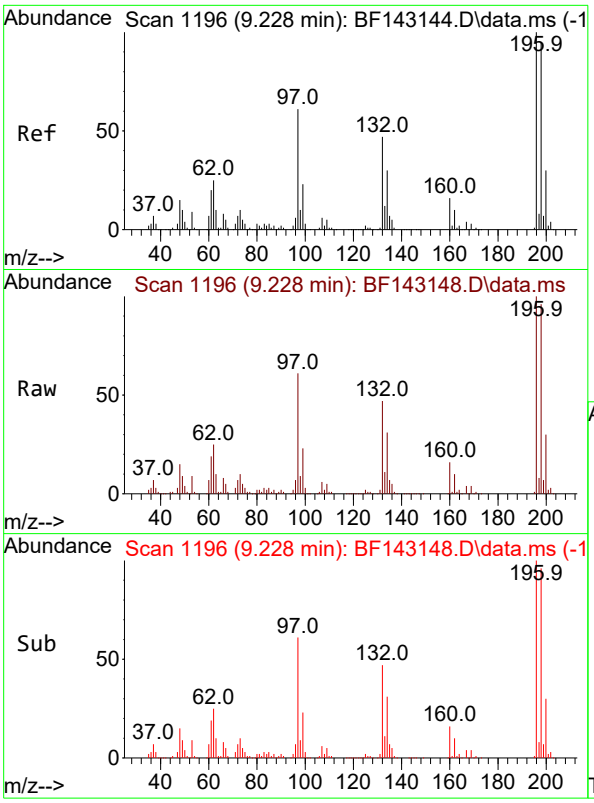


#42
2,4,6-Tribromophenol
Concen: 79.969 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:330 Resp: 237309

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.7	115.1
141	29.8	23.3	34.9

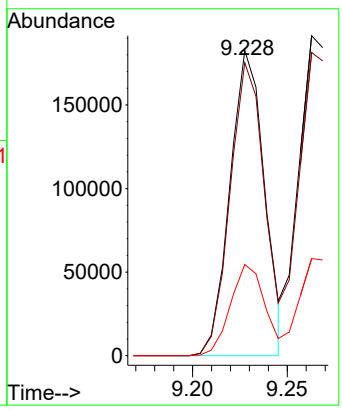




#43
2,4,6-Trichlorophenol
Concen: 40.253 ng
RT: 9.228 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:196 Resp: 2310

Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.2	114.2
200	29.9	23.9	35.9



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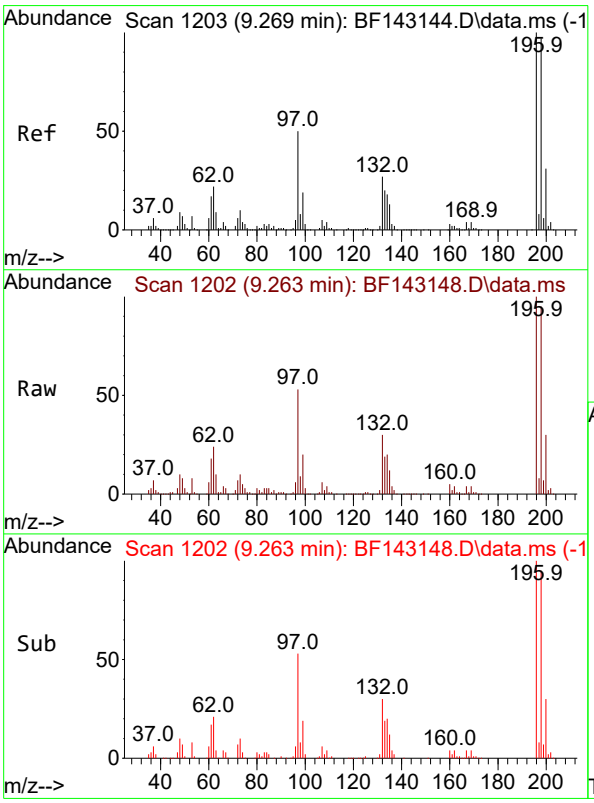
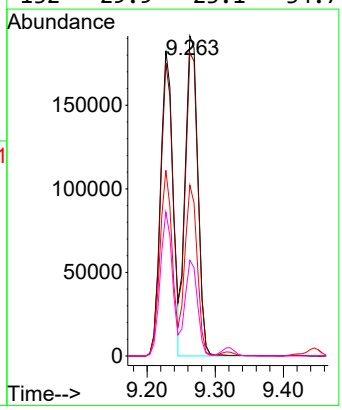
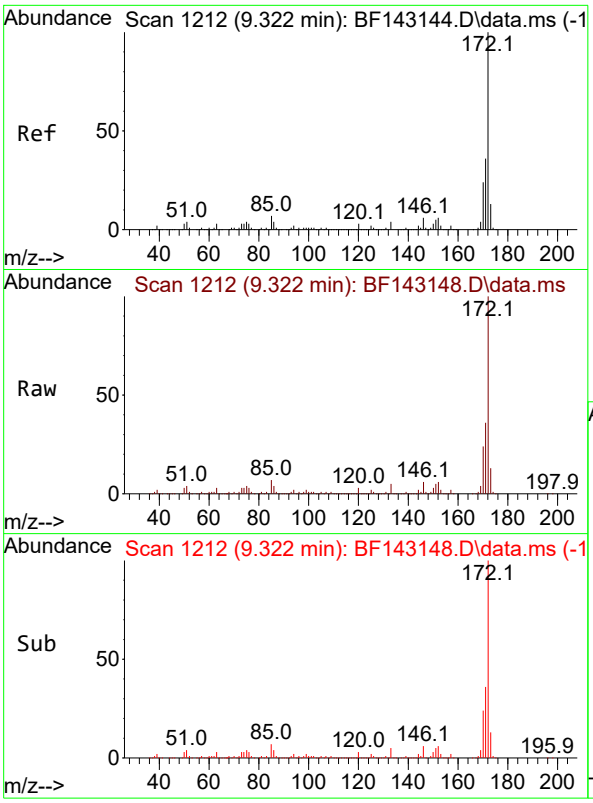


#44
2,4,5-Trichlorophenol
Concen: 42.989 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:196 Resp: 246820

Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.3	115.9
97	53.3	40.3	60.5
132	29.9	23.1	34.7

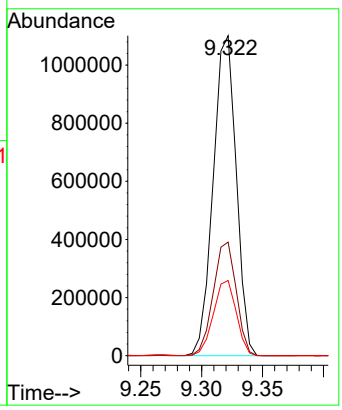




#45
2-Fluorobiphenyl
Concen: 68.992 ng
RT: 9.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:172 Resp: 144909

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	23.5	18.8	28.2



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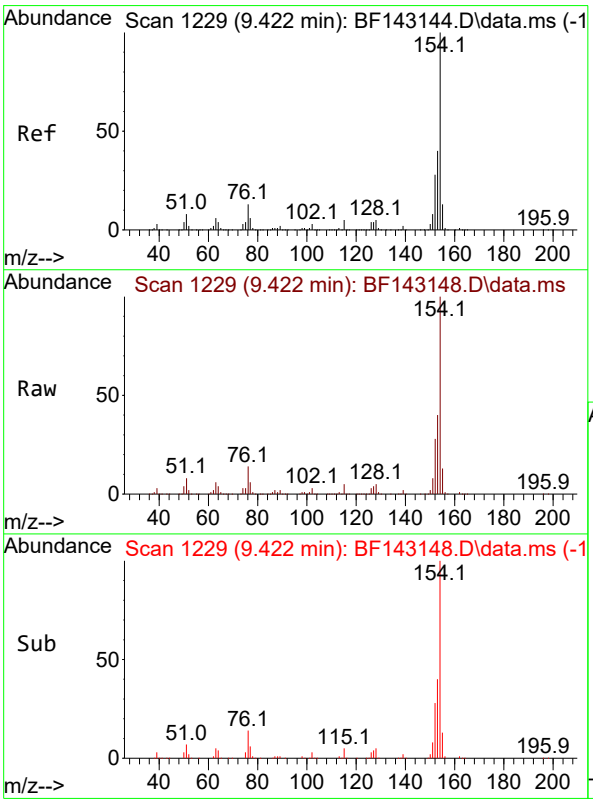
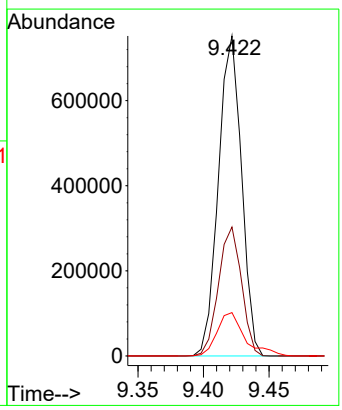
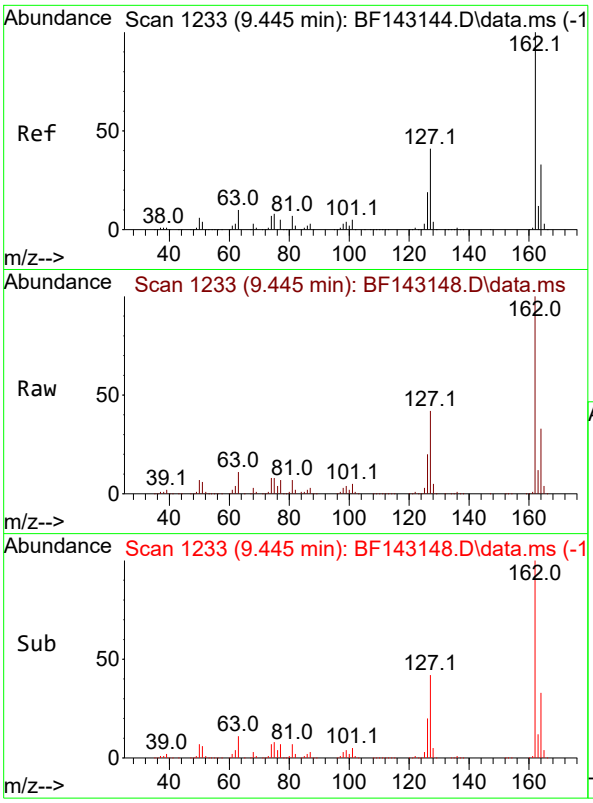


#46
1,1'-Biphenyl
Concen: 41.053 ng
RT: 9.422 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:154 Resp: 920059

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.3	60.3
76	13.5	0.0	33.3

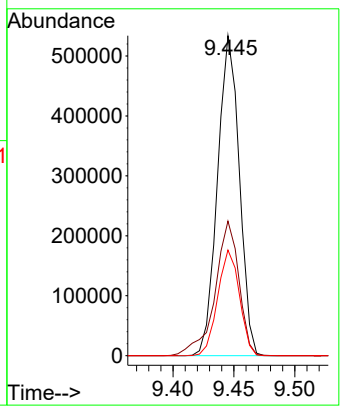




#47
2-Chloronaphthalene
Concen: 40.184 ng
RT: 9.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:162 Resp: 66635

Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.4	50.2
164	33.0	26.2	39.2



Instrument :
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ClientSampleId :
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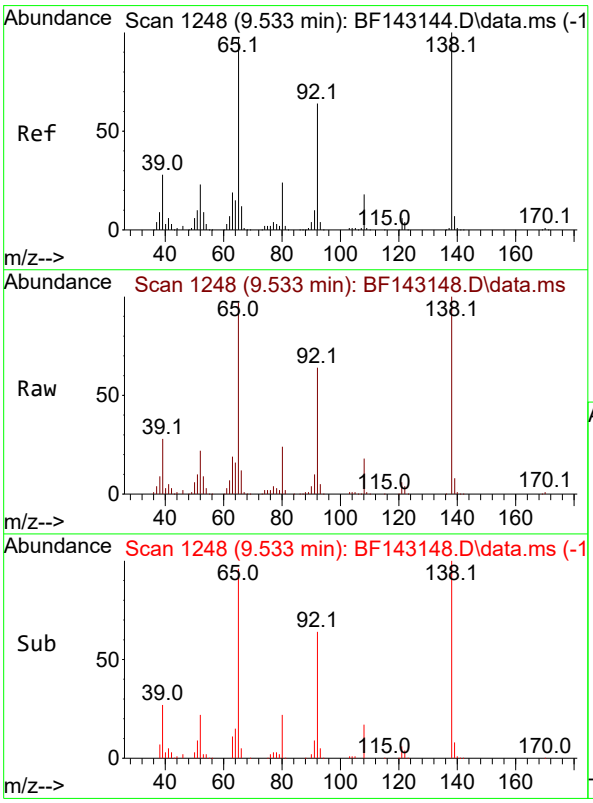
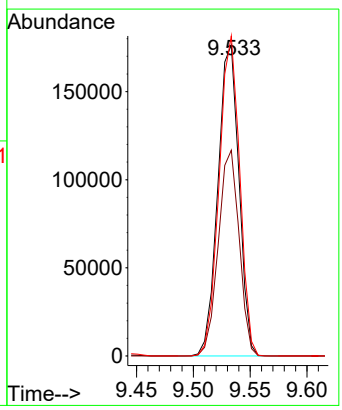
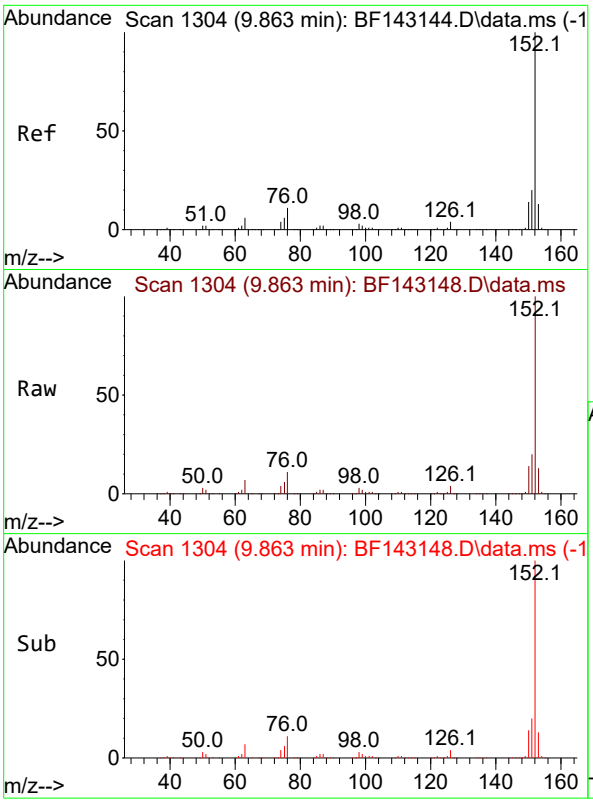


#48
2-Nitroaniline
Concen: 43.723 ng
RT: 9.533 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 65 Resp: 227376

Ion	Ratio	Lower	Upper
65	100		
92	66.2	52.4	78.6
138	102.9	82.3	123.5

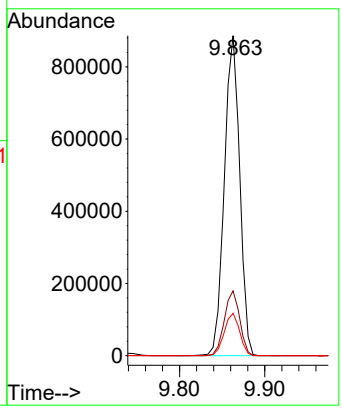




#49
Acenaphthylene
Concen: 40.013 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:152 Resp: 111199

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.3	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
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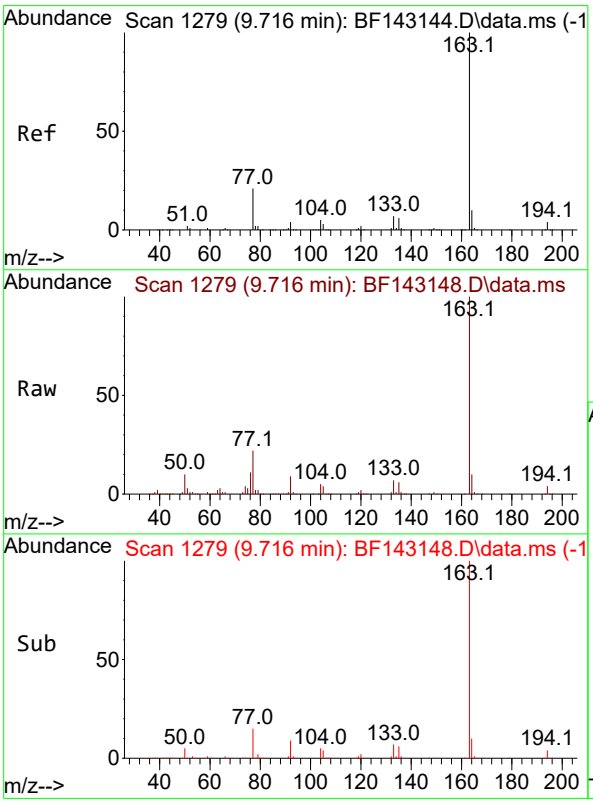
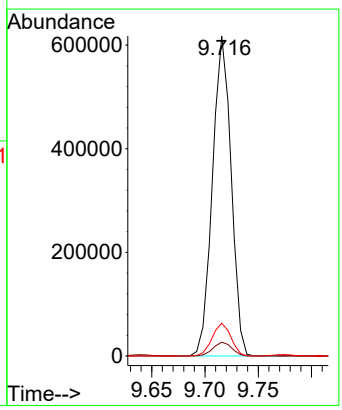
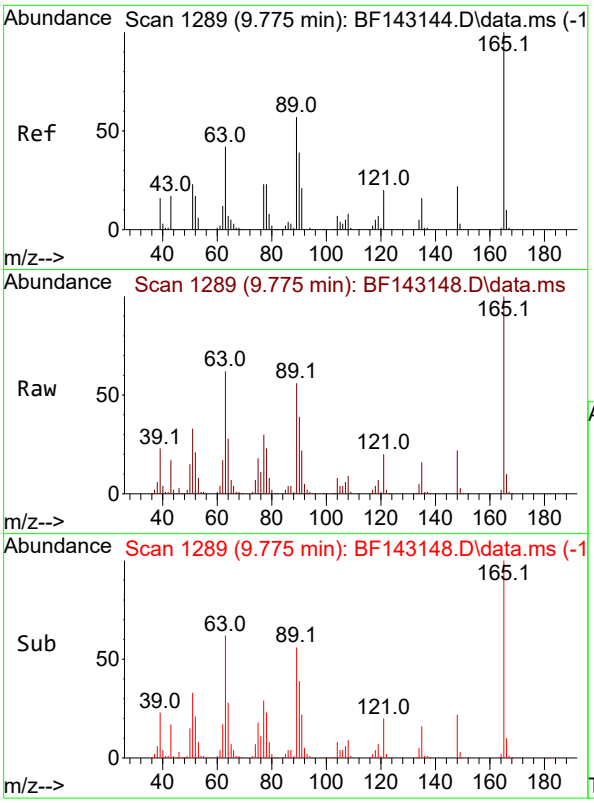


#50
Dimethylphthalate
Concen: 40.218 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:163 Resp: 753041

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.2	8.3	12.5

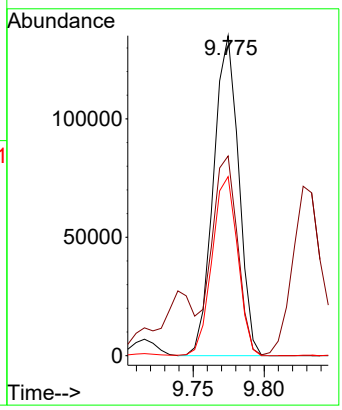




#51
2,6-Dinitrotoluene
Concen: 43.820 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:165 Resp: 16691

Ion	Ratio	Lower	Upper
165	100		
63	62.4	49.4	74.2
89	56.0	46.2	69.2



Instrument :
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ClientSampleId :
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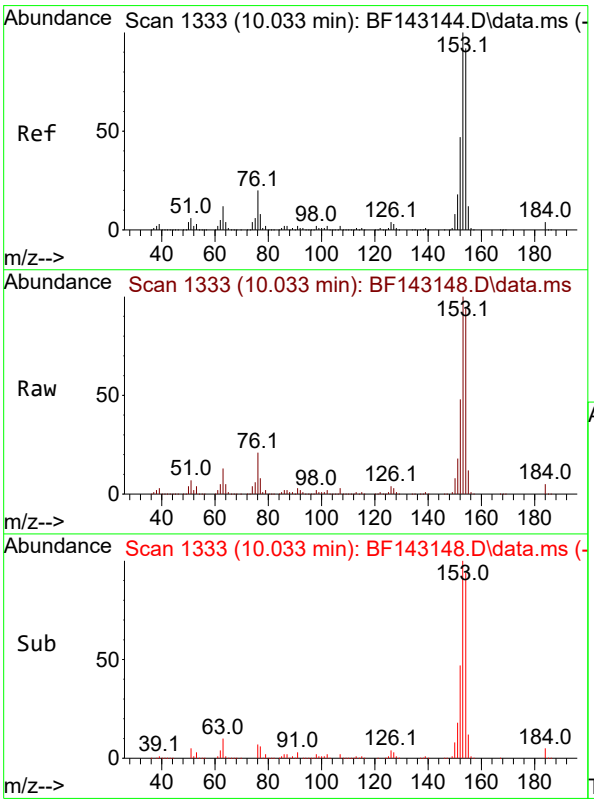
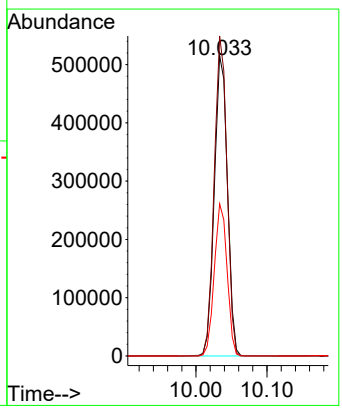
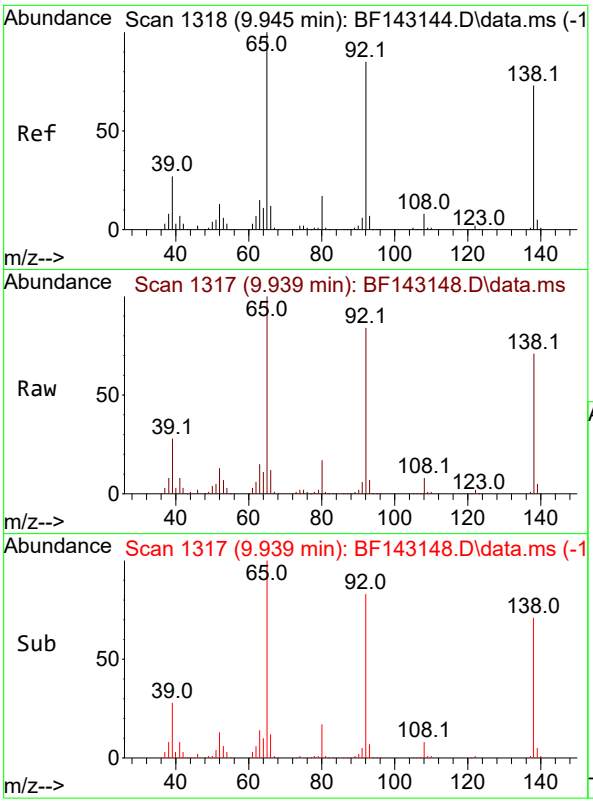


#52
Acenaphthene
Concen: 40.176 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:154 Resp: 659908

Ion	Ratio	Lower	Upper
154	100		
153	106.6	86.6	129.8
152	50.7	40.4	60.6

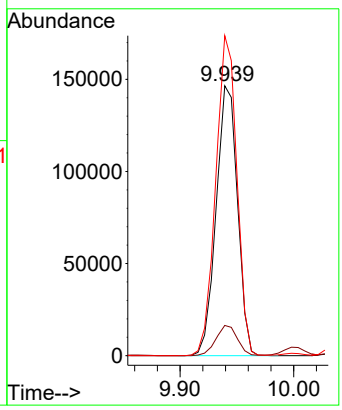




#53
3-Nitroaniline
Concen: 42.985 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:138 Resp: 19151

Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.0	13.6
92	118.6	93.0	139.4



Instrument :
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ClientSampleId :
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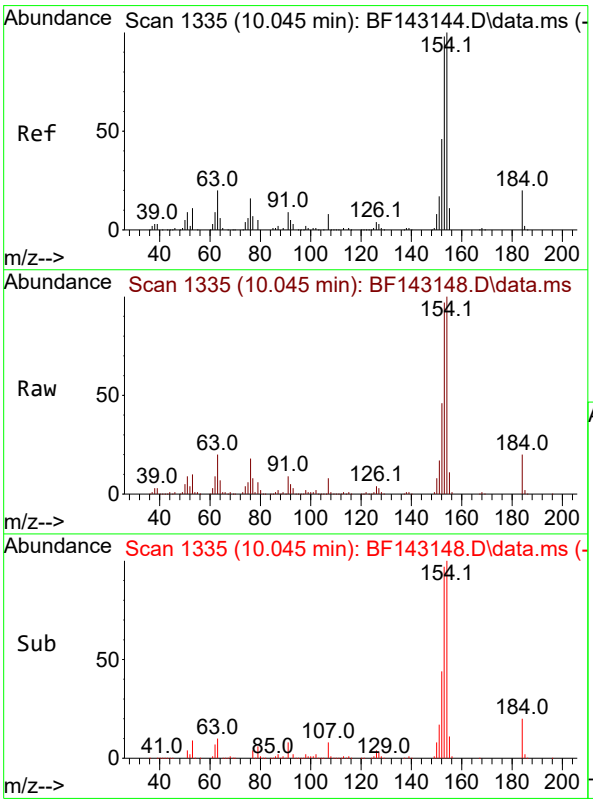
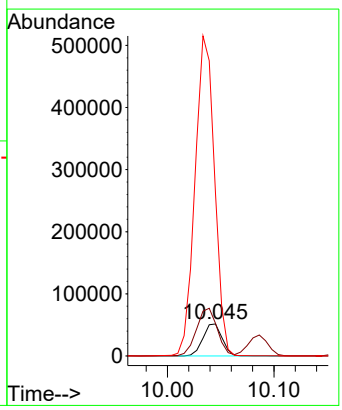
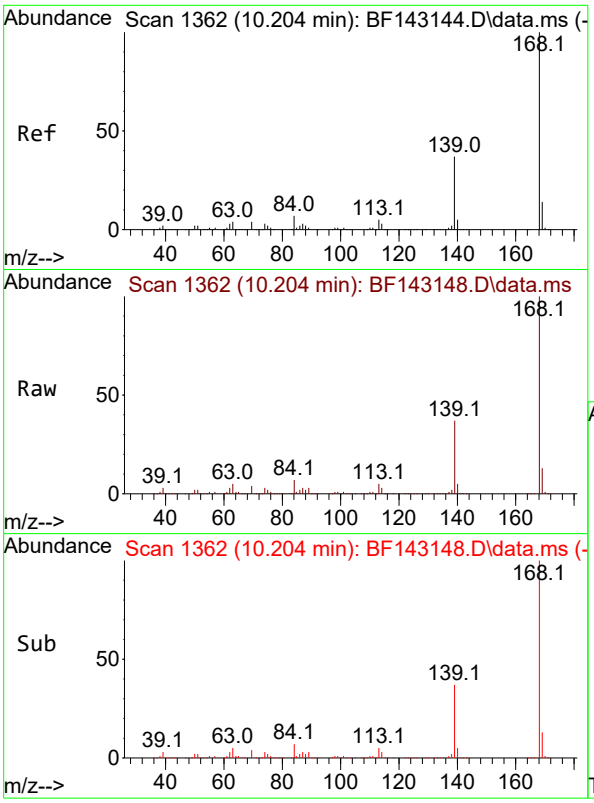


#54
2,4-Dinitrophenol
Concen: 40.998 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:184 Resp: 64659

Ion	Ratio	Lower	Upper
184	100		
63	102.3	81.8	122.6
154	509.4	412.2	618.4

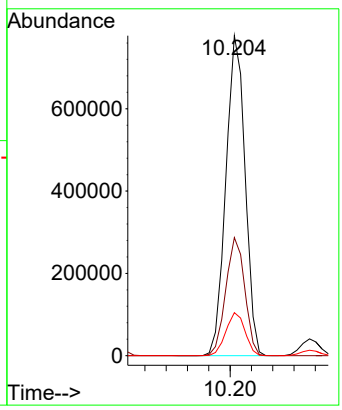




#55
Dibenzofuran
Concen: 39.981 ng
RT: 10.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:168 Resp: 97499

Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.5	44.3
169	13.5	10.9	16.3



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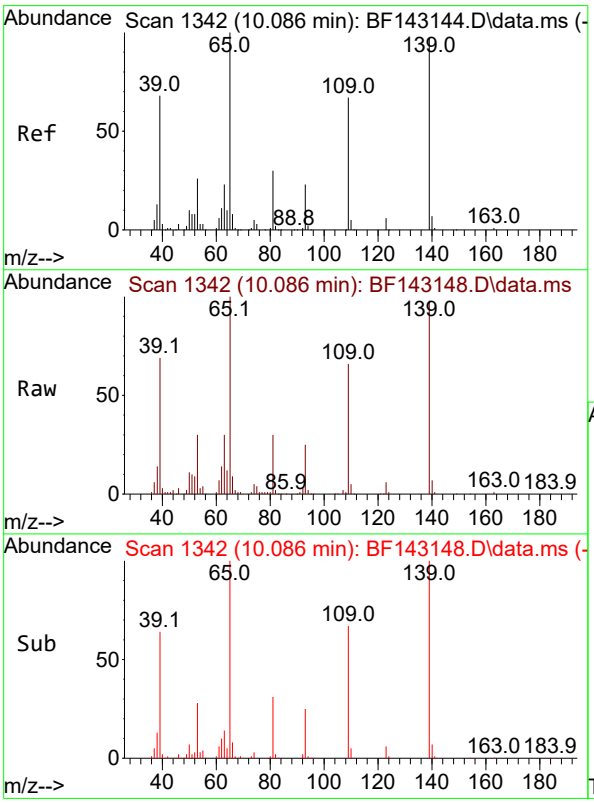
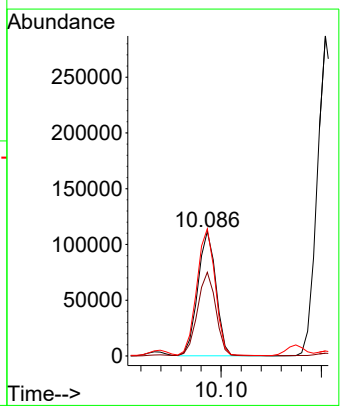
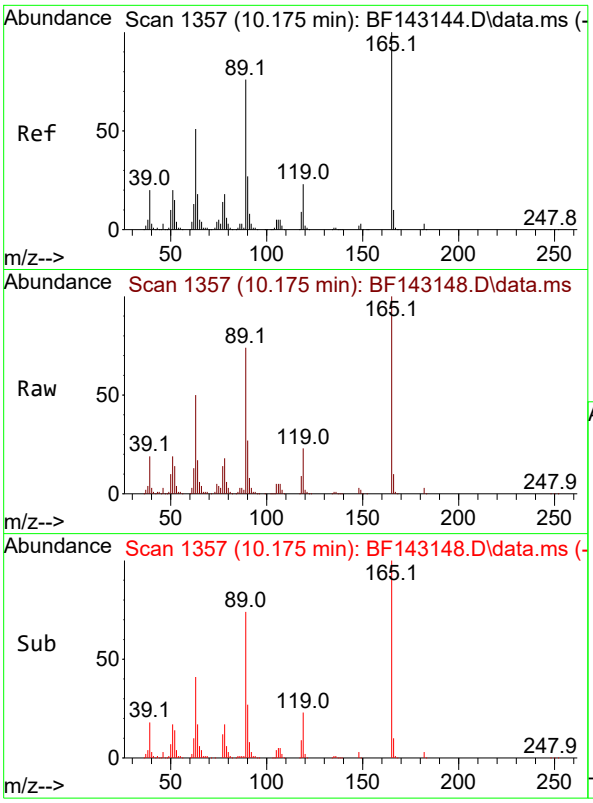


#56
4-Nitrophenol
Concen: 42.344 ng
RT: 10.086 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:139 Resp: 140876

Ion	Ratio	Lower	Upper
139	100		
109	67.2	48.5	88.5
65	102.1	83.4	123.4

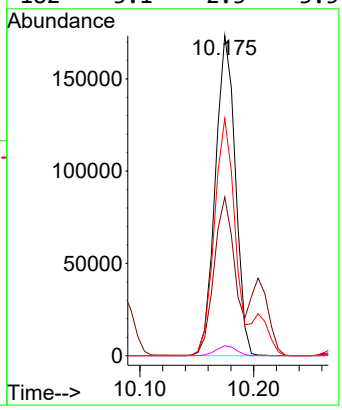




#57
2,4-Dinitrotoluene
Concen: 44.440 ng
RT: 10.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:165 Resp: 21236

Ion	Ratio	Lower	Upper
165	100		
63	49.5	41.0	61.4
89	74.0	61.1	91.7
182	3.1	2.3	3.5



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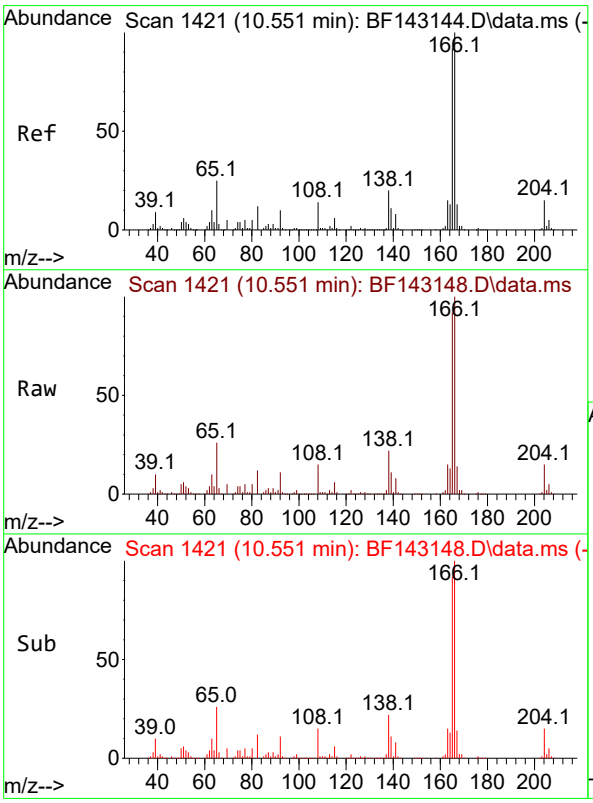
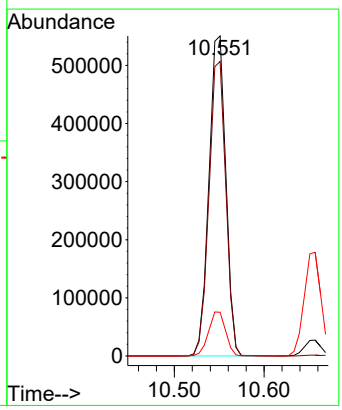
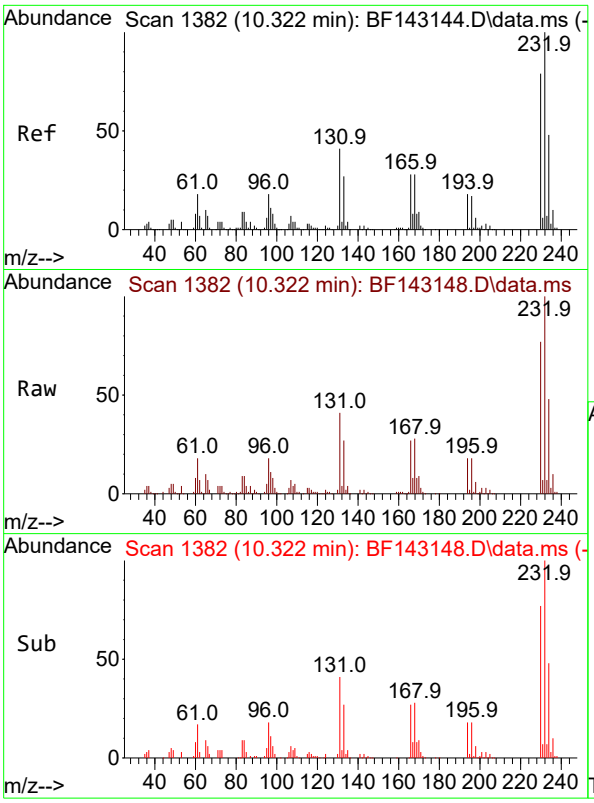


#58
Fluorene
Concen: 39.219 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:166 Resp: 717816

Ion	Ratio	Lower	Upper
166	100		
165	92.1	73.7	110.5
167	13.7	10.6	16.0

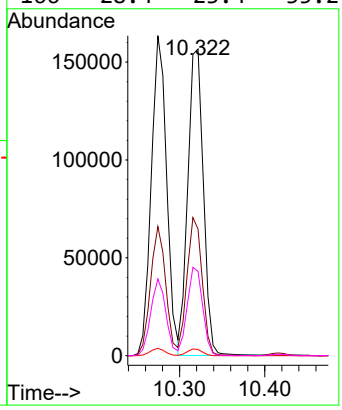




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.743 ng
RT: 10.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:232 Resp: 19853

Ion	Ratio	Lower	Upper
232	100		
131	43.9	35.3	52.9
130	2.1	1.7	2.5
166	28.4	23.4	35.2



Instrument :
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ClientSampleId :
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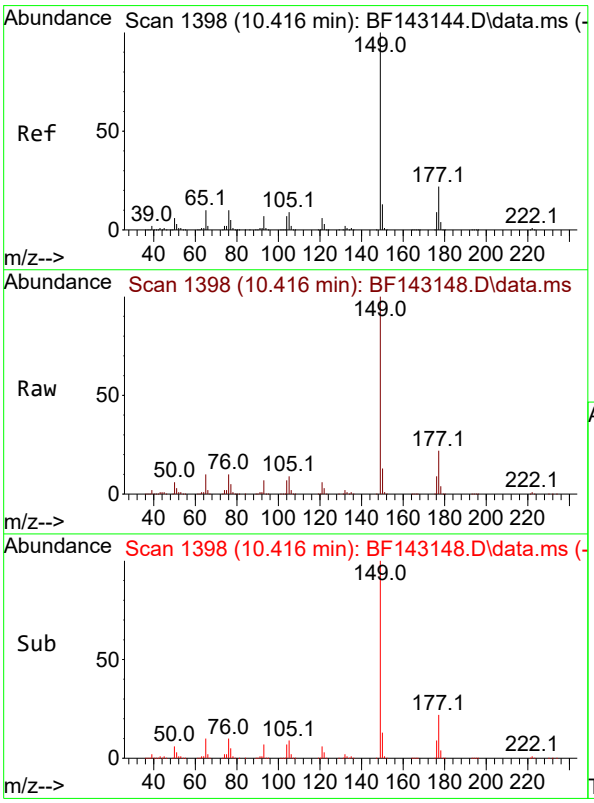
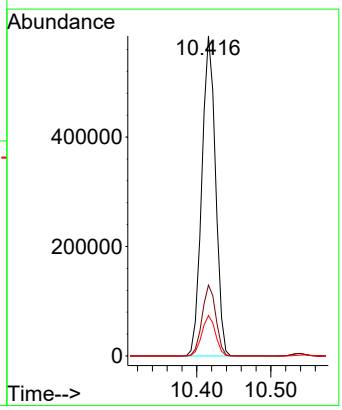
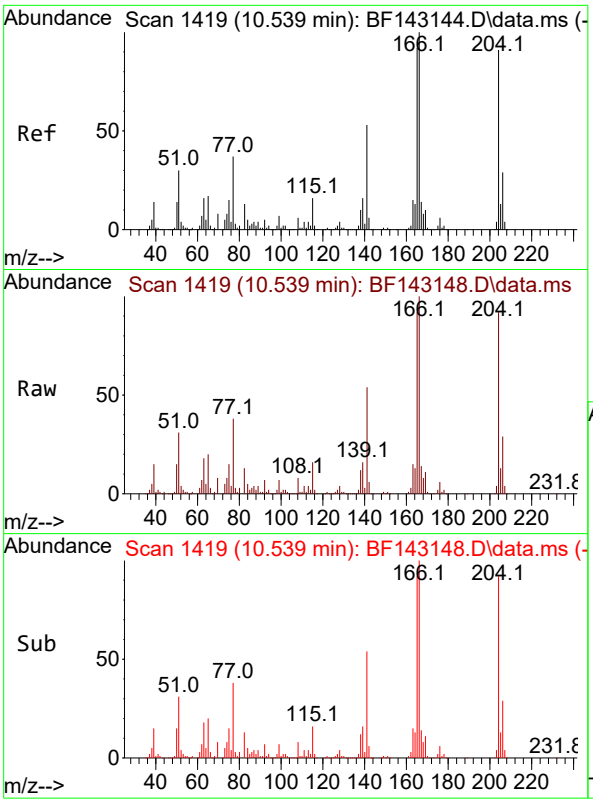


#60
Diethylphthalate
Concen: 40.729 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:149 Resp: 753774

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.5	26.3
150	12.6	10.2	15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.377 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:204 Resp: 36798

Ion	Ratio	Lower	Upper
204	100		
206	31.8	25.8	38.8
141	58.3	47.0	70.4

Instrument :
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ClientSampleId :
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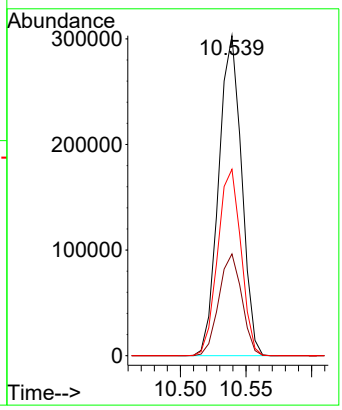
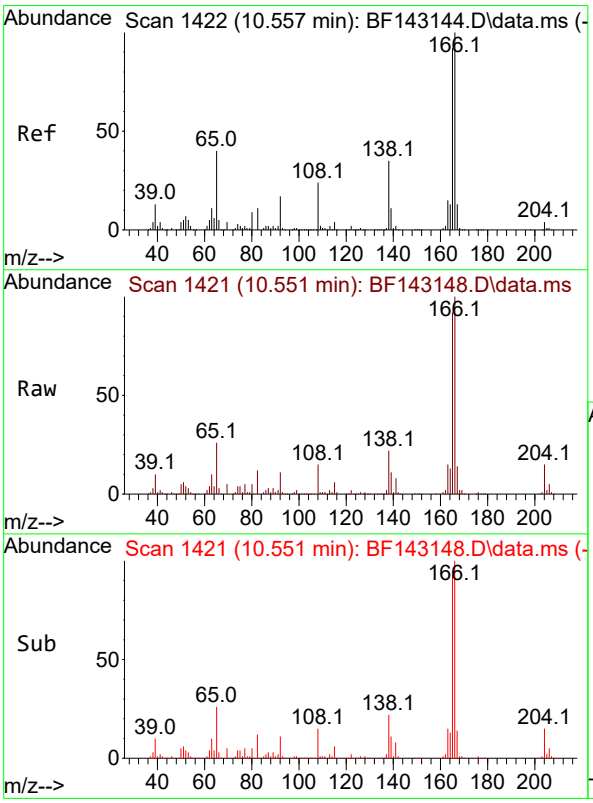
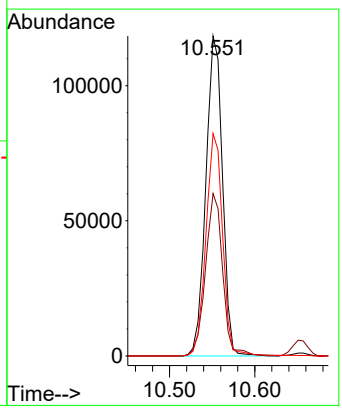


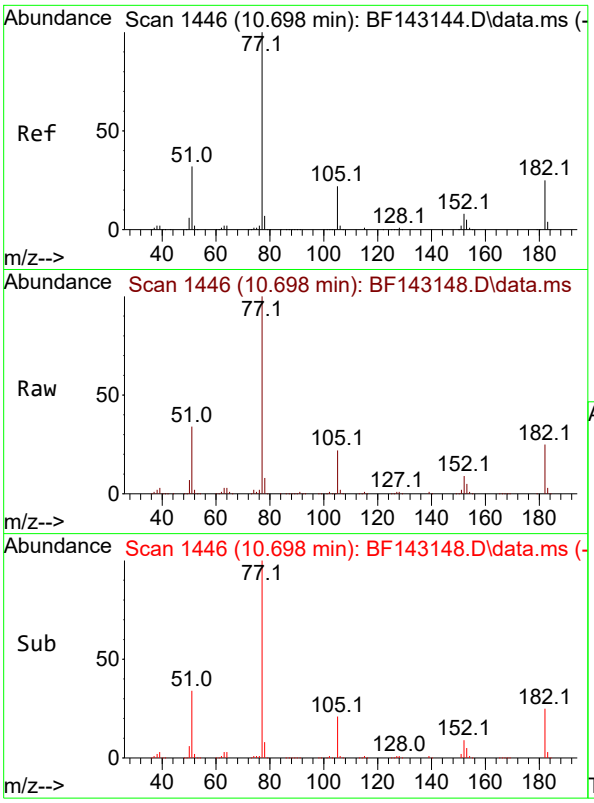


#62
4-Nitroaniline
Concen: 41.953 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:138 Resp: 160193

Ion	Ratio	Lower	Upper
138	100		
92	50.7	29.3	69.3
108	69.5	48.3	88.3

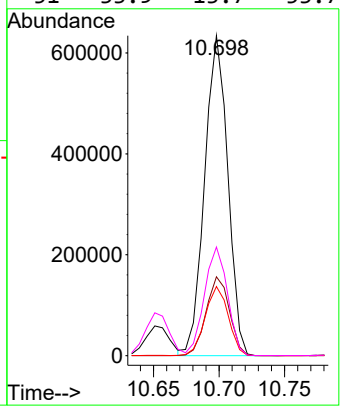




#63
Azobenzene
Concen: 40.414 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 77 Resp: 77952

Ion	Ratio	Lower	Upper
77	100		
182	24.6	4.6	44.6
105	21.6	1.4	41.4
51	33.9	13.7	53.7



Instrument :
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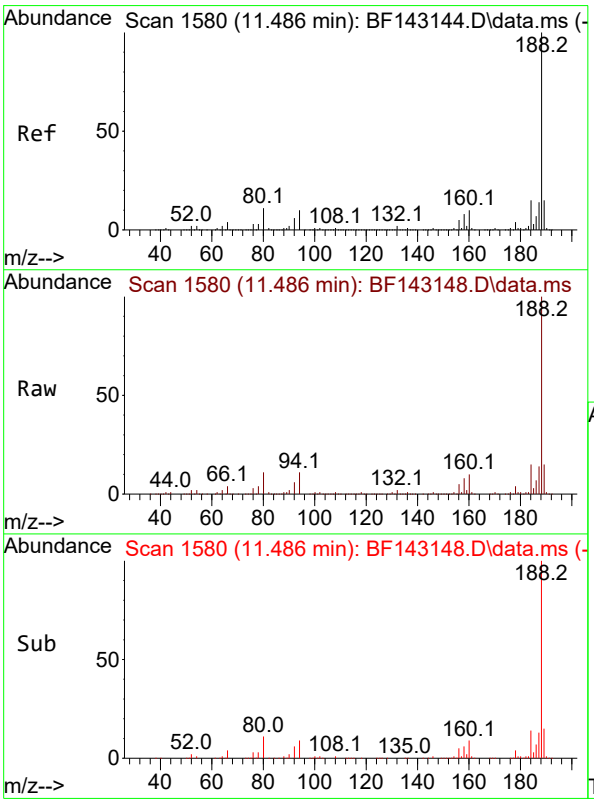
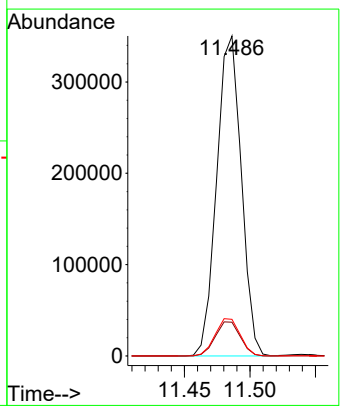
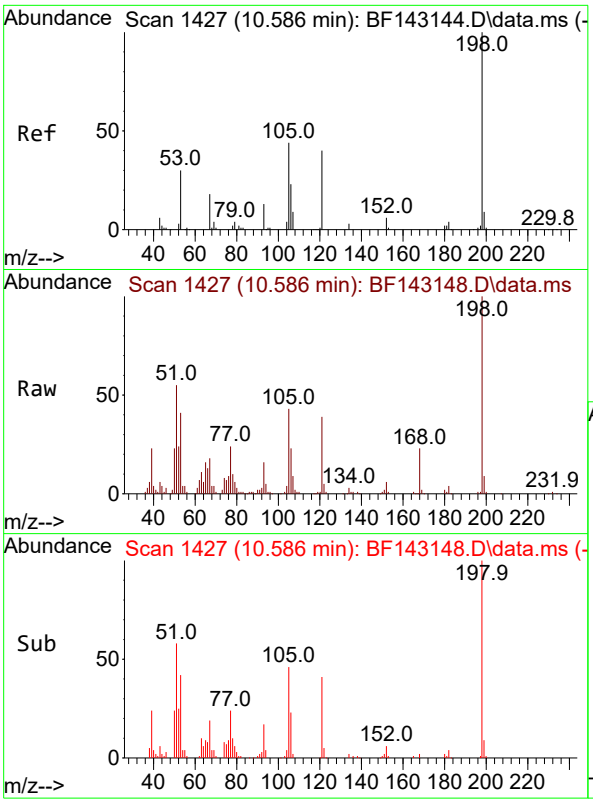


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:188 Resp: 457098

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.3	12.5
80	11.4	9.0	13.6

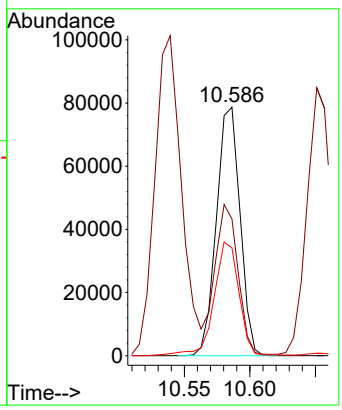




#65
4,6-Dinitro-2-methylphenol
Concen: 41.869 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:198 Resp: 9846

Ion	Ratio	Lower	Upper
198	100		
51	55.0	37.2	77.2
105	43.3	24.8	64.8



Instrument :
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ClientSampleId :
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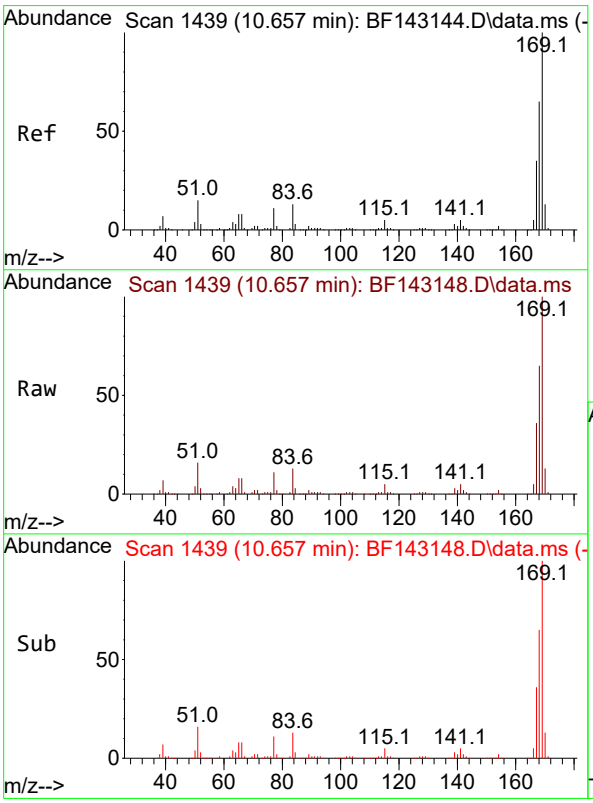
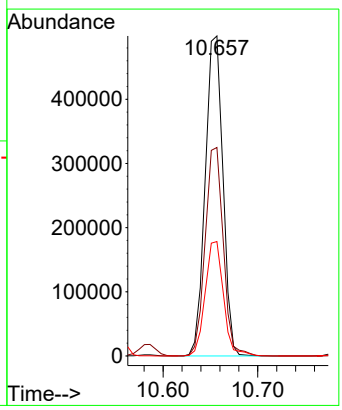
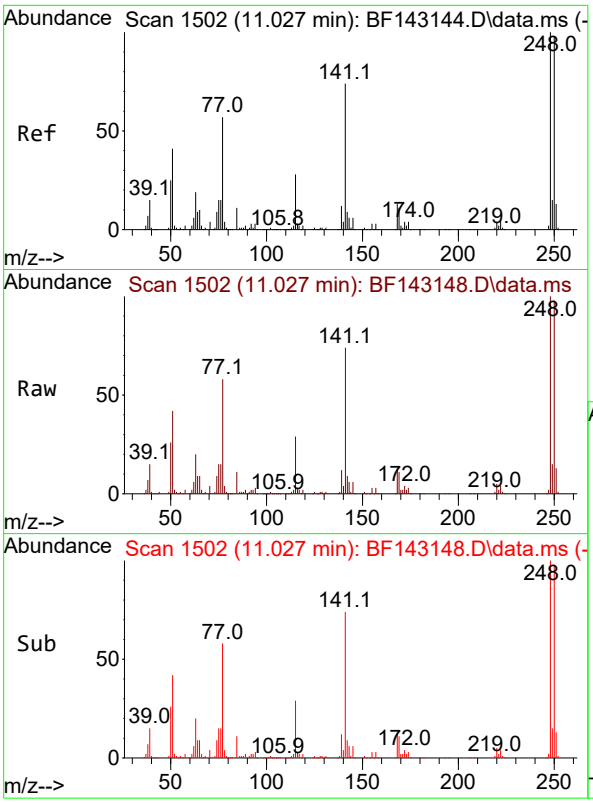


#66
n-Nitrosodiphenylamine
Concen: 40.250 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:169 Resp: 647855

Ion	Ratio	Lower	Upper
169	100		
168	65.2	52.1	78.1
167	35.8	28.2	42.2

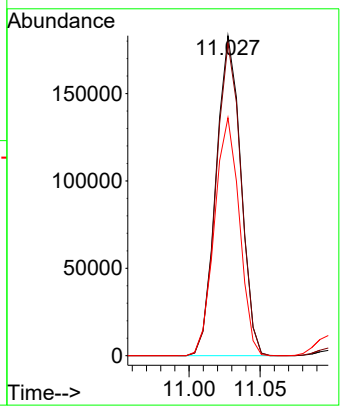




#67
4-Bromophenyl-phenylether
Concen: 40.828 ng
RT: 11.027 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:248 Resp: 22240

Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.3	117.5
141	74.3	59.2	88.8



Instrument :
BNA_F
ClientSampleId :
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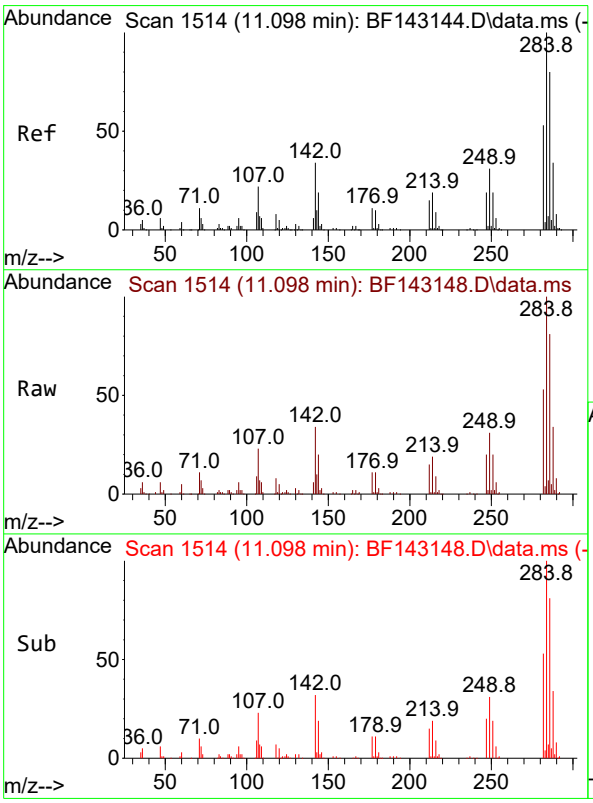
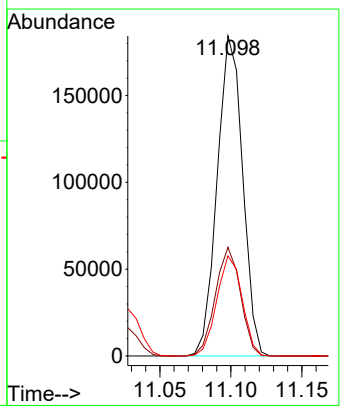
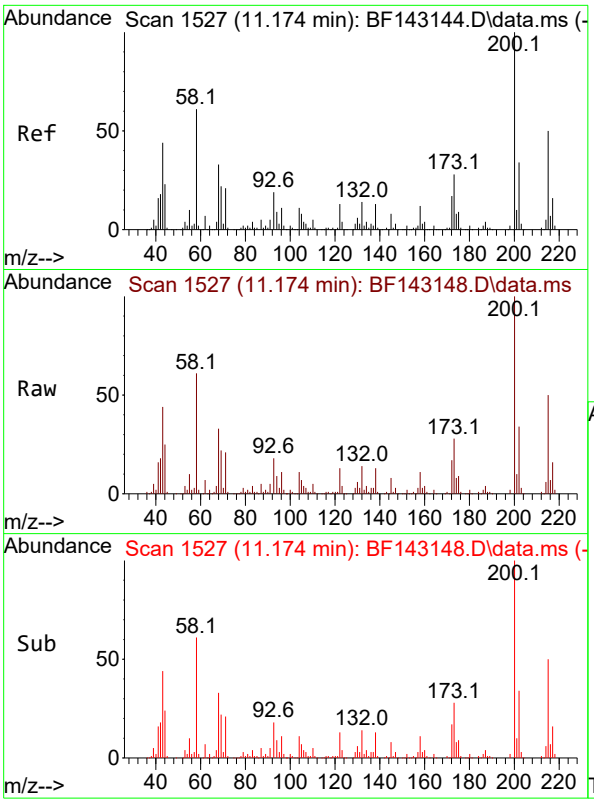


#68
Hexachlorobenzene
Concen: 40.268 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:284 Resp: 229272

Ion	Ratio	Lower	Upper
284	100		
142	34.0	27.0	40.6
249	31.3	25.0	37.6

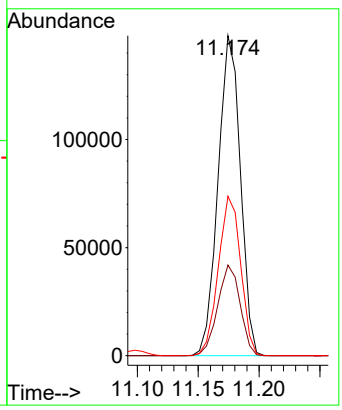




#69
Atrazine
Concen: 42.615 ng
RT: 11.174 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:200 Resp: 18910

Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.9	47.9
215	49.8	30.1	70.1



Instrument :
BNA_F
ClientSampleId :
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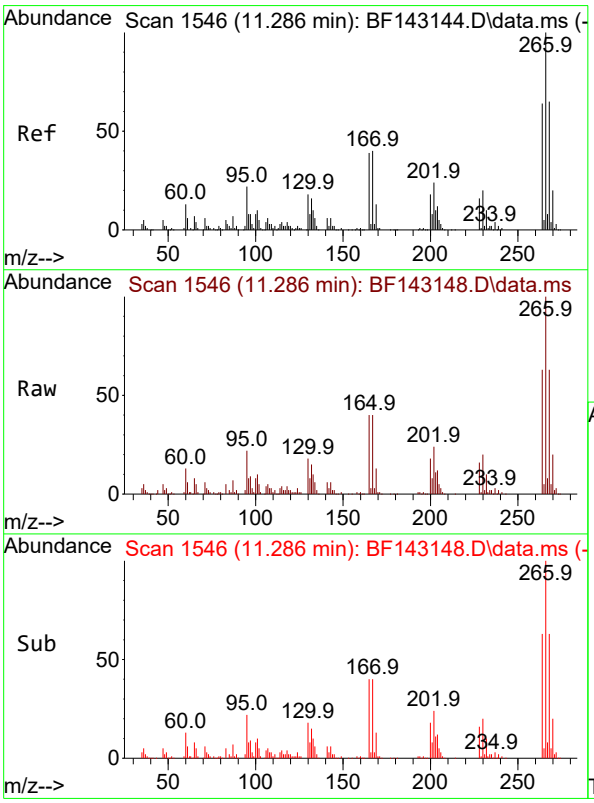
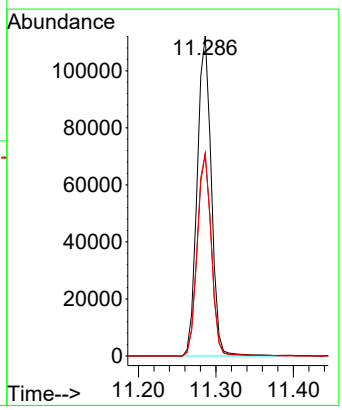
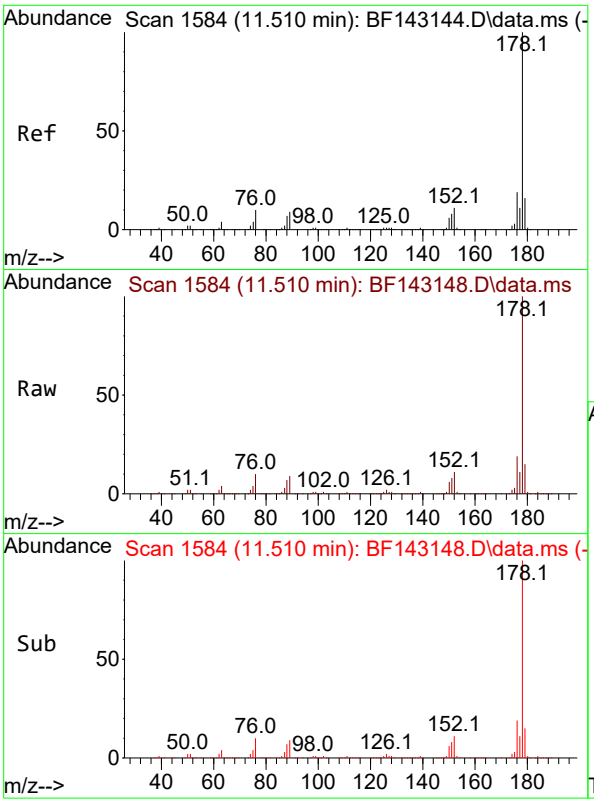


#70
Pentachlorophenol
Concen: 42.292 ng
RT: 11.286 min Scan# 1546
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:266 Resp: 141608

Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.9	77.9
264	63.3	51.0	76.6

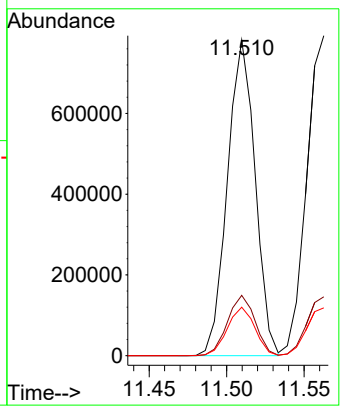




#71
Phenanthrene
Concen: 40.026 ng
RT: 11.510 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:178 Resp: 97144

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.3	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

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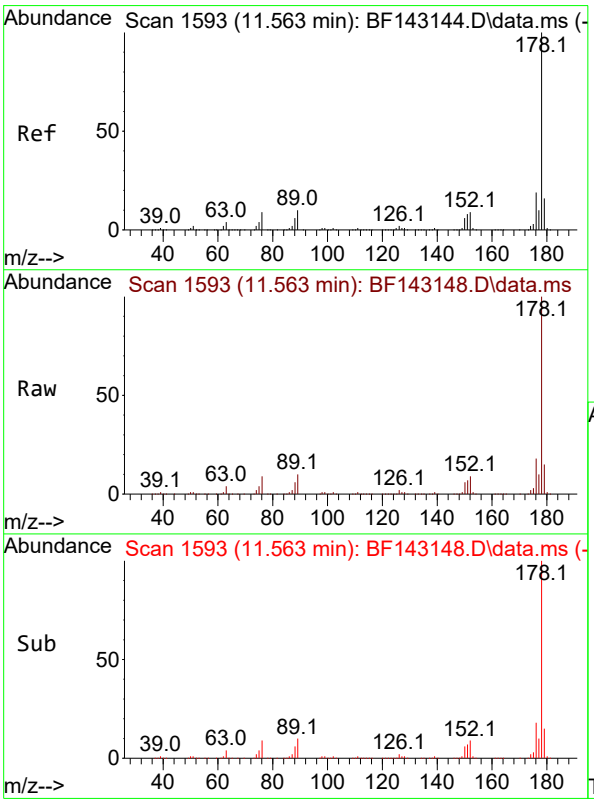
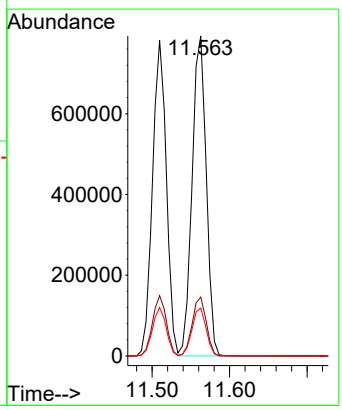
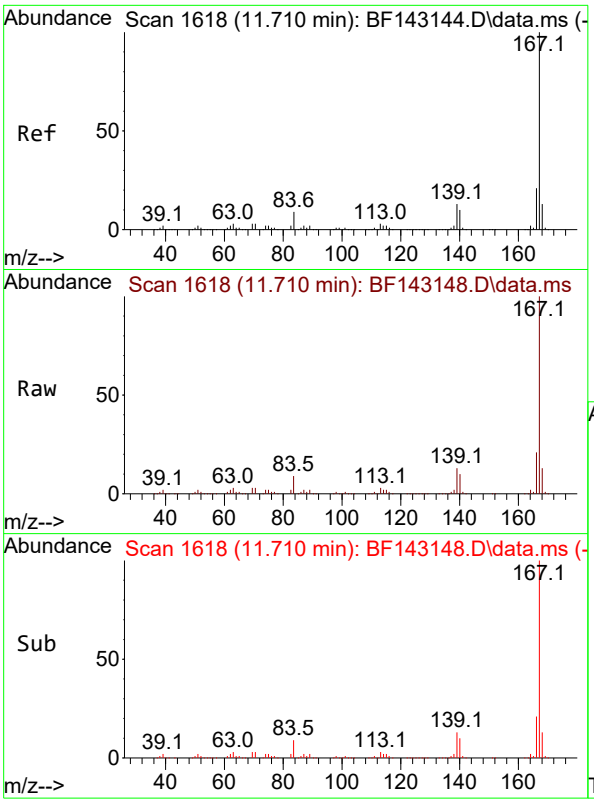


#72
Anthracene
Concen: 40.557 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:178 Resp: 1003925

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	15.0	12.5	18.7

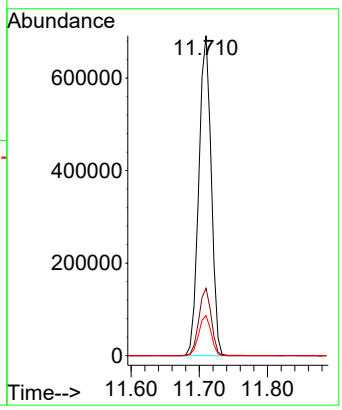




#73
Carbazole
Concen: 40.476 ng
RT: 11.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:167 Resp: 87486

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.6
139	12.5	10.0	15.0



Instrument :
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ClientSampleId :
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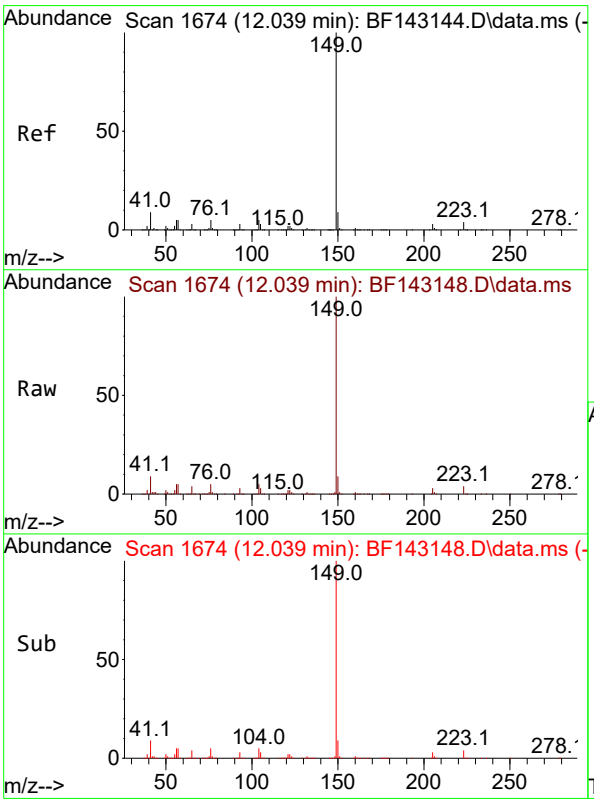
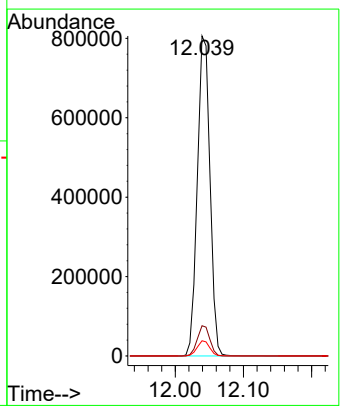
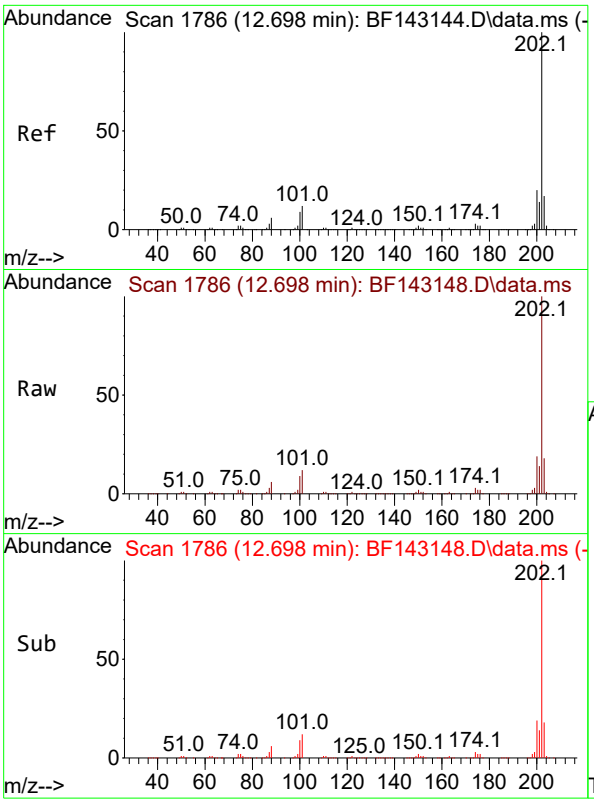


#74
Di-n-butylphthalate
Concen: 42.330 ng
RT: 12.039 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:149 Resp: 1035244

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	4.7	3.8	5.8

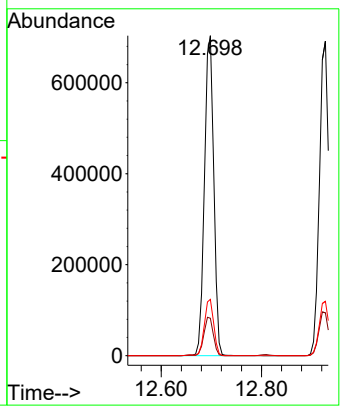




#75
Fluoranthene
Concen: 40.836 ng
RT: 12.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:202 Resp: 90971

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.7
203	17.6	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
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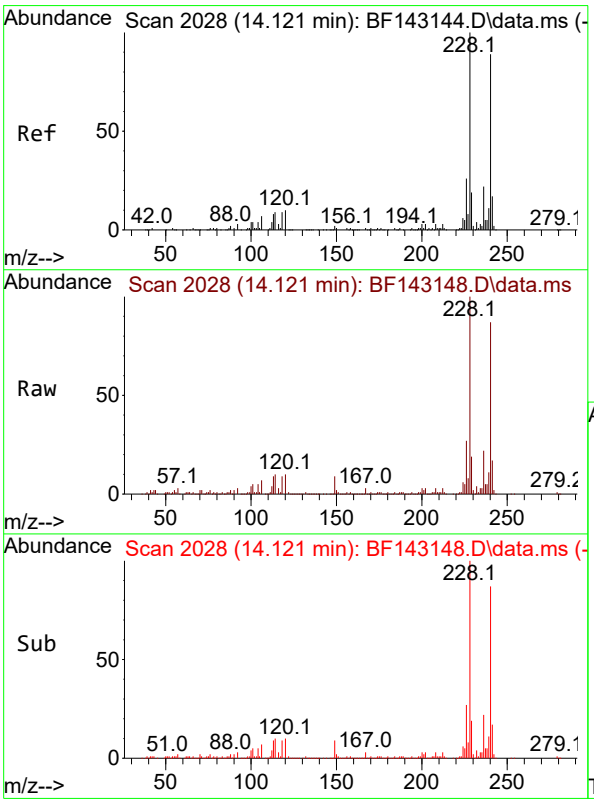
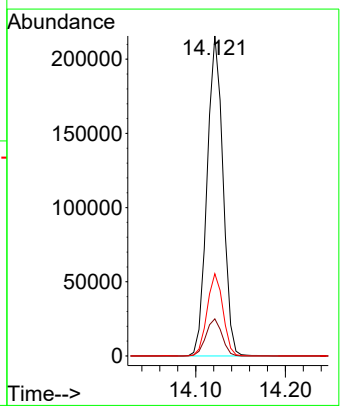
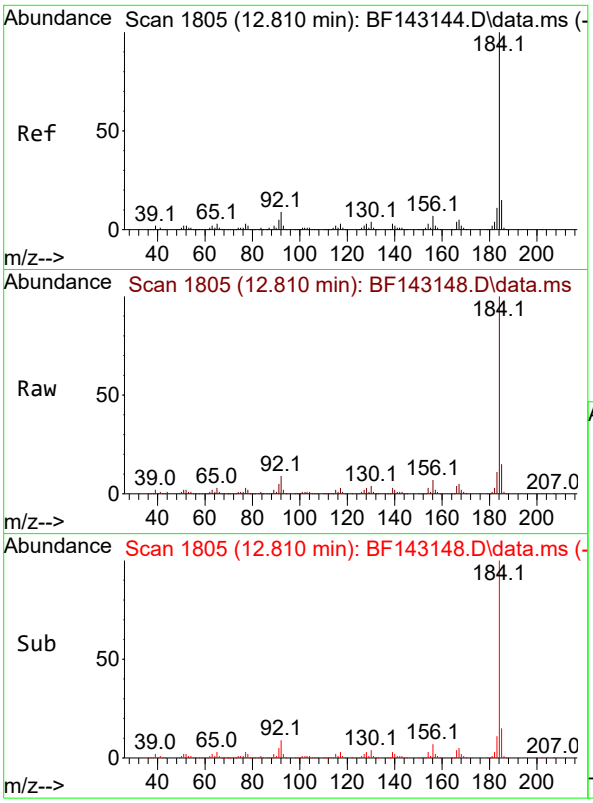


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:240 Resp: 265008

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.4	14.2
236	25.7	20.2	30.4

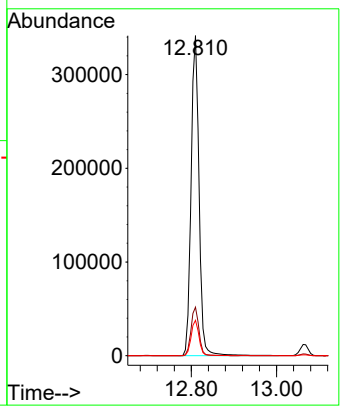




#77
Benzidine
Concen: 43.239 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:184 Resp: 44147

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.2	18.4
183	11.1	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

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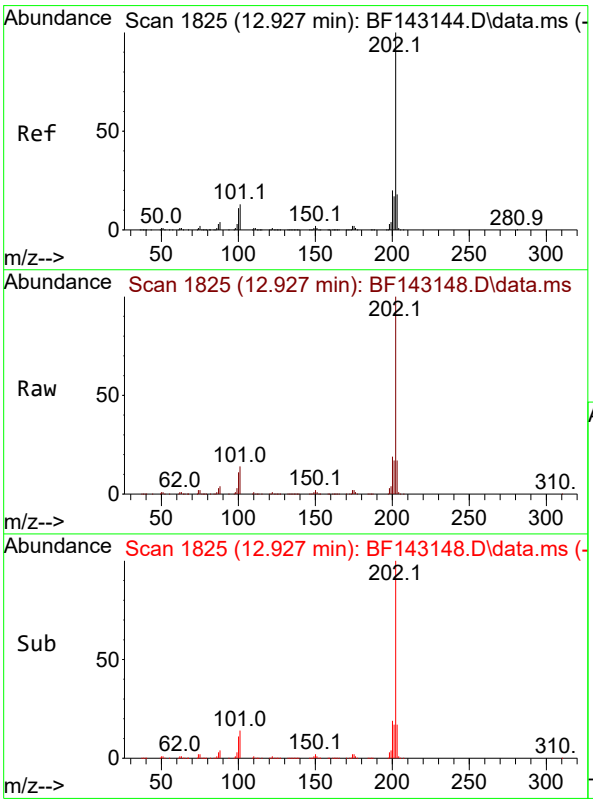
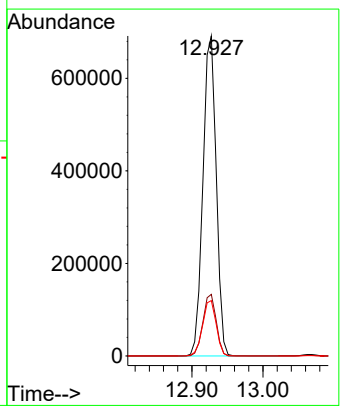
Supervised By :Jagrut Upadhyay 07/18/2025

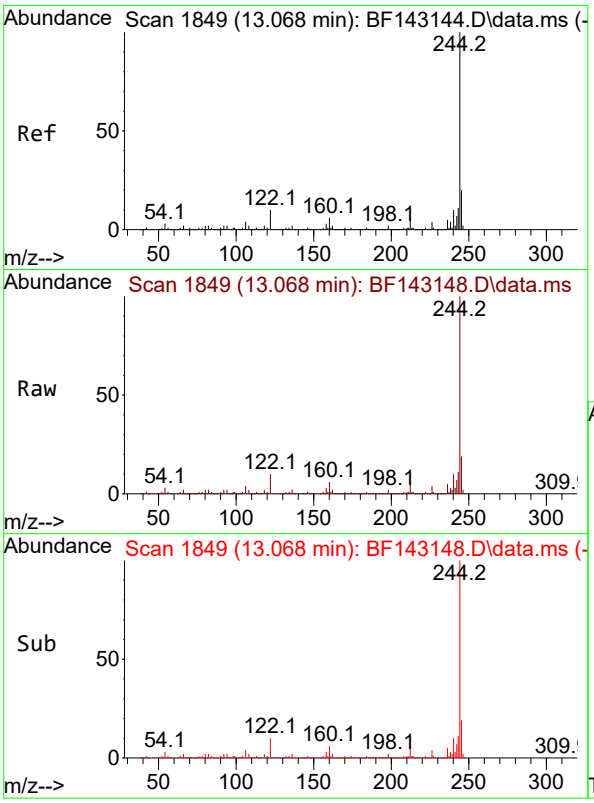


#78
Pyrene
Concen: 39.916 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:202 Resp: 902771

Ion	Ratio	Lower	Upper
202	100		
200	19.3	15.7	23.5
203	17.3	14.2	21.2

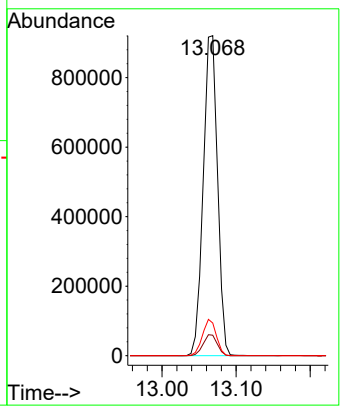




#79
Terphenyl-d14
Concen: 69.333 ng
RT: 13.068 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:244 Resp: 123470

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.2	7.8
122	10.2	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

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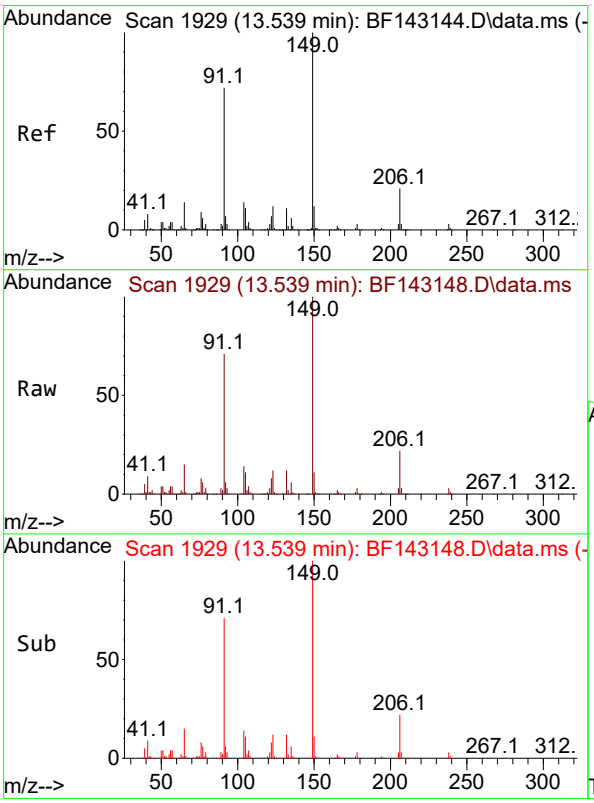
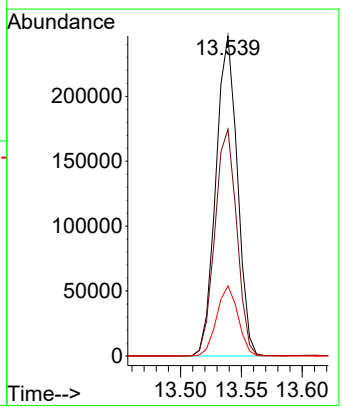
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

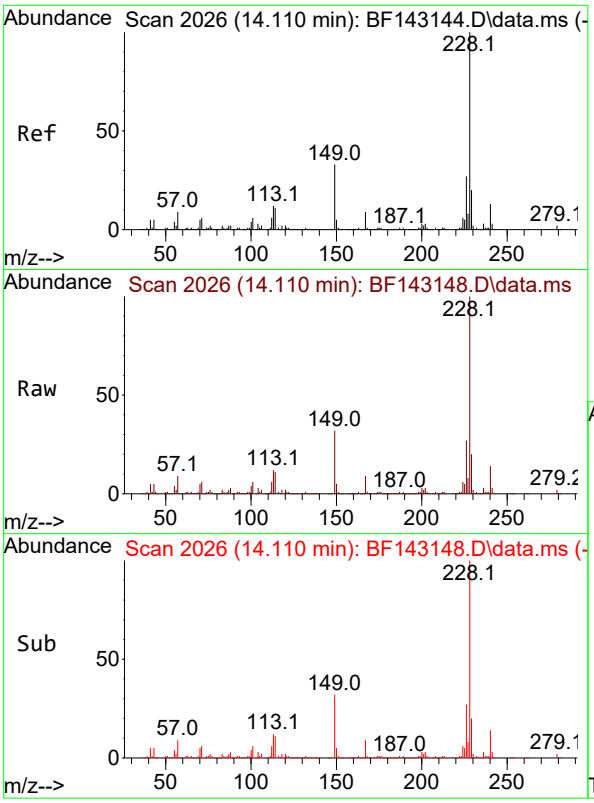


#80
Butylbenzylphthalate
Concen: 43.827 ng
RT: 13.539 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:149 Resp: 303528

Ion	Ratio	Lower	Upper
149	100		
91	70.9	57.9	86.9
206	21.9	17.0	25.4

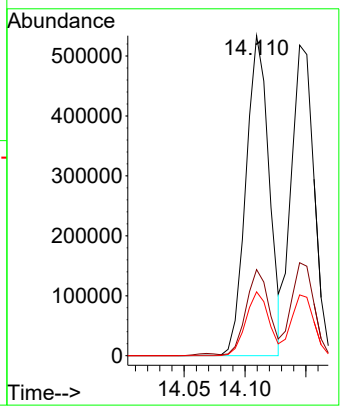




#81
Benzo(a)anthracene
Concen: 39.950 ng
RT: 14.110 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:228 Resp: 70879

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	20.0	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

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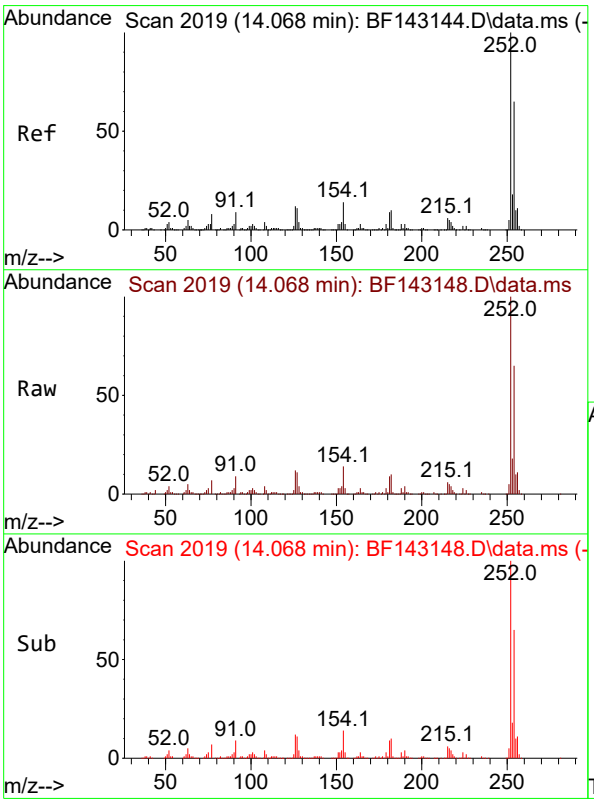
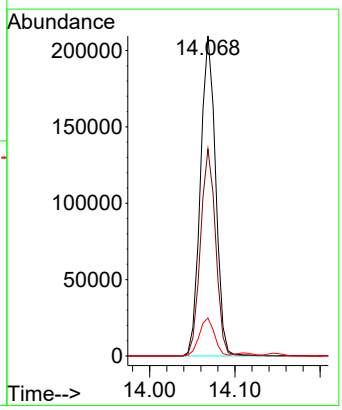
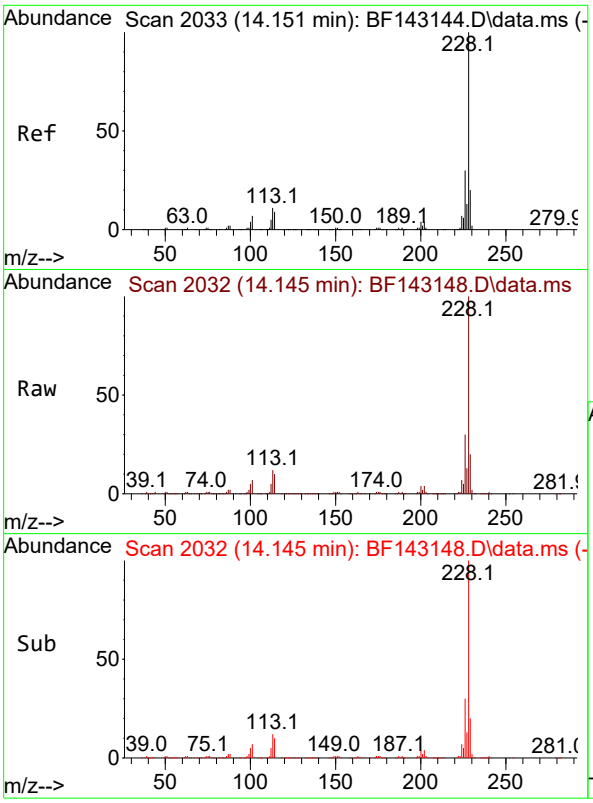


#82
3,3'-Dichlorobenzidine
Concen: 43.772 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:252 Resp: 258837

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	11.9	9.4	14.0

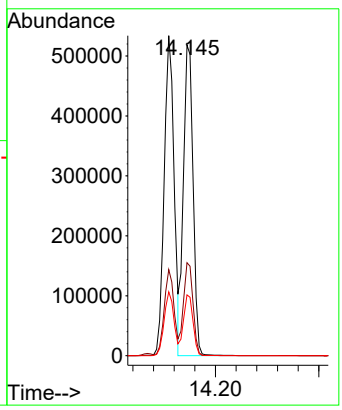




#83
Chrysene
Concen: 42.233 ng
RT: 14.145 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:228 Resp: 67370

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.8
229	19.6	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

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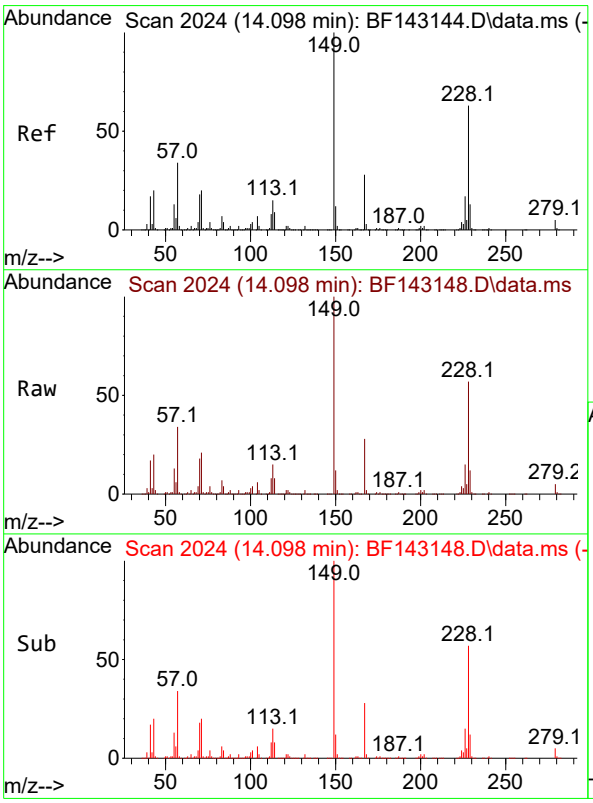
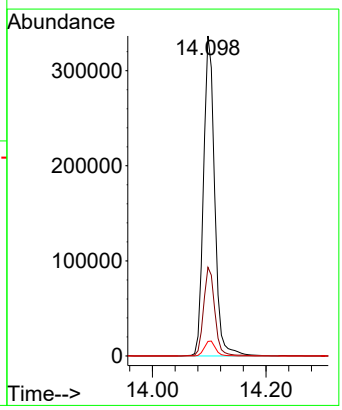
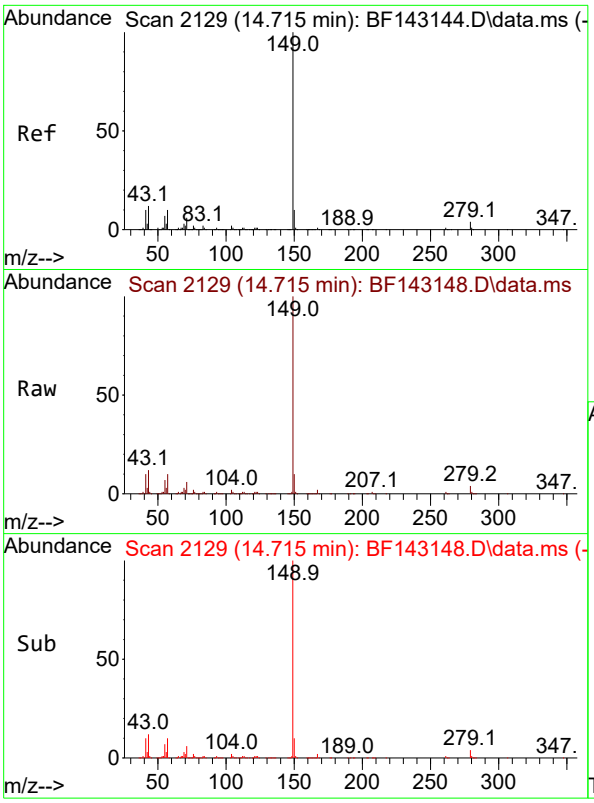


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.578 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:149 Resp: 456811

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.3	33.5
279	4.6	3.6	5.4





#85
Di-n-octyl phthalate
Concen: 43.077 ng
RT: 14.715 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:149 Resp: 81851

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	12.2	9.7	14.5

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

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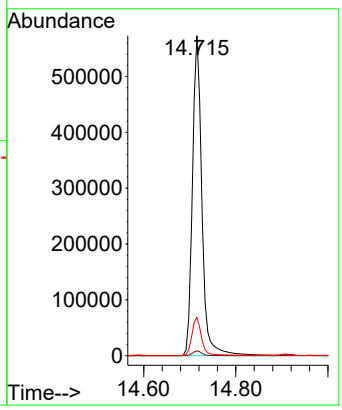
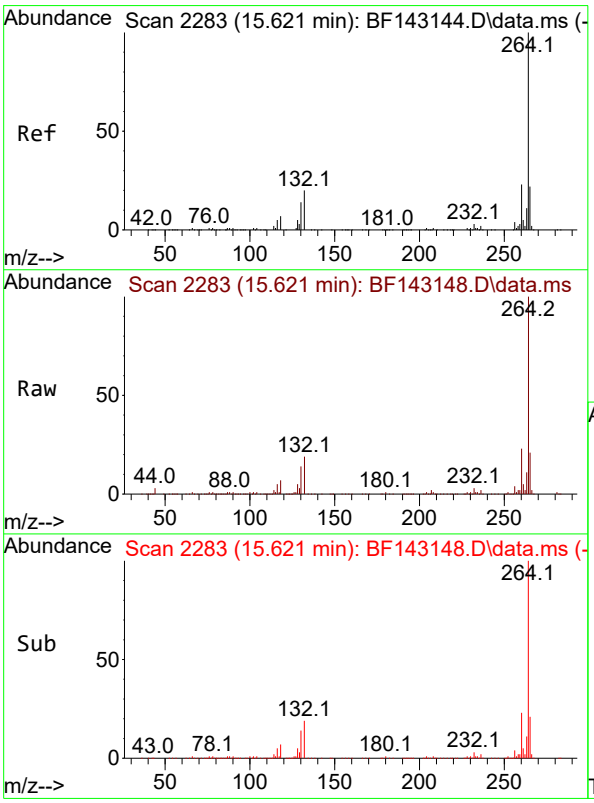
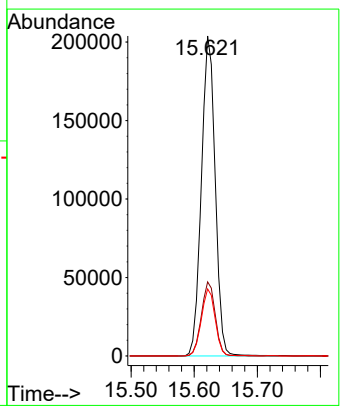


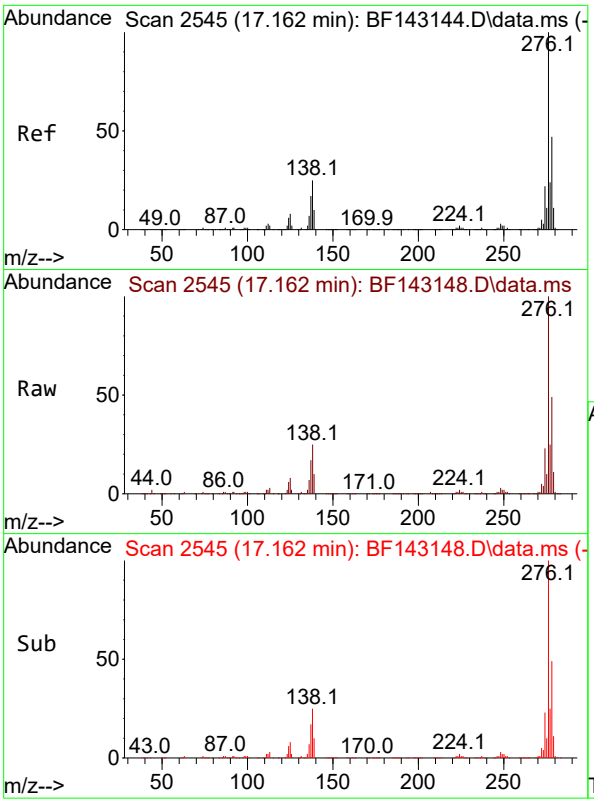


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:264 Resp: 310192

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	20.9	17.4	26.2

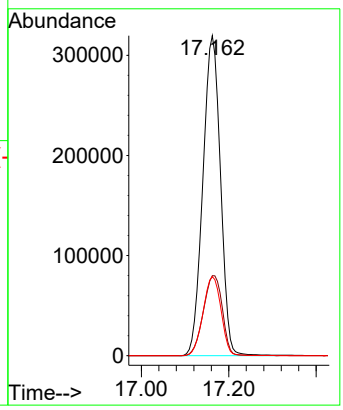




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.983 ng
RT: 17.162 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:276 Resp: 89640

Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.8	32.6
277	25.2	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

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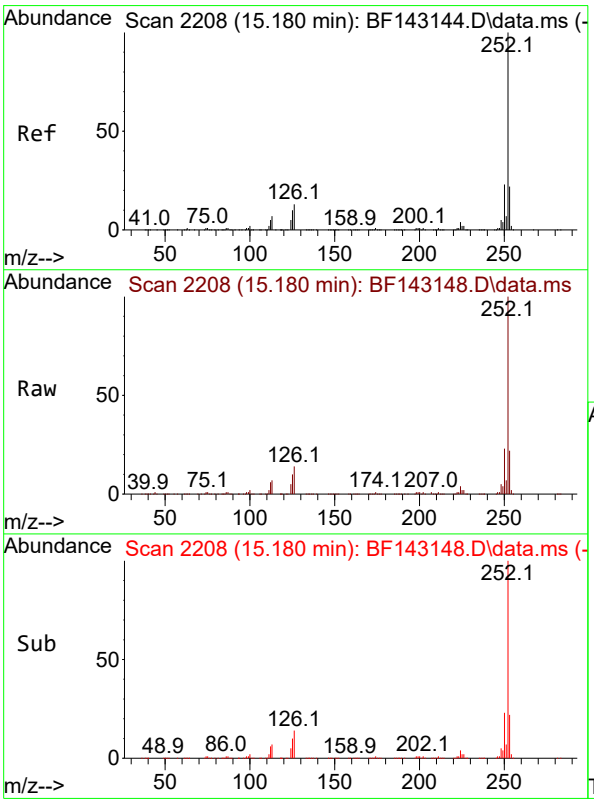
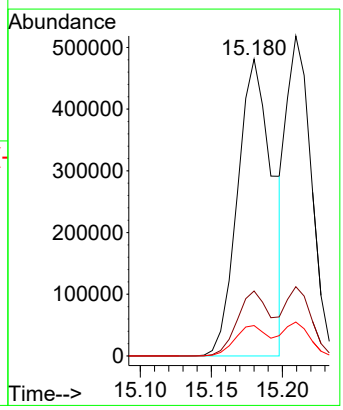
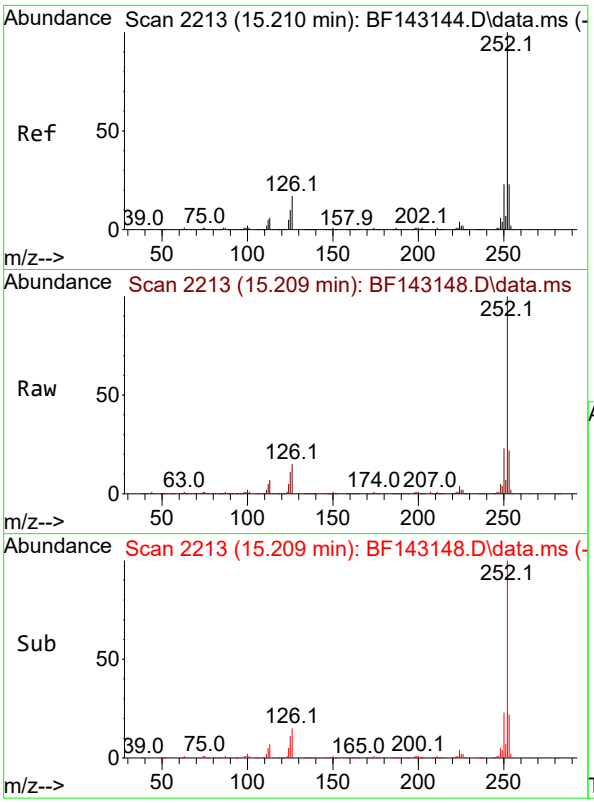


#88
Benzo(b)fluoranthene
Concen: 43.278 ng
RT: 15.180 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:252 Resp: 820119

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.3	8.0	12.0

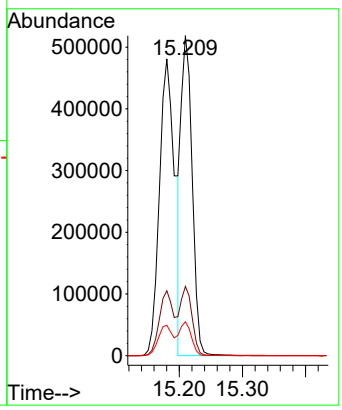




#89
Benzo(k)fluoranthene
Concen: 37.531 ng
RT: 15.209 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:252 Resp: 63464

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	10.6	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

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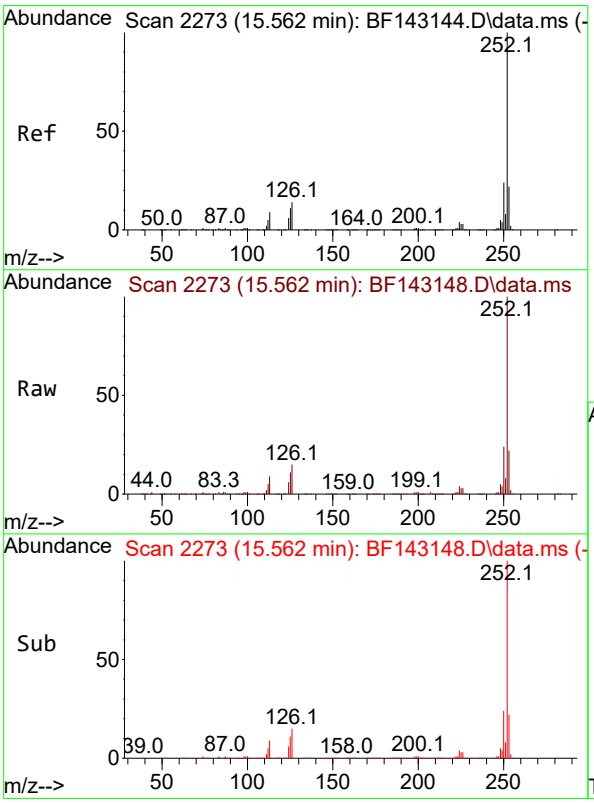
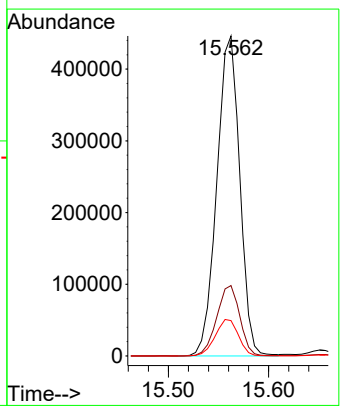
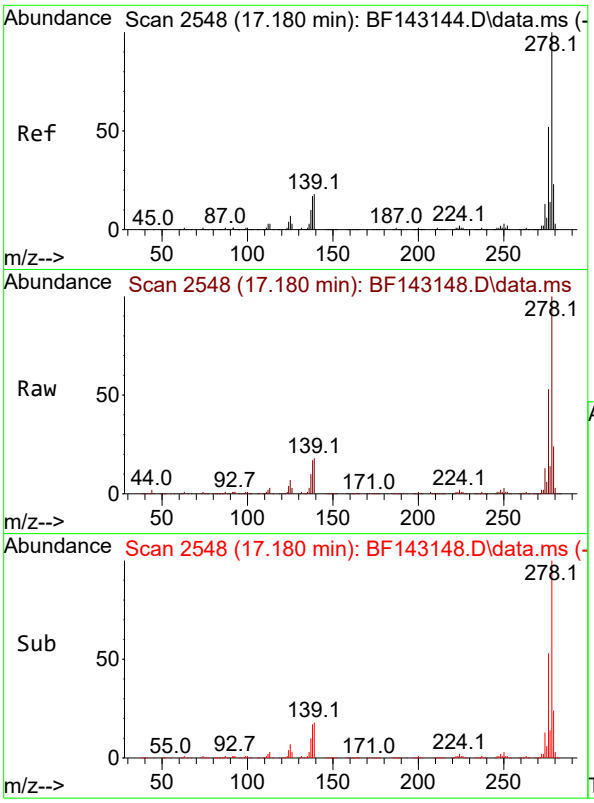


#90
Benzo(a)pyrene
Concen: 40.594 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:252 Resp: 708756

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	11.1	8.6	13.0

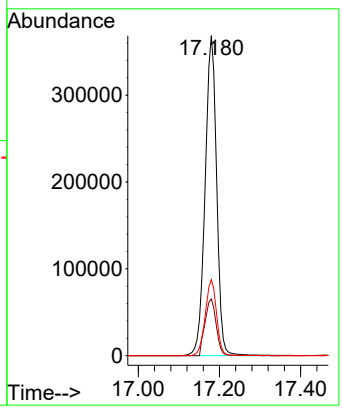




#91
Dibenzo(a,h)anthracene
Concen: 40.710 ng
RT: 17.180 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:278 Resp: 72475

Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.1	21.1
279	23.8	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
ICVBF071725

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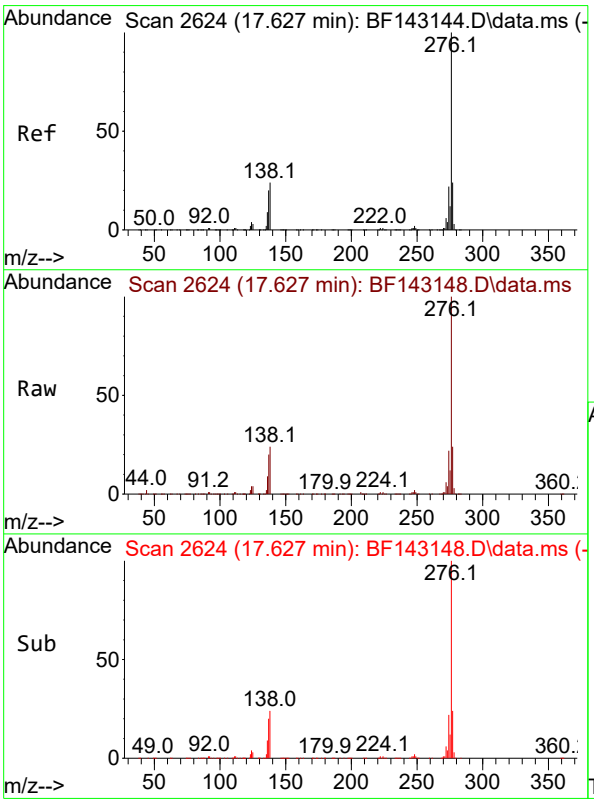
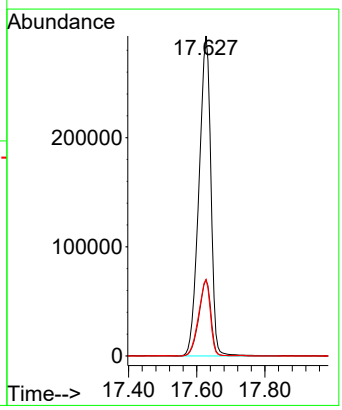
Supervised By :Jagrut Upadhyay 07/18/2025



#92
Benzo(g,h,i)perylene
Concen: 41.394 ng
RT: 17.627 min Scan# 2624
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:276 Resp: 712864

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	23.9	18.9	28.3



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Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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	86	0.00
2		1,4-Dioxane	0.598	0.576	3.7	83	-0.03
3		Pyridine	1.552	1.576	-1.5	89	-0.02
4		n-Nitrosodimethylamine	0.801	0.817	-2.0	87	-0.02
5	S	2-Fluorophenol	1.264	1.219	3.6	85	0.00
6		Aniline	2.217	2.277	-2.7	89	0.00
7	S	Phenol-d6	1.591	1.554	2.3	86	0.00
8		2-Chlorophenol	1.325	1.375	-3.8	90	0.00
9		Benzaldehyde	1.193	1.117	6.4	67	0.00
10	C	Phenol	1.733	1.769	-2.1	89	0.00
11		bis(2-Chloroethyl)ether	1.327	1.348	-1.6	89	0.00
12		1,3-Dichlorobenzene	1.439	1.454	-1.0	89	0.00
13	C	1,4-Dichlorobenzene	1.449	1.476	-1.9	90	0.00
14		1,2-Dichlorobenzene	1.378	1.430	-3.8	92	0.00
15		Benzyl Alcohol	1.215	1.274	-4.9	90	0.00
16		2,2'-oxybis(1-Chloropropane	2.461	2.545	-3.4	91	0.00
17		2-Methylphenol	1.114	1.153	-3.5	91	0.00
18		Hexachloroethane	0.502	0.526	-4.8	92	0.00
19	P	n-Nitroso-di-n-propylamine	1.021	1.029	-0.8	90	0.00
20		3+4-Methylphenols	1.351	1.432	-6.0	92	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	87	0.00
22		Acetophenone	0.474	0.477	-0.6	91	0.00
23	S	Nitrobenzene-d5	0.401	0.362	9.7	79	0.00
24		Nitrobenzene	0.374	0.390	-4.3	91	0.00
25		Isophorone	0.708	0.718	-1.4	91	0.00
26	C	2-Nitrophenol	0.162	0.182	-12.3	93	0.00
27		2,4-Dimethylphenol	0.331	0.337	-1.8	91	0.00
28		bis(2-Chloroethoxy)methane	0.425	0.424	0.2	90	0.00
29	C	2,4-Dichlorophenol	0.279	0.285	-2.2	90	0.00
30		1,2,4-Trichlorobenzene	0.302	0.306	-1.3	91	0.00
31		Naphthalene	0.985	0.989	-0.4	90	0.00
32		Benzoic acid	0.169	0.181	-7.1	88	0.00
33		4-Chloroaniline	0.402	0.409	-1.7	91	0.00
34	C	Hexachlorobutadiene	0.184	0.190	-3.3	92	0.00
35		Caprolactam	0.084	0.086	-2.4	87	0.00
36	C	4-Chloro-3-methylphenol	0.303	0.308	-1.7	89	0.00
37		2-Methylnaphthalene	0.599	0.604	-0.8	91	0.00
38		1-Methylnaphthalene	0.617	0.628	-1.8	91	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	87	0.00
40		1,2,4,5-Tetrachlorobenzene	0.577	0.591	-2.4	93	0.00
41	P	Hexachlorocyclopentadiene	0.376	0.403	-7.2	93	0.00
42	S	2,4,6-Tribromophenol	0.207	0.207	0.0	85	0.00
43	C	2,4,6-Trichlorophenol	0.400	0.402	-0.5	91	0.00
44		2,4,5-Trichlorophenol	0.400	0.430	-7.5	92	0.00
45	S	2-Fluorobiphenyl	1.462	1.261	13.7	80	0.00
46		1,1'-Biphenyl	1.560	1.601	-2.6	93	0.00
47		2-Chloronaphthalene	1.155	1.160	-0.4	91	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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	0.362	0.396	-9.4	91	0.00
49		Acenaphthylene	1.935	1.936	-0.1	90	0.00
50		Dimethylphthalate	1.304	1.311	-0.5	89	0.00
51		2,6-Dinitrotoluene	0.265	0.291	-9.8	91	0.00
52	C	Acenaphthene	1.144	1.149	-0.4	91	0.00
53		3-Nitroaniline	0.310	0.333	-7.4	91	0.00
54	P	2,4-Dinitrophenol	0.098	0.113	-15.3	93	0.00
55		Dibenzofuran	1.698	1.697	0.1	90	0.00
56	P	4-Nitrophenol	0.232	0.245	-5.6	86	0.00
57		2,4-Dinitrotoluene	0.333	0.370	-11.1	90	0.00
58		Fluorene	1.274	1.249	2.0	89	0.00
59		2,3,4,6-Tetrachlorophenol	0.331	0.346	-4.5	90	0.00
60		Diethylphthalate	1.289	1.312	-1.8	90	0.00
61		4-Chlorophenyl-phenylether	0.635	0.641	-0.9	91	0.00
62		4-Nitroaniline	0.266	0.279	-4.9	86	0.00
63		Azobenzene	1.343	1.357	-1.0	89	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	84	0.00
65		4,6-Dinitro-2-methylphenol	0.094	0.108	-14.9	93	0.00
66	c	n-Nitrosodiphenylamine	0.704	0.709	-0.7	89	0.00
67		4-Bromophenyl-phenylether	0.238	0.243	-2.1	90	0.00
68		Hexachlorobenzene	0.249	0.251	-0.8	88	0.00
69		Atrazine	0.194	0.207	-6.7	89	0.00
70	C	Pentachlorophenol	0.147	0.155	-5.4	88	0.00
71		Phenanthrene	1.062	1.063	-0.1	88	0.00
72		Anthracene	1.083	1.098	-1.4	89	0.00
73		Carbazole	0.946	0.957	-1.2	87	0.00
74		Di-n-butylphthalate	1.070	1.132	-5.8	89	0.00
75	C	Fluoranthene	0.975	0.995	-2.1	88	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	89	0.00
77		Benzidine	0.771	0.833	-8.0	78	0.00
78		Pyrene	1.707	1.703	0.2	89	0.00
79	S	Terphenyl-d14	1.344	1.165	13.3	79	0.00
80		Butylbenzylphthalate	0.523	0.573	-9.6	94	0.00
81		Benzo(a)anthracene	1.339	1.337	0.1	93	0.00
82		3,3'-Dichlorobenzidine	0.446	0.488	-9.4	102	0.00
83		Chrysene	1.204	1.271	-5.6	94	0.00
84		Bis(2-ethylhexyl)phthalate	0.791	0.862	-9.0	98	0.00
85	c	Di-n-octyl phthalate	1.434	1.544	-7.7	100	0.00
86	I	Perylene-d12	1.000	1.000	0.0	96	0.00
87		Indeno(1,2,3-cd)pyrene	1.410	1.445	-2.5	98	0.00
88		Benzo(b)fluoranthene	1.222	1.322	-8.2	110	0.00
89		Benzo(k)fluoranthene	1.090	1.023	6.1	87	0.00
90	C	Benzo(a)pyrene	1.126	1.142	-1.4	98	0.00
91		Dibenzo(a,h)anthracene	1.148	1.168	-1.7	98	0.00
92		Benzo(g,h,i)perylene	1.110	1.149	-3.5	99	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
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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	86	0.00
2		1,4-Dioxane	40.000	38.496	3.8	83	-0.03
3		Pyridine	40.000	40.604	-1.5	89	-0.02
4		n-Nitrosodimethylamine	40.000	40.802	-2.0	87	-0.02
5	S	2-Fluorophenol	80.000	77.143	3.6	85	0.00
6		Aniline	40.000	41.078	-2.7	89	0.00
7	S	Phenol-d6	80.000	78.133	2.3	86	0.00
8		2-Chlorophenol	40.000	41.530	-3.8	90	0.00
9		Benzaldehyde	40.000	37.441	6.4	67	0.00
10	C	Phenol	40.000	40.827	-2.1	89	0.00
11		bis(2-Chloroethyl)ether	40.000	40.628	-1.6	89	0.00
12		1,3-Dichlorobenzene	40.000	40.400	-1.0	89	0.00
13	C	1,4-Dichlorobenzene	40.000	40.731	-1.8	90	0.00
14		1,2-Dichlorobenzene	40.000	41.506	-3.8	92	0.00
15		Benzyl Alcohol	40.000	41.958	-4.9	90	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	41.357	-3.4	91	0.00
17		2-Methylphenol	40.000	41.398	-3.5	91	0.00
18		Hexachloroethane	40.000	41.903	-4.8	92	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	40.342	-0.9	90	0.00
20		3+4-Methylphenols	40.000	42.387	-6.0	92	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	87	0.00
22		Acetophenone	40.000	40.260	-0.6	91	0.00
23	S	Nitrobenzene-d5	80.000	72.247	9.7	79	0.00
24		Nitrobenzene	40.000	41.731	-4.3	91	0.00
25		Isophorone	40.000	40.567	-1.4	91	0.00
26	C	2-Nitrophenol	40.000	44.896	-12.2	93	0.00
27		2,4-Dimethylphenol	40.000	40.773	-1.9	91	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.939	0.2	90	0.00
29	C	2,4-Dichlorophenol	40.000	40.875	-2.2	90	0.00
30		1,2,4-Trichlorobenzene	40.000	40.551	-1.4	91	0.00
31		Naphthalene	40.000	40.143	-0.4	90	0.00
32		Benzoic acid	40.000	39.782	0.5	88	0.00
33		4-Chloroaniline	40.000	40.671	-1.7	91	0.00
34	C	Hexachlorobutadiene	40.000	41.284	-3.2	92	0.00
35		Caprolactam	40.000	40.959	-2.4	87	0.00
36	C	4-Chloro-3-methylphenol	40.000	40.611	-1.5	89	0.00
37		2-Methylnaphthalene	40.000	40.279	-0.7	91	0.00
38		1-Methylnaphthalene	40.000	40.712	-1.8	91	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	87	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	40.944	-2.4	93	0.00
41	P	Hexachlorocyclopentadiene	40.000	42.872	-7.2	93	0.00
42	S	2,4,6-Tribromophenol	80.000	79.969	0.0	85	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.253	-0.6	91	0.00
44		2,4,5-Trichlorophenol	40.000	42.989	-7.5	92	0.00
45	S	2-Fluorobiphenyl	80.000	68.992	13.8	80	0.00
46		1,1'-Biphenyl	40.000	41.053	-2.6	93	0.00
47		2-Chloronaphthalene	40.000	40.184	-0.5	91	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	43.723	-9.3	91	0.00
49		Acenaphthylene	40.000	40.013	-0.0	90	0.00
50		Dimethylphthalate	40.000	40.218	-0.5	89	0.00
51		2,6-Dinitrotoluene	40.000	43.820	-9.6	91	0.00
52	C	Acenaphthene	40.000	40.176	-0.4	91	0.00
53		3-Nitroaniline	40.000	42.985	-7.5	91	0.00
54	P	2,4-Dinitrophenol	40.000	40.998	-2.5	93	0.00
55		Dibenzofuran	40.000	39.981	0.0	90	0.00
56	P	4-Nitrophenol	40.000	42.344	-5.9	86	0.00
57		2,4-Dinitrotoluene	40.000	44.440	-11.1	90	0.00
58		Fluorene	40.000	39.219	2.0	89	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	41.743	-4.4	90	0.00
60		Diethylphthalate	40.000	40.729	-1.8	90	0.00
61		4-Chlorophenyl-phenylether	40.000	40.377	-0.9	91	0.00
62		4-Nitroaniline	40.000	41.953	-4.9	86	0.00
63		Azobenzene	40.000	40.414	-1.0	89	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	84	0.00
65		4,6-Dinitro-2-methylphenol	40.000	41.869	-4.7	93	0.00
66	c	n-Nitrosodiphenylamine	40.000	40.250	-0.6	89	0.00
67		4-Bromophenyl-phenylether	40.000	40.828	-2.1	90	0.00
68		Hexachlorobenzene	40.000	40.268	-0.7	88	0.00
69		Atrazine	40.000	42.615	-6.5	89	0.00
70	C	Pentachlorophenol	40.000	42.292	-5.7	88	0.00
71		Phenanthrene	40.000	40.026	-0.1	88	0.00
72		Anthracene	40.000	40.557	-1.4	89	0.00
73		Carbazole	40.000	40.476	-1.2	87	0.00
74		Di-n-butylphthalate	40.000	42.330	-5.8	89	0.00
75	C	Fluoranthene	40.000	40.836	-2.1	88	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	89	0.00
77		Benzidine	40.000	43.239	-8.1	78	0.00
78		Pyrene	40.000	39.916	0.2	89	0.00
79	S	Terphenyl-d14	80.000	69.333	13.3	79	0.00
80		Butylbenzylphthalate	40.000	43.827	-9.6	94	0.00
81		Benzo(a)anthracene	40.000	39.950	0.1	93	0.00
82		3,3'-Dichlorobenzidine	40.000	43.772	-9.4	102	0.00
83		Chrysene	40.000	42.233	-5.6	94	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	43.578	-8.9	98	0.00
85	c	Di-n-octyl phthalate	40.000	43.077	-7.7	100	0.00
86	I	Perylene-d12	20.000	20.000	0.0	96	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	40.983	-2.5	98	0.00
88		Benzo(b)fluoranthene	40.000	43.278	-8.2	110	0.00
89		Benzo(k)fluoranthene	40.000	37.531	6.2	87	0.00
90	C	Benzo(a)pyrene	40.000	40.594	-1.5	98	0.00
91		Dibenzo(a,h)anthracene	40.000	40.710	-1.8	98	0.00
92		Benzo(g,h,i)perylene	40.000	41.394	-3.5	99	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG No.: Q2645

Instrument ID: BNA_F Calibration Date/Time: 07/23/2025 14:33

Lab File ID: BF143210.D Init. Calib. Date(s): 07/17/2025 07/17/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:04 14:34

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.264	1.243		-1.7	
Benzaldehyde	1.193	1.066		-10.6	
Phenol-d6	1.591	1.523		-4.3	
Phenol	1.733	1.726		-0.4	20.0
bis(2-Chloroethyl)ether	1.327	1.254		-5.5	
2-Chlorophenol	1.325	1.298		-2.0	
2-Methylphenol	1.114	1.066		-4.3	
2,2-oxybis(1-Chloropropane)	2.461	2.315		-5.9	
Acetophenone	0.474	0.460		-3.0	
3+4-Methylphenols	1.351	1.319		-2.4	
n-Nitroso-di-n-propylamine	1.021	0.929	0.050	-9.0	
Nitrobenzene-d5	0.401	0.408		1.7	
Hexachloroethane	0.502	0.518		3.2	
Nitrobenzene	0.374	0.377		0.8	
Isophorone	0.708	0.669		-5.5	
2-Nitrophenol	0.162	0.179		10.5	20.0
2,4-Dimethylphenol	0.331	0.316		-4.5	
bis(2-Chloroethoxy)methane	0.425	0.401		-5.6	
2,4-Dichlorophenol	0.279	0.275		-1.4	20.0
Naphthalene	0.985	0.978		-0.7	
4-Chloroaniline	0.402	0.385		-4.2	
Hexachlorobutadiene	0.184	0.189		2.7	20.0
Caprolactam	0.084	0.086		2.4	
4-Chloro-3-methylphenol	0.303	0.294		-3.0	20.0
2-Methylnaphthalene	0.599	0.593		-1.0	
Hexachlorocyclopentadiene	0.376	0.395	0.050	5.1	
2,4,6-Trichlorophenol	0.400	0.386		-3.5	20.0
2-Fluorobiphenyl	1.462	1.452		-0.7	
2,4,5-Trichlorophenol	0.400	0.402		0.5	
1,1-Biphenyl	1.560	1.539		-1.3	
2-Chloronaphthalene	1.155	1.124		-2.7	
2-Nitroaniline	0.362	0.373		3.0	
Dimethylphthalate	1.304	1.287		-1.3	
Acenaphthylene	1.935	1.886		-2.5	
2,6-Dinitrotoluene	0.265	0.272		2.6	
3-Nitroaniline	0.310	0.321		3.5	
Acenaphthene	1.144	1.132		-1.0	20.0
2,4-Dinitrophenol	0.098	0.121	0.050	23.5	
4-Nitrophenol	0.232	0.241	0.050	3.9	

Form VII SV-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: TETR06

Lab Code: ACE SDG No.: Q2645

Instrument ID: BNA_F Calibration Date/Time: 07/23/2025 14:33

Lab File ID: BF143210.D Init. Calib. Date(s): 07/17/2025 07/17/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:04 14:34

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.698	1.669		-1.7	
2,4-Dinitrotoluene	0.333	0.361		8.4	
Diethylphthalate	1.289	1.275		-1.1	
4-Chlorophenyl-phenylether	0.635	0.635		0.0	
Fluorene	1.274	1.270		-0.3	
4-Nitroaniline	0.266	0.288		8.3	
4,6-Dinitro-2-methylphenol	0.094	0.106		12.8	
n-Nitrosodiphenylamine	0.704	0.668		-5.1	20.0
2,4,6-Tribromophenol	0.207	0.202		-2.4	
4-Bromophenyl-phenylether	0.238	0.229		-3.8	
Hexachlorobenzene	0.249	0.244		-2.0	
Atrazine	0.194	0.204		5.2	
Pentachlorophenol	0.147	0.134		-8.8	20.0
Phenanthrene	1.062	1.044		-1.7	
Anthracene	1.083	1.077		-0.6	
Carbazole	0.946	0.981		3.7	
Di-n-butylphthalate	1.070	1.183		10.6	
Fluoranthene	0.975	1.087		11.5	20.0
Pyrene	1.707	1.483		-13.1	
Terphenyl-d14	1.344	1.178		-12.4	
Butylbenzylphthalate	0.523	0.616		17.8	
3,3-Dichlorobenzidine	0.446	0.430		-3.6	
Benzo(a)anthracene	1.339	1.274		-4.9	
Chrysene	1.204	1.200		-0.3	
Bis(2-ethylhexyl)phthalate	0.791	0.860		8.7	
Di-n-octyl phthalate	1.434	1.441		0.5	20.0
Benzo(b)fluoranthene	1.222	1.277		4.5	
Benzo(k)fluoranthene	1.090	0.998		-8.4	
Benzo(a)pyrene	1.126	1.108		-1.6	20.0
Indeno(1,2,3-cd)pyrene	1.410	1.357		-3.8	
Dibenzo(a,h)anthracene	1.148	1.110		-3.3	
Benzo(g,h,i)perylene	1.110	1.097		-1.2	
1,2,4,5-Tetrachlorobenzene	0.577	0.577		0.0	
1,4-Dioxane	0.598	0.584		-2.3	20.0
2,3,4,6-Tetrachlorophenol	0.331	0.297		-10.3	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	97351	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	364498	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	187438	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	309922	20.000	ng		0.00
76) Chrysene-d12	14.121	240	228057	20.000	ng		0.00
86) Perylene-d12	15.627	264	245226	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.592	112	484136	78.697	ng		0.00
7) Phenol-d6	6.592	99	593088	76.594	ng		0.00
23) Nitrobenzene-d5	7.522	82	594723	81.332	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	151520	78.251	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1088775	79.441	ng		0.00
79) Terphenyl-d14	13.063	244	1074970	70.144	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.799	88	113651	39.043	ng		98
3) Pyridine	3.575	79	283334	37.501	ng		98
4) n-Nitrosodimethylamine	3.510	42	151578	38.857	ng		97
6) Aniline	6.628	93	402849	37.330	ng		99
8) 2-Chlorophenol	6.751	128	252794	39.203	ng		97
9) Benzaldehyde	6.510	77	207569	35.749	ng		98
10) Phenol	6.604	94	336045	39.837	ng		97
11) bis(2-Chloroethyl)ether	6.692	93	244219	37.812	ng		99
12) 1,3-Dichlorobenzene	6.910	146	281071	40.124	ng		98
13) 1,4-Dichlorobenzene	6.981	146	280709	39.792	ng		99
14) 1,2-Dichlorobenzene	7.134	146	269162	40.116	ng		99
15) Benzyl Alcohol	7.098	79	228448	38.639	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	450642	37.612	ng		99
17) 2-Methylphenol	7.210	107	207561	38.282	ng		99
18) Hexachloroethane	7.481	117	100851	41.296	ng		98
19) n-Nitroso-di-n-propyla...	7.369	70	180795	36.393	ng		98
20) 3+4-Methylphenols	7.363	107	256887	39.051	ng	#	77
22) Acetophenone	7.369	105	335287	38.853	ng	#	99
24) Nitrobenzene	7.539	77	274884	40.321	ng		99
25) Isophorone	7.781	82	487827	37.791	ng		98
26) 2-Nitrophenol	7.857	139	130397	44.072	ng		99
27) 2,4-Dimethylphenol	7.892	122	230195	38.169	ng		99
28) bis(2-Chloroethoxy)met...	7.986	93	292069	37.737	ng		99
29) 2,4-Dichlorophenol	8.098	162	200347	39.391	ng		99
30) 1,2,4-Trichlorobenzene	8.186	180	223983	40.763	ng		100
31) Naphthalene	8.269	128	713073	39.723	ng		99
32) Benzoic acid	7.986	122	138803	41.627	ng		98
33) 4-Chloroaniline	8.310	127	280428	38.259	ng		99
34) Hexachlorobutadiene	8.386	225	137489	40.960	ng		99
35) Caprolactam	8.663	113	62853	40.895	ng		99
36) 4-Chloro-3-methylphenol	8.786	107	214294	38.764	ng		97
37) 2-Methylnaphthalene	8.957	142	432353	39.580	ng		100
38) 1-Methylnaphthalene	9.057	142	448502	39.872	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	216223	39.956	ng		99
41) Hexachlorocyclopentadiene	9.116	237	148176	42.082	ng		98
43) 2,4,6-Trichlorophenol	9.233	196	144660	38.625	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

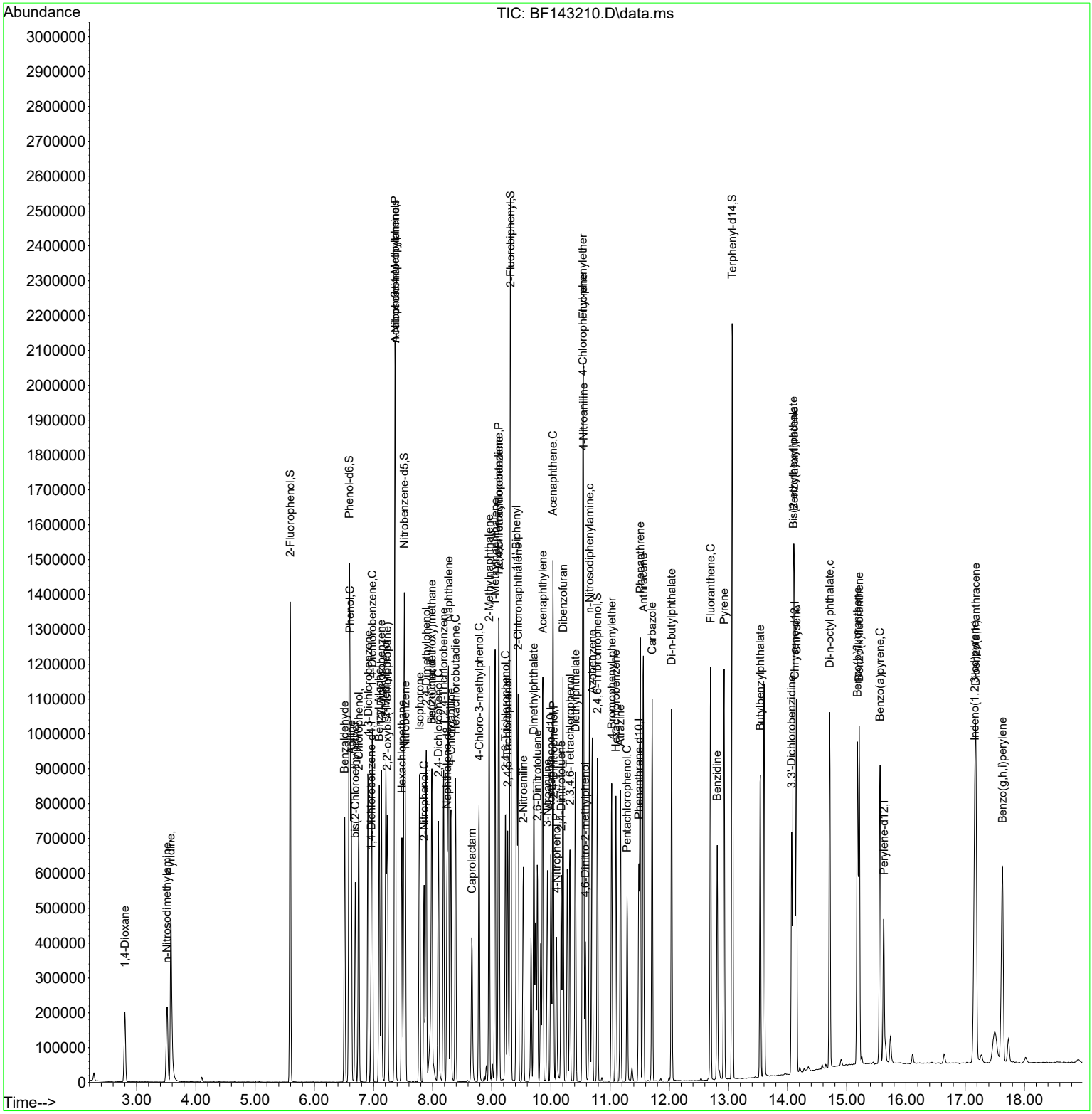
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	150645	40.211	ng		98
46) 1,1'-Biphenyl	9.416	154	576976	39.454	ng		100
47) 2-Chloronaphthalene	9.445	162	421533	38.957	ng		99
48) 2-Nitroaniline	9.533	65	139765	41.188	ng		99
49) Acenaphthylene	9.863	152	707016	38.989	ng		100
50) Dimethylphthalate	9.710	163	482643	39.503	ng		100
51) 2,6-Dinitrotoluene	9.769	165	101938	41.014	ng		96
52) Acenaphthene	10.033	154	424478	39.605	ng		99
53) 3-Nitroaniline	9.939	138	120421	41.423	ng		98
54) 2,4-Dinitrophenol	10.045	184	45389	43.601	ng	#	50
55) Dibenzofuran	10.204	168	625794	39.327	ng		100
56) 4-Nitrophenol	10.092	139	90214	41.556	ng		97
57) 2,4-Dinitrotoluene	10.175	165	135422	43.429	ng		96
58) Fluorene	10.545	166	476175	39.871	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	111208	35.835	ng		98
60) Diethylphthalate	10.416	149	478128	39.593	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	238049	40.030	ng		98
62) 4-Nitroaniline	10.551	138	108074	43.376	ng		99
63) Azobenzene	10.698	77	489180	38.867	ng		99
65) 4,6-Dinitro-2-methylph...	10.580	198	65757	41.322	ng		94
66) n-Nitrosodiphenylamine	10.651	169	413888	37.925	ng		100
67) 4-Bromophenyl-phenylether	11.027	248	142152	38.488	ng		99
68) Hexachlorobenzene	11.098	284	150979	39.109	ng		99
69) Atrazine	11.174	200	126687	42.107	ng		99
70) Pentachlorophenol	11.286	266	83028	36.572	ng		99
71) Phenanthrene	11.510	178	646817	39.306	ng		100
72) Anthracene	11.563	178	667319	39.761	ng		100
73) Carbazole	11.710	167	608177	41.500	ng		99
74) Di-n-butylphthalate	12.039	149	733248	44.219	ng		100
75) Fluoranthene	12.698	202	673881	44.615	ng		99
77) Benzidine	12.810	184	357711	40.712	ng		98
78) Pyrene	12.927	202	676567	34.761	ng		99
80) Butylbenzylphthalate	13.539	149	280954	47.140	ng		97
81) Benzo(a)anthracene	14.110	228	581201	38.065	ng		100
82) 3,3'-Dichlorobenzidine	14.068	252	196307	38.576	ng		100
83) Chrysene	14.151	228	547436	39.878	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	392081	43.463	ng		99
85) Di-n-octyl phthalate	14.710	149	657230	40.193	ng		99
87) Indeno(1,2,3-cd)pyrene	17.162	276	665501	38.487	ng		99
88) Benzo(b)fluoranthene	15.180	252	626496	41.819	ng		99
89) Benzo(k)fluoranthene	15.210	252	489587	36.623	ng		100
90) Benzo(a)pyrene	15.562	252	543505	39.377	ng		99
91) Dibenzo(a,h)anthracene	17.180	278	544233	38.668	ng		99
92) Benzo(g,h,i)perylene	17.633	276	538105	39.524	ng		99

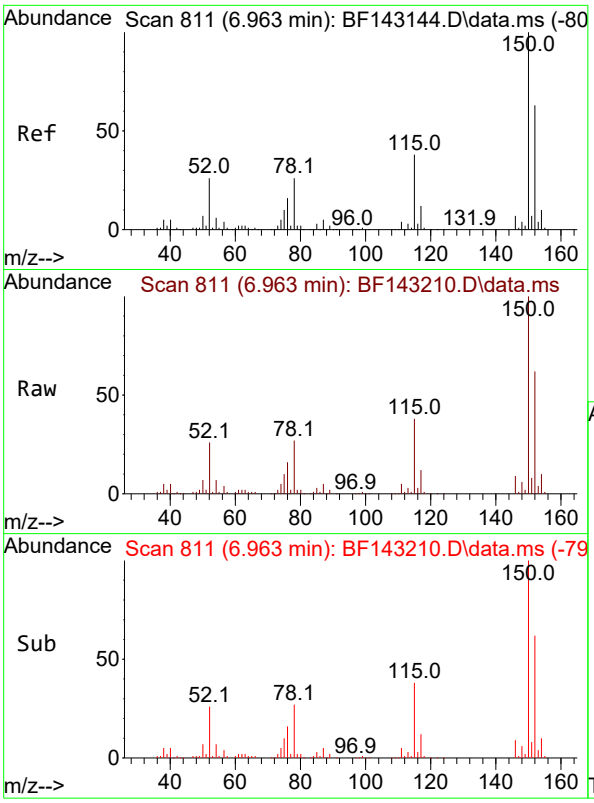
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



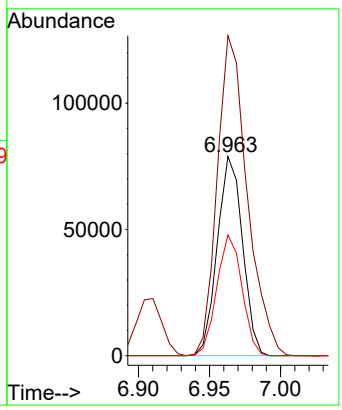


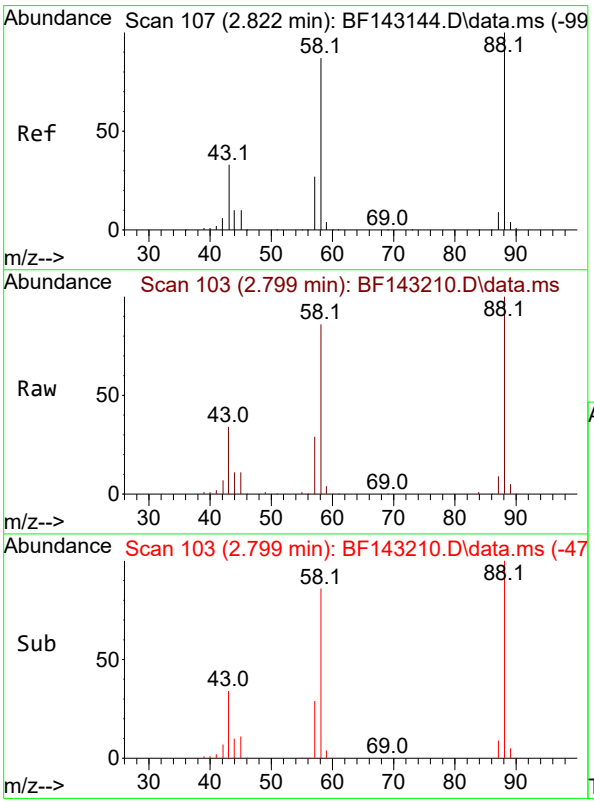
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 97351

Ion	Ratio	Lower	Upper
152	100		
150	160.7	128.2	192.4
115	60.7	47.9	71.9

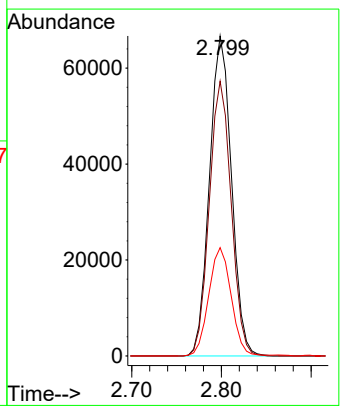


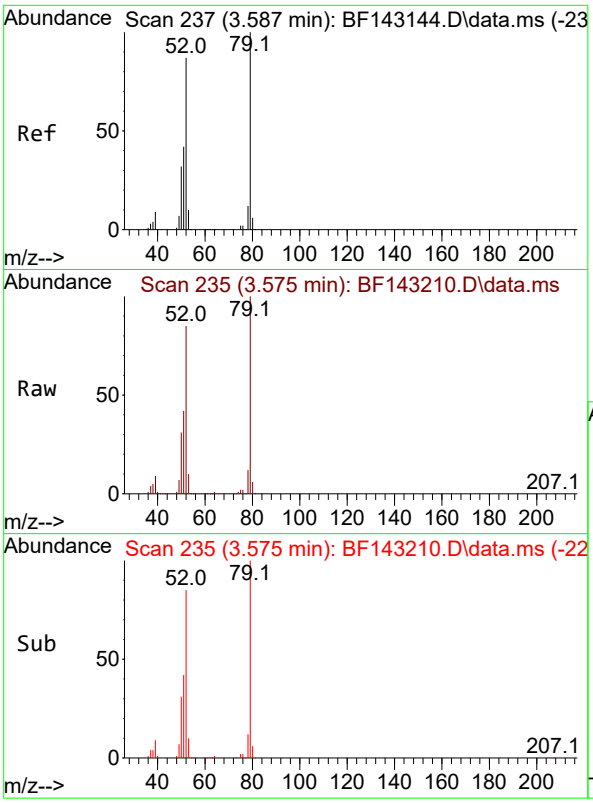


#2
1,4-Dioxane
Concen: 39.043 ng
RT: 2.799 min Scan# 103
Delta R.T. -0.024 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 88 Resp: 113651

Ion	Ratio	Lower	Upper
88	100		
58	85.3	70.2	105.2
43	34.6	27.1	40.7



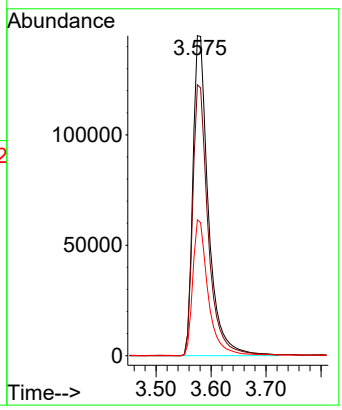


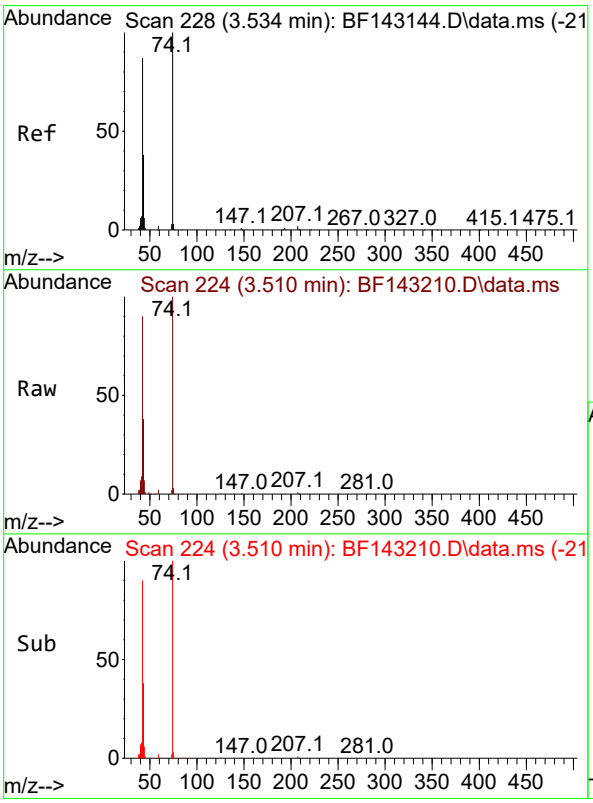
#3
Pyridine
Concen: 37.501 ng
RT: 3.575 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 283334

Ion	Ratio	Lower	Upper
79	100		
52	84.7	69.4	104.2
51	42.4	33.5	50.3

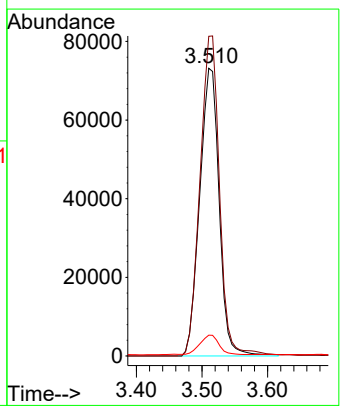


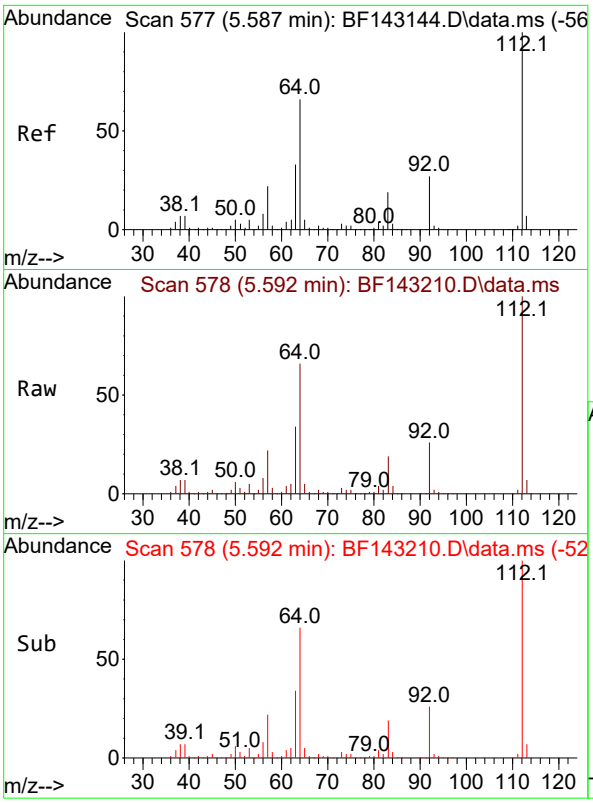


#4
n-Nitrosodimethylamine
Concen: 38.857 ng
RT: 3.510 min Scan# 224
Delta R.T. -0.024 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 42 Resp: 151578

Ion	Ratio	Lower	Upper
42	100		
74	111.1	91.7	137.5
44	7.3	5.6	8.4



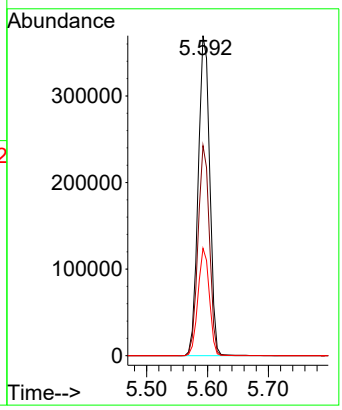


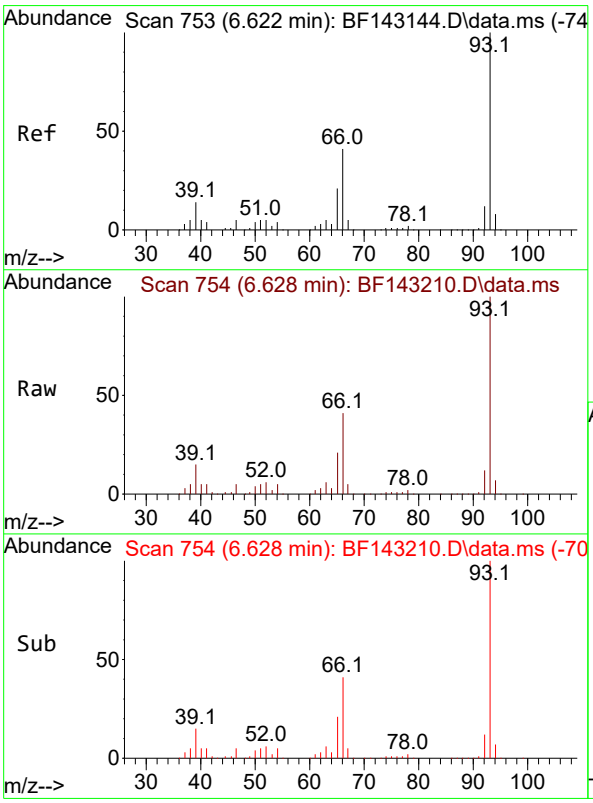
#5
2-Fluorophenol
Concen: 78.697 ng
RT: 5.592 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 484136

Ion	Ratio	Lower	Upper
112	100		
64	65.6	53.1	79.7
63	33.5	26.6	40.0

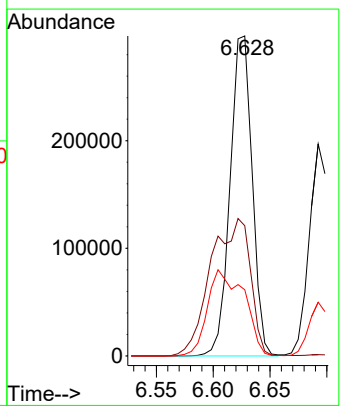


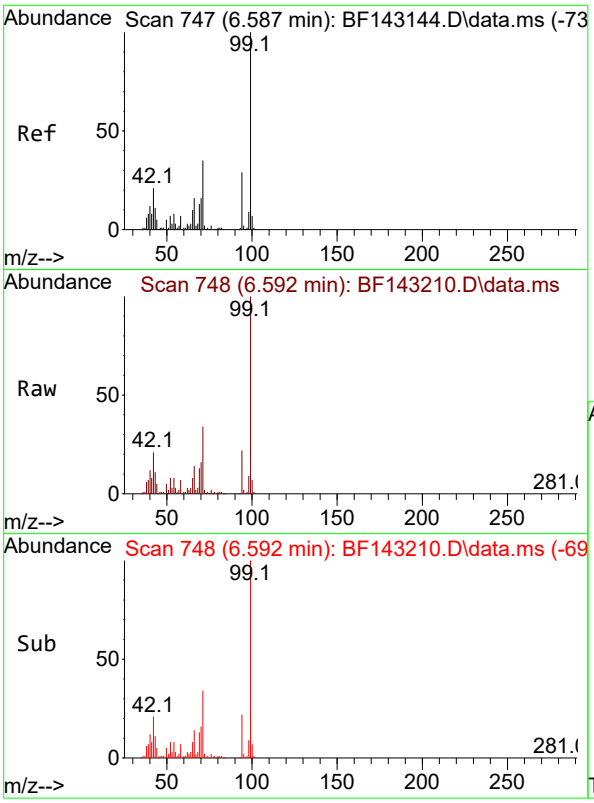


#6
Aniline
Concen: 37.330 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 93 Resp: 402849

Ion	Ratio	Lower	Upper
93	100		
66	40.7	33.2	49.8
65	20.7	16.9	25.3



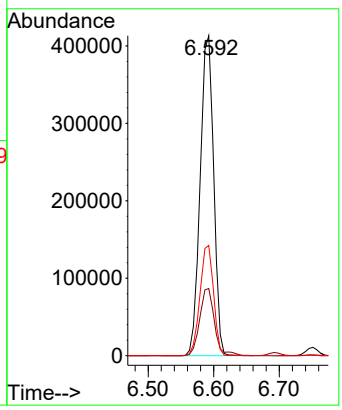


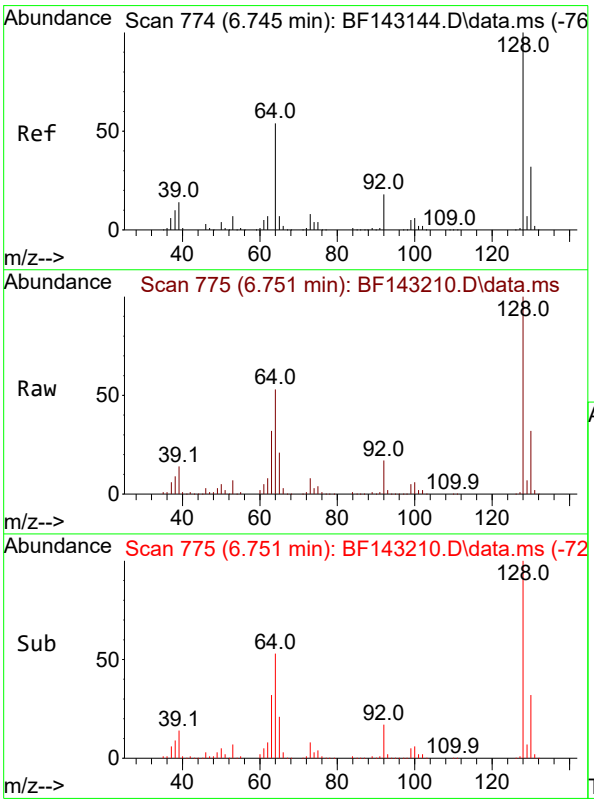
#7
Phenol-d6
Concen: 76.594 ng
RT: 6.592 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 593088

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.0	25.6
71	34.5	27.7	41.5

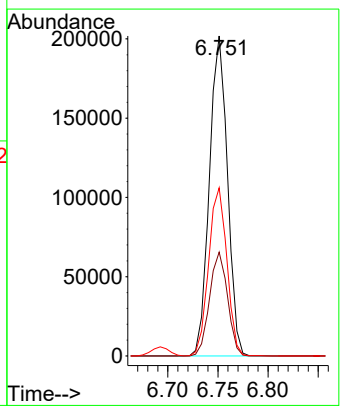


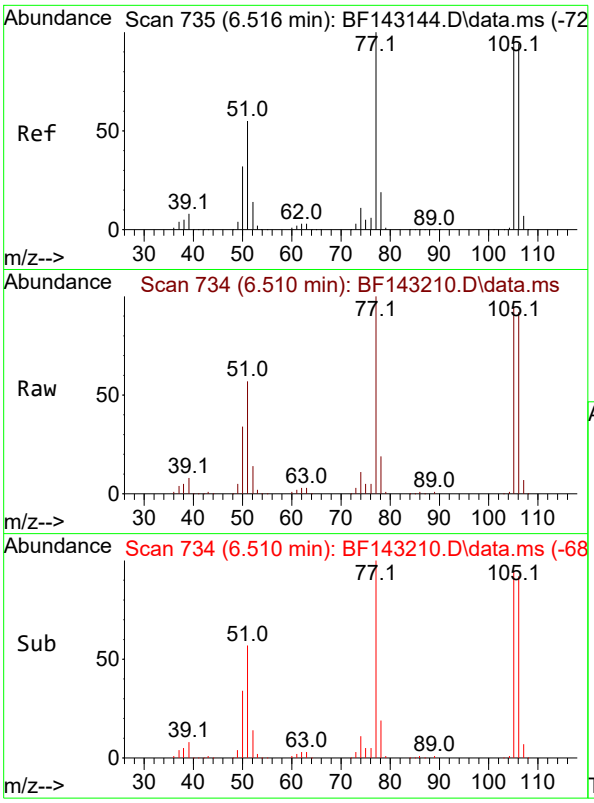


#8
2-Chlorophenol
Concen: 39.203 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:128 Resp: 252794

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.3	52.3
64	52.6	35.9	75.9



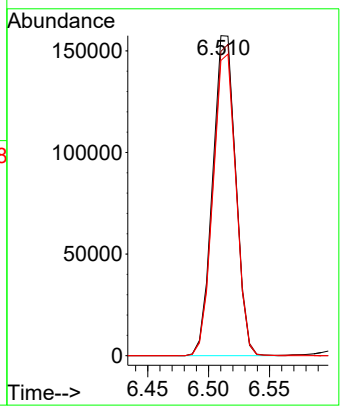


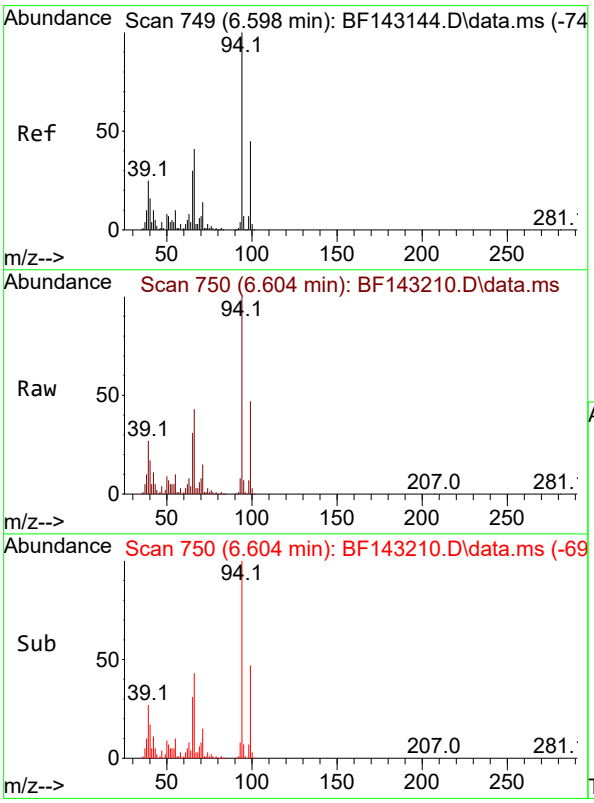
#9
Benzaldehyde
Concen: 35.749 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 207569

Ion	Ratio	Lower	Upper
77	100		
105	95.1	76.8	116.8
106	92.3	74.4	114.4

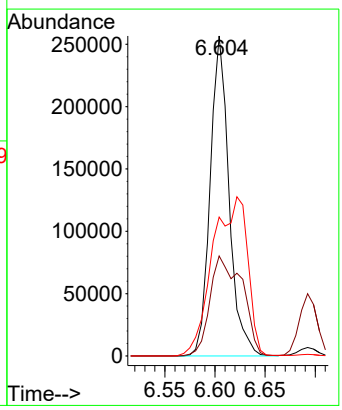


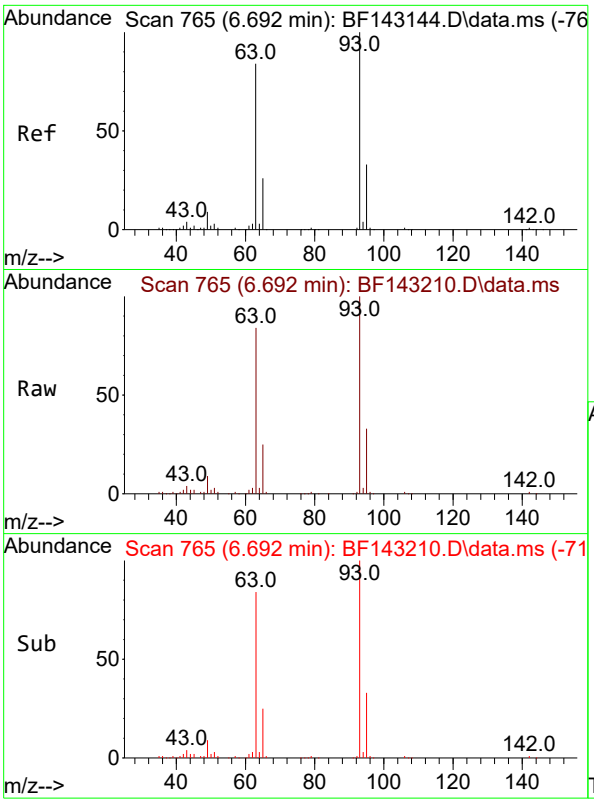


#10
Phenol
Concen: 39.837 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 94 Resp: 336045

Ion	Ratio	Lower	Upper
94	100		
65	31.2	10.0	50.0
66	43.4	20.8	60.8



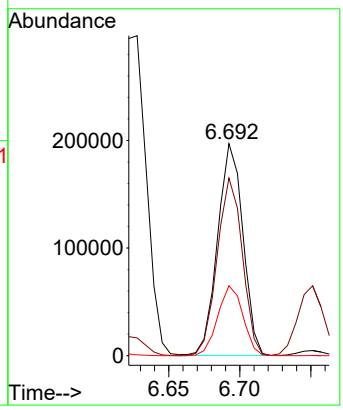


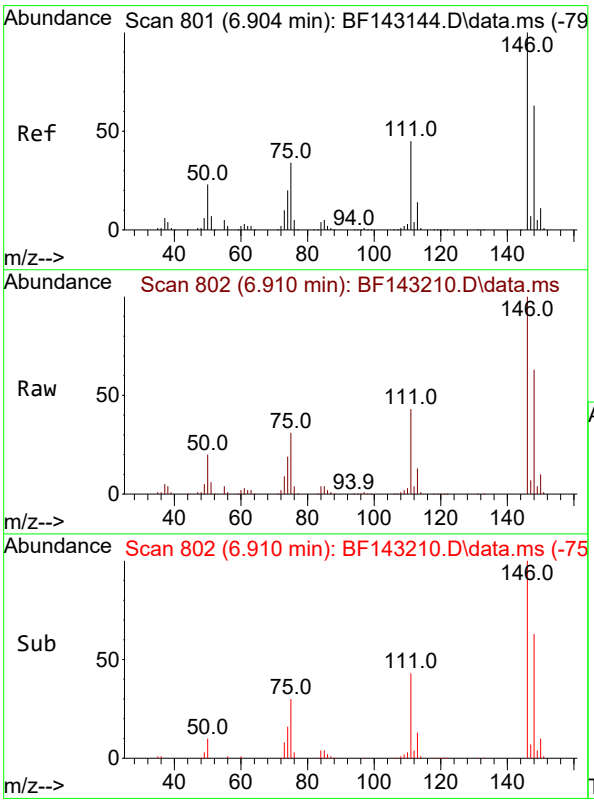
#11
bis(2-Chloroethyl)ether
Concen: 37.812 ng
RT: 6.692 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 244219

Ion	Ratio	Lower	Upper
93	100		
63	83.8	63.4	103.4
95	33.0	12.4	52.4

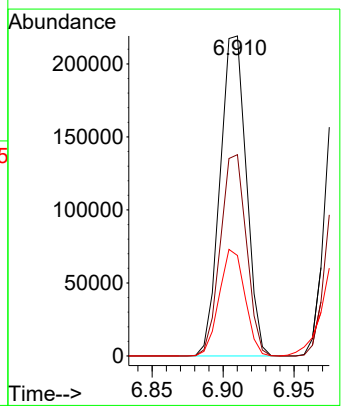


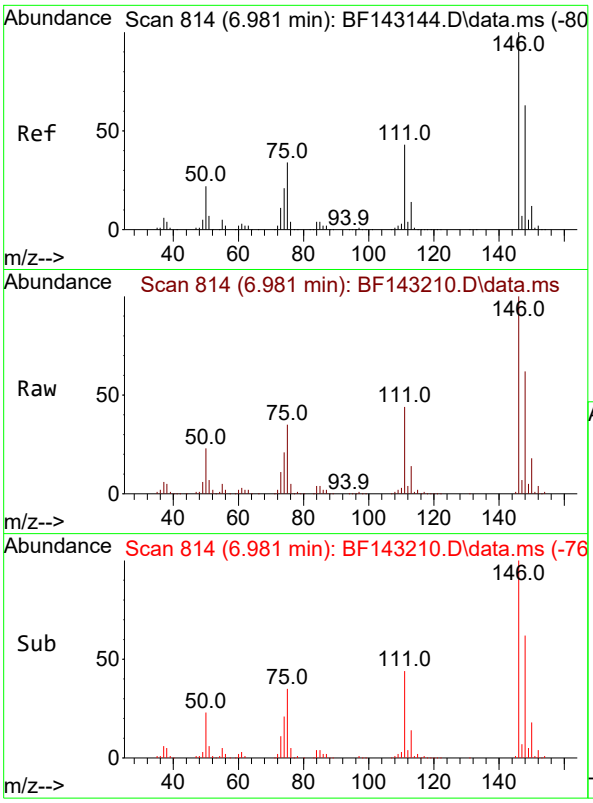


#12
1,3-Dichlorobenzene
Concen: 40.124 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:146 Resp: 281071

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	76.0
75	31.4	27.4	41.2



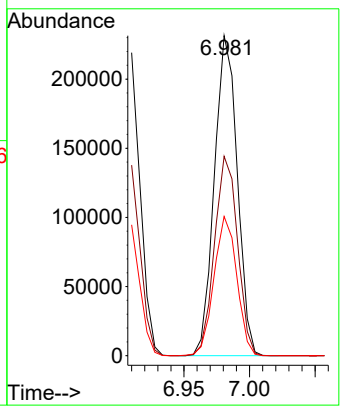


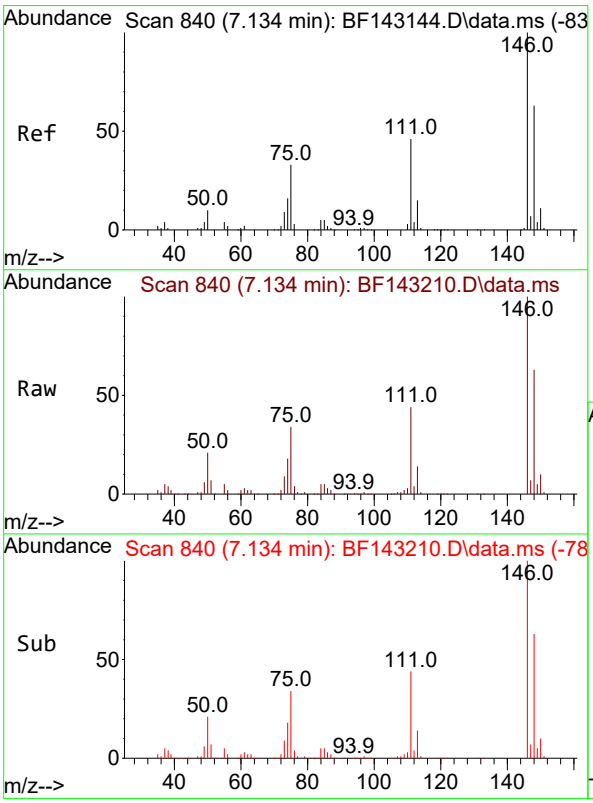
#13
1,4-Dichlorobenzene
Concen: 39.792 ng
RT: 6.981 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 280709

Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.3	75.5
111	43.5	34.4	51.6

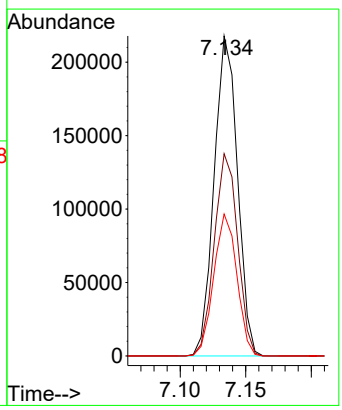


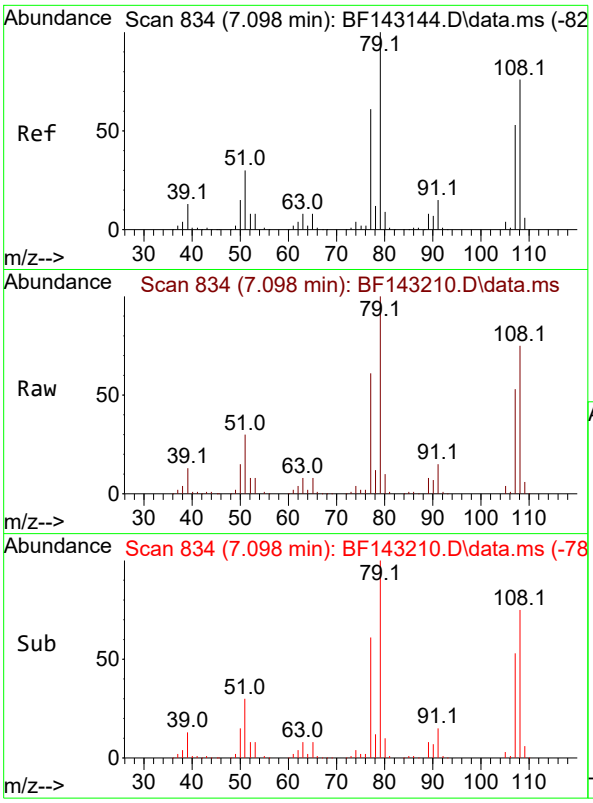


#14
1,2-Dichlorobenzene
Concen: 40.116 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:146 Resp: 269162

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.7	76.1
111	44.3	36.6	54.8



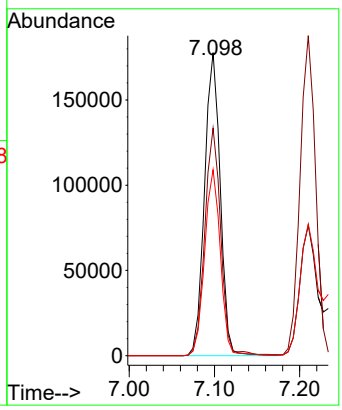


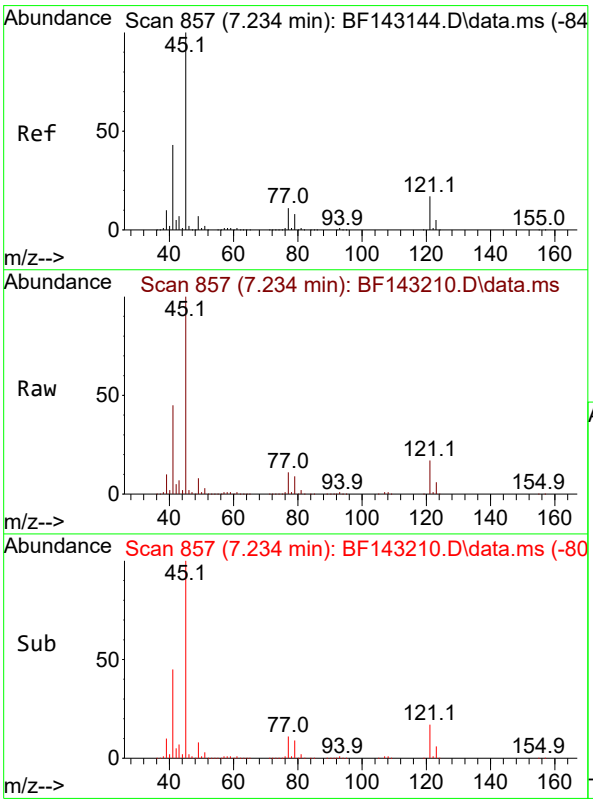
#15
Benzyl Alcohol
Concen: 38.639 ng
RT: 7.098 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 228448

Ion	Ratio	Lower	Upper
79	100		
108	75.1	61.1	91.7
77	61.4	48.9	73.3

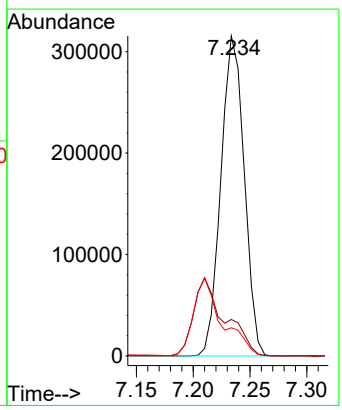


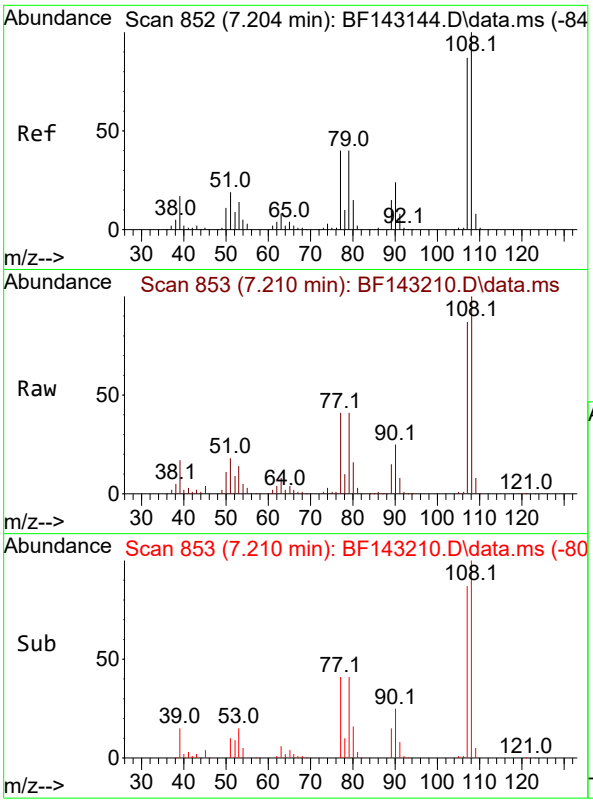


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.612 ng
RT: 7.234 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 45 Resp: 450642

Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	31.2
79	8.8	0.0	28.5



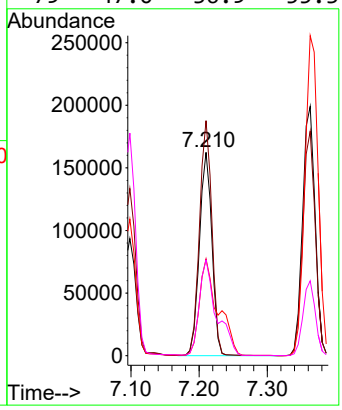


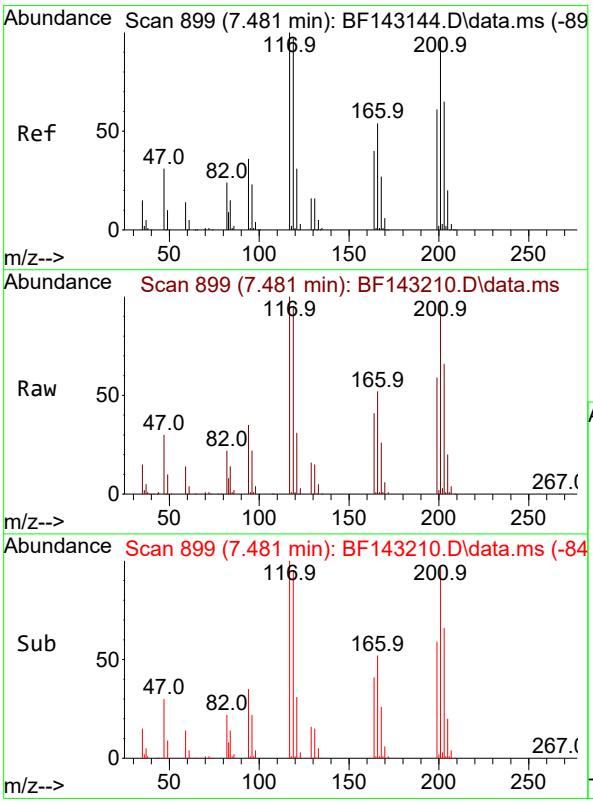
#17
2-Methylphenol
Concen: 38.282 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 207561

Ion	Ratio	Lower	Upper
107	100		
108	115.5	91.8	137.6
77	47.6	37.0	55.6
79	47.0	36.9	55.3

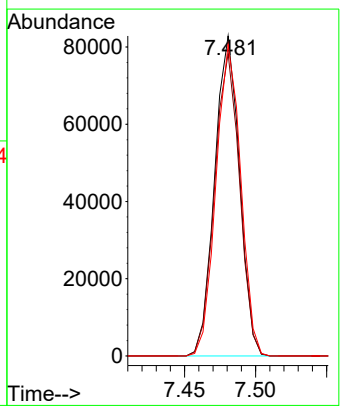


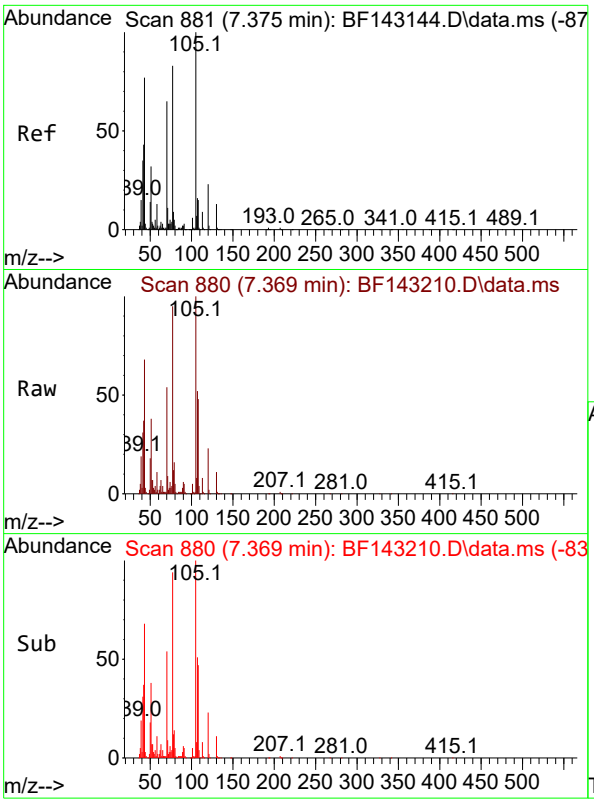


#18
Hexachloroethane
Concen: 41.296 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:117 Resp: 100851

Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.8	116.8
201	97.3	77.0	115.4



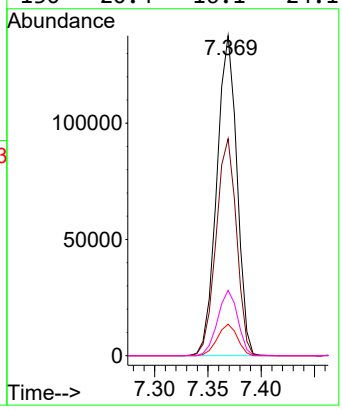


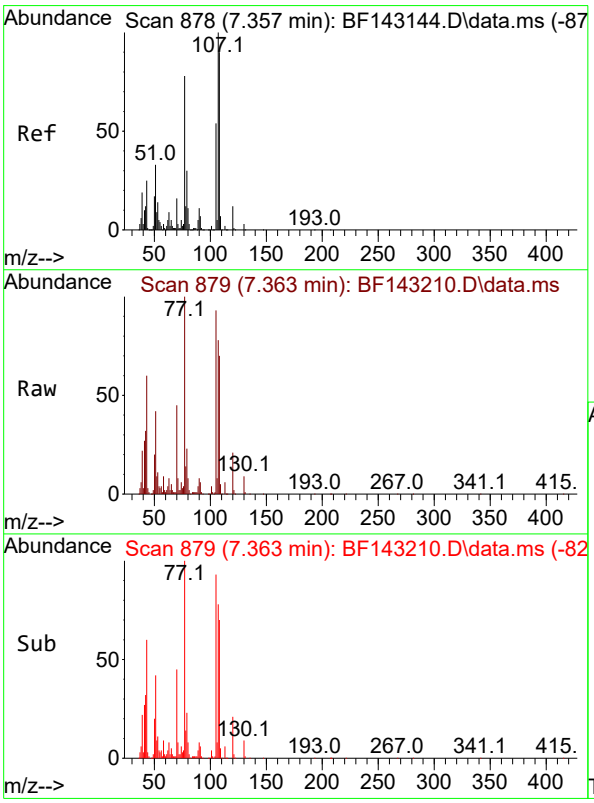
#19
n-Nitroso-di-n-propylamine
Concen: 36.393 ng
RT: 7.369 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 180795

Ion	Ratio	Lower	Upper
70	100		
42	67.8	52.5	78.7
101	9.9	7.6	11.4
130	20.4	16.1	24.1

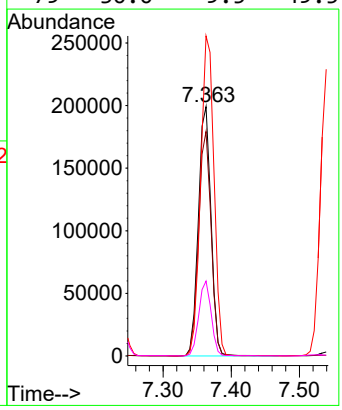


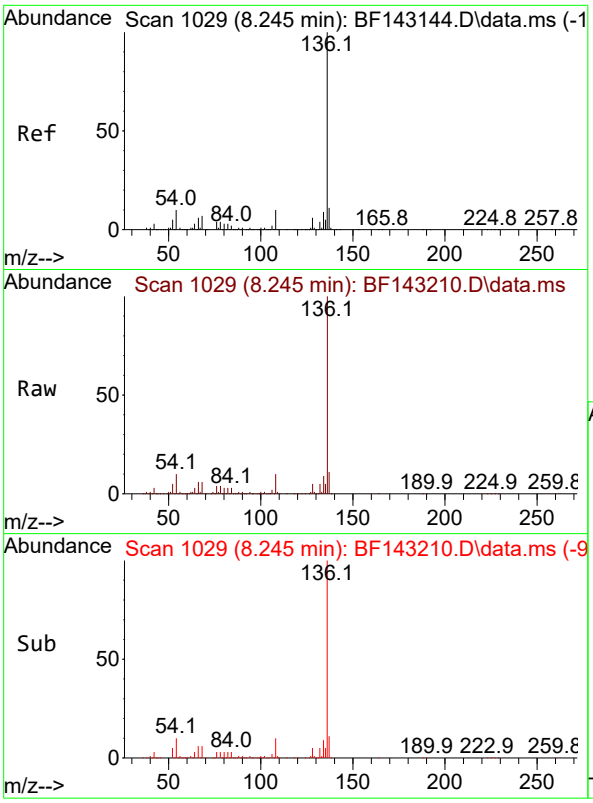


#20
3+4-Methylphenols
Concen: 39.051 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:107 Resp: 256887

Ion	Ratio	Lower	Upper
107	100		
108	90.0	70.0	110.0
77	128.3	57.8	97.8#
79	30.0	9.5	49.5



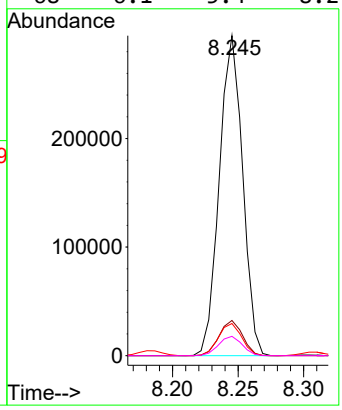


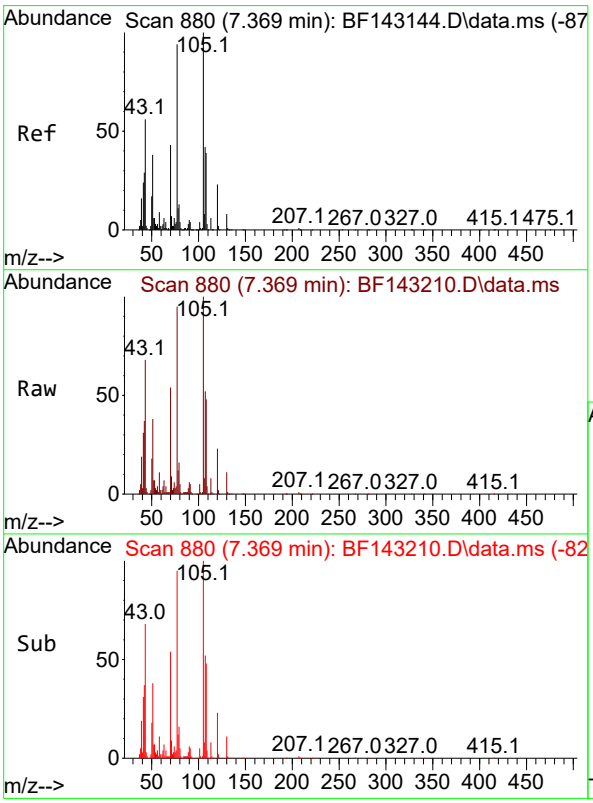
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 364498

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.1	8.2	12.2
68	6.1	5.4	8.2

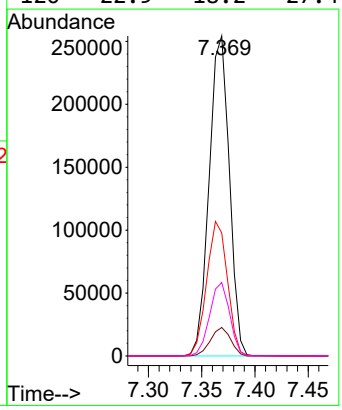


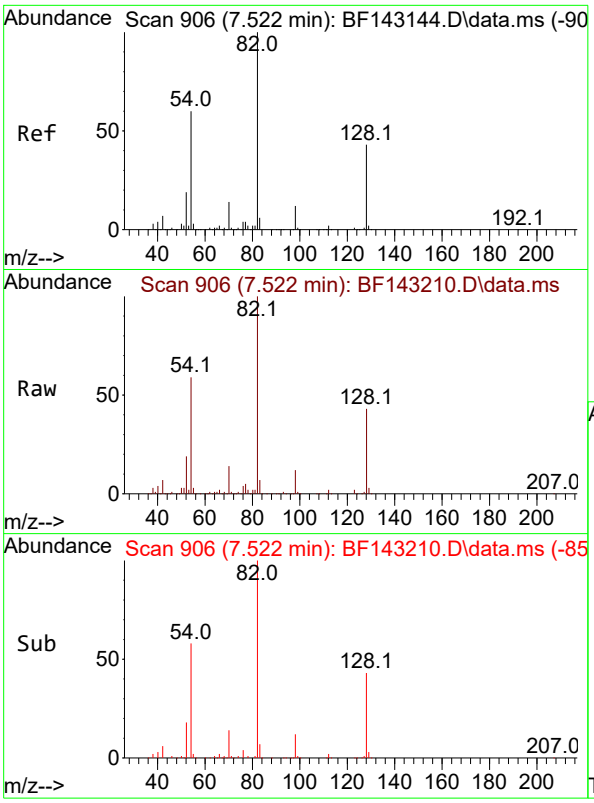


#22
Acetophenone
Concen: 38.853 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:105 Resp: 335287

Ion	Ratio	Lower	Upper
105	100		
71	8.9	5.8	8.6#
51	38.5	30.2	45.2
120	22.9	18.2	27.4



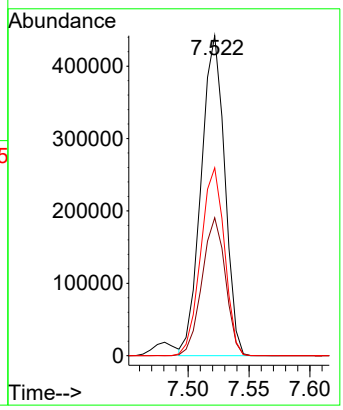


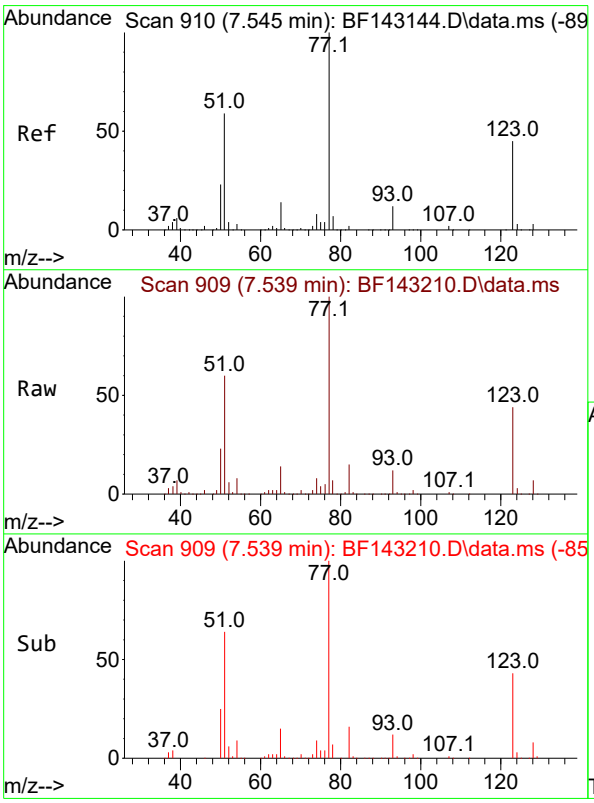
#23
Nitrobenzene-d5
Concen: 81.332 ng
RT: 7.522 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 594723

Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.6	50.4
54	58.7	47.1	70.7

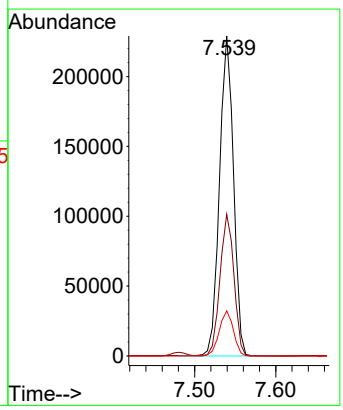


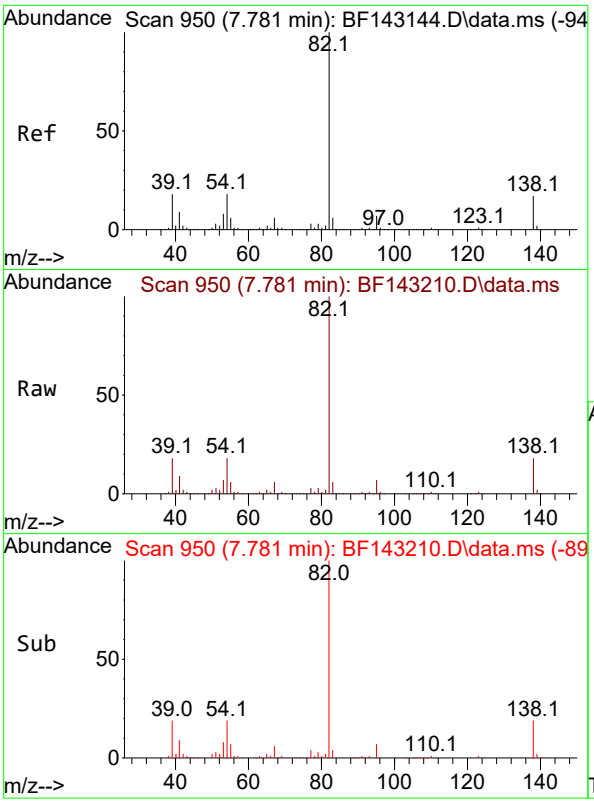


#24
Nitrobenzene
Concen: 40.321 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 77 Resp: 274884

Ion	Ratio	Lower	Upper
77	100		
123	44.3	36.1	54.1
65	14.1	11.4	17.2



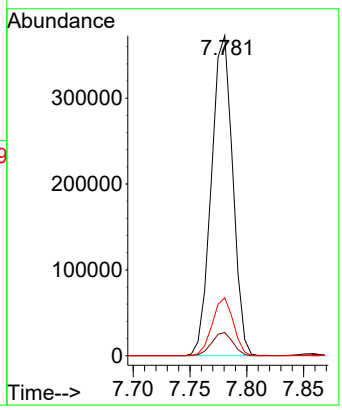


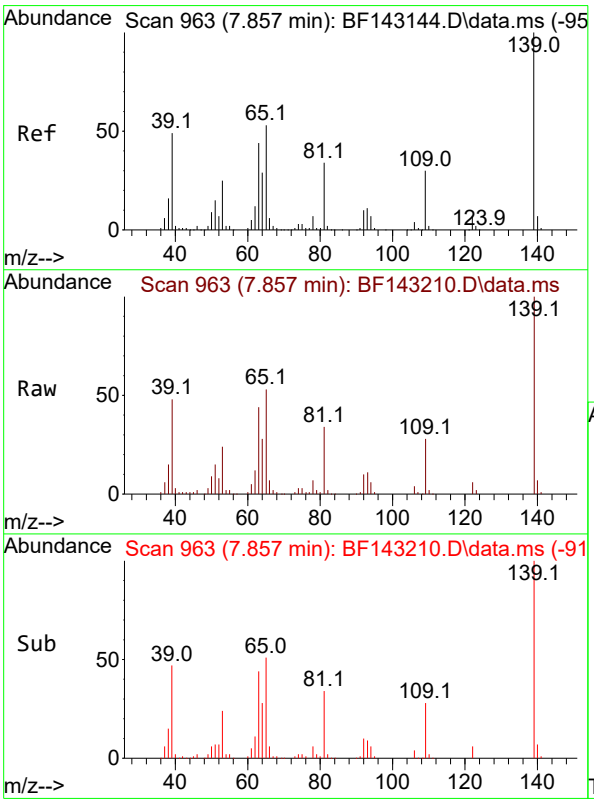
#25
Isophorone
Concen: 37.791 ng
RT: 7.781 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 487827

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.5	8.3
138	18.1	13.8	20.8

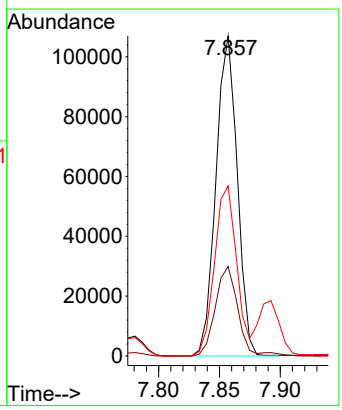


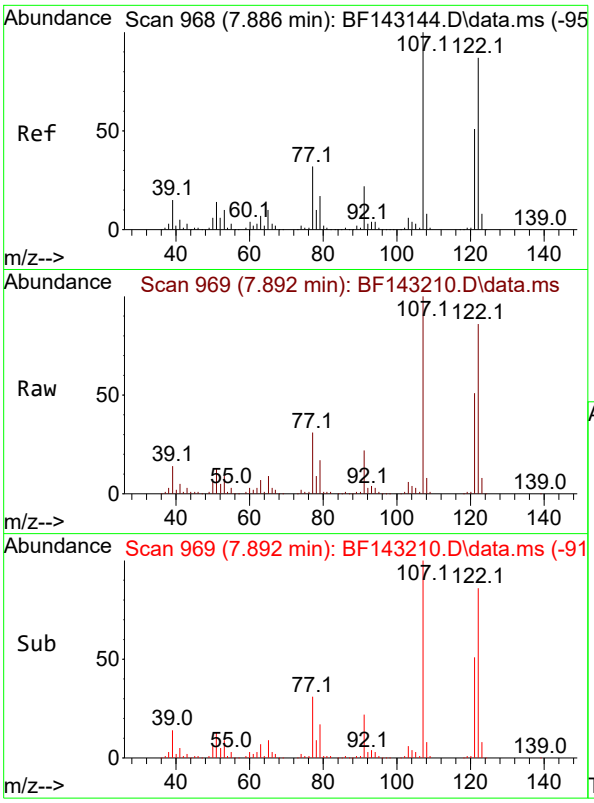


#26
2-Nitrophenol
Concen: 44.072 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:139 Resp: 130397

Ion	Ratio	Lower	Upper
139	100		
109	28.0	23.6	35.4
65	53.2	42.6	64.0



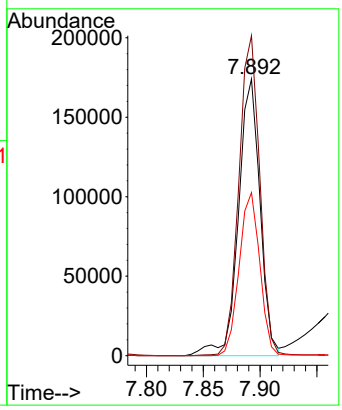


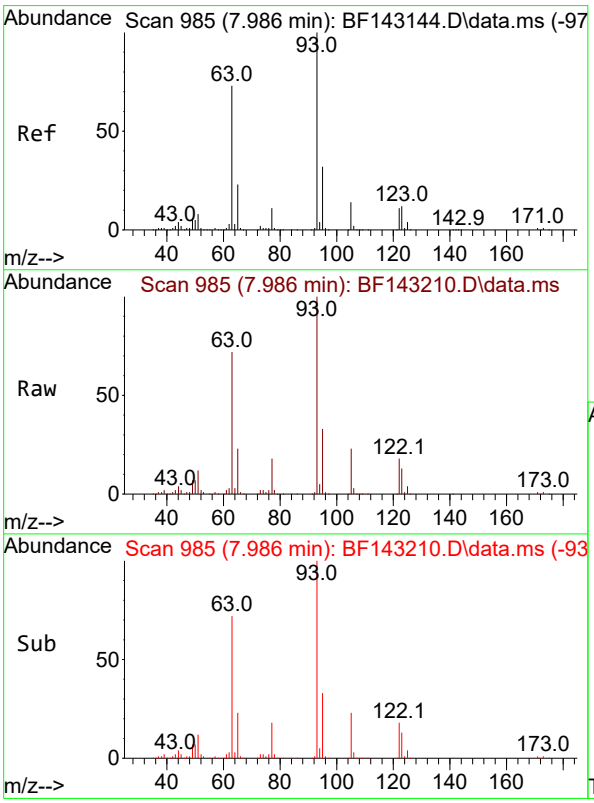
#27
2,4-Dimethylphenol
Concen: 38.169 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 230195

Ion	Ratio	Lower	Upper
122	100		
107	115.7	91.8	137.6
121	58.9	46.3	69.5

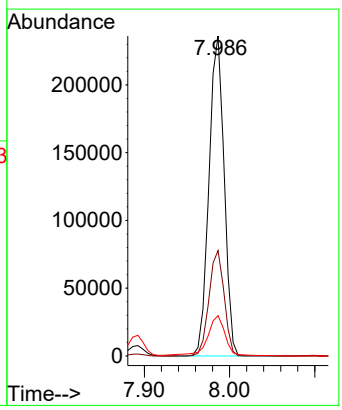


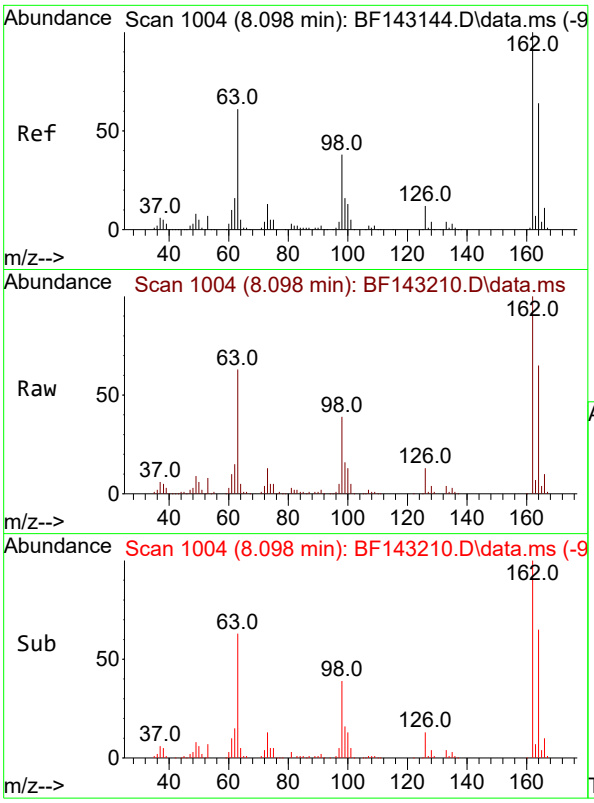


#28
bis(2-Chloroethoxy)methane
Concen: 37.737 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 93 Resp: 292069

Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.8	38.6
123	12.6	9.7	14.5



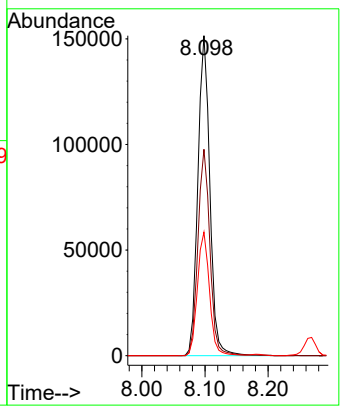


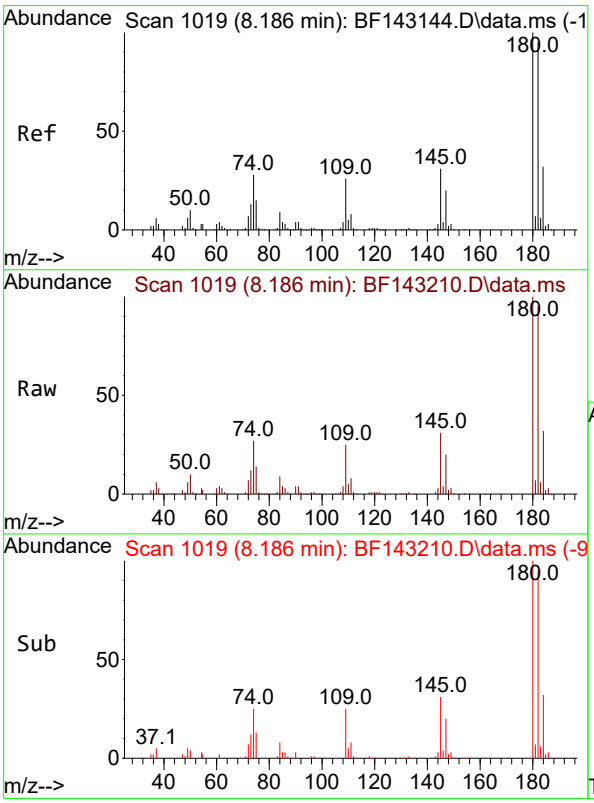
#29
2,4-Dichlorophenol
Concen: 39.391 ng
RT: 8.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 200347

Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.2	84.2
98	38.6	17.9	57.9

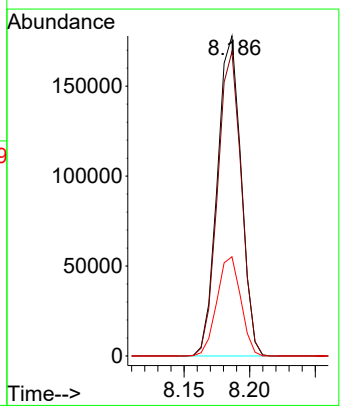


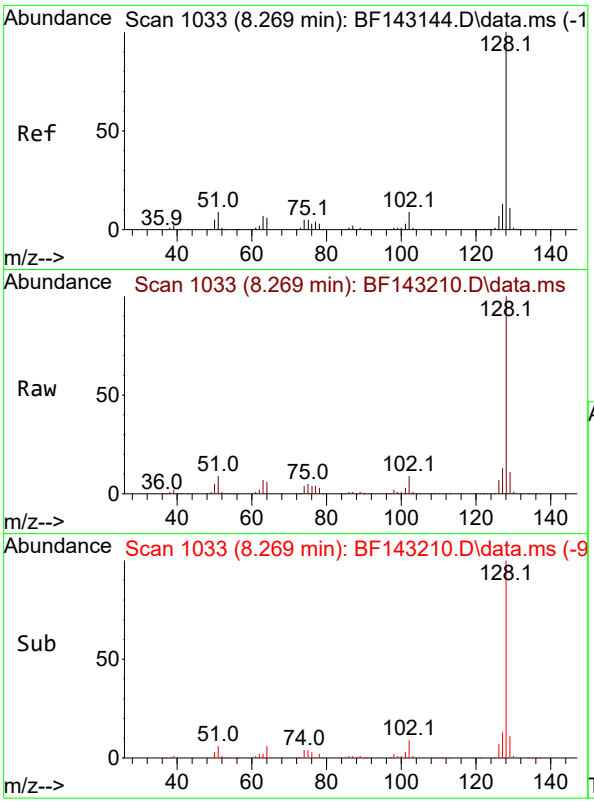


#30
1,2,4-Trichlorobenzene
Concen: 40.763 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:180 Resp: 223983

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.2	114.2
145	31.0	25.0	37.6



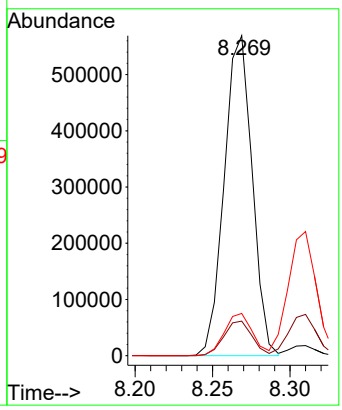


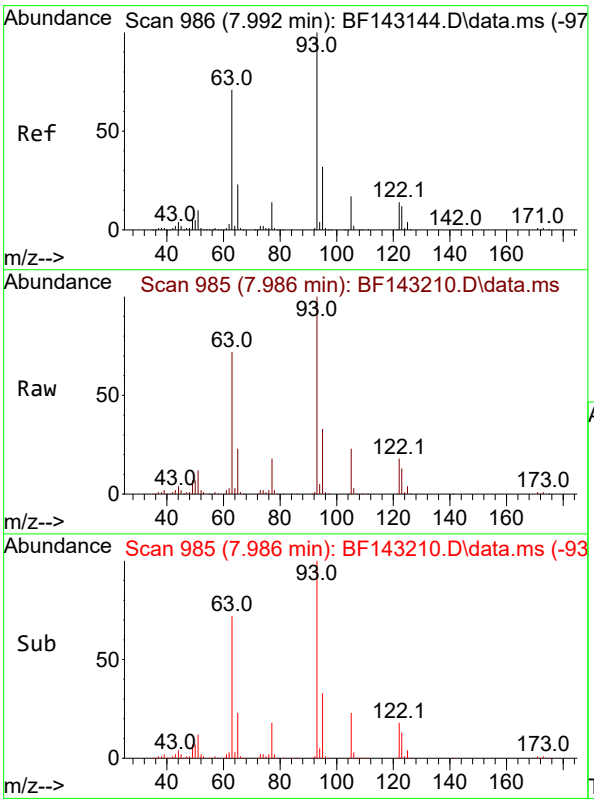
#31
Naphthalene
Concen: 39.723 ng
RT: 8.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 713073

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	13.2	10.6	16.0

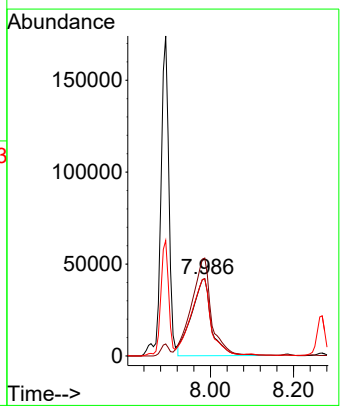


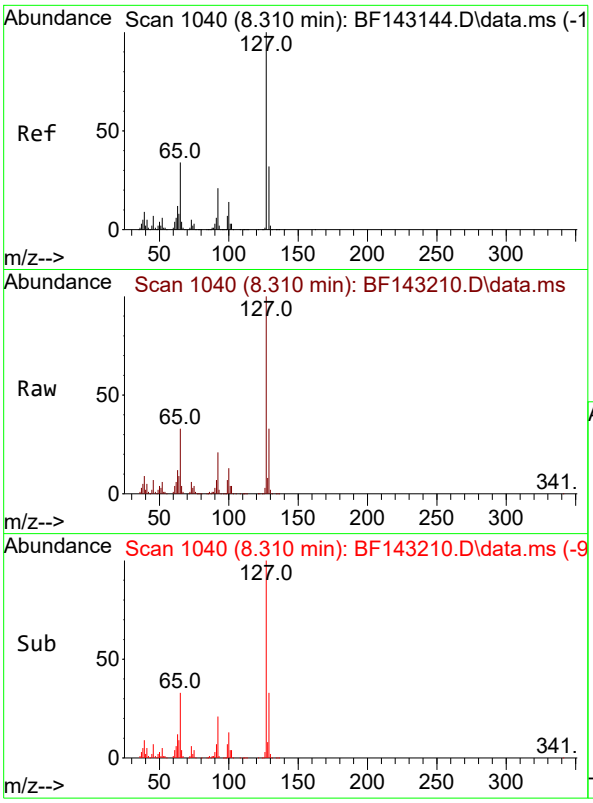


#32
Benzoic acid
Concen: 41.627 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:122 Resp: 138803

Ion	Ratio	Lower	Upper
122	100		
105	126.8	104.8	144.8
77	99.9	77.6	117.6



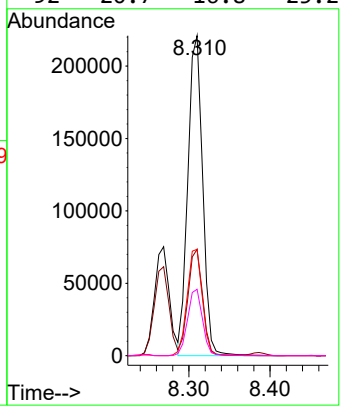


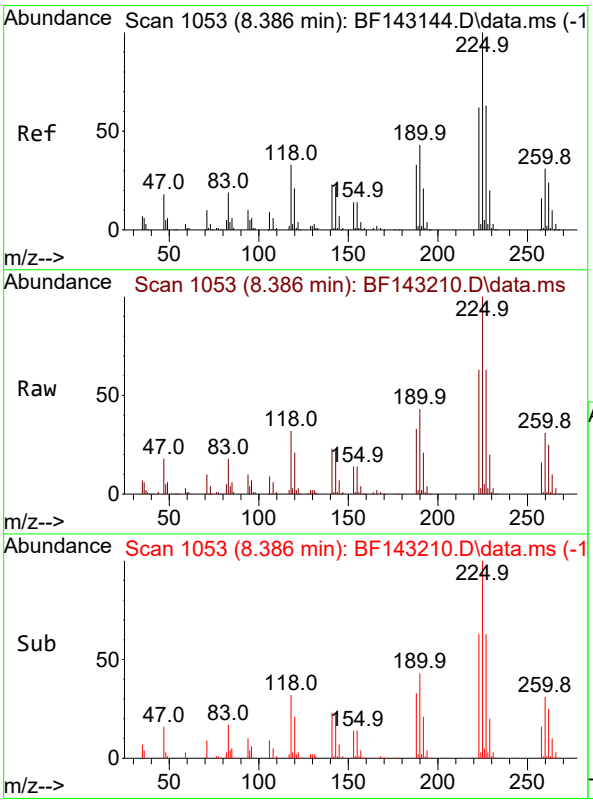
#33
4-Chloroaniline
Concen: 38.259 ng
RT: 8.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 280428

Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.0	39.0
65	33.2	27.4	41.2
92	20.7	16.8	25.2

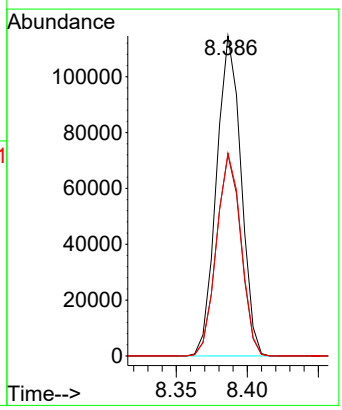


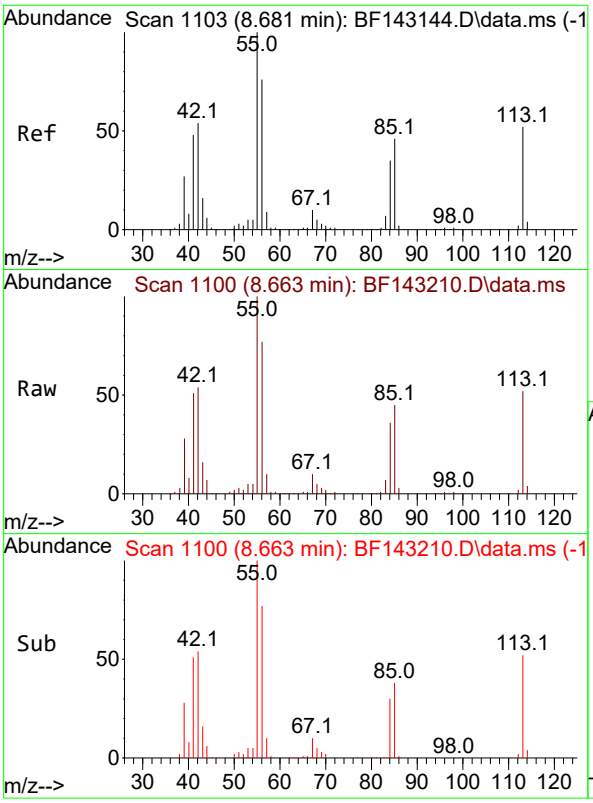


#34
Hexachlorobutadiene
Concen: 40.960 ng
RT: 8.386 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:225 Resp: 137489

Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.8	74.6
227	63.4	50.2	75.4



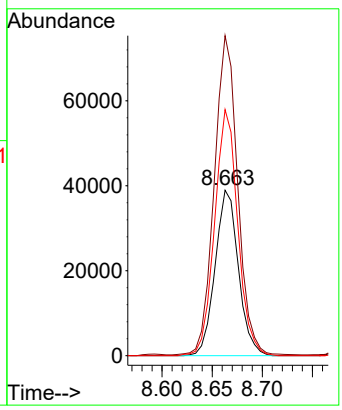


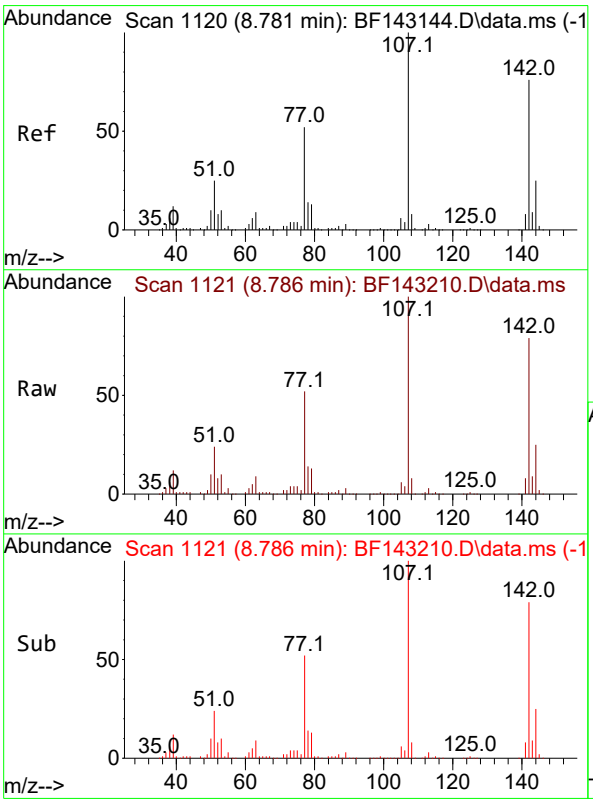
#35
Caprolactam
Concen: 40.895 ng
RT: 8.663 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 62853

Ion	Ratio	Lower	Upper
113	100		
55	193.5	174.0	214.0
56	148.8	126.6	166.6

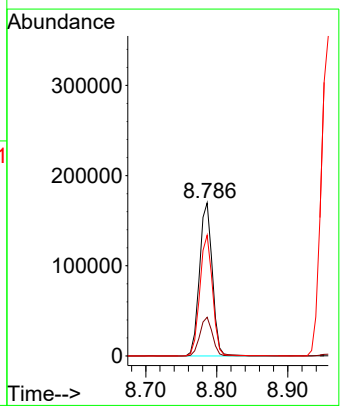


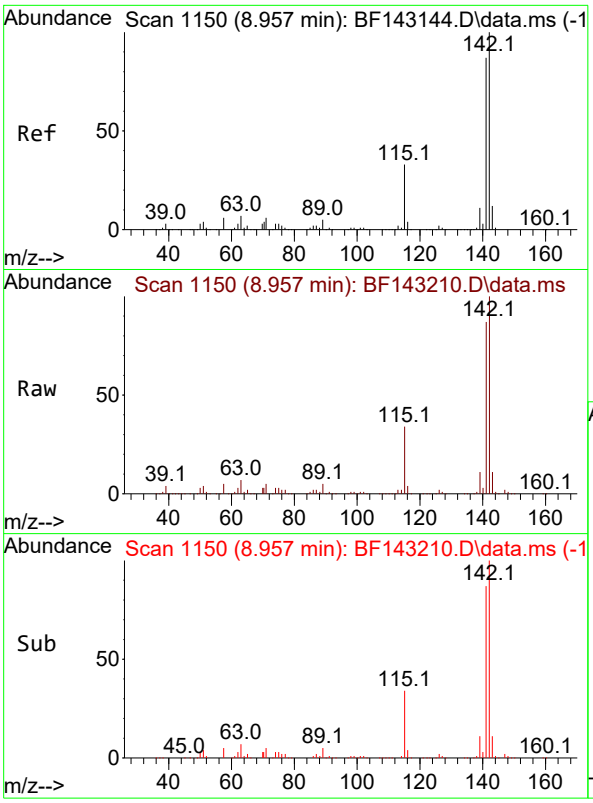


#36
4-Chloro-3-methylphenol
Concen: 38.764 ng
RT: 8.786 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:107 Resp: 214294

Ion	Ratio	Lower	Upper
107	100		
144	25.3	19.8	29.6
142	78.9	60.6	90.8



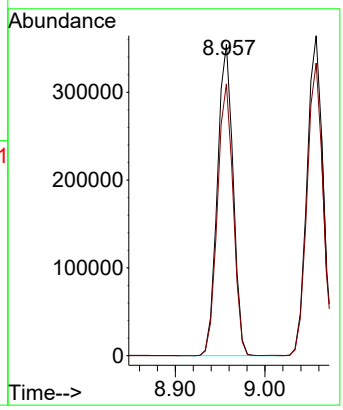


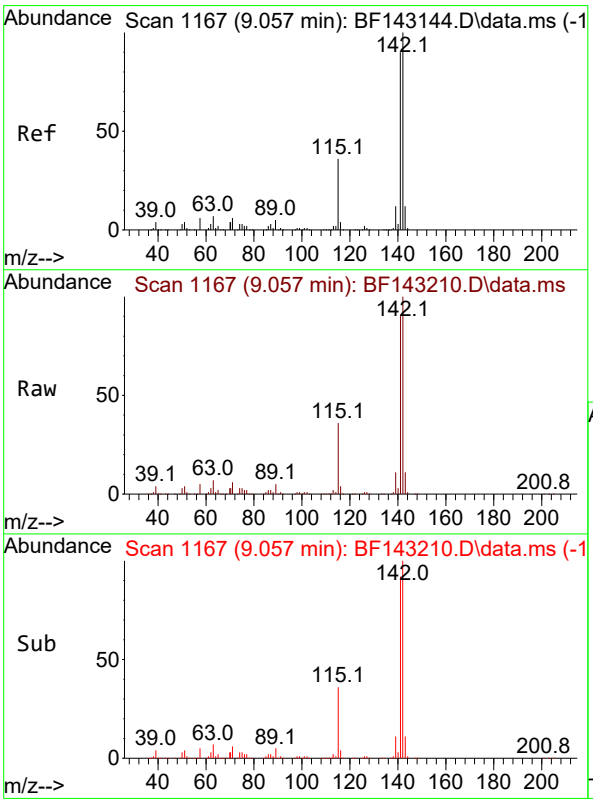
#37
2-Methylnaphthalene
Concen: 39.580 ng
RT: 8.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 432353

Ion	Ratio	Lower	Upper
142	100		
141	87.2	69.9	104.9

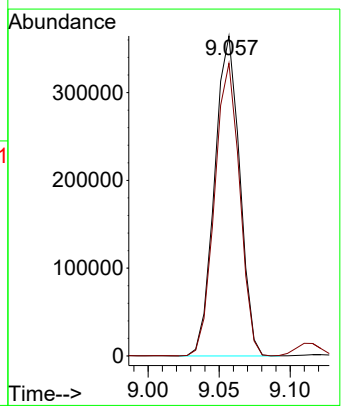


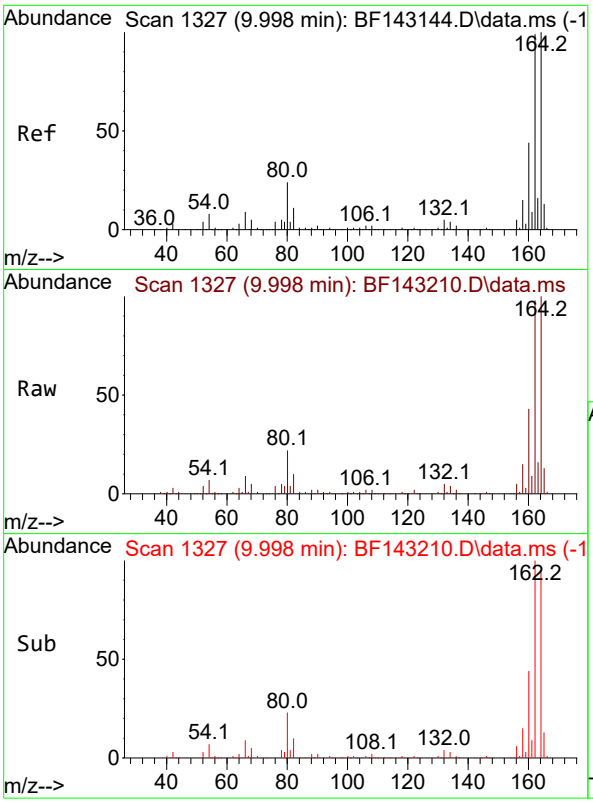


#38
1-Methylnaphthalene
Concen: 39.872 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:142 Resp: 448502

Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.3	108.5



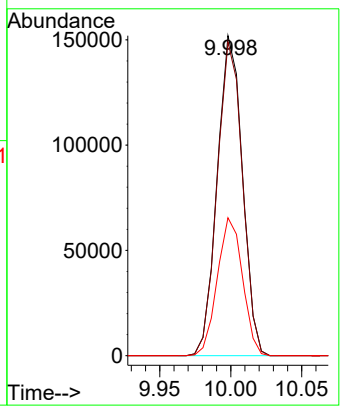


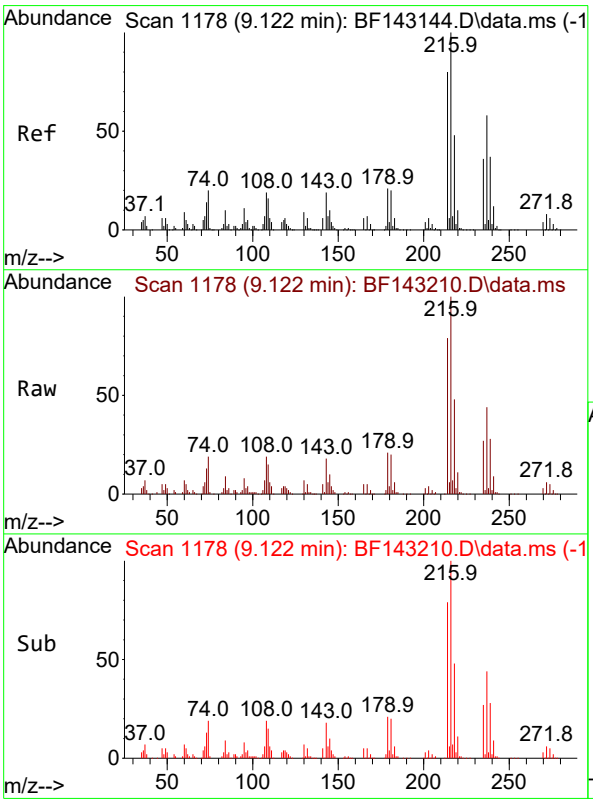
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 187438

Ion	Ratio	Lower	Upper
164	100		
162	98.0	79.0	118.6
160	43.1	35.1	52.7

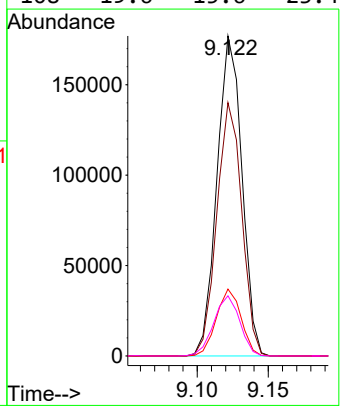


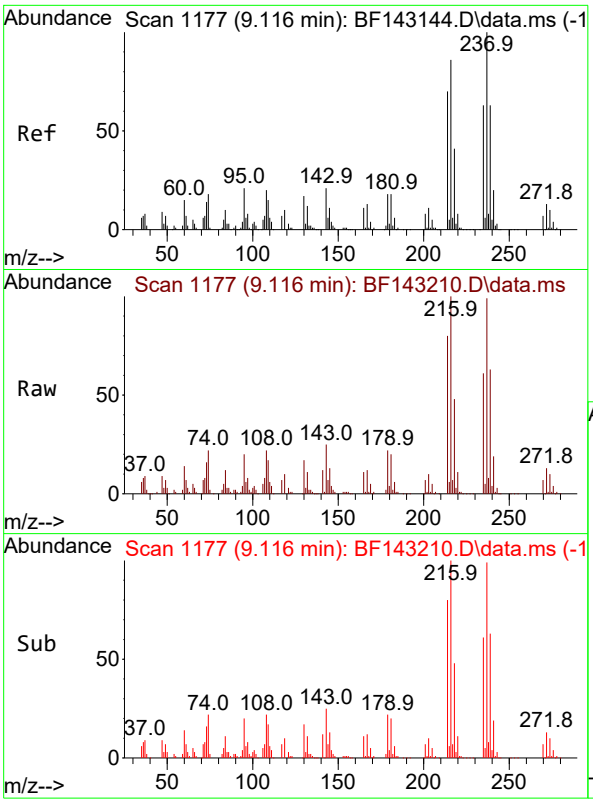


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.956 ng
RT: 9.122 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:216 Resp: 216223

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.8	95.8
179	20.7	16.4	24.6
108	19.6	15.6	23.4



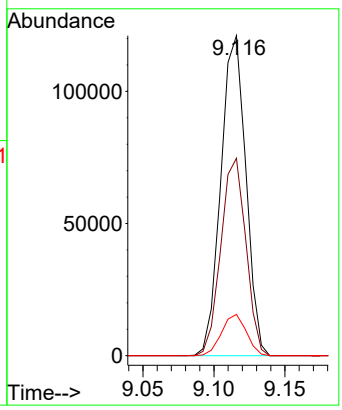


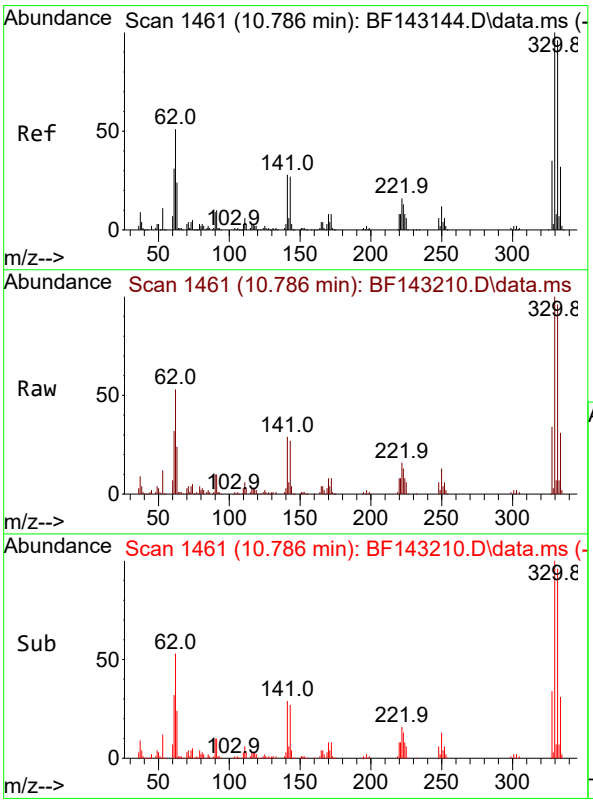
#41
Hexachlorocyclopentadiene
Concen: 42.082 ng
RT: 9.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 148176

Ion	Ratio	Lower	Upper
237	100		
235	61.7	43.0	83.0
272	12.9	0.0	33.3

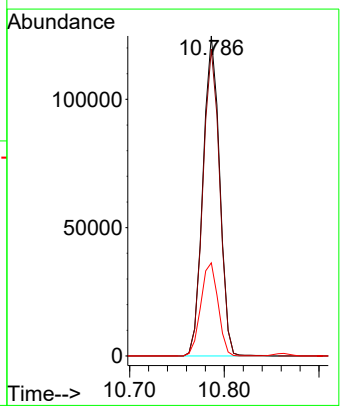


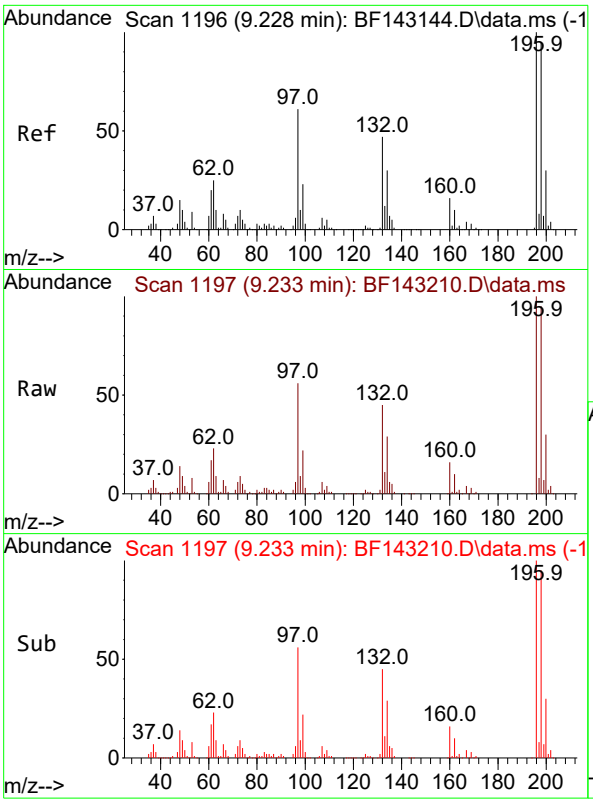


#42
2,4,6-Tribromophenol
Concen: 78.251 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:330 Resp: 151520

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.7	115.1
141	30.1	23.3	34.9



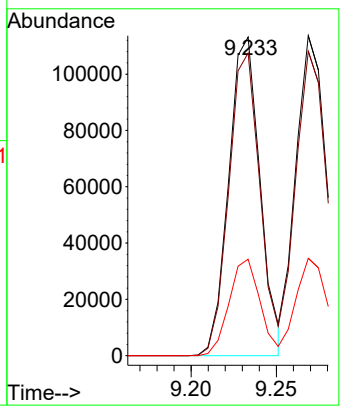


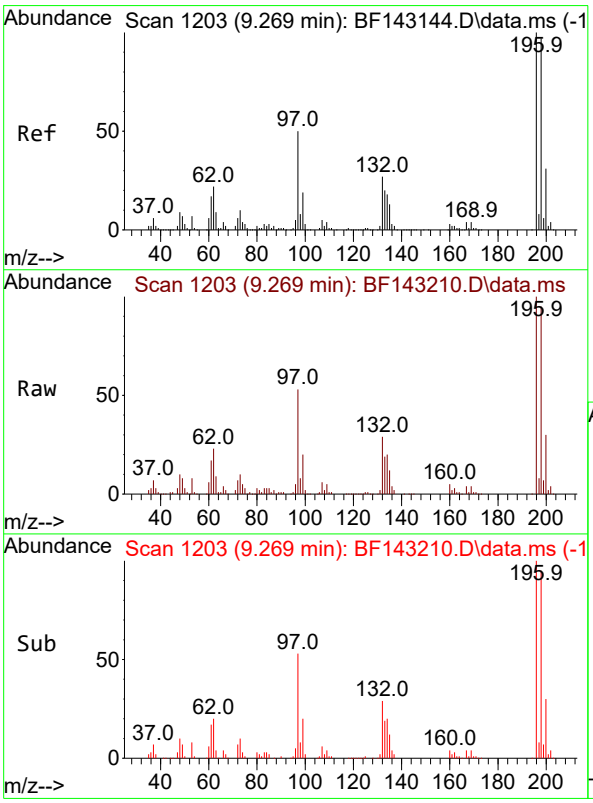
#43
2,4,6-Trichlorophenol
Concen: 38.625 ng
RT: 9.233 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 144660

Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.2	114.2
200	30.3	23.9	35.9

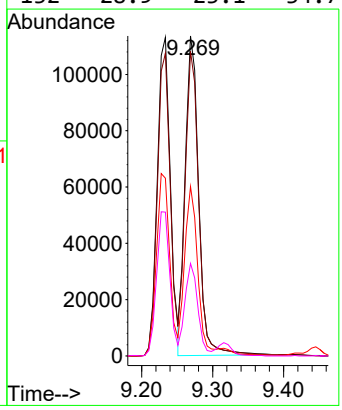


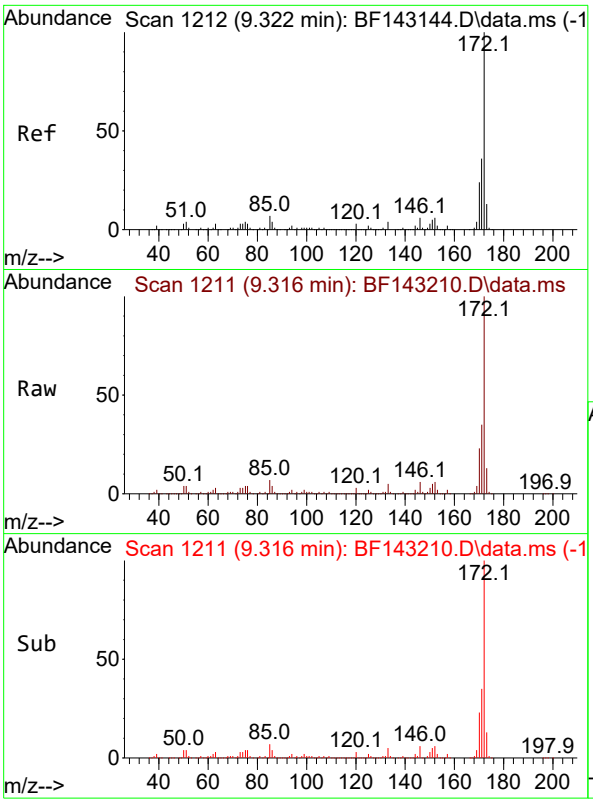


#44
2,4,5-Trichlorophenol
Concen: 40.211 ng
RT: 9.269 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:196 Resp: 150645

Ion	Ratio	Lower	Upper
196	100		
198	95.2	77.3	115.9
97	53.0	40.3	60.5
132	28.9	23.1	34.7



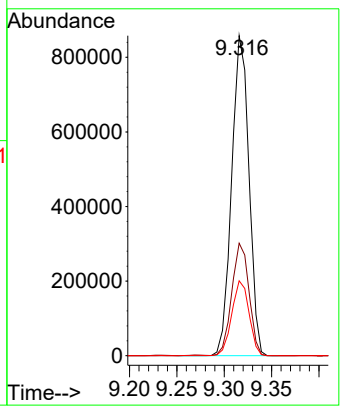


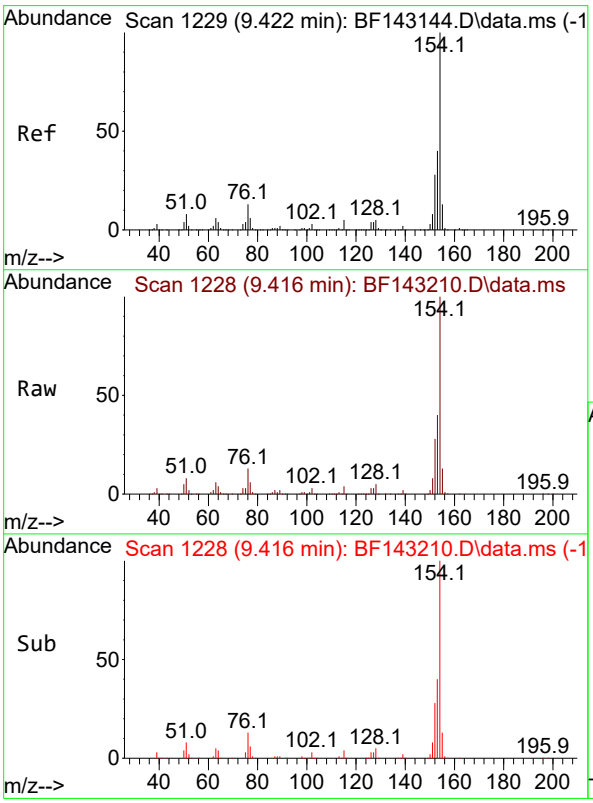
#45
2-Fluorobiphenyl
Concen: 79.441 ng
RT: 9.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1088775

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	23.4	18.8	28.2

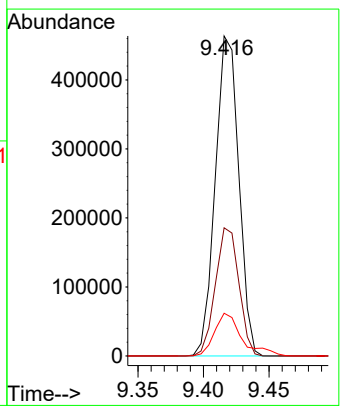


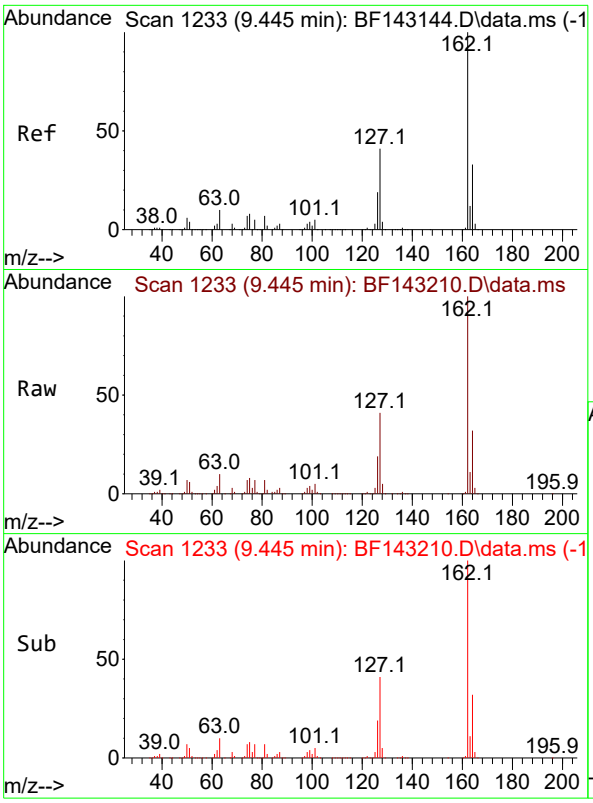


#46
1,1'-Biphenyl
Concen: 39.454 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:154 Resp: 576976

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.3	60.3
76	13.4	0.0	33.3



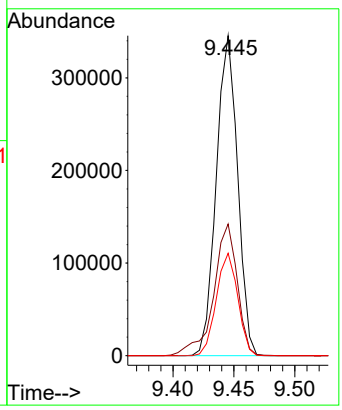


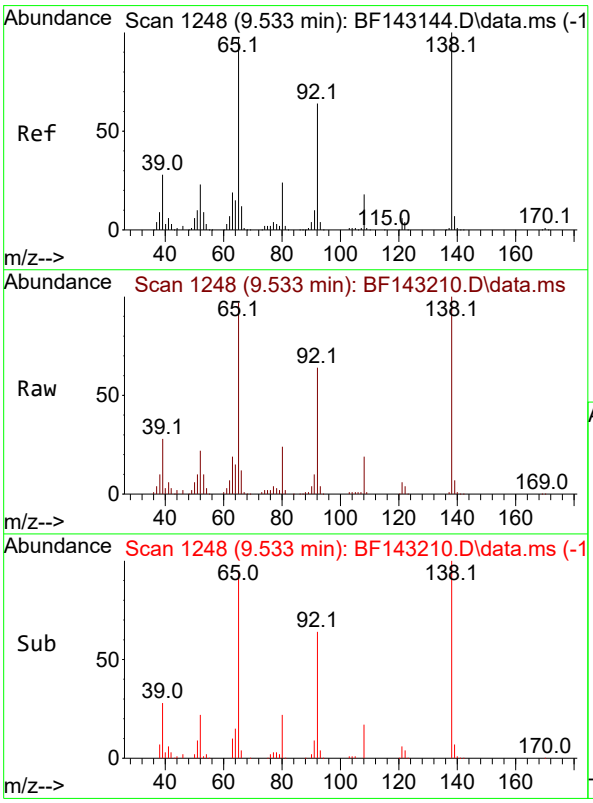
#47
2-Chloronaphthalene
Concen: 38.957 ng
RT: 9.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 421533

Ion	Ratio	Lower	Upper
162	100		
127	41.1	33.4	50.2
164	32.0	26.2	39.2

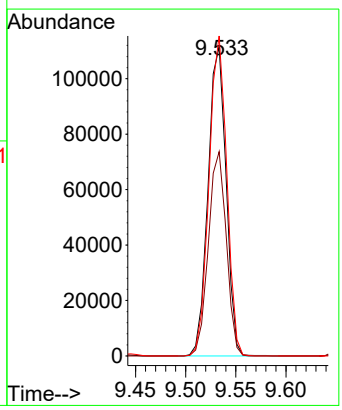


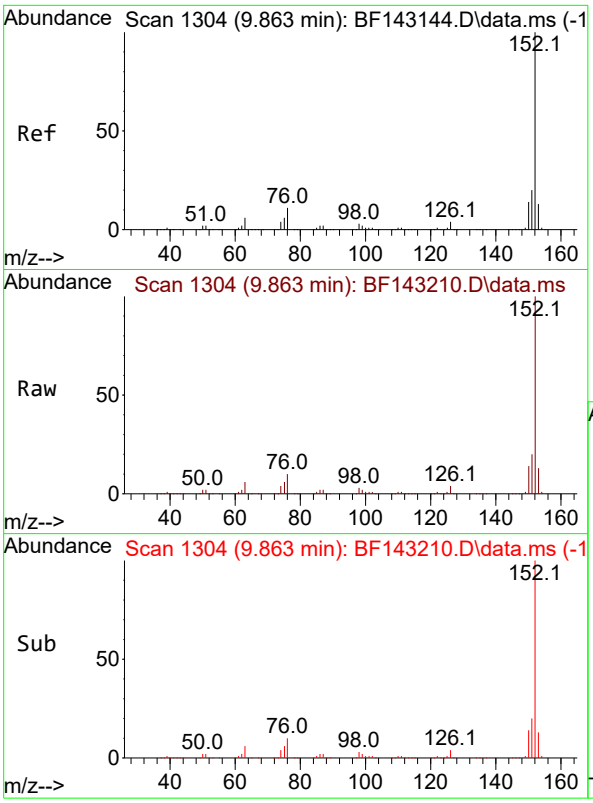


#48
2-Nitroaniline
Concen: 41.188 ng
RT: 9.533 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 65 Resp: 139765

Ion	Ratio	Lower	Upper
65	100		
92	66.1	52.4	78.6
138	103.5	82.3	123.5



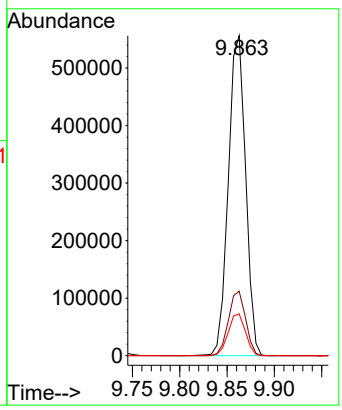


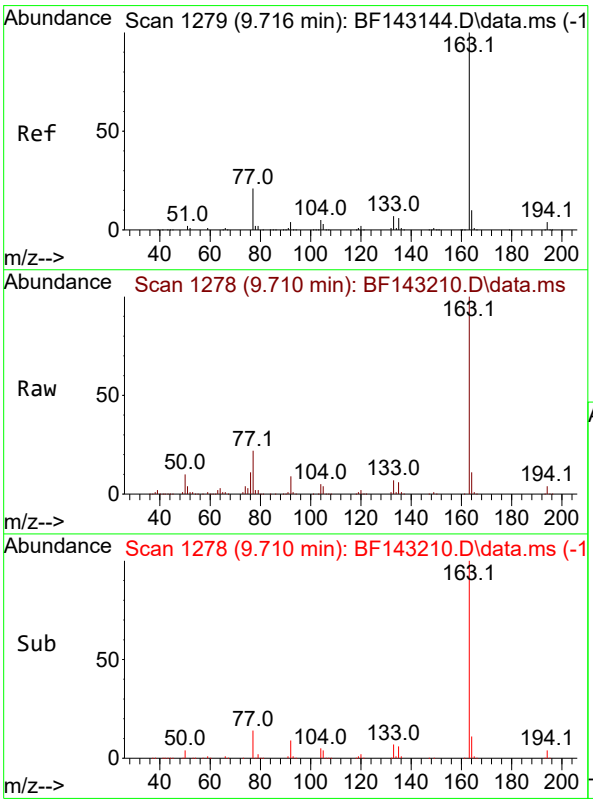
#49
Acenaphthylene
Concen: 38.989 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 707016

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.1	10.6	16.0

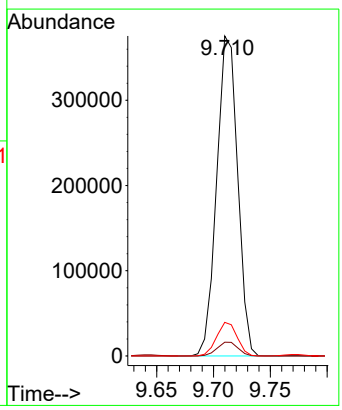


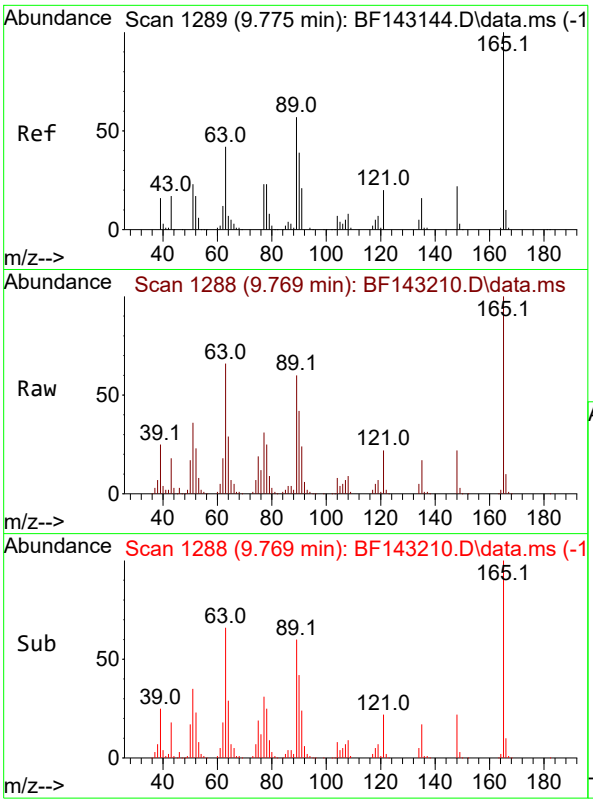


#50
Dimethylphthalate
Concen: 39.503 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:163 Resp: 482643

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.5	8.3	12.5



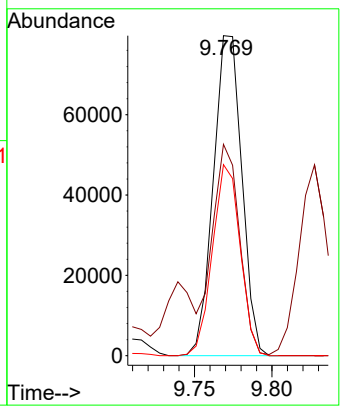


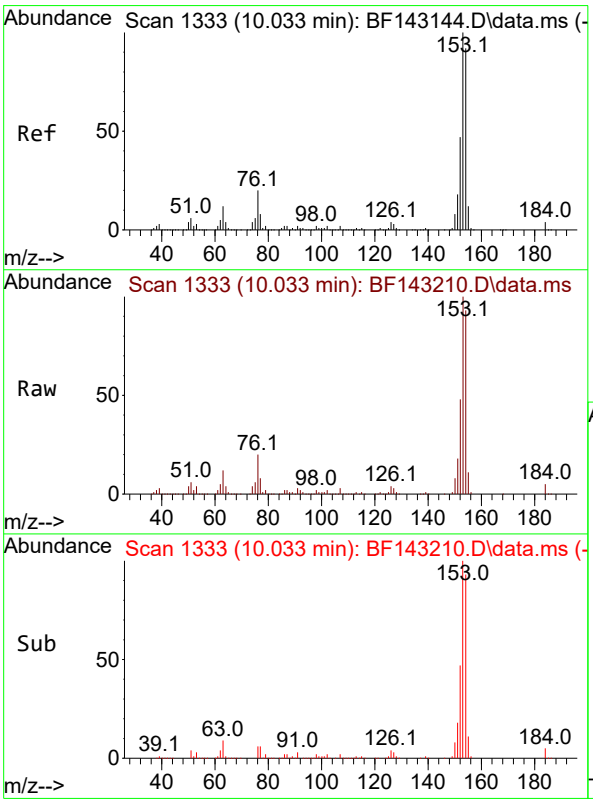
#51
2,6-Dinitrotoluene
Concen: 41.014 ng
RT: 9.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 101938

Ion	Ratio	Lower	Upper
165	100		
63	66.1	49.4	74.2
89	59.7	46.2	69.2

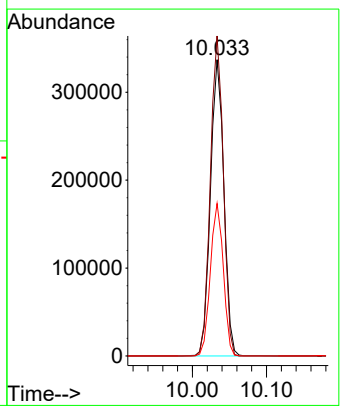


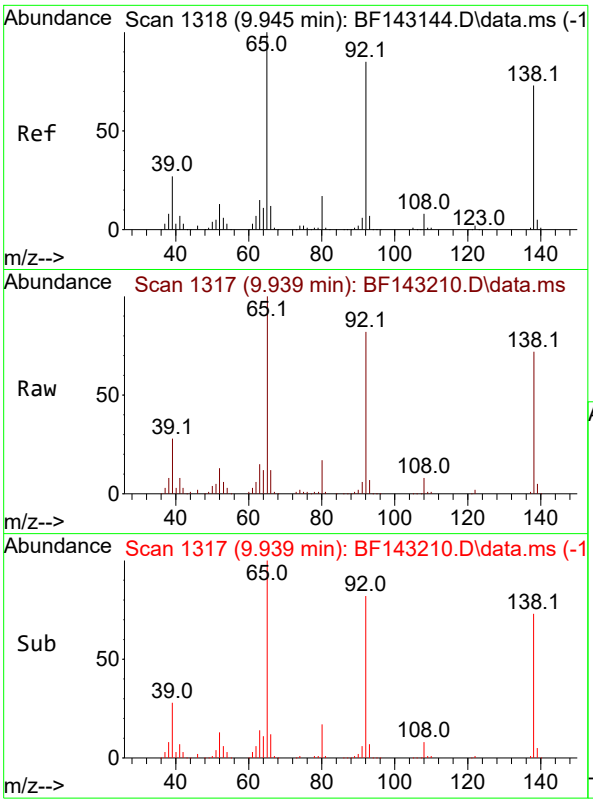


#52
Acenaphthene
Concen: 39.605 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:154 Resp: 424478

Ion	Ratio	Lower	Upper
154	100		
153	108.0	86.6	129.8
152	51.5	40.4	60.6



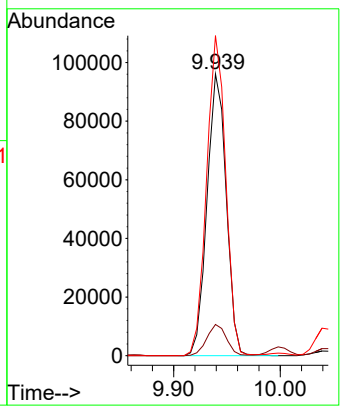


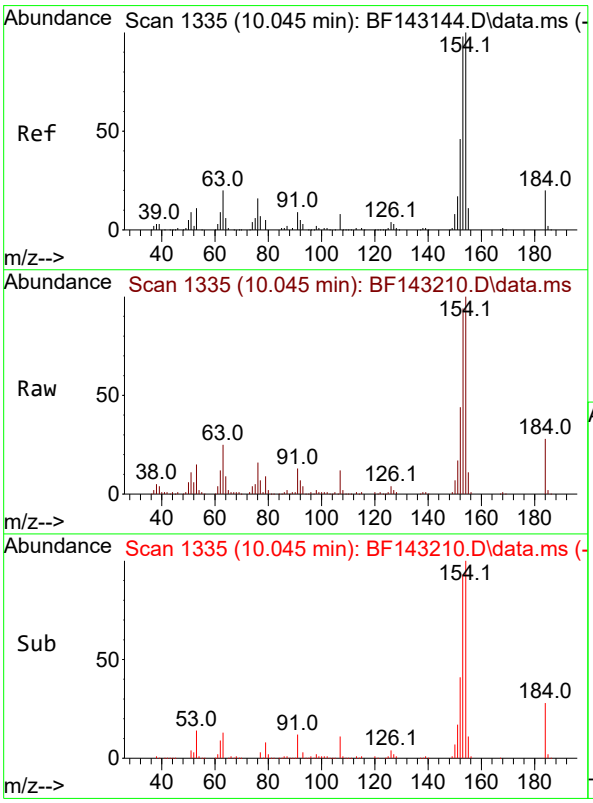
#53
3-Nitroaniline
Concen: 41.423 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 120421

Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.0	13.6
92	113.5	93.0	139.4

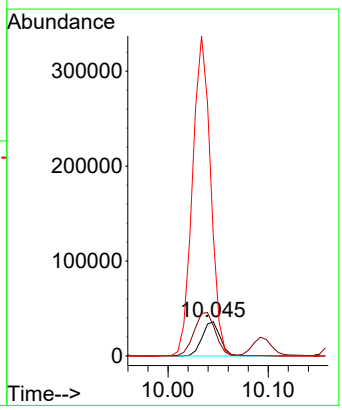


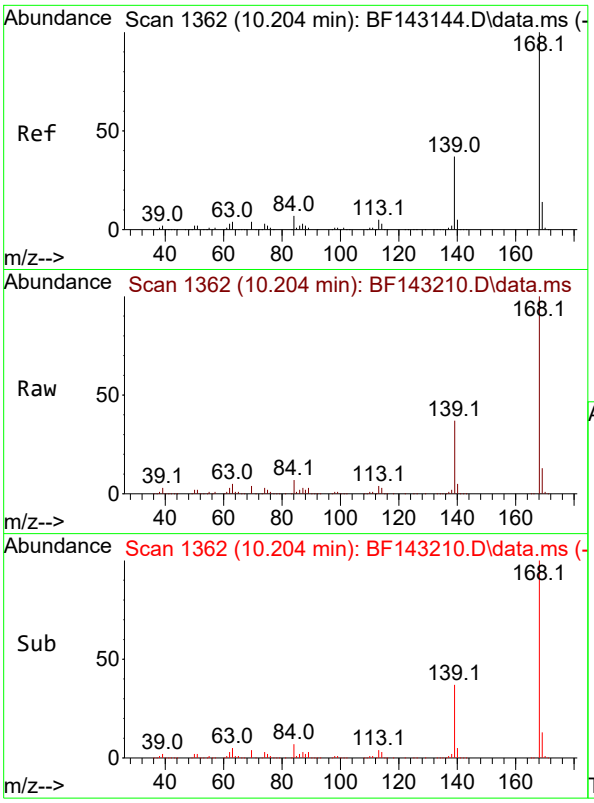


#54
2,4-Dinitrophenol
Concen: 43.601 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:184 Resp: 45389

Ion	Ratio	Lower	Upper
184	100		
63	88.6	81.8	122.6
154	354.5	412.2	618.4#



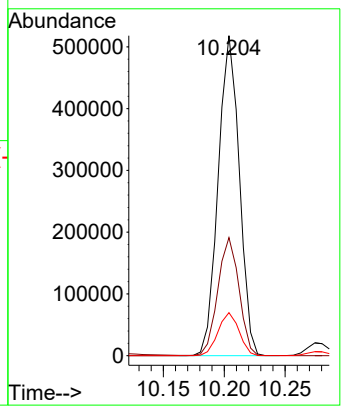


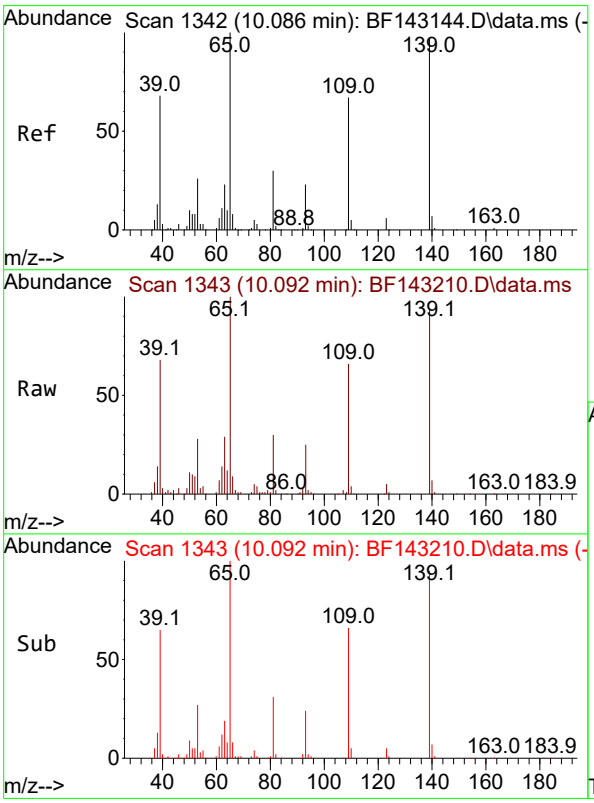
#55
Dibenzofuran
Concen: 39.327 ng
RT: 10.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 625794

Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.5	44.3
169	13.4	10.9	16.3

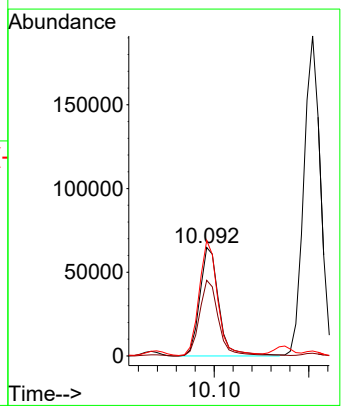


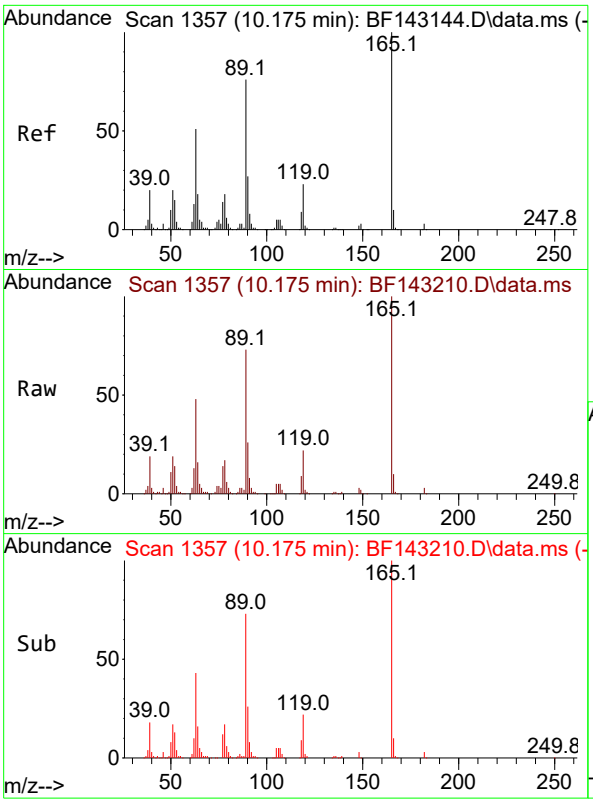


#56
4-Nitrophenol
Concen: 41.556 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:139 Resp: 90214

Ion	Ratio	Lower	Upper
139	100		
109	69.9	48.5	88.5
65	106.6	83.4	123.4



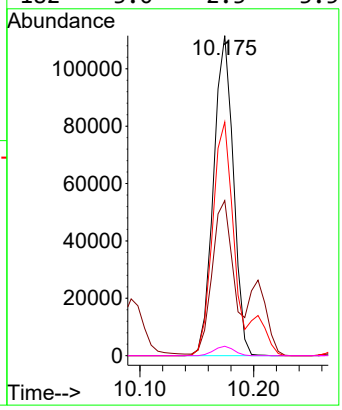


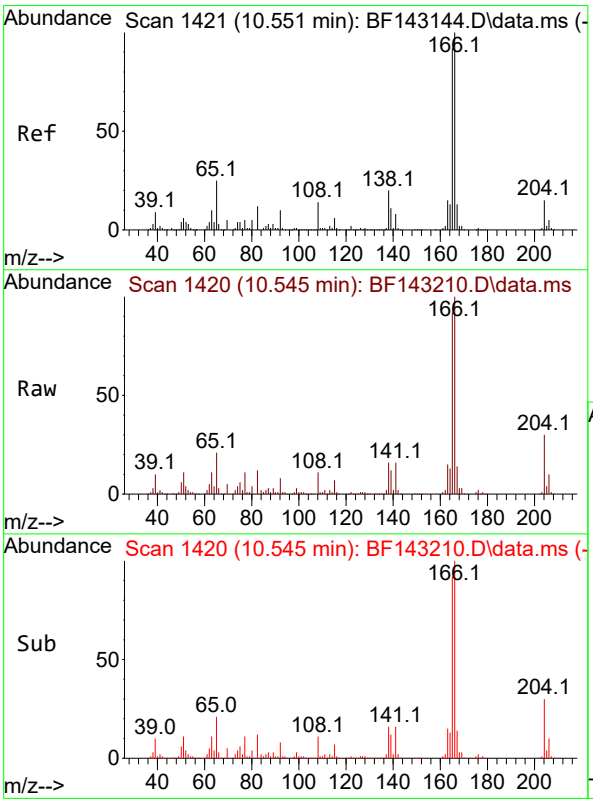
#57
2,4-Dinitrotoluene
Concen: 43.429 ng
RT: 10.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 135422

Ion	Ratio	Lower	Upper
165	100		
63	48.4	41.0	61.4
89	73.0	61.1	91.7
182	3.0	2.3	3.5

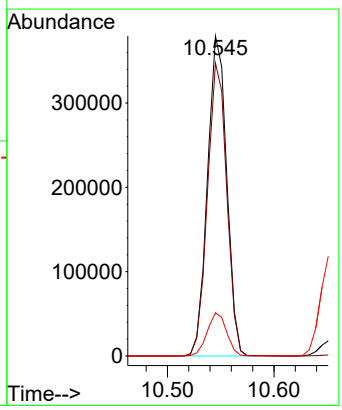


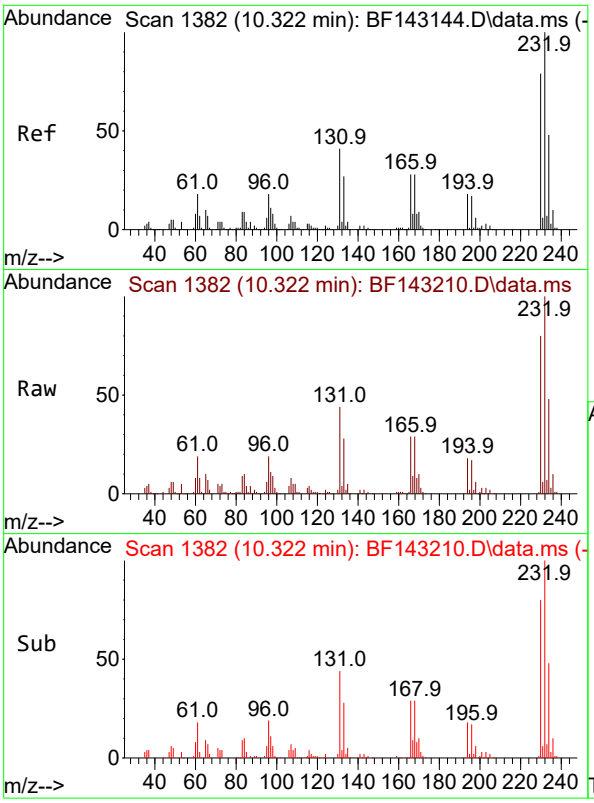


#58
Fluorene
Concen: 39.871 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:166 Resp: 476175

Ion	Ratio	Lower	Upper
166	100		
165	91.5	73.7	110.5
167	13.5	10.6	16.0



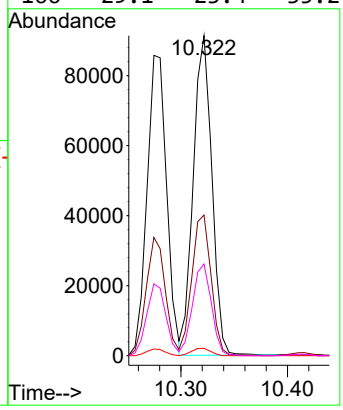


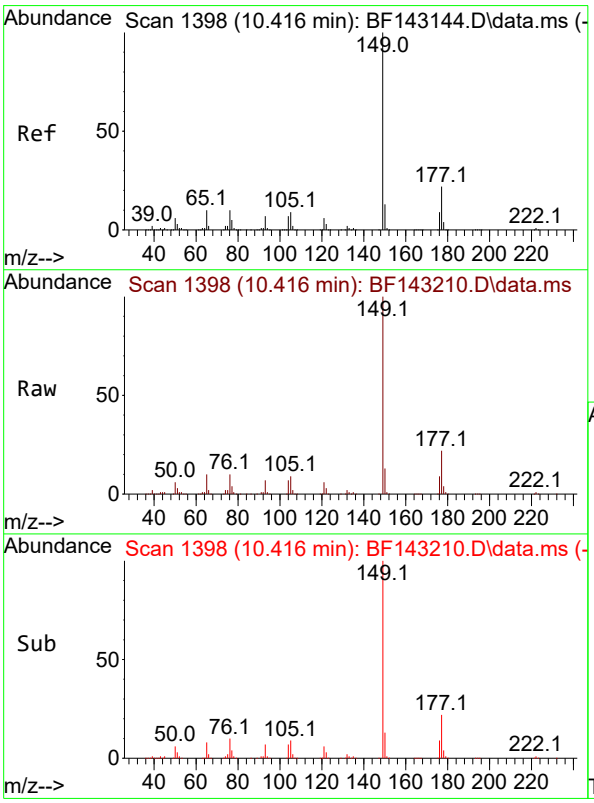
#59
2,3,4,6-Tetrachlorophenol
Concen: 35.835 ng
RT: 10.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 111208

Ion	Ratio	Lower	Upper
232	100		
131	45.6	35.3	52.9
130	2.4	1.7	2.5
166	29.1	23.4	35.2

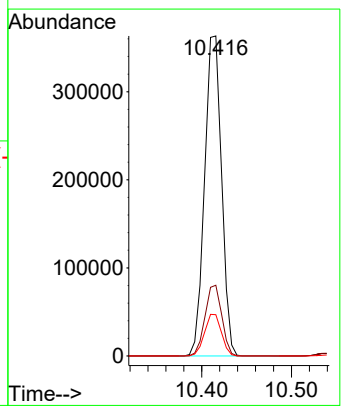


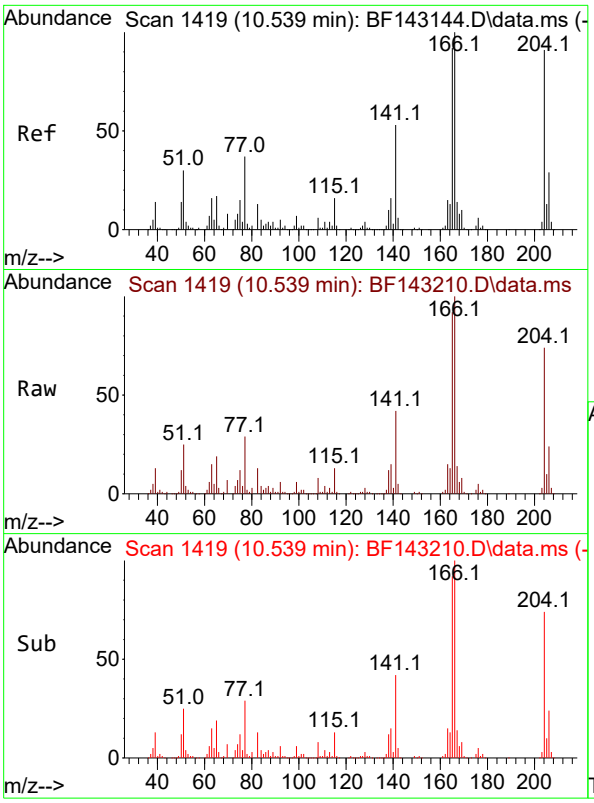


#60
Diethylphthalate
Concen: 39.593 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:149 Resp: 478128

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.5	26.3
150	12.9	10.2	15.2



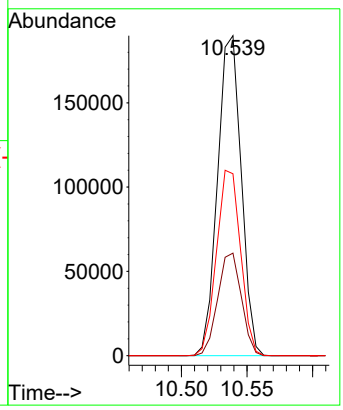


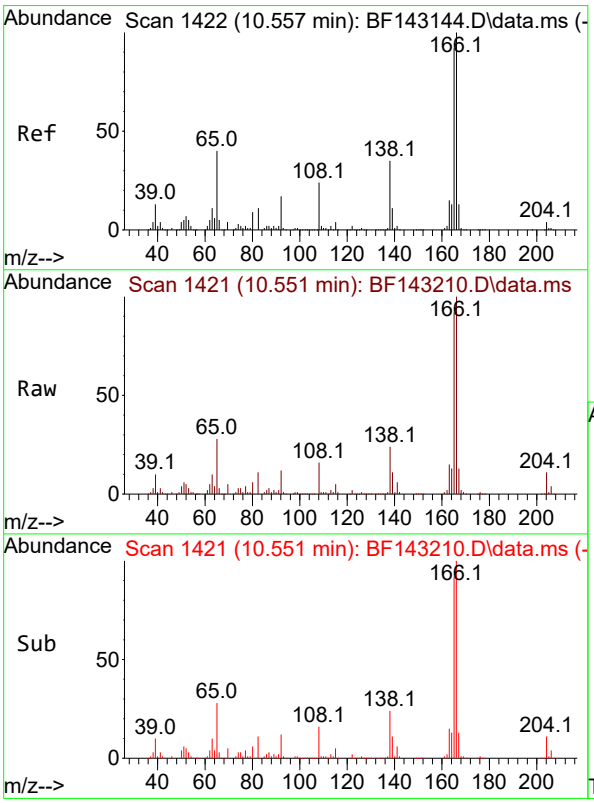
#61
4-Chlorophenyl-phenylether
Concen: 40.030 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 238049

Ion	Ratio	Lower	Upper
204	100		
206	32.1	25.8	38.8
141	56.8	47.0	70.4

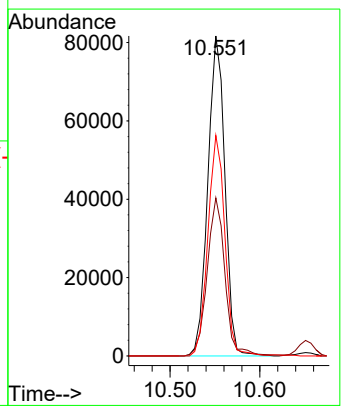


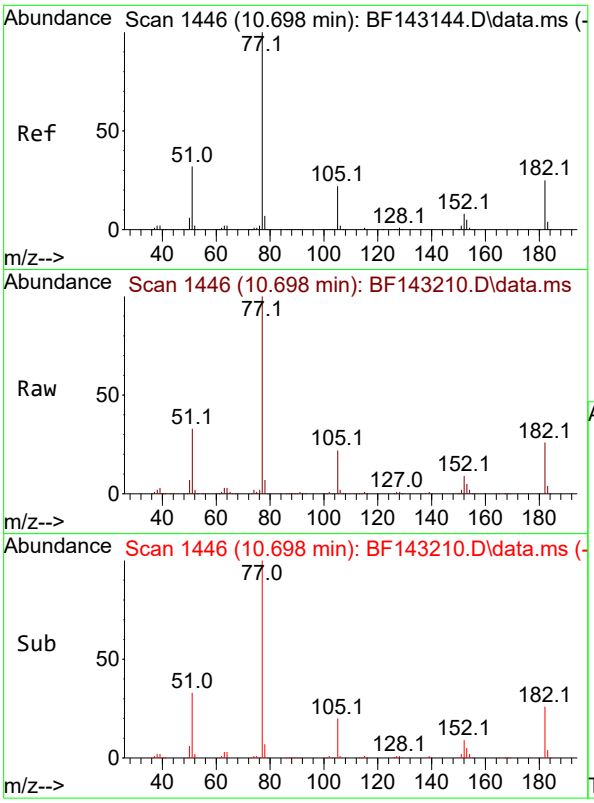


#62
4-Nitroaniline
Concen: 43.376 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:138 Resp: 108074

Ion	Ratio	Lower	Upper
138	100		
92	49.4	29.3	69.3
108	68.9	48.3	88.3



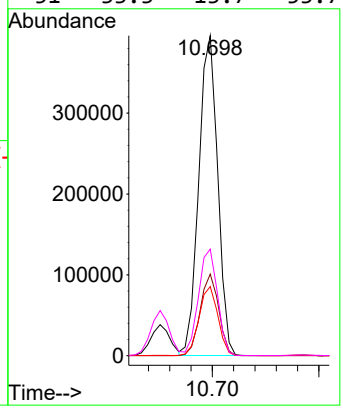


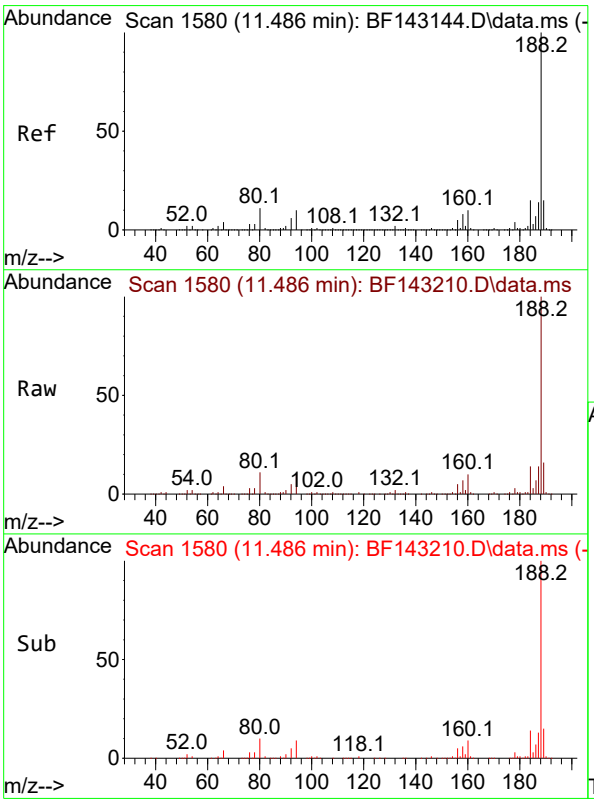
#63
Azobenzene
Concen: 38.867 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 489180

Ion	Ratio	Lower	Upper
77	100		
182	25.5	4.6	44.6
105	21.6	1.4	41.4
51	33.3	13.7	53.7

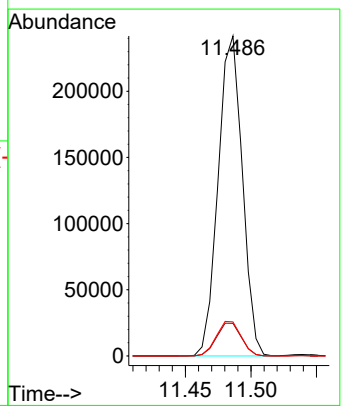


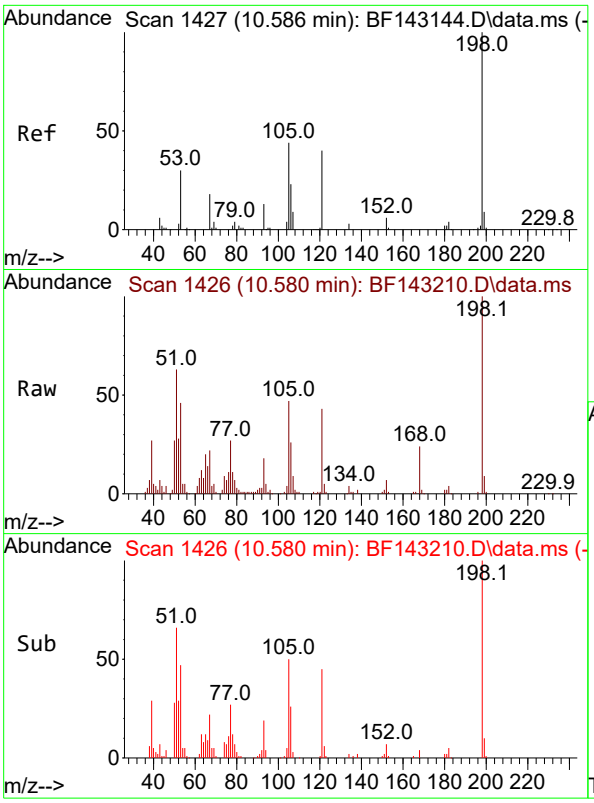


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:188 Resp: 309922

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.3	12.5
80	10.7	9.0	13.6



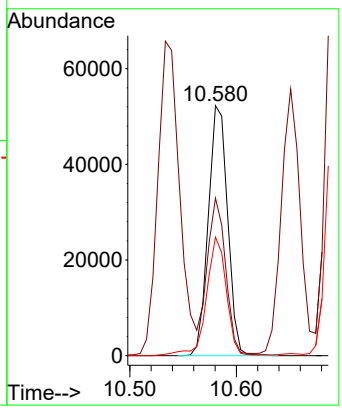


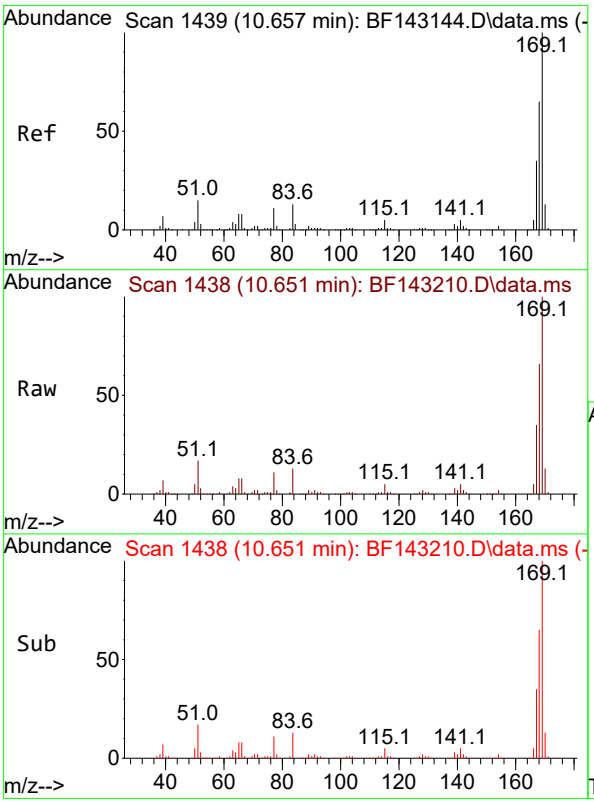
#65
4,6-Dinitro-2-methylphenol
Concen: 41.322 ng
RT: 10.580 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 65757

Ion	Ratio	Lower	Upper
198	100		
51	63.0	37.2	77.2
105	47.4	24.8	64.8

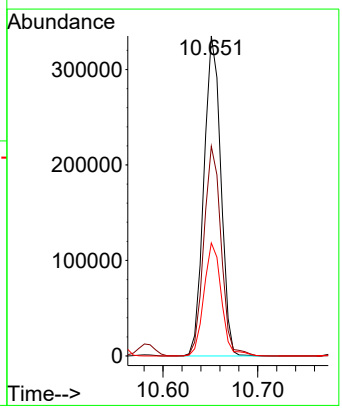


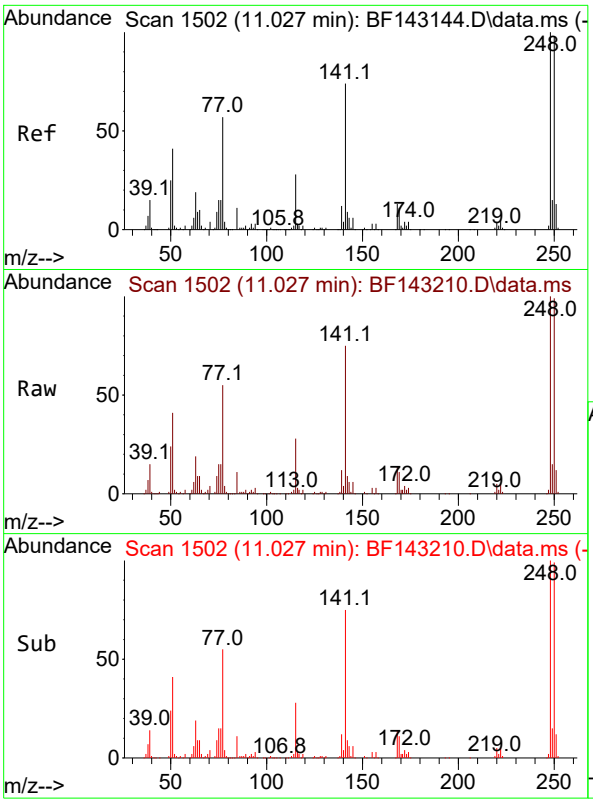


#66
n-Nitrosodiphenylamine
Concen: 37.925 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:169 Resp: 413888

Ion	Ratio	Lower	Upper
169	100		
168	65.5	52.1	78.1
167	35.3	28.2	42.2



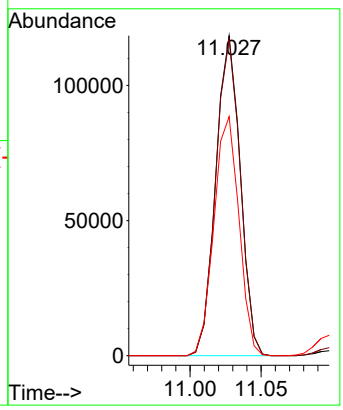


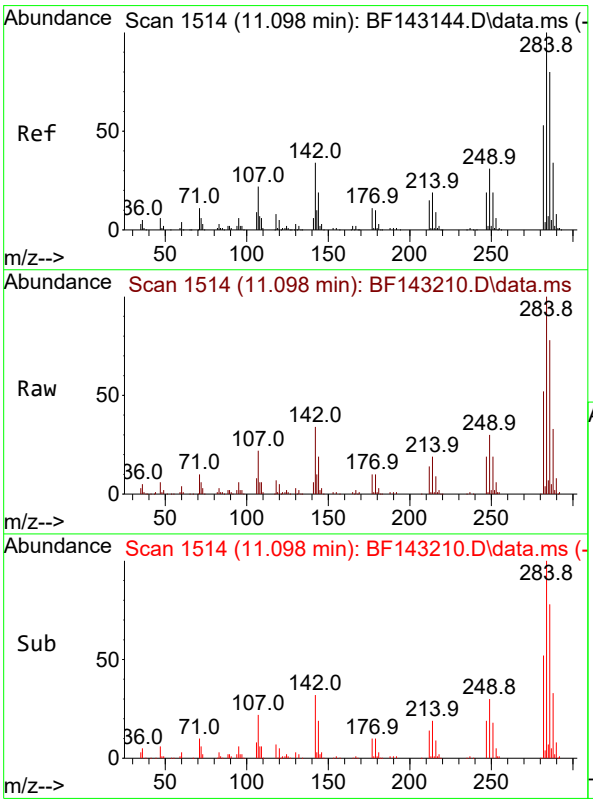
#67
4-Bromophenyl-phenylether
Concen: 38.488 ng
RT: 11.027 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 142152

Ion	Ratio	Lower	Upper
248	100		
250	98.8	78.3	117.5
141	74.7	59.2	88.8

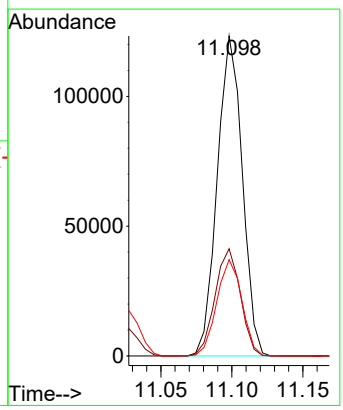


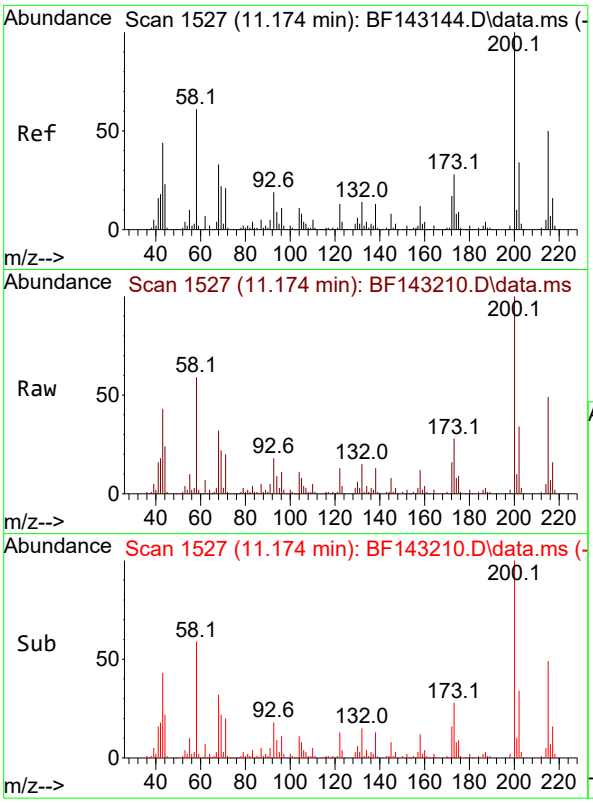


#68
Hexachlorobenzene
Concen: 39.109 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:284 Resp: 150979

Ion	Ratio	Lower	Upper
284	100		
142	33.5	27.0	40.6
249	30.1	25.0	37.6



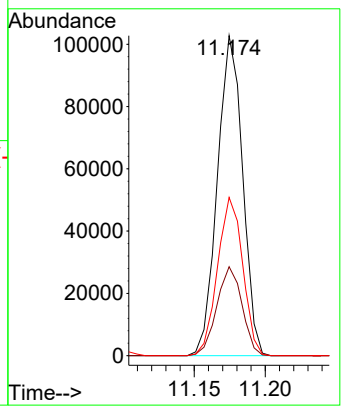


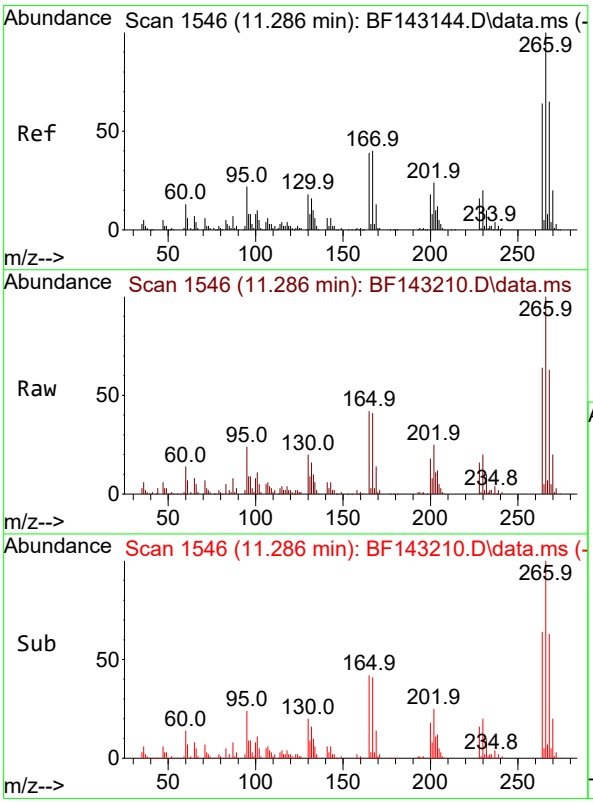
#69
Atrazine
Concen: 42.107 ng
RT: 11.174 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 126687

Ion	Ratio	Lower	Upper
200	100		
173	27.8	7.9	47.9
215	49.5	30.1	70.1

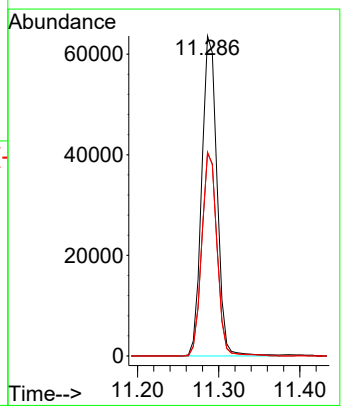


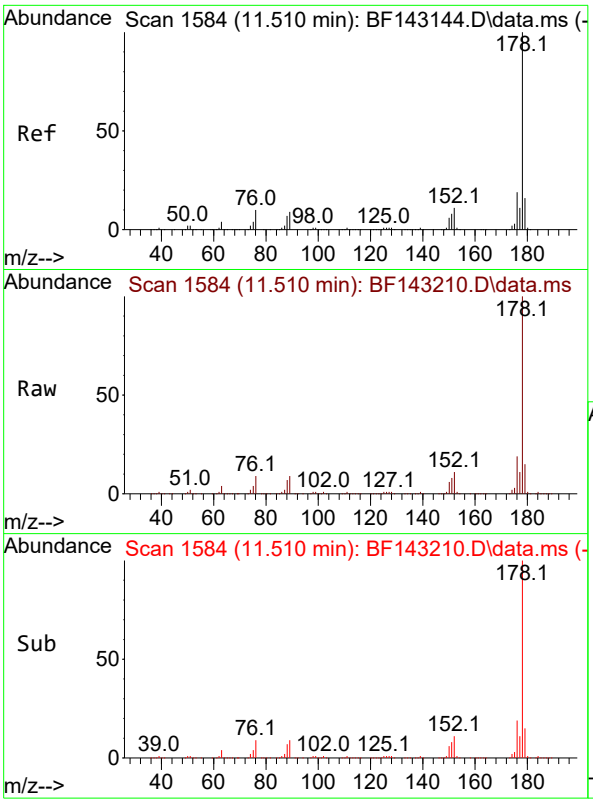


#70
Pentachlorophenol
Concen: 36.572 ng
RT: 11.286 min Scan# 1546
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:266 Resp: 83028

Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.9	77.9
264	63.8	51.0	76.6



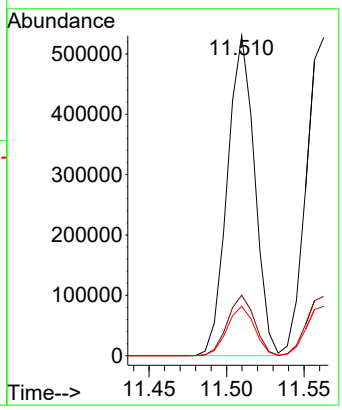


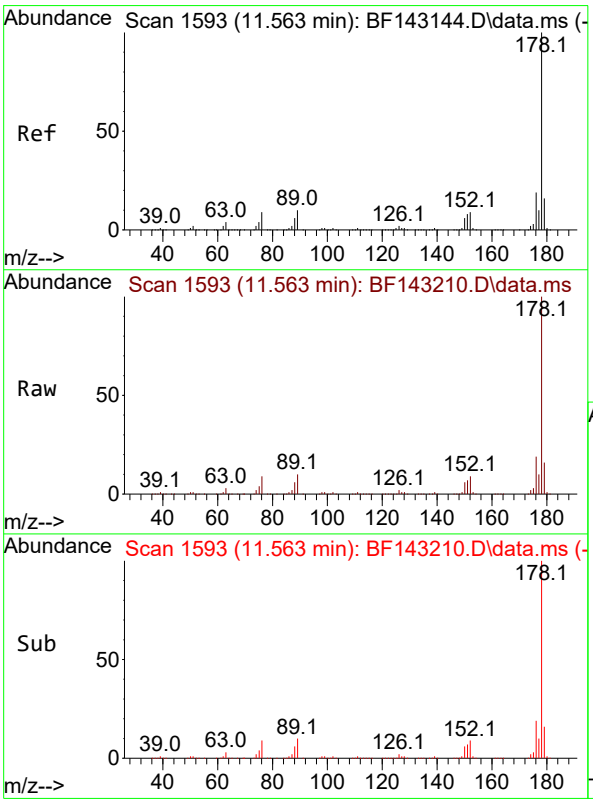
#71
Phenanthrene
Concen: 39.306 ng
RT: 11.510 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 646817

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.5	12.5	18.7

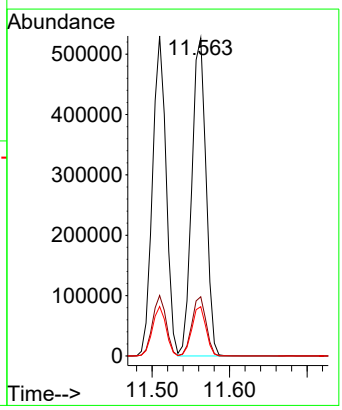


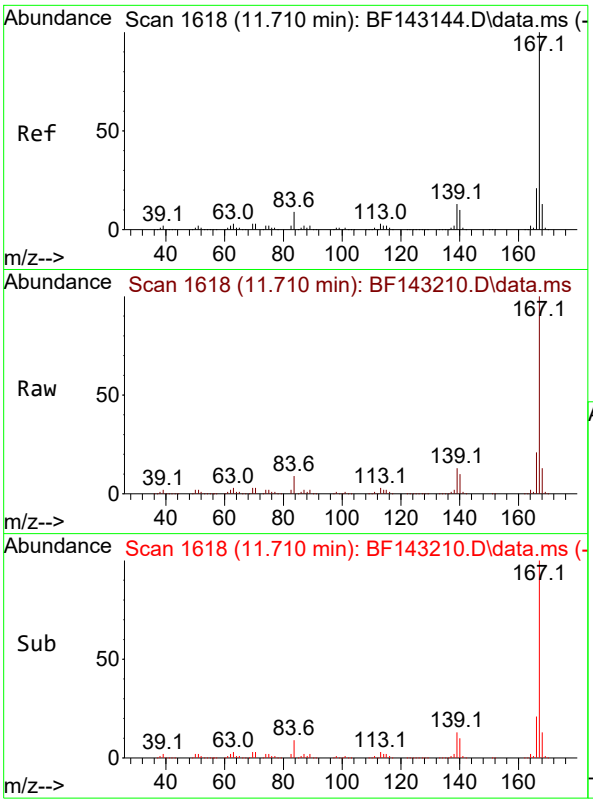


#72
Anthracene
Concen: 39.761 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:178 Resp: 667319

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.5	12.5	18.7



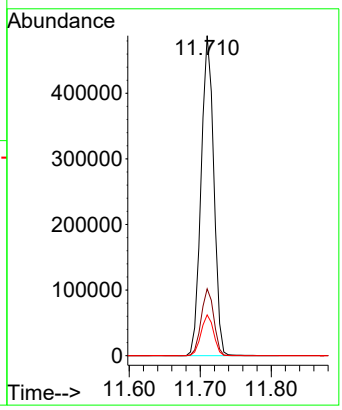


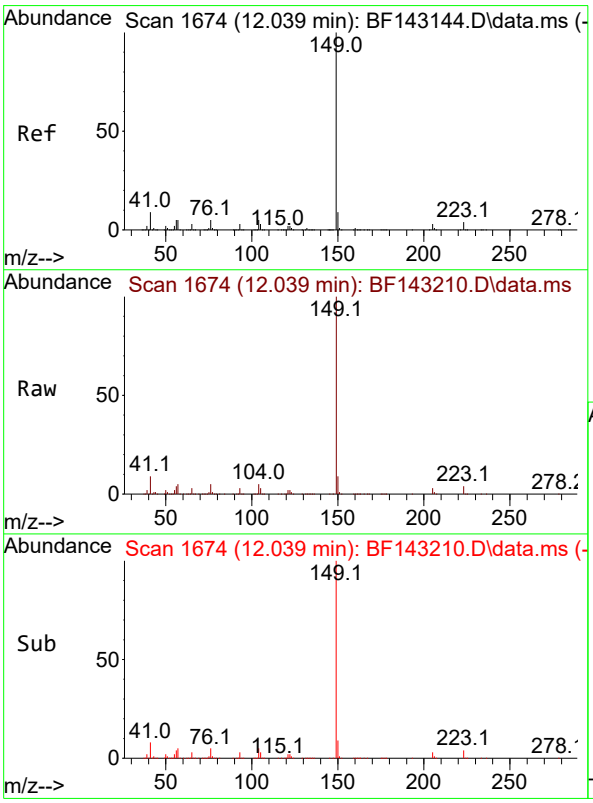
#73
Carbazole
Concen: 41.500 ng
RT: 11.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 608177

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.6
139	12.8	10.0	15.0

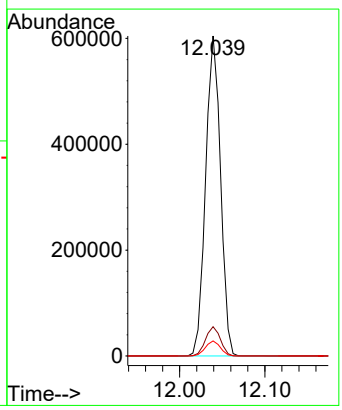


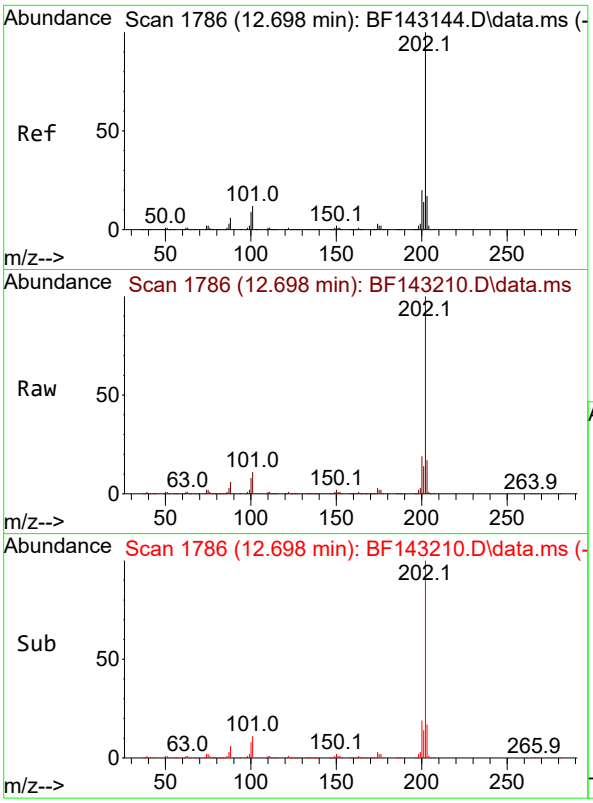


#74
Di-n-butylphthalate
Concen: 44.219 ng
RT: 12.039 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:149 Resp: 733248

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.7	3.8	5.8



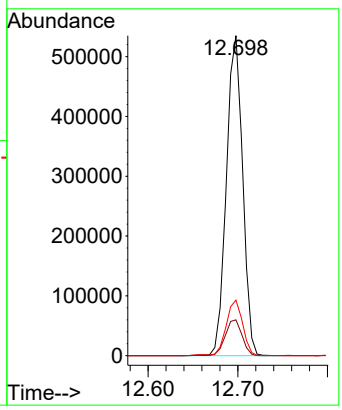


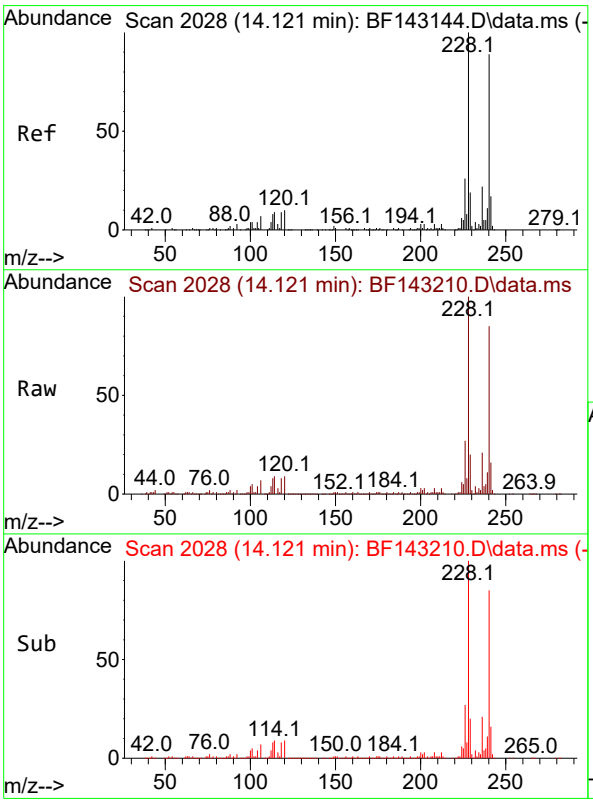
#75
Fluoranthene
Concen: 44.615 ng
RT: 12.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 673881

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.7
203	17.3	0.0	37.4

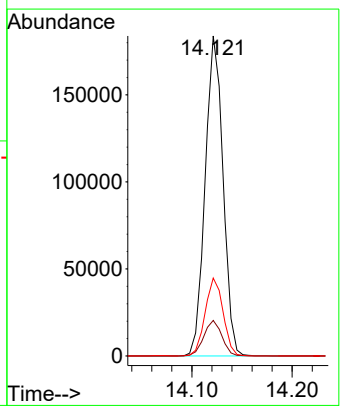


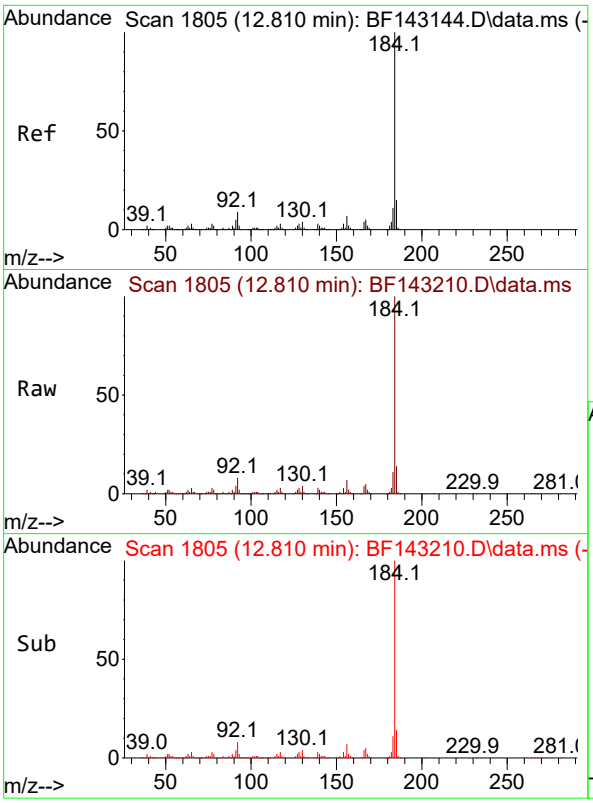


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:240 Resp: 228057

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.4	14.2
236	24.4	20.2	30.4



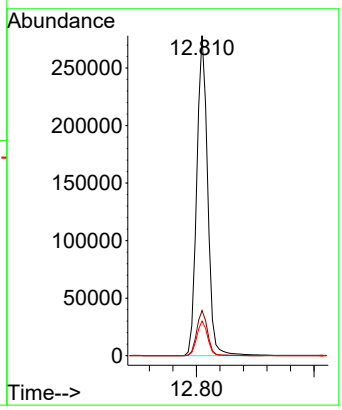


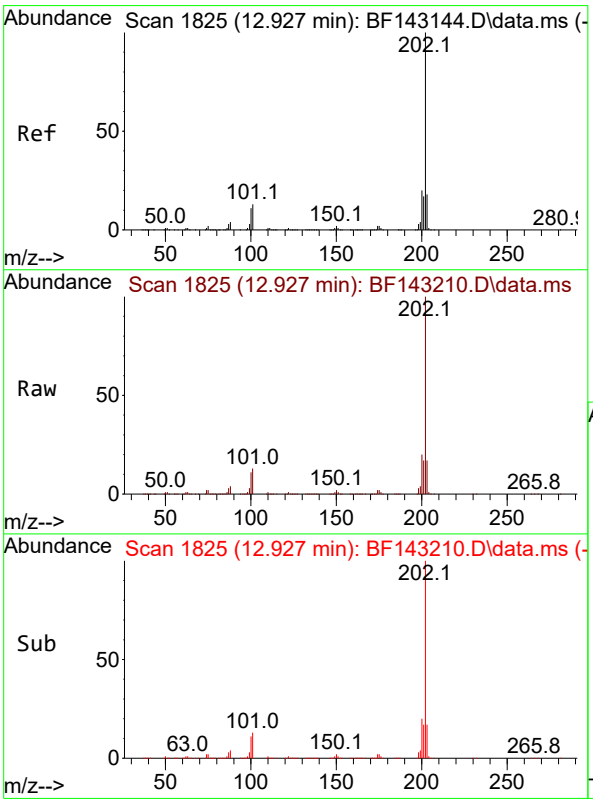
#77
Benzidine
Concen: 40.712 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 357711

Ion	Ratio	Lower	Upper
184	100		
185	14.1	12.2	18.4
183	10.8	9.0	13.4

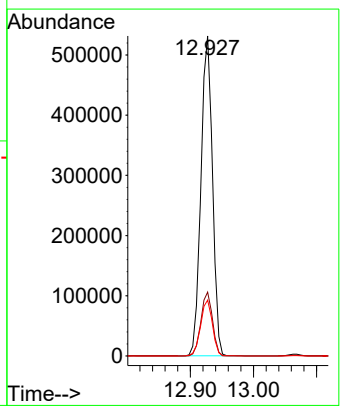


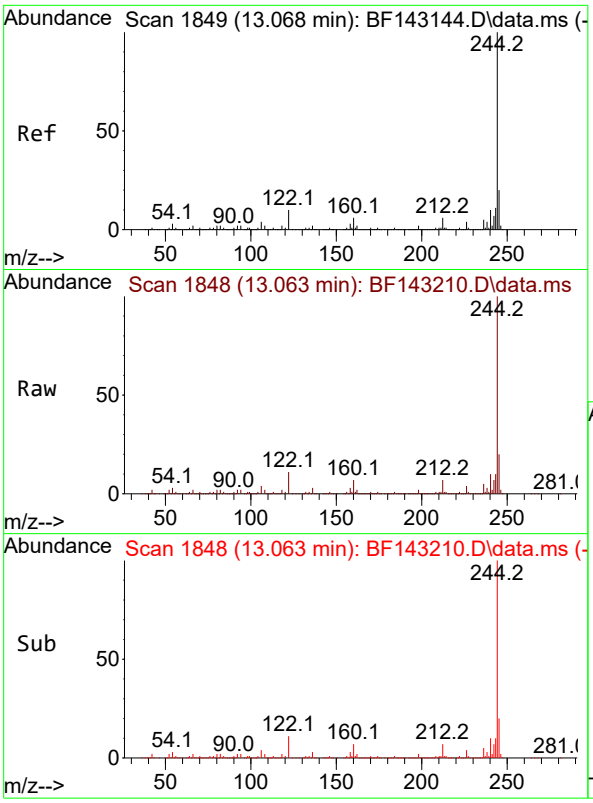


#78
Pyrene
Concen: 34.761 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:202 Resp: 676567

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.7	23.5
203	17.4	14.2	21.2



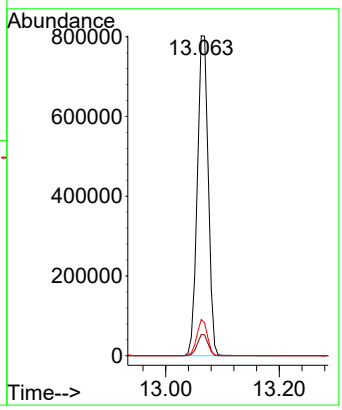


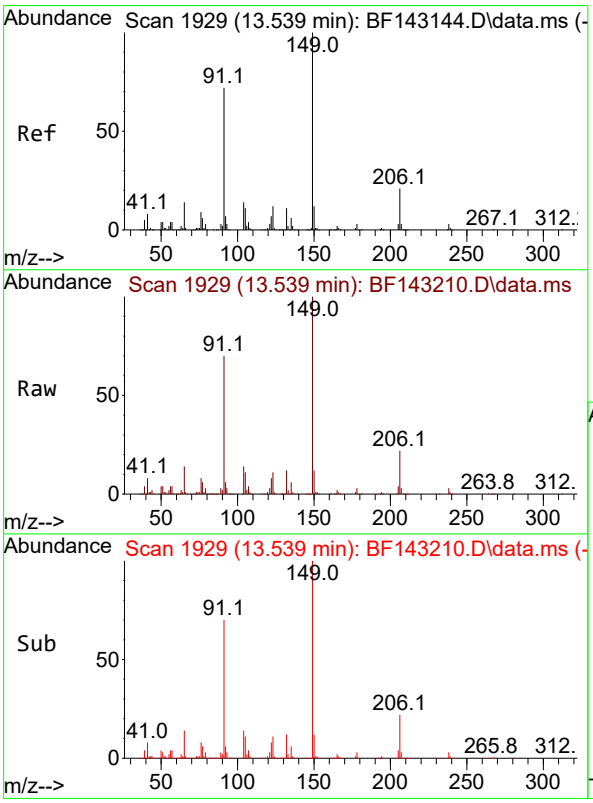
#79
Terphenyl-d14
Concen: 70.144 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 1074970

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	11.3	8.2	12.2

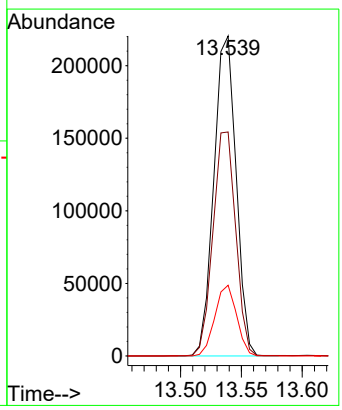


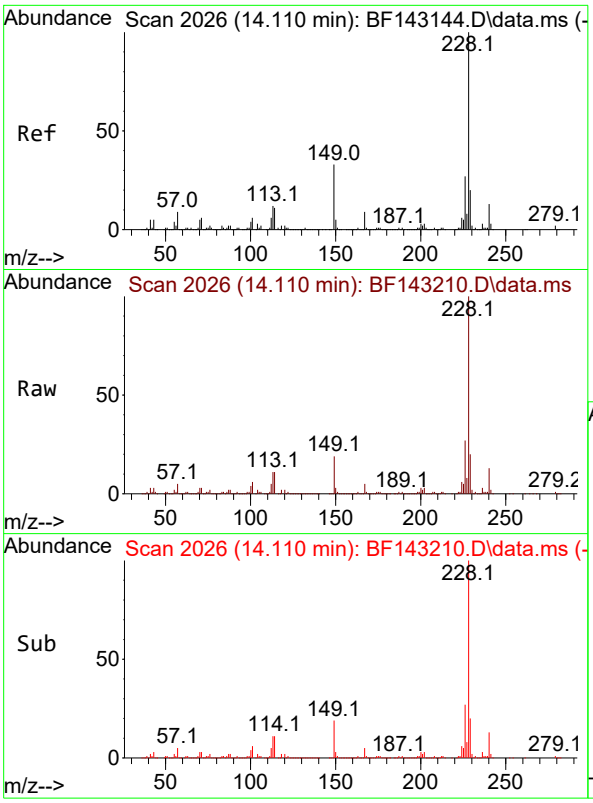


#80
Butylbenzylphthalate
Concen: 47.140 ng
RT: 13.539 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:149 Resp: 280954

Ion	Ratio	Lower	Upper
149	100		
91	70.0	57.9	86.9
206	22.1	17.0	25.4



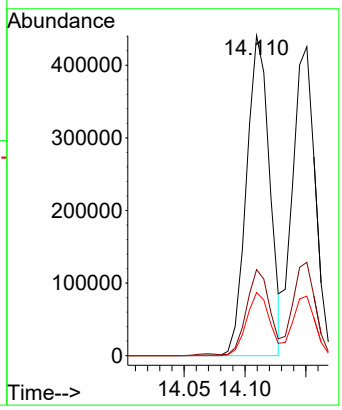


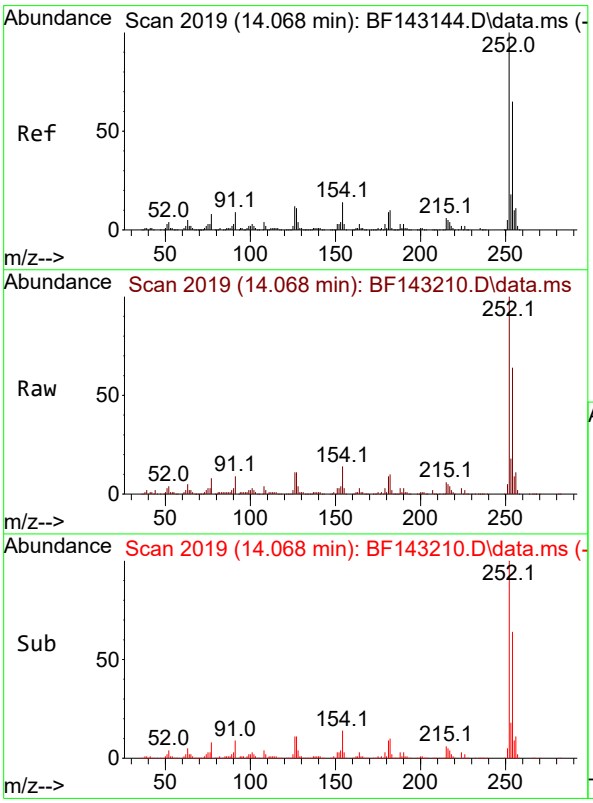
#81
Benzo(a)anthracene
Concen: 38.065 ng
RT: 14.110 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 581201

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	19.8	15.8	23.6

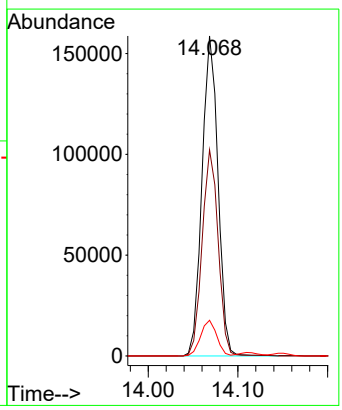


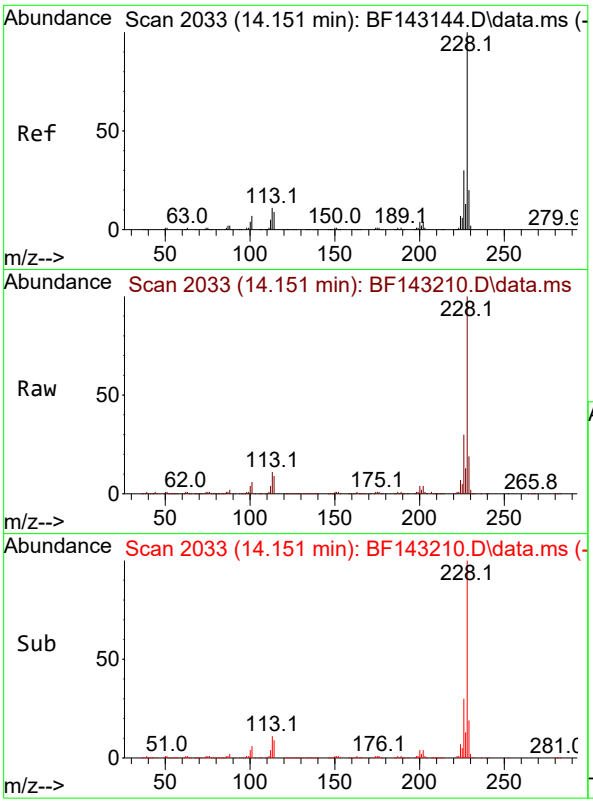


#82
3,3'-Dichlorobenzidine
Concen: 38.576 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:252 Resp: 196307

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.7	77.5
126	11.2	9.4	14.0



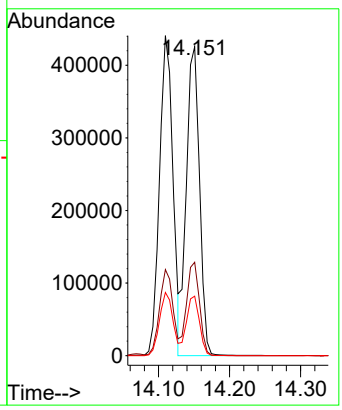


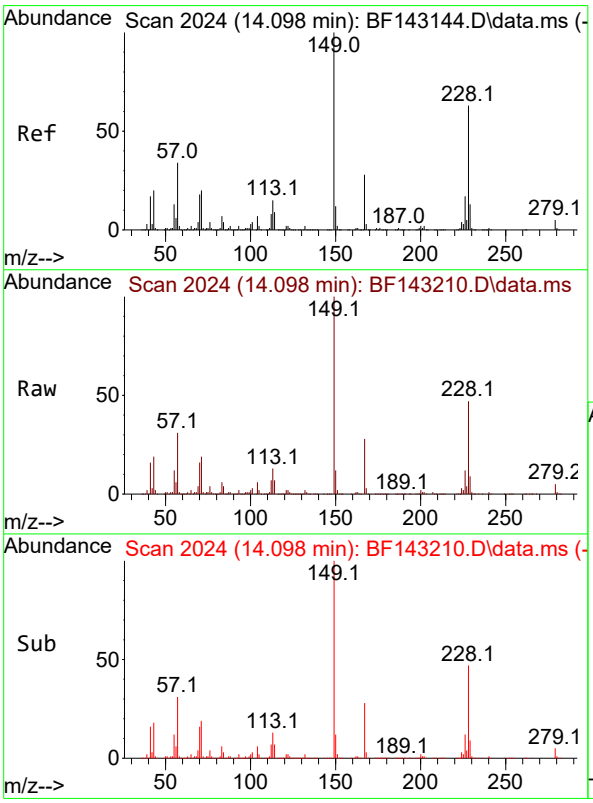
#83
Chrysene
Concen: 39.878 ng
RT: 14.151 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 547436

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.8
229	19.3	15.6	23.4

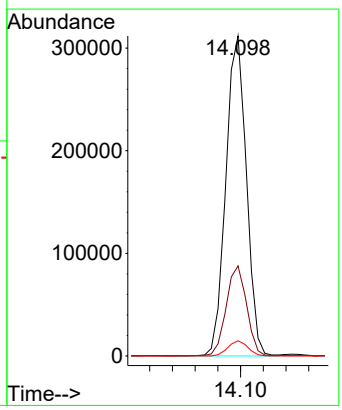


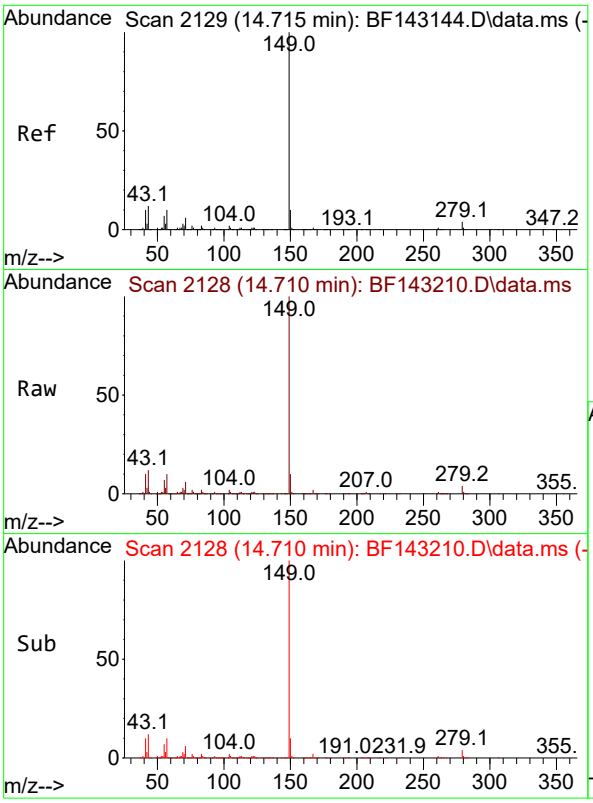


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.463 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:149 Resp: 392081

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.3	33.5
279	4.8	3.6	5.4



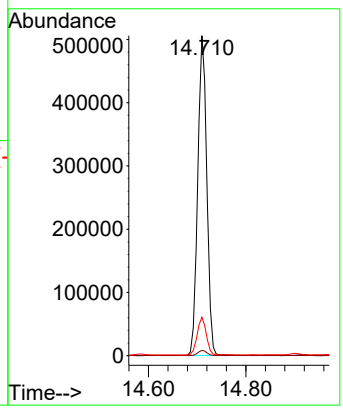


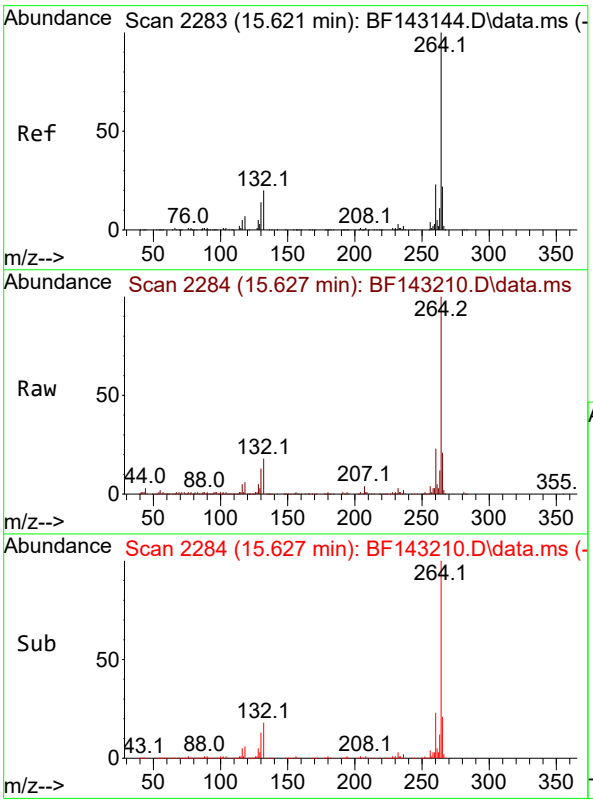
#85
Di-n-octyl phthalate
Concen: 40.193 ng
RT: 14.710 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 657230

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.7	9.7	14.5

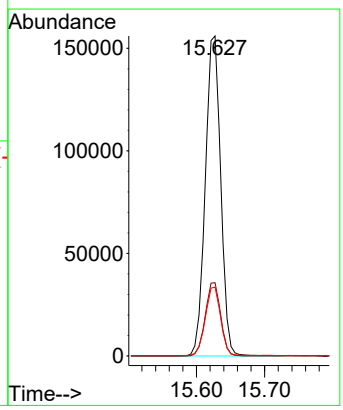


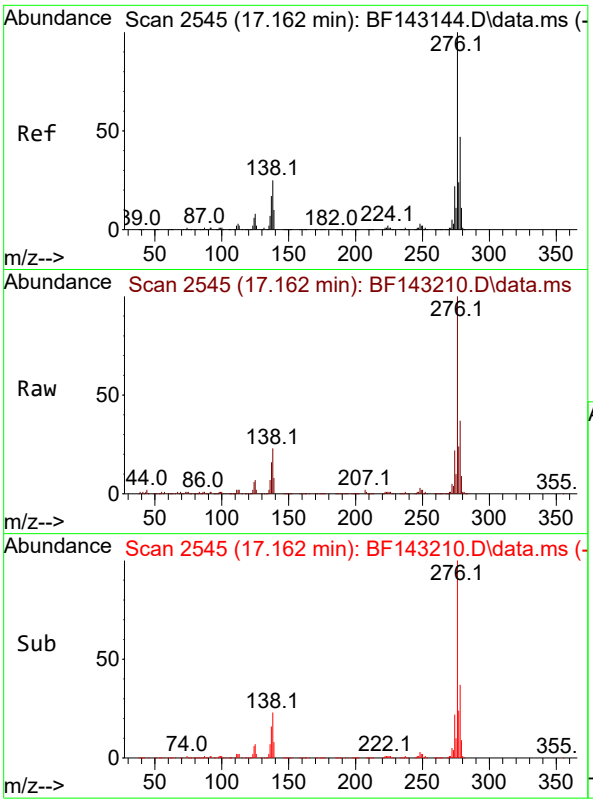


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:264 Resp: 245226

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.5	27.7
265	21.5	17.4	26.2



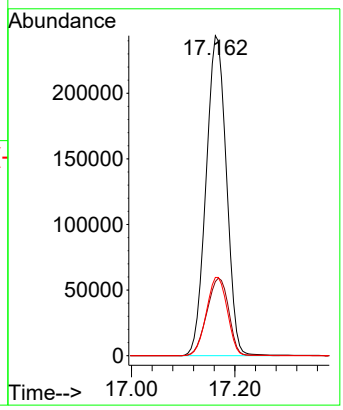


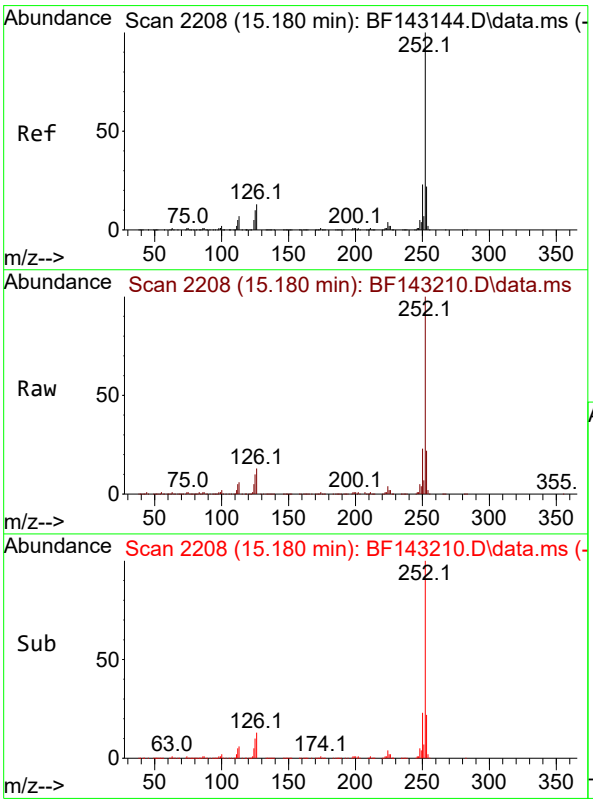
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.487 ng
RT: 17.162 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 665501

Ion	Ratio	Lower	Upper
276	100		
138	26.1	21.8	32.6
277	25.2	20.0	30.0

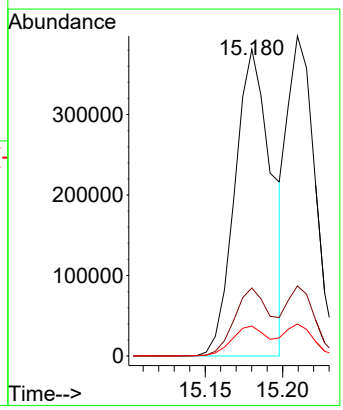


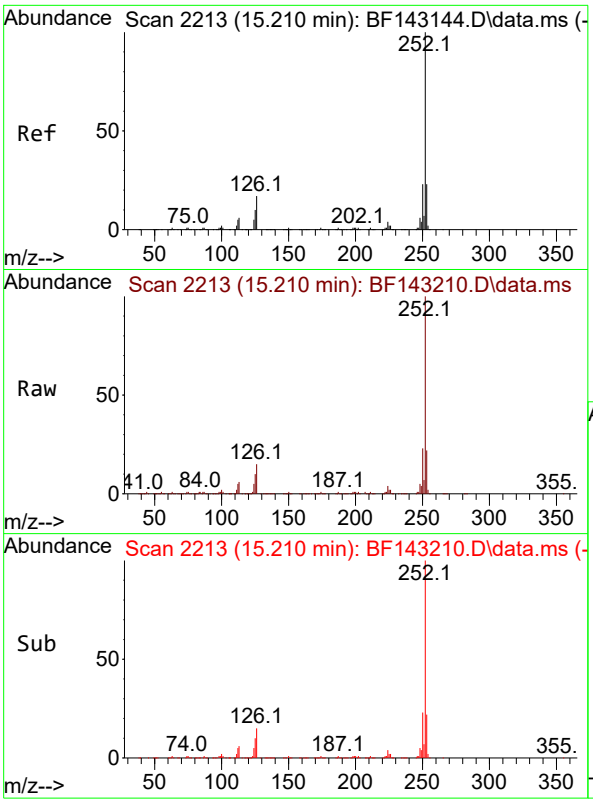


#88
Benzo(b)fluoranthene
Concen: 41.819 ng
RT: 15.180 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:252 Resp: 626496

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	9.8	8.0	12.0



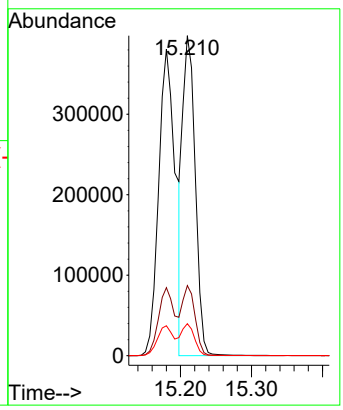


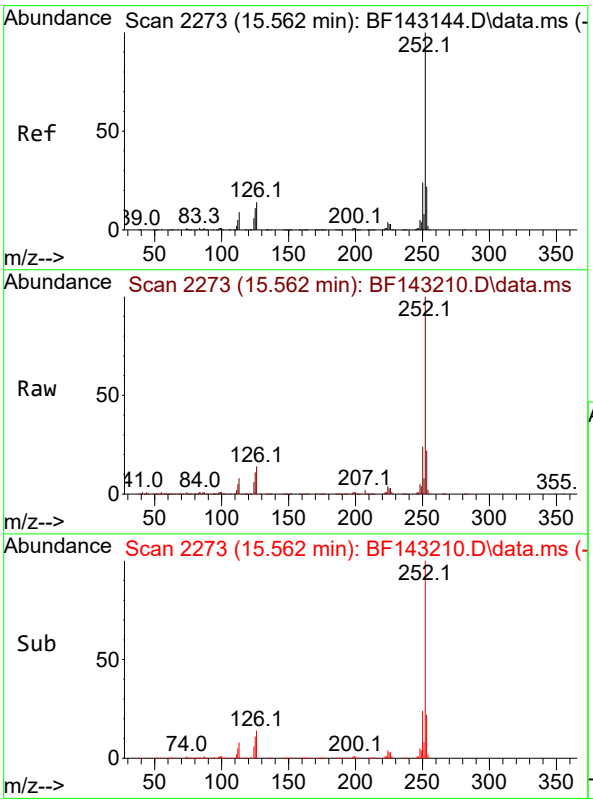
#89
Benzo(k)fluoranthene
Concen: 36.623 ng
RT: 15.210 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 489587

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.0	8.1	12.1

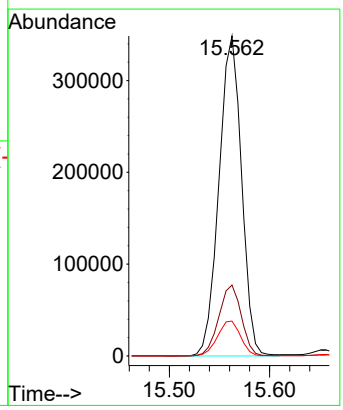


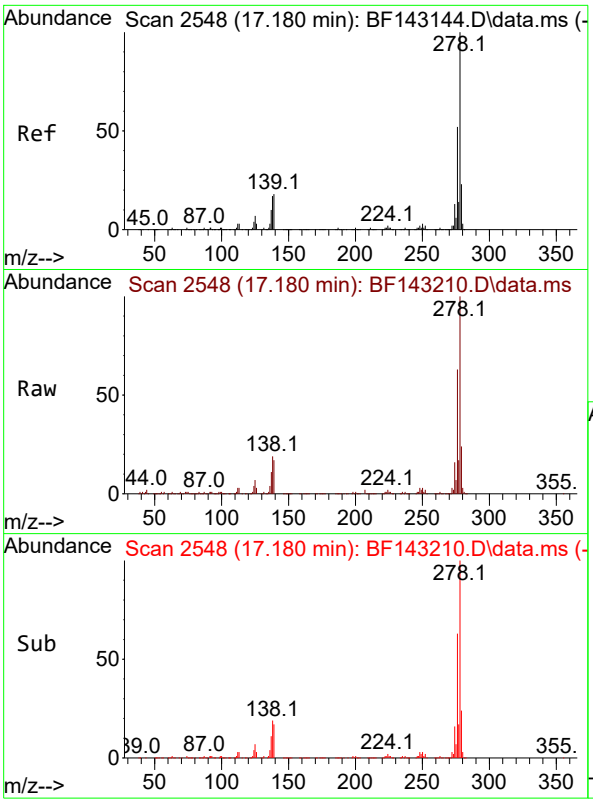


#90
Benzo(a)pyrene
Concen: 39.377 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:252 Resp: 543505

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	10.9	8.6	13.0



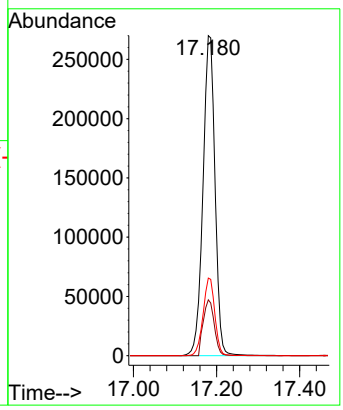


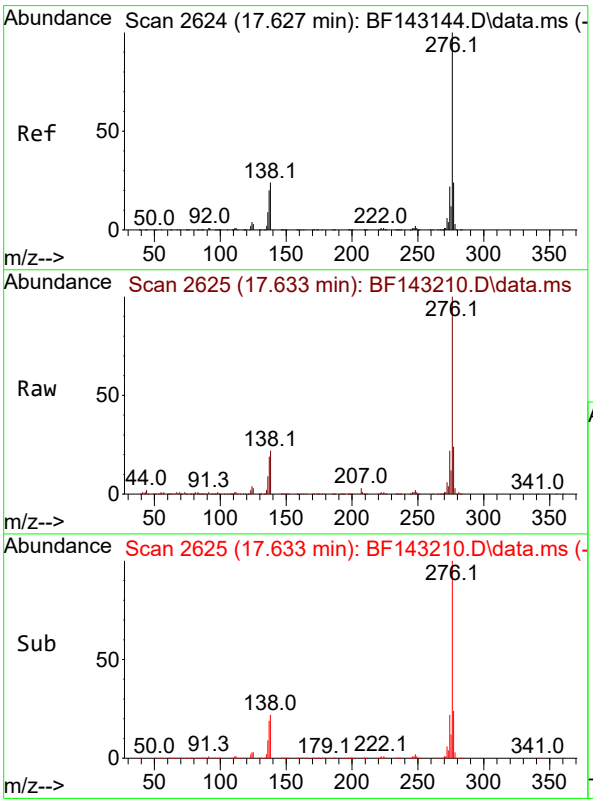
#91
Dibenzo(a,h)anthracene
Concen: 38.668 ng
RT: 17.180 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 544233

Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.1	21.1
279	24.3	18.6	28.0

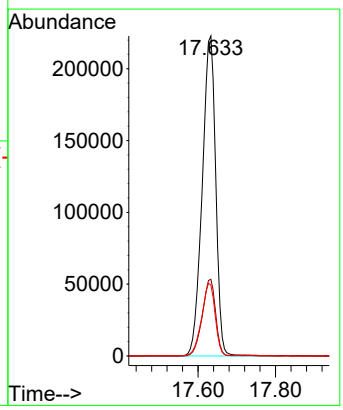




#92
Benzo(g,h,i)perylene
Concen: 39.524 ng
RT: 17.633 min Scan# 2625
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:276 Resp: 538105

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	22.2	18.9	28.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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	58	0.00
2		1,4-Dioxane	0.598	0.584	2.3	57	-0.02
3		Pyridine	1.552	1.455	6.2	55	-0.01
4		n-Nitrosodimethylamine	0.801	0.779	2.7	56	-0.02
5	S	2-Fluorophenol	1.264	1.243	1.7	59	0.00
6		Aniline	2.217	2.069	6.7	55	0.00
7	S	Phenol-d6	1.591	1.523	4.3	57	0.00
8		2-Chlorophenol	1.325	1.298	2.0	58	0.00
9		Benzaldehyde	1.193	1.066	10.6	43#	0.00
10	C	Phenol	1.733	1.726	0.4	59	0.00
11		bis(2-Chloroethyl)ether	1.327	1.254	5.5	56	0.00
12		1,3-Dichlorobenzene	1.439	1.444	-0.3	60	0.00
13	C	1,4-Dichlorobenzene	1.449	1.442	0.5	59	0.00
14		1,2-Dichlorobenzene	1.378	1.382	-0.3	60	0.00
15		Benzyl Alcohol	1.215	1.173	3.5	56	0.00
16		2,2'-oxybis(1-Chloropropane	2.461	2.315	5.9	56	0.00
17		2-Methylphenol	1.114	1.066	4.3	57	0.00
18		Hexachloroethane	0.502	0.518	-3.2	61	0.00
19	P	n-Nitroso-di-n-propylamine	1.021	0.929	9.0	55	0.00
20		3+4-Methylphenols	1.351	1.319	2.4	57	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	57	0.00
22		Acetophenone	0.474	0.460	3.0	57	0.00
23	S	Nitrobenzene-d5	0.401	0.408	-1.7	58	0.00
24		Nitrobenzene	0.374	0.377	-0.8	57	0.00
25		Isophorone	0.708	0.669	5.5	55	0.00
26	C	2-Nitrophenol	0.162	0.179	-10.5	59	0.00
27		2,4-Dimethylphenol	0.331	0.316	4.5	55	0.00
28		bis(2-Chloroethoxy)methane	0.425	0.401	5.6	55	0.00
29	C	2,4-Dichlorophenol	0.279	0.275	1.4	57	0.00
30		1,2,4-Trichlorobenzene	0.302	0.307	-1.7	59	0.00
31		Naphthalene	0.985	0.978	0.7	58	0.00
32		Benzoic acid	0.169	0.190	-12.4	60	0.00
33		4-Chloroaniline	0.402	0.385	4.2	56	0.00
34	C	Hexachlorobutadiene	0.184	0.189	-2.7	59	0.00
35		Caprolactam	0.084	0.086	-2.4	56	-0.02
36	C	4-Chloro-3-methylphenol	0.303	0.294	3.0	56	0.00
37		2-Methylnaphthalene	0.599	0.593	1.0	58	0.00
38		1-Methylnaphthalene	0.617	0.615	0.3	58	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	56	0.00
40		1,2,4,5-Tetrachlorobenzene	0.577	0.577	0.0	59	0.00
41	P	Hexachlorocyclopentadiene	0.376	0.395	-5.1	60	0.00
42	S	2,4,6-Tribromophenol	0.207	0.202	2.4	54	0.00
43	C	2,4,6-Trichlorophenol	0.400	0.386	3.5	57	0.00
44		2,4,5-Trichlorophenol	0.400	0.402	-0.5	56	0.00
45	S	2-Fluorobiphenyl	1.462	1.452	0.7	60	0.00
46		1,1'-Biphenyl	1.560	1.539	1.3	58	0.00
47		2-Chloronaphthalene	1.155	1.124	2.7	58	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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	0.362	0.373	-3.0	56	0.00
49		Acenaphthylene	1.935	1.886	2.5	57	0.00
50		Dimethylphthalate	1.304	1.287	1.3	57	0.00
51		2,6-Dinitrotoluene	0.265	0.272	-2.6	55	0.00
52	C	Acenaphthene	1.144	1.132	1.0	58	0.00
53		3-Nitroaniline	0.310	0.321	-3.5	57	0.00
54	P	2,4-Dinitrophenol	0.098	0.121	-23.5	66	0.00
55		Dibenzofuran	1.698	1.669	1.7	58	0.00
56	P	4-Nitrophenol	0.232	0.241	-3.9	55	0.00
57		2,4-Dinitrotoluene	0.333	0.361	-8.4	58	0.00
58		Fluorene	1.274	1.270	0.3	59	0.00
59		2,3,4,6-Tetrachlorophenol	0.331	0.297	10.3	50	0.00
60		Diethylphthalate	1.289	1.275	1.1	57	0.00
61		4-Chlorophenyl-phenylether	0.635	0.635	0.0	59	0.00
62		4-Nitroaniline	0.266	0.288	-8.3	58	0.00
63		Azobenzene	1.343	1.305	2.8	56	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	57	0.00
65		4,6-Dinitro-2-methylphenol	0.094	0.106	-12.8	62	0.00
66	c	n-Nitrosodiphenylamine	0.704	0.668	5.1	57	0.00
67		4-Bromophenyl-phenylether	0.238	0.229	3.8	57	0.00
68		Hexachlorobenzene	0.249	0.244	2.0	58	0.00
69		Atrazine	0.194	0.204	-5.2	59	0.00
70	C	Pentachlorophenol	0.147	0.134	8.8	52	0.00
71		Phenanthrene	1.062	1.044	1.7	58	0.00
72		Anthracene	1.083	1.077	0.6	59	0.00
73		Carbazole	0.946	0.981	-3.7	60	0.00
74		Di-n-butylphthalate	1.070	1.183	-10.6	63	0.00
75	C	Fluoranthene	0.975	1.087	-11.5	65	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	77	0.00
77		Benzidine	0.771	0.784	-1.7	63	0.00
78		Pyrene	1.707	1.483	13.1	67	0.00
79	S	Terphenyl-d14	1.344	1.178	12.4	69	0.00
80		Butylbenzylphthalate	0.523	0.616	-17.8	87	0.00
81		Benzo(a)anthracene	1.339	1.274	4.9	77	0.00
82		3,3'-Dichlorobenzidine	0.446	0.430	3.6	77	0.00
83		Chrysene	1.204	1.200	0.3	77	0.00
84		Bis(2-ethylhexyl)phthalate	0.791	0.860	-8.7	84	0.00
85	c	Di-n-octyl phthalate	1.434	1.441	-0.5	80	0.00
86	I	Perylene-d12	1.000	1.000	0.0	76	0.00
87		Indeno(1,2,3-cd)pyrene	1.410	1.357	3.8	73	0.00
88		Benzo(b)fluoranthene	1.222	1.277	-4.5	84	0.00
89		Benzo(k)fluoranthene	1.090	0.998	8.4	67	0.00
90	C	Benzo(a)pyrene	1.126	1.108	1.6	75	0.00
91		Dibenzo(a,h)anthracene	1.148	1.110	3.3	73	0.00
92		Benzo(g,h,i)perylene	1.110	1.097	1.2	75	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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	58	0.00
2		1,4-Dioxane	40.000	39.043	2.4	57	-0.02
3		Pyridine	40.000	37.501	6.2	55	-0.01
4		n-Nitrosodimethylamine	40.000	38.857	2.9	56	-0.02
5	S	2-Fluorophenol	80.000	78.697	1.6	59	0.00
6		Aniline	40.000	37.330	6.7	55	0.00
7	S	Phenol-d6	80.000	76.594	4.3	57	0.00
8		2-Chlorophenol	40.000	39.203	2.0	58	0.00
9		Benzaldehyde	40.000	35.749	10.6	43	0.00
10	C	Phenol	40.000	39.837	0.4	59	0.00
11		bis(2-Chloroethyl)ether	40.000	37.812	5.5	56	0.00
12		1,3-Dichlorobenzene	40.000	40.124	-0.3	60	0.00
13	C	1,4-Dichlorobenzene	40.000	39.792	0.5	59	0.00
14		1,2-Dichlorobenzene	40.000	40.116	-0.3	60	0.00
15		Benzyl Alcohol	40.000	38.639	3.4	56	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	37.612	6.0	56	0.00
17		2-Methylphenol	40.000	38.282	4.3	57	0.00
18		Hexachloroethane	40.000	41.296	-3.2	61	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	36.393	9.0	55	0.00
20		3+4-Methylphenols	40.000	39.051	2.4	57	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	57	0.00
22		Acetophenone	40.000	38.853	2.9	57	0.00
23	S	Nitrobenzene-d5	80.000	81.332	-1.7	58	0.00
24		Nitrobenzene	40.000	40.321	-0.8	57	0.00
25		Isophorone	40.000	37.791	5.5	55	0.00
26	C	2-Nitrophenol	40.000	44.072	-10.2	59	0.00
27		2,4-Dimethylphenol	40.000	38.169	4.6	55	0.00
28		bis(2-Chloroethoxy)methane	40.000	37.737	5.7	55	0.00
29	C	2,4-Dichlorophenol	40.000	39.391	1.5	57	0.00
30		1,2,4-Trichlorobenzene	40.000	40.763	-1.9	59	0.00
31		Naphthalene	40.000	39.723	0.7	58	0.00
32		Benzoic acid	40.000	41.627	-4.1	60	0.00
33		4-Chloroaniline	40.000	38.259	4.4	56	0.00
34	C	Hexachlorobutadiene	40.000	40.960	-2.4	59	0.00
35		Caprolactam	40.000	40.895	-2.2	56	-0.02
36	C	4-Chloro-3-methylphenol	40.000	38.764	3.1	56	0.00
37		2-Methylnaphthalene	40.000	39.580	1.1	58	0.00
38		1-Methylnaphthalene	40.000	39.872	0.3	58	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	56	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	39.956	0.1	59	0.00
41	P	Hexachlorocyclopentadiene	40.000	42.082	-5.2	60	0.00
42	S	2,4,6-Tribromophenol	80.000	78.251	2.2	54	0.00
43	C	2,4,6-Trichlorophenol	40.000	38.625	3.4	57	0.00
44		2,4,5-Trichlorophenol	40.000	40.211	-0.5	56	0.00
45	S	2-Fluorobiphenyl	80.000	79.441	0.7	60	0.00
46		1,1'-Biphenyl	40.000	39.454	1.4	58	0.00
47		2-Chloronaphthalene	40.000	38.957	2.6	58	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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	41.188	-3.0	56	0.00
49		Acenaphthylene	40.000	38.989	2.5	57	0.00
50		Dimethylphthalate	40.000	39.503	1.2	57	0.00
51		2,6-Dinitrotoluene	40.000	41.014	-2.5	55	0.00
52	C	Acenaphthene	40.000	39.605	1.0	58	0.00
53		3-Nitroaniline	40.000	41.423	-3.6	57	0.00
54	P	2,4-Dinitrophenol	40.000	43.601	-9.0	66	0.00
55		Dibenzofuran	40.000	39.327	1.7	58	0.00
56	P	4-Nitrophenol	40.000	41.556	-3.9	55	0.00
57		2,4-Dinitrotoluene	40.000	43.429	-8.6	58	0.00
58		Fluorene	40.000	39.871	0.3	59	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	35.835	10.4	50	0.00
60		Diethylphthalate	40.000	39.593	1.0	57	0.00
61		4-Chlorophenyl-phenylether	40.000	40.030	-0.1	59	0.00
62		4-Nitroaniline	40.000	43.376	-8.4	58	0.00
63		Azobenzene	40.000	38.867	2.8	56	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	57	0.00
65		4,6-Dinitro-2-methylphenol	40.000	41.322	-3.3	62	0.00
66	c	n-Nitrosodiphenylamine	40.000	37.925	5.2	57	0.00
67		4-Bromophenyl-phenylether	40.000	38.488	3.8	57	0.00
68		Hexachlorobenzene	40.000	39.109	2.2	58	0.00
69		Atrazine	40.000	42.107	-5.3	59	0.00
70	C	Pentachlorophenol	40.000	36.572	8.6	52	0.00
71		Phenanthrene	40.000	39.306	1.7	58	0.00
72		Anthracene	40.000	39.761	0.6	59	0.00
73		Carbazole	40.000	41.500	-3.8	60	0.00
74		Di-n-butylphthalate	40.000	44.219	-10.5	63	0.00
75	C	Fluoranthene	40.000	44.615	-11.5	65	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	77	0.00
77		Benzidine	40.000	40.712	-1.8	63	0.00
78		Pyrene	40.000	34.761	13.1	67	0.00
79	S	Terphenyl-d14	80.000	70.144	12.3	69	0.00
80		Butylbenzylphthalate	40.000	47.140	-17.9	87	0.00
81		Benzo(a)anthracene	40.000	38.065	4.8	77	0.00
82		3,3'-Dichlorobenzidine	40.000	38.576	3.6	77	0.00
83		Chrysene	40.000	39.878	0.3	77	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	43.463	-8.7	84	0.00
85	c	Di-n-octyl phthalate	40.000	40.193	-0.5	80	0.00
86	I	Perylene-d12	20.000	20.000	0.0	76	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	38.487	3.8	73	0.00
88		Benzo(b)fluoranthene	40.000	41.819	-4.5	84	0.00
89		Benzo(k)fluoranthene	40.000	36.623	8.4	67	0.00
90	C	Benzo(a)pyrene	40.000	39.377	1.6	75	0.00
91		Dibenzo(a,h)anthracene	40.000	38.668	3.3	73	0.00
92		Benzo(g,h,i)perylene	40.000	39.524	1.2	75	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG No.: Q2645

Instrument ID: BNA_F Calibration Date/Time: 07/23/2025 19:54

Lab File ID: BF143221.D Init. Calib. Date(s): 07/17/2025 07/17/2025

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 11:04 14:34

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.264	1.184		-6.3	50.0
Benzaldehyde	1.193	1.042		-12.7	50.0
Phenol-d6	1.591	1.484		-6.7	50.0
Phenol	1.733	1.686		-2.8	50.0
bis(2-Chloroethyl)ether	1.327	1.245		-6.2	50.0
2-Chlorophenol	1.325	1.267		-4.4	50.0
2-Methylphenol	1.114	1.072		-3.8	50.0
2,2-oxybis(1-Chloropropane)	2.461	2.326		-5.5	50.0
Acetophenone	0.474	0.452		-4.6	50.0
3+4-Methylphenols	1.351	1.294		-4.2	50.0
n-Nitroso-di-n-propylamine	1.021	0.945	0.050	-7.4	50.0
Nitrobenzene-d5	0.401	0.407		1.5	50.0
Hexachloroethane	0.502	0.505		0.6	50.0
Nitrobenzene	0.374	0.372		-0.5	50.0
Isophorone	0.708	0.683		-3.5	50.0
2-Nitrophenol	0.162	0.184		13.6	50.0
2,4-Dimethylphenol	0.331	0.321		-3.0	50.0
bis(2-Chloroethoxy)methane	0.425	0.409		-3.8	50.0
2,4-Dichlorophenol	0.279	0.277		-0.7	50.0
Naphthalene	0.985	0.969		-1.6	50.0
4-Chloroaniline	0.402	0.379		-5.7	50.0
Hexachlorobutadiene	0.184	0.185		0.5	50.0
Caprolactam	0.084	0.087		3.6	50.0
4-Chloro-3-methylphenol	0.303	0.298		-1.6	50.0
2-Methylnaphthalene	0.599	0.584		-2.5	50.0
Hexachlorocyclopentadiene	0.376	0.396	0.050	5.3	50.0
2,4,6-Trichlorophenol	0.400	0.394		-1.5	50.0
2-Fluorobiphenyl	1.462	1.438		-1.7	50.0
2,4,5-Trichlorophenol	0.400	0.408		2.0	50.0
1,1-Biphenyl	1.560	1.557		-0.2	50.0
2-Chloronaphthalene	1.155	1.142		-1.1	50.0
2-Nitroaniline	0.362	0.386		6.6	50.0
Dimethylphthalate	1.304	1.313		0.7	50.0
Acenaphthylene	1.935	1.893		-2.2	50.0
2,6-Dinitrotoluene	0.265	0.288		8.7	50.0
3-Nitroaniline	0.310	0.314		1.3	50.0
Acenaphthene	1.144	1.148		0.3	50.0
2,4-Dinitrophenol	0.098	0.136	0.050	38.8	50.0
4-Nitrophenol	0.232	0.238	0.050	2.6	50.0

Form VII SV-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: TETR06

Lab Code: ACE SDG No.: Q2645

Instrument ID: BNA_F Calibration Date/Time: 07/23/2025 19:54

Lab File ID: BF143221.D Init. Calib. Date(s): 07/17/2025 07/17/2025

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 11:04 14:34

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.698	1.661		-2.2	50.0
2,4-Dinitrotoluene	0.333	0.376		12.9	50.0
Diethylphthalate	1.289	1.299		0.8	50.0
4-Chlorophenyl-phenylether	0.635	0.630		-0.8	50.0
Fluorene	1.274	1.254		-1.6	50.0
4-Nitroaniline	0.266	0.277		4.1	50.0
4,6-Dinitro-2-methylphenol	0.094	0.117		24.5	50.0
n-Nitrosodiphenylamine	0.704	0.672		-4.5	50.0
2,4,6-Tribromophenol	0.207	0.204		-1.4	50.0
4-Bromophenyl-phenylether	0.238	0.232		-2.5	50.0
Hexachlorobenzene	0.249	0.242		-2.8	50.0
Atrazine	0.194	0.207		6.7	50.0
Pentachlorophenol	0.147	0.149		1.4	50.0
Phenanthrene	1.062	1.037		-2.4	50.0
Anthracene	1.083	1.044		-3.6	50.0
Carbazole	0.946	0.929		-1.8	50.0
Di-n-butylphthalate	1.070	1.155		7.9	50.0
Fluoranthene	0.975	0.987		1.2	50.0
Pyrene	1.707	1.606		-5.9	50.0
Terphenyl-d14	1.344	1.260		-6.3	50.0
Butylbenzylphthalate	0.523	0.647		23.7	50.0
3,3-Dichlorobenzidine	0.446	0.442		-0.9	50.0
Benzo(a)anthracene	1.339	1.334		-0.4	50.0
Chrysene	1.204	1.132		-6.0	50.0
Bis(2-ethylhexyl)phthalate	0.791	0.884		11.8	50.0
Di-n-octyl phthalate	1.434	1.462		2.0	50.0
Benzo(b)fluoranthene	1.222	1.276		4.4	50.0
Benzo(k)fluoranthene	1.090	1.000		-8.3	50.0
Benzo(a)pyrene	1.126	1.111		-1.3	50.0
Indeno(1,2,3-cd)pyrene	1.410	1.398		-0.9	50.0
Dibenzo(a,h)anthracene	1.148	1.145		-0.3	50.0
Benzo(g,h,i)perylene	1.110	1.124		1.3	50.0
1,2,4,5-Tetrachlorobenzene	0.577	0.576		-0.2	50.0
1,4-Dioxane	0.598	0.552		-7.7	50.0
2,3,4,6-Tetrachlorophenol	0.331	0.310		-6.3	50.0

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143221.D
Acq On : 23 Jul 2025 19:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 24 01:20:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	121585	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	458358	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	235193	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	388311	20.000	ng		0.00
76) Chrysene-d12	14.121	240	239918	20.000	ng		0.00
86) Perylene-d12	15.621	264	260552	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	575731	74.933	ng		0.00
7) Phenol-d6	6.587	99	721856	74.643	ng		0.00
23) Nitrobenzene-d5	7.522	82	746822	81.218	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	192118	79.071	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1352359	78.638	ng		0.00
79) Terphenyl-d14	13.069	244	1209203	75.002	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.799	88	134316	36.945	ng		99
3) Pyridine	3.575	79	348536	36.936	ng		99
4) n-Nitrosodimethylamine	3.516	42	184177	37.804	ng		99
6) Aniline	6.622	93	492671	36.553	ng		98
8) 2-Chlorophenol	6.751	128	308145	38.262	ng		98
9) Benzaldehyde	6.510	77	253502	34.958	ng		98
10) Phenol	6.604	94	409863	38.903	ng		96
11) bis(2-Chloroethyl)ether	6.692	93	302736	37.530	ng		99
12) 1,3-Dichlorobenzene	6.904	146	334843	38.273	ng		100
13) 1,4-Dichlorobenzene	6.981	146	342417	38.864	ng		100
14) 1,2-Dichlorobenzene	7.134	146	322055	38.432	ng		100
15) Benzyl Alcohol	7.098	79	285034	38.601	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	565509	37.792	ng		100
17) 2-Methylphenol	7.210	107	260645	38.491	ng		99
18) Hexachloroethane	7.481	117	122749	40.244	ng		98
19) n-Nitroso-di-n-propyla...	7.369	70	229690	37.020	ng		99
20) 3+4-Methylphenols	7.363	107	314738	38.309	ng	#	77
22) Acetophenone	7.369	105	414569	38.203	ng	#	99
24) Nitrobenzene	7.539	77	341419	39.826	ng		99
25) Isophorone	7.781	82	625867	38.556	ng		98
26) 2-Nitrophenol	7.857	139	168496	45.287	ng		99
27) 2,4-Dimethylphenol	7.892	122	294696	38.857	ng		100
28) bis(2-Chloroethoxy)met...	7.986	93	375135	38.544	ng		99
29) 2,4-Dichlorophenol	8.098	162	254354	39.769	ng		100
30) 1,2,4-Trichlorobenzene	8.186	180	272980	39.506	ng		100
31) Naphthalene	8.269	128	888648	39.367	ng		99
32) Benzoic acid	7.992	122	179361	42.633	ng		99
33) 4-Chloroaniline	8.310	127	347284	37.678	ng		99
34) Hexachlorobutadiene	8.386	225	169752	40.216	ng		99
35) Caprolactam	8.669	113	79704	41.239	ng		99
36) 4-Chloro-3-methylphenol	8.786	107	273054	39.279	ng		98
37) 2-Methylnaphthalene	8.957	142	535718	39.000	ng		100
38) 1-Methylnaphthalene	9.057	142	558905	39.512	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	271052	39.918	ng		100
41) Hexachlorocyclopentadiene	9.116	237	186455	42.201	ng		98
43) 2,4,6-Trichlorophenol	9.233	196	185114	39.390	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143221.D
Acq On : 23 Jul 2025 19:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 24 01:20:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

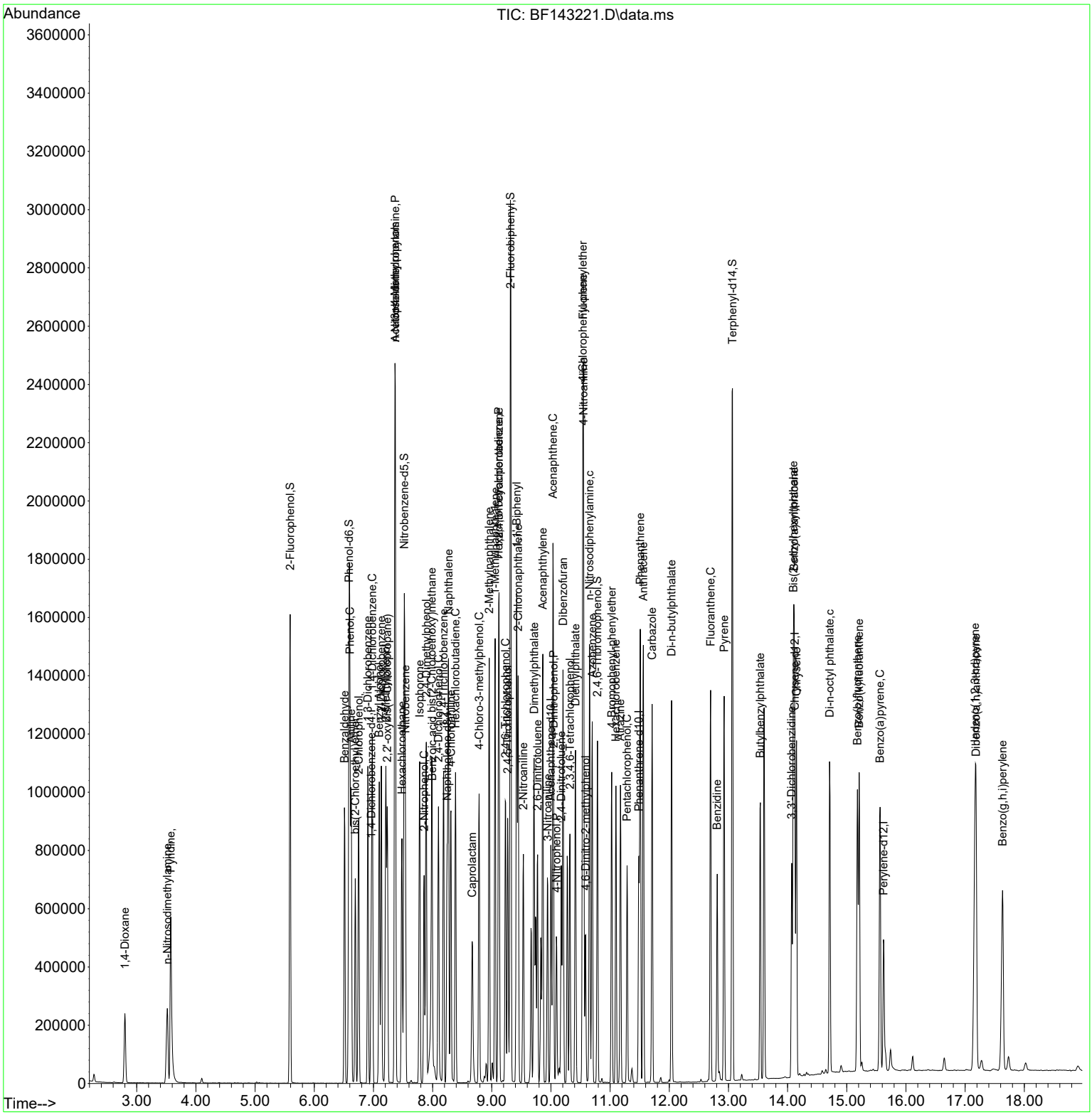
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	192146	40.875	ng		98
46) 1,1'-Biphenyl	9.422	154	732610	39.925	ng		100
47) 2-Chloronaphthalene	9.445	162	537315	39.574	ng		100
48) 2-Nitroaniline	9.533	65	181690	42.672	ng		99
49) Acenaphthylene	9.863	152	890386	39.131	ng		100
50) Dimethylphthalate	9.716	163	617764	40.296	ng		99
51) 2,6-Dinitrotoluene	9.775	165	135289	43.380	ng		97
52) Acenaphthene	10.033	154	539986	40.152	ng		99
53) 3-Nitroaniline	9.945	138	147684	40.486	ng		96
54) 2,4-Dinitrophenol	10.045	184	63769	48.021	ng	#	52
55) Dibenzofuran	10.204	168	781320	39.131	ng		99
56) 4-Nitrophenol	10.092	139	111895	41.078	ng		98
57) 2,4-Dinitrotoluene	10.175	165	177032	45.245	ng		95
58) Fluorene	10.545	166	590047	39.375	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	145668	37.408	ng		99
60) Diethylphthalate	10.416	149	611236	40.338	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	296476	39.732	ng		99
62) 4-Nitroaniline	10.551	138	130501	41.742	ng		99
63) Azobenzene	10.698	77	623709	39.494	ng		99
65) 4,6-Dinitro-2-methylph...	10.586	198	91197	45.161	ng		97
66) n-Nitrosodiphenylamine	10.651	169	521954	38.172	ng		100
67) 4-Bromophenyl-phenylether	11.027	248	179887	38.872	ng		99
68) Hexachlorobenzene	11.098	284	188132	38.896	ng		99
69) Atrazine	11.175	200	160879	42.677	ng		99
70) Pentachlorophenol	11.286	266	115781	40.704	ng		98
71) Phenanthrene	11.510	178	805603	39.073	ng		100
72) Anthracene	11.563	178	810907	38.563	ng		99
73) Carbazole	11.710	167	721548	39.296	ng		100
74) Di-n-butylphthalate	12.039	149	896871	43.168	ng		100
75) Fluoranthene	12.698	202	766728	40.515	ng		99
77) Benzidine	12.810	184	375180	40.589	ng		99
78) Pyrene	12.927	202	770682	37.639	ng		99
80) Butylbenzylphthalate	13.539	149	310396	49.505	ng		97
81) Benzo(a)anthracene	14.110	228	639877	39.837	ng		99
82) 3,3'-Dichlorobenzidine	14.068	252	212028	39.606	ng		99
83) Chrysene	14.151	228	543320	37.622	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	424006	44.678	ng		99
85) Di-n-octyl phthalate	14.710	149	701660	40.789	ng		98
87) Indeno(1,2,3-cd)pyrene	17.168	276	728424	39.648	ng		98
88) Benzo(b)fluoranthene	15.180	252	664764	41.763	ng		100
89) Benzo(k)fluoranthene	15.210	252	520903	36.673	ng		100
90) Benzo(a)pyrene	15.562	252	579199	39.494	ng		100
91) Dibenzo(a,h)anthracene	17.186	278	596645	39.899	ng		98
92) Benzo(g,h,i)perylene	17.633	276	585525	40.478	ng		98

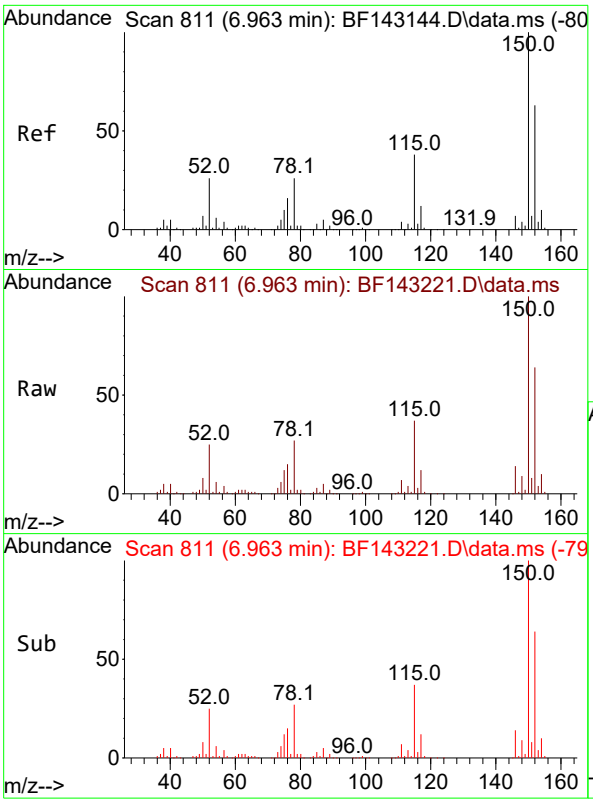
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143221.D
Acq On : 23 Jul 2025 19:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 24 01:20:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



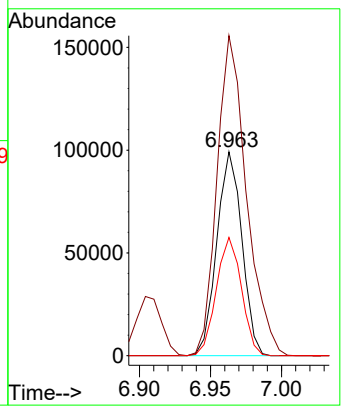


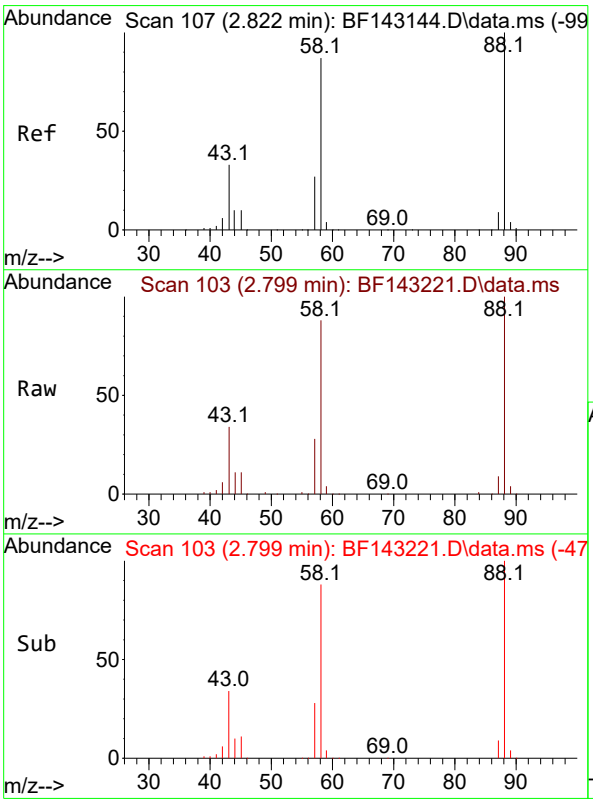
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 121585

Ion	Ratio	Lower	Upper
152	100		
150	157.0	128.2	192.4
115	58.0	47.9	71.9

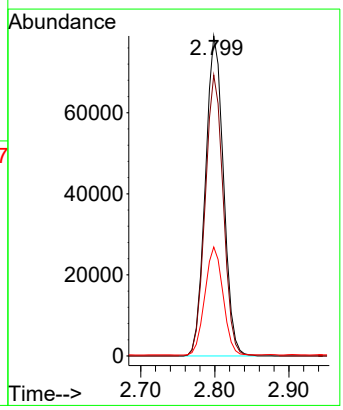


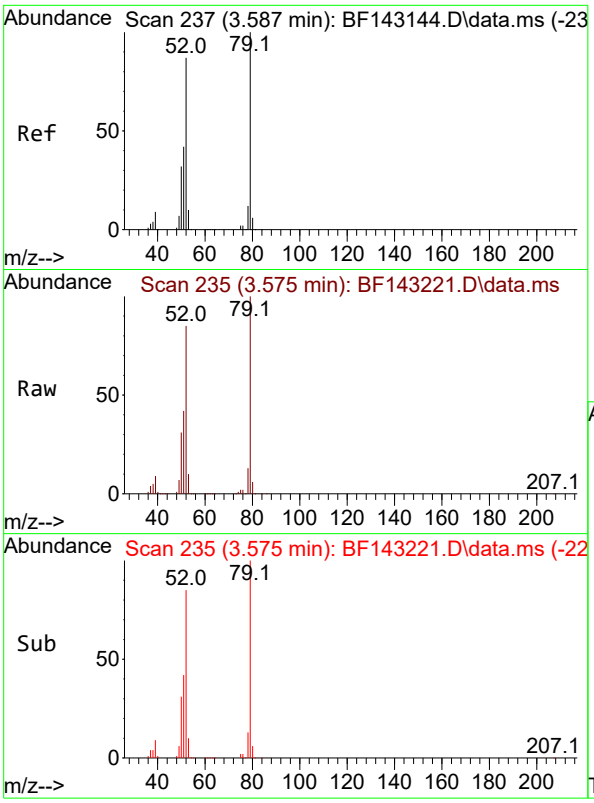


#2
1,4-Dioxane
Concen: 36.945 ng
RT: 2.799 min Scan# 103
Delta R.T. -0.024 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion: 88 Resp: 134316

Ion	Ratio	Lower	Upper
88	100		
58	87.1	70.2	105.2
43	33.7	27.1	40.7



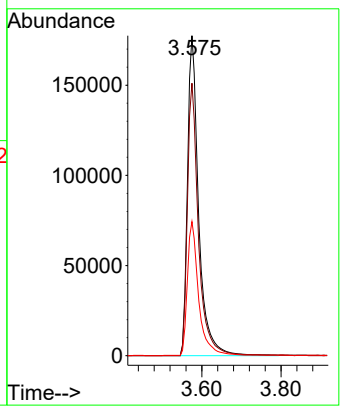


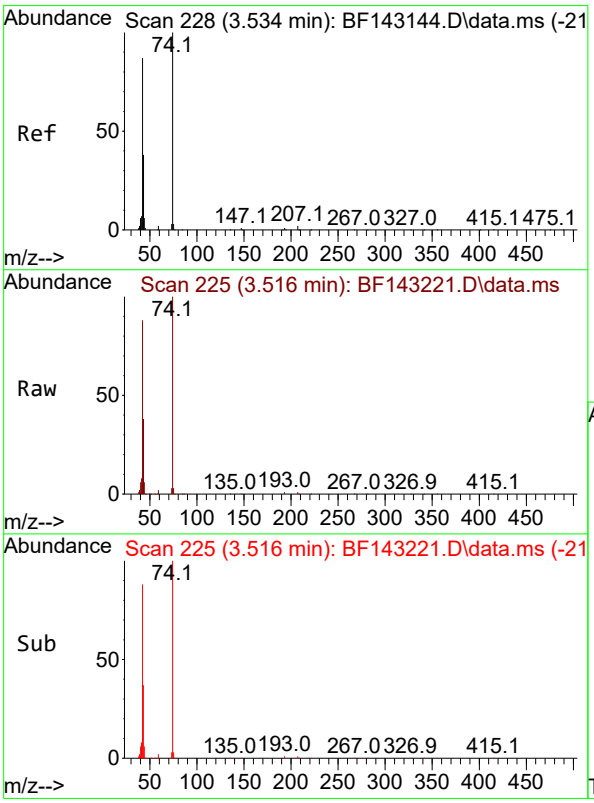
#3
Pyridine
Concen: 36.936 ng
RT: 3.575 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 348536

Ion	Ratio	Lower	Upper
79	100		
52	85.1	69.4	104.2
51	41.9	33.5	50.3

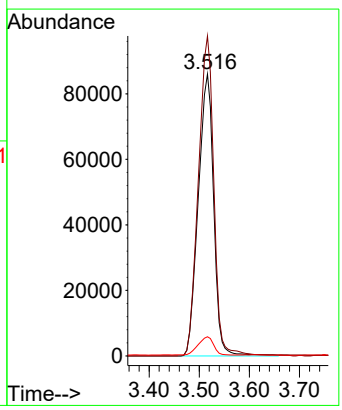


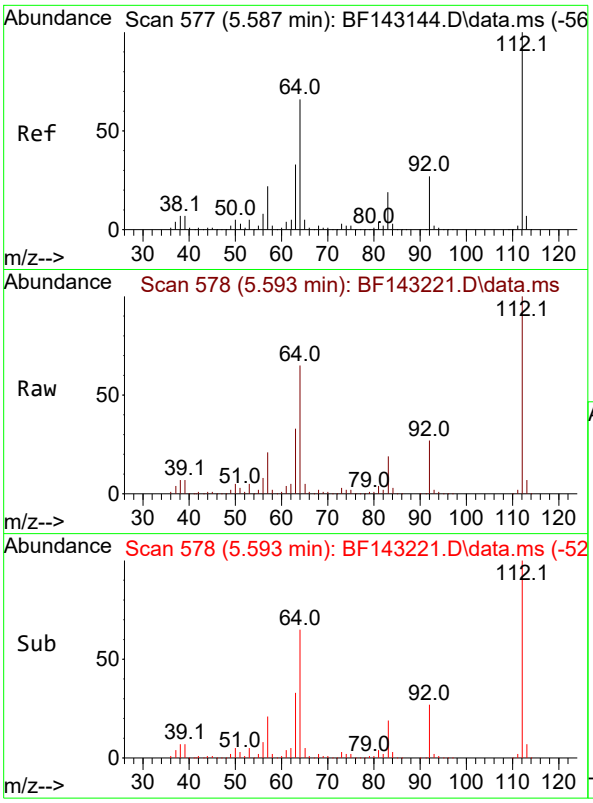


#4
n-Nitrosodimethylamine
Concen: 37.804 ng
RT: 3.516 min Scan# 225
Delta R.T. -0.018 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion: 42 Resp: 184177

Ion	Ratio	Lower	Upper
42	100		
74	113.5	91.7	137.5
44	6.8	5.6	8.4



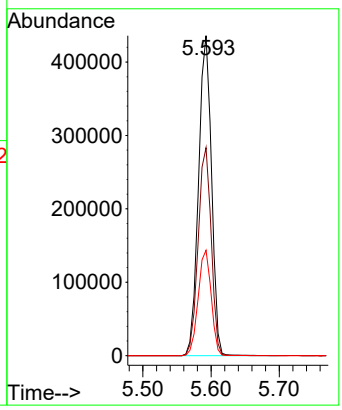


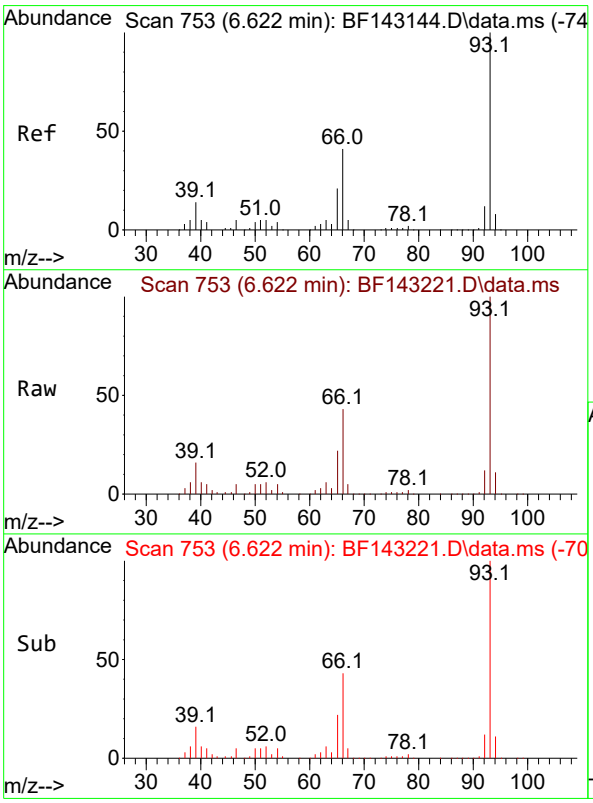
#5
2-Fluorophenol
Concen: 74.933 ng
RT: 5.593 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:112 Resp: 575731

Ion	Ratio	Lower	Upper
112	100		
64	65.0	53.1	79.7
63	32.9	26.6	40.0

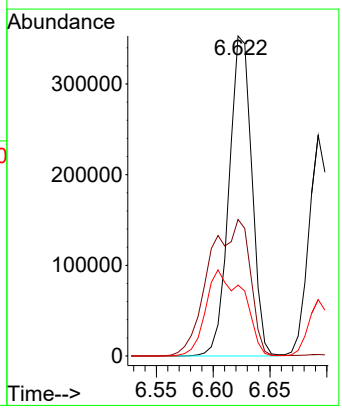


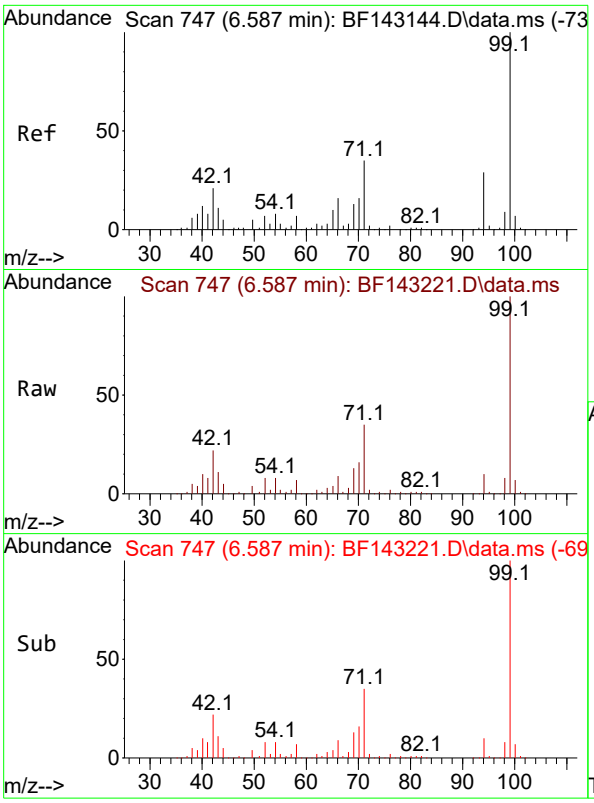


#6
Aniline
Concen: 36.553 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion: 93 Resp: 492671

Ion	Ratio	Lower	Upper
93	100		
66	42.6	33.2	49.8
65	22.1	16.9	25.3



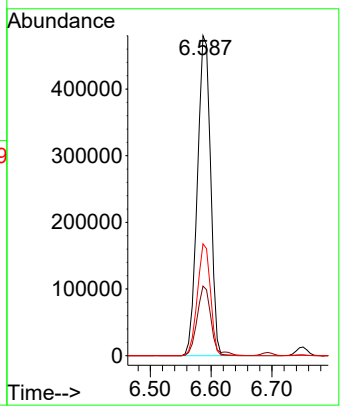


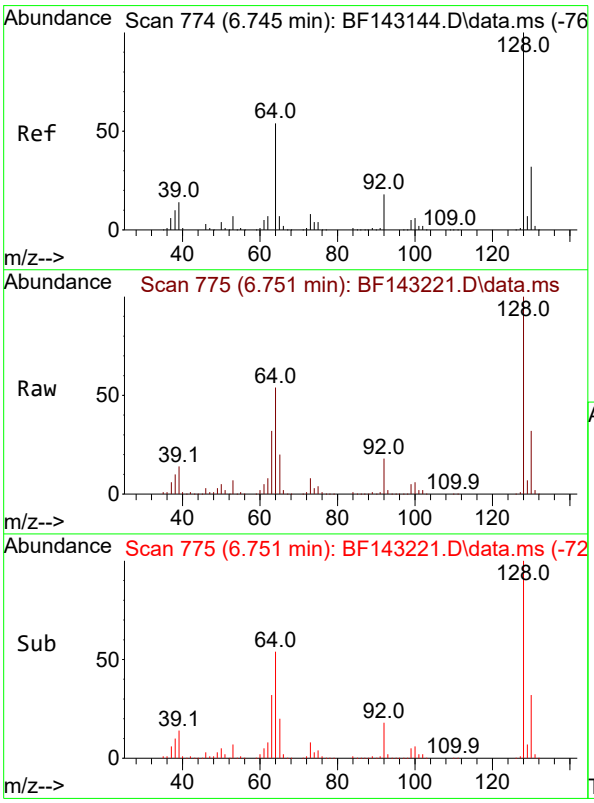
#7
Phenol-d6
Concen: 74.643 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 99 Resp: 721856

Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.0	25.6
71	34.9	27.7	41.5

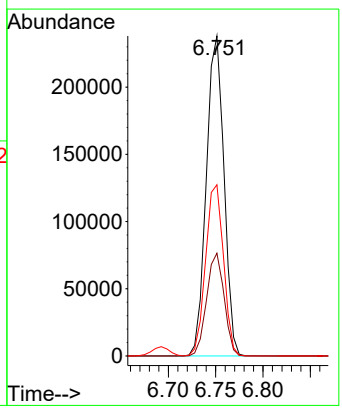


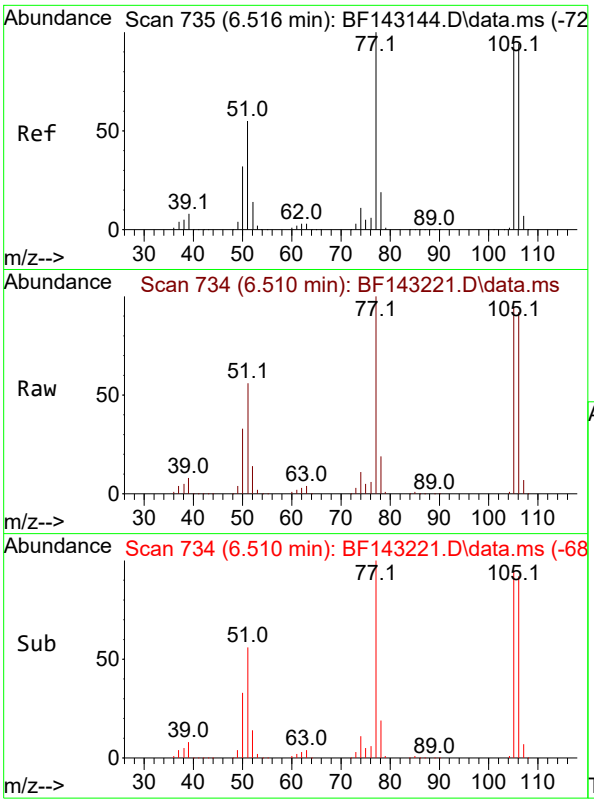


#8
2-Chlorophenol
Concen: 38.262 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:128 Resp: 308145

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.3	52.3
64	53.5	35.9	75.9



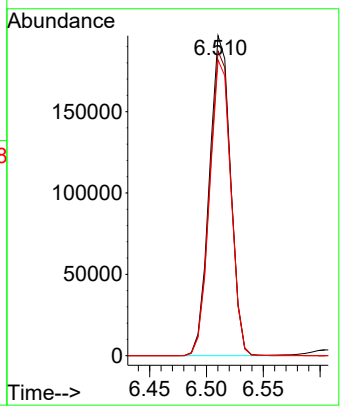


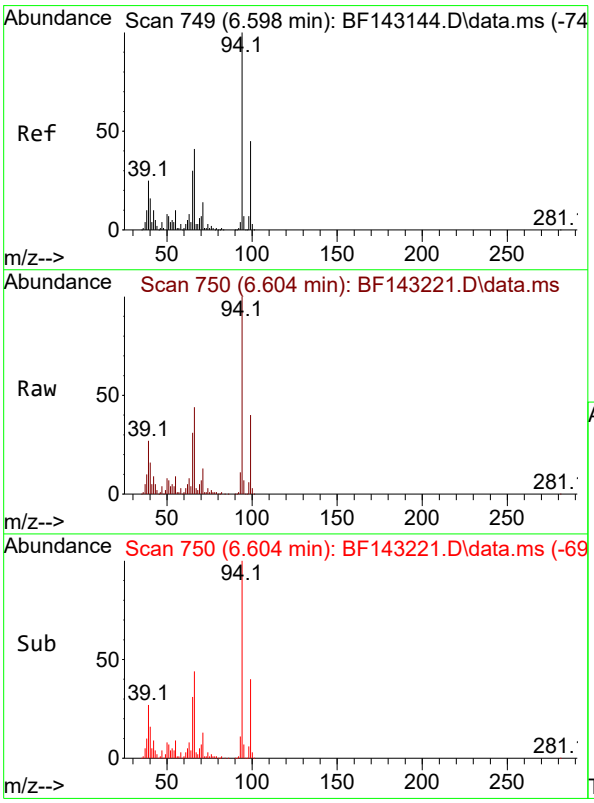
#9
Benzaldehyde
Concen: 34.958 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 253502

Ion	Ratio	Lower	Upper
77	100		
105	95.2	76.8	116.8
106	92.4	74.4	114.4

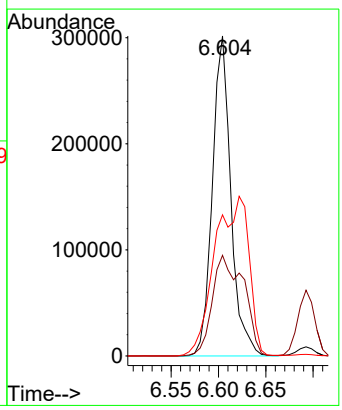


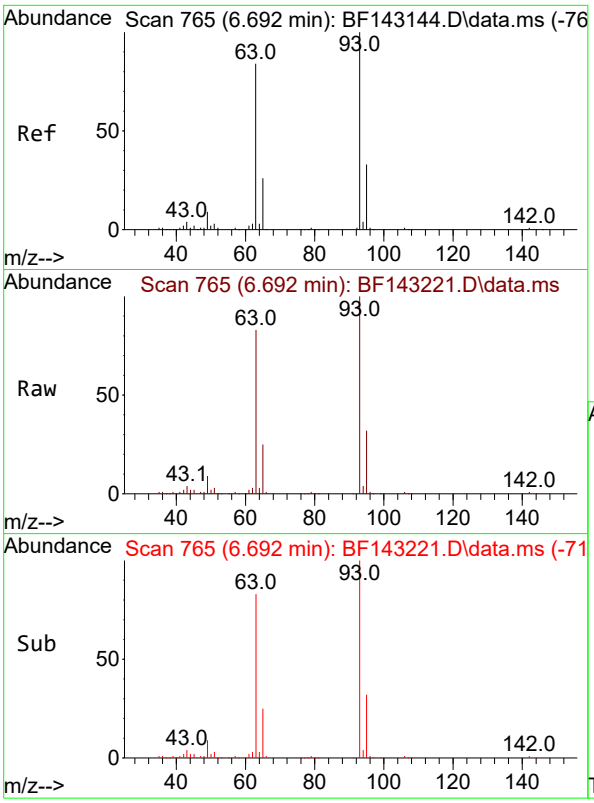


#10
Phenol
Concen: 38.903 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion: 94 Resp: 409863

Ion	Ratio	Lower	Upper
94	100		
65	31.5	10.0	50.0
66	44.1	20.8	60.8



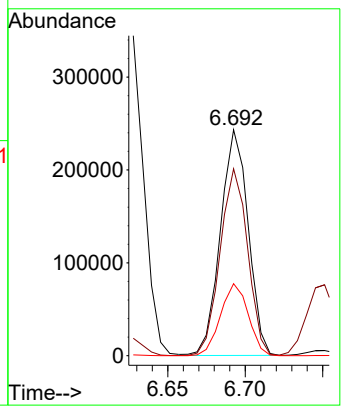


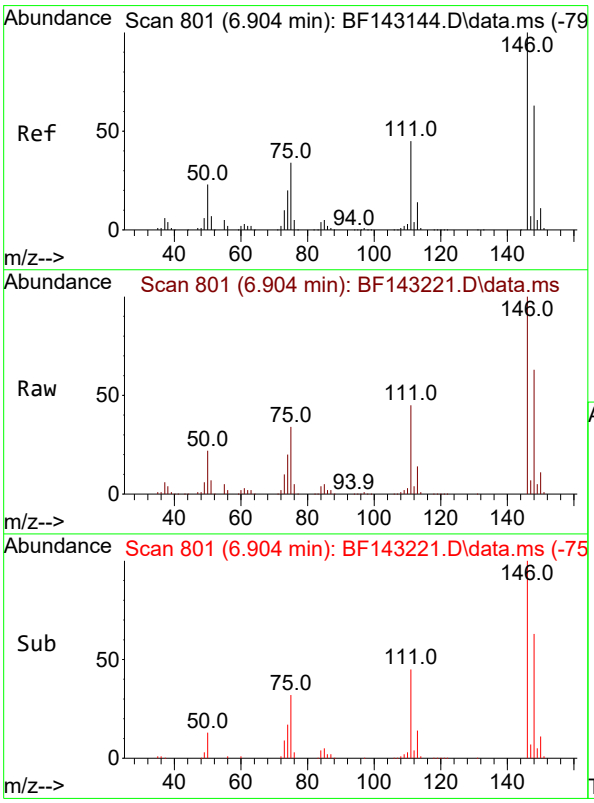
#11
bis(2-Chloroethyl)ether
Concen: 37.530 ng
RT: 6.692 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 93 Resp: 302736

Ion	Ratio	Lower	Upper
93	100		
63	82.7	63.4	103.4
95	31.9	12.4	52.4

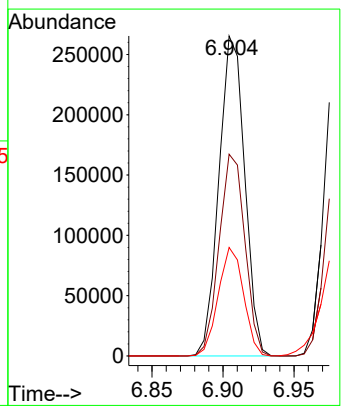


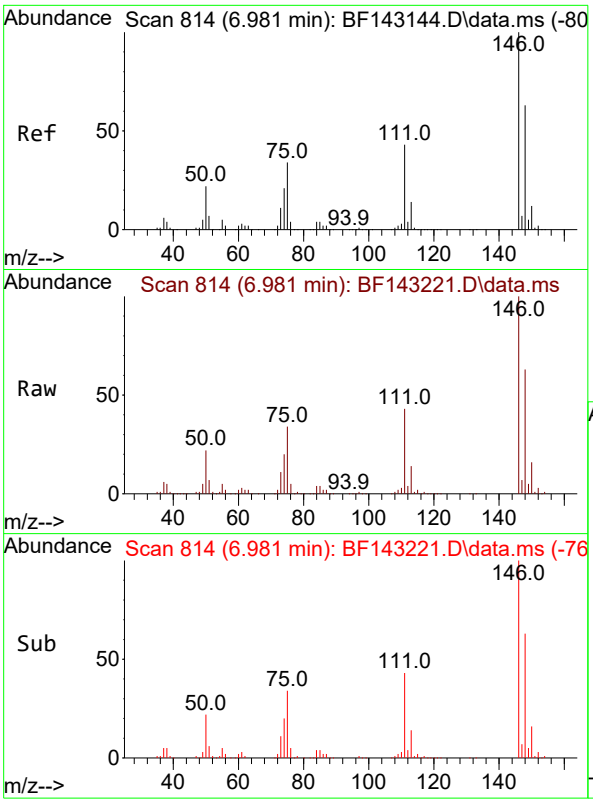


#12
1,3-Dichlorobenzene
Concen: 38.273 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:146 Resp: 334843

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.6	76.0
75	33.9	27.4	41.2



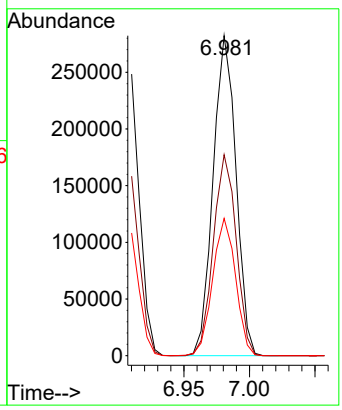


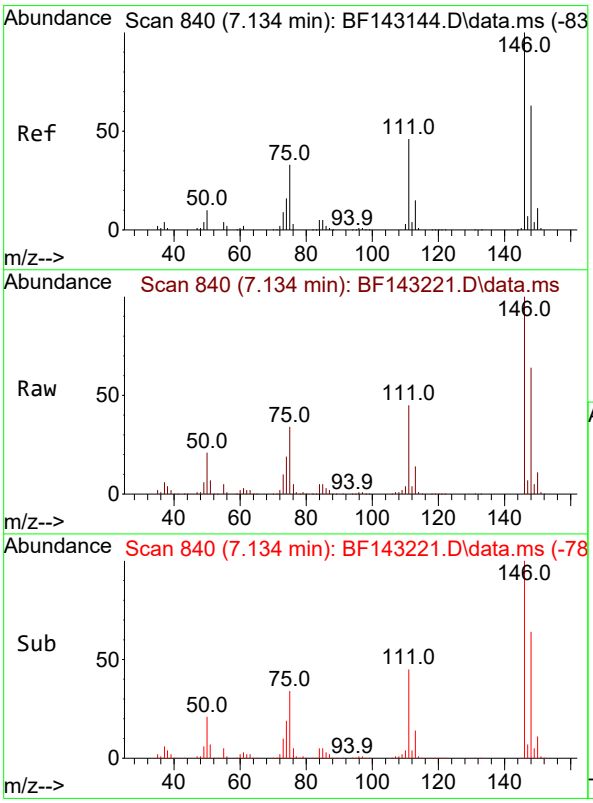
#13
1,4-Dichlorobenzene
Concen: 38.864 ng
RT: 6.981 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:146 Resp: 342417

Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.3	75.5
111	42.9	34.4	51.6

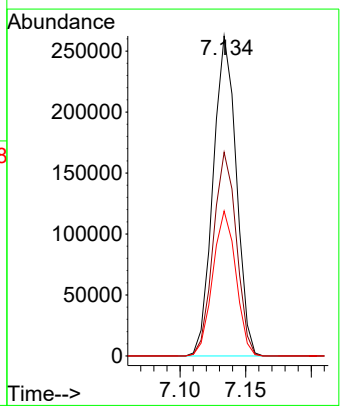


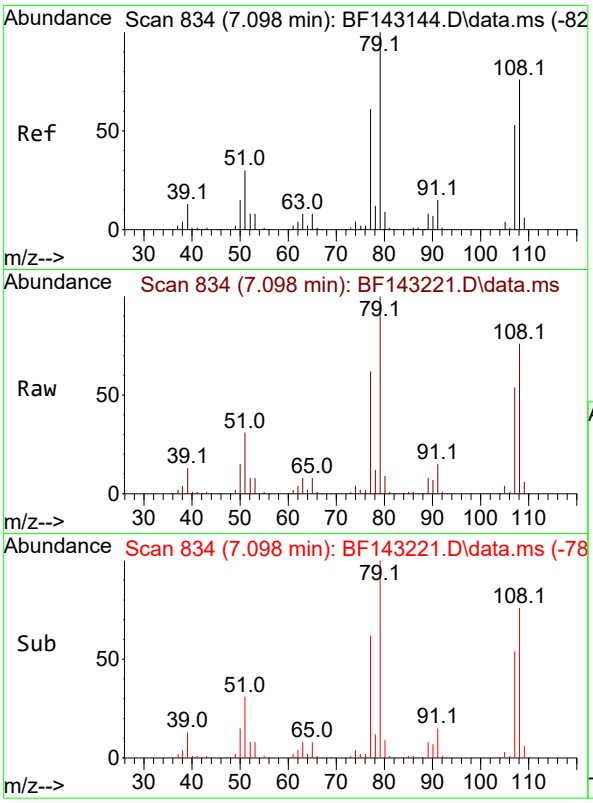


#14
1,2-Dichlorobenzene
Concen: 38.432 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:146 Resp: 322055

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.7	76.1
111	45.3	36.6	54.8



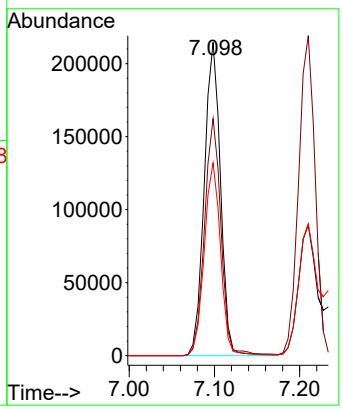


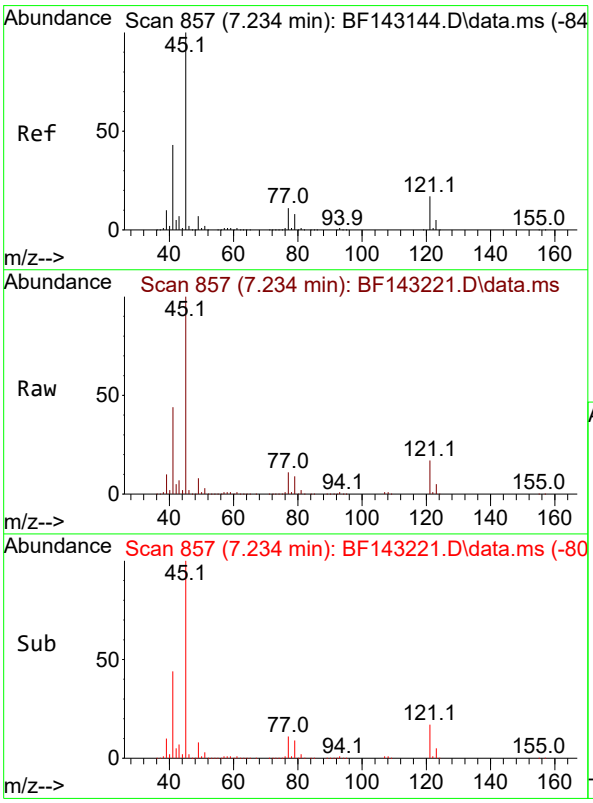
#15
Benzyl Alcohol
Concen: 38.601 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 285034

Ion	Ratio	Lower	Upper
79	100		
108	75.6	61.1	91.7
77	61.6	48.9	73.3

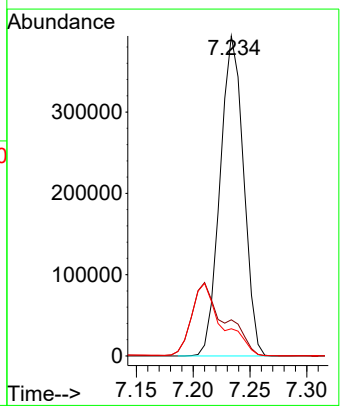


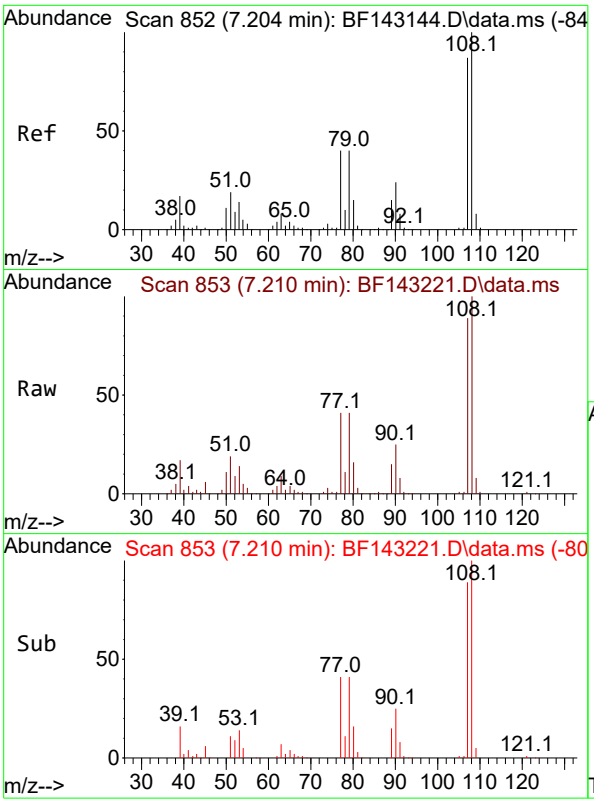


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.792 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion: 45 Resp: 565509

Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	31.2
79	8.5	0.0	28.5



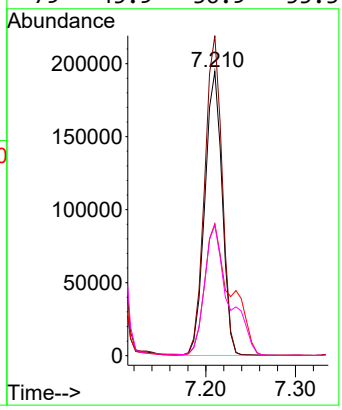


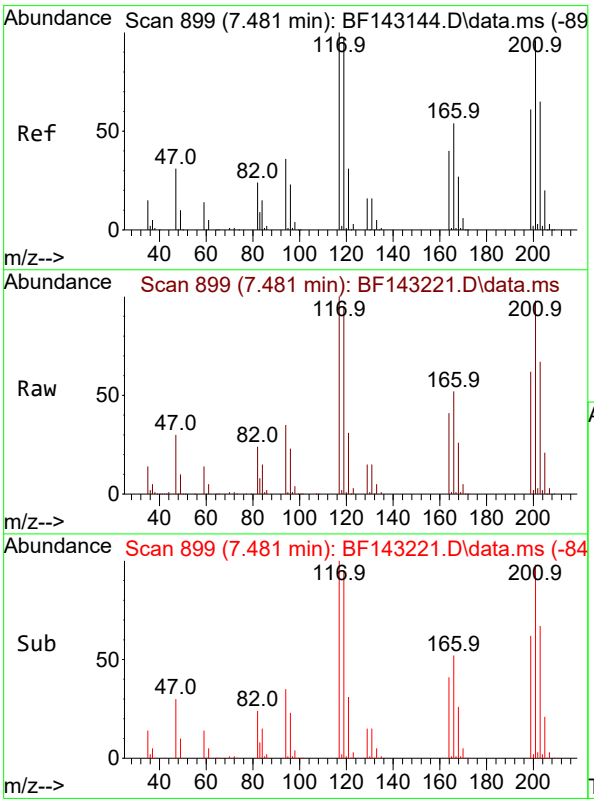
#17
2-Methylphenol
Concen: 38.491 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:107 Resp: 260645

Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.8	137.6
77	46.5	37.0	55.6
79	45.9	36.9	55.3

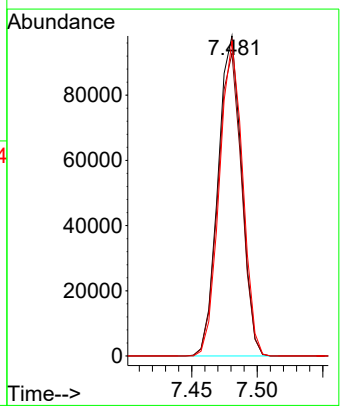


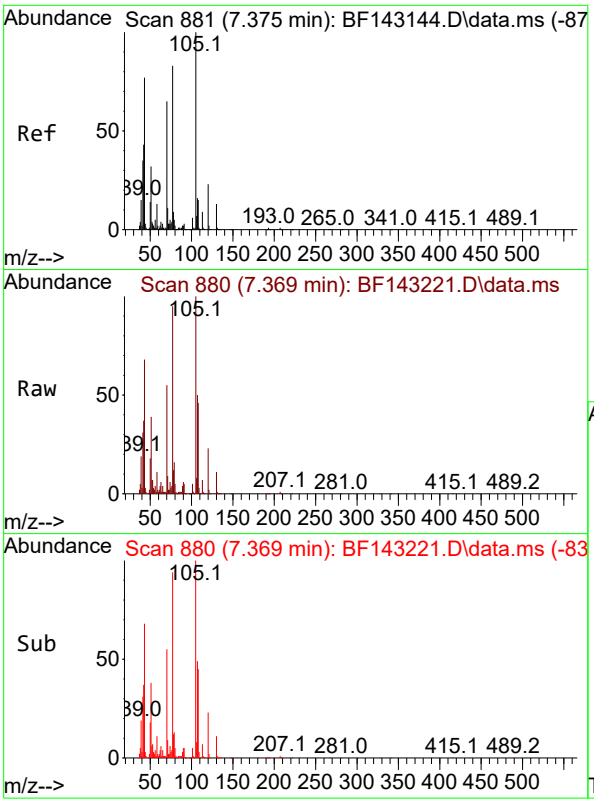


#18
Hexachloroethane
Concen: 40.244 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:117 Resp: 122749

Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.8	116.8
201	98.3	77.0	115.4



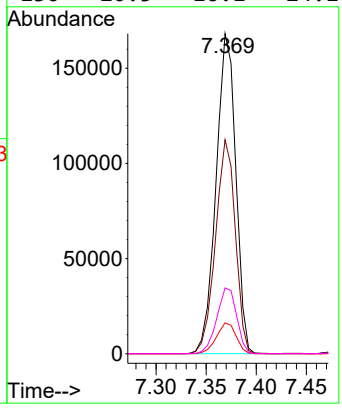


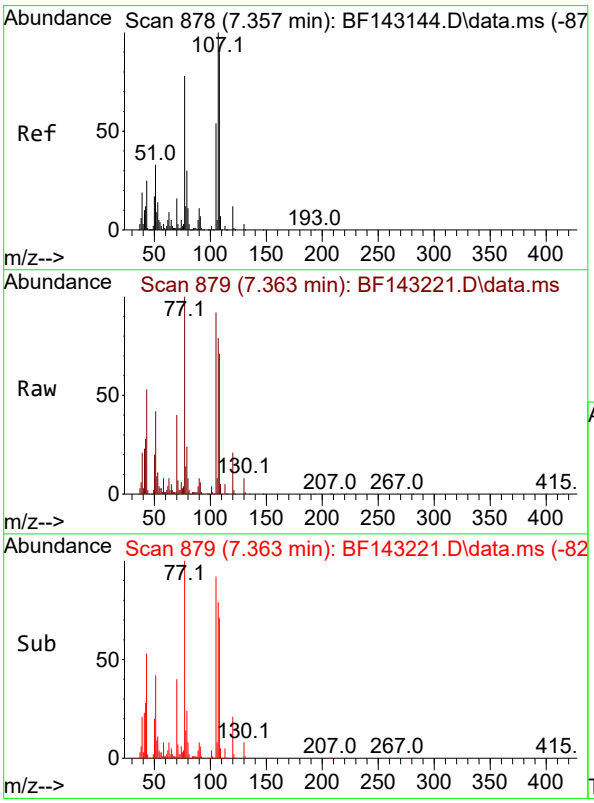
#19
n-Nitroso-di-n-propylamine
Concen: 37.020 ng
RT: 7.369 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 70 Resp: 229690

Ion	Ratio	Lower	Upper
70	100		
42	66.8	52.5	78.7
101	9.6	7.6	11.4
130	20.5	16.1	24.1

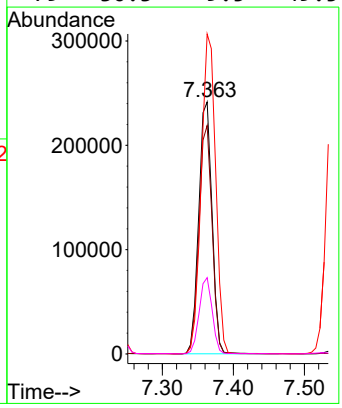


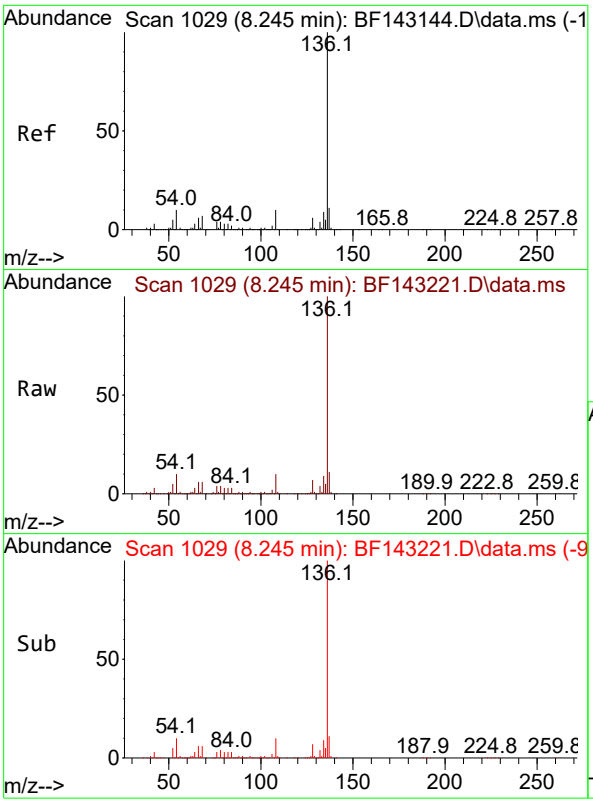


#20
3+4-Methylphenols
Concen: 38.309 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:107 Resp: 314738

Ion	Ratio	Lower	Upper
107	100		
108	90.7	70.0	110.0
77	127.0	57.8	97.8#
79	30.3	9.5	49.5



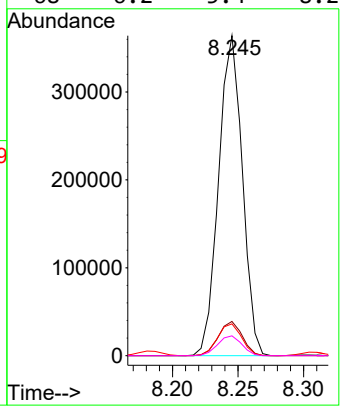


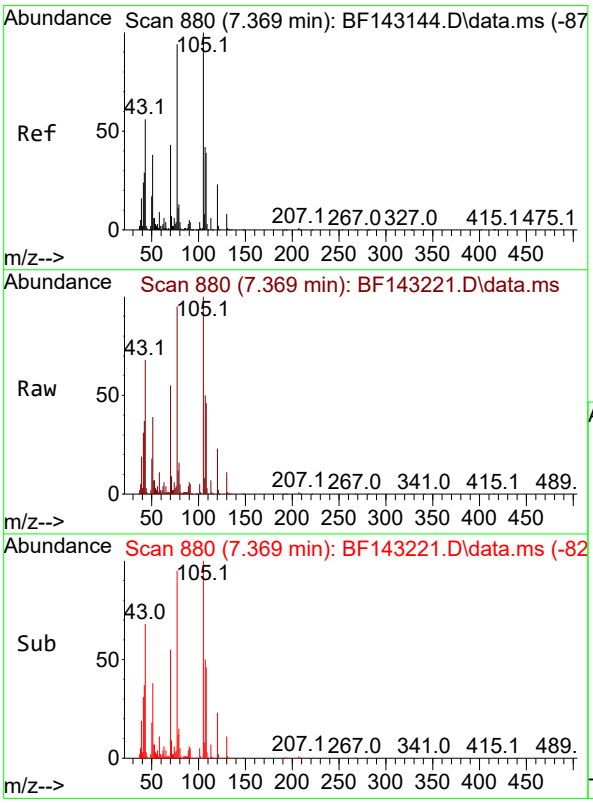
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:136 Resp: 458358

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	10.0	8.2	12.2
68	6.2	5.4	8.2

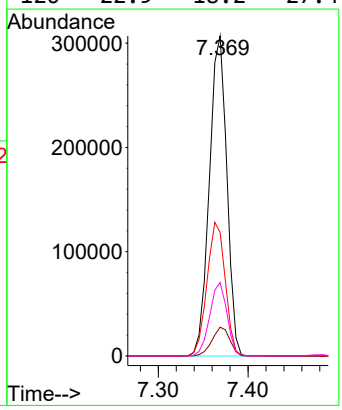


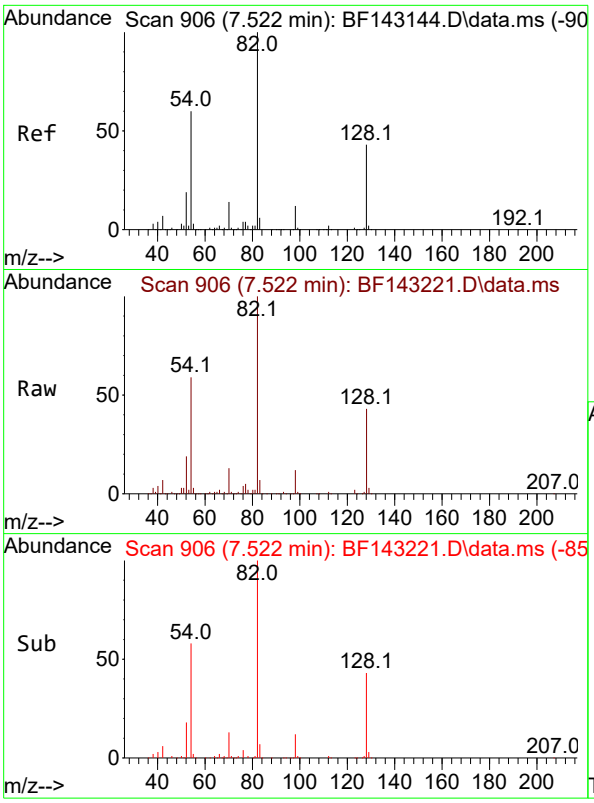


#22
Acetophenone
Concen: 38.203 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:105 Resp: 414569

Ion	Ratio	Lower	Upper
105	100		
71	9.0	5.8	8.6#
51	38.6	30.2	45.2
120	22.9	18.2	27.4



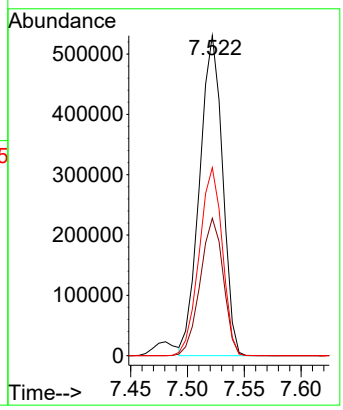


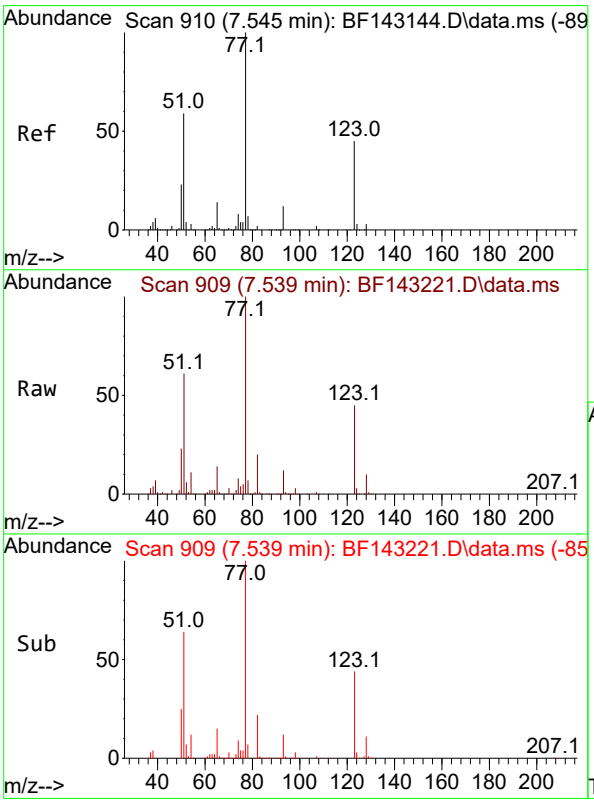
#23
Nitrobenzene-d5
Concen: 81.218 ng
RT: 7.522 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 746822

Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.6	50.4
54	58.7	47.1	70.7

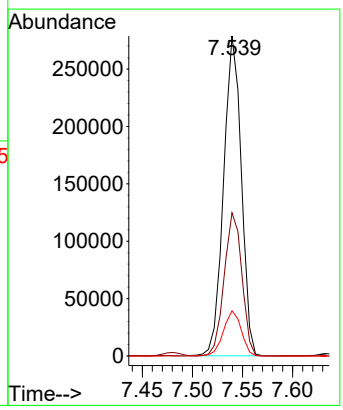


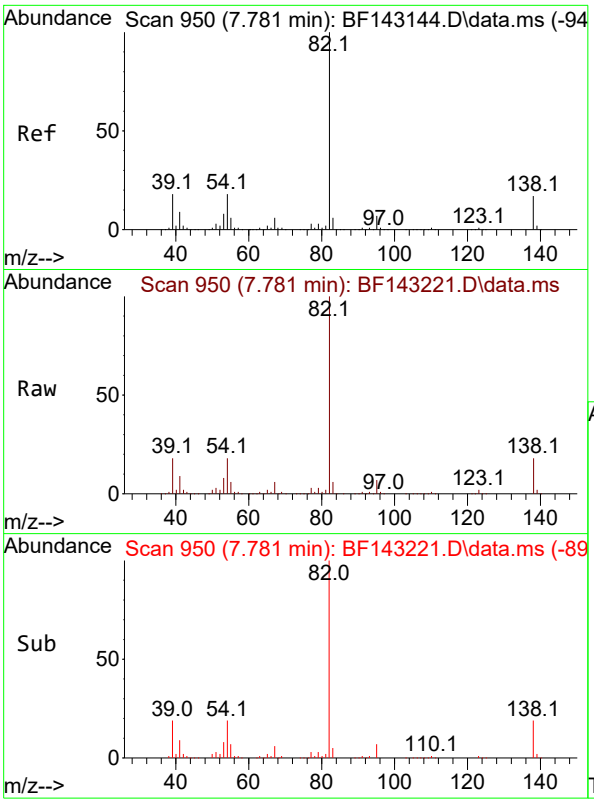


#24
Nitrobenzene
Concen: 39.826 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion: 77 Resp: 341419

Ion	Ratio	Lower	Upper
77	100		
123	44.7	36.1	54.1
65	14.1	11.4	17.2



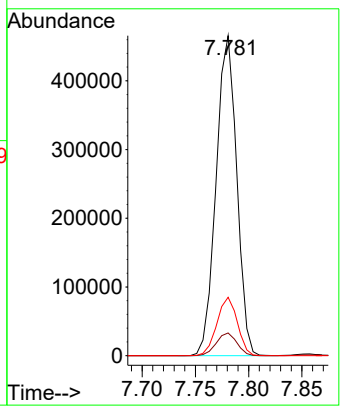


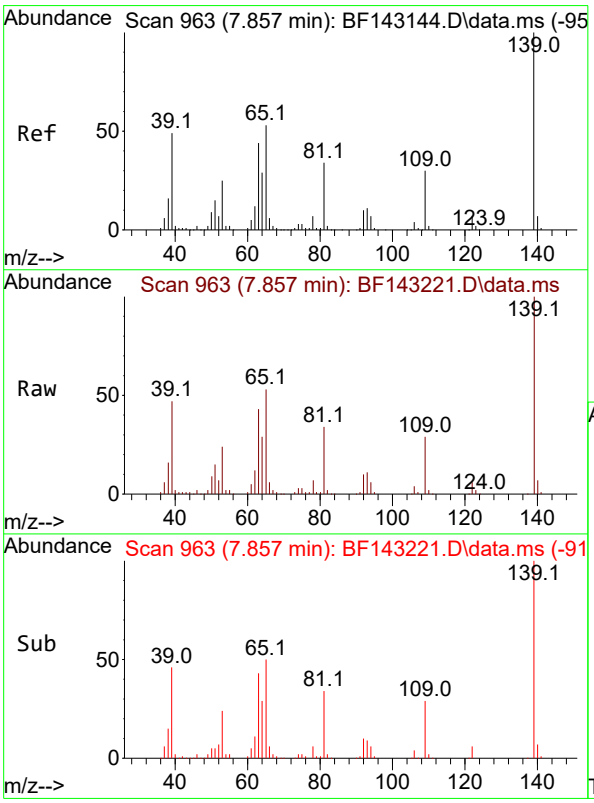
#25
Isophorone
Concen: 38.556 ng
RT: 7.781 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 625867

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.5	8.3
138	18.3	13.8	20.8

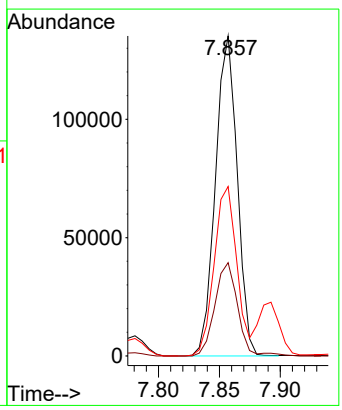


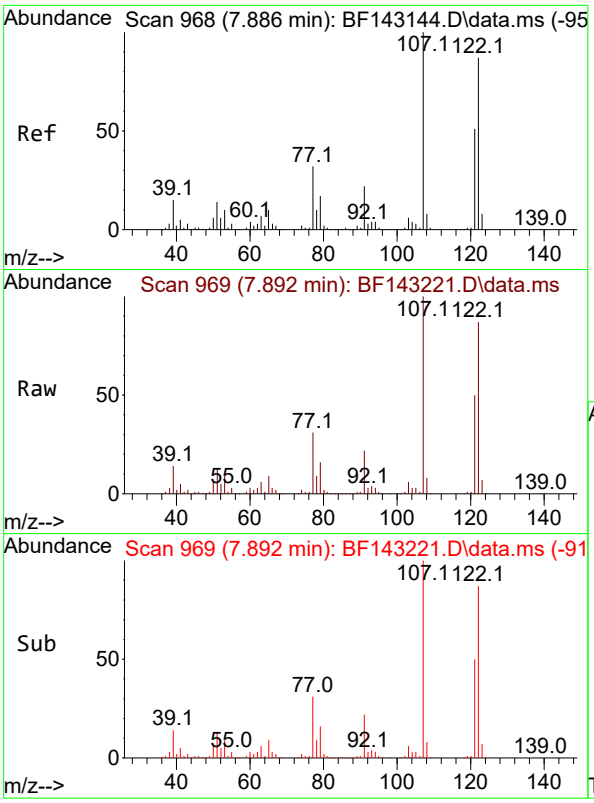


#26
2-Nitrophenol
Concen: 45.287 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:139 Resp: 168496

Ion	Ratio	Lower	Upper
139	100		
109	29.2	23.6	35.4
65	52.9	42.6	64.0



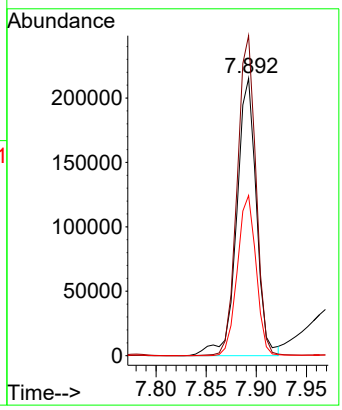


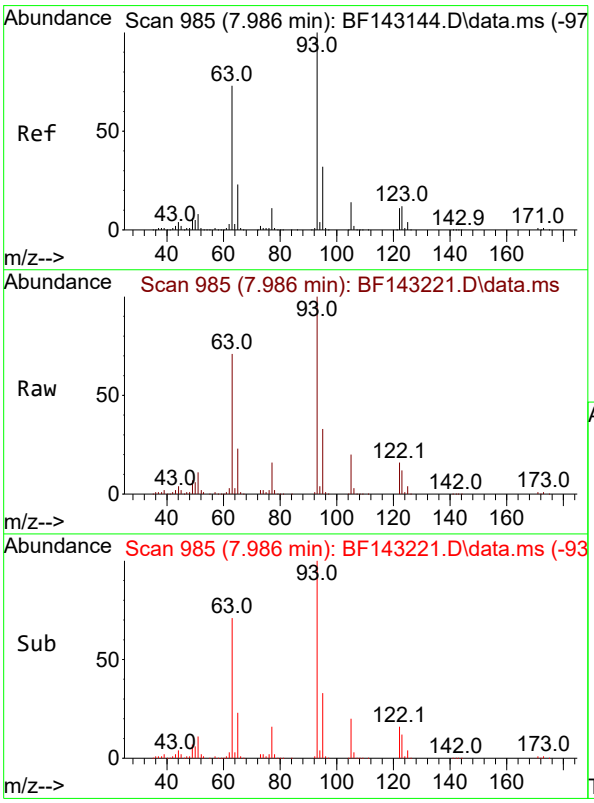
#27
2,4-Dimethylphenol
Concen: 38.857 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:122 Resp: 294696

Ion	Ratio	Lower	Upper
122	100		
107	115.4	91.8	137.6
121	57.8	46.3	69.5

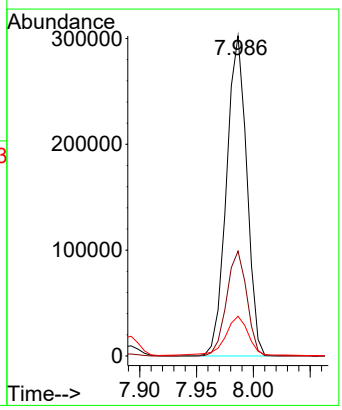


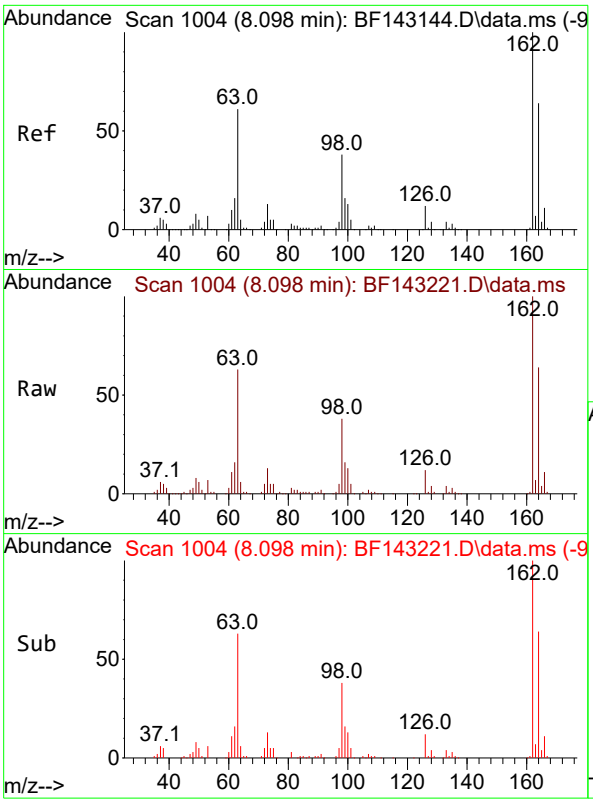


#28
bis(2-Chloroethoxy)methane
Concen: 38.544 ng
RT: 7.986 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion: 93 Resp: 375135

Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.8	38.6
123	12.4	9.7	14.5



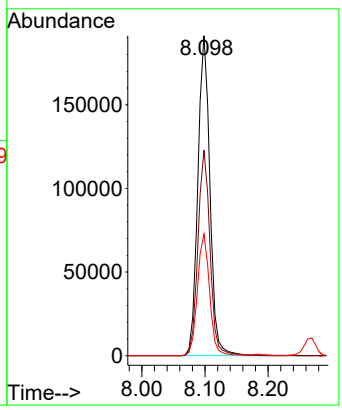


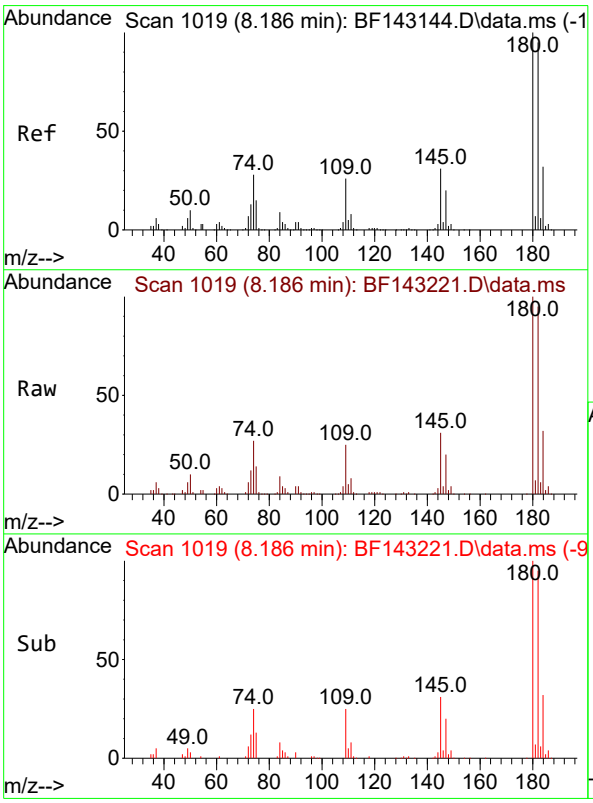
#29
2,4-Dichlorophenol
Concen: 39.769 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:162 Resp: 254354

Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.2	84.2
98	38.0	17.9	57.9

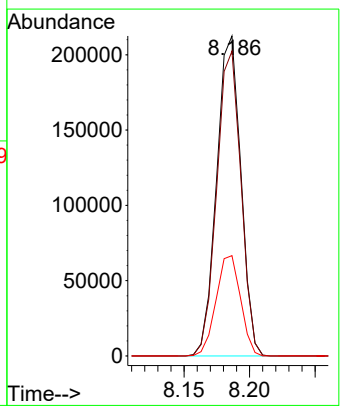


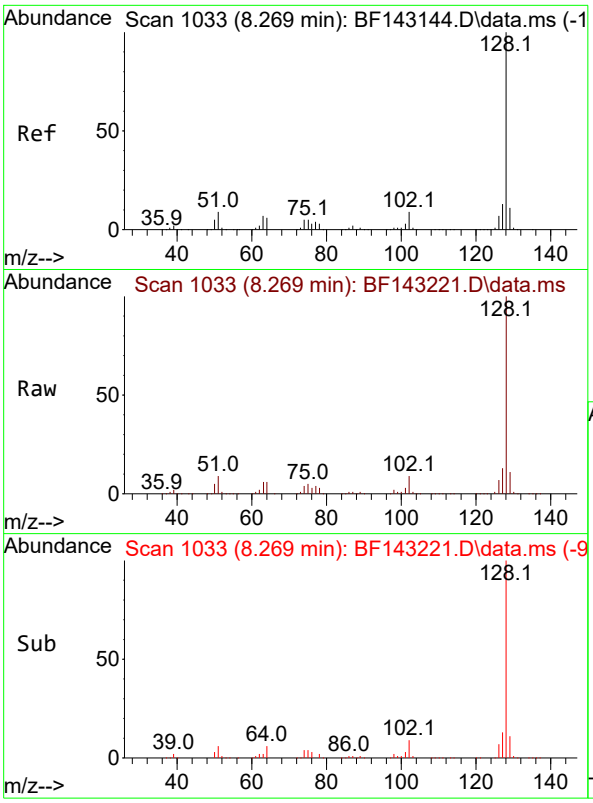


#30
1,2,4-Trichlorobenzene
Concen: 39.506 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:180 Resp: 272980

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.2	114.2
145	31.4	25.0	37.6



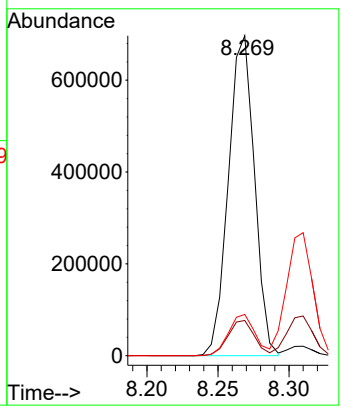


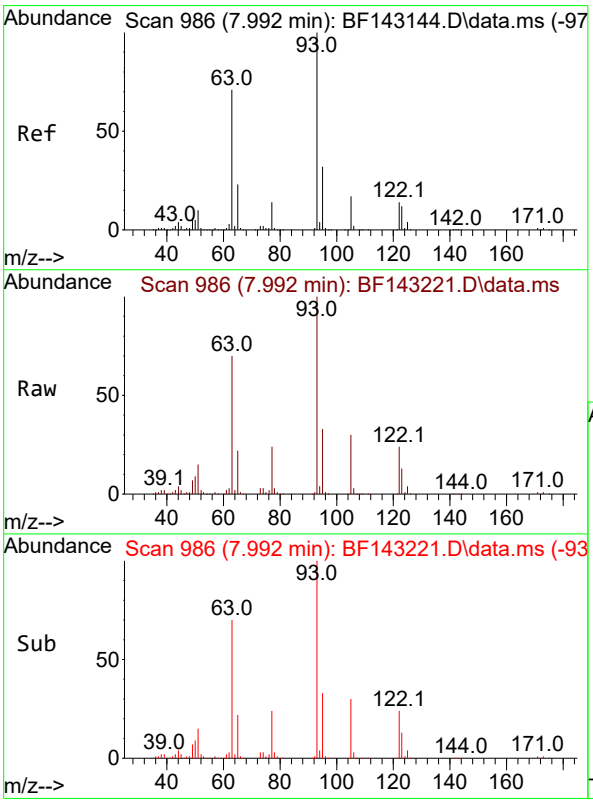
#31
Naphthalene
Concen: 39.367 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:128 Resp: 888648

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	12.9	10.6	16.0

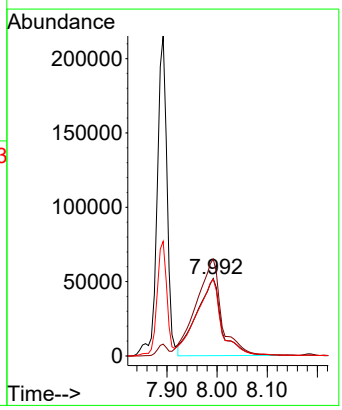


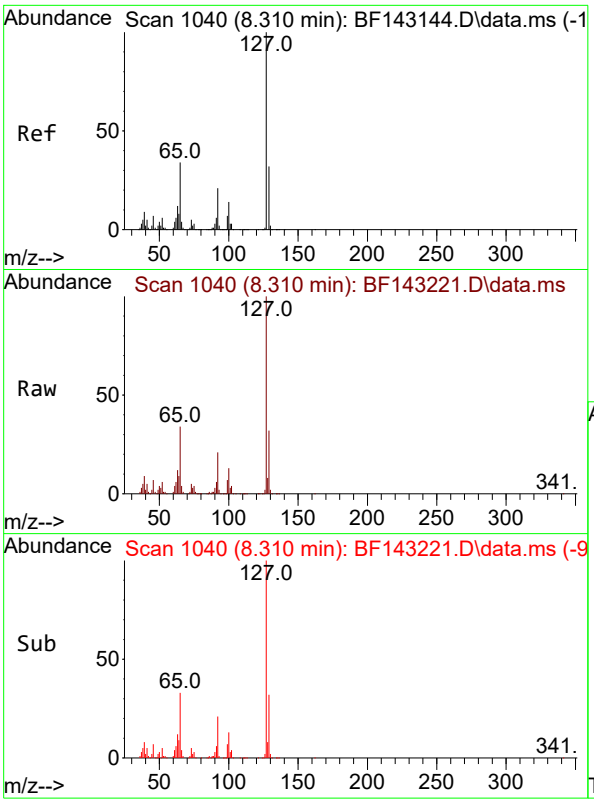


#32
Benzoic acid
Concen: 42.633 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:122 Resp: 179361

Ion	Ratio	Lower	Upper
122	100		
105	125.2	104.8	144.8
77	99.2	77.6	117.6



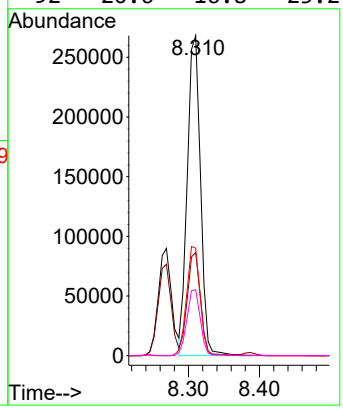


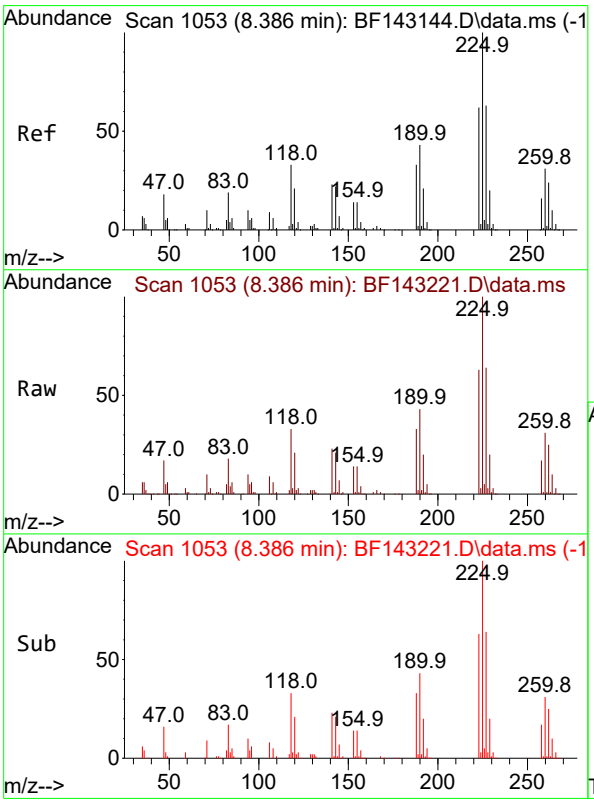
#33
4-Chloroaniline
Concen: 37.678 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:127 Resp: 347284

Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.0	39.0
65	33.6	27.4	41.2
92	20.6	16.8	25.2

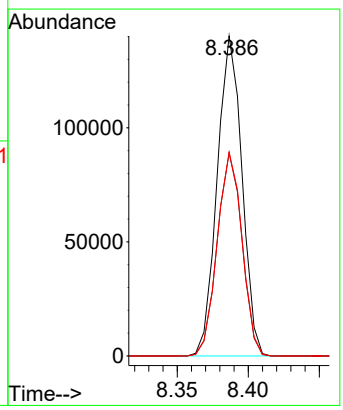


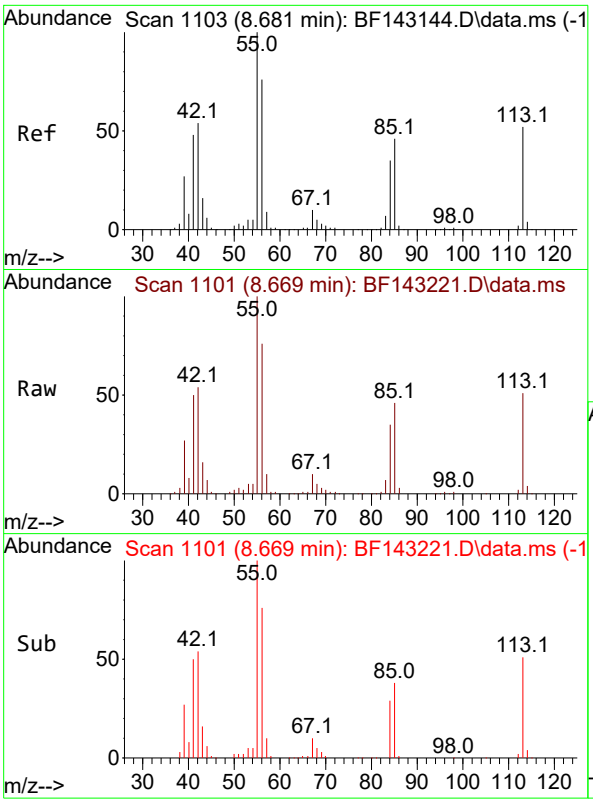


#34
Hexachlorobutadiene
Concen: 40.216 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:225 Resp: 169752

Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.8	74.6
227	63.6	50.2	75.4



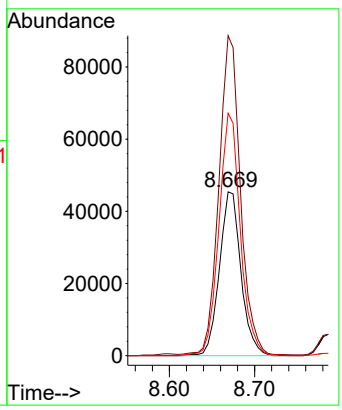


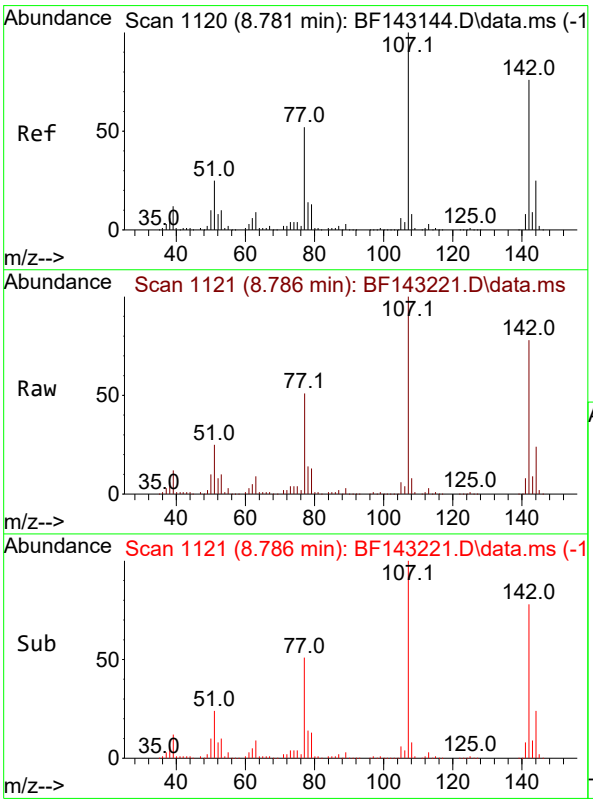
#35
Caprolactam
Concen: 41.239 ng
RT: 8.669 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:113 Resp: 79704

Ion	Ratio	Lower	Upper
113	100		
55	195.3	174.0	214.0
56	148.0	126.6	166.6

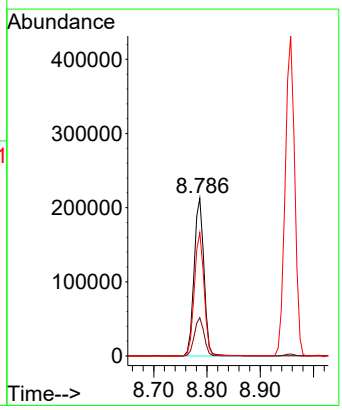


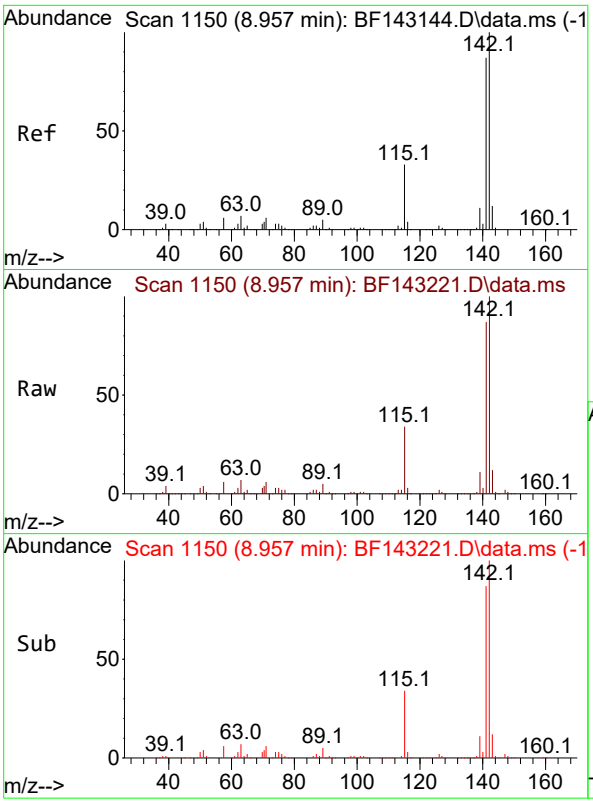


#36
4-Chloro-3-methylphenol
Concen: 39.279 ng
RT: 8.786 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:107 Resp: 273054

Ion	Ratio	Lower	Upper
107	100		
144	24.3	19.8	29.6
142	78.2	60.6	90.8



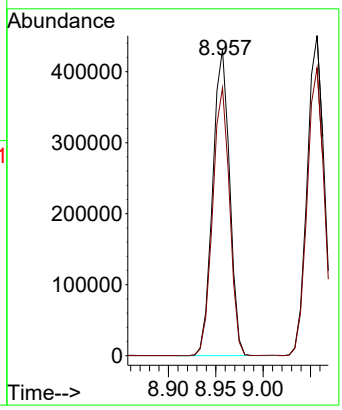


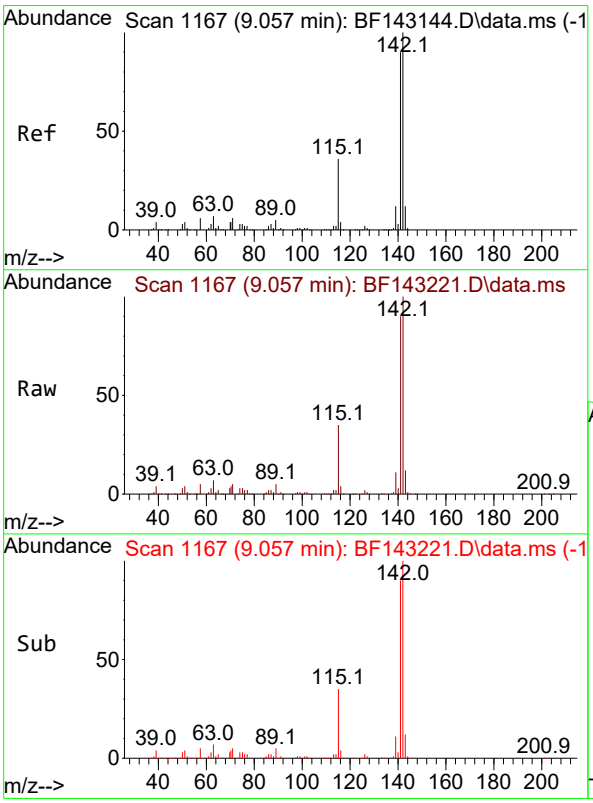
#37
2-Methylnaphthalene
Concen: 39.000 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:142 Resp: 535718

Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.9	104.9

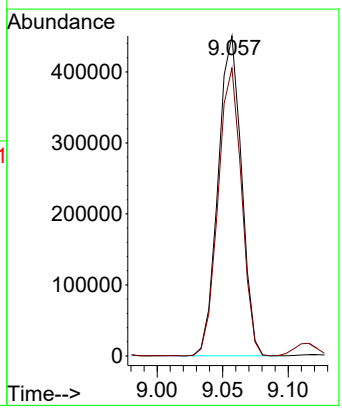


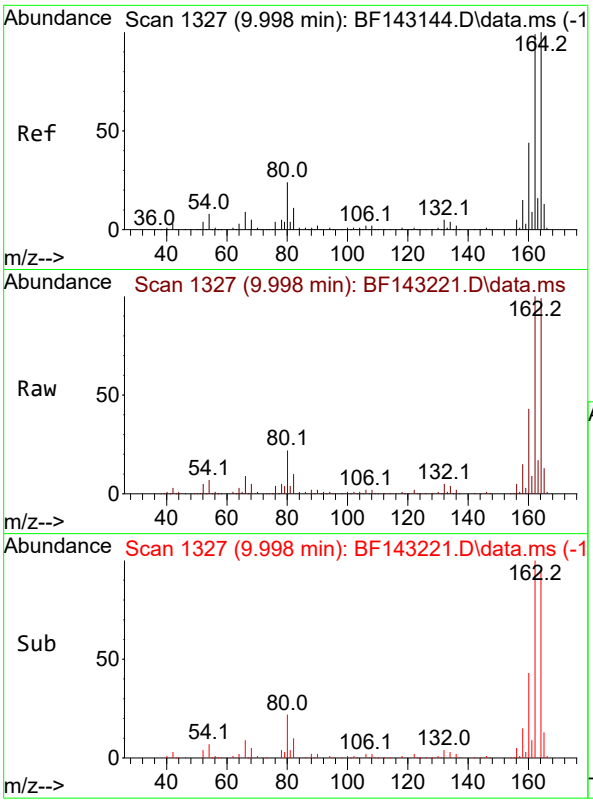


#38
1-Methylnaphthalene
Concen: 39.512 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:142 Resp: 558905

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.3	108.5



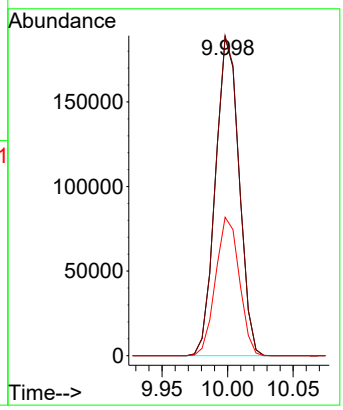


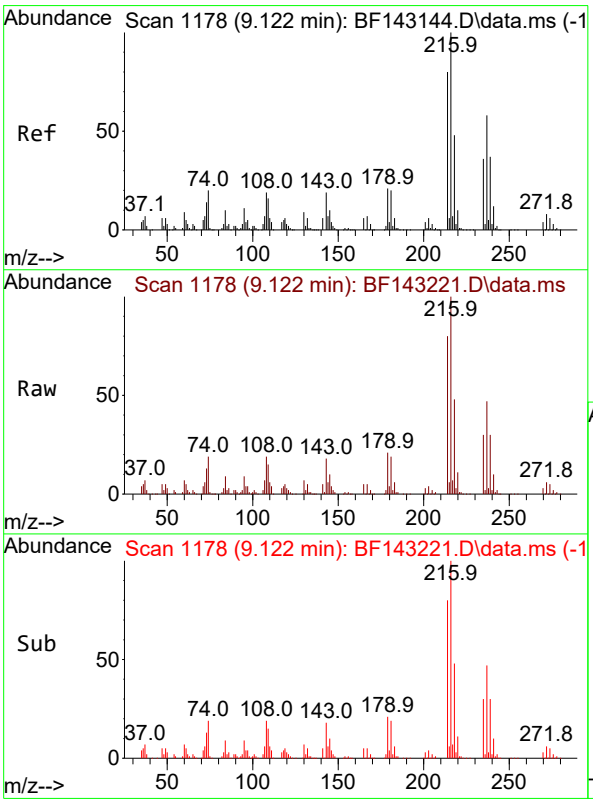
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:164 Resp: 235193

Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.0	118.6
160	43.5	35.1	52.7

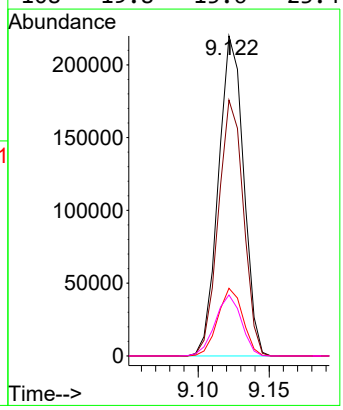


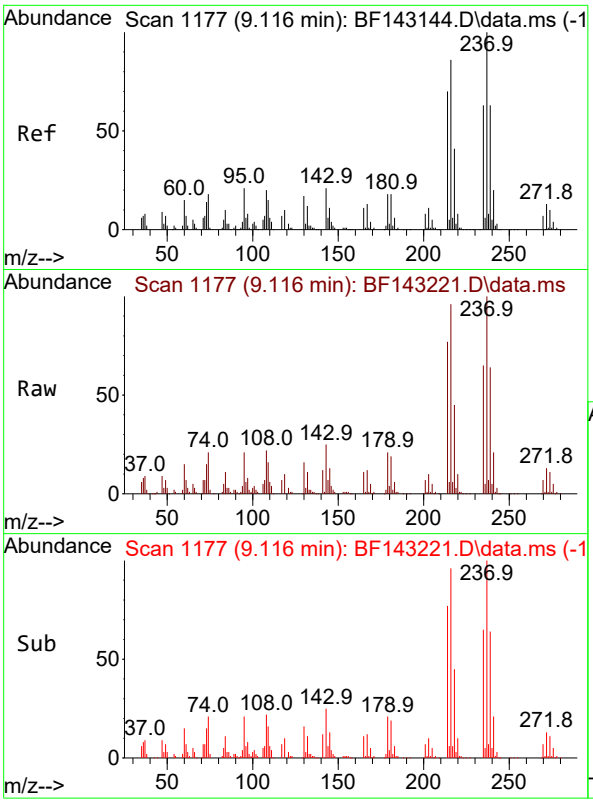


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.918 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:216 Resp: 271052

Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.8	95.8
179	21.0	16.4	24.6
108	19.8	15.6	23.4



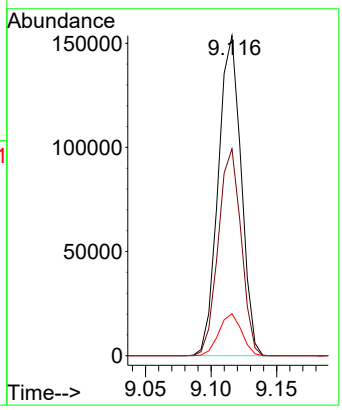


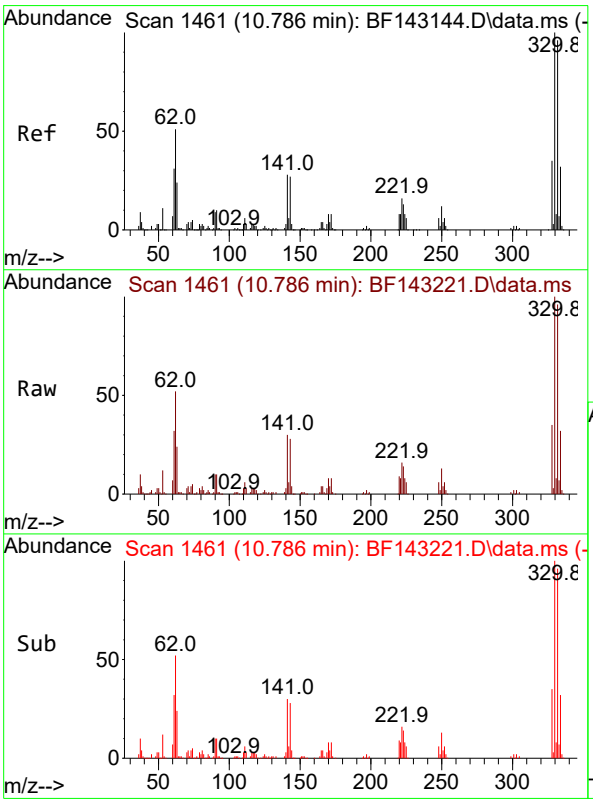
#41
Hexachlorocyclopentadiene
Concen: 42.201 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:237 Resp: 186455

Ion	Ratio	Lower	Upper
237	100		
235	64.7	43.0	83.0
272	13.1	0.0	33.3

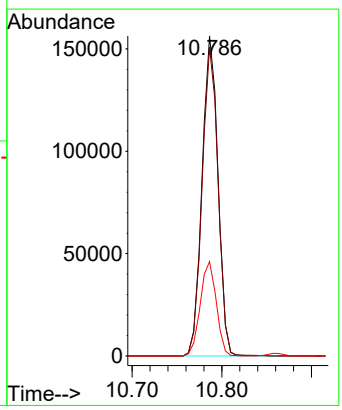


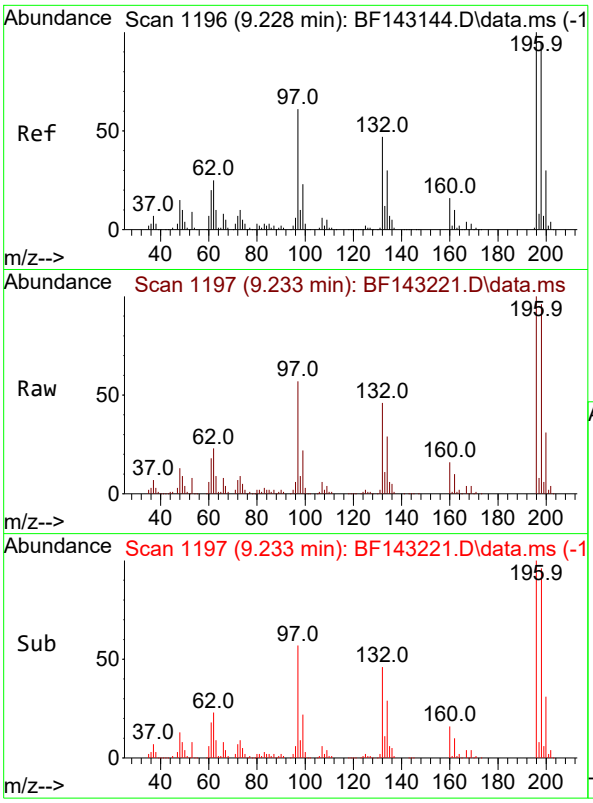


#42
2,4,6-Tribromophenol
Concen: 79.071 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:330 Resp: 192118

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.7	115.1
141	29.7	23.3	34.9



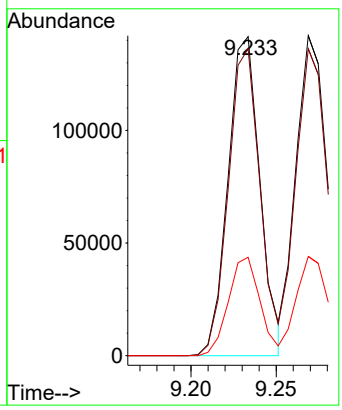


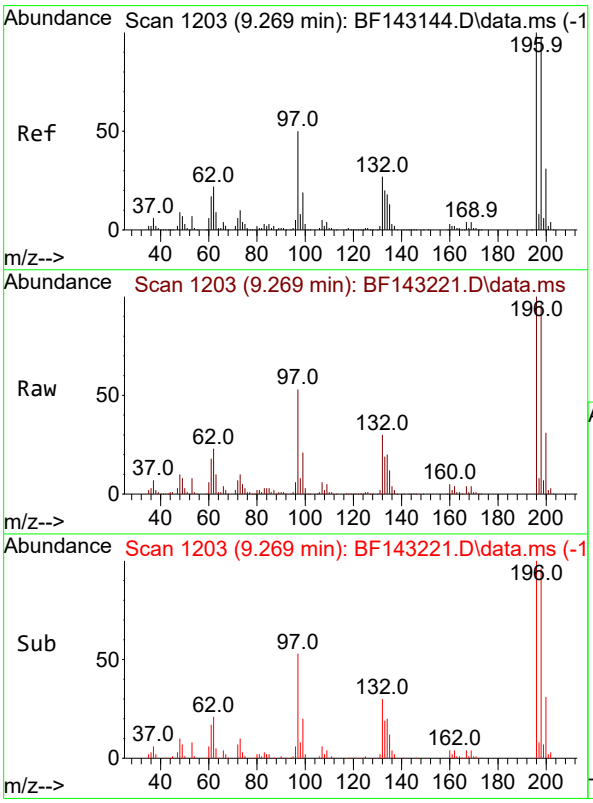
#43
2,4,6-Trichlorophenol
Concen: 39.390 ng
RT: 9.233 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:196 Resp: 185114

Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.2	114.2
200	30.9	23.9	35.9

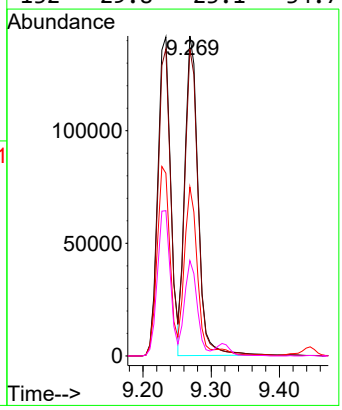


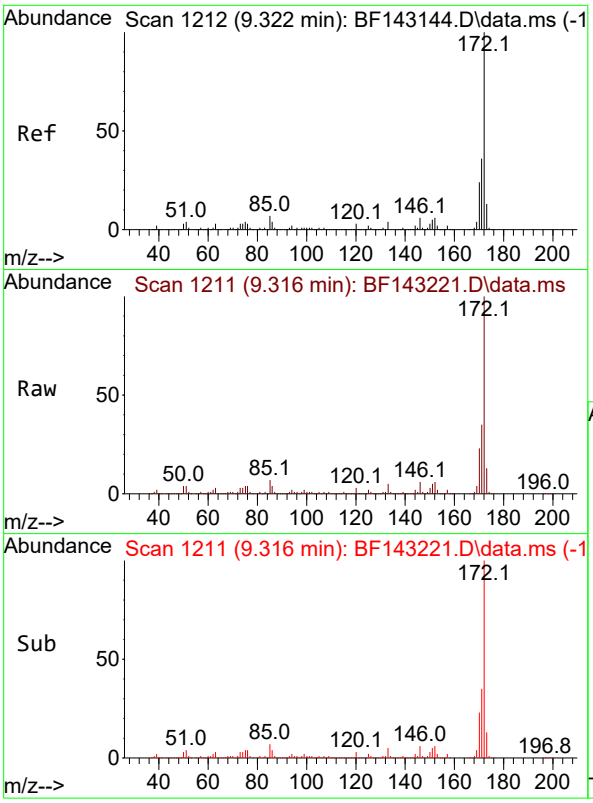


#44
2,4,5-Trichlorophenol
Concen: 40.875 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:196 Resp: 192146

Ion	Ratio	Lower	Upper
196	100		
198	95.9	77.3	115.9
97	52.8	40.3	60.5
132	29.8	23.1	34.7



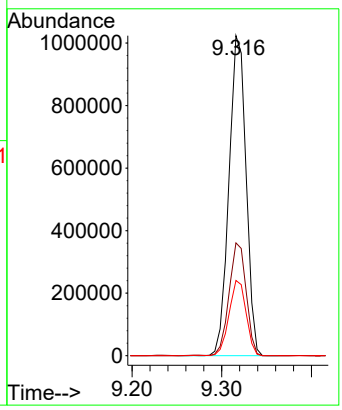


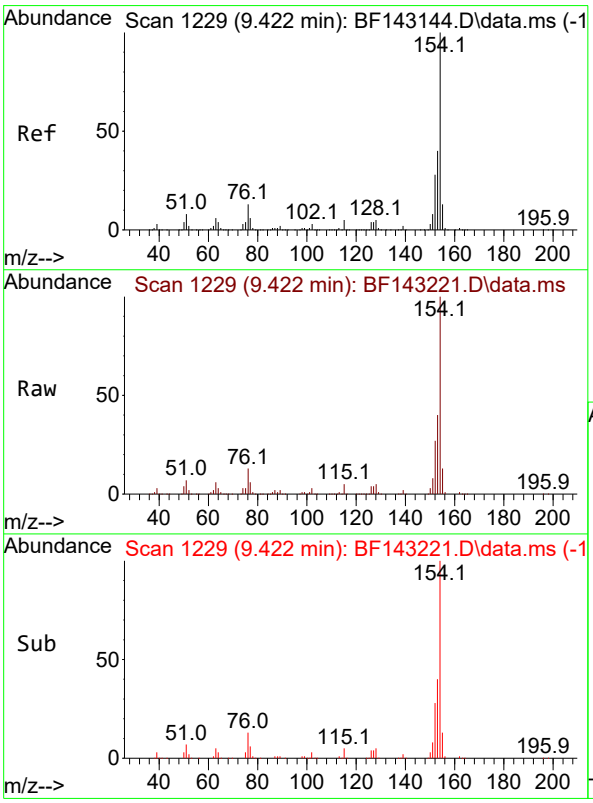
#45
2-Fluorobiphenyl
Concen: 78.638 ng
RT: 9.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:172 Resp: 1352359

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.5	18.8	28.2

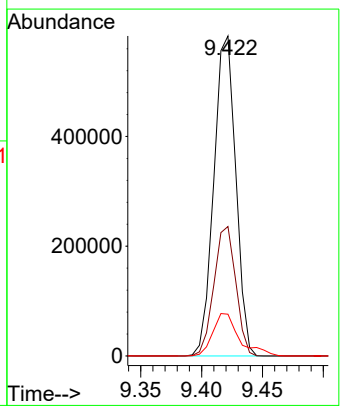


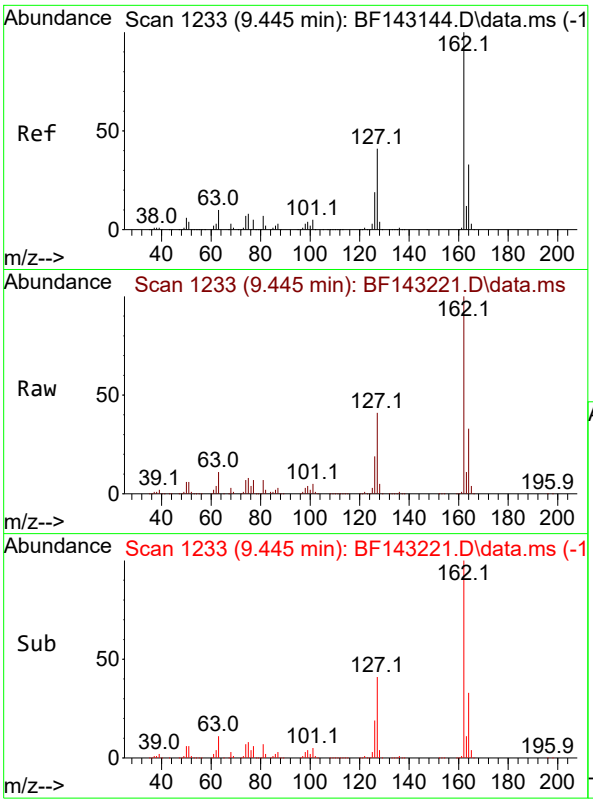


#46
1,1'-Biphenyl
Concen: 39.925 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:154 Resp: 732610

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.3	60.3
76	13.1	0.0	33.3



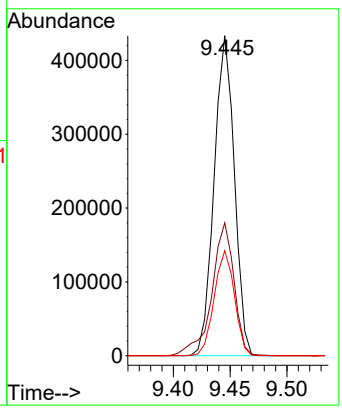


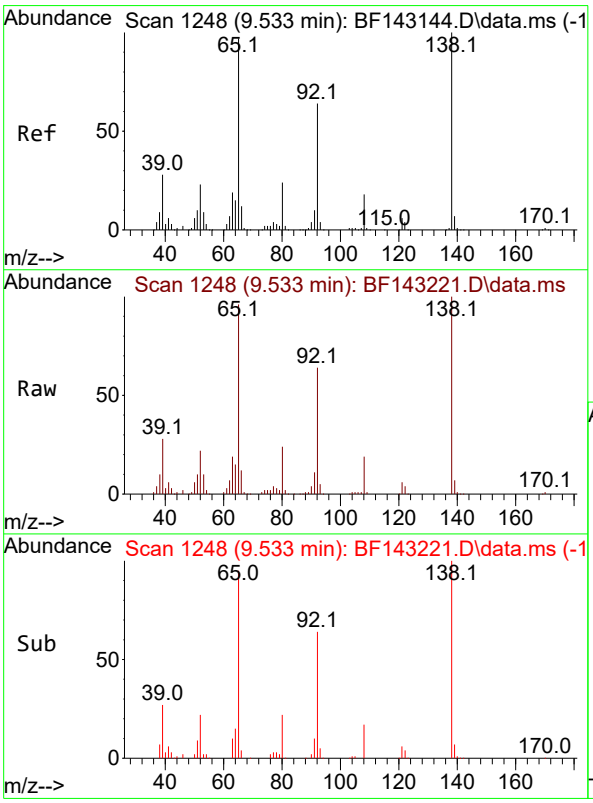
#47
2-Chloronaphthalene
Concen: 39.574 ng
RT: 9.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:162 Resp: 537315

Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.4	50.2
164	32.8	26.2	39.2

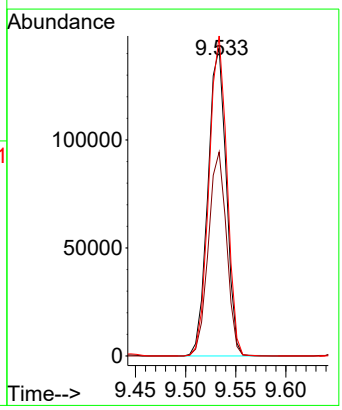


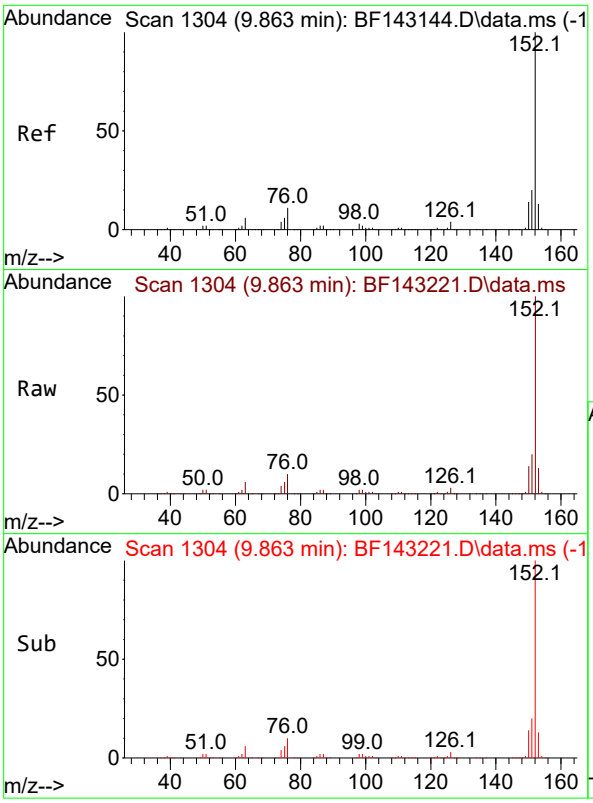


#48
2-Nitroaniline
Concen: 42.672 ng
RT: 9.533 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion: 65 Resp: 181690

Ion	Ratio	Lower	Upper
65	100		
92	66.2	52.4	78.6
138	103.8	82.3	123.5



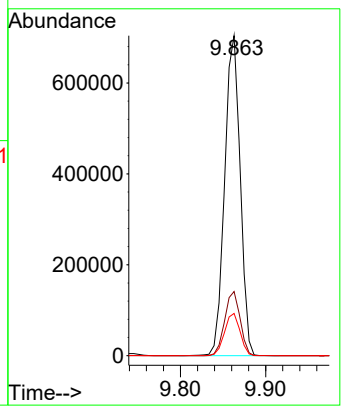


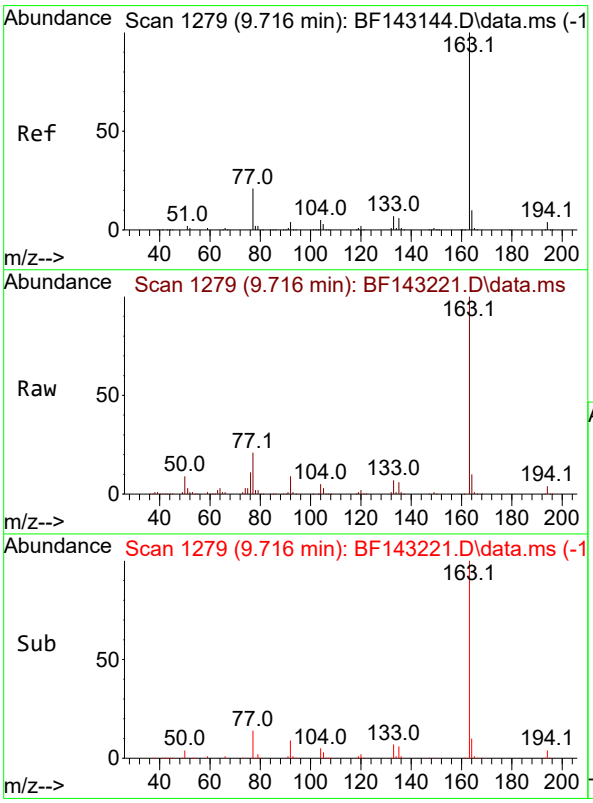
#49
Acenaphthylene
Concen: 39.131 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 890386

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.2	10.6	16.0

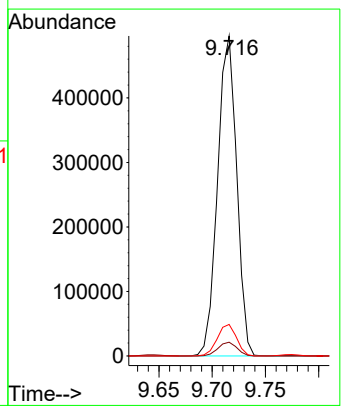


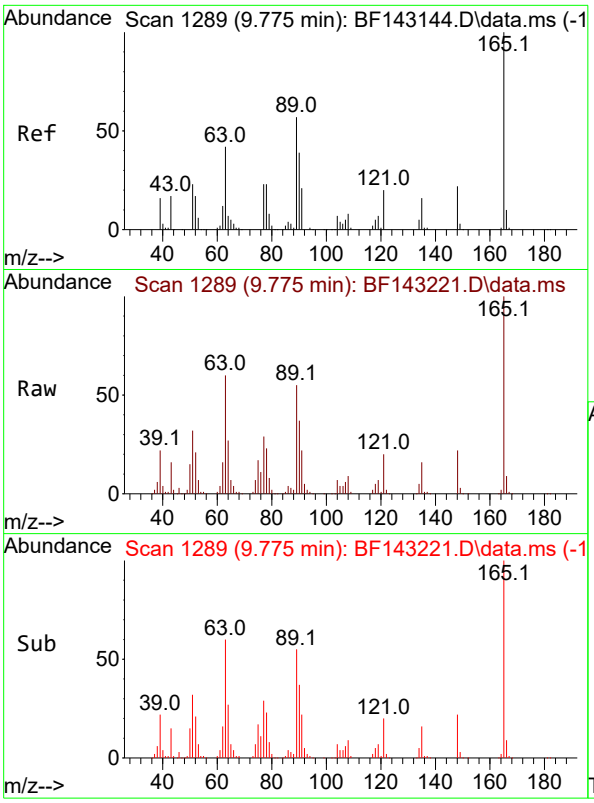


#50
Dimethylphthalate
Concen: 40.296 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:163 Resp: 617764

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.8	8.3	12.5



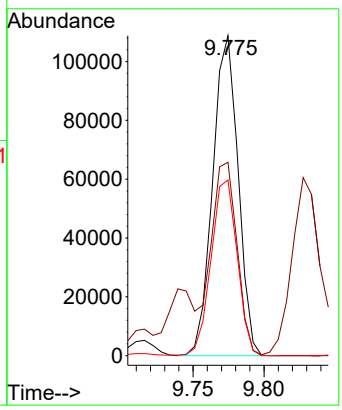


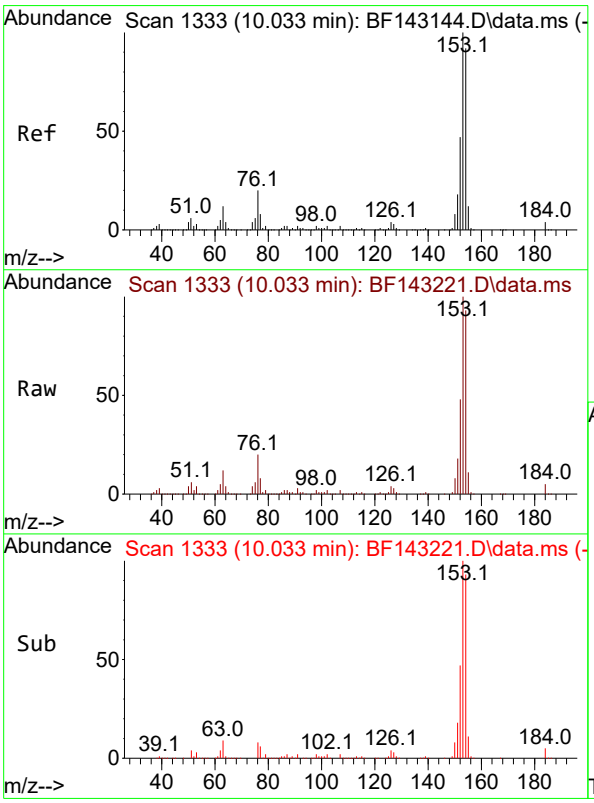
#51
2,6-Dinitrotoluene
Concen: 43.380 ng
RT: 9.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:165 Resp: 135289

Ion	Ratio	Lower	Upper
165	100		
63	60.5	49.4	74.2
89	54.9	46.2	69.2

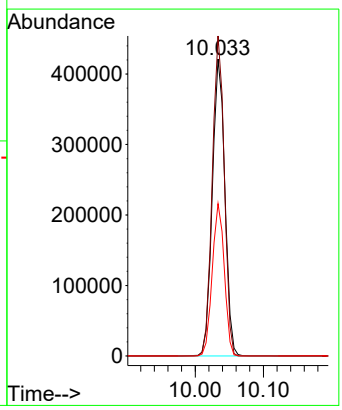


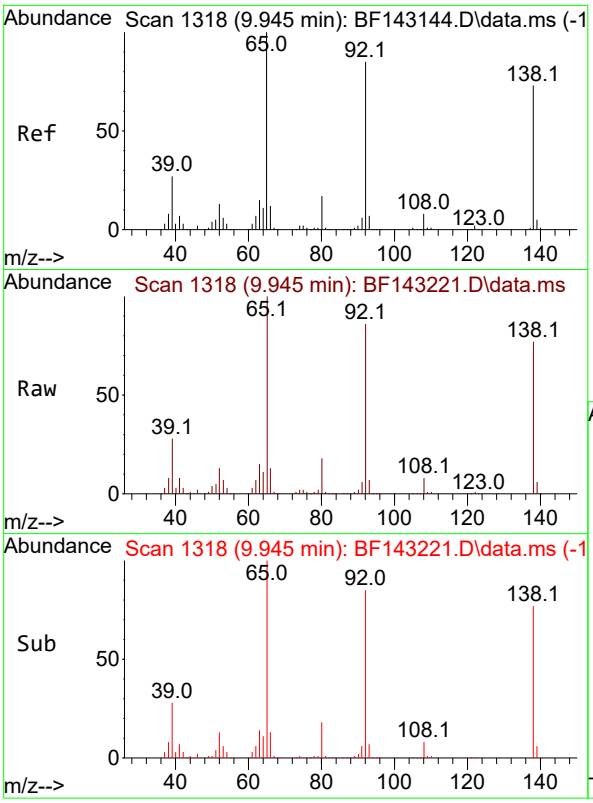


#52
Acenaphthene
Concen: 40.152 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:154 Resp: 539986

Ion	Ratio	Lower	Upper
154	100		
153	107.7	86.6	129.8
152	51.3	40.4	60.6



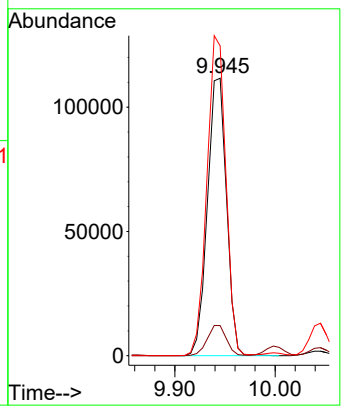


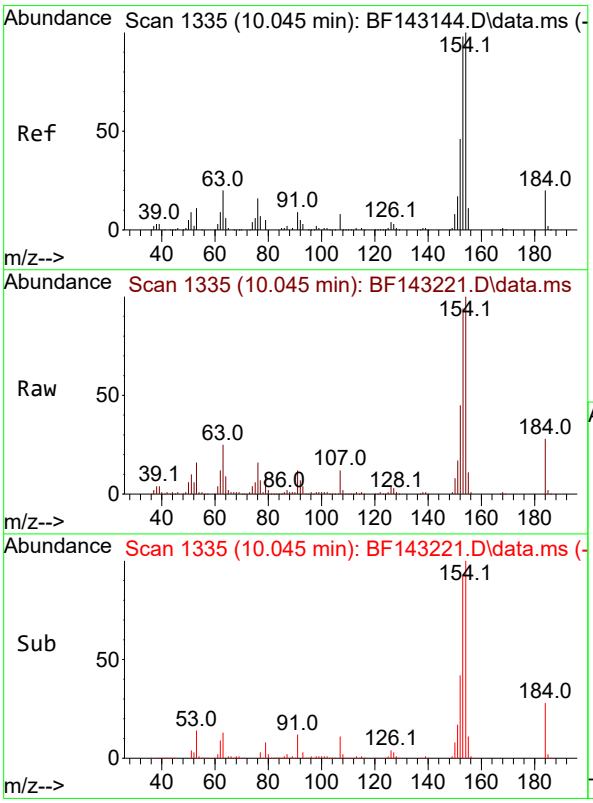
#53
3-Nitroaniline
Concen: 40.486 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:138 Resp: 147684

Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.0	13.6
92	111.6	93.0	139.4

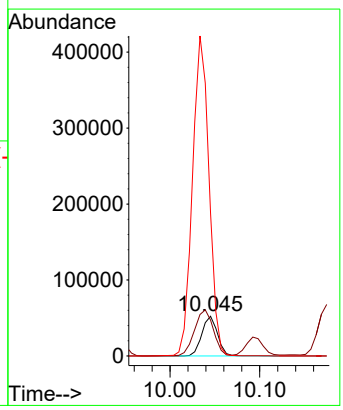


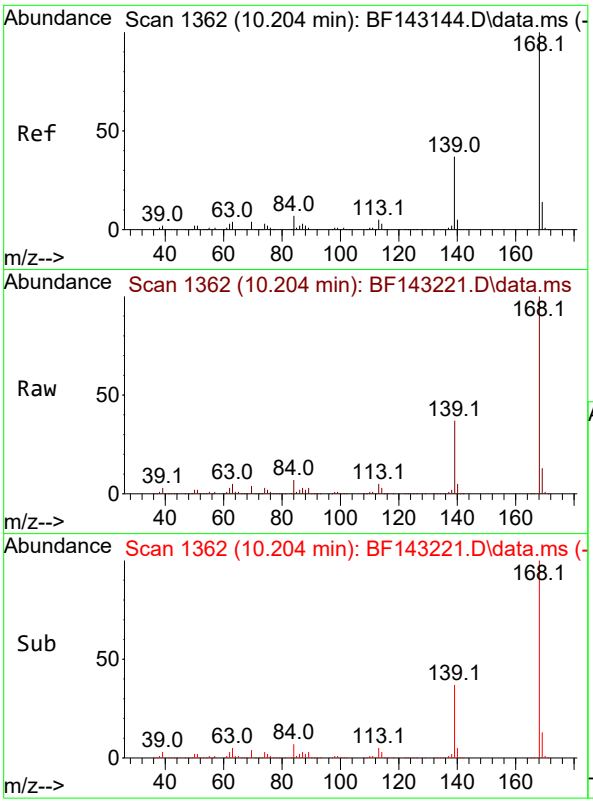


#54
2,4-Dinitrophenol
Concen: 48.021 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:184 Resp: 63769

Ion	Ratio	Lower	Upper
184	100		
63	90.2	81.8	122.6
154	359.0	412.2	618.4#



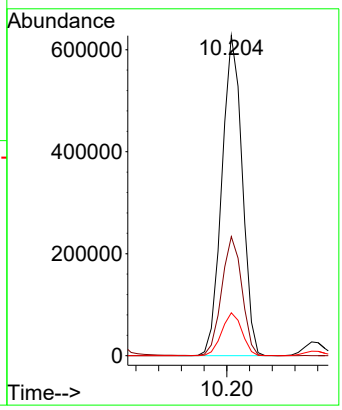


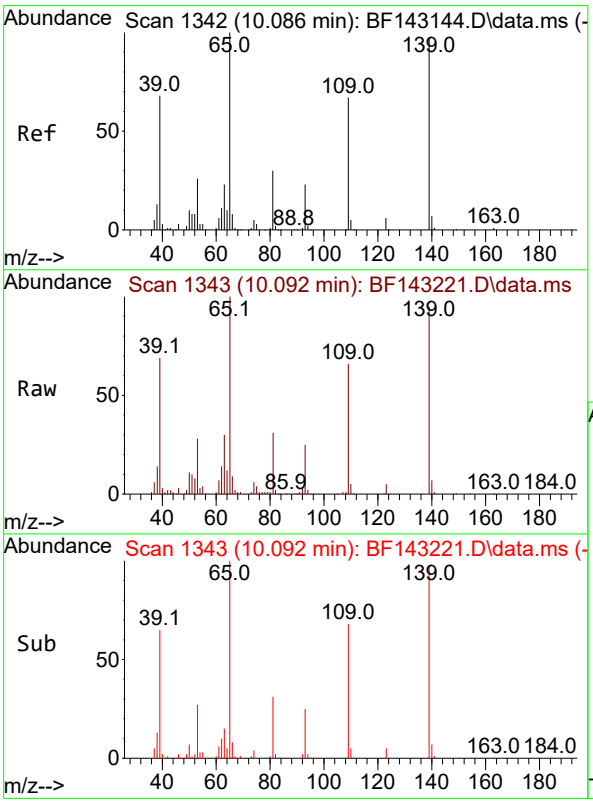
#55
Dibenzofuran
Concen: 39.131 ng
RT: 10.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:168 Resp: 781320

Ion	Ratio	Lower	Upper
168	100		
139	37.2	29.5	44.3
169	13.4	10.9	16.3

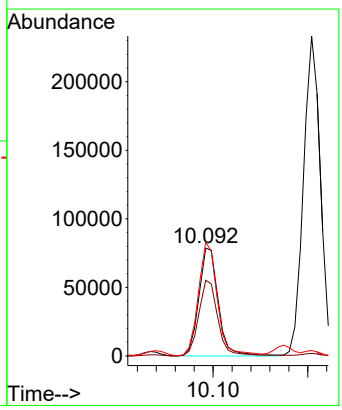


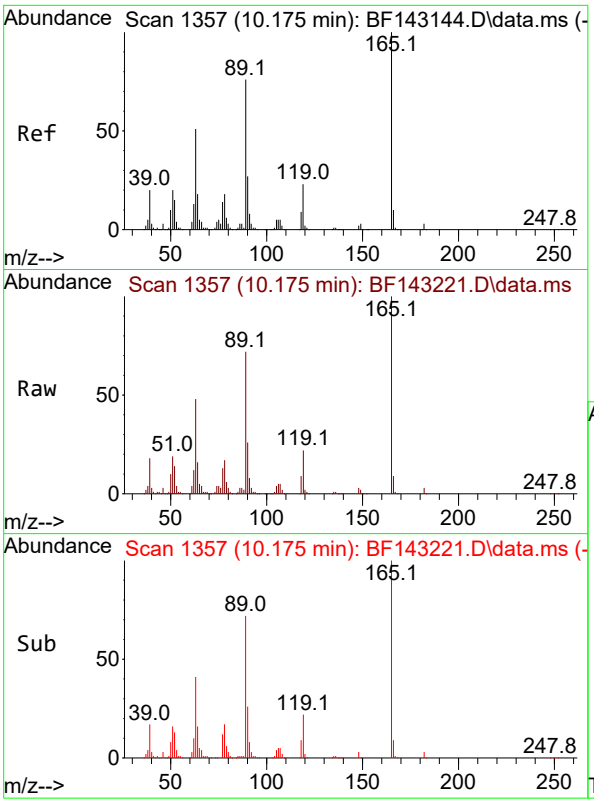


#56
4-Nitrophenol
Concen: 41.078 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:139 Resp: 111895

Ion	Ratio	Lower	Upper
139	100		
109	70.2	48.5	88.5
65	105.6	83.4	123.4



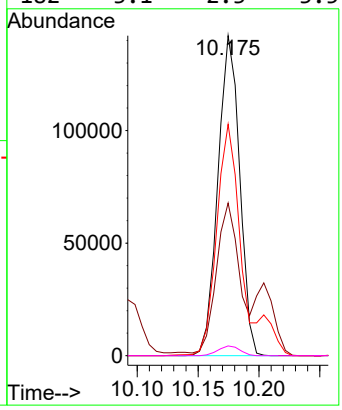


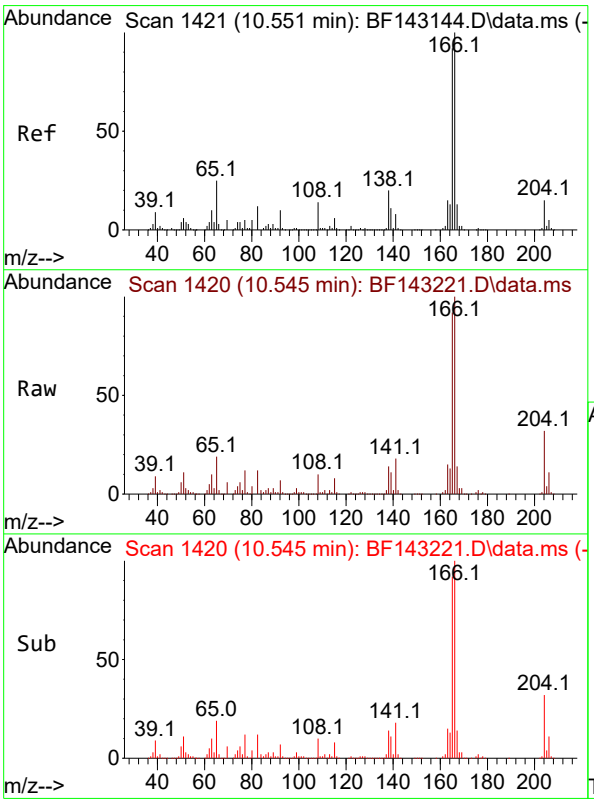
#57
2,4-Dinitrotoluene
Concen: 45.245 ng
RT: 10.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:165 Resp: 177032

Ion	Ratio	Lower	Upper
165	100		
63	47.7	41.0	61.4
89	72.3	61.1	91.7
182	3.1	2.3	3.5

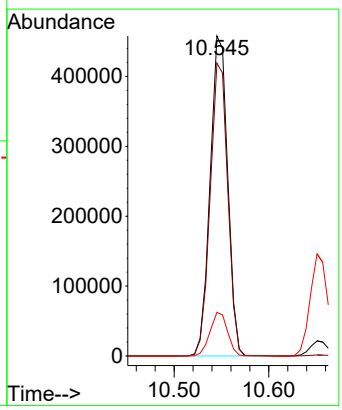


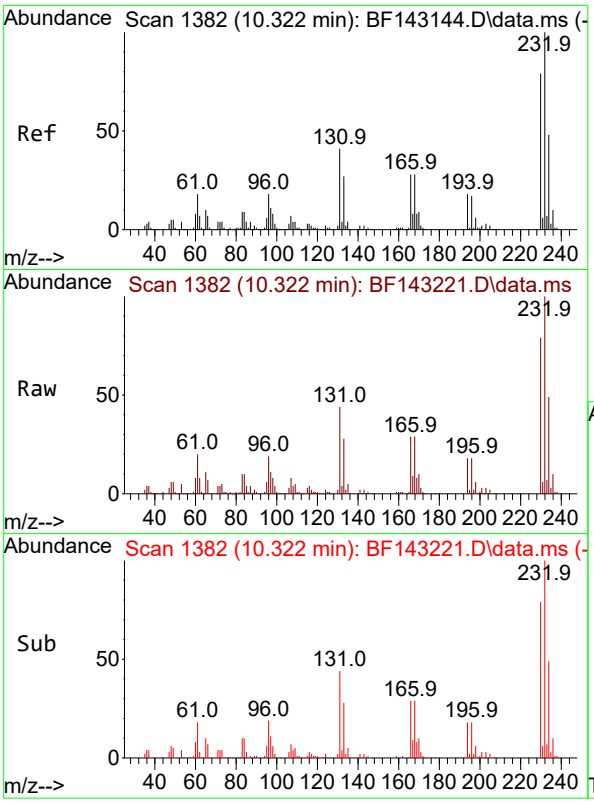


#58
Fluorene
Concen: 39.375 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:166 Resp: 590047

Ion	Ratio	Lower	Upper
166	100		
165	91.5	73.7	110.5
167	13.6	10.6	16.0



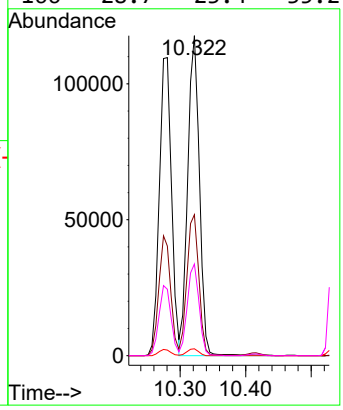


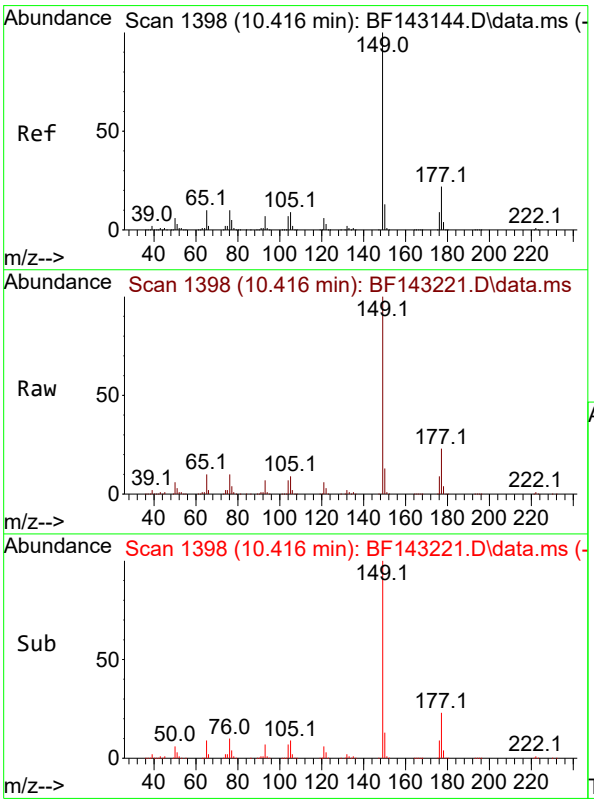
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.408 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:232 Resp: 145668

Ion	Ratio	Lower	Upper
232	100		
131	44.8	35.3	52.9
130	2.1	1.7	2.5
166	28.7	23.4	35.2

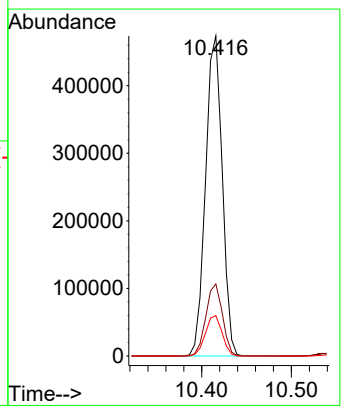


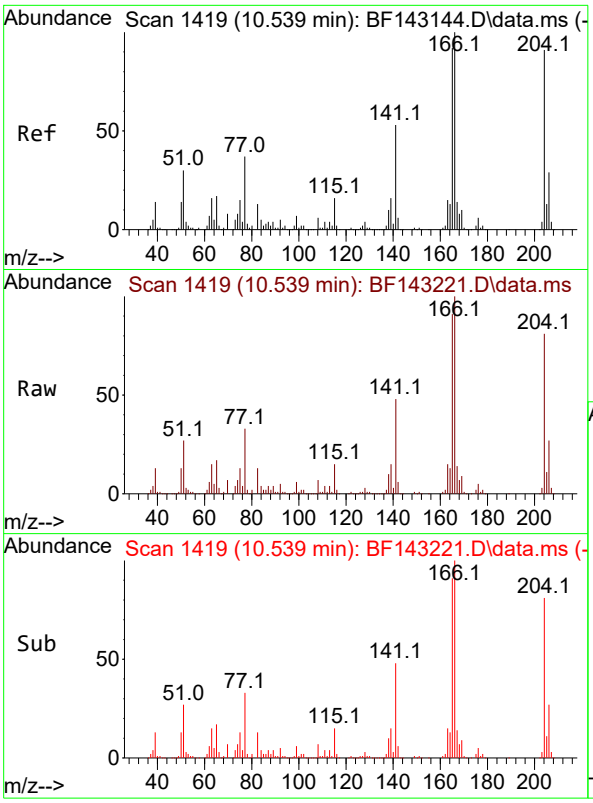


#60
Diethylphthalate
Concen: 40.338 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:149 Resp: 611236

Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.5	26.3
150	12.6	10.2	15.2



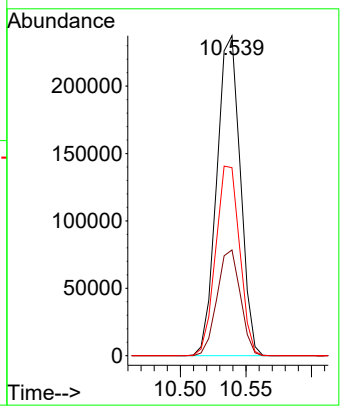


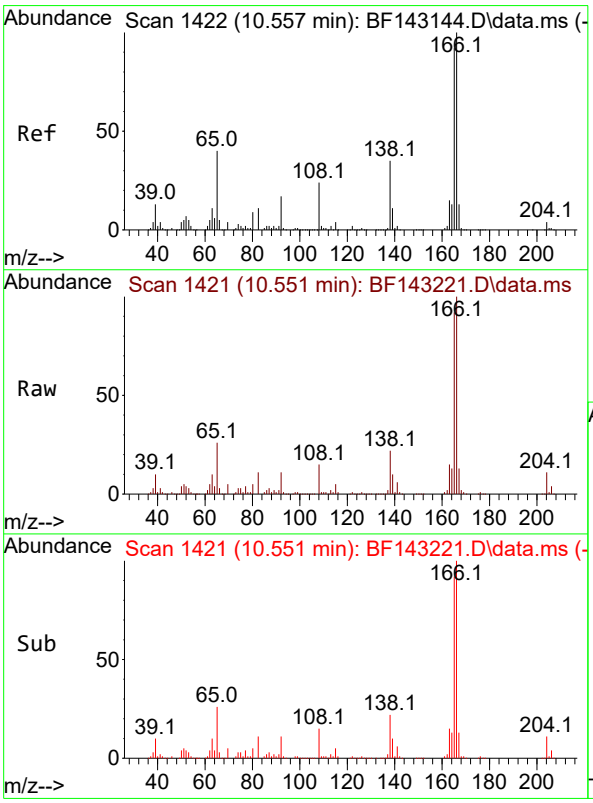
#61
4-Chlorophenyl-phenylether
Concen: 39.732 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:204 Resp: 296476

Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.8	38.8
141	58.7	47.0	70.4

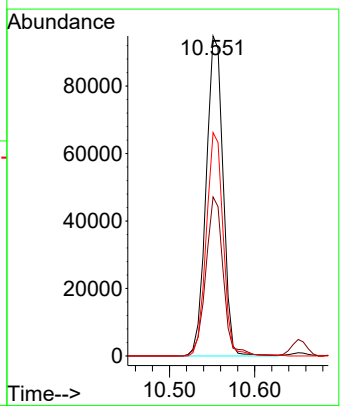


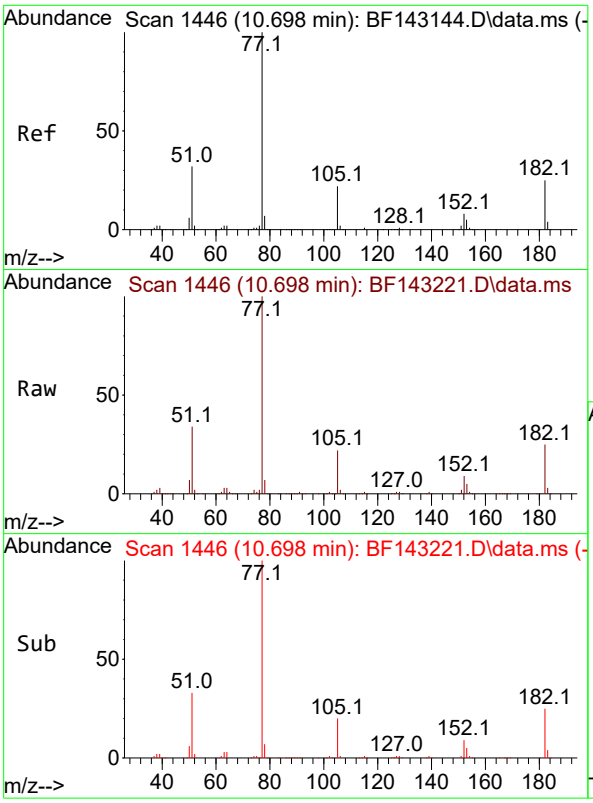


#62
4-Nitroaniline
Concen: 41.742 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:138 Resp: 130501

Ion	Ratio	Lower	Upper
138	100		
92	49.7	29.3	69.3
108	69.8	48.3	88.3



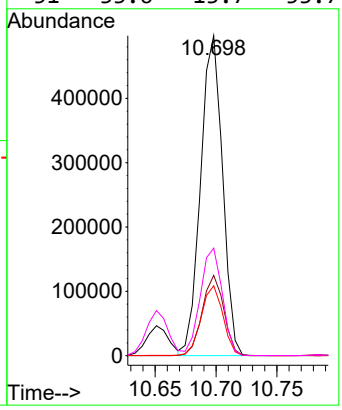


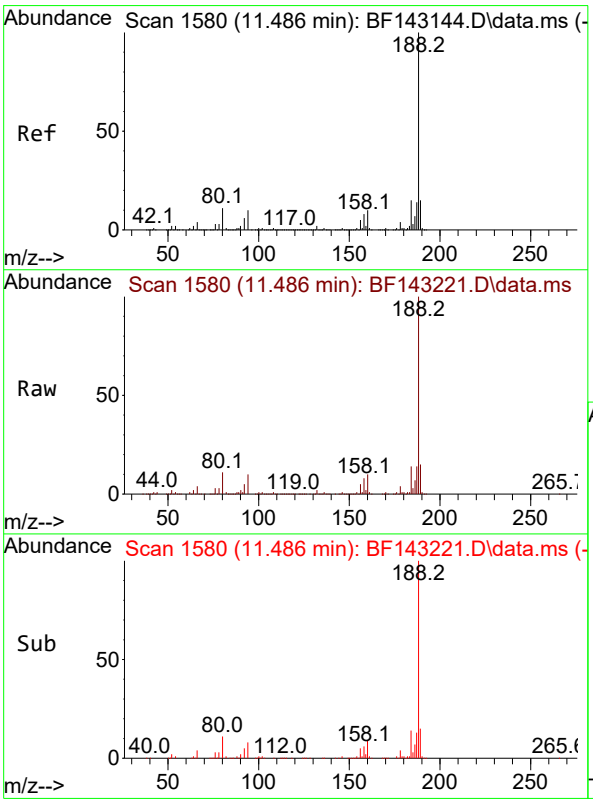
#63
Azobenzene
Concen: 39.494 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 623709

Ion	Ratio	Lower	Upper
77	100		
182	25.1	4.6	44.6
105	21.8	1.4	41.4
51	33.6	13.7	53.7

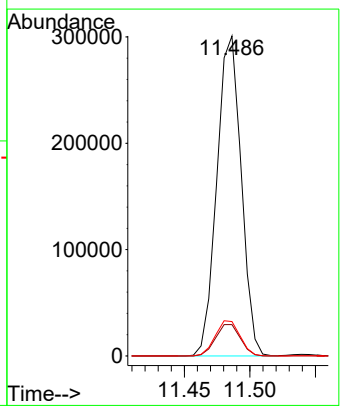


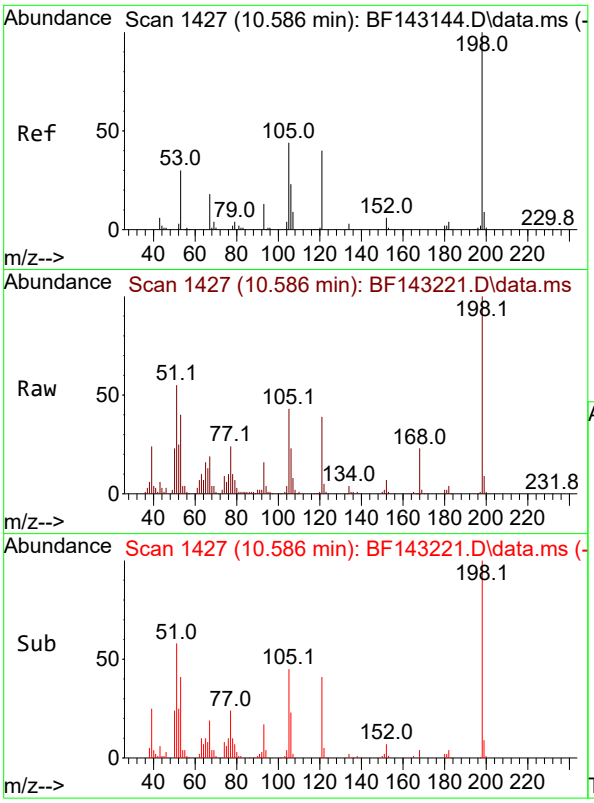


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:188 Resp: 388311

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.3	12.5
80	10.8	9.0	13.6



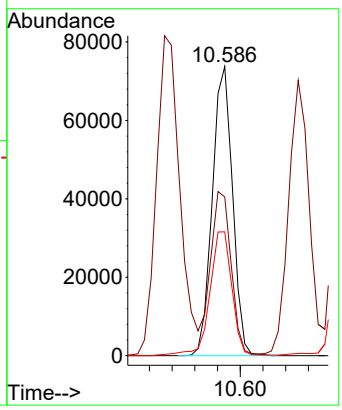


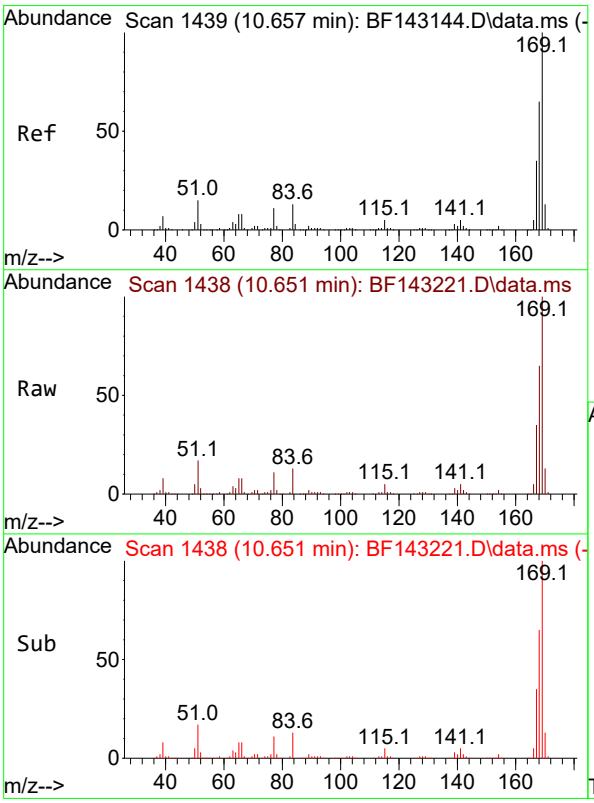
#65
4,6-Dinitro-2-methylphenol
Concen: 45.161 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:198 Resp: 91197

Ion	Ratio	Lower	Upper
198	100		
51	54.9	37.2	77.2
105	42.8	24.8	64.8

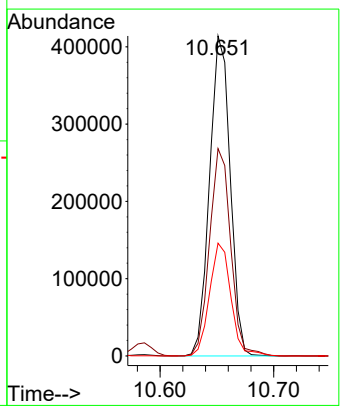


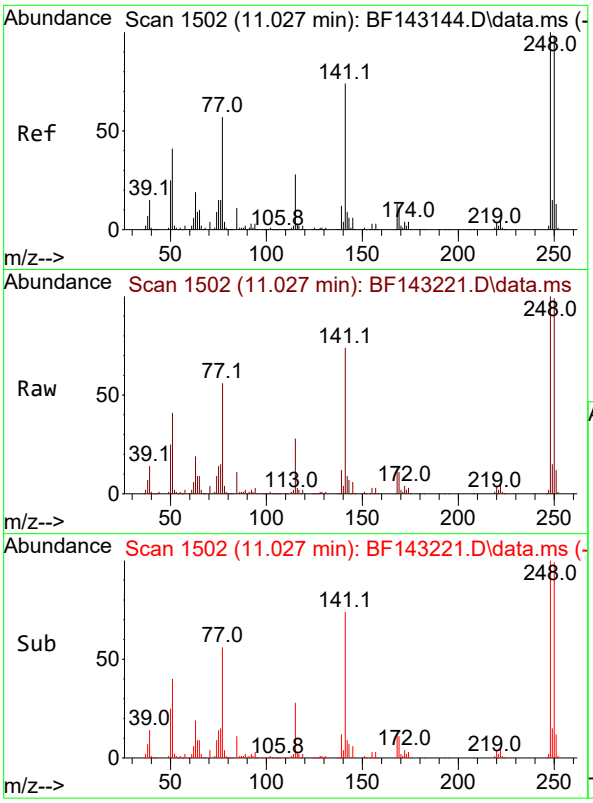


#66
n-Nitrosodiphenylamine
Concen: 38.172 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:169 Resp: 521954

Ion	Ratio	Lower	Upper
169	100		
168	64.8	52.1	78.1
167	35.3	28.2	42.2



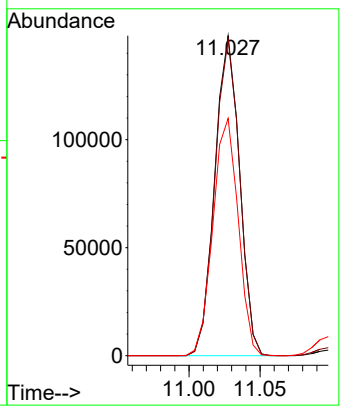


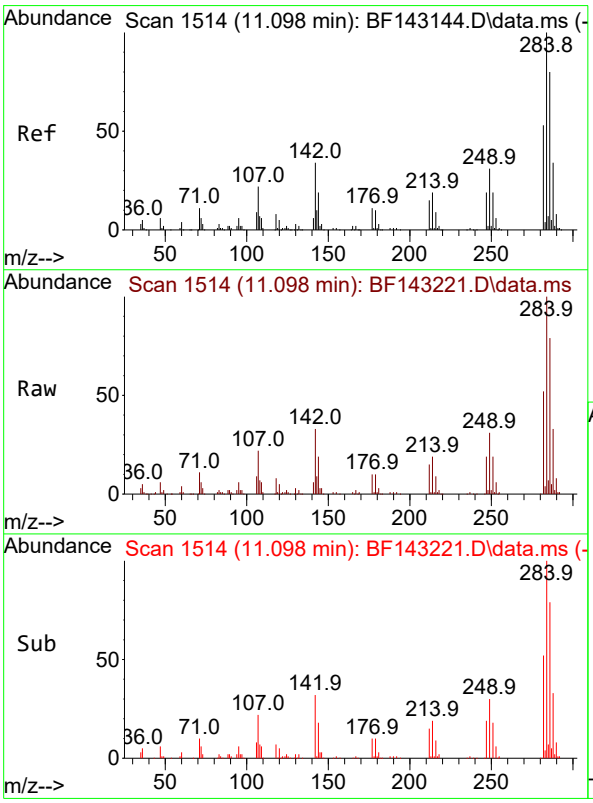
#67
4-Bromophenyl-phenylether
Concen: 38.872 ng
RT: 11.027 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:248 Resp: 179887

Ion	Ratio	Lower	Upper
248	100		
250	98.8	78.3	117.5
141	74.2	59.2	88.8

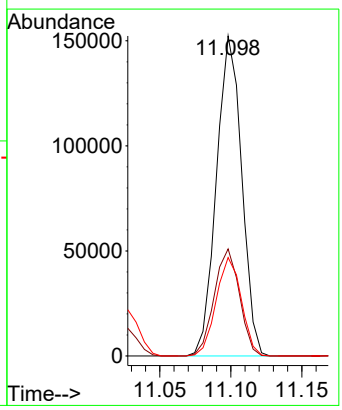


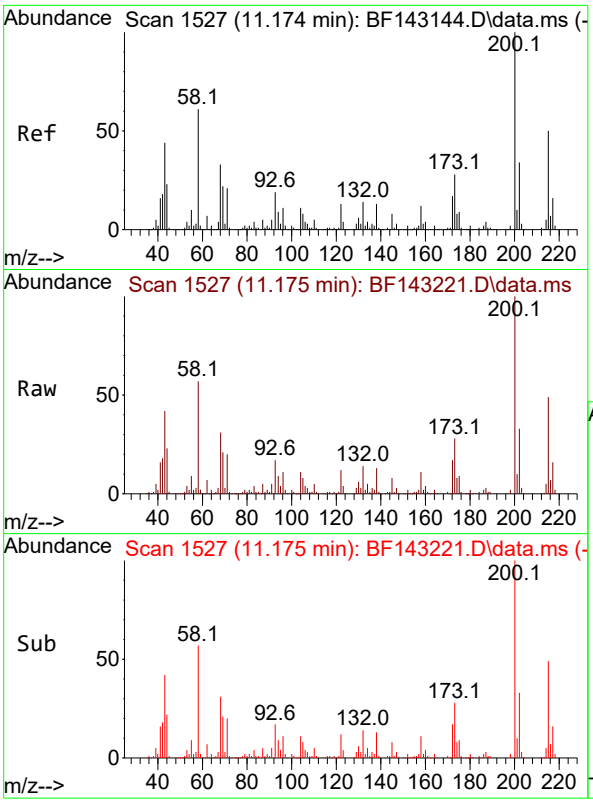


#68
Hexachlorobenzene
Concen: 38.896 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:284 Resp: 188132

Ion	Ratio	Lower	Upper
284	100		
142	33.5	27.0	40.6
249	30.8	25.0	37.6



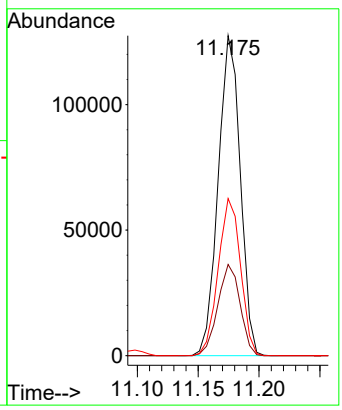


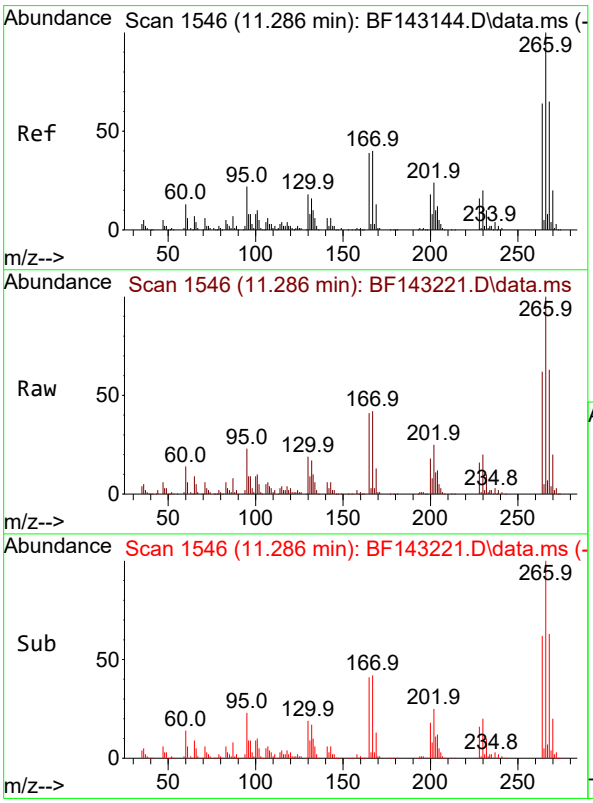
#69
Atrazine
Concen: 42.677 ng
RT: 11.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:200 Resp: 160879

Ion	Ratio	Lower	Upper
200	100		
173	28.5	7.9	47.9
215	49.1	30.1	70.1

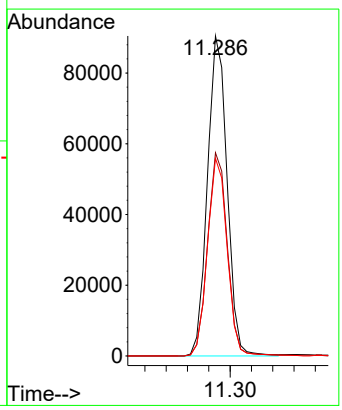


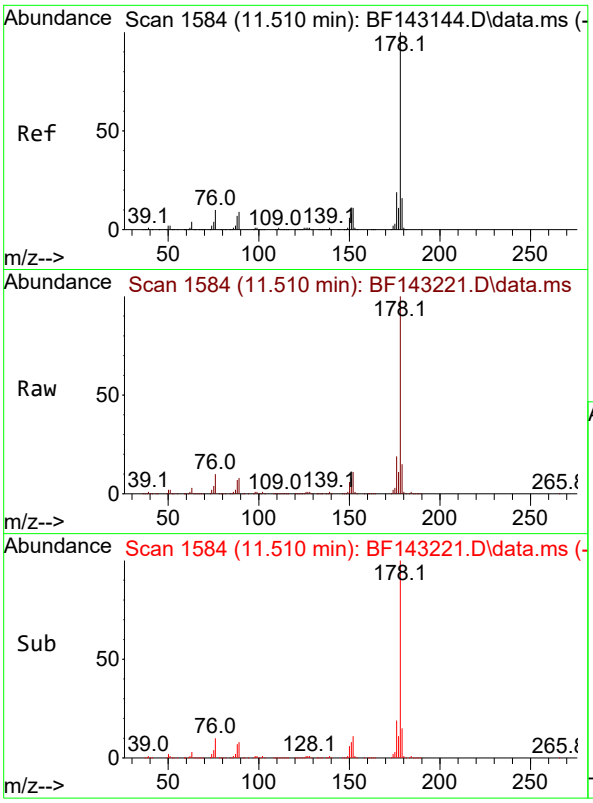


#70
Pentachlorophenol
Concen: 40.704 ng
RT: 11.286 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:266 Resp: 115781

Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.9	77.9
264	61.8	51.0	76.6



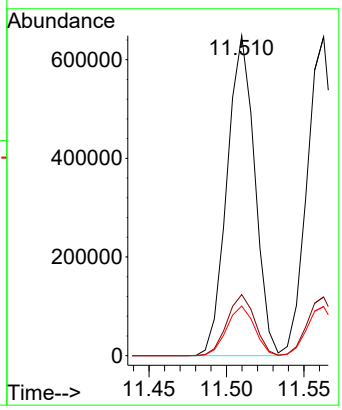


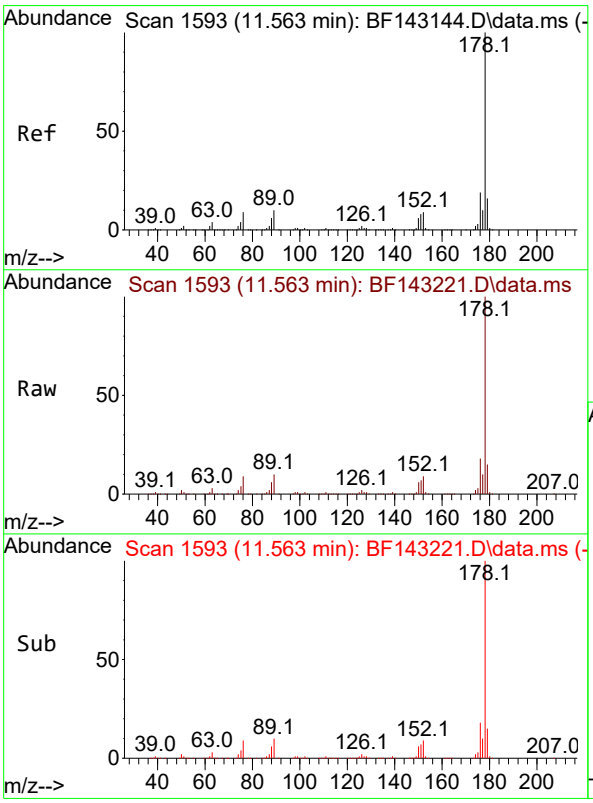
#71
Phenanthrene
Concen: 39.073 ng
RT: 11.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:178 Resp: 805603

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.5	12.5	18.7

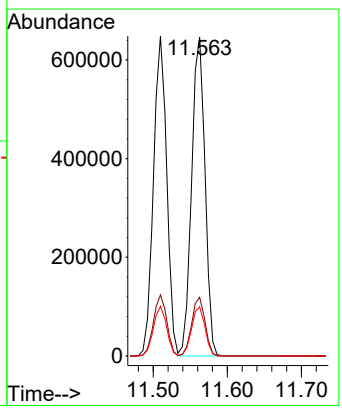


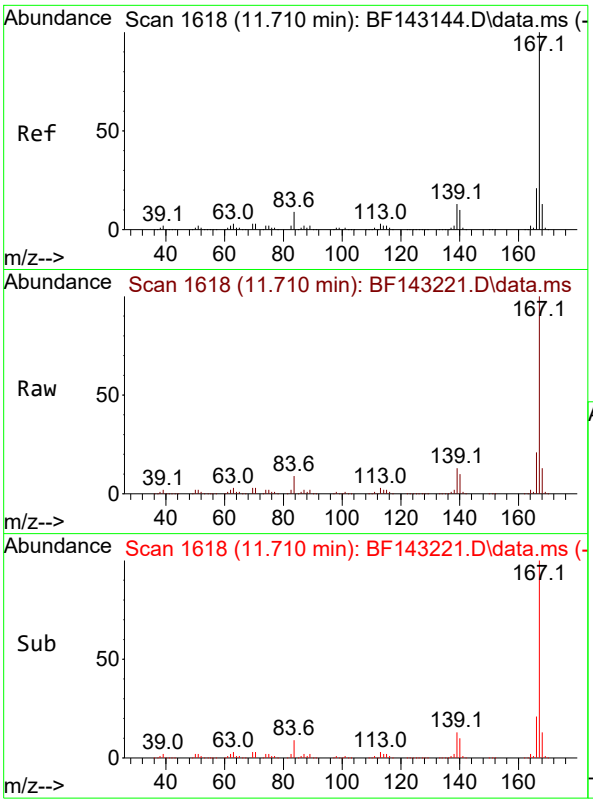


#72
Anthracene
Concen: 38.563 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:178 Resp: 810907

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	15.4	12.5	18.7



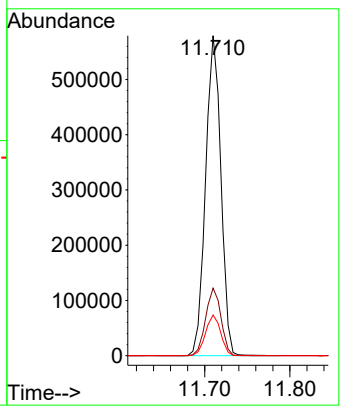


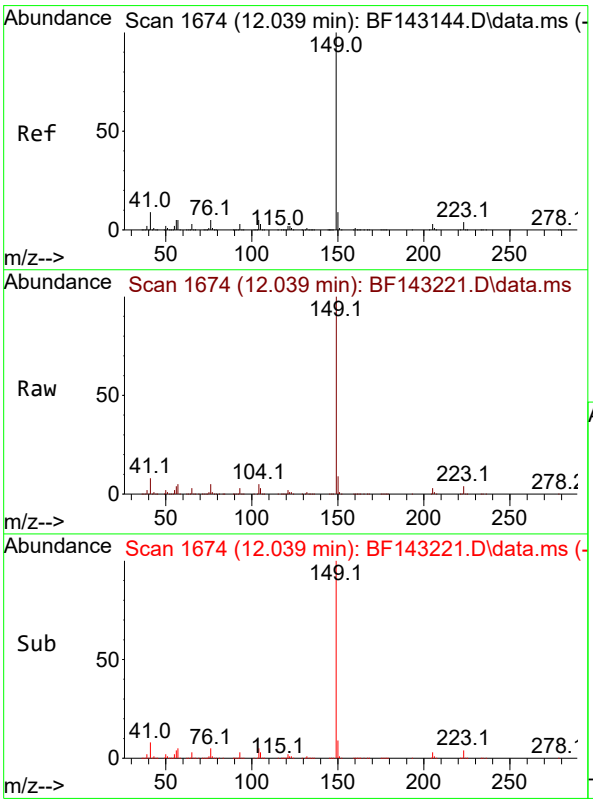
#73
Carbazole
Concen: 39.296 ng
RT: 11.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:167 Resp: 721548

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.6
139	12.7	10.0	15.0

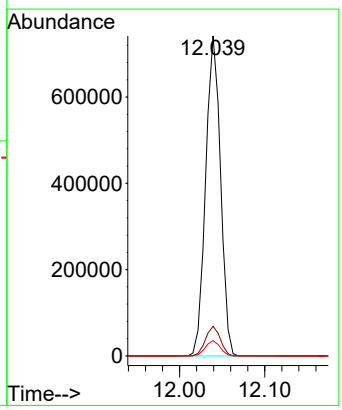


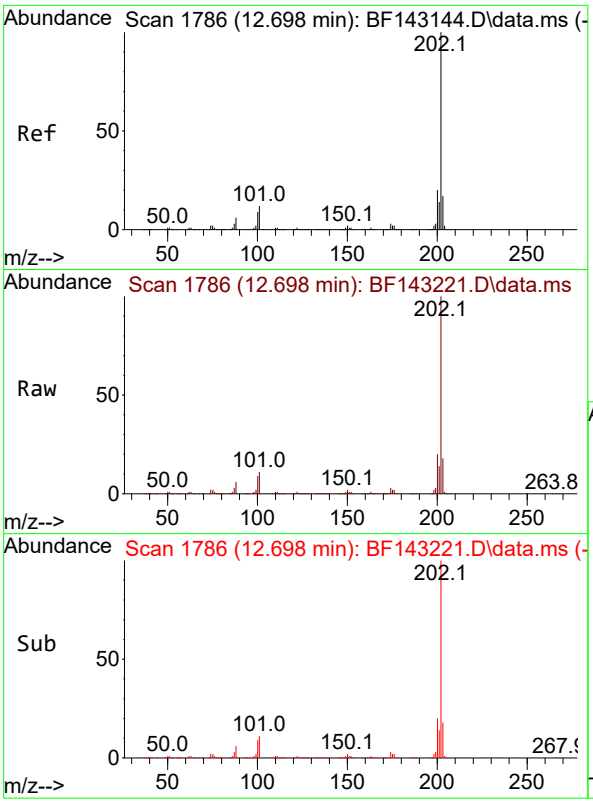


#74
Di-n-butylphthalate
Concen: 43.168 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:149 Resp: 896871

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.8	3.8	5.8



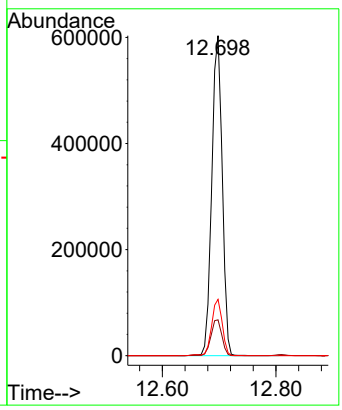


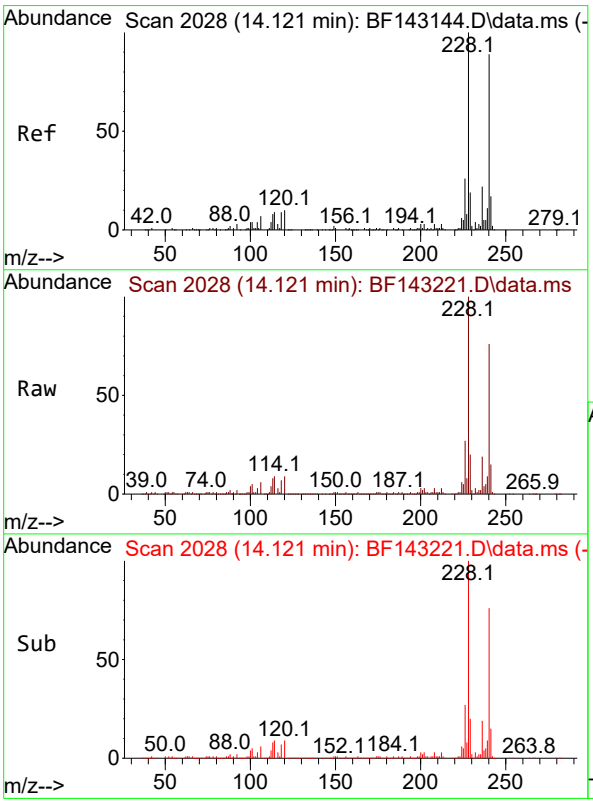
#75
Fluoranthene
Concen: 40.515 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:202 Resp: 766728

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.7
203	17.6	0.0	37.4

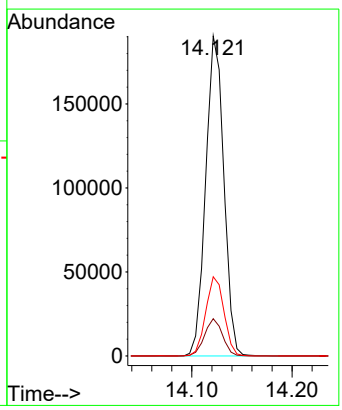


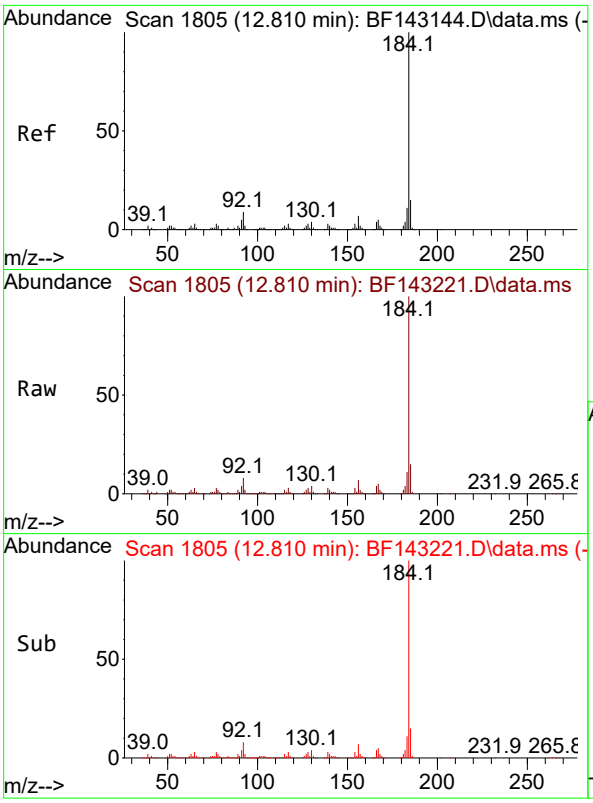


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:240 Resp: 239918

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.4	14.2
236	24.7	20.2	30.4



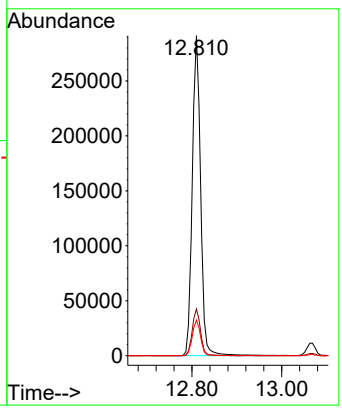


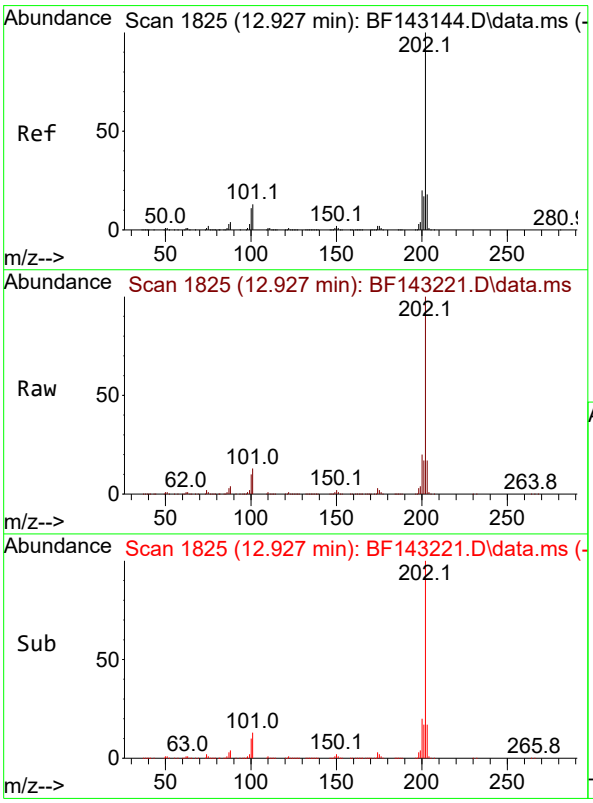
#77
Benzidine
Concen: 40.589 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 375180

Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.2	18.4
183	11.1	9.0	13.4

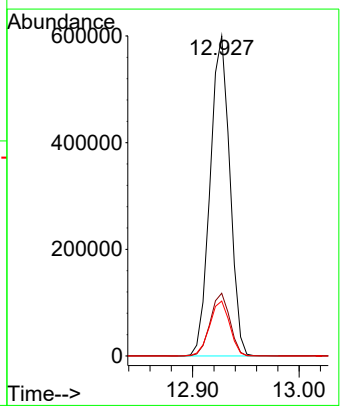


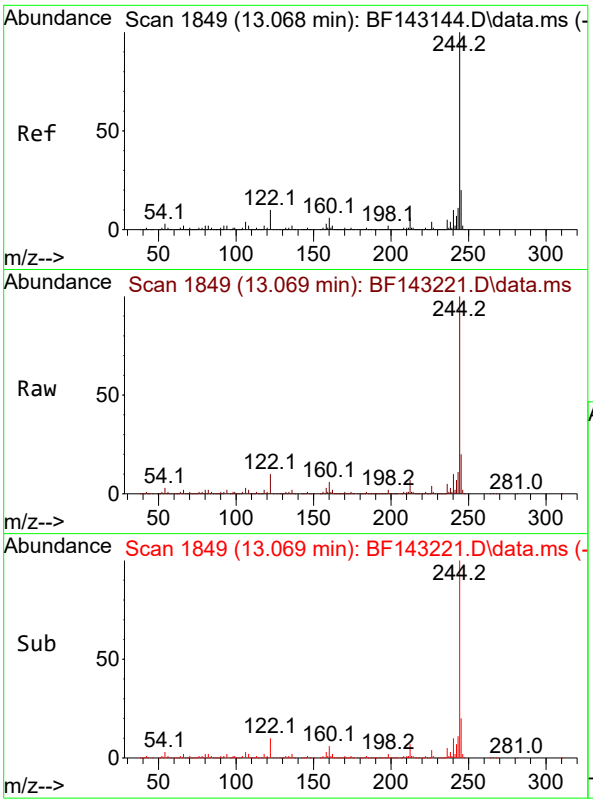


#78
Pyrene
Concen: 37.639 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:202 Resp: 770682

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.7	23.5
203	17.1	14.2	21.2



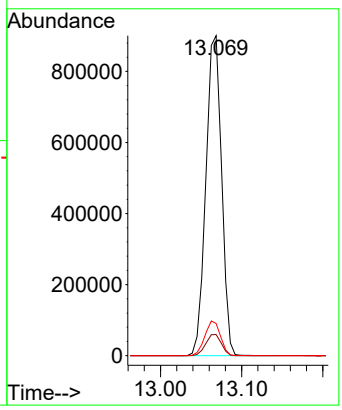


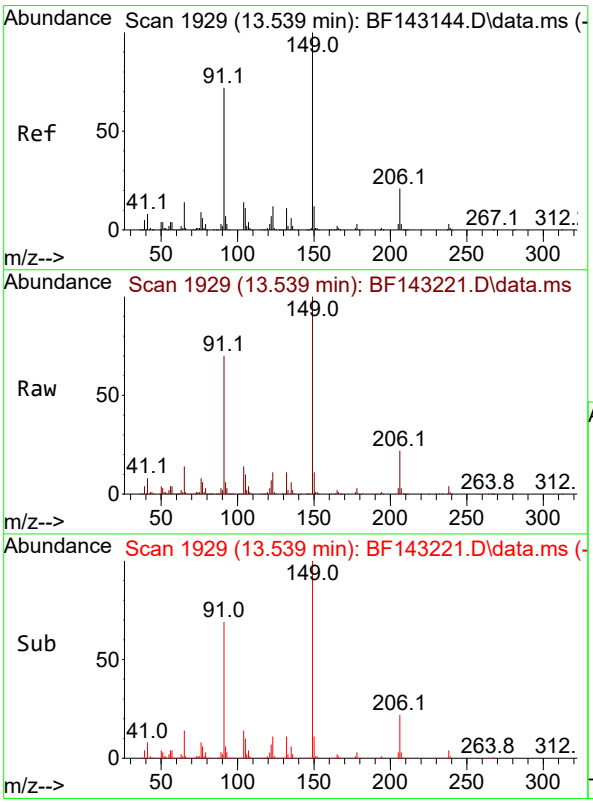
#79
Terphenyl-d14
Concen: 75.002 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:244 Resp: 1209203

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	10.1	8.2	12.2

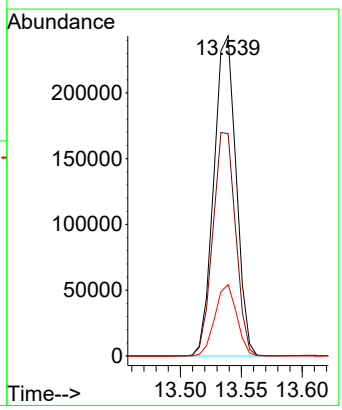


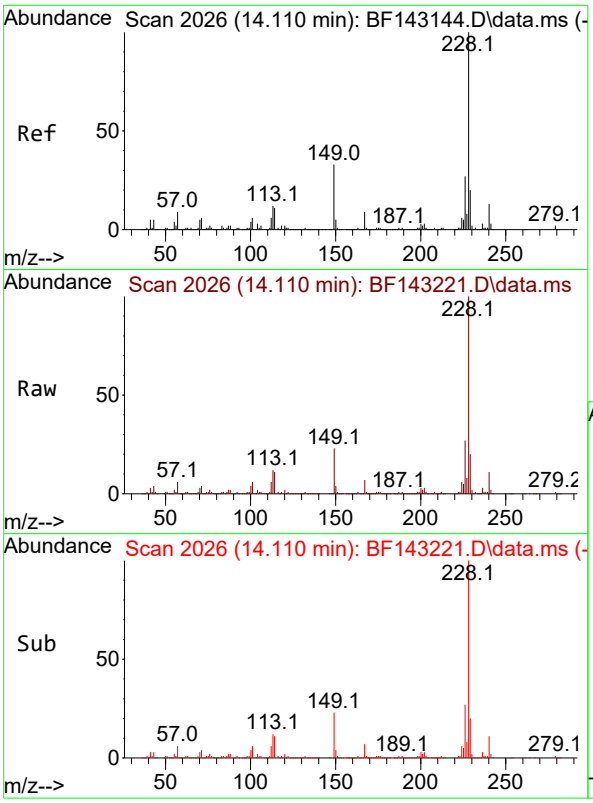


#80
Butylbenzylphthalate
Concen: 49.505 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:149 Resp: 310396

Ion	Ratio	Lower	Upper
149	100		
91	69.5	57.9	86.9
206	22.3	17.0	25.4



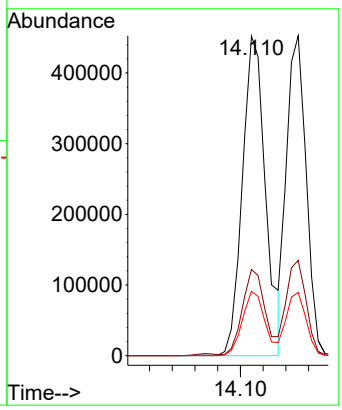


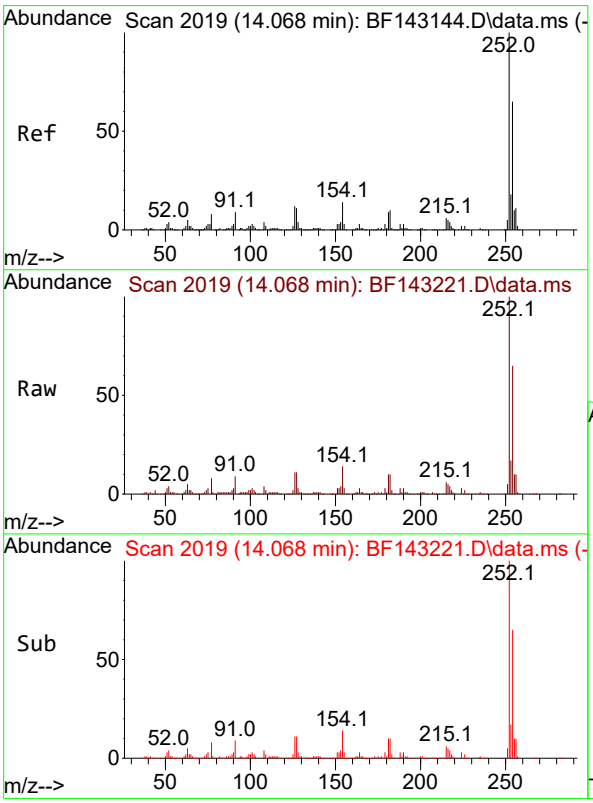
#81
Benzo(a)anthracene
Concen: 39.837 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:228 Resp: 639877

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.7	32.5
229	20.1	15.8	23.6

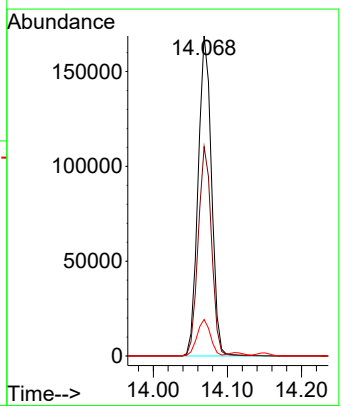


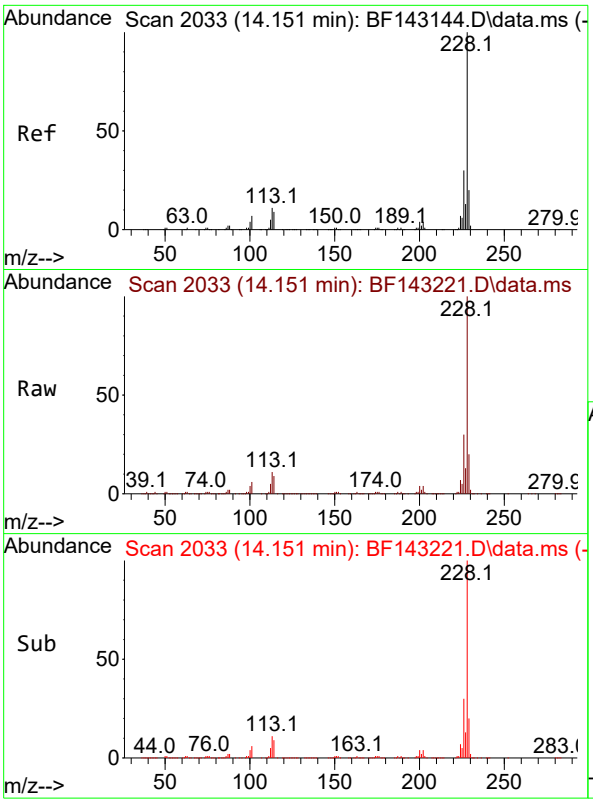


#82
3,3'-Dichlorobenzidine
Concen: 39.606 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:252 Resp: 212028

Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.7	77.5
126	11.4	9.4	14.0



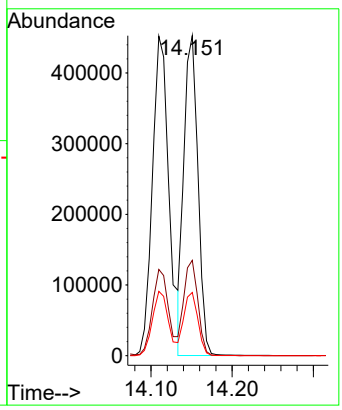


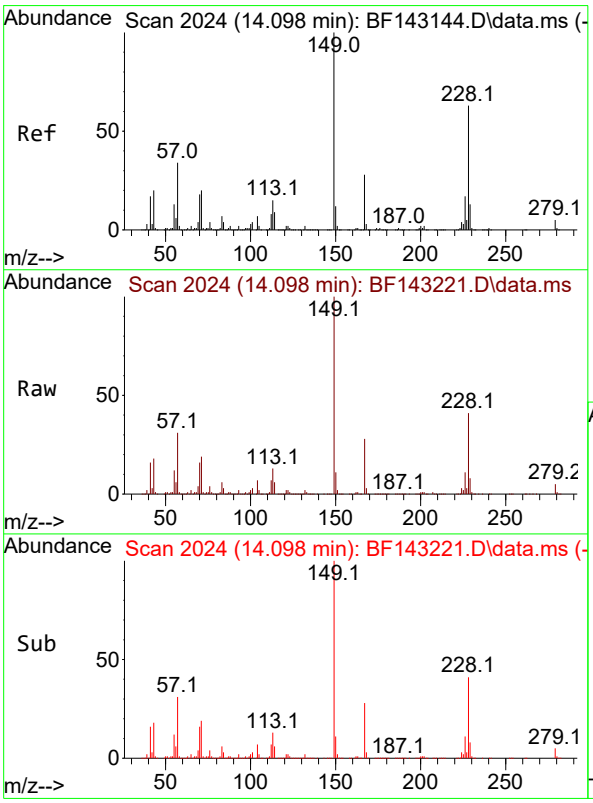
#83
Chrysene
Concen: 37.622 ng
RT: 14.151 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:228 Resp: 543320

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.7	15.6	23.4

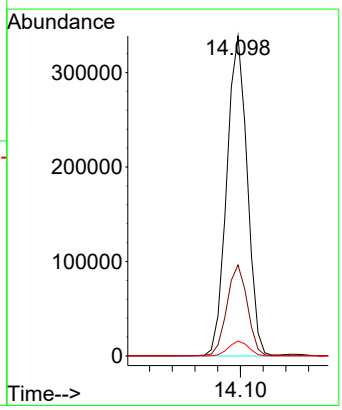


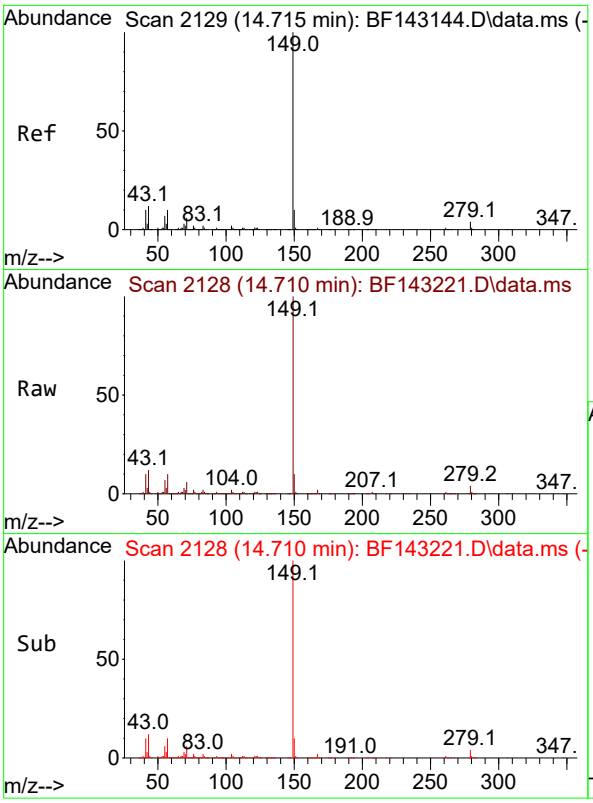


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.678 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:149 Resp: 424006

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.3	33.5
279	4.7	3.6	5.4



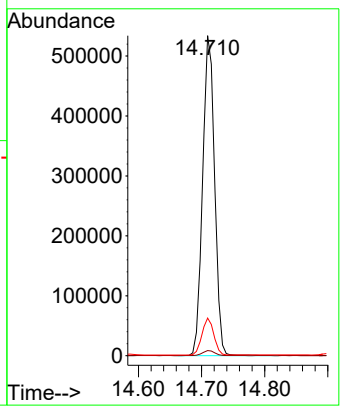


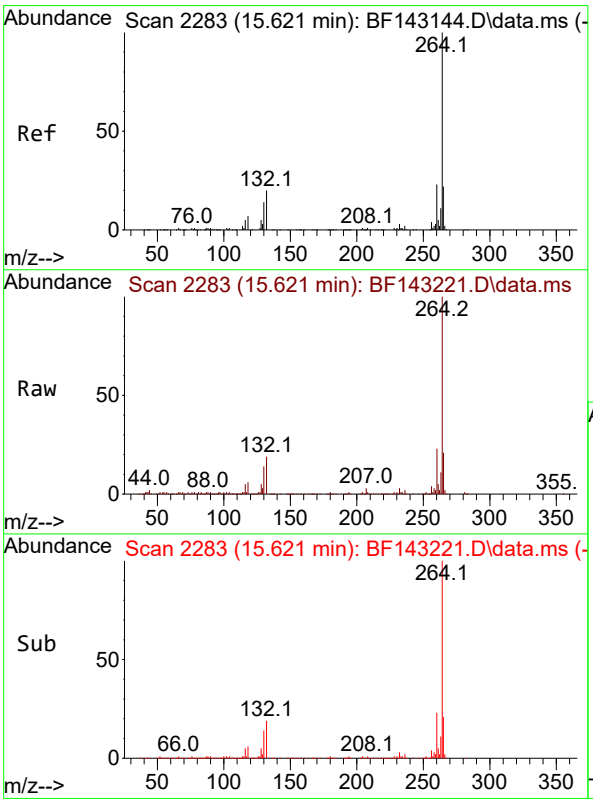
#85
Di-n-octyl phthalate
Concen: 40.789 ng
RT: 14.710 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 701660

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.4	9.7	14.5

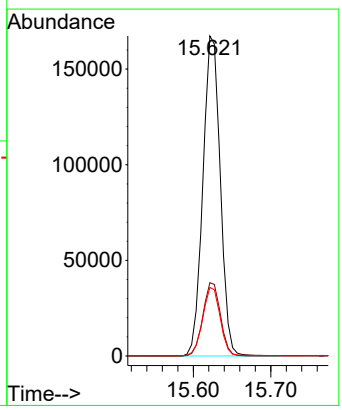


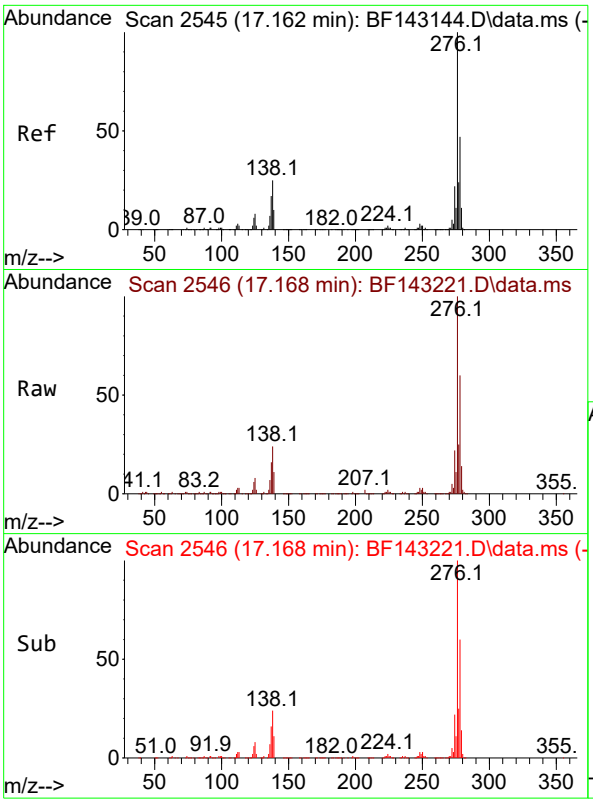


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:264 Resp: 260552

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.5	27.7
265	21.4	17.4	26.2



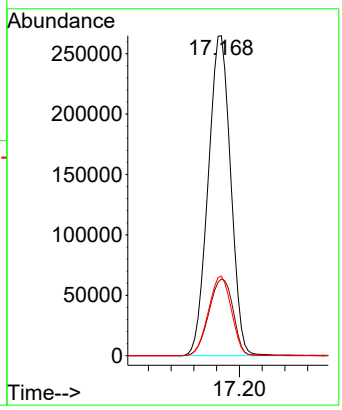


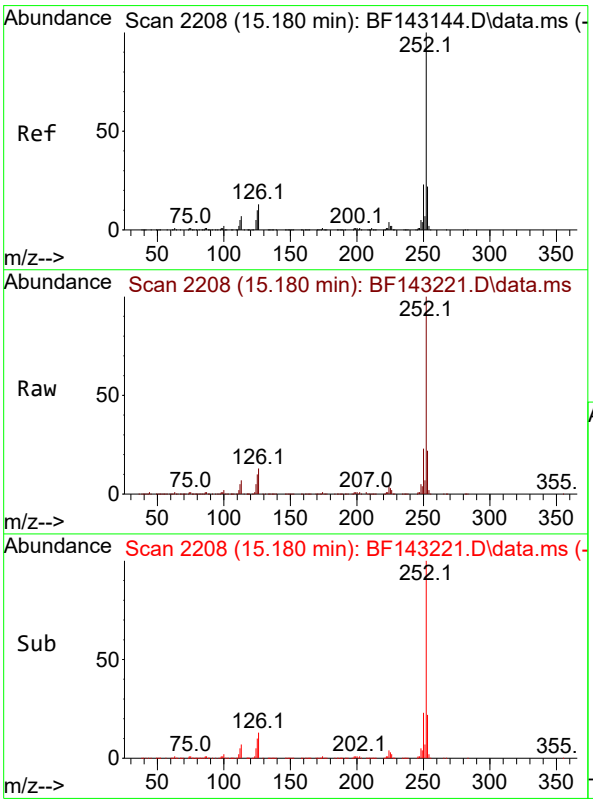
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.648 ng
RT: 17.168 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:276 Resp: 728424

Ion	Ratio	Lower	Upper
276	100		
138	25.8	21.8	32.6
277	25.4	20.0	30.0

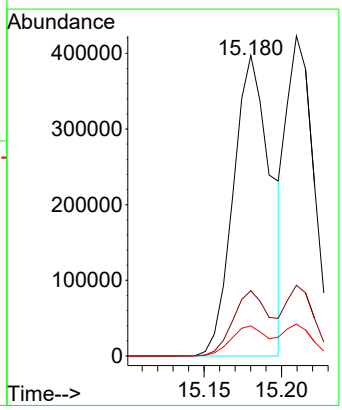


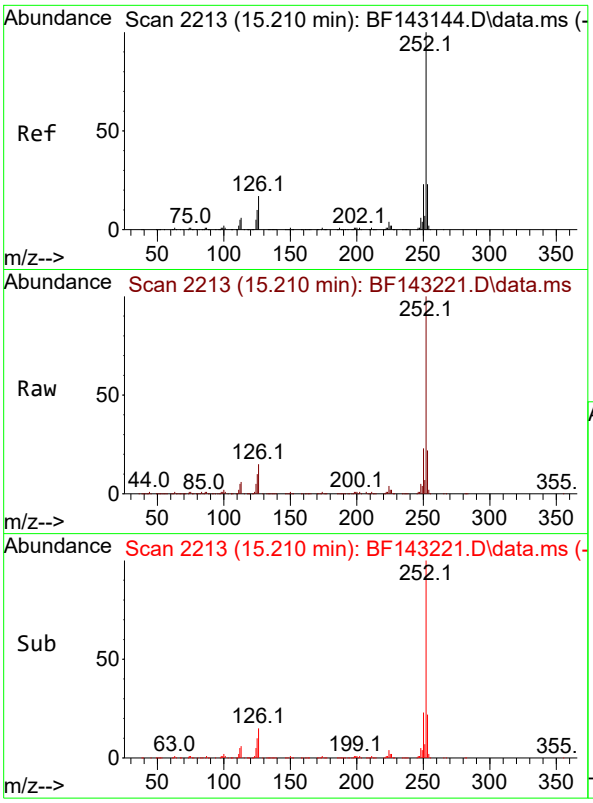


#88
Benzo(b)fluoranthene
Concen: 41.763 ng
RT: 15.180 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:252 Resp: 664764

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	10.0	8.0	12.0



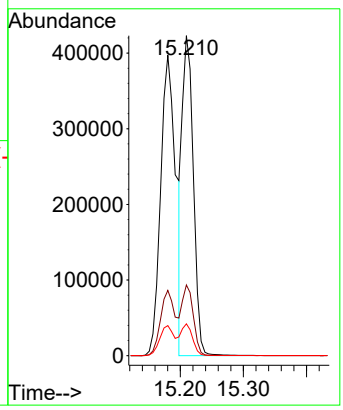


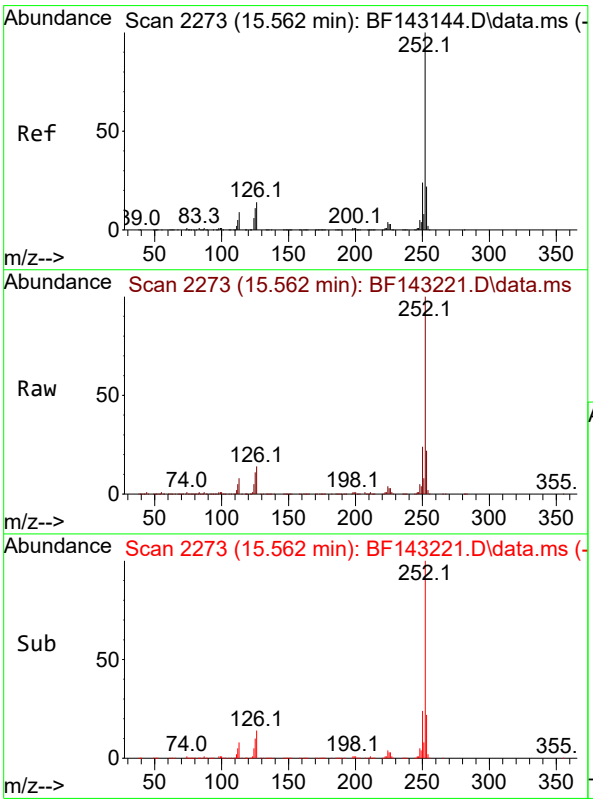
#89
Benzo(k)fluoranthene
Concen: 36.673 ng
RT: 15.210 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:252 Resp: 520903

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	9.9	8.1	12.1

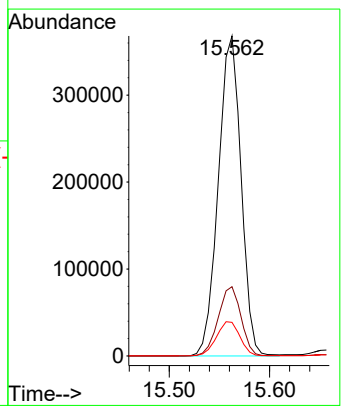


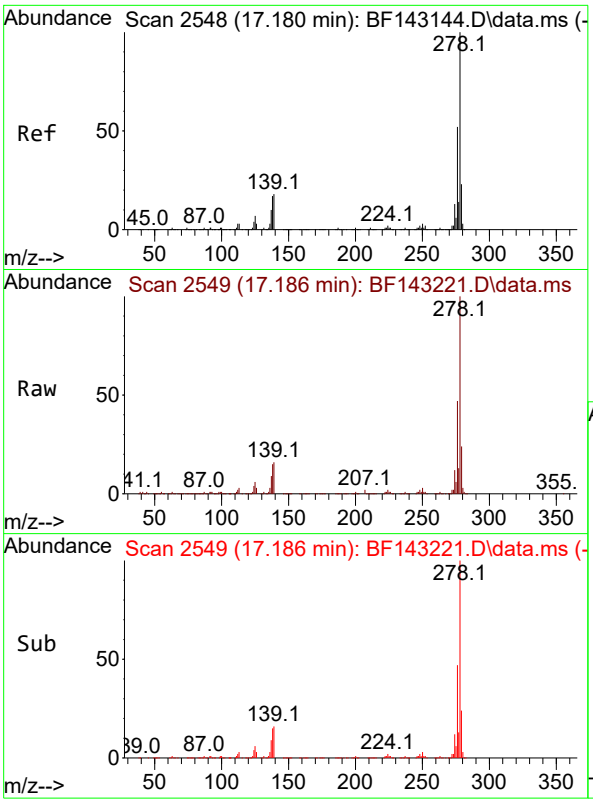


#90
Benzo(a)pyrene
Concen: 39.494 ng
RT: 15.562 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:252 Resp: 579199

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	10.5	8.6	13.0



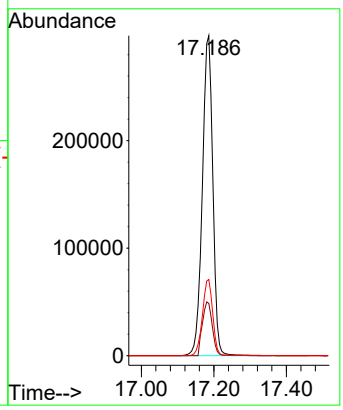


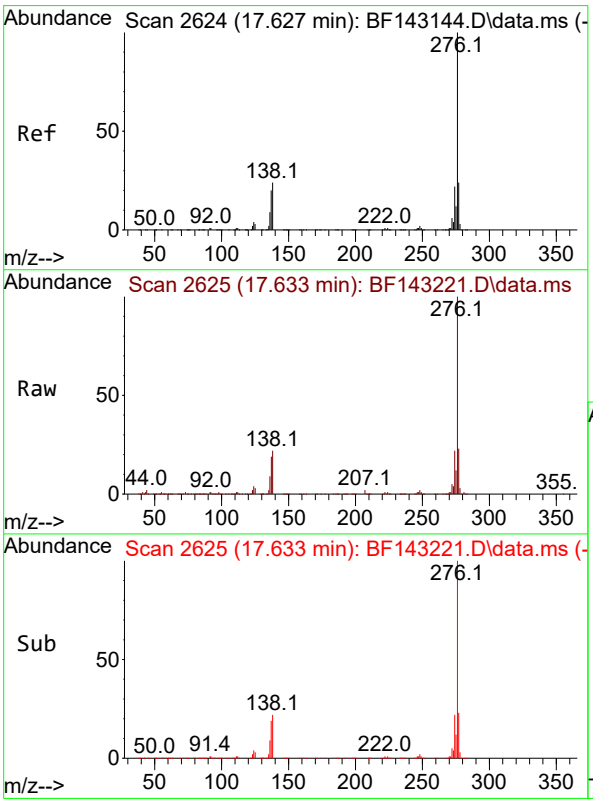
#91
Dibenzo(a,h)anthracene
Concen: 39.899 ng
RT: 17.186 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:278 Resp: 596645

Ion	Ratio	Lower	Upper
278	100		
139	16.3	14.1	21.1
279	23.8	18.6	28.0

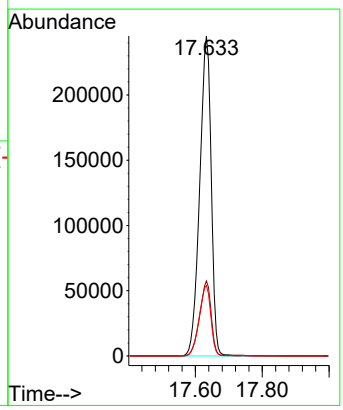




#92
Benzo(g,h,i)perylene
Concen: 40.478 ng
RT: 17.633 min Scan# 2625
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:276 Resp: 585525

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.1	28.7
138	22.0	18.9	28.3



Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143221.D
Acq On : 23 Jul 2025 19:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 24 01:20:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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	73	0.00
2		1,4-Dioxane	0.598	0.552	7.7	67	-0.02
3		Pyridine	1.552	1.433	7.7	68	-0.01
4		n-Nitrosodimethylamine	0.801	0.757	5.5	68	-0.02
5	S	2-Fluorophenol	1.264	1.184	6.3	70	0.00
6		Aniline	2.217	2.026	8.6	67	0.00
7	S	Phenol-d6	1.591	1.484	6.7	69	0.00
8		2-Chlorophenol	1.325	1.267	4.4	70	0.00
9		Benzaldehyde	1.193	1.042	12.7	53	0.00
10	C	Phenol	1.733	1.685	2.8	72	0.00
11		bis(2-Chloroethyl)ether	1.327	1.245	6.2	70	0.00
12		1,3-Dichlorobenzene	1.439	1.377	4.3	72	0.00
13	C	1,4-Dichlorobenzene	1.449	1.408	2.8	72	0.00
14		1,2-Dichlorobenzene	1.378	1.324	3.9	72	0.00
15		Benzyl Alcohol	1.215	1.172	3.5	70	0.00
16		2,2'-oxybis(1-Chloropropane	2.461	2.326	5.5	70	0.00
17		2-Methylphenol	1.114	1.072	3.8	71	0.00
18		Hexachloroethane	0.502	0.505	-0.6	74	0.00
19	P	n-Nitroso-di-n-propylamine	1.021	0.945	7.4	70	0.00
20		3+4-Methylphenols	1.351	1.294	4.2	70	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	71	0.00
22		Acetophenone	0.474	0.452	4.6	71	0.00
23	S	Nitrobenzene-d5	0.401	0.407	-1.5	73	0.00
24		Nitrobenzene	0.374	0.372	0.5	71	0.00
25		Isophorone	0.708	0.683	3.5	70	0.00
26	C	2-Nitrophenol	0.162	0.184	-13.6	76	0.00
27		2,4-Dimethylphenol	0.331	0.321	3.0	71	0.00
28		bis(2-Chloroethoxy)methane	0.425	0.409	3.8	71	0.00
29	C	2,4-Dichlorophenol	0.279	0.277	0.7	72	0.00
30		1,2,4-Trichlorobenzene	0.302	0.298	1.3	72	0.00
31		Naphthalene	0.985	0.969	1.6	73	0.00
32		Benzoic acid	0.169	0.196	-16.0	78	0.00
33		4-Chloroaniline	0.402	0.379	5.7	69	0.00
34	C	Hexachlorobutadiene	0.184	0.185	-0.5	73	0.00
35		Caprolactam	0.084	0.087	-3.6	71	-0.01
36	C	4-Chloro-3-methylphenol	0.303	0.298	1.7	71	0.00
37		2-Methylnaphthalene	0.599	0.584	2.5	72	0.00
38		1-Methylnaphthalene	0.617	0.610	1.1	73	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	71	0.00
40		1,2,4,5-Tetrachlorobenzene	0.577	0.576	0.2	74	0.00
41	P	Hexachlorocyclopentadiene	0.376	0.396	-5.3	75	0.00
42	S	2,4,6-Tribromophenol	0.207	0.204	1.4	69	0.00
43	C	2,4,6-Trichlorophenol	0.400	0.394	1.5	73	0.00
44		2,4,5-Trichlorophenol	0.400	0.408	-2.0	72	0.00
45	S	2-Fluorobiphenyl	1.462	1.437	1.7	75	0.00
46		1,1'-Biphenyl	1.560	1.557	0.2	74	0.00
47		2-Chloronaphthalene	1.155	1.142	1.1	73	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143221.D
Acq On : 23 Jul 2025 19:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 24 01:20:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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	0.362	0.386	-6.6	73	0.00
49		Acenaphthylene	1.935	1.893	2.2	72	0.00
50		Dimethylphthalate	1.304	1.313	-0.7	73	0.00
51		2,6-Dinitrotoluene	0.265	0.288	-8.7	73	0.00
52	C	Acenaphthene	1.144	1.148	-0.3	74	0.00
53		3-Nitroaniline	0.310	0.314	-1.3	70	0.00
54	P	2,4-Dinitrophenol	0.098	0.136	-38.8#	92	0.00
55		Dibenzofuran	1.698	1.661	2.2	72	0.00
56	P	4-Nitrophenol	0.232	0.238	-2.6	69	0.00
57		2,4-Dinitrotoluene	0.333	0.376	-12.9	75	0.00
58		Fluorene	1.274	1.254	1.6	73	0.00
59		2,3,4,6-Tetrachlorophenol	0.331	0.310	6.3	66	0.00
60		Diethylphthalate	1.289	1.299	-0.8	73	0.00
61		4-Chlorophenyl-phenylether	0.635	0.630	0.8	73	0.00
62		4-Nitroaniline	0.266	0.277	-4.1	70	0.00
63		Azobenzene	1.343	1.326	1.3	71	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	72	0.00
65		4,6-Dinitro-2-methylphenol	0.094	0.117	-24.5	86	0.00
66	c	n-Nitrosodiphenylamine	0.704	0.672	4.5	71	0.00
67		4-Bromophenyl-phenylether	0.238	0.232	2.5	73	0.00
68		Hexachlorobenzene	0.249	0.242	2.8	72	0.00
69		Atrazine	0.194	0.207	-6.7	76	0.00
70	C	Pentachlorophenol	0.147	0.149	-1.4	72	0.00
71		Phenanthrene	1.062	1.037	2.4	73	0.00
72		Anthracene	1.083	1.044	3.6	72	0.00
73		Carbazole	0.946	0.929	1.8	72	0.00
74		Di-n-butylphthalate	1.070	1.155	-7.9	77	0.00
75	C	Fluoranthene	0.975	0.987	-1.2	74	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	81	0.00
77		Benzidine	0.771	0.782	-1.4	66	0.00
78		Pyrene	1.707	1.606	5.9	76	0.00
79	S	Terphenyl-d14	1.344	1.260	6.3	78	0.00
80		Butylbenzylphthalate	0.523	0.647	-23.7	96	0.00
81		Benzo(a)anthracene	1.339	1.334	0.4	84	0.00
82		3,3'-Dichlorobenzidine	0.446	0.442	0.9	83	0.00
83		Chrysene	1.204	1.132	6.0	76	0.00
84		Bis(2-ethylhexyl)phthalate	0.791	0.884	-11.8	91	0.00
85	c	Di-n-octyl phthalate	1.434	1.462	-2.0	86	0.00
86	I	Perylene-d12	1.000	1.000	0.0	81	0.00
87		Indeno(1,2,3-cd)pyrene	1.410	1.398	0.9	80	0.00
88		Benzo(b)fluoranthene	1.222	1.276	-4.4	90	0.00
89		Benzo(k)fluoranthene	1.090	1.000	8.3	71	0.00
90	C	Benzo(a)pyrene	1.126	1.111	1.3	80	0.00
91		Dibenzo(a,h)anthracene	1.148	1.145	0.3	80	0.00
92		Benzo(g,h,i)perylene	1.110	1.124	-1.3	82	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143221.D
Acq On : 23 Jul 2025 19:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 24 01:20:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143221.D
Acq On : 23 Jul 2025 19:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 24 01:20:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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	73	0.00
2		1,4-Dioxane	40.000	36.945	7.6	67	-0.02
3		Pyridine	40.000	36.936	7.7	68	-0.01
4		n-Nitrosodimethylamine	40.000	37.804	5.5	68	-0.02
5	S	2-Fluorophenol	80.000	74.933	6.3	70	0.00
6		Aniline	40.000	36.553	8.6	67	0.00
7	S	Phenol-d6	80.000	74.643	6.7	69	0.00
8		2-Chlorophenol	40.000	38.262	4.3	70	0.00
9		Benzaldehyde	40.000	34.958	12.6	53	0.00
10	C	Phenol	40.000	38.903	2.7	72	0.00
11		bis(2-Chloroethyl)ether	40.000	37.530	6.2	70	0.00
12		1,3-Dichlorobenzene	40.000	38.273	4.3	72	0.00
13	C	1,4-Dichlorobenzene	40.000	38.864	2.8	72	0.00
14		1,2-Dichlorobenzene	40.000	38.432	3.9	72	0.00
15		Benzyl Alcohol	40.000	38.601	3.5	70	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	37.792	5.5	70	0.00
17		2-Methylphenol	40.000	38.491	3.8	71	0.00
18		Hexachloroethane	40.000	40.244	-0.6	74	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	37.020	7.4	70	0.00
20		3+4-Methylphenols	40.000	38.309	4.2	70	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	71	0.00
22		Acetophenone	40.000	38.203	4.5	71	0.00
23	S	Nitrobenzene-d5	80.000	81.218	-1.5	73	0.00
24		Nitrobenzene	40.000	39.826	0.4	71	0.00
25		Isophorone	40.000	38.556	3.6	70	0.00
26	C	2-Nitrophenol	40.000	45.287	-13.2	76	0.00
27		2,4-Dimethylphenol	40.000	38.857	2.9	71	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.544	3.6	71	0.00
29	C	2,4-Dichlorophenol	40.000	39.769	0.6	72	0.00
30		1,2,4-Trichlorobenzene	40.000	39.506	1.2	72	0.00
31		Naphthalene	40.000	39.367	1.6	73	0.00
32		Benzoic acid	40.000	42.633	-6.6	78	0.00
33		4-Chloroaniline	40.000	37.678	5.8	69	0.00
34	C	Hexachlorobutadiene	40.000	40.216	-0.5	73	0.00
35		Caprolactam	40.000	41.239	-3.1	71	-0.01
36	C	4-Chloro-3-methylphenol	40.000	39.279	1.8	71	0.00
37		2-Methylnaphthalene	40.000	39.000	2.5	72	0.00
38		1-Methylnaphthalene	40.000	39.512	1.2	73	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	71	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	39.918	0.2	74	0.00
41	P	Hexachlorocyclopentadiene	40.000	42.201	-5.5	75	0.00
42	S	2,4,6-Tribromophenol	80.000	79.071	1.2	69	0.00
43	C	2,4,6-Trichlorophenol	40.000	39.390	1.5	73	0.00
44		2,4,5-Trichlorophenol	40.000	40.875	-2.2	72	0.00
45	S	2-Fluorobiphenyl	80.000	78.638	1.7	75	0.00
46		1,1'-Biphenyl	40.000	39.925	0.2	74	0.00
47		2-Chloronaphthalene	40.000	39.574	1.1	73	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143221.D
Acq On : 23 Jul 2025 19:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 24 01:20:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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	42.672	-6.7	73	0.00
49		Acenaphthylene	40.000	39.131	2.2	72	0.00
50		Dimethylphthalate	40.000	40.296	-0.7	73	0.00
51		2,6-Dinitrotoluene	40.000	43.380	-8.5	73	0.00
52	C	Acenaphthene	40.000	40.152	-0.4	74	0.00
53		3-Nitroaniline	40.000	40.486	-1.2	70	0.00
54	P	2,4-Dinitrophenol	40.000	48.021	-20.1	92	0.00
55		Dibenzofuran	40.000	39.131	2.2	72	0.00
56	P	4-Nitrophenol	40.000	41.078	-2.7	69	0.00
57		2,4-Dinitrotoluene	40.000	45.245	-13.1	75	0.00
58		Fluorene	40.000	39.375	1.6	73	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	37.408	6.5	66	0.00
60		Diethylphthalate	40.000	40.338	-0.8	73	0.00
61		4-Chlorophenyl-phenylether	40.000	39.732	0.7	73	0.00
62		4-Nitroaniline	40.000	41.742	-4.4	70	0.00
63		Azobenzene	40.000	39.494	1.3	71	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	72	0.00
65		4,6-Dinitro-2-methylphenol	40.000	45.161	-12.9	86	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.172	4.6	71	0.00
67		4-Bromophenyl-phenylether	40.000	38.872	2.8	73	0.00
68		Hexachlorobenzene	40.000	38.896	2.8	72	0.00
69		Atrazine	40.000	42.677	-6.7	76	0.00
70	C	Pentachlorophenol	40.000	40.704	-1.8	72	0.00
71		Phenanthrene	40.000	39.073	2.3	73	0.00
72		Anthracene	40.000	38.563	3.6	72	0.00
73		Carbazole	40.000	39.296	1.8	72	0.00
74		Di-n-butylphthalate	40.000	43.168	-7.9	77	0.00
75	C	Fluoranthene	40.000	40.515	-1.3	74	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	81	0.00
77		Benzidine	40.000	40.589	-1.5	66	0.00
78		Pyrene	40.000	37.639	5.9	76	0.00
79	S	Terphenyl-d14	80.000	75.002	6.2	78	0.00
80		Butylbenzylphthalate	40.000	49.505	-23.8	96	0.00
81		Benzo(a)anthracene	40.000	39.837	0.4	84	0.00
82		3,3'-Dichlorobenzidine	40.000	39.606	1.0	83	0.00
83		Chrysene	40.000	37.622	5.9	76	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	44.678	-11.7	91	0.00
85	c	Di-n-octyl phthalate	40.000	40.789	-2.0	86	0.00
86	I	Perylene-d12	20.000	20.000	0.0	81	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	39.648	0.9	80	0.00
88		Benzo(b)fluoranthene	40.000	41.763	-4.4	90	0.00
89		Benzo(k)fluoranthene	40.000	36.673	8.3	71	0.00
90	C	Benzo(a)pyrene	40.000	39.494	1.3	80	0.00
91		Dibenzo(a,h)anthracene	40.000	39.899	0.3	80	0.00
92		Benzo(g,h,i)perylene	40.000	40.478	-1.2	82	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143221.D
Acq On : 23 Jul 2025 19:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 24 01:20:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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

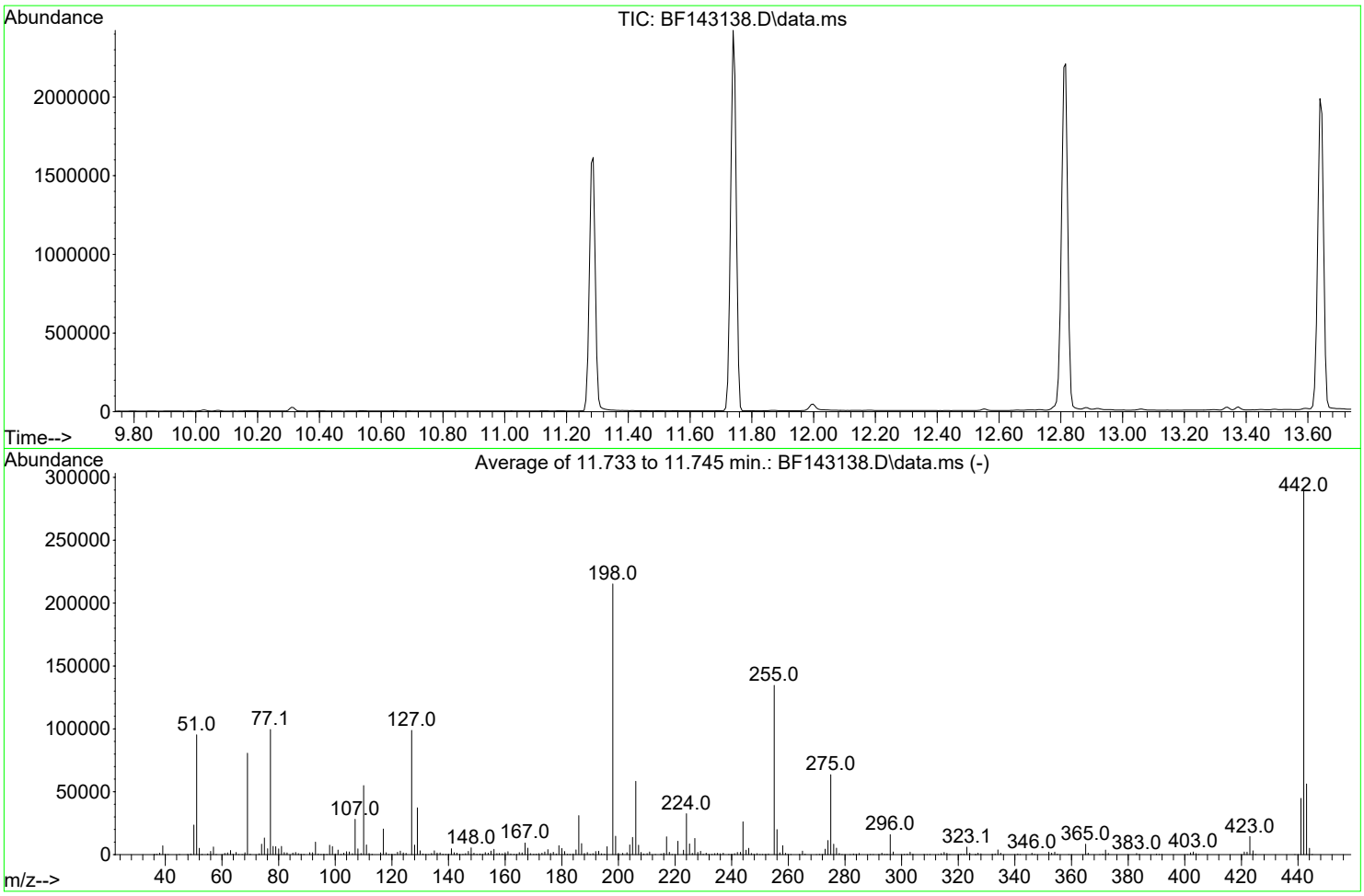
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143138.D
Acq On : 17 Jul 2025 09:58
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-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 17 15:14:05 2025



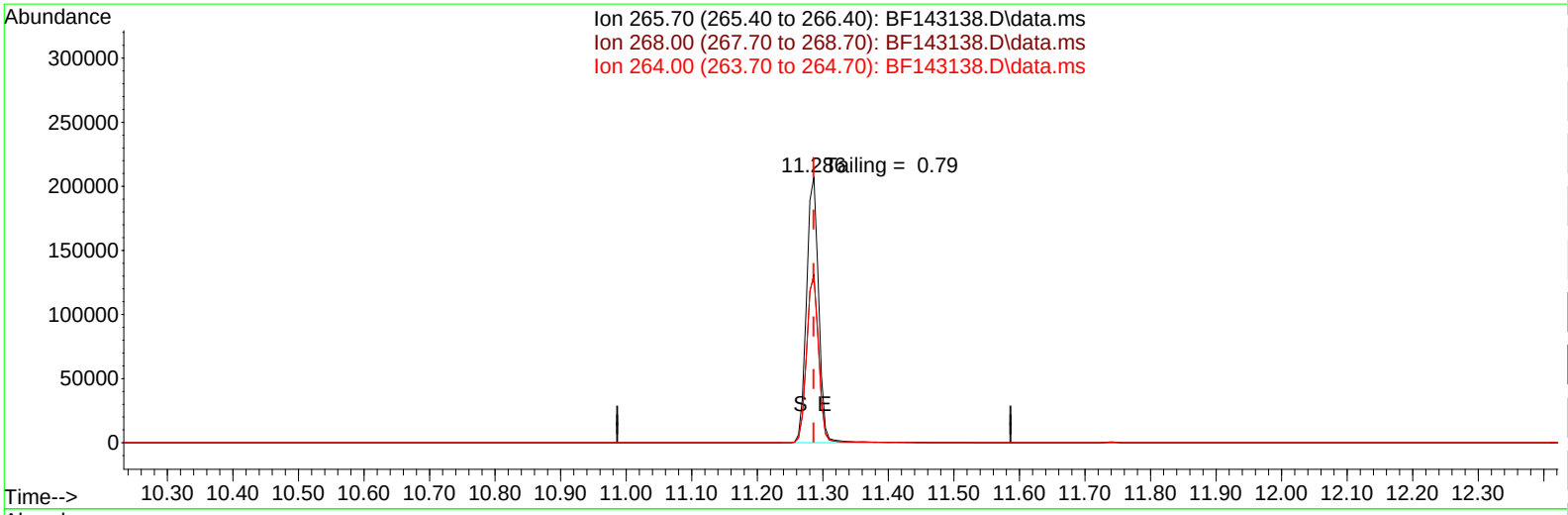
AutoFind: Scans 1622, 1623, 1624; Background Corrected with Scan 1616

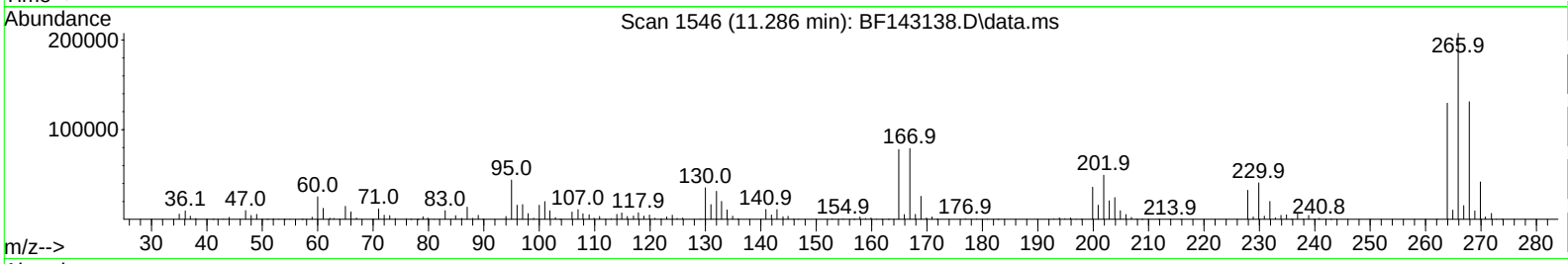
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.9	1515	PASS
69	69	100	100	100.0	80680	PASS
70	69	0.00	2	0.5	430	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	215296	PASS
199	198	5	9	6.8	14617	PASS
365	198	1	100	3.8	8287	PASS
441	443	0.01	150	79.6	44723	PASS
442	442	100	100	100.0	288853	PASS
443	442	15	24	19.5	56203	PASS

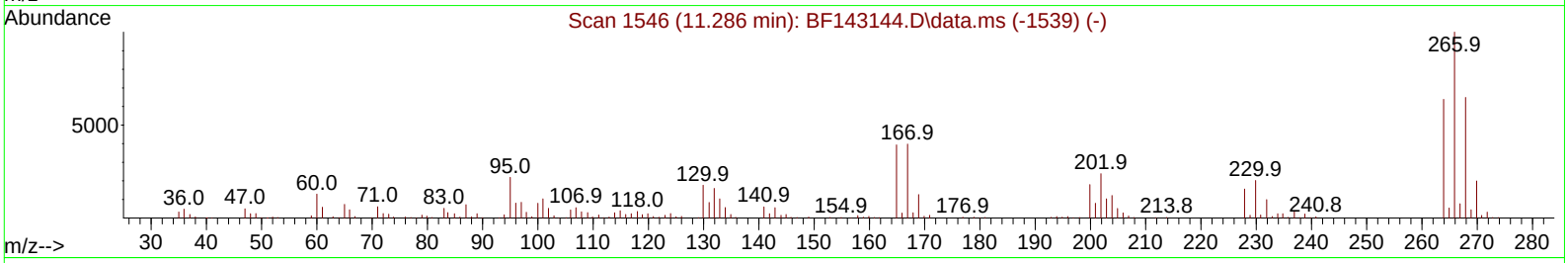
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143138.D
Acq On : 17 Jul 2025 09:58
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 17 16:32:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration







TIC: BF143138.D\data.ms

(70) Pentachlorophenol (C)

11.286min (+ 0.000) 29509.64 ng

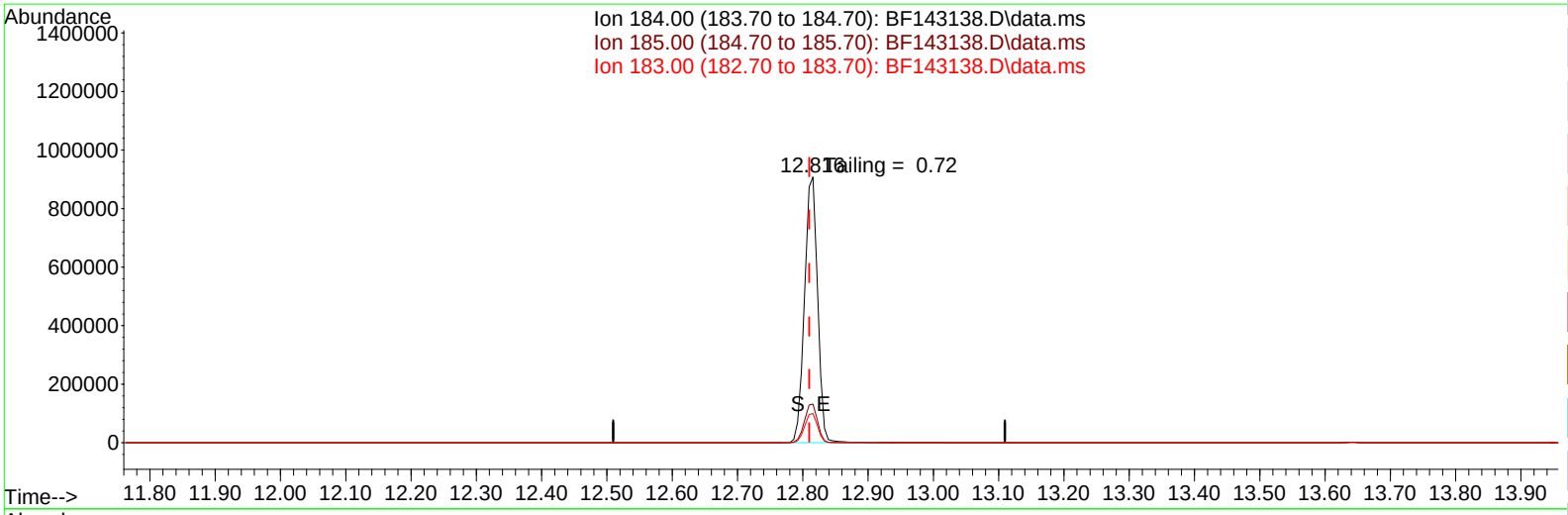
response 268044

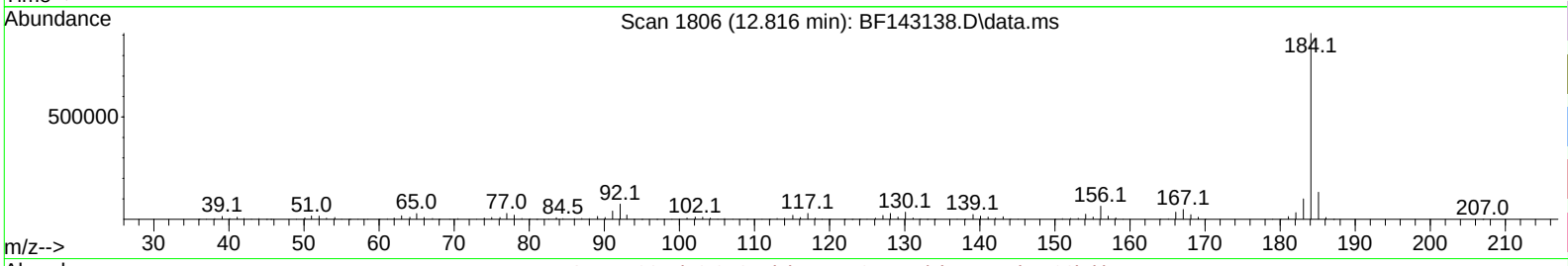
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.90	63.24
264.00	63.80	62.50
0.00	0.00	0.00

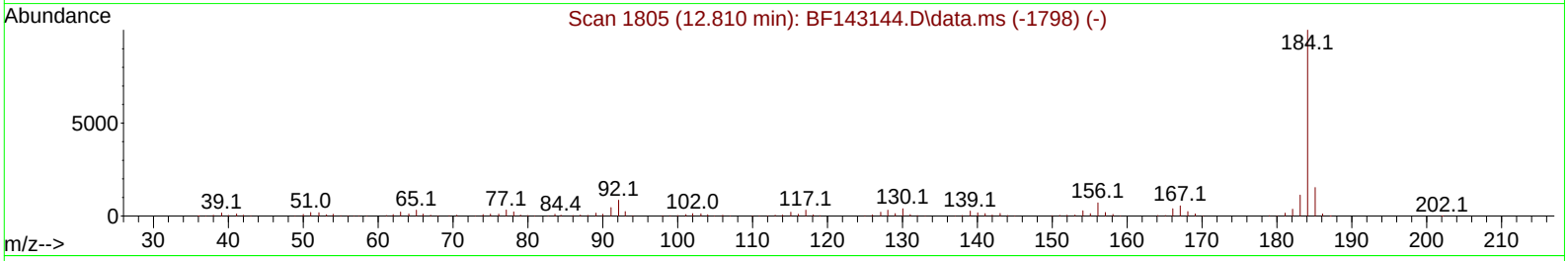
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143138.D
Acq On : 17 Jul 2025 09:58
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 17 16:32:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration







TIC: BF143138.D\data.ms

(77) Benzidine

12.816min (+ 0.006) 0.00 ng

response 1266864

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.30	14.57
183.00	11.20	10.98
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown

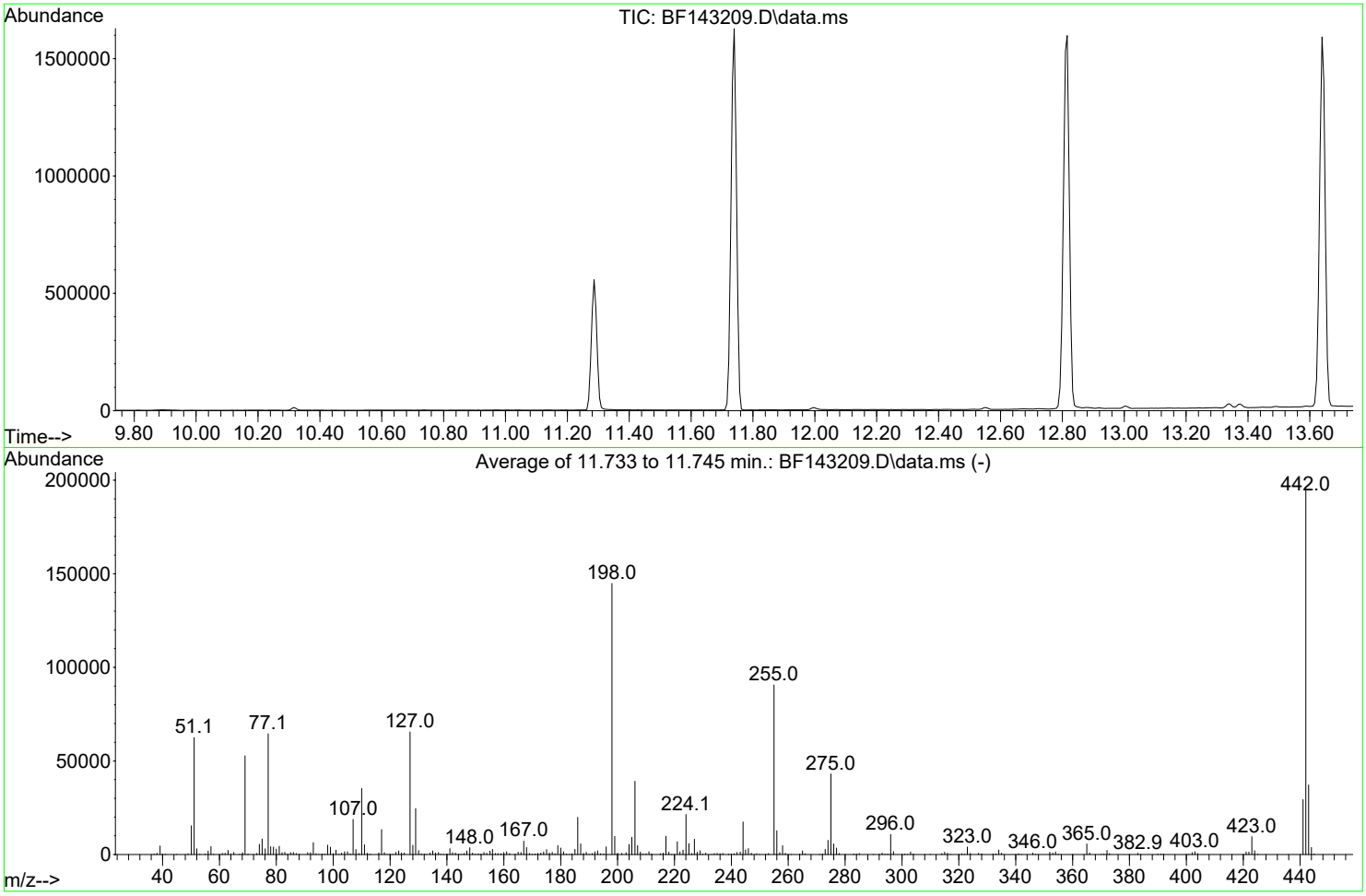
Date	Instrument Name	DFTPP Data File
7/17/2025	BNA_F	BF143138.D
Compound Name	**Response**	**Retention Time**
DDT	490244	13.639
DDD	9488	13.339
DDE	328	13.004
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
9816	500060	1.96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143209.D
Acq On : 23 Jul 2025 13:34
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 17 15:14:05 2025



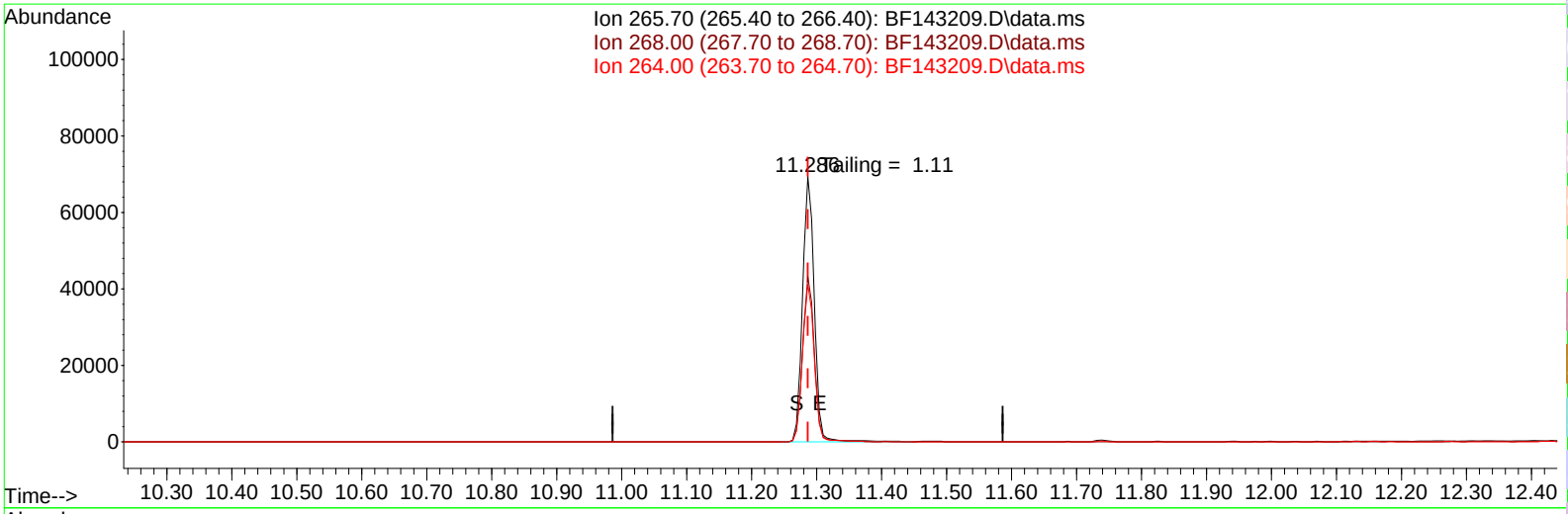
AutoFind: Scans 1622, 1623, 1624; Background Corrected with Scan 1615

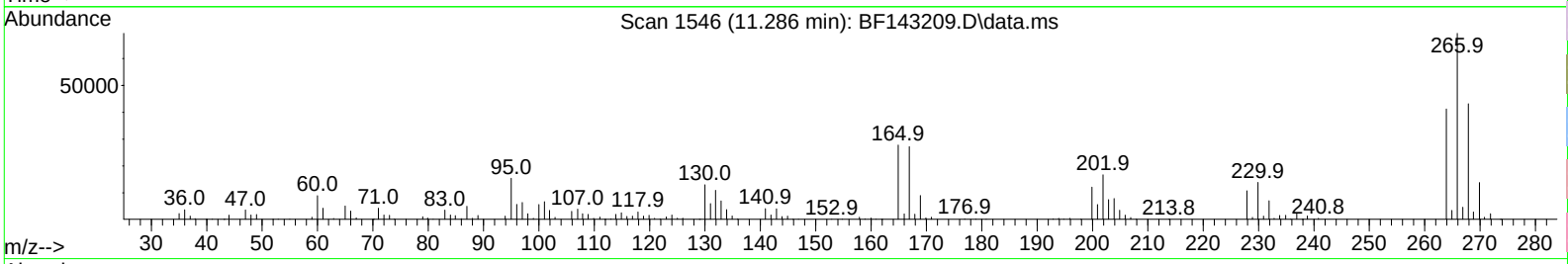
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.9	1017	PASS
69	69	100	100	100.0	52688	PASS
70	69	0.00	2	0.6	323	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	144864	PASS
199	198	5	9	6.7	9687	PASS
365	198	1	100	3.9	5697	PASS
441	443	0.01	150	78.8	29299	PASS
442	442	100	100	100.0	194453	PASS
443	442	15	24	19.1	37184	PASS

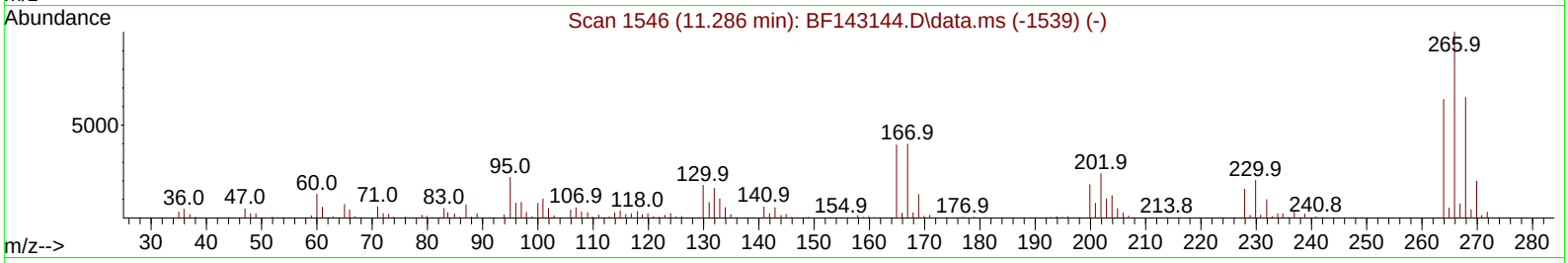
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143209.D
Acq On : 23 Jul 2025 13:34
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 23 15:17:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration







TIC: BF143209.D\data.ms

(70) Pentachlorophenol (C)

11.286min (+ 0.000) 14501.34 ng

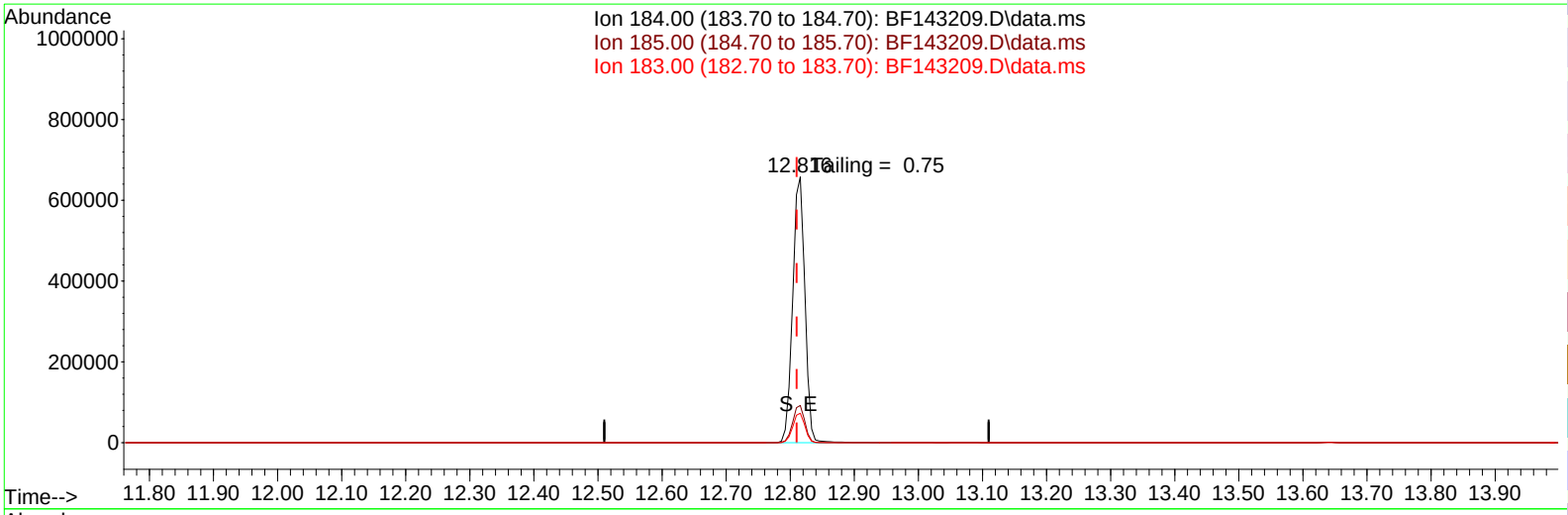
response 87636

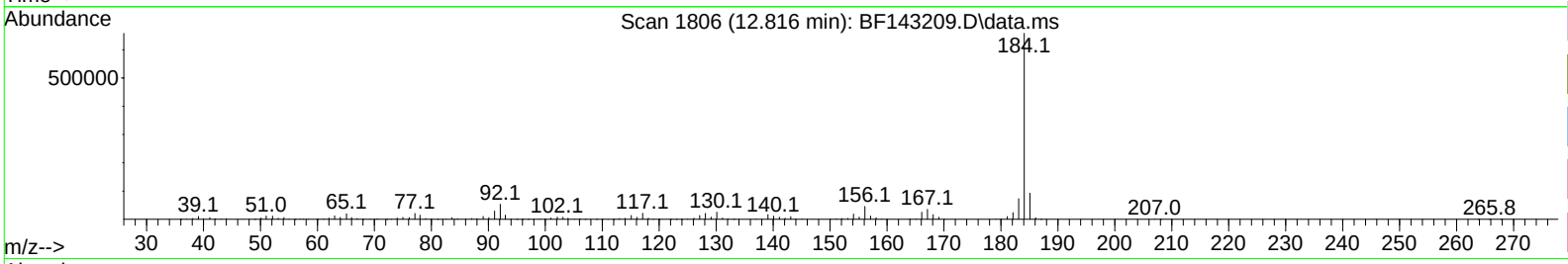
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.90	62.26
264.00	63.80	59.46
0.00	0.00	0.00

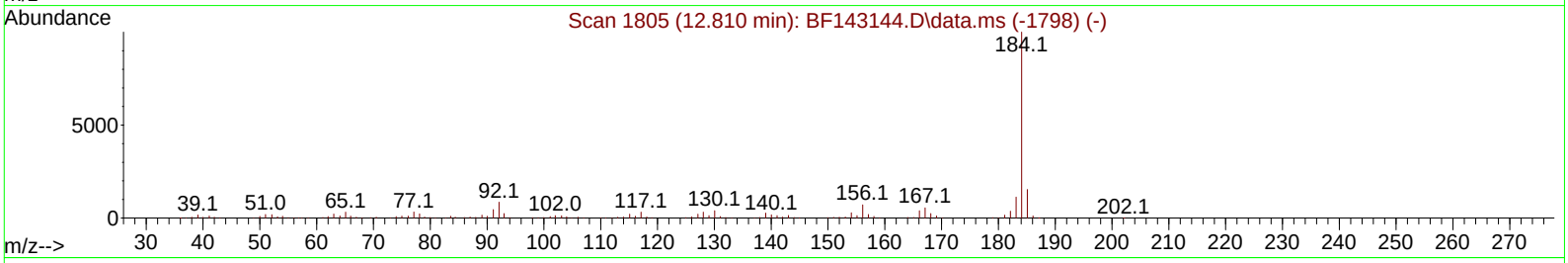
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143209.D
Acq On : 23 Jul 2025 13:34
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 23 15:17:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration







TIC: BF143209.D\data.ms

(77) Benzidine

12.816min (+ 0.006) 0.00 ng

response 876486

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.30	14.03
183.00	11.20	11.13
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/23/2025	BNA_F	BF143209.D
Compound Name	**Response**	**Retention Time**
DDT	391883	13.639
DDD	8780	13.339
DDE	2192	13.004
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
10972	402855	2.72

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	PB168948BL	SDG No.:	Q2645
Lab Sample ID:	PB168948BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143214.D	1	07/22/25 10:05	07/23/25 16:30	PB168948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	270	U	160	270	330	ug/Kg
108-95-2	Phenol	130	U	22.1	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	130	U	24.3	130	170	ug/Kg
95-57-8	2-Chlorophenol	130	U	24.4	130	170	ug/Kg
95-48-7	2-Methylphenol	130	U	29.9	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	37.5	130	170	ug/Kg
98-86-2	Acetophenone	130	U	29.5	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	270	U	41.1	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	79.9	U	47.4	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	130	U	17.6	130	170	ug/Kg
98-95-3	Nitrobenzene	130	U	18.3	130	170	ug/Kg
78-59-1	Isophorone	130	U	32.8	130	170	ug/Kg
88-75-5	2-Nitrophenol	130	U	58.1	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	64.7	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	130	U	30.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	130	U	28.3	130	170	ug/Kg
91-20-3	Naphthalene	130	U	22.7	130	170	ug/Kg
106-47-8	4-Chloroaniline	130	U	35.4	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	25.3	130	170	ug/Kg
105-60-2	Caprolactam	270	U	52.0	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	130	U	28.7	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	130	U	25.6	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	270	U	120	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	U	19.8	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	U	29.1	130	170	ug/Kg
92-52-4	1,1-Biphenyl	130	U	21.8	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	22.5	130	170	ug/Kg
88-74-4	2-Nitroaniline	130	U	48.1	130	170	ug/Kg
131-11-3	Dimethylphthalate	130	U	27.1	130	170	ug/Kg

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	PB168948BL	SDG No.:	Q2645
Lab Sample ID:	PB168948BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143214.D	1	07/22/25 10:05	07/23/25 16:30	PB168948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	130	U	28.9	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	U	33.6	130	170	ug/Kg
99-09-2	3-Nitroaniline	130	U	46.0	130	170	ug/Kg
83-32-9	Acenaphthene	130	U	21.3	130	170	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	230	270	330	ug/Kg
100-02-7	4-Nitrophenol	270	U	110	270	330	ug/Kg
132-64-9	Dibenzofuran	130	U	22.7	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	U	50.0	130	170	ug/Kg
84-66-2	Diethylphthalate	130	U	28.3	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	130	U	26.7	130	170	ug/Kg
86-73-7	Fluorene	130	U	25.3	130	170	ug/Kg
100-01-6	4-Nitroaniline	130	U	64.1	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	270	U	100	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	130	U	32.9	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	27.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	130	U	25.3	130	170	ug/Kg
1912-24-9	Atrazine	130	U	34.0	130	170	ug/Kg
87-86-5	Pentachlorophenol	270	U	51.2	270	330	ug/Kg
85-01-8	Phenanthrene	130	U	20.9	130	170	ug/Kg
120-12-7	Anthracene	130	U	33.3	130	170	ug/Kg
86-74-8	Carbazole	130	U	31.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	47.9	130	170	ug/Kg
206-44-0	Fluoranthene	130	U	30.0	130	170	ug/Kg
129-00-0	Pyrene	130	U	36.0	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	71.3	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	270	U	36.7	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	130	U	23.0	130	170	ug/Kg
218-01-9	Chrysene	130	U	19.9	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	59.1	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	270	U	86.7	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	U	19.0	130	170	ug/Kg

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	PB168948BL	SDG No.:	Q2645
Lab Sample ID:	PB168948BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143214.D	1	07/22/25 10:05	07/23/25 16:30	PB168948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	130	U	22.4	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	130	U	29.5	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	U	29.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	27.4	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	U	25.7	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	130	U	25.6	130	170	ug/Kg
123-91-1	1,4-Dioxane	130	U	45.2	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	130	U	27.4	130	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	115		35 - 115		77%	SPK: 150
13127-88-3	Phenol-d6	116		34 - 127		77%	SPK: 150
4165-60-0	Nitrobenzene-d5	79.9		37 - 122		80%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.8		44 - 115		75%	SPK: 100
118-79-6	2,4,6-Tribromophenol	125		39 - 132		83%	SPK: 150
1718-51-0	Terphenyl-d14	80.0		54 - 127		80%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	131000	6.963				
1146-65-2	Naphthalene-d8	503000	8.239				
15067-26-2	Acenaphthene-d10	278000	9.998				
1517-22-2	Phenanthrene-d10	501000	11.486				
1719-03-5	Chrysene-d12	304000	14.121				
1520-96-3	Perylene-d12	276000	15.621				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	350	A			5.22	ug/Kg

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.			Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13			Date Received:	
Client Sample ID:	PB168948BL			SDG No.:	Q2645
Lab Sample ID:	PB168948BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143214.D	1	07/22/25 10:05	07/23/25 16:30	PB168948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143214.D
Acq On : 23 Jul 2025 16:30
Operator : RC/JU
Sample : PB168948BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168948BL

Quant Time: Jul 23 17:01:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

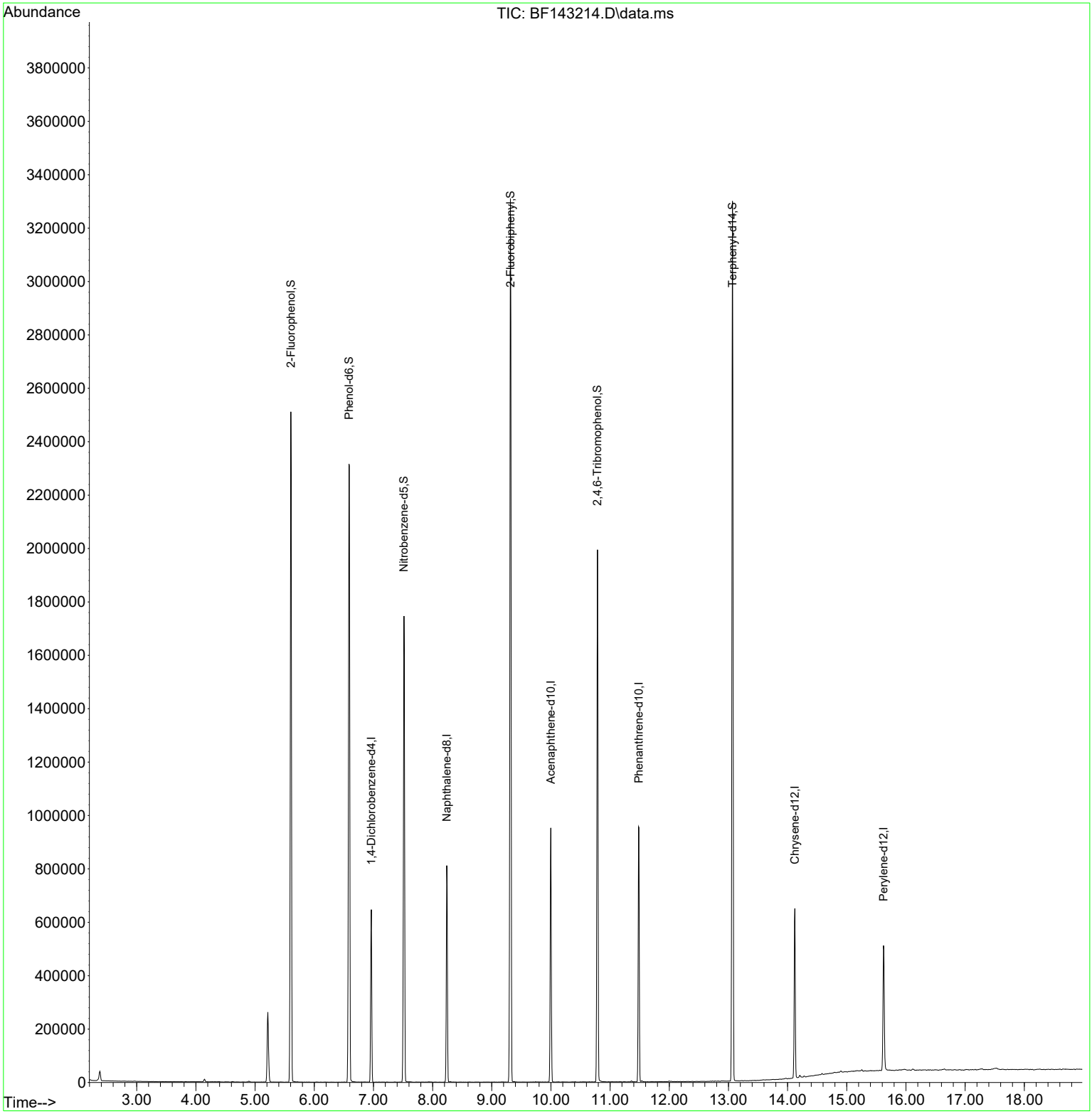
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	130534	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	502795	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	278326	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	500788	20.000	ng	0.00
76) Chrysene-d12	14.121	240	303819	20.000	ng	0.00
86) Perylene-d12	15.621	264	276240	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	950286	115.203	ng	0.02
7) Phenol-d6	6.586	99	1206637	116.217	ng	0.00
23) Nitrobenzene-d5	7.516	82	806060	79.913	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	358095	124.543	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1522826	74.828	ng	0.00
79) Terphenyl-d14	13.068	244	1633766	80.022	ng	0.00
Target Compounds						Qvalue

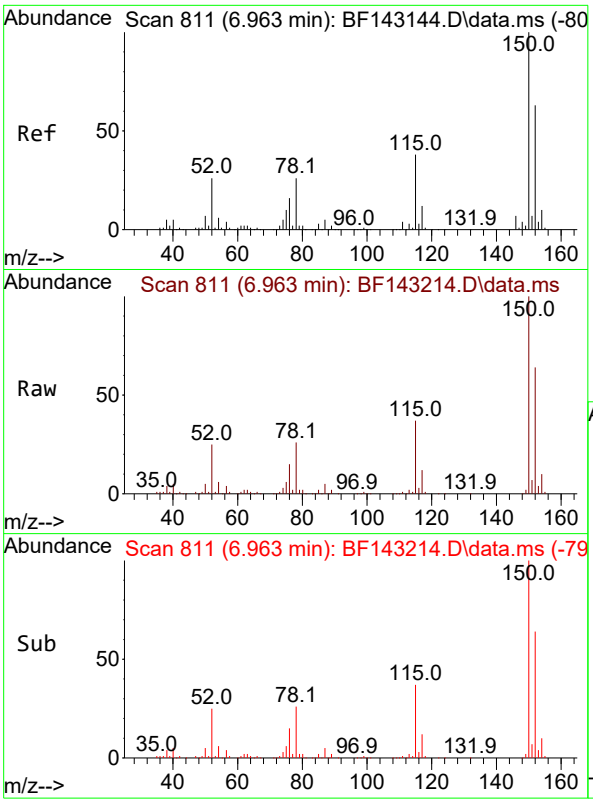
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143214.D
Acq On : 23 Jul 2025 16:30
Operator : RC/JU
Sample : PB168948BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168948BL

Quant Time: Jul 23 17:01:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



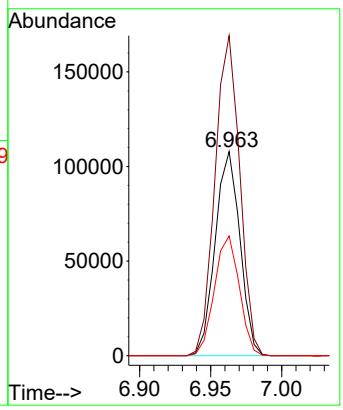


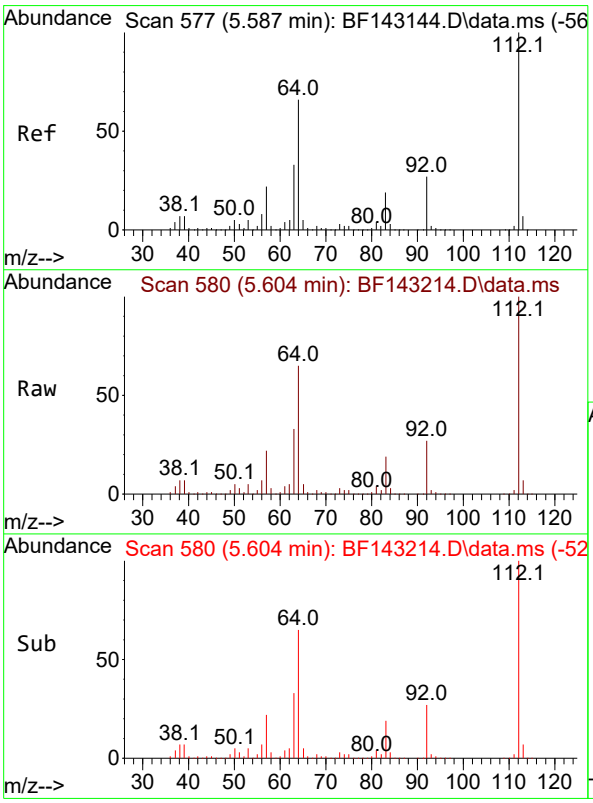
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143214.D
Acq: 23 Jul 2025 16:30

Instrument :
BNA_F
ClientSampleId :
PB168948BL

Tgt Ion:152 Resp: 130534

Ion	Ratio	Lower	Upper
152	100		
150	156.7	128.2	192.4
115	58.6	47.9	71.9

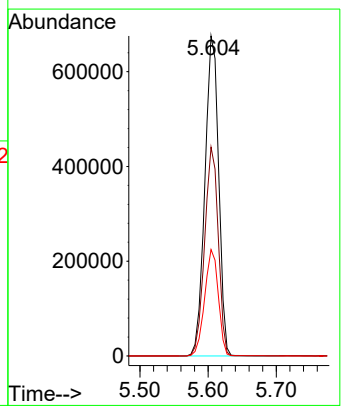


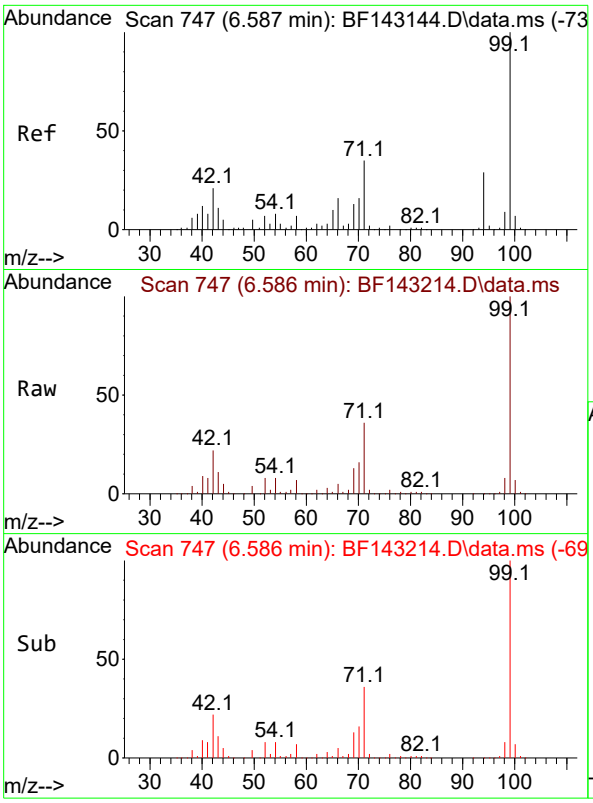


#5
2-Fluorophenol
Concen: 115.203 ng
RT: 5.604 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF143214.D
Acq: 23 Jul 2025 16:30

Tgt Ion:112 Resp: 950286

Ion	Ratio	Lower	Upper
112	100		
64	65.2	53.1	79.7
63	33.2	26.6	40.0



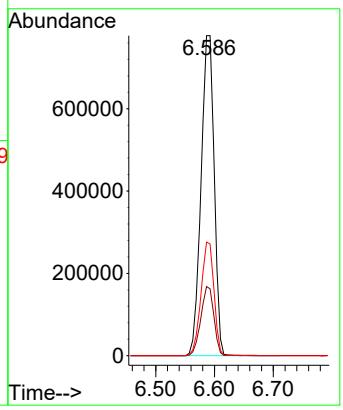


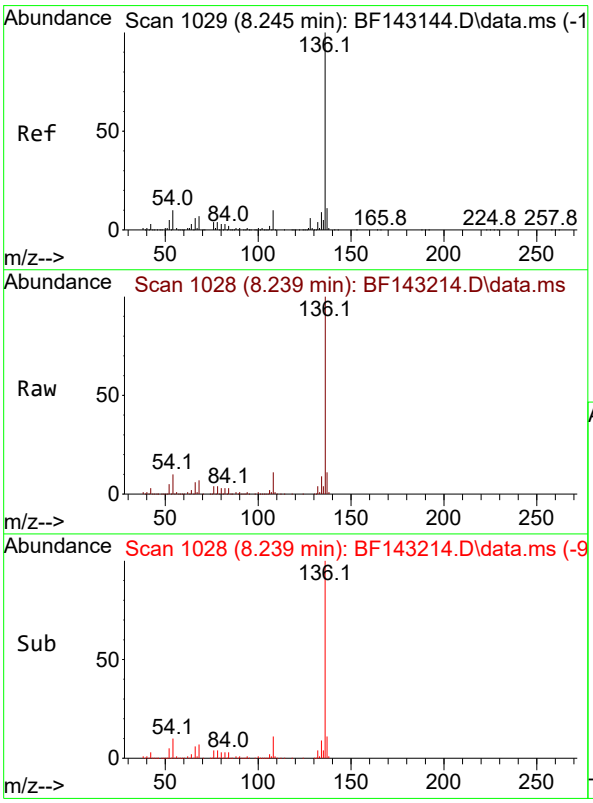
#7
Phenol-d6
Concen: 116.217 ng
RT: 6.586 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143214.D
Acq: 23 Jul 2025 16:30

Instrument :
BNA_F
ClientSampleId :
PB168948BL

Tgt Ion: 99 Resp: 1206637

Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.0	25.6
71	35.5	27.7	41.5

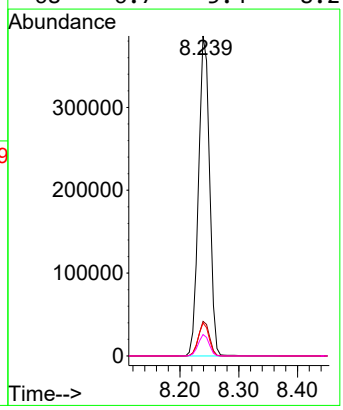


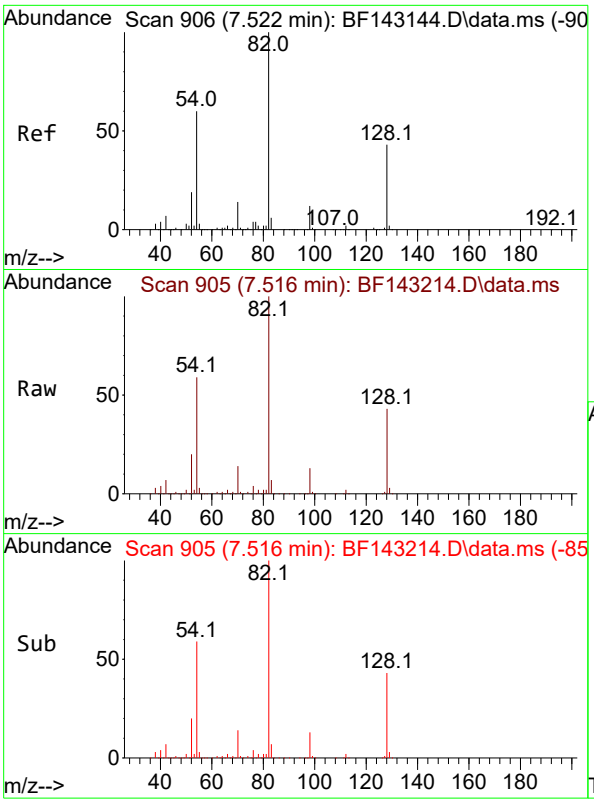


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143214.D
Acq: 23 Jul 2025 16:30

Tgt Ion:136 Resp: 502795

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	10.3	8.2	12.2
68	6.7	5.4	8.2



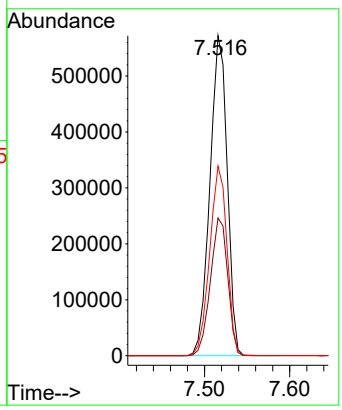


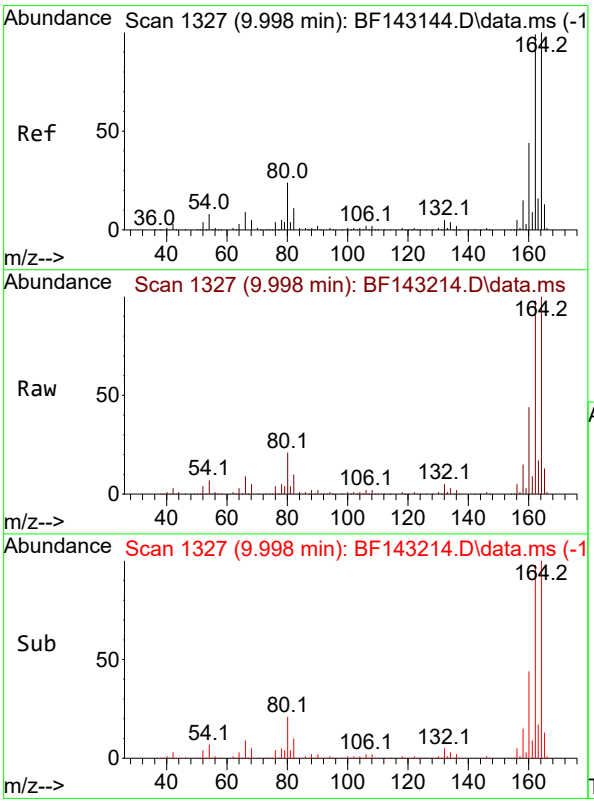
#23
Nitrobenzene-d5
Concen: 79.913 ng
RT: 7.516 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143214.D
Acq: 23 Jul 2025 16:30

Instrument :
BNA_F
ClientSampleId :
PB168948BL

Tgt Ion: 82 Resp: 806060

Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.6	50.4
54	59.2	47.1	70.7

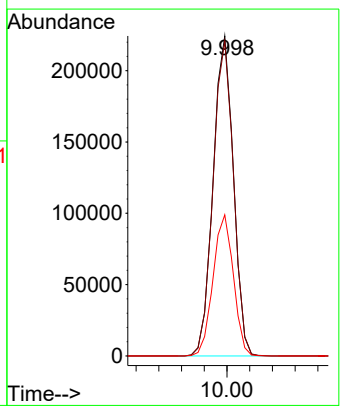


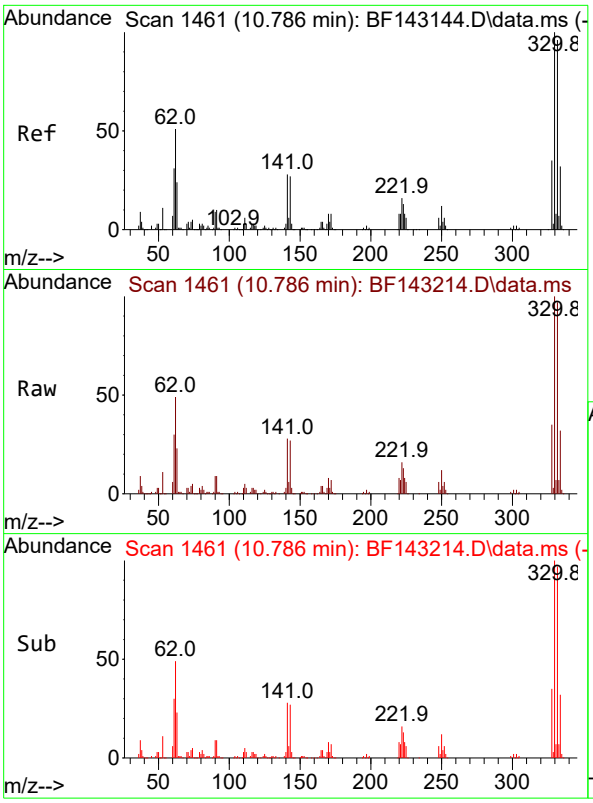


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF143214.D
Acq: 23 Jul 2025 16:30

Tgt Ion:164 Resp: 278326

Ion	Ratio	Lower	Upper
164	100		
162	98.3	79.0	118.6
160	44.1	35.1	52.7



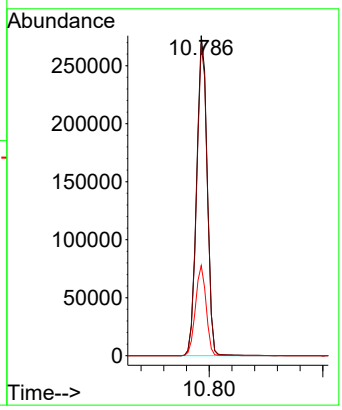


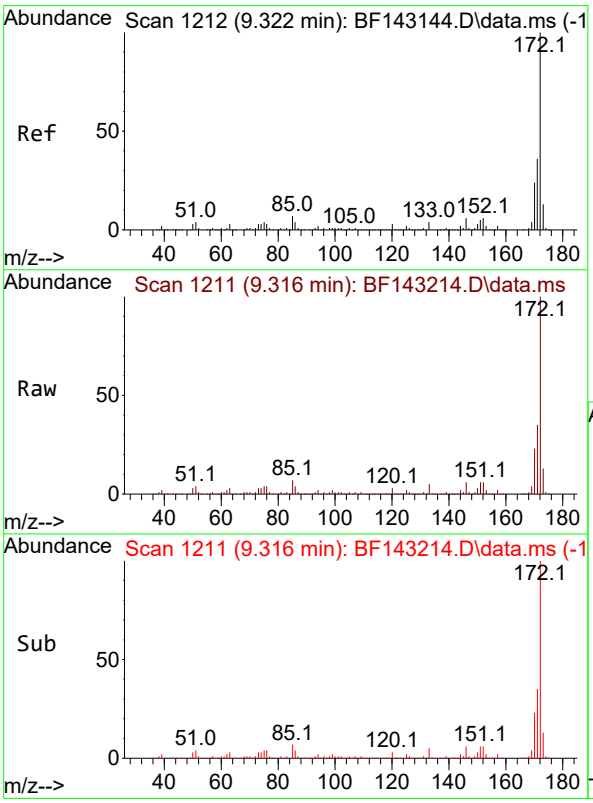
#42
2,4,6-Tribromophenol
Concen: 124.543 ng
RT: 10.786 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143214.D
Acq: 23 Jul 2025 16:30

Instrument :
BNA_F
ClientSampleId :
PB168948BL

Tgt Ion:330 Resp: 358095

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.7	115.1
141	28.4	23.3	34.9

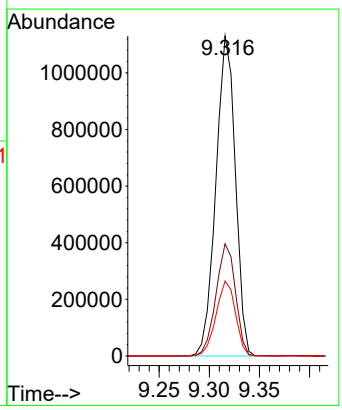


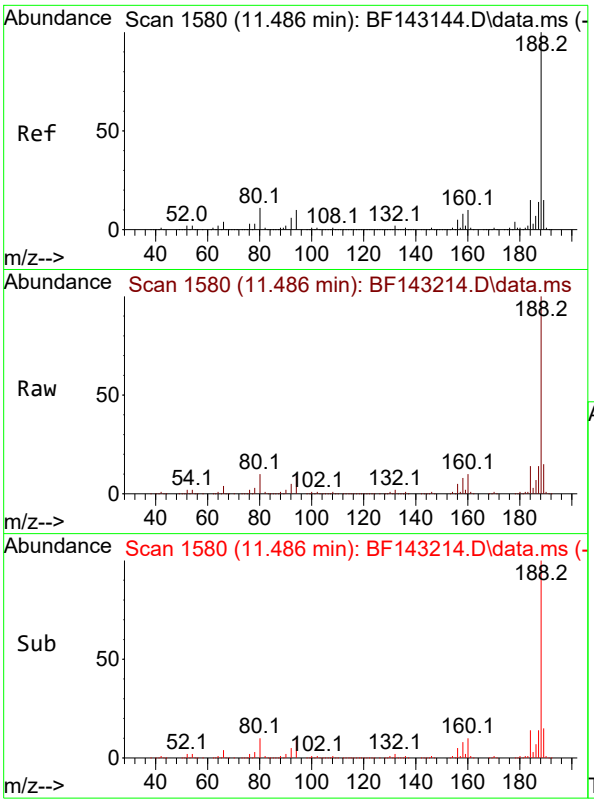


#45
2-Fluorobiphenyl
Concen: 74.828 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143214.D
Acq: 23 Jul 2025 16:30

Tgt Ion:172 Resp: 1522826

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	23.4	18.8	28.2



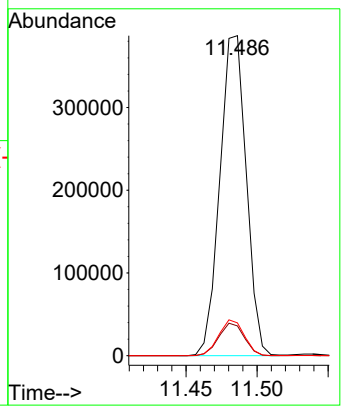


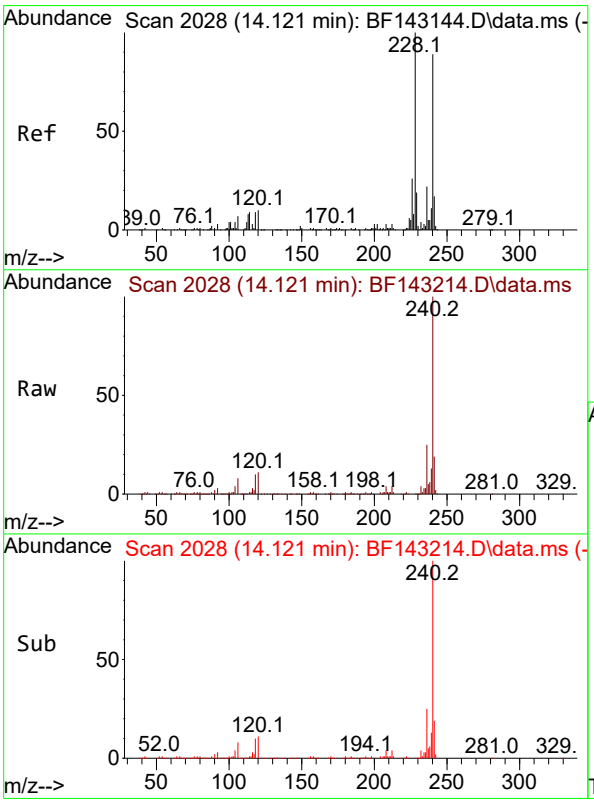
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143214.D
Acq: 23 Jul 2025 16:30

Instrument :
BNA_F
ClientSampleId :
PB168948BL

Tgt Ion:188 Resp: 500788

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.3	12.5
80	10.2	9.0	13.6

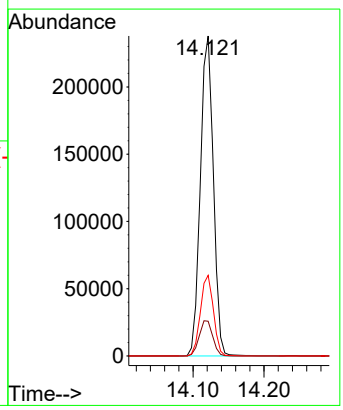


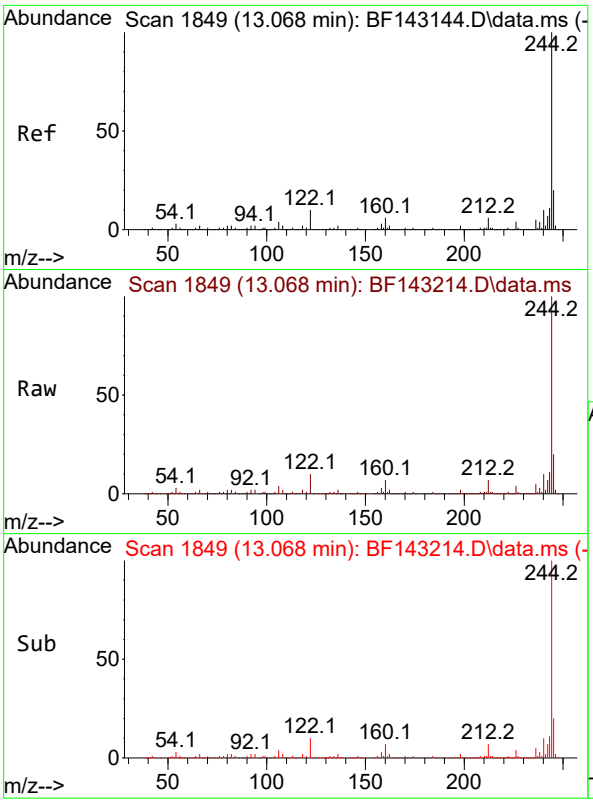


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143214.D
Acq: 23 Jul 2025 16:30

Tgt Ion:240 Resp: 303819

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.4	14.2
236	25.2	20.2	30.4



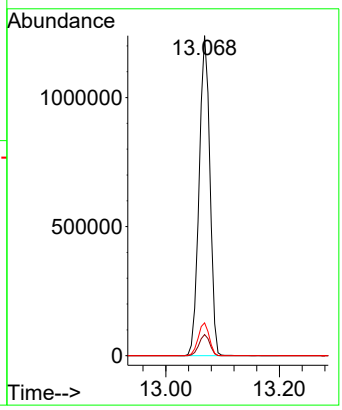


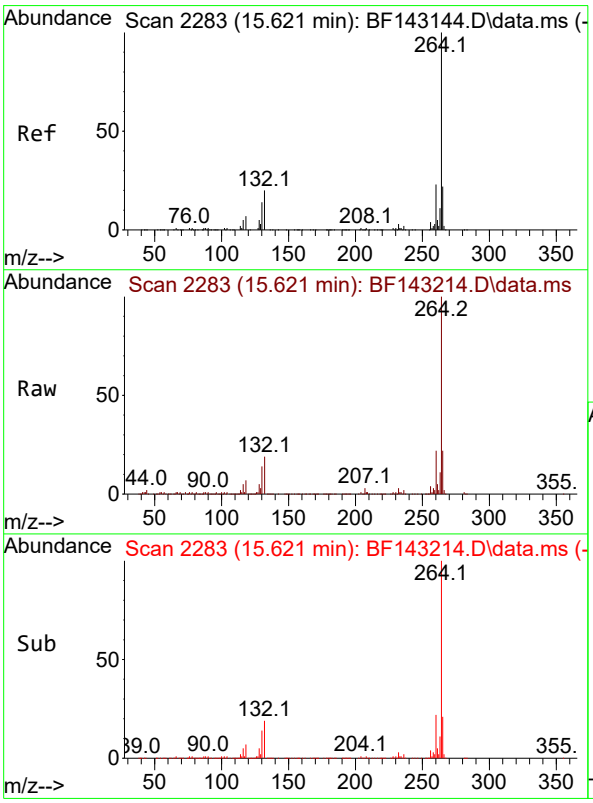
#79
Terphenyl-d14
Concen: 80.022 ng
RT: 13.068 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143214.D
Acq: 23 Jul 2025 16:30

Instrument :
BNA_F
ClientSampleId :
PB168948BL

Tgt Ion:244 Resp: 1633766

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	10.3	8.2	12.2

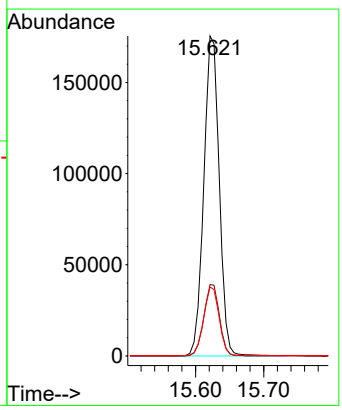




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BF143214.D
Acq: 23 Jul 2025 16:30

Tgt Ion:264 Resp: 276240

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.5	27.7
265	21.6	17.4	26.2



Sample Results: **BF143214.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143214.D
Acq On : 23 Jul 2025 16:30
Operator : RC/JU
Sample : PB168948BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168948BL

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-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143214.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.375	22	31	41	rVB	36068	66543	1.50%	0.244%
2	5.216	505	514	528	rVB	261838	415832	9.38%	1.527%
3	5.604	573	580	585	rBV	2510694	3505619	79.07%	12.870%
4	6.586	740	747	753	rBV	2315120	3584789	80.86%	13.161%
5	6.963	806	811	816	rVB	646111	788303	17.78%	2.894%
6	7.516	898	905	910	rBV	1745394	2463126	55.56%	9.043%
7	8.239	1022	1028	1034	rBV	810742	1045899	23.59%	3.840%
8	9.316	1204	1211	1216	rBV	3308290	4433489	100.00%	16.277%
9	9.998	1321	1327	1332	rBV	951567	1188934	26.82%	4.365%
10	10.786	1455	1461	1466	rBV	1993213	2596869	58.57%	9.534%
11	11.480	1574	1579	1585	rBV	955773	1241566	28.00%	4.558%
12	13.068	1843	1849	1854	rBV	3295312	4350135	98.12%	15.971%
13	14.121	2022	2028	2037	rBV	634782	817834	18.45%	3.003%
14	15.621	2277	2283	2294	rBV	468036	739146	16.67%	2.714%

Sum of corrected areas: 27238084

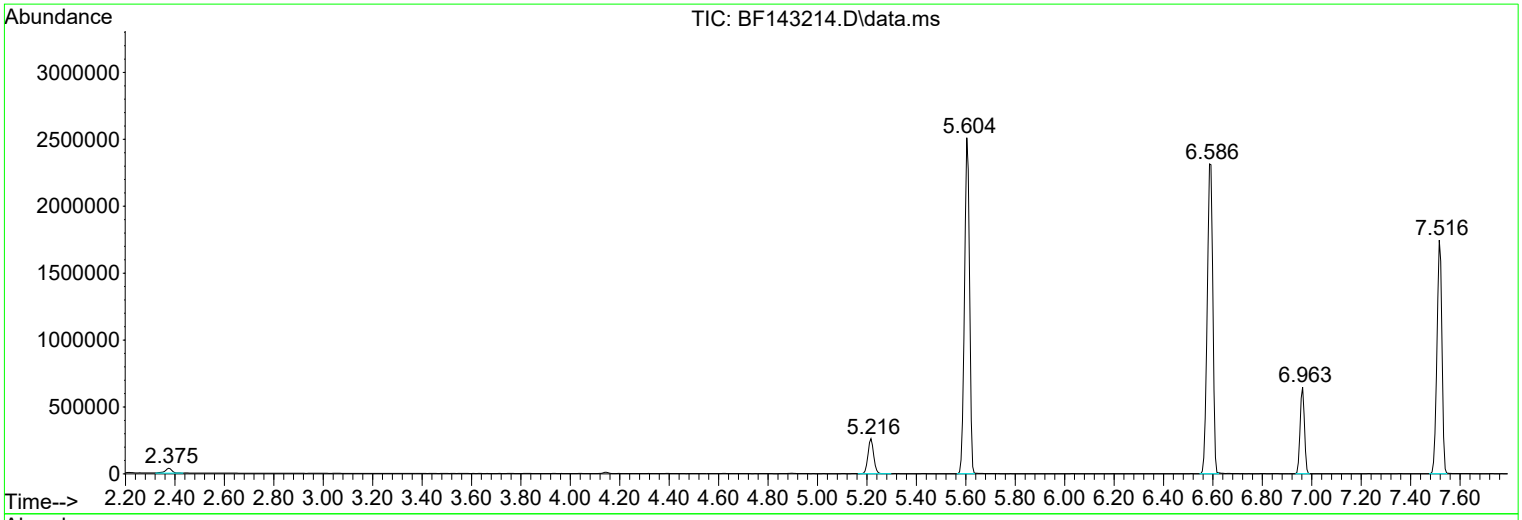
Sample Results: **BF143214.D**

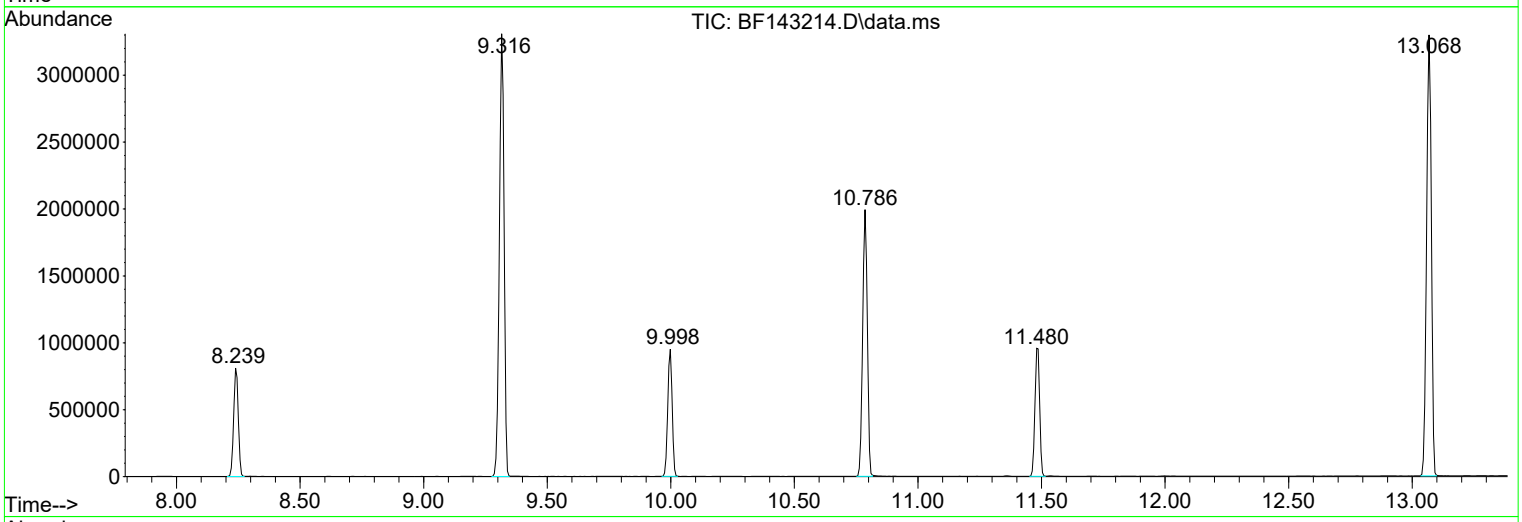
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143214.D
Acq On : 23 Jul 2025 16:30
Operator : RC/JU
Sample : PB168948BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

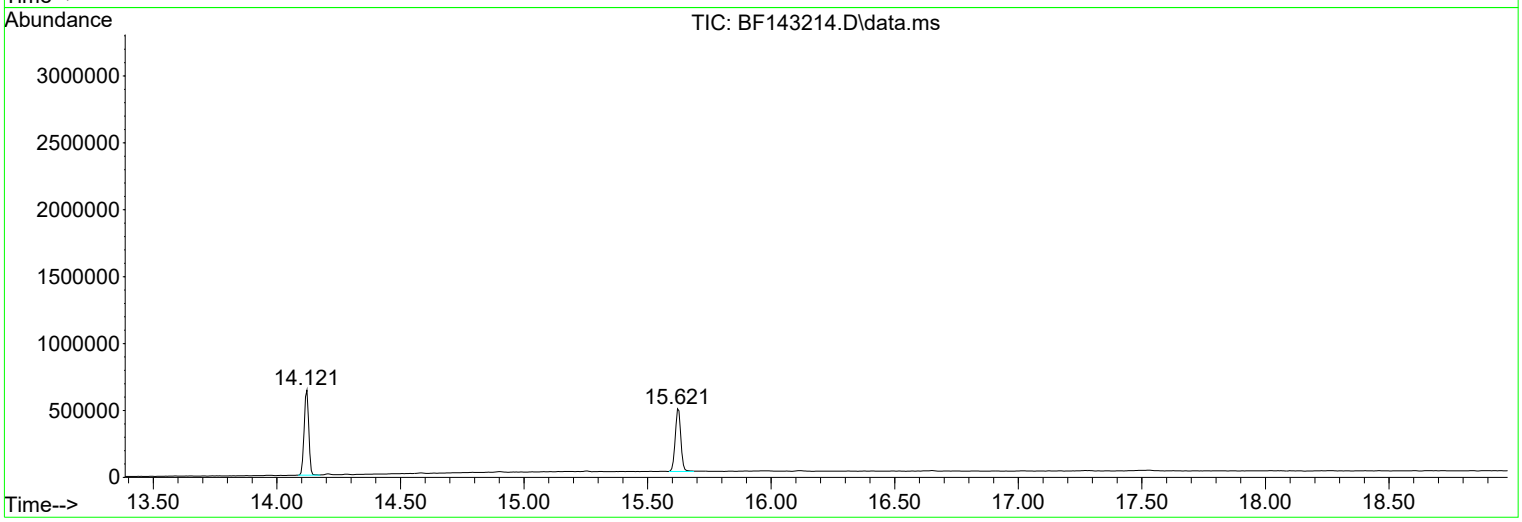
Instrument :
BNA_F
ClientSampleId :
PB168948BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.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\BF072325\
Data File : BF143214.D
Acq On : 23 Jul 2025 16:30
Operator : RC/JU
Sample : PB168948BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168948BL

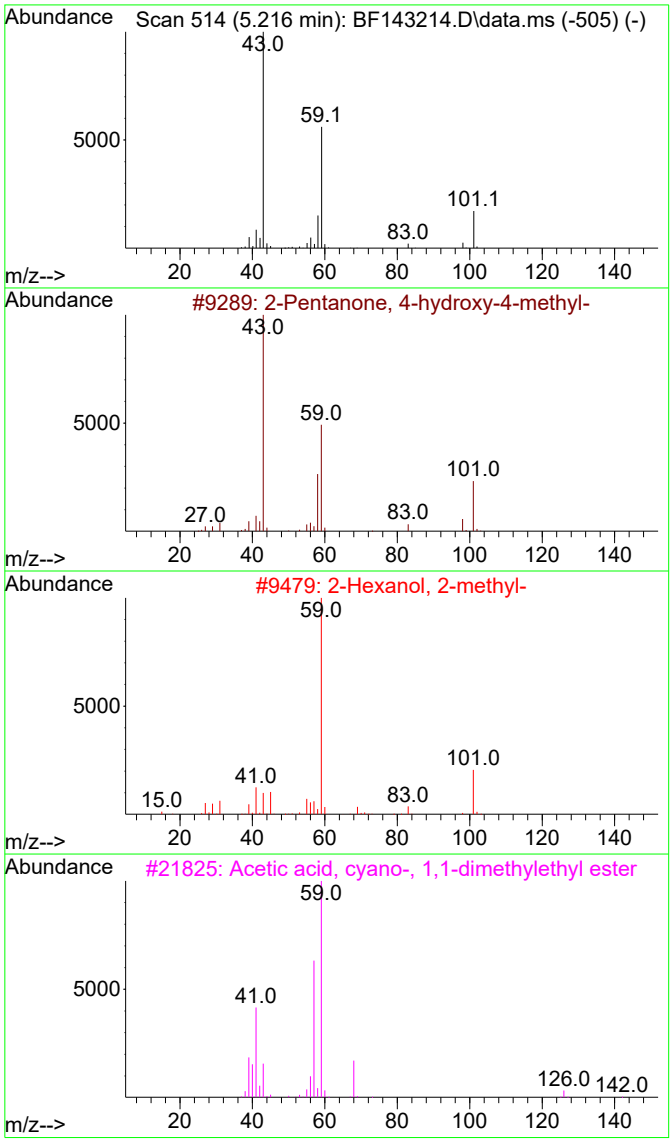
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

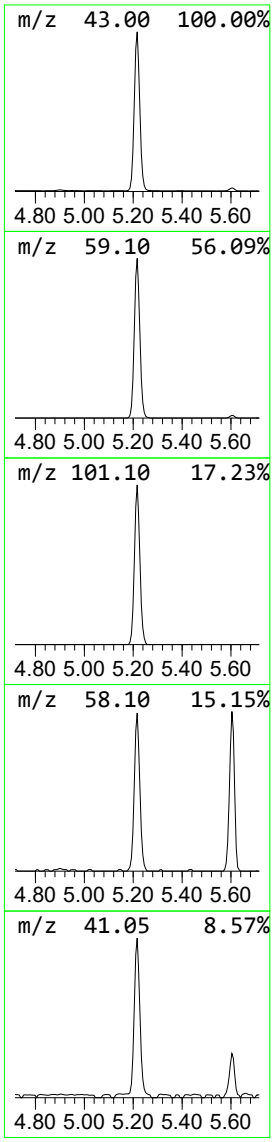
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.216	10.55 ng	415832	1,4-Dichlorobenzene-d4	6.963

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	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Ethanol, pentamethyl-	116	C7H16O	000594-83-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143214.D
Acq On : 23 Jul 2025 16:30
Operator : RC/JU
Sample : PB168948BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168948BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.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-...	5.216	10.6	ng	415832	1	6.963	788303	20.0

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	PB168948BS	SDG No.:	Q2645
Lab Sample ID:	PB168948BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143215.D	1	07/22/25 10:05	07/23/25 16:59	PB168948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	1100		160	270	330	ug/Kg
108-95-2	Phenol	1400		22.1	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		24.3	130	170	ug/Kg
95-57-8	2-Chlorophenol	1500		24.4	130	170	ug/Kg
95-48-7	2-Methylphenol	1500		29.9	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		37.5	130	170	ug/Kg
98-86-2	Acetophenone	1400		29.5	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		41.1	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		47.4	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		17.6	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		18.3	130	170	ug/Kg
78-59-1	Isophorone	1500		32.8	130	170	ug/Kg
88-75-5	2-Nitrophenol	1700		58.2	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		64.8	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		30.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		28.3	130	170	ug/Kg
91-20-3	Naphthalene	1500		22.7	130	170	ug/Kg
106-47-8	4-Chloroaniline	660		35.4	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		25.3	130	170	ug/Kg
105-60-2	Caprolactam	1700		52.1	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		28.7	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		25.6	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3100	E	120	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		19.8	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		29.1	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		21.8	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		22.5	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		48.1	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		27.1	130	170	ug/Kg

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	PB168948BS	SDG No.:	Q2645
Lab Sample ID:	PB168948BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143215.D	1	07/22/25 10:05	07/23/25 16:59	PB168948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1500		28.9	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		33.6	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		46.0	130	170	ug/Kg
83-32-9	Acenaphthene	1600		21.3	130	170	ug/Kg
51-28-5	2,4-Dinitrophenol	3700	E	230	270	330	ug/Kg
100-02-7	4-Nitrophenol	3100	E	110	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		22.7	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		50.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1600		28.3	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		26.7	130	170	ug/Kg
86-73-7	Fluorene	1500		25.3	130	170	ug/Kg
100-01-6	4-Nitroaniline	1700		64.2	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		100	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		32.9	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		27.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		25.3	130	170	ug/Kg
1912-24-9	Atrazine	1700		34.0	130	170	ug/Kg
87-86-5	Pentachlorophenol	2100		51.3	270	330	ug/Kg
85-01-8	Phenanthrene	1500		20.9	130	170	ug/Kg
120-12-7	Anthracene	1500		33.3	130	170	ug/Kg
86-74-8	Carbazole	1500		31.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		47.9	130	170	ug/Kg
206-44-0	Fluoranthene	1500		30.0	130	170	ug/Kg
129-00-0	Pyrene	1600		36.0	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	2000		71.4	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	840		36.7	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		23.0	130	170	ug/Kg
218-01-9	Chrysene	1500		19.9	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		59.2	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		86.7	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		19.0	130	170	ug/Kg

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	PB168948BS	SDG No.:	Q2645
Lab Sample ID:	PB168948BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143215.D	1	07/22/25 10:05	07/23/25 16:59	PB168948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1600		22.4	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1500		29.5	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		29.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		27.4	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		25.7	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		25.6	130	170	ug/Kg
123-91-1	1,4-Dioxane	1200		45.2	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400		27.4	130	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	116		35 - 115		77%	SPK: 150
13127-88-3	Phenol-d6	118		34 - 127		79%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.0		37 - 122		85%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.7		44 - 115		79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	131		39 - 132		87%	SPK: 150
1718-51-0	Terphenyl-d14	85.7		54 - 127		86%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	126000	6.963				
1146-65-2	Naphthalene-d8	493000	8.245				
15067-26-2	Acenaphthene-d10	260000	10.004				
1517-22-2	Phenanthrene-d10	435000	11.486				
1719-03-5	Chrysene-d12	244000	14.127				
1520-96-3	Perylene-d12	257000	15.627				

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\BF072325\
Data File : BF143215.D
Acq On : 23 Jul 2025 16:59
Operator : RC/JU
Sample : PB168948BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 23 17:24:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	126300	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	493438	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	259875	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	435477	20.000	ng		0.00
76) Chrysene-d12	14.127	240	244161	20.000	ng		0.00
86) Perylene-d12	15.627	264	257113	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.610	112	924824	115.875	ng		0.02
7) Phenol-d6	6.598	99	1185294	117.988	ng		0.01
23) Nitrobenzene-d5	7.522	82	841774	85.036	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	351467	130.917	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1496266	78.743	ng		0.00
79) Terphenyl-d14	13.069	244	1406445	85.720	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.905	88	131336	34.777	ng		98
3) Pyridine	3.657	79	364578	37.194	ng		98
4) n-Nitrosodimethylamine	3.599	42	214548	42.394	ng		99
6) Aniline	6.628	93	482943	34.494	ng		98
8) 2-Chlorophenol	6.751	128	366569	43.817	ng		97
9) Benzaldehyde	6.510	77	240667	31.949	ng		99
10) Phenol	6.610	94	467718	42.738	ng		87
11) bis(2-Chloroethyl)ether	6.693	93	357965	42.720	ng		99
12) 1,3-Dichlorobenzene	6.910	146	385106	42.375	ng		98
13) 1,4-Dichlorobenzene	6.981	146	393214	42.964	ng		100
14) 1,2-Dichlorobenzene	7.134	146	379636	43.612	ng		99
15) Benzyl Alcohol	7.098	79	342507	44.652	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	660400	42.486	ng		98
17) 2-Methylphenol	7.210	107	306654	43.594	ng		99
18) Hexachloroethane	7.481	117	142182	44.875	ng		98
19) n-Nitroso-di-n-propyla...	7.375	70	275254	42.708	ng		99
20) 3+4-Methylphenols	7.363	107	372081	43.598	ng	#	81
22) Acetophenone	7.369	105	496665	42.515	ng	#	96
24) Nitrobenzene	7.540	77	408379	44.250	ng		99
25) Isophorone	7.781	82	762625	43.641	ng		99
26) 2-Nitrophenol	7.857	139	200859	50.147	ng		100
27) 2,4-Dimethylphenol	7.892	122	353610	43.311	ng		99
28) bis(2-Chloroethoxy)met...	7.987	93	451468	43.089	ng		99
29) 2,4-Dichlorophenol	8.098	162	308736	44.840	ng		99
30) 1,2,4-Trichlorobenzene	8.187	180	324312	43.599	ng		99
31) Naphthalene	8.269	128	1060886	43.656	ng		100
32) Benzoic acid	8.010	122	236447	51.044	ng		98
33) 4-Chloroaniline	8.304	127	197278	19.881	ng		100
34) Hexachlorobutadiene	8.387	225	203349	44.751	ng		99
35) Caprolactam	8.675	113	104046m	50.007	ng		
36) 4-Chloro-3-methylphenol	8.787	107	342197	45.725	ng		100
37) 2-Methylnaphthalene	8.957	142	655261	44.311	ng		99
38) 1-Methylnaphthalene	9.057	142	675688	44.373	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	322973	43.047	ng		99
41) Hexachlorocyclopentadiene	9.116	237	450093	92.196	ng		99
43) 2,4,6-Trichlorophenol	9.234	196	233839	45.033	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143215.D
Acq On : 23 Jul 2025 16:59
Operator : RC/JU
Sample : PB168948BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 23 17:24:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	232441	44.750	ng		99
46) 1,1'-Biphenyl	9.422	154	887556	43.775	ng		100
47) 2-Chloronaphthalene	9.445	162	656145	43.736	ng		100
48) 2-Nitroaniline	9.534	65	226980	48.246	ng		97
49) Acenaphthylene	9.863	152	1106913	44.027	ng		100
50) Dimethylphthalate	9.716	163	783709	46.265	ng		100
51) 2,6-Dinitrotoluene	9.775	165	173179	50.256	ng		99
52) Acenaphthene	10.039	154	718361	48.343	ng		96
53) 3-Nitroaniline	9.945	138	131906	32.726	ng		100
54) 2,4-Dinitrophenol	10.051	184	176857	110.471	ng	#	1
55) Dibenzofuran	10.210	168	962852	43.643	ng		100
56) 4-Nitrophenol	10.104	139	282579	93.885	ng		99
57) 2,4-Dinitrotoluene	10.181	165	232149	53.697	ng		95
58) Fluorene	10.551	166	729587	44.062	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	186237	43.284	ng		99
60) Diethylphthalate	10.422	149	780972	46.645	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	372079	45.128	ng		99
62) 4-Nitroaniline	10.563	138	173011	50.083	ng		98
63) Azobenzene	10.698	77	780671	44.738	ng		99
65) 4,6-Dinitro-2-methylph...	10.592	198	119668	51.921	ng		95
66) n-Nitrosodiphenylamine	10.657	169	664504	43.334	ng		99
67) 4-Bromophenyl-phenylether	11.028	248	231837	44.672	ng		98
68) Hexachlorobenzene	11.104	284	239145	44.087	ng		97
69) Atrazine	11.180	200	210616	49.820	ng		98
70) Pentachlorophenol	11.292	266	200160	62.747	ng		98
71) Phenanthrene	11.516	178	1013911	43.850	ng		99
72) Anthracene	11.563	178	1036500	43.952	ng		99
73) Carbazole	11.716	167	918922	44.625	ng		99
74) Di-n-butylphthalate	12.039	149	1146896	49.223	ng		99
75) Fluoranthene	12.698	202	984952	46.409	ng		99
77) Benzidine	12.810	184	476629	50.668	ng		98
78) Pyrene	12.927	202	979588	47.010	ng		100
80) Butylbenzylphthalate	13.539	149	379300	59.443	ng		98
81) Benzo(a)anthracene	14.116	228	748619	45.797	ng		100
82) 3,3'-Dichlorobenzidine	14.069	252	137313	25.204	ng		99
83) Chrysene	14.151	228	665571	45.286	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	495206	51.274	ng		99
85) Di-n-octyl phthalate	14.716	149	817940	46.722	ng		99
87) Indeno(1,2,3-cd)pyrene	17.168	276	836182	46.122	ng		99
88) Benzo(b)fluoranthene	15.180	252	713703	45.438	ng		100
89) Benzo(k)fluoranthene	15.216	252	655222	46.747	ng		99
90) Benzo(a)pyrene	15.563	252	668195	46.172	ng		100
91) Dibenzo(a,h)anthracene	17.192	278	682369	46.242	ng		98
92) Benzo(g,h,i)perylene	17.639	276	677636	47.472	ng		99

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

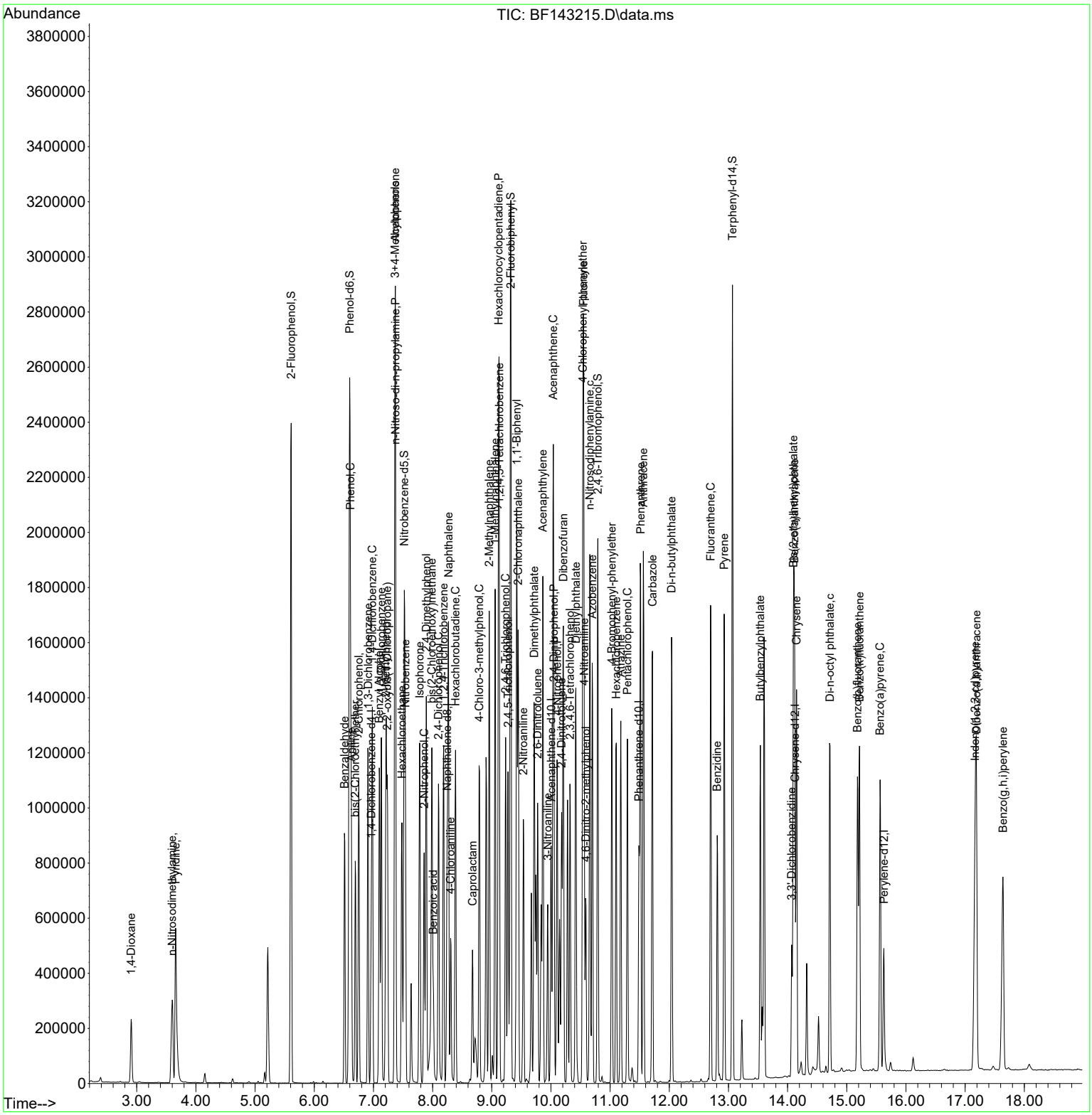
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143215.D
Acq On : 23 Jul 2025 16:59
Operator : RC/JU
Sample : PB168948BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

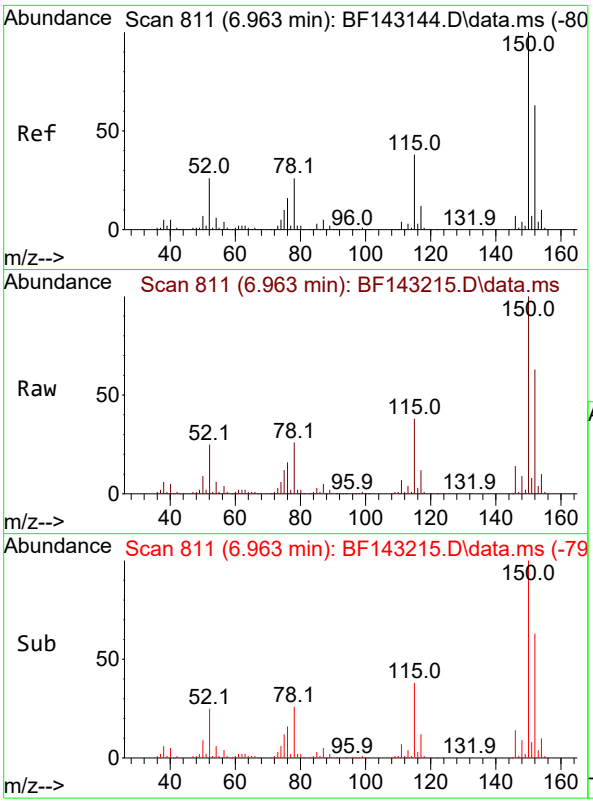
Quant Time: Jul 23 17:24:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

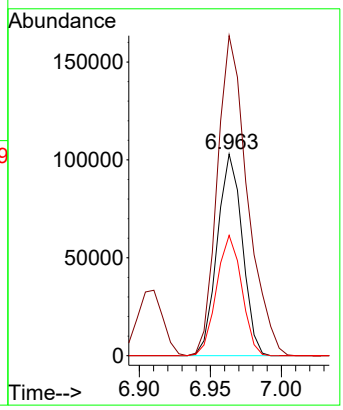




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:152 Resp: 12630

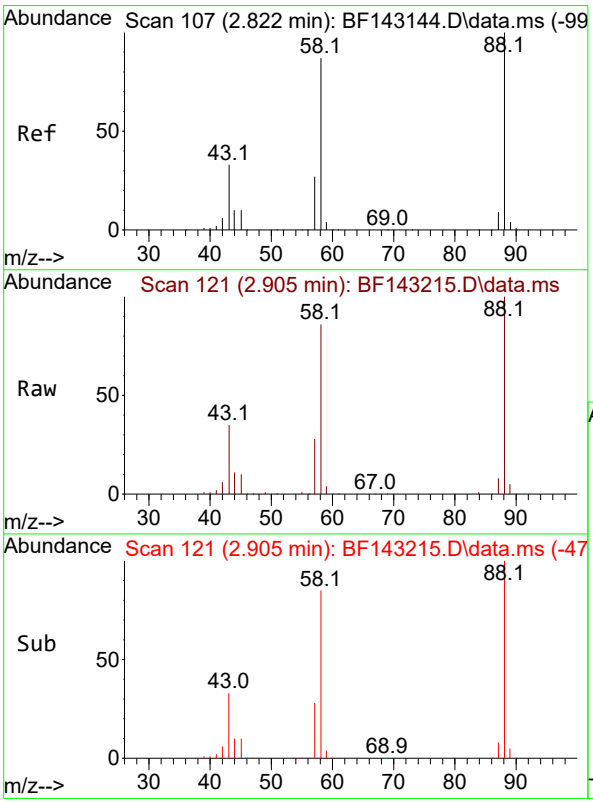
Ion	Ratio	Lower	Upper
152	100		
150	158.7	128.2	192.4
115	59.6	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
PB168948BS

Manual Integrations
APPROVED

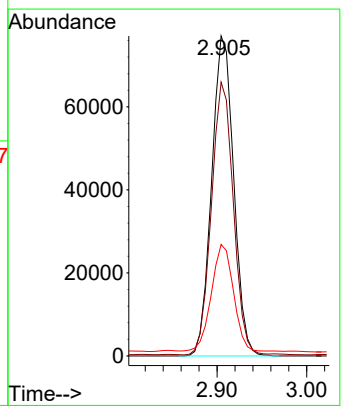
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

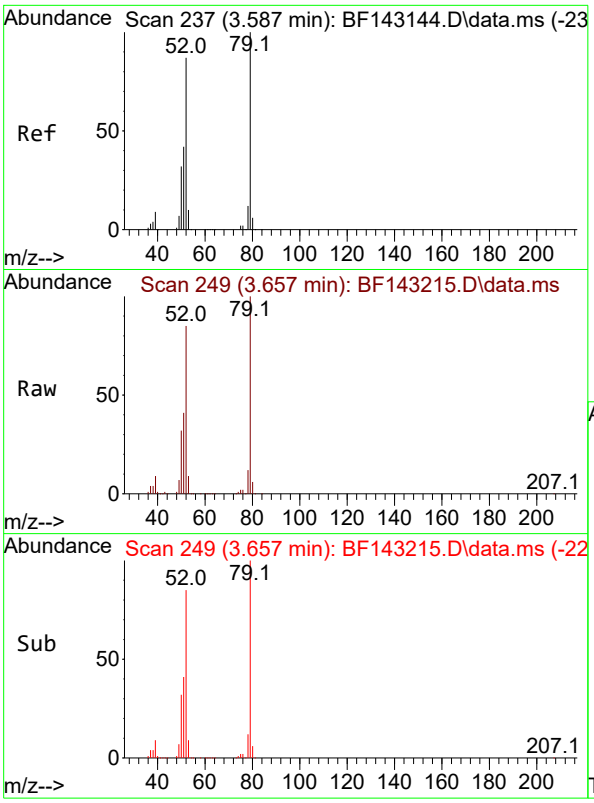


#2
1,4-Dioxane
Concen: 34.777 ng
RT: 2.905 min Scan# 121
Delta R.T. 0.082 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion: 88 Resp: 131336

Ion	Ratio	Lower	Upper
88	100		
58	84.9	70.2	105.2
43	33.5	27.1	40.7

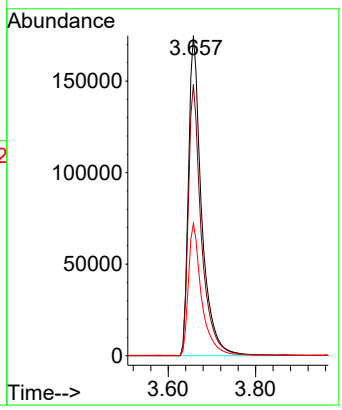




#3
Pyridine
Concen: 37.194 ng
RT: 3.657 min Scan# 24
Delta R.T. 0.071 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion: 79 Resp: 36457

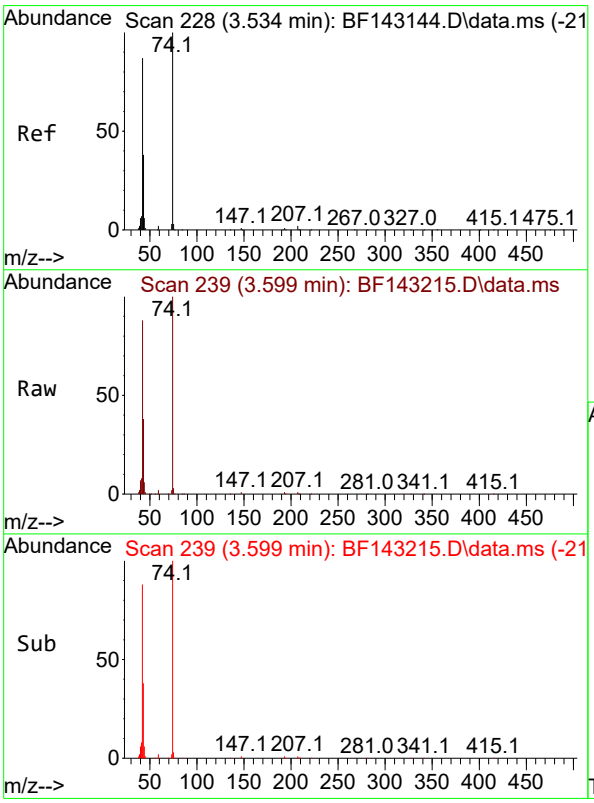
Ion	Ratio	Lower	Upper
79	100		
52	84.8	69.4	104.2
51	41.3	33.5	50.3



Instrument :
BNA_F
ClientSampleId :
PB168948BS

Manual Integrations
APPROVED

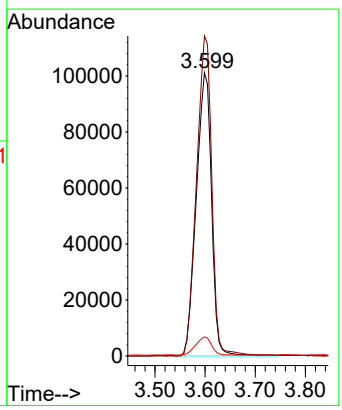
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

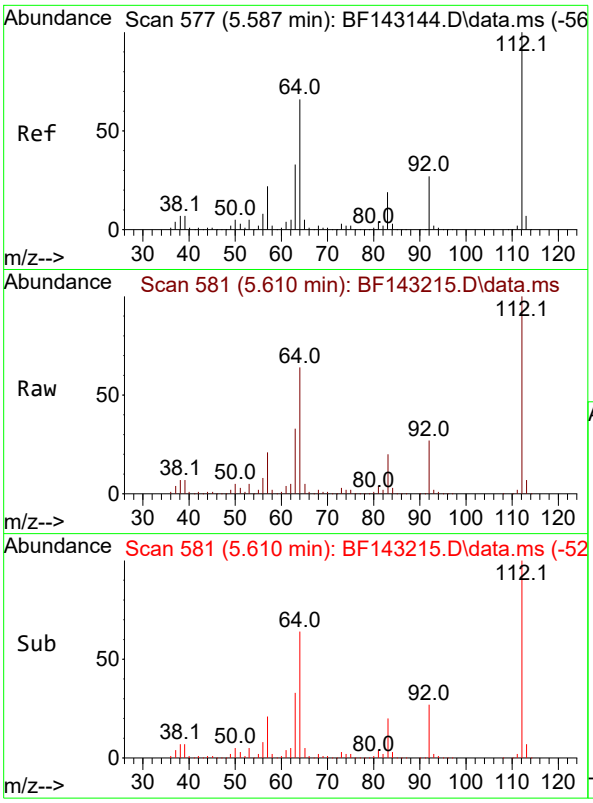


#4
n-Nitrosodimethylamine
Concen: 42.394 ng
RT: 3.599 min Scan# 239
Delta R.T. 0.065 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion: 42 Resp: 214548

Ion	Ratio	Lower	Upper
42	100		
74	113.0	91.7	137.5
44	6.7	5.6	8.4

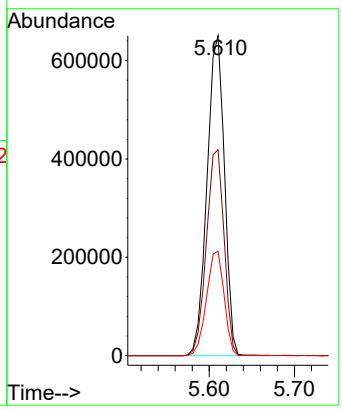




#5
2-Fluorophenol
Concen: 115.875 ng
RT: 5.610 min Scan# 5
Delta R.T. 0.024 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:112 Resp: 92482

Ion	Ratio	Lower	Upper
112	100		
64	64.3	53.1	79.7
63	32.7	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
PB168948BS

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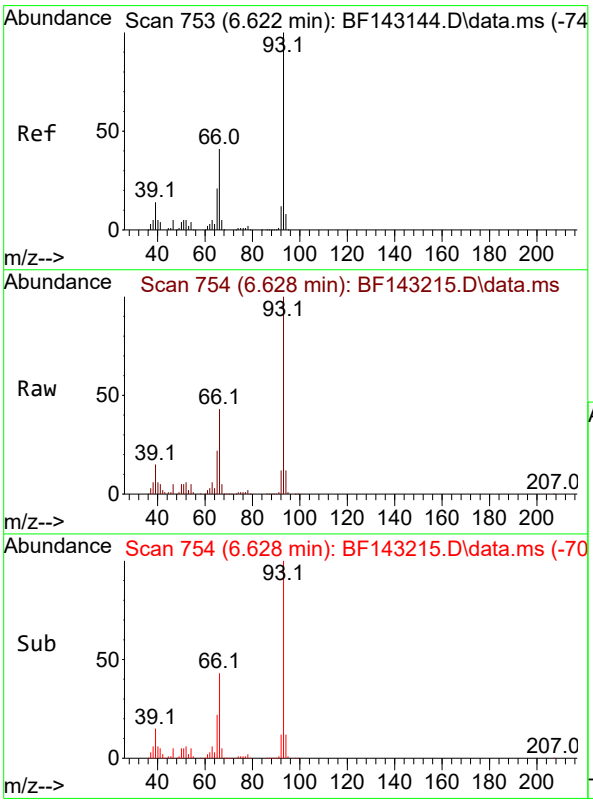
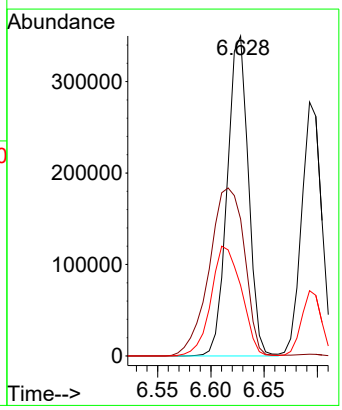
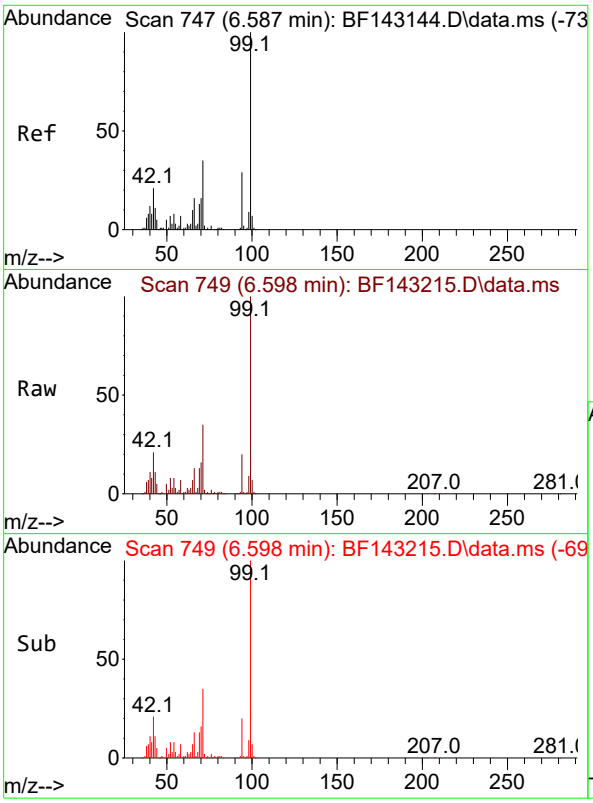


#6
Aniline
Concen: 34.494 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion: 93 Resp: 482943

Ion	Ratio	Lower	Upper
93	100		
66	42.8	33.2	49.8
65	22.1	16.9	25.3

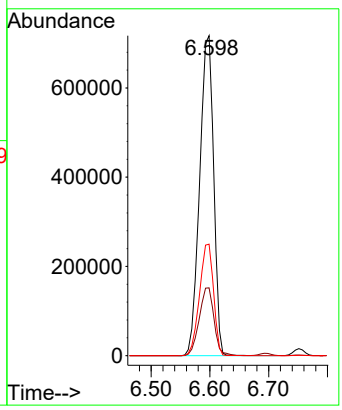




#7
Phenol-d6
Concen: 117.988 ng
RT: 6.598 min Scan# 7
Delta R.T. 0.012 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion: 99 Resp: 118529

Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.0	25.6
71	34.8	27.7	41.5



Instrument :
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ClientSampleId :
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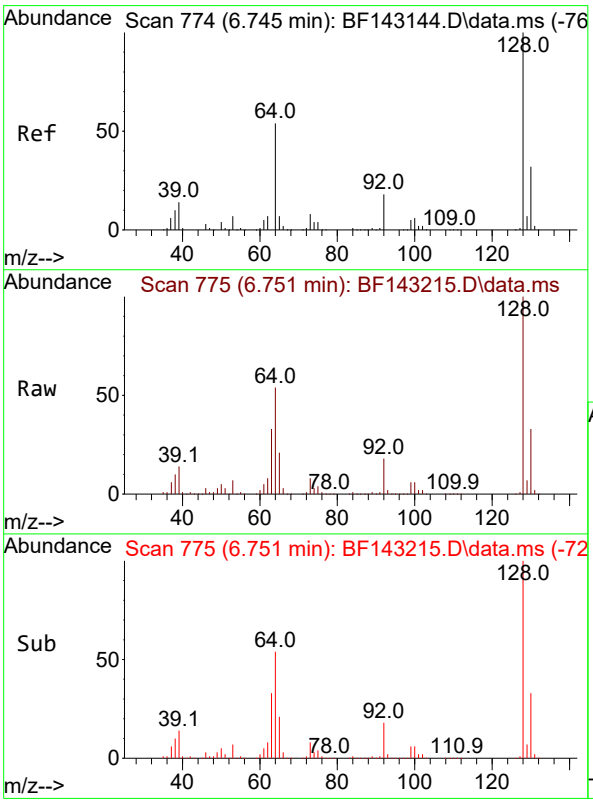
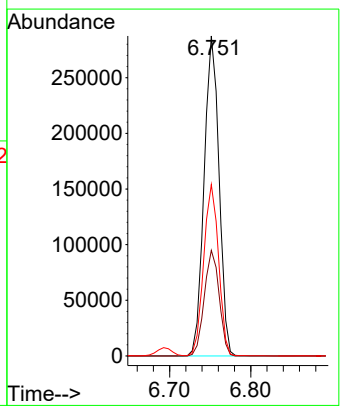
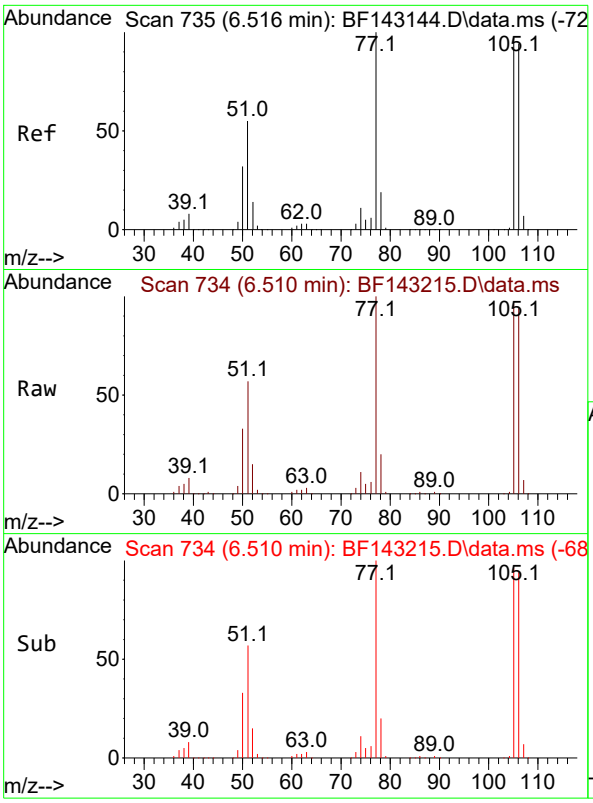


#8
2-Chlorophenol
Concen: 43.817 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:128 Resp: 366569

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.3	52.3
64	53.5	35.9	75.9

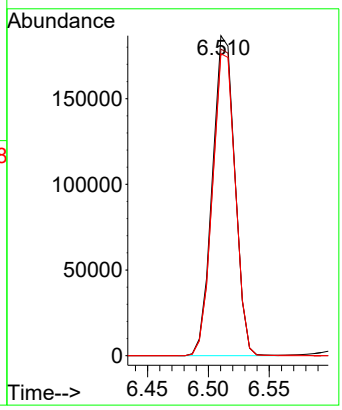




#9
Benzaldehyde
Concen: 31.949 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion: 77 Resp: 24066

Ion	Ratio	Lower	Upper
77	100		
105	95.8	76.8	116.8
106	94.3	74.4	114.4



Instrument :
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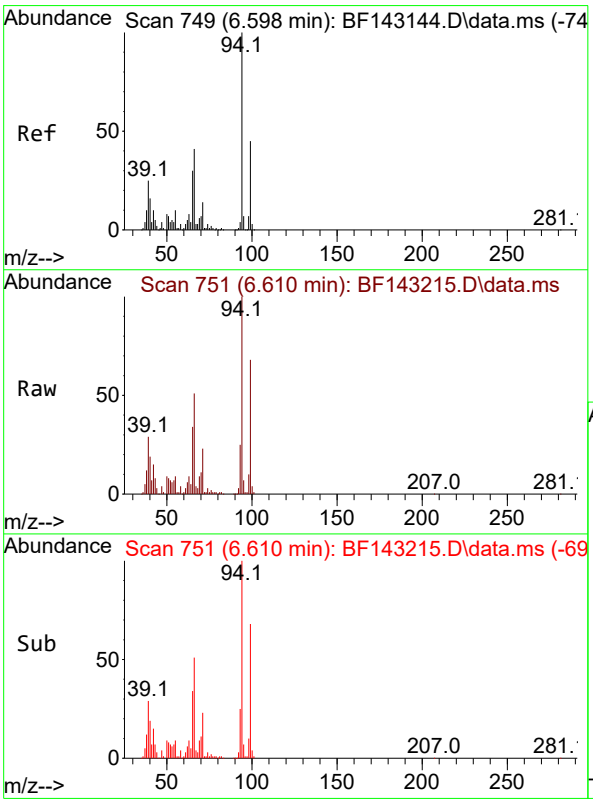
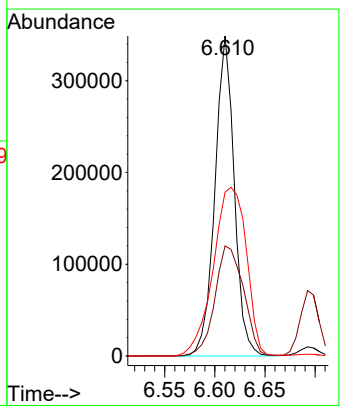
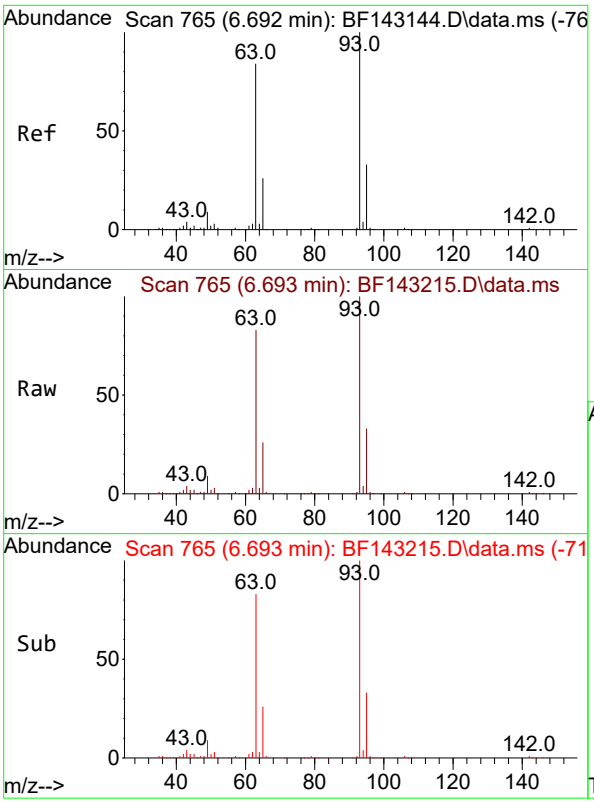


#10
Phenol
Concen: 42.738 ng
RT: 6.610 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion: 94 Resp: 467718

Ion	Ratio	Lower	Upper
94	100		
65	34.4	10.0	50.0
66	51.2	20.8	60.8

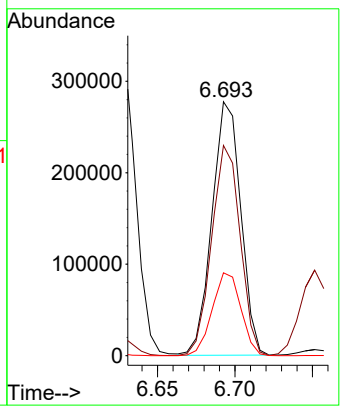




#11
bis(2-Chloroethyl)ether
Concen: 42.720 ng
RT: 6.693 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion: 93 Resp: 35796

Ion	Ratio	Lower	Upper
93	100		
63	82.8	63.4	103.4
95	32.7	12.4	52.4



Instrument :
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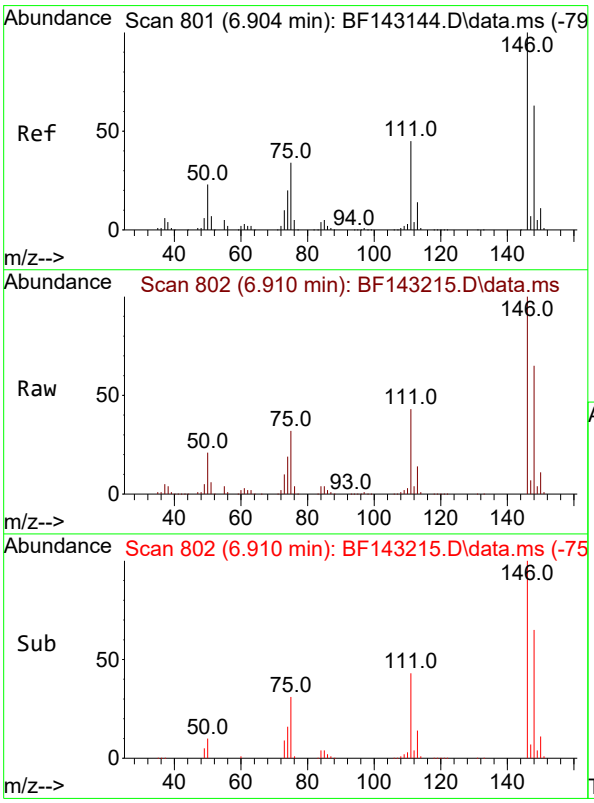
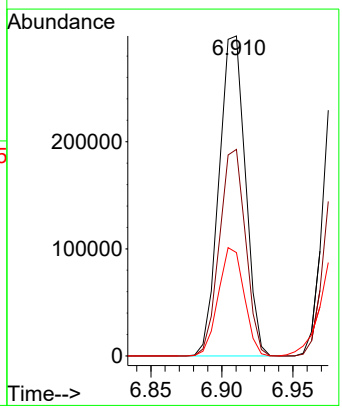
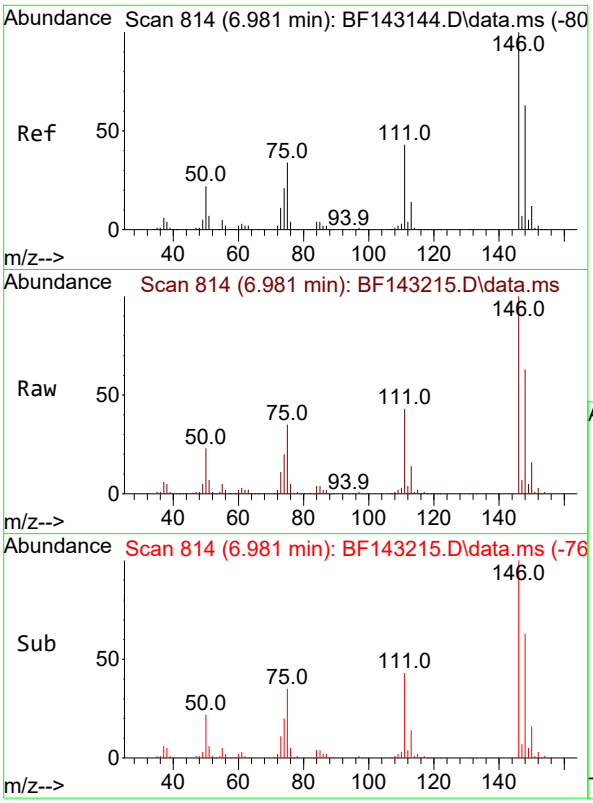


#12
1,3-Dichlorobenzene
Concen: 42.375 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:146 Resp: 385106

Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	76.0
75	32.3	27.4	41.2

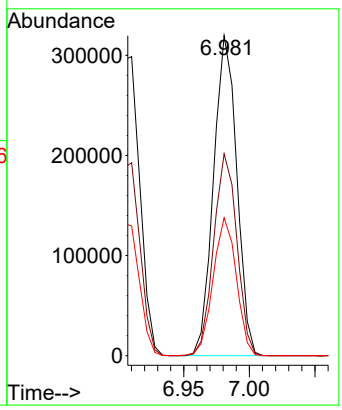




#13
1,4-Dichlorobenzene
Concen: 42.964 ng
RT: 6.981 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:146 Resp: 39321

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.3	75.5
111	43.1	34.4	51.6



Instrument :
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ClientSampleId :
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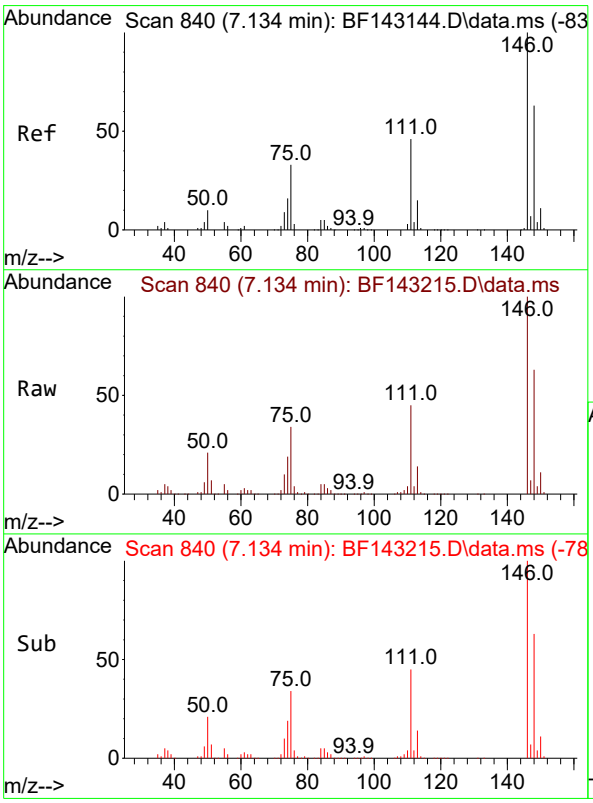
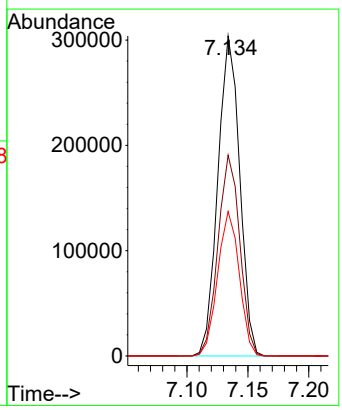
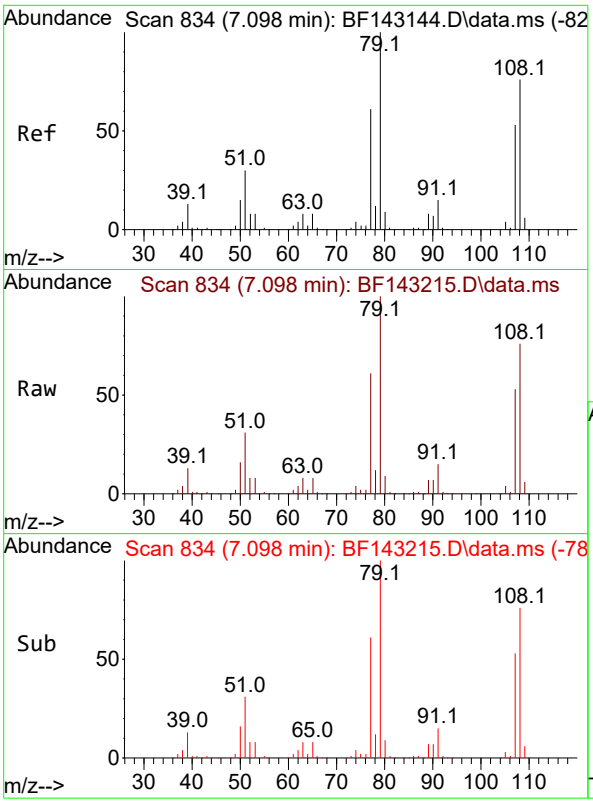


#14
1,2-Dichlorobenzene
Concen: 43.612 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:146 Resp: 379636

Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.7	76.1
111	45.2	36.6	54.8

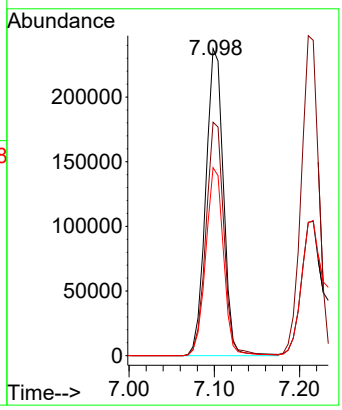




#15
Benzyl Alcohol
Concen: 44.652 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion: 79 Resp: 34250

Ion	Ratio	Lower	Upper
79	100		
108	76.1	61.1	91.7
77	61.2	48.9	73.3



Instrument :
BNA_F
ClientSampleId :
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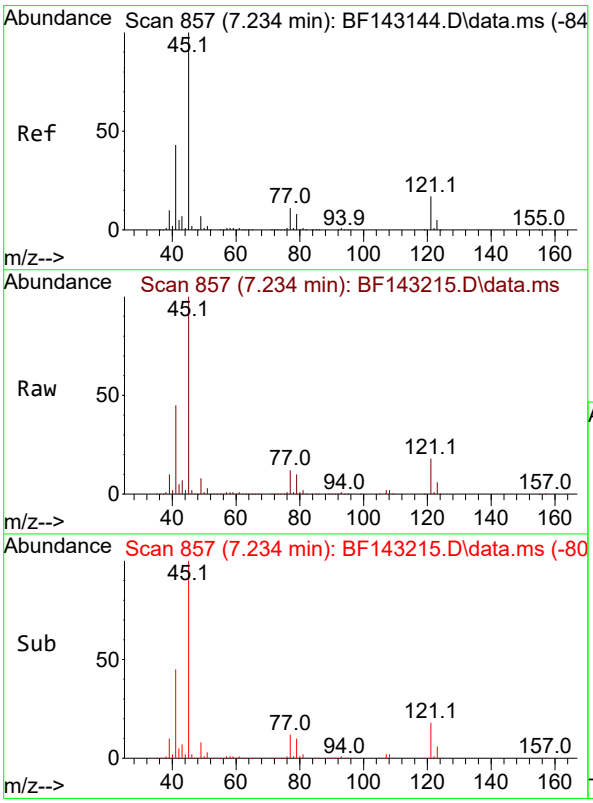
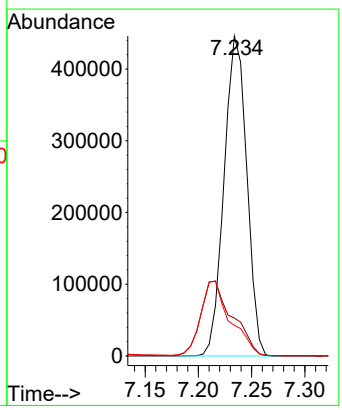
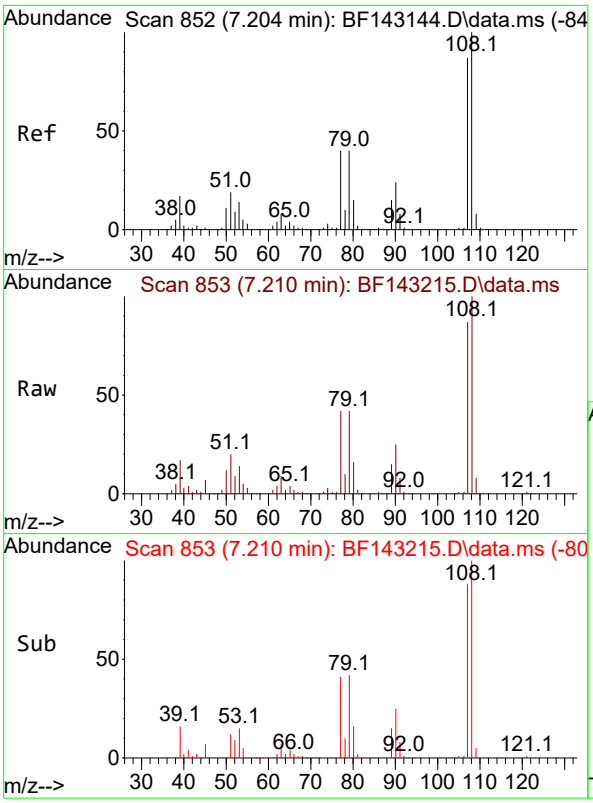


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.486 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion: 45 Resp: 660400

Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	31.2
79	9.6	0.0	28.5

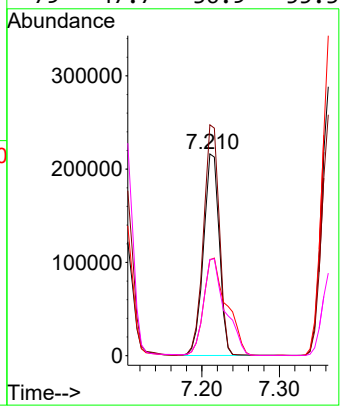




#17
2-Methylphenol
Concen: 43.594 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:107 Resp: 30665

Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.8	137.6
77	47.5	37.0	55.6
79	47.7	36.9	55.3



Instrument :
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ClientSampleId :
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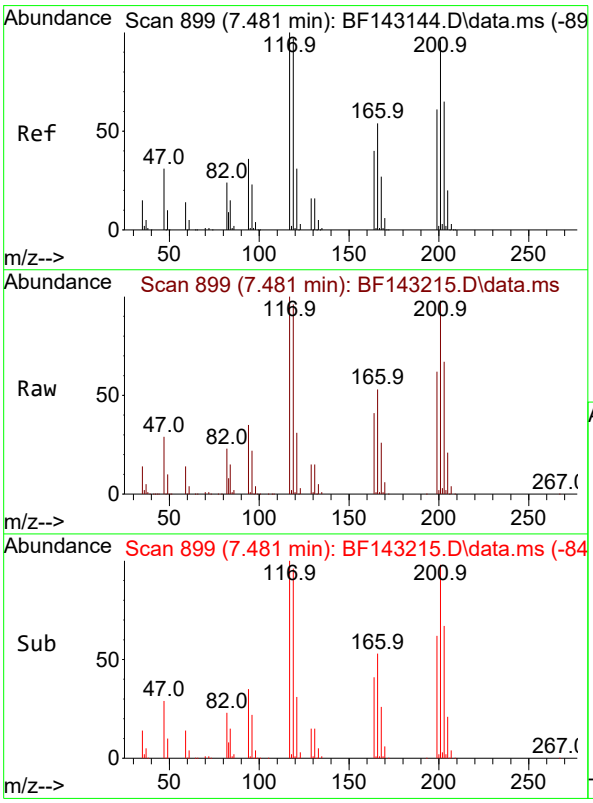
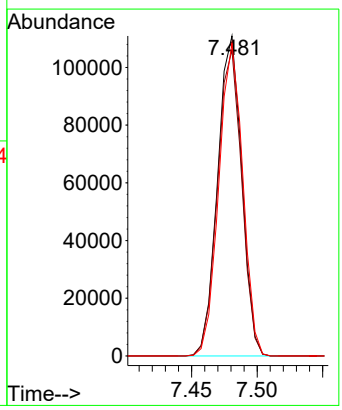
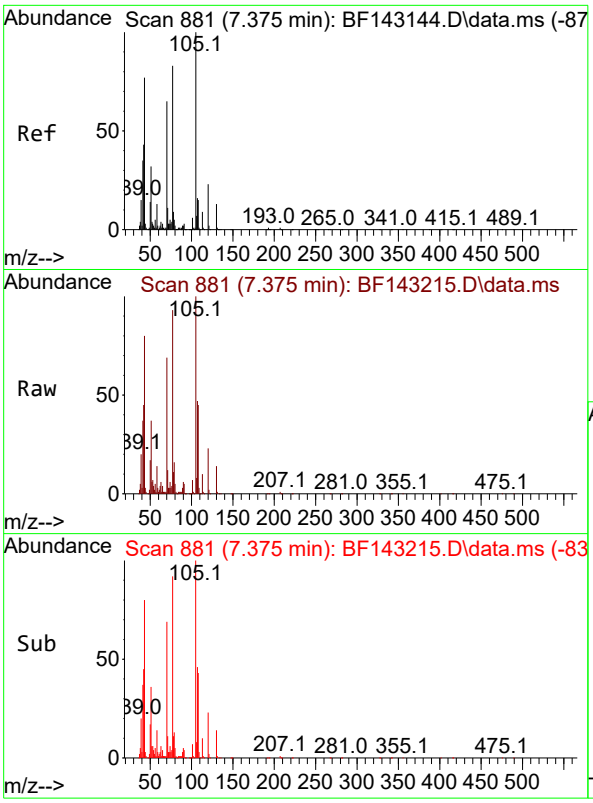


#18
Hexachloroethane
Concen: 44.875 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:117 Resp: 142182

Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.8	116.8
201	97.7	77.0	115.4

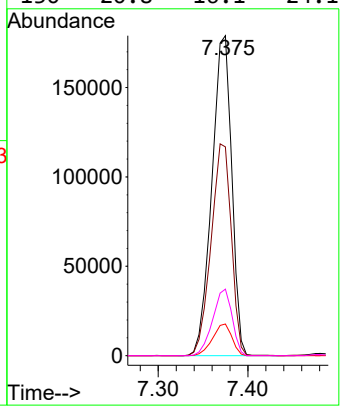




#19
n-Nitroso-di-n-propylamine
Concen: 42.708 ng
RT: 7.375 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion: 70 Resp: 27525

Ion	Ratio	Lower	Upper
70	100		
42	65.3	52.5	78.7
101	9.9	7.6	11.4
130	20.8	16.1	24.1



Instrument :
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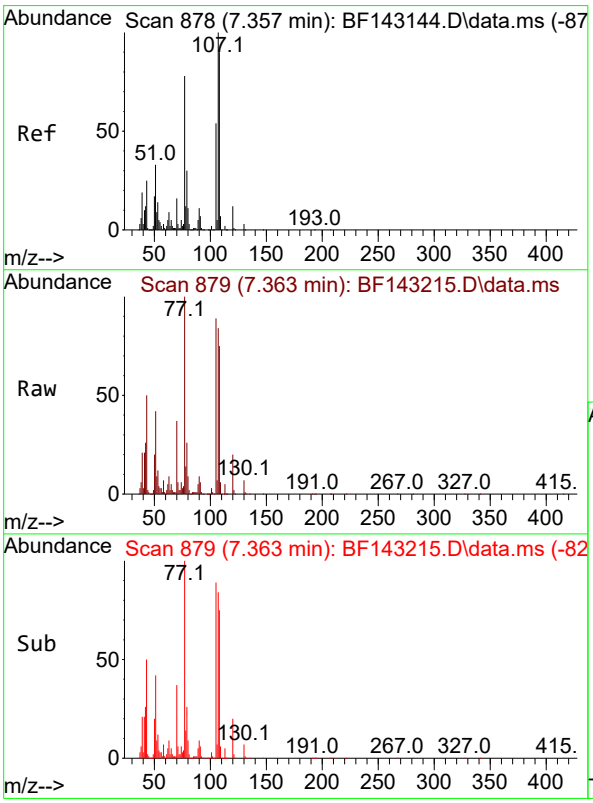
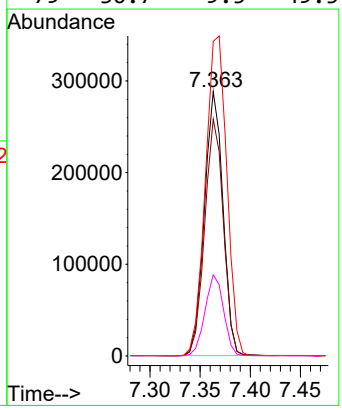
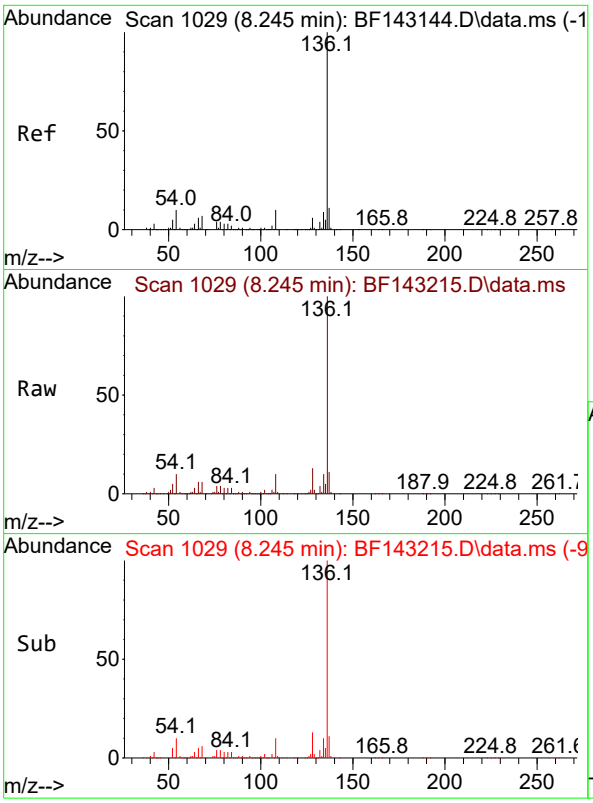


#20
3+4-Methylphenols
Concen: 43.598 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:107 Resp: 372081

Ion	Ratio	Lower	Upper
107	100		
108	89.6	70.0	110.0
77	119.0	57.8	97.8#
79	30.7	9.5	49.5

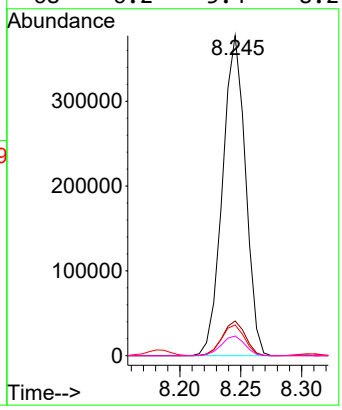




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:136 Resp: 49343

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.6	8.2	12.2
68	6.2	5.4	8.2



Instrument :
BNA_F
ClientSampleId :
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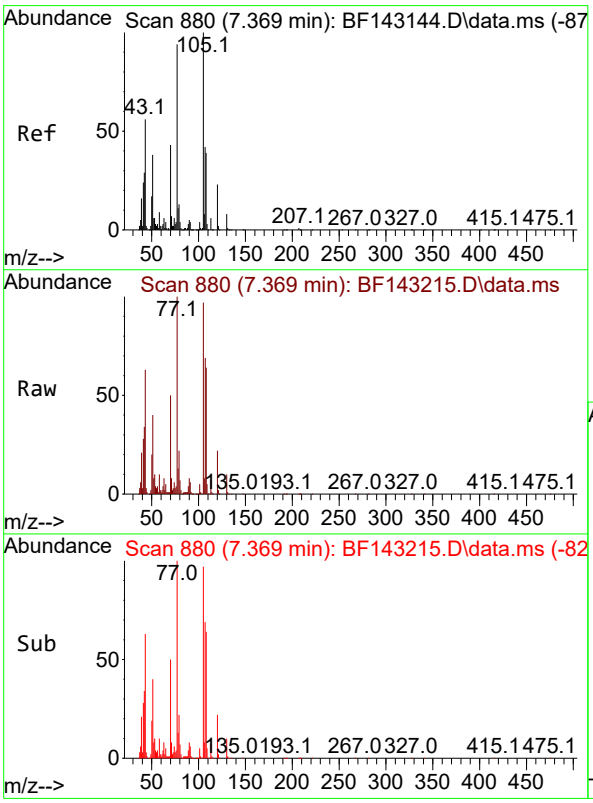
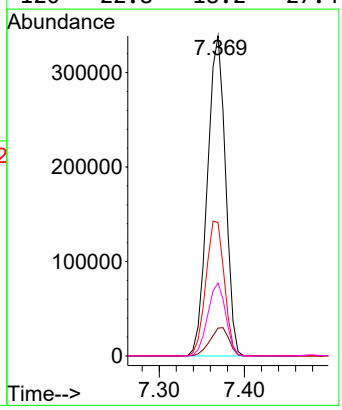
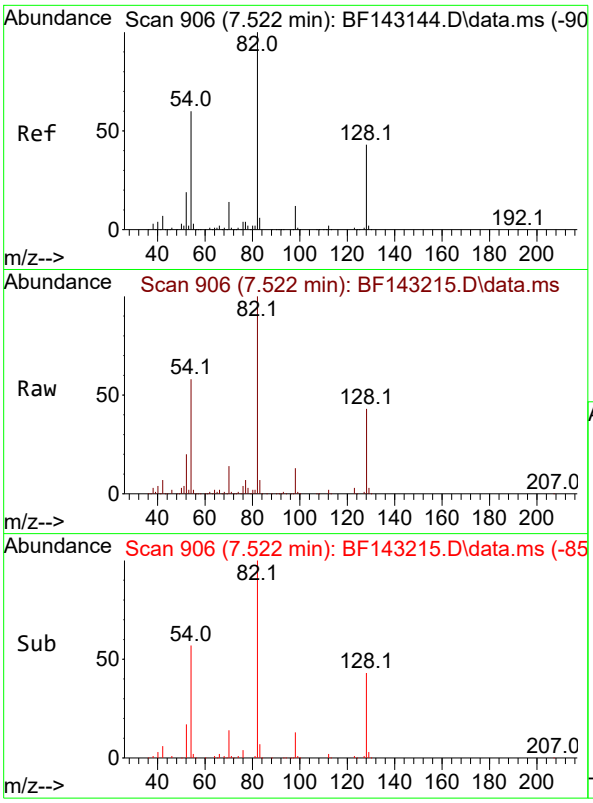


#22
Acetophenone
Concen: 42.515 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:105 Resp: 496665

Ion	Ratio	Lower	Upper
105	100		
71	8.7	5.8	8.6#
51	41.7	30.2	45.2
120	22.8	18.2	27.4





#23
Nitrobenzene-d5
Concen: 85.036 ng
RT: 7.522 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion: 82 Resp: 84177

Ion	Ratio	Lower	Upper
82	100		
128	43.4	33.6	50.4
54	58.3	47.1	70.7

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Manual Integrations APPROVED

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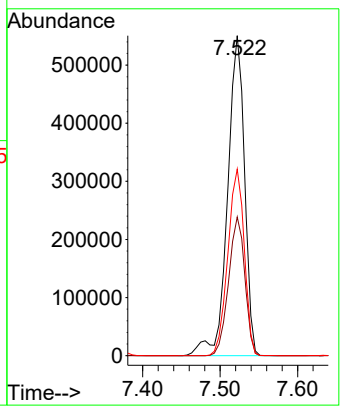
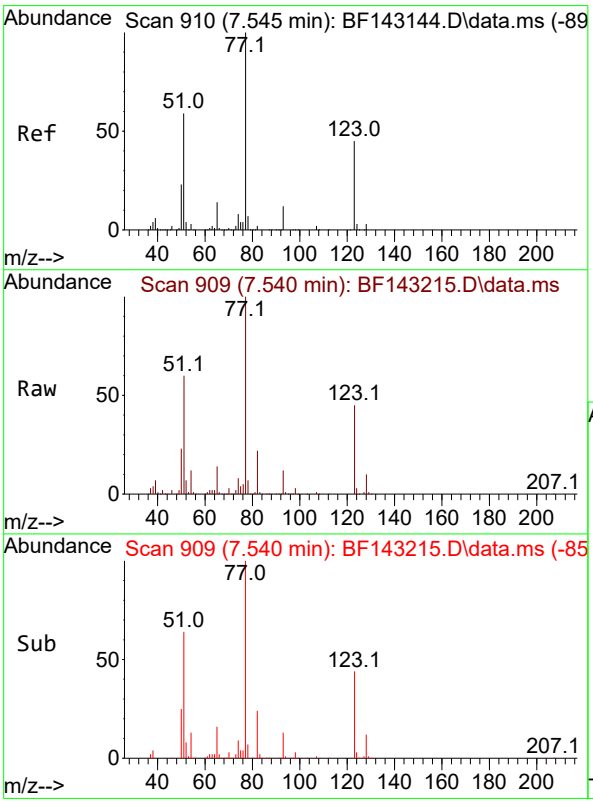
Supervised By :Jagrut Upadhyay 07/24/2025

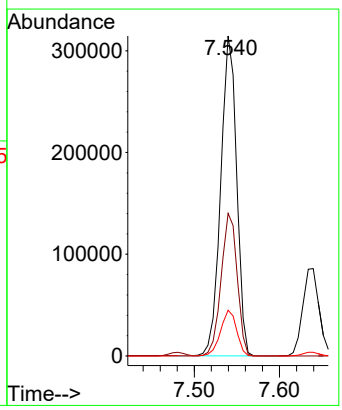


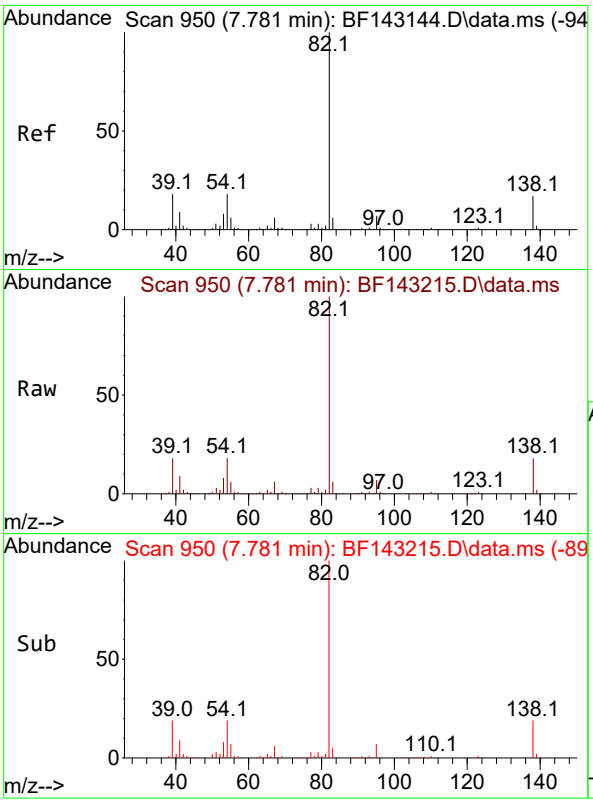


#24
Nitrobenzene
Concen: 44.250 ng
RT: 7.540 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion: 77 Resp: 408379

Ion	Ratio	Lower	Upper
77	100		
123	44.6	36.1	54.1
65	14.3	11.4	17.2

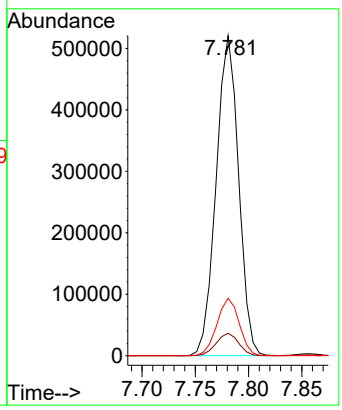




#25
Isophorone
Concen: 43.641 ng
RT: 7.781 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion: 82 Resp: 76262

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.5	8.3
138	17.9	13.8	20.8



Instrument :
BNA_F
ClientSampleId :
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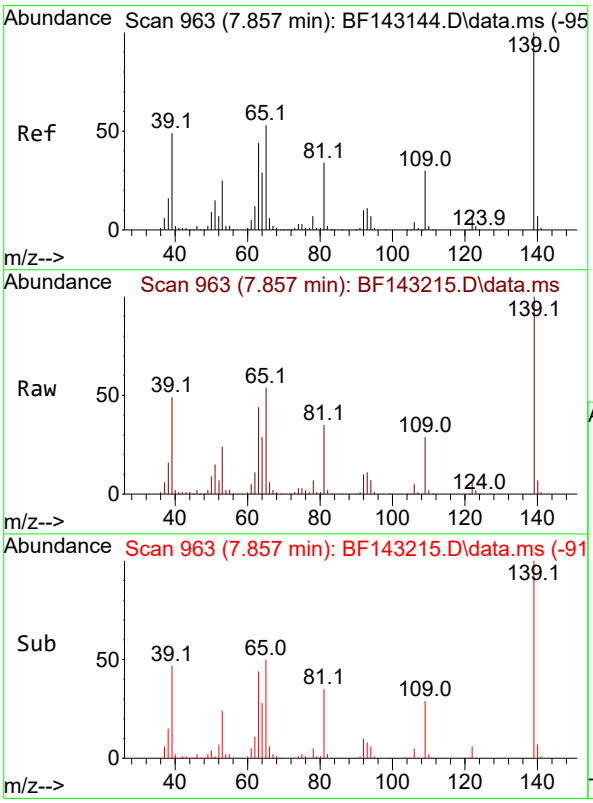
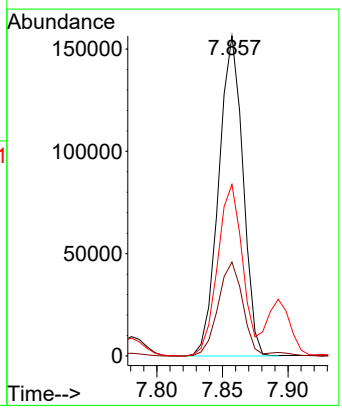
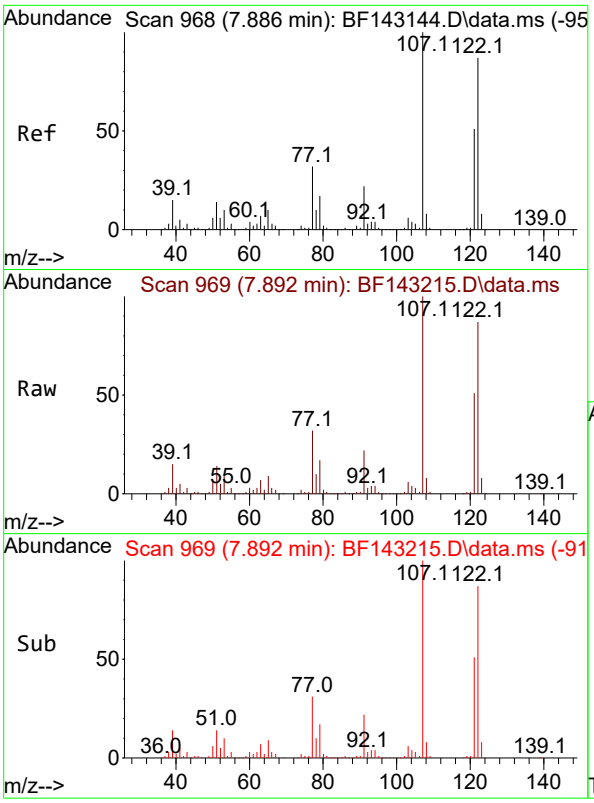


#26
2-Nitrophenol
Concen: 50.147 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:139 Resp: 200859

Ion	Ratio	Lower	Upper
139	100		
109	29.4	23.6	35.4
65	53.6	42.6	64.0

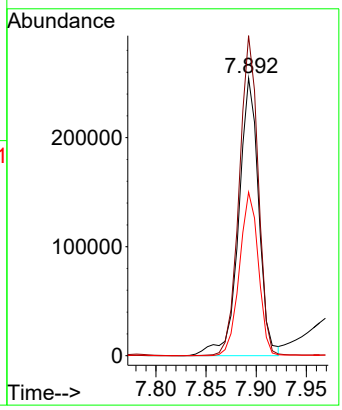




#27
2,4-Dimethylphenol
Concen: 43.311 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:122 Resp: 35361

Ion	Ratio	Lower	Upper
122	100		
107	115.3	91.8	137.6
121	58.9	46.3	69.5



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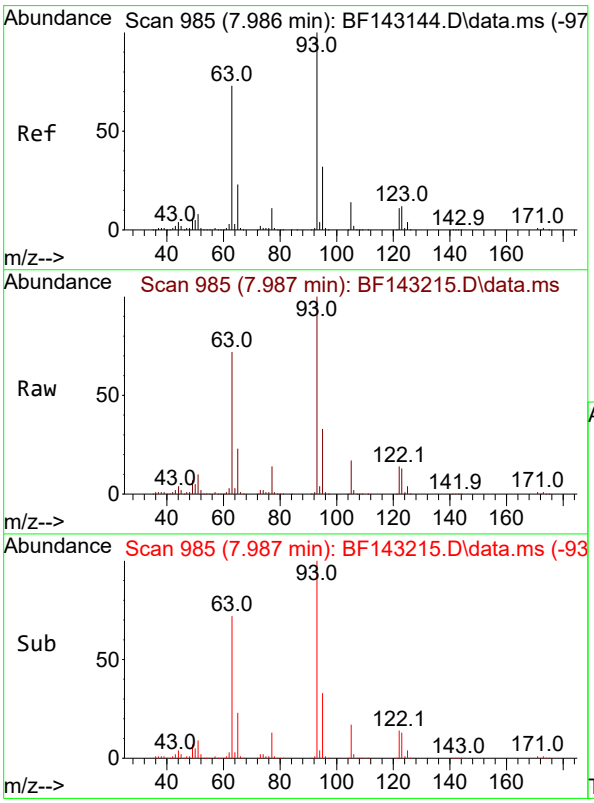
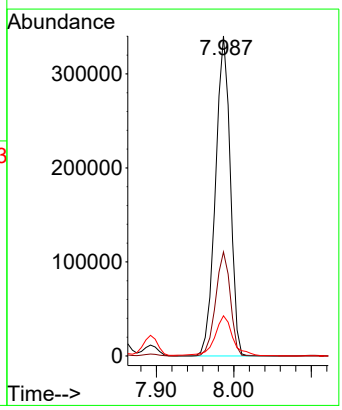
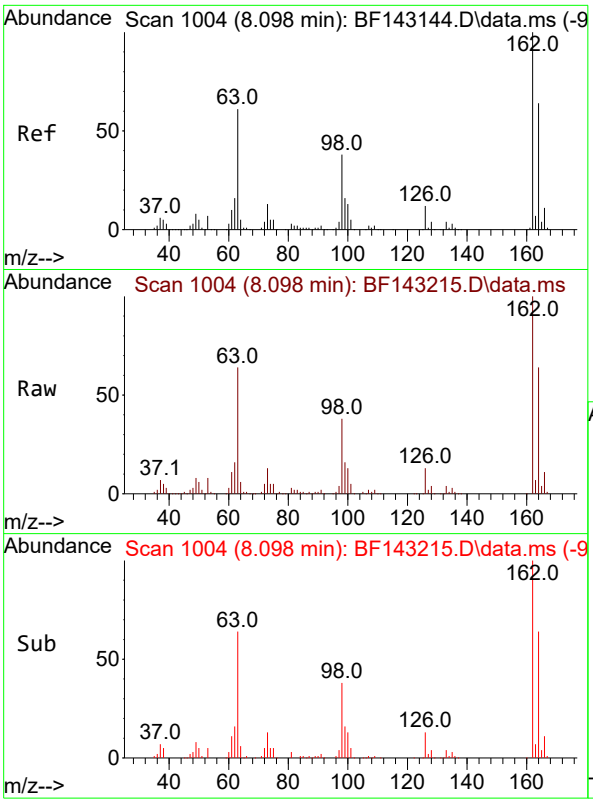


#28
bis(2-Chloroethoxy)methane
Concen: 43.089 ng
RT: 7.987 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion: 93 Resp: 451468

Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.8	38.6
123	12.6	9.7	14.5

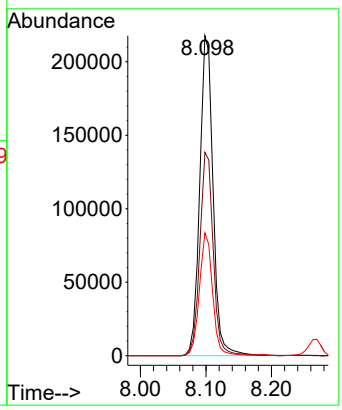




#29
2,4-Dichlorophenol
Concen: 44.840 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:162 Resp: 30873

Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.2	84.2
98	38.4	17.9	57.9



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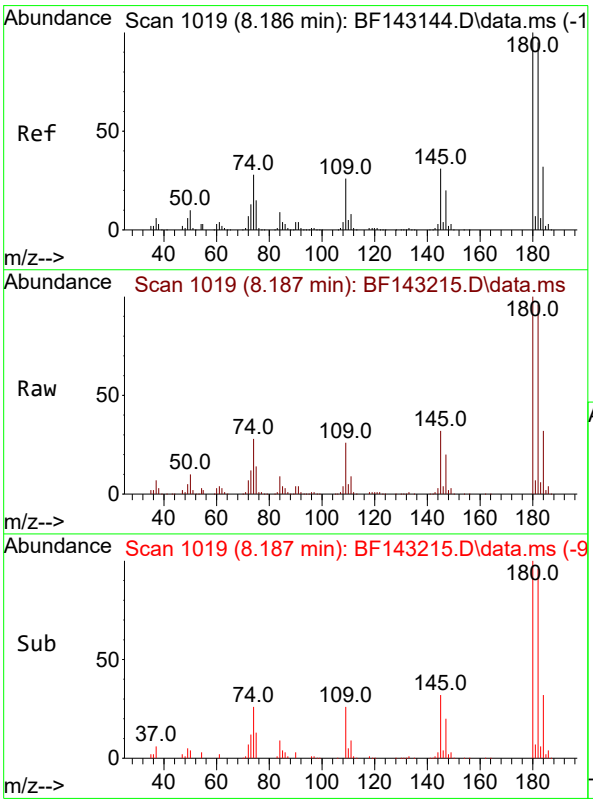
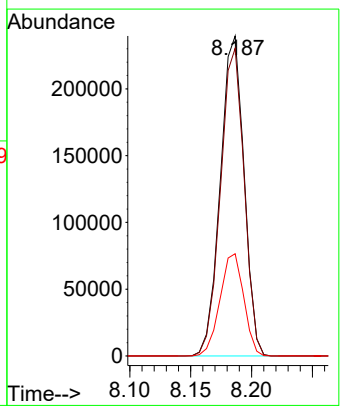
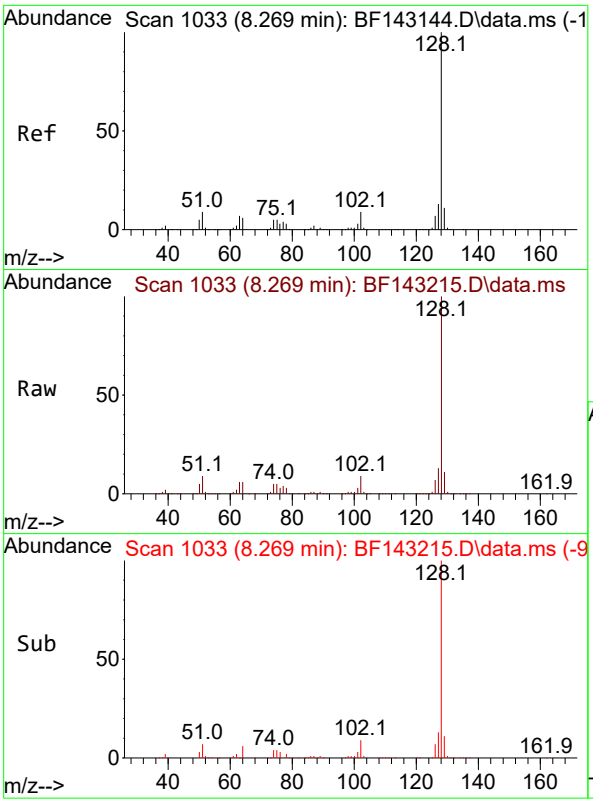


#30
1,2,4-Trichlorobenzene
Concen: 43.599 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:180 Resp: 324312

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.2	114.2
145	32.0	25.0	37.6

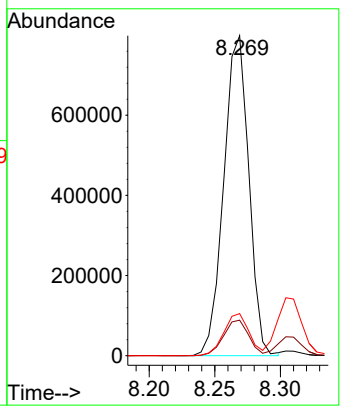




#31
Naphthalene
Concen: 43.656 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:128 Resp: 106088

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.2	10.6	16.0



Instrument :
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ClientSampleId :
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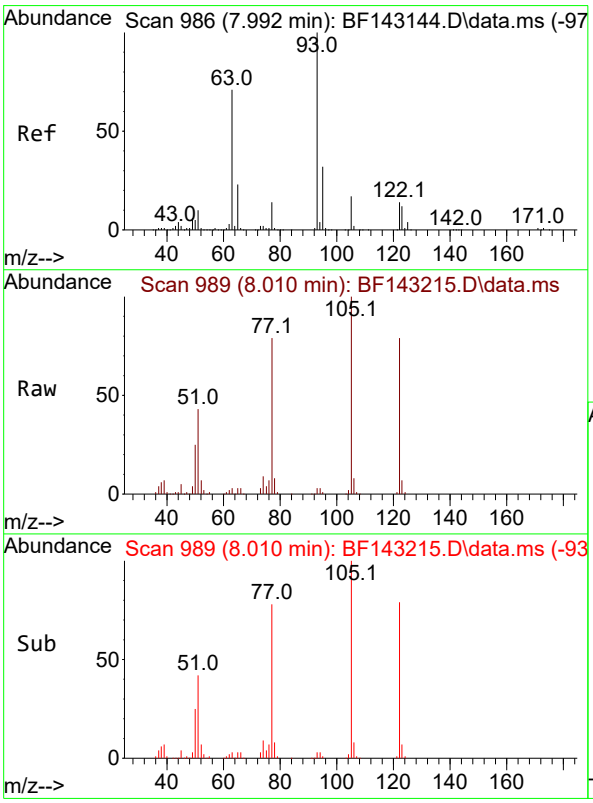
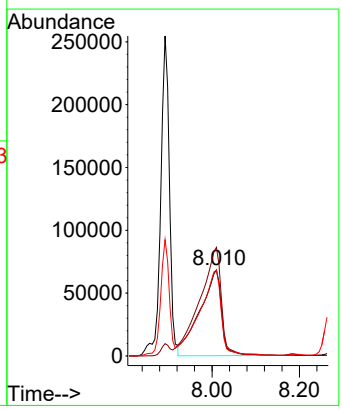
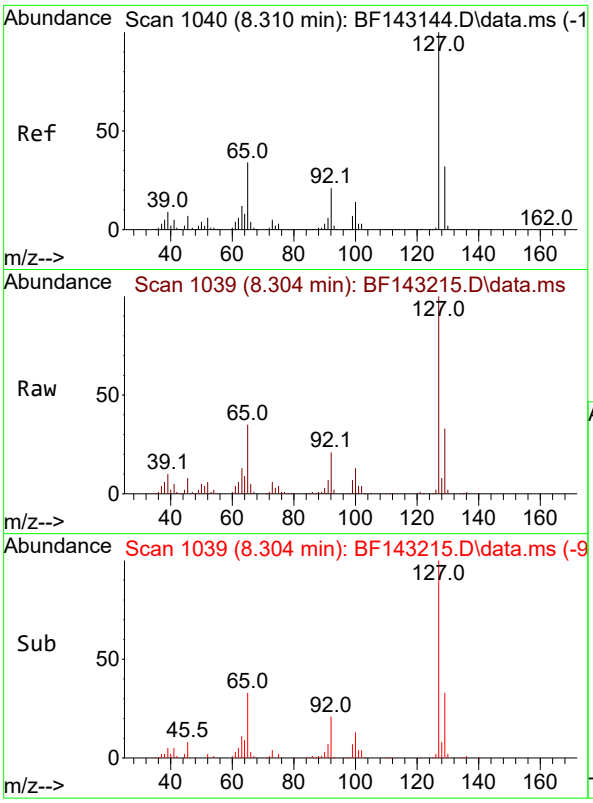


#32
Benzoic acid
Concen: 51.044 ng
RT: 8.010 min Scan# 989
Delta R.T. 0.018 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:122 Resp: 236447

Ion	Ratio	Lower	Upper
122	100		
105	126.3	104.8	144.8
77	99.8	77.6	117.6

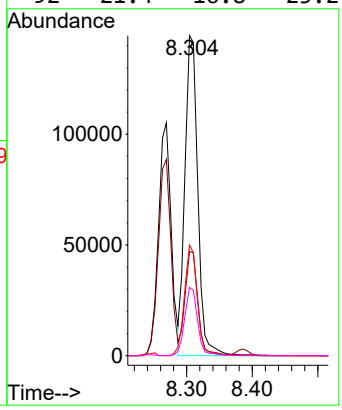




#33
4-Chloroaniline
Concen: 19.881 ng
RT: 8.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:127 Resp: 19727

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	34.6	27.4	41.2
92	21.4	16.8	25.2



Instrument :
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ClientSampleId :
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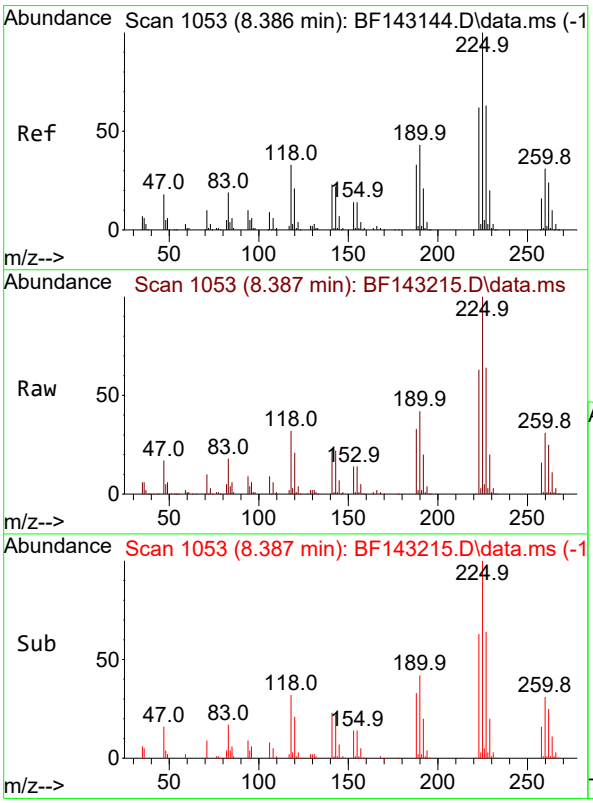
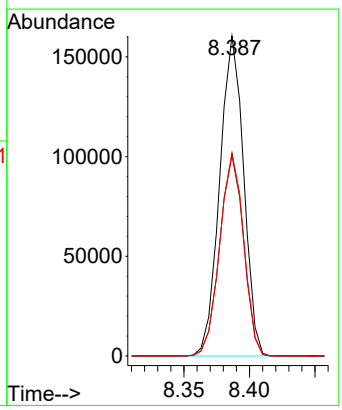
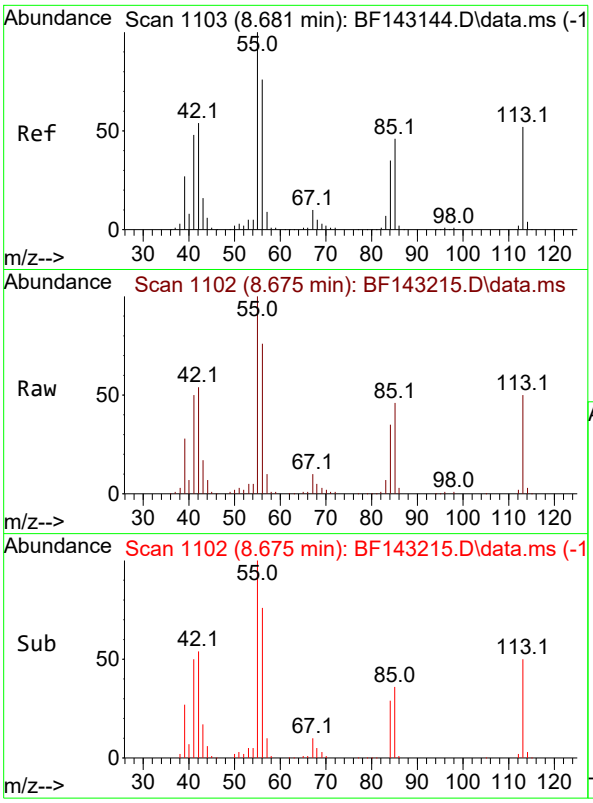


#34
Hexachlorobutadiene
Concen: 44.751 ng
RT: 8.387 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:225 Resp: 203349

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.6
227	63.5	50.2	75.4

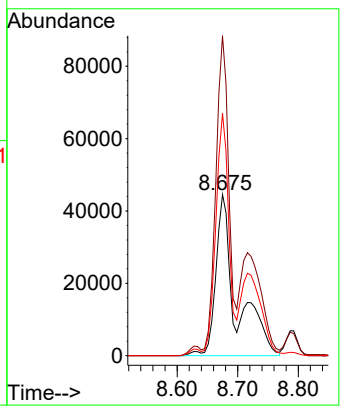




#35
Caprolactam
Concen: 50.007 ng m
RT: 8.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:113 Resp: 10404

Ion	Ratio	Lower	Upper
113	100		
55	198.6	174.0	214.0
56	150.4	126.6	166.6



Instrument :
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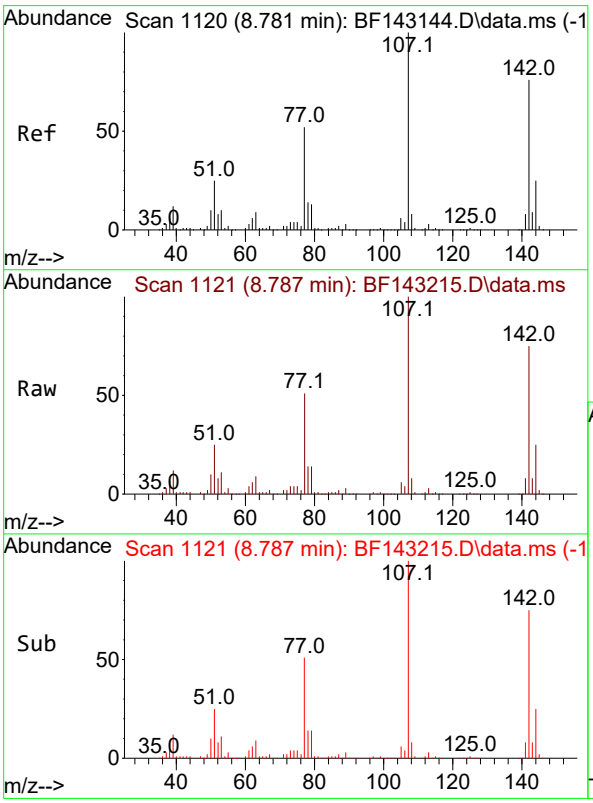
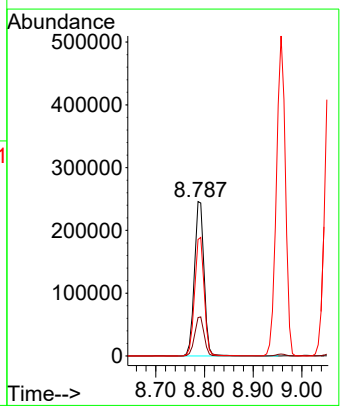
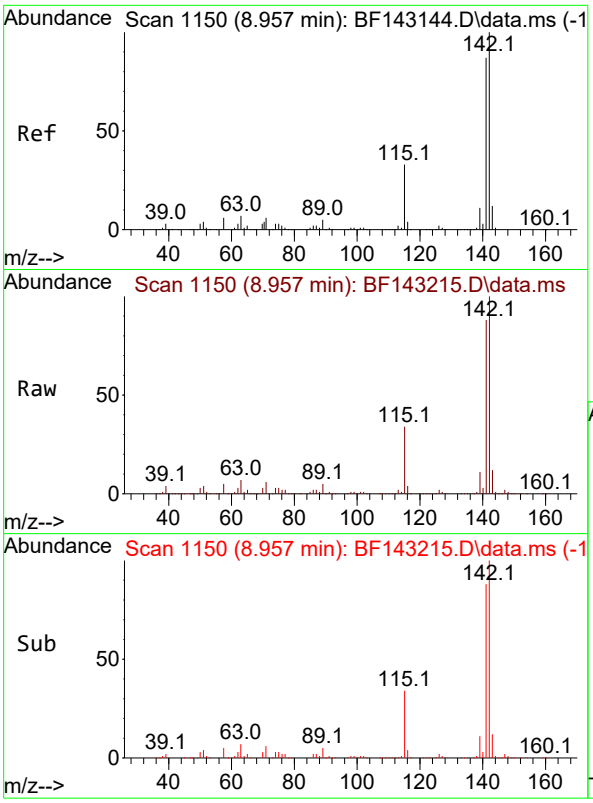


#36
4-Chloro-3-methylphenol
Concen: 45.725 ng
RT: 8.787 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:107 Resp: 342197

Ion	Ratio	Lower	Upper
107	100		
144	24.9	19.8	29.6
142	75.5	60.6	90.8





#37
2-Methylnaphthalene
Concen: 44.311 ng
RT: 8.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:142 Resp: 65526

Ion	Ratio	Lower	Upper
142	100		
141	88.0	69.9	104.9

Instrument :
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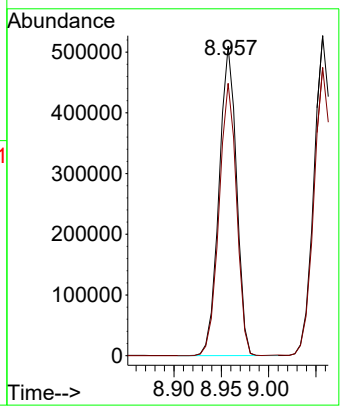
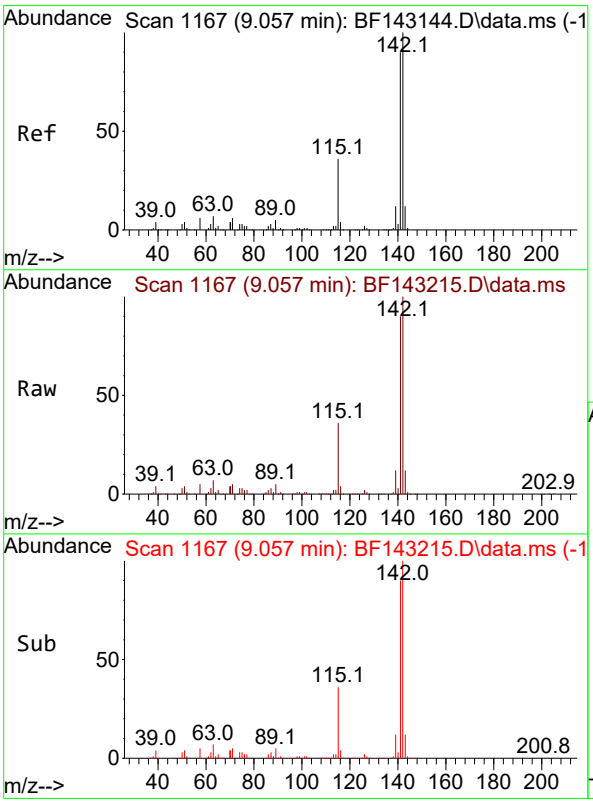
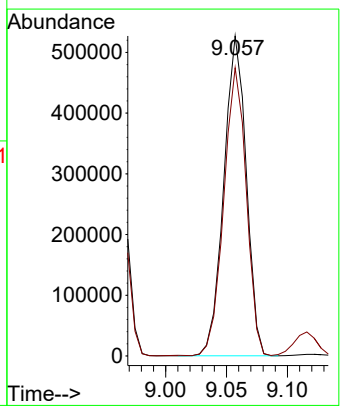


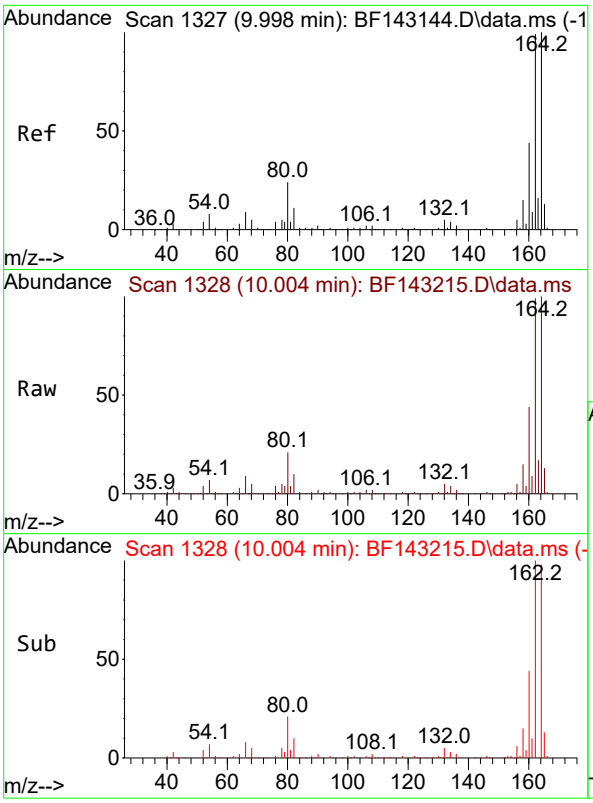


#38
1-Methylnaphthalene
Concen: 44.373 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:142 Resp: 675688

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.3	108.5

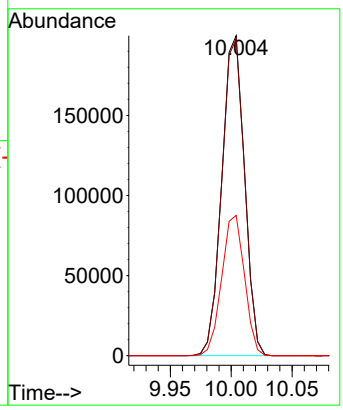




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:164 Resp: 25987

Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.0	118.6
160	43.8	35.1	52.7



Instrument :
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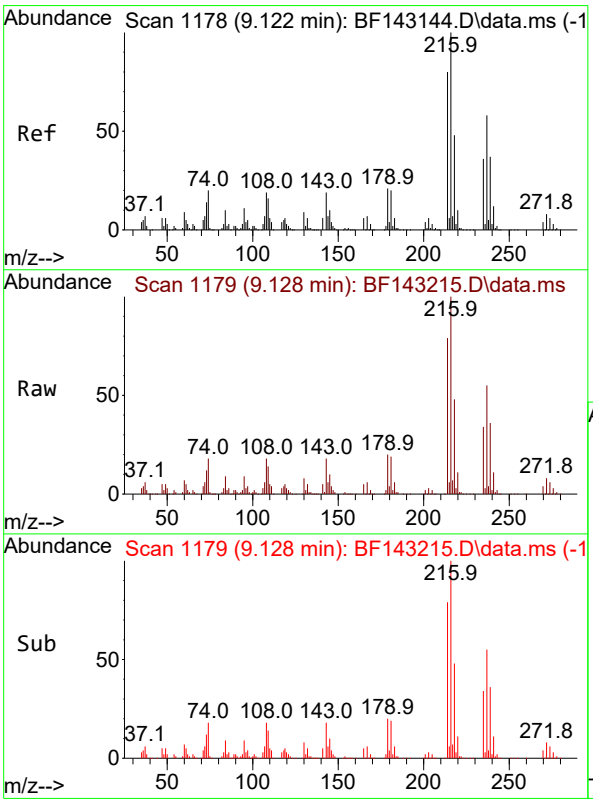
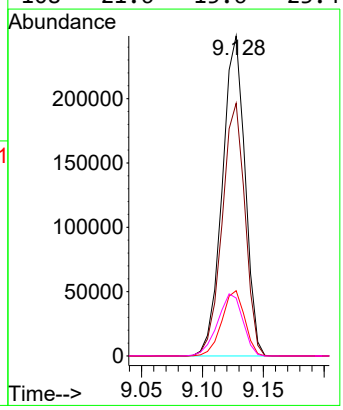
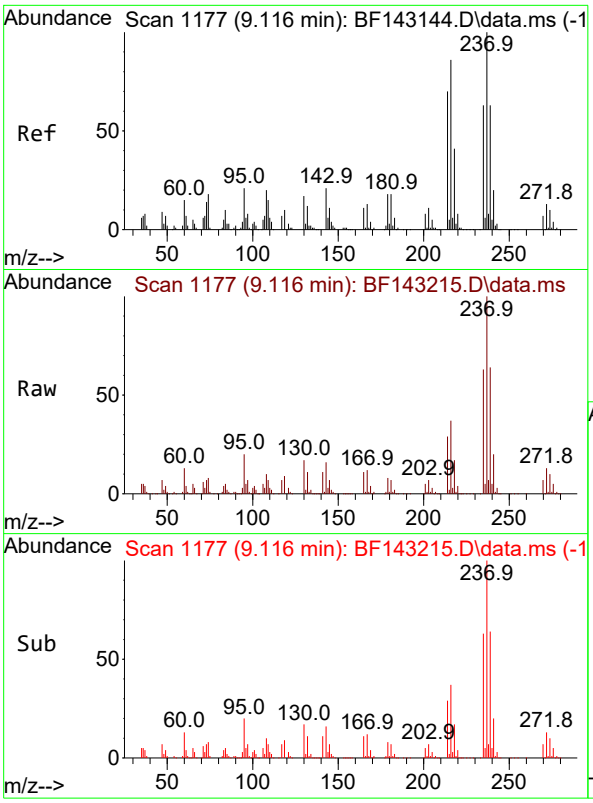


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.047 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:216 Resp: 322973

Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.8	95.8
179	20.5	16.4	24.6
108	21.6	15.6	23.4

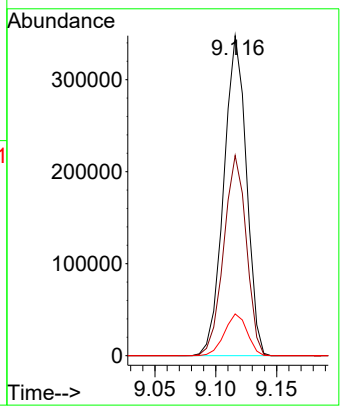




#41
Hexachlorocyclopentadiene
Concen: 92.196 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:237 Resp: 45009

Ion	Ratio	Lower	Upper
237	100		
235	62.5	43.0	83.0
272	13.1	0.0	33.3



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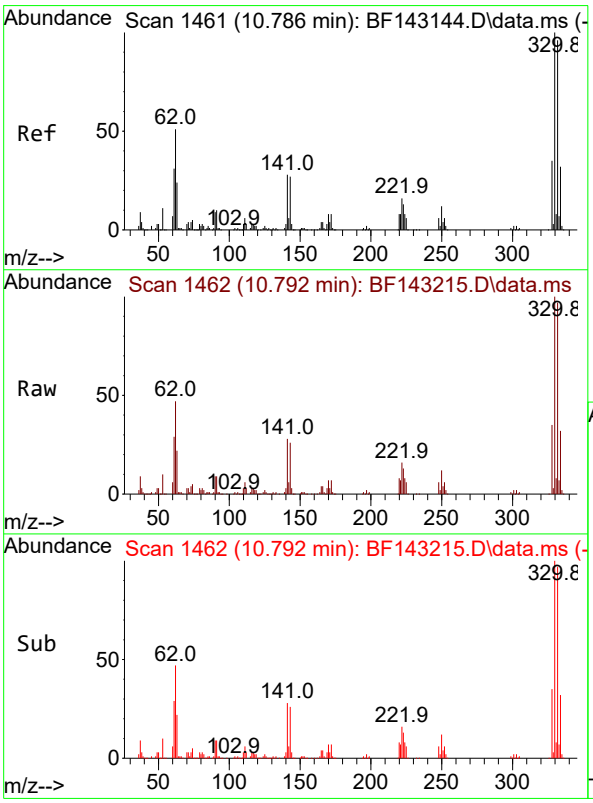
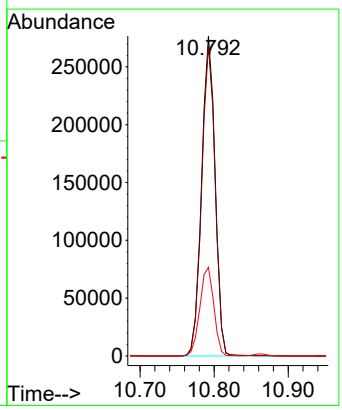
Supervised By :Jagrut Upadhyay 07/24/2025

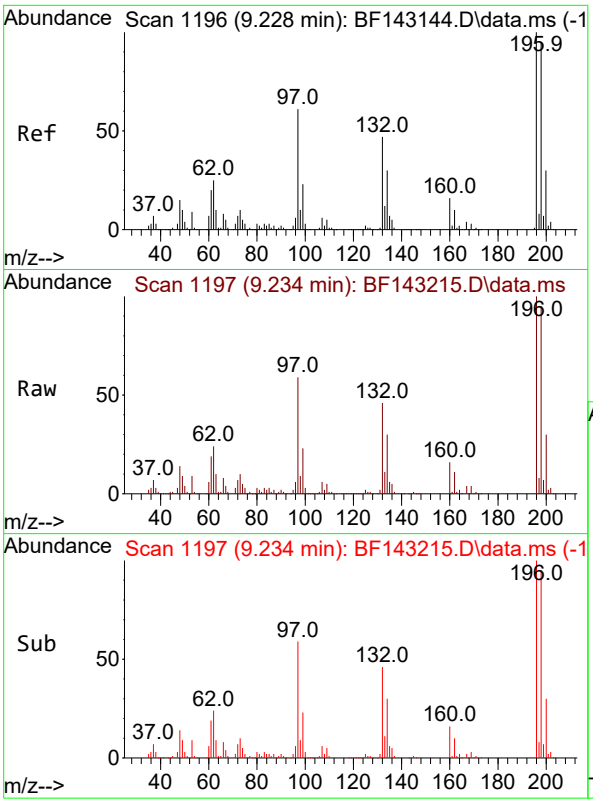


#42
2,4,6-Tribromophenol
Concen: 130.917 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:330 Resp: 351467

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.7	115.1
141	28.7	23.3	34.9

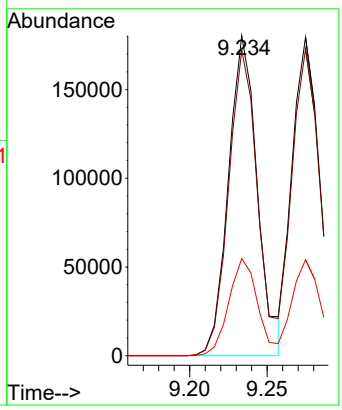




#43
2,4,6-Trichlorophenol
Concen: 45.033 ng
RT: 9.234 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:196 Resp: 23383

Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.2	114.2
200	30.4	23.9	35.9



Instrument :
BNA_F
ClientSampleId :
PB168948BS

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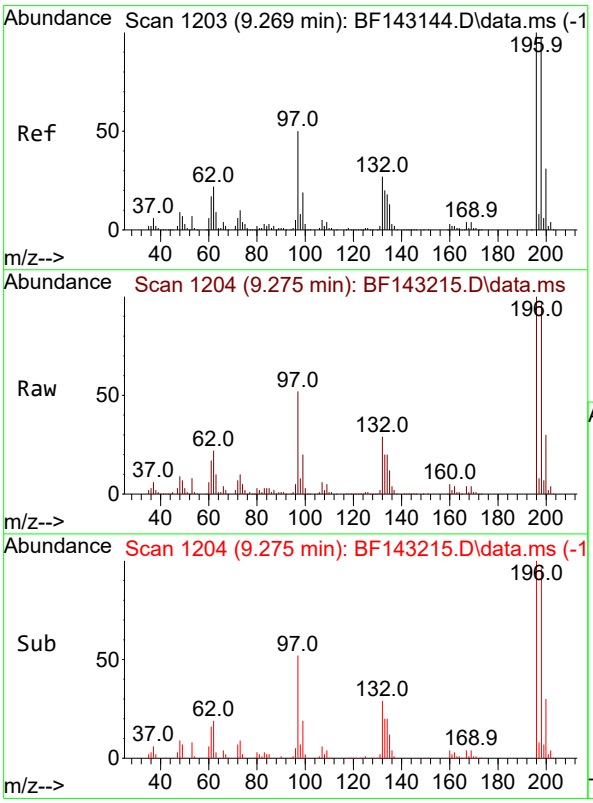
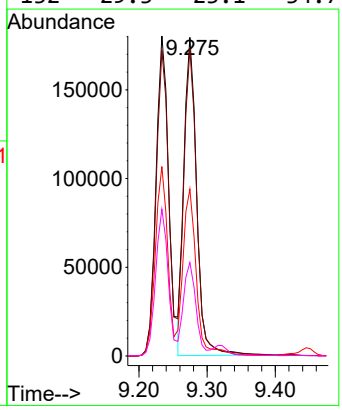
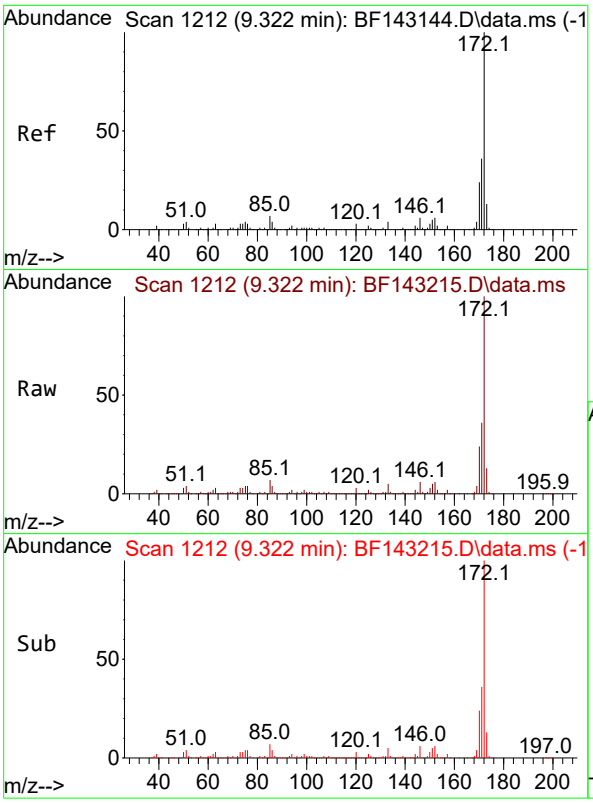


#44
2,4,5-Trichlorophenol
Concen: 44.750 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:196 Resp: 232441

Ion	Ratio	Lower	Upper
196	100		
198	96.4	77.3	115.9
97	52.4	40.3	60.5
132	29.3	23.1	34.7

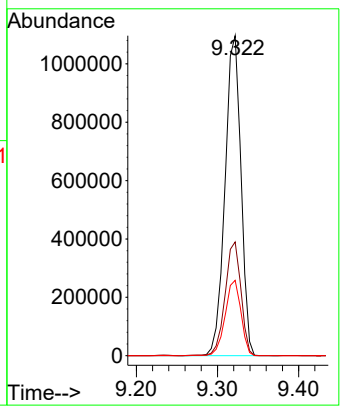




#45
2-Fluorobiphenyl
Concen: 78.743 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:172 Resp: 149626

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	23.6	18.8	28.2



Instrument :
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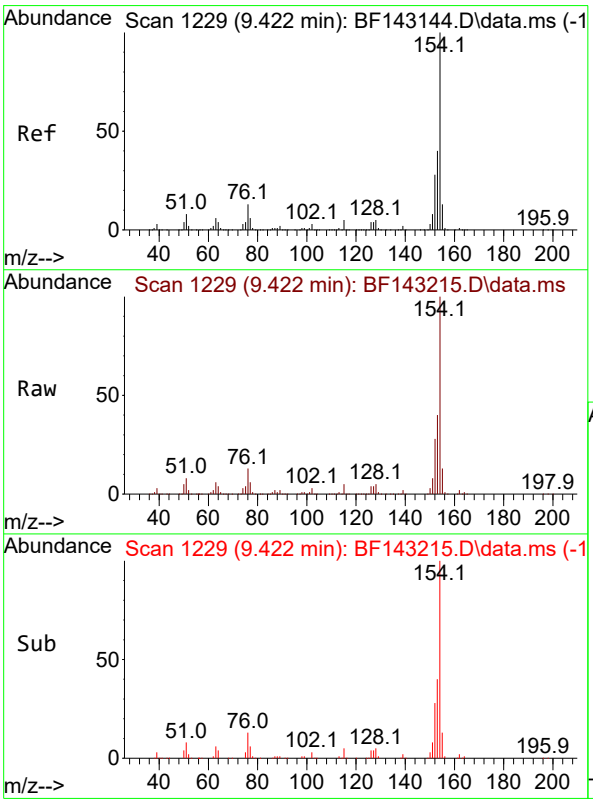
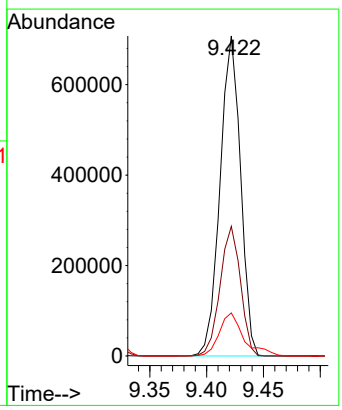
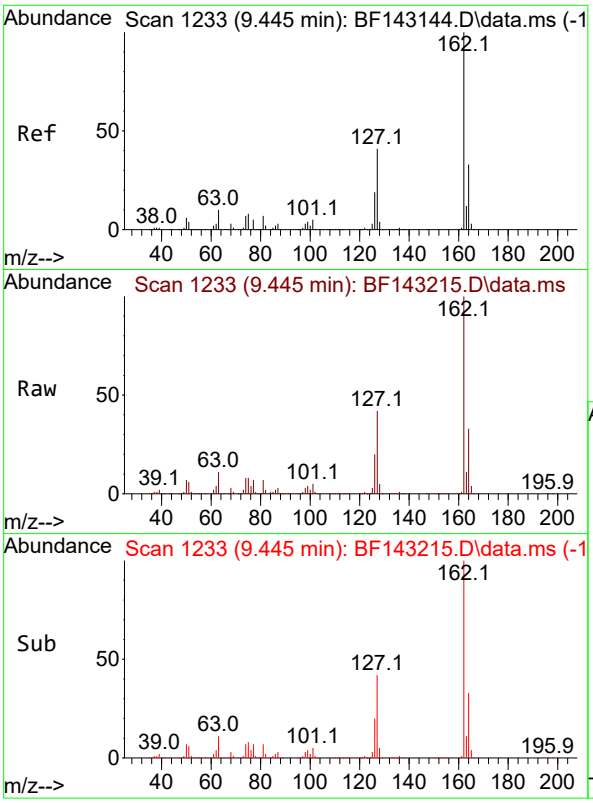


#46
1,1'-Biphenyl
Concen: 43.775 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:154 Resp: 887556

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	13.4	0.0	33.3

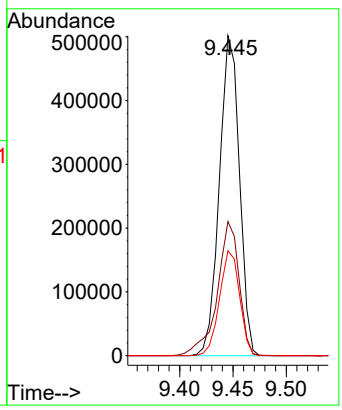




#47
2-Chloronaphthalene
Concen: 43.736 ng
RT: 9.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:162 Resp: 65614

Ion	Ratio	Lower	Upper
162	100		
127	41.9	33.4	50.2
164	32.8	26.2	39.2



Instrument :
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ClientSampleId :
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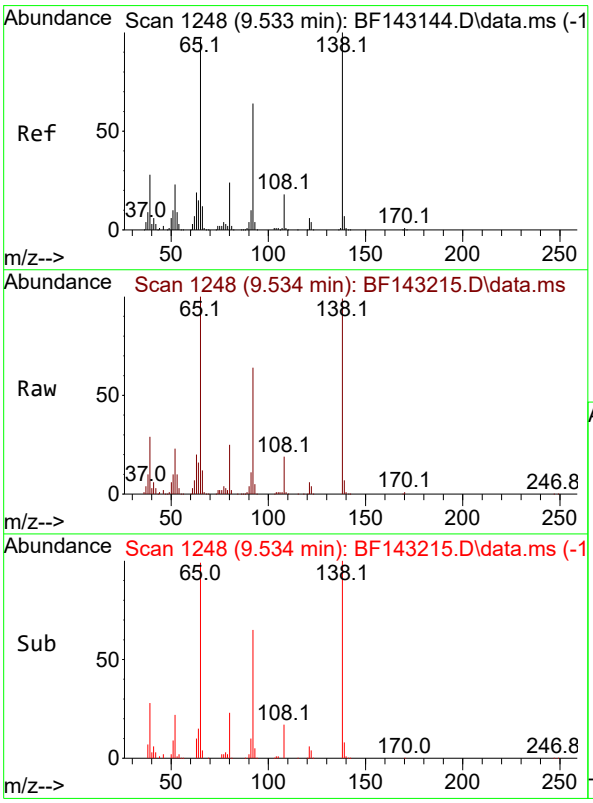
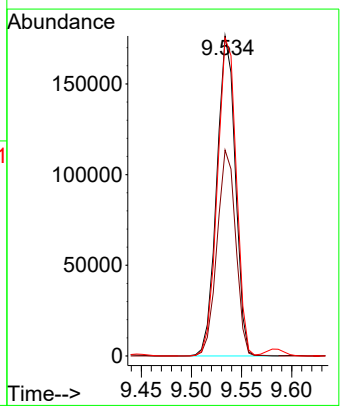
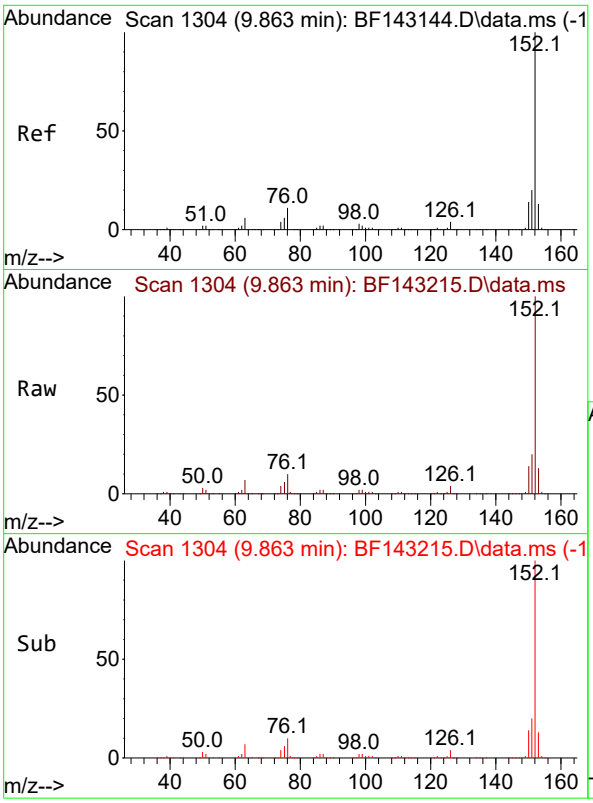


#48
2-Nitroaniline
Concen: 48.246 ng
RT: 9.534 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion: 65 Resp: 226980

Ion	Ratio	Lower	Upper
65	100		
92	64.4	52.4	78.6
138	99.3	82.3	123.5

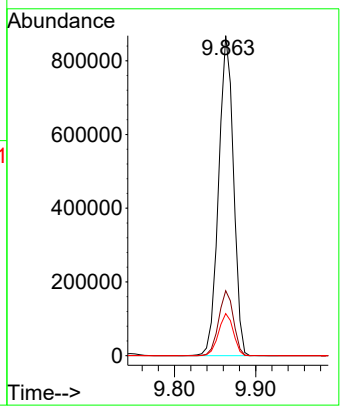




#49
Acenaphthylene
Concen: 44.027 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:152 Resp: 110691

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.2	10.6	16.0



Instrument :
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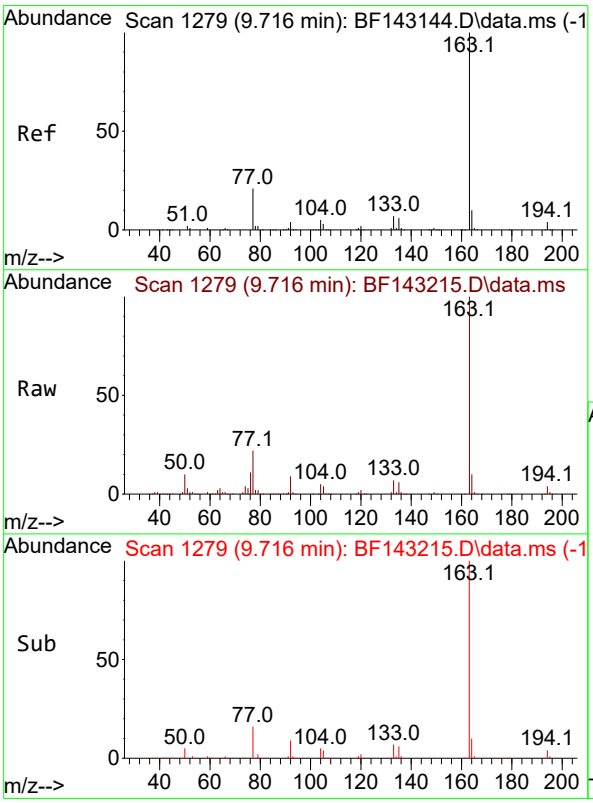
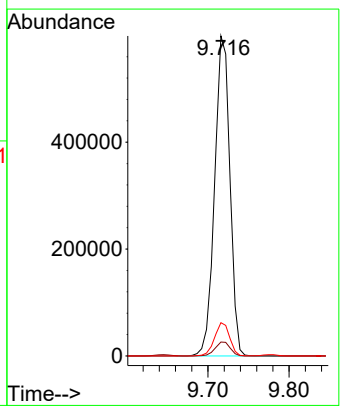
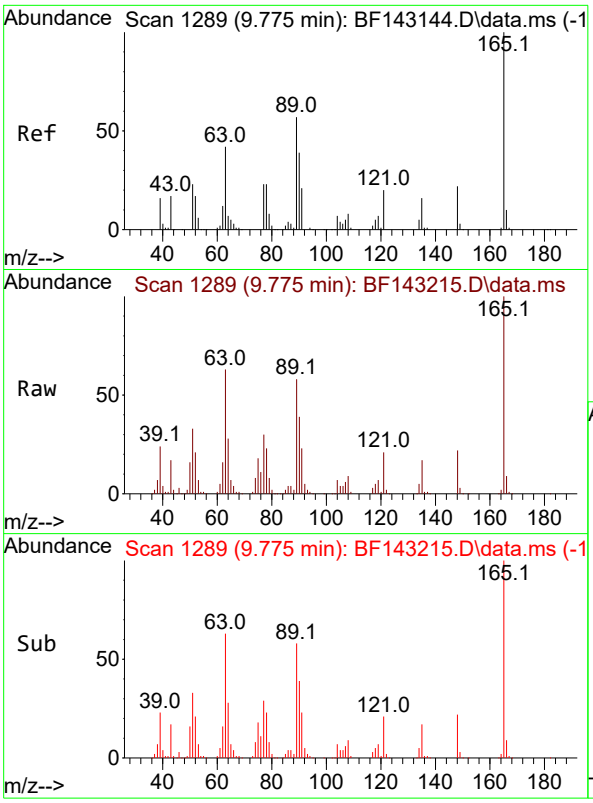


#50
Dimethylphthalate
Concen: 46.265 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:163 Resp: 783709

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.4	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 50.256 ng
RT: 9.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:165 Resp: 17317

Ion	Ratio	Lower	Upper
165	100		
63	63.2	49.4	74.2
89	58.0	46.2	69.2

Instrument :
BNA_F
ClientSampleId :
PB168948BS

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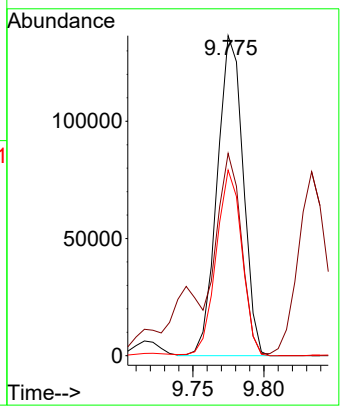
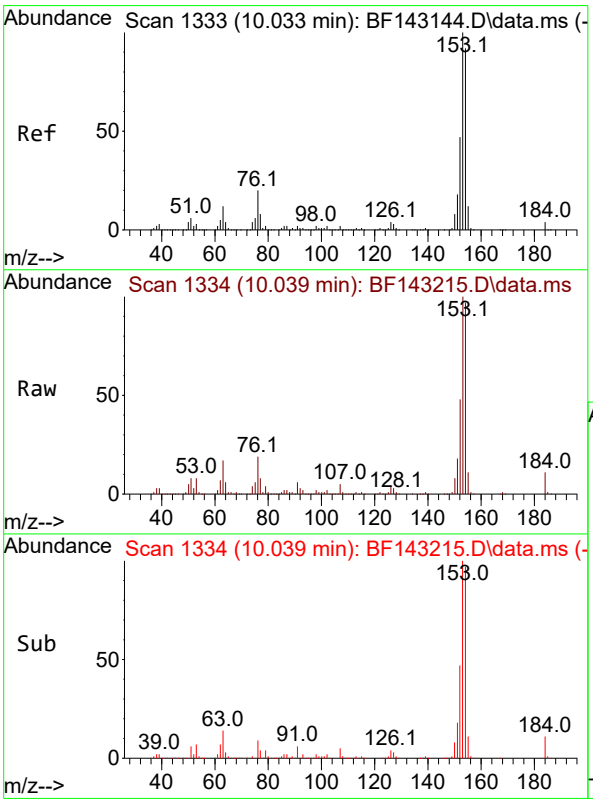
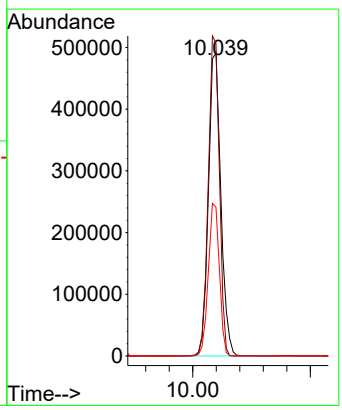


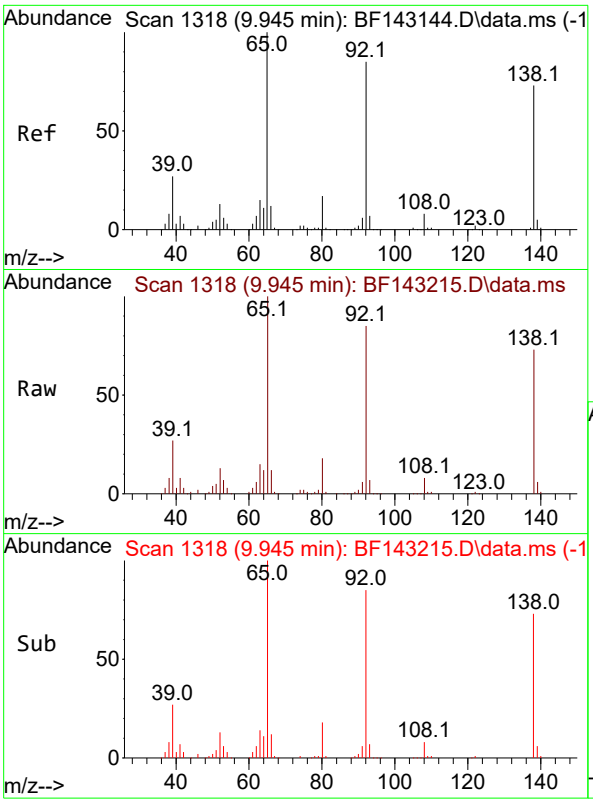


#52
Acenaphthene
Concen: 48.343 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:154 Resp: 718361

Ion	Ratio	Lower	Upper
154	100		
153	103.2	86.6	129.8
152	49.1	40.4	60.6





#53
3-Nitroaniline
Concen: 32.726 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:138 Resp: 13190

Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.0	13.6
92	116.1	93.0	139.4

Instrument :
BNA_F
ClientSampleId :
PB168948BS

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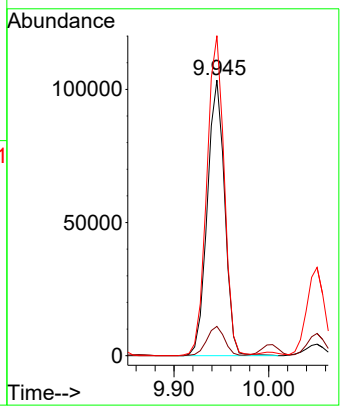
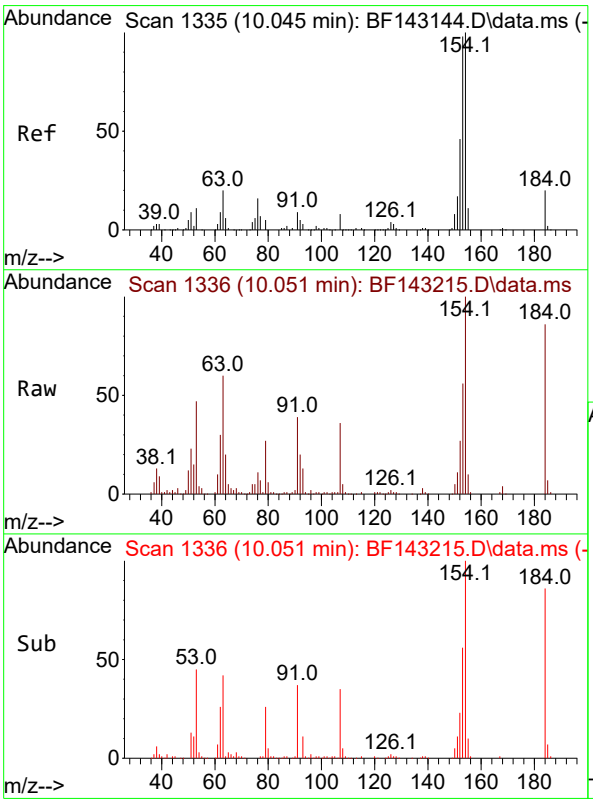
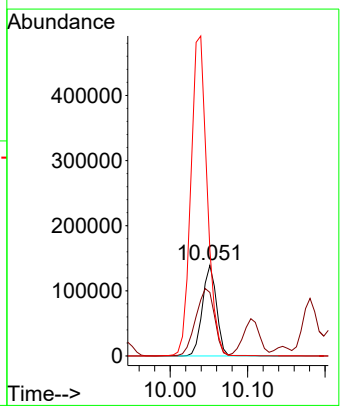


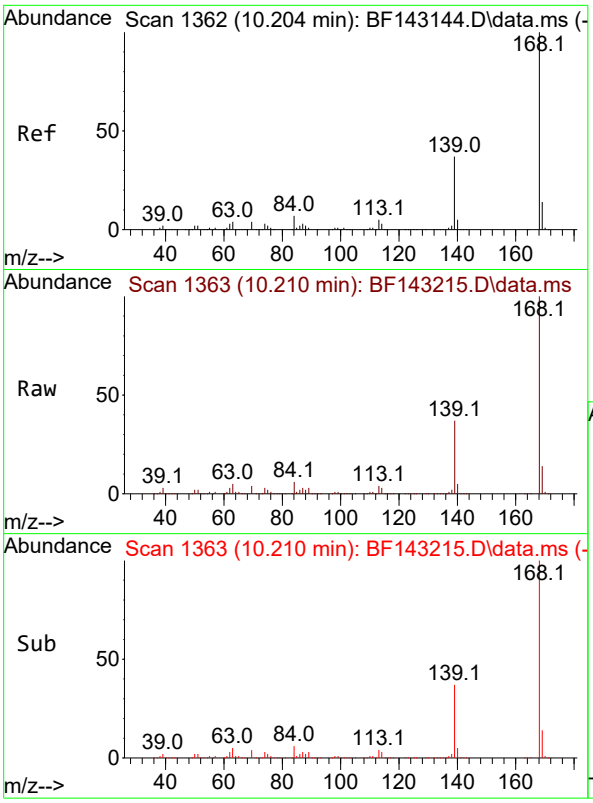


#54
2,4-Dinitrophenol
Concen: 110.471 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:184 Resp: 176857

Ion	Ratio	Lower	Upper
184	100		
63	70.1	81.8	122.6#
154	116.8	412.2	618.4#

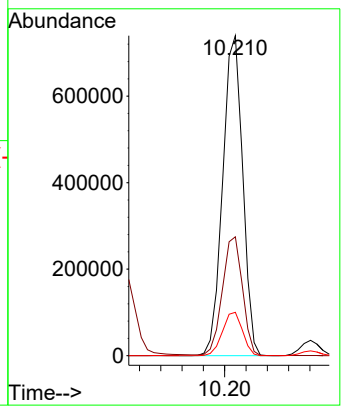




#55
Dibenzofuran
Concen: 43.643 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:168 Resp: 96285

Ion	Ratio	Lower	Upper
168	100		
139	37.1	29.5	44.3
169	13.5	10.9	16.3



Instrument :
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ClientSampleId :
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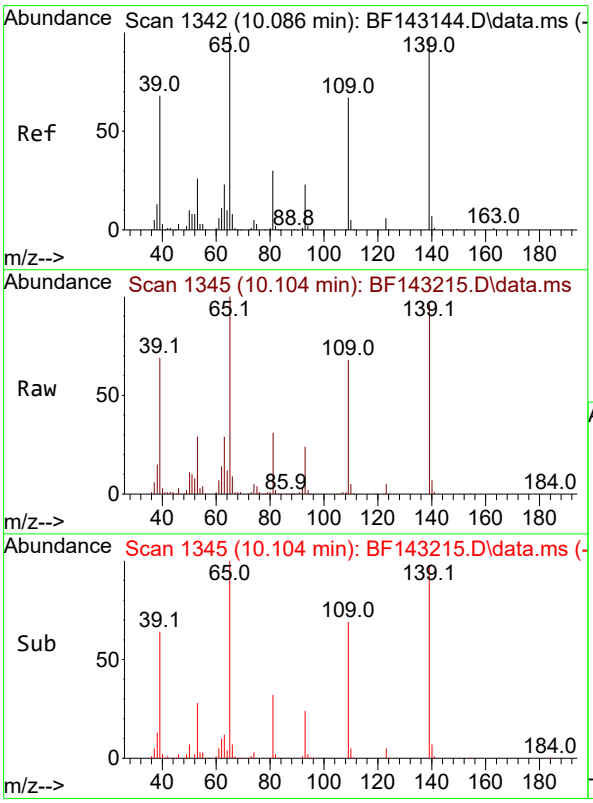
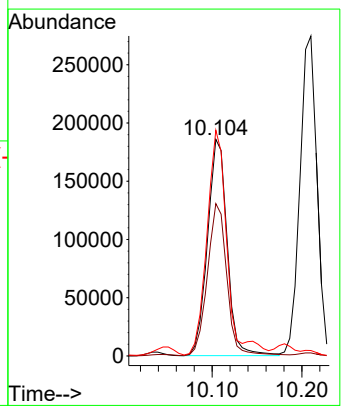
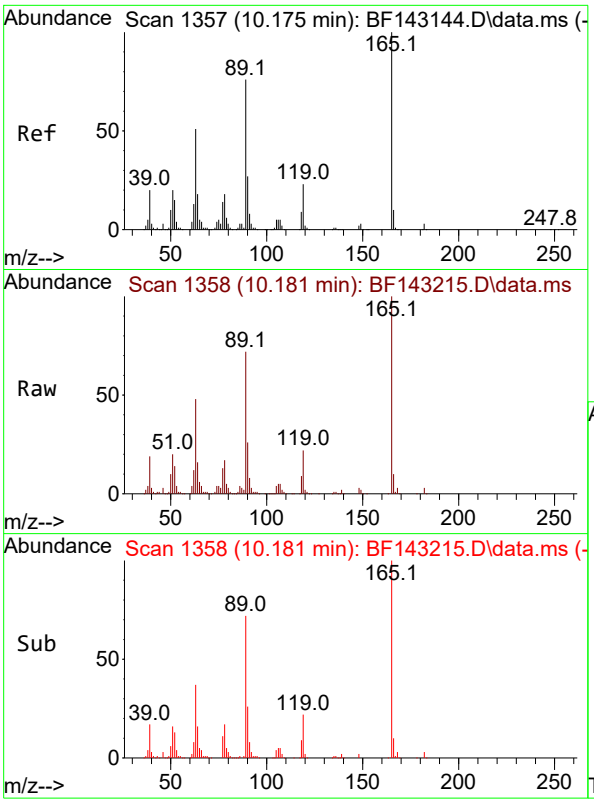


#56
4-Nitrophenol
Concen: 93.885 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:139 Resp: 282579

Ion	Ratio	Lower	Upper
139	100		
109	70.3	48.5	88.5
65	104.2	83.4	123.4

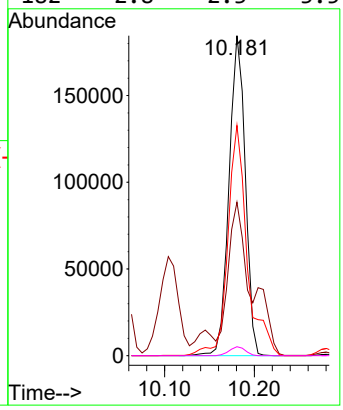




#57
2,4-Dinitrotoluene
Concen: 53.697 ng
RT: 10.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:165 Resp: 23214

Ion	Ratio	Lower	Upper
165	100		
63	48.0	41.0	61.4
89	71.9	61.1	91.7
182	2.8	2.3	3.5



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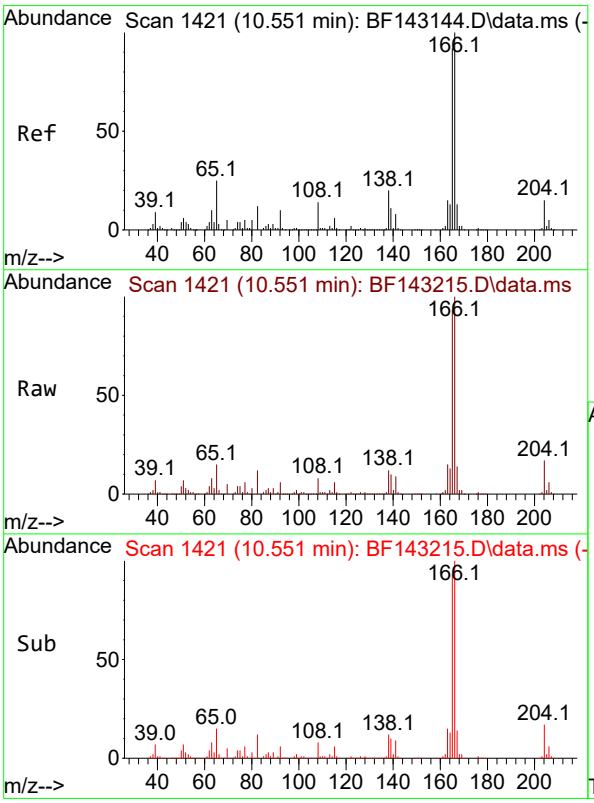
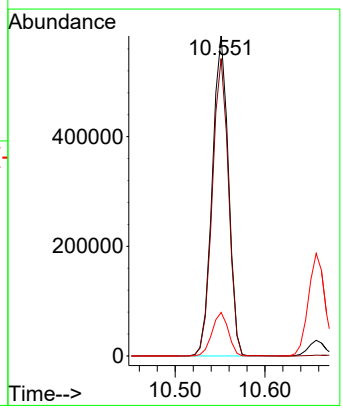
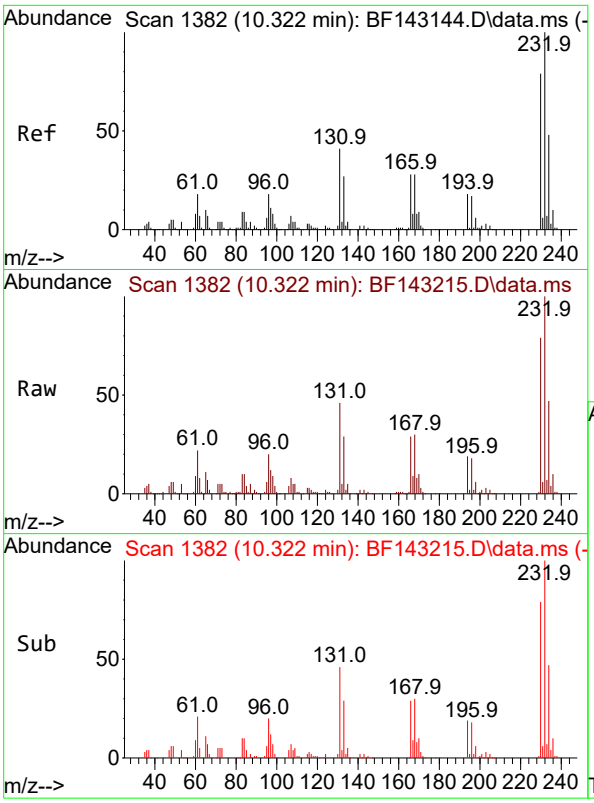


#58
Fluorene
Concen: 44.062 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:166 Resp: 729587

Ion	Ratio	Lower	Upper
166	100		
165	92.9	73.7	110.5
167	13.6	10.6	16.0

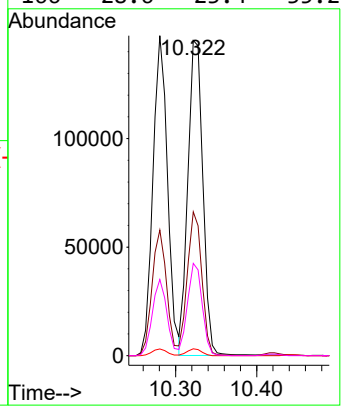




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.284 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:232 Resp: 18623

Ion	Ratio	Lower	Upper
232	100		
131	44.0	35.3	52.9
130	2.1	1.7	2.5
166	28.6	23.4	35.2



Instrument :
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ClientSampleId :
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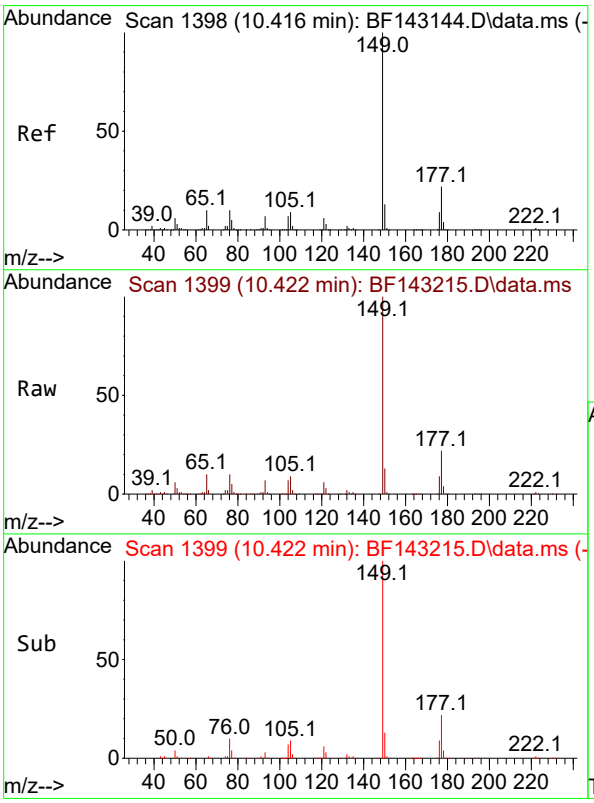
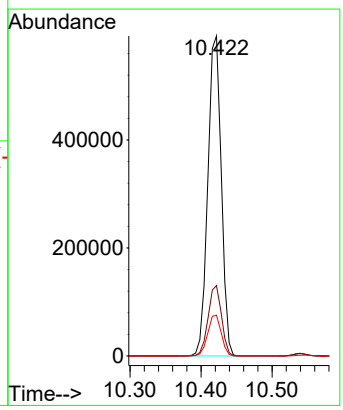
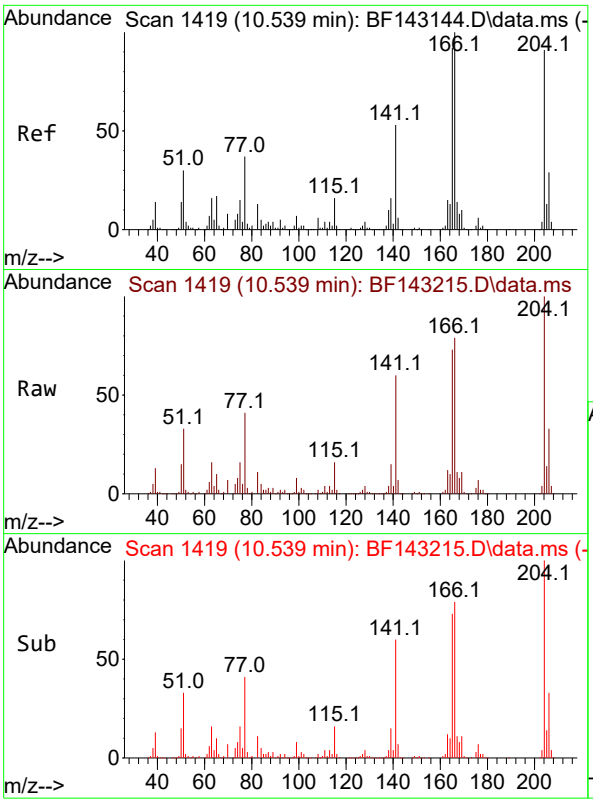


#60
Diethylphthalate
Concen: 46.645 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:149 Resp: 780972

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.5	26.3
150	12.8	10.2	15.2

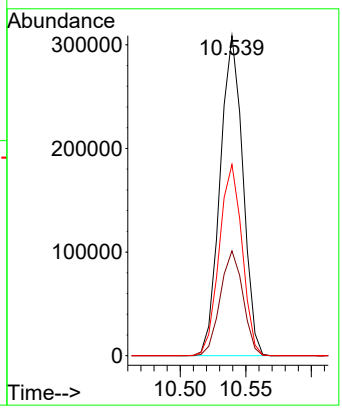




#61
4-Chlorophenyl-phenylether
Concen: 45.128 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:204 Resp: 37207

Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.8	38.8
141	59.8	47.0	70.4



Instrument :
BNA_F
ClientSampleId :
PB168948BS

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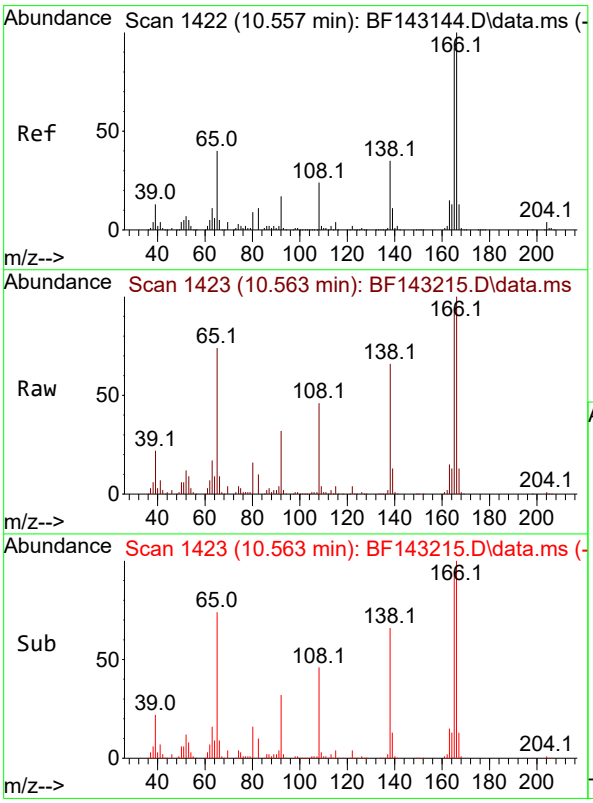
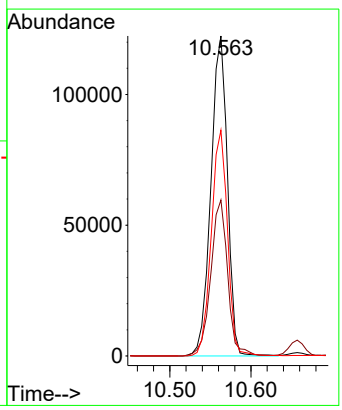
Supervised By :Jagrut Upadhyay 07/24/2025

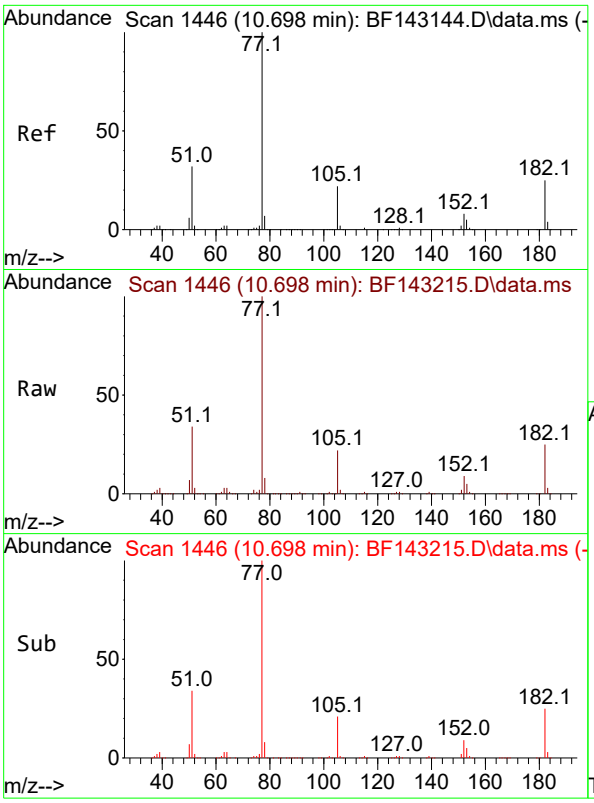


#62
4-Nitroaniline
Concen: 50.083 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:138 Resp: 173011

Ion	Ratio	Lower	Upper
138	100		
92	48.7	29.3	69.3
108	70.6	48.3	88.3

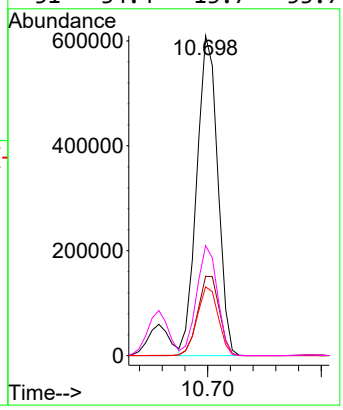




#63
Azobenzene
Concen: 44.738 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion: 77 Resp: 78067

Ion	Ratio	Lower	Upper
77	100		
182	24.8	4.6	44.6
105	21.5	1.4	41.4
51	34.4	13.7	53.7



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ClientSampleId :
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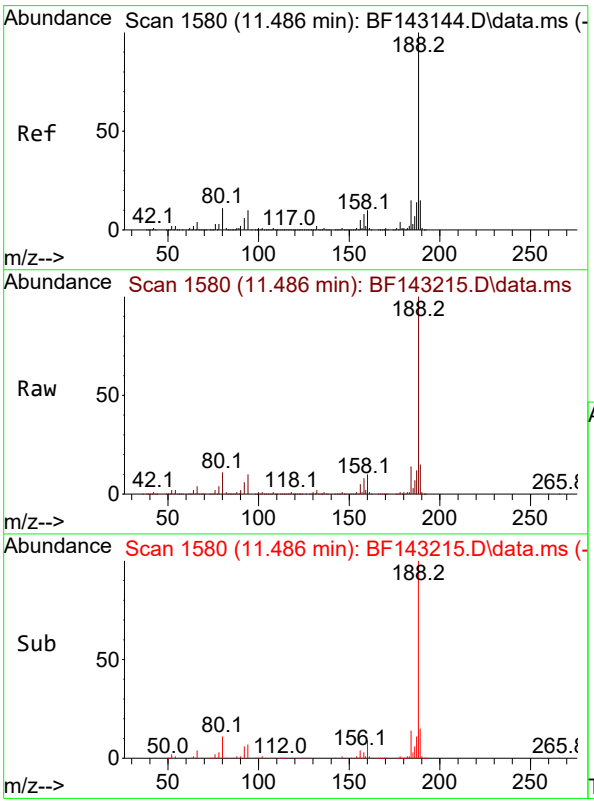
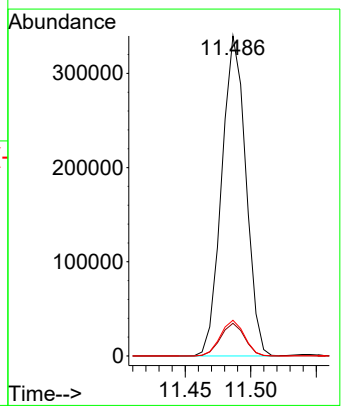
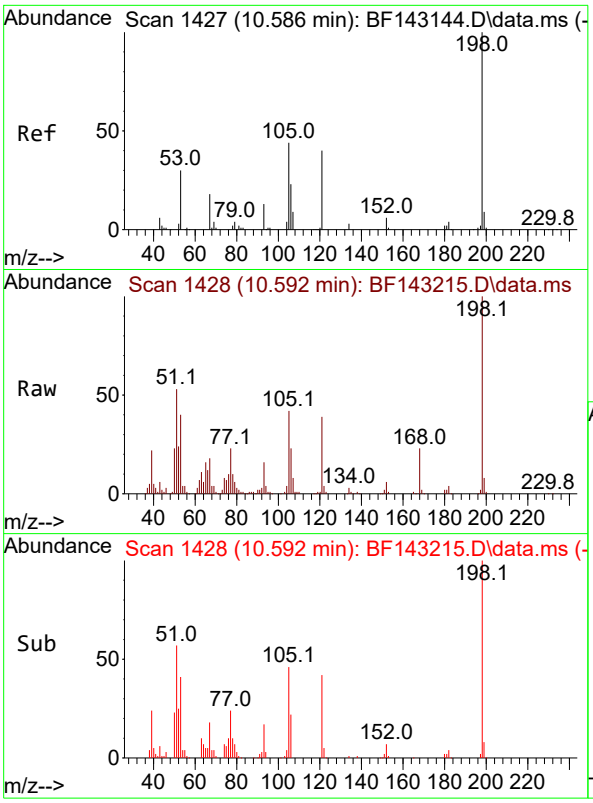


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:188 Resp: 435477

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.3	12.5
80	11.1	9.0	13.6

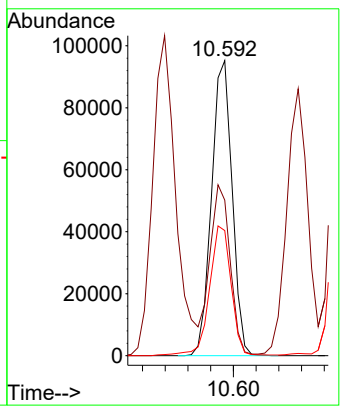




#65
4,6-Dinitro-2-methylphenol
Concen: 51.921 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:198 Resp: 11966

Ion	Ratio	Lower	Upper
198	100		
51	52.7	37.2	77.2
105	42.4	24.8	64.8



Instrument :
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ClientSampleId :
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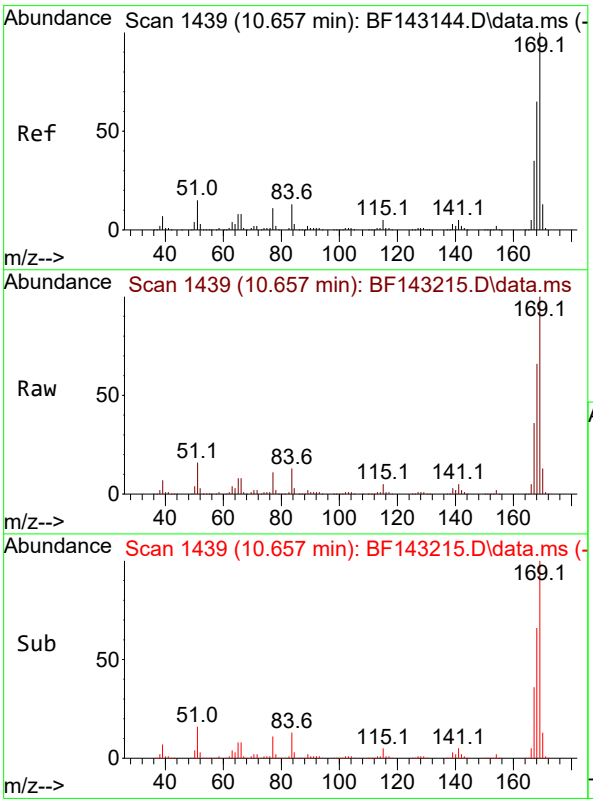
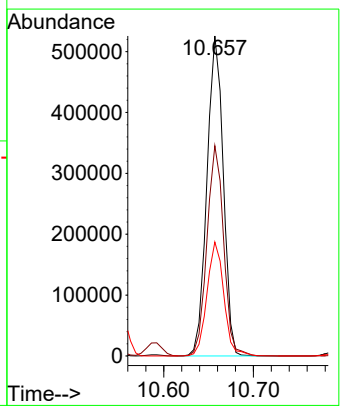
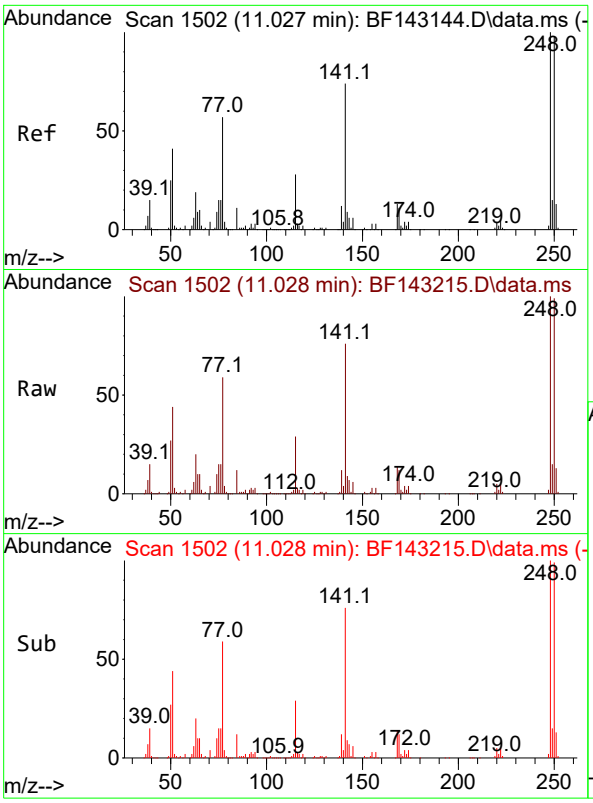


#66
n-Nitrosodiphenylamine
Concen: 43.334 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:169 Resp: 664504

Ion	Ratio	Lower	Upper
169	100		
168	65.7	52.1	78.1
167	35.6	28.2	42.2

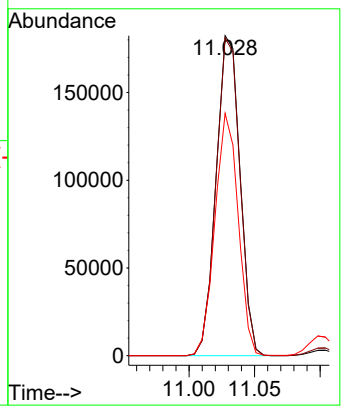




#67
4-Bromophenyl-phenylether
Concen: 44.672 ng
RT: 11.028 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:248 Resp: 23183

Ion	Ratio	Lower	Upper
248	100		
250	99.3	78.3	117.5
141	75.7	59.2	88.8



Instrument :
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ClientSampleId :
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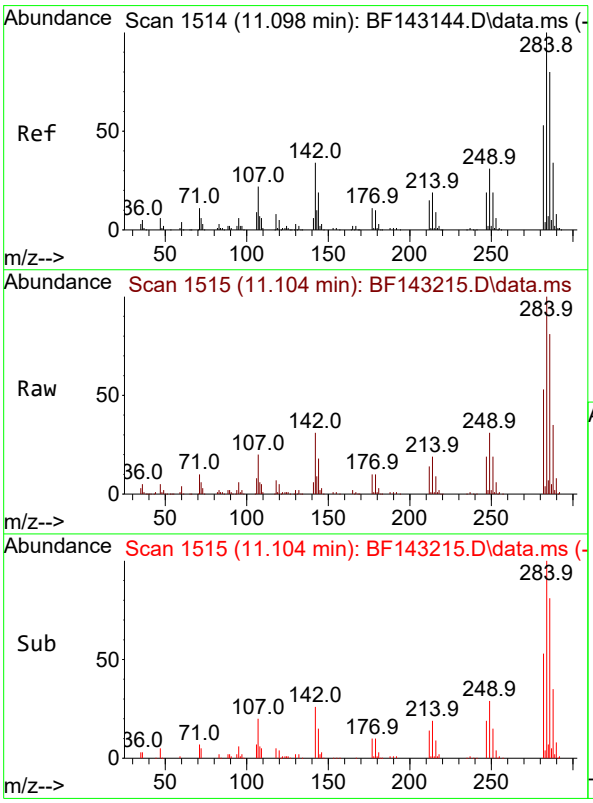
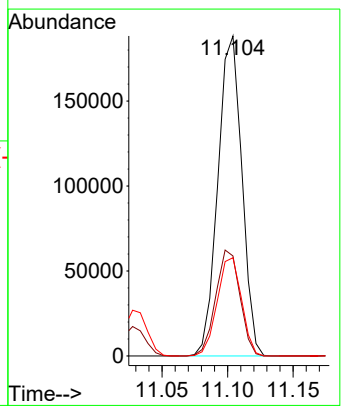
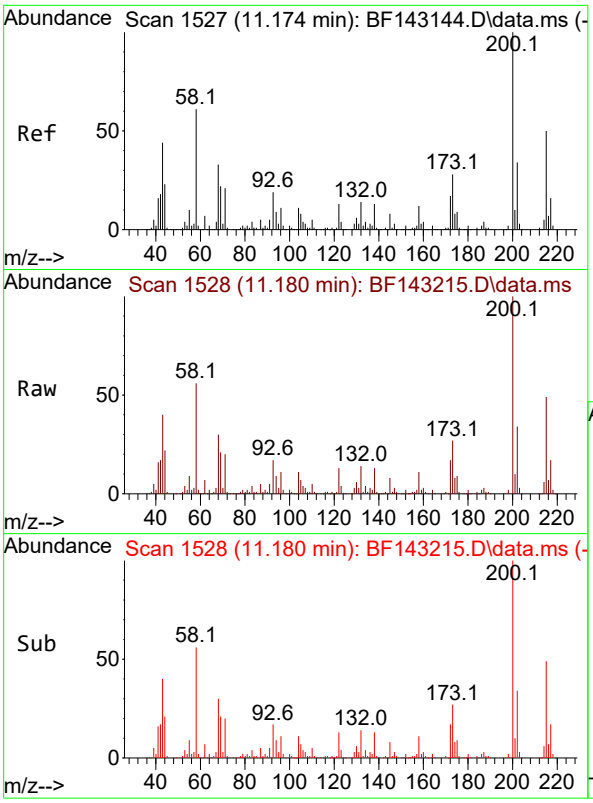


#68
Hexachlorobenzene
Concen: 44.087 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:284 Resp: 239145

Ion	Ratio	Lower	Upper
284	100		
142	31.2	27.0	40.6
249	30.7	25.0	37.6

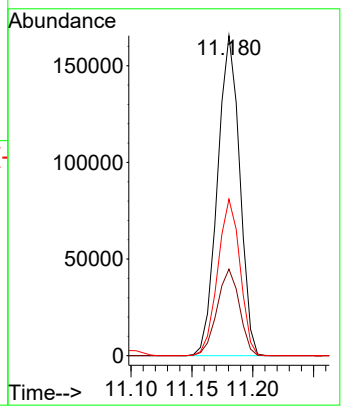




#69
Atrazine
Concen: 49.820 ng
RT: 11.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:200 Resp: 21061

Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.9	47.9
215	48.9	30.1	70.1



Instrument :
BNA_F
ClientSampleId :
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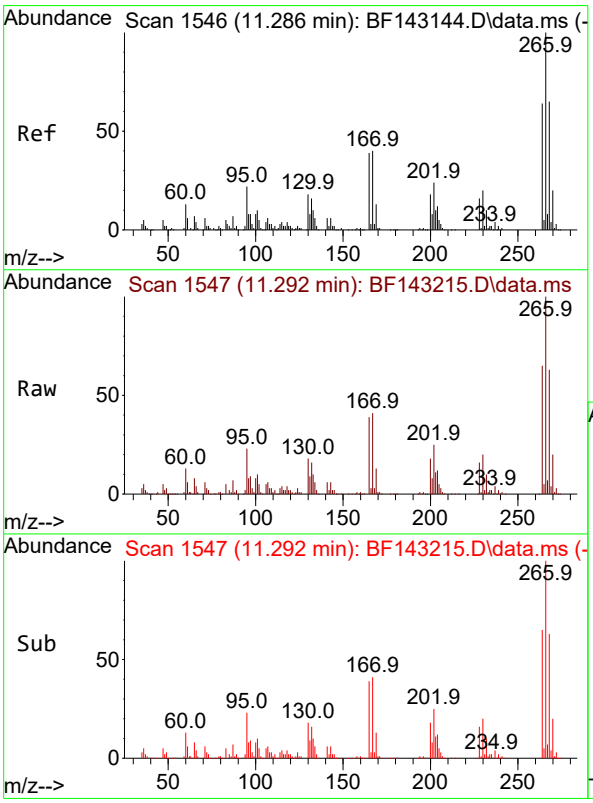
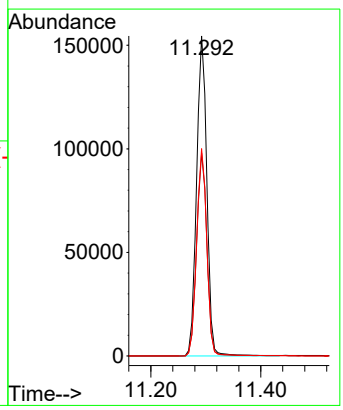
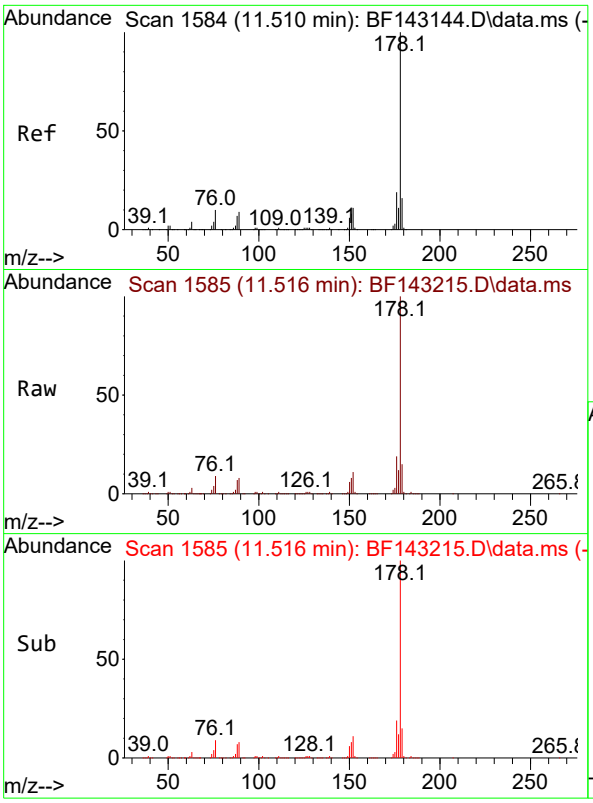


#70
Pentachlorophenol
Concen: 62.747 ng
RT: 11.292 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:266 Resp: 200160

Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.9	77.9
264	64.8	51.0	76.6

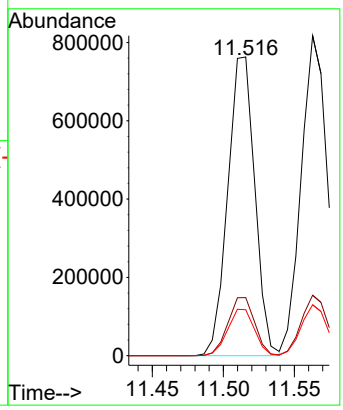




#71
Phenanthrene
Concen: 43.850 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:178 Resp: 101391

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.4	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
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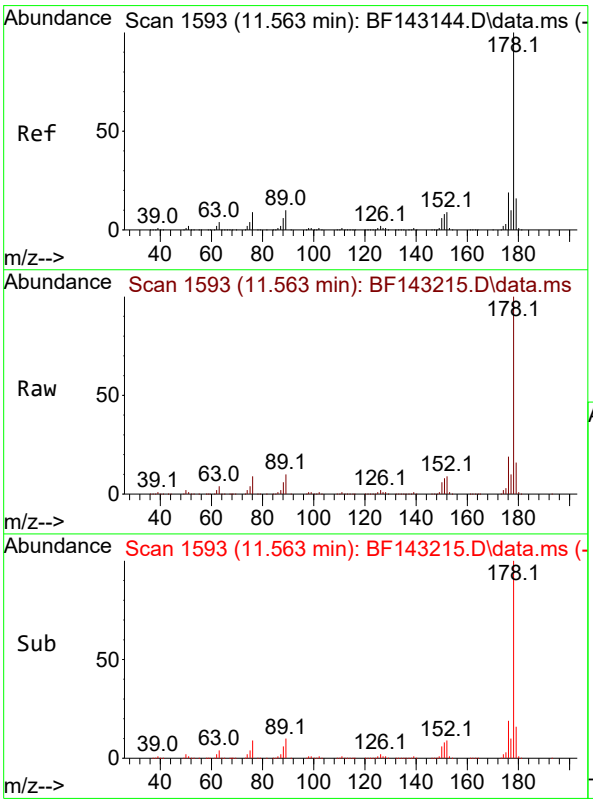
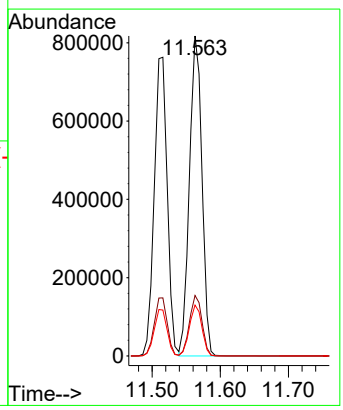
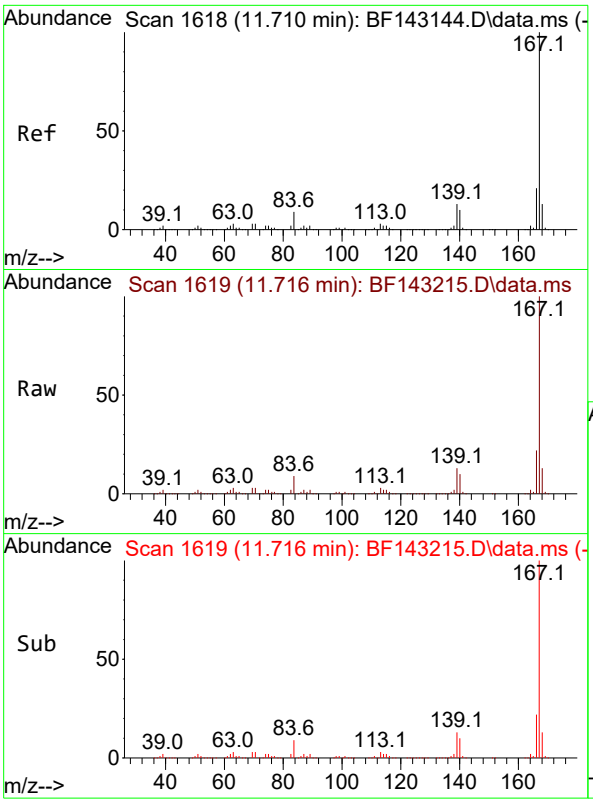


#72
Anthracene
Concen: 43.952 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:178 Resp: 1036500

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.9	12.5	18.7

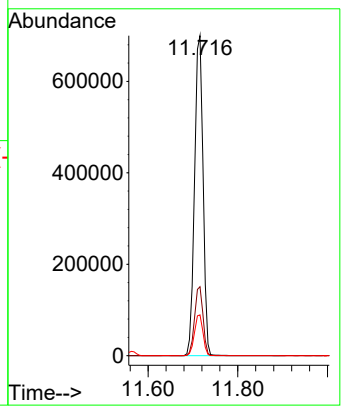




#73
Carbazole
Concen: 44.625 ng
RT: 11.716 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:167 Resp: 91892

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.6
139	12.8	10.0	15.0



Instrument :
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ClientSampleId :
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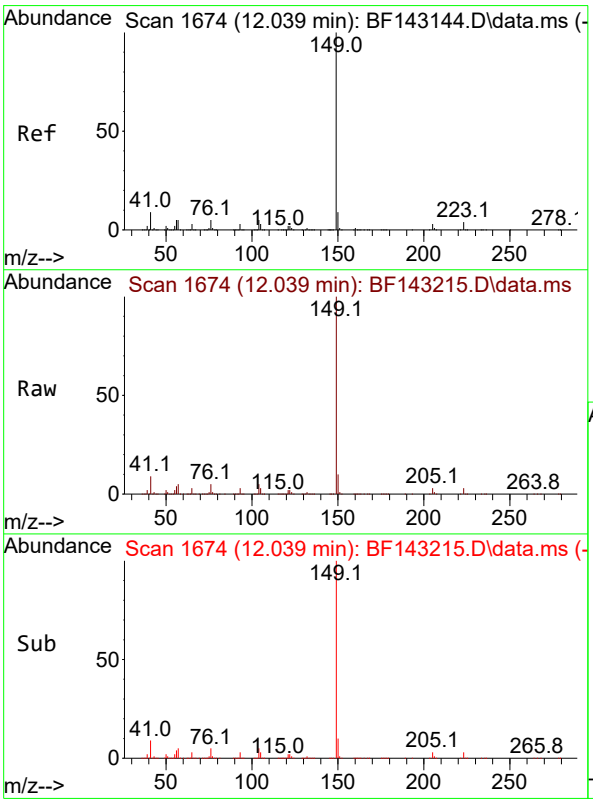
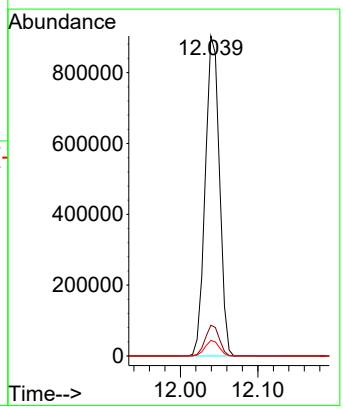
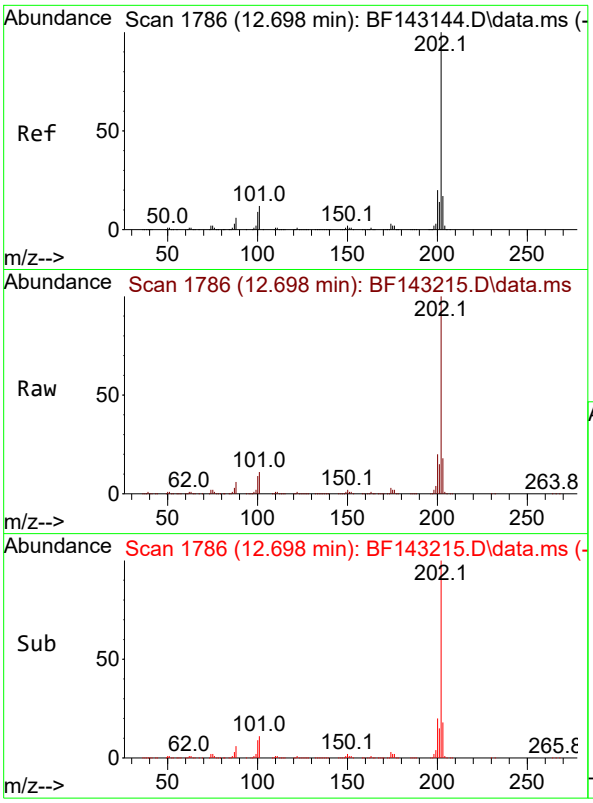


#74
Di-n-butylphthalate
Concen: 49.223 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:149 Resp: 1146896

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.4	11.2
104	4.8	3.8	5.8

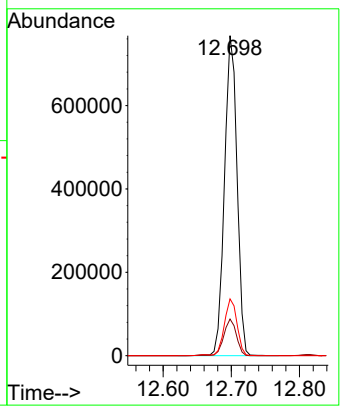




#75
Fluoranthene
Concen: 46.409 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:202 Resp: 98495

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.7
203	17.7	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
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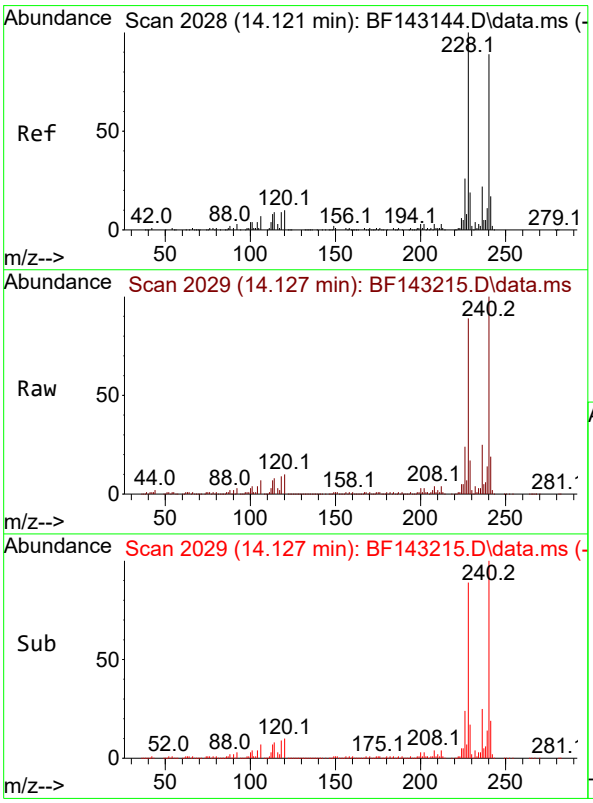
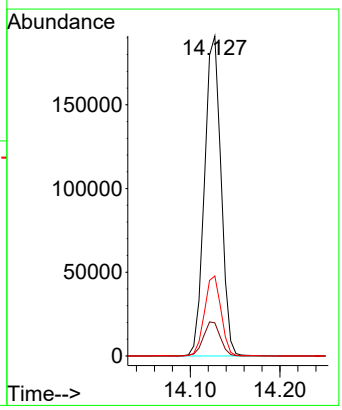
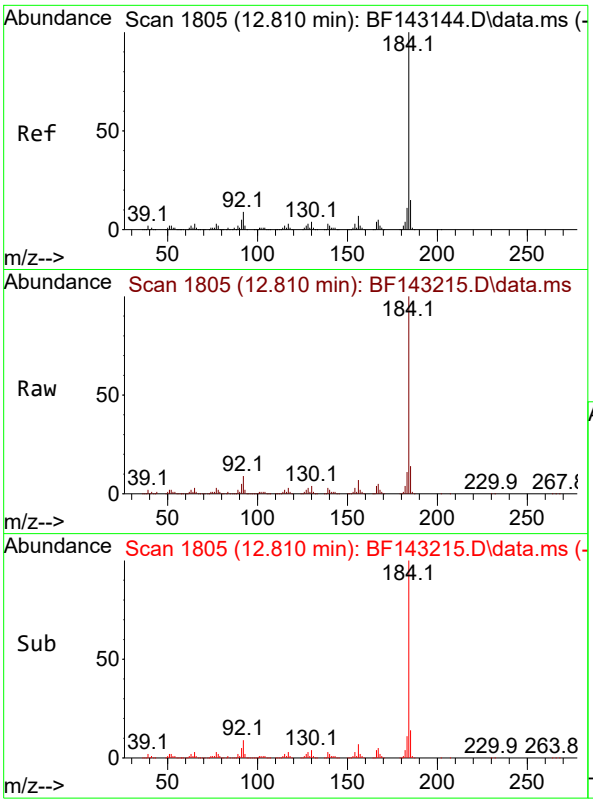


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:240 Resp: 244161

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.4	14.2
236	25.0	20.2	30.4

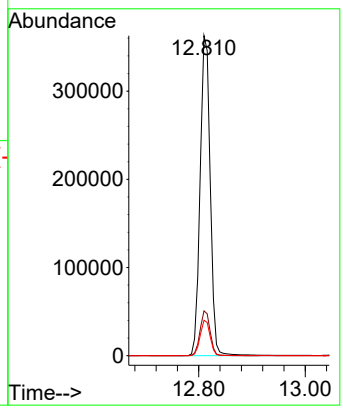




#77
Benzidine
Concen: 50.668 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:184 Resp: 47662

Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.2	18.4
183	11.0	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
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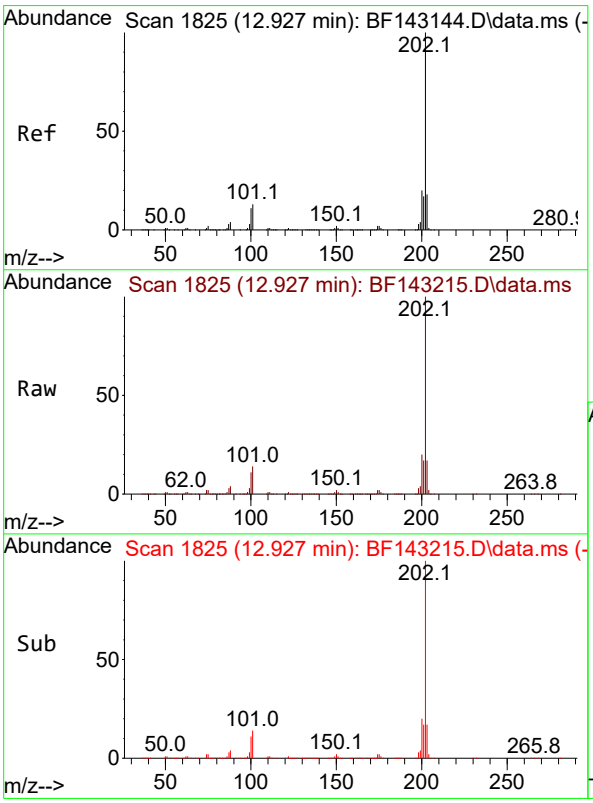
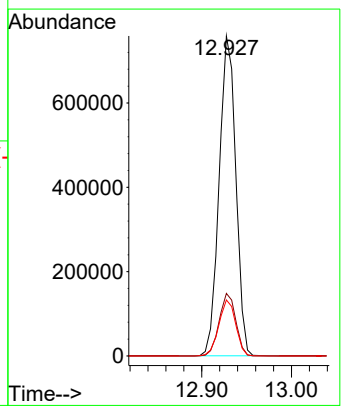
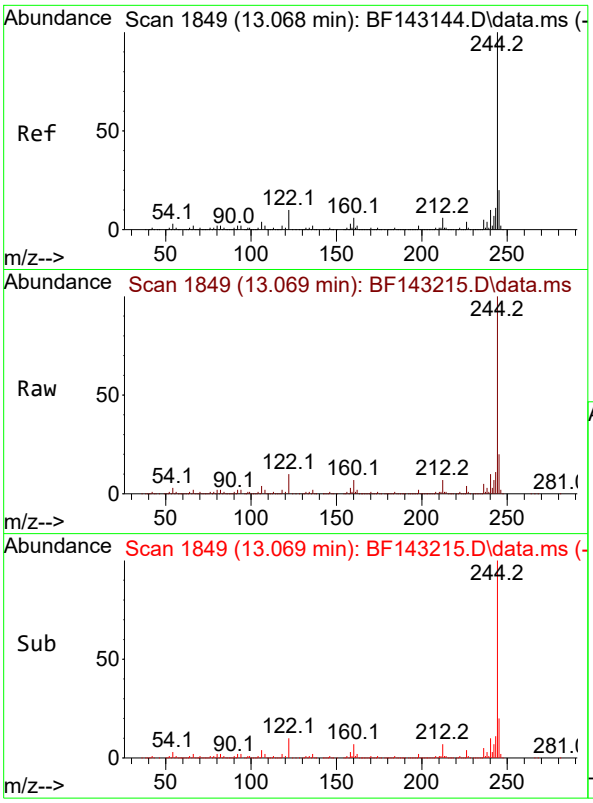


#78
Pyrene
Concen: 47.010 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:202 Resp: 979588

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.7	23.5
203	17.5	14.2	21.2

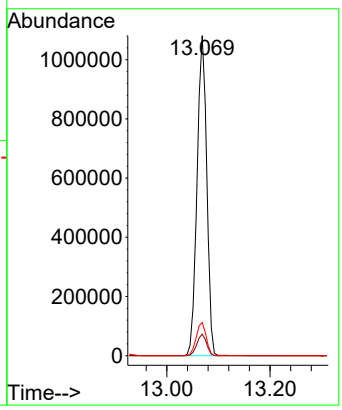




#79
Terphenyl-d14
Concen: 85.720 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:244 Resp: 140644

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.2	7.8
122	10.3	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
PB168948BS

Manual Integrations
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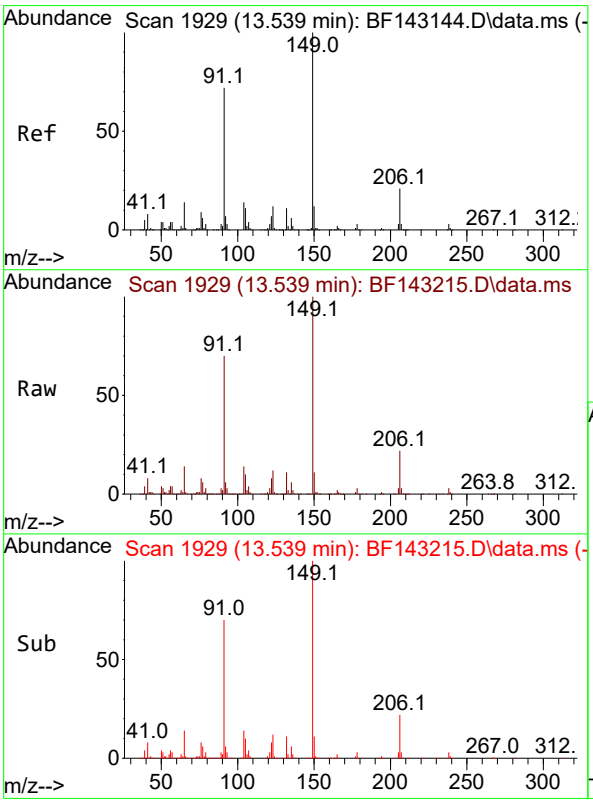
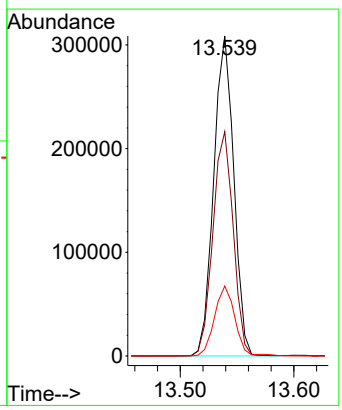
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

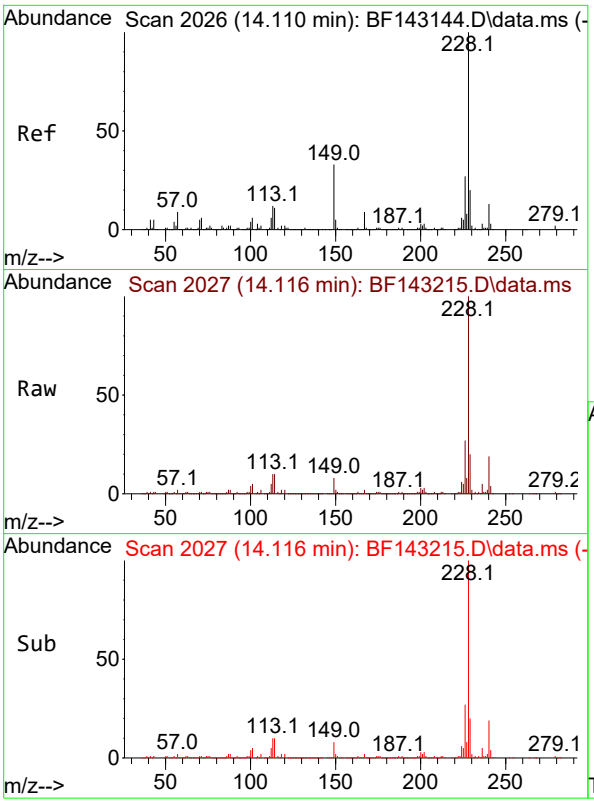


#80
Butylbenzylphthalate
Concen: 59.443 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:149 Resp: 379300

Ion	Ratio	Lower	Upper
149	100		
91	70.1	57.9	86.9
206	21.9	17.0	25.4

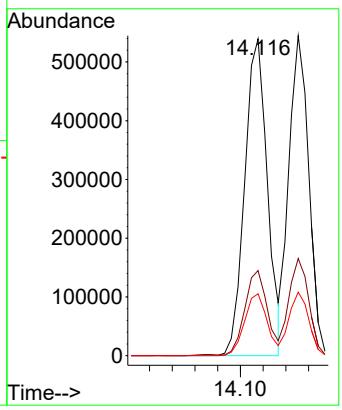




#81
Benzo(a)anthracene
Concen: 45.797 ng
RT: 14.116 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:228 Resp: 74861

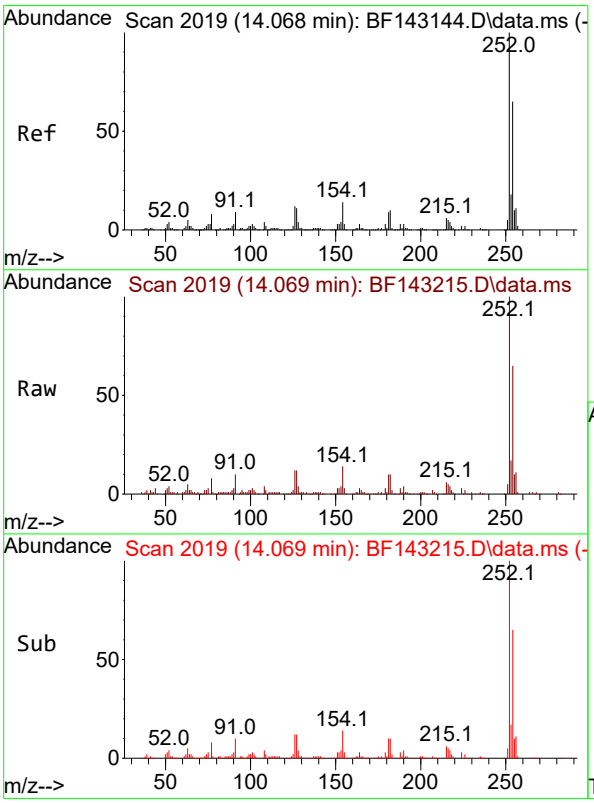
Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	19.6	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
PB168948BS

Manual Integrations APPROVED

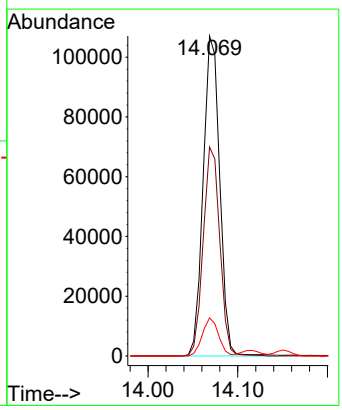
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

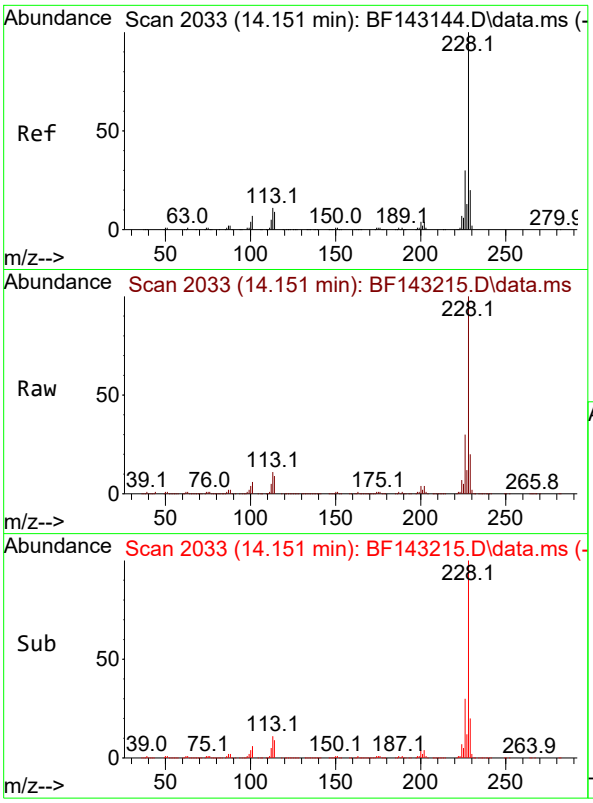


#82
3,3'-Dichlorobenzidine
Concen: 25.204 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:252 Resp: 137313

Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.7	77.5
126	11.9	9.4	14.0

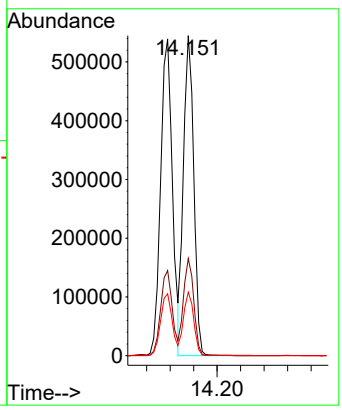




#83
Chrysene
Concen: 45.286 ng
RT: 14.151 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:228 Resp: 66557

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.8
229	19.9	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
PB168948BS

Manual Integrations
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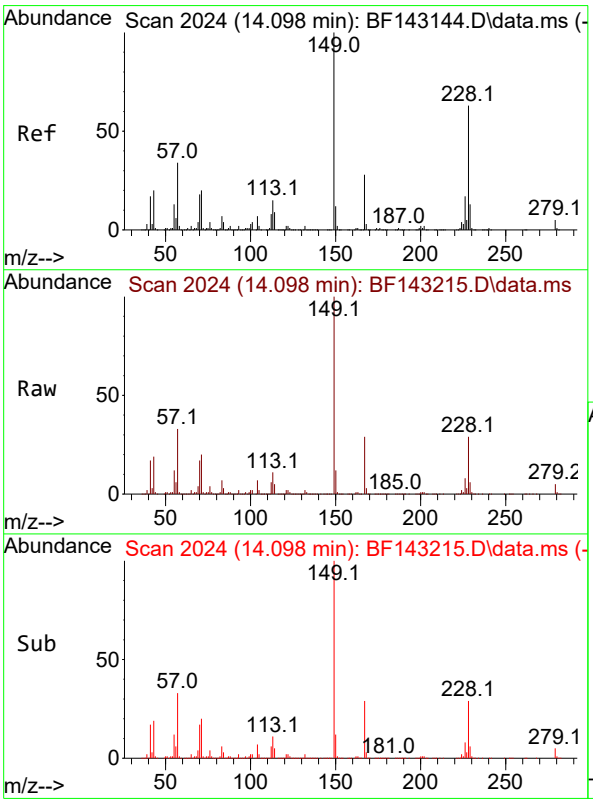
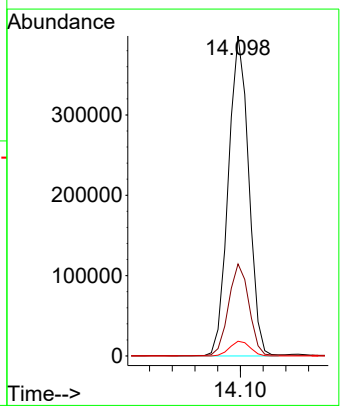
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

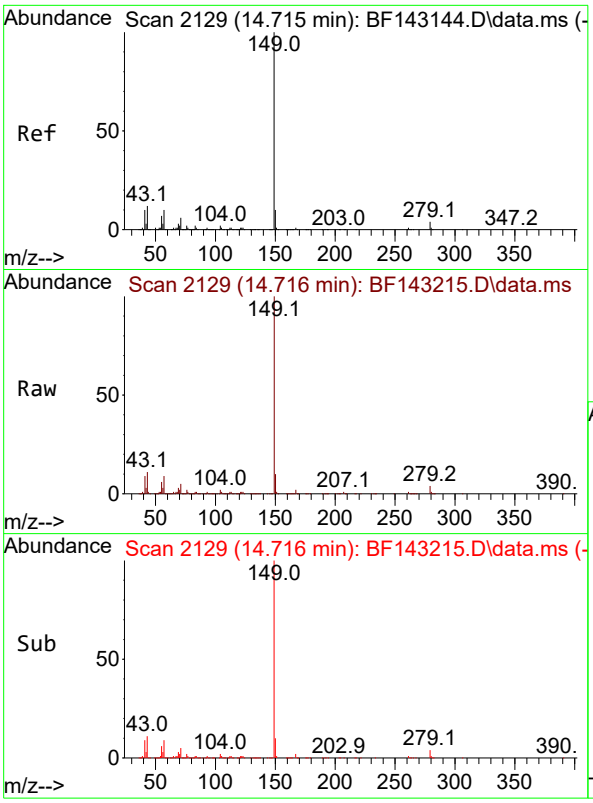


#84
Bis(2-ethylhexyl)phthalate
Concen: 51.274 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:149 Resp: 495206

Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.3	33.5
279	4.6	3.6	5.4





#85
Di-n-octyl phthalate
Concen: 46.722 ng
RT: 14.716 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

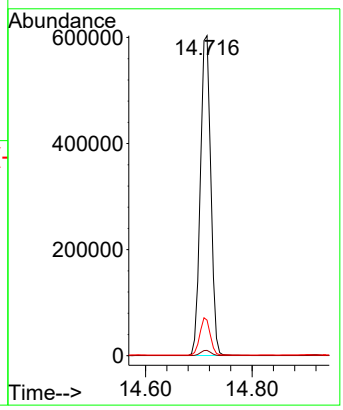
Tgt Ion:149 Resp: 81794

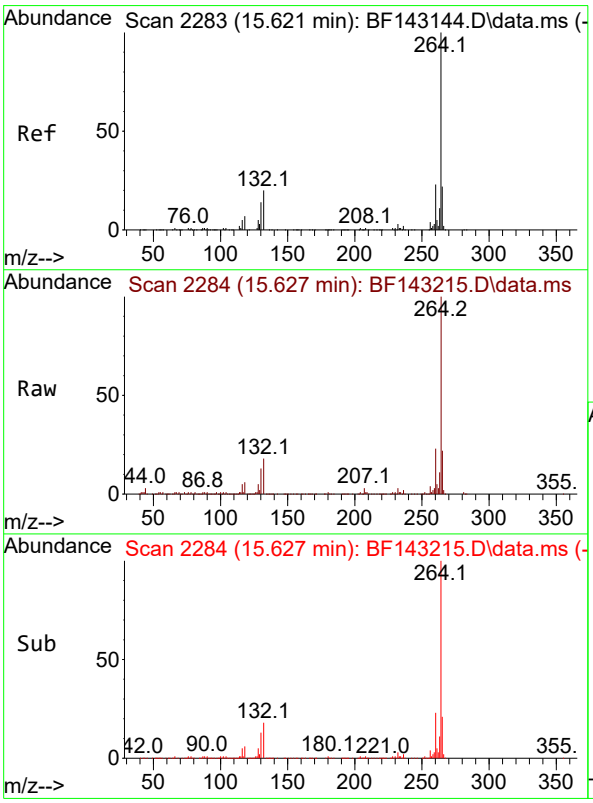
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.5	9.7	14.5

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

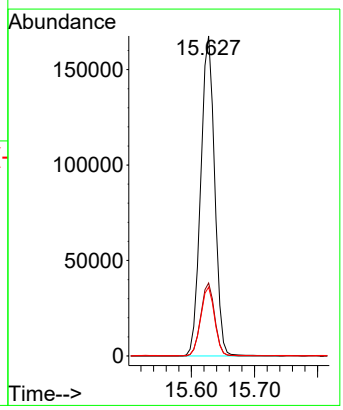


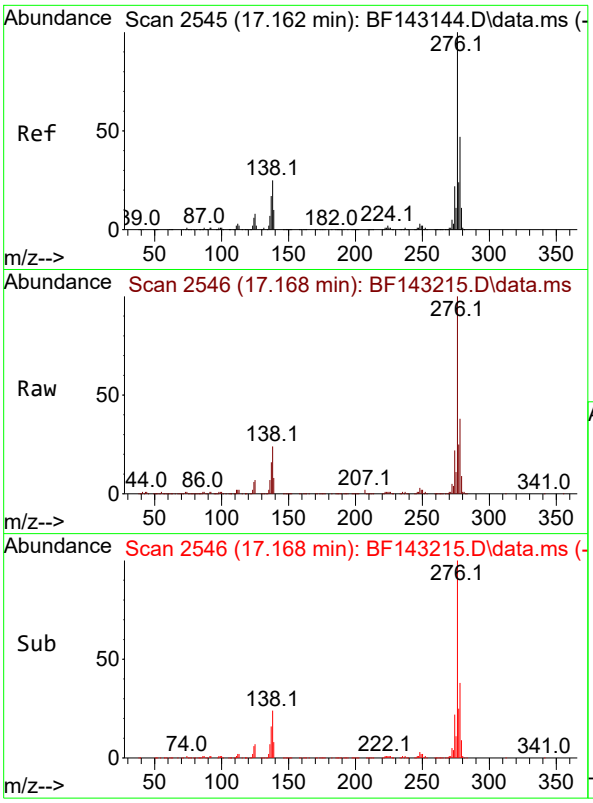


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:264 Resp: 257113

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	21.5	17.4	26.2

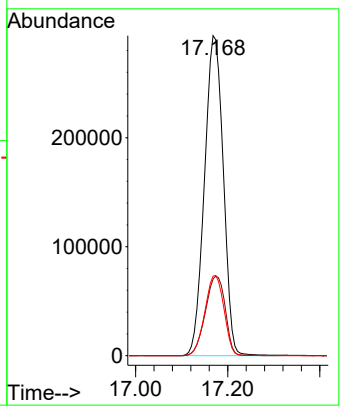




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.122 ng
RT: 17.168 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:276 Resp: 83618

Ion	Ratio	Lower	Upper
276	100		
138	26.1	21.8	32.6
277	25.4	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
PB168948BS

Manual Integrations
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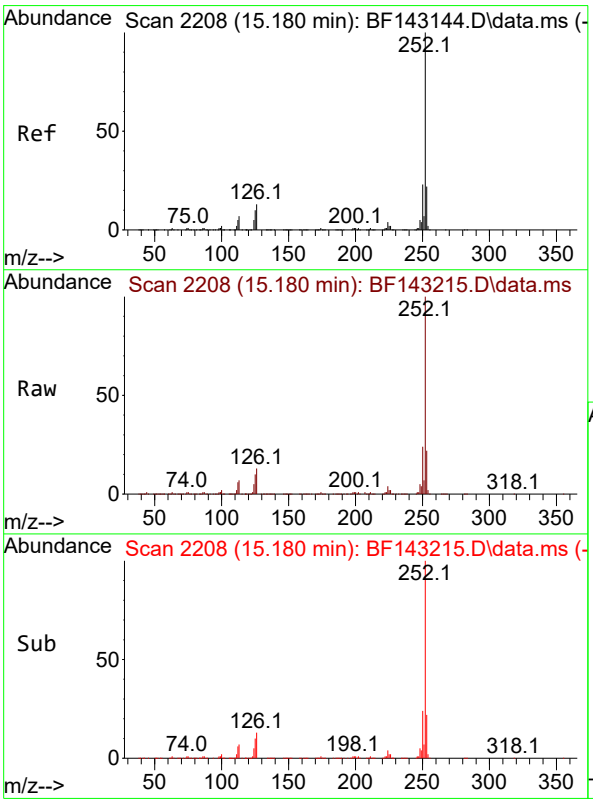
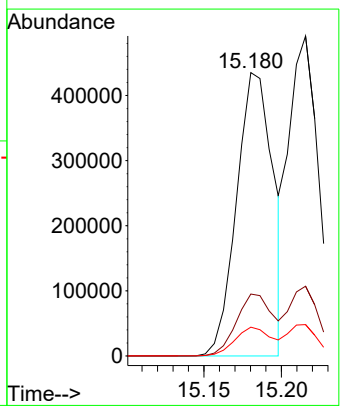
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

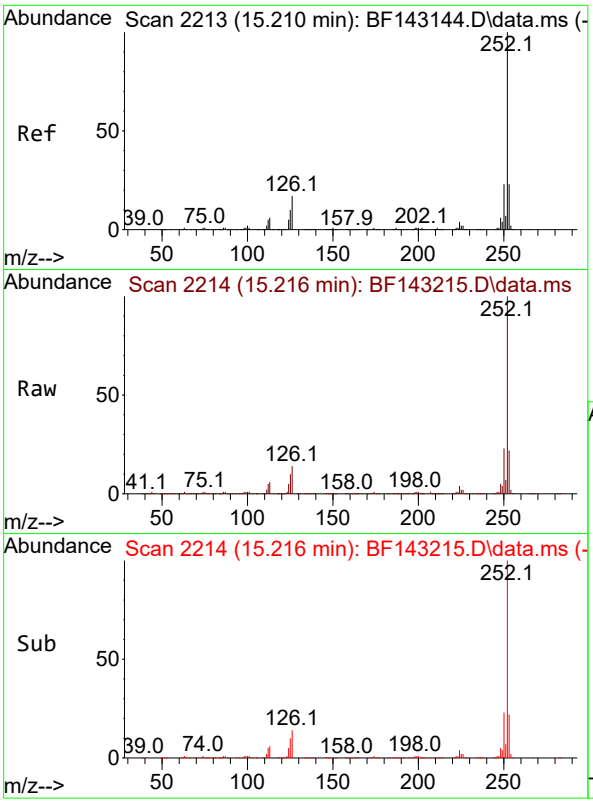


#88
Benzo(b)fluoranthene
Concen: 45.438 ng
RT: 15.180 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:252 Resp: 713703

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.1	8.0	12.0

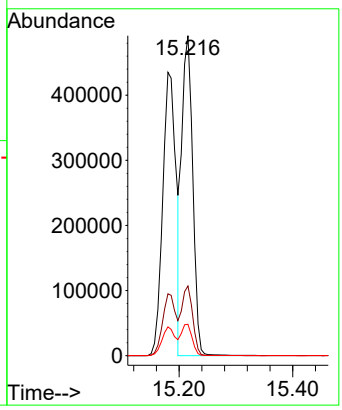




#89
Benzo(k)fluoranthene
Concen: 46.747 ng
RT: 15.216 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:252 Resp: 65522

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	9.8	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
PB168948BS

Manual Integrations
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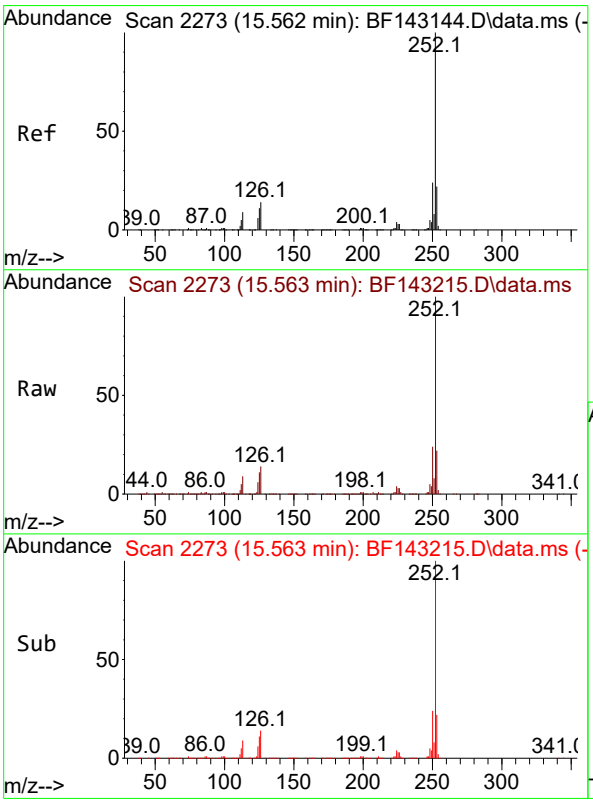
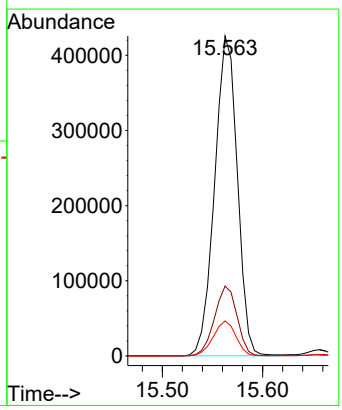
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

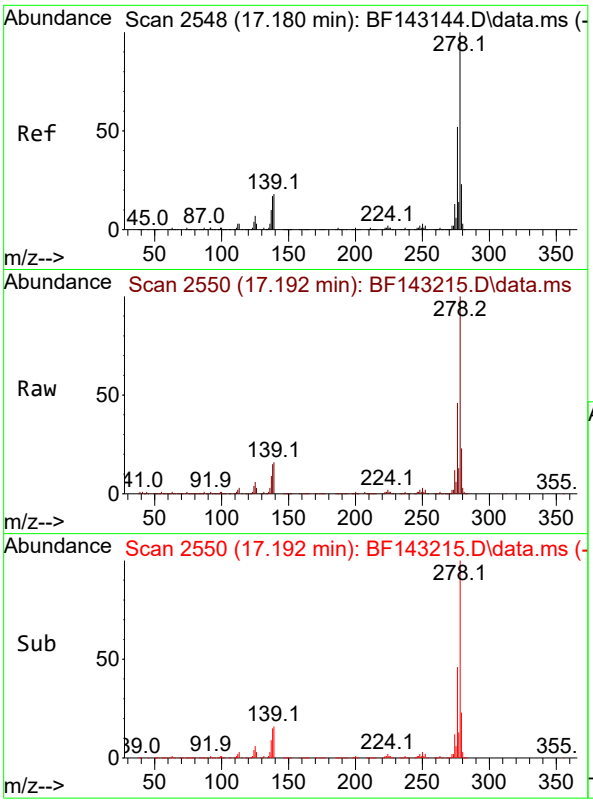


#90
Benzo(a)pyrene
Concen: 46.172 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:252 Resp: 668195

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	10.9	8.6	13.0

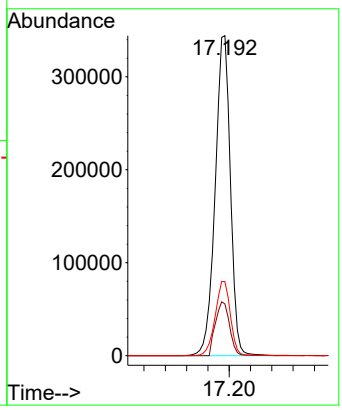




#91
Dibenzo(a,h)anthracene
Concen: 46.242 ng
RT: 17.192 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:278 Resp: 68236

Ion	Ratio	Lower	Upper
278	100		
139	16.1	14.1	21.1
279	23.2	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
PB168948BS

Manual Integrations
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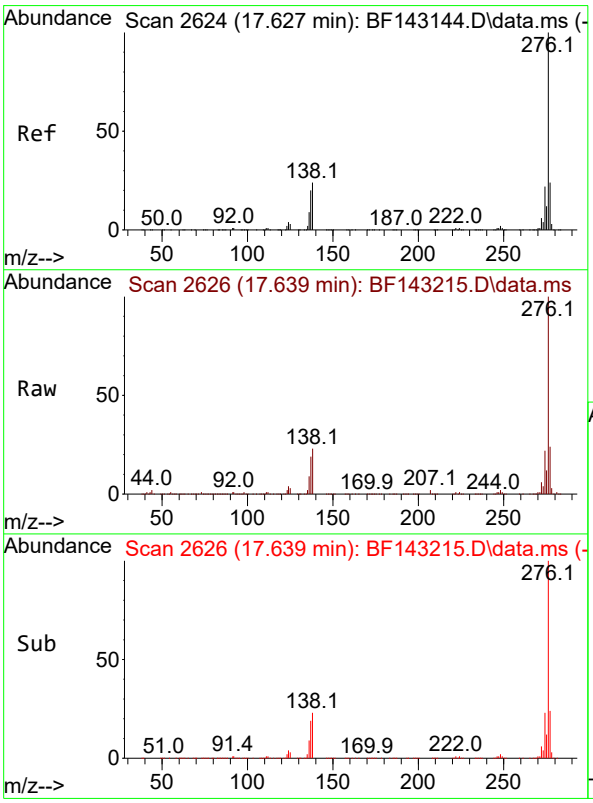
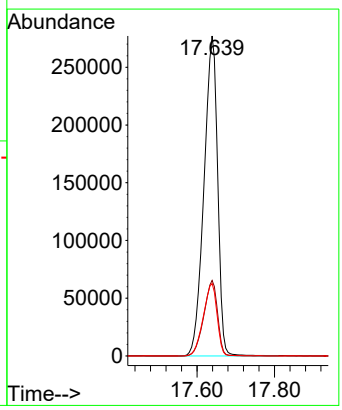
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#92
Benzo(g,h,i)perylene
Concen: 47.472 ng
RT: 17.639 min Scan# 2626
Delta R.T. 0.012 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:276 Resp: 677636

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	22.6	18.9	28.3



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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	07/18/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	07/18/25
Client Sample ID:	WC-3MS	SDG No.:	Q2645
Lab Sample ID:	Q2649-09MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.9
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143219.D	1	07/22/25 10:05	07/23/25 18:56	PB168948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	770		120	200	240	ug/Kg
108-95-2	Phenol	1000		16.4	96.4	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		18.0	96.4	130	ug/Kg
95-57-8	2-Chlorophenol	1100		18.1	96.4	130	ug/Kg
95-48-7	2-Methylphenol	1100		22.2	96.4	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		27.8	96.4	130	ug/Kg
98-86-2	Acetophenone	1000		21.9	96.4	130	ug/Kg
65794-96-9	3+4-Methylphenols	1000		30.5	200	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1000		35.1	59.3	59.3	ug/Kg
67-72-1	Hexachloroethane	1100		13.0	96.4	130	ug/Kg
98-95-3	Nitrobenzene	1100		13.6	96.4	130	ug/Kg
78-59-1	Isophorone	1000		24.3	96.4	130	ug/Kg
88-75-5	2-Nitrophenol	1200		43.1	96.4	130	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		48.0	96.4	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1000		22.8	96.4	130	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		21.0	96.4	130	ug/Kg
91-20-3	Naphthalene	1000		16.8	96.4	130	ug/Kg
106-47-8	4-Chloroaniline	160		26.2	96.4	130	ug/Kg
87-68-3	Hexachlorobutadiene	1100		18.8	96.4	130	ug/Kg
105-60-2	Caprolactam	1200		38.6	200	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		21.3	96.4	130	ug/Kg
91-57-6	2-Methylnaphthalene	1100		19.0	96.4	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2200	E	86.0	200	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		14.7	96.4	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		21.6	96.4	130	ug/Kg
92-52-4	1,1-Biphenyl	1100		16.2	96.4	130	ug/Kg
91-58-7	2-Chloronaphthalene	1100		16.7	96.4	130	ug/Kg
88-74-4	2-Nitroaniline	1100		35.7	96.4	130	ug/Kg
131-11-3	Dimethylphthalate	1100		20.1	96.4	130	ug/Kg

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	07/18/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	07/18/25
Client Sample ID:	WC-3MS	SDG No.:	Q2645
Lab Sample ID:	Q2649-09MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.9
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143219.D	1	07/22/25 10:05	07/23/25 18:56	PB168948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1100		21.4	96.4	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		24.9	96.4	130	ug/Kg
99-09-2	3-Nitroaniline	540		34.1	96.4	130	ug/Kg
83-32-9	Acenaphthene	1200		15.8	96.4	130	ug/Kg
51-28-5	2,4-Dinitrophenol	2700	E	170	200	240	ug/Kg
100-02-7	4-Nitrophenol	2300	E	79.3	200	240	ug/Kg
132-64-9	Dibenzofuran	1100		16.8	96.4	130	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		37.1	96.4	130	ug/Kg
84-66-2	Diethylphthalate	1100		21.0	96.4	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		19.8	96.4	130	ug/Kg
86-73-7	Fluorene	1100		18.8	96.4	130	ug/Kg
100-01-6	4-Nitroaniline	1200		47.6	96.4	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		76.4	200	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		24.4	96.4	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		20.6	96.4	130	ug/Kg
118-74-1	Hexachlorobenzene	1100		18.8	96.4	130	ug/Kg
1912-24-9	Atrazine	1200		25.2	96.4	130	ug/Kg
87-86-5	Pentachlorophenol	1600		38.0	200	240	ug/Kg
85-01-8	Phenanthrene	1000		15.5	96.4	130	ug/Kg
120-12-7	Anthracene	1000		24.7	96.4	130	ug/Kg
86-74-8	Carbazole	1100		23.1	96.4	130	ug/Kg
84-74-2	Di-n-butylphthalate	1200		35.5	96.4	130	ug/Kg
206-44-0	Fluoranthene	1100		22.2	96.4	130	ug/Kg
129-00-0	Pyrene	1100		26.7	96.4	130	ug/Kg
85-68-7	Butylbenzylphthalate	1400		52.9	96.4	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	370		27.2	200	240	ug/Kg
56-55-3	Benzo(a)anthracene	1100		17.1	96.4	130	ug/Kg
218-01-9	Chrysene	1100		14.8	96.4	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		43.9	96.4	130	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		64.4	200	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		14.1	96.4	130	ug/Kg

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	07/18/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	07/18/25
Client Sample ID:	WC-3MS	SDG No.:	Q2645
Lab Sample ID:	Q2649-09MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.9
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143219.D	1	07/22/25 10:05	07/23/25 18:56	PB168948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1100		16.6	96.4	130	ug/Kg
50-32-8	Benzo(a)pyrene	1100		21.9	96.4	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		21.6	96.4	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		20.3	96.4	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		19.1	96.4	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		19.0	96.4	130	ug/Kg
123-91-1	1,4-Dioxane	920		33.5	96.4	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		20.3	96.4	130	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	81.7		35 - 115		54%	SPK: 150
13127-88-3	Phenol-d6	89.3		34 - 127		60%	SPK: 150
4165-60-0	Nitrobenzene-d5	58.8		37 - 122		59%	SPK: 100
321-60-8	2-Fluorobiphenyl	54.3		44 - 115		54%	SPK: 100
118-79-6	2,4,6-Tribromophenol	92.4		39 - 132		62%	SPK: 150
1718-51-0	Terphenyl-d14	56.4		54 - 127		56%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	129000	6.963				
1146-65-2	Naphthalene-d8	501000	8.245				
15067-26-2	Acenaphthene-d10	258000	9.998				
1517-22-2	Phenanthrene-d10	430000	11.486				
1719-03-5	Chrysene-d12	253000	14.121				
1520-96-3	Perylene-d12	273000	15.627				

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\BF072325\
Data File : BF143219.D
Acq On : 23 Jul 2025 18:56
Operator : RC/JU
Sample : Q2649-09MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 24 01:18:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	129050	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	500596	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	258431	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	430420	20.000	ng		0.00
76) Chrysene-d12	14.121	240	253028	20.000	ng		0.00
86) Perylene-d12	15.627	264	273066	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.604	112	666494	81.728	ng		0.02
7) Phenol-d6	6.592	99	916762	89.313	ng		0.00
23) Nitrobenzene-d5	7.522	82	590990	58.848	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	246605	92.370	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1025654	54.278	ng		0.00
79) Terphenyl-d14	13.063	244	958583	56.376	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.893	88	143072	37.077	ng		98
3) Pyridine	3.646	79	375997	37.541	ng		99
4) n-Nitrosodimethylamine	3.593	42	216954	41.955	ng		99
6) Aniline	6.622	93	354226	24.761	ng	#	89
8) 2-Chlorophenol	6.751	128	363972	42.579	ng		97
9) Benzaldehyde	6.510	77	240931	31.302	ng		100
10) Phenol	6.604	94	468191	41.869	ng		95
11) bis(2-Chloroethyl)ether	6.692	93	357203	41.720	ng		99
12) 1,3-Dichlorobenzene	6.904	146	386913	41.666	ng		100
13) 1,4-Dichlorobenzene	6.981	146	397555	42.512	ng		99
14) 1,2-Dichlorobenzene	7.134	146	377692	42.464	ng		99
15) Benzyl Alcohol	7.098	79	341349	43.553	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	657511	41.398	ng		98
17) 2-Methylphenol	7.210	107	306419	42.633	ng		99
18) Hexachloroethane	7.481	117	142466	44.007	ng		97
19) n-Nitroso-di-n-propyla...	7.369	70	268994	40.847	ng		98
20) 3+4-Methylphenols	7.363	107	365199	41.879	ng	#	78
22) Acetophenone	7.369	105	488458	41.214	ng	#	97
24) Nitrobenzene	7.539	77	409071	43.691	ng		99
25) Isophorone	7.781	82	749097	42.254	ng		98
26) 2-Nitrophenol	7.857	139	198030	48.734	ng		99
27) 2,4-Dimethylphenol	7.892	122	350676	42.337	ng		100
28) bis(2-Chloroethoxy)met...	7.986	93	447620	42.111	ng		100
29) 2,4-Dichlorophenol	8.098	162	304971	43.659	ng		99
30) 1,2,4-Trichlorobenzene	8.186	180	321967	42.664	ng		99
31) Naphthalene	8.269	128	1044863	42.382	ng		100
32) Benzoic acid	8.004	122	234401	49.997	ng		99
33) 4-Chloroaniline	8.304	127	65013	6.458	ng		100
34) Hexachlorobutadiene	8.386	225	200881	43.575	ng		99
35) Caprolactam	8.675	113	100049m	47.398	ng		
36) 4-Chloro-3-methylphenol	8.792	107	336225	44.285	ng		99
37) 2-Methylnaphthalene	8.957	142	643071	42.865	ng		100
38) 1-Methylnaphthalene	9.057	142	663384	42.942	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	318910	42.743	ng		99
41) Hexachlorocyclopentadiene	9.116	237	427550	88.068	ng		100
43) 2,4,6-Trichlorophenol	9.233	196	221765	42.946	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143219.D
Acq On : 23 Jul 2025 18:56
Operator : RC/JU
Sample : Q2649-09MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 24 01:18:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	232369	44.986	ng		99
46) 1,1'-Biphenyl	9.422	154	877516	43.522	ng		100
47) 2-Chloronaphthalene	9.445	162	636055	42.634	ng		99
48) 2-Nitroaniline	9.533	65	216093	46.188	ng		99
49) Acenaphthylene	9.863	152	1082459	43.295	ng		100
50) Dimethylphthalate	9.716	163	756505	44.909	ng		99
51) 2,6-Dinitrotoluene	9.775	165	165873	48.404	ng		99
52) Acenaphthene	10.033	154	707499	47.878	ng		99
53) 3-Nitroaniline	9.939	138	88166	21.996	ng		99
54) 2,4-Dinitrophenol	10.051	184	172311	108.368	ng	#	1
55) Dibenzofuran	10.204	168	937987	42.753	ng		99
56) 4-Nitrophenol	10.104	139	274401	91.677	ng		98
57) 2,4-Dinitrotoluene	10.180	165	220692	51.332	ng		94
58) Fluorene	10.551	166	705612	42.852	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	176735	41.305	ng		99
60) Diethylphthalate	10.416	149	746969	44.863	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	361037	44.034	ng		100
62) 4-Nitroaniline	10.557	138	160785	46.804	ng		98
63) Azobenzene	10.698	77	841538	48.495	ng		95
65) 4,6-Dinitro-2-methylph...	10.586	198	117166	51.484	ng		99
66) n-Nitrosodiphenylamine	10.657	169	632847	41.754	ng		99
67) 4-Bromophenyl-phenylether	11.027	248	220614	43.009	ng		100
68) Hexachlorobenzene	11.098	284	234176	43.678	ng		99
69) Atrazine	11.180	200	198055	47.399	ng		99
70) Pentachlorophenol	11.292	266	204090	64.730	ng		98
71) Phenanthrene	11.510	178	960622	42.033	ng		99
72) Anthracene	11.563	178	978804	41.993	ng		100
73) Carbazole	11.710	167	883073	43.388	ng		99
74) Di-n-butylphthalate	12.039	149	1091594	47.400	ng		100
75) Fluoranthene	12.698	202	947282	45.158	ng		99
77) Benzidine	12.810	184	377100	38.683	ng		99
78) Pyrene	12.927	202	930699	43.099	ng		99
80) Butylbenzylphthalate	13.539	149	369204	55.834	ng		98
81) Benzo(a)anthracene	14.110	228	748386	44.178	ng		99
82) 3,3'-Dichlorobenzidine	14.068	252	83929	14.865	ng		99
83) Chrysene	14.151	228	653785	42.925	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	492547	49.212	ng		99
85) Di-n-octyl phthalate	14.710	149	818612	45.122	ng		99
87) Indeno(1,2,3-cd)pyrene	17.168	276	846990	43.988	ng		99
88) Benzo(b)fluoranthene	15.180	252	734192	44.011	ng		99
89) Benzo(k)fluoranthene	15.215	252	644364	43.286	ng		99
90) Benzo(a)pyrene	15.562	252	682048	44.376	ng		99
91) Dibenzo(a,h)anthracene	17.186	278	685873	43.764	ng		99
92) Benzo(g,h,i)perylene	17.639	276	679318	44.809	ng		99

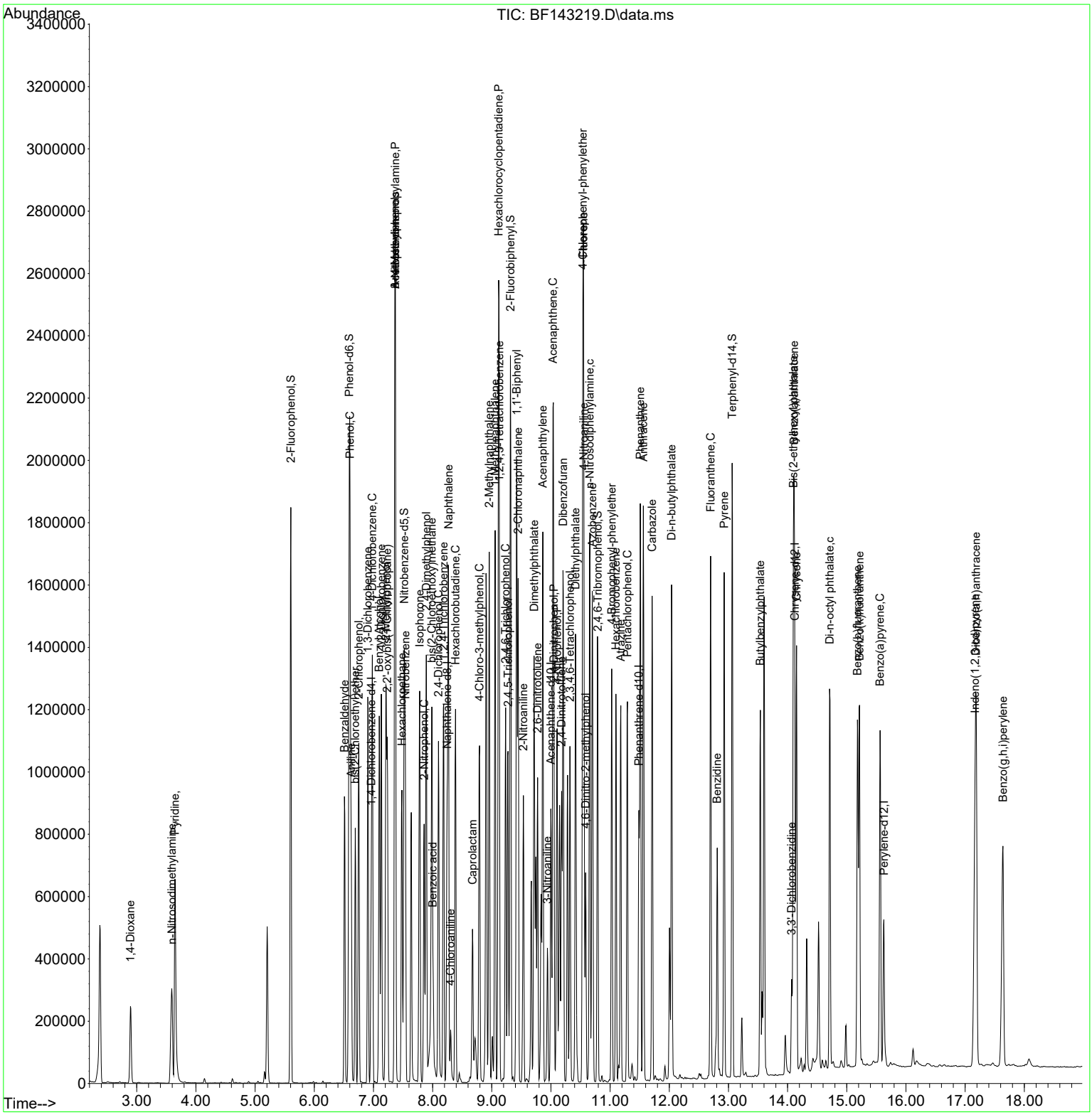
(#) = qualifier out of range (m) = manual integration (+) = signals summed

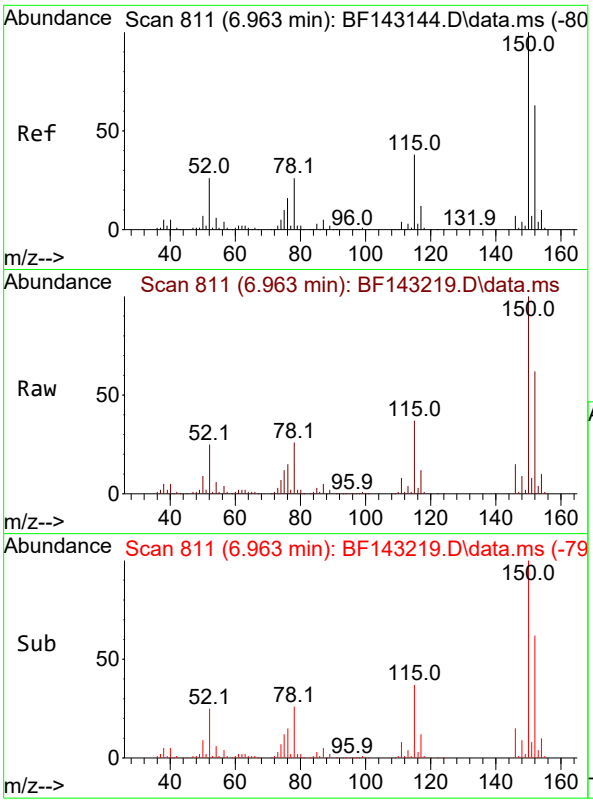
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143219.D
Acq On : 23 Jul 2025 18:56
Operator : RC/JU
Sample : Q2649-09MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 24 01:18:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

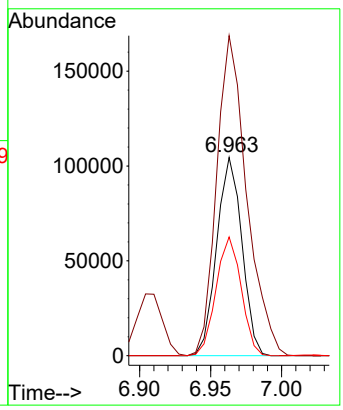




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:152 Resp: 12905

Ion	Ratio	Lower	Upper
152	100		
150	161.4	128.2	192.4
115	59.9	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
WC-3MS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/24/2025
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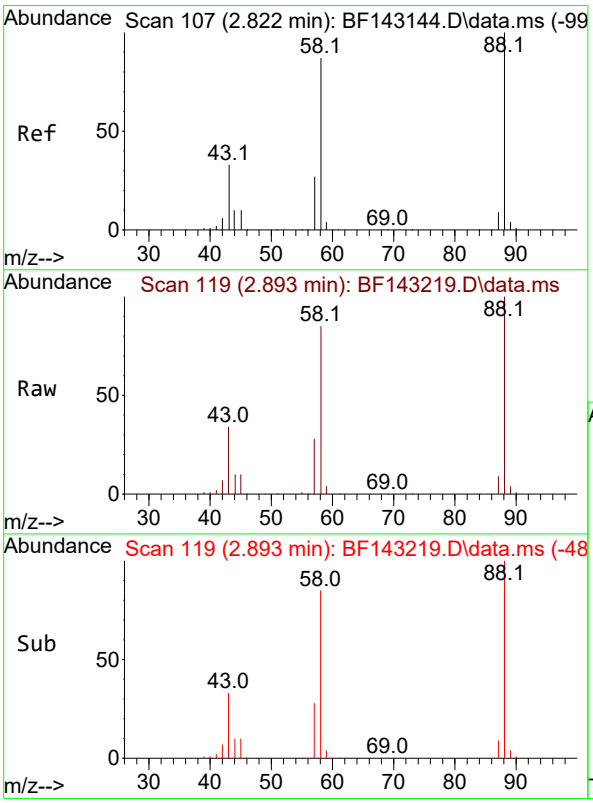
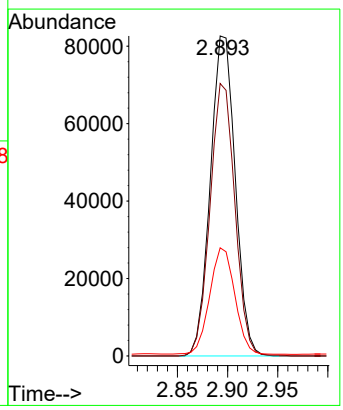
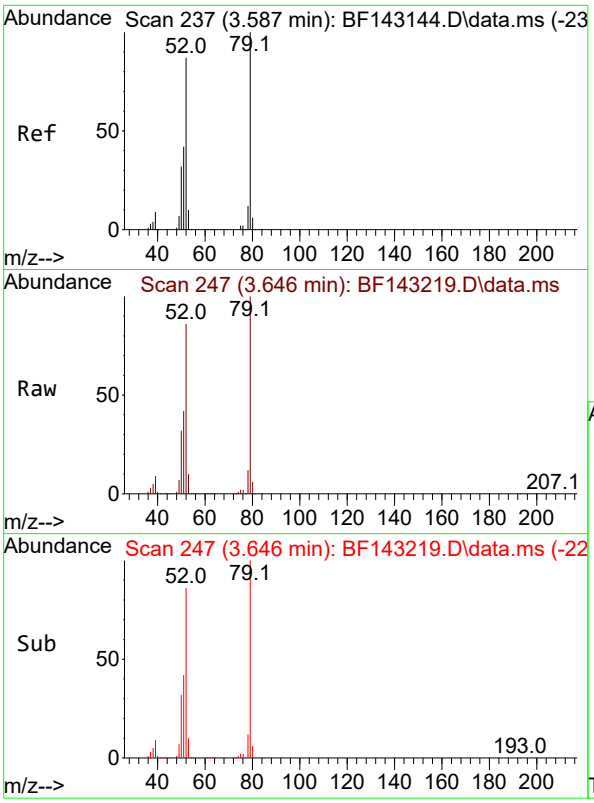


#2
1,4-Dioxane
Concen: 37.077 ng
RT: 2.893 min Scan# 119
Delta R.T. 0.071 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion: 88 Resp: 143072

Ion	Ratio	Lower	Upper
88	100		
58	84.9	70.2	105.2
43	33.6	27.1	40.7

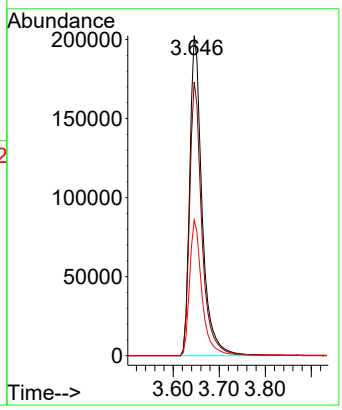




#3
Pyridine
Concen: 37.541 ng
RT: 3.646 min Scan# 24
Delta R.T. 0.059 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion: 79 Resp: 37599

Ion	Ratio	Lower	Upper
79	100		
52	85.5	69.4	104.2
51	42.3	33.5	50.3



Instrument :
BNA_F
ClientSampleId :
WC-3MS

Manual Integrations
APPROVED
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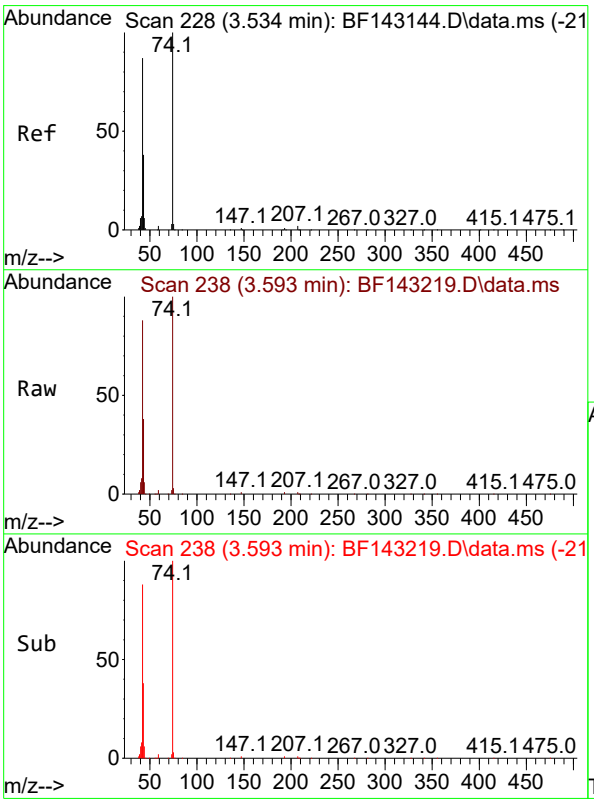
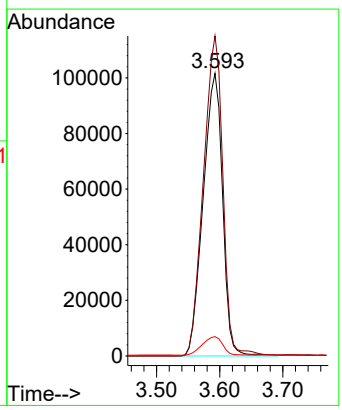
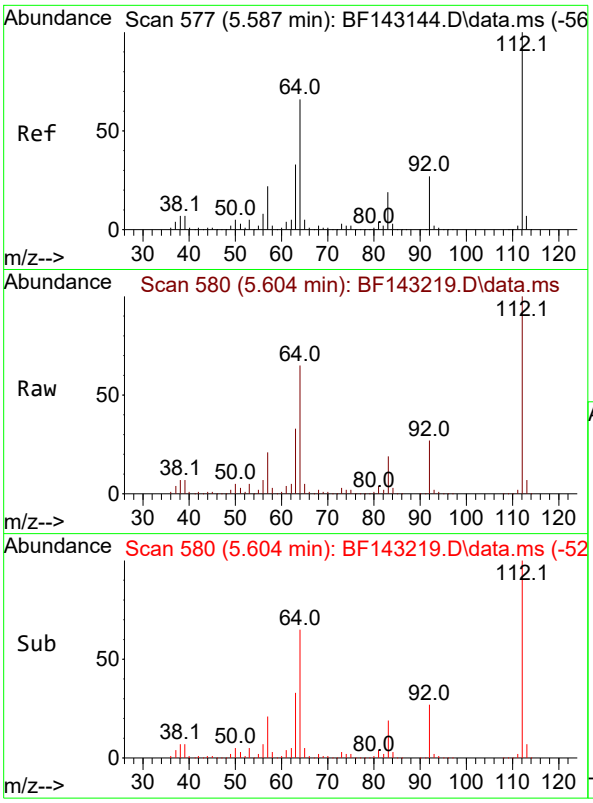


#4
n-Nitrosodimethylamine
Concen: 41.955 ng
RT: 3.593 min Scan# 238
Delta R.T. 0.059 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion: 42 Resp: 216954

Ion	Ratio	Lower	Upper
42	100		
74	113.2	91.7	137.5
44	6.8	5.6	8.4

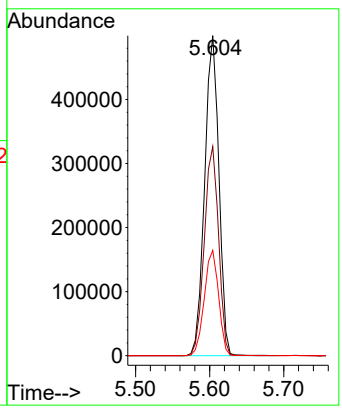




#5
2-Fluorophenol
Concen: 81.728 ng
RT: 5.604 min Scan# 5
Delta R.T. 0.018 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:112 Resp: 66649

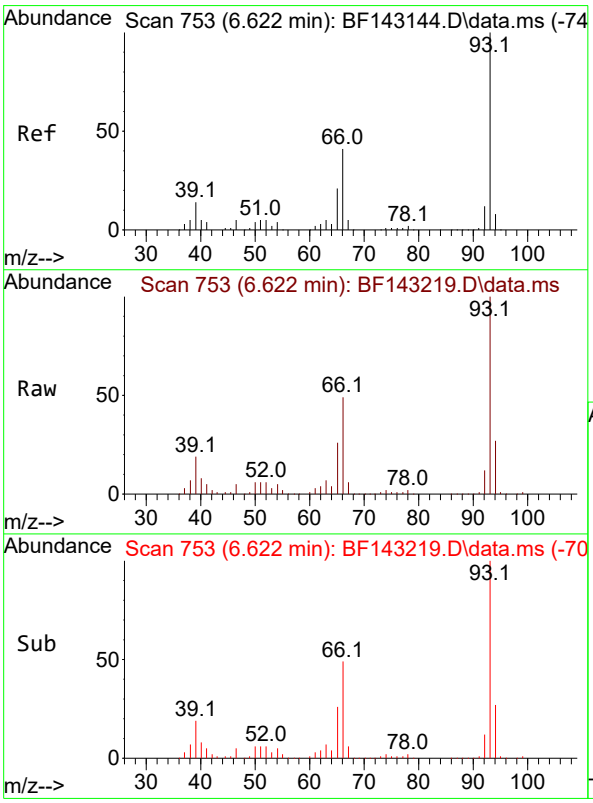
Ion	Ratio	Lower	Upper
112	100		
64	65.3	53.1	79.7
63	32.9	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
WC-3MS

Manual Integrations
APPROVED

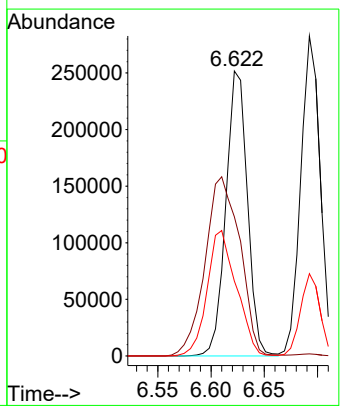
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

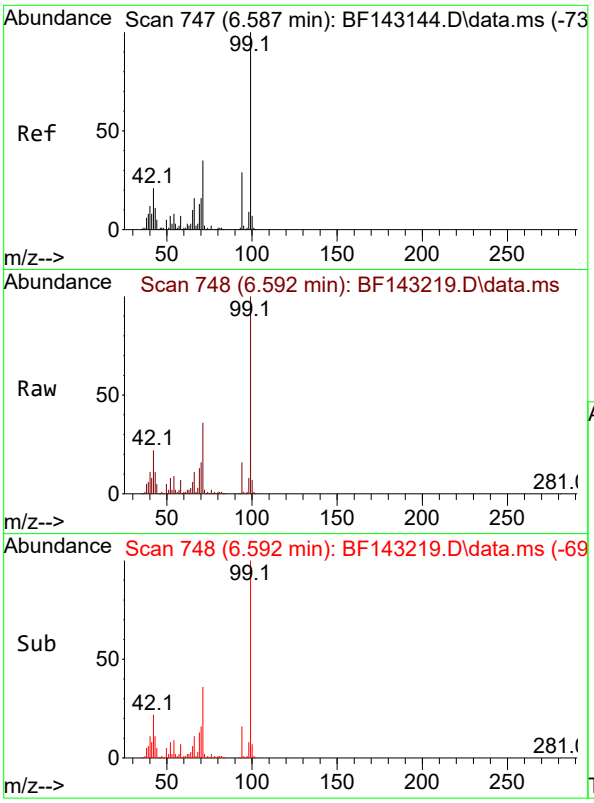


#6
Aniline
Concen: 24.761 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion: 93 Resp: 354226

Ion	Ratio	Lower	Upper
93	100		
66	48.9	33.2	49.8
65	26.3	16.9	25.3#

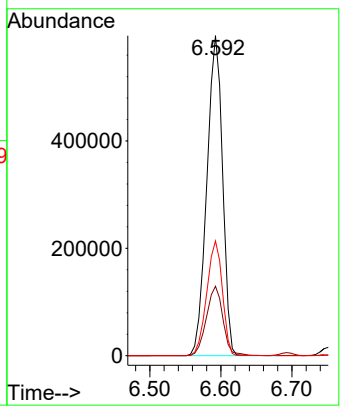




#7
Phenol-d6
Concen: 89.313 ng
RT: 6.592 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion: 99 Resp: 91676

Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.0	25.6
71	35.9	27.7	41.5



Instrument :
BNA_F
ClientSampleId :
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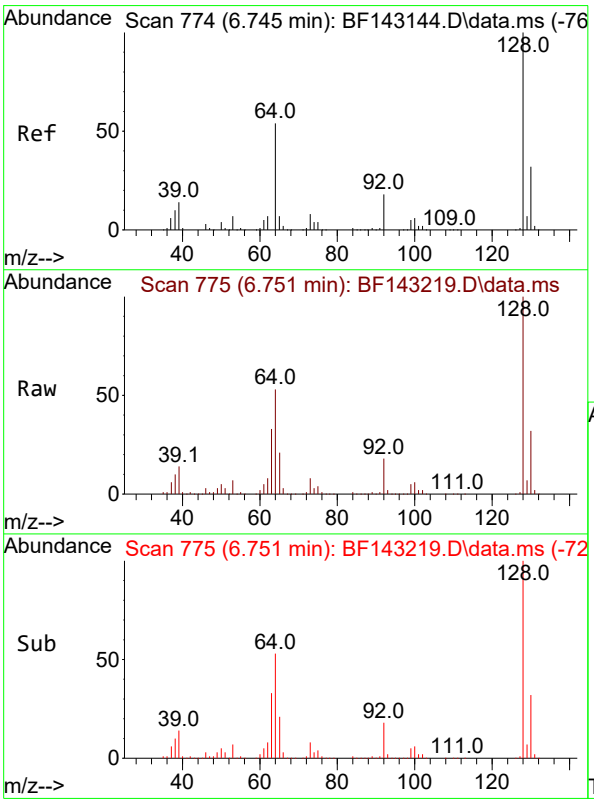
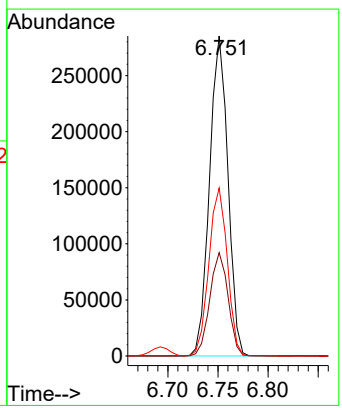
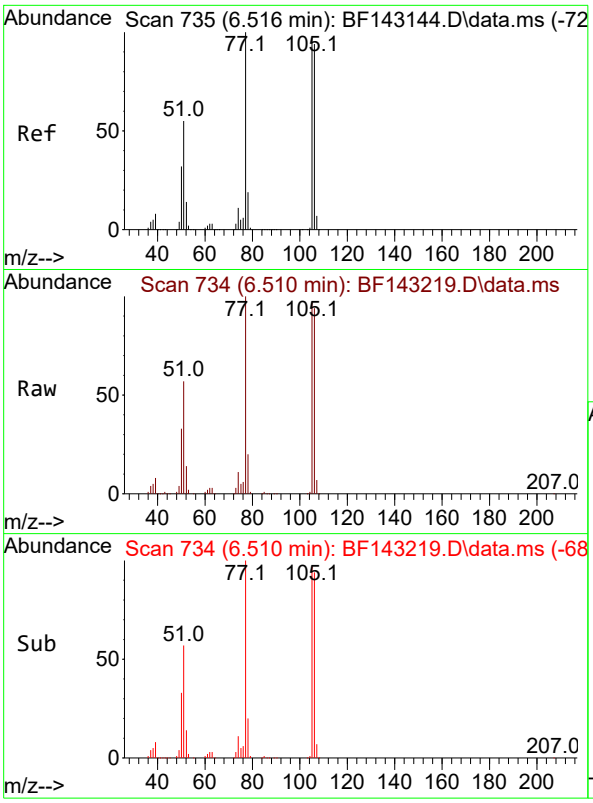


#8
2-Chlorophenol
Concen: 42.579 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:128 Resp: 363972

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.3	52.3
64	52.5	35.9	75.9

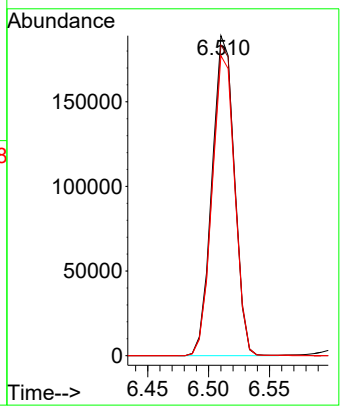




#9
Benzaldehyde
Concen: 31.302 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion: 77 Resp: 24093

Ion	Ratio	Lower	Upper
77	100		
105	97.1	76.8	116.8
106	93.8	74.4	114.4



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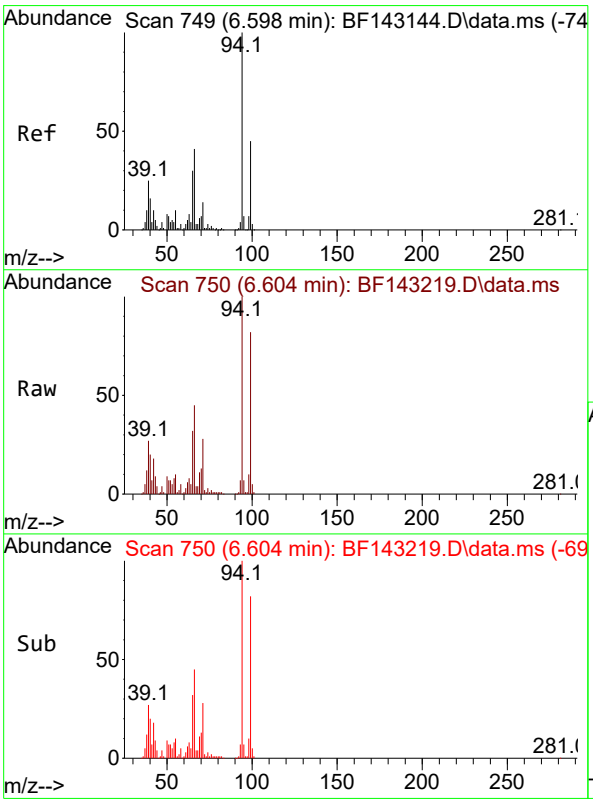
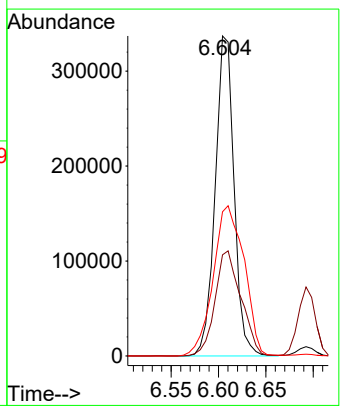
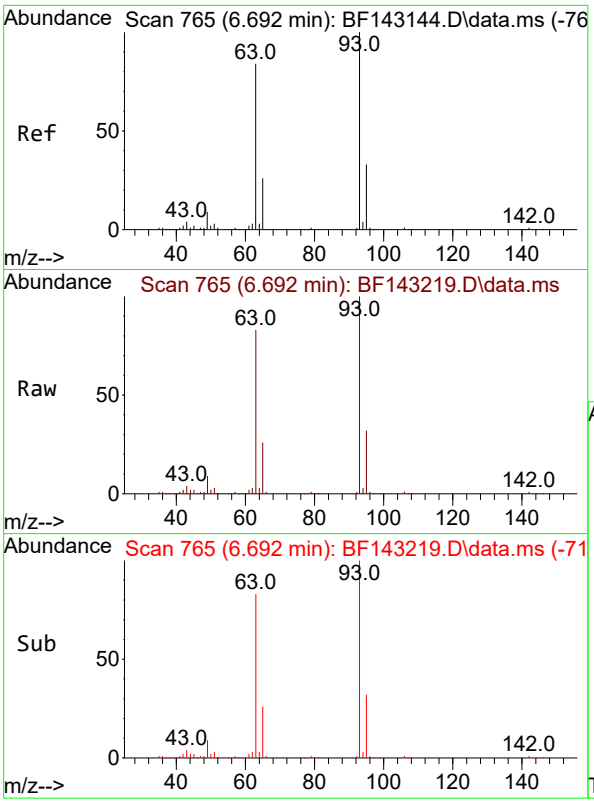


#10
Phenol
Concen: 41.869 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion: 94 Resp: 468191

Ion	Ratio	Lower	Upper
94	100		
65	31.6	10.0	50.0
66	45.0	20.8	60.8

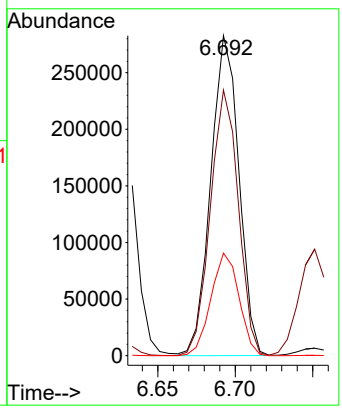




#11
bis(2-Chloroethyl)ether
Concen: 41.720 ng
RT: 6.692 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion: 93 Resp: 35720

Ion	Ratio	Lower	Upper
93	100		
63	83.0	63.4	103.4
95	32.0	12.4	52.4



Instrument :
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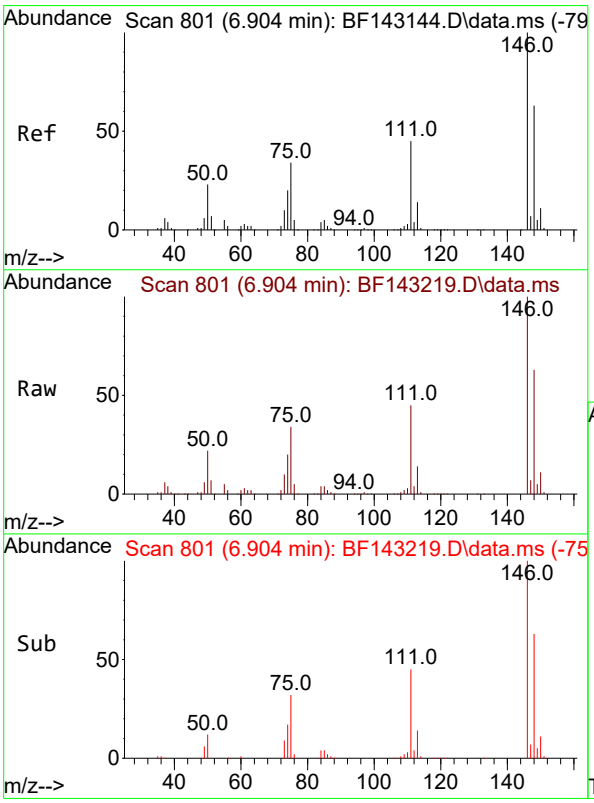
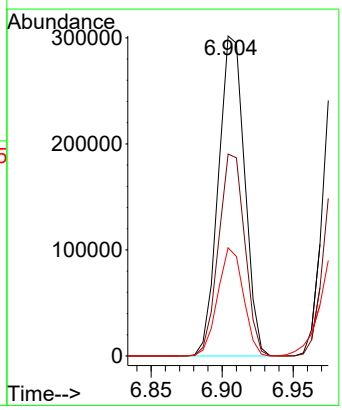
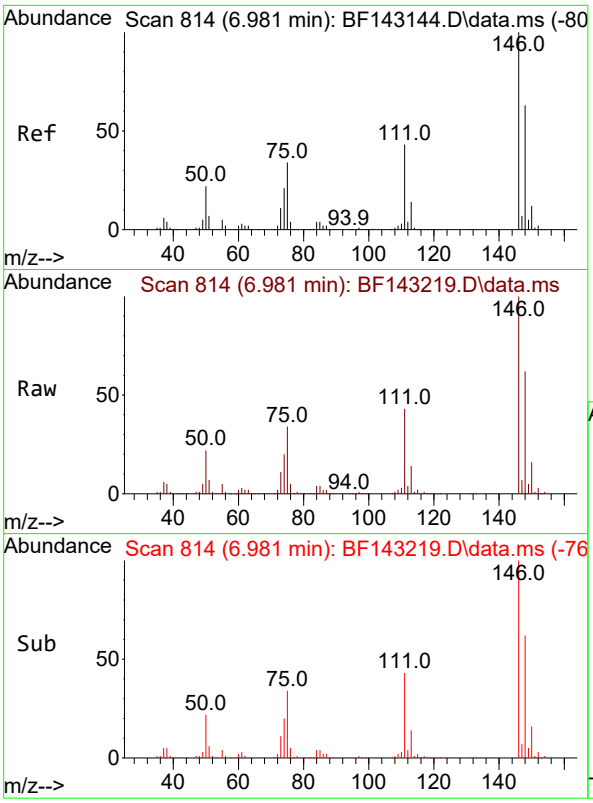


#12
1,3-Dichlorobenzene
Concen: 41.666 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:146 Resp: 386913

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	76.0
75	33.8	27.4	41.2

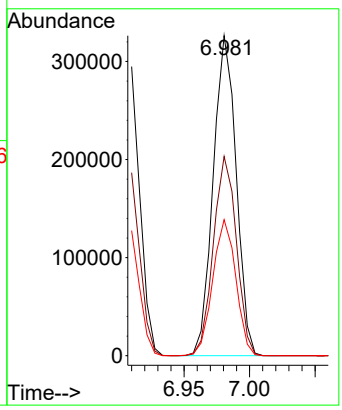




#13
1,4-Dichlorobenzene
Concen: 42.512 ng
RT: 6.981 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:146 Resp: 39755

Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.3	75.5
111	42.5	34.4	51.6



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ClientSampleId :
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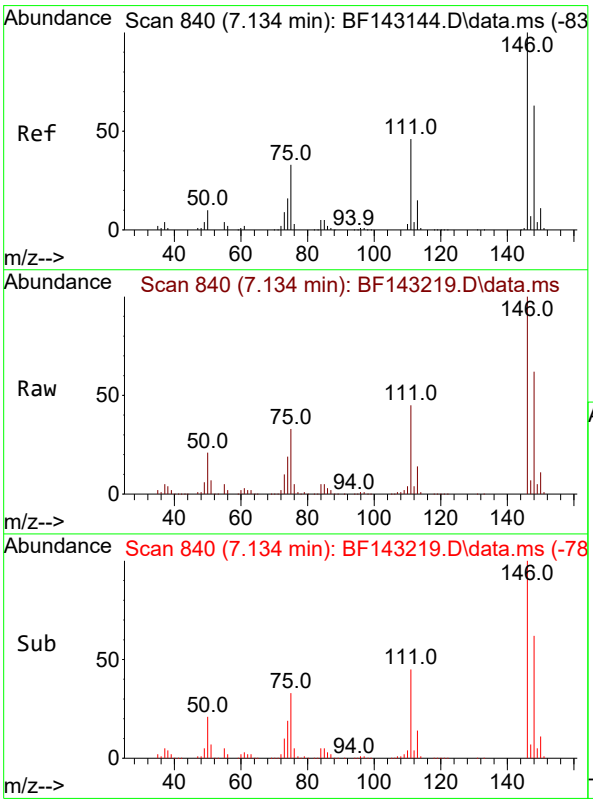
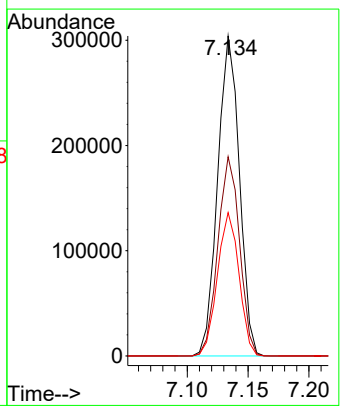
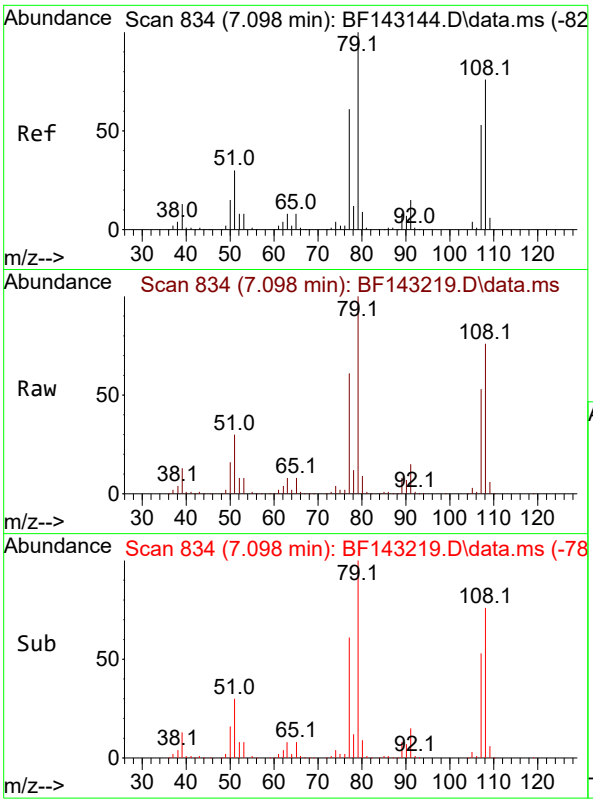


#14
1,2-Dichlorobenzene
Concen: 42.464 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:146 Resp: 377692

Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.7	76.1
111	44.8	36.6	54.8

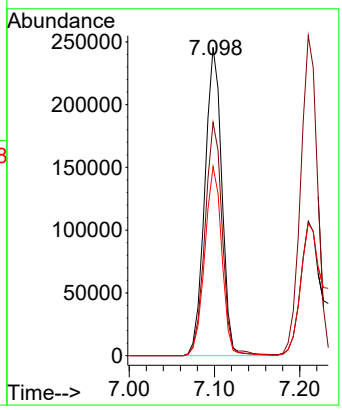




#15
Benzyl Alcohol
Concen: 43.553 ng
RT: 7.098 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion: 79 Resp: 34134

Ion	Ratio	Lower	Upper
79	100		
108	75.6	61.1	91.7
77	61.3	48.9	73.3



Instrument :
BNA_F
ClientSampleId :
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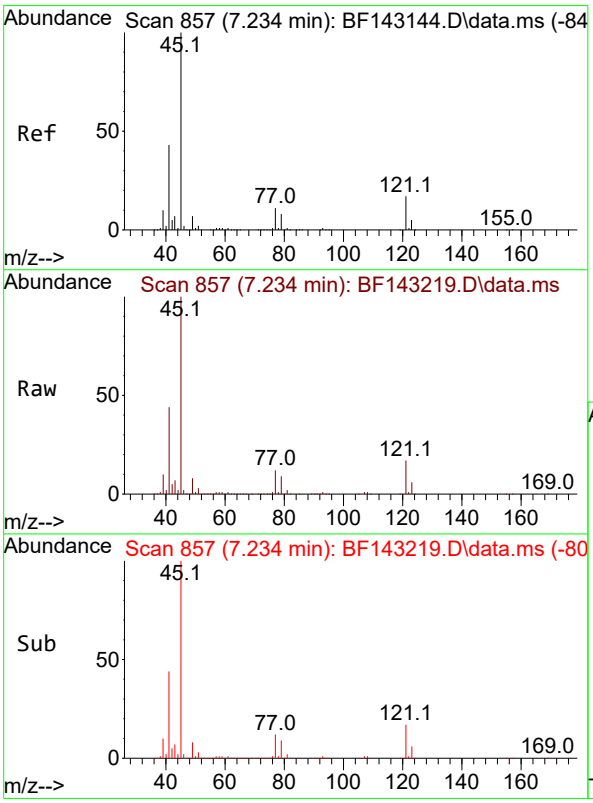
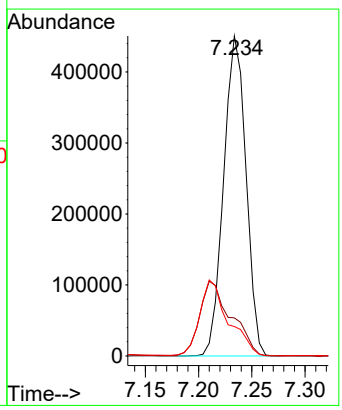
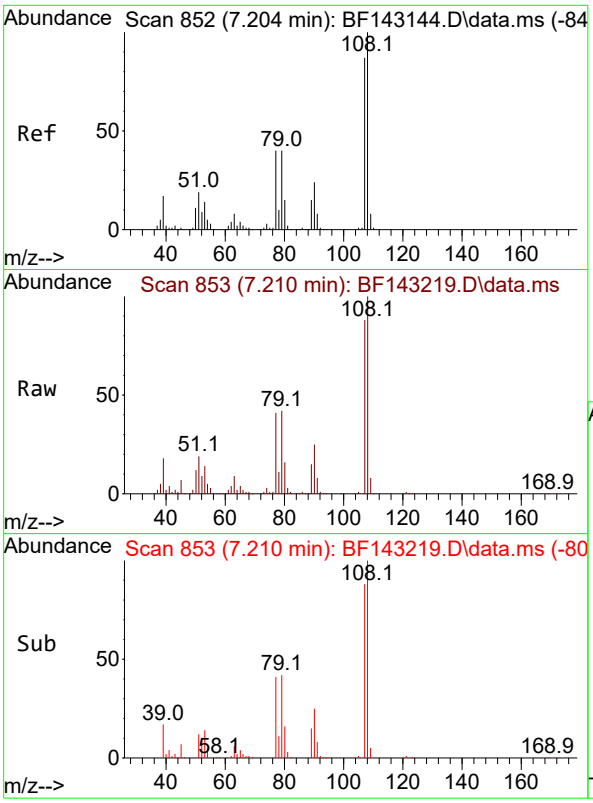


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.398 ng
RT: 7.234 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion: 45 Resp: 657511

Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	31.2
79	9.2	0.0	28.5

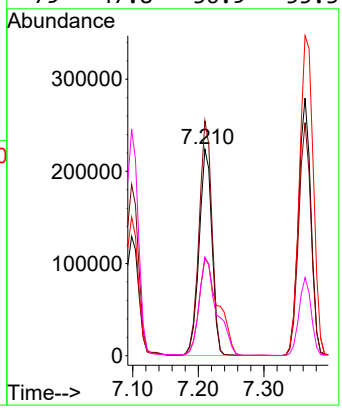




#17
2-Methylphenol
Concen: 42.633 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:107 Resp: 30641

Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.8	137.6
77	47.0	37.0	55.6
79	47.8	36.9	55.3



Instrument :
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ClientSampleId :
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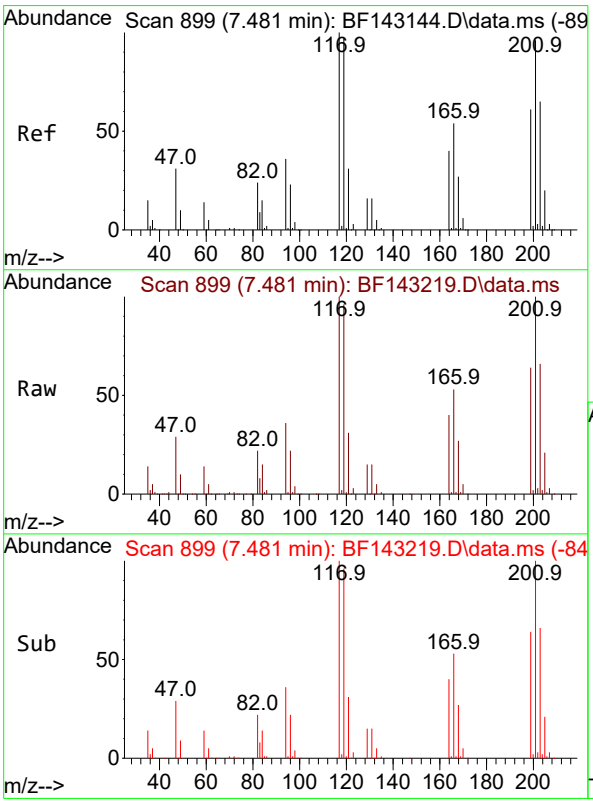
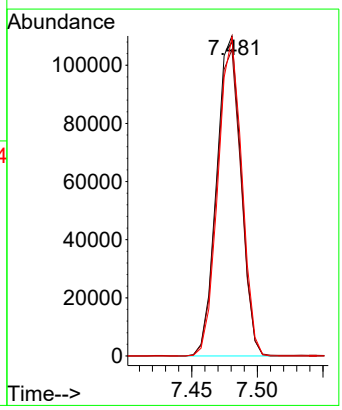
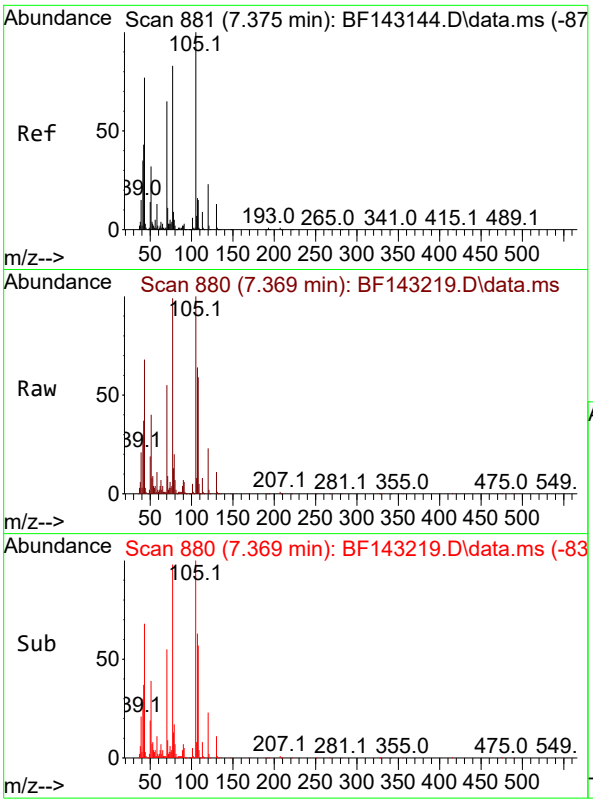


#18
Hexachloroethane
Concen: 44.007 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:117 Resp: 142466

Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.8	116.8
201	99.6	77.0	115.4

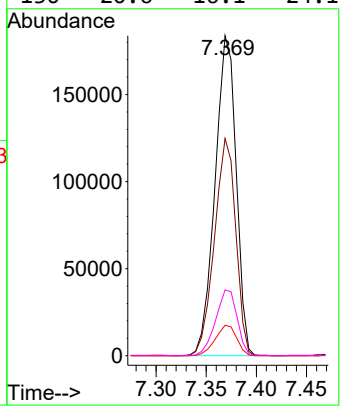




#19
n-Nitroso-di-n-propylamine
Concen: 40.847 ng
RT: 7.369 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion: 70 Resp: 26899

Ion	Ratio	Lower	Upper
70	100		
42	67.8	52.5	78.7
101	9.5	7.6	11.4
130	20.6	16.1	24.1



Instrument :
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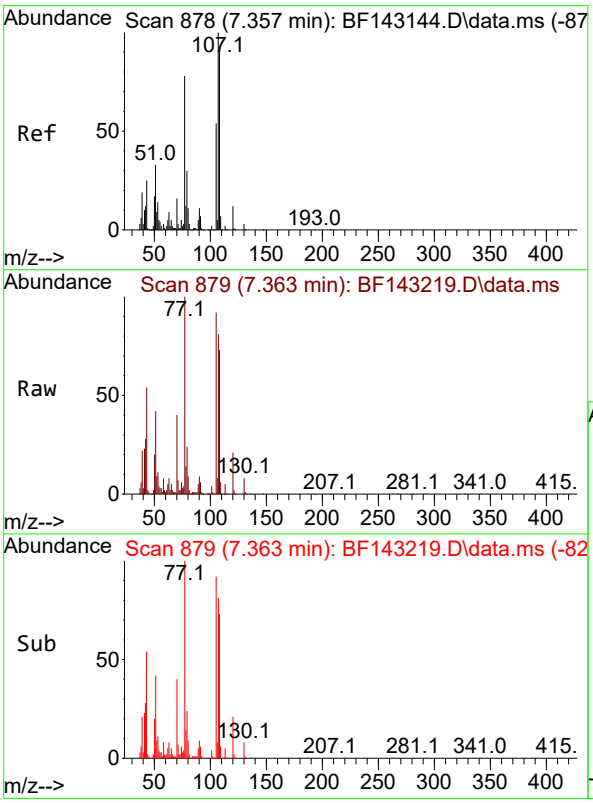
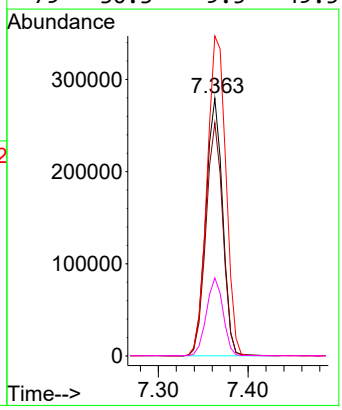
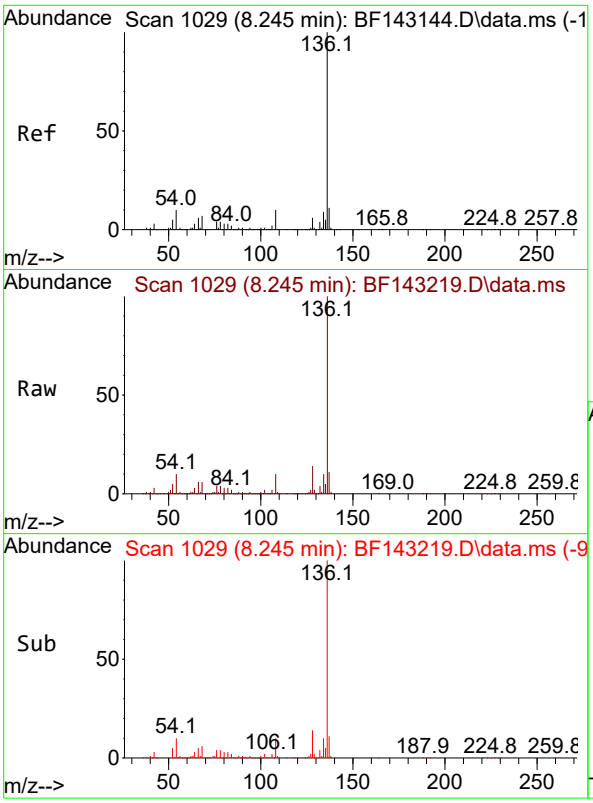


#20
3+4-Methylphenols
Concen: 41.879 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:107 Resp: 365199

Ion	Ratio	Lower	Upper
107	100		
108	90.5	70.0	110.0
77	124.2	57.8	97.8#
79	30.3	9.5	49.5

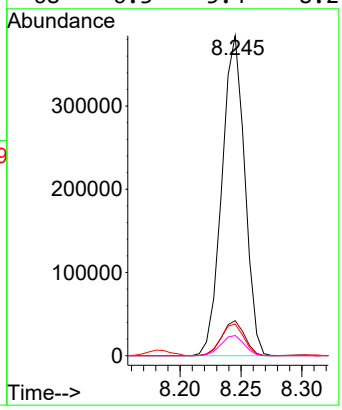




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:136 Resp: 50059

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.9	8.2	12.2
68	6.3	5.4	8.2



Instrument :
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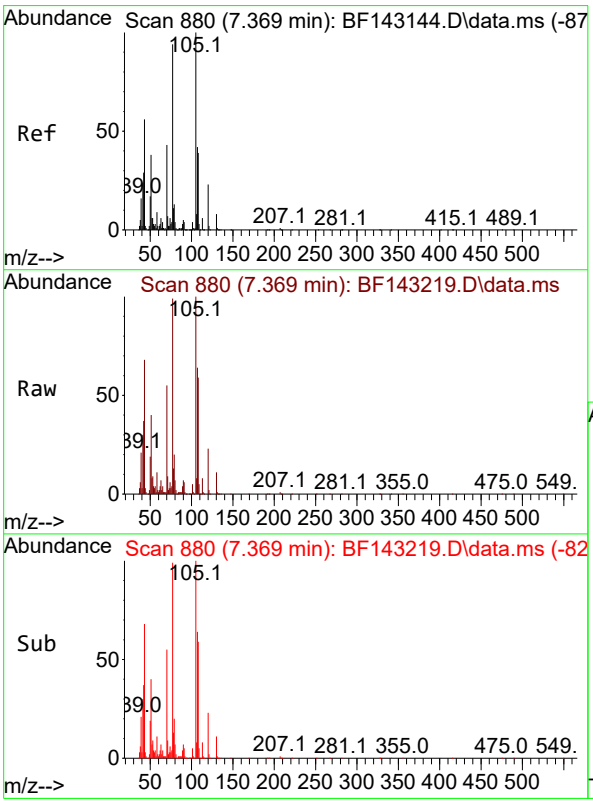
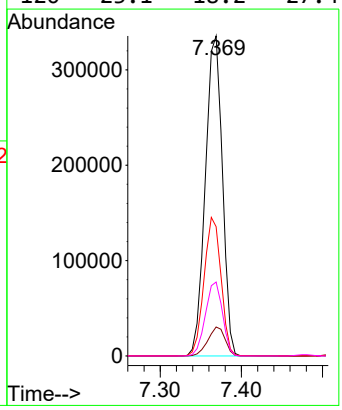
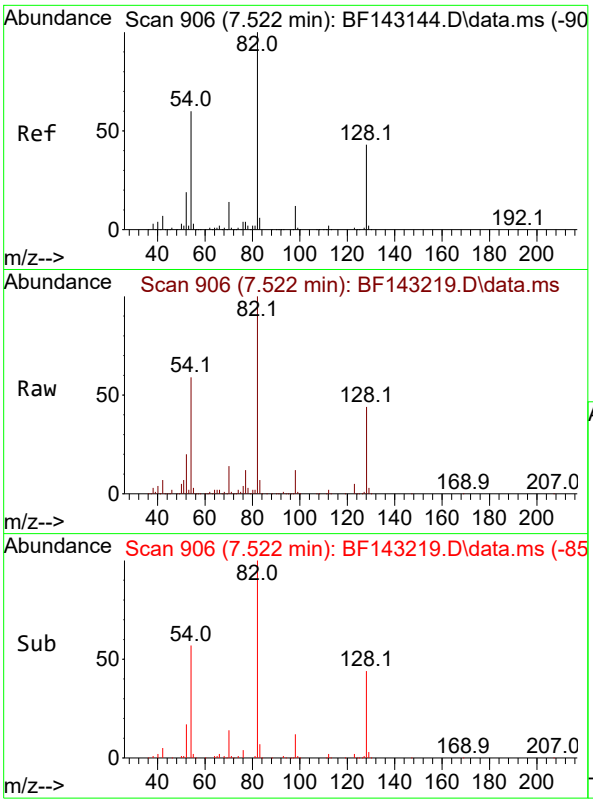


#22
Acetophenone
Concen: 41.214 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:105 Resp: 488458

Ion	Ratio	Lower	Upper
105	100		
71	9.1	5.8	8.6#
51	40.4	30.2	45.2
120	23.1	18.2	27.4

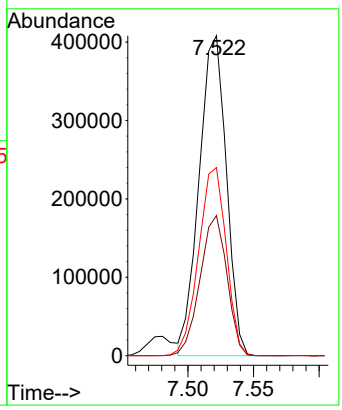




#23
Nitrobenzene-d5
Concen: 58.848 ng
RT: 7.522 min Scan# 9(
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion: 82 Resp: 59099(

Ion	Ratio	Lower	Upper
82	100		
128	43.8	33.6	50.4
54	58.8	47.1	70.7



Instrument :
BNA_F
ClientSampleId :
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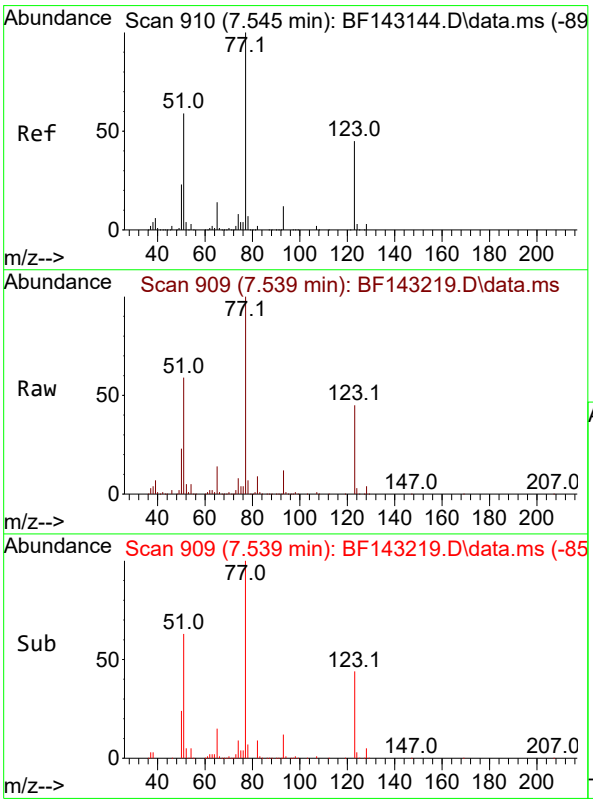
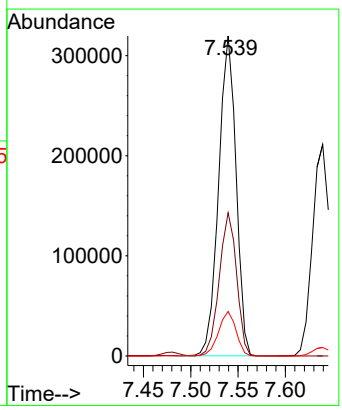
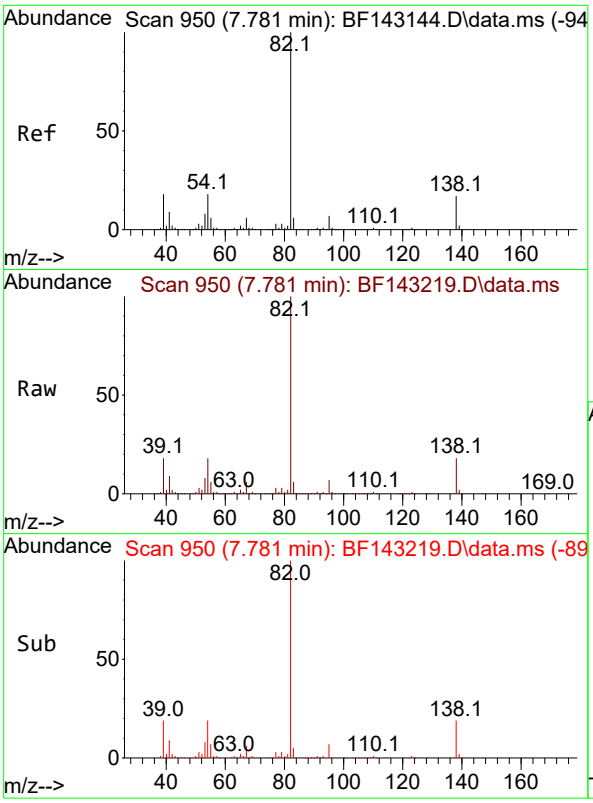


#24
Nitrobenzene
Concen: 43.691 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion: 77 Resp: 409071

Ion	Ratio	Lower	Upper
77	100		
123	44.7	36.1	54.1
65	13.9	11.4	17.2





#25
Isophorone
Concen: 42.254 ng
RT: 7.781 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion: 82 Resp: 74909

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.5	8.3
138	18.3	13.8	20.8

Instrument :
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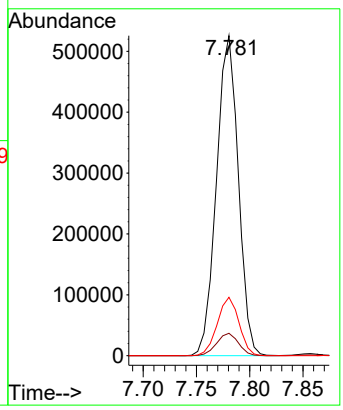
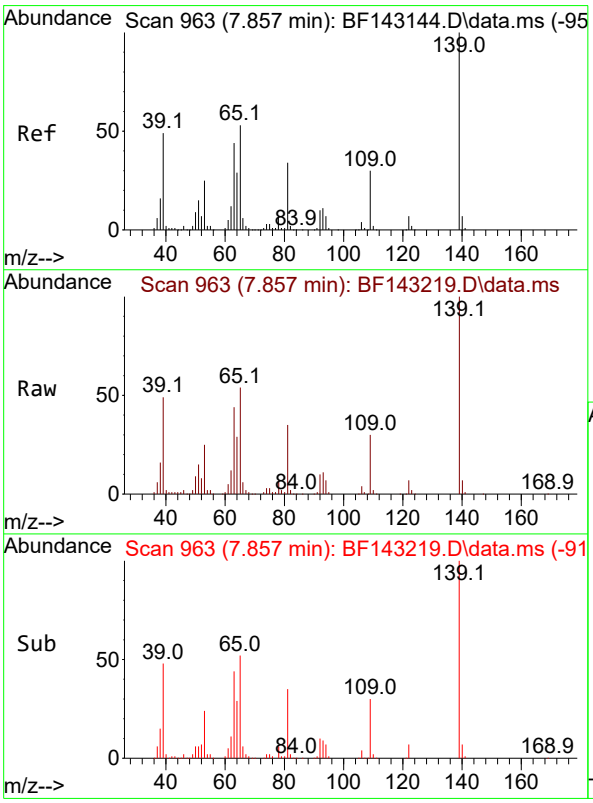
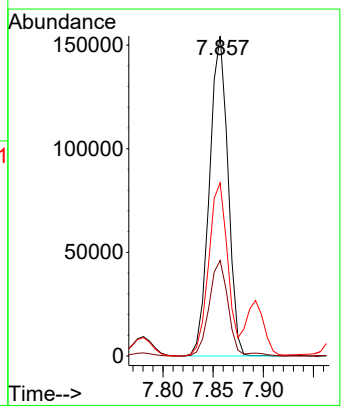


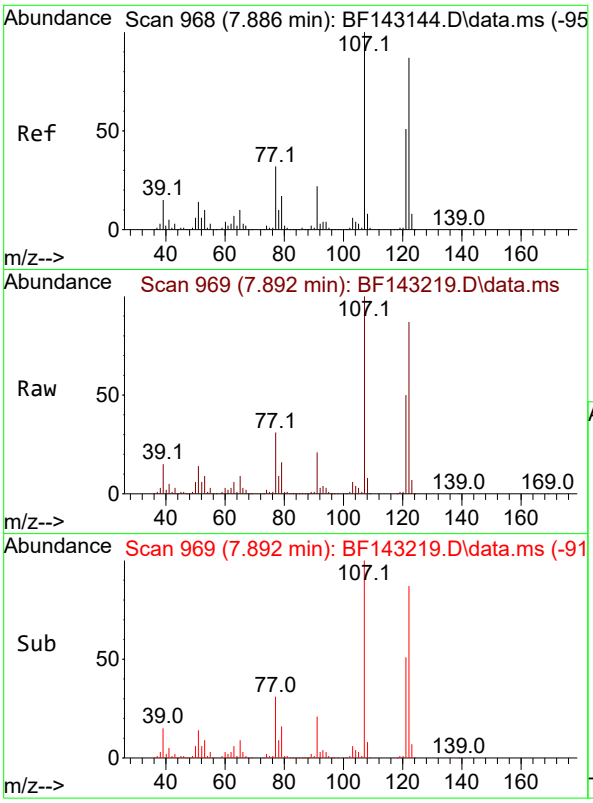


#26
2-Nitrophenol
Concen: 48.734 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:139 Resp: 198030

Ion	Ratio	Lower	Upper
139	100		
109	29.9	23.6	35.4
65	54.1	42.6	64.0

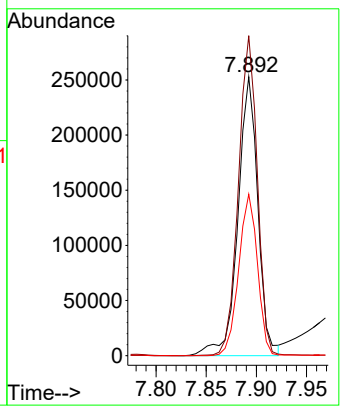




#27
2,4-Dimethylphenol
Concen: 42.337 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:122 Resp: 35067

Ion	Ratio	Lower	Upper
122	100		
107	114.7	91.8	137.6
121	57.9	46.3	69.5



Instrument :
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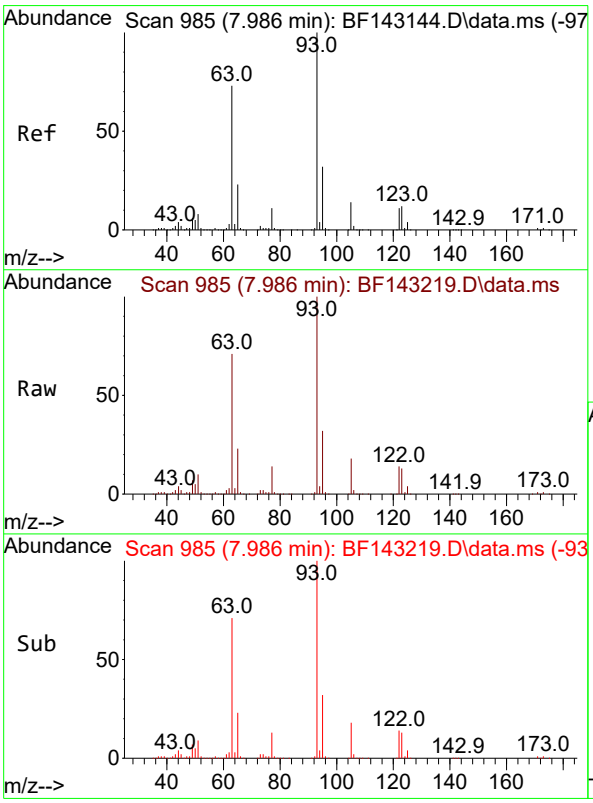
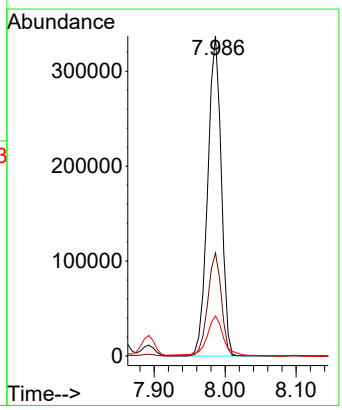
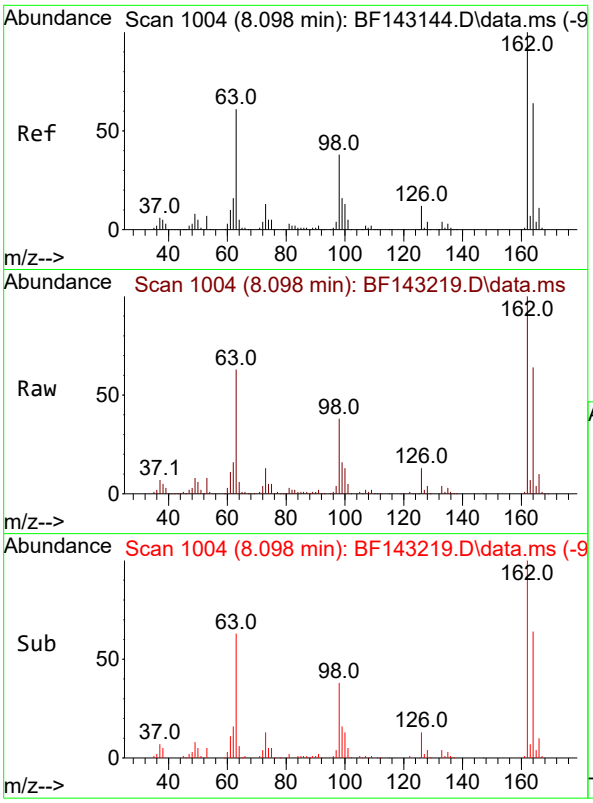


#28
bis(2-Chloroethoxy)methane
Concen: 42.111 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion: 93 Resp: 447620

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.8	38.6
123	12.5	9.7	14.5

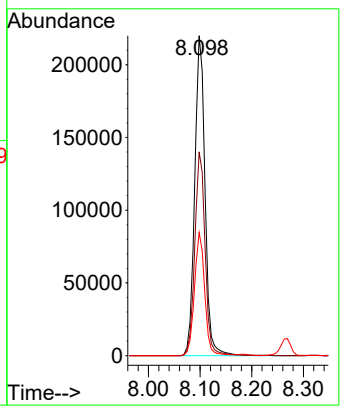




#29
2,4-Dichlorophenol
Concen: 43.659 ng
RT: 8.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:162 Resp: 30497

Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.2	84.2
98	38.5	17.9	57.9



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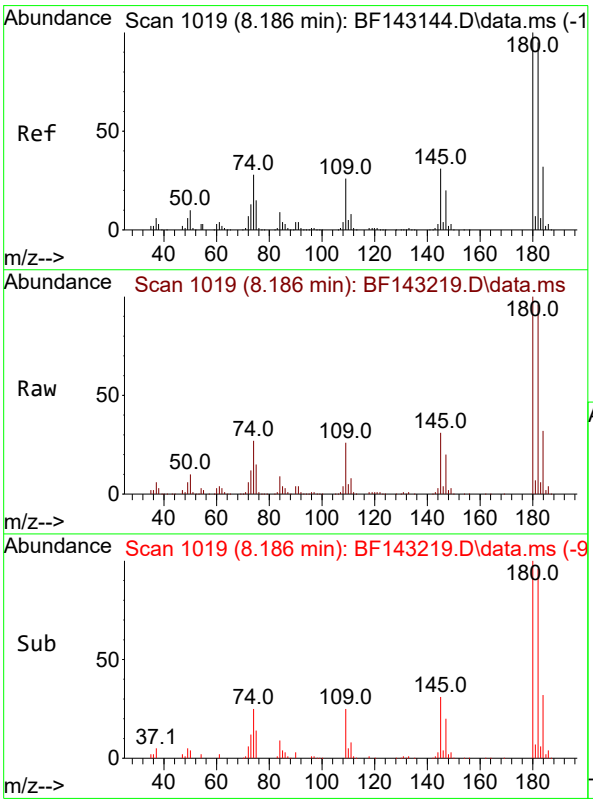
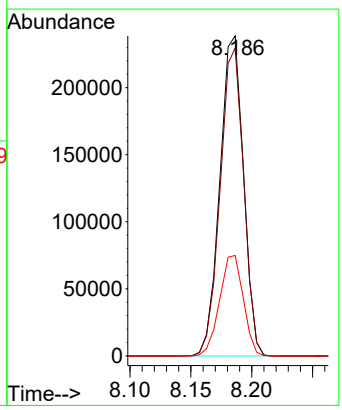
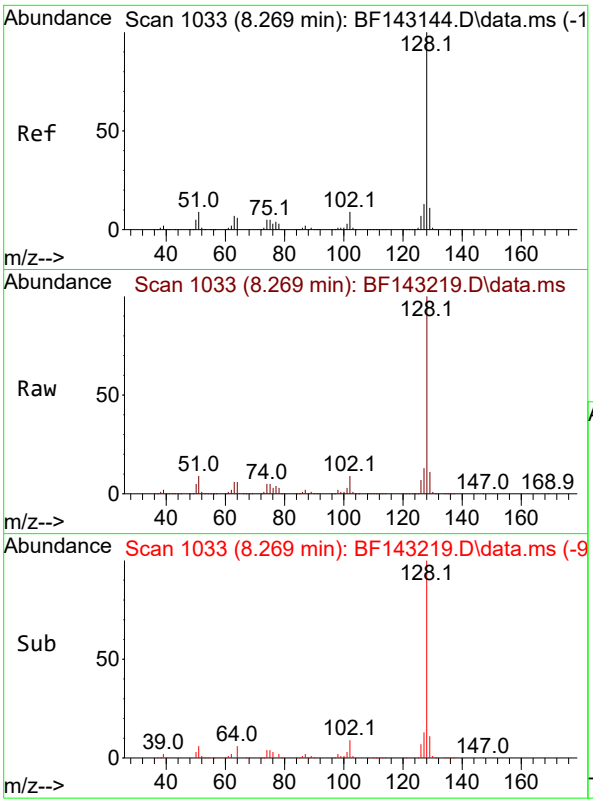


#30
1,2,4-Trichlorobenzene
Concen: 42.664 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:180 Resp: 321967

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.2	114.2
145	31.4	25.0	37.6





#31
Naphthalene
Concen: 42.382 ng
RT: 8.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:128 Resp: 104486

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.2	10.6	16.0

Instrument :
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ClientSampleId :
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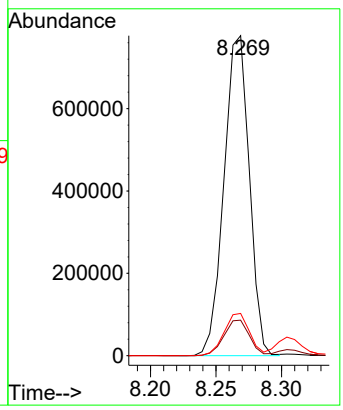
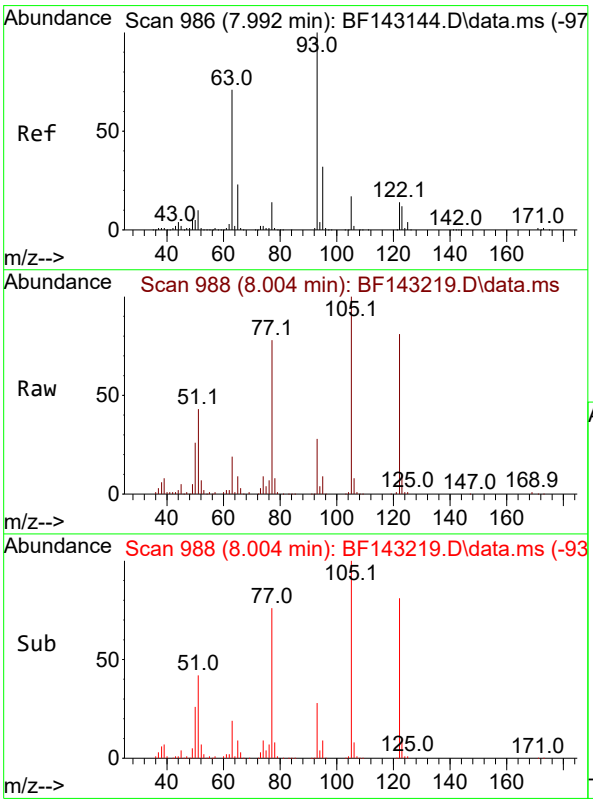
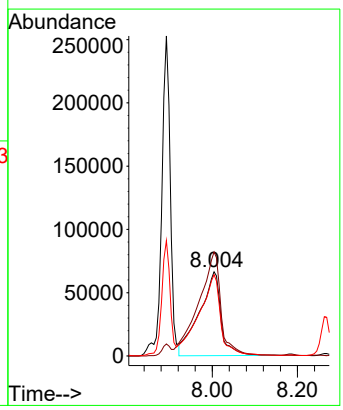


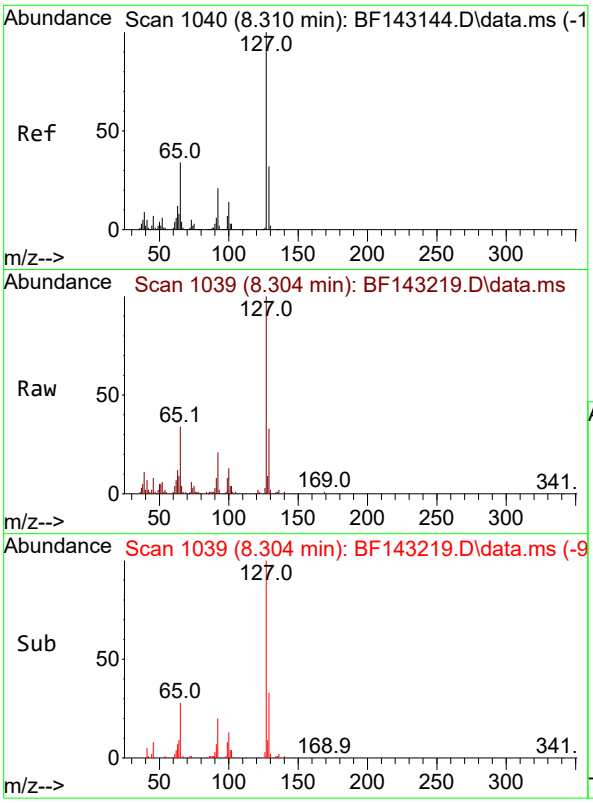


#32
Benzoic acid
Concen: 49.997 ng
RT: 8.004 min Scan# 988
Delta R.T. 0.012 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:122 Resp: 234401

Ion	Ratio	Lower	Upper
122	100		
105	123.6	104.8	144.8
77	96.6	77.6	117.6

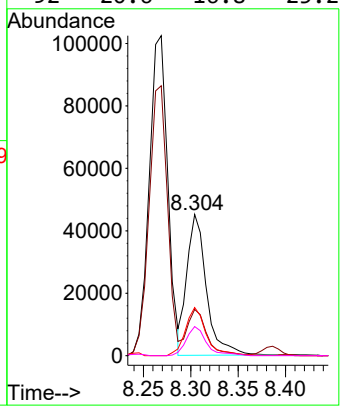




#33
4-Chloroaniline
Concen: 6.458 ng
RT: 8.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:127 Resp: 6501

Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.0	39.0
65	34.1	27.4	41.2
92	20.6	16.8	25.2



Instrument :
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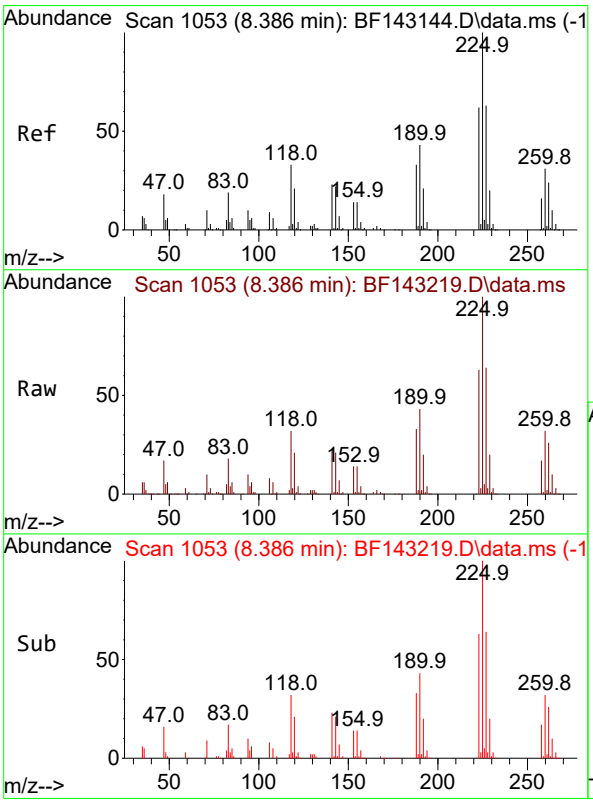
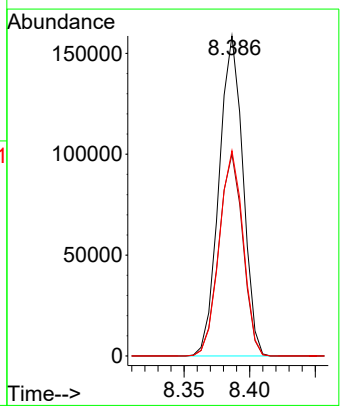
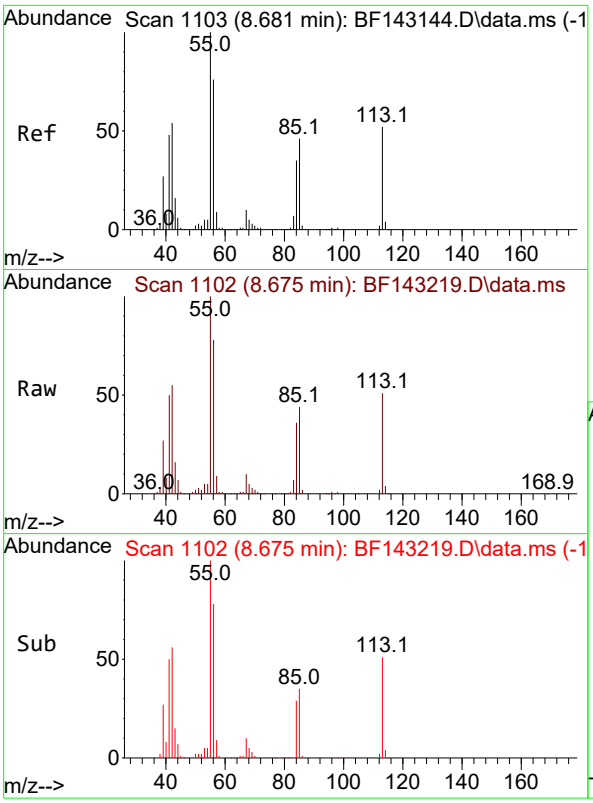


#34
Hexachlorobutadiene
Concen: 43.575 ng
RT: 8.386 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:225 Resp: 200881

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.6
227	64.2	50.2	75.4

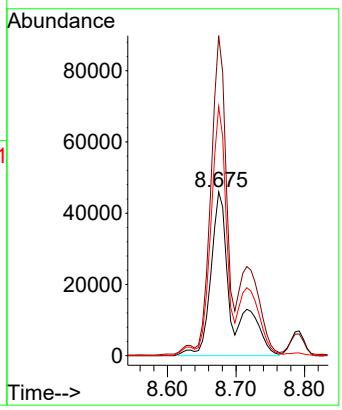




#35
Caprolactam
Concen: 47.398 ng m
RT: 8.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:113 Resp: 10004

Ion	Ratio	Lower	Upper
113	100		
55	195.2	174.0	214.0
56	152.0	126.6	166.6



Instrument :
BNA_F
ClientSampleId :
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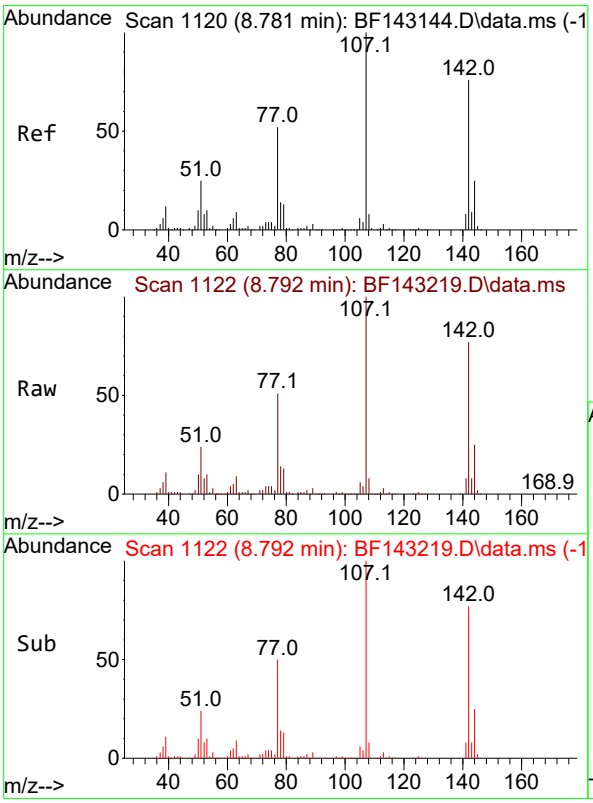
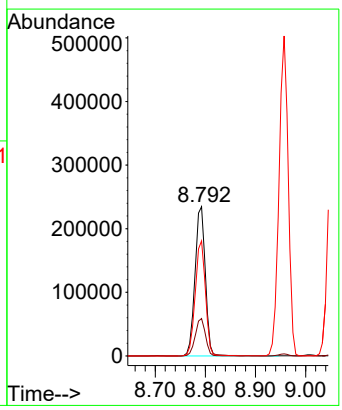
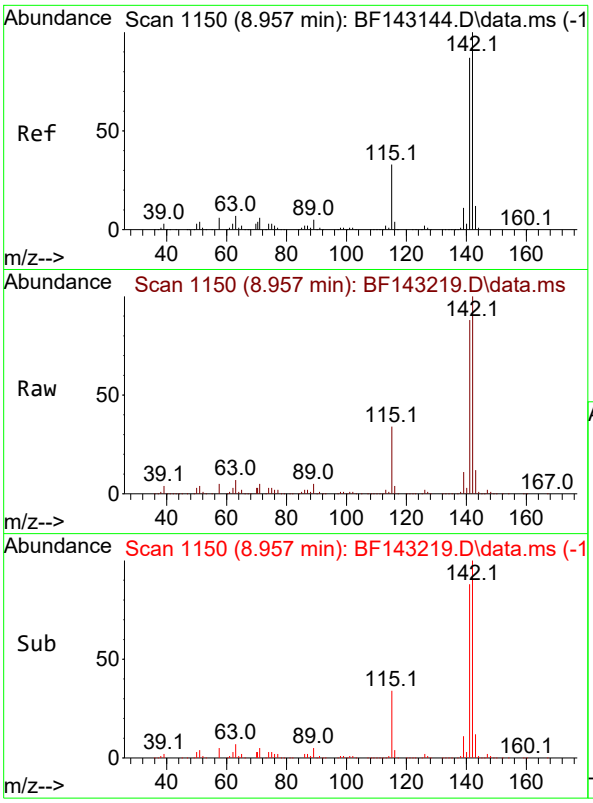


#36
4-Chloro-3-methylphenol
Concen: 44.285 ng
RT: 8.792 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:107 Resp: 336225

Ion	Ratio	Lower	Upper
107	100		
144	25.1	19.8	29.6
142	77.0	60.6	90.8





#37
2-Methylnaphthalene
Concen: 42.865 ng
RT: 8.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:142 Resp: 64307

Ion	Ratio	Lower	Upper
142	100		
141	87.8	69.9	104.9

Instrument :
BNA_F
ClientSampleId :
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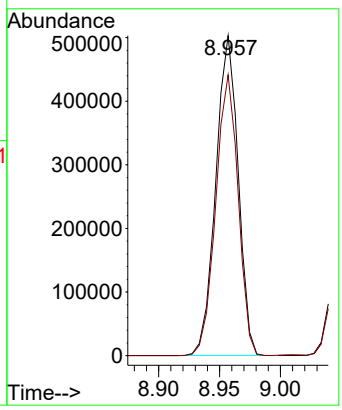
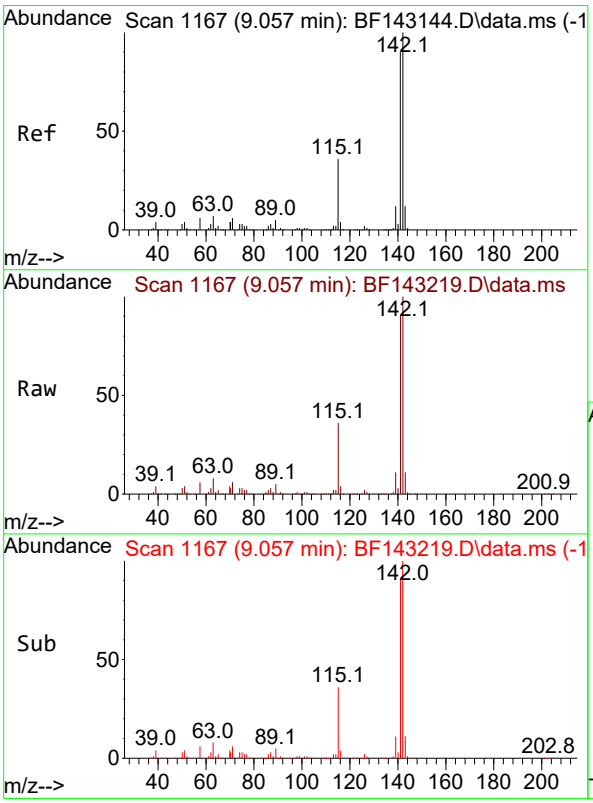
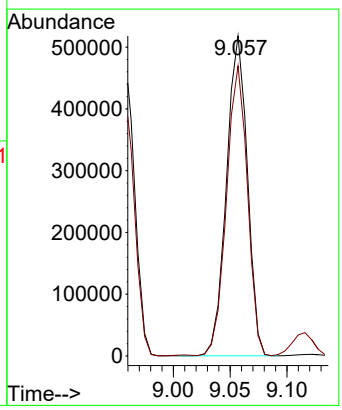


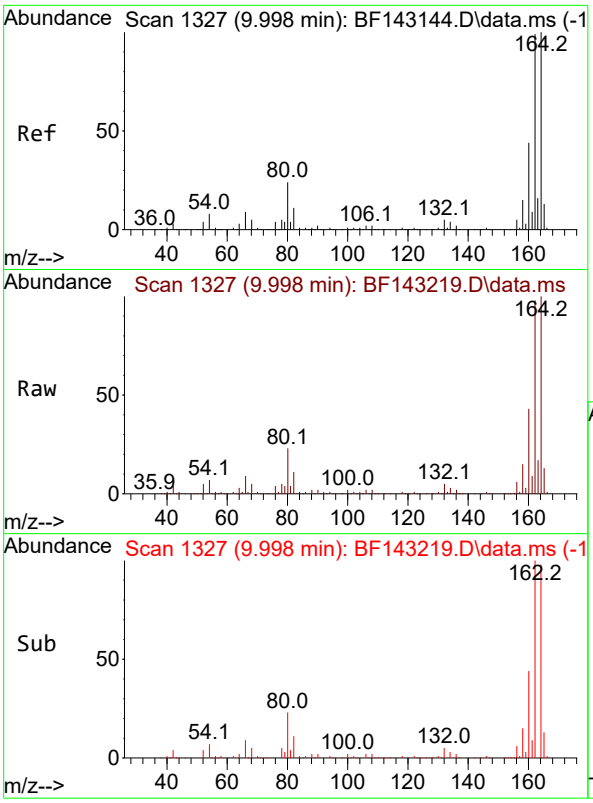


#38
1-Methylnaphthalene
Concen: 42.942 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:142 Resp: 663384

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.3	108.5

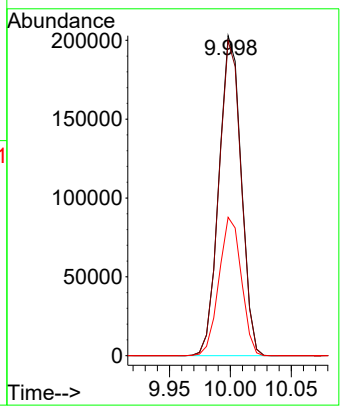




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:164 Resp: 25843

Ion	Ratio	Lower	Upper
164	100		
162	98.4	79.0	118.6
160	43.3	35.1	52.7



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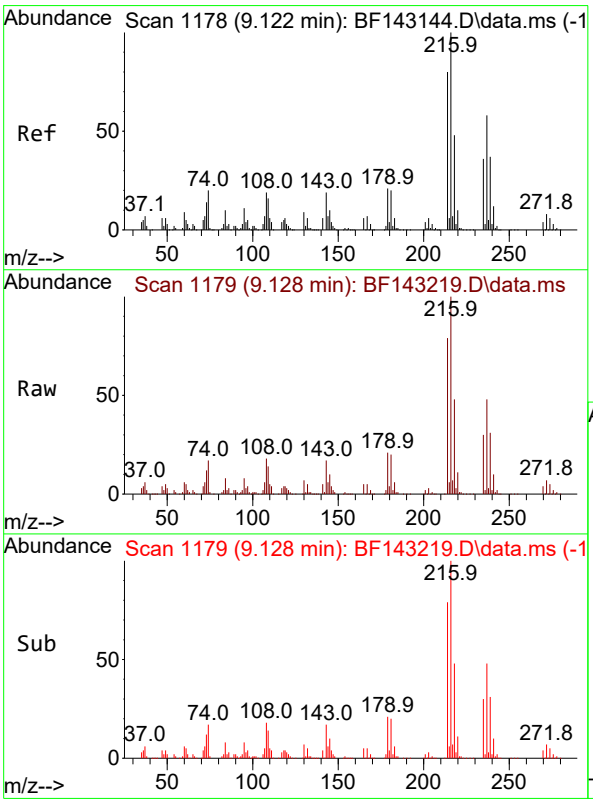
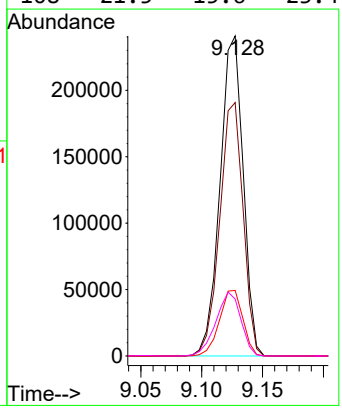
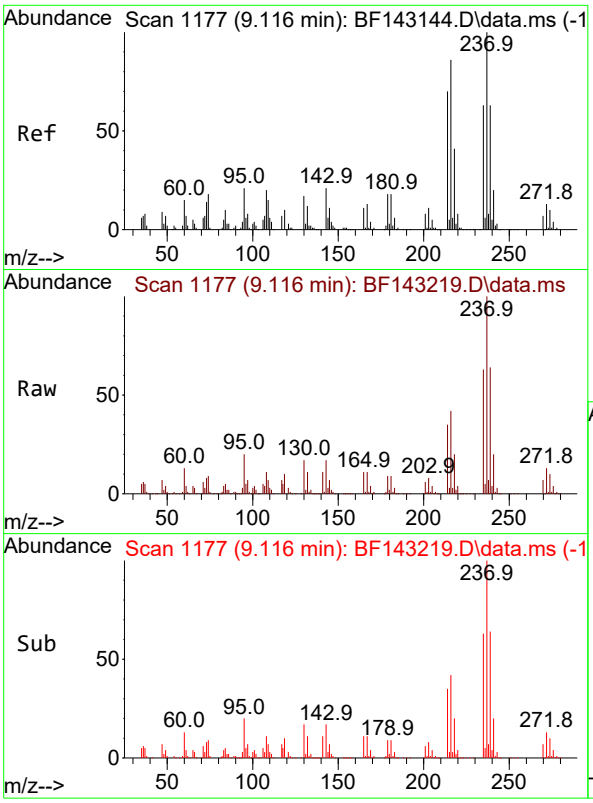


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.743 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:216 Resp: 318910

Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.8	95.8
179	20.7	16.4	24.6
108	21.5	15.6	23.4

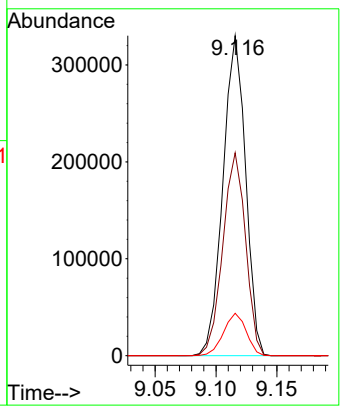




#41
Hexachlorocyclopentadiene
Concen: 88.068 ng
RT: 9.116 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:237 Resp: 42755

Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.0	83.0
272	13.3	0.0	33.3



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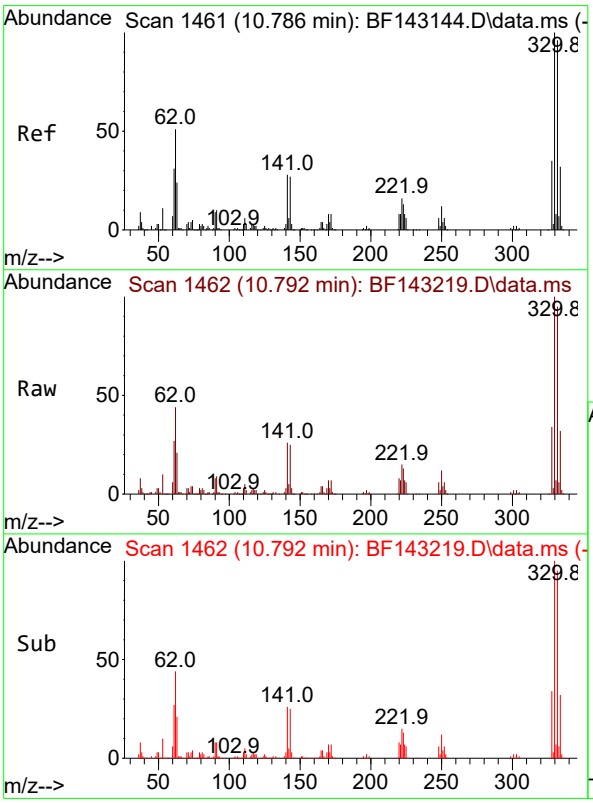
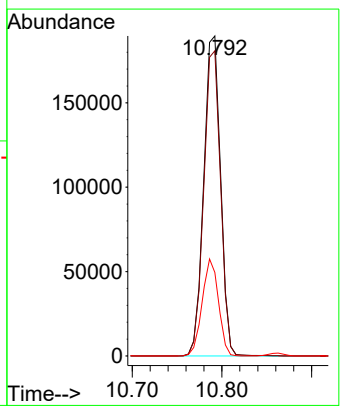
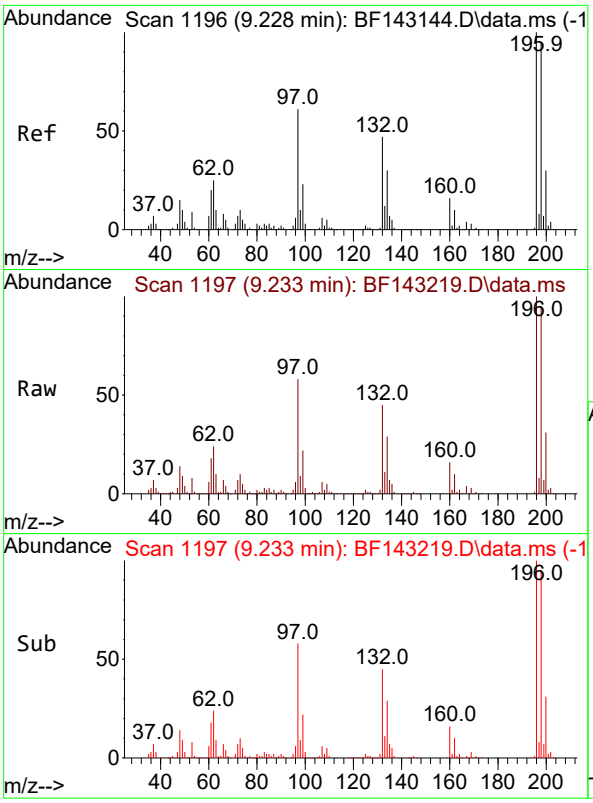


#42
2,4,6-Tribromophenol
Concen: 92.370 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:330 Resp: 246605

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.7	115.1
141	29.4	23.3	34.9

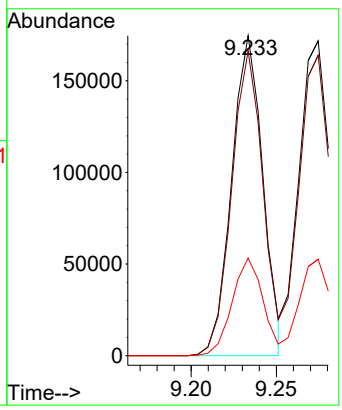




#43
2,4,6-Trichlorophenol
Concen: 42.946 ng
RT: 9.233 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:196 Resp: 22176

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
200	30.5	23.9	35.9



Instrument :
BNA_F
ClientSampleId :
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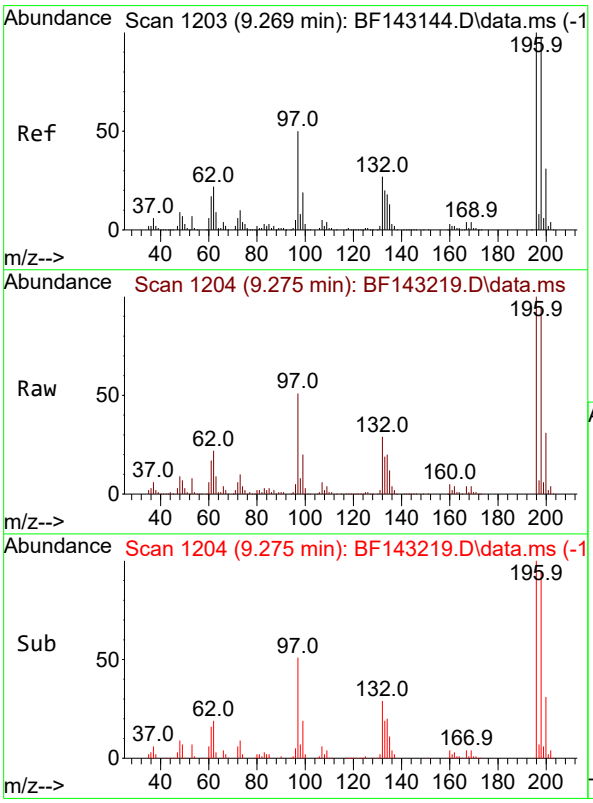
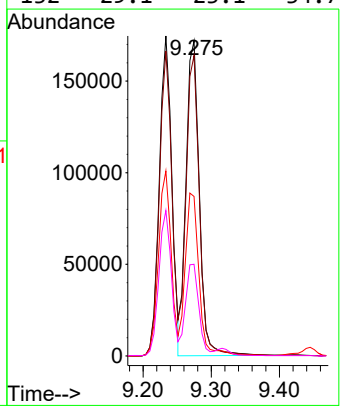
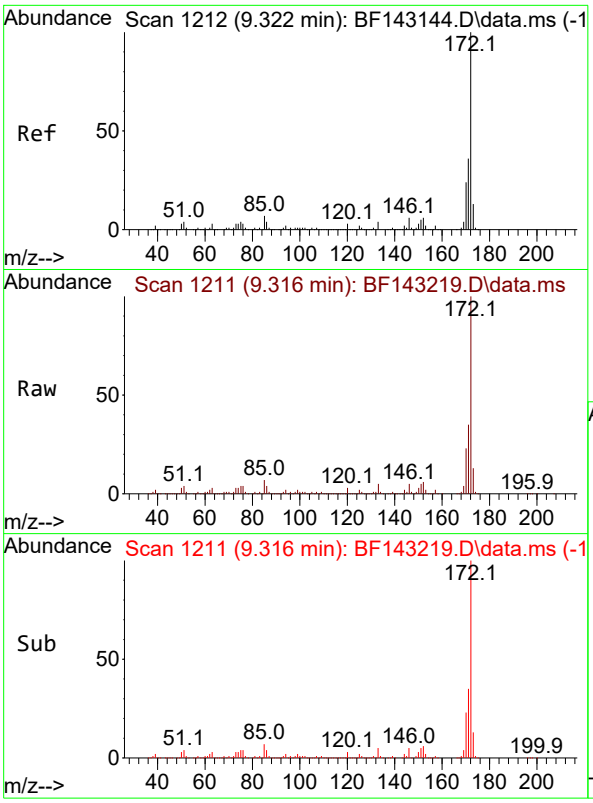


#44
2,4,5-Trichlorophenol
Concen: 44.986 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:196 Resp: 232369

Ion	Ratio	Lower	Upper
196	100		
198	95.5	77.3	115.9
97	50.7	40.3	60.5
132	29.1	23.1	34.7

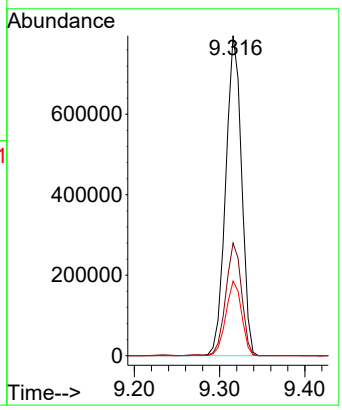




#45
2-Fluorobiphenyl
Concen: 54.278 ng
RT: 9.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:172 Resp: 102565

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	23.3	18.8	28.2



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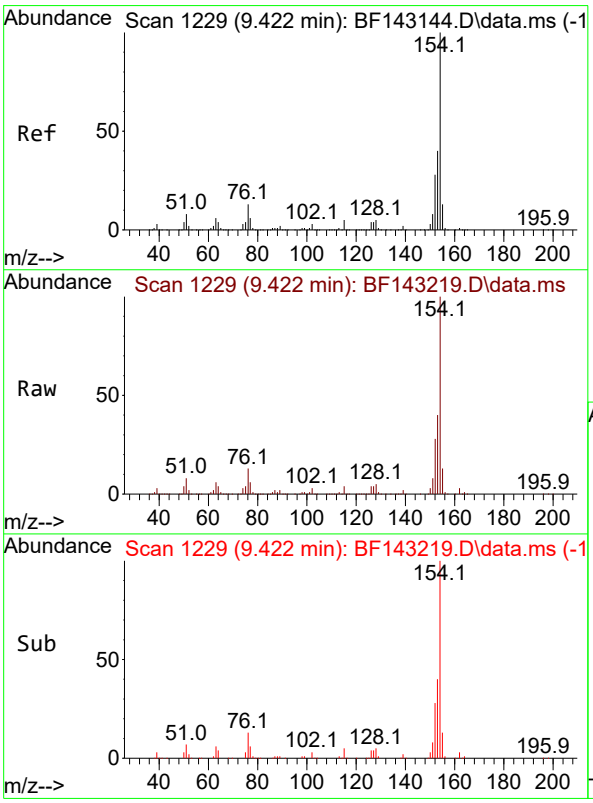
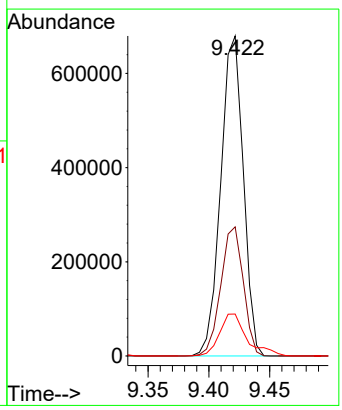
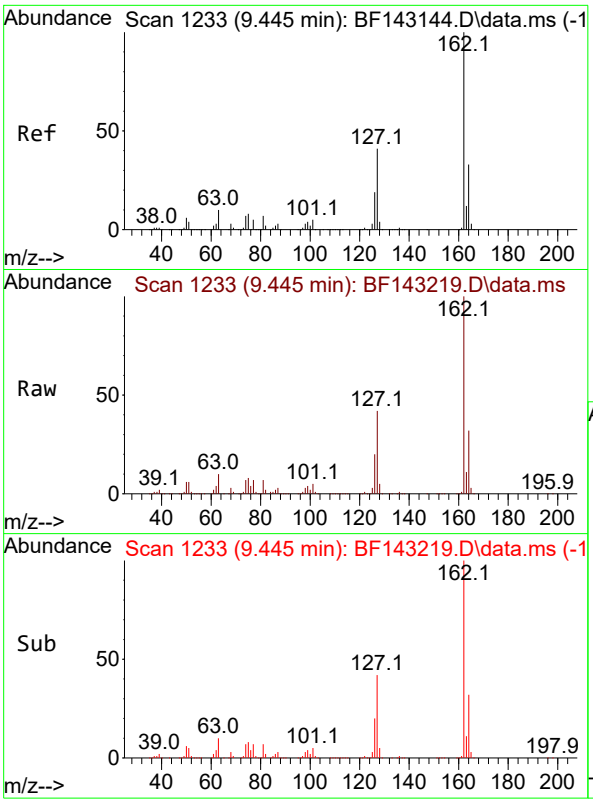


#46
1,1'-Biphenyl
Concen: 43.522 ng
RT: 9.422 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:154 Resp: 877516

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.3	60.3
76	13.1	0.0	33.3

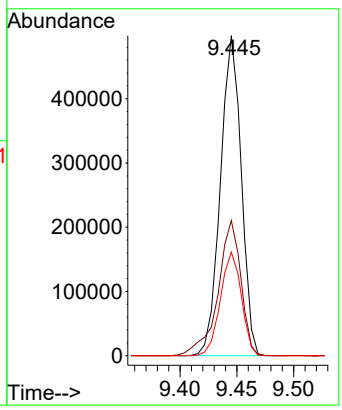




#47
2-Chloronaphthalene
Concen: 42.634 ng
RT: 9.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:162 Resp: 63605

Ion	Ratio	Lower	Upper
162	100		
127	42.2	33.4	50.2
164	32.4	26.2	39.2



Instrument :
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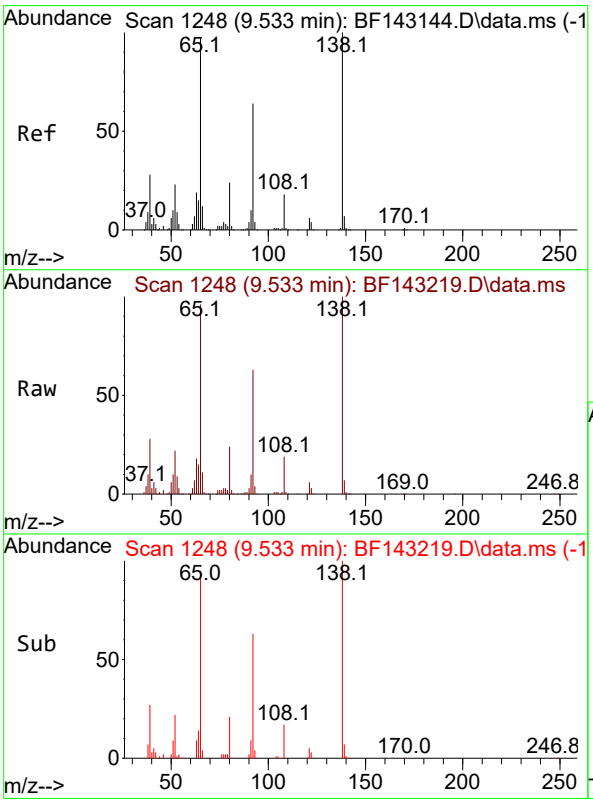
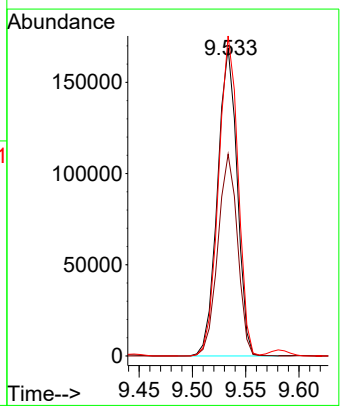
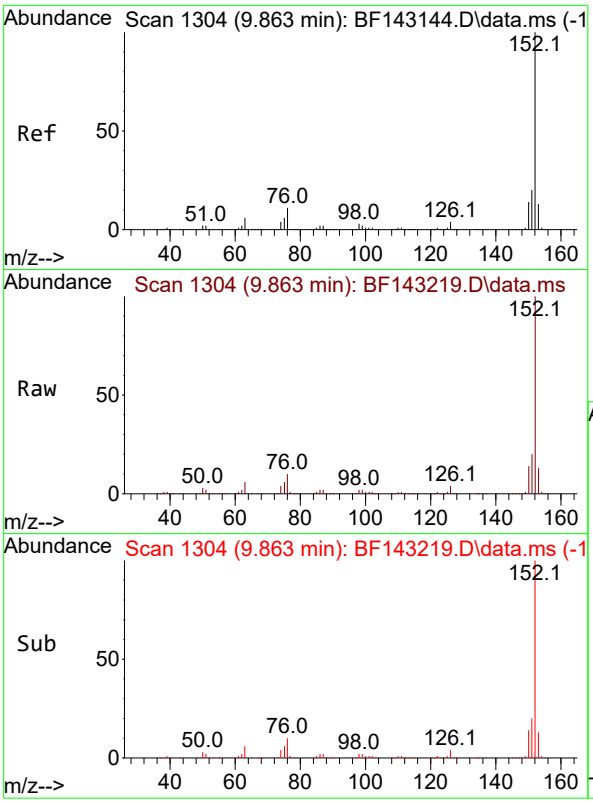


#48
2-Nitroaniline
Concen: 46.188 ng
RT: 9.533 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion: 65 Resp: 216093

Ion	Ratio	Lower	Upper
65	100		
92	65.4	52.4	78.6
138	103.8	82.3	123.5

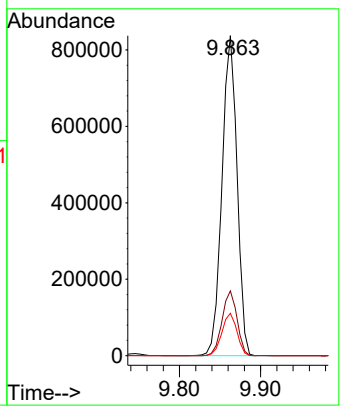




#49
Acenaphthylene
Concen: 43.295 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:152 Resp: 108245

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.3	10.6	16.0



Instrument :
BNA_F
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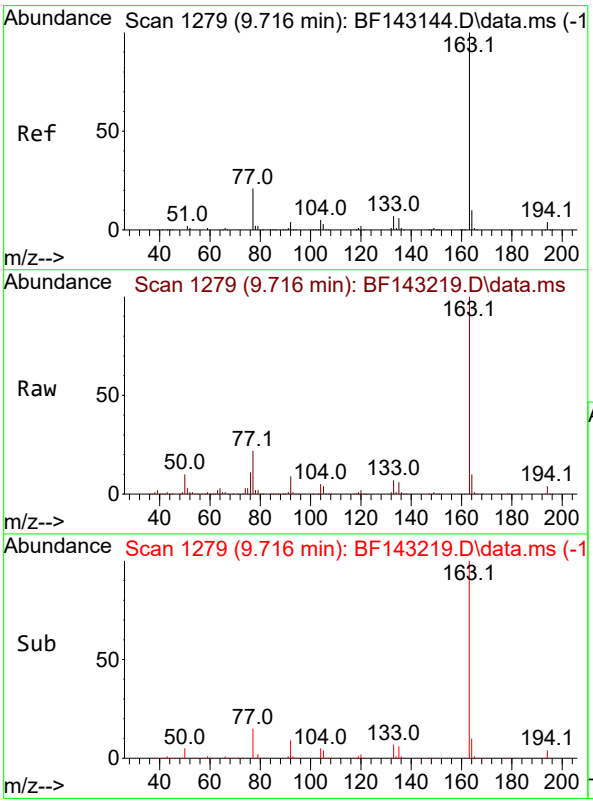
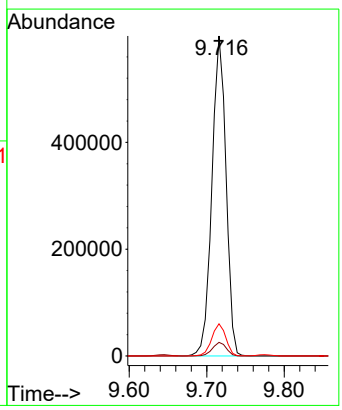
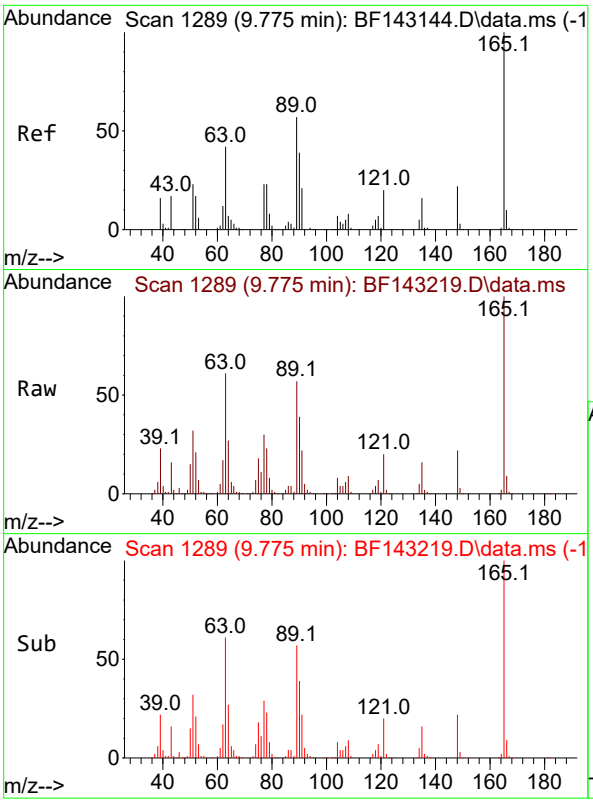


#50
Dimethylphthalate
Concen: 44.909 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:163 Resp: 756505

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.1	8.3	12.5

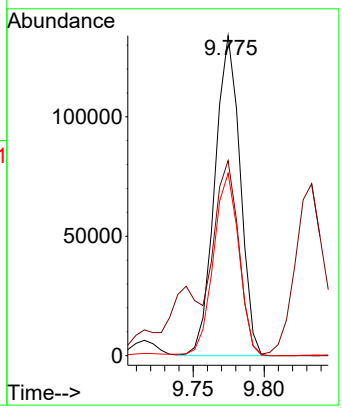




#51
2,6-Dinitrotoluene
Concen: 48.404 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:165 Resp: 16587

Ion	Ratio	Lower	Upper
165	100		
63	61.0	49.4	74.2
89	57.0	46.2	69.2



Instrument :
BNA_F
ClientSampleId :
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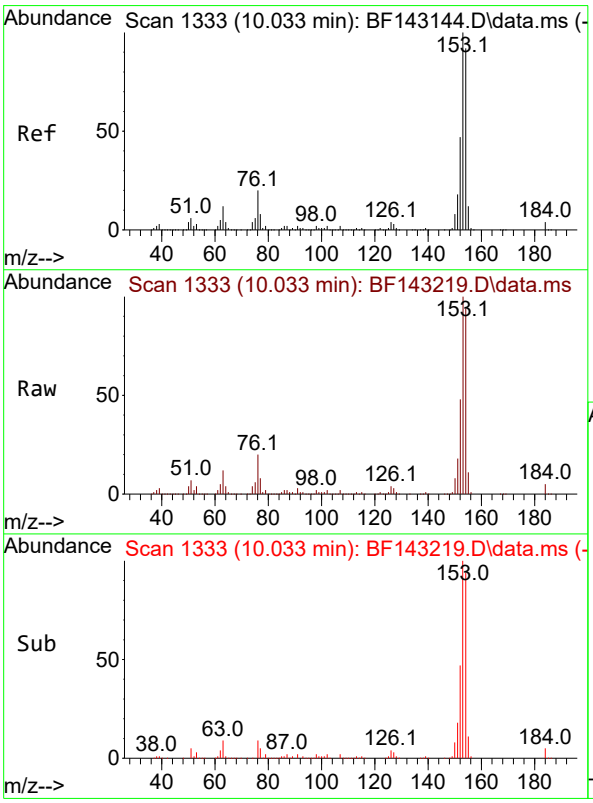
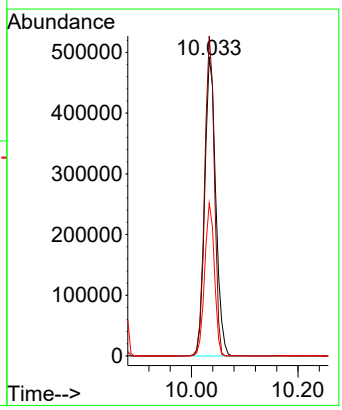
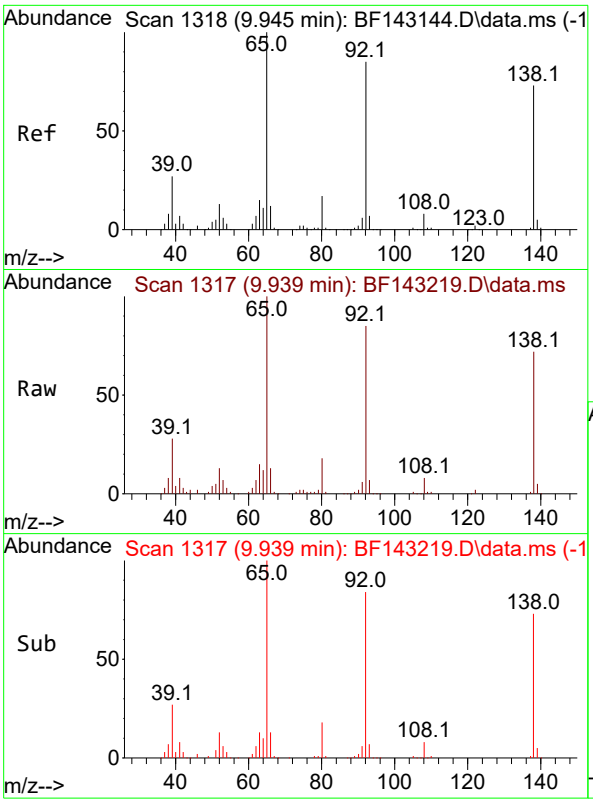


#52
Acenaphthene
Concen: 47.878 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:154 Resp: 707499

Ion	Ratio	Lower	Upper
154	100		
153	106.9	86.6	129.8
152	51.1	40.4	60.6





#53
3-Nitroaniline
Concen: 21.996 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:138 Resp: 8816

Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.0	13.6
92	117.5	93.0	139.4

Instrument :
BNA_F
ClientSampleId :
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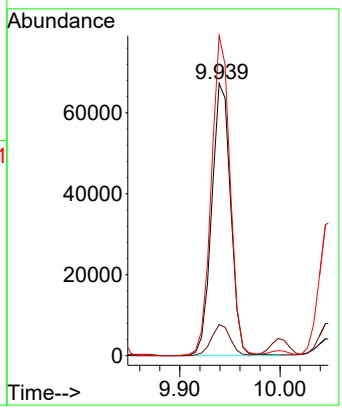
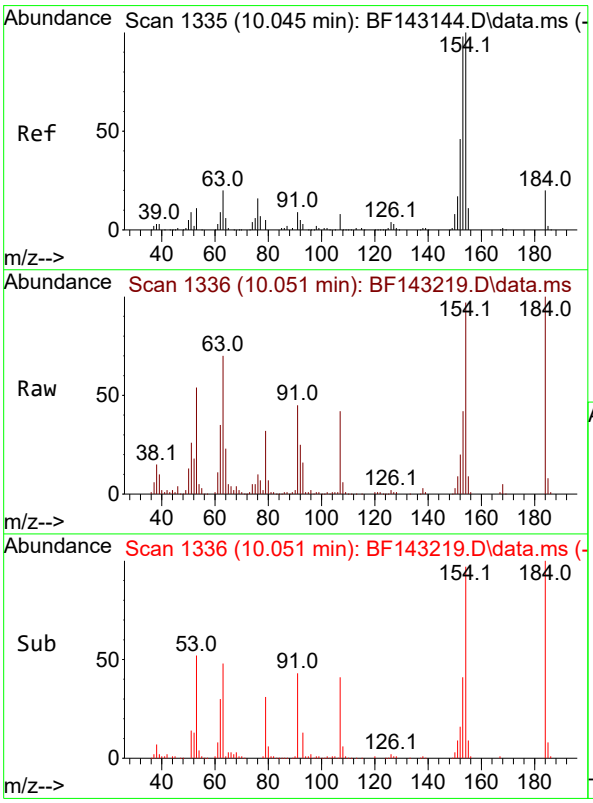
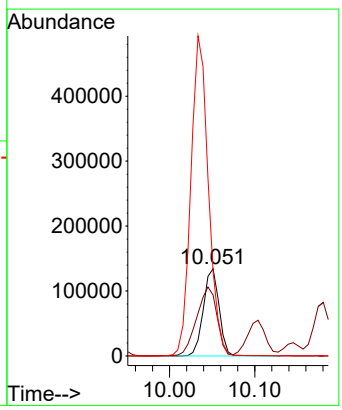


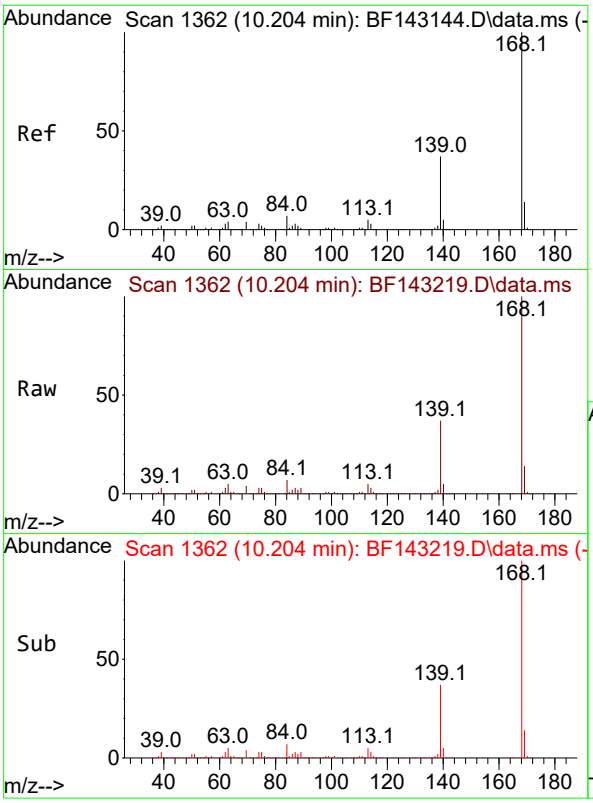


#54
2,4-Dinitrophenol
Concen: 108.368 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:184 Resp: 172311

Ion	Ratio	Lower	Upper
184	100		
63	69.8	81.8	122.6#
154	96.9	412.2	618.4#

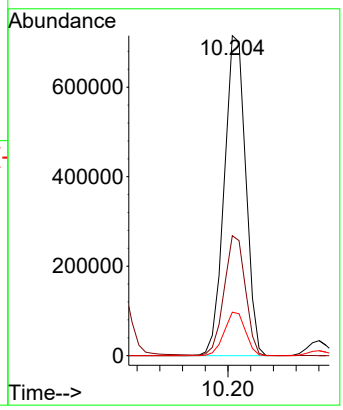




#55
Dibenzofuran
Concen: 42.753 ng
RT: 10.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:168 Resp: 93798

Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.5	44.3
169	13.6	10.9	16.3



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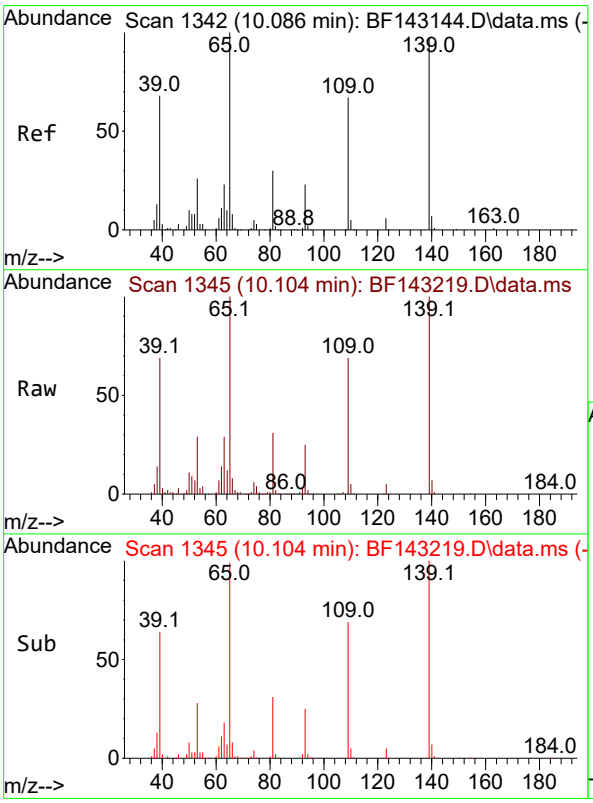
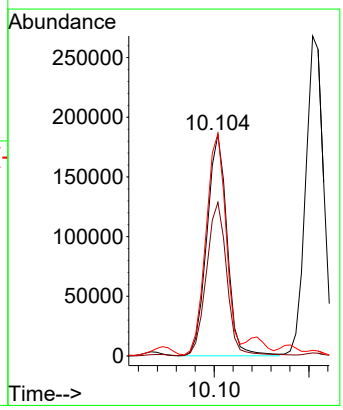
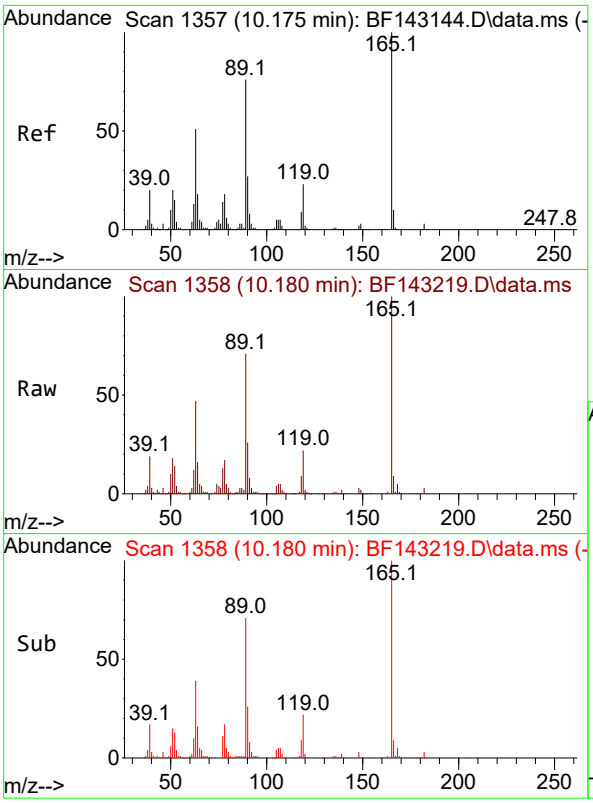


#56
4-Nitrophenol
Concen: 91.677 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:139 Resp: 274401

Ion	Ratio	Lower	Upper
139	100		
109	69.4	48.5	88.5
65	100.3	83.4	123.4

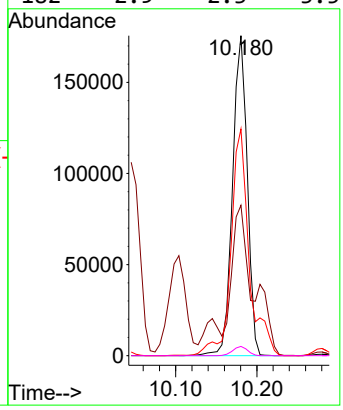




#57
2,4-Dinitrotoluene
Concen: 51.332 ng
RT: 10.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:165 Resp: 22069

Ion	Ratio	Lower	Upper
165	100		
63	47.0	41.0	61.4
89	70.9	61.1	91.7
182	2.9	2.3	3.5



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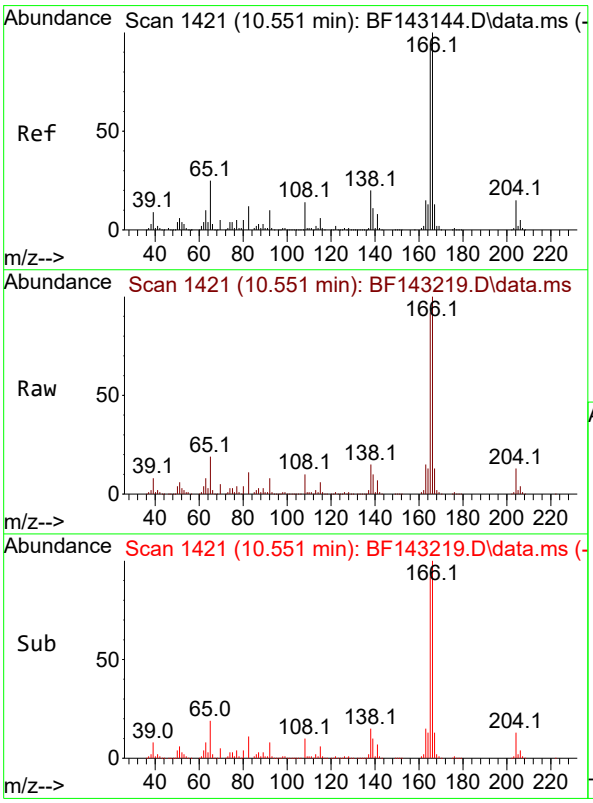
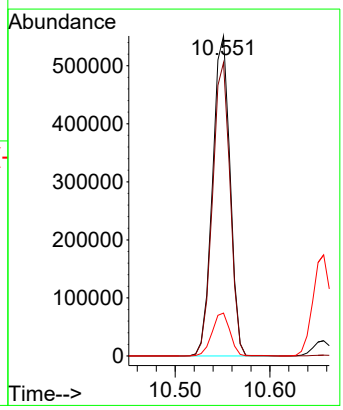
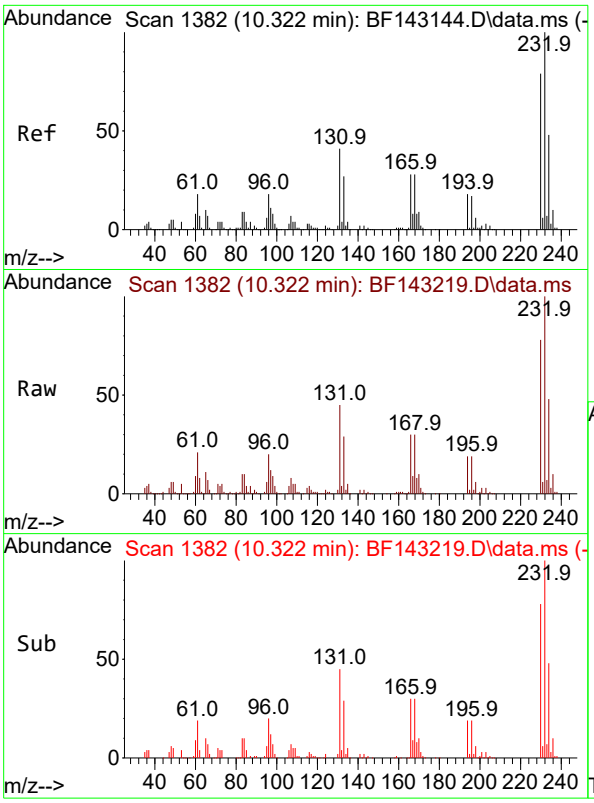


#58
Fluorene
Concen: 42.852 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:166 Resp: 705612

Ion	Ratio	Lower	Upper
166	100		
165	91.7	73.7	110.5
167	13.4	10.6	16.0

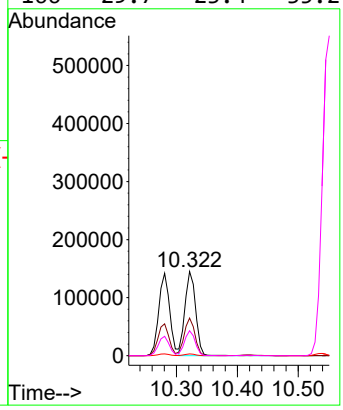




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.305 ng
RT: 10.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:232 Resp: 17673

Ion	Ratio	Lower	Upper
232	100		
131	44.7	35.3	52.9
130	2.1	1.7	2.5
166	29.7	23.4	35.2



Instrument :
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ClientSampleId :
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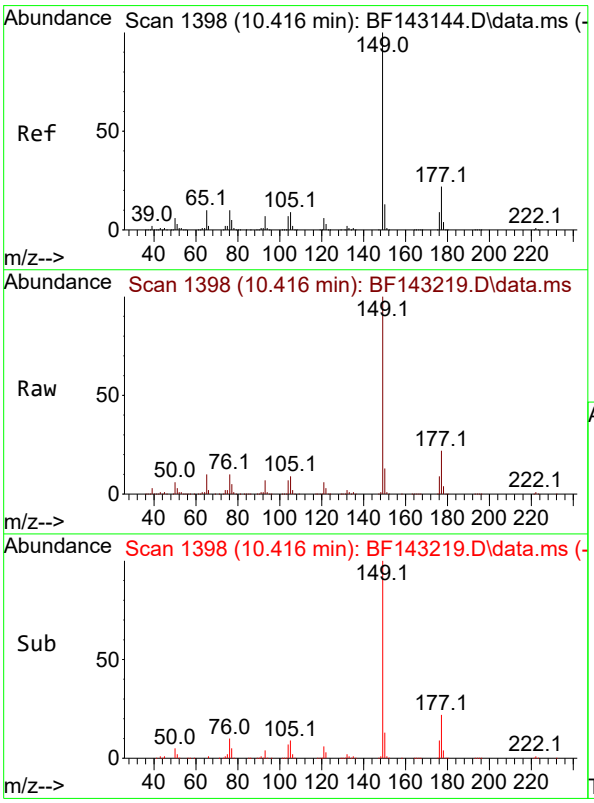
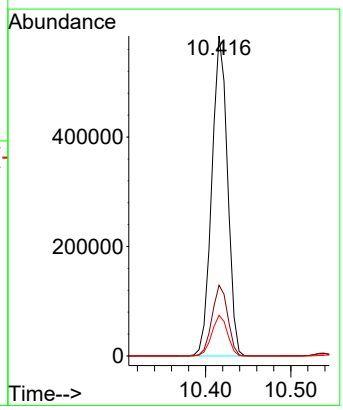
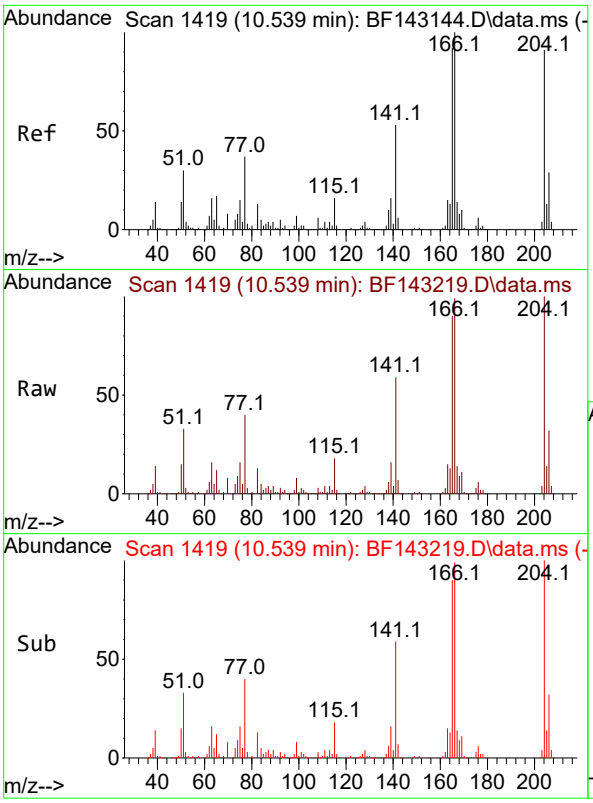


#60
Diethylphthalate
Concen: 44.863 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:149 Resp: 746969

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.5	26.3
150	12.7	10.2	15.2

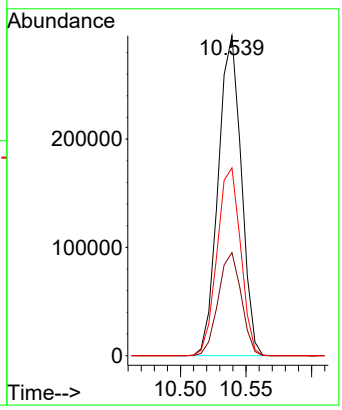




#61
4-Chlorophenyl-phenylether
Concen: 44.034 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:204 Resp: 36103

Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.8	38.8
141	58.7	47.0	70.4



Instrument :
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ClientSampleId :
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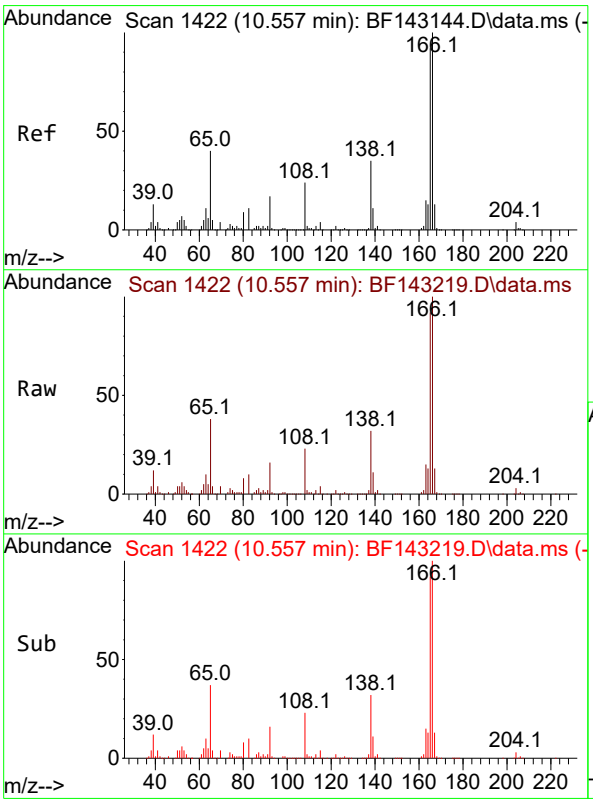
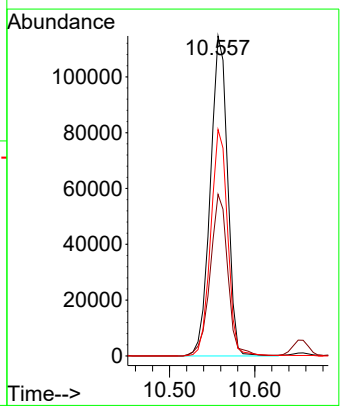
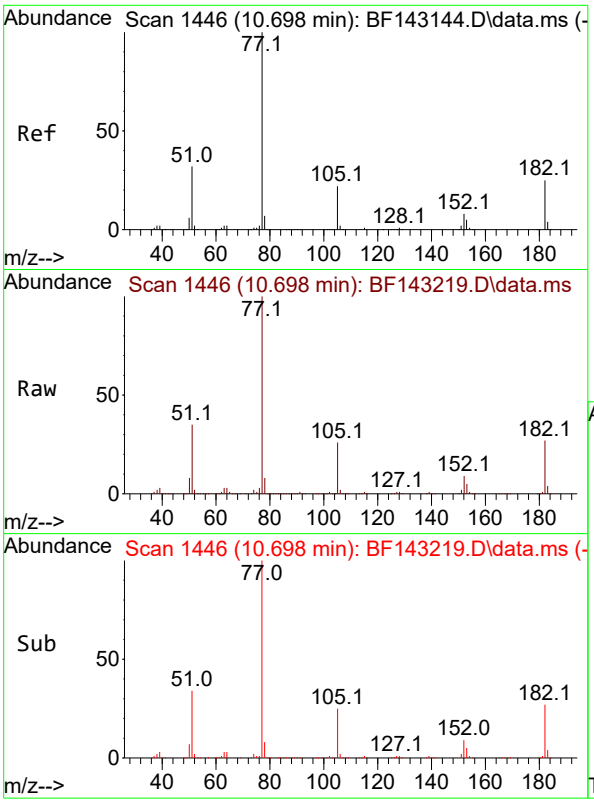


#62
4-Nitroaniline
Concen: 46.804 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:138 Resp: 160785

Ion	Ratio	Lower	Upper
138	100		
92	50.5	29.3	69.3
108	70.8	48.3	88.3





#63
Azobenzene
Concen: 48.495 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion: 77 Resp: 84153

Ion	Ratio	Lower	Upper
77	100		
182	26.6	4.6	44.6
105	26.1	1.4	41.4
51	34.6	13.7	53.7

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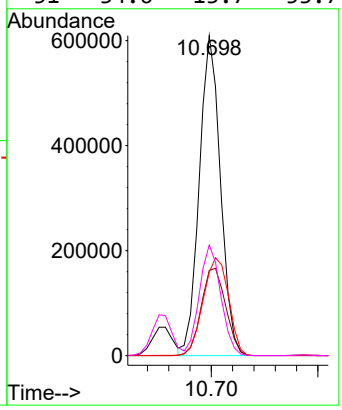
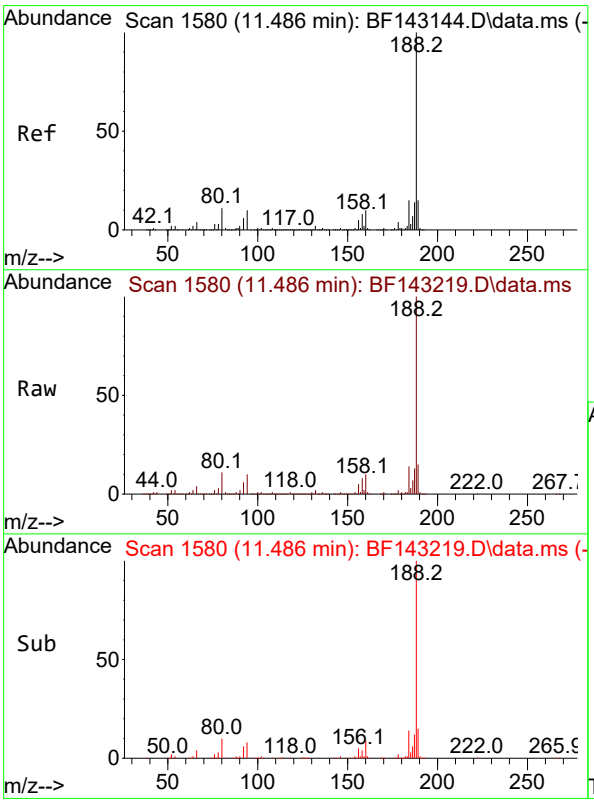
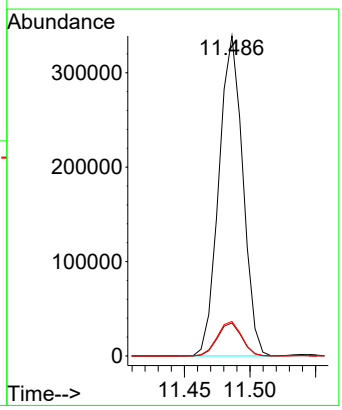


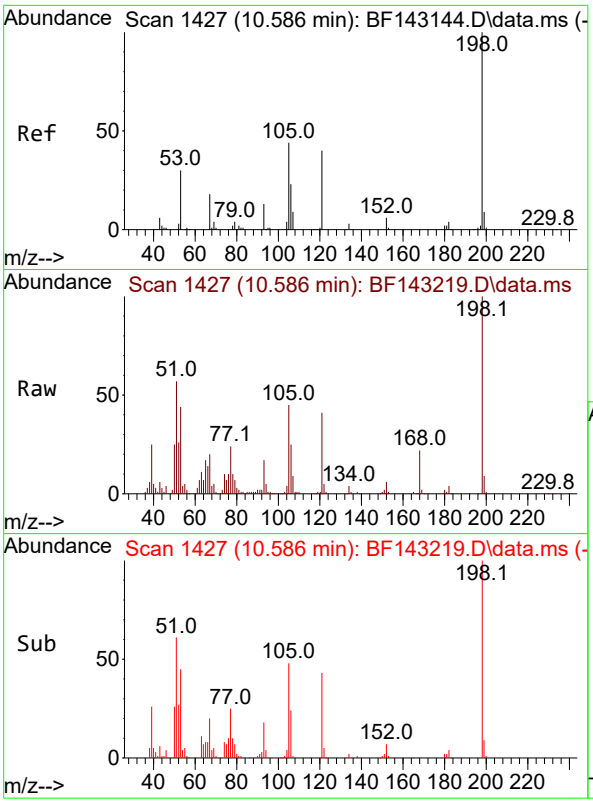


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:188 Resp: 430420

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.3	12.5
80	10.8	9.0	13.6

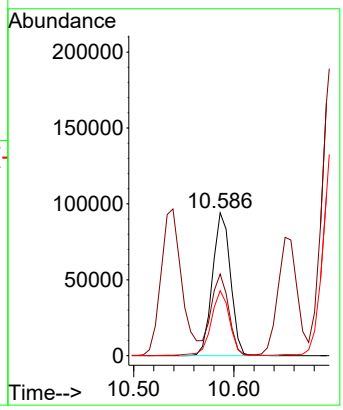




#65
4,6-Dinitro-2-methylphenol
Concen: 51.484 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:198 Resp: 11716

Ion	Ratio	Lower	Upper
198	100		
51	57.1	37.2	77.2
105	45.5	24.8	64.8



Instrument :
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ClientSampleId :
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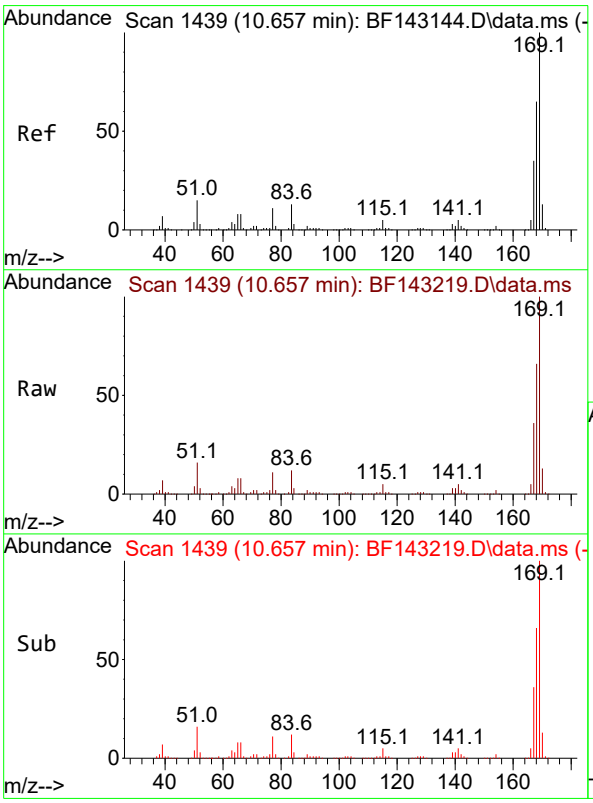
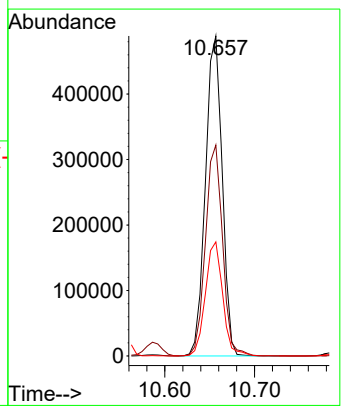
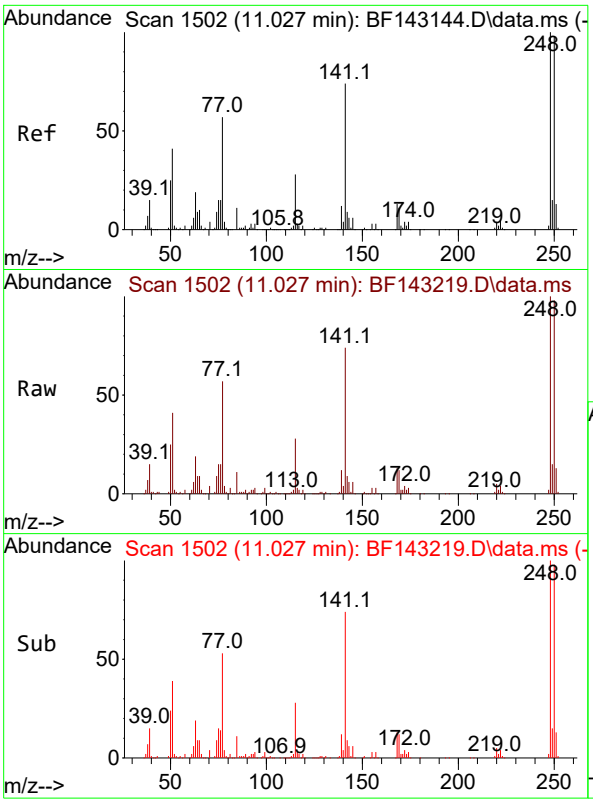


#66
n-Nitrosodiphenylamine
Concen: 41.754 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:169 Resp: 632847

Ion	Ratio	Lower	Upper
169	100		
168	65.9	52.1	78.1
167	35.7	28.2	42.2

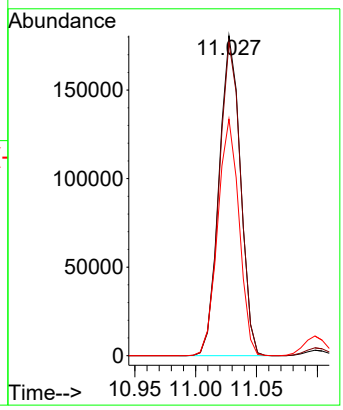




#67
4-Bromophenyl-phenylether
Concen: 43.009 ng
RT: 11.027 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:248 Resp: 22061

Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.3	117.5
141	74.0	59.2	88.8



Instrument :
BNA_F
ClientSampleId :
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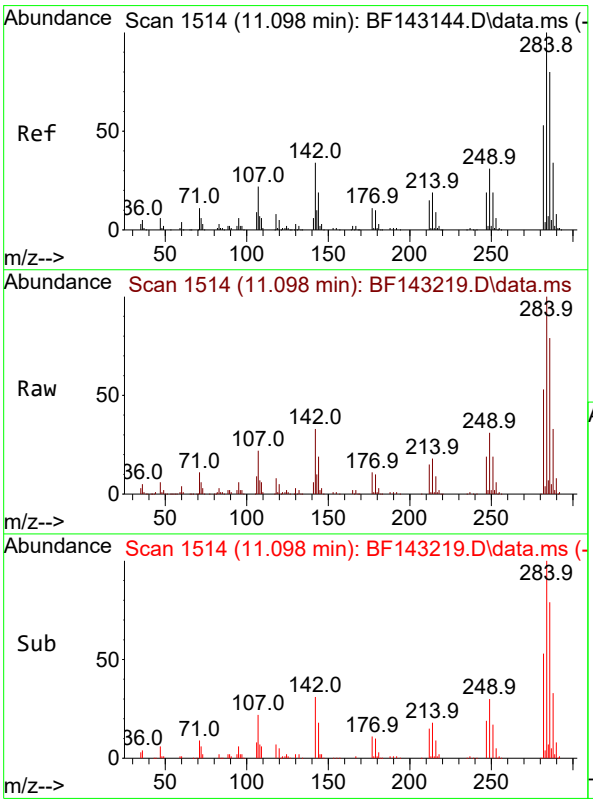
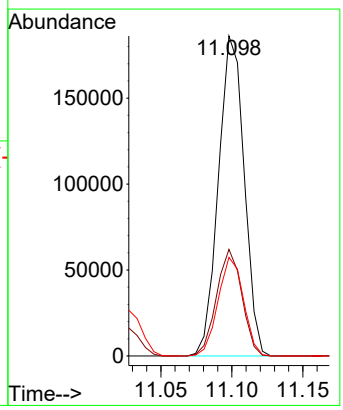
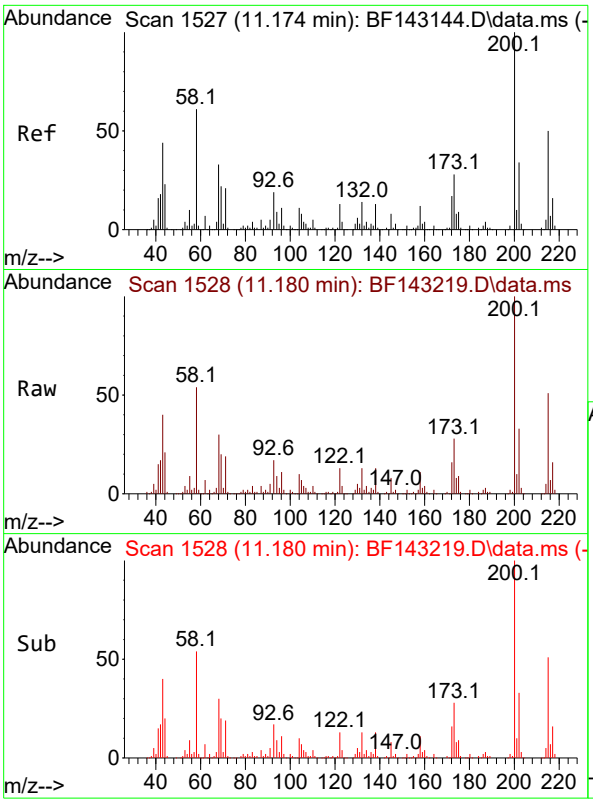


#68
Hexachlorobenzene
Concen: 43.678 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:284 Resp: 234176

Ion	Ratio	Lower	Upper
284	100		
142	33.3	27.0	40.6
249	30.8	25.0	37.6

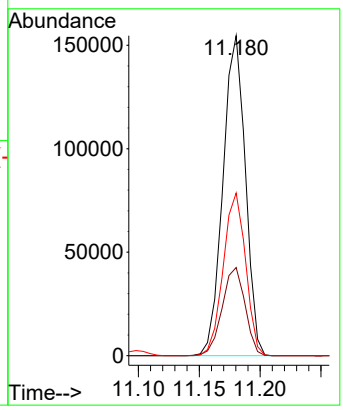




#69
Atrazine
Concen: 47.399 ng
RT: 11.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:200 Resp: 19805

Ion	Ratio	Lower	Upper
200	100		
173	27.6	7.9	47.9
215	50.9	30.1	70.1



Instrument :
BNA_F
ClientSampleId :
WC-3MS

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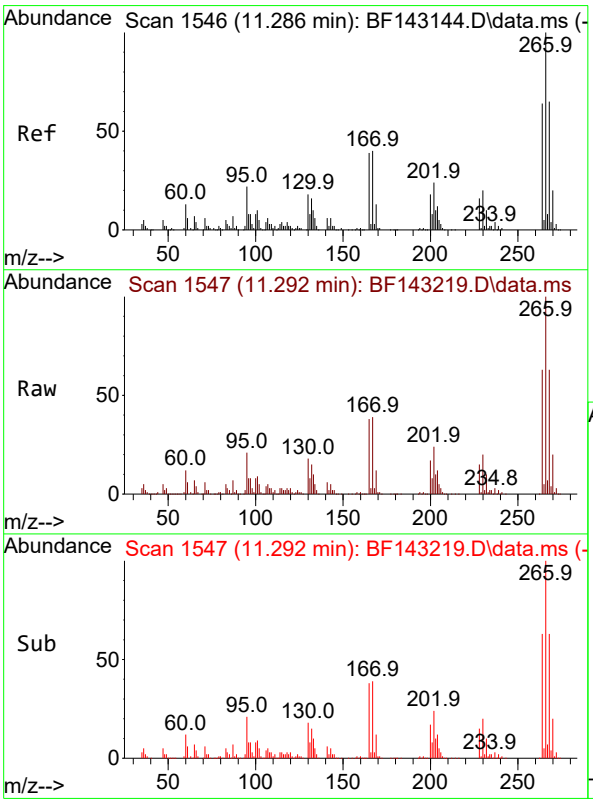
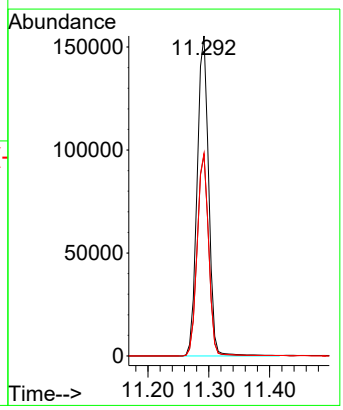
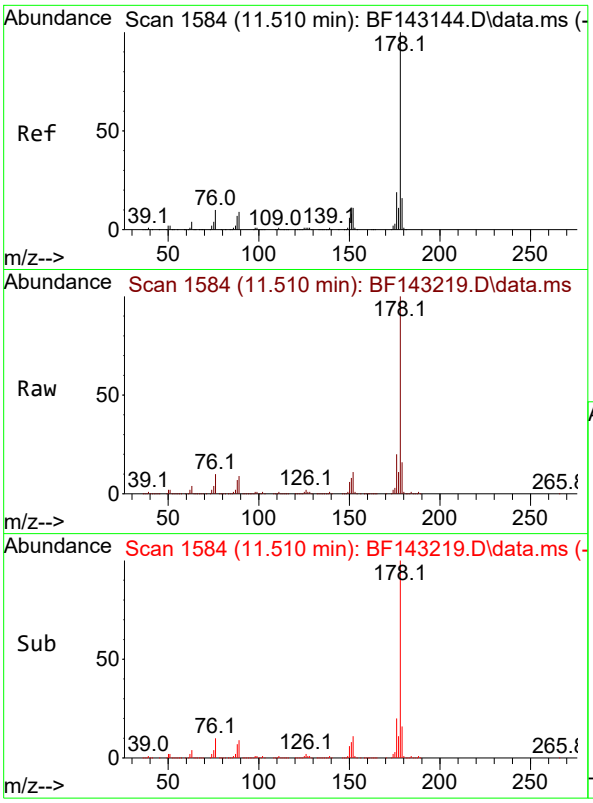


#70
Pentachlorophenol
Concen: 64.730 ng
RT: 11.292 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:266 Resp: 204090

Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.9	77.9
264	63.3	51.0	76.6

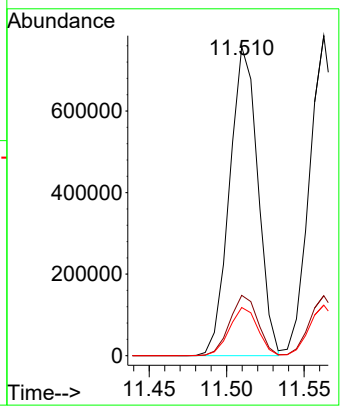




#71
Phenanthrene
Concen: 42.033 ng
RT: 11.510 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:178 Resp: 96062

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.6	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
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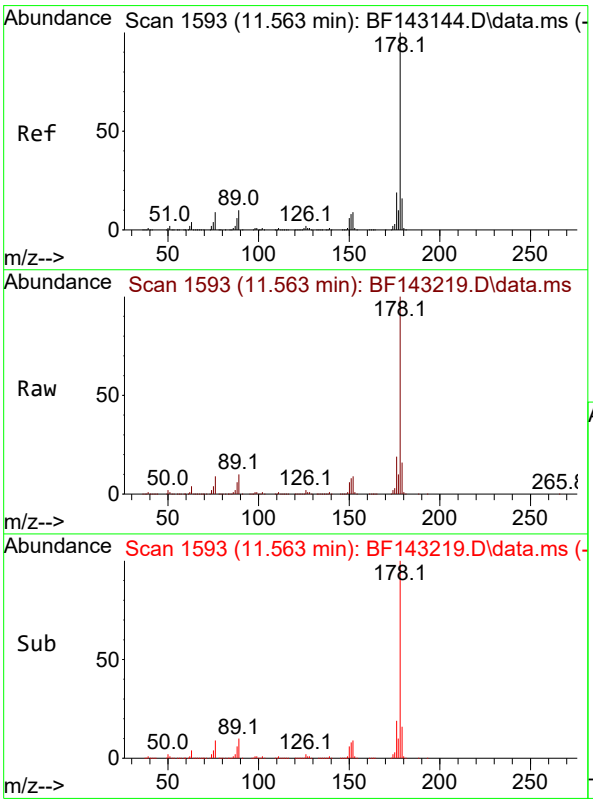
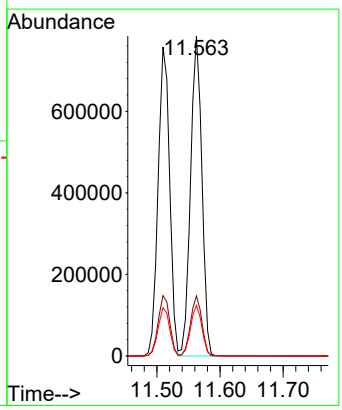
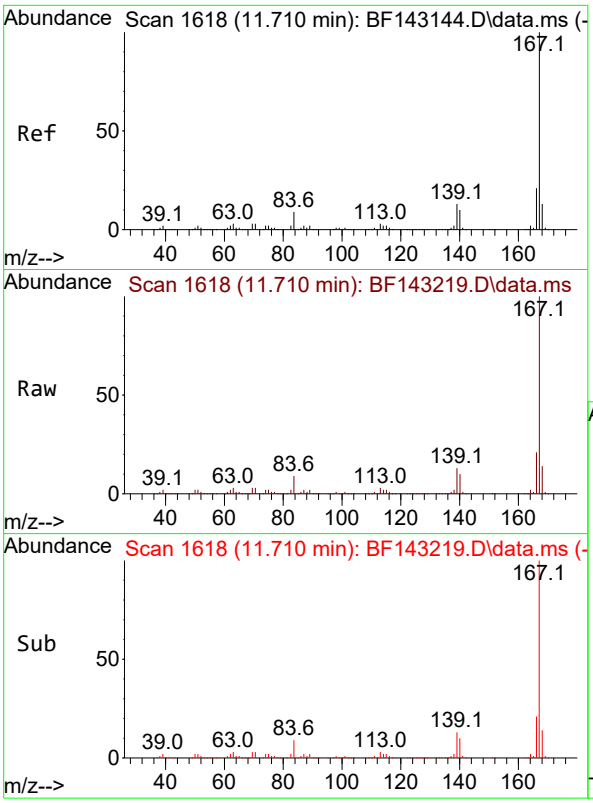


#72
Anthracene
Concen: 41.993 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:178 Resp: 978804

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.8	12.5	18.7

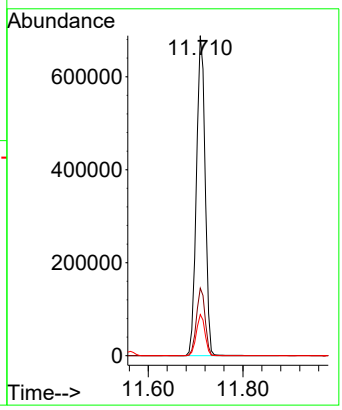




#73
Carbazole
Concen: 43.388 ng
RT: 11.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:167 Resp: 88307

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.6
139	12.8	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
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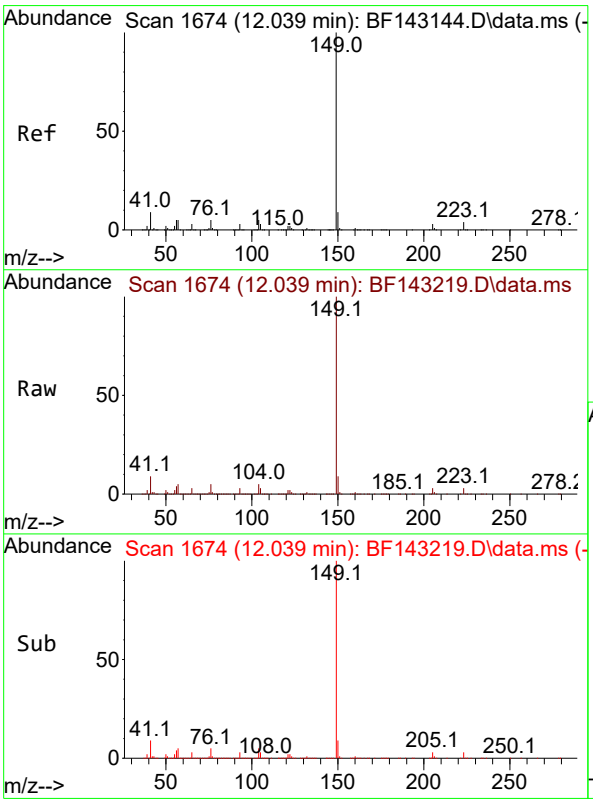
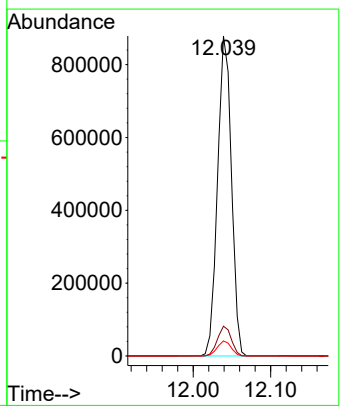
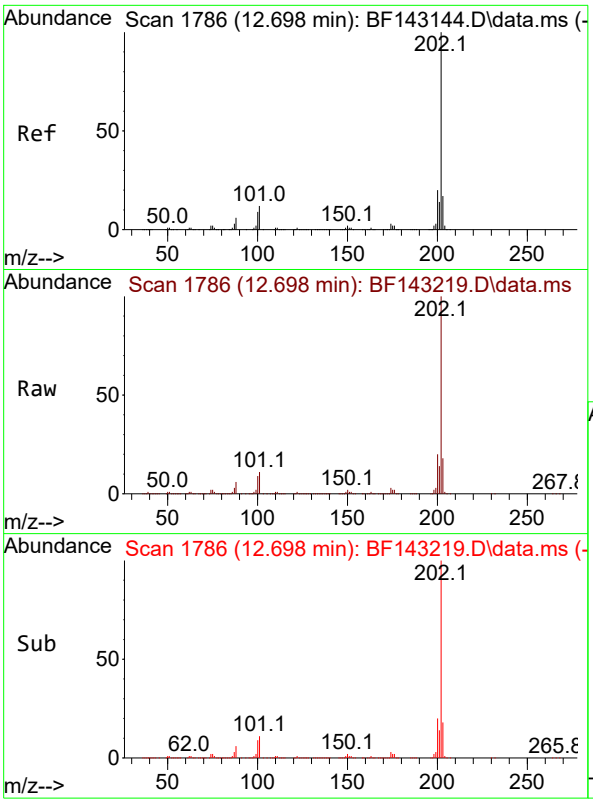


#74
Di-n-butylphthalate
Concen: 47.400 ng
RT: 12.039 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:149 Resp: 1091594

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.7	3.8	5.8

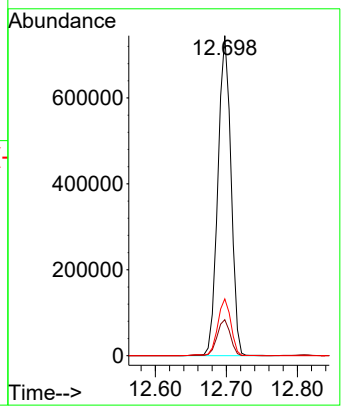




#75
Fluoranthene
Concen: 45.158 ng
RT: 12.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:202 Resp: 94728

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.7
203	17.8	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
WC-3MS

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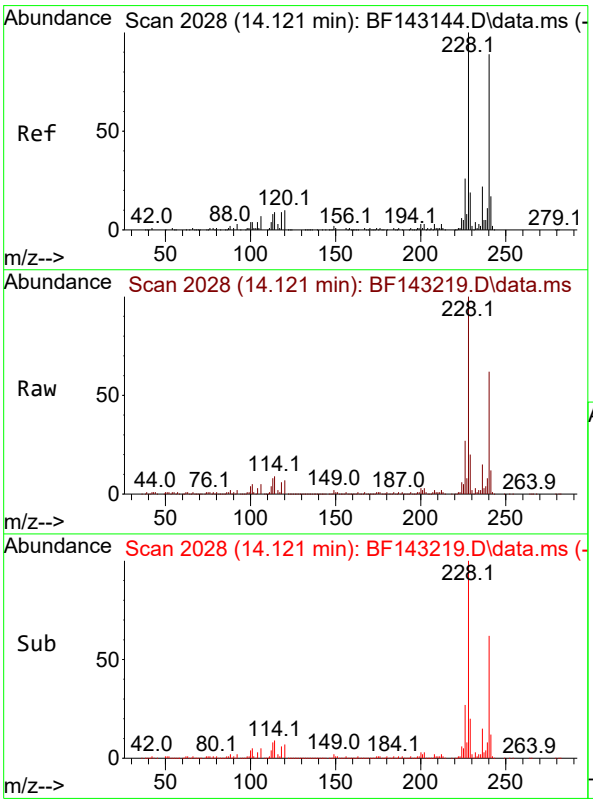
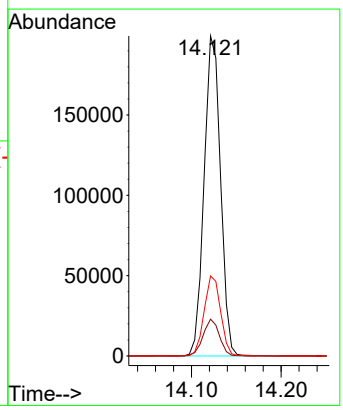
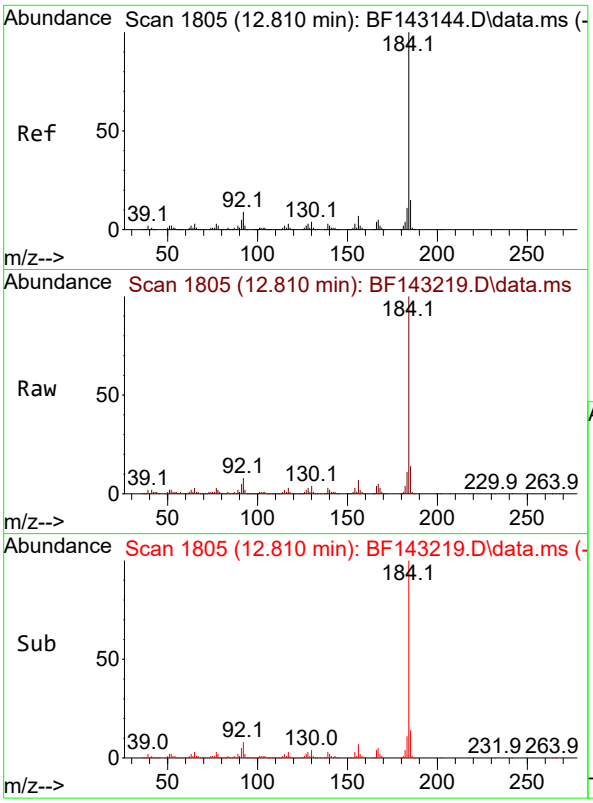


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:240 Resp: 253028

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.4	14.2
236	25.0	20.2	30.4

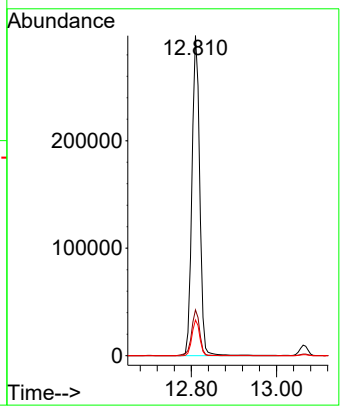




#77
Benzidine
Concen: 38.683 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:184 Resp: 37710

Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.2	18.4
183	11.1	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
WC-3MS

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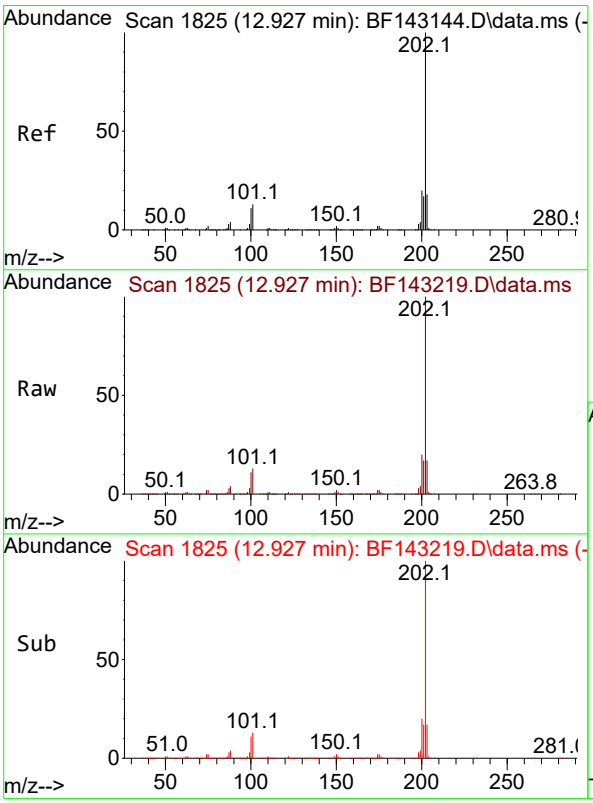
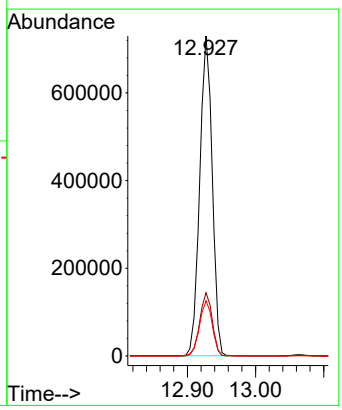
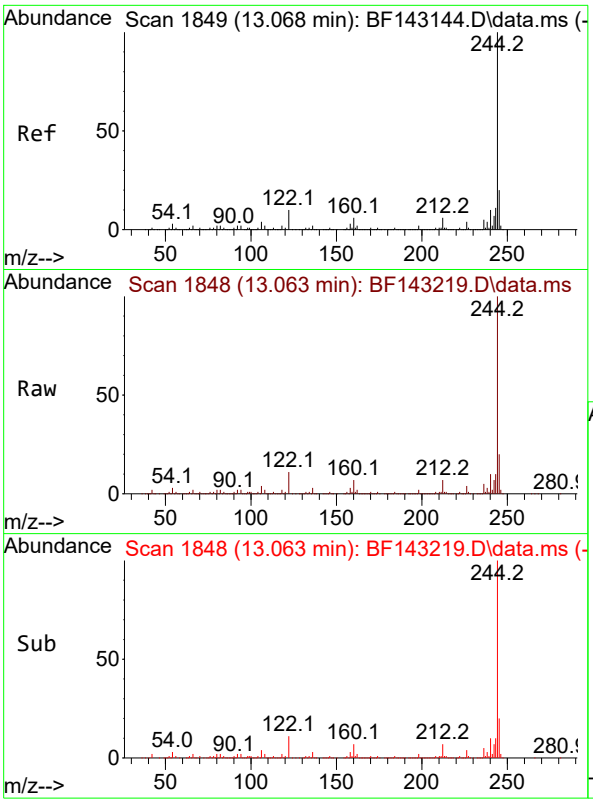


#78
Pyrene
Concen: 43.099 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:202 Resp: 930699

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.7	23.5
203	17.3	14.2	21.2

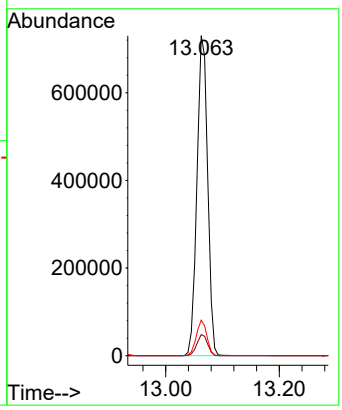




#79
Terphenyl-d14
Concen: 56.376 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:244 Resp: 95858

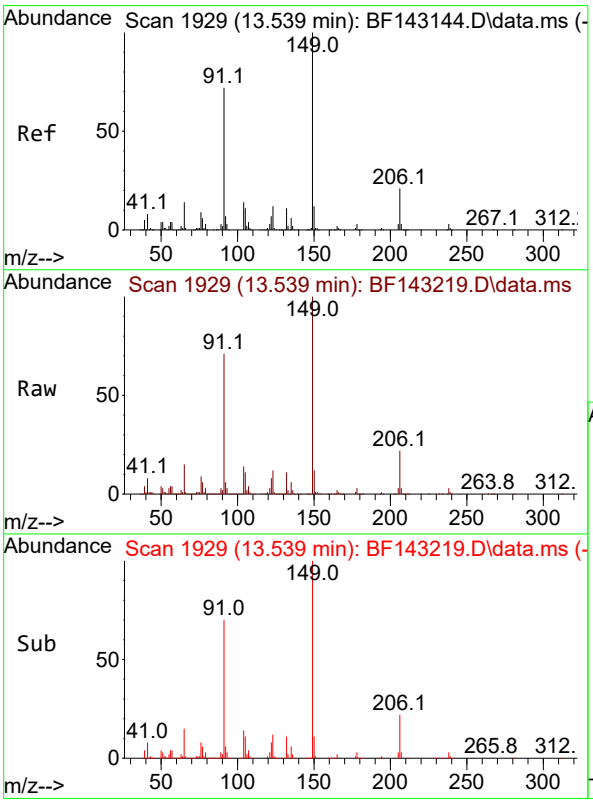
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	11.1	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
WC-3MS

Manual Integrations
APPROVED

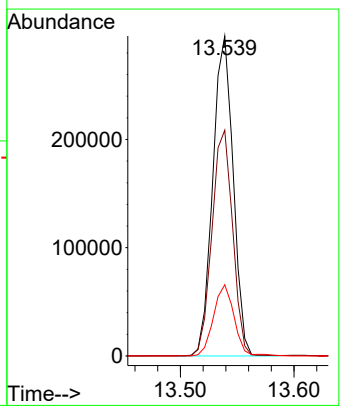
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

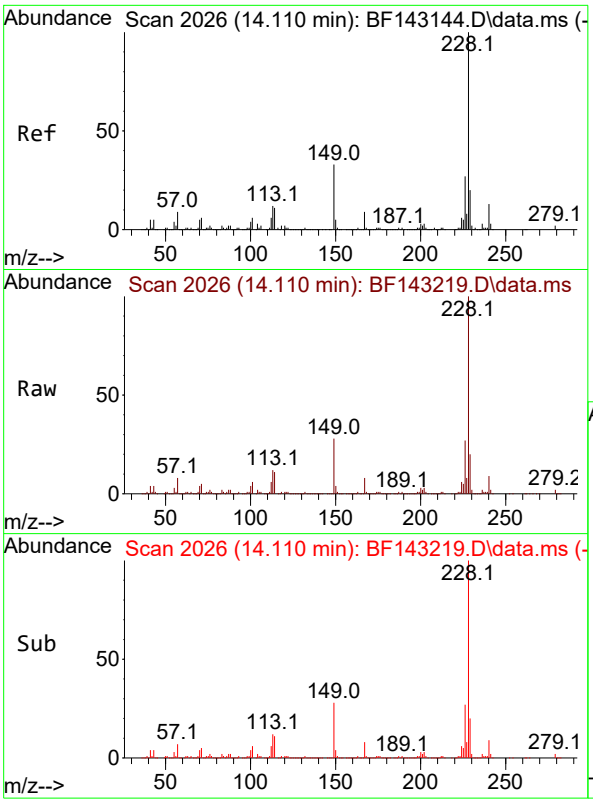


#80
Butylbenzylphthalate
Concen: 55.834 ng
RT: 13.539 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:149 Resp: 369204

Ion	Ratio	Lower	Upper
149	100		
91	70.6	57.9	86.9
206	22.3	17.0	25.4

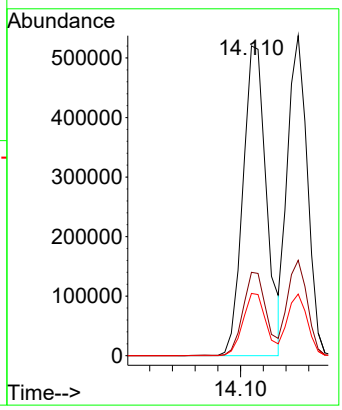




#81
Benzo(a)anthracene
Concen: 44.178 ng
RT: 14.110 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:228 Resp: 74838

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	20.1	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
WC-3MS

Manual Integrations
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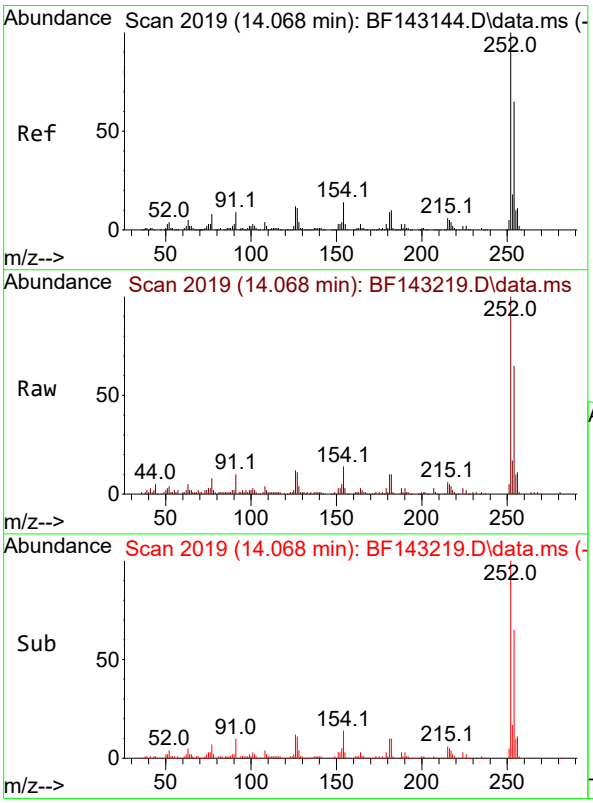
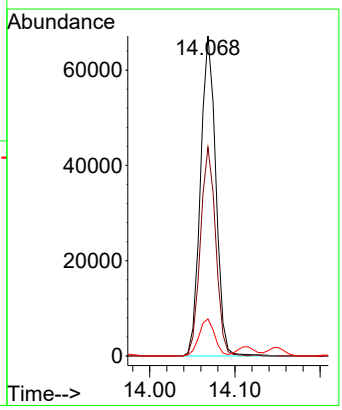
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

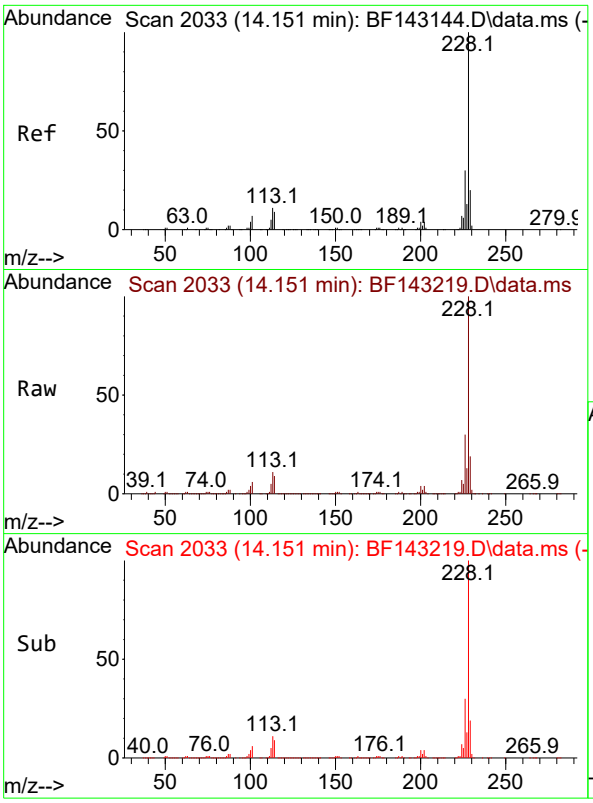


#82
3,3'-Dichlorobenzidine
Concen: 14.865 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:252 Resp: 83929

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.7	77.5
126	11.6	9.4	14.0

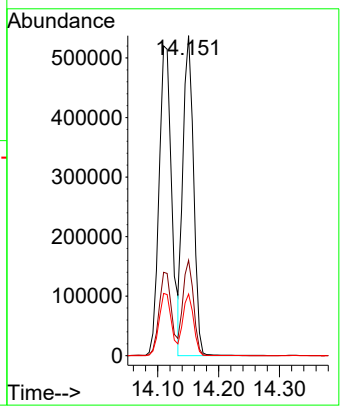




#83
Chrysene
Concen: 42.925 ng
RT: 14.151 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:228 Resp: 65378

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.3	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
WC-3MS

Manual Integrations
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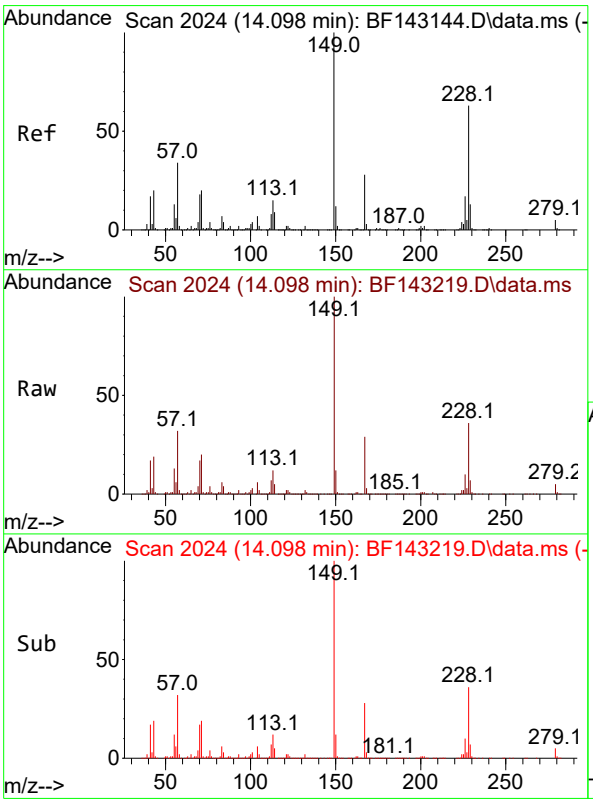
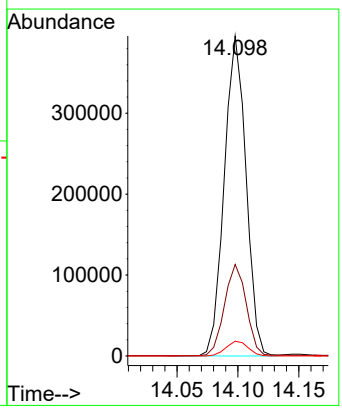
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

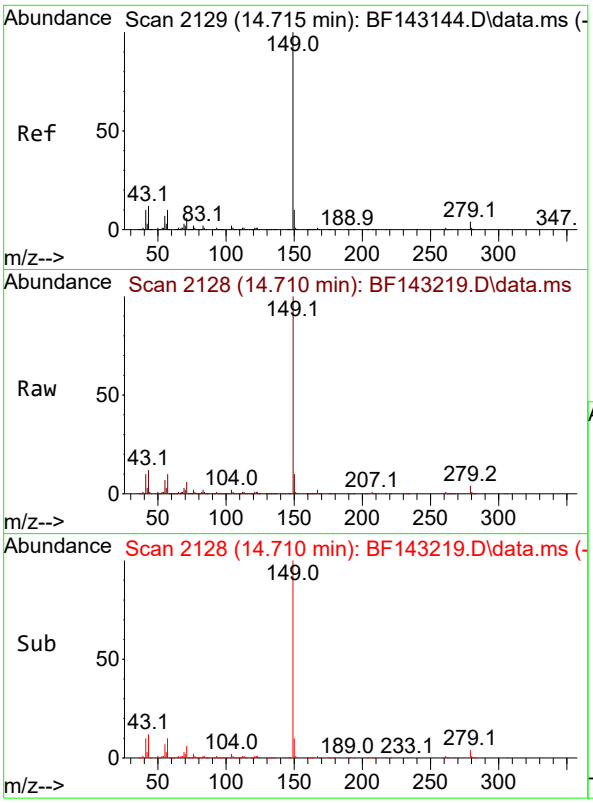


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.212 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:149 Resp: 492547

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.3	33.5
279	4.6	3.6	5.4

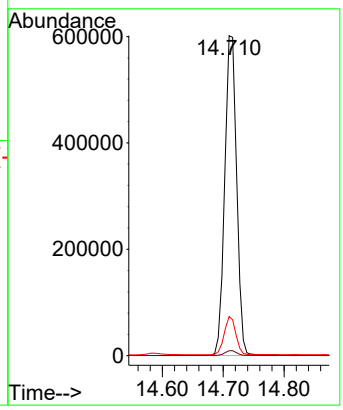




#85
Di-n-octyl phthalate
Concen: 45.122 ng
RT: 14.710 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:149 Resp: 81861

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.6	9.7	14.5



Instrument :
BNA_F
ClientSampleId :
WC-3MS

Manual Integrations
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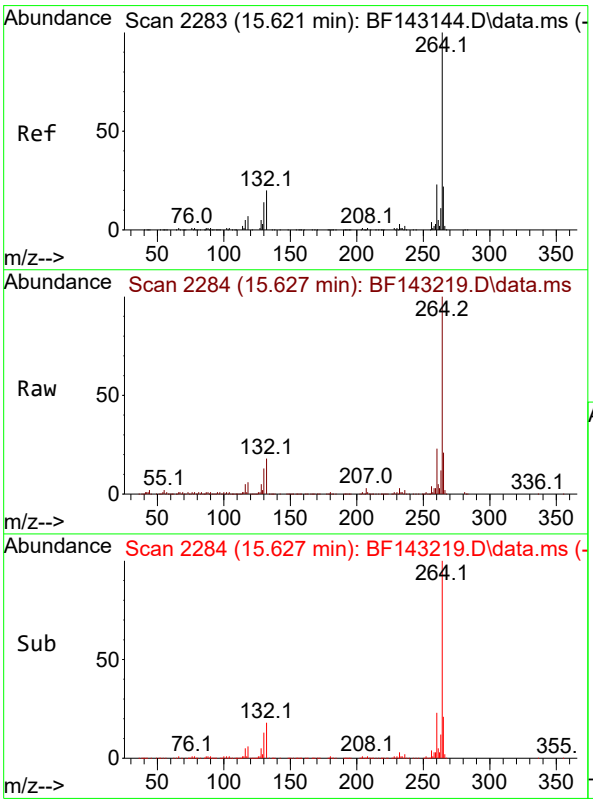
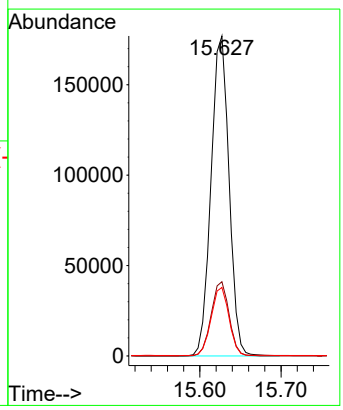
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

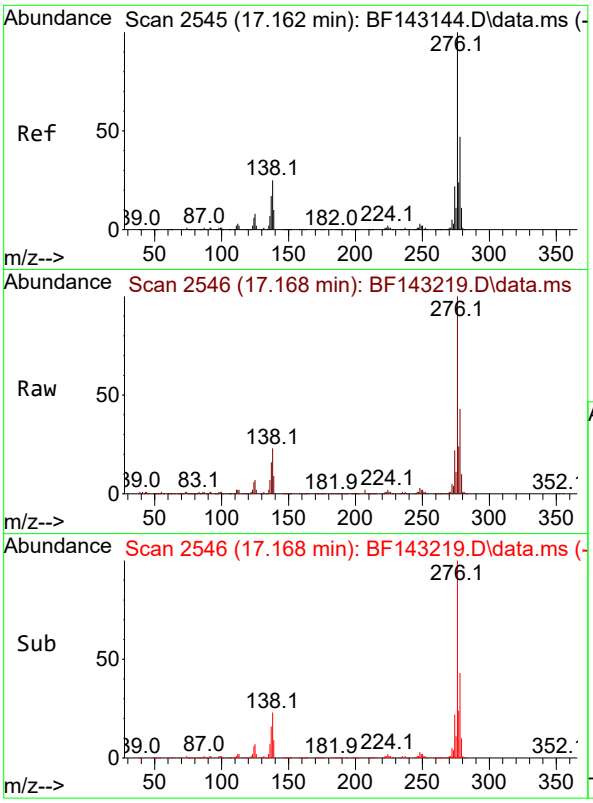


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:264 Resp: 273066

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.4	17.4	26.2

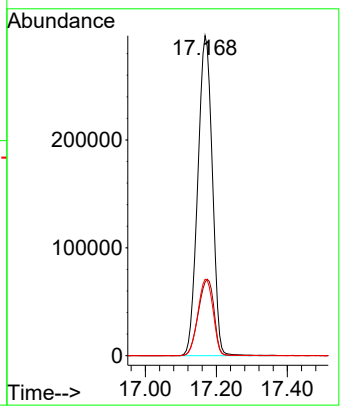




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.988 ng
RT: 17.168 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:276 Resp: 84699

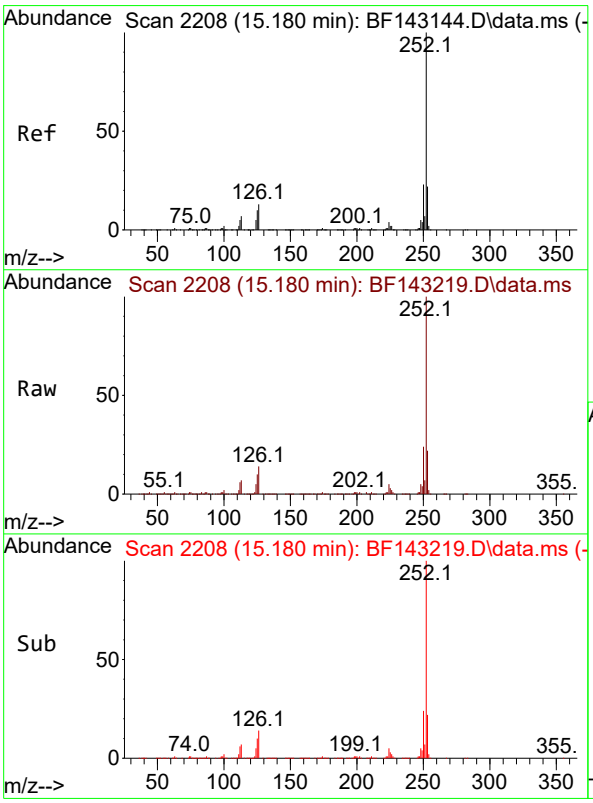
Ion	Ratio	Lower	Upper
276	100		
138	25.8	21.8	32.6
277	25.0	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
WC-3MS

Manual Integrations APPROVED

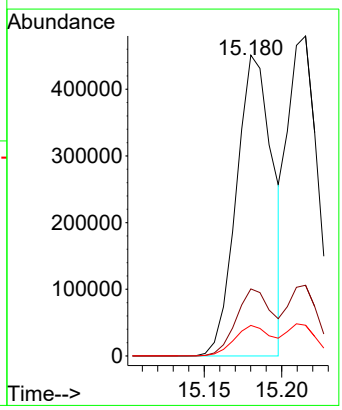
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

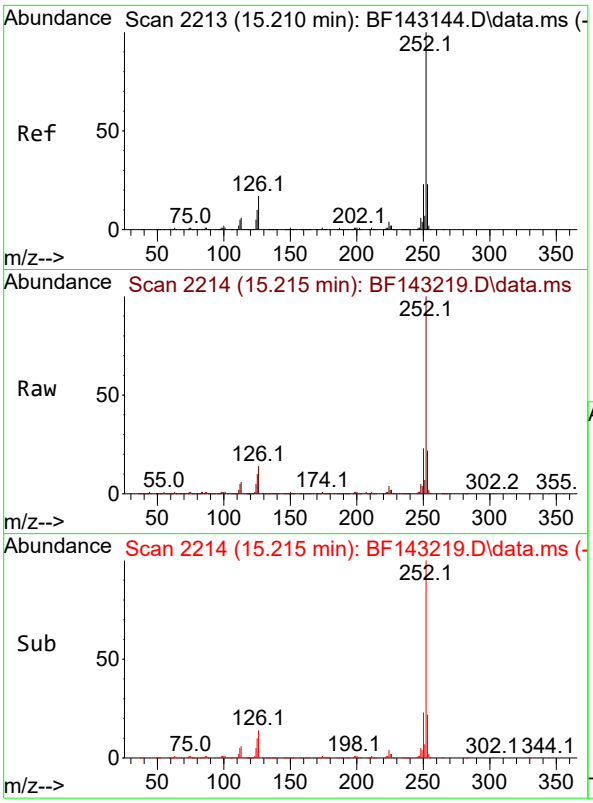


#88
Benzo(b)fluoranthene
Concen: 44.011 ng
RT: 15.180 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:252 Resp: 734192

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	10.1	8.0	12.0

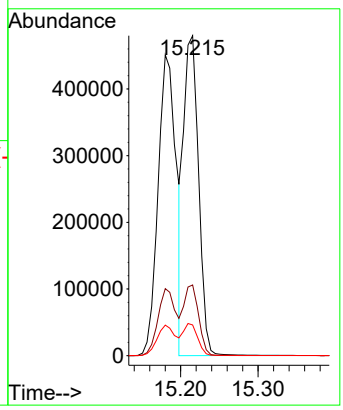




#89
Benzo(k)fluoranthene
Concen: 43.286 ng
RT: 15.215 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:252 Resp: 64436

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	9.6	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
WC-3MS

Manual Integrations
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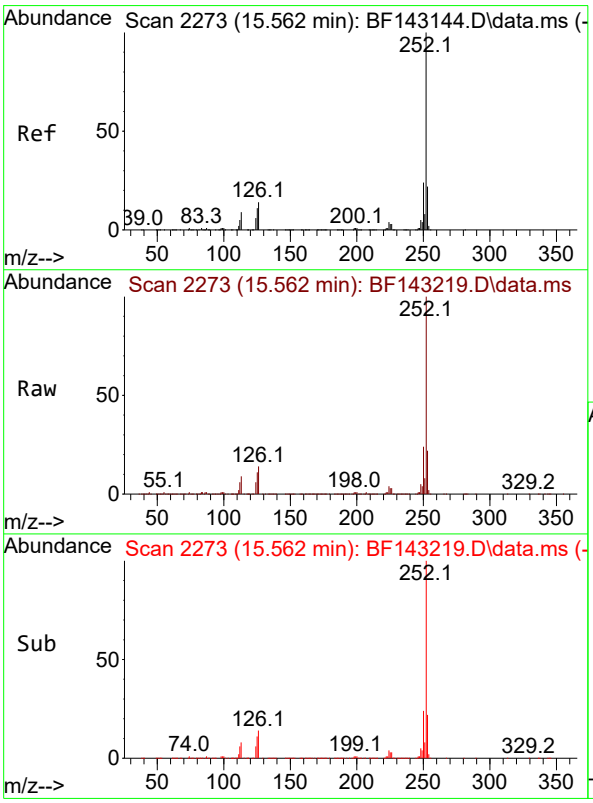
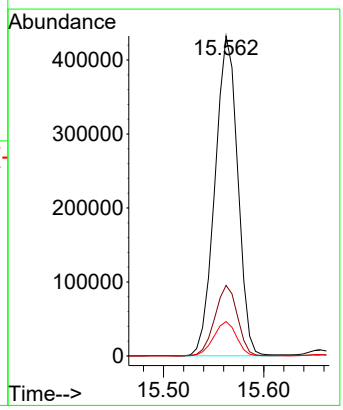
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

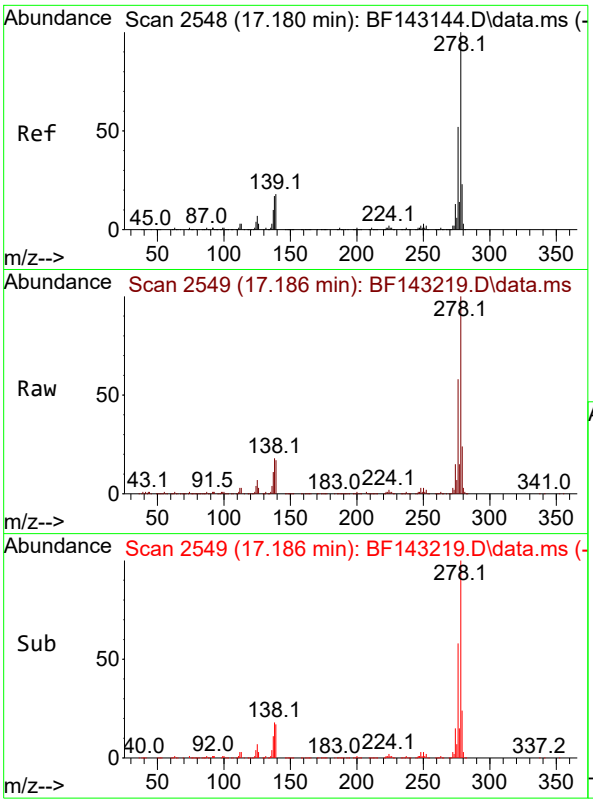


#90
Benzo(a)pyrene
Concen: 44.376 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:252 Resp: 682048

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	10.7	8.6	13.0

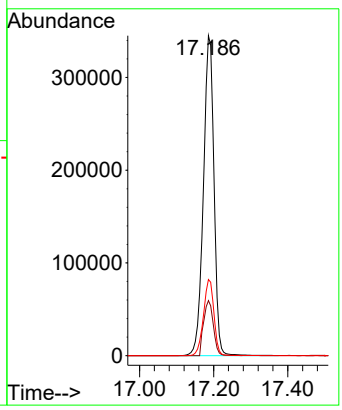




#91
Dibenzo(a,h)anthracene
Concen: 43.764 ng
RT: 17.186 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

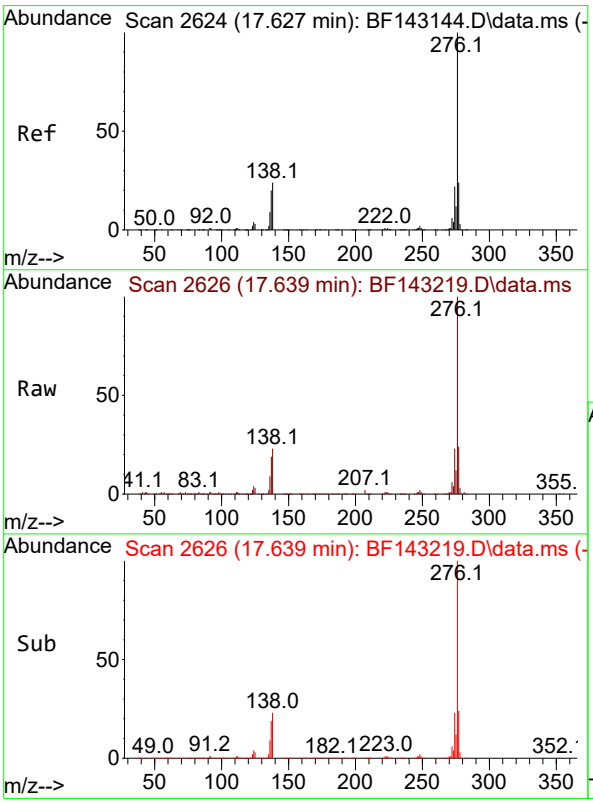
Tgt Ion:278 Resp: 68587

Ion	Ratio	Lower	Upper
278	100		
139	17.2	14.1	21.1
279	23.8	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
WC-3MS

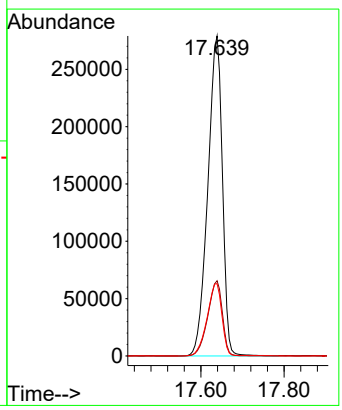
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#92
Benzo(g,h,i)perylene
Concen: 44.809 ng
RT: 17.639 min Scan# 2626
Delta R.T. 0.012 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:276 Resp: 679318

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	22.6	18.9	28.3



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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	07/18/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	07/18/25
Client Sample ID:	WC-3MSD	SDG No.:	Q2645
Lab Sample ID:	Q2649-09MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.9
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143220.D	1	07/22/25 10:05	07/23/25 19:25	PB168948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	810		120	200	240	ug/Kg
108-95-2	Phenol	1100		16.4	96.3	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		18.0	96.3	130	ug/Kg
95-57-8	2-Chlorophenol	1100		18.1	96.3	130	ug/Kg
95-48-7	2-Methylphenol	1100		22.2	96.3	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		27.8	96.3	130	ug/Kg
98-86-2	Acetophenone	1000		21.9	96.3	130	ug/Kg
65794-96-9	3+4-Methylphenols	1100		30.5	200	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1000		35.1	59.3	59.3	ug/Kg
67-72-1	Hexachloroethane	1100		13.0	96.3	130	ug/Kg
98-95-3	Nitrobenzene	1100		13.6	96.3	130	ug/Kg
78-59-1	Isophorone	1100		24.3	96.3	130	ug/Kg
88-75-5	2-Nitrophenol	1200		43.1	96.3	130	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		48.0	96.3	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		22.8	96.3	130	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		21.0	96.3	130	ug/Kg
91-20-3	Naphthalene	1100		16.8	96.3	130	ug/Kg
106-47-8	4-Chloroaniline	190		26.2	96.3	130	ug/Kg
87-68-3	Hexachlorobutadiene	1100		18.7	96.3	130	ug/Kg
105-60-2	Caprolactam	1200		38.6	200	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		21.3	96.3	130	ug/Kg
91-57-6	2-Methylnaphthalene	1100		19.0	96.3	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2100	E	85.9	200	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		14.7	96.3	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		21.6	96.3	130	ug/Kg
92-52-4	1,1-Biphenyl	1100		16.2	96.3	130	ug/Kg
91-58-7	2-Chloronaphthalene	1000		16.7	96.3	130	ug/Kg
88-74-4	2-Nitroaniline	1200		35.6	96.3	130	ug/Kg
131-11-3	Dimethylphthalate	1100		20.1	96.3	130	ug/Kg

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	07/18/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	07/18/25
Client Sample ID:	WC-3MSD	SDG No.:	Q2645
Lab Sample ID:	Q2649-09MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.9
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143220.D	1	07/22/25 10:05	07/23/25 19:25	PB168948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1100		21.4	96.3	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		24.9	96.3	130	ug/Kg
99-09-2	3-Nitroaniline	550		34.1	96.3	130	ug/Kg
83-32-9	Acenaphthene	1200		15.8	96.3	130	ug/Kg
51-28-5	2,4-Dinitrophenol	2800	E	170	200	240	ug/Kg
100-02-7	4-Nitrophenol	2300	E	79.3	200	240	ug/Kg
132-64-9	Dibenzofuran	1100		16.8	96.3	130	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		37.1	96.3	130	ug/Kg
84-66-2	Diethylphthalate	1100		21.0	96.3	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		19.8	96.3	130	ug/Kg
86-73-7	Fluorene	1100		18.7	96.3	130	ug/Kg
100-01-6	4-Nitroaniline	1200		47.6	96.3	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		76.3	200	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		24.4	96.3	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		20.6	96.3	130	ug/Kg
118-74-1	Hexachlorobenzene	1000		18.7	96.3	130	ug/Kg
1912-24-9	Atrazine	1200		25.2	96.3	130	ug/Kg
87-86-5	Pentachlorophenol	1600		38.0	200	240	ug/Kg
85-01-8	Phenanthrene	1000		15.5	96.3	130	ug/Kg
120-12-7	Anthracene	1000		24.7	96.3	130	ug/Kg
86-74-8	Carbazole	1100		23.1	96.3	130	ug/Kg
84-74-2	Di-n-butylphthalate	1200		35.5	96.3	130	ug/Kg
206-44-0	Fluoranthene	1100		22.2	96.3	130	ug/Kg
129-00-0	Pyrene	1100		26.7	96.3	130	ug/Kg
85-68-7	Butylbenzylphthalate	1400		52.9	96.3	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	370		27.2	200	240	ug/Kg
56-55-3	Benzo(a)anthracene	1100		17.0	96.3	130	ug/Kg
218-01-9	Chrysene	1100		14.7	96.3	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		43.9	96.3	130	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		64.3	200	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		14.1	96.3	130	ug/Kg

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	07/18/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	07/18/25
Client Sample ID:	WC-3MSD	SDG No.:	Q2645
Lab Sample ID:	Q2649-09MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.9
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143220.D	1	07/22/25 10:05	07/23/25 19:25	PB168948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1100		16.6	96.3	130	ug/Kg
50-32-8	Benzo(a)pyrene	1100		21.9	96.3	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		21.6	96.3	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		20.3	96.3	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		19.0	96.3	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		19.0	96.3	130	ug/Kg
123-91-1	1,4-Dioxane	910		33.5	96.3	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		20.3	96.3	130	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.8		35 - 115		56%	SPK: 150
13127-88-3	Phenol-d6	92.0		34 - 127		61%	SPK: 150
4165-60-0	Nitrobenzene-d5	63.6		37 - 122		64%	SPK: 100
321-60-8	2-Fluorobiphenyl	54.0		44 - 115		54%	SPK: 100
118-79-6	2,4,6-Tribromophenol	92.4		39 - 132		62%	SPK: 150
1718-51-0	Terphenyl-d14	57.8		54 - 127		58%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	124000	6.963				
1146-65-2	Naphthalene-d8	488000	8.245				
15067-26-2	Acenaphthene-d10	260000	9.998				
1517-22-2	Phenanthrene-d10	438000	11.486				
1719-03-5	Chrysene-d12	254000	14.121				
1520-96-3	Perylene-d12	273000	15.627				

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143220.D
Acq On : 23 Jul 2025 19:25
Operator : RC/JU
Sample : Q2649-09MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 24 01:19:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	123942	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	487638	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	259548	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	437619	20.000	ng		0.00
76) Chrysene-d12	14.121	240	254287	20.000	ng		0.00
86) Perylene-d12	15.627	264	273112	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.604	112	656400	83.808	ng		0.02
7) Phenol-d6	6.592	99	907029	92.007	ng		0.00
23) Nitrobenzene-d5	7.522	82	621749	63.556	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	247670	92.370	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1024568	53.987	ng		0.00
79) Terphenyl-d14	13.063	244	988316	57.837	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.893	88	136960	36.956	ng		99
3) Pyridine	3.646	79	371563	38.627	ng		99
4) n-Nitrosodimethylamine	3.593	42	212830	42.854	ng		99
6) Aniline	6.622	93	353230	25.709	ng		93
8) 2-Chlorophenol	6.751	128	355457	43.297	ng		97
9) Benzaldehyde	6.510	77	243011	32.874	ng		97
10) Phenol	6.604	94	465478	43.342	ng		95
11) bis(2-Chloroethyl)ether	6.692	93	346838	42.179	ng		100
12) 1,3-Dichlorobenzene	6.904	146	382448	42.883	ng		100
13) 1,4-Dichlorobenzene	6.981	146	388505	43.257	ng		99
14) 1,2-Dichlorobenzene	7.134	146	373177	43.686	ng		99
15) Benzyl Alcohol	7.098	79	339159	45.057	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	651683	42.722	ng		98
17) 2-Methylphenol	7.210	107	306449	44.394	ng		99
18) Hexachloroethane	7.481	117	138420	44.519	ng		98
19) n-Nitroso-di-n-propyla...	7.369	70	267541	42.301	ng		98
20) 3+4-Methylphenols	7.363	107	363208	43.368	ng	#	76
22) Acetophenone	7.369	105	487694	42.243	ng	#	97
24) Nitrobenzene	7.539	77	403268	44.216	ng		99
25) Isophorone	7.781	82	744006	43.082	ng		99
26) 2-Nitrophenol	7.857	139	199741	50.461	ng		99
27) 2,4-Dimethylphenol	7.892	122	346051	42.889	ng		99
28) bis(2-Chloroethoxy)met...	7.986	93	446720	43.143	ng		99
29) 2,4-Dichlorophenol	8.098	162	301890	44.367	ng		99
30) 1,2,4-Trichlorobenzene	8.186	180	322037	43.808	ng		99
31) Naphthalene	8.269	128	1042280	43.400	ng		99
32) Benzoic acid	8.004	122	232787	50.871	ng		98
33) 4-Chloroaniline	8.304	127	76450	7.796	ng		99
34) Hexachlorobutadiene	8.386	225	198172	44.130	ng		98
35) Caprolactam	8.675	113	103427m	50.301	ng		
36) 4-Chloro-3-methylphenol	8.792	107	330408	44.675	ng		97
37) 2-Methylnaphthalene	8.957	142	644249	44.085	ng		100
38) 1-Methylnaphthalene	9.057	142	657451	43.688	ng		99
40) 1,2,4,5-Tetrachloroben...	9.128	216	314114	41.919	ng		99
41) Hexachlorocyclopentadiene	9.116	237	422934	86.742	ng		100
43) 2,4,6-Trichlorophenol	9.233	196	219656	42.355	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143220.D
Acq On : 23 Jul 2025 19:25
Operator : RC/JU
Sample : Q2649-09MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 24 01:19:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	234252	45.156	ng		99
46) 1,1'-Biphenyl	9.422	154	867290	42.829	ng		99
47) 2-Chloronaphthalene	9.445	162	632471	42.212	ng		99
48) 2-Nitroaniline	9.533	65	220648	46.959	ng		98
49) Acenaphthylene	9.863	152	1079291	42.983	ng		100
50) Dimethylphthalate	9.716	163	760601	44.958	ng		100
51) 2,6-Dinitrotoluene	9.775	165	167929	48.793	ng		99
52) Acenaphthene	10.033	154	704873	47.495	ng		100
53) 3-Nitroaniline	9.939	138	90150	22.394	ng		99
54) 2,4-Dinitrophenol	10.051	184	178640	111.650	ng	#	1
55) Dibenzofuran	10.204	168	937313	42.539	ng		99
56) 4-Nitrophenol	10.104	139	281333	93.589	ng		98
57) 2,4-Dinitrotoluene	10.180	165	224148	51.912	ng		96
58) Fluorene	10.551	166	710745	42.978	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	181351	42.202	ng		99
60) Diethylphthalate	10.416	149	755779	45.197	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	361466	43.896	ng		99
62) 4-Nitroaniline	10.563	138	164599	47.708	ng		98
63) Azobenzene	10.698	77	843200	48.382	ng		96
65) 4,6-Dinitro-2-methylph...	10.586	198	119890	51.779	ng		98
66) n-Nitrosodiphenylamine	10.657	169	640835	41.586	ng		100
67) 4-Bromophenyl-phenylether	11.027	248	221964	42.561	ng		99
68) Hexachlorobenzene	11.098	284	227510	41.737	ng		98
69) Atrazine	11.180	200	201855	47.514	ng		100
70) Pentachlorophenol	11.292	266	207564	64.749	ng		99
71) Phenanthrene	11.510	178	979358	42.148	ng		99
72) Anthracene	11.563	178	1005804	42.442	ng		99
73) Carbazole	11.710	167	897233	43.359	ng		99
74) Di-n-butylphthalate	12.039	149	1127752	48.165	ng		100
75) Fluoranthene	12.698	202	963087	45.156	ng		99
77) Benzidine	12.810	184	393562	40.172	ng		98
78) Pyrene	12.927	202	949631	43.758	ng		100
80) Butylbenzylphthalate	13.539	149	381019	57.335	ng		98
81) Benzo(a)anthracene	14.110	228	770634	45.266	ng		100
82) 3,3'-Dichlorobenzidine	14.068	252	85433	15.057	ng		99
83) Chrysene	14.151	228	661006	43.184	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	507821	50.487	ng		99
85) Di-n-octyl phthalate	14.710	149	827288	45.375	ng		99
87) Indeno(1,2,3-cd)pyrene	17.168	276	847227	43.993	ng		99
88) Benzo(b)fluoranthene	15.180	252	765048	45.853	ng		100
89) Benzo(k)fluoranthene	15.209	252	649115	43.598	ng		100
90) Benzo(a)pyrene	15.562	252	689200	44.834	ng		99
91) Dibenzo(a,h)anthracene	17.186	278	683787	43.623	ng		98
92) Benzo(g,h,i)perylene	17.633	276	683531	45.080	ng		99

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

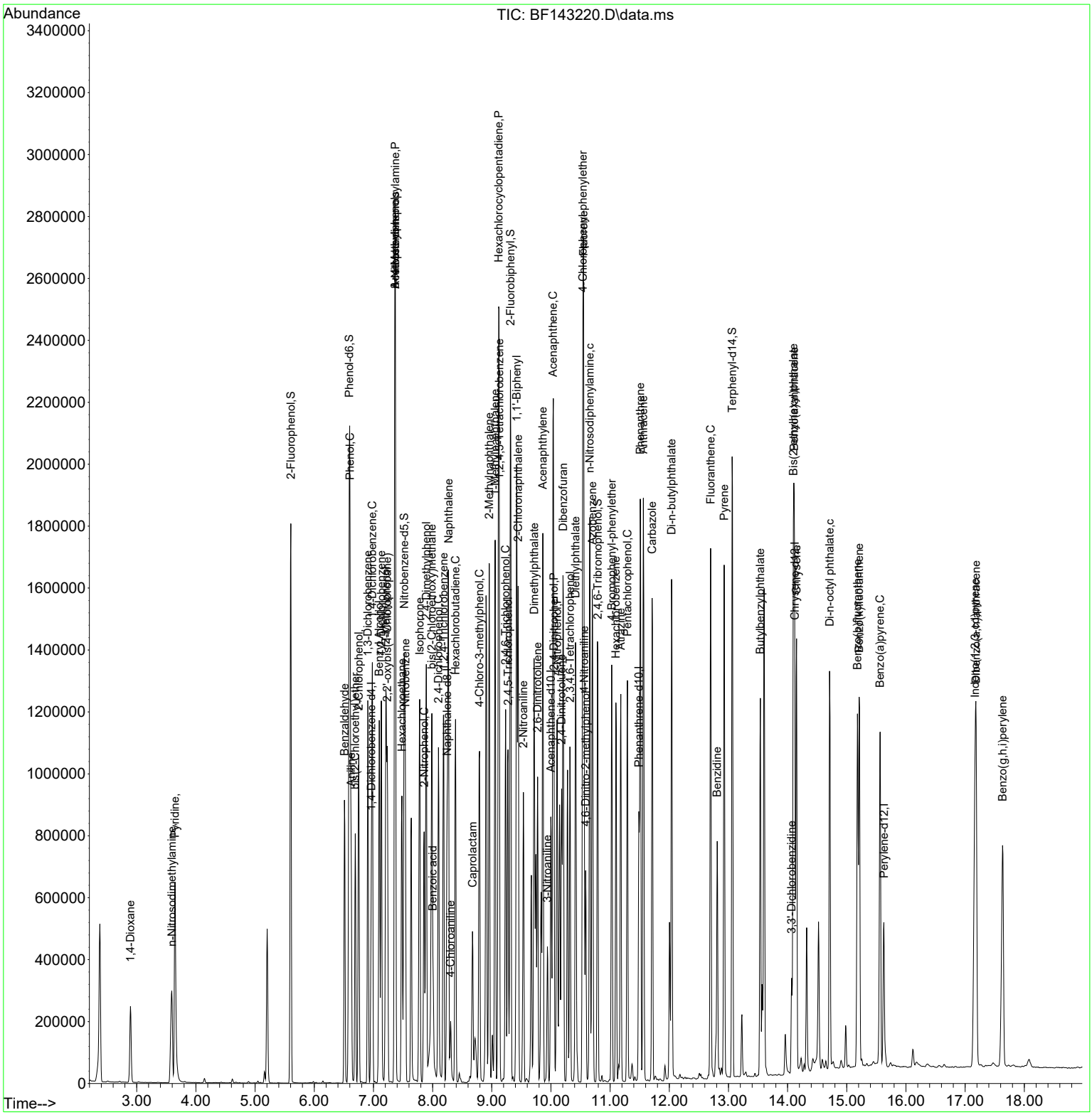
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143220.D
Acq On : 23 Jul 2025 19:25
Operator : RC/JU
Sample : Q2649-09MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

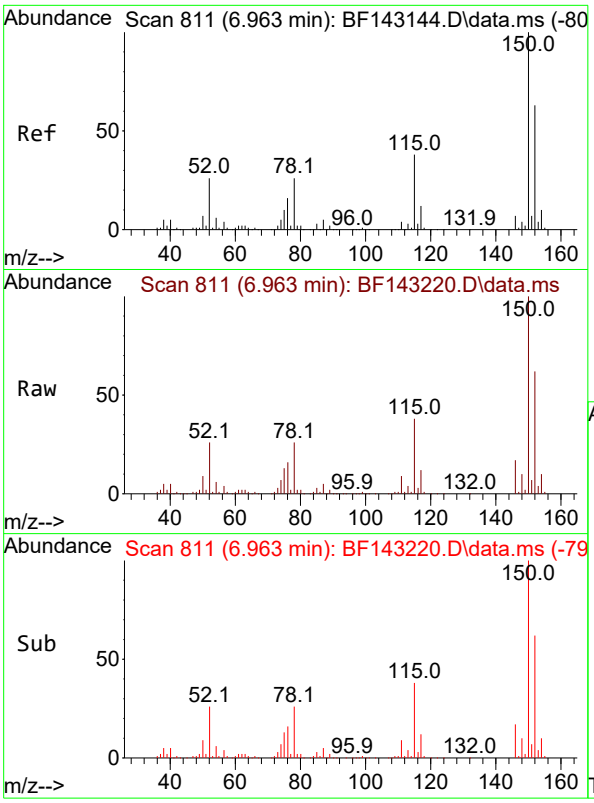
Quant Time: Jul 24 01:19:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

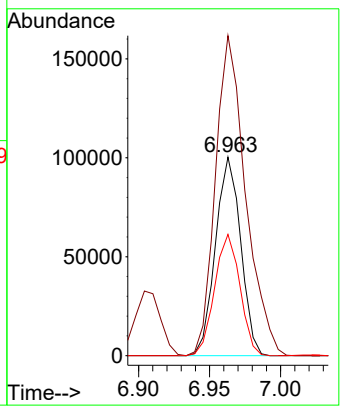




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:152 Resp: 12394

Ion	Ratio	Lower	Upper
152	100		
150	161.1	128.2	192.4
115	61.1	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/24/2025
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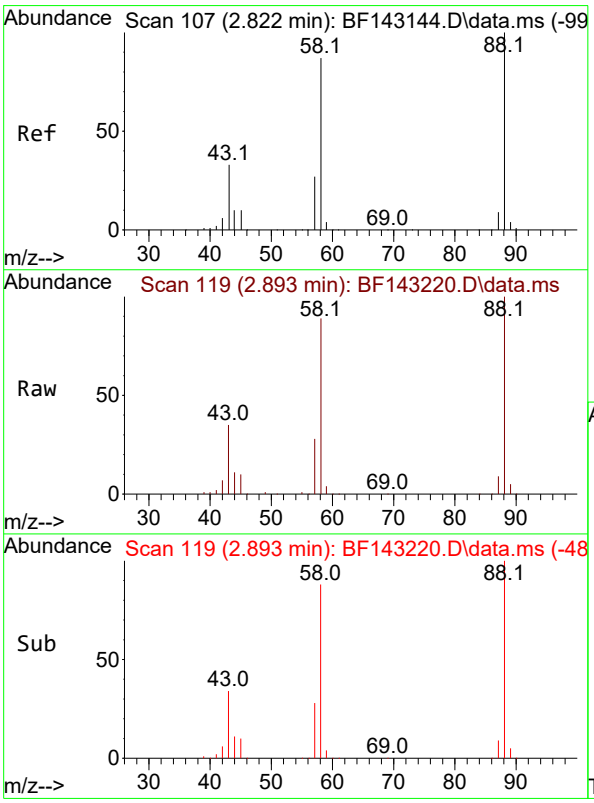
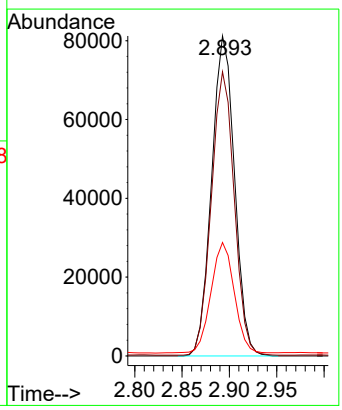
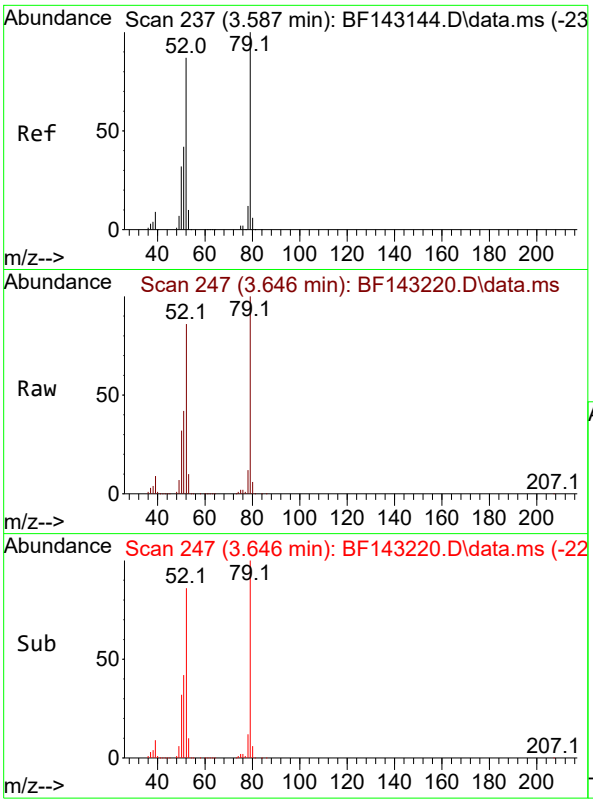


#2
1,4-Dioxane
Concen: 36.956 ng
RT: 2.893 min Scan# 119
Delta R.T. 0.071 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 88 Resp: 136960

Ion	Ratio	Lower	Upper
88	100		
58	88.1	70.2	105.2
43	34.9	27.1	40.7

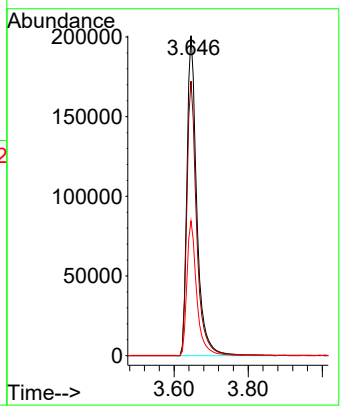




#3
Pyridine
Concen: 38.627 ng
RT: 3.646 min Scan# 24
Delta R.T. 0.059 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 79 Resp: 37156

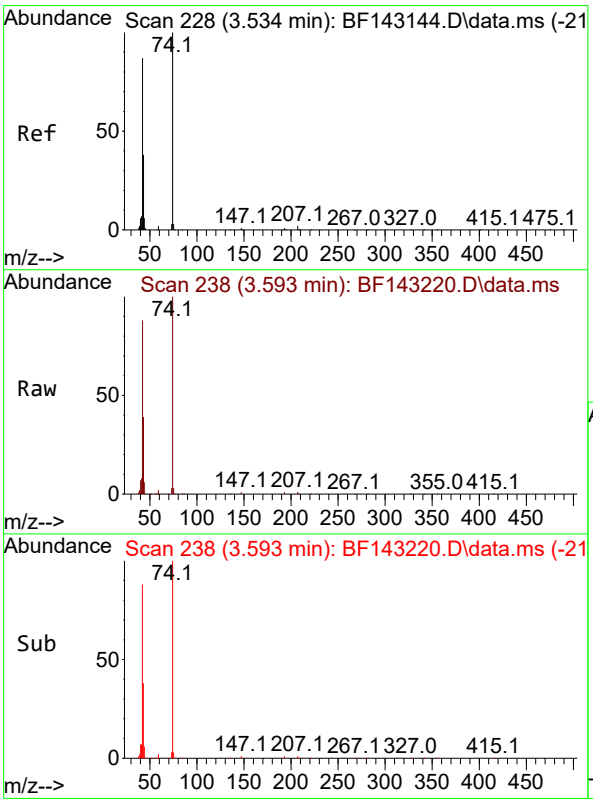
Ion	Ratio	Lower	Upper
79	100		
52	85.8	69.4	104.2
51	42.1	33.5	50.3



Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Manual Integrations
APPROVED

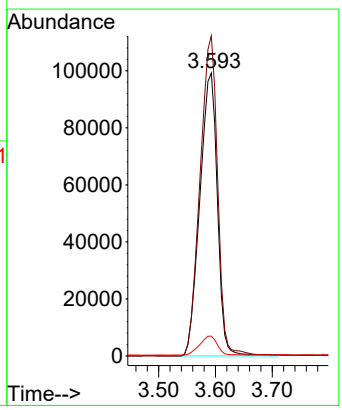
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

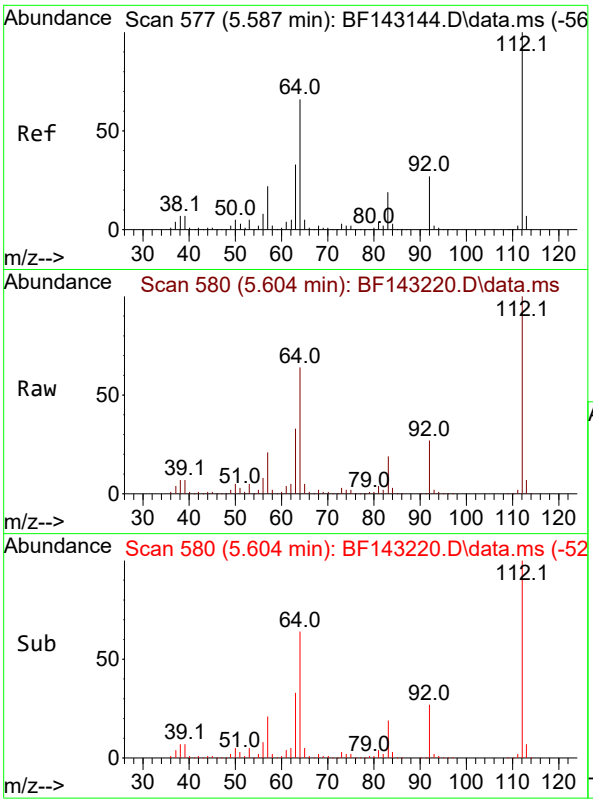


#4
n-Nitrosodimethylamine
Concen: 42.854 ng
RT: 3.593 min Scan# 238
Delta R.T. 0.059 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 42 Resp: 212830

Ion	Ratio	Lower	Upper
42	100		
74	113.1	91.7	137.5
44	7.0	5.6	8.4

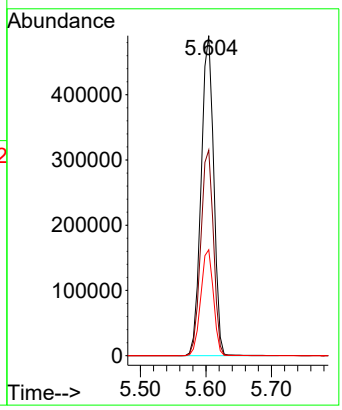




#5
2-Fluorophenol
Concen: 83.808 ng
RT: 5.604 min Scan# 5
Delta R.T. 0.018 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:112 Resp: 65640

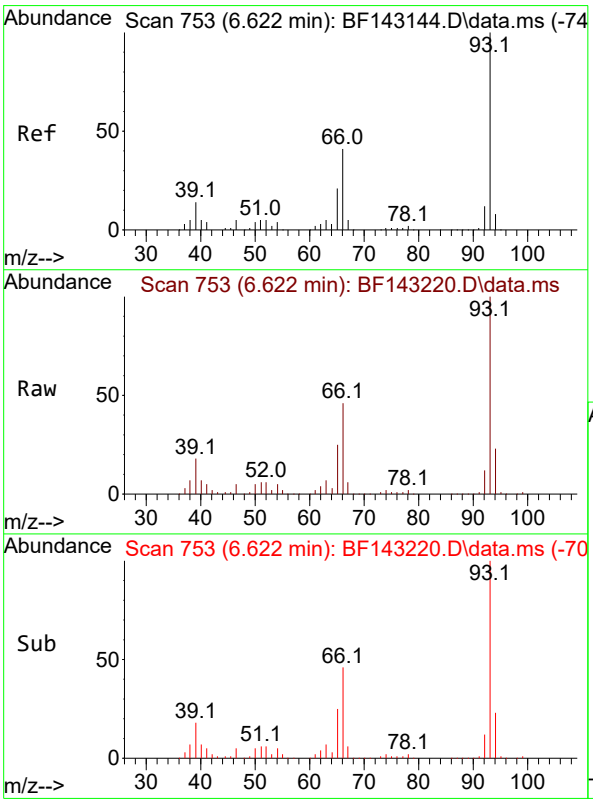
Ion	Ratio	Lower	Upper
112	100		
64	64.3	53.1	79.7
63	33.1	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Manual Integrations
APPROVED

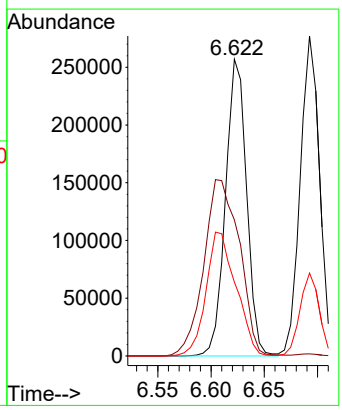
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

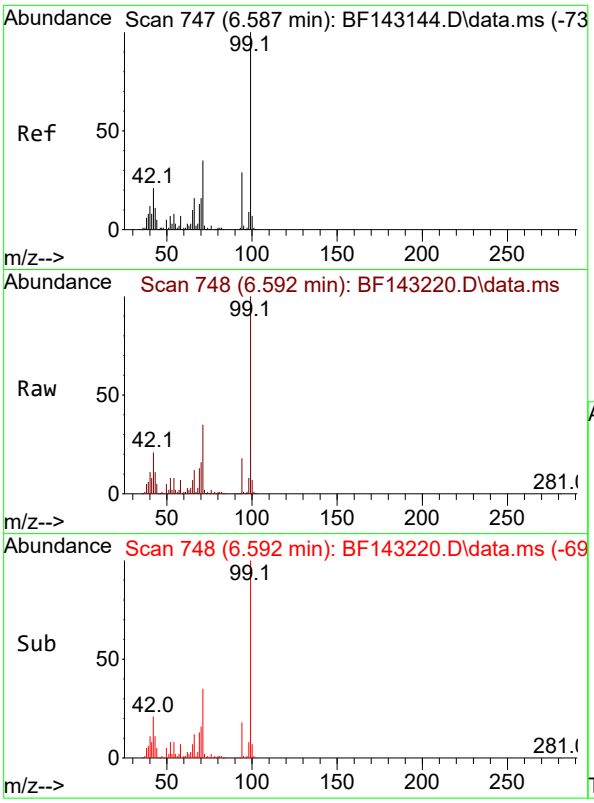


#6
Aniline
Concen: 25.709 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 93 Resp: 353230

Ion	Ratio	Lower	Upper
93	100		
66	45.9	33.2	49.8
65	24.9	16.9	25.3

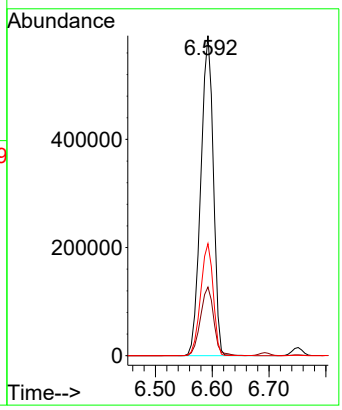




#7
Phenol-d6
Concen: 92.007 ng
RT: 6.592 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 99 Resp: 90702

Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.0	25.6
71	35.0	27.7	41.5



Instrument :
BNA_F
ClientSampleId :
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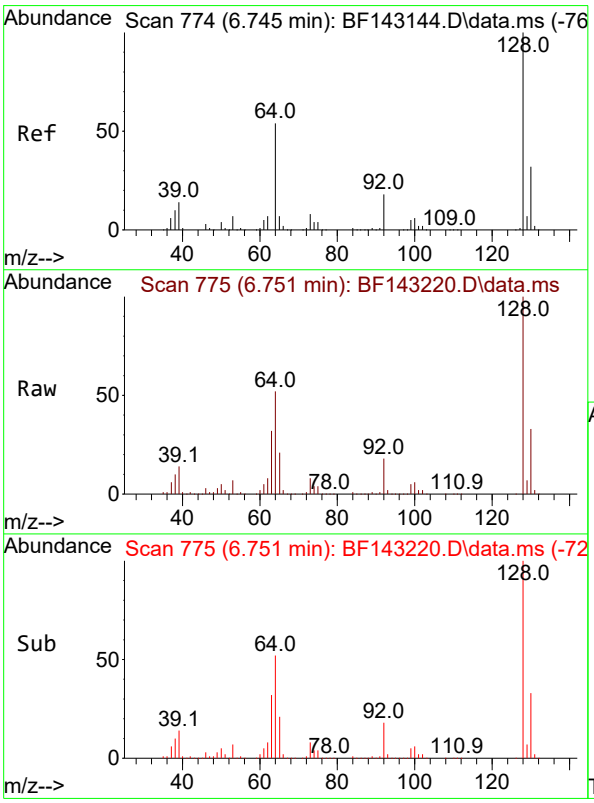
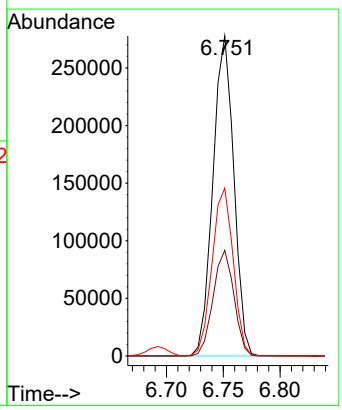
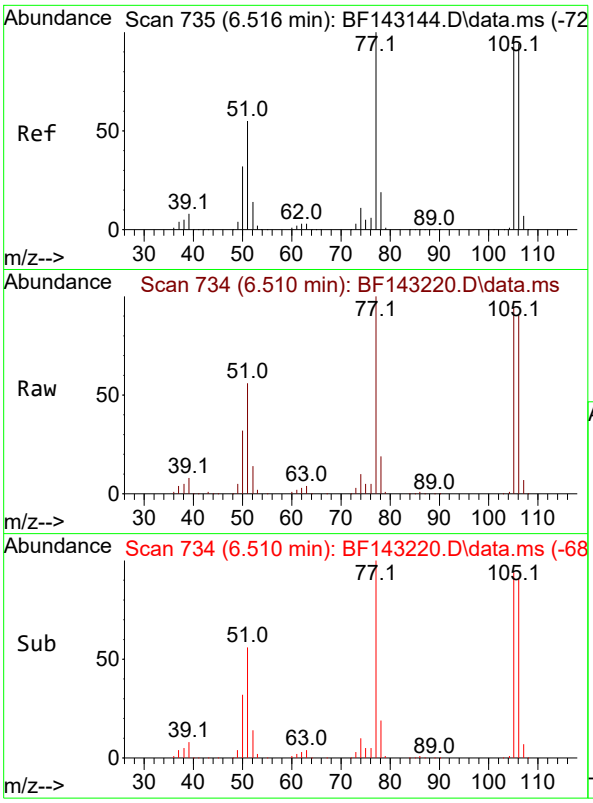


#8
2-Chlorophenol
Concen: 43.297 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:128 Resp: 355457

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.3	52.3
64	52.5	35.9	75.9

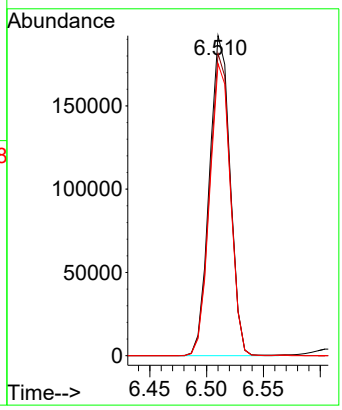




#9
Benzaldehyde
Concen: 32.874 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 77 Resp: 24301

Ion	Ratio	Lower	Upper
77	100		
105	94.4	76.8	116.8
106	91.2	74.4	114.4



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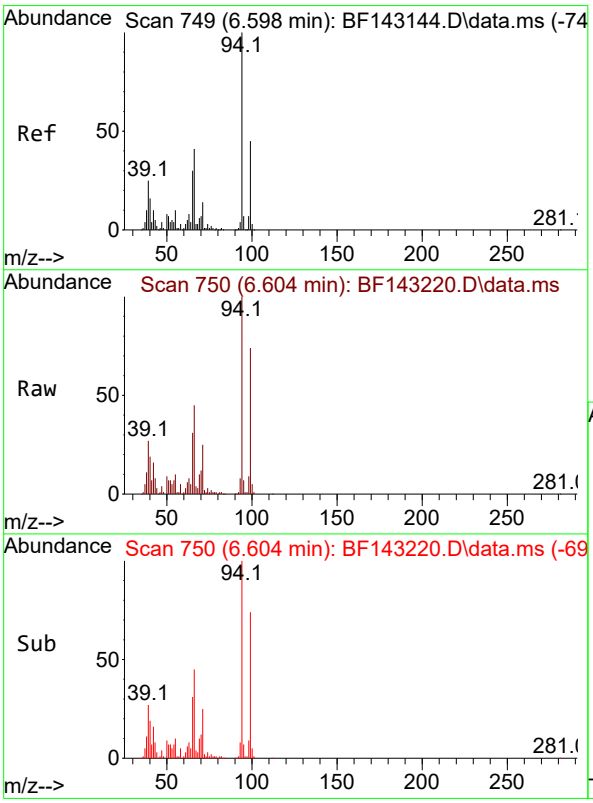
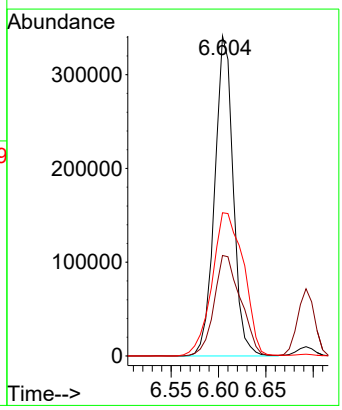
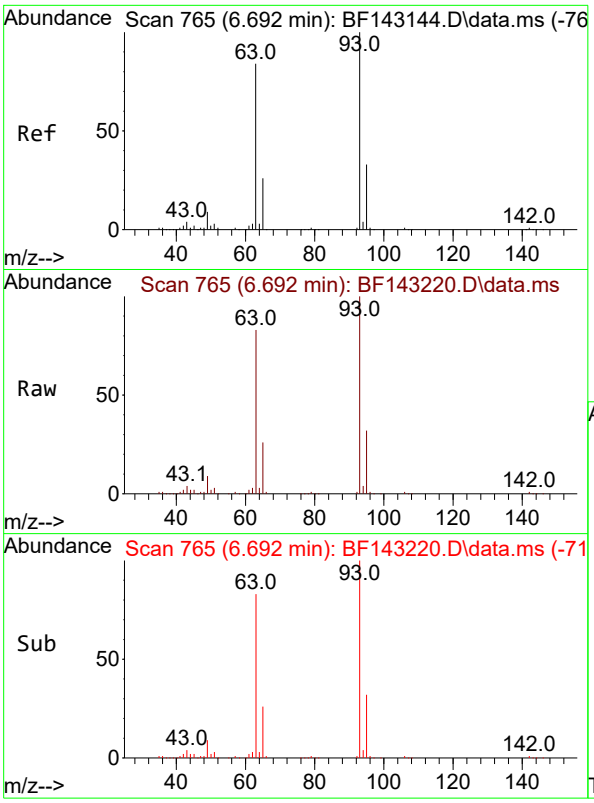


#10
Phenol
Concen: 43.342 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 94 Resp: 465478

Ion	Ratio	Lower	Upper
94	100		
65	31.4	10.0	50.0
66	44.8	20.8	60.8

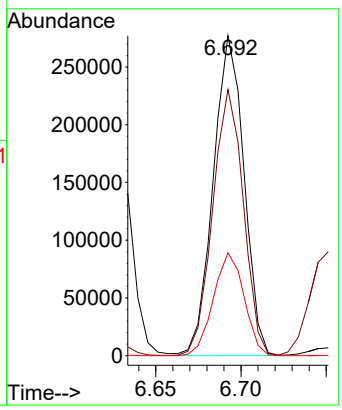




#11
bis(2-Chloroethyl)ether
Concen: 42.179 ng
RT: 6.692 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 93 Resp: 34683

Ion	Ratio	Lower	Upper
93	100		
63	83.2	63.4	103.4
95	32.1	12.4	52.4



Instrument :
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ClientSampleId :
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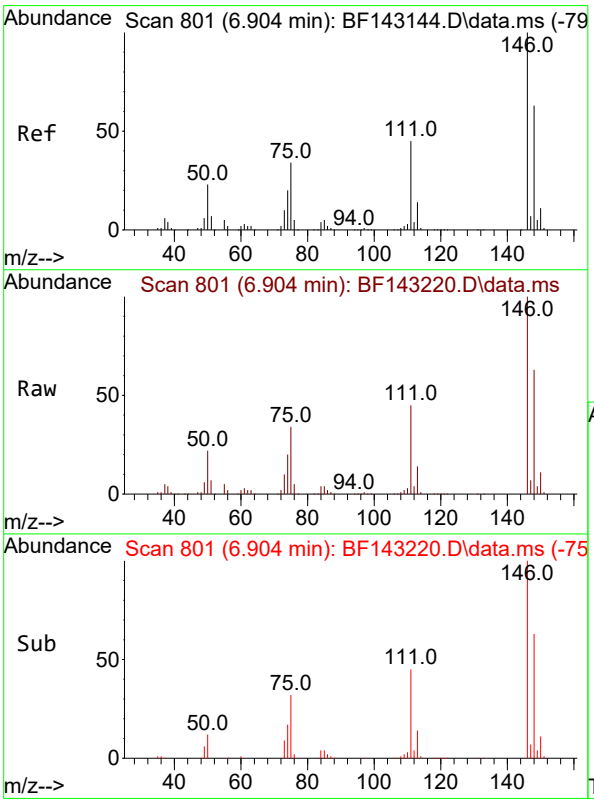
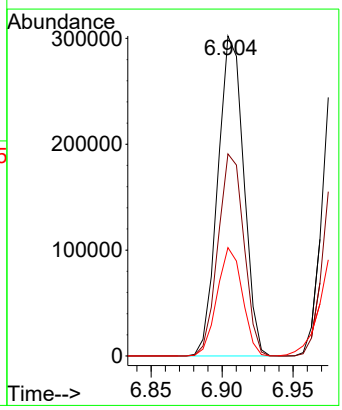
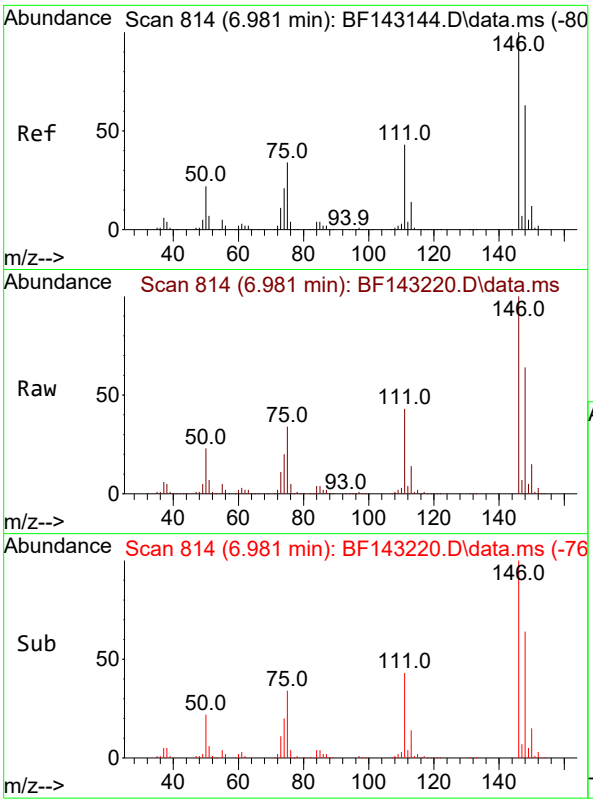


#12
1,3-Dichlorobenzene
Concen: 42.883 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:146 Resp: 382448

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	76.0
75	33.9	27.4	41.2

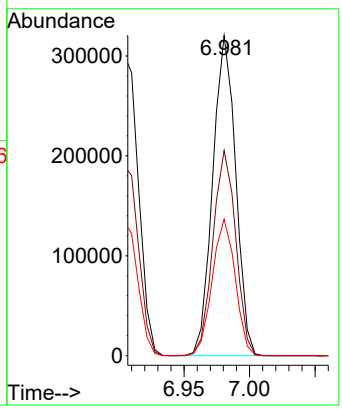




#13
1,4-Dichlorobenzene
Concen: 43.257 ng
RT: 6.981 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:146 Resp: 38850

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.3	75.5
111	42.6	34.4	51.6



Instrument :
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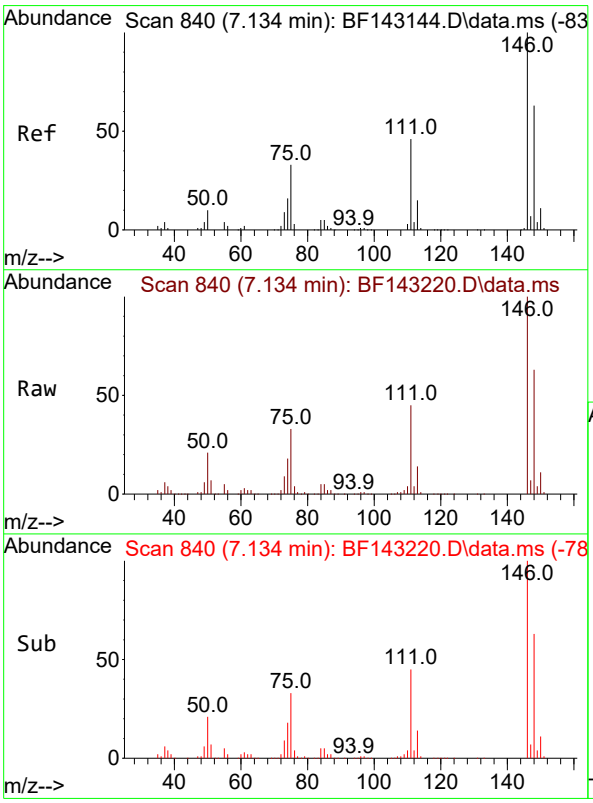
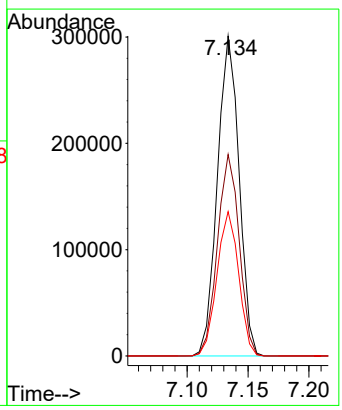
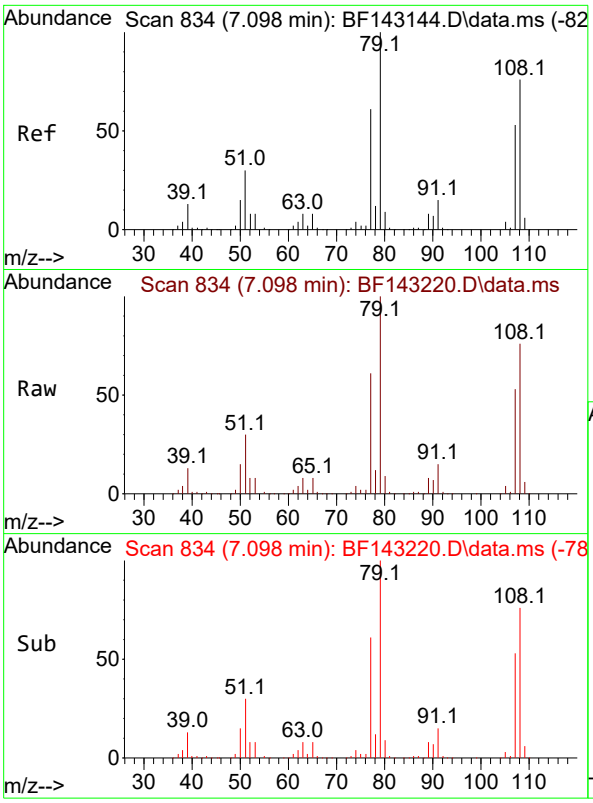


#14
1,2-Dichlorobenzene
Concen: 43.686 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:146 Resp: 373177

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.7	76.1
111	45.1	36.6	54.8





#15
Benzyl Alcohol
Concen: 45.057 ng
RT: 7.098 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 79 Resp: 33915

Ion	Ratio	Lower	Upper
79	100		
108	75.8	61.1	91.7
77	61.1	48.9	73.3

Instrument :
BNA_F
ClientSampleId :
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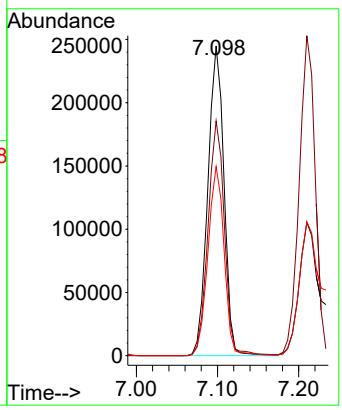
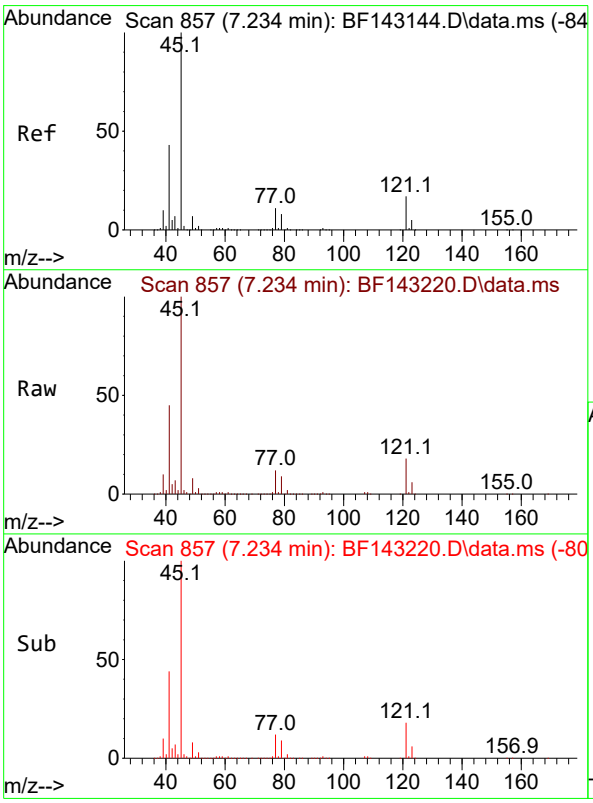
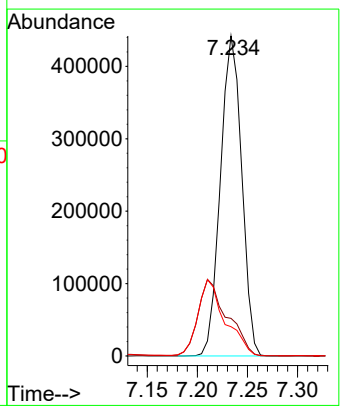


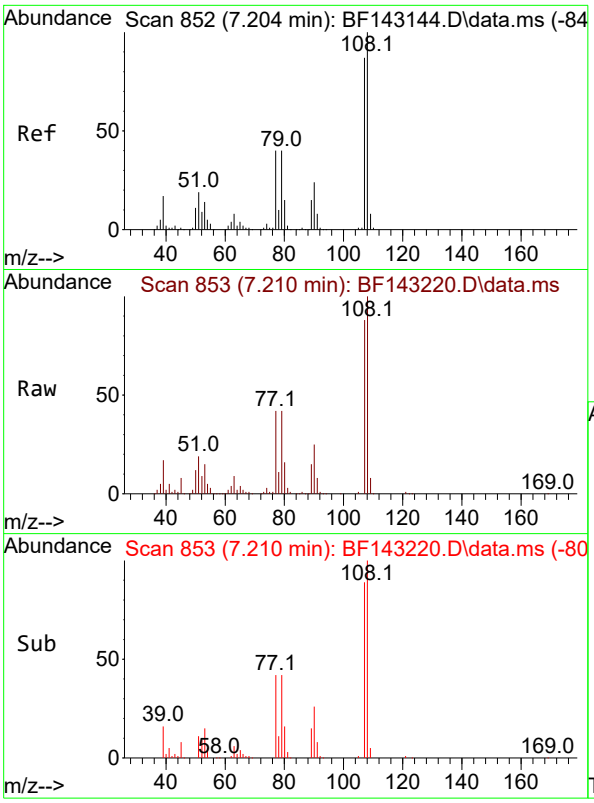


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.722 ng
RT: 7.234 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 45 Resp: 651683

Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	31.2
79	9.1	0.0	28.5

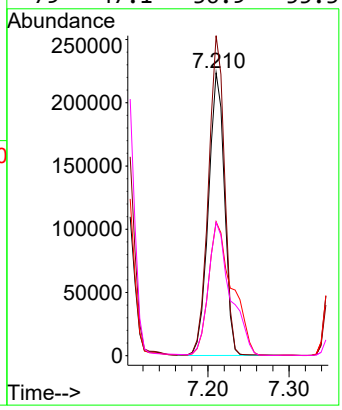




#17
2-Methylphenol
Concen: 44.394 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:107 Resp: 30644

Ion	Ratio	Lower	Upper
107	100		
108	113.1	91.8	137.6
77	47.3	37.0	55.6
79	47.1	36.9	55.3



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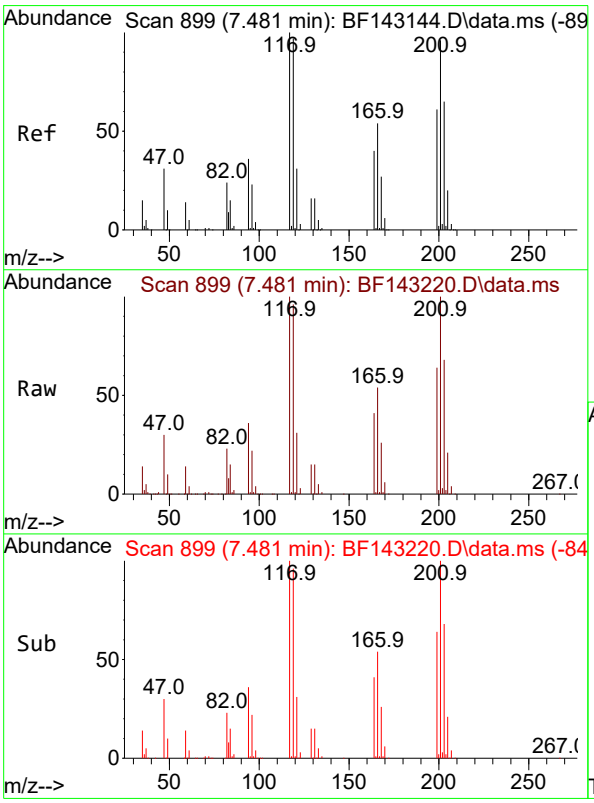
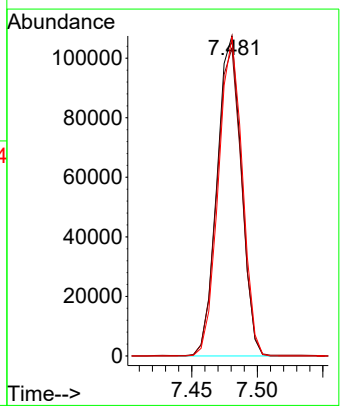
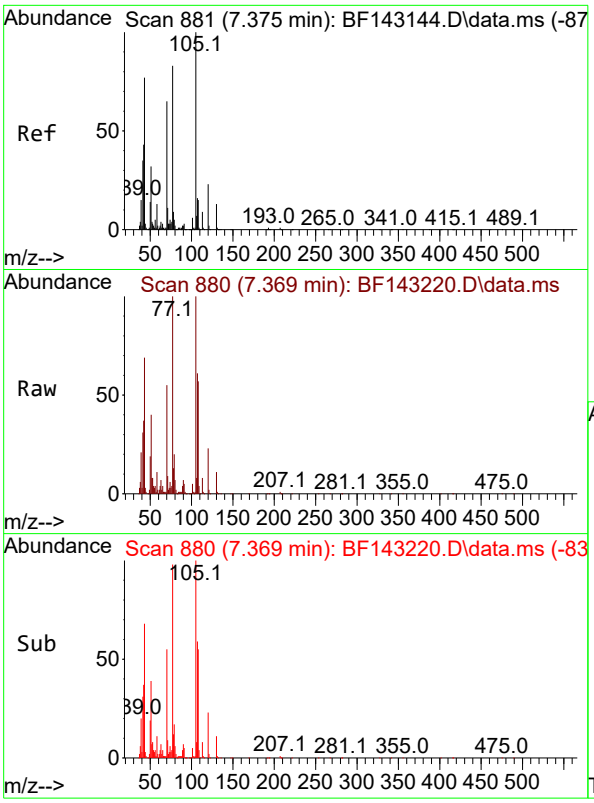


#18
Hexachloroethane
Concen: 44.519 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:117 Resp: 138420

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.8	116.8
201	99.6	77.0	115.4

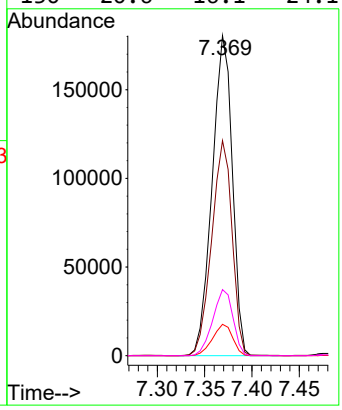




#19
n-Nitroso-di-n-propylamine
Concen: 42.301 ng
RT: 7.369 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 70 Resp: 26754

Ion	Ratio	Lower	Upper
70	100		
42	67.2	52.5	78.7
101	9.8	7.6	11.4
130	20.6	16.1	24.1



Instrument :
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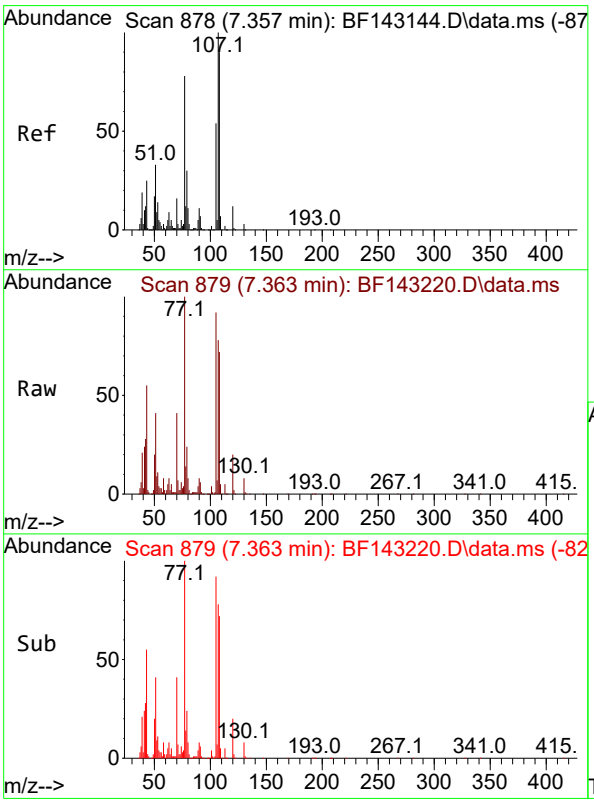
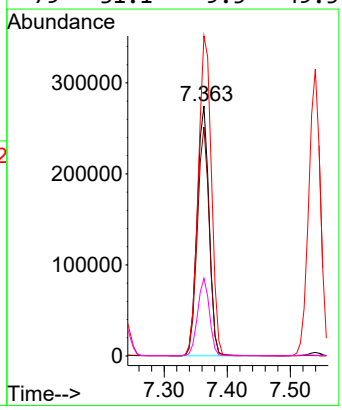
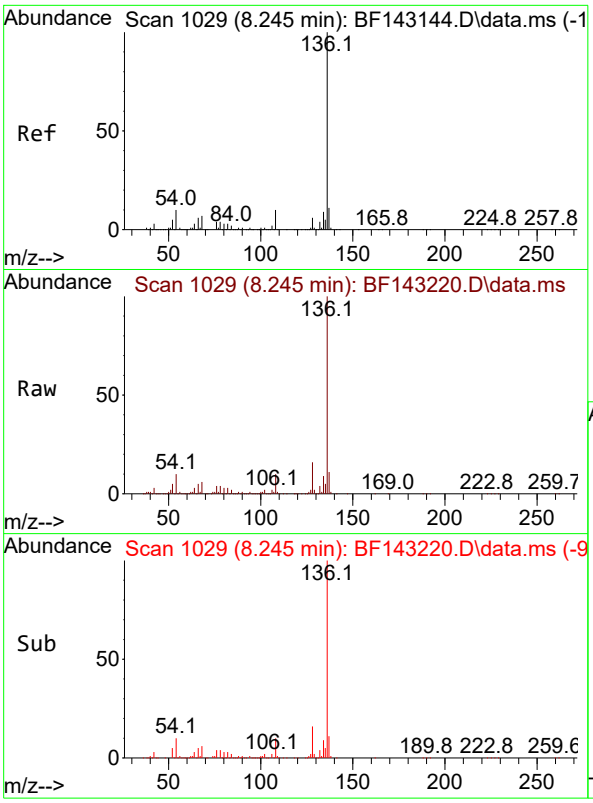


#20
3+4-Methylphenols
Concen: 43.368 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:107 Resp: 363208

Ion	Ratio	Lower	Upper
107	100		
108	91.6	70.0	110.0
77	128.0	57.8	97.8#
79	31.1	9.5	49.5

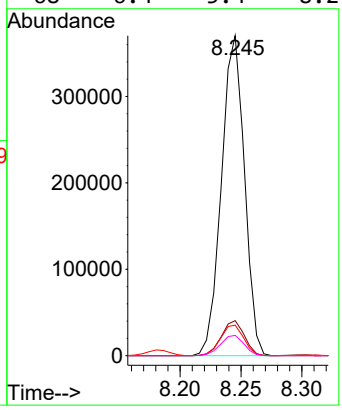




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:136 Resp: 48763

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.5	8.2	12.2
68	6.4	5.4	8.2



Instrument :
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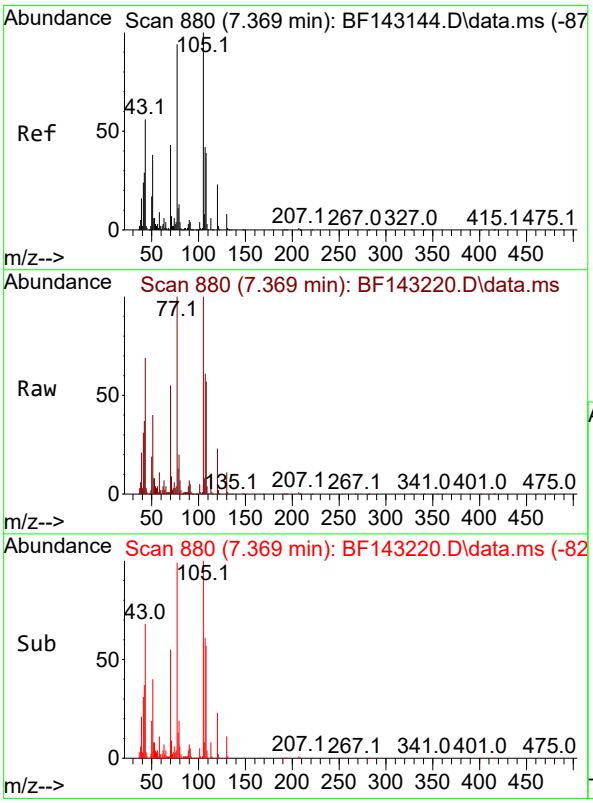
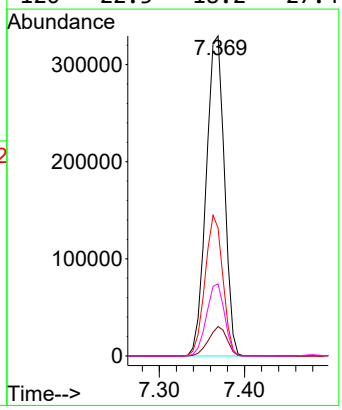
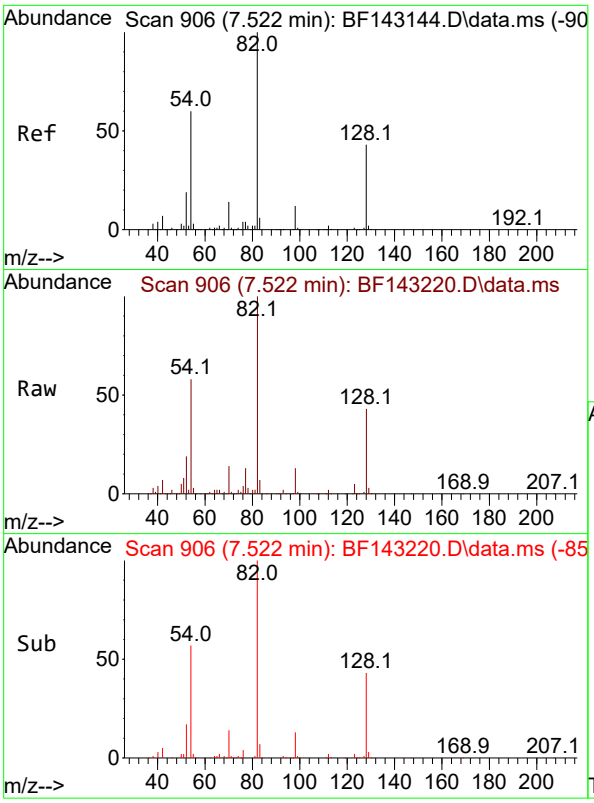


#22
Acetophenone
Concen: 42.243 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:105 Resp: 487694

Ion	Ratio	Lower	Upper
105	100		
71	9.2	5.8	8.6#
51	40.0	30.2	45.2
120	22.5	18.2	27.4

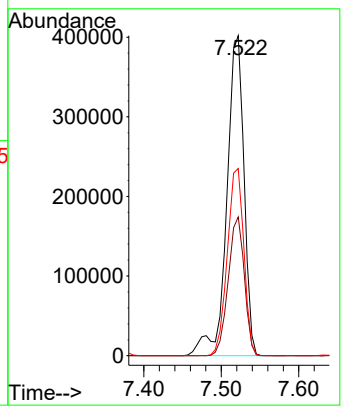




#23
Nitrobenzene-d5
Concen: 63.556 ng
RT: 7.522 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 82 Resp: 62174

Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.6	50.4
54	58.5	47.1	70.7



Instrument :
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ClientSampleId :
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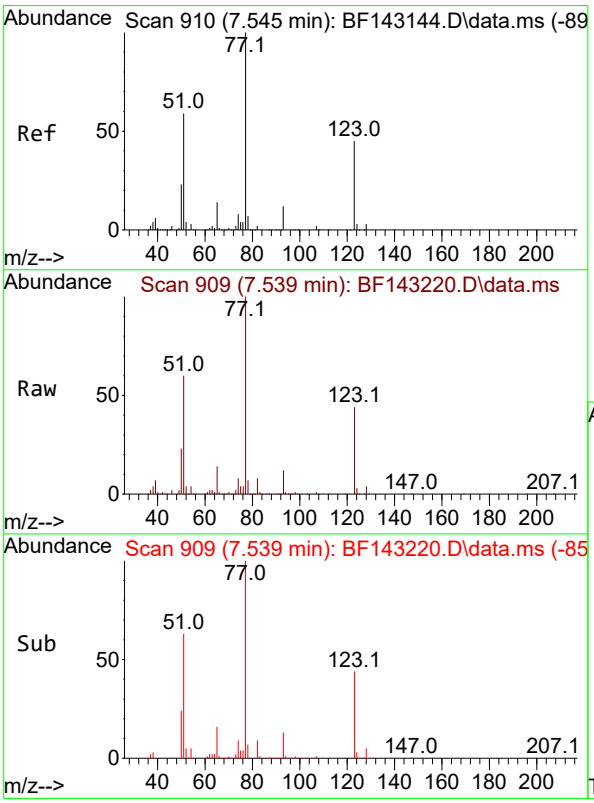
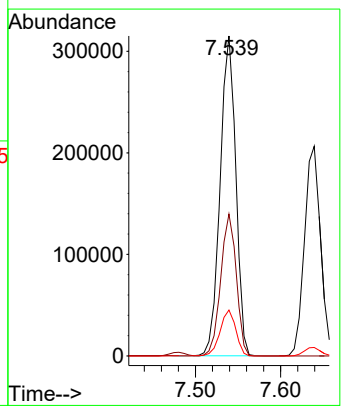
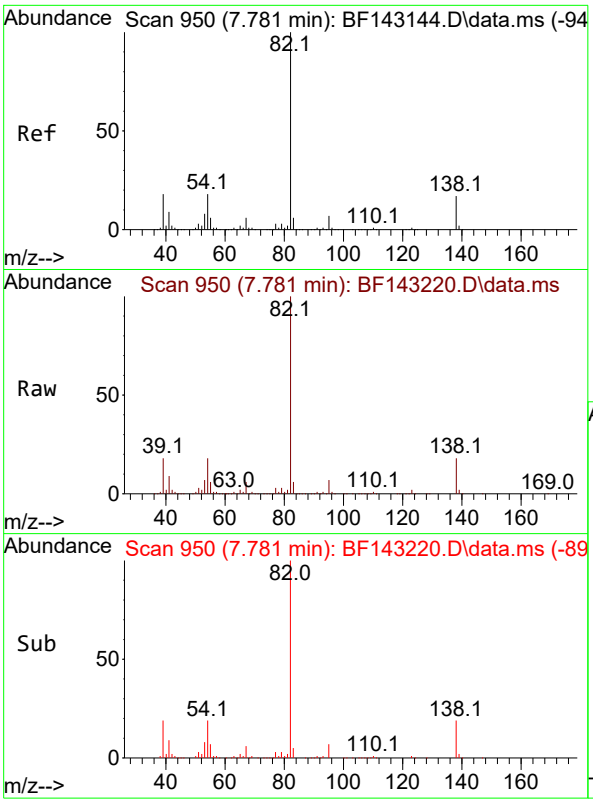


#24
Nitrobenzene
Concen: 44.216 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 77 Resp: 403268

Ion	Ratio	Lower	Upper
77	100		
123	44.3	36.1	54.1
65	14.4	11.4	17.2

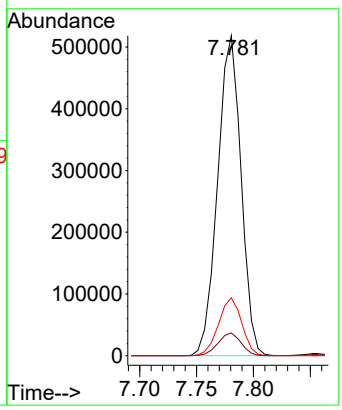




#25
Isophorone
Concen: 43.082 ng
RT: 7.781 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 82 Resp: 74400

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.5	8.3
138	18.1	13.8	20.8



Instrument :
BNA_F
ClientSampleId :
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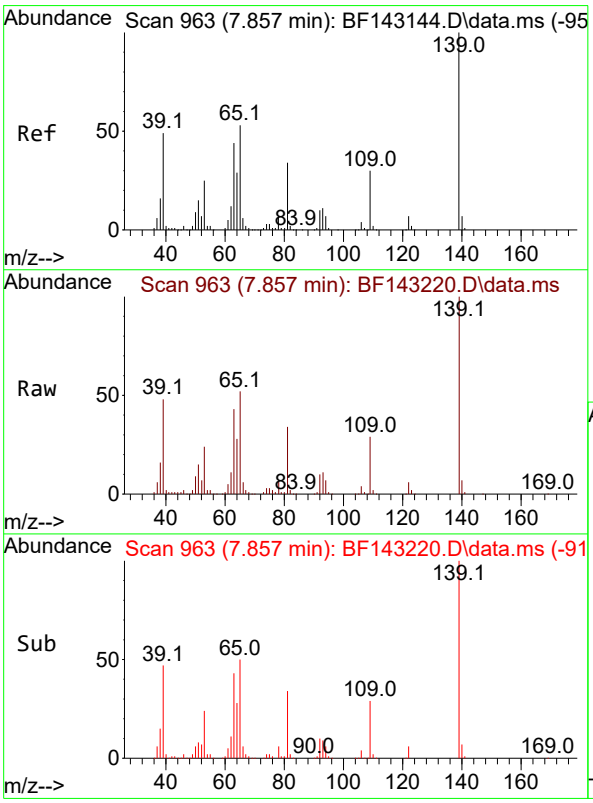
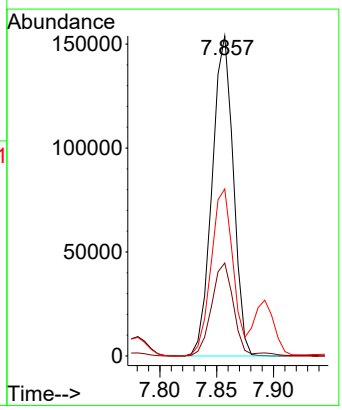
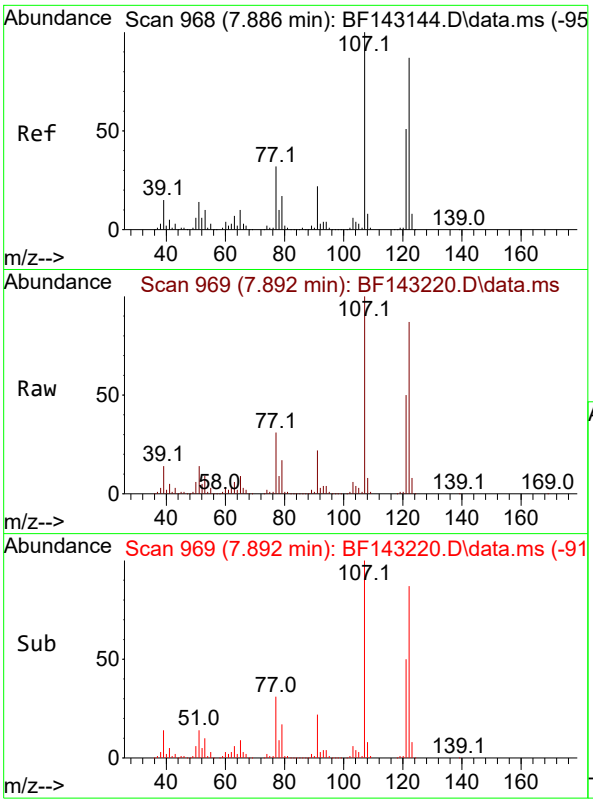


#26
2-Nitrophenol
Concen: 50.461 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:139 Resp: 199741

Ion	Ratio	Lower	Upper
139	100		
109	29.0	23.6	35.4
65	52.2	42.6	64.0

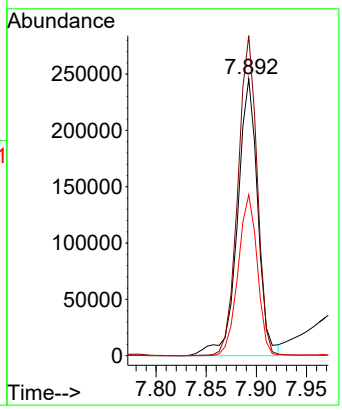




#27
2,4-Dimethylphenol
Concen: 42.889 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:122 Resp: 34605

Ion	Ratio	Lower	Upper
122	100		
107	115.5	91.8	137.6
121	58.1	46.3	69.5



Instrument :
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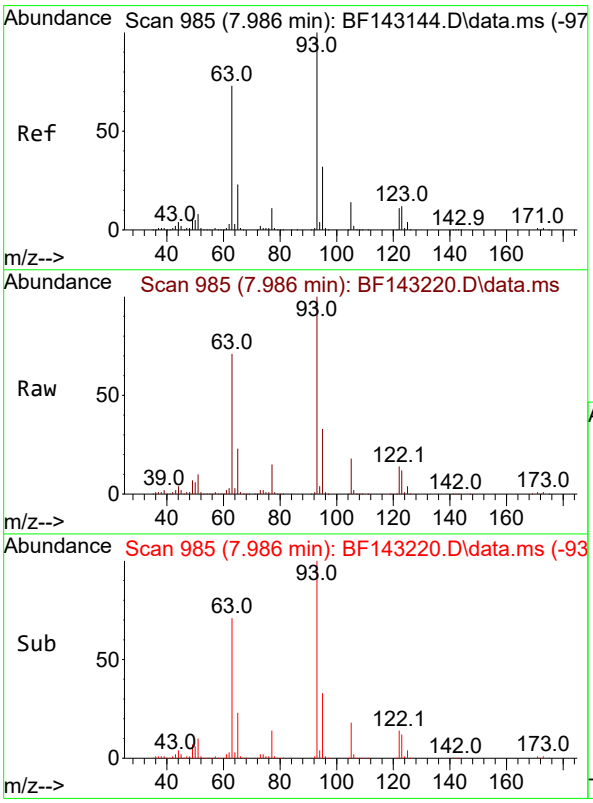
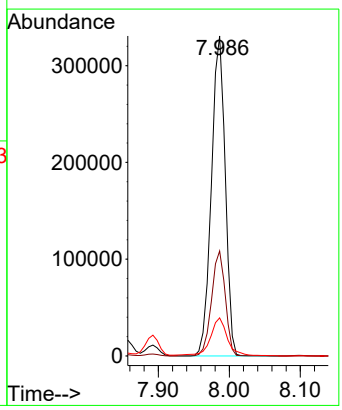
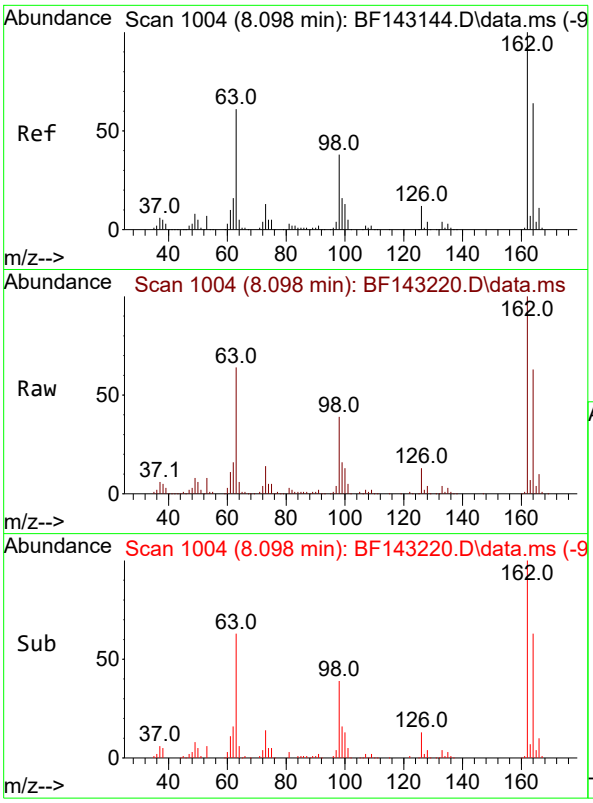


#28
bis(2-Chloroethoxy)methane
Concen: 43.143 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 93 Resp: 446720

Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.8	38.6
123	11.9	9.7	14.5

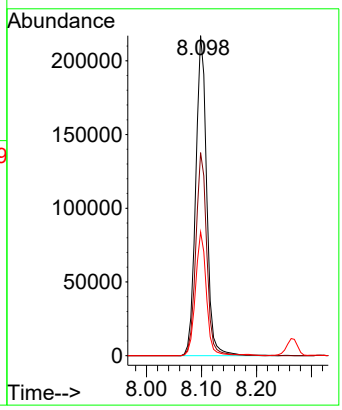




#29
2,4-Dichlorophenol
Concen: 44.367 ng
RT: 8.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:162 Resp: 30189

Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.2	84.2
98	38.7	17.9	57.9



Instrument :
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ClientSampleId :
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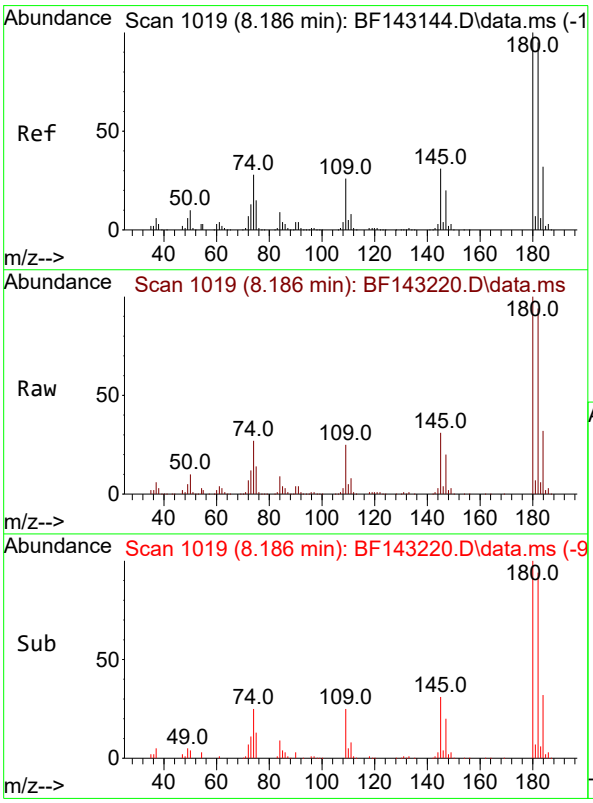
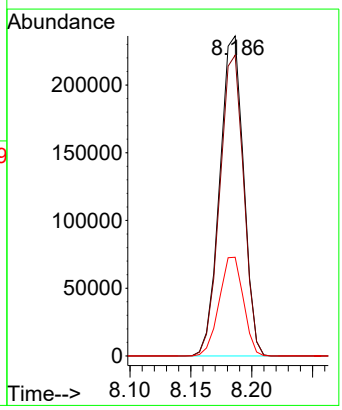
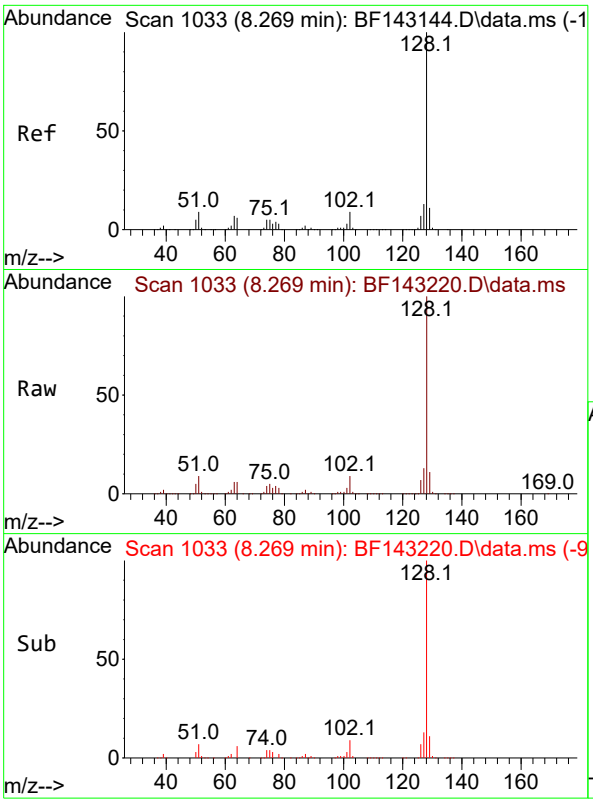


#30
1,2,4-Trichlorobenzene
Concen: 43.808 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:180 Resp: 322037

Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.2	114.2
145	30.9	25.0	37.6

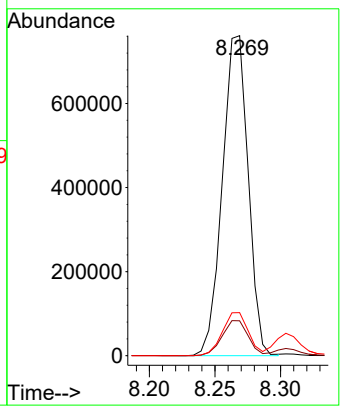




#31
Naphthalene
Concen: 43.400 ng
RT: 8.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:128 Resp: 104228

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	13.5	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
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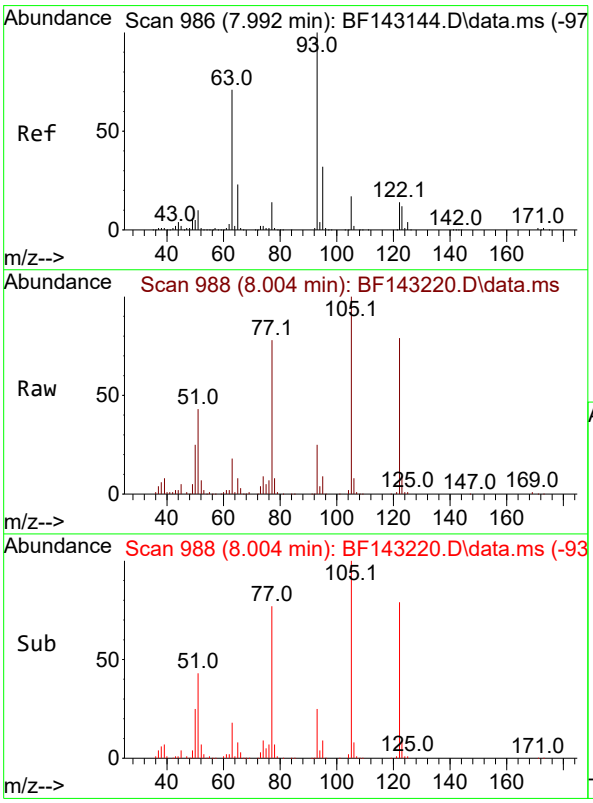
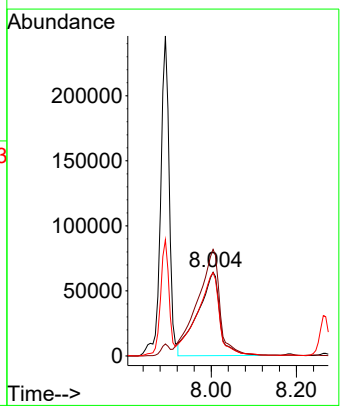
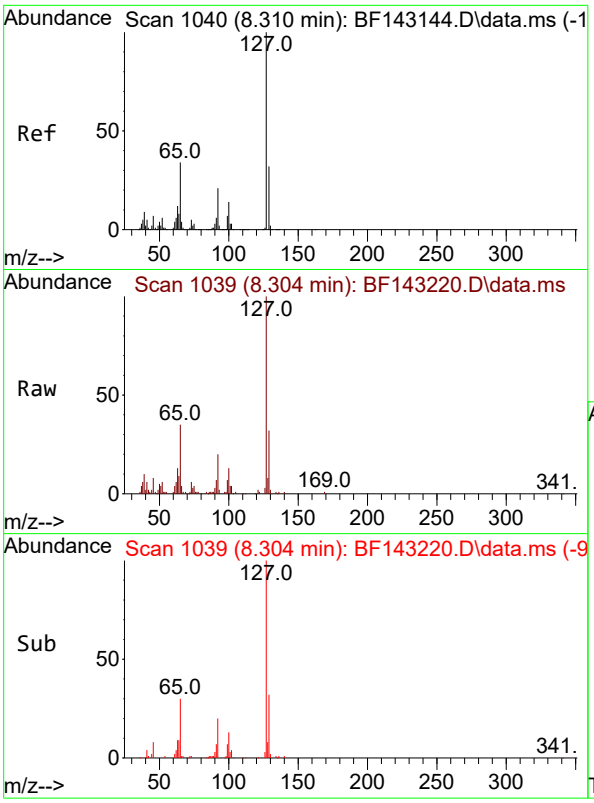


#32
Benzoic acid
Concen: 50.871 ng
RT: 8.004 min Scan# 988
Delta R.T. 0.012 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:122 Resp: 232787

Ion	Ratio	Lower	Upper
122	100		
105	127.4	104.8	144.8
77	99.7	77.6	117.6

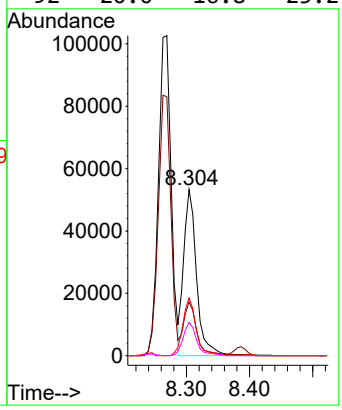




#33
4-Chloroaniline
Concen: 7.796 ng
RT: 8.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:127 Resp: 7645

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	34.8	27.4	41.2
92	20.0	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
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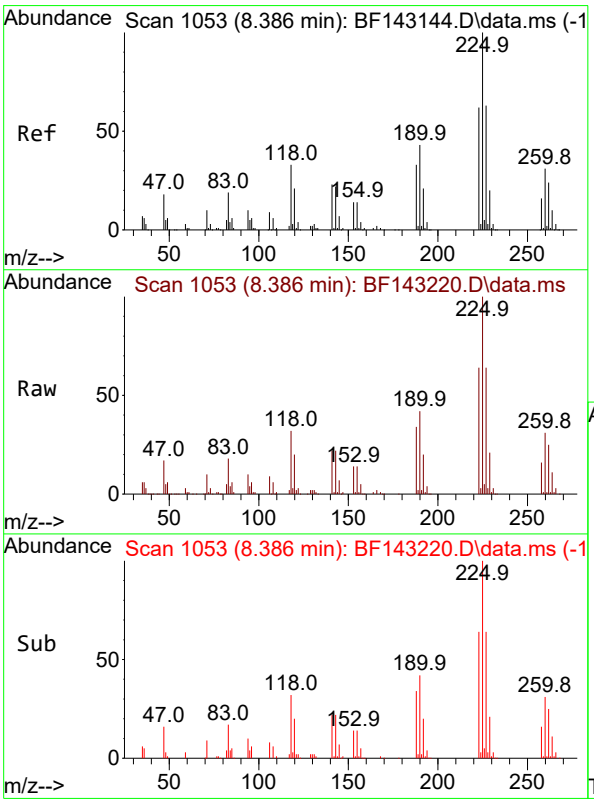
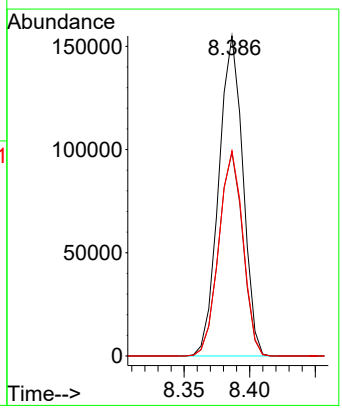
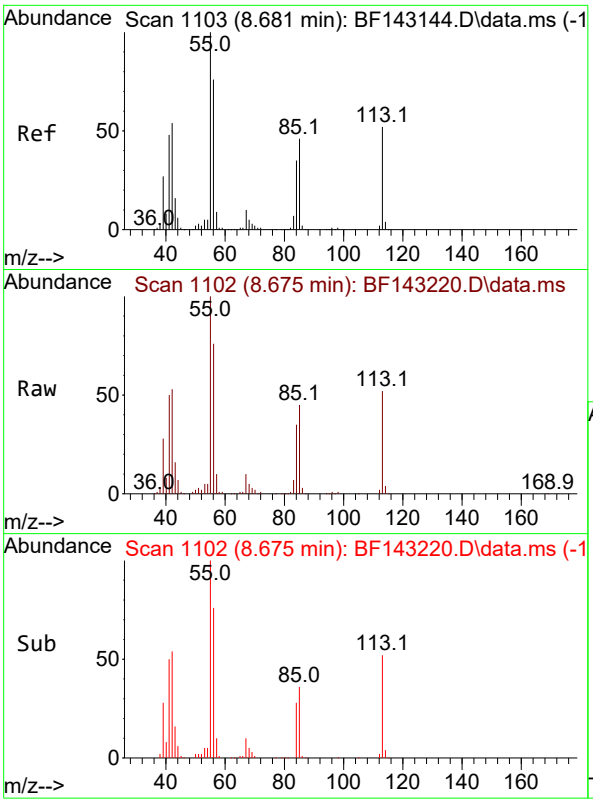


#34
Hexachlorobutadiene
Concen: 44.130 ng
RT: 8.386 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:225 Resp: 198172

Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.8	74.6
227	64.1	50.2	75.4





#35
Caprolactam
Concen: 50.301 ng m
RT: 8.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:113 Resp: 10342

Ion	Ratio	Lower	Upper
113	100		
55	193.6	174.0	214.0
56	146.9	126.6	166.6

Instrument :
BNA_F
ClientSampleId :
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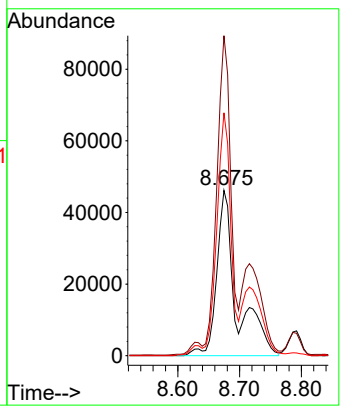
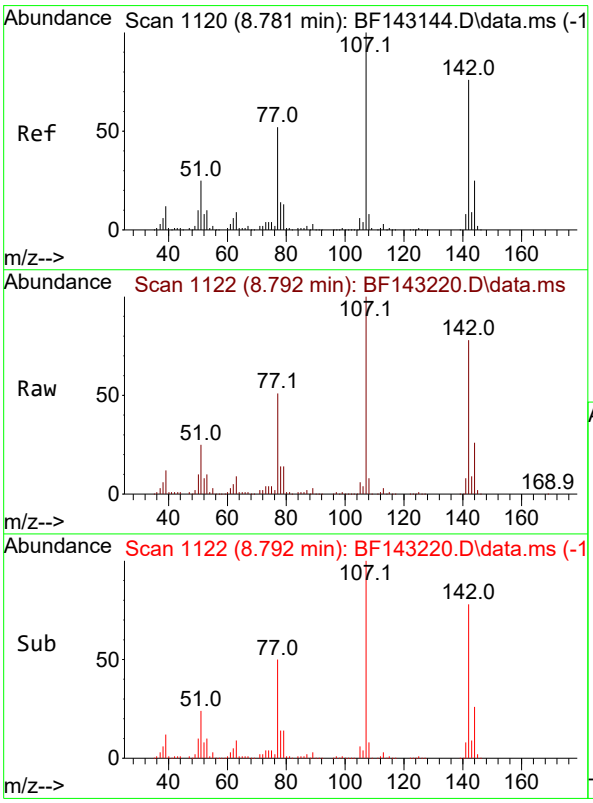
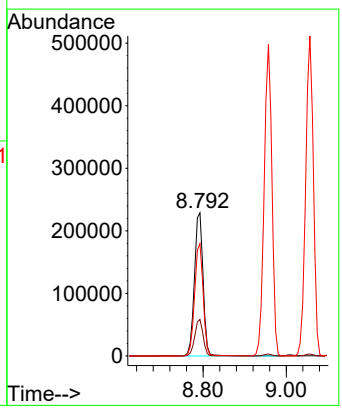


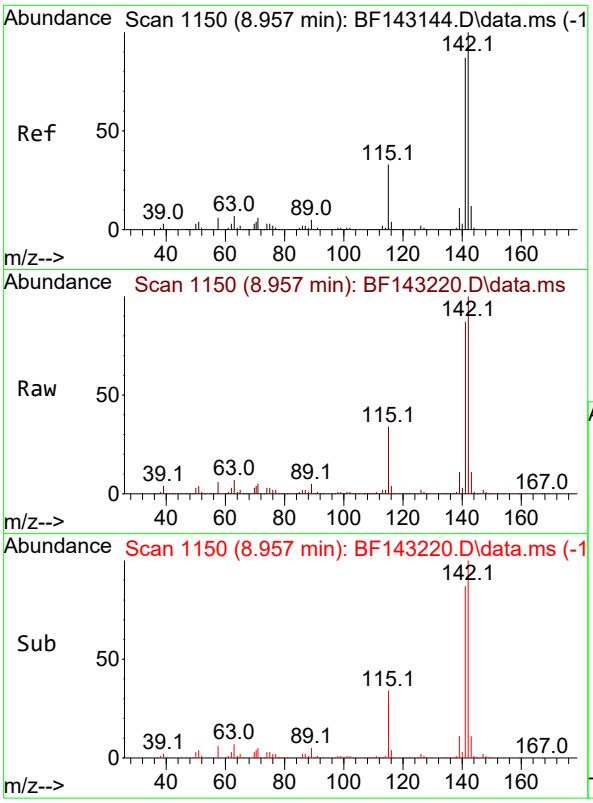


#36
4-Chloro-3-methylphenol
Concen: 44.675 ng
RT: 8.792 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:107 Resp: 330408

Ion	Ratio	Lower	Upper
107	100		
144	25.5	19.8	29.6
142	78.4	60.6	90.8

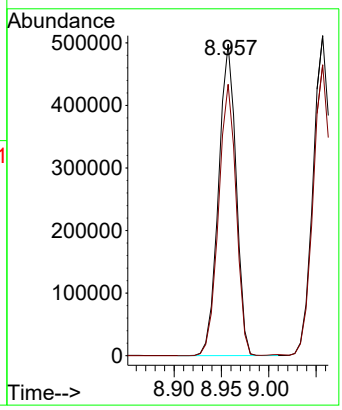




#37
2-Methylnaphthalene
Concen: 44.085 ng
RT: 8.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:142 Resp: 64424

Ion	Ratio	Lower	Upper
142	100		
141	87.1	69.9	104.9



Instrument :
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ClientSampleId :
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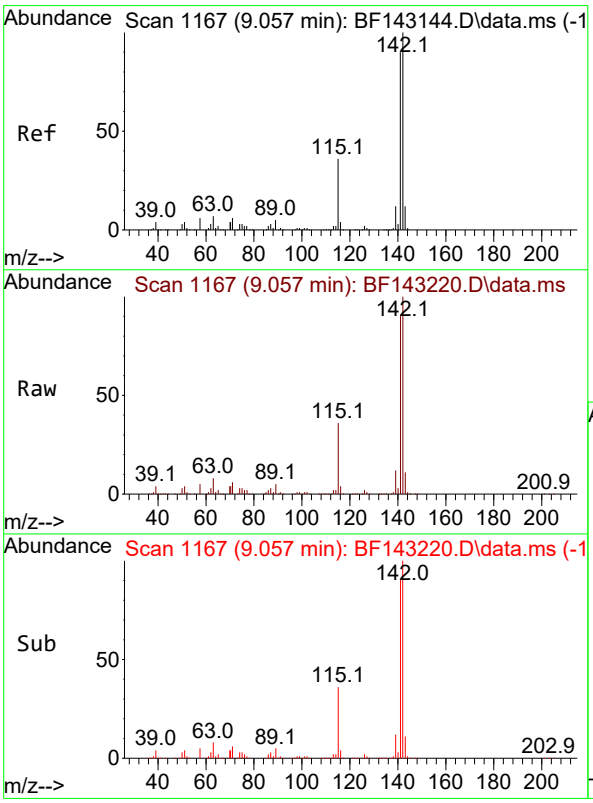
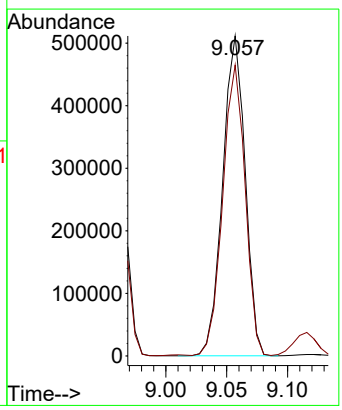
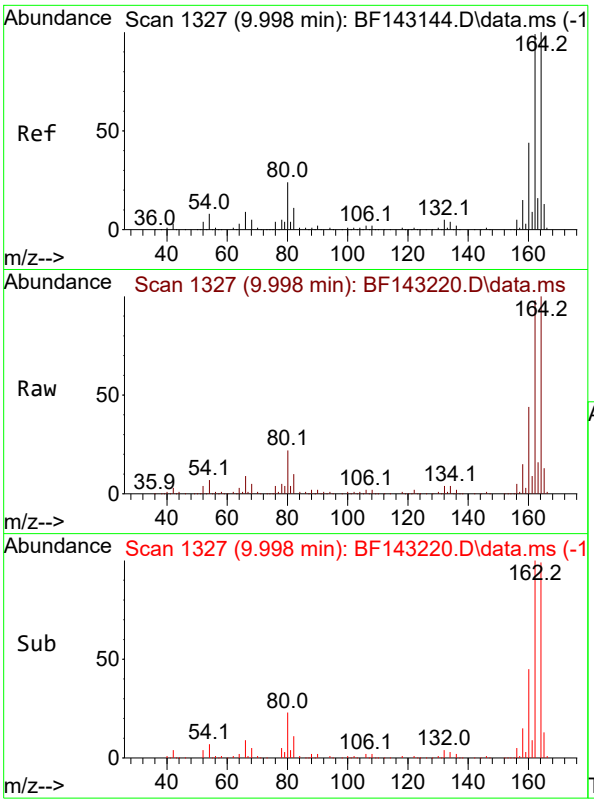


#38
1-Methylnaphthalene
Concen: 43.688 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:142 Resp: 657451

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.3	108.5

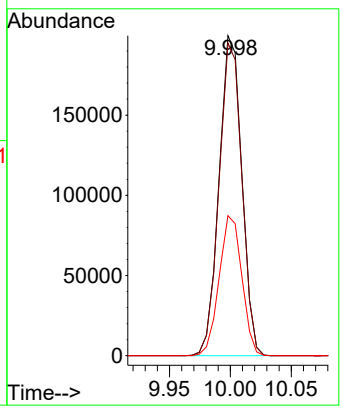




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:164 Resp: 25954

Ion	Ratio	Lower	Upper
164	100		
162	97.7	79.0	118.6
160	43.8	35.1	52.7



Instrument :
BNA_F
ClientSampleId :
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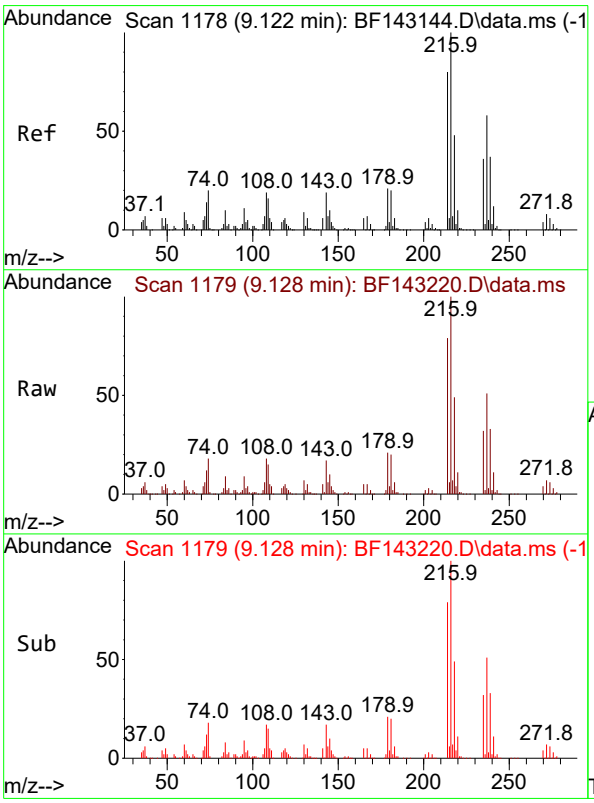
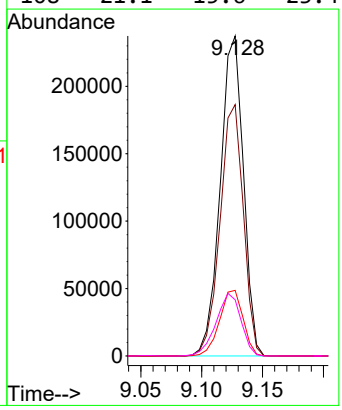
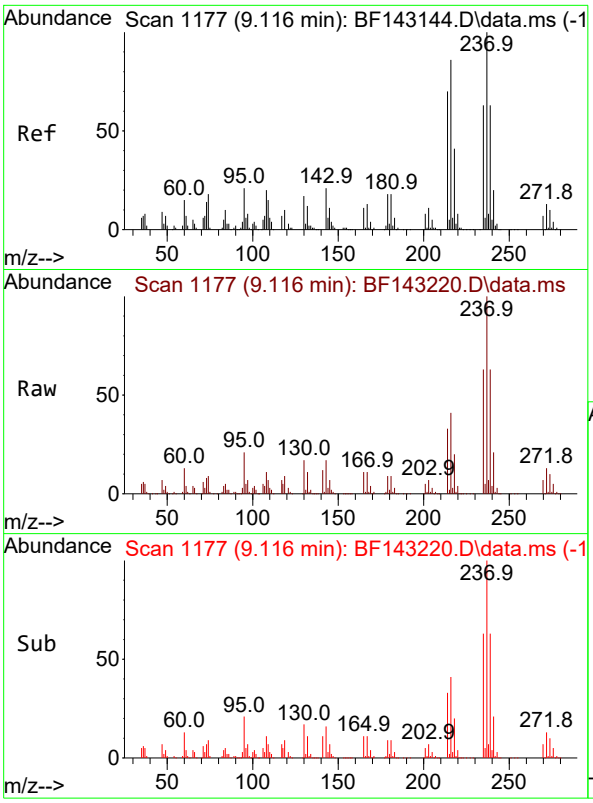


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.919 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:216 Resp: 314114

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.8	95.8
179	20.9	16.4	24.6
108	21.1	15.6	23.4





#41
Hexachlorocyclopentadiene
Concen: 86.742 ng
RT: 9.116 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:237 Resp: 42293

Ion	Ratio	Lower	Upper
237	100		
235	62.8	43.0	83.0
272	13.2	0.0	33.3

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

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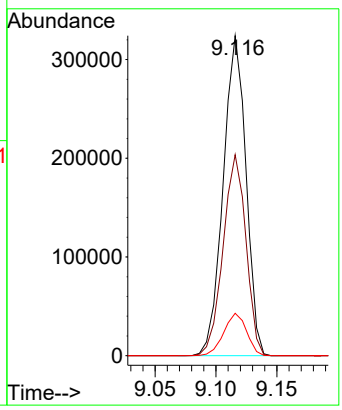
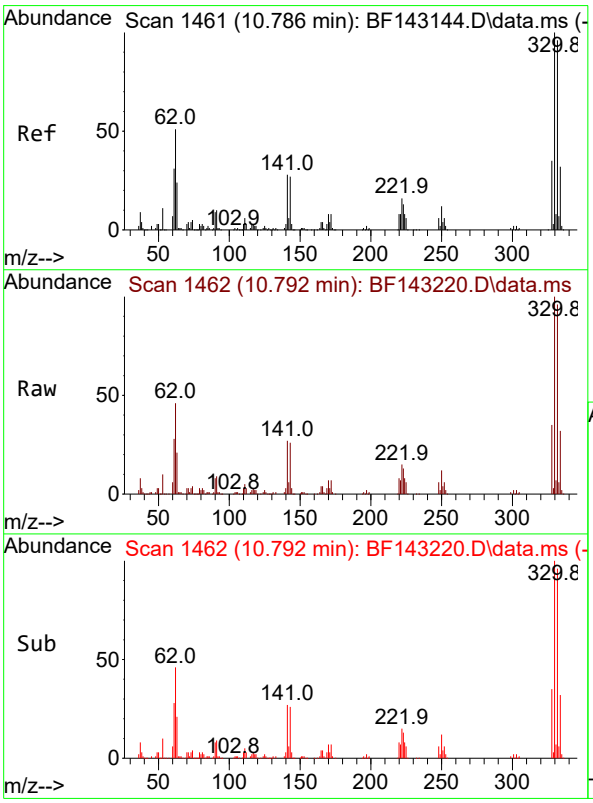
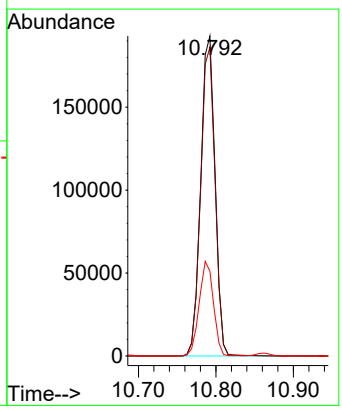


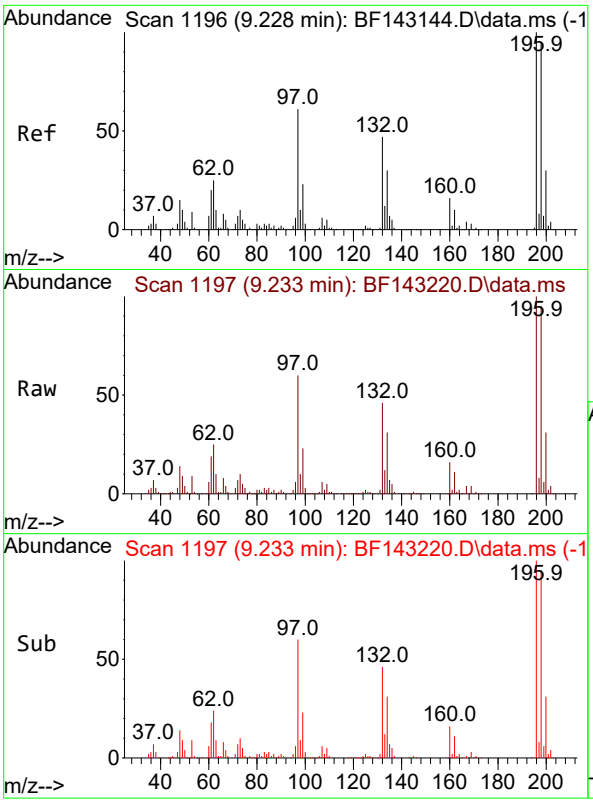


#42
2,4,6-Tribromophenol
Concen: 92.370 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:330 Resp: 247670

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.7	115.1
141	29.4	23.3	34.9

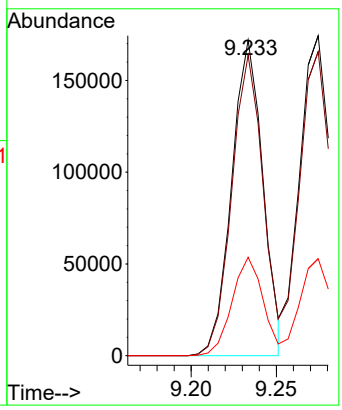




#43
2,4,6-Trichlorophenol
Concen: 42.355 ng
RT: 9.233 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:196 Resp: 21965

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
200	31.2	23.9	35.9



Instrument :
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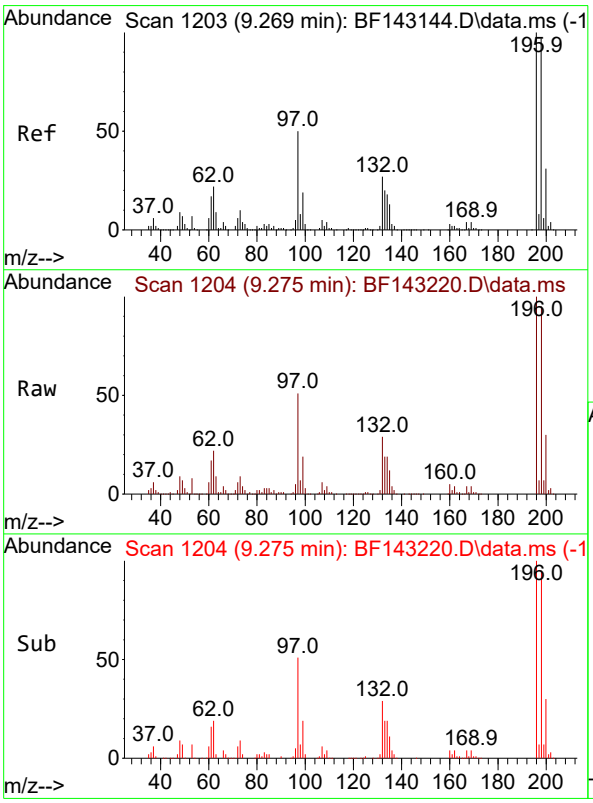
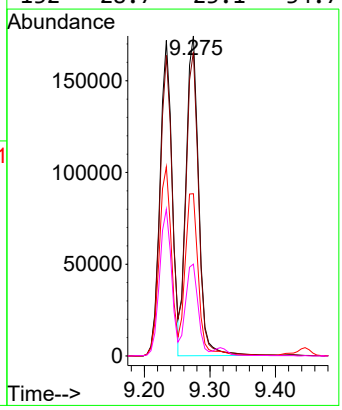
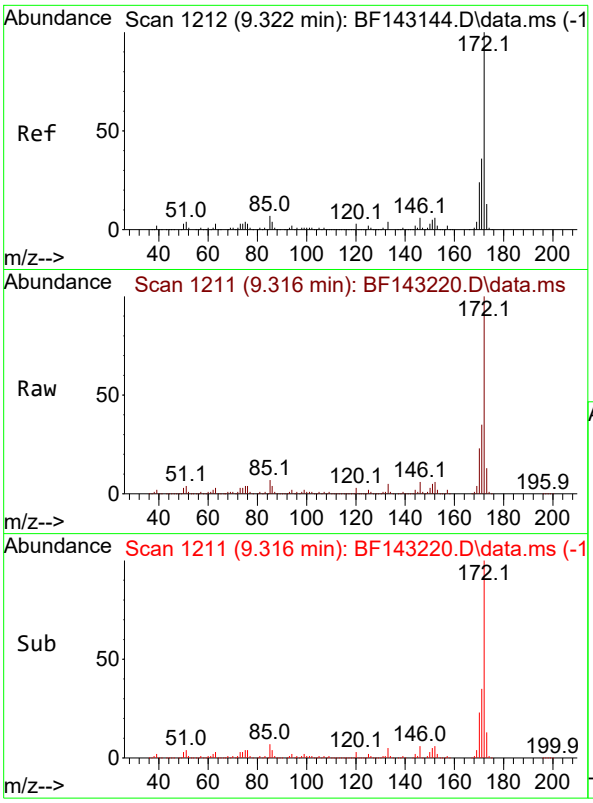


#44
2,4,5-Trichlorophenol
Concen: 45.156 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:196 Resp: 234252

Ion	Ratio	Lower	Upper
196	100		
198	95.0	77.3	115.9
97	50.7	40.3	60.5
132	28.7	23.1	34.7

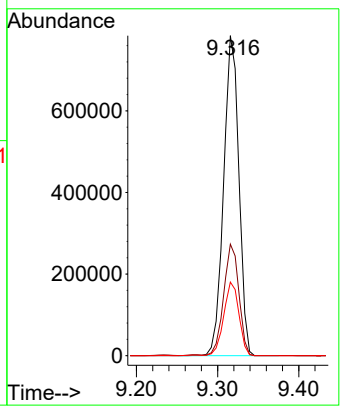




#45
2-Fluorobiphenyl
Concen: 53.987 ng
RT: 9.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:172 Resp: 102456

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	42.8
170	23.0	18.8	28.2



Instrument :
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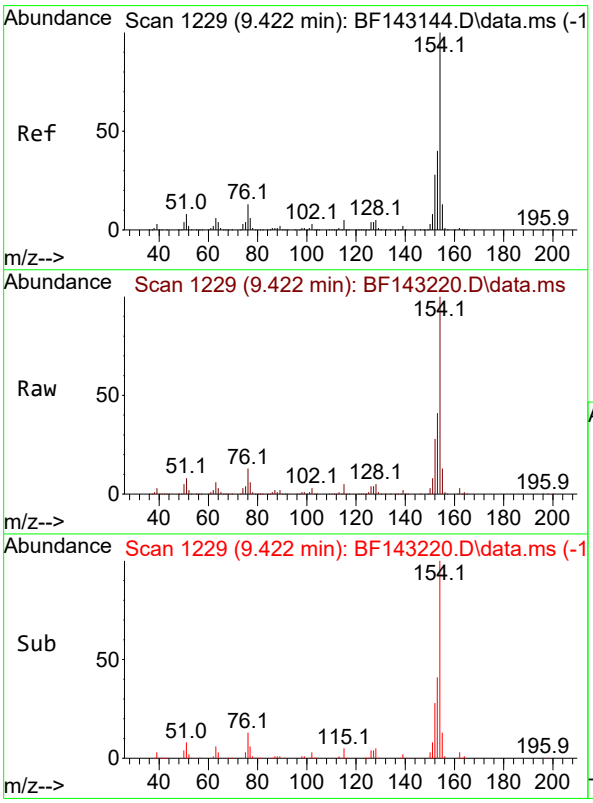
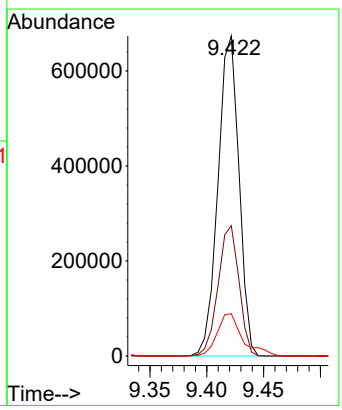
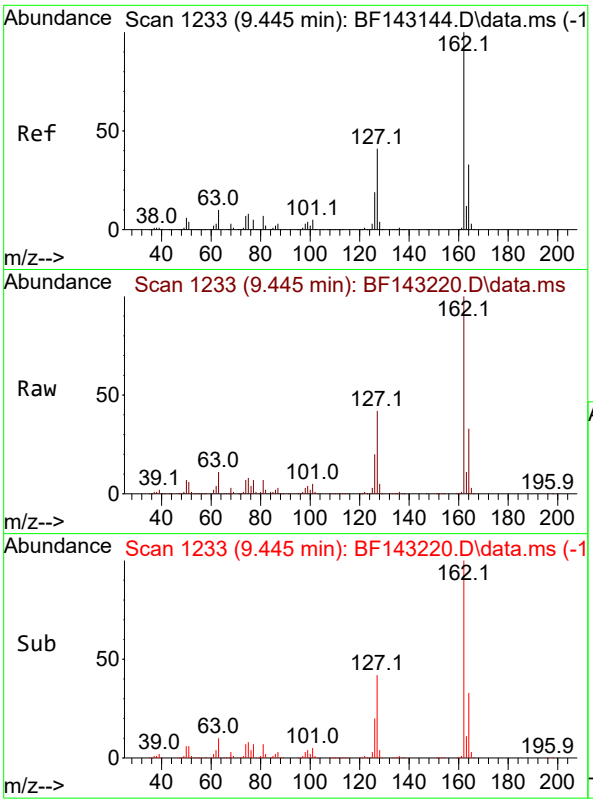


#46
1,1'-Biphenyl
Concen: 42.829 ng
RT: 9.422 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:154 Resp: 867290

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.3	60.3
76	13.2	0.0	33.3

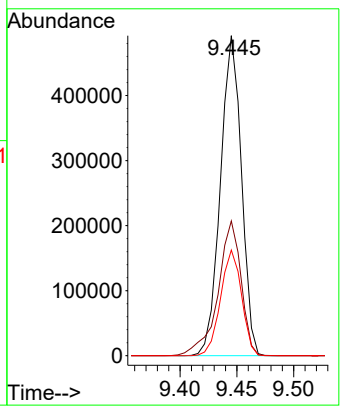




#47
2-Chloronaphthalene
Concen: 42.212 ng
RT: 9.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:162 Resp: 63247

Ion	Ratio	Lower	Upper
162	100		
127	42.1	33.4	50.2
164	33.0	26.2	39.2



Instrument :
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ClientSampleId :
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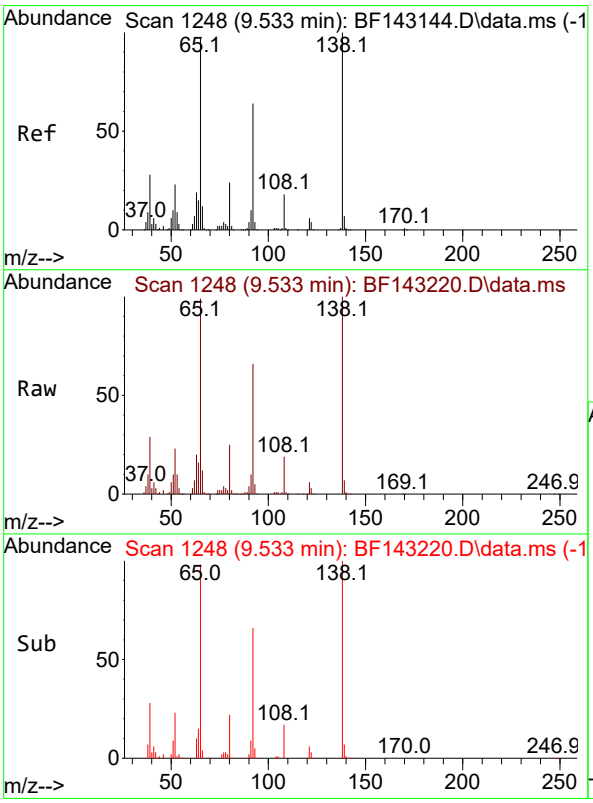
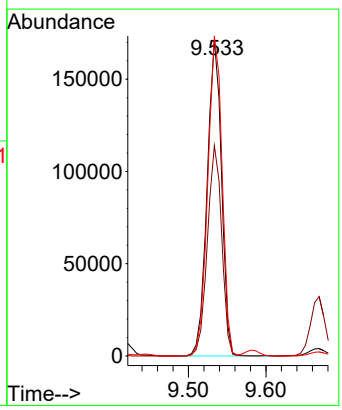
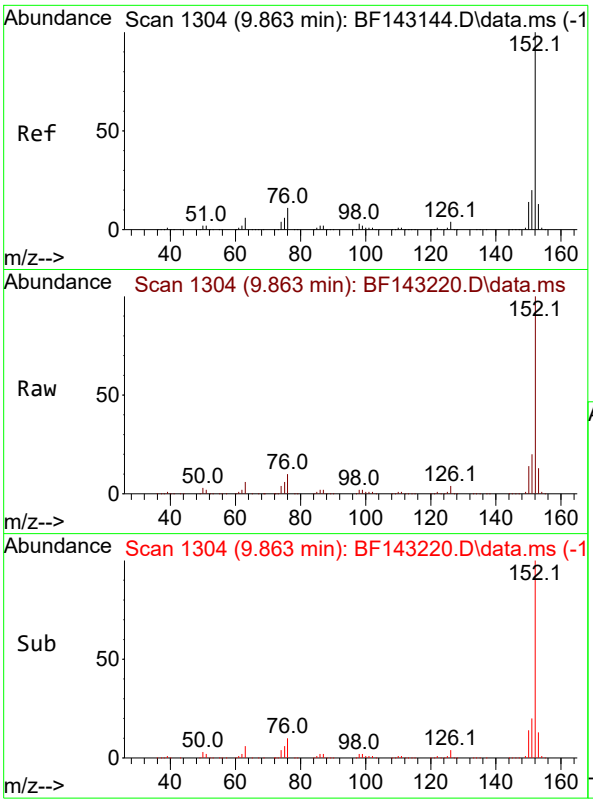


#48
2-Nitroaniline
Concen: 46.959 ng
RT: 9.533 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 65 Resp: 220648

Ion	Ratio	Lower	Upper
65	100		
92	66.6	52.4	78.6
138	101.3	82.3	123.5

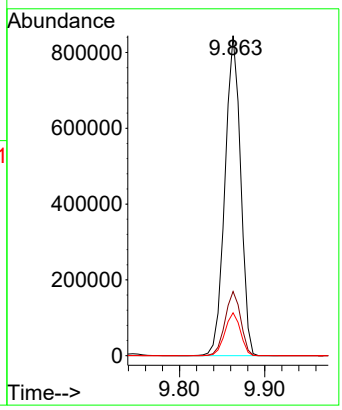




#49
Acenaphthylene
Concen: 42.983 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:152 Resp: 107929

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	13.4	10.6	16.0



Instrument :
BNA_F
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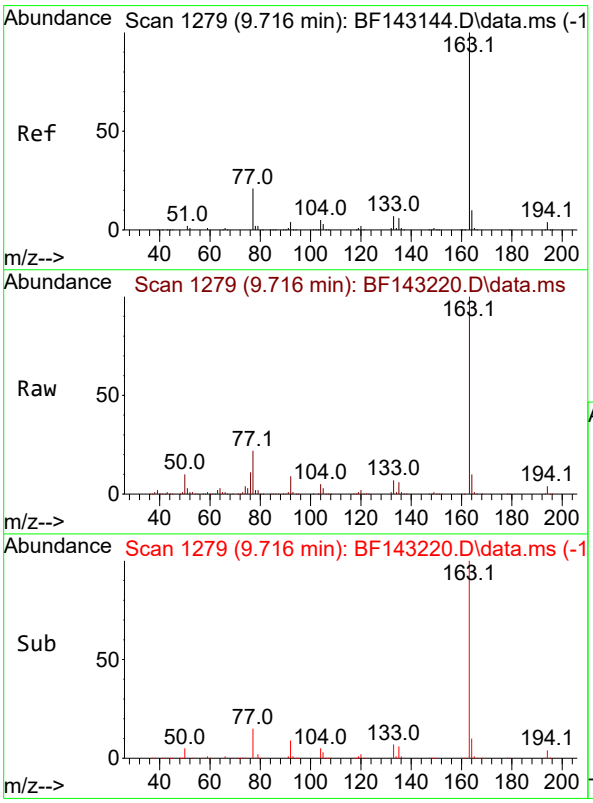
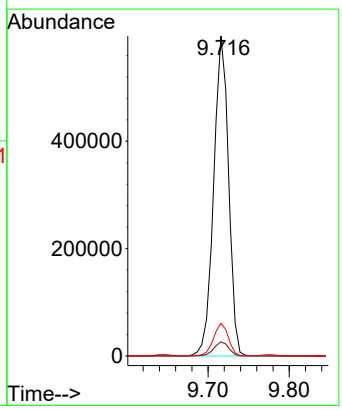
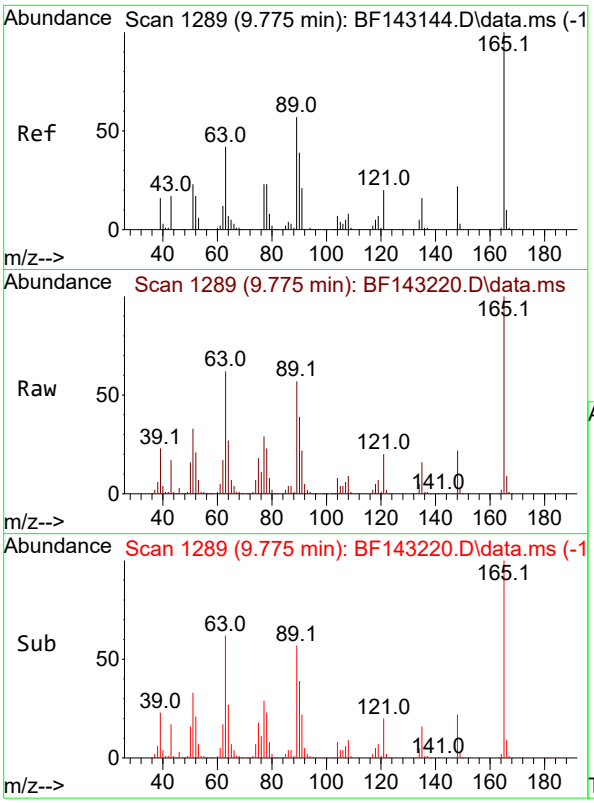


#50
Dimethylphthalate
Concen: 44.958 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:163 Resp: 760601

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.2	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 48.793 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:165 Resp: 16792

Ion	Ratio	Lower	Upper
165	100		
63	62.2	49.4	74.2
89	56.6	46.2	69.2

Instrument :
BNA_F
ClientSampleId :
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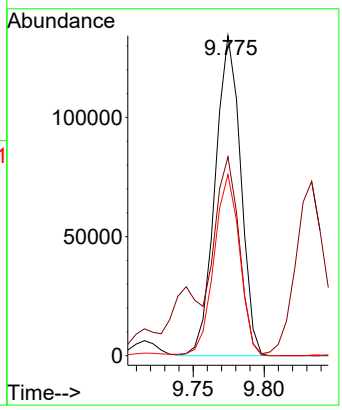
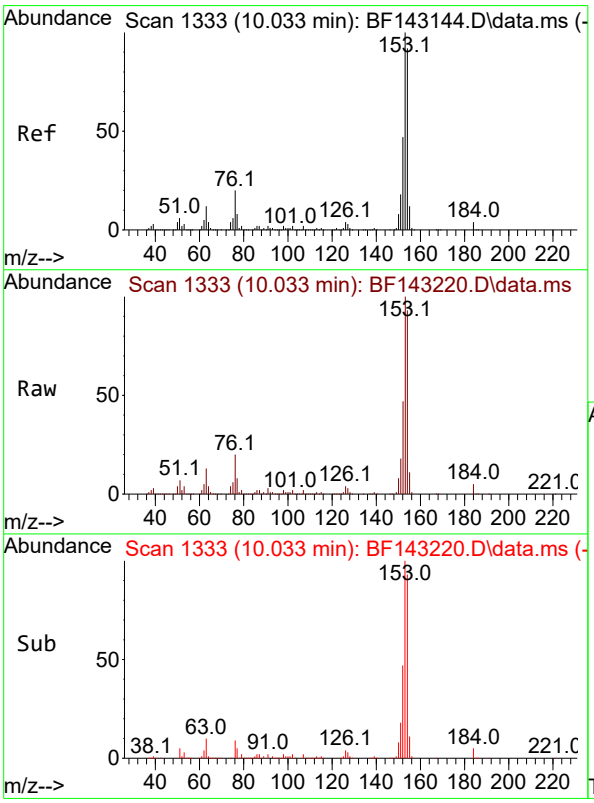
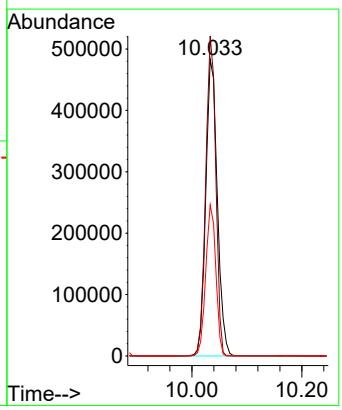


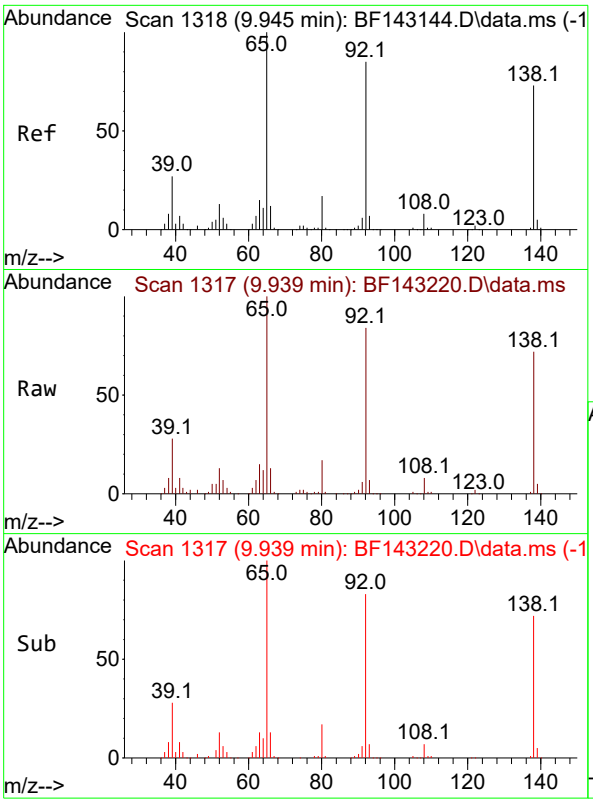


#52
Acenaphthene
Concen: 47.495 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:154 Resp: 704873

Ion	Ratio	Lower	Upper
154	100		
153	107.9	86.6	129.8
152	51.0	40.4	60.6

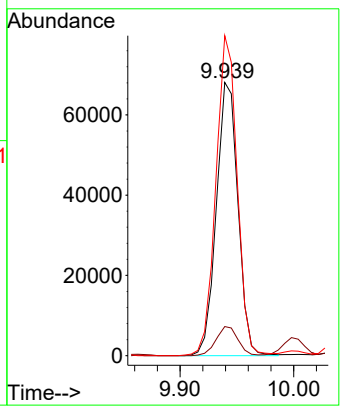




#53
3-Nitroaniline
Concen: 22.394 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:138 Resp: 9015

Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.0	13.6
92	117.1	93.0	139.4



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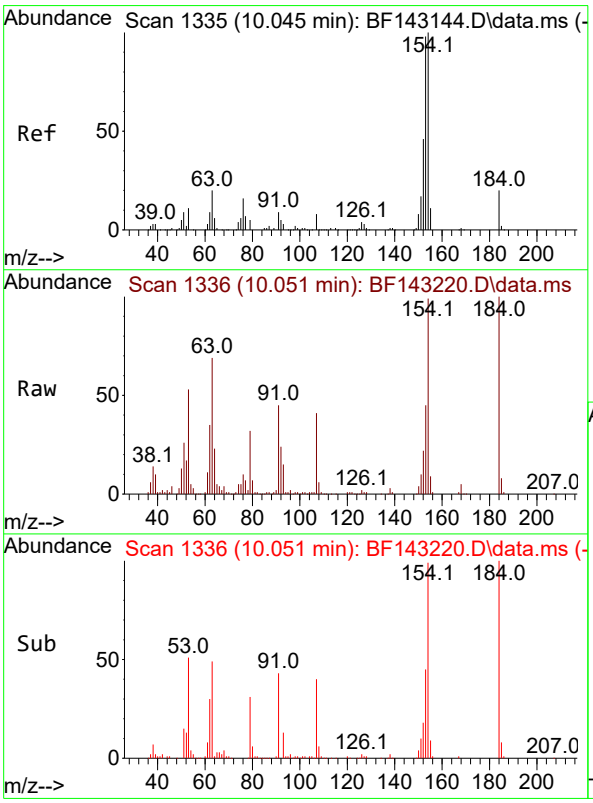
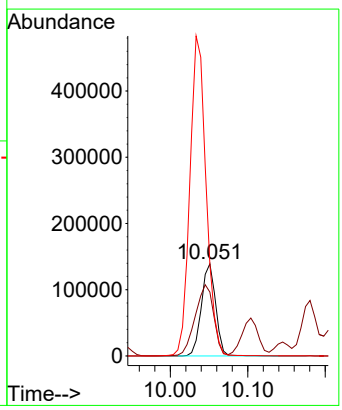
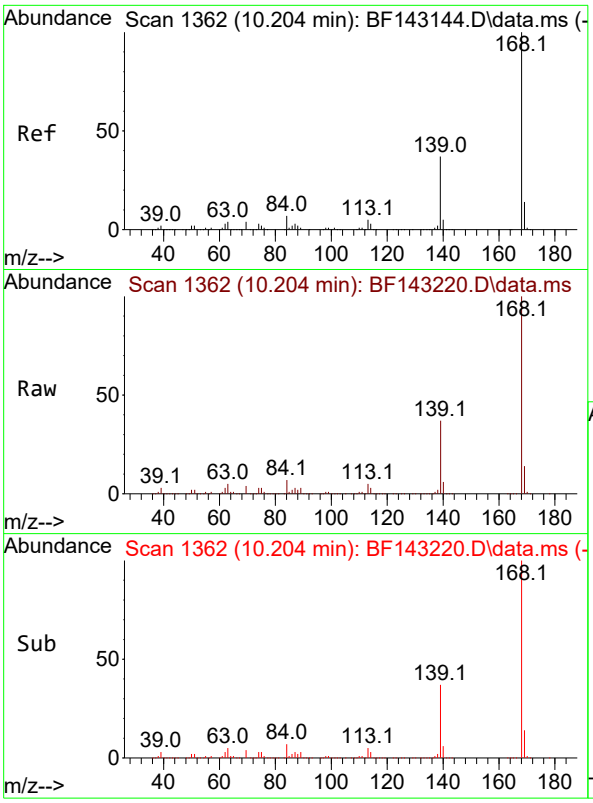


#54
2,4-Dinitrophenol
Concen: 111.650 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:184 Resp: 178640

Ion	Ratio	Lower	Upper
184	100		
63	69.3	81.8	122.6#
154	99.5	412.2	618.4#

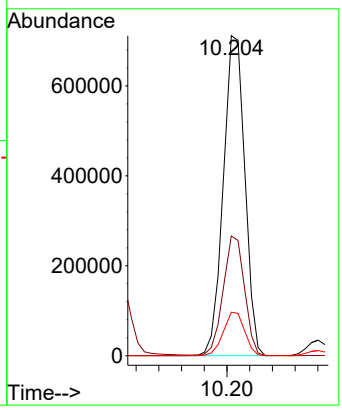




#55
Dibenzofuran
Concen: 42.539 ng
RT: 10.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:168 Resp: 93731

Ion	Ratio	Lower	Upper
168	100		
139	37.4	29.5	44.3
169	13.6	10.9	16.3



Instrument :
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ClientSampleId :
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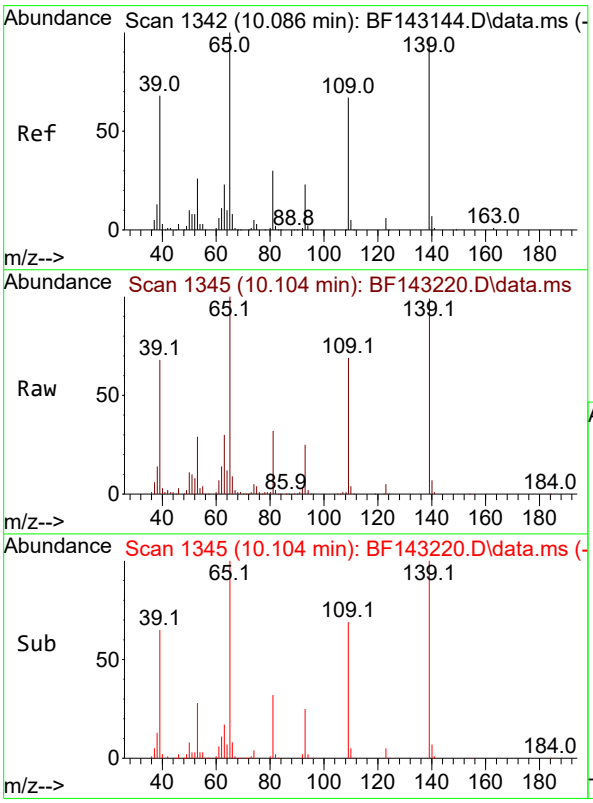
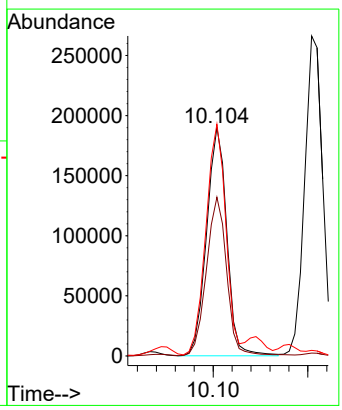
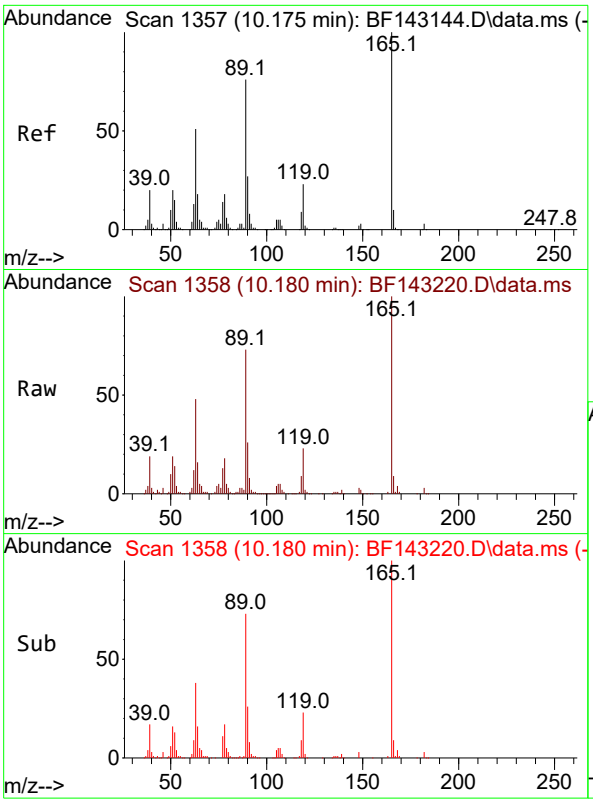


#56
4-Nitrophenol
Concen: 93.589 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:139 Resp: 281333

Ion	Ratio	Lower	Upper
139	100		
109	69.4	48.5	88.5
65	101.3	83.4	123.4

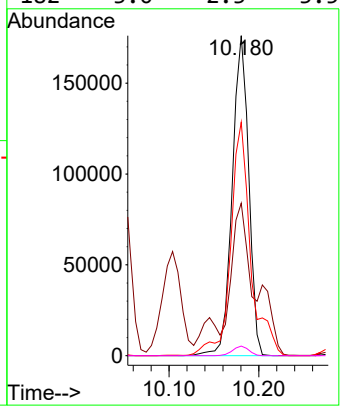




#57
2,4-Dinitrotoluene
Concen: 51.912 ng
RT: 10.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:165 Resp: 22414

Ion	Ratio	Lower	Upper
165	100		
63	47.7	41.0	61.4
89	73.0	61.1	91.7
182	3.0	2.3	3.5



Instrument :
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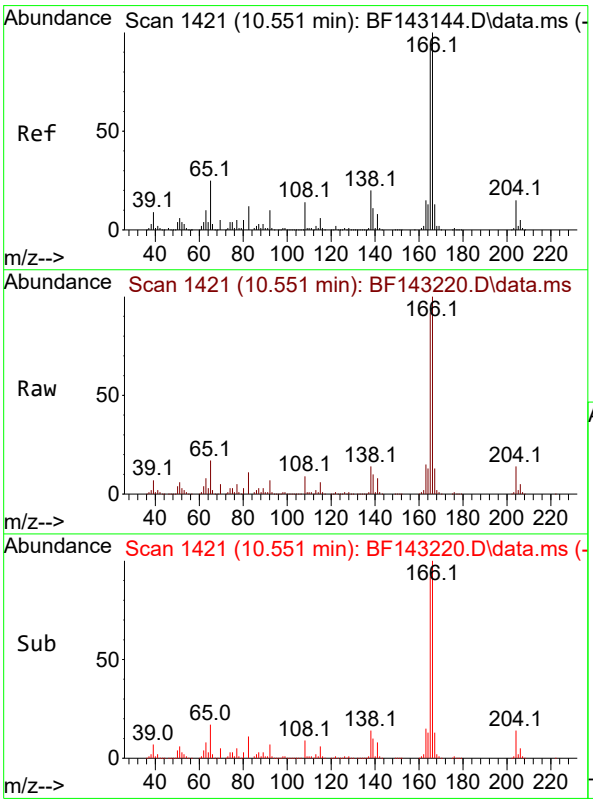
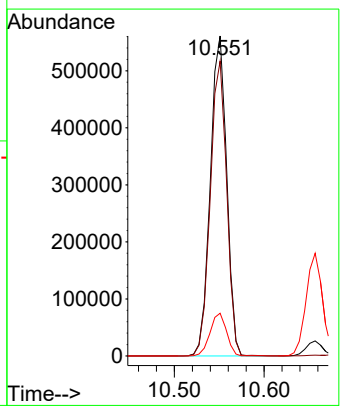
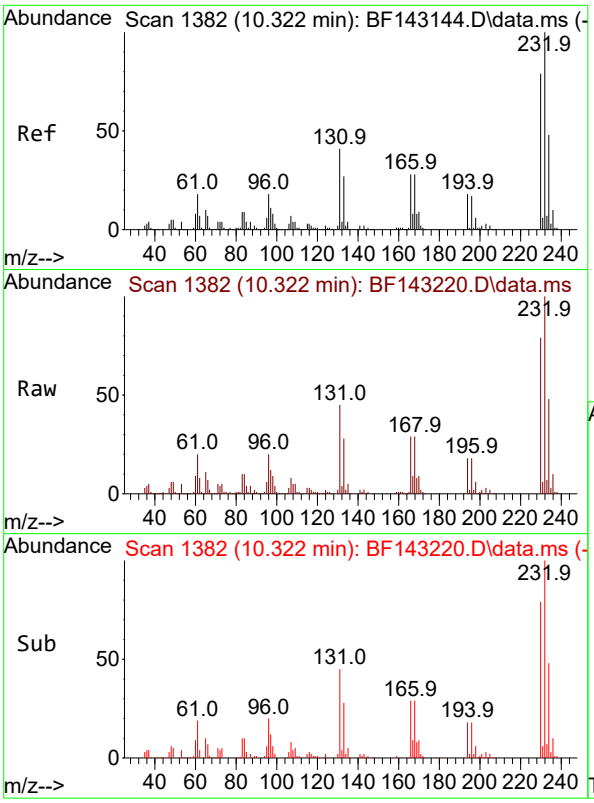


#58
Fluorene
Concen: 42.978 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:166 Resp: 710745

Ion	Ratio	Lower	Upper
166	100		
165	92.1	73.7	110.5
167	13.3	10.6	16.0

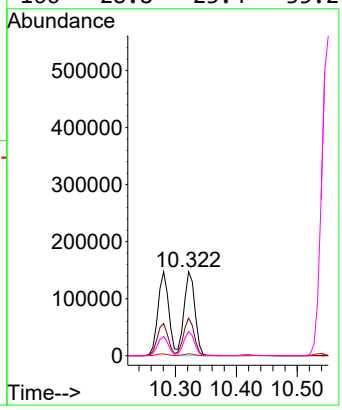




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.202 ng
RT: 10.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:232 Resp: 18135

Ion	Ratio	Lower	Upper
232	100		
131	44.8	35.3	52.9
130	2.2	1.7	2.5
166	28.8	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
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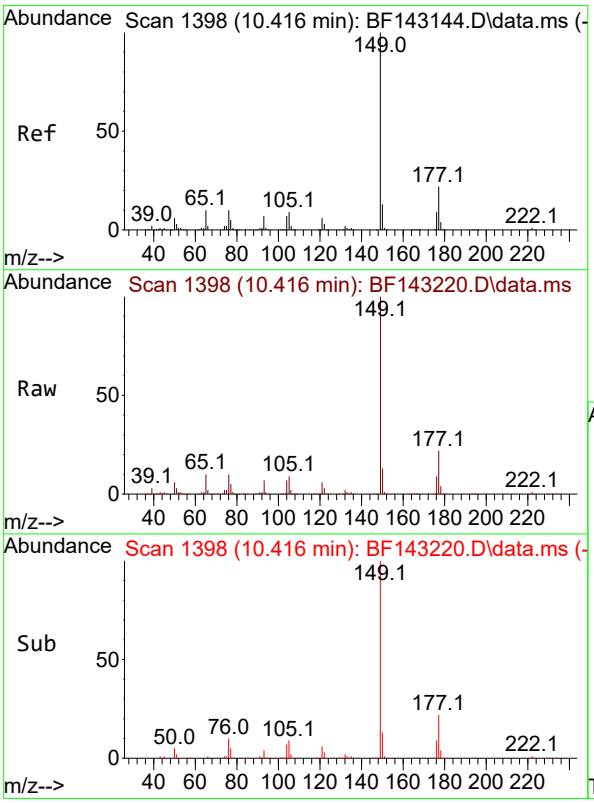
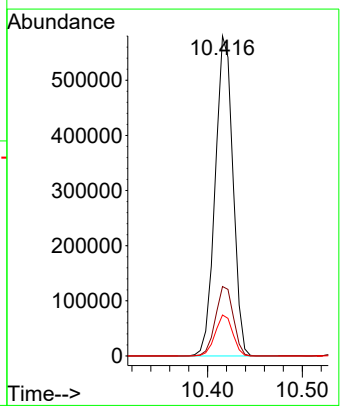
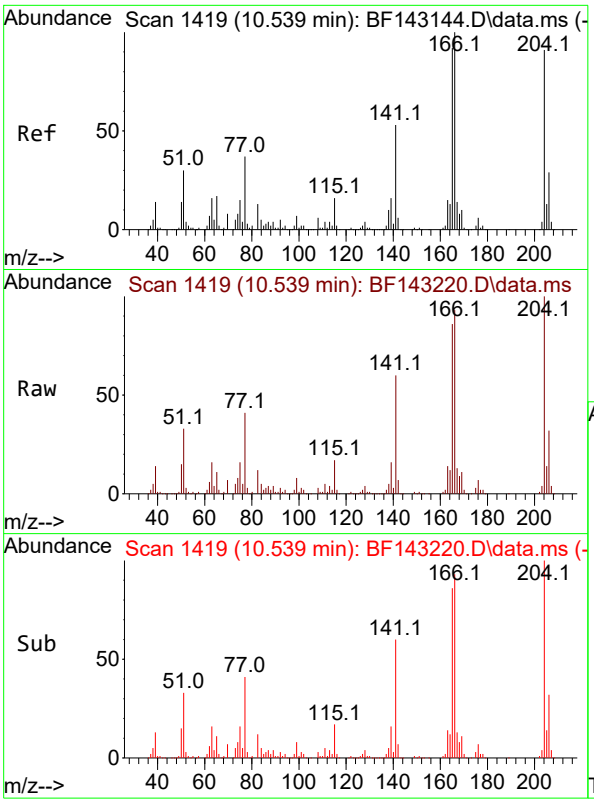


#60
Diethylphthalate
Concen: 45.197 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:149 Resp: 755779

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.5	26.3
150	12.8	10.2	15.2

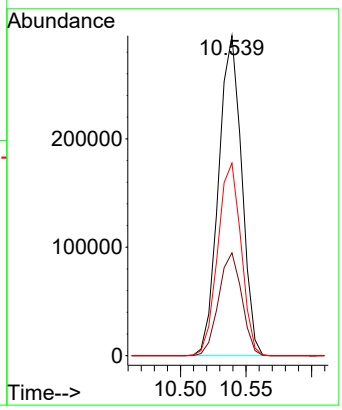




#61
4-Chlorophenyl-phenylether
Concen: 43.896 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:204 Resp: 36146

Ion	Ratio	Lower	Upper
204	100		
206	32.1	25.8	38.8
141	60.1	47.0	70.4



Instrument :
BNA_F
ClientSampleId :
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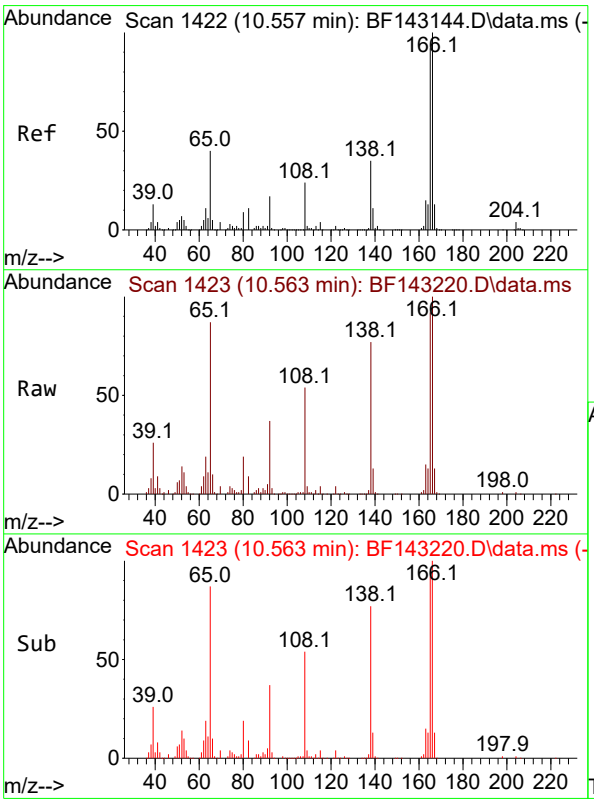
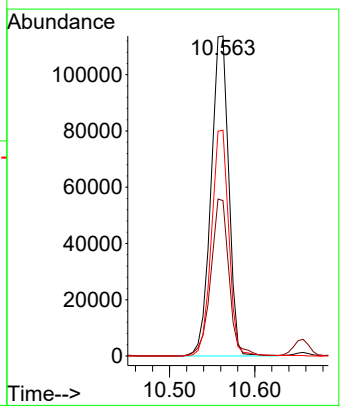
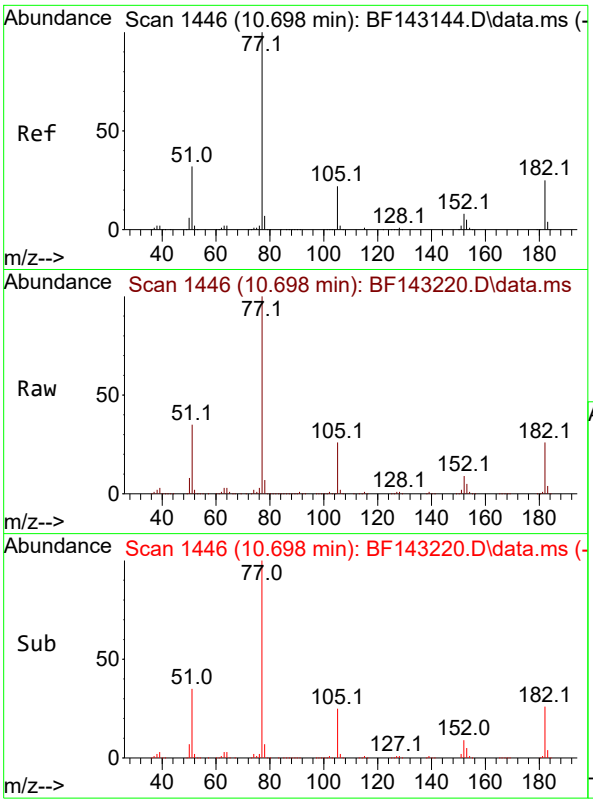


#62
4-Nitroaniline
Concen: 47.708 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:138 Resp: 164599

Ion	Ratio	Lower	Upper
138	100		
92	48.6	29.3	69.3
108	70.6	48.3	88.3

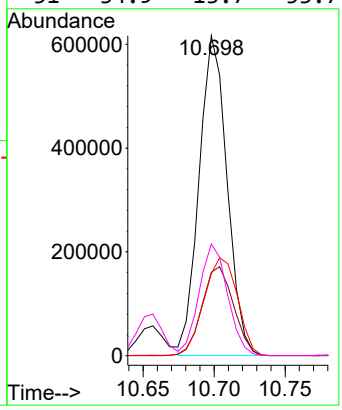




#63
Azobenzene
Concen: 48.382 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 77 Resp: 84320

Ion	Ratio	Lower	Upper
77	100		
182	26.1	4.6	44.6
105	25.6	1.4	41.4
51	34.9	13.7	53.7



Instrument :
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ClientSampleId :
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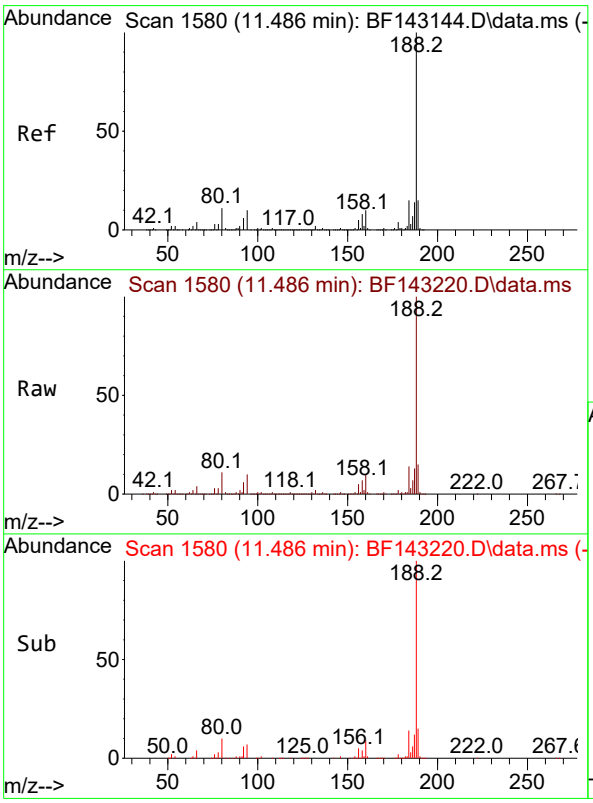
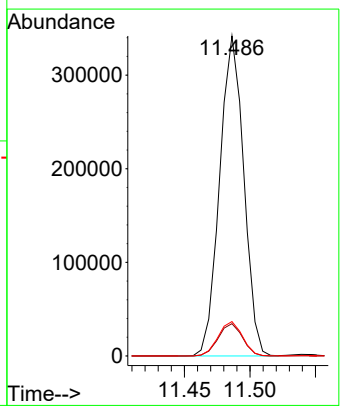
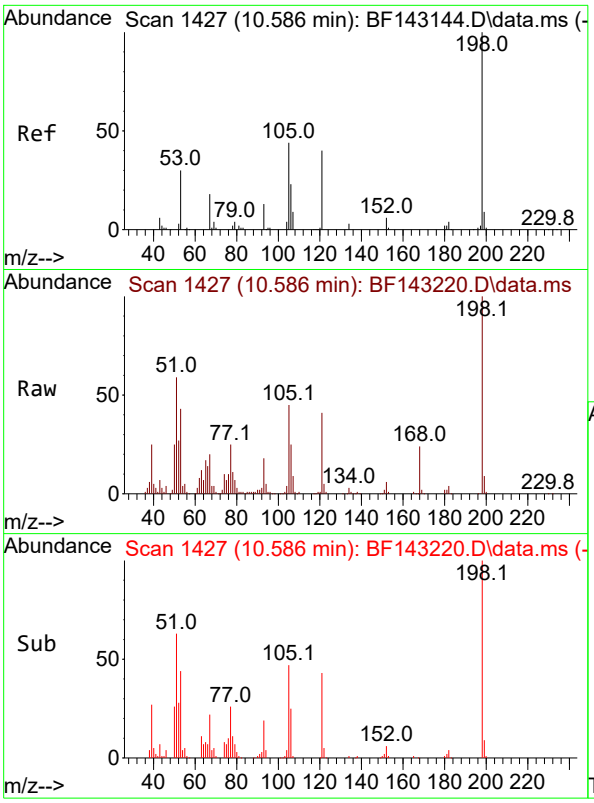


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:188 Resp: 437619

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.3	12.5
80	10.7	9.0	13.6

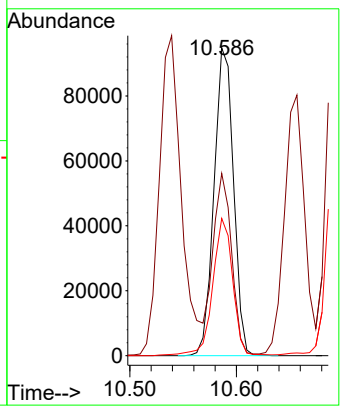




#65
4,6-Dinitro-2-methylphenol
Concen: 51.779 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:198 Resp: 11989

Ion	Ratio	Lower	Upper
198	100		
51	59.2	37.2	77.2
105	44.6	24.8	64.8



Instrument :
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ClientSampleId :
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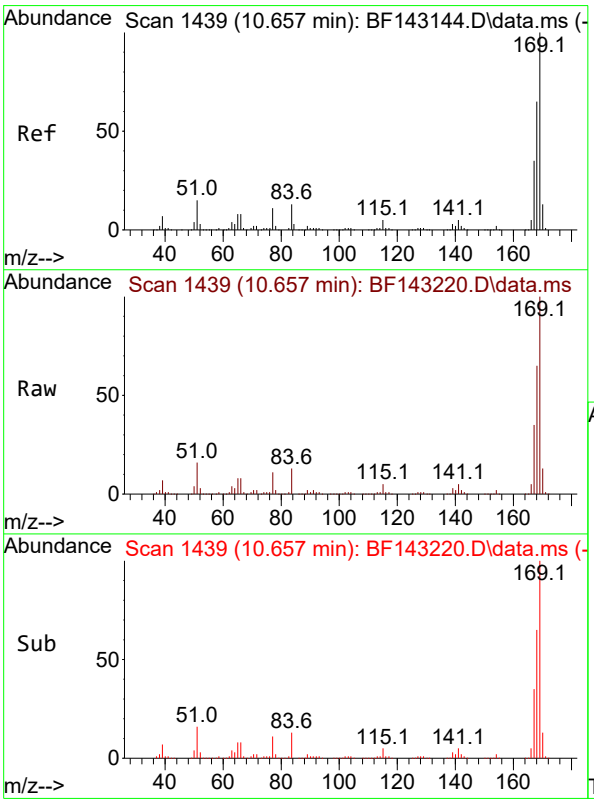
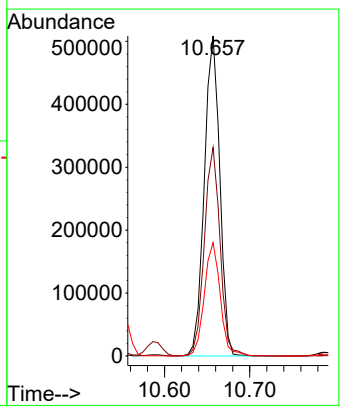
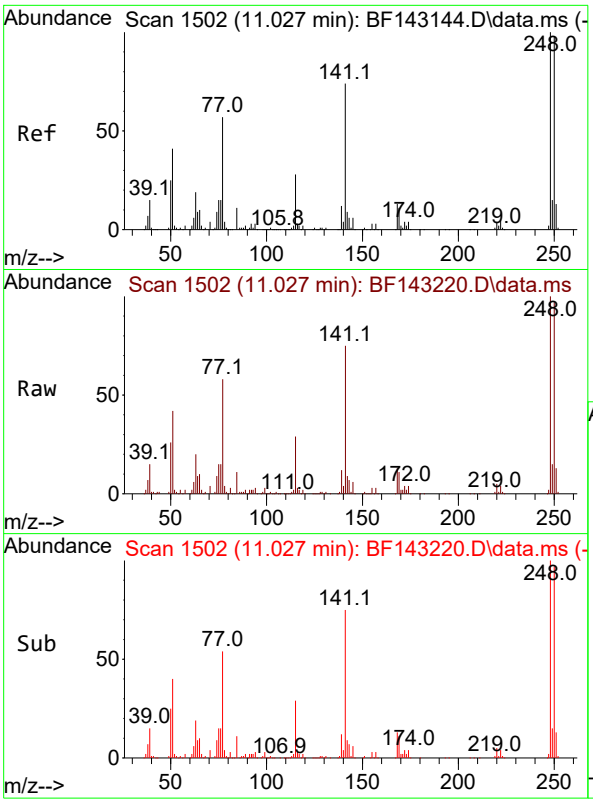


#66
n-Nitrosodiphenylamine
Concen: 41.586 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:169 Resp: 640835

Ion	Ratio	Lower	Upper
169	100		
168	65.2	52.1	78.1
167	35.4	28.2	42.2

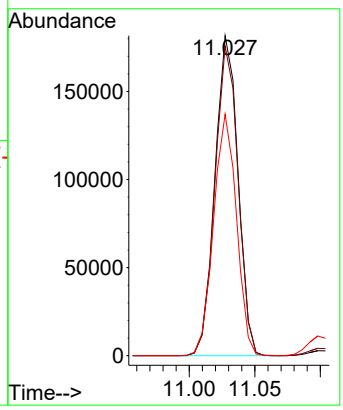




#67
4-Bromophenyl-phenylether
Concen: 42.561 ng
RT: 11.027 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:248 Resp: 22196

Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.3	117.5
141	75.4	59.2	88.8



Instrument :
BNA_F
ClientSampleId :
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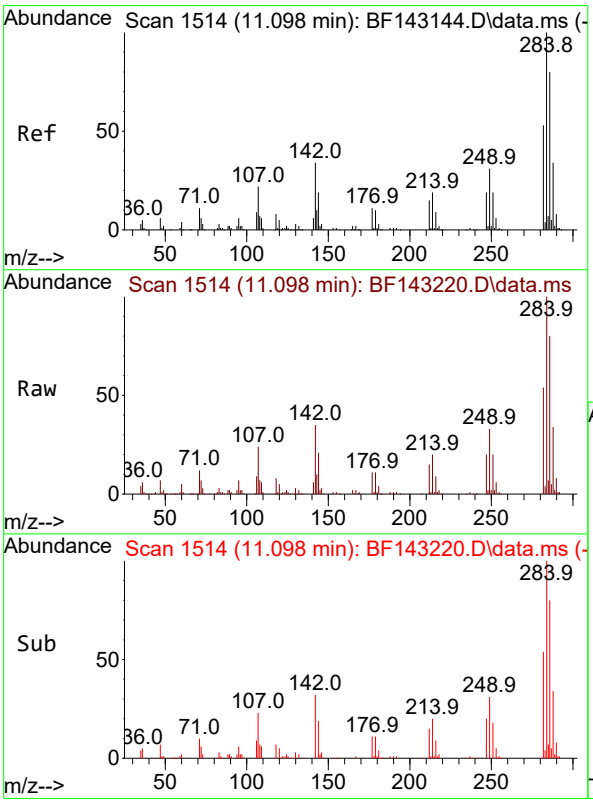
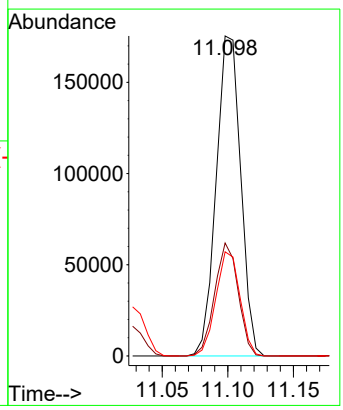
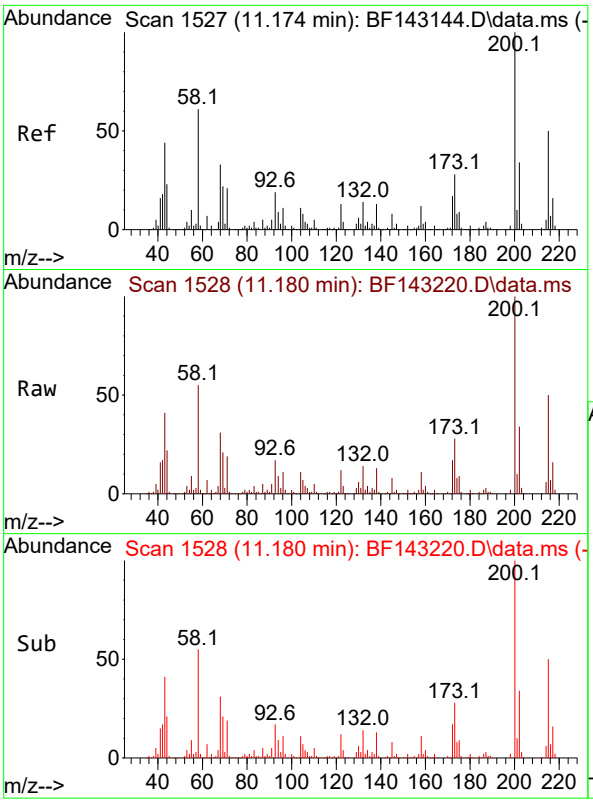


#68
Hexachlorobenzene
Concen: 41.737 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:284 Resp: 227510

Ion	Ratio	Lower	Upper
284	100		
142	35.3	27.0	40.6
249	32.5	25.0	37.6

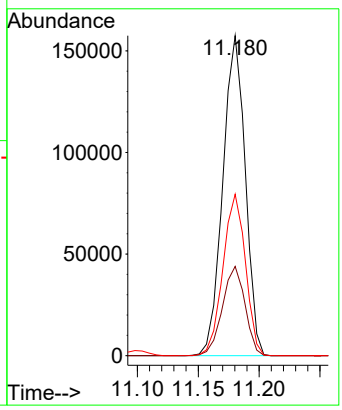




#69
Atrazine
Concen: 47.514 ng
RT: 11.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:200 Resp: 20185

Ion	Ratio	Lower	Upper
200	100		
173	27.9	7.9	47.9
215	50.5	30.1	70.1



Instrument :
BNA_F
ClientSampleId :
WC-3MSD

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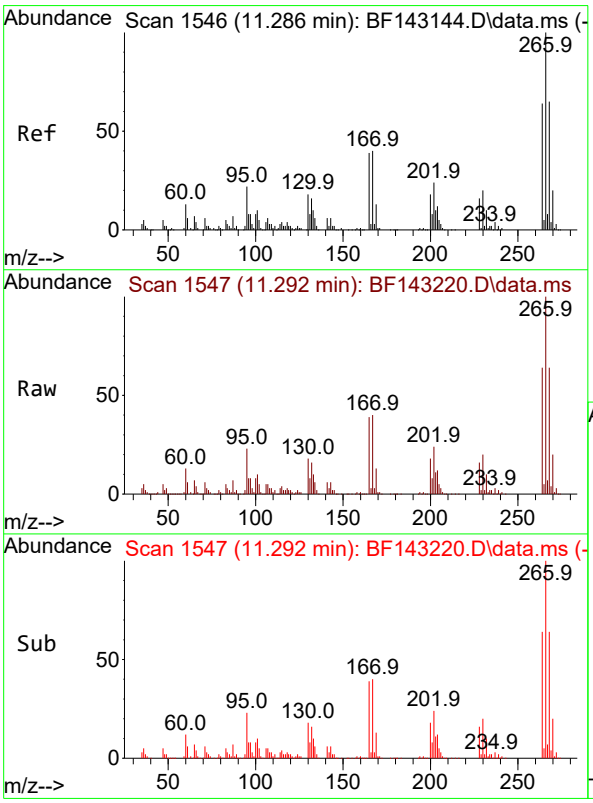
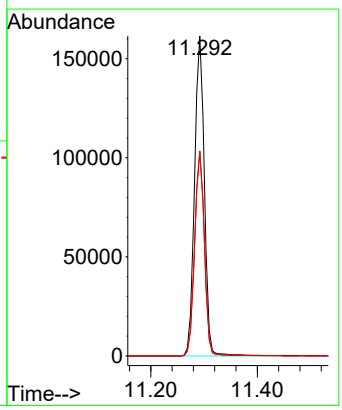
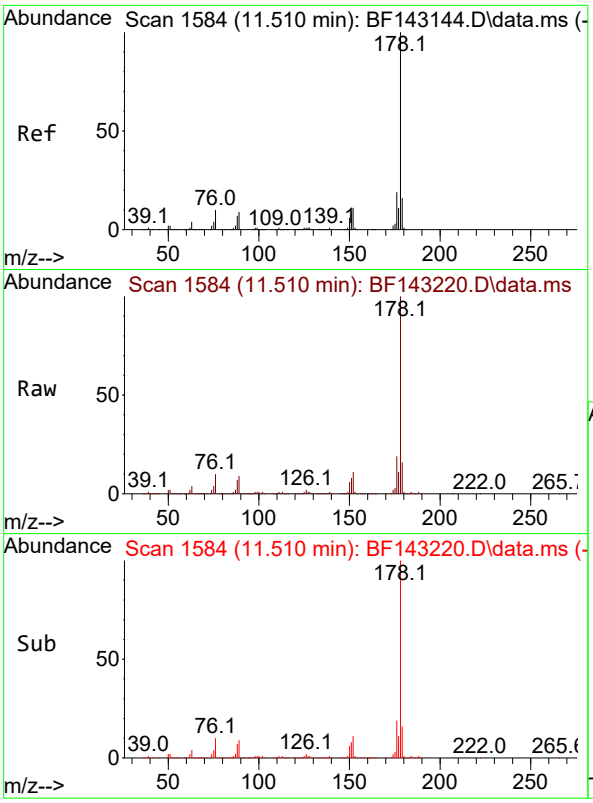


#70
Pentachlorophenol
Concen: 64.749 ng
RT: 11.292 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:266 Resp: 207564

Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.9	77.9
264	63.9	51.0	76.6

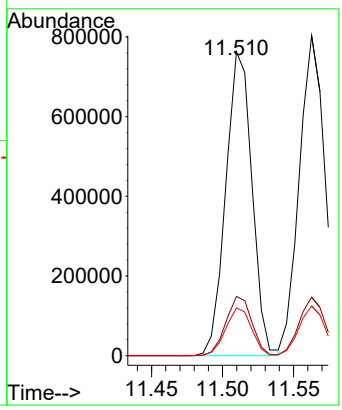




#71
Phenanthrene
Concen: 42.148 ng
RT: 11.510 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:178 Resp: 97935

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.7	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
WC-3MSD

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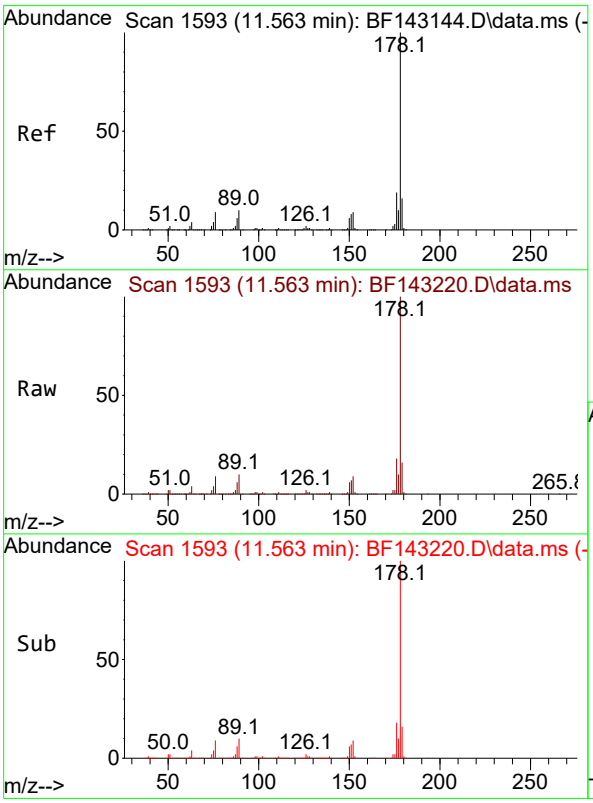
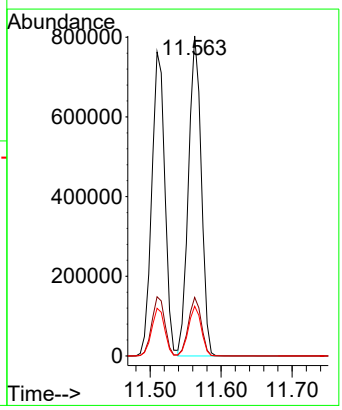
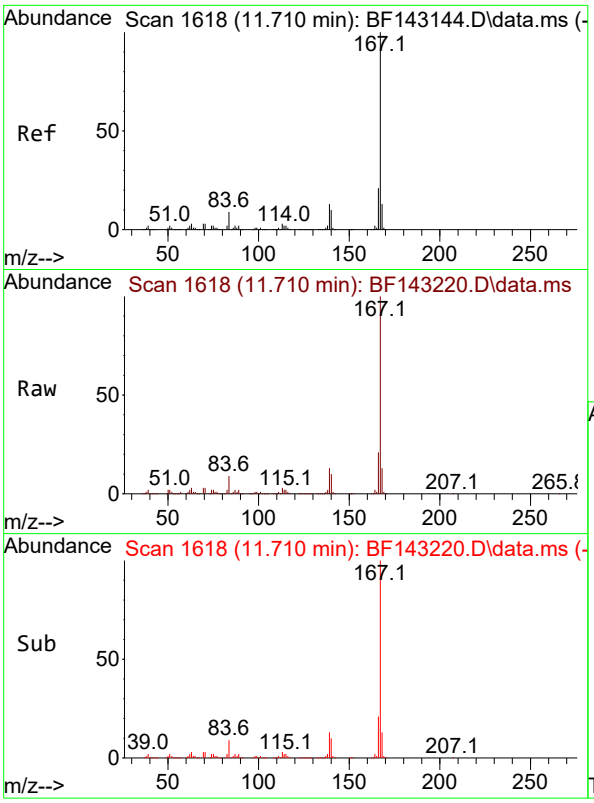


#72
Anthracene
Concen: 42.442 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:178 Resp: 1005804

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	15.6	12.5	18.7

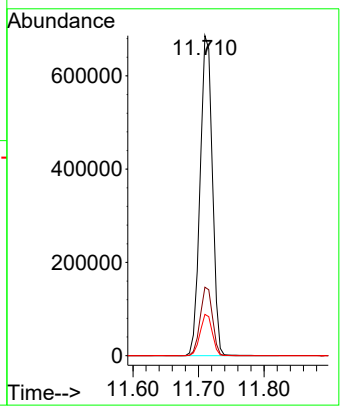




#73
Carbazole
Concen: 43.359 ng
RT: 11.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:167 Resp: 89723

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.6
139	12.9	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
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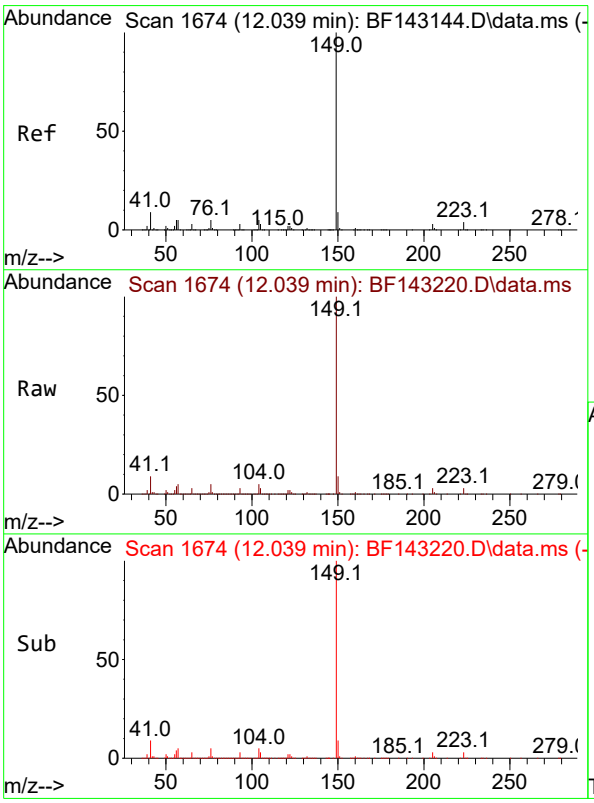
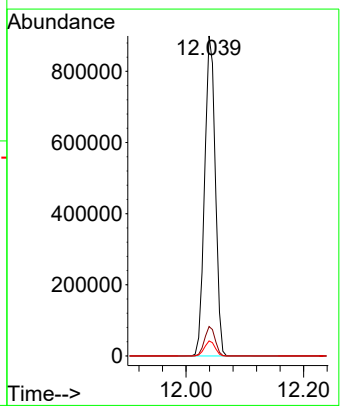
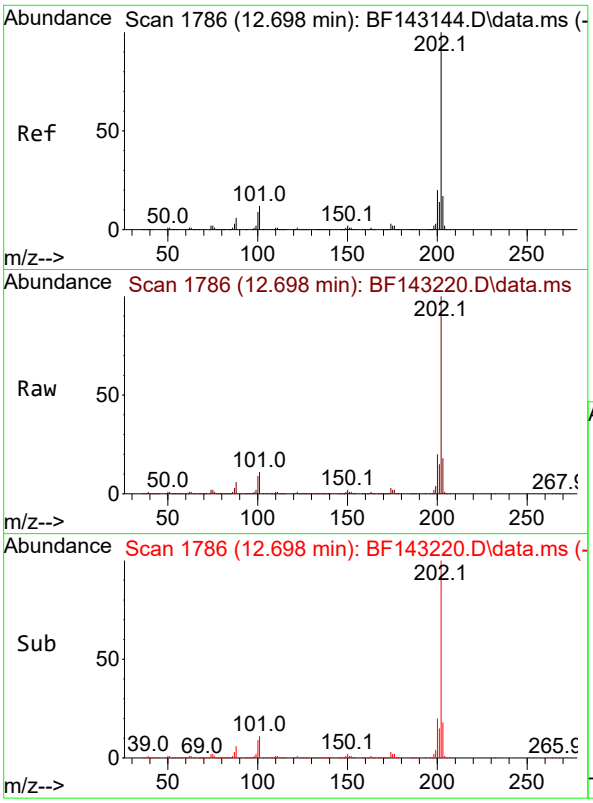


#74
Di-n-butylphthalate
Concen: 48.165 ng
RT: 12.039 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:149 Resp: 1127752

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.7	3.8	5.8

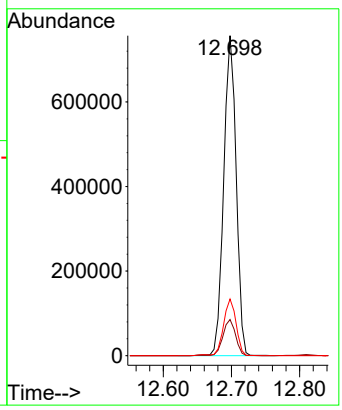




#75
Fluoranthene
Concen: 45.156 ng
RT: 12.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:202 Resp: 96308

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.7
203	17.7	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
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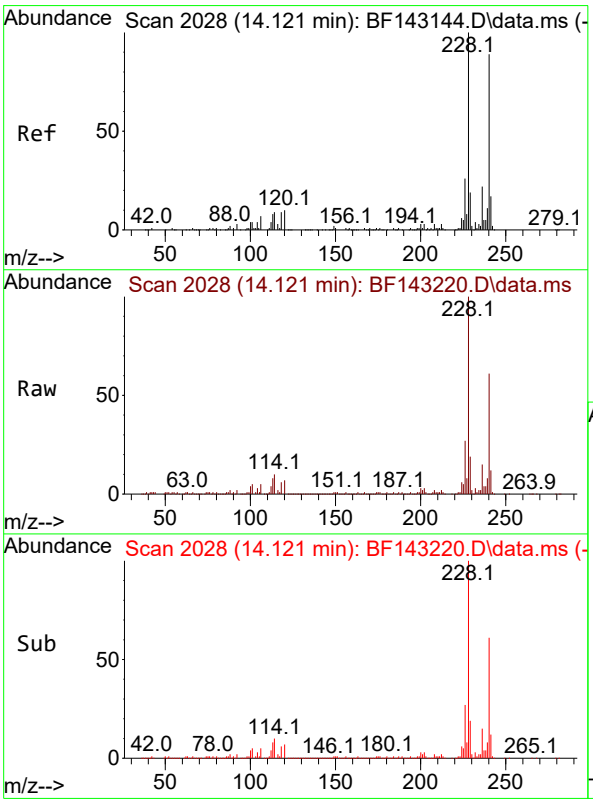
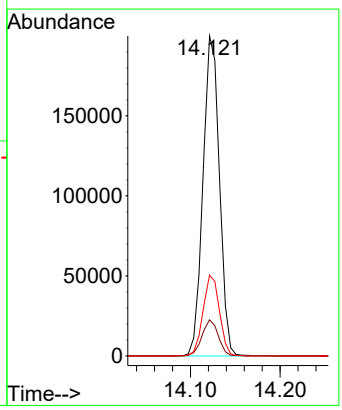
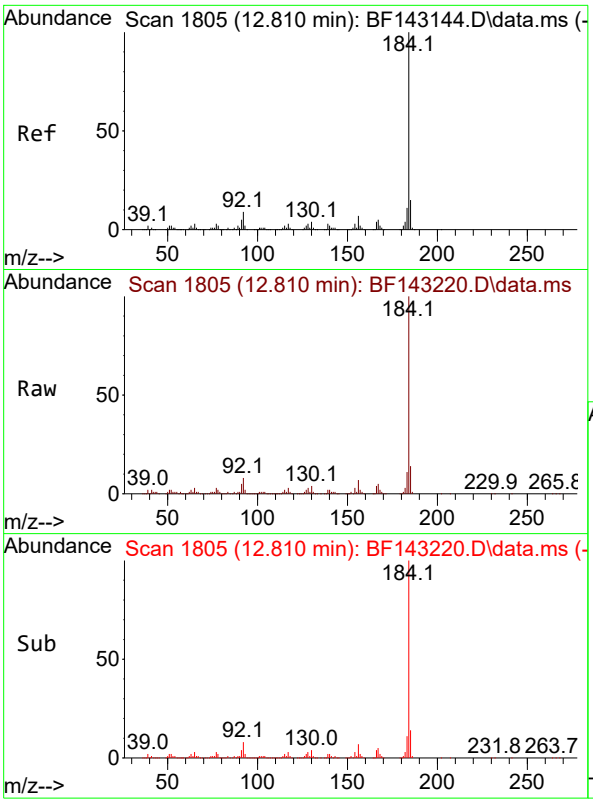


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:240 Resp: 254287

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.4	14.2
236	25.2	20.2	30.4

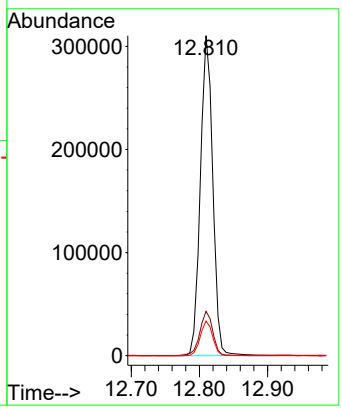




#77
Benzidine
Concen: 40.172 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:184 Resp: 39356

Ion	Ratio	Lower	Upper
184	100		
185	13.8	12.2	18.4
183	10.8	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
WC-3MSD

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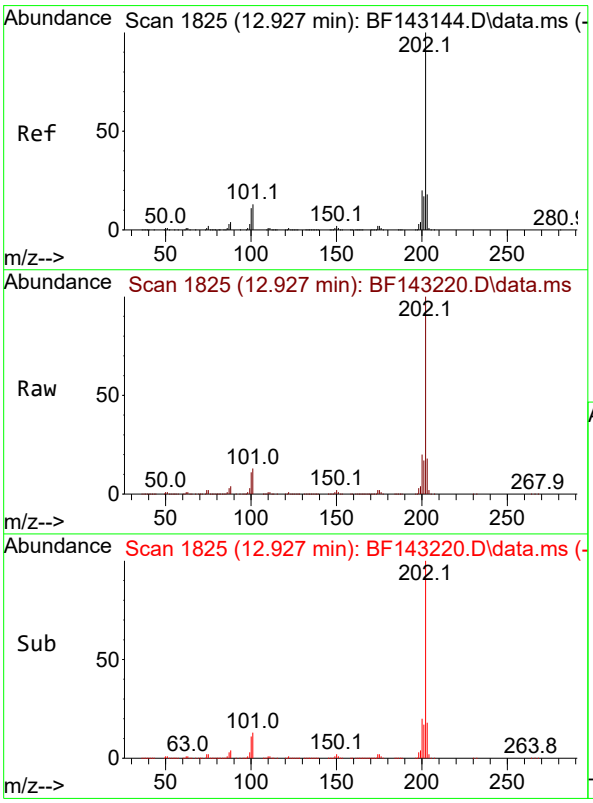
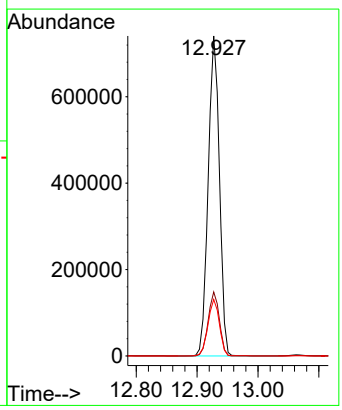
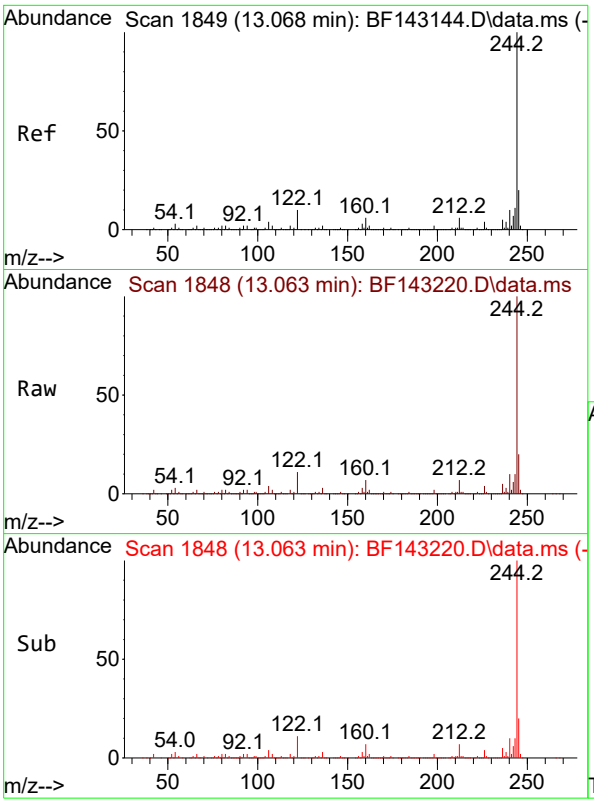


#78
Pyrene
Concen: 43.758 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:202 Resp: 949631

Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.7	23.5
203	17.7	14.2	21.2

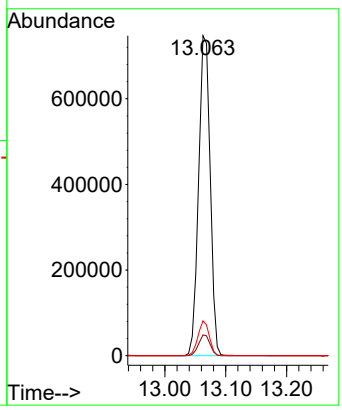




#79
Terphenyl-d14
Concen: 57.837 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:244 Resp: 98831

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	10.9	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Manual Integrations
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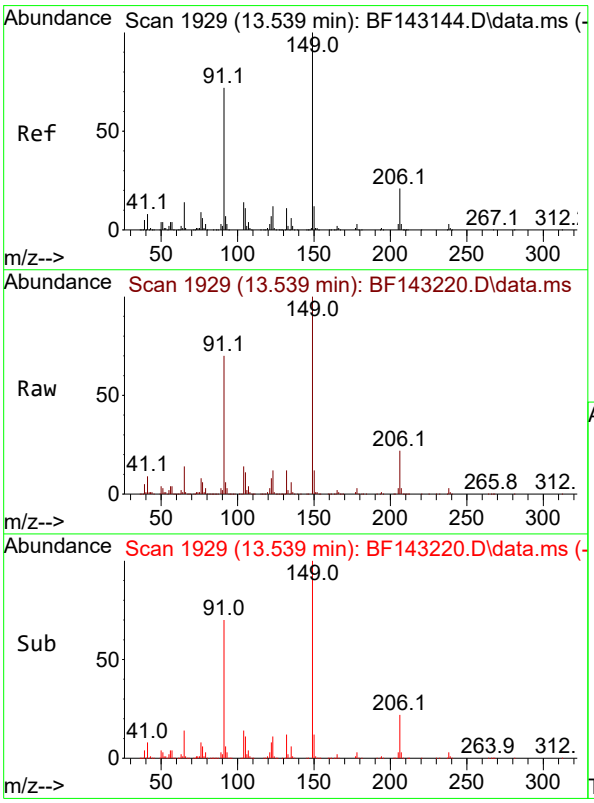
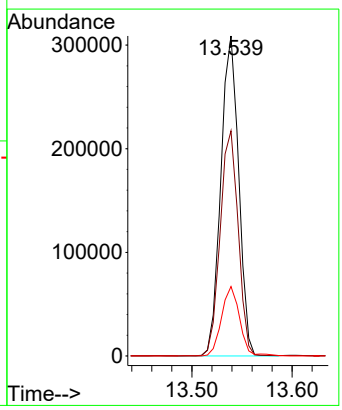
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

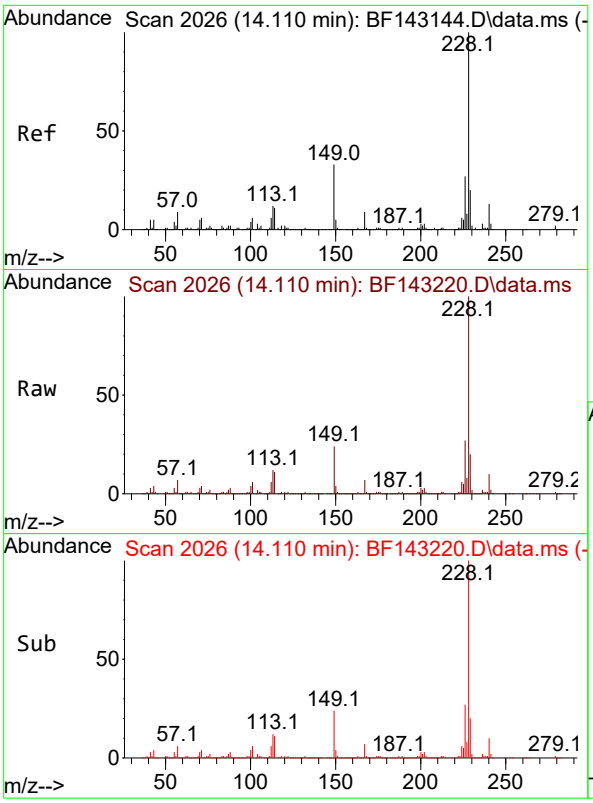


#80
Butylbenzylphthalate
Concen: 57.335 ng
RT: 13.539 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:149 Resp: 381019

Ion	Ratio	Lower	Upper
149	100		
91	70.4	57.9	86.9
206	21.7	17.0	25.4

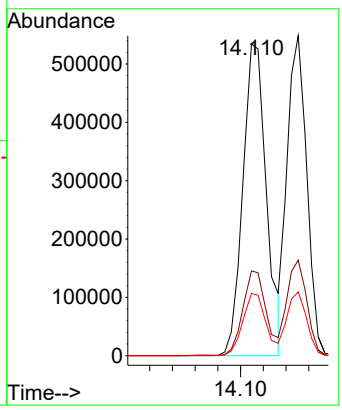




#81
Benzo(a)anthracene
Concen: 45.266 ng
RT: 14.110 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:228 Resp: 77063

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.7	32.5
229	20.0	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Manual Integrations
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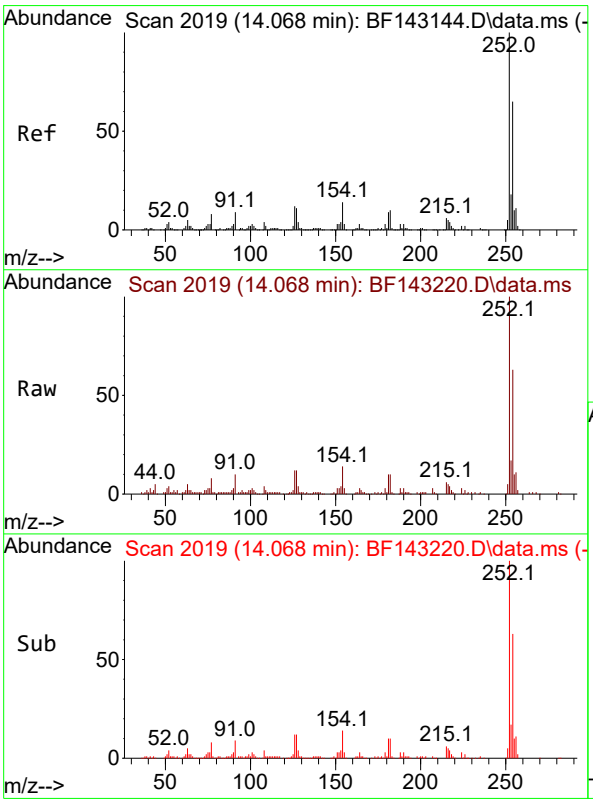
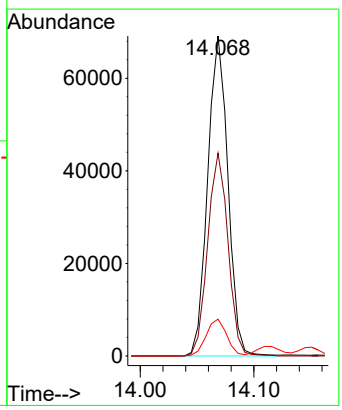
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

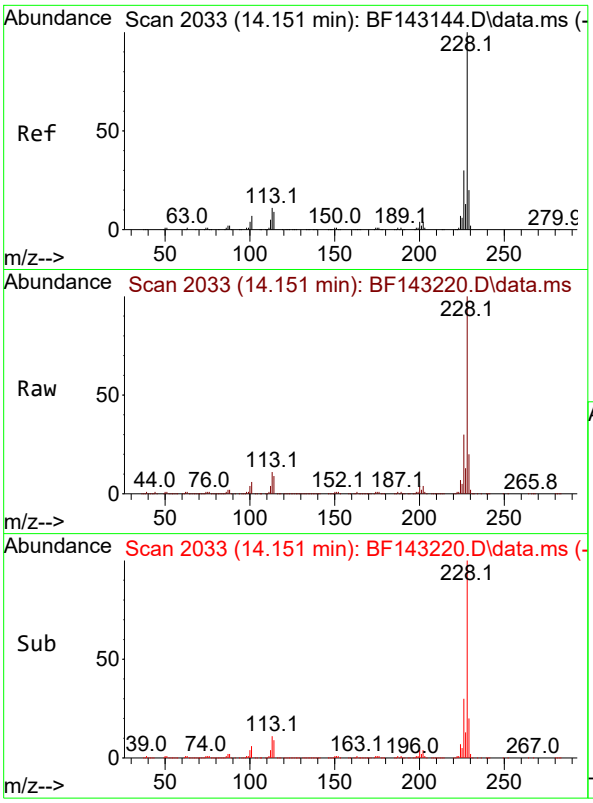


#82
3,3'-Dichlorobenzidine
Concen: 15.057 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:252 Resp: 85433

Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.7	77.5
126	11.5	9.4	14.0

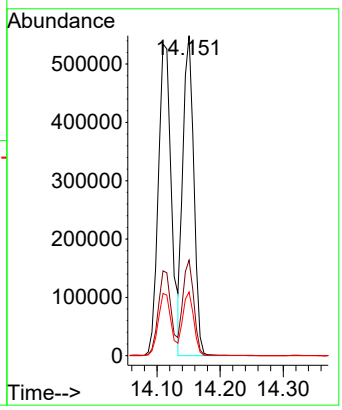




#83
Chrysene
Concen: 43.184 ng
RT: 14.151 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:228 Resp: 66100

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.9	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Manual Integrations
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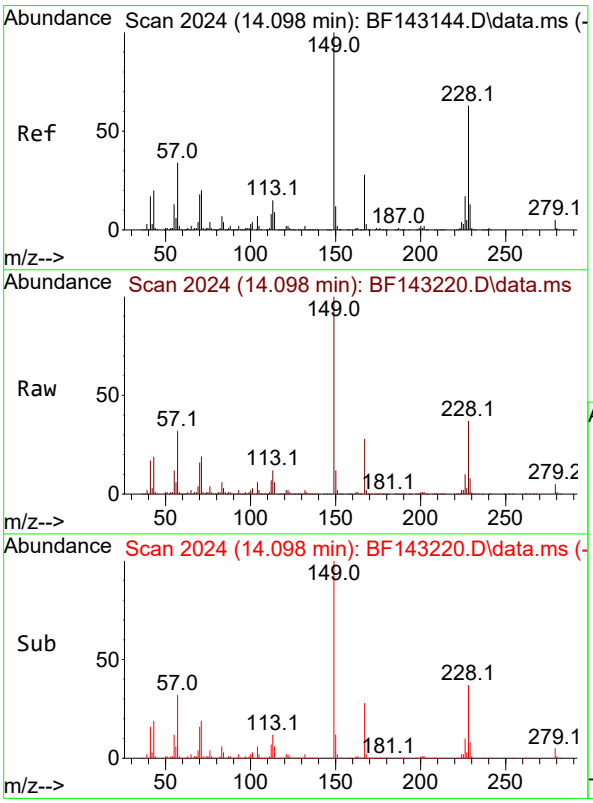
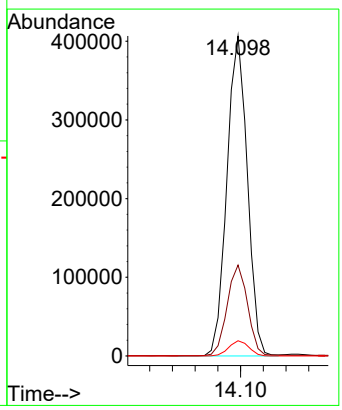
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

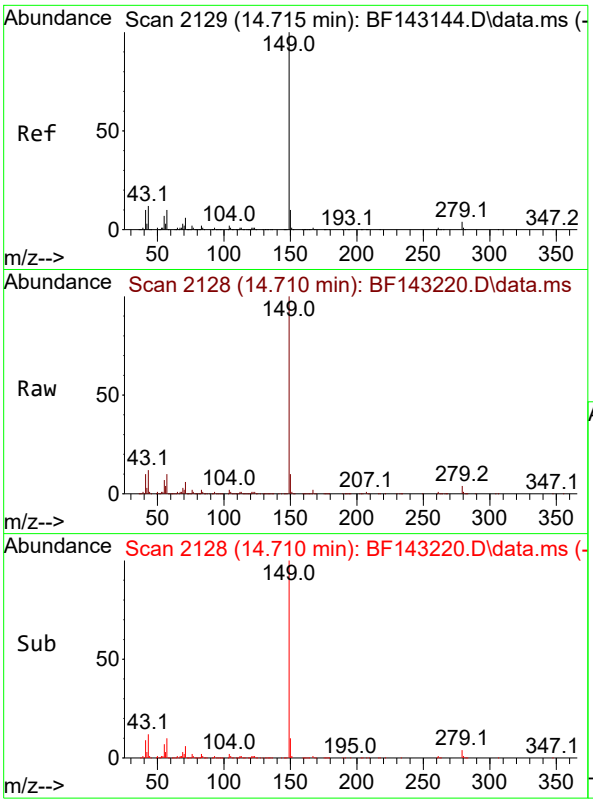


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.487 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:149 Resp: 507821

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.3	33.5
279	4.8	3.6	5.4

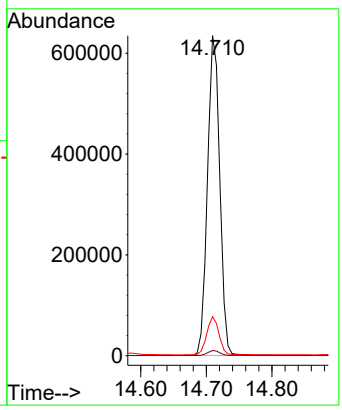




#85
Di-n-octyl phthalate
Concen: 45.375 ng
RT: 14.710 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:149 Resp: 82728

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.9	9.7	14.5



Instrument :
BNA_F
ClientSampleId :
WC-3MSD

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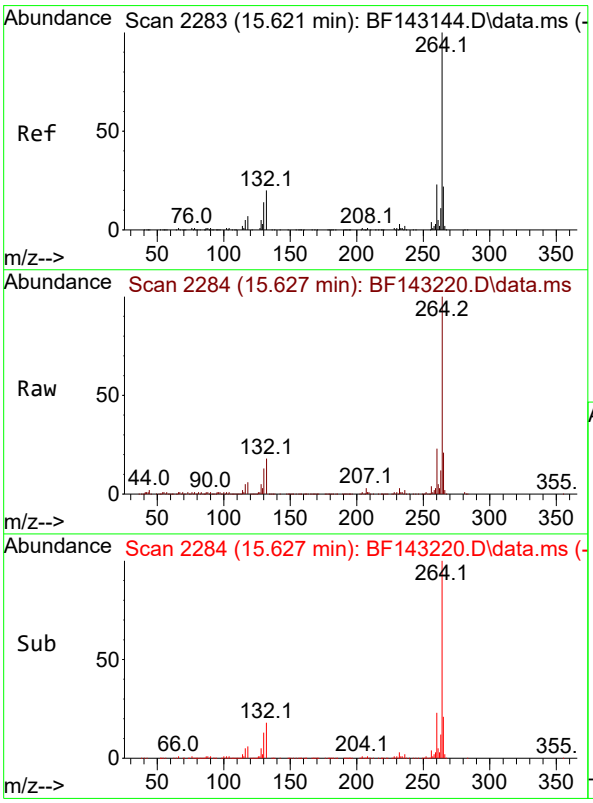
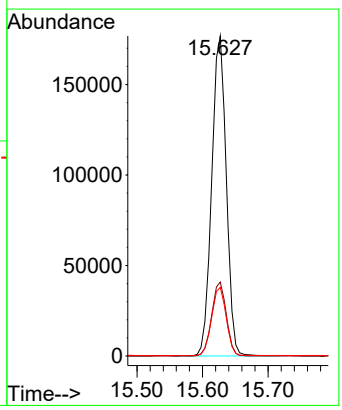
Supervised By :Jagrut Upadhyay 07/24/2025

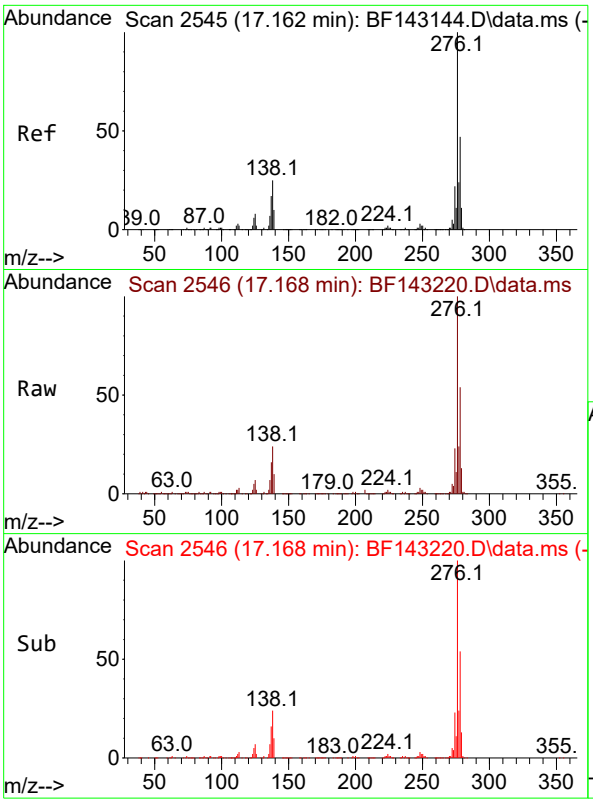


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:264 Resp: 273112

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.5	17.4	26.2

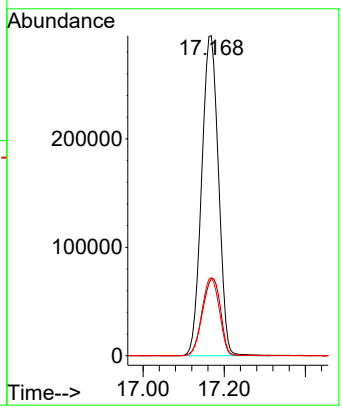




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.993 ng
RT: 17.168 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:276 Resp: 84722

Ion	Ratio	Lower	Upper
276	100		
138	25.9	21.8	32.6
277	25.2	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
WC-3MSD

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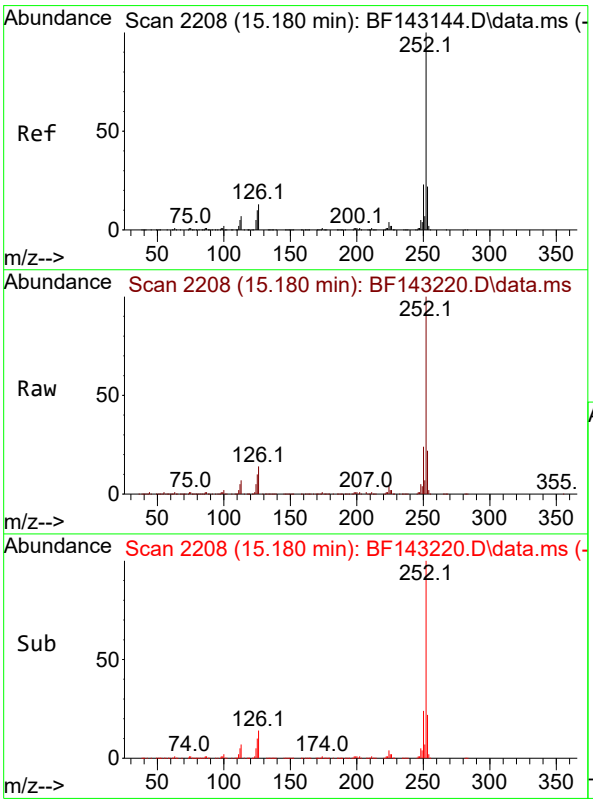
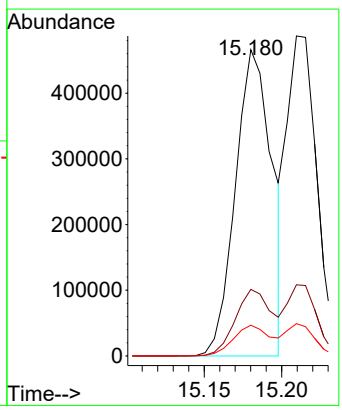
Supervised By :Jagrut Upadhyay 07/24/2025

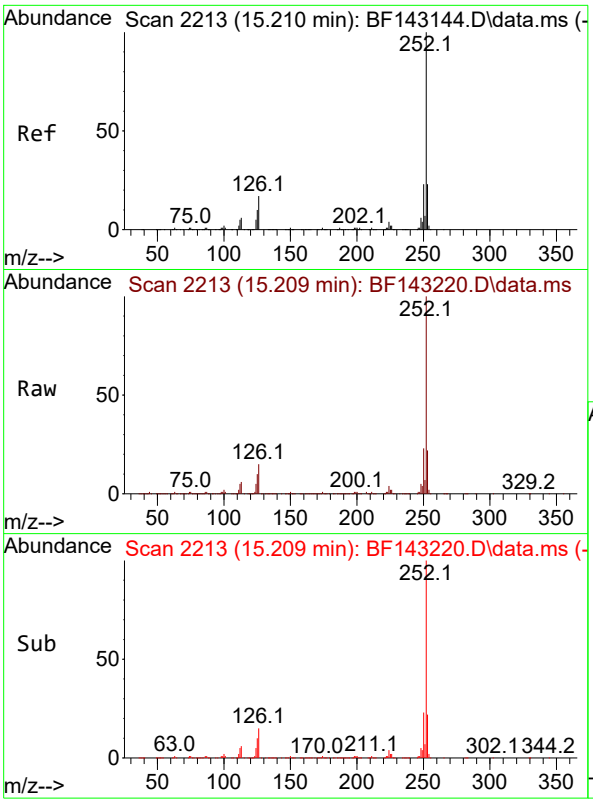


#88
Benzo(b)fluoranthene
Concen: 45.853 ng
RT: 15.180 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:252 Resp: 765048

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	10.0	8.0	12.0

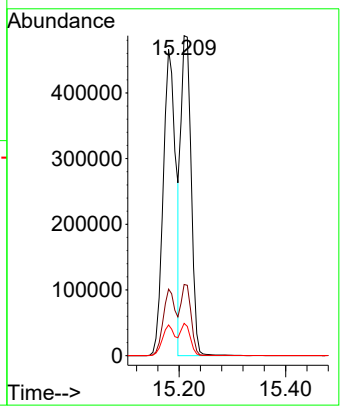




#89
Benzo(k)fluoranthene
Concen: 43.598 ng
RT: 15.209 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:252 Resp: 64911

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	10.1	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
WC-3MSD

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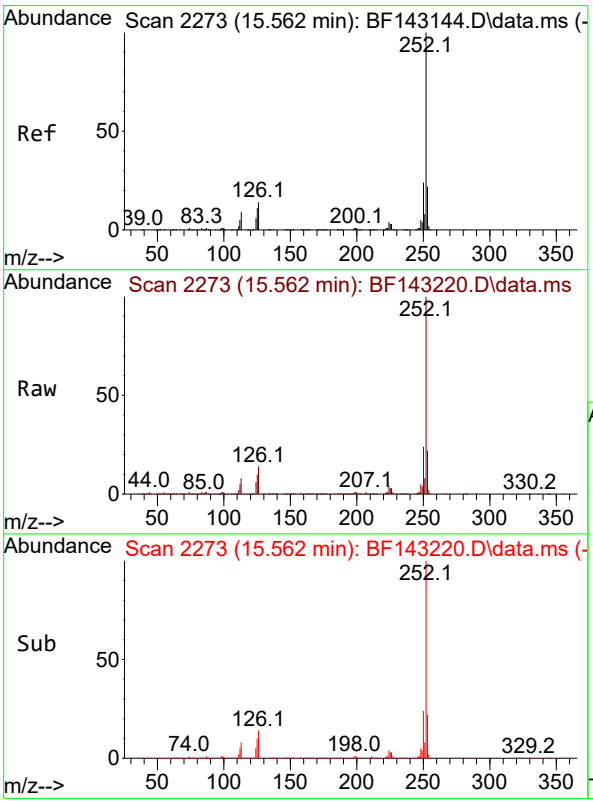
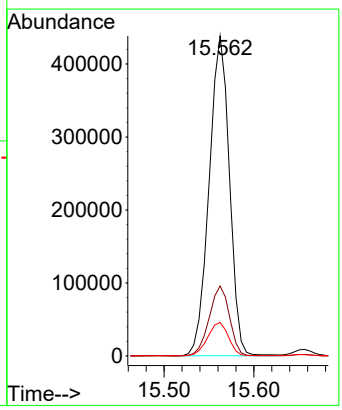
Supervised By :Jagrut Upadhyay 07/24/2025

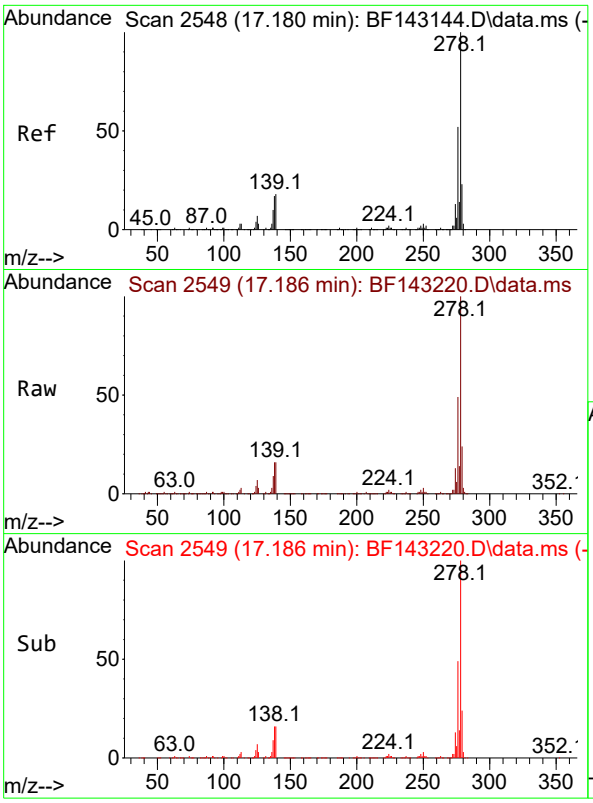


#90
Benzo(a)pyrene
Concen: 44.834 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:252 Resp: 689200

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	10.4	8.6	13.0

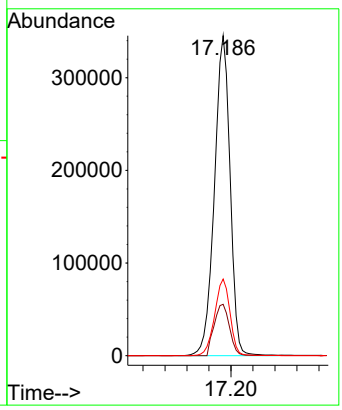




#91
Dibenzo(a,h)anthracene
Concen: 43.623 ng
RT: 17.186 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:278 Resp: 68378

Ion	Ratio	Lower	Upper
278	100		
139	16.1	14.1	21.1
279	24.0	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Manual Integrations
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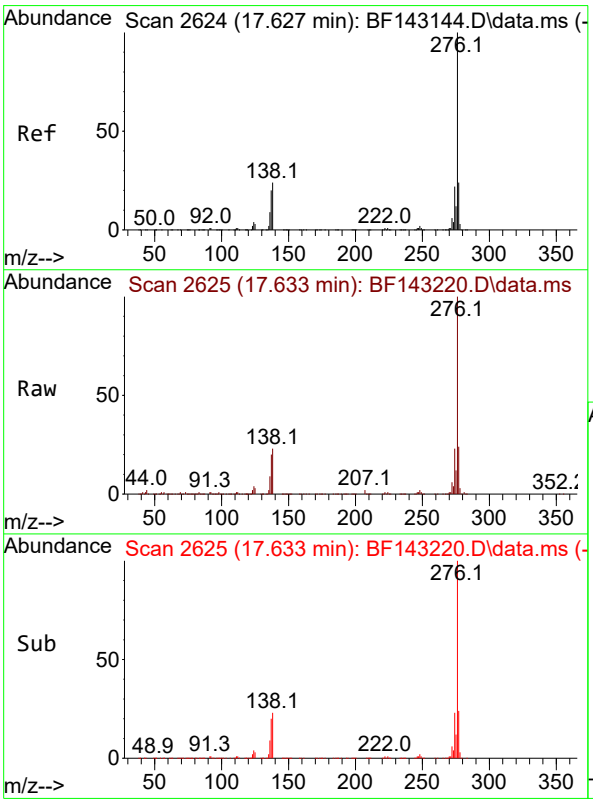
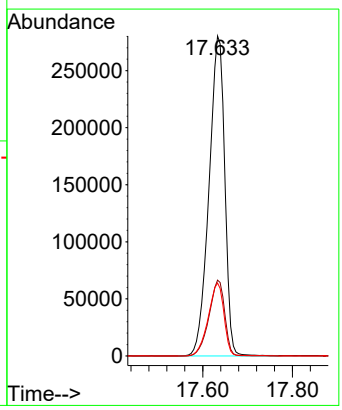
Supervised By :Jagrut Upadhyay 07/24/2025



#92
Benzo(g,h,i)perylene
Concen: 45.080 ng
RT: 17.633 min Scan# 2625
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:276 Resp: 683531

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	22.8	18.9	28.3



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Manual Integration Report

Sequence:	BF071725	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF143141.D	Nitrobenzene-d5	Rahul	7/18/2025 10:30:25 AM	Jagrut	7/18/2025 1:30:07 PM	Peak Integrated by Software
SSTDICC010	BF143142.D	Benzoic acid	Rahul	7/18/2025 10:30:28 AM	Jagrut	7/18/2025 1:30:09 PM	Peak Integrated by Software
SSTDICC010	BF143142.D	Nitrobenzene-d5	Rahul	7/18/2025 10:30:28 AM	Jagrut	7/18/2025 1:30:09 PM	Peak Integrated by Software
SSTDICC010	BF143142.D	Phenol	Rahul	7/18/2025 10:30:28 AM	Jagrut	7/18/2025 1:30:09 PM	Peak Integrated by Software
SSTDICC020	BF143143.D	Benzoic acid	Rahul	7/18/2025 10:30:30 AM	Jagrut	7/18/2025 1:30:11 PM	Peak Integrated by Software
SSTDICC020	BF143143.D	Nitrobenzene-d5	Rahul	7/18/2025 10:30:30 AM	Jagrut	7/18/2025 1:30:11 PM	Peak Integrated by Software
SSTDICC020	BF143143.D	Phenol	Rahul	7/18/2025 10:30:30 AM	Jagrut	7/18/2025 1:30:11 PM	Peak Integrated by Software
SSTDICCC040	BF143144.D	Benzoic acid	Rahul	7/18/2025 10:30:33 AM	Jagrut	7/18/2025 1:30:14 PM	Peak Integrated by Software
SSTDICCC040	BF143144.D	Phenol	Rahul	7/18/2025 10:30:33 AM	Jagrut	7/18/2025 1:30:14 PM	Peak Integrated by Software
SSTDICC050	BF143145.D	Benzoic acid	Rahul	7/18/2025 10:30:35 AM	Jagrut	7/18/2025 1:30:16 PM	Peak Integrated by Software
SSTDICC050	BF143145.D	Phenol	Rahul	7/18/2025 10:30:35 AM	Jagrut	7/18/2025 1:30:16 PM	Peak Integrated by Software
SSTDICC060	BF143146.D	Phenol	Rahul	7/18/2025 10:30:38 AM	Jagrut	7/18/2025 1:30:19 PM	Peak Integrated by Software
SSTDICC080	BF143147.D	Benzoic acid	Rahul	7/18/2025 10:30:41 AM	Jagrut	7/18/2025 1:30:22 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BF071725	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC080	BF143147.D	Phenol	Rahul	7/18/2025 10:30:41 AM	Jagrut	7/18/2025 1:30:22 PM	Peak Integrated by Software
SSTDICV040	BF143148.D	Phenol	Rahul	7/18/2025 10:30:44 AM	Jagrut	7/18/2025 1:30:24 PM	Peak Integrated by Software
SSTDCCC040	BF143157.D	Phenol	Rahul	7/18/2025 10:31:02 AM	Jagrut	7/18/2025 1:30:41 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BF072325	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB168948BS	BF143215.D	Caprolactam	Rahul	7/24/2025 10:38:14 AM	Jagrut	7/24/2025 12:02:19 PM	Peak Integrated by Software
Q2649-09MS	BF143219.D	Caprolactam	Rahul	7/24/2025 10:38:16 AM	Jagrut	7/24/2025 12:02:22 PM	Peak Integrated by Software
Q2649-09MSD	BF143220.D	Caprolactam	Rahul	7/24/2025 10:38:19 AM	Jagrut	7/24/2025 12:02:24 PM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF071725

Review By	Rahul	Review On	7/18/2025 11:02:11 AM				
Supervise By	Jagrut	Supervise On	7/18/2025 1:30:54 PM				
SubDirectory	BF071725	HP Acquire Method	BNA_F		HP Processing Method	bf071725	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143138.D	17 Jul 2025 09:58	RC/JU	Ok
2	SSTDCCC040	BF143139.D	17 Jul 2025 10:28	RC/JU	Not Ok
3	SSTDICC2.5	BF143140.D	17 Jul 2025 11:04	RC/JU	Ok
4	SSTDICC005	BF143141.D	17 Jul 2025 11:34	RC/JU	Ok,M
5	SSTDICC010	BF143142.D	17 Jul 2025 12:04	RC/JU	Ok,M
6	SSTDICC020	BF143143.D	17 Jul 2025 12:34	RC/JU	Ok,M
7	SSTDICCC040	BF143144.D	17 Jul 2025 13:03	RC/JU	Ok,M
8	SSTDICC050	BF143145.D	17 Jul 2025 13:33	RC/JU	Ok,M
9	SSTDICC060	BF143146.D	17 Jul 2025 14:04	RC/JU	Ok,M
10	SSTDICC080	BF143147.D	17 Jul 2025 14:34	RC/JU	Ok,M
11	SSTDICV040	BF143148.D	17 Jul 2025 15:06	RC/JU	Ok,M
12	PB168813BL	BF143149.D	17 Jul 2025 15:36	RC/JU	Ok
13	Q2126-03	BF143150.D	17 Jul 2025 16:06	RC/JU	Ok,M
14	Q2126-03	BF143151.D	17 Jul 2025 16:36	RC/JU	Ok,M
15	Q2126-09	BF143152.D	17 Jul 2025 17:07	RC/JU	Ok,M
16	Q2126-09	BF143153.D	17 Jul 2025 17:37	RC/JU	Ok,M
17	PB168816BL	BF143154.D	17 Jul 2025 18:07	RC/JU	Ok
18	PB167904BL	BF143155.D	17 Jul 2025 18:37	RC/JU	Ok
19	PB167904BS	BF143156.D	17 Jul 2025 19:07	RC/JU	Ok,M
20	SSTDCCC040	BF143157.D	17 Jul 2025 19:37	RC/JU	Ok,M

M : Manual Integration

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 # BF072325

Review By	Rahul	Review On	7/24/2025 10:37:52 AM		
Supervise By	Jagrut	Supervise On	7/24/2025 12:02:50 PM		
SubDirectory	BF072325	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143209.D	23 Jul 2025 13:34	RC/JU	Ok
2	SSTDCCC040	BF143210.D	23 Jul 2025 14:33	RC/JU	Ok
3	PB168926TB	BF143211.D	23 Jul 2025 15:02	RC/JU	Ok
4	PB168929BS	BF143212.D	23 Jul 2025 15:31	RC/JU	Ok,M
5	PB168954BS	BF143213.D	23 Jul 2025 16:00	RC/JU	Ok,M
6	PB168948BL	BF143214.D	23 Jul 2025 16:30	RC/JU	Ok
7	PB168948BS	BF143215.D	23 Jul 2025 16:59	RC/JU	Ok,M
8	Q2645-02	BF143216.D	23 Jul 2025 17:28	RC/JU	Ok
9	Q2649-05	BF143217.D	23 Jul 2025 17:57	RC/JU	Ok
10	Q2649-09	BF143218.D	23 Jul 2025 18:26	RC/JU	Ok
11	Q2649-09MS	BF143219.D	23 Jul 2025 18:56	RC/JU	Ok,M
12	Q2649-09MSD	BF143220.D	23 Jul 2025 19:25	RC/JU	Ok,M
13	SSTDCCC040	BF143221.D	23 Jul 2025 19:54	RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP
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 # BF071725

Review By	Rahul	Review On	7/18/2025 11:02:11 AM		
Supervise By	Jagrut	Supervise On	7/18/2025 1:30:54 PM		
SubDirectory	BF071725	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/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	BF143138.D	17 Jul 2025 09:58		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143139.D	17 Jul 2025 10:28	A Fresh Calibration is required.	RC/JU	Not Ok
3	SSTDICC2.5	SSTDICC2.5	BF143140.D	17 Jul 2025 11:04		RC/JU	Ok
4	SSTDICC005	SSTDICC005	BF143141.D	17 Jul 2025 11:34		RC/JU	Ok,M
5	SSTDICC010	SSTDICC010	BF143142.D	17 Jul 2025 12:04		RC/JU	Ok,M
6	SSTDICC020	SSTDICC020	BF143143.D	17 Jul 2025 12:34		RC/JU	Ok,M
7	SSTDICCC040	SSTDICCC040	BF143144.D	17 Jul 2025 13:03	Compound #32,54,65 Kept on LR	RC/JU	Ok,M
8	SSTDICC050	SSTDICC050	BF143145.D	17 Jul 2025 13:33		RC/JU	Ok,M
9	SSTDICC060	SSTDICC060	BF143146.D	17 Jul 2025 14:04		RC/JU	Ok,M
10	SSTDICC080	SSTDICC080	BF143147.D	17 Jul 2025 14:34	Compound#77 removed from 80 ppm	RC/JU	Ok,M
11	SSTDICV040	ICVBF071725	BF143148.D	17 Jul 2025 15:06		RC/JU	Ok,M
12	PB168813BL	PB168813BL	BF143149.D	17 Jul 2025 15:36		RC/JU	Ok
13	Q2126-03	MDL-SOIL-03-QT2-202	BF143150.D	17 Jul 2025 16:06	MDL-SOIL 4 ppm	RC/JU	Ok,M
14	Q2126-03	MDL-SOIL-03-QT2-202	BF143151.D	17 Jul 2025 16:36	MDL-SOIL 8 ppm	RC/JU	Ok,M
15	Q2126-09	MDL-WATER-03-QT2-2	BF143152.D	17 Jul 2025 17:07	MDL-WATER 4 ppm	RC/JU	Ok,M
16	Q2126-09	MDL-WATER-03-QT2-2	BF143153.D	17 Jul 2025 17:37	MDL-WATER 8 ppm	RC/JU	Ok,M
17	PB168816BL	PB168816BL	BF143154.D	17 Jul 2025 18:07		RC/JU	Ok

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 # BF071725

Review By	Rahul	Review On	7/18/2025 11:02:11 AM		
Supervise By	Jagrut	Supervise On	7/18/2025 1:30:54 PM		
SubDirectory	BF071725	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	PB167904BL	PB167904BL	BF143155.D	17 Jul 2025 18:37		RC/JU	Ok
19	PB167904BS	PB167904BS	BF143156.D	17 Jul 2025 19:07		RC/JU	Ok,M
20	SSTDCCC040	SSTDCCC040EC	BF143157.D	17 Jul 2025 19:37		RC/JU	Ok,M

M : Manual Integration

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 # BF072325

Review By	Rahul	Review On	7/24/2025 10:37:52 AM		
Supervise By	Jagrut	Supervise On	7/24/2025 12:02:50 PM		
SubDirectory	BF072325	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/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	BF143209.D	23 Jul 2025 13:34		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143210.D	23 Jul 2025 14:33		RC/JU	Ok
3	PB168926TB	PB168926TB	BF143211.D	23 Jul 2025 15:02		RC/JU	Ok
4	PB168929BS	PB168929BS	BF143212.D	23 Jul 2025 15:31		RC/JU	Ok,M
5	PB168954BS	PB168954BS	BF143213.D	23 Jul 2025 16:00		RC/JU	Ok,M
6	PB168948BL	PB168948BL	BF143214.D	23 Jul 2025 16:30		RC/JU	Ok
7	PB168948BS	PB168948BS	BF143215.D	23 Jul 2025 16:59		RC/JU	Ok,M
8	Q2645-02	RW5B-CARBON-2025(	BF143216.D	23 Jul 2025 17:28	Surrogate Fail	RC/JU	Ok
9	Q2649-05	WC-2	BF143217.D	23 Jul 2025 17:57		RC/JU	Ok
10	Q2649-09	WC-3	BF143218.D	23 Jul 2025 18:26		RC/JU	Ok
11	Q2649-09MS	WC-3MS	BF143219.D	23 Jul 2025 18:56		RC/JU	Ok,M
12	Q2649-09MSD	WC-3MSD	BF143220.D	23 Jul 2025 19:25		RC/JU	Ok,M
13	SSTDCCC040	SSTDCCC040EC	BF143221.D	23 Jul 2025 19:54		RC/JU	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/21/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 07/18/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 07/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136542

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2637-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q2637-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q2637-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q2637-10	SVOC-GPC2-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q2637-11	PEST-GPC2-BLANK	5	1.00	1.00	2.00	2.00	100.0	
Q2637-12	PEST-GPC2-BLANK-SPIKE	6	1.00	1.00	2.00	2.00	100.0	
Q2638-01	OU4-TS-31-071725	7	1.15	10.44	11.59	8.29	68.4	
Q2638-03	OU4-TS-32-071725	8	1.14	10.41	11.55	7.92	65.1	
Q2638-05	OU4-TS-33-071725	9	1.12	10.69	11.81	8.04	64.7	
Q2638-07	OU4-TS-34-071725	10	1.18	10.81	11.99	8.58	68.5	
Q2638-09	OU4-TS-35-071725	11	1.18	10.24	11.42	9.62	82.4	
Q2638-11	OU4-TS-36-071725	12	1.16	10.22	11.38	9.53	81.9	
Q2638-13	OU4-TS-37-071725	13	1.14	10.27	11.41	9.48	81.2	
Q2639-01	OU4-TS-38-071725	14	1.16	10.58	11.74	9.69	80.6	
Q2639-03	OU4-TS-39-071725	15	1.12	10.64	11.76	9.74	81.0	
Q2639-05	OU4-TS-40-071725	16	1.16	10.23	11.39	9.42	80.7	
Q2639-07	OU4-TS-41-071725	17	1.18	10.20	11.38	9.54	82.0	
Q2639-09	OU4-TS-42-071725	18	1.19	10.34	11.53	7.42	60.3	
Q2639-11	OU4-TS-43-071725	19	1.19	10.67	11.86	7.38	58.0	
Q2639-13	OU4-TS-44-071725	20	1.12	10.87	11.99	8.18	64.9	
Q2641-01	P001-CONCRETE001-01	21	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q2645-02	RW5B-CARBON-20250716	22	1.17	10.52	11.69	8.39	68.6	
Q2648-01	A3	23	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2648-02	A4	24	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2648-03	B2	25	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2648-04	B3	26	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2648-05	B4	27	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2651-01	MH 2-1	28	1.18	10.67	11.85	11.26	94.5	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/21/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 07/18/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 07/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136542

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2651-02	MH 6-5	29	1.15	10.40	11.55	10.9	93.8	
Q2651-03	MH 7-6	30	1.12	10.20	11.32	10.7	93.9	
Q2651-04	MH 8-7	31	1.13	10.44	11.57	11.01	94.6	
Q2651-05	MH 9-8	32	1.13	10.27	11.4	10.67	92.9	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

Q2645-SVOC-TCL BNA -20

WORKLIST(Hardcopy Internal Chain)

WM 136542

WorkList Name : %1-071825 **WorkList ID :** 190813 **Department :** Wet-Chemistry **Date :** 07-18-2025 07:56:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2637-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/11/2025	Chemtech -SO
Q2637-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/11/2025	Chemtech -SO
Q2637-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/11/2025	Chemtech -SO
Q2637-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/11/2025	Chemtech -SO
Q2637-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/11/2025	Chemtech -SO
Q2637-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/11/2025	Chemtech -SO
Q2638-01	OU4-TS-31-071725	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/11/2025	Chemtech -SO
Q2638-03	OU4-TS-32-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O21	07/17/2025	Chemtech -SO
Q2638-05	OU4-TS-33-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O21	07/17/2025	Chemtech -SO
Q2638-07	OU4-TS-34-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O21	07/17/2025	Chemtech -SO
Q2638-09	OU4-TS-35-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O21	07/17/2025	Chemtech -SO
Q2638-11	OU4-TS-36-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O21	07/17/2025	Chemtech -SO
Q2638-13	OU4-TS-37-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O21	07/17/2025	Chemtech -SO
Q2639-01	OU4-TS-38-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O21	07/17/2025	Chemtech -SO
Q2639-03	OU4-TS-39-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O13	07/17/2025	Chemtech -SO
Q2639-05	OU4-TS-40-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O13	07/17/2025	Chemtech -SO
Q2639-07	OU4-TS-41-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O13	07/17/2025	Chemtech -SO
Q2639-09	OU4-TS-42-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O13	07/17/2025	Chemtech -SO
Q2639-11	OU4-TS-43-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O13	07/17/2025	Chemtech -SO
Q2639-13	OU4-TS-44-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O13	07/17/2025	Chemtech -SO
Q2641-01	P001-CONCRETE001-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	O22	07/16/2025	Chemtech -SO

764 of 1379

Date/Time 07/18/25 15:30

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 07/18/25 17:35

Raw Sample Received by:

Raw Sample Relinquished by:

WORKLIST(Hardcopy Internal Chain)

VB 136542

WorkList Name : %1-071825 **WorkList ID :** 190813 **Department :** Wet-Chemistry **Date :** 07-18-2025 07:56:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2645-02	RW5B-CARBON-20250716	Solid	Percent Solids	Cool 4 deg C	TETR06	O41	07/16/2025	Chemtech -SO
Q2648-01	A3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/18/2025	Chemtech -SO
Q2648-02	A4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/18/2025	Chemtech -SO
Q2648-03	B2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/18/2025	Chemtech -SO
Q2648-04	B3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/18/2025	Chemtech -SO
Q2648-05	B4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/18/2025	Chemtech -SO
Q2651-01	MH 2-1	Solid	Percent Solids	Cool 4 deg C	EARTH03	O22	07/17/2025	Chemtech -SO
Q2651-02	MH 6-5	Solid	Percent Solids	Cool 4 deg C	EARTH03	O22	07/17/2025	Chemtech -SO
Q2651-03	MH 7-6	Solid	Percent Solids	Cool 4 deg C	EARTH03	O22	07/17/2025	Chemtech -SO
Q2651-04	MH 8-7	Solid	Percent Solids	Cool 4 deg C	EARTH03	O22	07/17/2025	Chemtech -SO
Q2651-05	MH 9-8	Solid	Percent Solids	Cool 4 deg C	EARTH03	O22	07/17/2025	Chemtech -SO

Date/Time 07/18/25 15:00

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 07/18/25 17:35

Raw Sample Received by:

Raw Sample Relinquished by:

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168948

SOP ID:	M3541-ASE Extraction-15				
Clean Up SOP #:	N/A			**Extraction Start Date :**	07/22/2025
Matrix :	Solid			**Extraction Start Time :**	10:05
Weigh By:	EH	**Extraction By:**	RS	**Extraction End Date :**	07/22/2025
Balance check:	EH	**Filter By:**	RJ	**Extraction End Time :**	13:20
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6849
Surrogate	1.0ML	100/150 PPM	SP6852
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2626
Baked Na2SO4	N/A	EP2625
Sand	N/A	E3951
Methylene Chloride	N/A	E3954
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vail Lot # 2210443,Q2660-03 used Limited volume as sample is oil debris.

KD Bath ID:	N/A	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/22/25	RS (Ext lab)	RC/SVOC
13:25	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168948

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 07/22/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168948BL	SBLK948	SVOC-TCL BNA -20	30.03	N/A	RUPESH	Evelyn	1			U1-1
PB168948BS	SLCS948	SVOC-TCL BNA -20	30.02	N/A	RUPESH	Evelyn	1			2
Q2645-02	RW5B-CARBON-20250716	SVOC-TCL BNA -20	30.02	N/A	RUPESH	Evelyn	1	B	Small Partical	3
Q2649-01	WC-1	SVOC-TCL BNA -20	50.07	N/A	RUPESH	Evelyn	1	E		4
Q2649-05	WC-2	SVOC-TCL BNA -20	50.06	N/A	RUPESH	Evelyn	1	E		5
Q2649-09	WC-3	SVOC-TCL BNA -20	50.03	N/A	RUPESH	Evelyn	1	E		6
Q2649-09MS	WC-3MS	SVOC-TCL BNA -20	50.02	N/A	RUPESH	Evelyn	1	E		U2-1
Q2649-09MSD	WC-3MSD	SVOC-TCL BNA -20	50.05	N/A	RUPESH	Evelyn	1	E		2
Q2649-13	WC-4	SVOC-TCL BNA -20	50.01	N/A	RUPESH	Evelyn	1	E		3
Q2649-17	WC-5	SVOC-TCL BNA -20	50.06	N/A	RUPESH	Evelyn	1	E		4
Q2649-21	WC-6	SVOC-TCL BNA -20	50.08	N/A	RUPESH	Evelyn	1	E		5
Q2658-01	PAD-072125-1	SVOC-PAH	50.05	N/A	RUPESH	Evelyn	1	D	Concrete	6
Q2658-02	PAD-072125-2	SVOC-PAH	50.07	N/A	RUPESH	Evelyn	1	D	Concrete	U3-1
Q2660-01	MOO-25-0205	SVOC-PAH	30.03	N/A	RUPESH	Evelyn	1	D	Small Partical	2
Q2660-03	MOO-25-0218	SVOC-PAH	5.04	N/A	RUPESH	Evelyn	2	D	Oily Debris	3

RS 7/22

* **Extracts relinquished on the same date as received.**

Q2645-SVOC-TCL BNA -20

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2649B **WorkList ID :** 190866 **Department :** Extraction **Date :** 07-22-2025 09:05:44

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2645-02	RW5B-CARBON-20250716	Solid	SVOC-TCL BNA -20	Cool 4 deg C	TETR06	O41	07/16/2025	8270E
Q2649-01	WC-1	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	07/18/2025	8270E
Q2649-05	WC-2	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	07/18/2025	8270E
Q2649-09	WC-3	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	07/18/2025	8270E
Q2649-13	WC-4	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	07/18/2025	8270E
Q2649-17	WC-5	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	07/18/2025	8270E
Q2649-21	WC-6	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	07/18/2025	8270E
Q2658-01	PAD-072125-1	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D31	07/21/2025	8270E
Q2658-02	PAD-072125-2	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D31	07/21/2025	8270E
Q2660-01	MOO-25-0205	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D31	07/21/2025	8270E
Q2660-03	MOO-25-0218	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D31	07/21/2025	8270E

Date/Time 7/22/25 10:00
Raw Sample Received by: Eh (Ext lab)
Raw Sample Relinquished by:

Date/Time 7/22/25 10:30
Raw Sample Received by:
Raw Sample Relinquished by: Eh (Ext lab)

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Prep Standard - Chemical Standard Summary

Order ID : Q2645

Test : SVOC-TCL BNA -20

Prepbatch ID : PB168948,

Sequence ID/Qc Batch ID: BF072325,

Standard ID :
EP2625,EP2626,SP6757,SP6769,SP6770,SP6832,SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840,SP6849,SP6852,

Chemical ID :
10ul/1000ul sample,E3551,E3904,E3926,E3932,E3942,E3946,E3949,E3951,E3954,S10105,S11484,S11496,S11651,S11788,S11801,S11802,S11805,S11806,S11807,S12115,S12195,S12196,S12197,S12198,S12216,S12217,S12218,S12219,S12220,S12272,S12277,S12278,S12486,S12499,S12500,S12501,S12502,S12503,S12504,S12505,S12506,S12507,S12534,S12545,S12546,S12547,S12548,S12549,S12550,S12551,S12552,S12577,S12658,S12670,S12974,S12987,S12988,S12989,S12990,S12991,S12992,S13057,S13078,S13088,S13089,S13148,S13158,S13159,S13168,S13206,S13208,S13209,S13210,S13211,

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2625	07/15/2025	12/04/2025	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 07/15/2025

FROM 4000.00000gram of E3551 = Final Quantity: 4000.000 gram

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2017	1:1 ACETONE/METHYLENE CHLORIDE	EP2626	07/15/2025	01/15/2026	RUPESHKUMAR SHAH	None	None	Riteshkumar Patel 07/15/2025

FROM 8000.00000ml of E3949 + 8000.00000ml of E3954 = Final Quantity: 16000.000 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3895	50 ug/ml DFTPP 8270E	SP6757	03/31/2025	09/30/2025	Rahul Chavli	None	None	Jagrut Upadhyay 04/01/2025

FROM 1.00000ml of S12577 + 19.00000ml of E3904 = Final Quantity: 20.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
18	Second Source Calibration Stock Standard, 100 PPM, (8270/625/CLP)	SP6769	04/10/2025	09/10/2025	Jagrut Upadhyay	None	None	Sohil Jodhani 04/16/2025

FROM 0.04000ml of S12195 + 0.08000ml of S12216 + 0.10000ml of S11788 + 0.20000ml of S12486 + 0.20000ml of S12534 + 0.20000ml of S12974 + 1.18000ml of E3926 = Final Quantity: 2.000 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
416	40 ng BNA ICV, 40 PPM	SP6770	04/10/2025	09/10/2025	Jagrut Upadhyay	None	None	Sohil Jodhani 04/16/2025

FROM 0.01000ml of S12658 + 0.60000ml of E3926 + 0.40000ml of SP6769 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4178	8270/625.1 Stock Solution-2 100 ng	SP6832	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.20000ml of S13211 + 0.26700ml of S10105 + 0.40000ml of S11496 + 0.40000ml of S12278 + 0.50000ml of S12115 + 0.50000ml of S13209 + 0.50000ml of S13210 + 0.60000ml of S12277 + 1.00000ml of S12272 + 1.00000ml of S13057 + 1.00000ml of S13078 + 1.00000ml of S13208 + 2.63300ml of E3942 = Final Quantity: 10.000 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4179	80 ng BNA ICC	SP6833	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.20000ml of E3942 + 0.80000ml of SP6832 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4180	60 ng BNA ICC	SP6834	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.40000ml of E3942 + 0.60000ml of SP6832 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4181	50 ng BNA ICC	SP6835	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.50000ml of E3942 + 0.50000ml of SP6832 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4182	40 ng BNA ICC	SP6836	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.60000ml of E3942 + 0.40000ml of SP6832 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4183	20 ng BNA ICC	SP6837	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.80000ml of E3942 + 0.20000ml of SP6832 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4184	10 ng BNA ICC	SP6838	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.90000ml of E3942 + 0.10000ml of SP6832 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4185	5 ng BNA ICC	SP6839	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.95000ml of E3942 + 0.05000ml of SP6832 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4186	2.5 ng BNA ICC	SP6840	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.50000ml of E3942 + 0.50000ml of SP6839 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
171	8270/625 Spike Solution, 50/100 PPM	SP6849	07/01/2025	09/30/2025	Rahul Chavli	None	None	Jagrut Upadhyay 07/01/2025

FROM 0.10000ml of S12507 + 0.10000ml of S13159 + 0.30000ml of S13158 + 0.40000ml of S11484 + 0.40000ml of S11651 + 0.40000ml of S11806 + 0.40000ml of S11807 + 0.40000ml of S13148 + 0.40000ml of S13206 + 0.60000ml of S13089 + 0.80000ml of S12499 + 0.90000ml of S12552 + 1.20000ml of S12504 + 1.20000ml of S12506 + 1.20000ml of S12546 + 1.30000ml of S11802 + 1.30000ml of S12501 + 1.30000ml of S12503 + 1.30000ml of S12505 + 1.30000ml of S12545 + 1.30000ml of S12547 + 1.30000ml of S12549 + 1.30000ml of S12550 + 1.30000ml of S12551 + 1.30000ml of S12988 + 1.30000ml of S12989 + 1.30000ml of S12990 + 1.30000ml of S12992 + 1.40000ml of S11805 + 1.40000ml of S12500 + 1.40000ml of S12502 + 1.40000ml of S12548 + 1.40000ml of S12987 + 1.40000ml of S12991 + 1.40000ml of S13088 + 1.50000ml of S11801 + 163.00000ml of E3932 = Final Quantity: 200.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
19	8270/CLP Surrogate Solution, 100 PPM BN/150 PPM ACID	SP6852	07/02/2025	09/18/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/02/2025

FROM 1.50000ml of S12220 + 2.00000ml of S12195 + 2.00000ml of S12197 + 2.00000ml of S12216 + 5.50000ml of S12196 + 5.50000ml of S12198 + 5.50000ml of S12217 + 5.50000ml of S12218 + 5.50000ml of S12219 + 965.00000ml of E3946 = Final Quantity: 1000.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	313201	12/04/2025	01/03/2024 / Rajesh	07/20/2023 / Rajesh	E3551

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	24K1762005	01/07/2026	03/13/2025 / RUPESH	12/27/2024 / RUPESH	E3904

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25A0262002	10/08/2025	04/08/2025 / Rajesh	02/07/2025 / Rajesh	E3926

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	11/05/2025	05/05/2025 / RUPESH	04/23/2025 / RUPESH	E3932

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25A2862010	12/13/2025	06/13/2025 / Rajesh	02/28/2025 / Rajesh	E3942

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	05/24/2027	07/01/2025 / RUPESH	06/19/2025 / RUPESH	E3946

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	04/18/2027	07/08/2025 / RITESHKUMAR	07/03/2025 / RUPESH	E3949

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-3382-05 / Sand, Purified (cs/4x2.5kg)	25A2756718	12/31/2028	07/09/2025 / RUPESH	04/28/2020 / RUPESH	E3951

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25B1862001	03/19/2026	07/14/2025 / RUPESH	06/11/2025 / RUPESH	E3954

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-112090-04 / CLP Acid Surrogate Solution, 7500 mg/L, 1ml	440246	12/19/2025	06/19/2025 / Jagrut	12/09/2021 / Christian	S10105

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555870 / Custom Standard, 2,4-dinitrophenol Std [CS 5328-3]	A0200549	10/30/2025	04/30/2025 / Rahul	08/10/2023 / yogesh	S11484

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110094-02 / CLP Base/Neutral Surrogate Solution, 5000 mg/L, 1ml	506889	10/28/2025	04/28/2025 / Jagrut	08/11/2023 / Yogesh	S11496

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555872 / Custom Standard, pentachlorophenol Std [CS 5328-5]	A0201728	01/01/2026	07/01/2025 / Rahul	11/09/2023 / Yogesh	S11651

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0196453	09/10/2025	03/10/2025 / anahy	11/21/2023 / Rahul	S11788

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0200655	01/01/2026	07/01/2025 / Rahul	11/21/2023 / rahul	S11801

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0200655	01/01/2026	07/01/2025 / Rahul	11/21/2023 / rahul	S11802

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0200655	01/01/2026	07/01/2025 / Rahul	11/21/2023 / rahul	S11805

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0200655	12/04/2025	06/04/2025 / Jagrut	11/21/2023 / rahul	S11806

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0200655	01/01/2026	07/01/2025 / Rahul	11/21/2023 / rahul	S11807

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	z-010223-01 / 1,4-Dioxane Solution, 2,000mg/L, 1ml	454157	10/28/2025	04/28/2025 / Jagrut	03/08/2024 / Rahul	S12115

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12195

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12196

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12197

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12198

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12216

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12217

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12218

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12219

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12220

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	z-110381-01 / 8270 Calibration Solution, 76-1, 500 & 1,000 mg/L, 1ml	520963	12/03/2025	06/03/2025 / Jagrut	05/24/2024 / Rahul	S12272

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-010442-07 / Benzaldehyde Solution, 1000 mg/L, 1.3 ml, (Maximum Expiration: 90 Days)	495833	11/05/2025	05/05/2025 / Jagrut	05/24/2024 / Rahul	S12277

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-010442-07 / Benzaldehyde Solution, 1000 mg/L, 1.3 ml, (Maximum Expiration: 90 Days)	495833	12/19/2025	06/19/2025 / Jagrut	05/24/2024 / Rahul	S12278

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12486

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12499

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12500

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12501

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Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12502

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12503

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12504

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12505

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12506

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12507

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Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	10/10/2025	04/10/2025 / Jagrut	07/23/2024 / RAHUL	S12534

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	12/04/2025	06/04/2025 / Jagrut	07/23/2024 / RAHUL	S12545

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12546

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12547

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12548

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12549

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Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12550

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12551

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12552

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31615 / SV Mixture, GC/MS Tuning Mixture, CH2Cl2, 1mL,	A0212955	06/30/2027	03/31/2025 / Rahul	08/01/2024 / Rahul	S12577

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0212266	04/30/2030	04/07/2025 / anahy	09/20/2024 / anahy	S12658

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0212266	12/16/2025	06/16/2025 / anahy	09/20/2024 / anahy	S12670

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/10/2025	03/10/2025 / anahy	12/11/2024 / anahy	S12974

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/30/2025	07/01/2025 / Rahul	12/11/2024 / anahy	S12987

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/30/2025	07/01/2025 / Rahul	12/11/2024 / anahy	S12988

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/30/2025	07/01/2025 / Rahul	12/11/2024 / anahy	S12989

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/30/2025	07/01/2025 / Rahul	12/11/2024 / anahy	S12990

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/30/2025	07/01/2025 / Rahul	12/11/2024 / anahy	S12991

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/30/2025	07/01/2025 / Rahul	12/11/2024 / anahy	S12992

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110816-01 / Custom 8270 Mix, 4-79, 1000 mg/L, 1 mL, (Maximum Expiration: 180 Days)	531243	12/19/2025	06/19/2025 / Jagrut	01/16/2025 / anahy	S13057

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-010074-07 / 3,3'-Dichlorobenzidine Solution, 1,000 mg/L, 1 ml, (Maximum Expiration: 180 days)	525551	11/05/2025	05/05/2025 / Jagrut	03/10/2025 / anahy	S13078

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0221014	11/30/2025	07/01/2025 / Rahul	05/20/2025 / Rahul	S13088

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0221014	11/30/2025	07/01/2025 / Rahul	05/20/2025 / Rahul	S13089

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555869 / Custom Standard, hexachlorocyclopentadiene Std [CS 5328-2]	A0201702	12/03/2025	06/03/2025 / Jagrut	11/13/2023 / Rahul	S13148

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555871 / Custom Standard, 4-nitrophenol Std [CS 5238-4]	A0226283	12/04/2025	06/04/2025 / Jagrut	06/04/2025 / Rahul	S13158

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555871 / Custom Standard, 4-nitrophenol Std [CS 5238-4]	A0226283	01/01/2026	07/01/2025 / Rahul	06/04/2025 / Rahul	S13159

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0224359	01/22/2026	07/22/2025 / Rahul	06/02/2025 / anahy	S13168

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555868 / Custom Standard, Benzidine Std [CS 5328-1]	A0226493	01/01/2026	07/01/2025 / Rahul	06/11/2025 / anahy	S13206

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	70434 / Acetophenone, Single compound solution, 1000 PPM	121622	12/19/2025	06/19/2025 / Rahul	06/19/2025 / Rahul	S13208

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91126 / Benzoic acid 2000 ug/mL	060625	12/19/2025	06/19/2025 / Rahul	06/19/2025 / Rahul	S13209

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Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	90495 / 1,1-Biphenyl 2000 ug/mL	042325	12/19/2025	06/19/2025 / Rahul	06/19/2025 / Rahul	S13210

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	34571 / 1,2,4,5-Tetrachlorobenzene 5000 ug/mL	092324	12/19/2025	06/19/2025 / Rahul	06/19/2025 / Rahul	S13211

CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received: _____

Certificate of Analysis

Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-112090 -04	440246	≤ -10 °C	Methylene Chloride	2/16/2026	CLP Acid Surrogate Solution, 7,500 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
2-chlorophenol-d_4	93951-73-6	99.3	248.12.7P	7487 ± 17.2
2-fluorophenol	367-12-4	99.8	10.7.3.3P	7513 ± 17.26
phenol-d6	13127-88-3	99.9	949.120.8P	7481 ± 17.19
2,4,6-tribromophenol	118-79-6	99.8	12.1.6P	7469 ± 17.17

Received on
02/25/21
by
CG

S9236
to
S9240

*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA

Certified By: Erica Castiglione

Erica Castiglione
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

PRODUCTOS QUIMICOS MONTERREY, S.A. DE C.V.

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MEXICO
CP 64070
TEL +52 81 13 52 57 57
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na_2SO_4
SPECIFICATION NUMBER :	6399	RELEASE DATE:	ABR/21/2023
LOT NUMBER :	313201		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_4)	Min. 99.0%	99.7 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.1
Insoluble matter	Max. 0.01%	0.005 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO_4)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.002 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.003 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreing matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.1 %
Retained on US Standard No. 60 sieve	Min. 94%	97.3 %
Through US Standard No. 60 sieve	Max. 5%	2.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

RG-02-01, Ed. 3

Recd. by RP on 7/24/23 E3551

PO: PO2-1308 PRODUCT CODE: SHIP DATE: 2/7/25

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor | J.T.Baker

Material No.: 9266-A4
Batch No.: 25A0262002
Manufactured Date: 2024-11-21
Expiration Date:2026-02-20
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	4
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	99.9 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.8 ppm
Titrable Acid (µeq/g)	<= 0.3	<0.1
Chloride (Cl)	<= 10 ppm	<5 ppm
Water (by KF, coulometric)	<= 0.02 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3926

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials,LLC
100 Matsonford Rd, Suite 200,Radnor,PA,19087.U.S.A.Phone 610.386.1700

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H1462005
Manufactured Date: 2024-05-24
Expiration Date:2027-05-24
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD RS

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3932

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor™ | J.T.Baker

Material No.: 9266-A4
Batch No.: 25A2862010
Manufactured Date: 2024-12-18
Expiration Date:2026-03-19
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	2
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	99.9 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.3 ppm
Titrable Acid (µeq/g)	<= 0.3	<0.1
Chloride (Cl)	<= 10 ppm	<5 ppm
Water (by KF, coulometric)	<= 0.02 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3942

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H1462005
Manufactured Date: 2024-05-24
Expiration Date:2027-05-24
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd by RS 6/19/25

E3946

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H2762008
Manufactured Date: 2024-04-18
Expiration Date:2027-04-18
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Read on 7/2/25

E3949

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

VWR® BDH® CHEMICALS

Certificate of Analysis

Material	BDH9274-2.5KG
Material Description	BDH SAND STDD OTTAWA W+I 2.5KG
Grade	NOT APPLICABLE
Batch	25A2756718
Reassay Date	12/31/2028
CAS Number	14808-60-7
Molecular Formula	SiO2
Molecular Mass	60.09
Date of Manufacture	12/05/2024
Storage	Room Temperature

Characteristics	Specifications	Measured Values
Appearance	Beige granules.	Beige granules.
Moisture	<= 0.1 %	0.1 %
Particle Size 30-40 mesh	>= 80 %	99 %
CUSTOMER PART # BDH9274-2.5KG		

Received on 7/9/25.

E3951

Internal ID #: 793

Signature	Additional Information
We certify that this batch conforms to the specifications listed above.	Analysis may have been rounded to significant digits in specification limits
This document has been electronically produced and is valid without a signature.	Product meets analytical specifications of the grades listed.
Leona Edwardson, Quality Control Sr. Manager - Solon VWR Chemicals, LLC. 28600 Fountain Parkway, Solon OH 44139 USA	

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor™ | J.T.Baker

Material No.: 9266-A4
Batch No.: 25B1862001
Manufactured Date: 2024-12-18
Expiration Date:2026-03-19
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	2
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	99.9 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.3 ppm
Titrable Acid (µeq/g)	<= 0.3	<0.1
Chloride (Cl)	<= 10 ppm	<5 ppm
Water (by KF, coulometric)	<= 0.02 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

RS 7/14/25

E3954

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555870 **Lot No.:** A0200549

Description : Custom 2,4-Dinitrophenol Standard

Custom 2,4-Dinitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

S11484 ↓ S11493 Y.P. 08/10/23

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	25,008.0 µg/mL	+/- 777.3323

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Tom Suckar - Mix Technician **Date Mixed:** 02-Aug-2023 **Balance:** 1128342314

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received:_____

Certificate of Analysis

Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110094-02	506889	≤ -10 °C	Methylene Chloride	7/25/2028	CLP Base/Neutral Surrogate Solution, 5,000 mg/L, 1 ml

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,2-dichlorobenzene-d_4	2199-69-1	99.7	247.29.3P	5035 ± 28.02
2-fluorobiphenyl	321-60-8	99.69	8.286.1.1P	4999 ± 103.66
nitrobenzene-d5	4165-60-0	99.67	7.9.3P	4988 ± 27.32
p-terphenyl-d14	1718-51-0	99.3	9.120.8P	5005 ± 27.85

511494 to 511498 } Y.P. 08/11/2023

*Not a certified value

Certified By: _____

Clint Tipton
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555872 **Lot No.:** A0201728

Description : Custom Pentachlorophenol Standard

Custom Pentachlorophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2026 **Storage:** 10°C or colder

Ship: Ambient

511649 ↓ 511658 Y.P. 11/13/23

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pentachlorophenol	87-86-5	RP230530RSR	99%	25,000.0 µg/mL	+/- 777.0837

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Josh McCloskey - Operations Technician I

Date Mixed: 05-Sep-2023 **Balance:** B251644995

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0196453

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

S11749 ↓ S11794 RC 11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBN3770	99%	2,013.0 µg/mL	+/- 25.0521

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

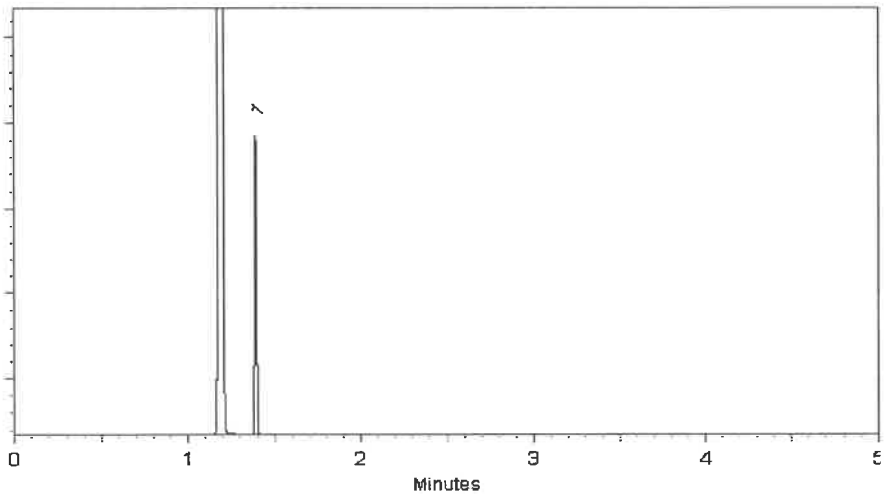
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 30-Mar-2023 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 31-Mar-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Certificate of Analysis

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0200655

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

S11795 ↓ S11808 RC 11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBQ1693	99%	2,007.0 µg/mL	+/- 24.9775

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

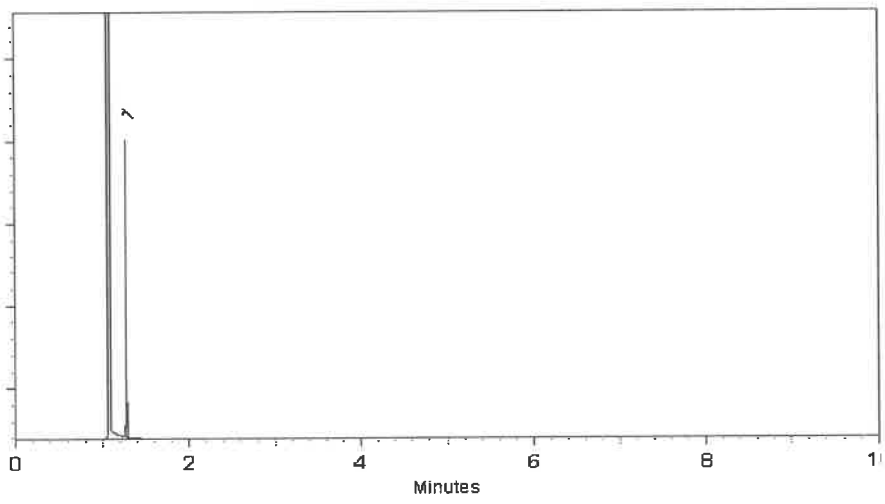
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 06-Aug-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 08-Aug-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Certificate of Analysis

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31087 **Lot No.:** A0206206

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : January 31, 2032 **Storage:** 10°C or colder

Ship: Ambient

S12187 ↓ S12206 } RC/ 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

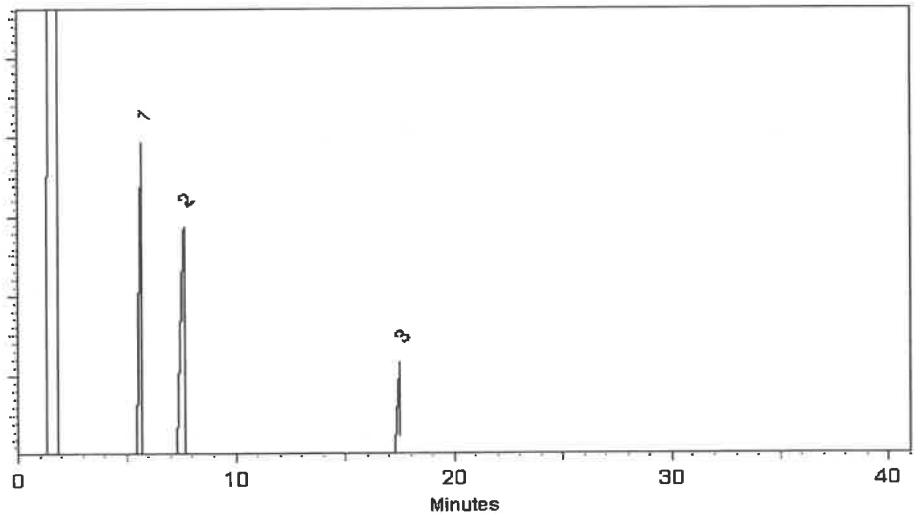
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31086 **Lot No.:** A0206381

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

S12207 ↓ S12221 RC/ 03/18/24

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : December 31, 2029 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Nitrobenzene-d5	4165-60-0	I-25158	99%	5,029.3 µg/mL	+/- 226.5204
2	2-Fluorobiphenyl	321-60-8	00021384	99%	5,030.9 µg/mL	+/- 226.5936
3	p-Terphenyl-d14	1718-51-0	PR-32599	99%	5,026.4 µg/mL	+/- 226.3909

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

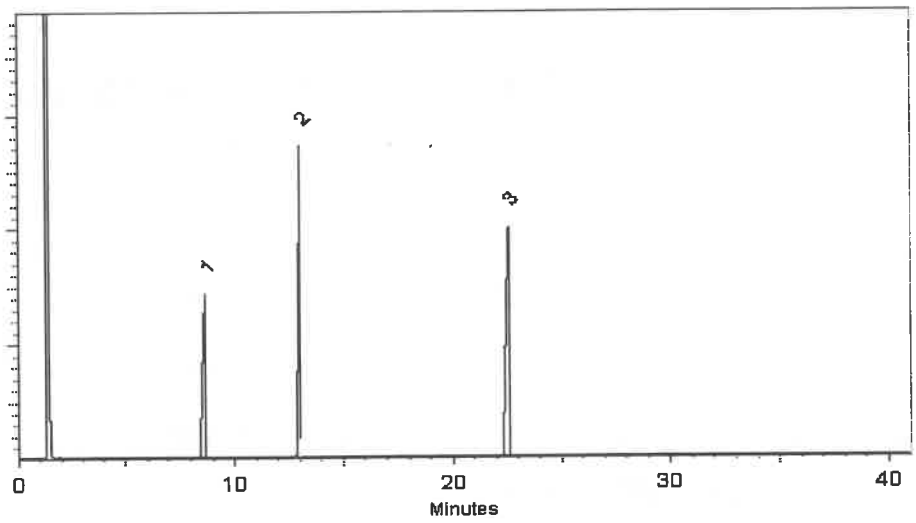
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Jess Hoy - Operations Tech I

Date Mixed: 09-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 11-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
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by TUV USA to ISO 9001:2015

Date Received: _____

Certificate of Analysis

Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110381-01	520963	≤ -10 °C	Methylene Chloride	10/10/2028	Method 8270 Calibration Solution, 76-1, 500 & 1,000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
acenaphthene	83-32-9	99.9	13.1.5P	1010 ± 9.89
acenaphthylene	208-96-8	97.6	14.290.1P	1014 ± 9.93
aniline	62-53-3	99.97	64.1.4P	1001 ± 9.8
anthracene	120-12-7	99.5	15.7.1P	999.6 ± 9.79
azobenzene	103-33-3	98.1	252.7.2P	999.1 ± 9.8
benzo[a]anthracene	56-55-3	100	16.7.3P	1007 ± 9.86
benzo[b]fluoranthene	205-99-2	99.8	17.421.3P	1011 ± 14.11
benzo[k]fluoranthene	207-08-9	98.9	18.421.4P	1001 ± 10.96
benzo[ghi]perylene	191-24-2	93	19.286.4P	999.6 ± 13.95
benzo[a]pyrene	50-32-8	97	20.286.2P	999.9 ± 22.24
benzyl alcohol	100-51-6	99.9	65.18.1P	1001 ± 9.82
bis(2-chloroethoxy)methane	111-91-1	99.1	31.3.15P	1000 ± 14.69
bis(2-chloroethyl)ether	111-44-4	99.8	32.7.1P	1003 ± 13.89
bis(2-chloro-1-methylethyl) ether	108-60-1	99.5	34.3.15P	999.4 ± 14.68
bis(2-ethylhexyl)adipate	103-23-1	99.5	874.7.1P	999.5 ± 9.8
bis(2-ethylhexyl)phthalate	117-81-7	99.4	33.29.1P	998.8 ± 17.03
4-bromophenyl phenyl ether	101-55-3	99.4	35.7.1.1P	1000 ± 13.85
butyl benzyl phthalate	85-68-7	98.4	36.1.6P	984.7 ± 16.79
carbazole	86-74-8	99.4	239.7.2P	1000 ± 9.8

S12270 ↓ S12274 } RC 05/24/24

*Not a certified value

Certified By: Kerry E Kane

Kerry Kane
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00.
Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

Certificate of Analysis

Catalog No.: Z-110381-01 **Lot No.:** 520963 **Expiration Date:** 10/10/2028

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
4-chloroaniline	106-47-8	100	66.7.1P	1000 ± 9.79
4-chlorophenylphenyl ether	7005-72-3	98	37.158.2P	1001 ± 17.07
4-chloro-3-methylphenol	59-50-7	99	102.1.2P	1006 ± 17.16
2-chloronaphthalene	91-58-7	99.9	42.7.6P	1000 ± 9.79
2-chlorophenol	95-57-8	99.8	103.7.1P	1007 ± 13.96
chrysene	218-01-9	96	21.286.2P	998.4 ± 12.85
dibenz[a,h]anthracene	53-70-3	99.44	22.286.3P	1000 ± 9.74
dibenzofuran	132-64-9	100	67.7.2.1P	1002 ± 9.77
di-n-butyl phthalate	84-74-2	99.84	40.286.1P	1007 ± 24.48
1,2-dichlorobenzene	95-50-1	99.8	43.7.1P	1000 ± 9.79
1,3-dichlorobenzene	541-73-1	99.5	44.1.3P	999.4 ± 9.79
1,4-dichlorobenzene	106-46-7	99.9	45.29.2P	1000 ± 9.79
2,4-dichlorophenol	120-83-2	99.6	104.7.1.1P	1005 ± 13.93
diethyl phthalate	84-66-2	99.8	38.7.1P	1011 ± 14
2,4-dimethylphenol	105-67-9	99.6	105.7.1.1P	1009 ± 13.98
dimethyl phthalate	131-11-3	99.9	39.9.2P	996.5 ± 13.8
1,2-dinitrobenzene	528-29-0	99.86	86.7.3.1P	999.5 ± 9.75
1,3-dinitrobenzene	99-65-0	100	313.7.2P	998 ± 9.79
1,4-dinitrobenzene	100-25-4	100	907.7.1P	999.5 ± 9.8
2,4-dinitrophenol	51-28-5	99.9	106.1.6DP	1002 ± 13.89
2,4-dinitrotoluene	121-14-2	100	87.7.3P	999.8 ± 13.85
2,6-dinitrotoluene	606-20-2	99.4	88.7.2.1P	999.6 ± 13.85
di-n-octyl phthalate	117-84-0	99.1	41.7.5P	991.6 ± 13.74
diphenylamine	122-39-4	100	78.1.6P	998 ± 13.79
2,3,5,6-tetrachlorophenol	935-95-5	97	1112.286.1P	1004 ± 14.02
fluoranthene	206-44-0	98.6	23.7.4P	999.6 ± 9.79
fluorene	86-73-7	98.4	24.7.1P	999.7 ± 9.79

*Not a certified value

Certified By: Kerry E Kane

Kerry Kane
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

Certificate of Analysis

Catalog No.: Z-110381-01 **Lot No.:** 520963 **Expiration Date:** 10/10/2028

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
hexachlorobenzene	118-74-1	99	46.158.4P	999.9 ± 13.96
hexachlorobutadiene	87-68-3	97.4	47.1.4P	1000 ± 9.79
hexachlorocyclopentadiene	77-47-4	99.2	48.2.2P	1001 ± 9.8
hexachloroethane	67-72-1	99.9	49.1.4P	1003 ± 9.82
indeno[1,2,3-cd]pyrene	193-39-5	98	25.286.4P	999.4 ± 22.23
isophorone	78-59-1	98.9	90.1.4P	999.9 ± 13.85
2-methyl-4,6-dinitrophenol	534-52-1	99.6	107.421.2DP	991 ± 24.09
1-methylnaphthalene	90-12-0	97.1	249.7.5P	999.2 ± 13.95
2-methylnaphthalene	91-57-6	97.4	68.7.2P	1006 ± 22.38
2-methylphenol	95-48-7	99.6	114.7.3P	1001 ± 13.87
3-methylphenol	108-39-4	99.1	115.7.4P	499.7 ± 6.92
4-methylphenol	106-44-5	99.5	116.7.1P	501.2 ± 6.94
naphthalene	91-20-3	99.8	26.9.1P	1018 ± 9.97
2-nitroaniline	88-74-4	99.7	69.29.1P	999.6 ± 9.79
3-nitroaniline	99-09-2	100	70.7.3P	1000 ± 9.74
4-nitroaniline	100-01-6	99.7	71.29.1P	1001 ± 9.8
nitrobenzene	98-95-3	100	94.7.1P	1000 ± 13.85
2-nitrophenol	88-75-5	99.1	108.29.1P	996.5 ± 13.81
4-nitrophenol	100-02-7	100	109.7.1P	1000 ± 13.82
N-nitrosodimethylamine	62-75-9	99.5	57.3.19P	998.5 ± 14.67
N-nitrosodi-n-propylamine	621-64-7	99.8	59.286.1P	996.8 ± 17
pentachlorophenol	87-86-5	99	110.1.7P	1004 ± 13.92
phenanthrene	85-01-8	99.7	27.1.5P	999 ± 12.87
phenol	108-95-2	100	112.7.1P	998.5 ± 13.8
pyrene	129-00-0	99.2	28.9.2P	998.9 ± 9.78
pyridine	110-86-1	100	101.24.1P	999 ± 9.73
2,3,4,6-Tetrachlorophenol	58-90-2	91.8	120.421.1P	996.5 ± 13.92

*Not a certified value

Certified By: Kerry E Kane

Kerry Kane
Chemist

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Certificate of Analysis

Catalog No.: Z-110381-01 **Lot No.:** 520963 **Expiration Date:** 10/10/2028

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,2,4-trichlorobenzene	120-82-1	99.6	54.29.1P	999.6 ± 9.79
2,4,5-trichlorophenol	95-95-4	96.5	121.7.1.1P	999.5 ± 13.85
2,4,6-trichlorophenol	88-06-2	99.6	113.7.1P	996 ± 13.8

*Not a certified value

Certified By: Kerry E Kane

Kerry Kane
Chemist

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Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-010442-07	495833	≤ -10 °C	Methylene Chloride	1/16/2028	Benzaldehyde Solution, 1000 mg/L, 1.3 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
benzaldehyde	100-52-7	98.3	442.421.1P	996.8 ± 11.49

S12275 ↓ S12279 } RC/ 05/24/24

*Not a certified value

Certified By: S. Hunter

Scott Hunter
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricllly.

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Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-010442-07	495833	≤ -10 °C	Methylene Chloride	1/16/2028	Benzaldehyde Solution, 1000 mg/L, 1.3 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
benzaldehyde	100-52-7	98.3	442.421.1P	996.8 ± 11.49

S12275 ↓ S12279 } RC/ 05/24/24

*Not a certified value

Certified By: S. Hunter

Scott Hunter
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricllly.

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Certificate of Analysis

gravimetric

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0214021

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
2	Atrazine	1912-24-9	5FYWL	99%	1,005.0 µg/mL	+/- 23.0717
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 23.0947
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 ↓ S12508 RC 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Certificate of Analysis

gravimetric

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31206 **Lot No.:** A0212266

Description : SV Internal Standard Mix 2mg/ml

SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,000.6 µg/mL	+/- 90.1075
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,000.3 µg/mL	+/- 90.0925
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,000.4 µg/mL	+/- 90.1000
4	Phenanthrene-d10	1517-22-2	PR-34099	99%	2,000.5 µg/mL	+/- 90.1037
5	Chrysene-d12	1719-03-5	PR-33506	99%	2,000.7 µg/mL	+/- 90.1112
6	Perylene-d12	1520-96-3	PR-33205	99%	2,000.6 µg/mL	+/- 90.1075

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12645 ↓ S12674 AC 10/1/24

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0219438

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S12963 ↓ S12992 AC 12/17/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,008.3 µg/mL	+/- 36.6849
2	N-Nitrosodimethylamine	62-75-9	S240313RSR	99%	1,008.6 µg/mL	+/- 36.6985
3	Phenol	108-95-2	MKCK1120	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,002.9 µg/mL	+/- 36.4893
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.0 µg/mL	+/- 36.4938
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.6 µg/mL	+/- 36.5894
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.1 µg/mL	+/- 36.5348
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,002.1 µg/mL	+/- 36.4620
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,003.5 µg/mL	+/- 36.5120
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,005.3 µg/mL	+/- 36.5757
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,008.4 µg/mL	+/- 36.6894
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,004.6 µg/mL	+/- 36.5530
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	502.1 µg/mL	+/- 18.2697
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.8 µg/mL	+/- 18.3288
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,006.5 µg/mL	+/- 36.6212
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.5 µg/mL	+/- 36.5484
17	Nitrobenzene	98-95-3	10224044	99%	1,002.5 µg/mL	+/- 36.4757

18	Isophorone	78-59-1	MKCR3249	99%	1,003.4	µg/mL	+/- 36.5075
19	2-Nitrophenol	88-75-5	RP230710	99%	1,002.5	µg/mL	+/- 36.4757
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,006.5	µg/mL	+/- 36.6212
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,006.6	µg/mL	+/- 36.6257
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,001.5	µg/mL	+/- 36.4393
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,006.4	µg/mL	+/- 36.6166
24	Naphthalene	91-20-3	STBL1057	99%	1,002.1	µg/mL	+/- 36.4620
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.4	µg/mL	+/- 36.5439
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.5	µg/mL	+/- 36.4771
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,004.5	µg/mL	+/- 36.5484
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.0	µg/mL	+/- 36.3847
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,001.3	µg/mL	+/- 36.4325
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,006.4	µg/mL	+/- 36.6166
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.6	µg/mL	+/- 36.5505
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,004.3	µg/mL	+/- 36.5393
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.4	µg/mL	+/- 36.5439
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,002.8	µg/mL	+/- 36.4847
36	Acenaphthylene	208-96-8	RP241029RSR	98%	1,000.0	µg/mL	+/- 36.3835
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,006.3	µg/mL	+/- 36.6121
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,008.9	µg/mL	+/- 36.7076
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,006.6	µg/mL	+/- 36.6257
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,002.5	µg/mL	+/- 36.4757
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5530
43	2,4-Dinitrophenol	51-28-5	D240927RSR	----%	1,005.6	µg/mL	+/- 36.5894
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,003.5	µg/mL	+/- 36.5120
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,008.3	µg/mL	+/- 36.6849
46	4-Nitrophenol	100-02-7	20241029-2-AN	99%	1,004.8	µg/mL	+/- 36.5575
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,005.8	µg/mL	+/- 36.5939
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP231219RSR	99%	1,006.4	µg/mL	+/- 36.6166
49	Fluorene	86-73-7	10246250	98%	1,000.7	µg/mL	+/- 36.4102
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,004.9	µg/mL	+/- 36.5621
51	Diethylphthalate	84-66-2	BCCJ6241	99%	1,003.9	µg/mL	+/- 36.5257
52	4-Nitroaniline	100-01-6	RP230111	99%	1,006.6	µg/mL	+/- 36.6257
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,001.3	µg/mL	+/- 36.4302

54	Diphenylamine	122-39-4	MKCT1512	99%	1,003.0	µg/mL	+/- 36.4938
55	Azobenzene	103-33-3	BCCK0887	99%	1,002.4	µg/mL	+/- 36.4711
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,008.8	µg/mL	+/- 36.7031
57	Hexachlorobenzene	118-74-1	15458400	99%	1,005.1	µg/mL	+/- 36.5712
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.9	µg/mL	+/- 36.5984
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.9	µg/mL	+/- 36.5621
60	Anthracene	120-12-7	101492T18R	99%	1,005.1	µg/mL	+/- 36.5712
61	Carbazole	86-74-8	15276700	99%	1,005.4	µg/mL	+/- 36.5803
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,006.3	µg/mL	+/- 36.6121
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,003.5	µg/mL	+/- 36.5120
64	Pyrene	129-00-0	BCCK2592	99%	1,002.0	µg/mL	+/- 36.4575
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,007.5	µg/mL	+/- 36.6576
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.9	µg/mL	+/- 36.5984
67	Benz(a)anthracene	56-55-3	I70012022BAA	99%	1,005.5	µg/mL	+/- 36.5848
68	Chrysene	218-01-9	RP241007RSR	99%	1,005.3	µg/mL	+/- 36.5757
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,007.5	µg/mL	+/- 36.6576
70	Di-n-octyl phthalate	117-84-0	15566400	99%	1,002.3	µg/mL	+/- 36.4666
71	Benzo(b)fluoranthene	205-99-2	052013B	99%	1,004.1	µg/mL	+/- 36.5348
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,002.8	µg/mL	+/- 36.4847
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,006.2	µg/mL	+/- 36.6108
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,001.8	µg/mL	+/- 36.4490
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,003.3	µg/mL	+/- 36.5029
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,003.8	µg/mL	+/- 36.5217

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555871 **Lot No.:** A0226283

S13158 ↓ S13167 } RC/ 6/4/25

Description : Custom 4-Nitrophenol Standard

Custom 4-Nitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2028 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	4-Nitrophenol	100-02-7	20241120-1-AN	99%	25,192.0 µg/mL	+/- 783.0517

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Morgan Craighead - Mix Technician

Date Mixed: 02-Jun-2025 **Balance:** C322230531

REVIEWED By Dillon Murphy at 11:21 am, Jun 03, 2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
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Certificate of Analysis

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31206 **Lot No.:** A0224359

Description : SV Internal Standard Mix 2mg/ml

SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

S13168 ↓ S13197 AC 6/9/25

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2031 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,000.0 µg/mL	+/- 90.0812
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,000.8 µg/mL	+/- 90.1187
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,000.8 µg/mL	+/- 90.1187
4	Phenanthrene-d10	1517-22-2	PR-34099	99%	2,000.0 µg/mL	+/- 90.0812
5	Chrysene-d12	1719-03-5	PR-33506	99%	2,000.8 µg/mL	+/- 90.1187
6	Perylene-d12	1520-96-3	PR-33205	99%	2,000.0 µg/mL	+/- 90.0812

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

S13198 ↓ S13207 } AC 6/11/25

Catalog No. : 555868 **Lot No.:** A0226493

Description : Custom Benzidine Standard

Custom Benzidine Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2028 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Benzidine	92-87-5	S250227ECS	99%	25,004.0 µg/mL	+/- 495.8040

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Laith Clemente - Operations Technician I

Date Mixed: 09-Jun-2025 **Balance:** 1122030677

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT

Part Number: 70434
Lot Number: 121622
Description: Acetophenone

Expiration Date: 121627
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

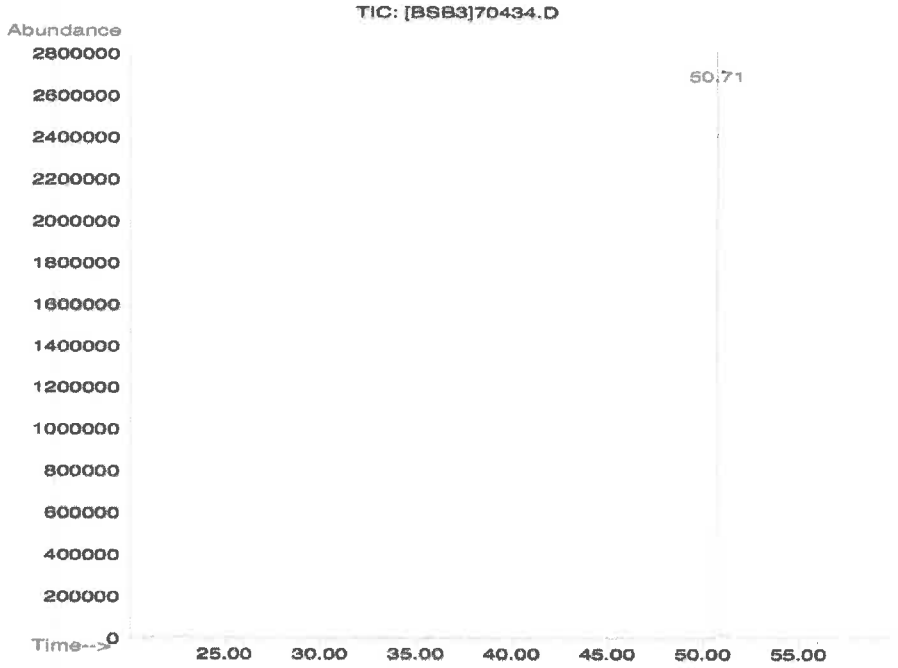
Solvent(s): **Lot#**
Methylene chloride C21F09CAS0000DCM

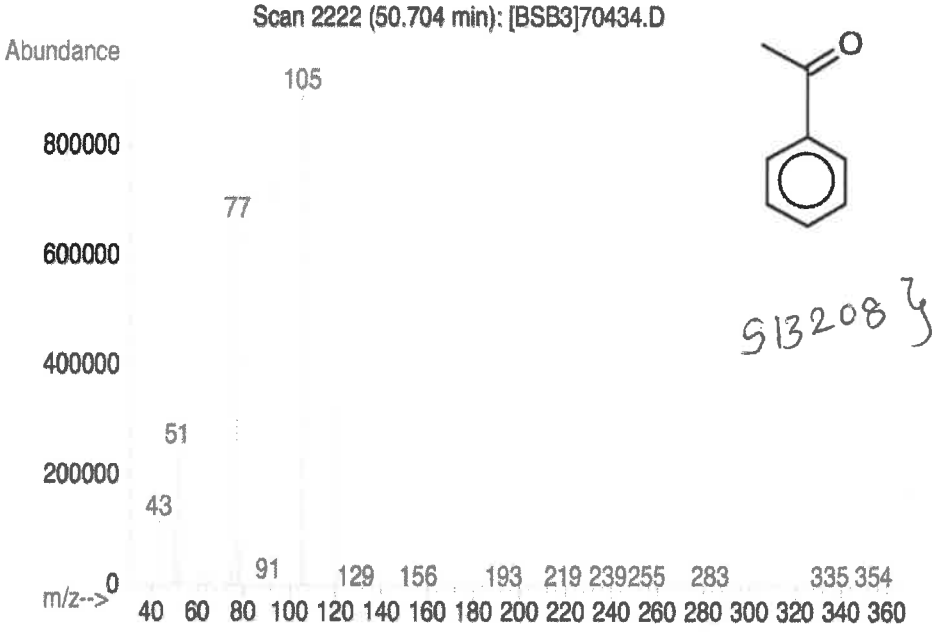
		121622
Formulated By:	Benson Chan	DATE
		121622
Reviewed By:	Pedro L. Rentas	DATE

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acetophenone	434	04511JX	1000	99	0.2	0.05055	0.05075	1004.0	4.5	98-86-2	N/A	orl-rat 815mg/kg

Method: GC6MSD-1. **Detector:** MSD. **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (10min.), Temp. 2 = 200°C (8.75 min.), Rate = 4°C/min., Injector Temp.= 200°C, Detector Temp. = 220°C. **Analyst:** Candice Warren. Solvent delay = 25 minutes.

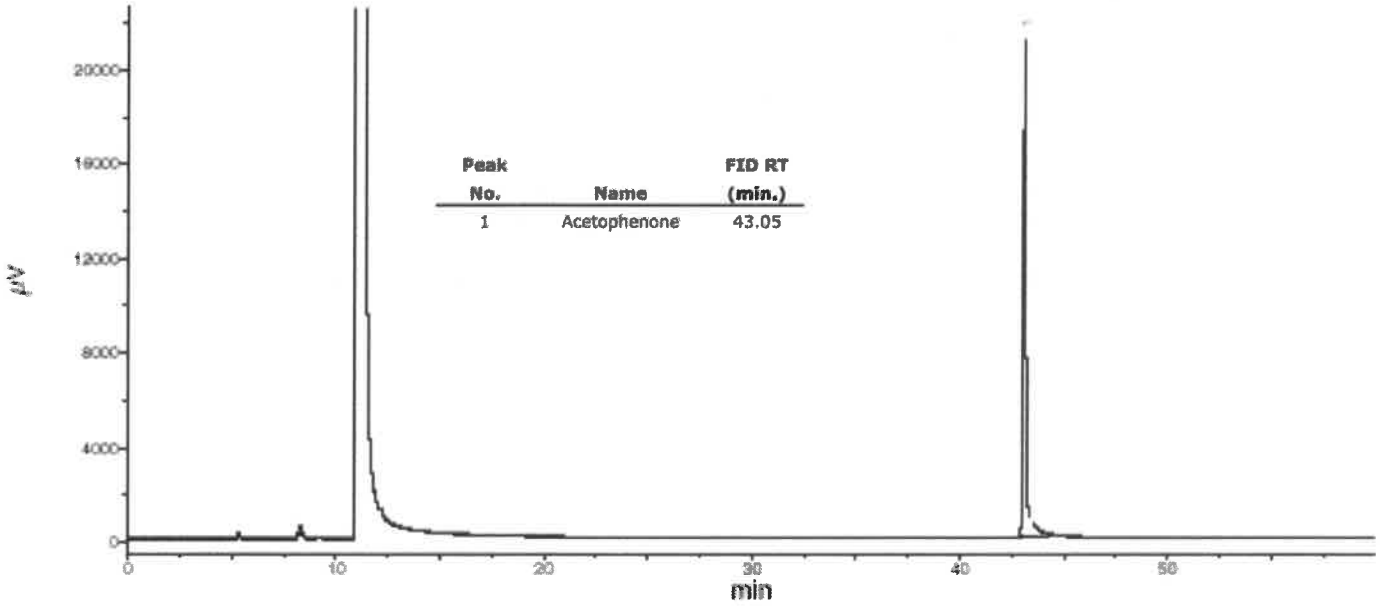




S13208 % RC1 6/19/25

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC13-M1 Analysis by Melissa Stonier
Column ID SPB-Vocol 105 meter X 0.53mm X 3.0µm film thickness
Flow rates: Total flow=290mL/min., Helium (carrier)=10mL/min.,
Helium(make-up)=10mL/min., Hydogen(make-up)=40mL/min., Air(make-up)=230mL/min.
Oven Profile: Temp. 1=35°C (Time 1=10 min.), Temp 2=200°C (Time 2=8.75 min.),
Rate = 4°C/min., Total run time=60 min. Injector temp.=200°C, FID Temp.=200°C.
FID Signal = Edaq Channel 1
Standard injection = 0.5µL, Range=3



Peak No.	Name	FID RT (min.)
1	Acetophenone	43.05

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Certified Reference Material CRM

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CERTIFIED WEIGHT REPORT

Part Number: 91126
Lot Number: 060625
Description: Benzoic acid

Expiration Date: 060630
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

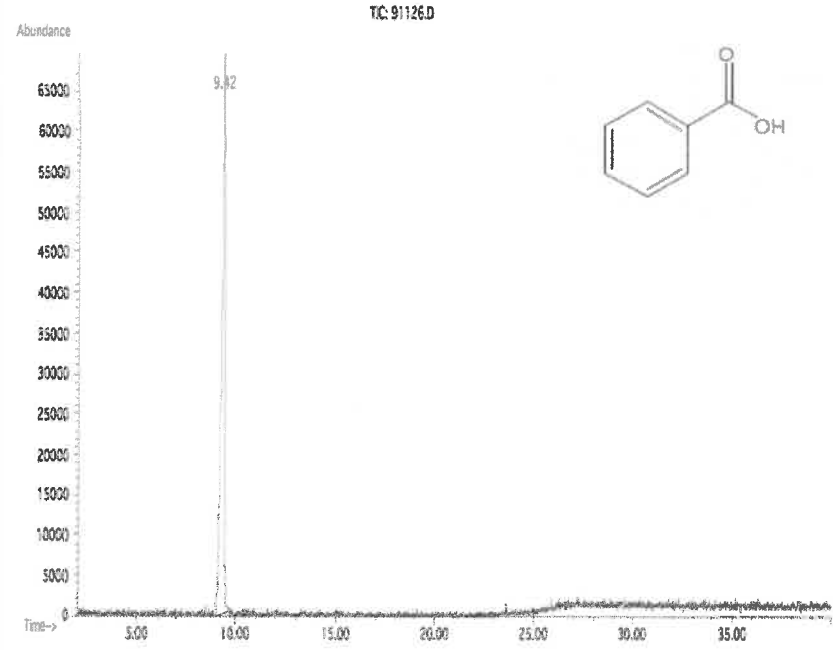
Solvent(s):	Lot#
Methylene chloride	23343

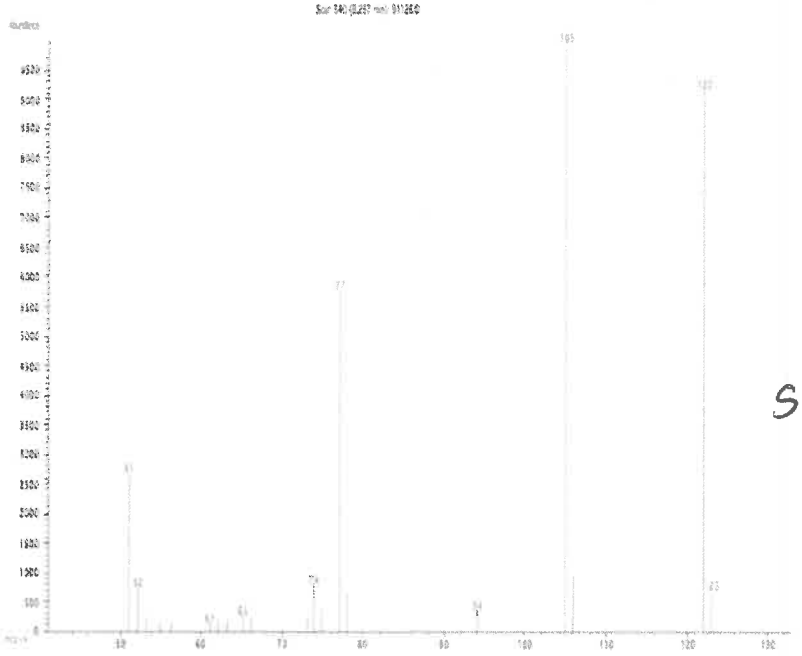
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 100.0 0.031 Flask Uncertainty

		060625
Formulated By:	Anthony Mahoney	DATE
		060625
Reviewed By:	Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Benzoic acid	34	11930AW	2000.0	99	0.2	0.20211	0.20227	2001.6	8.2	65-85-0	N/A	orl-rat 1700mg/kg

Method GC8MSD-3.M: Column:SPB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (9min.), Rate = 10°C/min., Injector B= 200°C. Detector B = 275°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by: Melissa Stonier.





S132097 RC 6/19/25

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated by an ISO 17025 certified organization with weights traceable through NIST to the SI kilogram (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Rev 1.0, 2/25/2025

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Certified Reference Material CRM

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CERTIFIED WEIGHT REPORT

Part Number: 34571
Lot Number: 092324
Description: 1,2,4,5-Tetrachlorobenzene

Solvent(s): Methanol **Lot#** EI863-US

Expiration Date: 092334
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

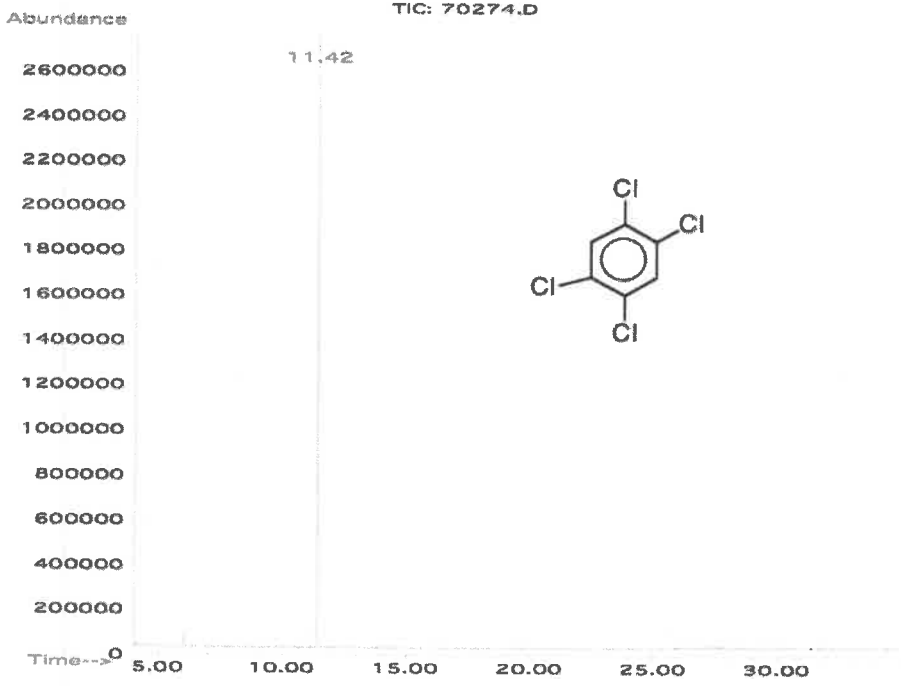
Weight(s) shown below were combined and diluted to (mL): 25.0 | 5E-05 Balance Uncertainty | 0.004 Flask Uncertainty

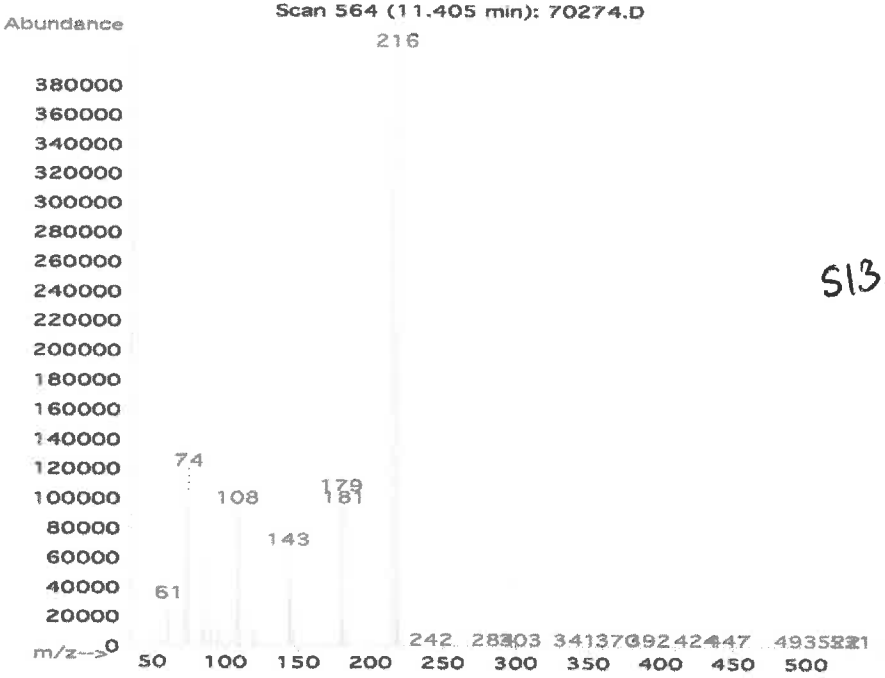
CAUTION: Sonicate Before Use

Formulated By:	Lawrence Barry	092324 DATE
Reviewed By:	Pedro L. Rentas	092324 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 1,2,4,5-Tetrachlorobenzene	274	10408AS	5000	98	0.20	0.12761	0.12765	5001.4	20.8	95-94-3	N/A	orl-rat 1500mg/kg

Method GC8MSD-3.M: Column:SPB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (9min.), Rate = 10°C/min., Injector B= 200°C, Detector B = 275°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by: Gina McLane.





S132113 RC 6/19/25.

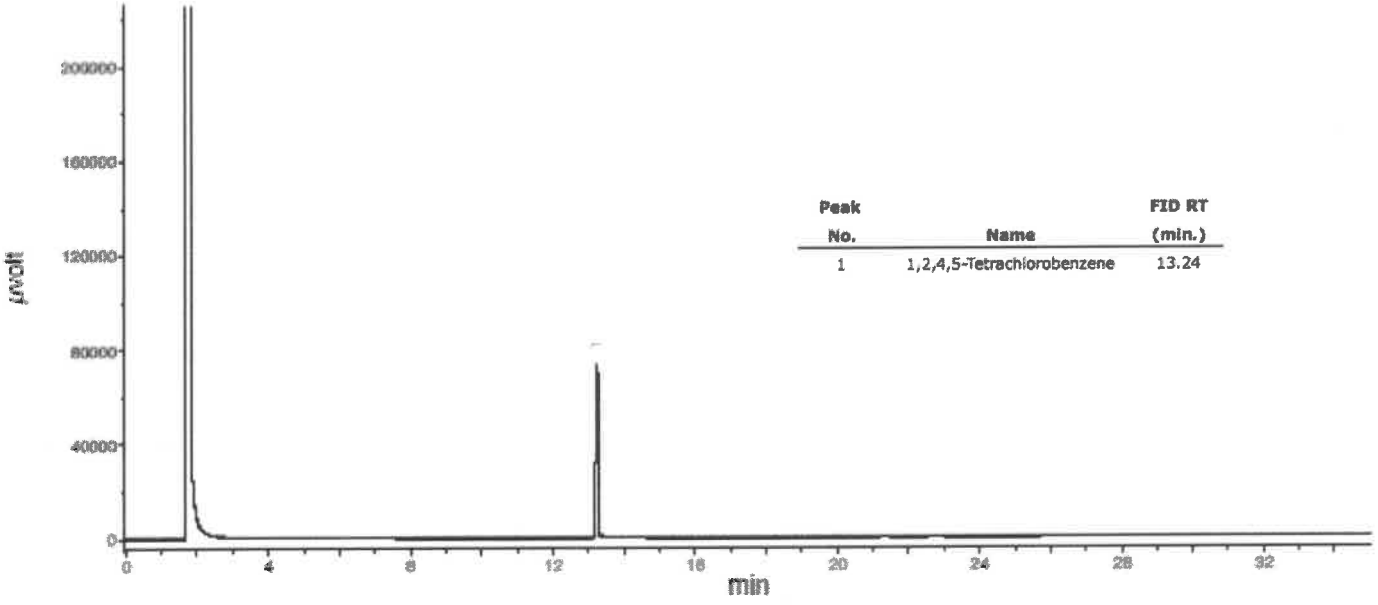
- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Run 31, "P34571 L092324 [5000µg/mL in MeOH]"

Run Length: 35.00 min, 20999 points at 10 points/second.
Created: Fri, Jan 3, 2025 at 11:24:40 AM.
Sampled: Sequence "010225-GC4M1", Method "GC4-M1".
Analyzed using Method "GC4-M1".

Comments

GC4-M1 Analysis by Melissa Stonier
Column ID SPB5 L#60062-01A : 30 meter x 0.53mm x 1.5um Film Thickness
Flow rates; Total Flow = 300 ml/min, Helium (carrier) = 6.5 mL, Helium (make-up) = 25 mL, Hydrogen (detector) = 30 mL, Air (detector) =360 mL
Oven Temp 1 = 50°C (1 min), Rate = 10°C/min, Oven Temp 2 = 300°C (9 min), Total Run Time = 35 Minutes.
Injector Temp = 200°C, FID Temp = 300°C, FID Signal = eDaq Channel 1.
Gas Chromatograph = HP 5890, Auto Sampler = HP 7673, Standard Injection = 0.5 uL, Range = 7



Peak No.	Name	FID RT (min.)
1	1,2,4,5-Tetrachlorobenzene	13.24

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Bellefonte, PA 16823-8812
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Fax: 1-814-353-1309

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555869 **Lot No.:** A0201702

Description : Custom Hexachlorocyclopentadiene Standard

Custom Hexachlorocyclopentadiene Standard 25,000µg/mL, Methanol, 1mL/ampul

513148 ↓ 513157 RC 11/13/23

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	25,244.0 µg/mL	+/- 450.6896

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Brittany Federinko - Operations Tech I

Date Mixed: 05-Sep-2023 **Balance:** B707717271

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 78-8922
www.chemtech.net

Chemtech Project Number: Q2645

COC Number:

CLIENT INFORMATION

COMPANY: Tetra Tech
ADDRESS: 4433 Corporation Ln, Suite 300
CITY: Virginia Beach STATE: VA ZIP: 23462
ATTENTION: Ernie Wu
PHONE: 757-466-4901 FAX: 757-461-4148

PROJECT INFORMATION

PROJECT NAME: NWIRP Bethpage
PROJECT #: 112G08005-WE13 LOCATION: Carbon IDW
PROJECT MANAGER: Dave Brayack
E-MAIL: david.brayack@tetratech.com
PHONE: 757-466-4909 FAX: 757-461-4148

BILLING INFORMATION

BILL TO: SEE CONTRACT PO#
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: 5 DAYS*
HARD COPY: 5 DAYS*
EDD 5 DAYS*
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ❑ RESEULTS ONLY
- ❑ RESULTS + QC
- ❑ New Jersey REDUCED
- ❑ New Jersey CLP
- ❑ EDD Format
- ❑ USEPA CLP
- ❑ New York State ASP "B"
- ❑ New York State ASP "A"
- ❑ Other

ANALYSIS

1	2	3	4	5	6	7	8	9
TCL SVOC (total)	Flash point	TCLP VOC	TCLP Metals (RCRA 8)	PCB	pH			

PRESERVATIVES

COMMENTS

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	1	2	3	4	5	6	7	8	9
1.	RW5B-Carbon-20250716	Granular Activated Carbon		X	7/16/25	9:15	6	1	1	1	1	1	1			
2.																
3.																
4.																
5.																
6.																
7.																
8.																
9.																
10.																

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1.	7/17/25/1400	1.
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.	7/18/25 9:55	2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.		3.

Conditions of bottles or coolers at receipt: ❑ Compliant ❑ Non Compliant ❑ Cooler Temp 2.1-C
MeOH extraction requires an additional 4oz. Jar for percent solid
❑ Ice in Cooler?: Yes
Comments: 5 Day TAT - CTO-WE13 RW5B Carbon Sampling

Page 1 of 1

SHIPPED VIA: CLIENT: ❑ Hand Delivered ❑ Overnight
CHEMTECH: ❑ Picked Up ❑ Overnight

Shipment Complete
❑ YES ❑ NO

WHITE - CHEMTECH COPYFOR RETURN TO CLIENT **YELLOW** - CHEMTECH COPY **PINK** - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143141.D
Acq On : 17 Jul 2025 11:34
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Jul 17 15:01:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	129942	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	504796	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	263409	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	432329	20.000	ng		0.00
76) Chrysene-d12	14.116	240	253004	20.000	ng		0.00
86) Perylene-d12	15.615	264	255898	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	89958	10.955	ng		0.00
7) Phenol-d6	6.569	99	112575	10.892	ng		-0.02
23) Nitrobenzene-d5	7.510	82	106670	10.533	ng		-0.01
42) 2,4,6-Tribromophenol	10.780	330	26288	9.661	ng		0.00
45) 2-Fluorobiphenyl	9.310	172	231962	12.043	ng		-0.01
79) Terphenyl-d14	13.063	244	198167	11.656	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.816	88	20208	5.201	ng		97
3) Pyridine	3.587	79	52981	5.254	ng		99
4) n-Nitrosodimethylamine	3.504	42	26949	5.176	ng	#	99
6) Aniline	6.616	93	75811	5.263	ng		99
8) 2-Chlorophenol	6.740	128	45203	5.252	ng		98
9) Benzaldehyde	6.504	77	41029	5.294	ng		97
10) Phenol	6.581	94	61148	5.431	ng		99
11) bis(2-Chloroethyl)ether	6.687	93	46083	5.345	ng		98
12) 1,3-Dichlorobenzene	6.904	146	51056	5.460	ng		98
13) 1,4-Dichlorobenzene	6.981	146	52031	5.526	ng		100
14) 1,2-Dichlorobenzene	7.134	146	49028	5.474	ng		98
15) Benzyl Alcohol	7.087	79	40295	5.106	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	86727	5.423	ng		100
17) 2-Methylphenol	7.192	107	38278	5.289	ng		97
18) Hexachloroethane	7.481	117	16944	5.198	ng		97
19) n-Nitroso-di-n-propyla...	7.357	70	36103	5.445	ng		98
20) 3+4-Methylphenols	7.345	107	50606	5.763	ng		95
22) Acetophenone	7.357	105	66559	5.569	ng	#	98
24) Nitrobenzene	7.528	77	47902	5.074	ng		96
25) Isophorone	7.769	82	94372	5.279	ng		99
26) 2-Nitrophenol	7.851	139	16827	4.107	ng		98
27) 2,4-Dimethylphenol	7.881	122	44954	5.382	ng		100
28) bis(2-Chloroethoxy)met...	7.981	93	58465	5.455	ng		99
29) 2,4-Dichlorophenol	8.087	162	36884	5.236	ng		97
30) 1,2,4-Trichlorobenzene	8.181	180	41552	5.460	ng		99
31) Naphthalene	8.263	128	141099	5.676	ng		99
32) Benzoic acid	7.881	122	44954	13.661	ng	#	13
33) 4-Chloroaniline	8.304	127	55130	5.431	ng		98
34) Hexachlorobutadiene	8.386	225	24322	5.232	ng		100
35) Caprolactam	8.622	113	9647	4.532	ng		98
36) 4-Chloro-3-methylphenol	8.769	107	40203	5.251	ng		98
37) 2-Methylnaphthalene	8.951	142	84234	5.568	ng		98
38) 1-Methylnaphthalene	9.051	142	86130	5.529	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	41999	5.523	ng		100
41) Hexachlorocyclopentadiene	9.110	237	20668	4.177	ng		99
43) 2,4,6-Trichlorophenol	9.222	196	25730	4.889	ng		100

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143141.D
Acq On : 17 Jul 2025 11:34
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Jul 17 15:01:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.257	196	26626	5.057	ng		98
46) 1,1'-Biphenyl	9.416	154	115130	5.602	ng		100
47) 2-Chloronaphthalene	9.439	162	83495	5.491	ng		98
48) 2-Nitroaniline	9.522	65	20076	4.210	ng		95
49) Acenaphthylene	9.857	152	140525	5.514	ng		98
50) Dimethylphthalate	9.704	163	93611	5.452	ng		99
51) 2,6-Dinitrotoluene	9.763	165	14787	4.234	ng		90
52) Acenaphthene	10.028	154	84160	5.588	ng		99
53) 3-Nitroaniline	9.928	138	18738	4.587	ng		94
54) 2,4-Dinitrophenol	10.033	184	2389	8.047	ng	#	1
55) Dibenzofuran	10.198	168	127035	5.681	ng		97
56) 4-Nitrophenol	10.075	139	11894	3.899	ng		99
57) 2,4-Dinitrotoluene	10.163	165	17709	4.041	ng		92
58) Fluorene	10.539	166	97477	5.808	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.316	232	21108	4.840	ng	#	97
60) Diethylphthalate	10.404	149	90651	5.342	ng		99
61) 4-Chlorophenyl-phenyle...	10.533	204	46747	5.594	ng		98
62) 4-Nitroaniline	10.533	138	15568	4.446	ng		96
63) Azobenzene	10.692	77	95602	5.405	ng		99
65) 4,6-Dinitro-2-methylph...	10.569	198	4692	7.249	ng		90
66) n-Nitrosodiphenylamine	10.645	169	82281	5.405	ng		100
67) 4-Bromophenyl-phenylether	11.022	248	27259	5.291	ng		97
68) Hexachlorobenzene	11.092	284	29052	5.395	ng		98
69) Atrazine	11.169	200	19865	4.733	ng		99
70) Pentachlorophenol	11.280	266	11294	3.566	ng		98
71) Phenanthrene	11.504	178	128762	5.609	ng		100
72) Anthracene	11.557	178	127938	5.465	ng		98
73) Carbazole	11.704	167	112588	5.507	ng		99
74) Di-n-butylphthalate	12.039	149	116291	5.027	ng		99
75) Fluoranthene	12.692	202	117249	5.565	ng		99
77) Benzidine	12.804	184	47236	4.846	ng		98
78) Pyrene	12.922	202	120767	5.593	ng		98
80) Butylbenzylphthalate	13.533	149	27699	4.189	ng		97
81) Benzo(a)anthracene	14.104	228	86920	5.131	ng		98
82) 3,3'-Dichlorobenzidine	14.063	252	26392	4.675	ng		99
83) Chrysene	14.139	228	81091	5.325	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	43732	4.370	ng		99
85) Di-n-octyl phthalate	14.710	149	75225	4.147	ng		98
87) Indeno(1,2,3-cd)pyrene	17.139	276	91076	5.047	ng		100
88) Benzo(b)fluoranthene	15.174	252	78749	5.037	ng		99
89) Benzo(k)fluoranthene	15.204	252	74738	5.358	ng		98
90) Benzo(a)pyrene	15.551	252	72196	5.012	ng		98
91) Dibenzo(a,h)anthracene	17.162	278	74120	5.047	ng		100
92) Benzo(g,h,i)perylene	17.604	276	70403	4.955	ng		99

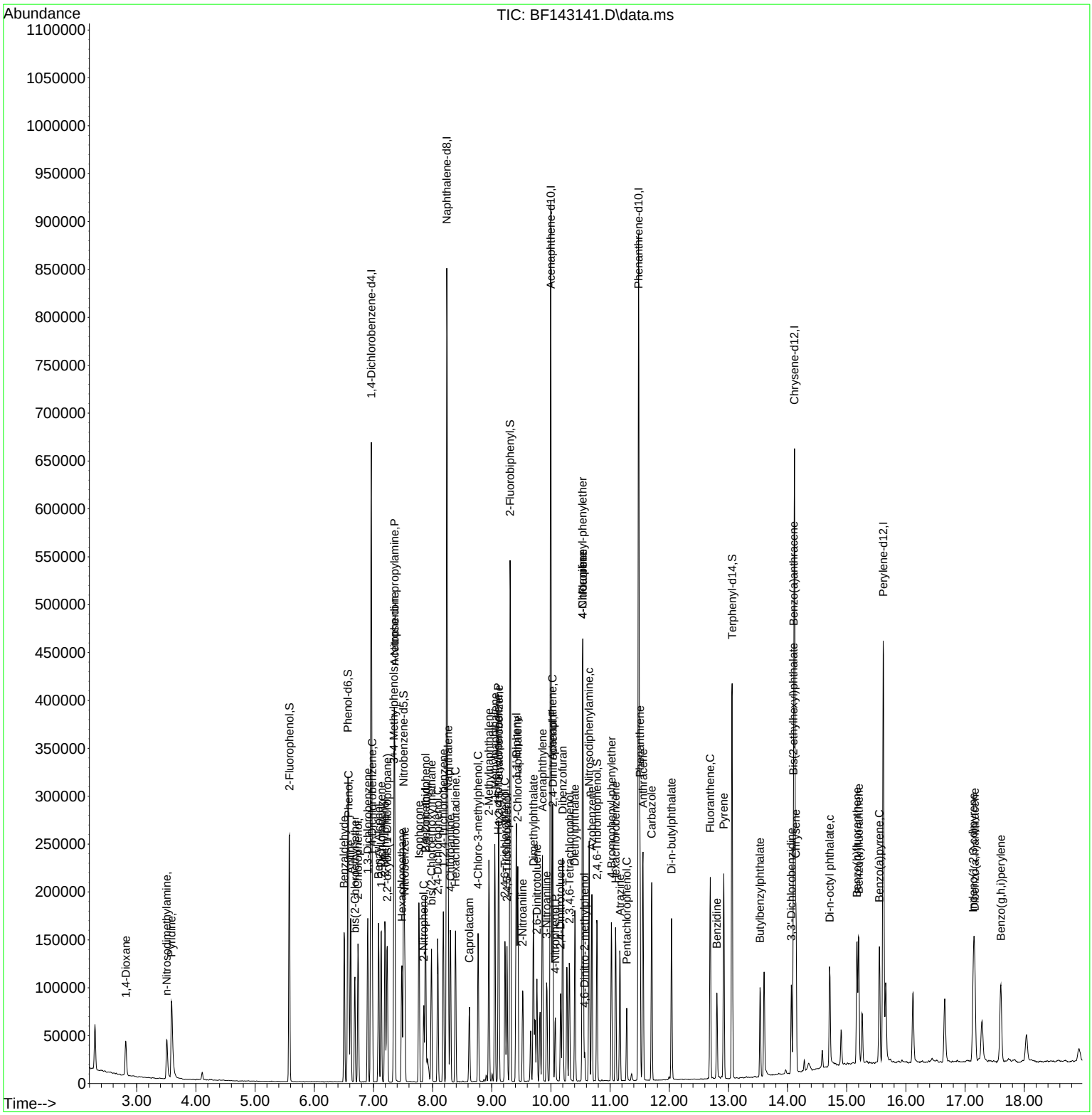
(#) = qualifier out of range (m) = manual integration (+) = signals summed

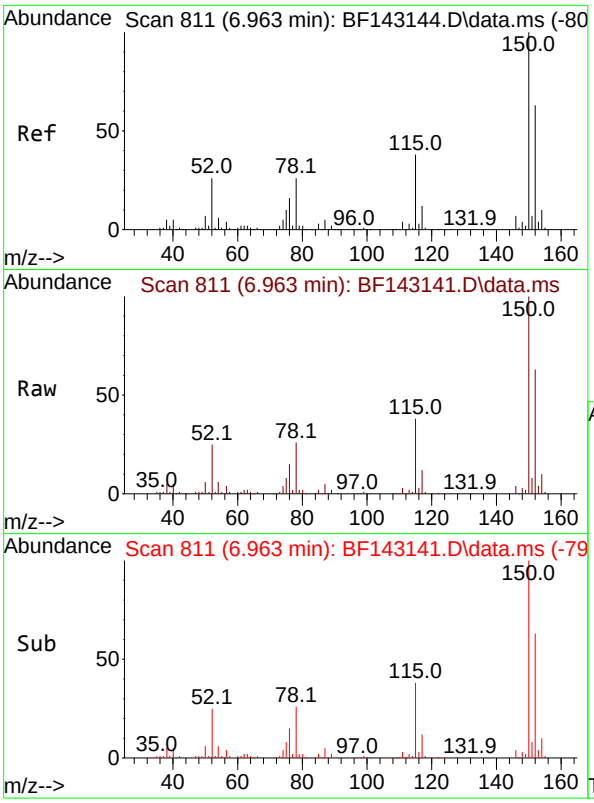
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143141.D
Acq On : 17 Jul 2025 11:34
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Jul 17 15:01:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration



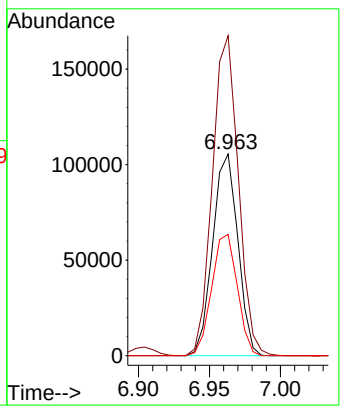


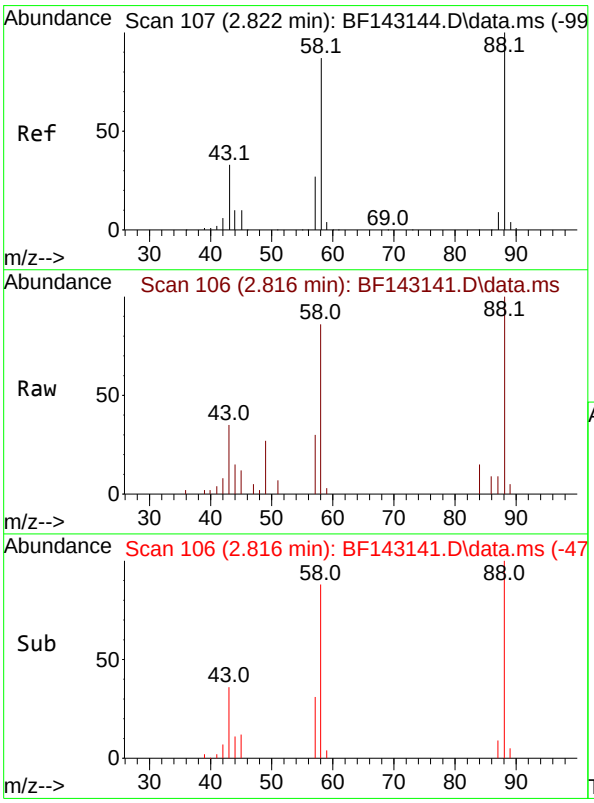
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 129942

Ion	Ratio	Lower	Upper
152	100		
150	158.7	128.2	192.4
115	60.2	47.9	71.9

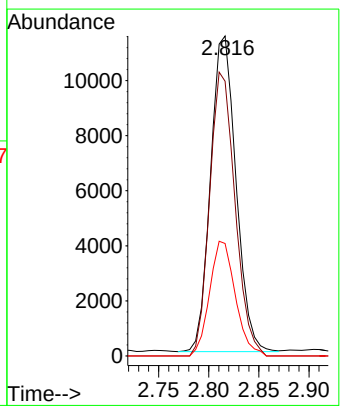


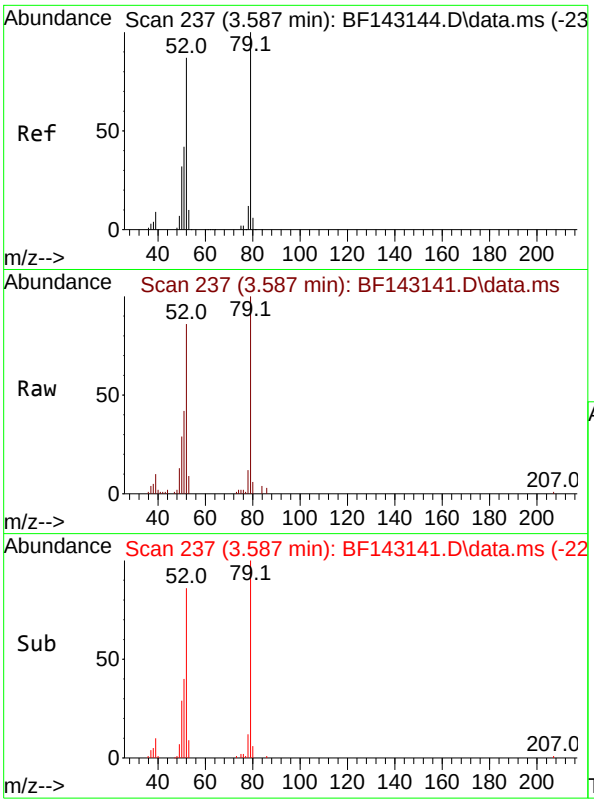


#2
1,4-Dioxane
Concen: 5.201 ng
RT: 2.816 min Scan# 106
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 88 Resp: 20208

Ion	Ratio	Lower	Upper
88	100		
58	89.6	70.2	105.2
43	36.7	27.1	40.7



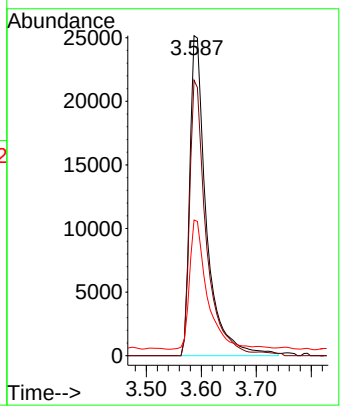


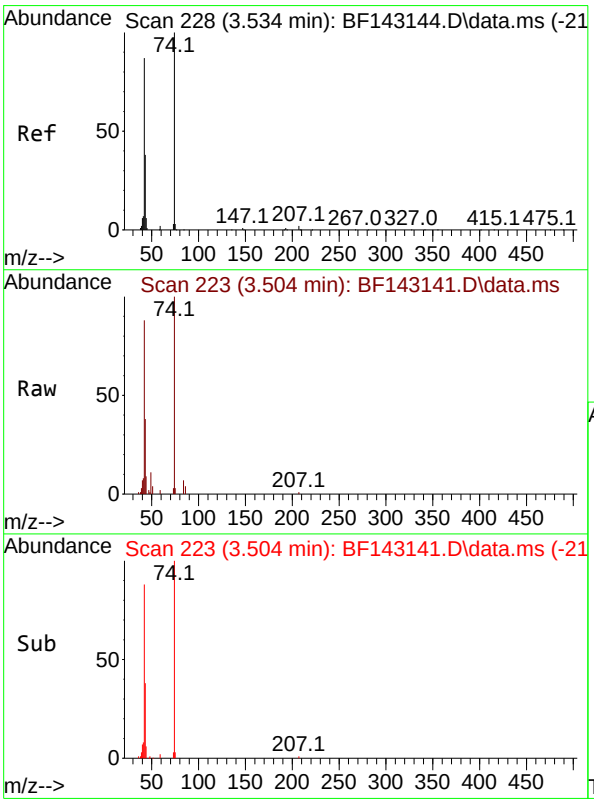
#3
Pyridine
Concen: 5.254 ng
RT: 3.587 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 52981

Ion	Ratio	Lower	Upper
79	100		
52	86.1	69.4	104.2
51	42.4	33.5	50.3

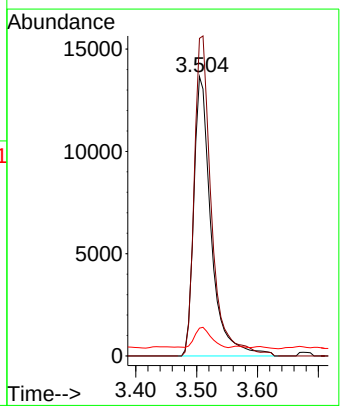


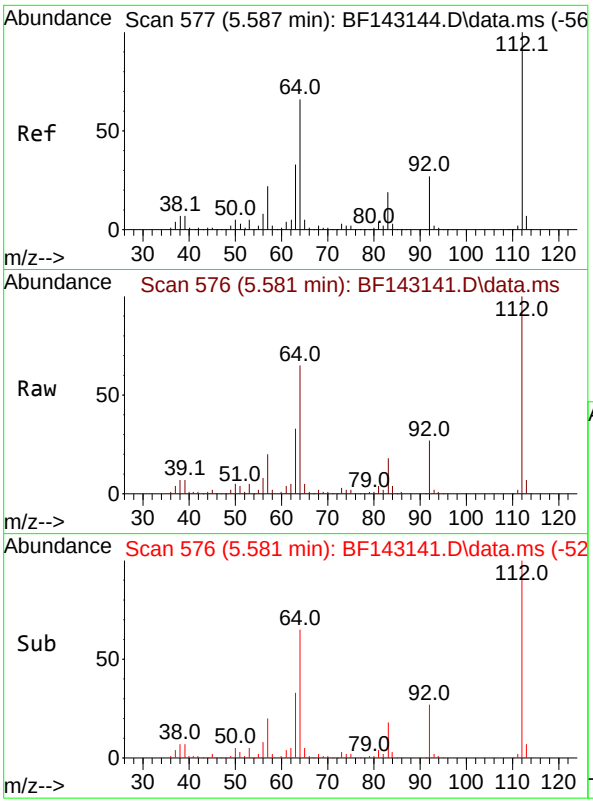


#4
n-Nitrosodimethylamine
Concen: 5.176 ng
RT: 3.504 min Scan# 223
Delta R.T. -0.029 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 42 Resp: 26949

Ion	Ratio	Lower	Upper
42	100		
74	113.7	91.7	137.5
44	10.0	5.6	8.4#



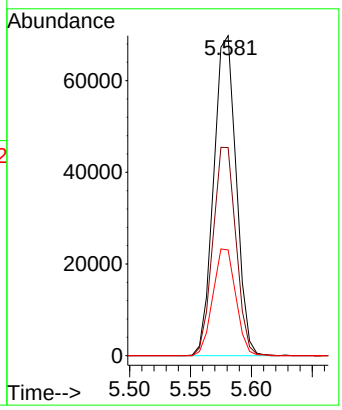


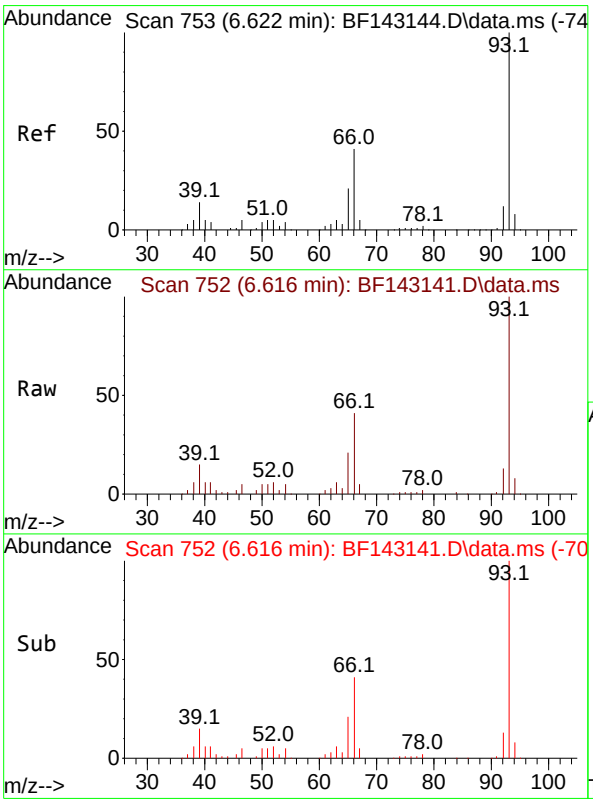
#5
2-Fluorophenol
Concen: 10.955 ng
RT: 5.581 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:112 Resp: 89958

Ion	Ratio	Lower	Upper
112	100		
64	65.1	53.1	79.7
63	33.1	26.6	40.0

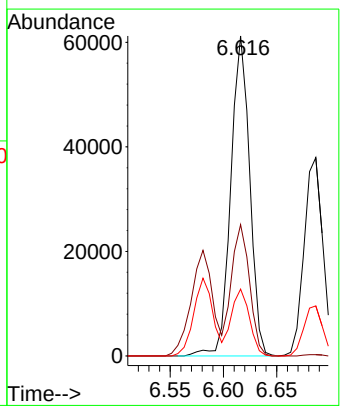


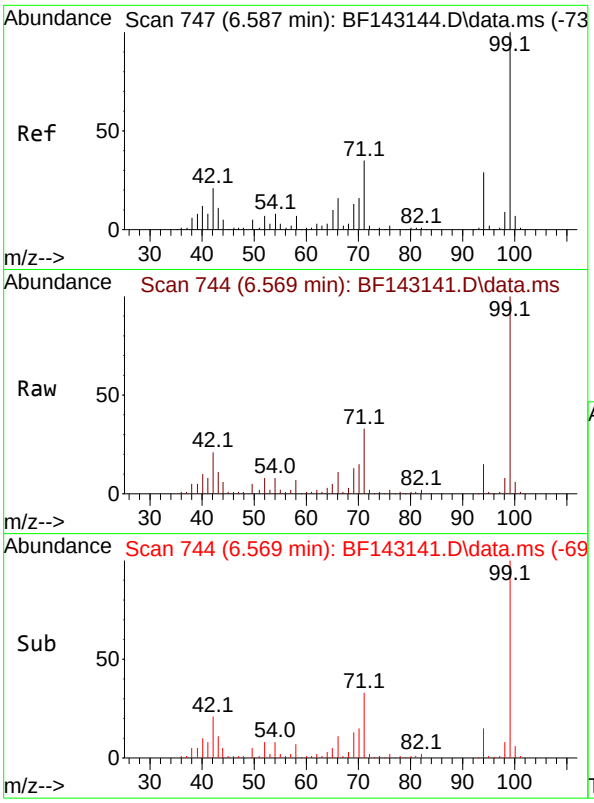


#6
Aniline
Concen: 5.263 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 93 Resp: 75811

Ion	Ratio	Lower	Upper
93	100		
66	41.0	33.2	49.8
65	20.9	16.9	25.3



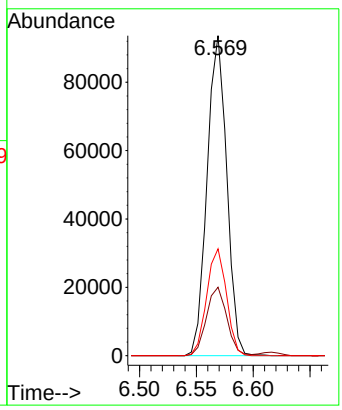


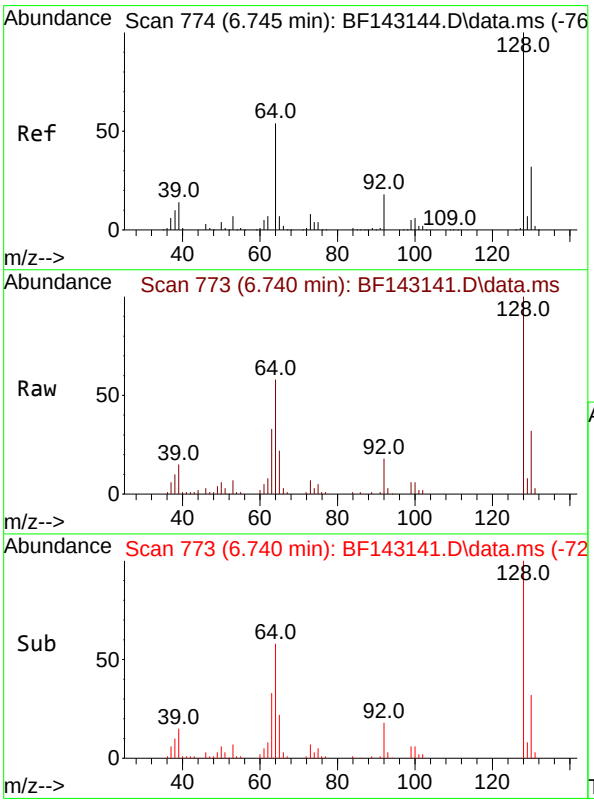
#7
Phenol-d6
Concen: 10.892 ng
RT: 6.569 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 112575

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.0	25.6
71	33.4	27.7	41.5

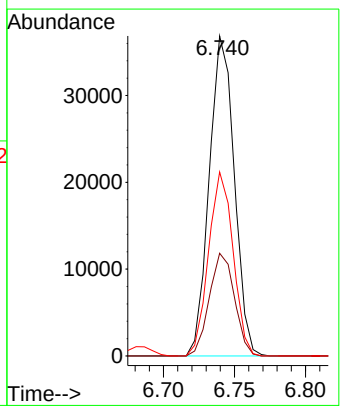


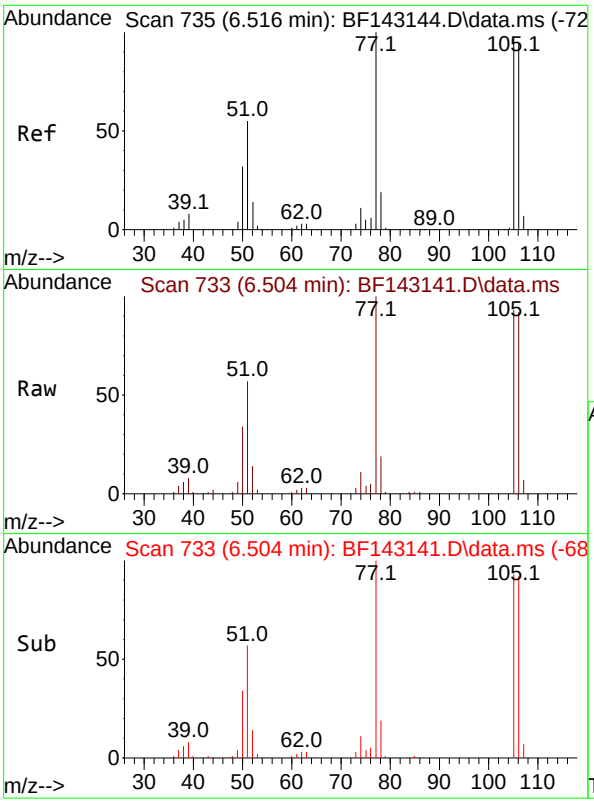


#8
2-Chlorophenol
Concen: 5.252 ng
RT: 6.740 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:128 Resp: 45203

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.3	52.3
64	57.5	35.9	75.9



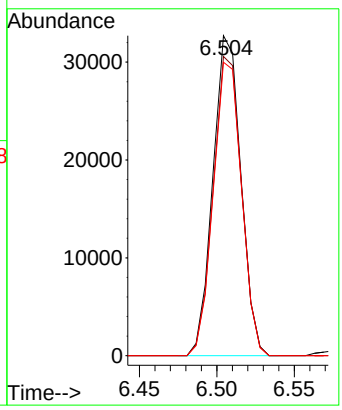


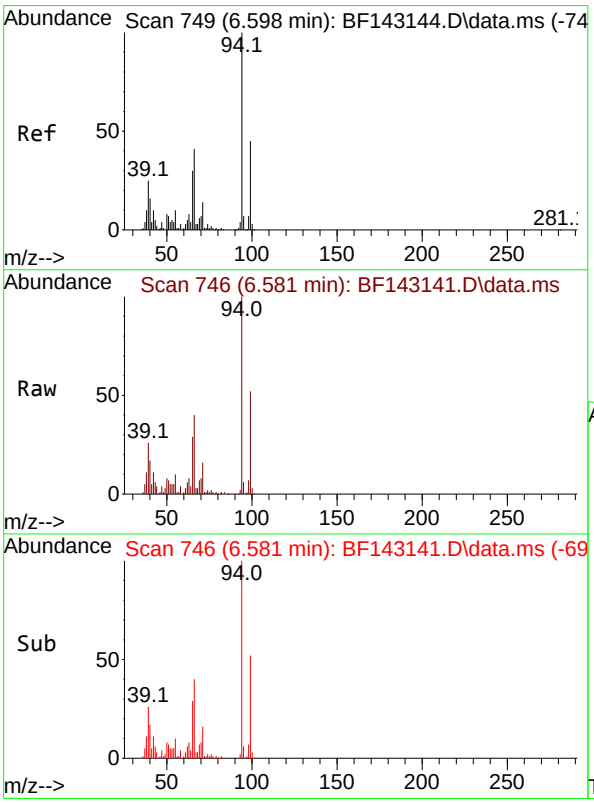
#9
Benzaldehyde
Concen: 5.294 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 41029

Ion	Ratio	Lower	Upper
77	100		
105	93.5	76.8	116.8
106	91.7	74.4	114.4

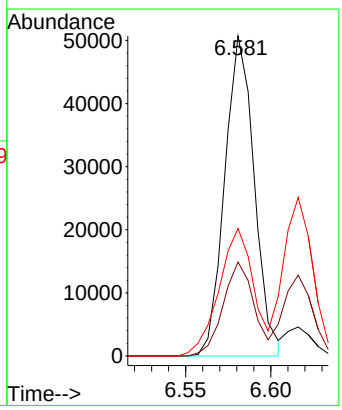


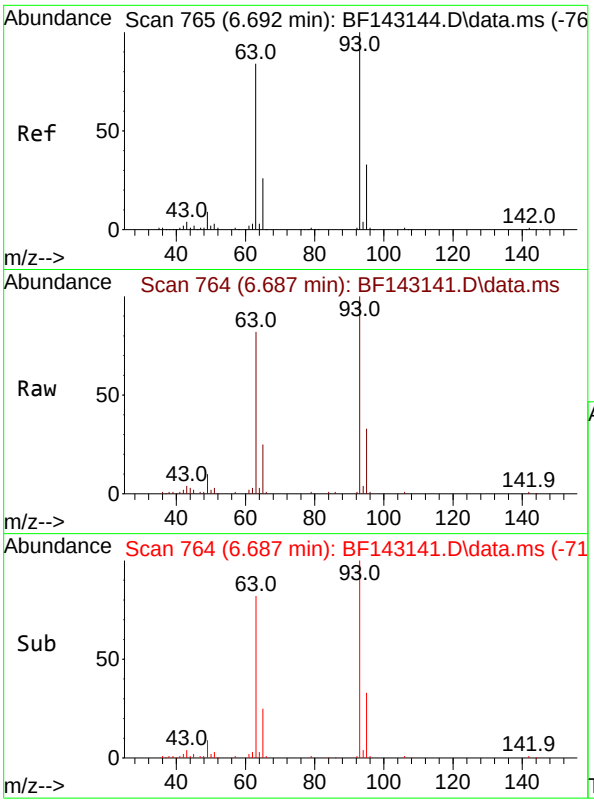


#10
Phenol
Concen: 5.431 ng
RT: 6.581 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 94 Resp: 61148

Ion	Ratio	Lower	Upper
94	100		
65	29.4	10.0	50.0
66	39.8	20.8	60.8



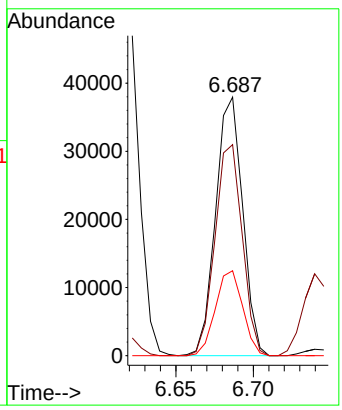


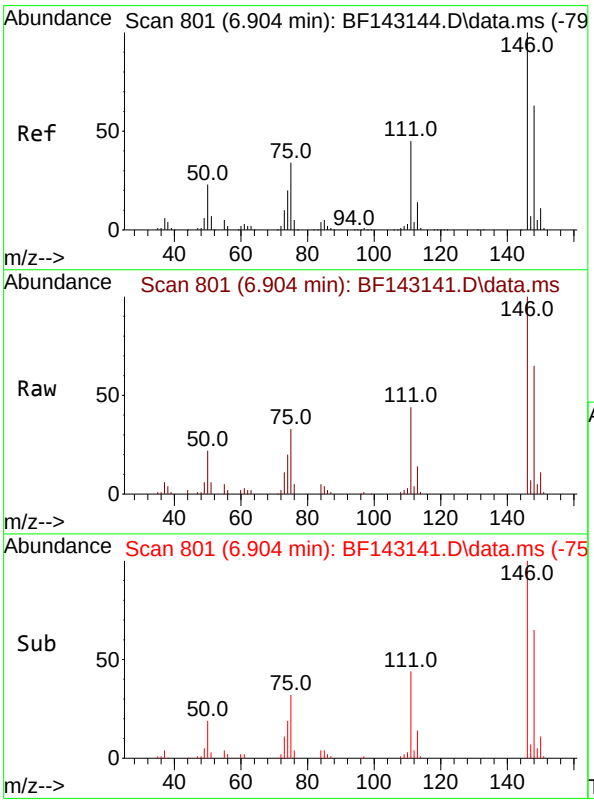
#11
bis(2-Chloroethyl)ether
Concen: 5.345 ng
RT: 6.687 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 46083

Ion	Ratio	Lower	Upper
93	100		
63	81.6	63.4	103.4
95	32.9	12.4	52.4

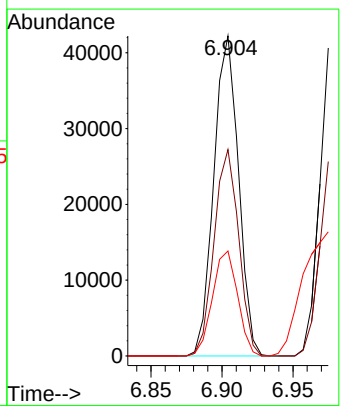


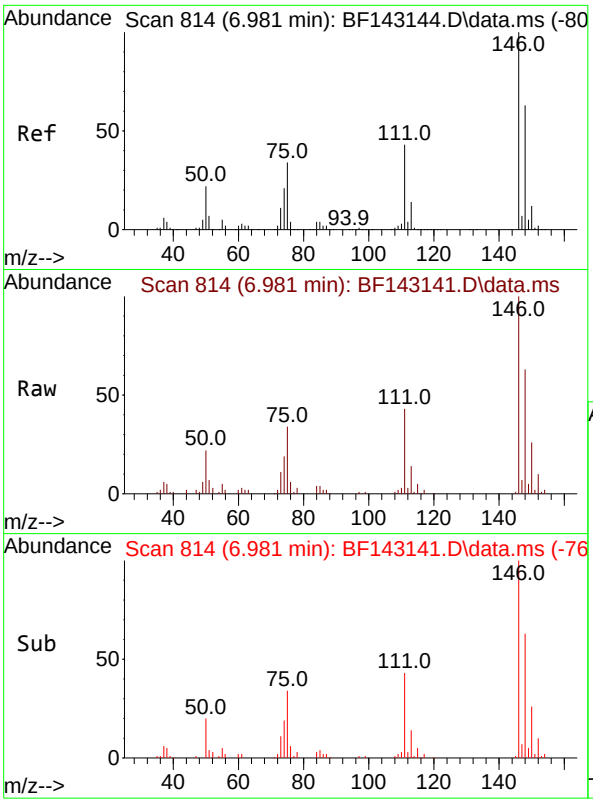


#12
1,3-Dichlorobenzene
Concen: 5.460 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:146 Resp: 51056

Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	76.0
75	32.8	27.4	41.2



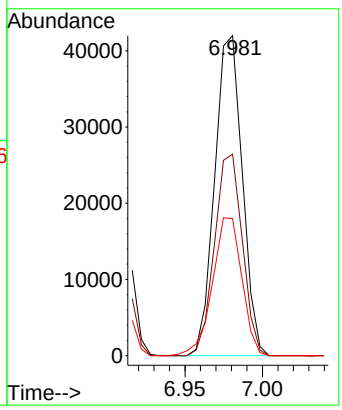


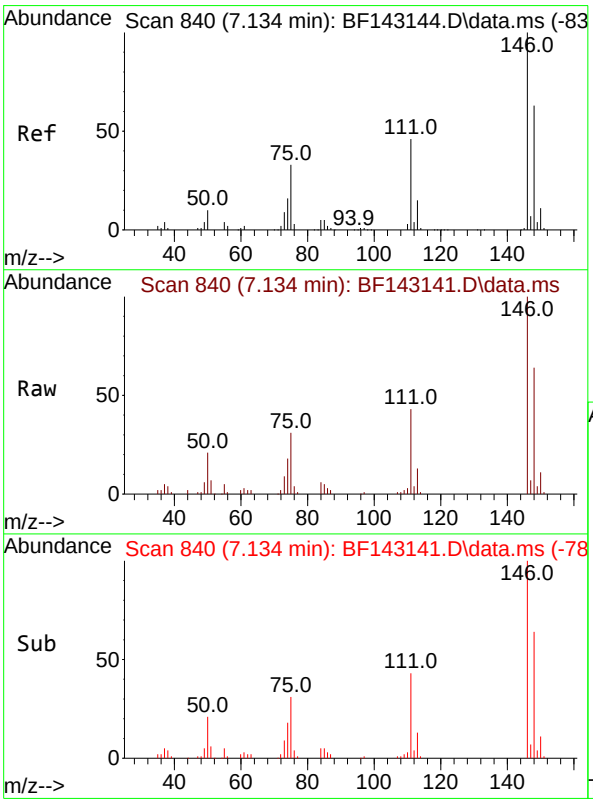
#13
1,4-Dichlorobenzene
Concen: 5.526 ng
RT: 6.981 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:146 Resp: 52031

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.3	75.5
111	42.8	34.4	51.6

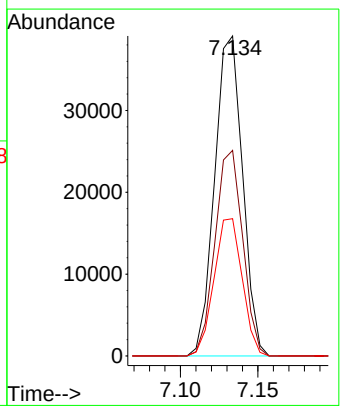


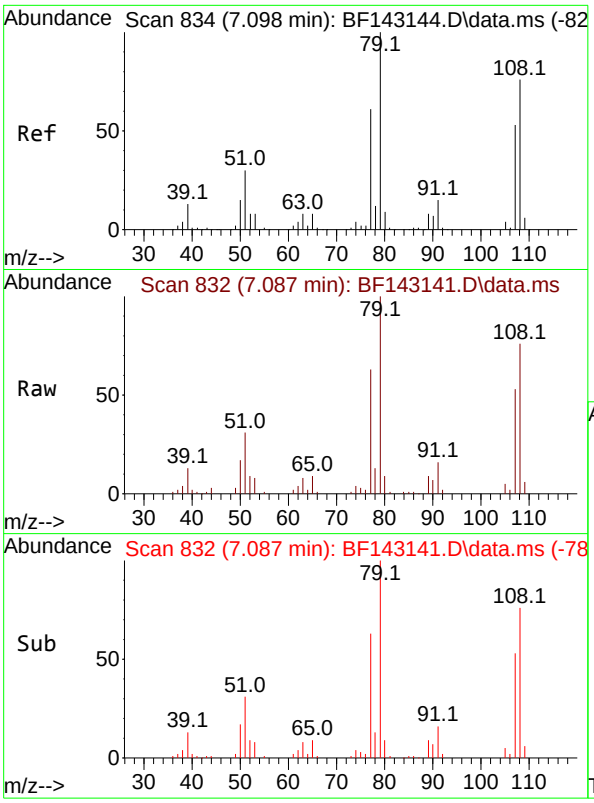


#14
1,2-Dichlorobenzene
Concen: 5.474 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:146 Resp: 49028

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.7	76.1
111	42.9	36.6	54.8



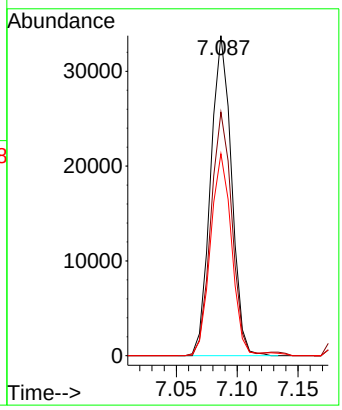


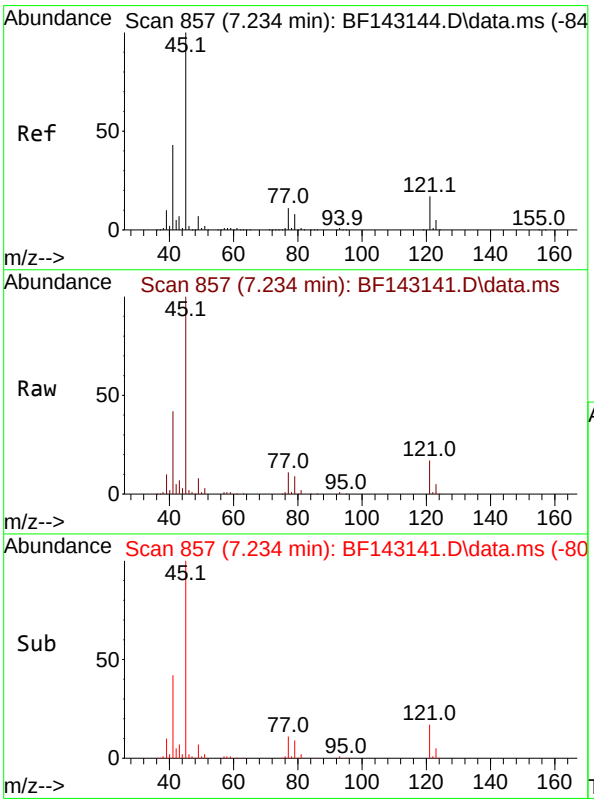
#15
Benzyl Alcohol
Concen: 5.106 ng
RT: 7.087 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 40295

Ion	Ratio	Lower	Upper
79	100		
108	76.1	61.1	91.7
77	63.1	48.9	73.3

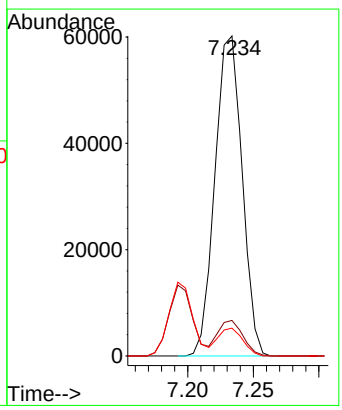


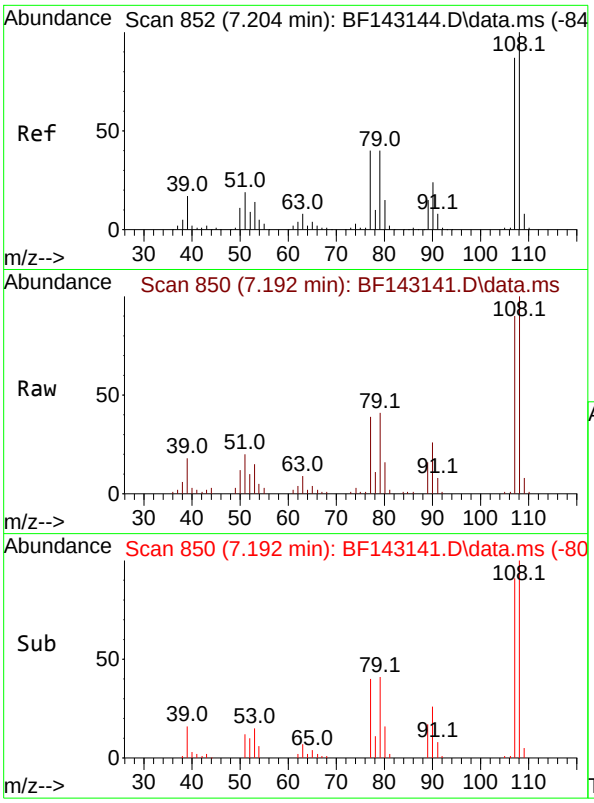


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.423 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 45 Resp: 86727

Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	31.2
79	8.7	0.0	28.5



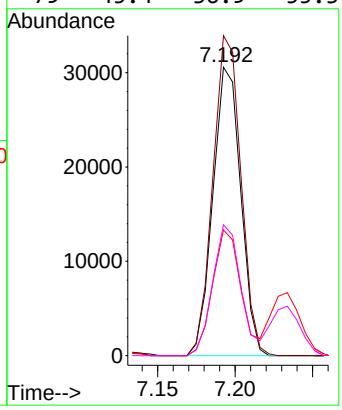


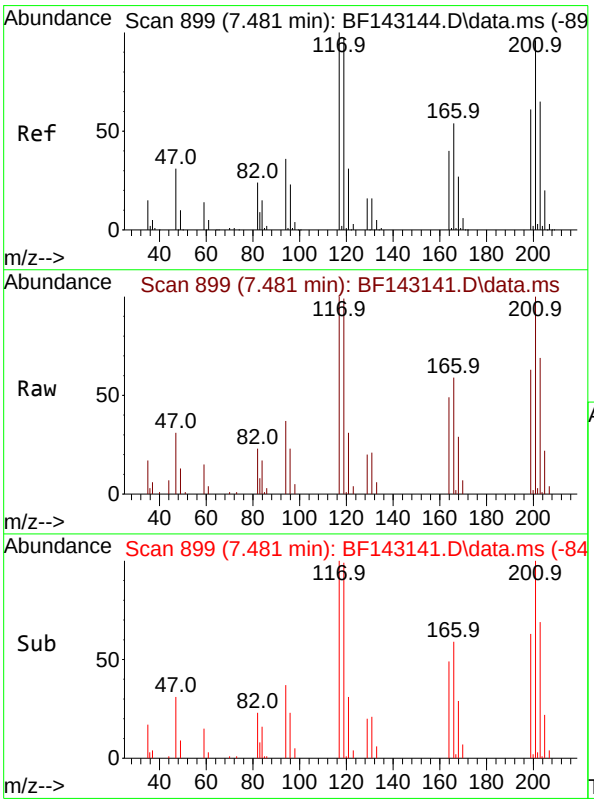
#17
2-Methylphenol
Concen: 5.289 ng
RT: 7.192 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 38278

Ion	Ratio	Lower	Upper
107	100		
108	110.9	91.8	137.6
77	43.6	37.0	55.6
79	45.4	36.9	55.3

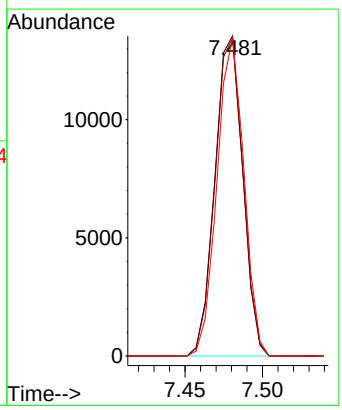


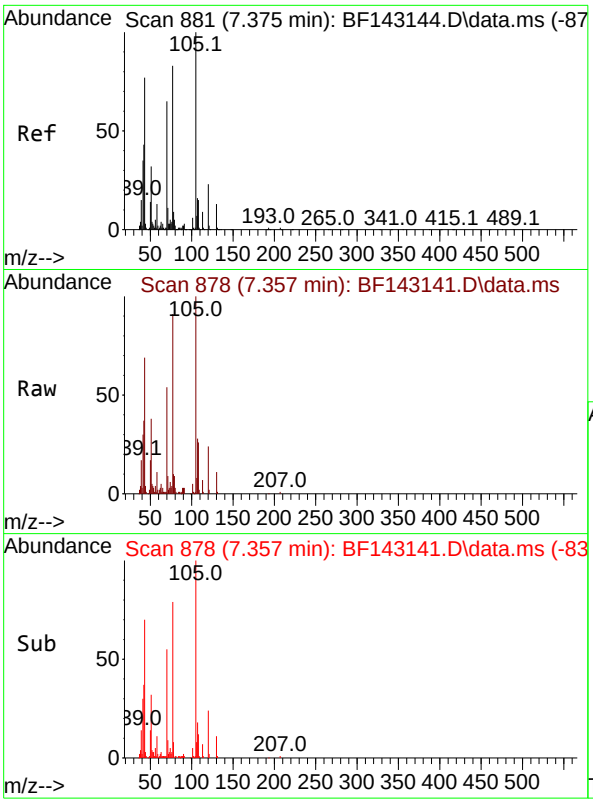


#18
Hexachloroethane
Concen: 5.198 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:117 Resp: 16944

Ion	Ratio	Lower	Upper
117	100		
119	99.4	77.8	116.8
201	99.6	77.0	115.4



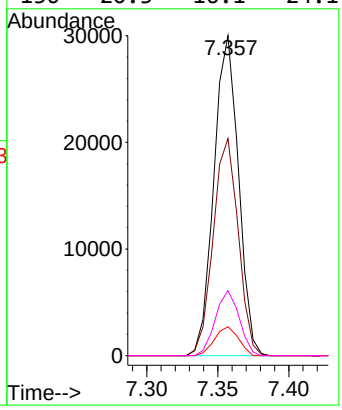


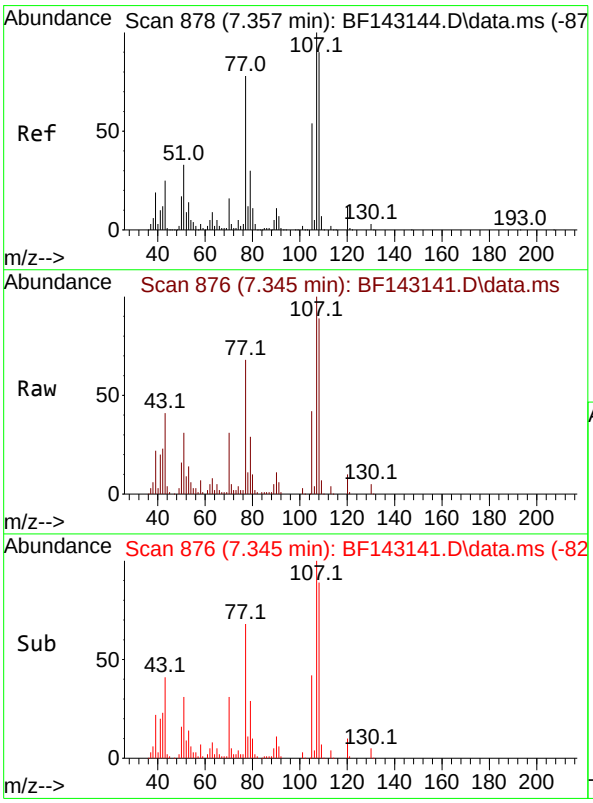
#19
n-Nitroso-di-n-propylamine
Concen: 5.445 ng
RT: 7.357 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 70 Resp: 36103

Ion	Ratio	Lower	Upper
70	100		
42	67.8	52.5	78.7
101	9.0	7.6	11.4
130	20.3	16.1	24.1

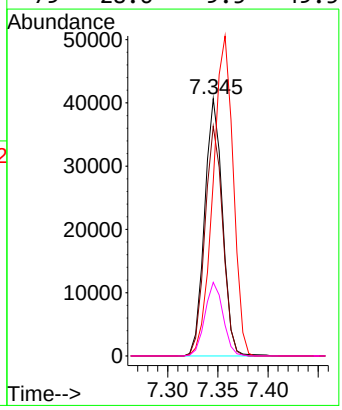


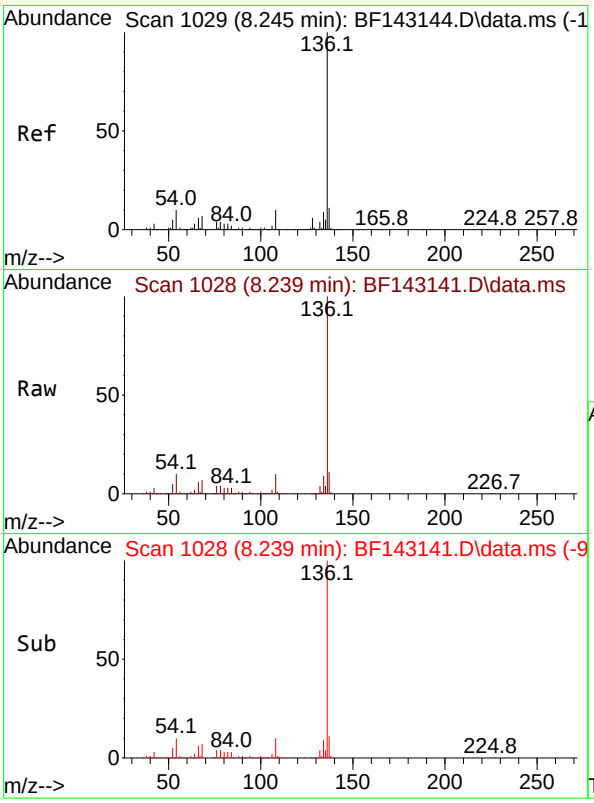


#20
3+4-Methylphenols
Concen: 5.763 ng
RT: 7.345 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:107 Resp: 50606

Ion	Ratio	Lower	Upper
107	100		
108	89.3	70.0	110.0
77	67.7	57.8	97.8
79	28.6	9.5	49.5



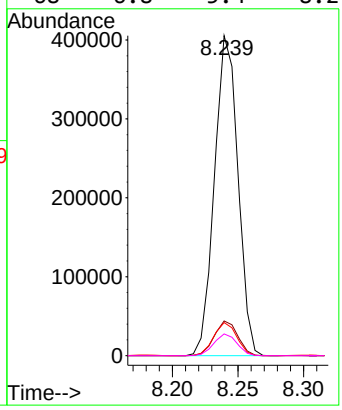


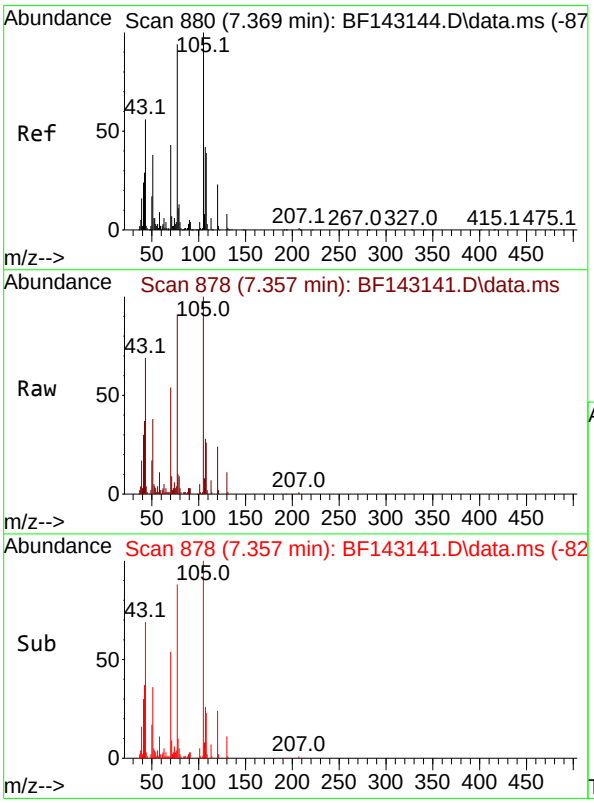
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 504796

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.3	8.2	12.2
68	6.8	5.4	8.2

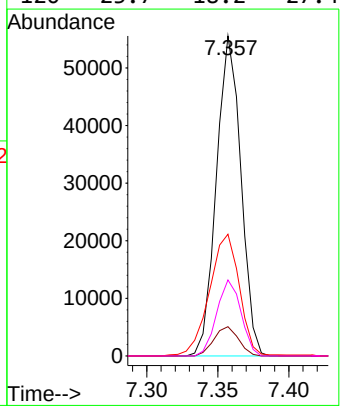


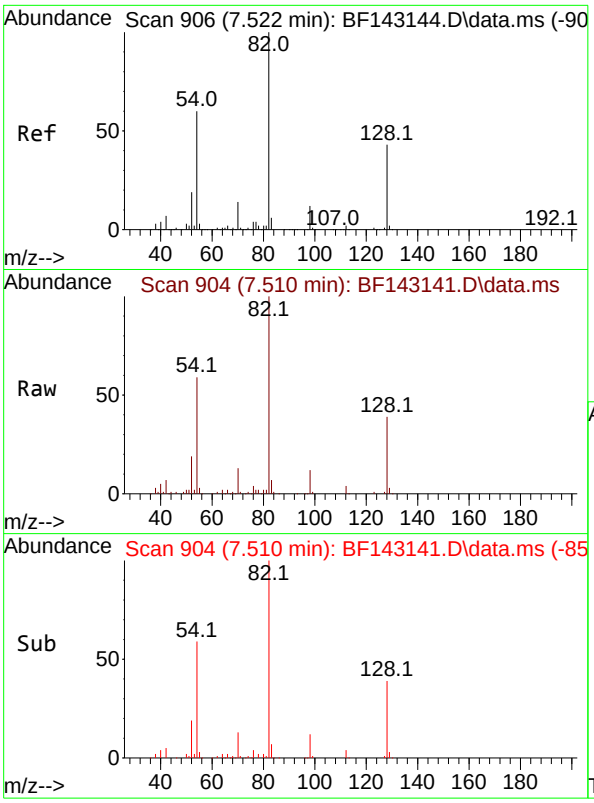


#22
Acetophenone
Concen: 5.569 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:105 Resp: 66559

Ion	Ratio	Lower	Upper
105	100		
71	9.1	5.8	8.6#
51	38.1	30.2	45.2
120	23.7	18.2	27.4



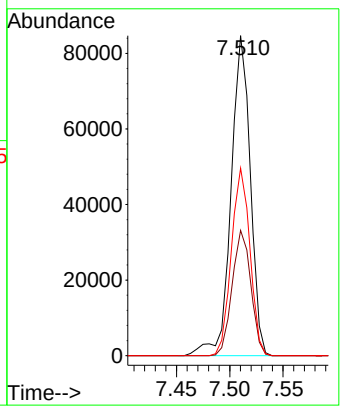


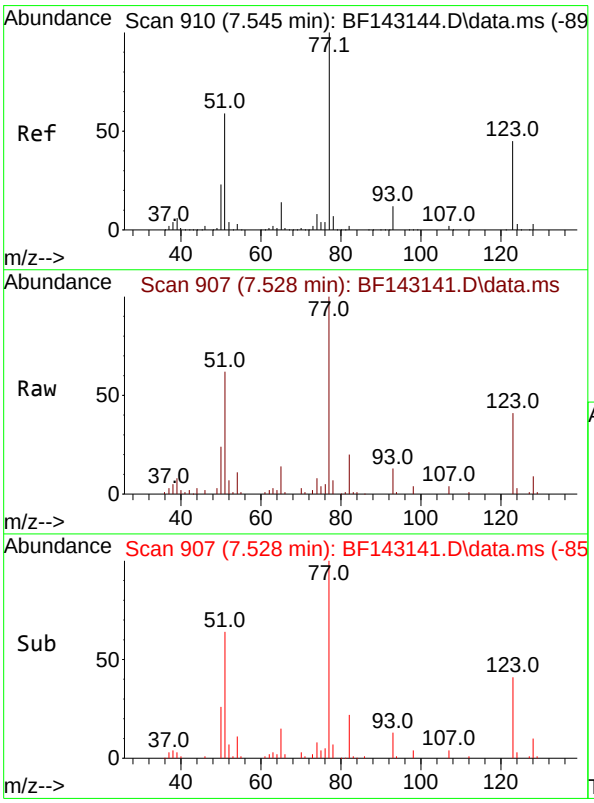
#23
Nitrobenzene-d5
Concen: 10.533 ng
RT: 7.510 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 106670

Ion	Ratio	Lower	Upper
82	100		
128	39.1	33.6	50.4
54	58.6	47.1	70.7

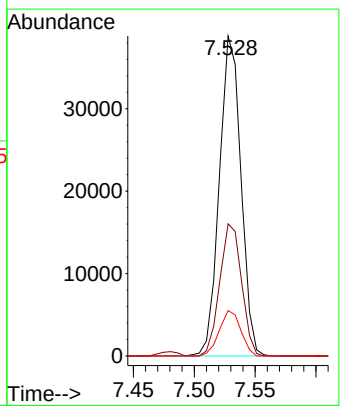


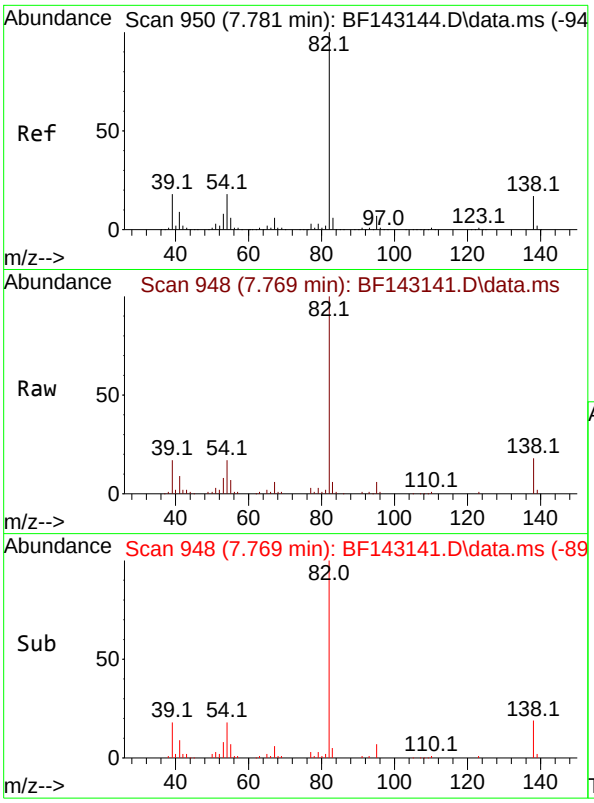


#24
Nitrobenzene
Concen: 5.074 ng
RT: 7.528 min Scan# 907
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 77 Resp: 47902

Ion	Ratio	Lower	Upper
77	100		
123	41.3	36.1	54.1
65	14.2	11.4	17.2



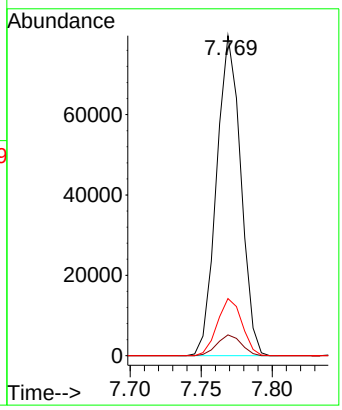


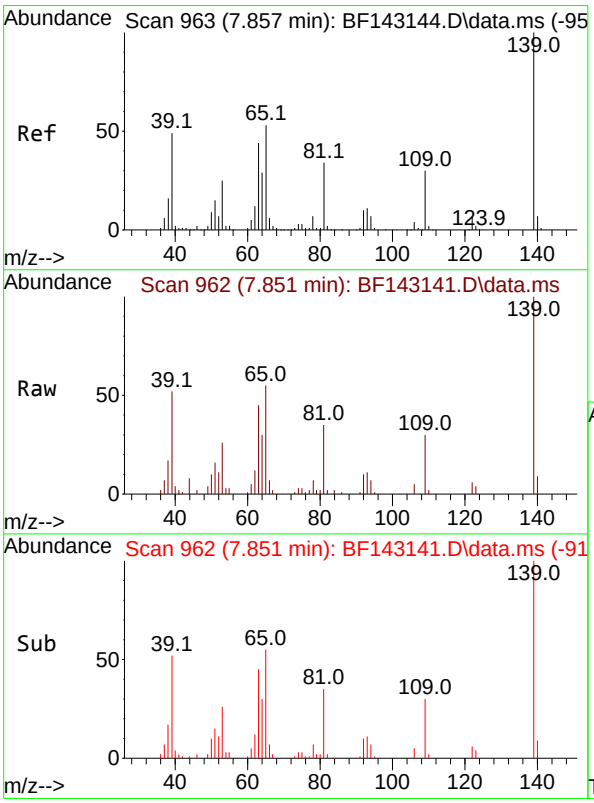
#25
Isophorone
Concen: 5.279 ng
RT: 7.769 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 94372

Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.5	8.3
138	17.8	13.8	20.8

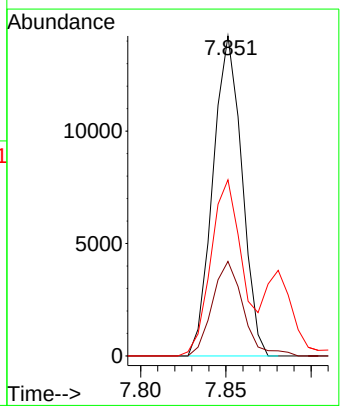


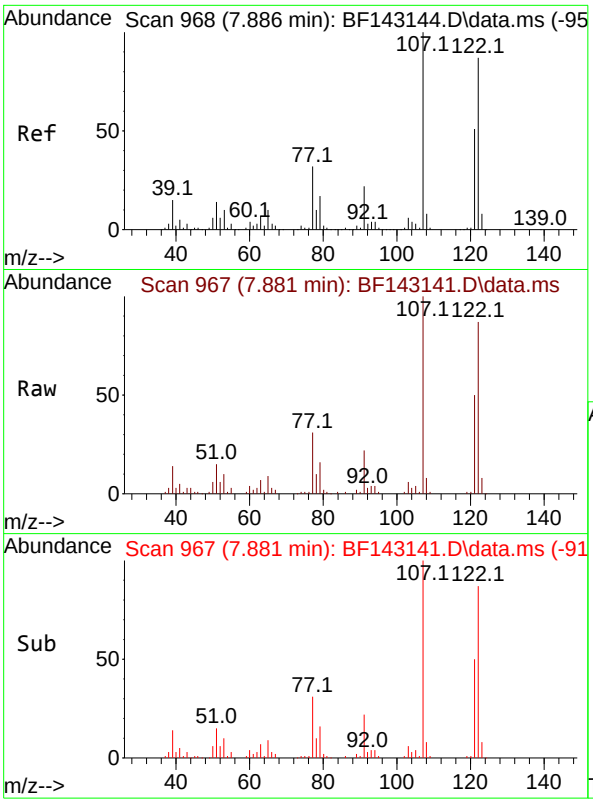


#26
2-Nitrophenol
Concen: 4.107 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:139 Resp: 16827

Ion	Ratio	Lower	Upper
139	100		
109	29.5	23.6	35.4
65	55.0	42.6	64.0



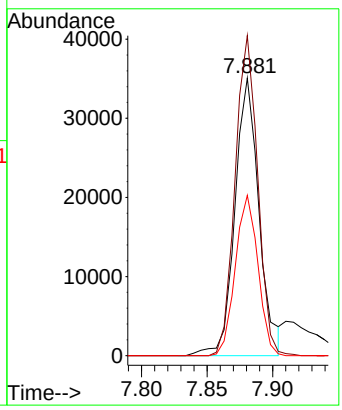


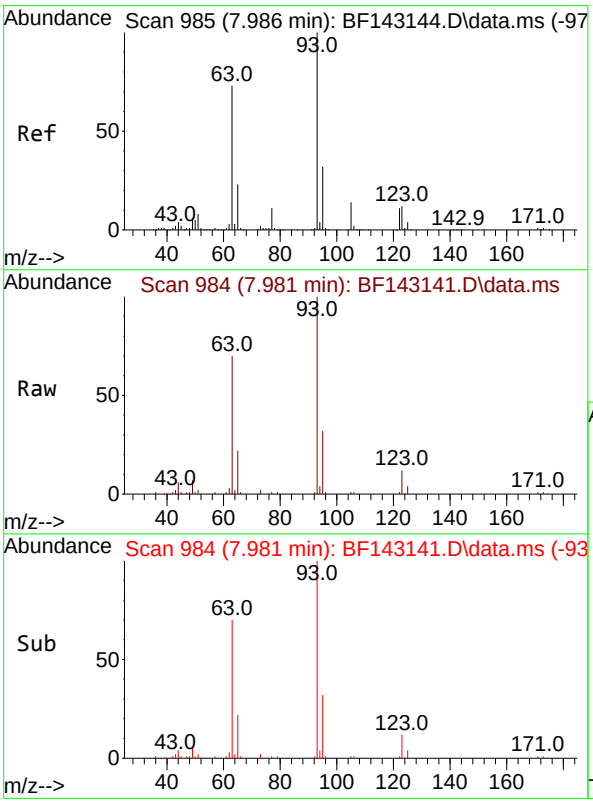
#27
2,4-Dimethylphenol
Concen: 5.382 ng
RT: 7.881 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:122 Resp: 44954

Ion	Ratio	Lower	Upper
122	100		
107	115.3	91.8	137.6
121	57.8	46.3	69.5

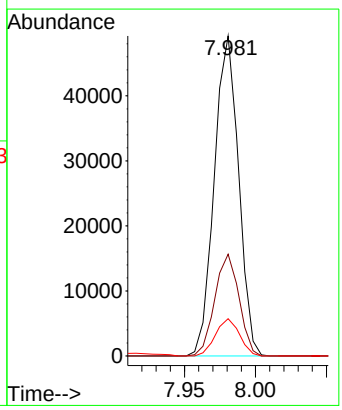


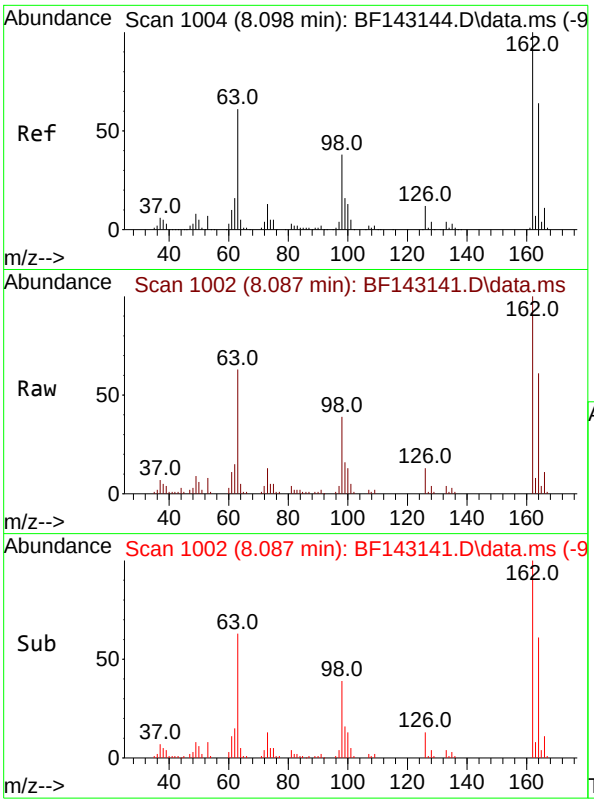


#28
bis(2-Chloroethoxy)methane
Concen: 5.455 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 93 Resp: 58465

Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.8	38.6
123	11.7	9.7	14.5



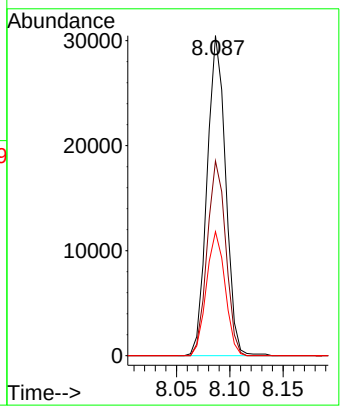


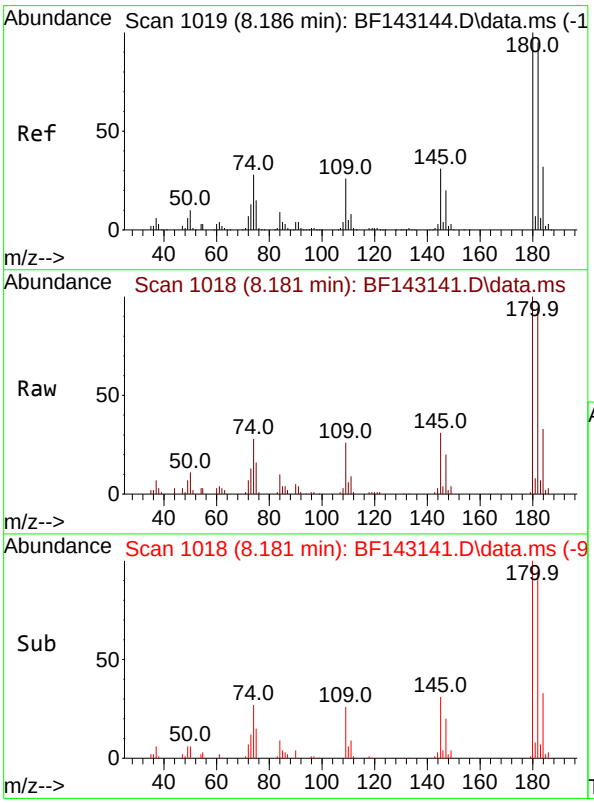
#29
2,4-Dichlorophenol
Concen: 5.236 ng
RT: 8.087 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 36884

Ion	Ratio	Lower	Upper
162	100		
164	60.8	44.2	84.2
98	38.7	17.9	57.9

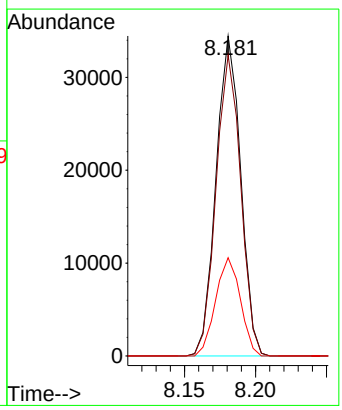


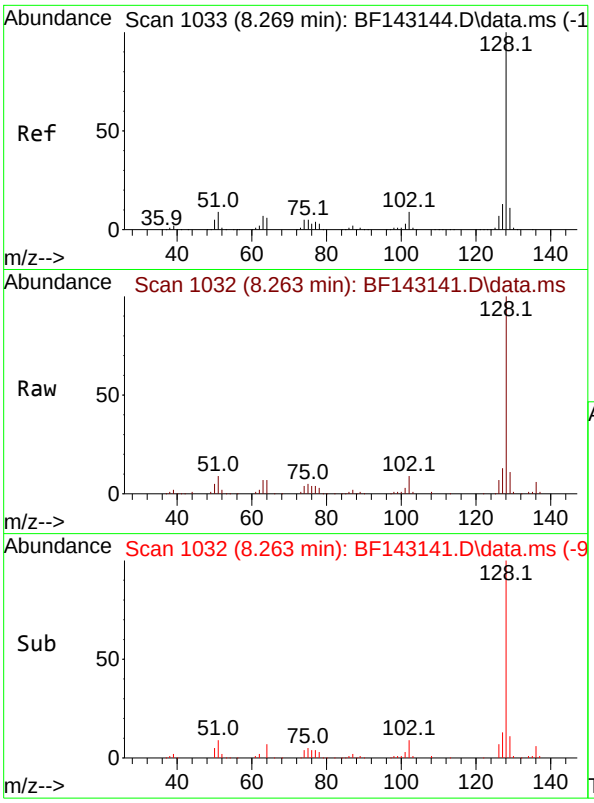


#30
1,2,4-Trichlorobenzene
Concen: 5.460 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:180 Resp: 41552

Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.2	114.2
145	30.7	25.0	37.6



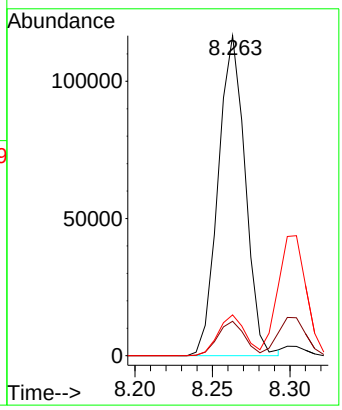


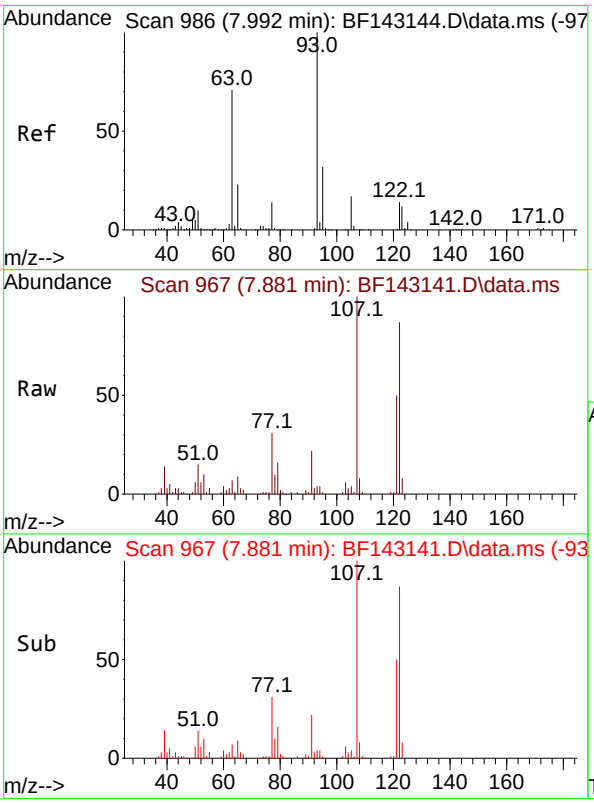
#31
Naphthalene
Concen: 5.676 ng
RT: 8.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 141099

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	12.7	10.6	16.0

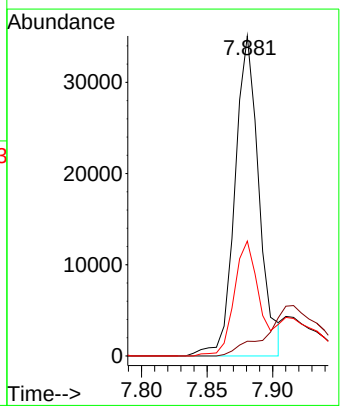


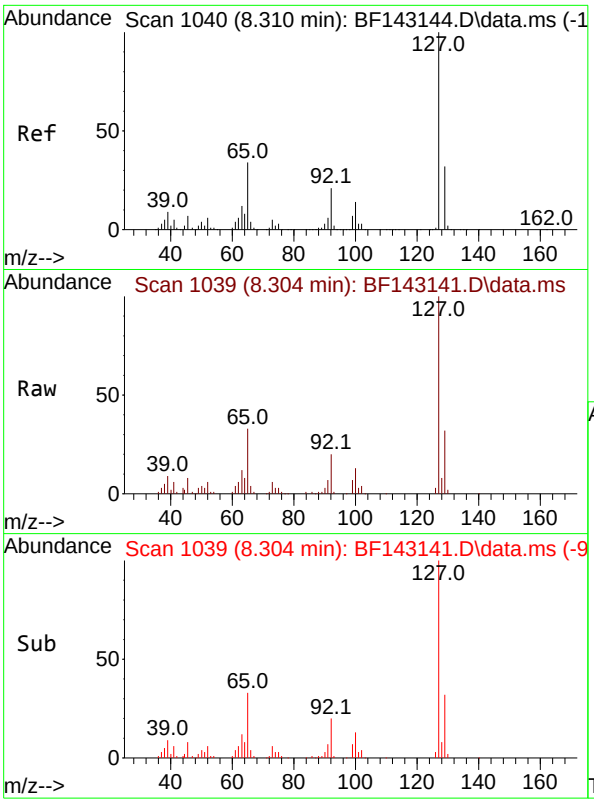


#32
Benzoic acid
Concen: 13.661 ng
RT: 7.881 min Scan# 967
Delta R.T. -0.111 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:122 Resp: 44954

Ion	Ratio	Lower	Upper
122	100		
105	4.6	104.8	144.8#
77	35.9	77.6	117.6#



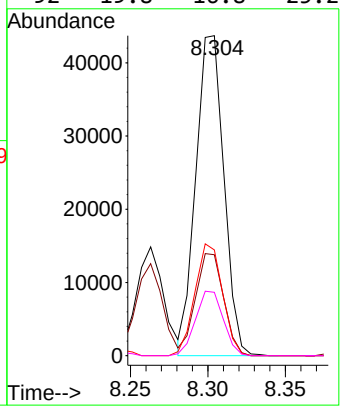


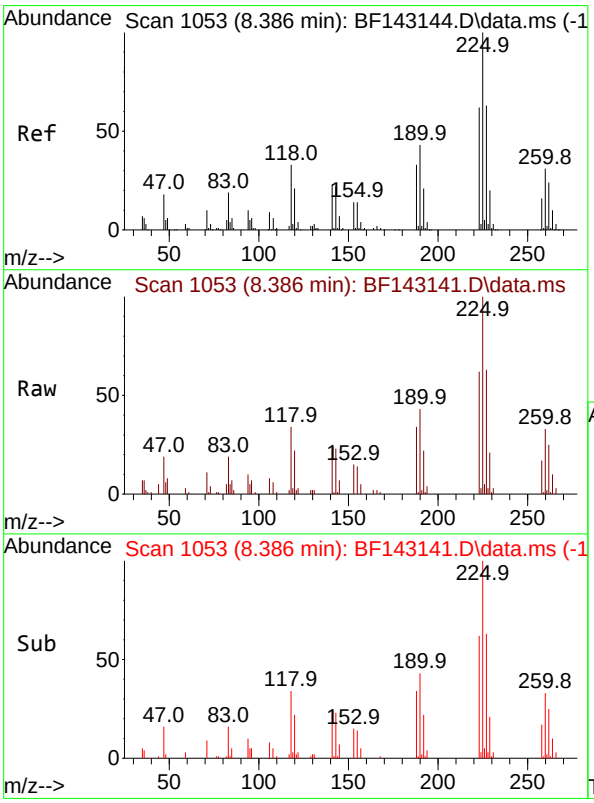
#33
4-Chloroaniline
Concen: 5.431 ng
RT: 8.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:127 Resp: 55130

Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.0	39.0
65	33.0	27.4	41.2
92	19.8	16.8	25.2

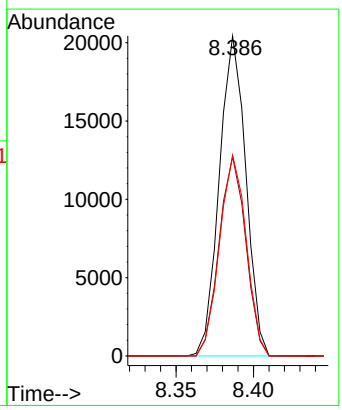


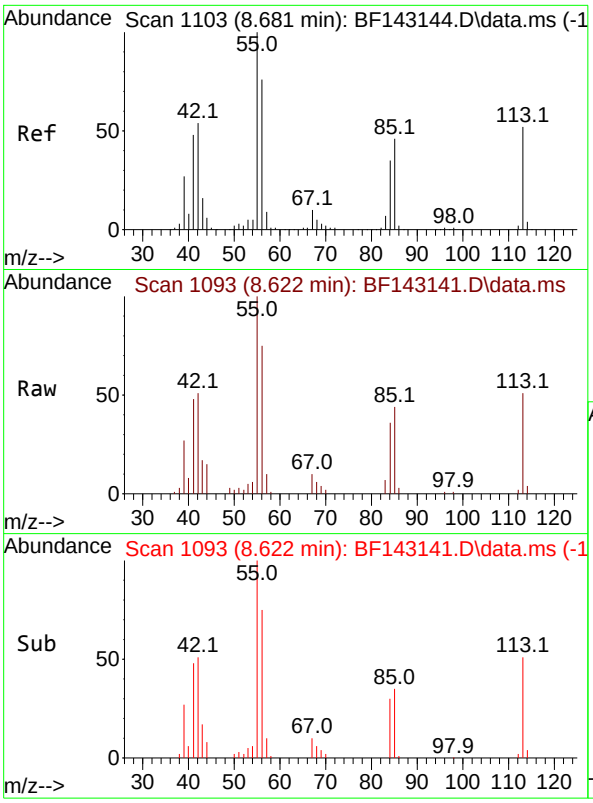


#34
Hexachlorobutadiene
Concen: 5.232 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:225 Resp: 24322

Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.6
227	62.8	50.2	75.4



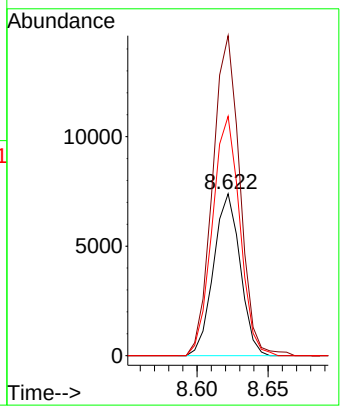


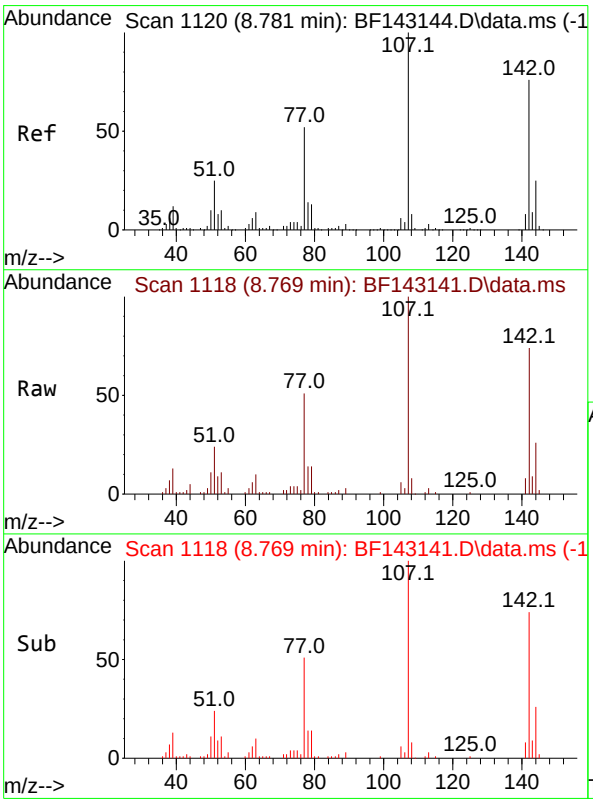
#35
Caprolactam
Concen: 4.532 ng
RT: 8.622 min Scan# 1
Delta R.T. -0.059 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:113 Resp: 9647

Ion	Ratio	Lower	Upper
113	100		
55	197.6	174.0	214.0
56	147.8	126.6	166.6

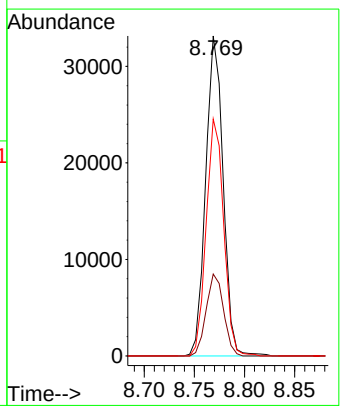


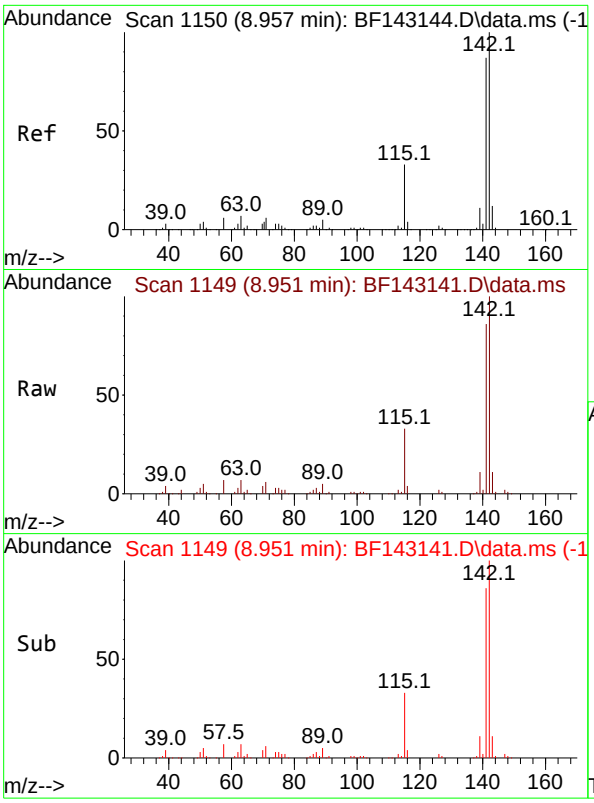


#36
4-Chloro-3-methylphenol
Concen: 5.251 ng
RT: 8.769 min Scan# 1118
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:107 Resp: 40203

Ion	Ratio	Lower	Upper
107	100		
144	25.6	19.8	29.6
142	74.1	60.6	90.8



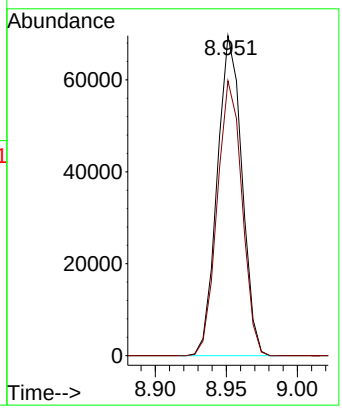


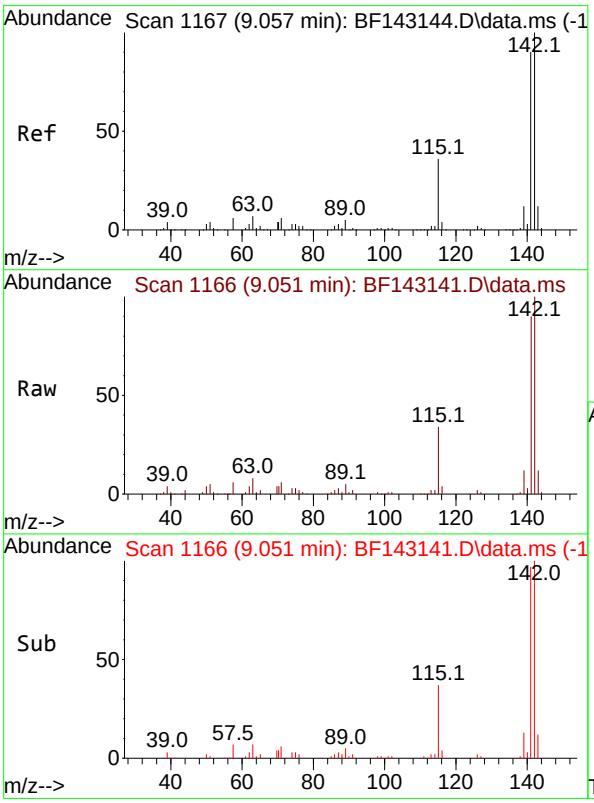
#37
2-Methylnaphthalene
Concen: 5.568 ng
RT: 8.951 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 84234

Ion	Ratio	Lower	Upper
142	100		
141	85.9	69.9	104.9

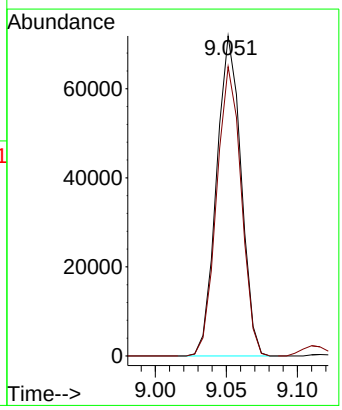


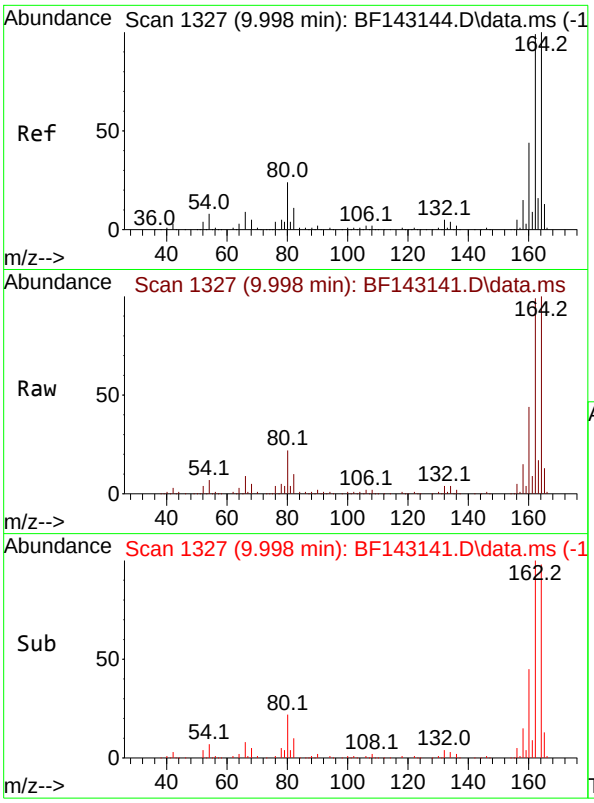


#38
1-Methylnaphthalene
Concen: 5.529 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:142 Resp: 86130

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.3	108.5



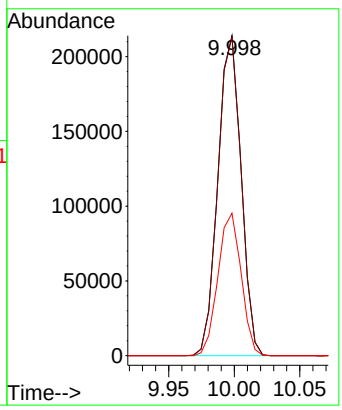


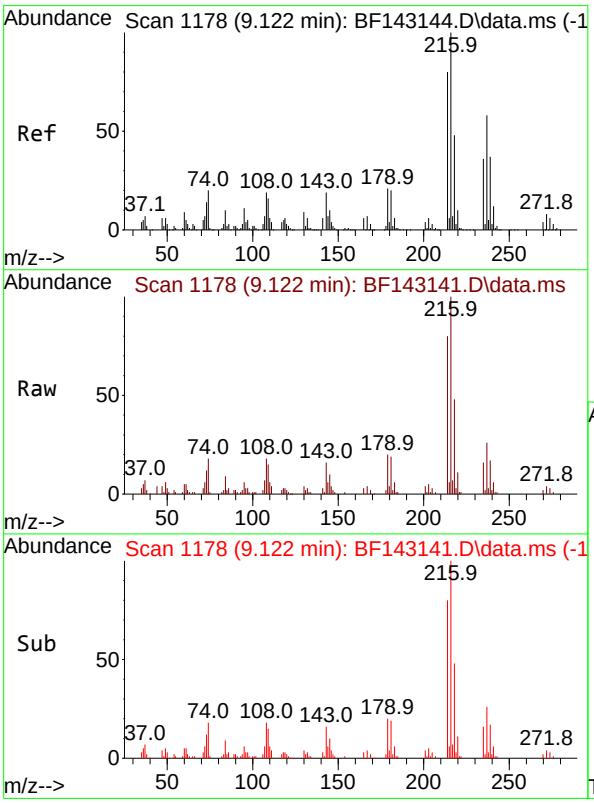
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:164 Resp: 263409

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.0	118.6
160	44.5	35.1	52.7

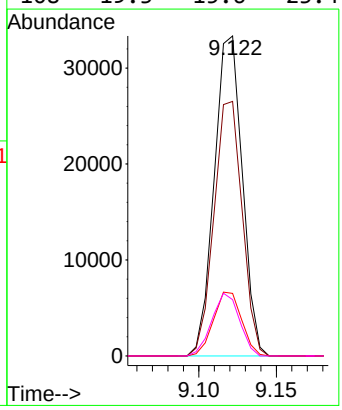


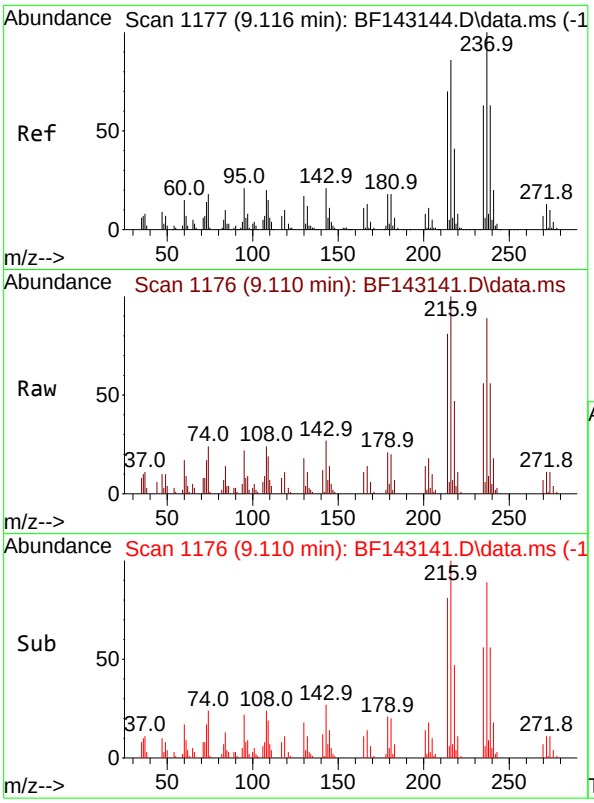


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.523 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:216 Resp: 41999

Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.8	95.8
179	20.1	16.4	24.6
108	19.3	15.6	23.4



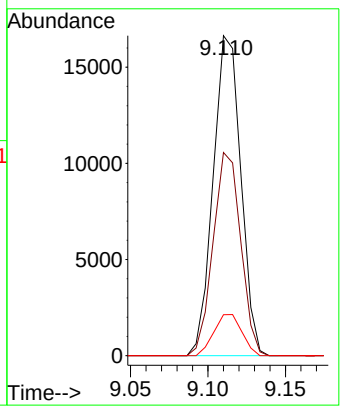


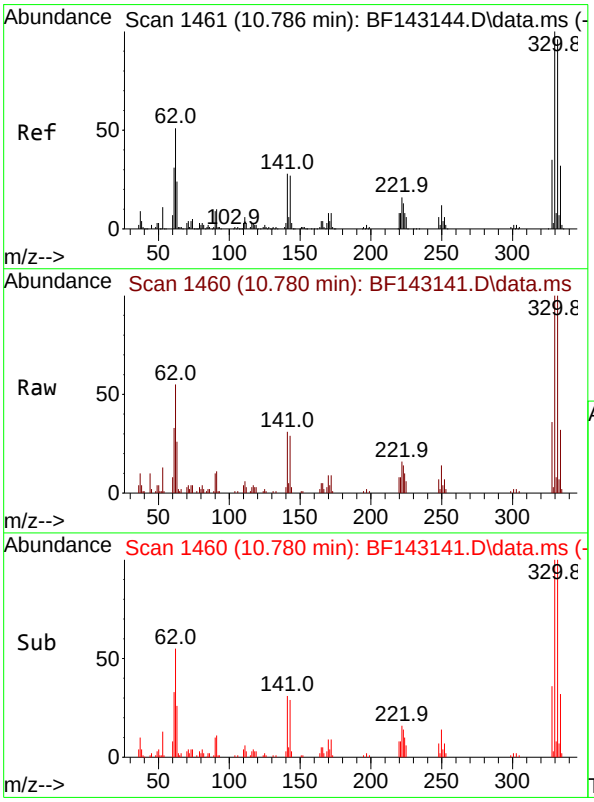
#41
Hexachlorocyclopentadiene
Concen: 4.177 ng
RT: 9.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:237 Resp: 20668

Ion	Ratio	Lower	Upper
237	100		
235	63.5	43.0	83.0
272	12.8	0.0	33.3

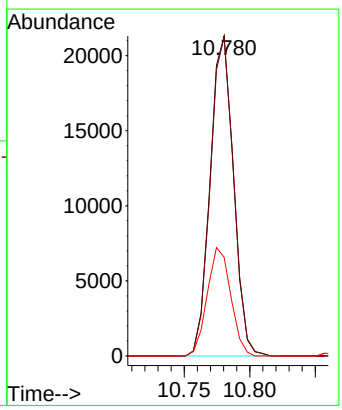


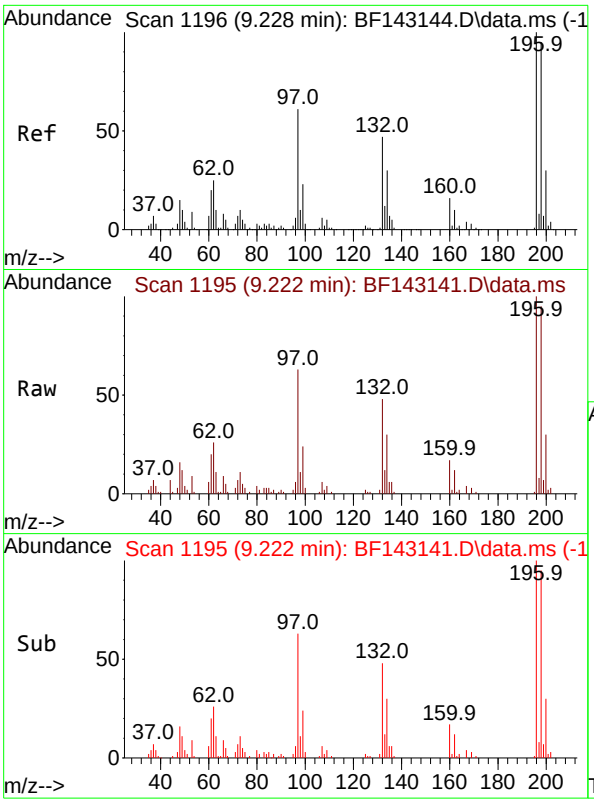


#42
2,4,6-Tribromophenol
Concen: 9.661 ng
RT: 10.780 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:330 Resp: 26288

Ion	Ratio	Lower	Upper
330	100		
332	99.4	76.7	115.1
141	34.3	23.3	34.9



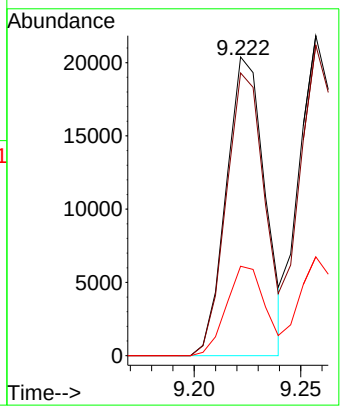


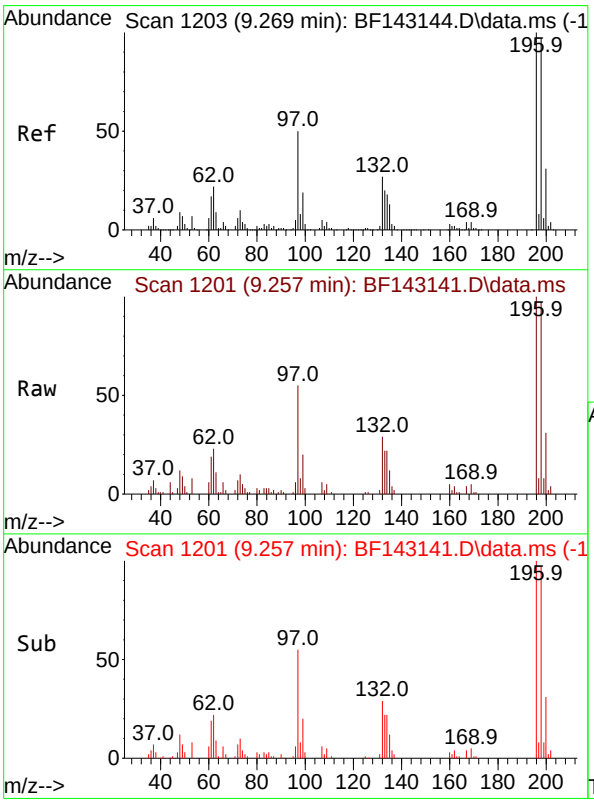
#43
2,4,6-Trichlorophenol
Concen: 4.889 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 25730

Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.2	114.2
200	30.0	23.9	35.9

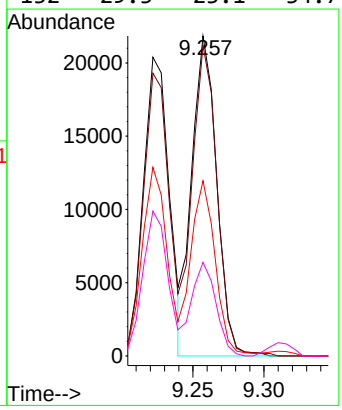


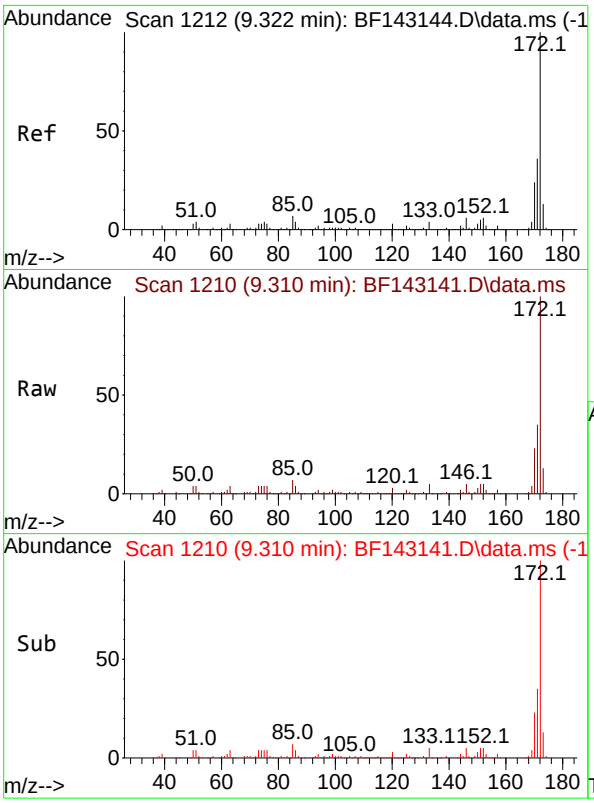


#44
2,4,5-Trichlorophenol
Concen: 5.057 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:196 Resp: 26626

Ion	Ratio	Lower	Upper
196	100		
198	97.0	77.3	115.9
97	54.7	40.3	60.5
132	29.3	23.1	34.7



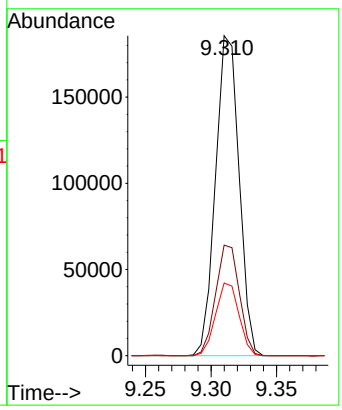


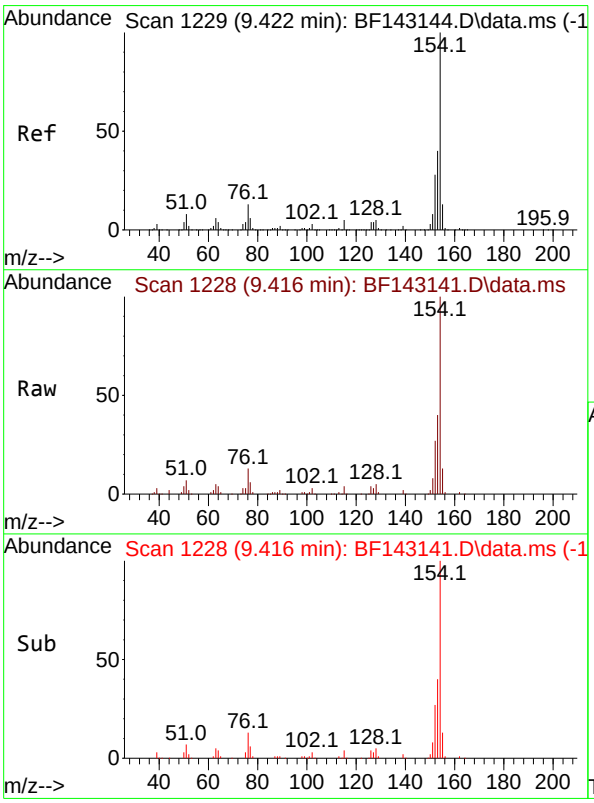
#45
2-Fluorobiphenyl
Concen: 12.043 ng
RT: 9.310 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:172 Resp: 231962

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	42.8
170	22.7	18.8	28.2

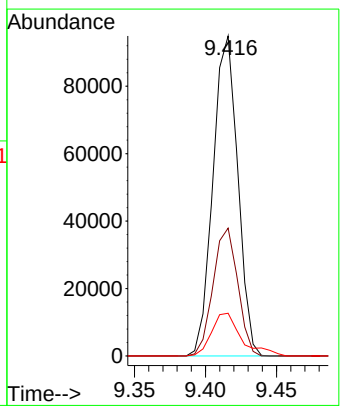


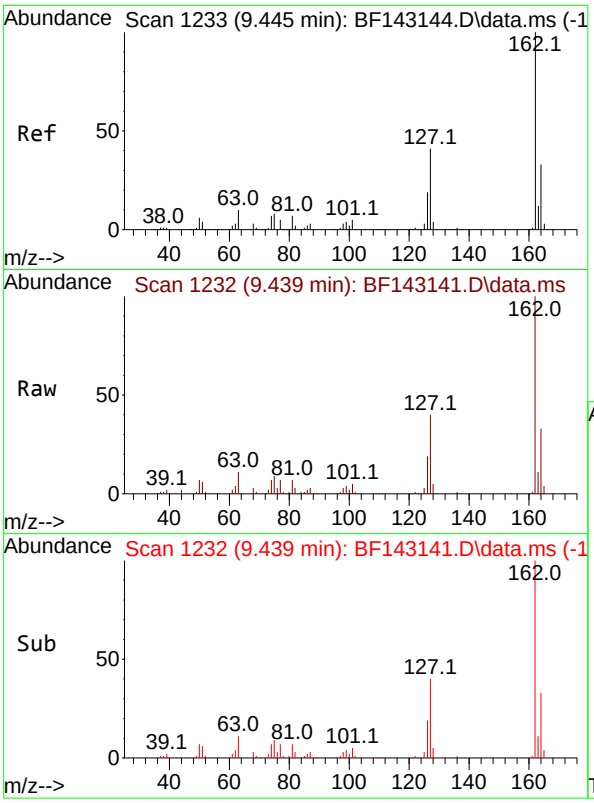


#46
1,1'-Biphenyl
Concen: 5.602 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:154 Resp: 115130

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.3	60.3
76	13.4	0.0	33.3



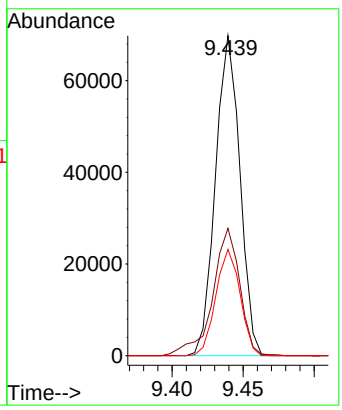


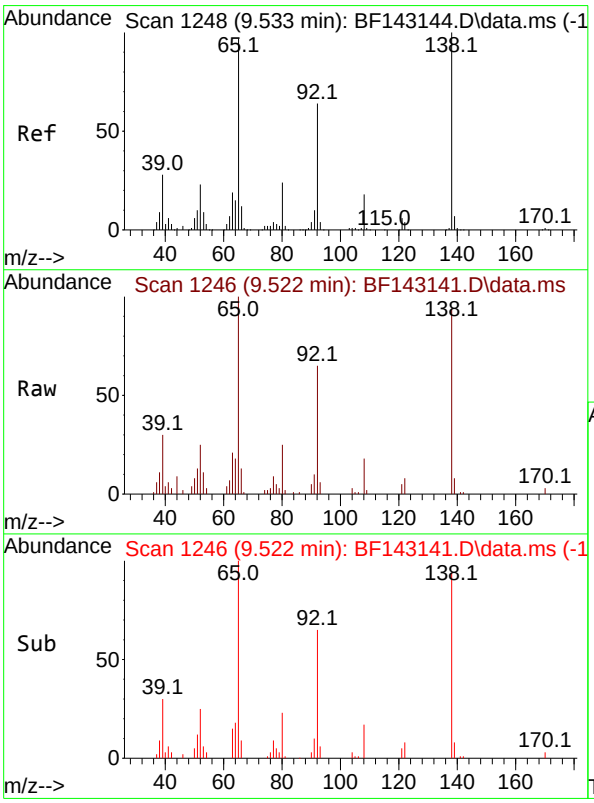
#47
2-Chloronaphthalene
Concen: 5.491 ng
RT: 9.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 83495

Ion	Ratio	Lower	Upper
162	100		
127	39.8	33.4	50.2
164	33.2	26.2	39.2

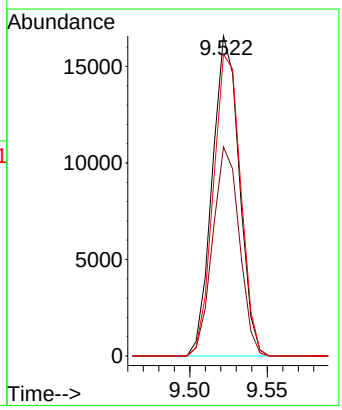


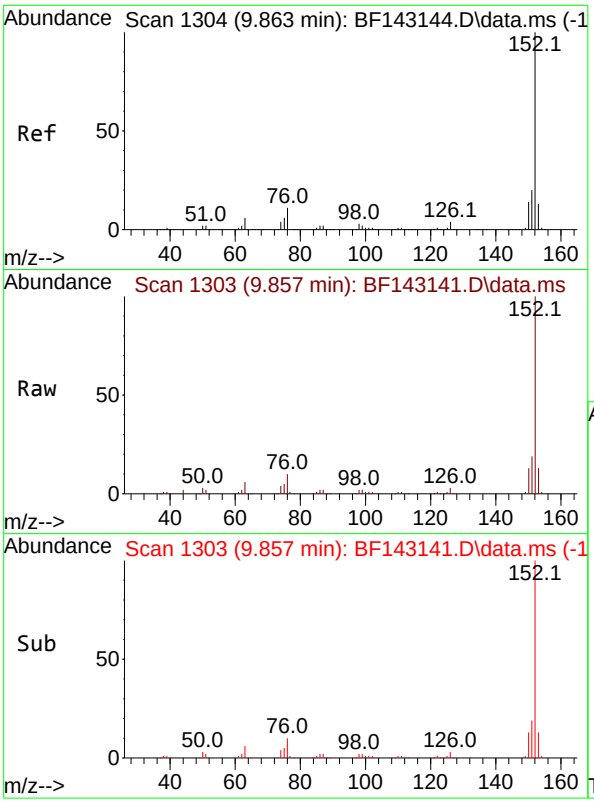


#48
2-Nitroaniline
Concen: 4.210 ng
RT: 9.522 min Scan# 1246
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 65 Resp: 20076

Ion	Ratio	Lower	Upper
65	100		
92	65.3	52.4	78.6
138	94.3	82.3	123.5



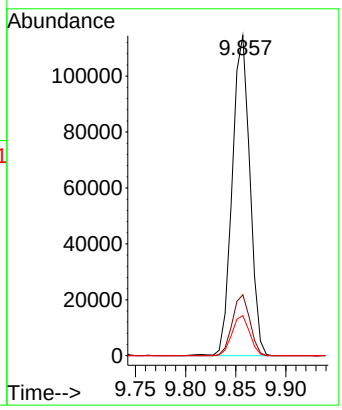


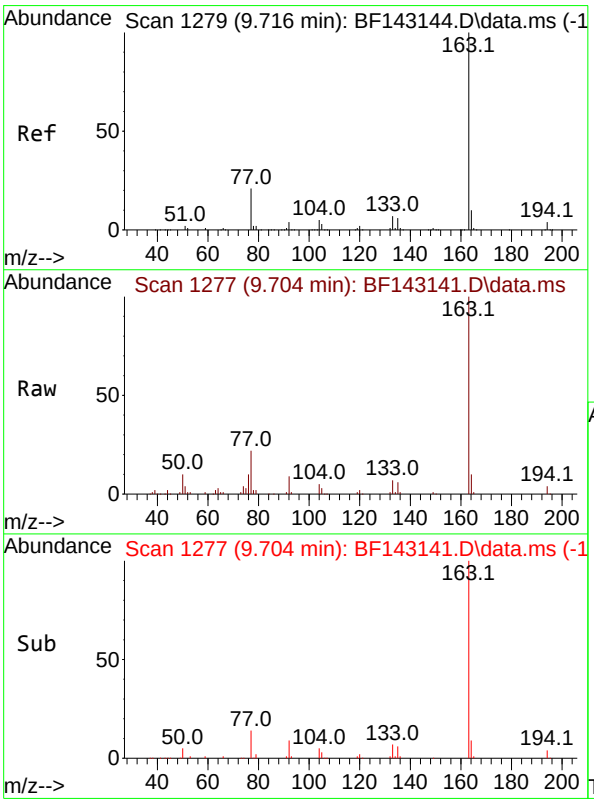
#49
Acenaphthylene
Concen: 5.514 ng
RT: 9.857 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 140525

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.2
153	12.5	10.6	16.0

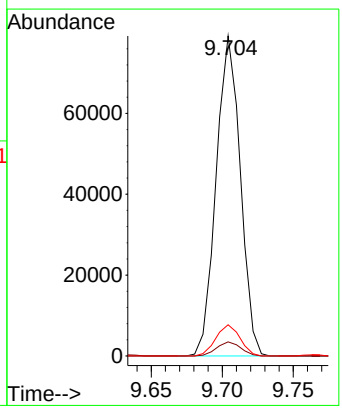


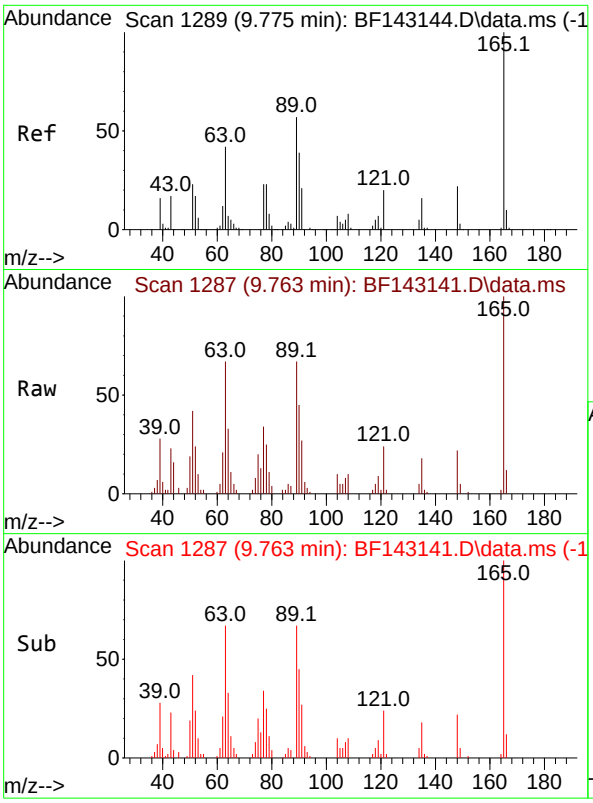


#50
Dimethylphthalate
Concen: 5.452 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:163 Resp: 93611

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.8	8.3	12.5



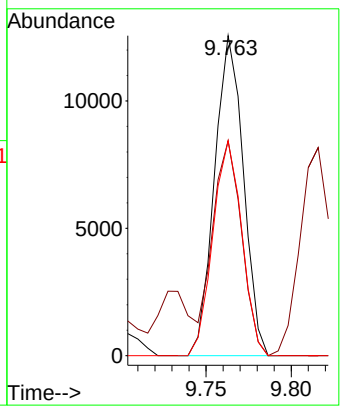


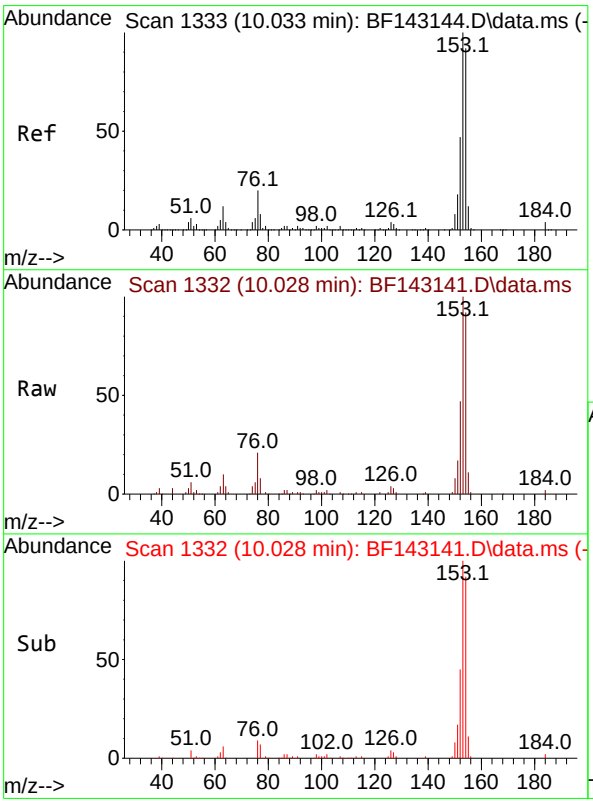
#51
2,6-Dinitrotoluene
Concen: 4.234 ng
RT: 9.763 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:165 Resp: 14787

Ion	Ratio	Lower	Upper
165	100		
63	67.1	49.4	74.2
89	67.2	46.2	69.2

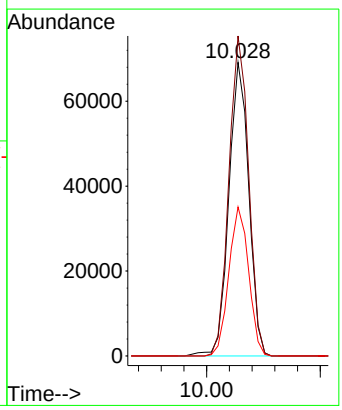


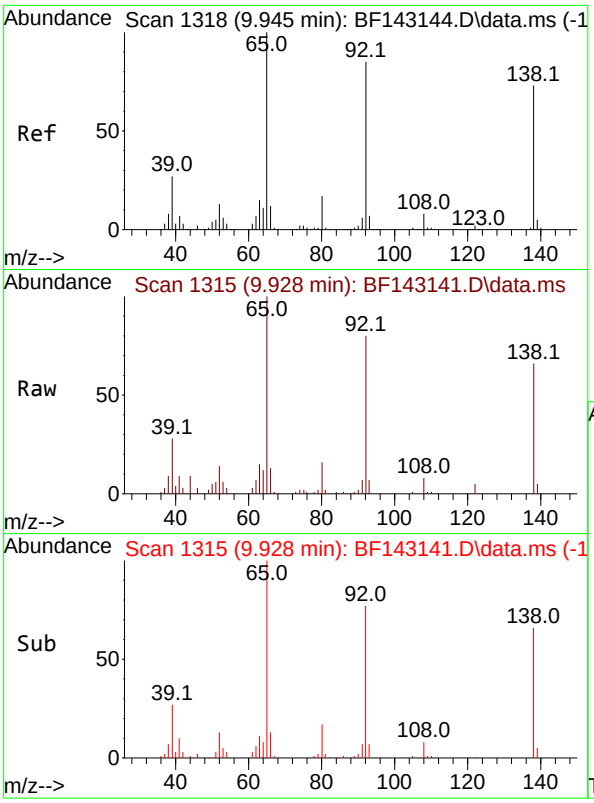


#52
Acenaphthene
Concen: 5.588 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:154 Resp: 84160

Ion	Ratio	Lower	Upper
154	100		
153	109.0	86.6	129.8
152	50.7	40.4	60.6



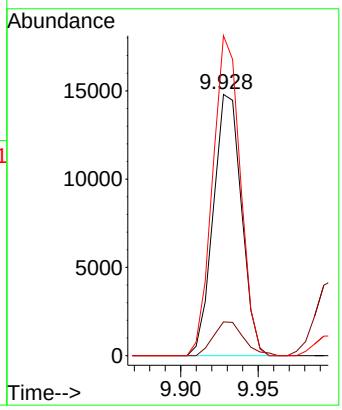


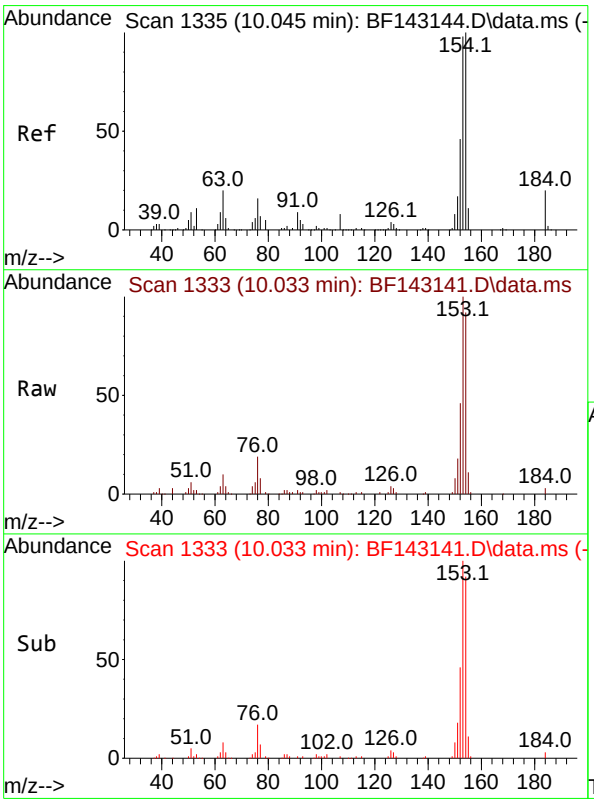
#53
3-Nitroaniline
Concen: 4.587 ng
RT: 9.928 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 18738

Ion	Ratio	Lower	Upper
138	100		
108	12.9	9.0	13.6
92	122.5	93.0	139.4

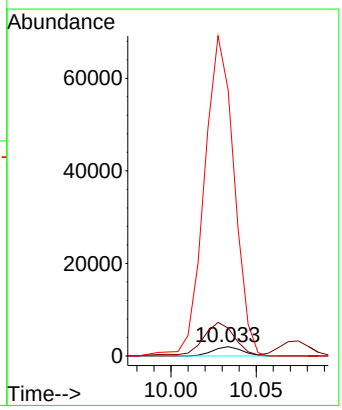


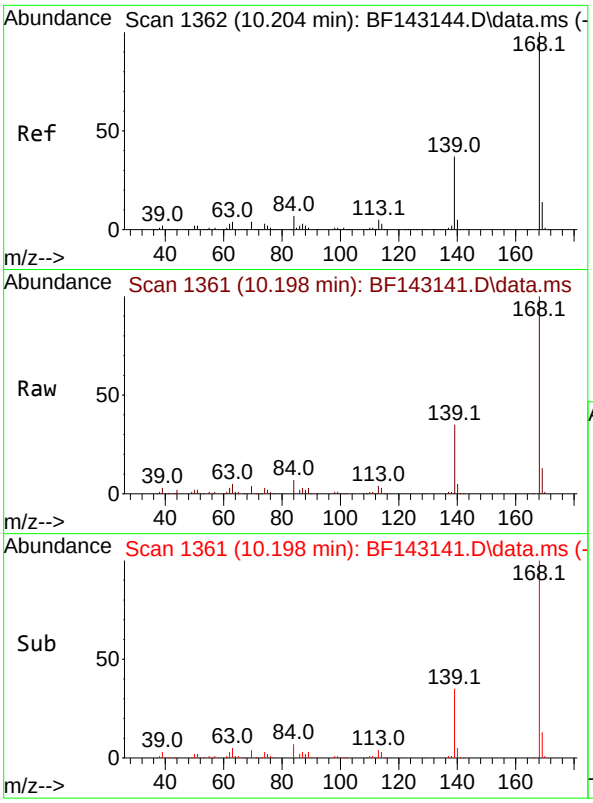


#54
2,4-Dinitrophenol
Concen: 8.047 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:184 Resp: 2389

Ion	Ratio	Lower	Upper
184	100		
63	298.3	81.8	122.6#
154	2856.8	412.2	618.4#



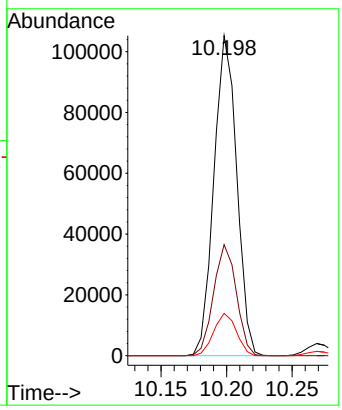


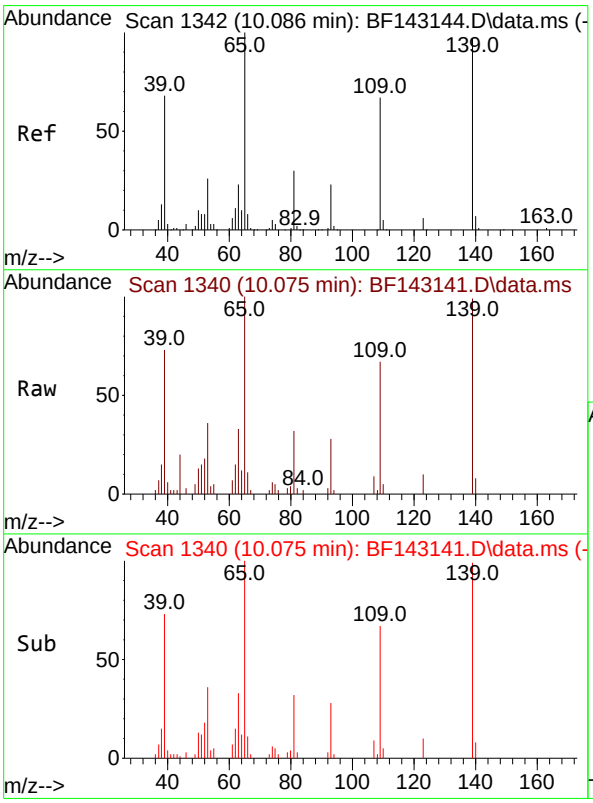
#55
Dibenzofuran
Concen: 5.681 ng
RT: 10.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:168 Resp: 127035

Ion	Ratio	Lower	Upper
168	100		
139	34.7	29.5	44.3
169	13.3	10.9	16.3

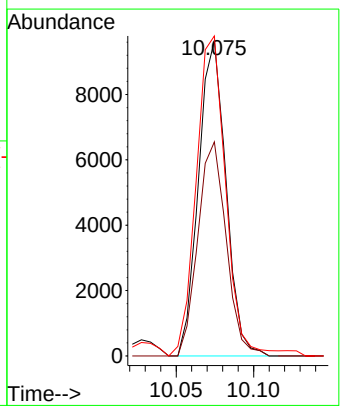


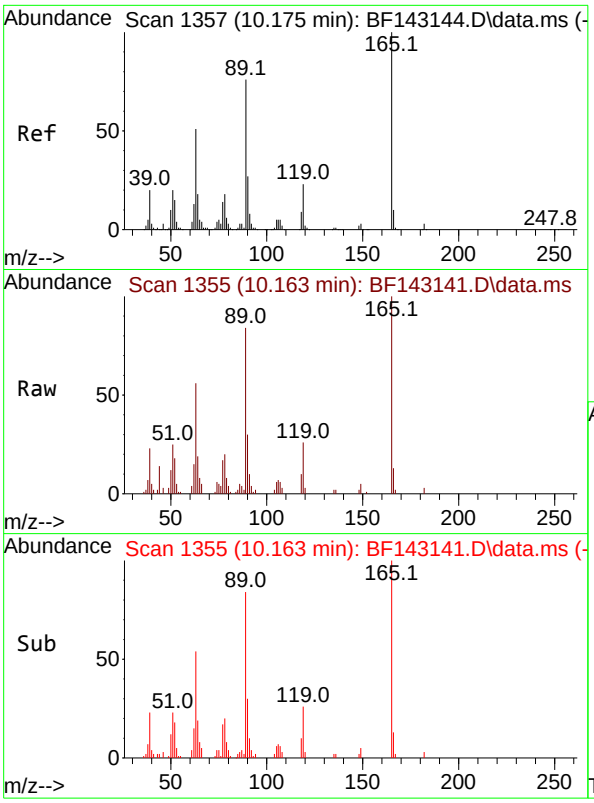


#56
4-Nitrophenol
Concen: 3.899 ng
RT: 10.075 min Scan# 1340
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:139 Resp: 11894

Ion	Ratio	Lower	Upper
139	100		
109	67.9	48.5	88.5
65	101.5	83.4	123.4



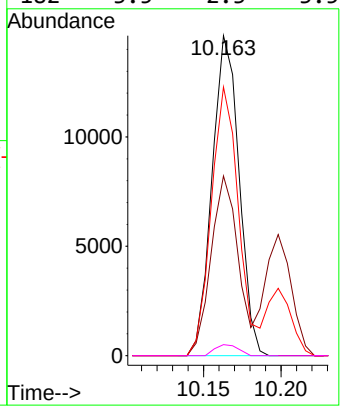


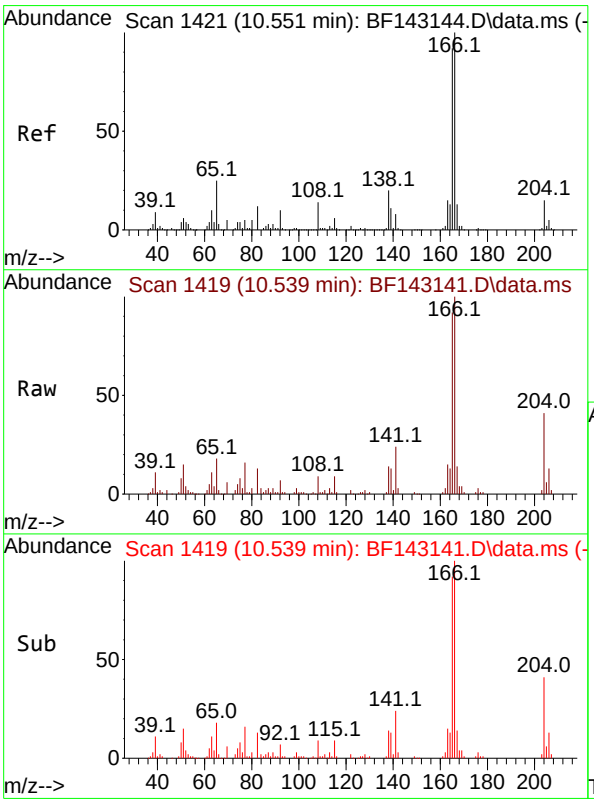
#57
2,4-Dinitrotoluene
Concen: 4.041 ng
RT: 10.163 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:165 Resp: 17709

Ion	Ratio	Lower	Upper
165	100		
63	56.1	41.0	61.4
89	83.9	61.1	91.7
182	3.5	2.3	3.5

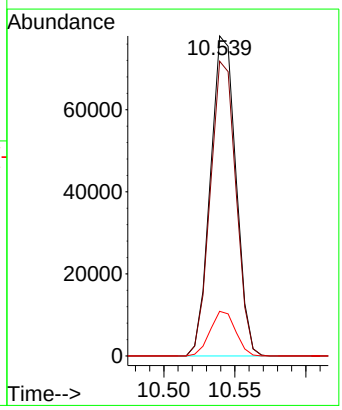


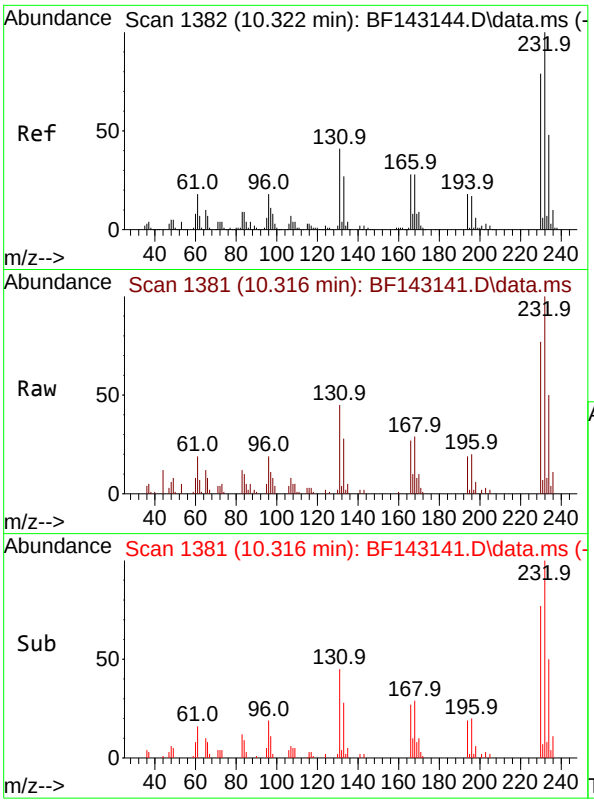


#58
Fluorene
Concen: 5.808 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:166 Resp: 97477

Ion	Ratio	Lower	Upper
166	100		
165	92.1	73.7	110.5
167	14.0	10.6	16.0



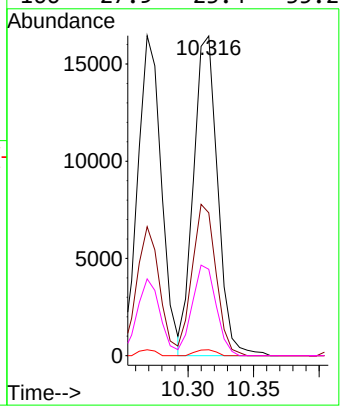


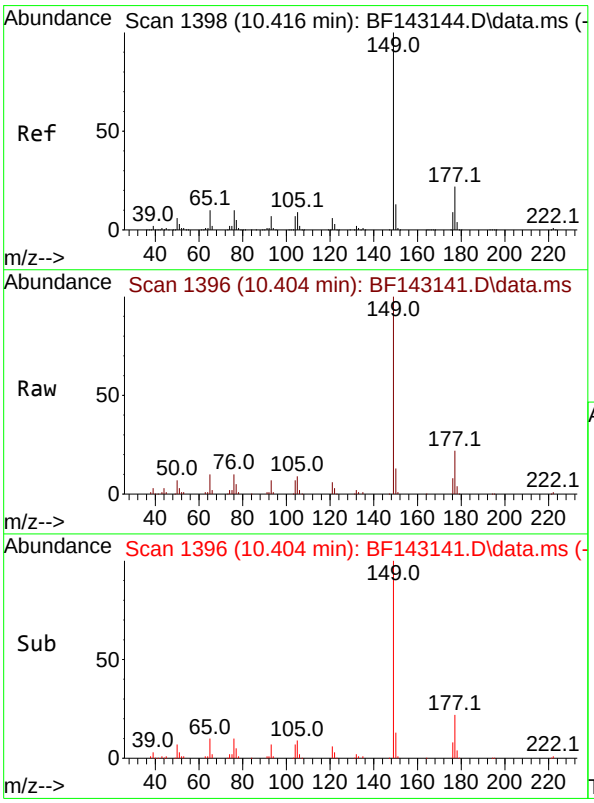
#59
2,3,4,6-Tetrachlorophenol
Concen: 4.840 ng
RT: 10.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:232 Resp: 21108

Ion	Ratio	Lower	Upper
232	100		
131	46.6	35.3	52.9
130	1.6	1.7	2.5#
166	27.9	23.4	35.2

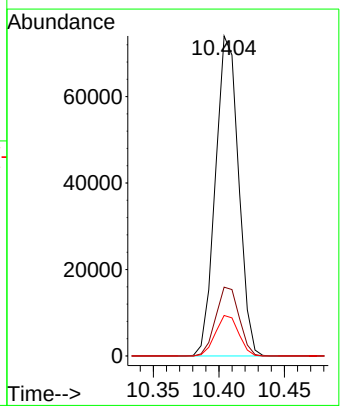


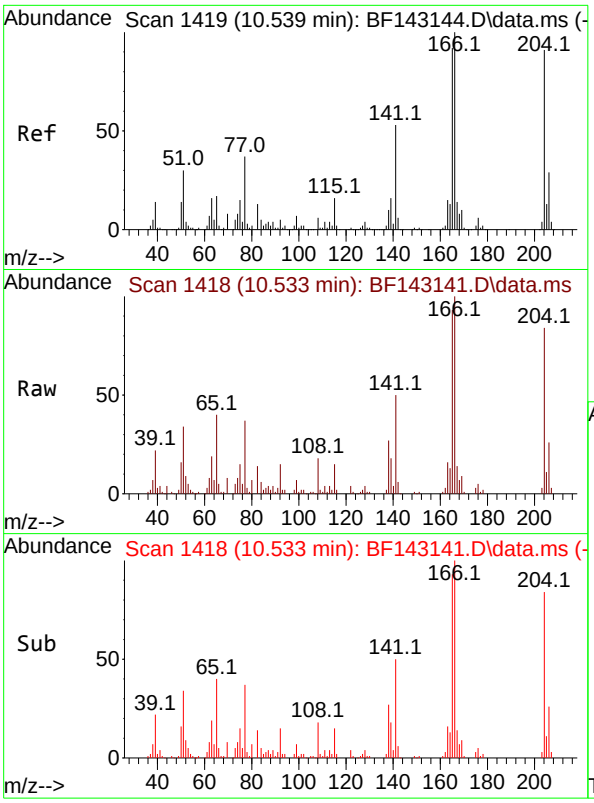


#60
Diethylphthalate
Concen: 5.342 ng
RT: 10.404 min Scan# 1396
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:149 Resp: 90651

Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.5	26.3
150	12.7	10.2	15.2



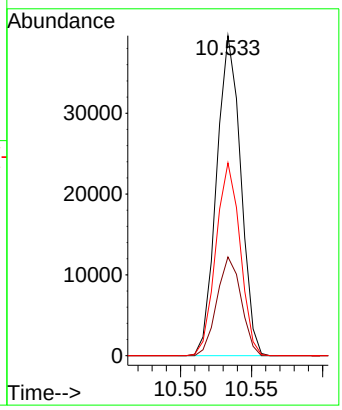


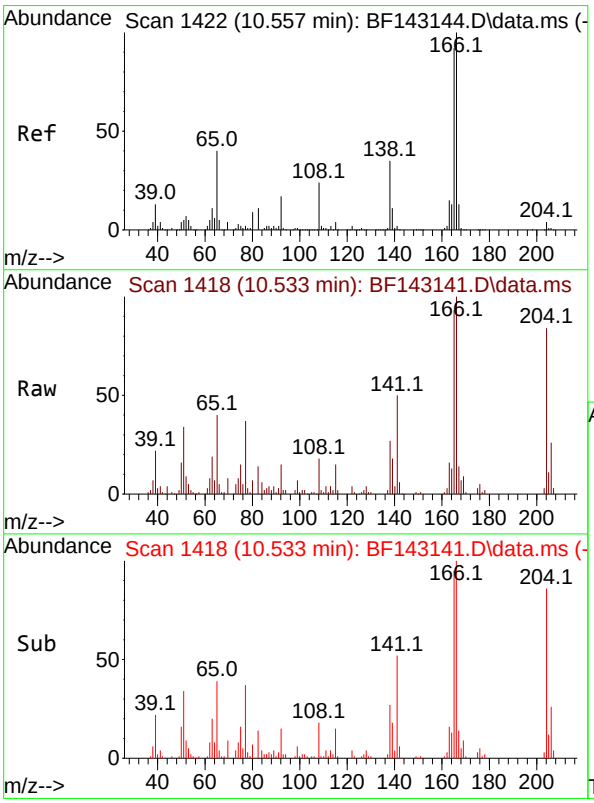
#61
4-Chlorophenyl-phenylether
Concen: 5.594 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:204 Resp: 46747

Ion	Ratio	Lower	Upper
204	100		
206	30.8	25.8	38.8
141	60.2	47.0	70.4

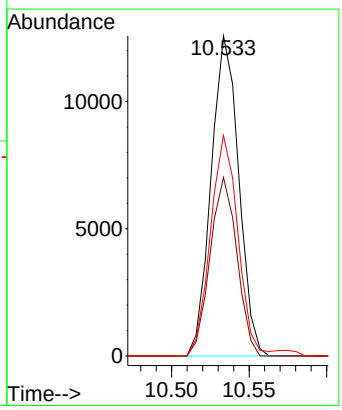


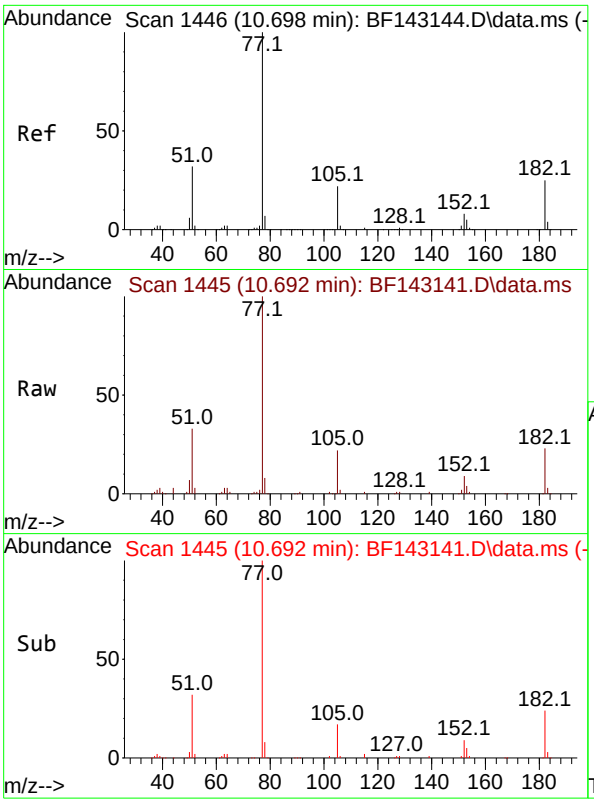


#62
4-Nitroaniline
Concen: 4.446 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.023 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:138 Resp: 15568

Ion	Ratio	Lower	Upper
138	100		
92	55.8	29.3	69.3
108	68.9	48.3	88.3



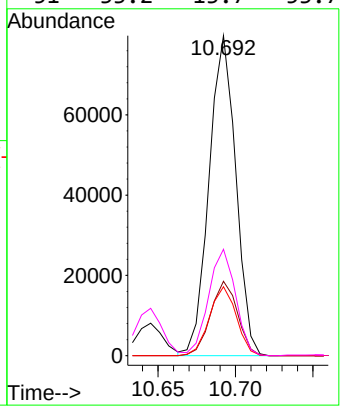


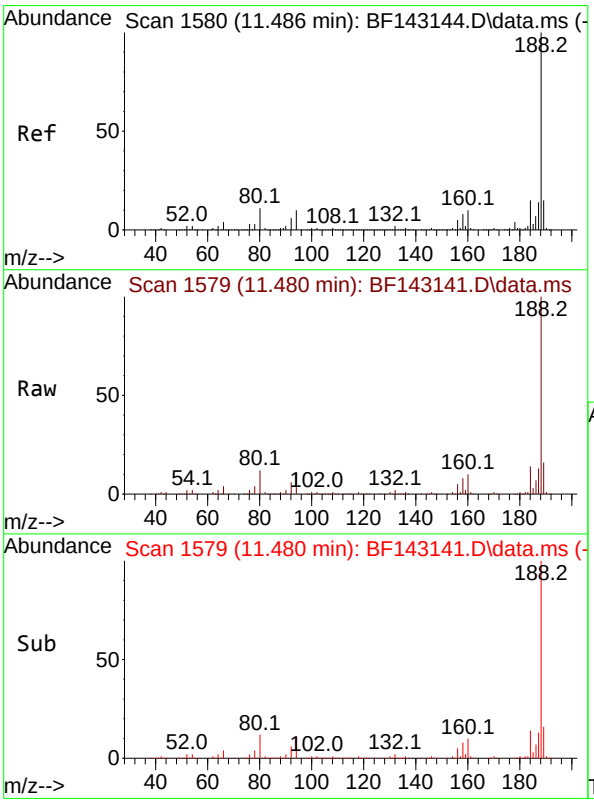
#63
Azobenzene
Concen: 5.405 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 95602

Ion	Ratio	Lower	Upper
77	100		
182	23.2	4.6	44.6
105	21.5	1.4	41.4
51	33.2	13.7	53.7

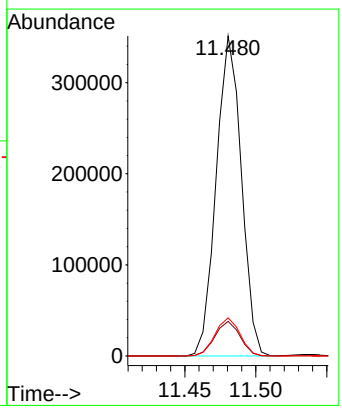


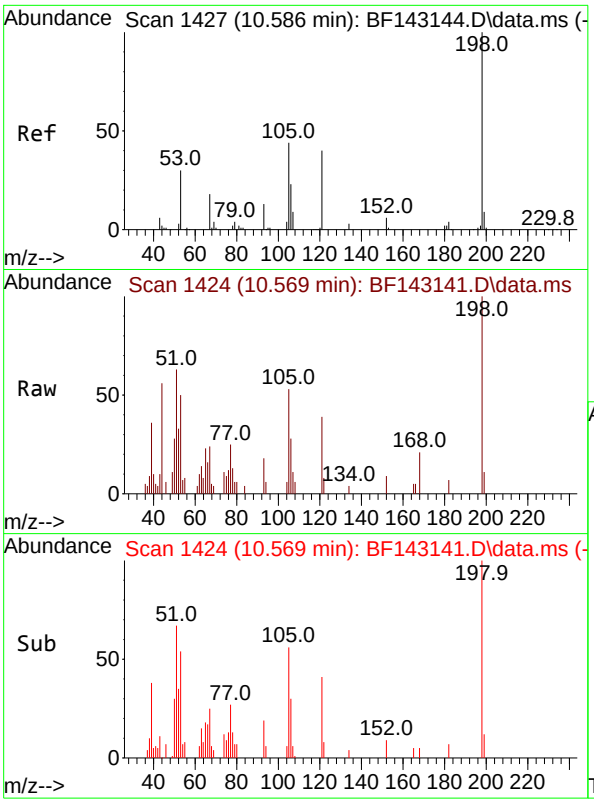


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:188 Resp: 432329

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.3	12.5
80	11.9	9.0	13.6



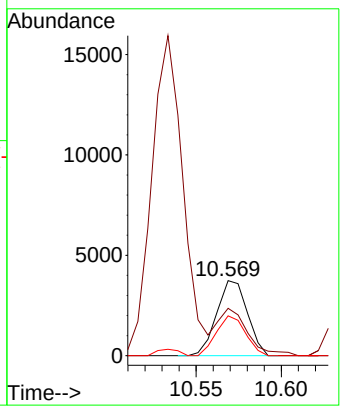


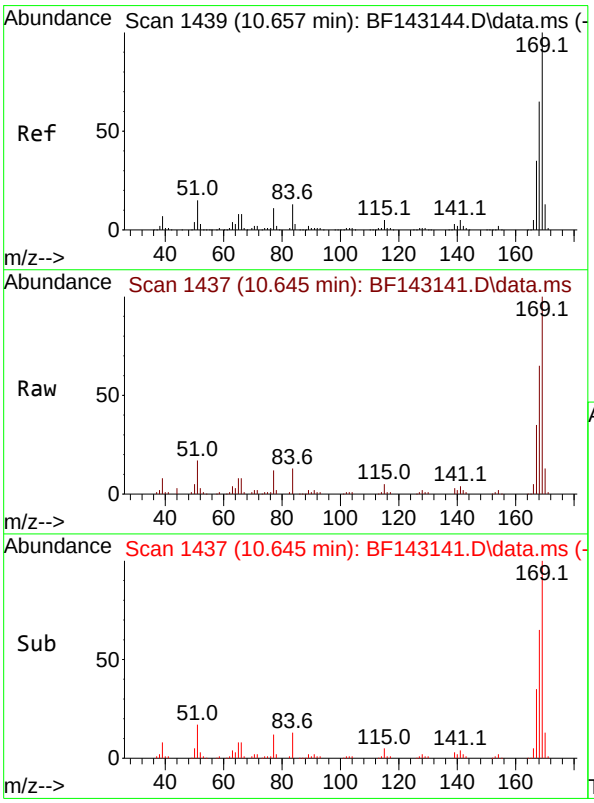
#65
4,6-Dinitro-2-methylphenol
Concen: 7.249 ng
RT: 10.569 min Scan# 14
Delta R.T. -0.017 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:198 Resp: 4692

Ion	Ratio	Lower	Upper
198	100		
51	63.1	37.2	77.2
105	53.0	24.8	64.8

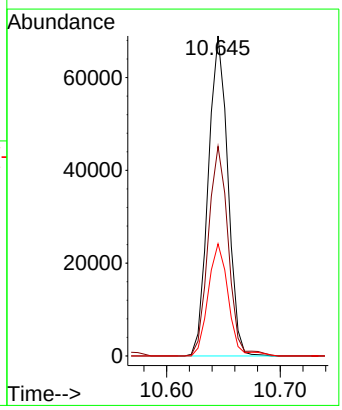


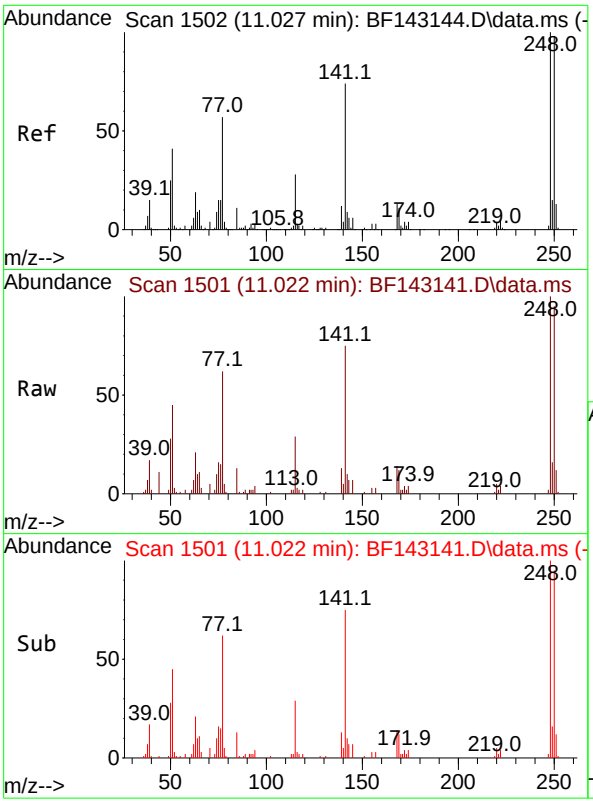


#66
n-Nitrosodiphenylamine
Concen: 5.405 ng
RT: 10.645 min Scan# 1437
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:169 Resp: 82281

Ion	Ratio	Lower	Upper
169	100		
168	65.5	52.1	78.1
167	35.1	28.2	42.2



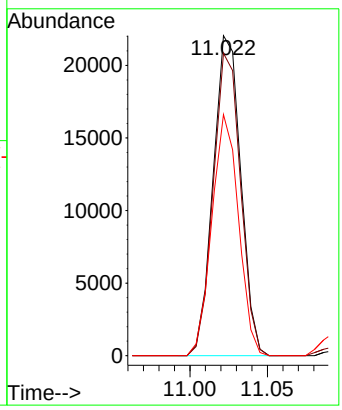


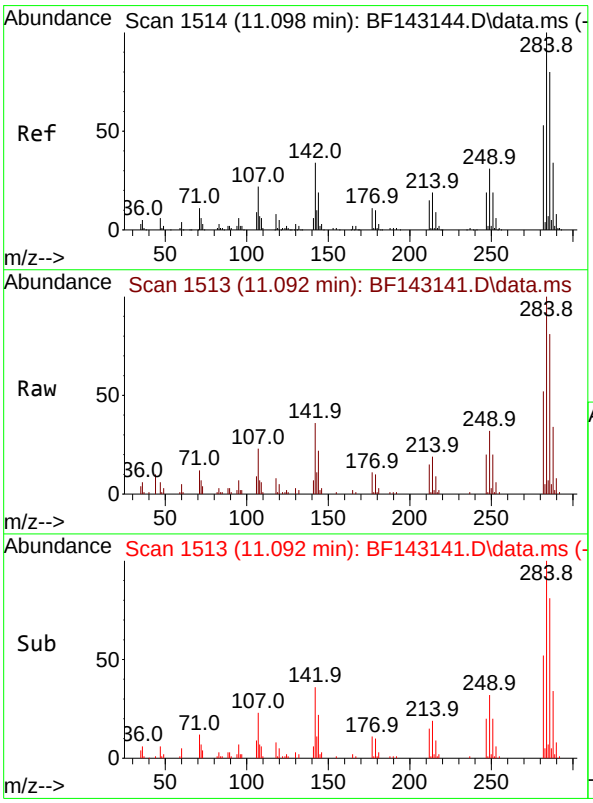
#67
4-Bromophenyl-phenylether
Concen: 5.291 ng
RT: 11.022 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 27259

Ion	Ratio	Lower	Upper
248	100		
250	94.5	78.3	117.5
141	75.4	59.2	88.8

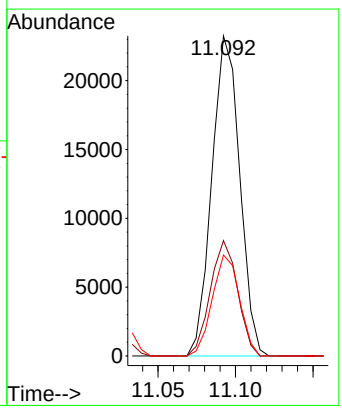


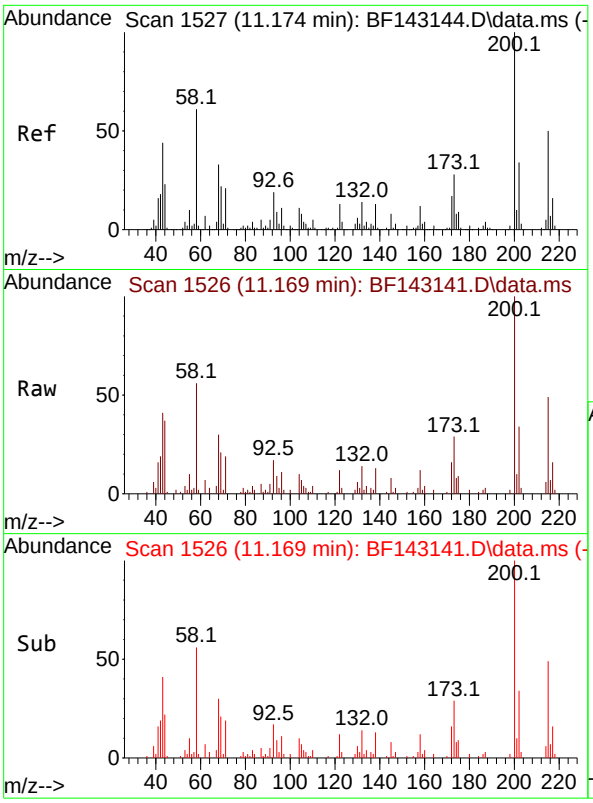


#68
Hexachlorobenzene
Concen: 5.395 ng
RT: 11.092 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:284 Resp: 29052

Ion	Ratio	Lower	Upper
284	100		
142	36.1	27.0	40.6
249	31.5	25.0	37.6



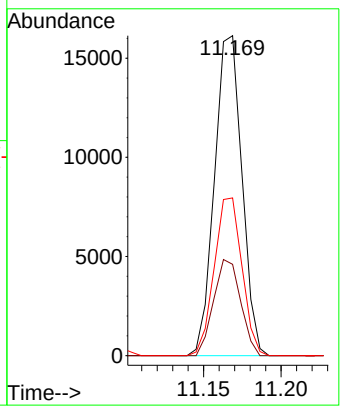


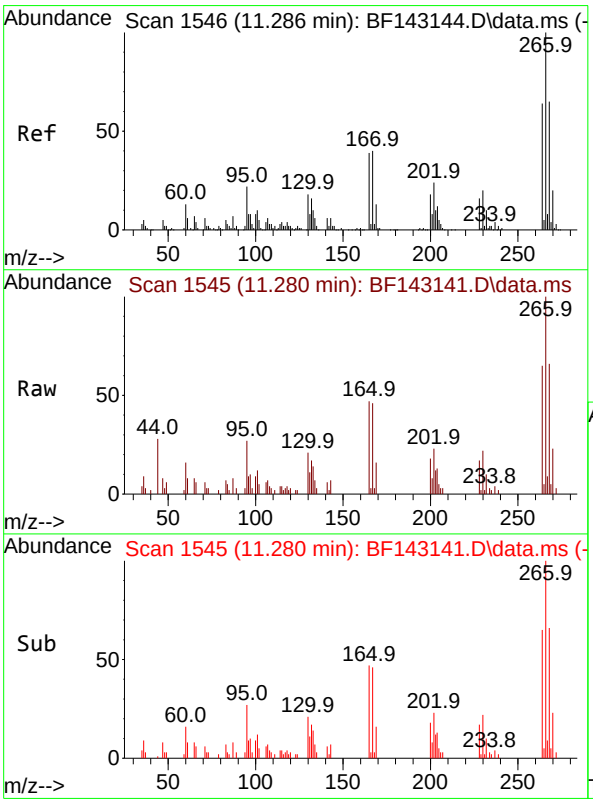
#69
Atrazine
Concen: 4.733 ng
RT: 11.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:200 Resp: 19865

Ion	Ratio	Lower	Upper
200	100		
173	28.5	7.9	47.9
215	49.3	30.1	70.1

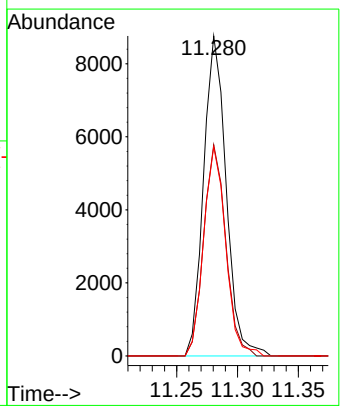


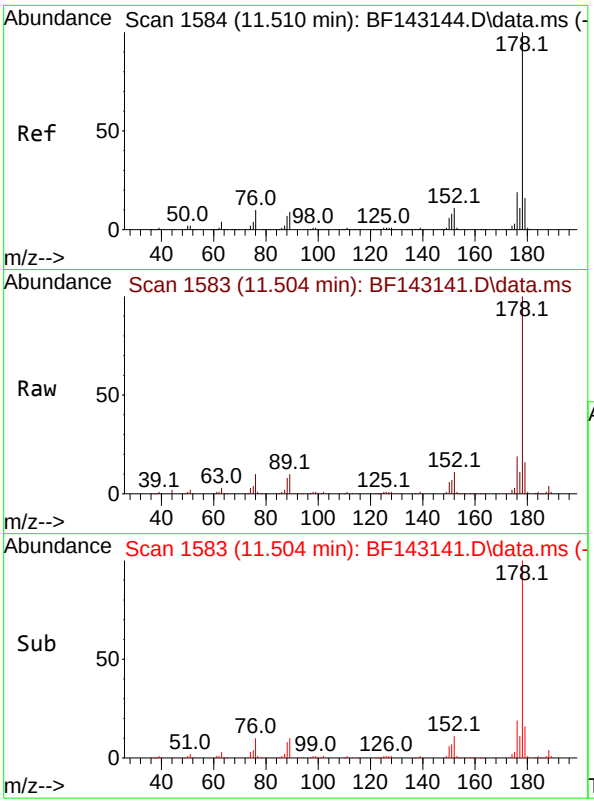


#70
Pentachlorophenol
Concen: 3.566 ng
RT: 11.280 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:266 Resp: 11294

Ion	Ratio	Lower	Upper
266	100		
268	66.0	51.9	77.9
264	65.4	51.0	76.6



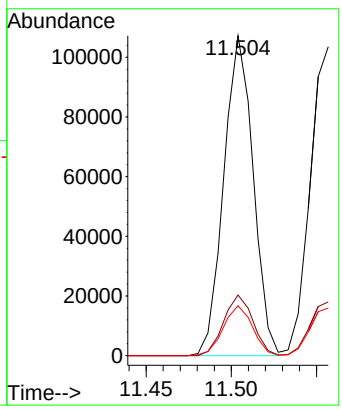


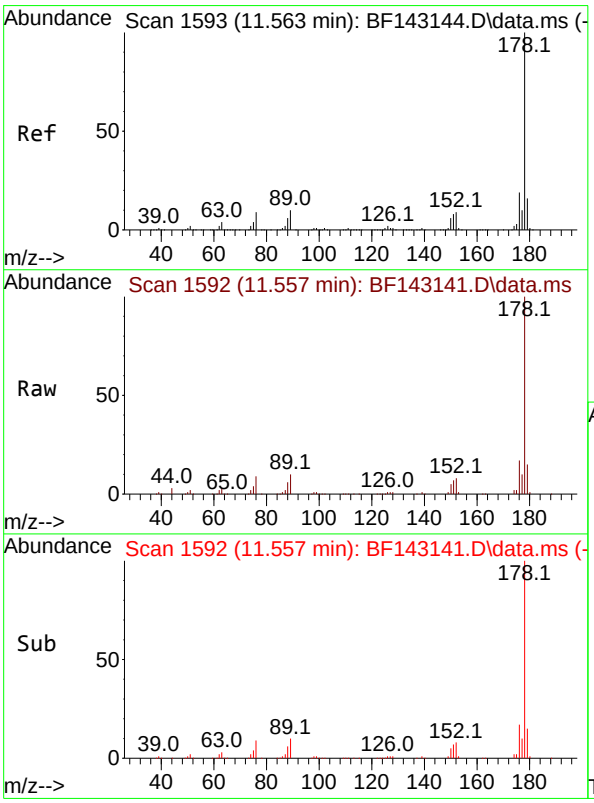
#71
Phenanthrene
Concen: 5.609 ng
RT: 11.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 128762

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.6	12.5	18.7

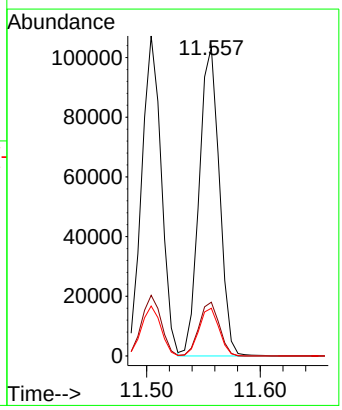


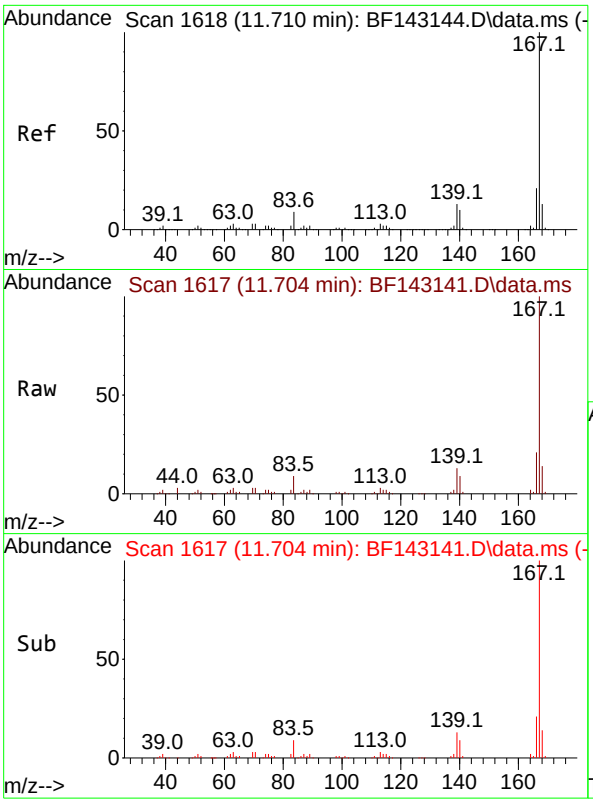


#72
Anthracene
Concen: 5.465 ng
RT: 11.557 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:178 Resp: 127938

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.0	22.4
179	15.4	12.5	18.7



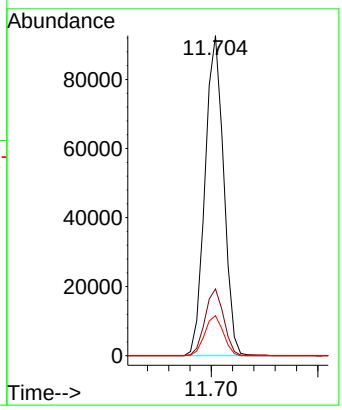


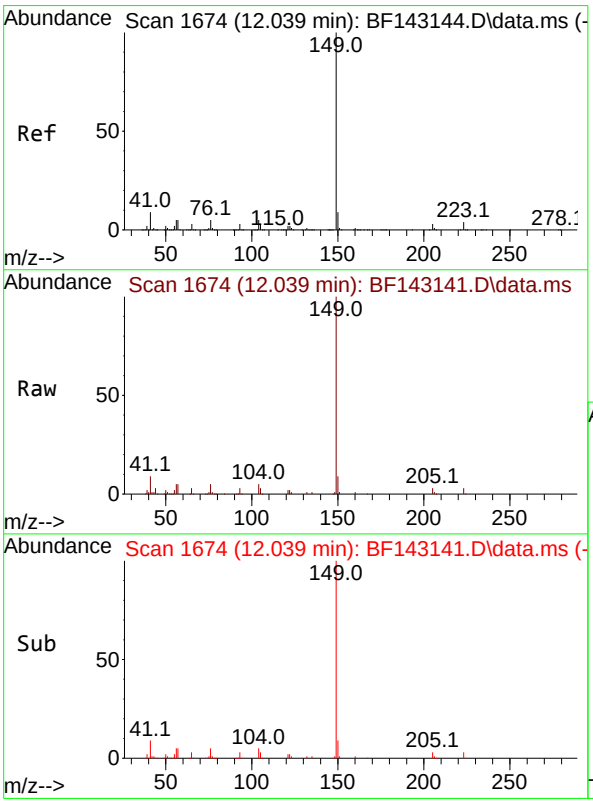
#73
Carbazole
Concen: 5.507 ng
RT: 11.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:167 Resp: 112588

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.6
139	12.5	10.0	15.0

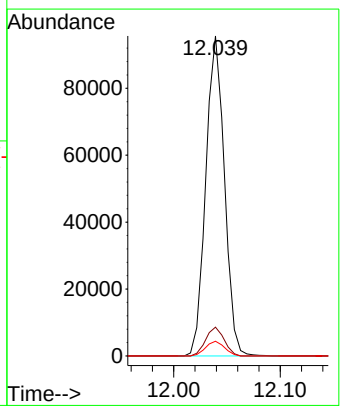


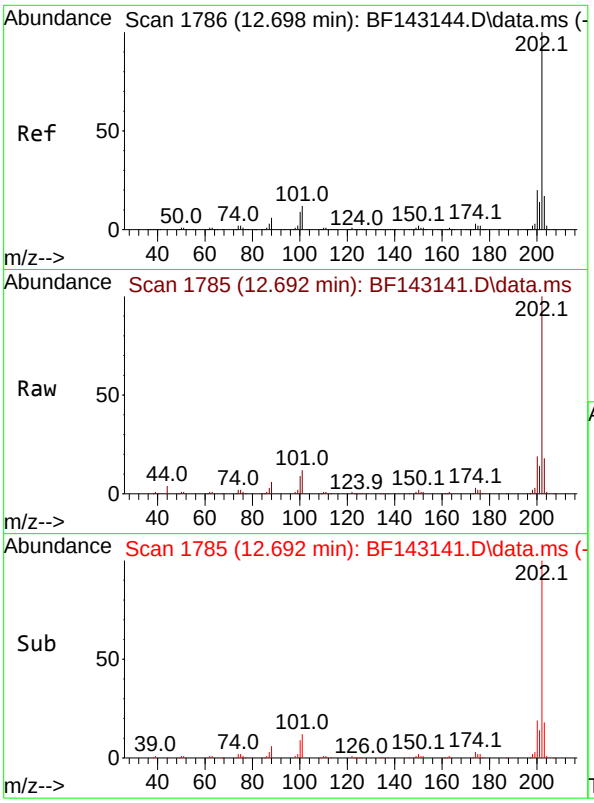


#74
Di-n-butylphthalate
Concen: 5.027 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:149 Resp: 116291

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.2
104	4.6	3.8	5.8



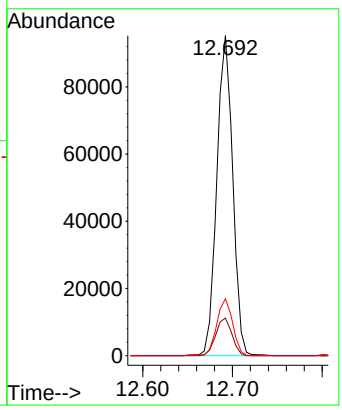


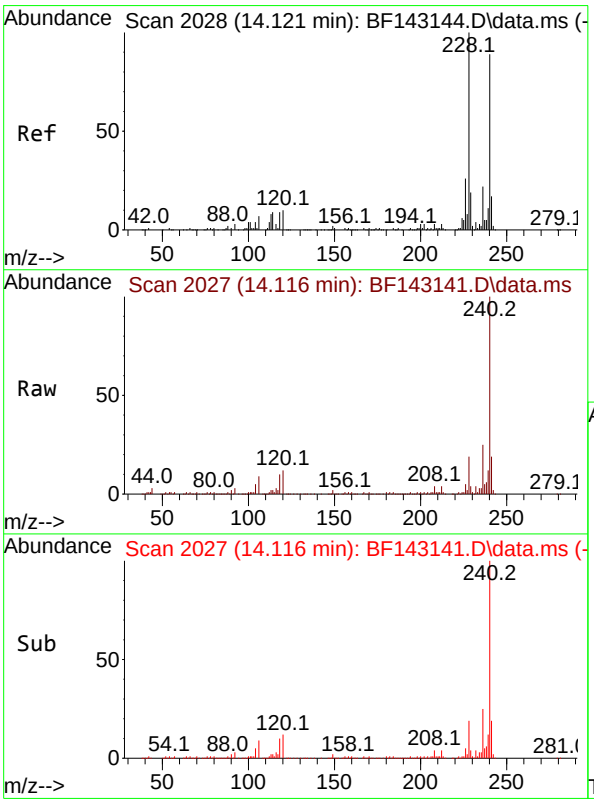
#75
Fluoranthene
Concen: 5.565 ng
RT: 12.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:202 Resp: 117249

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.7
203	17.8	0.0	37.4

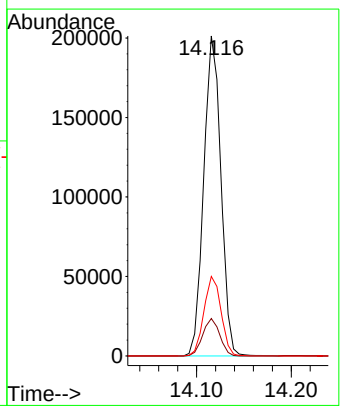


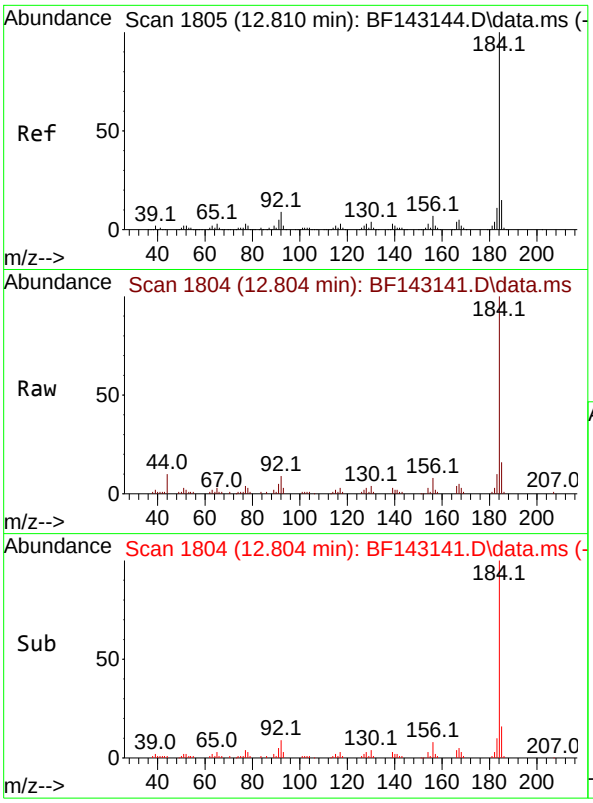


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:240 Resp: 253004

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.4	14.2
236	24.9	20.2	30.4



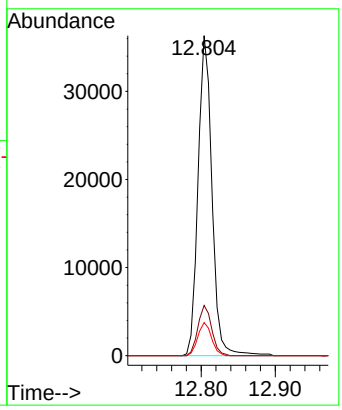


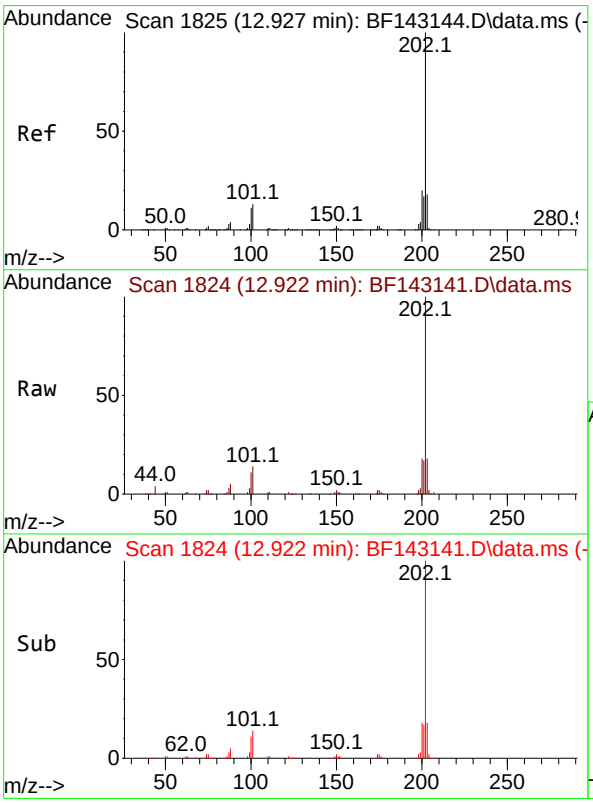
#77
Benzidine
Concen: 4.846 ng
RT: 12.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:184 Resp: 47236

Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.2	18.4
183	10.4	9.0	13.4

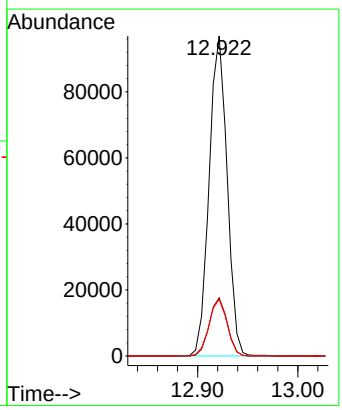


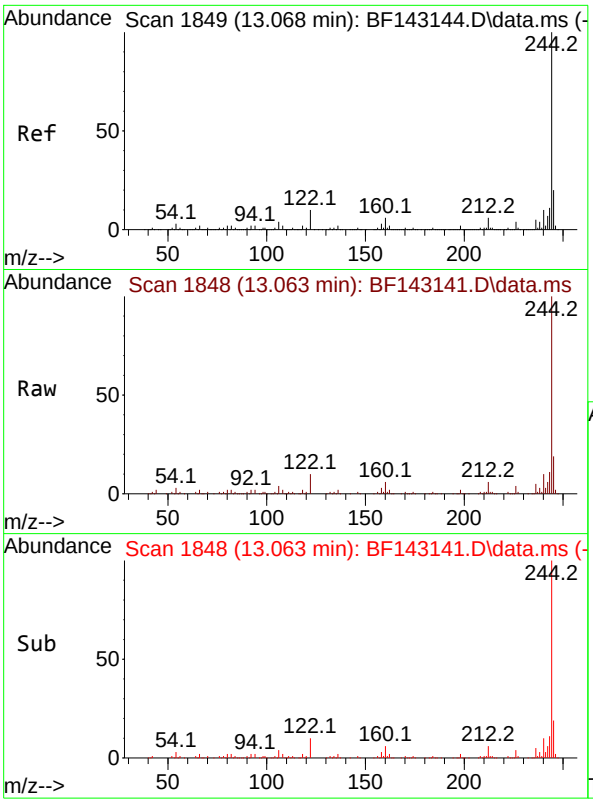


#78
Pyrene
Concen: 5.593 ng
RT: 12.922 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:202 Resp: 120767

Ion	Ratio	Lower	Upper
202	100		
200	18.2	15.7	23.5
203	17.6	14.2	21.2



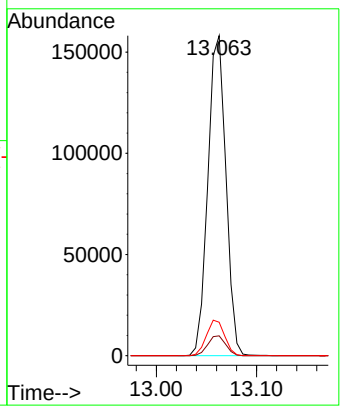


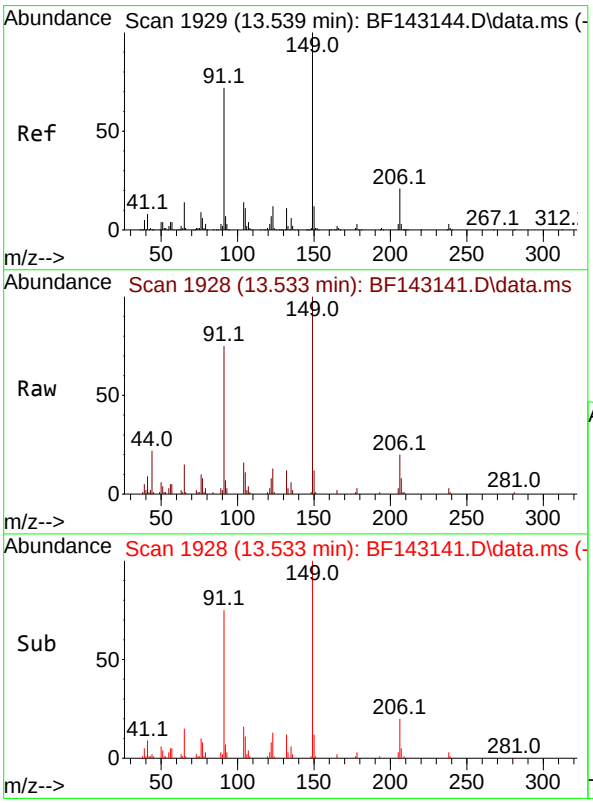
#79
Terphenyl-d14
Concen: 11.656 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 198167

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.2	7.8
122	10.5	8.2	12.2

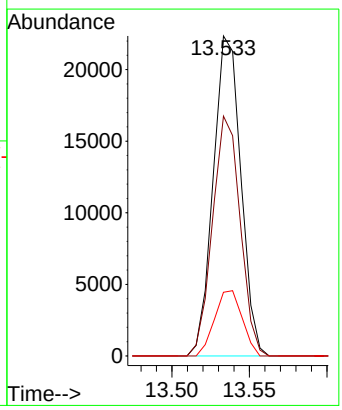


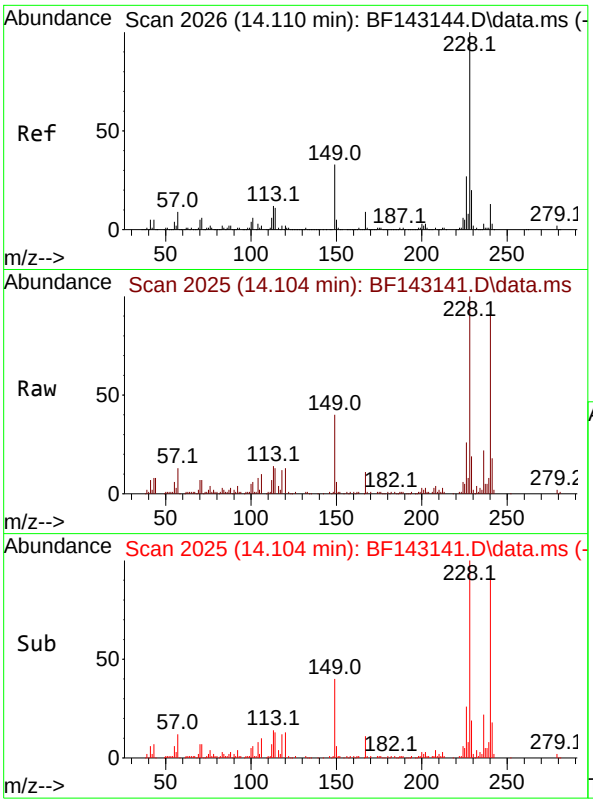


#80
Butylbenzylphthalate
Concen: 4.189 ng
RT: 13.533 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:149 Resp: 27699

Ion	Ratio	Lower	Upper
149	100		
91	74.9	57.9	86.9
206	19.9	17.0	25.4



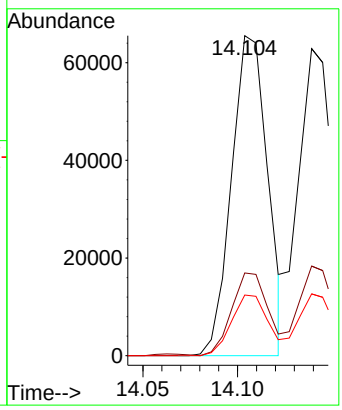


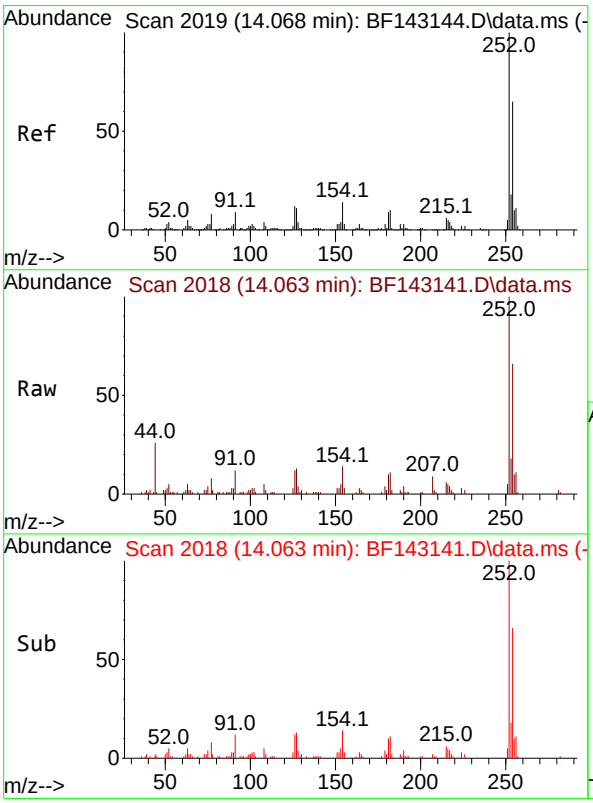
#81
Benzo(a)anthracene
Concen: 5.131 ng
RT: 14.104 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 86920

Ion	Ratio	Lower	Upper
228	100		
226	25.8	21.7	32.5
229	19.0	15.8	23.6

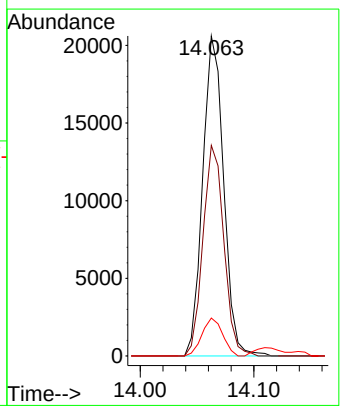


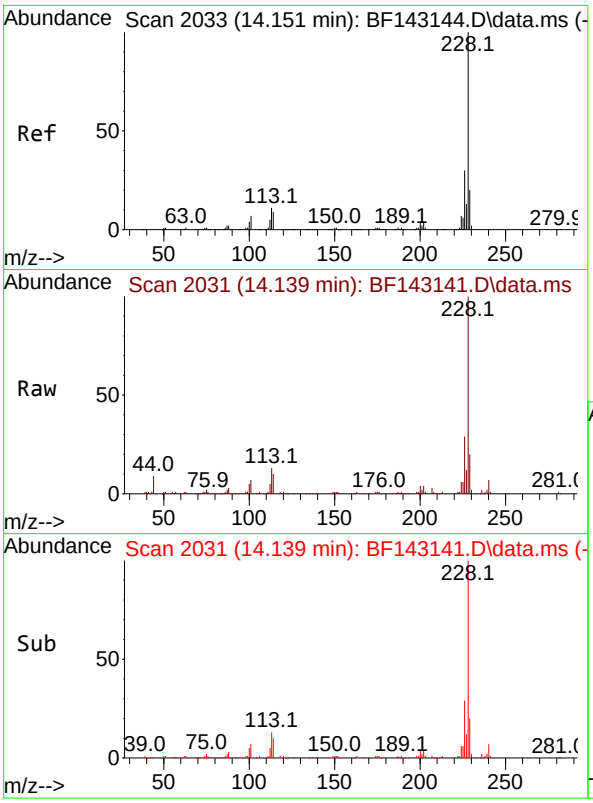


#82
3,3'-Dichlorobenzidine
Concen: 4.675 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:252 Resp: 26392

Ion	Ratio	Lower	Upper
252	100		
254	65.8	51.7	77.5
126	11.9	9.4	14.0



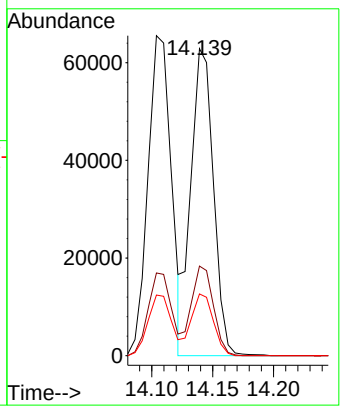


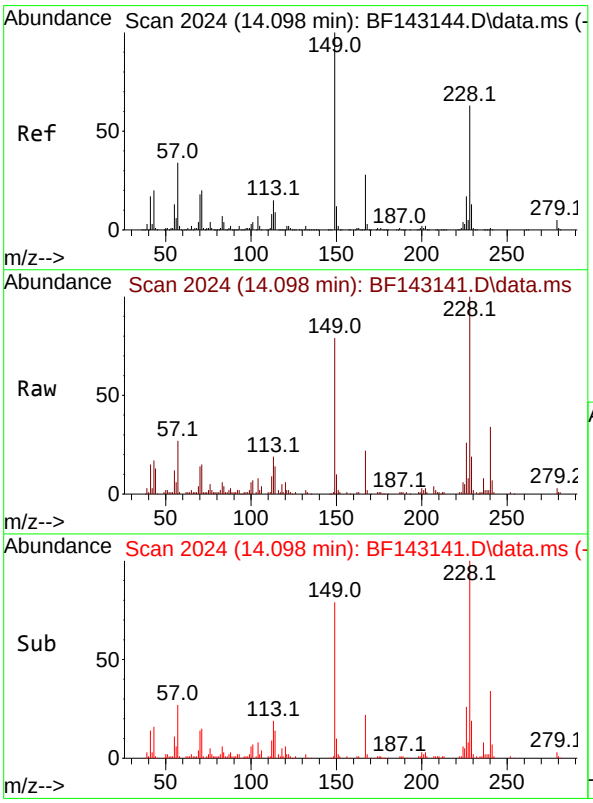
#83
Chrysene
Concen: 5.325 ng
RT: 14.139 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 81091

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.8	35.8
229	20.1	15.6	23.4

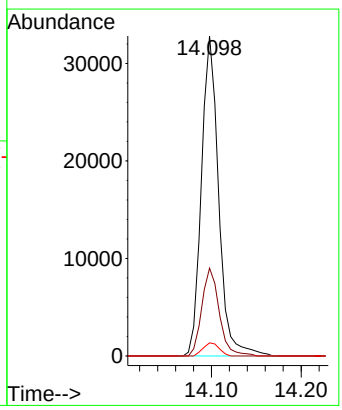


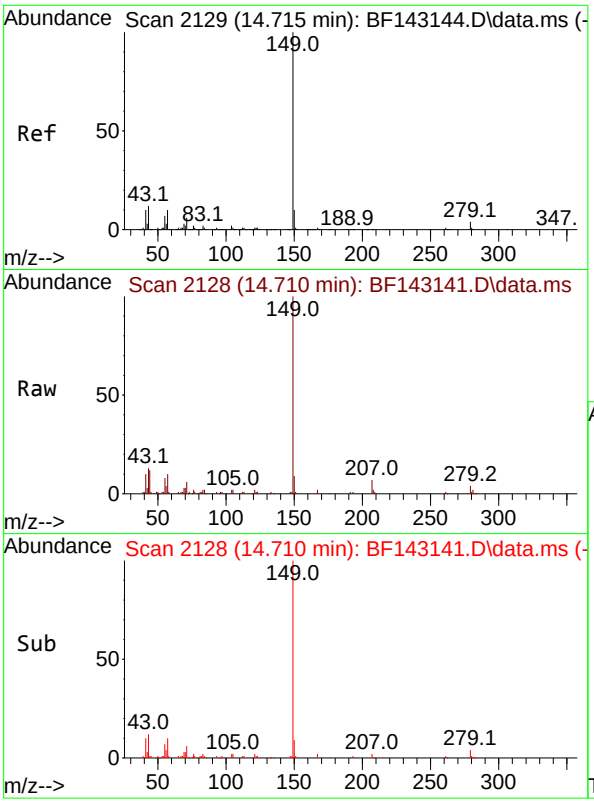


#84
Bis(2-ethylhexyl)phthalate
Concen: 4.370 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:149 Resp: 43732

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.3	33.5
279	4.1	3.6	5.4



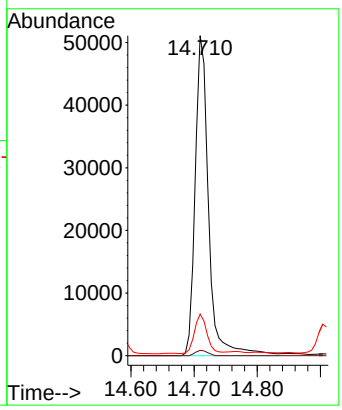


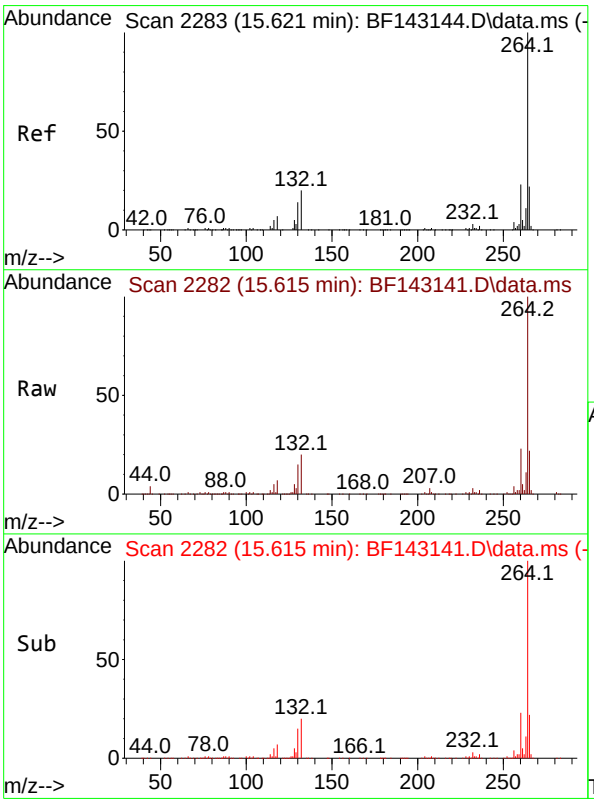
#85
Di-n-octyl phthalate
Concen: 4.147 ng
RT: 14.710 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 75225

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.3	9.7	14.5

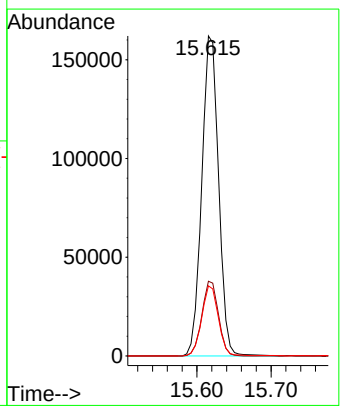


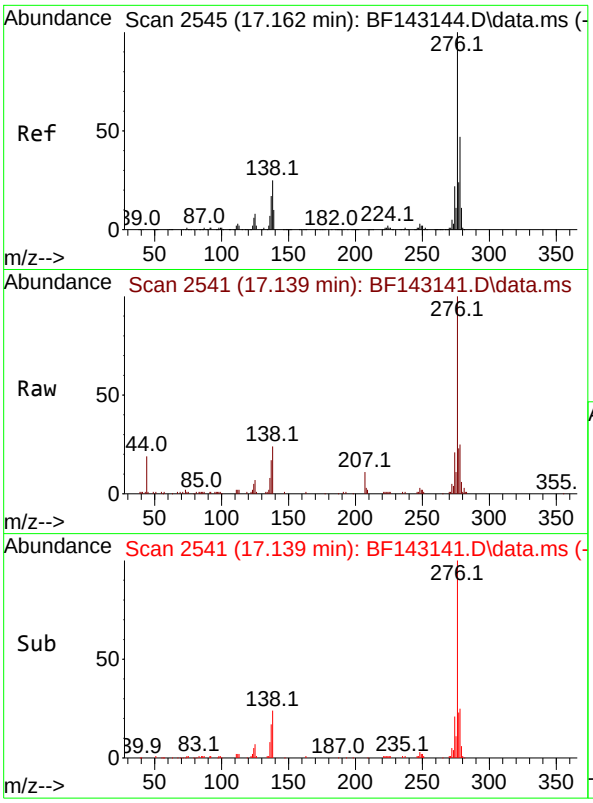


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:264 Resp: 255898

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.9	17.4	26.2



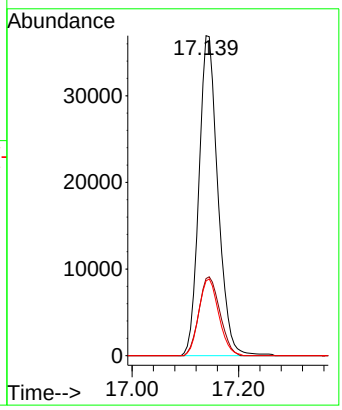


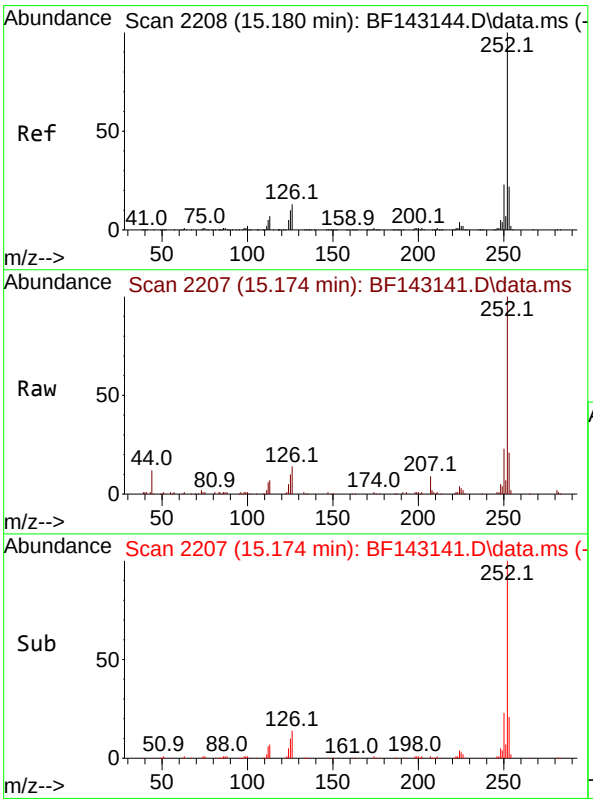
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.047 ng
RT: 17.139 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 91076

Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.8	32.6
277	25.2	20.0	30.0

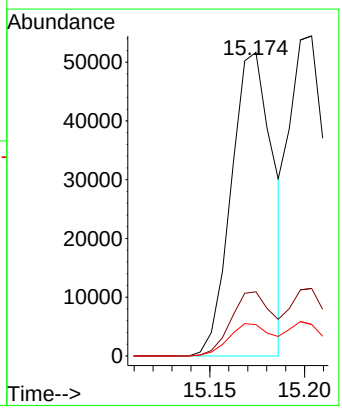


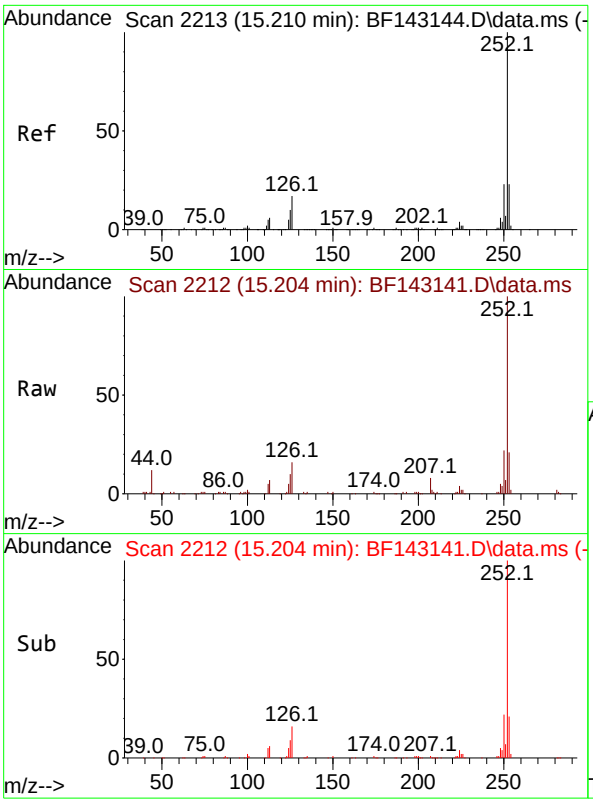


#88
Benzo(b)fluoranthene
Concen: 5.037 ng
RT: 15.174 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:252 Resp: 78749

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.5	26.3
125	10.3	8.0	12.0



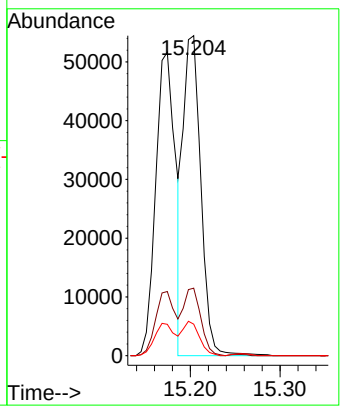


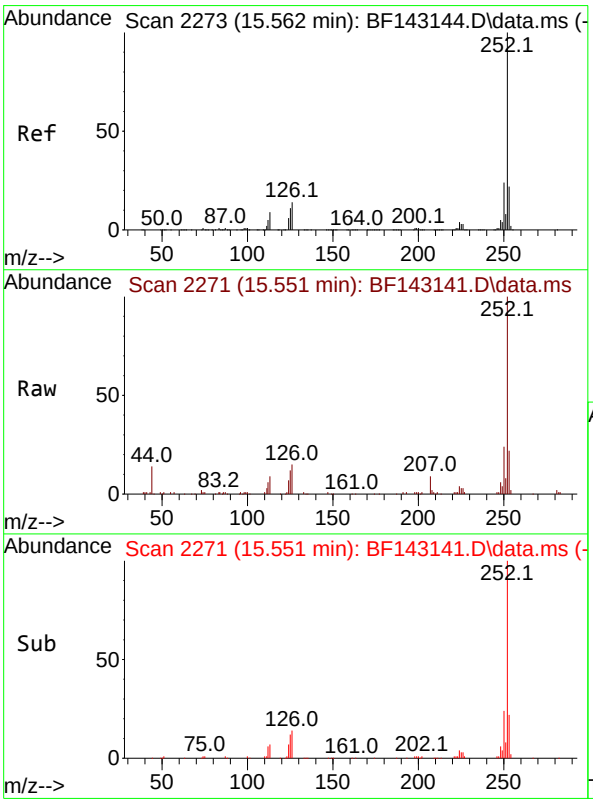
#89
Benzo(k)fluoranthene
Concen: 5.358 ng
RT: 15.204 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 74738

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.8	26.6
125	9.9	8.1	12.1

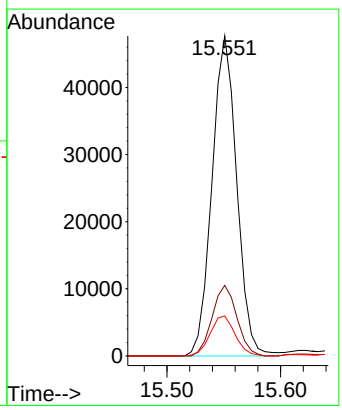


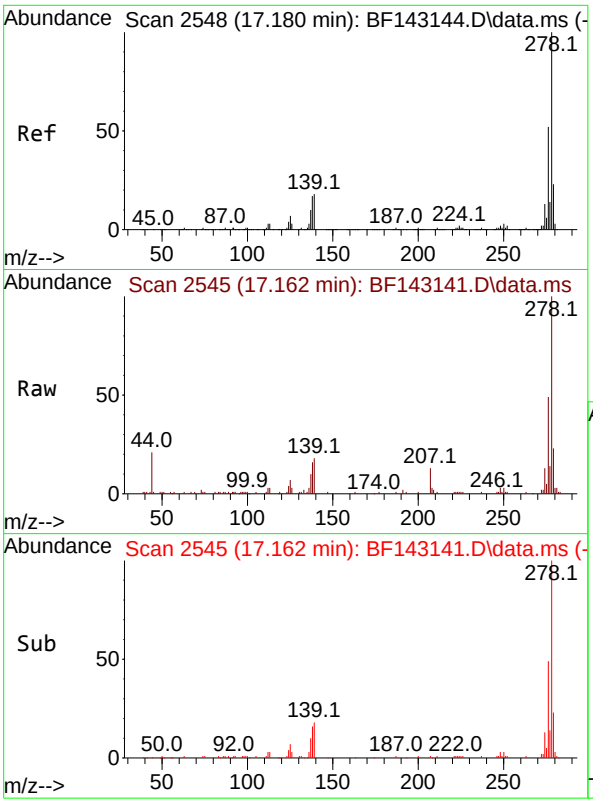


#90
Benzo(a)pyrene
Concen: 5.012 ng
RT: 15.551 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:252 Resp: 72196

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	12.5	8.6	13.0



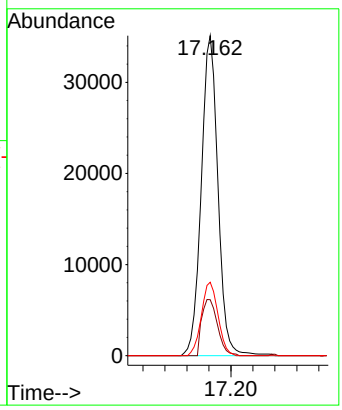


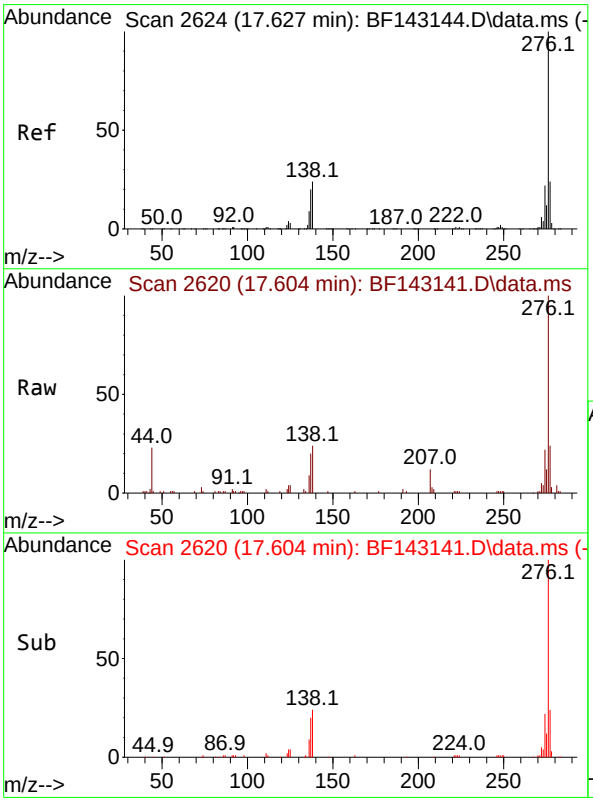
#91
Dibenzo(a,h)anthracene
Concen: 5.047 ng
RT: 17.162 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:278 Resp: 74120

Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.1	21.1
279	22.9	18.6	28.0

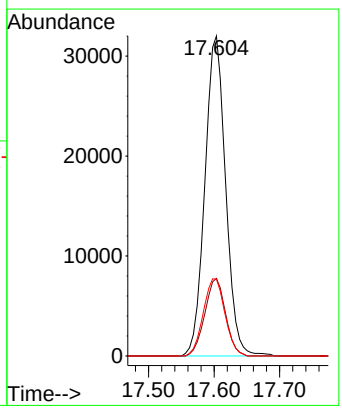




#92
Benzo(g,h,i)perylene
Concen: 4.955 ng
RT: 17.604 min Scan# 2620
Delta R.T. -0.023 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:276 Resp: 70403

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.1	28.7
138	24.0	18.9	28.3



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143142.D
Acq On : 17 Jul 2025 12:04
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Jul 17 15:01:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	140410	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	545730	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	282580	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	461255	20.000	ng		0.00
76) Chrysene-d12	14.116	240	254650	20.000	ng		0.00
86) Perylene-d12	15.621	264	273706	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	184363	20.778	ng		0.00
7) Phenol-d6	6.569	99	230206	20.613	ng		-0.02
23) Nitrobenzene-d5	7.510	82	223300	20.396	ng		-0.01
42) 2,4,6-Tribromophenol	10.780	330	56961	19.512	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	464669	22.489	ng		0.00
79) Terphenyl-d14	13.063	244	370808	21.669	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	40860	9.732	ng		98
3) Pyridine	3.587	79	109317	10.032	ng		100
4) n-Nitrosodimethylamine	3.510	42	54487	9.684	ng		98
6) Aniline	6.616	93	158580	10.188	ng		99
8) 2-Chlorophenol	6.740	128	94265	10.135	ng		98
9) Benzaldehyde	6.510	77	81897	9.779	ng		100
10) Phenol	6.587	94	126291	10.380	ng		96
11) bis(2-Chloroethyl)ether	6.687	93	94260	10.119	ng		99
12) 1,3-Dichlorobenzene	6.904	146	106226	10.514	ng		97
13) 1,4-Dichlorobenzene	6.981	146	106581	10.475	ng		99
14) 1,2-Dichlorobenzene	7.134	146	99226	10.253	ng		99
15) Benzyl Alcohol	7.087	79	85240	9.996	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.234	45	179226	10.371	ng		99
17) 2-Methylphenol	7.198	107	78001	9.974	ng		99
18) Hexachloroethane	7.481	117	34985	9.932	ng		99
19) n-Nitroso-di-n-propyla...	7.357	70	73815	10.302	ng		97
20) 3+4-Methylphenols	7.345	107	103018	10.858	ng		91
22) Acetophenone	7.357	105	137532	10.645	ng	#	98
24) Nitrobenzene	7.534	77	100837	9.879	ng		98
25) Isophorone	7.769	82	192895	9.981	ng		100
26) 2-Nitrophenol	7.851	139	38451	8.680	ng		96
27) 2,4-Dimethylphenol	7.881	122	92724	10.269	ng		98
28) bis(2-Chloroethoxy)met...	7.981	93	119320	10.297	ng		98
29) 2,4-Dichlorophenol	8.087	162	76847	10.091	ng		98
30) 1,2,4-Trichlorobenzene	8.181	180	83842	10.191	ng		100
31) Naphthalene	8.263	128	283107	10.534	ng		99
32) Benzoic acid	7.928	122	25309	9.564	ng		98
33) 4-Chloroaniline	8.304	127	113797	10.369	ng		100
34) Hexachlorobutadiene	8.386	225	51715	10.290	ng		99
35) Caprolactam	8.634	113	21157	9.194	ng		95
36) 4-Chloro-3-methylphenol	8.775	107	84647	10.227	ng		98
37) 2-Methylnaphthalene	8.951	142	172865	10.570	ng		100
38) 1-Methylnaphthalene	9.051	142	177917	10.564	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	84494	10.357	ng		99
41) Hexachlorocyclopentadiene	9.116	237	47577	8.963	ng		99
43) 2,4,6-Trichlorophenol	9.228	196	57396	10.165	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143142.D
Acq On : 17 Jul 2025 12:04
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Jul 17 15:01:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.257	196	54716	9.688	ng		97
46) 1,1'-Biphenyl	9.416	154	235467	10.680	ng		100
47) 2-Chloronaphthalene	9.439	162	172831	10.595	ng		98
48) 2-Nitroaniline	9.528	65	47055	9.198	ng		99
49) Acenaphthylene	9.857	152	289989	10.607	ng		98
50) Dimethylphthalate	9.704	163	189399	10.283	ng		99
51) 2,6-Dinitrotoluene	9.763	165	35364	9.438	ng		93
52) Acenaphthene	10.028	154	168698	10.440	ng		99
53) 3-Nitroaniline	9.933	138	42367	9.667	ng		97
54) 2,4-Dinitrophenol	10.033	184	7147	10.522	ng	#	1
55) Dibenzofuran	10.198	168	255272	10.641	ng		99
56) 4-Nitrophenol	10.075	139	28233	8.627	ng		98
57) 2,4-Dinitrotoluene	10.169	165	41815	8.895	ng		98
58) Fluorene	10.545	166	198041	10.999	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.316	232	46720	9.986	ng		99
60) Diethylphthalate	10.410	149	186802	10.261	ng		99
61) 4-Chlorophenyl-phenyle...	10.533	204	94685	10.561	ng		97
62) 4-Nitroaniline	10.539	138	35962	9.574	ng		98
63) Azobenzene	10.692	77	197998	10.435	ng		99
65) 4,6-Dinitro-2-methylph...	10.575	198	12541	10.014	ng		94
66) n-Nitrosodiphenylamine	10.645	169	167901	10.337	ng		100
67) 4-Bromophenyl-phenylether	11.022	248	54849	9.978	ng		97
68) Hexachlorobenzene	11.092	284	57305	9.974	ng		97
69) Atrazine	11.169	200	43045	9.613	ng		98
70) Pentachlorophenol	11.280	266	27529	8.148	ng		99
71) Phenanthrene	11.504	178	253750	10.361	ng		99
72) Anthracene	11.557	178	261960	10.487	ng		99
73) Carbazole	11.704	167	223376	10.241	ng		100
74) Di-n-butylphthalate	12.039	149	243142	9.852	ng		100
75) Fluoranthene	12.692	202	227701	10.129	ng		99
77) Benzidine	12.804	184	96484	9.834	ng		99
78) Pyrene	12.922	202	227008	10.445	ng		100
80) Butylbenzylphthalate	13.539	149	60055	9.024	ng		98
81) Benzo(a)anthracene	14.110	228	174020	10.207	ng		99
82) 3,3'-Dichlorobenzidine	14.063	252	55694	9.802	ng		97
83) Chrysene	14.145	228	149446	9.750	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	96191	9.549	ng		97
85) Di-n-octyl phthalate	14.710	149	162156	8.881	ng		99
87) Indeno(1,2,3-cd)pyrene	17.145	276	182869	9.475	ng		99
88) Benzo(b)fluoranthene	15.174	252	155430	9.296	ng		99
89) Benzo(k)fluoranthene	15.204	252	157663	10.567	ng		100
90) Benzo(a)pyrene	15.551	252	150853	9.792	ng		99
91) Dibenzo(a,h)anthracene	17.162	278	150977	9.611	ng		100
92) Benzo(g,h,i)perylene	17.609	276	143342	9.433	ng		99

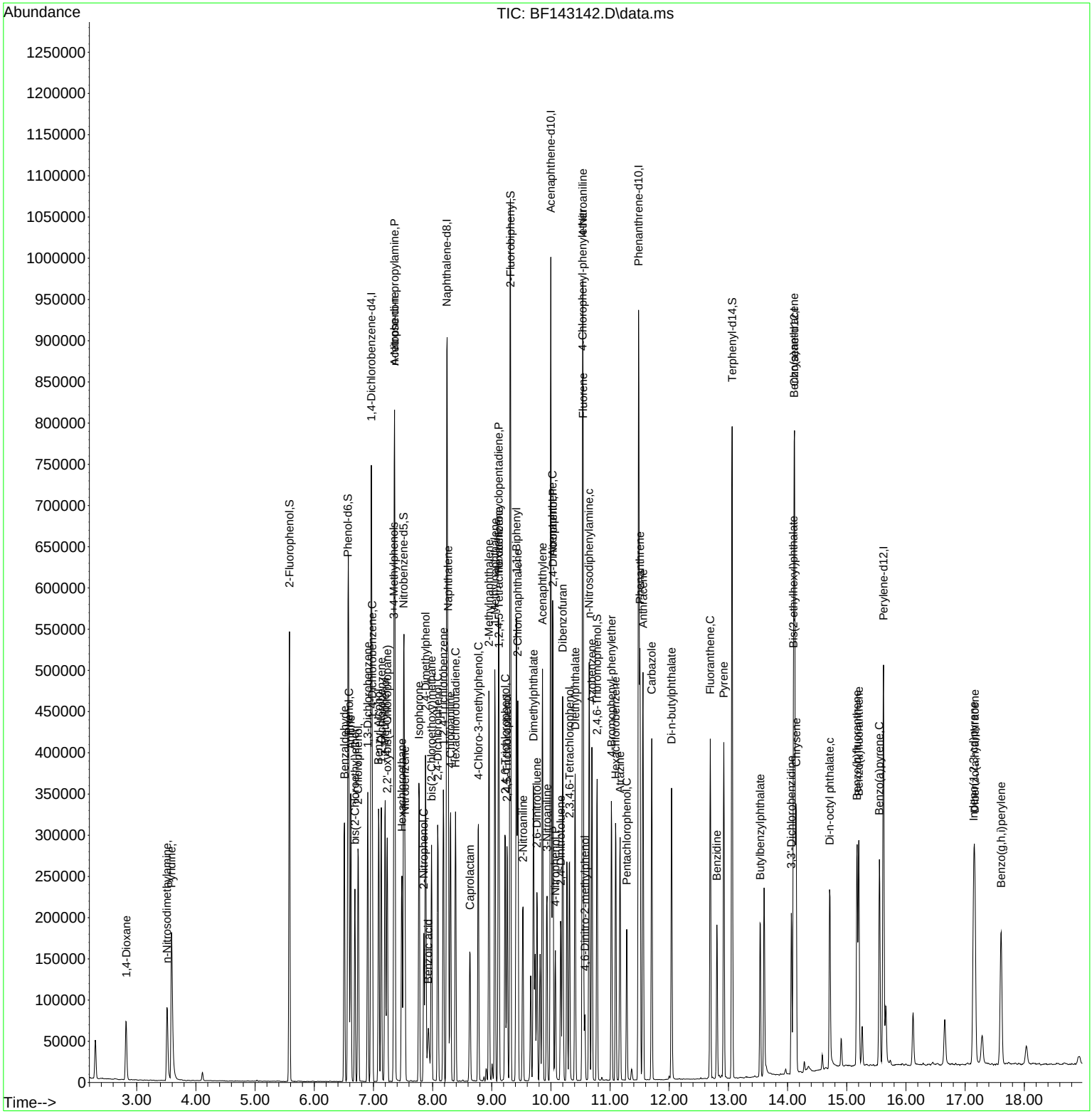
(#) = qualifier out of range (m) = manual integration (+) = signals summed

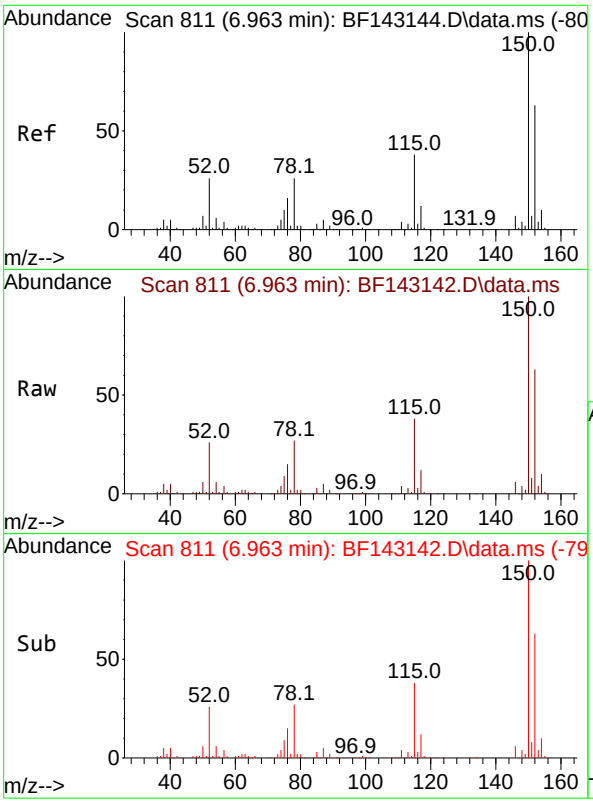
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143142.D
Acq On : 17 Jul 2025 12:04
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Jul 17 15:01:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration



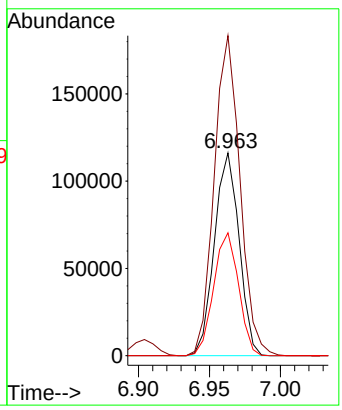


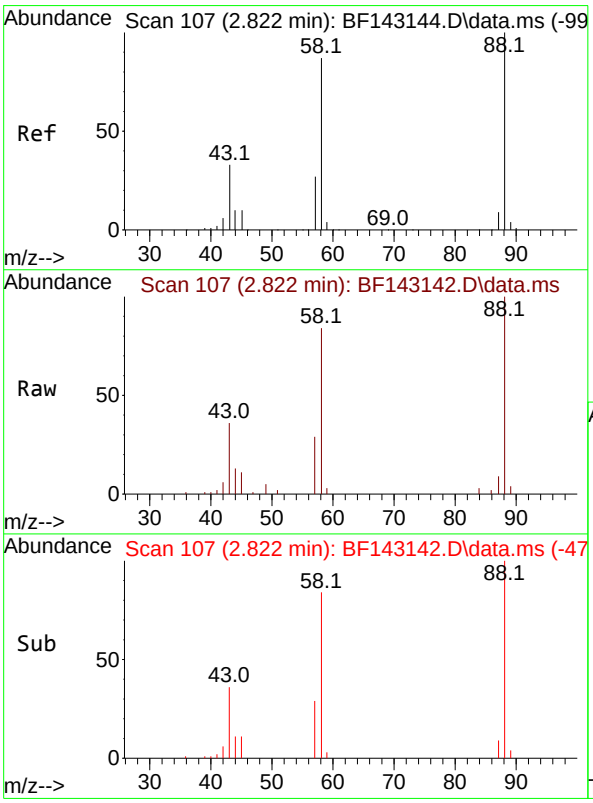
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 140410

Ion	Ratio	Lower	Upper
152	100		
150	157.8	128.2	192.4
115	60.6	47.9	71.9

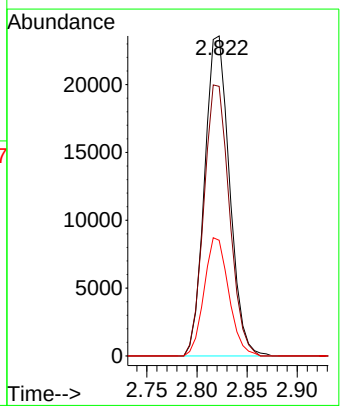


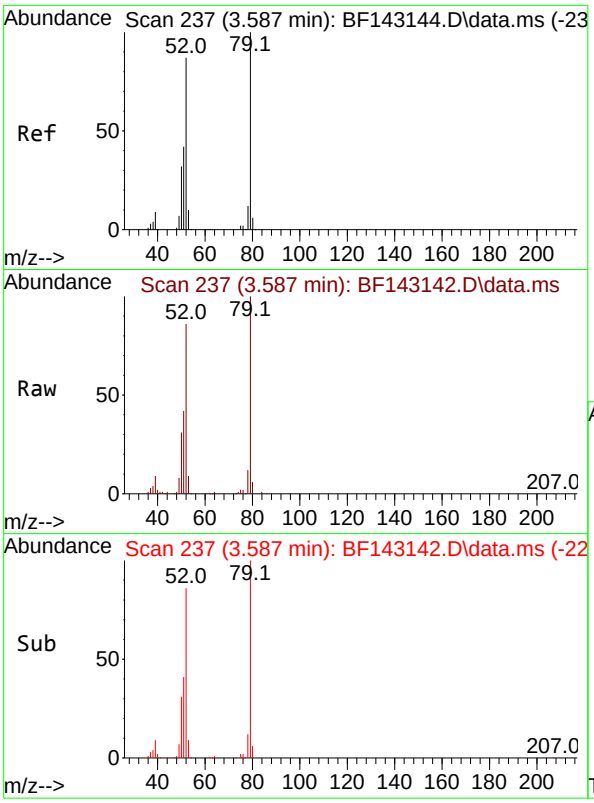


#2
1,4-Dioxane
Concen: 9.732 ng
RT: 2.822 min Scan# 107
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 88 Resp: 40860

Ion	Ratio	Lower	Upper
88	100		
58	86.6	70.2	105.2
43	36.5	27.1	40.7



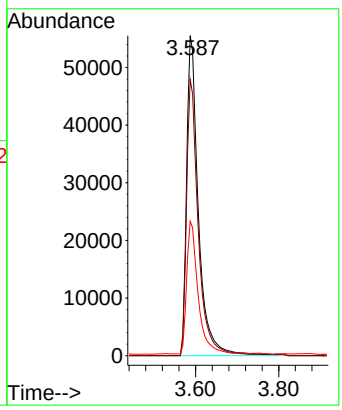


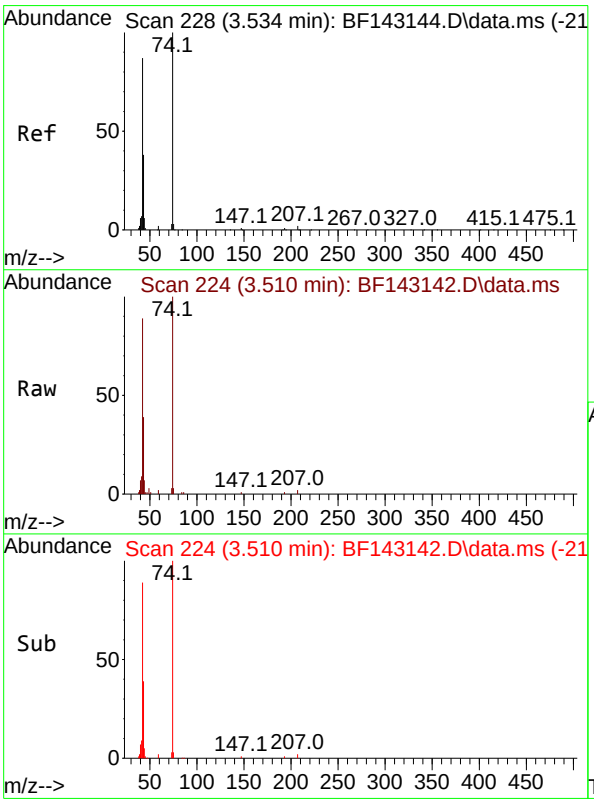
#3
Pyridine
Concen: 10.032 ng
RT: 3.587 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 109317

Ion	Ratio	Lower	Upper
79	100		
52	86.3	69.4	104.2
51	42.0	33.5	50.3

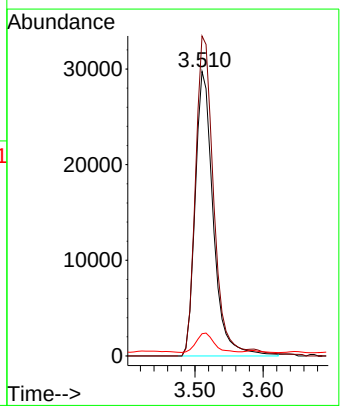


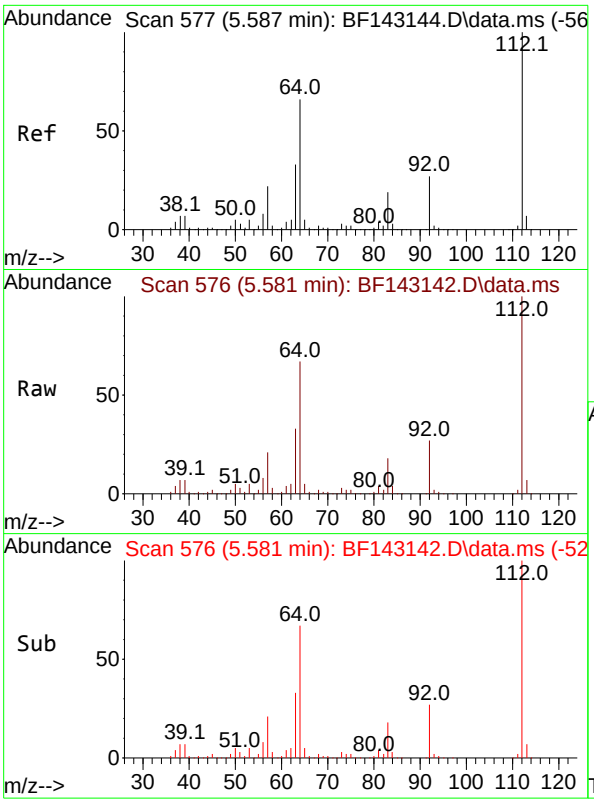


#4
n-Nitrosodimethylamine
Concen: 9.684 ng
RT: 3.510 min Scan# 224
Delta R.T. -0.023 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 42 Resp: 54487

Ion	Ratio	Lower	Upper
42	100		
74	112.5	91.7	137.5
44	7.8	5.6	8.4



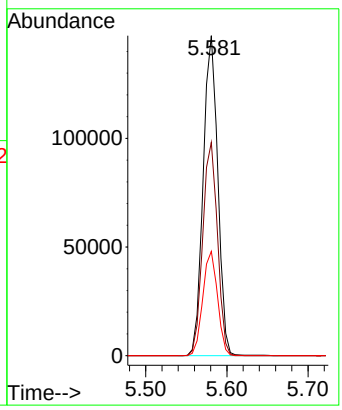


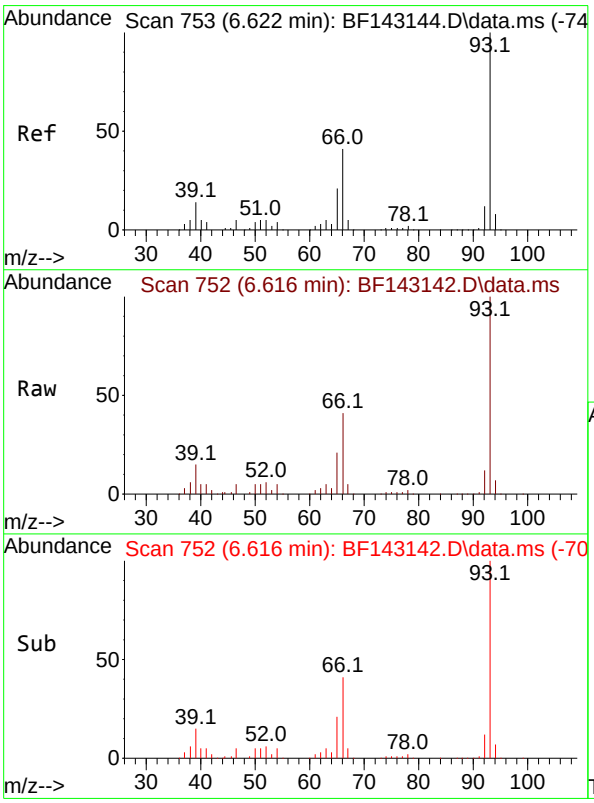
#5
2-Fluorophenol
Concen: 20.778 ng
RT: 5.581 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 184363

Ion	Ratio	Lower	Upper
112	100		
64	66.6	53.1	79.7
63	32.6	26.6	40.0

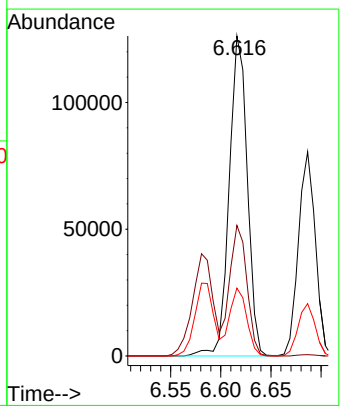


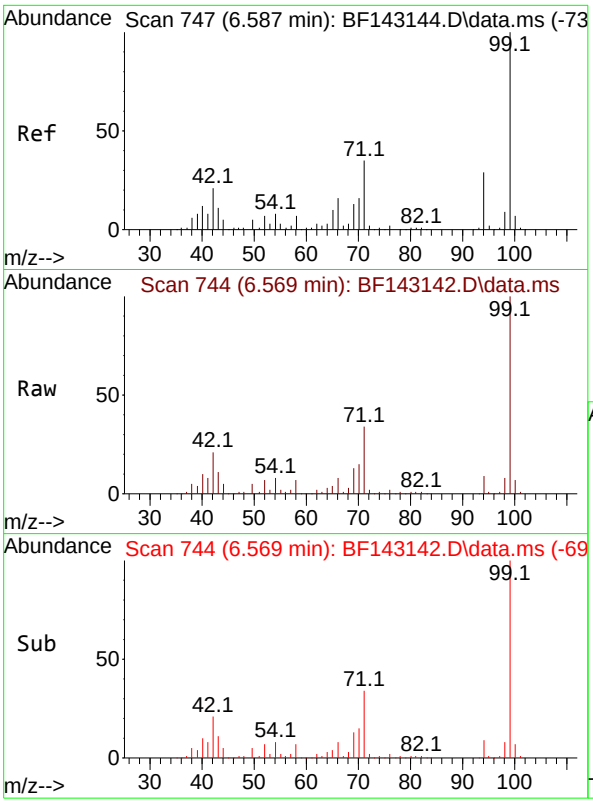


#6
Aniline
Concen: 10.188 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 93 Resp: 158580

Ion	Ratio	Lower	Upper
93	100		
66	40.8	33.2	49.8
65	21.2	16.9	25.3



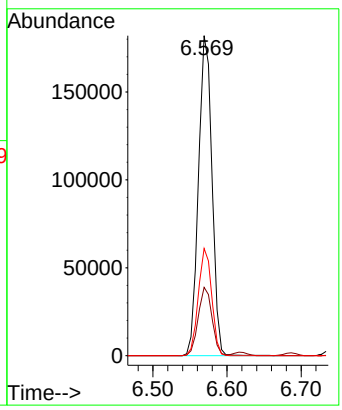


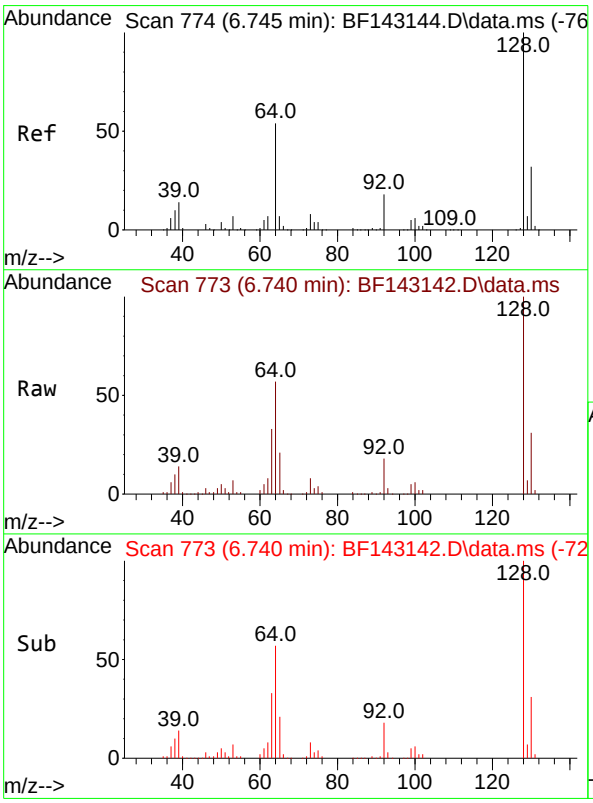
#7
Phenol-d6
Concen: 20.613 ng
RT: 6.569 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 230206

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.0	25.6
71	33.5	27.7	41.5

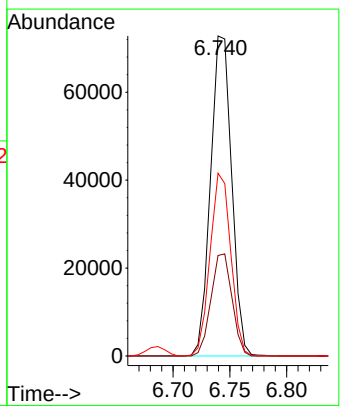


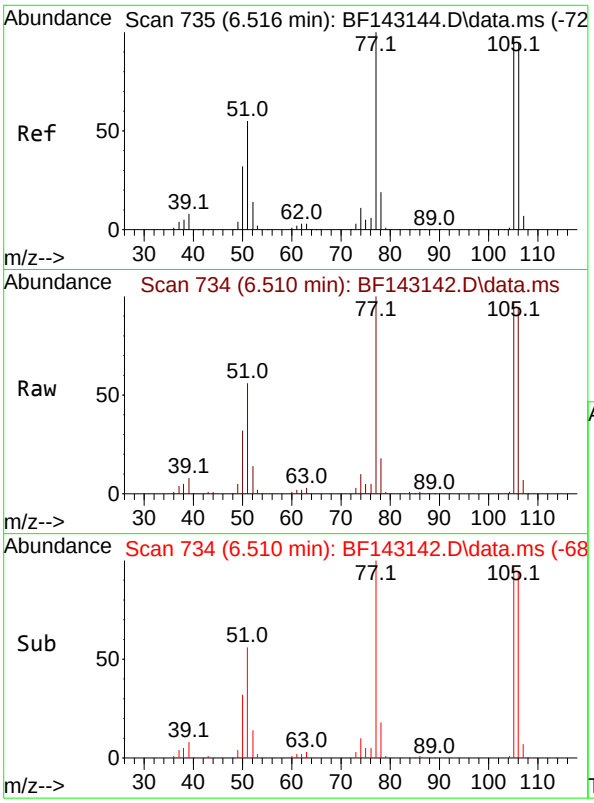


#8
2-Chlorophenol
Concen: 10.135 ng
RT: 6.740 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:128 Resp: 94265

Ion	Ratio	Lower	Upper
128	100		
130	31.4	12.3	52.3
64	57.1	35.9	75.9



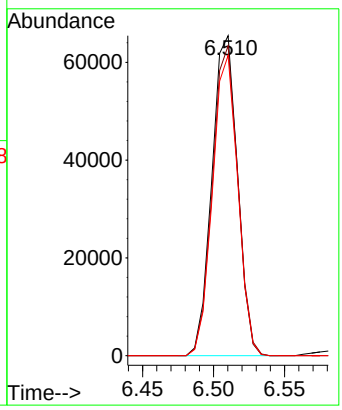


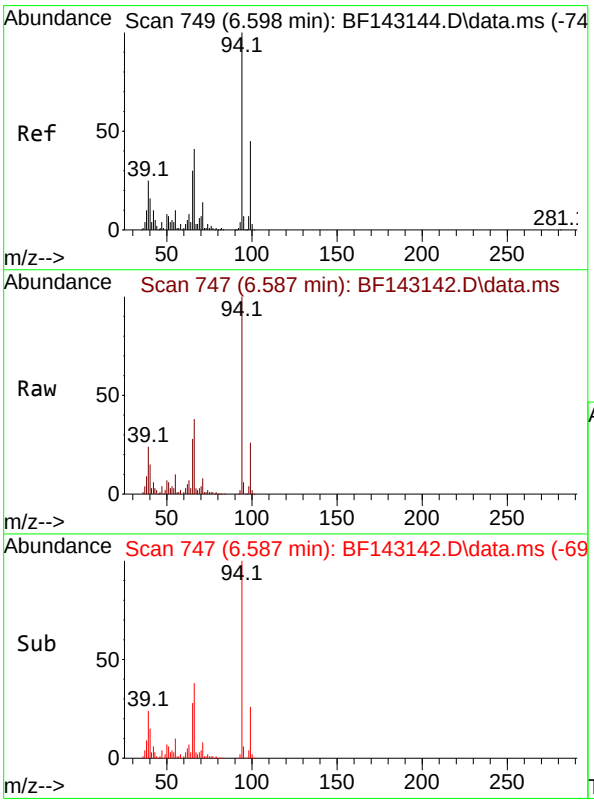
#9
Benzaldehyde
Concen: 9.779 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 81897

Ion	Ratio	Lower	Upper
77	100		
105	96.9	76.8	116.8
106	93.9	74.4	114.4

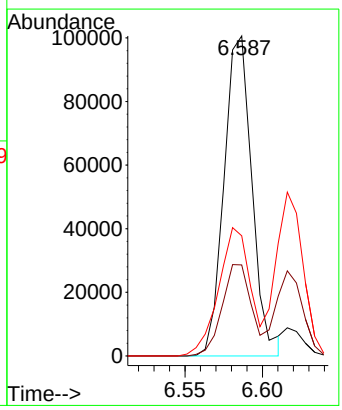


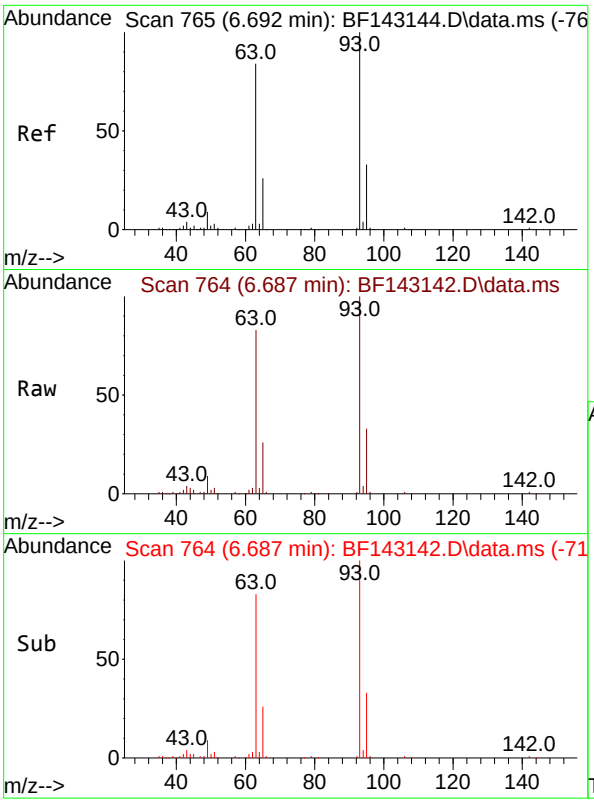


#10
Phenol
Concen: 10.380 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 94 Resp: 126291

Ion	Ratio	Lower	Upper
94	100		
65	28.4	10.0	50.0
66	37.5	20.8	60.8



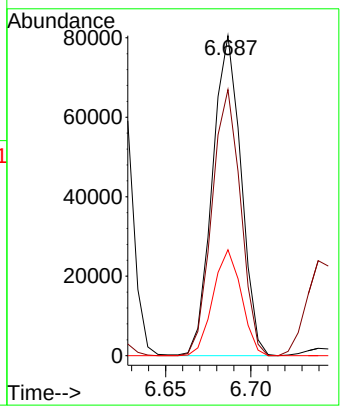


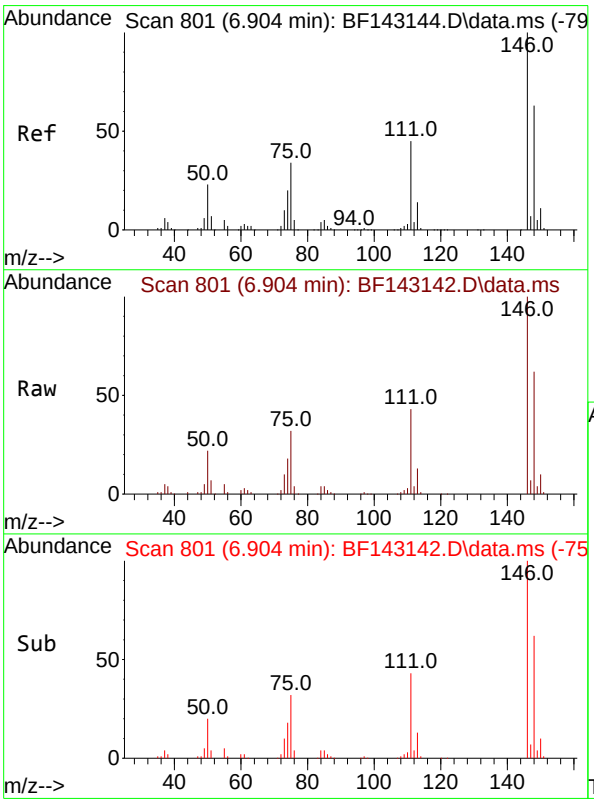
#11
bis(2-Chloroethyl)ether
Concen: 10.119 ng
RT: 6.687 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 94260

Ion	Ratio	Lower	Upper
93	100		
63	83.2	63.4	103.4
95	33.1	12.4	52.4

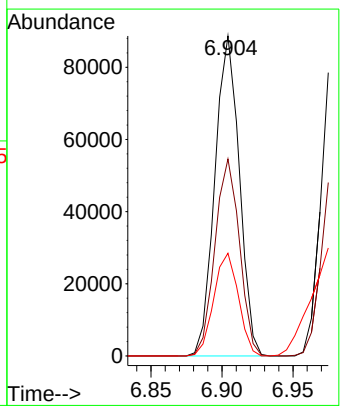


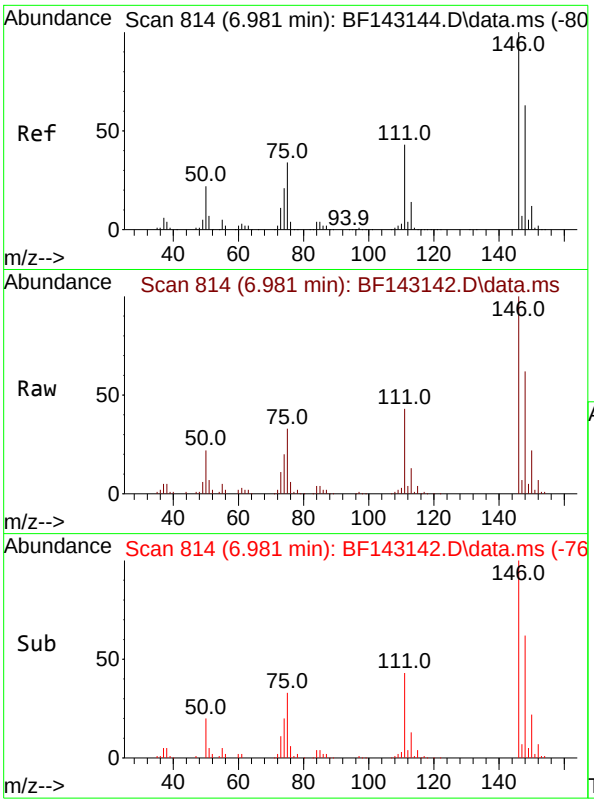


#12
1,3-Dichlorobenzene
Concen: 10.514 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:146 Resp: 106226

Ion	Ratio	Lower	Upper
146	100		
148	61.6	50.6	76.0
75	32.1	27.4	41.2



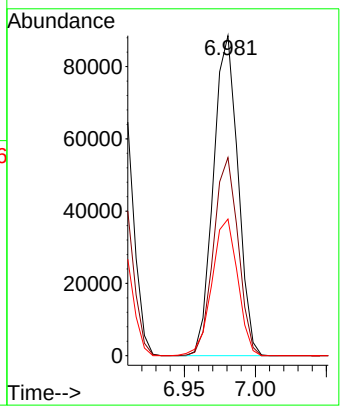


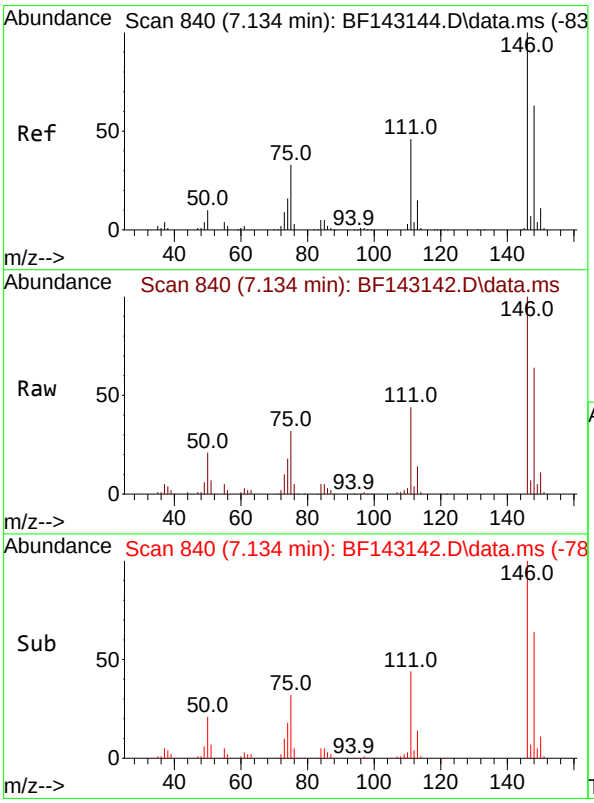
#13
1,4-Dichlorobenzene
Concen: 10.475 ng
RT: 6.981 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 106581

Ion	Ratio	Lower	Upper
146	100		
148	61.9	50.3	75.5
111	42.7	34.4	51.6

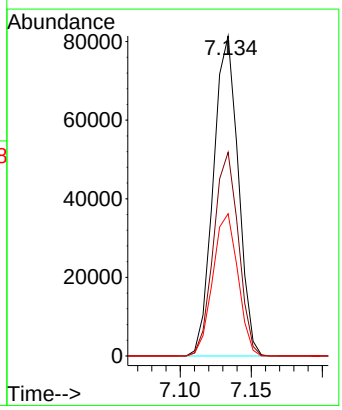


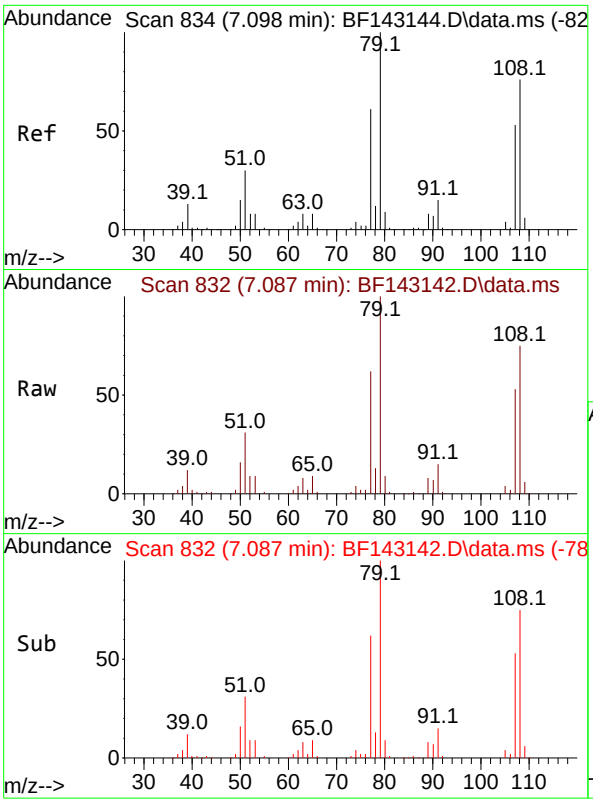


#14
1,2-Dichlorobenzene
Concen: 10.253 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:146 Resp: 99226

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.7	76.1
111	44.5	36.6	54.8



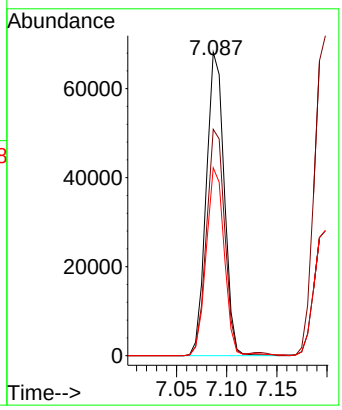


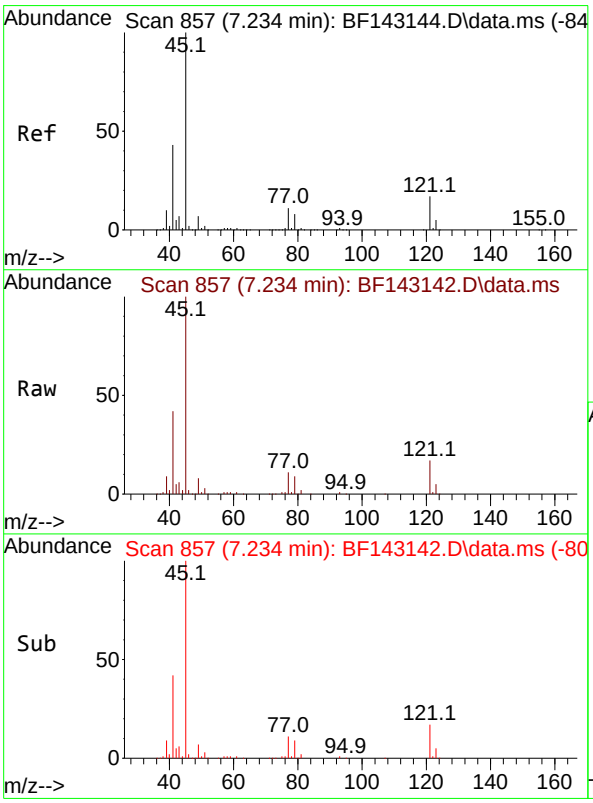
#15
Benzyl Alcohol
Concen: 9.996 ng
RT: 7.087 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 85240

Ion	Ratio	Lower	Upper
79	100		
108	74.6	61.1	91.7
77	61.9	48.9	73.3

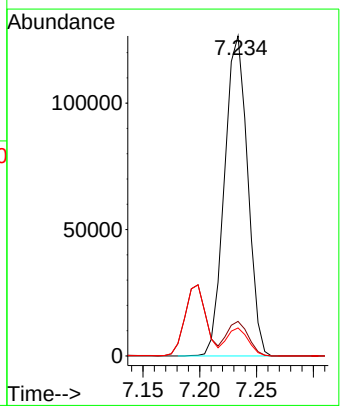


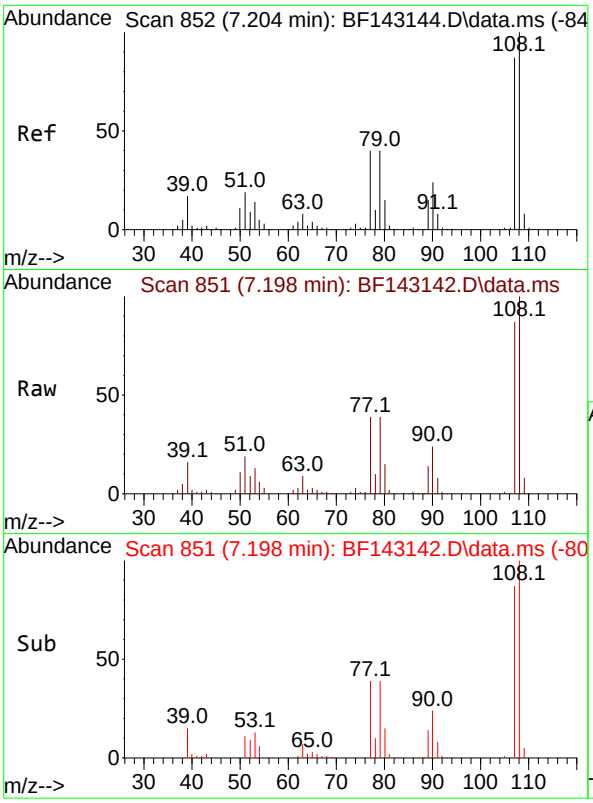


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.371 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 45 Resp: 179226

Ion	Ratio	Lower	Upper
45	100		
77	10.8	0.0	31.2
79	8.7	0.0	28.5



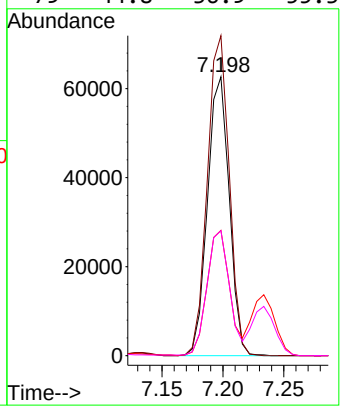


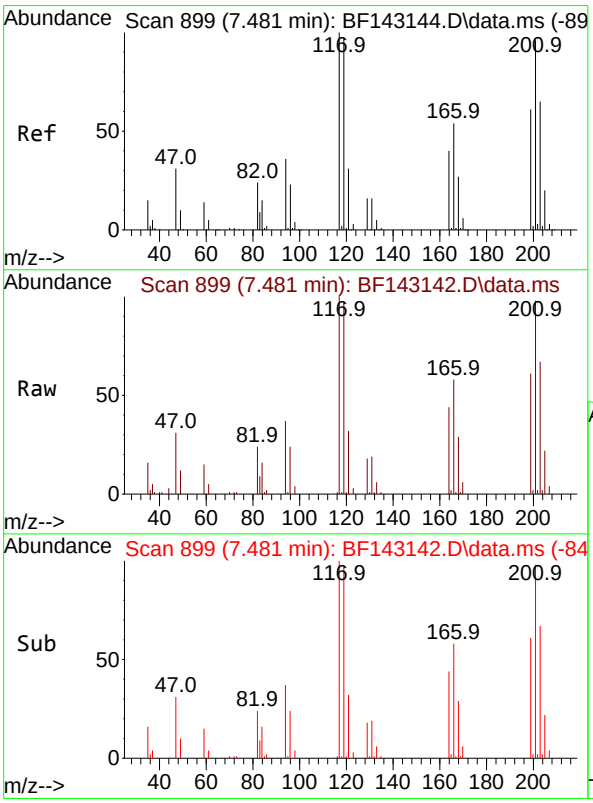
#17
2-Methylphenol
Concen: 9.974 ng
RT: 7.198 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 78001

Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.8	137.6
77	45.0	37.0	55.6
79	44.8	36.9	55.3

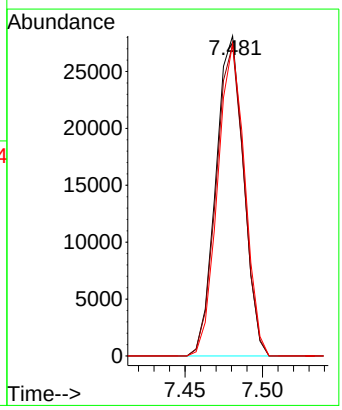


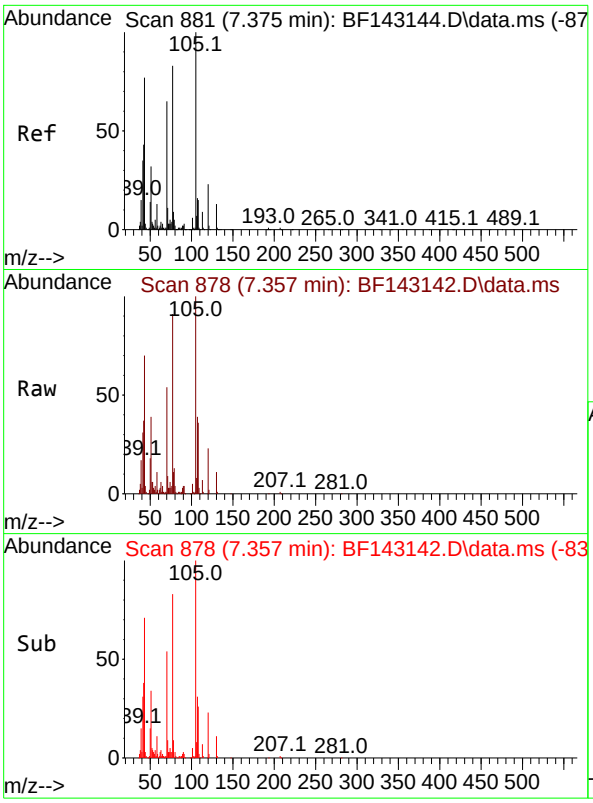


#18
Hexachloroethane
Concen: 9.932 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:117 Resp: 34985

Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.8	116.8
201	97.7	77.0	115.4



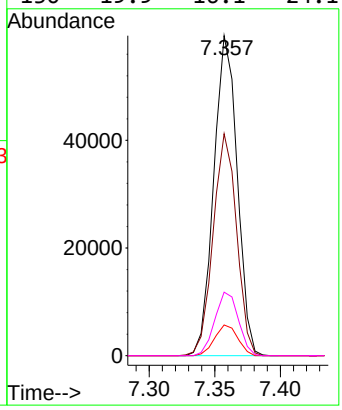


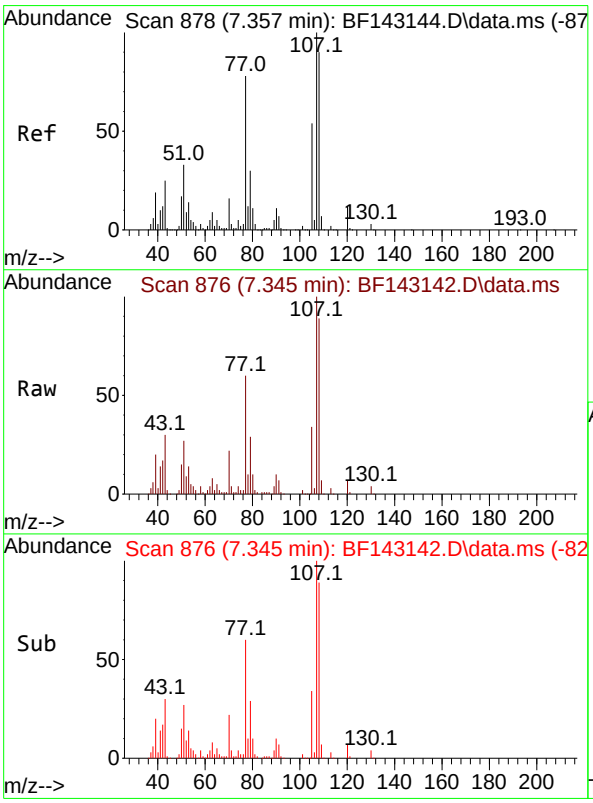
#19
n-Nitroso-di-n-propylamine
Concen: 10.302 ng
RT: 7.357 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 70 Resp: 73815

Ion	Ratio	Lower	Upper
70	100		
42	69.4	52.5	78.7
101	9.6	7.6	11.4
130	19.9	16.1	24.1

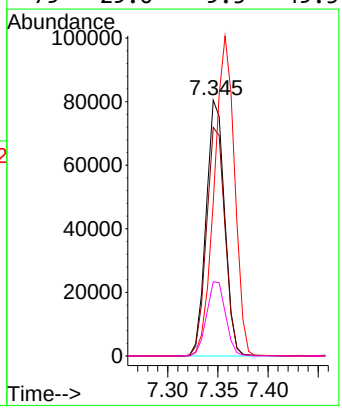


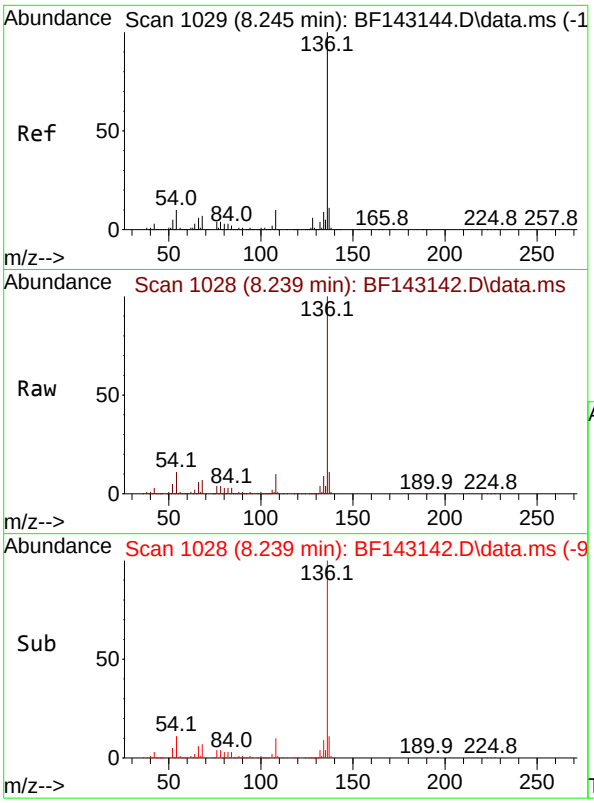


#20
3+4-Methylphenols
Concen: 10.858 ng
RT: 7.345 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:107 Resp: 103018

Ion	Ratio	Lower	Upper
107	100		
108	89.3	70.0	110.0
77	60.0	57.8	97.8
79	29.0	9.5	49.5



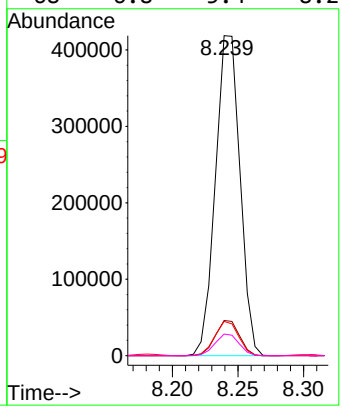


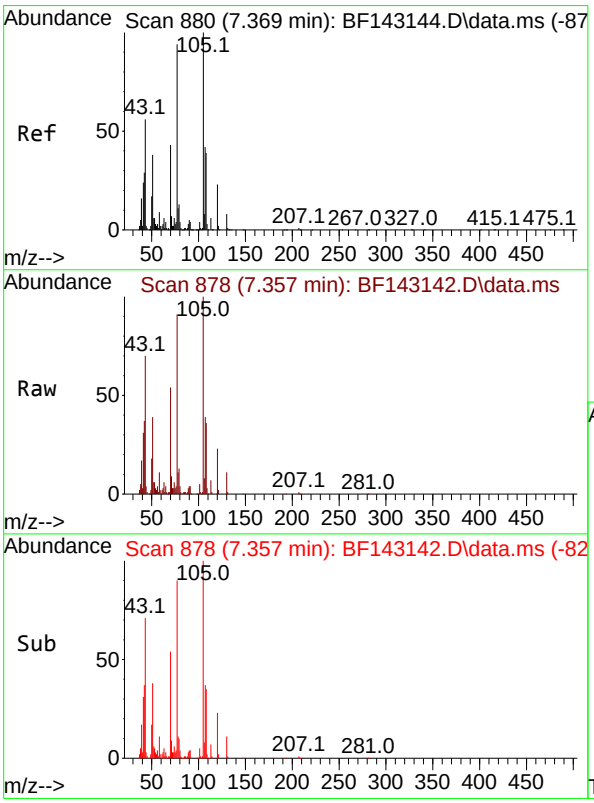
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 545730

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.7	8.2	12.2
68	6.8	5.4	8.2

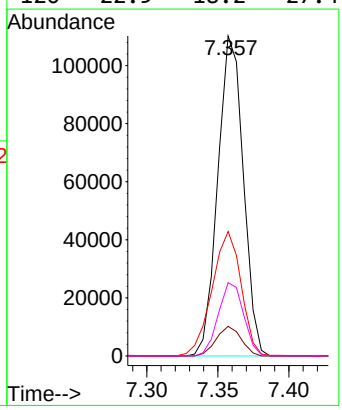


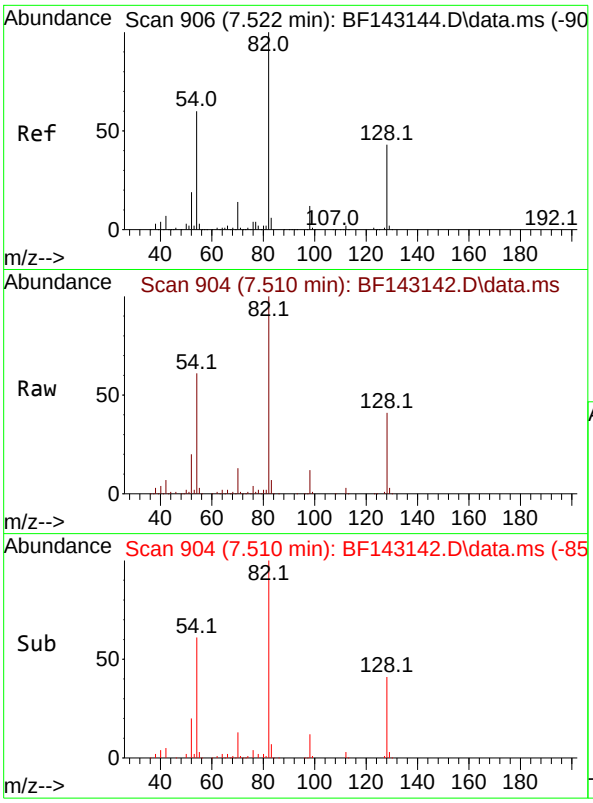


#22
Acetophenone
Concen: 10.645 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:105 Resp: 137532

Ion	Ratio	Lower	Upper
105	100		
71	9.3	5.8	8.6#
51	38.9	30.2	45.2
120	22.9	18.2	27.4



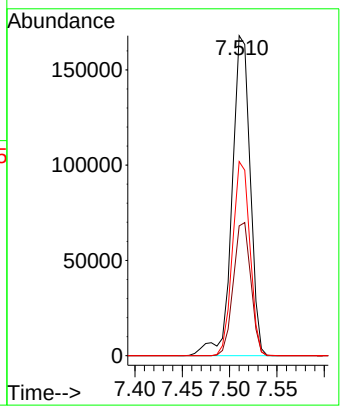


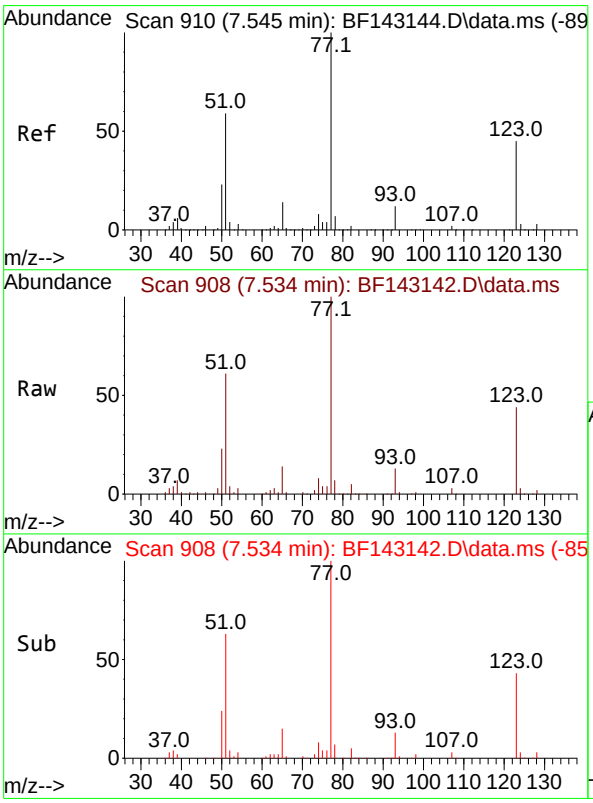
#23
Nitrobenzene-d5
Concen: 20.396 ng
RT: 7.510 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 223300

Ion	Ratio	Lower	Upper
82	100		
128	40.5	33.6	50.4
54	60.7	47.1	70.7

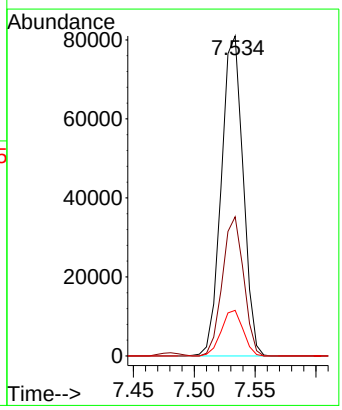


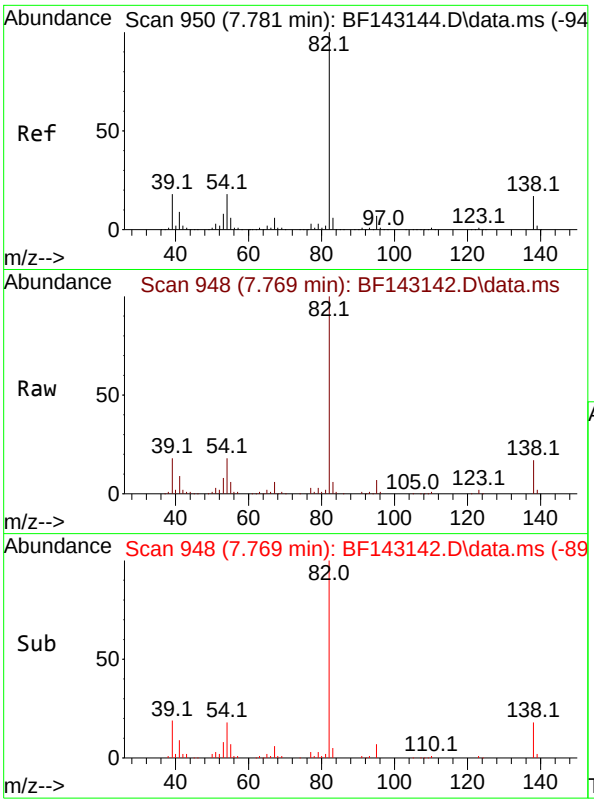


#24
Nitrobenzene
Concen: 9.879 ng
RT: 7.534 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 77 Resp: 100837

Ion	Ratio	Lower	Upper
77	100		
123	43.5	36.1	54.1
65	14.2	11.4	17.2



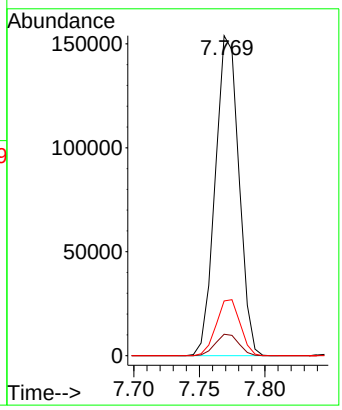


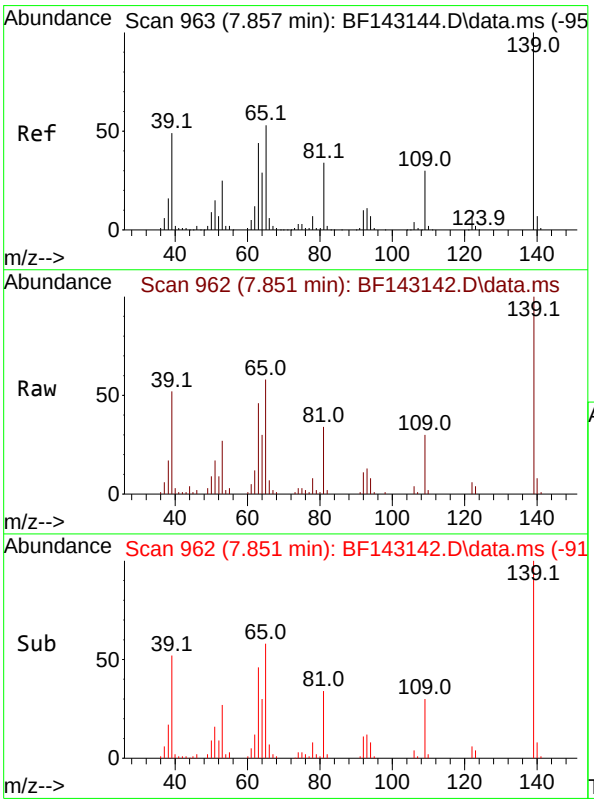
#25
Isophorone
Concen: 9.981 ng
RT: 7.769 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 192895

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.5	8.3
138	17.1	13.8	20.8

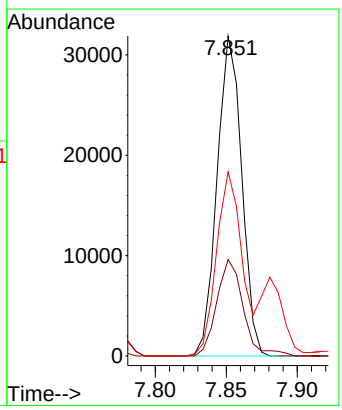


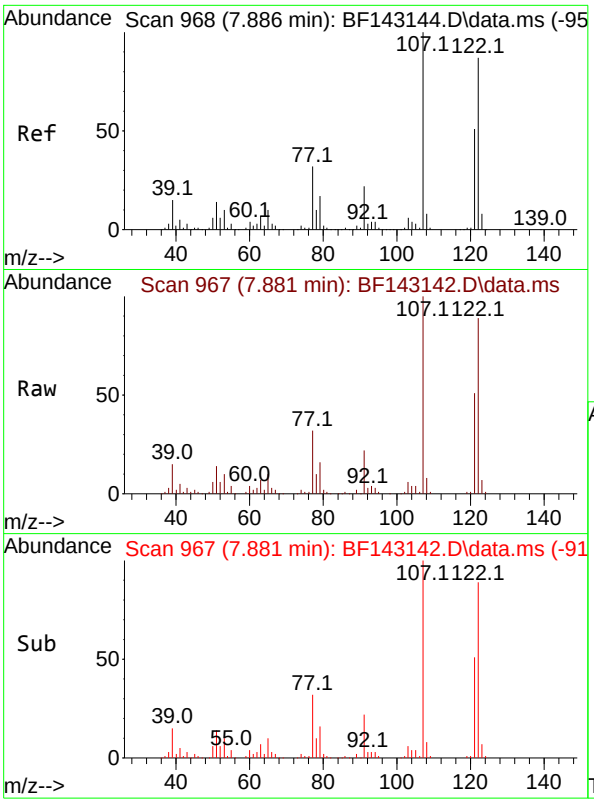


#26
2-Nitrophenol
Concen: 8.680 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:139 Resp: 38451

Ion	Ratio	Lower	Upper
139	100		
109	30.2	23.6	35.4
65	57.5	42.6	64.0



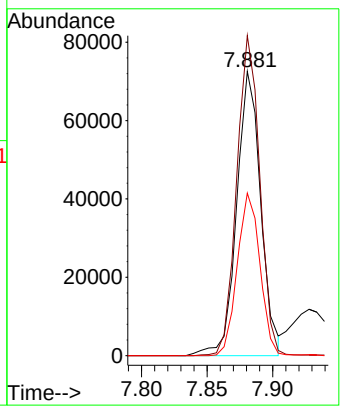


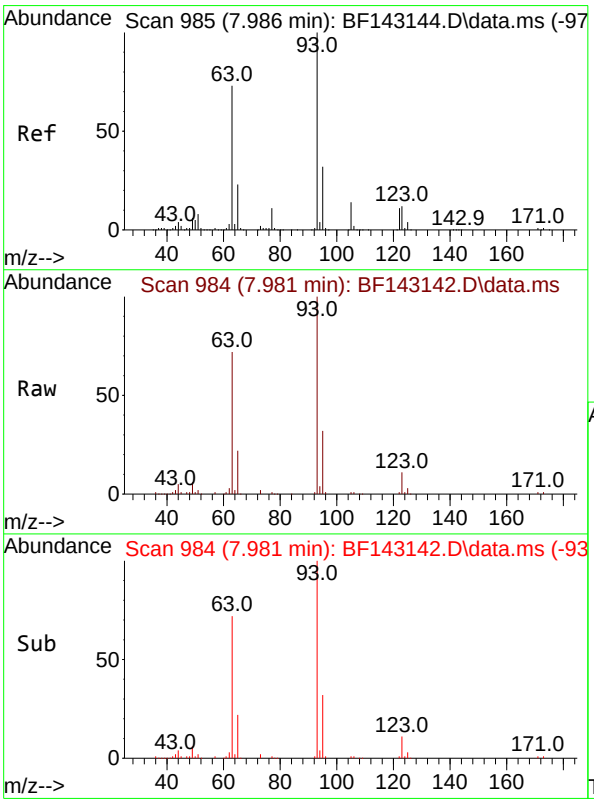
#27
2,4-Dimethylphenol
Concen: 10.269 ng
RT: 7.881 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 92724

Ion	Ratio	Lower	Upper
122	100		
107	112.6	91.8	137.6
121	57.2	46.3	69.5

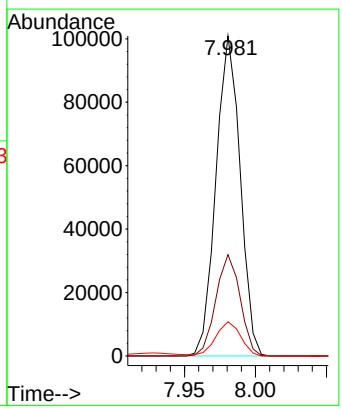


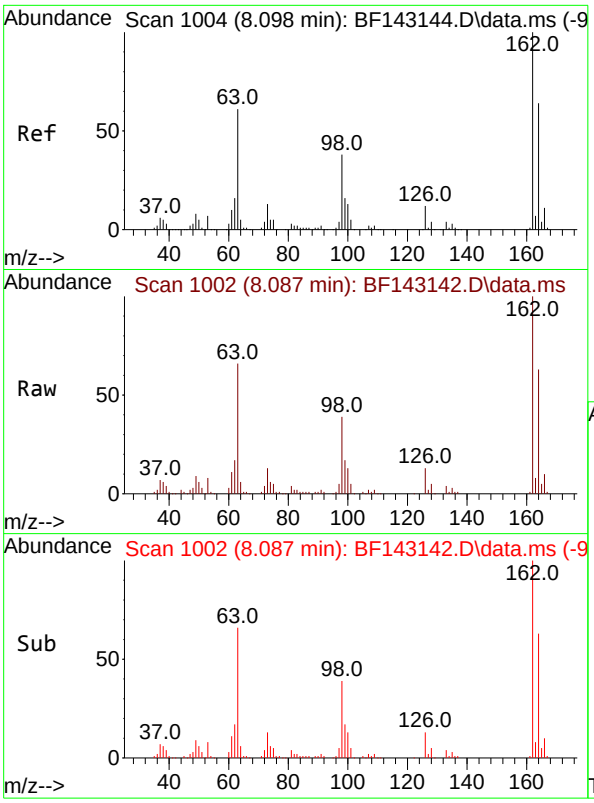


#28
bis(2-Chloroethoxy)methane
Concen: 10.297 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 93 Resp: 119320

Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.8	38.6
123	10.7	9.7	14.5



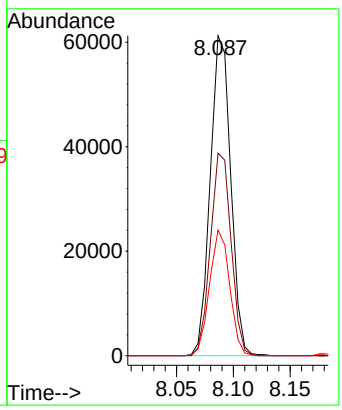


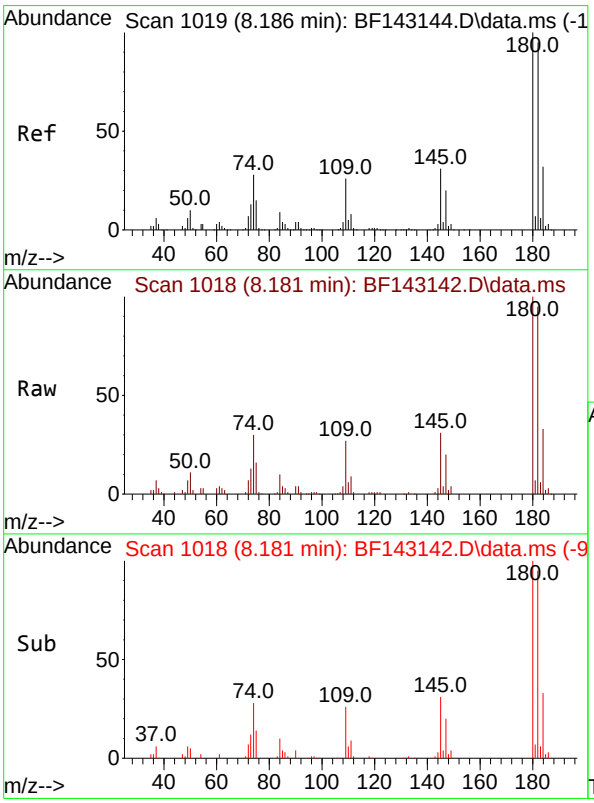
#29
2,4-Dichlorophenol
Concen: 10.091 ng
RT: 8.087 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 76847

Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.2	84.2
98	39.2	17.9	57.9

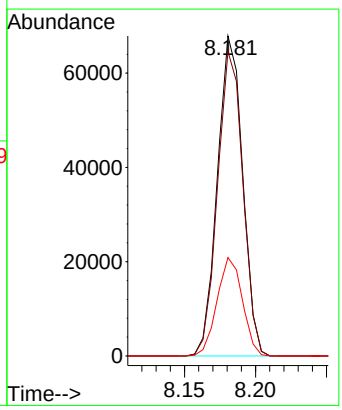


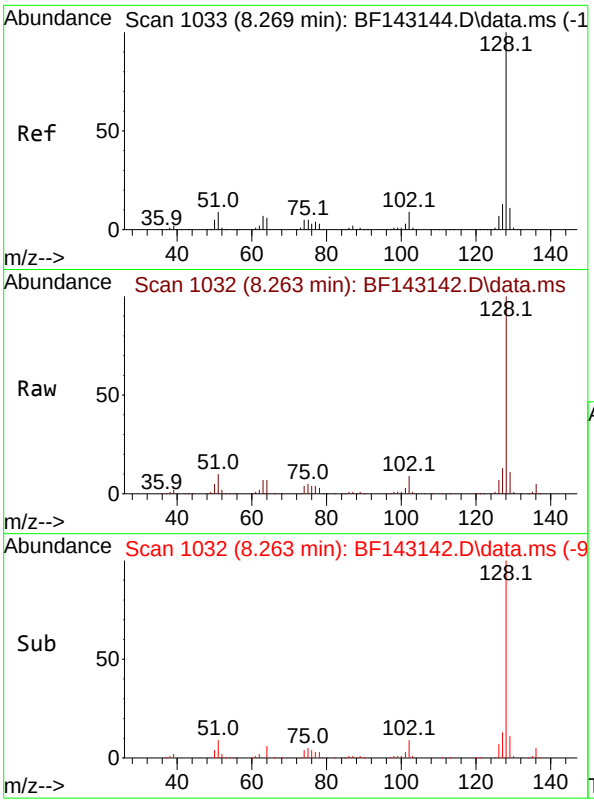


#30
1,2,4-Trichlorobenzene
Concen: 10.191 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:180 Resp: 83842

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.2	114.2
145	30.7	25.0	37.6



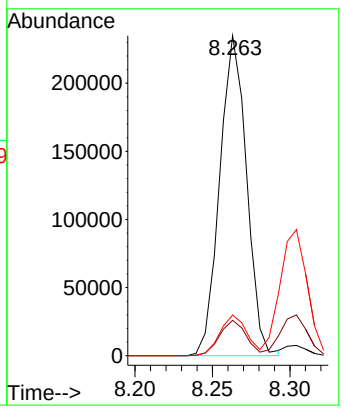


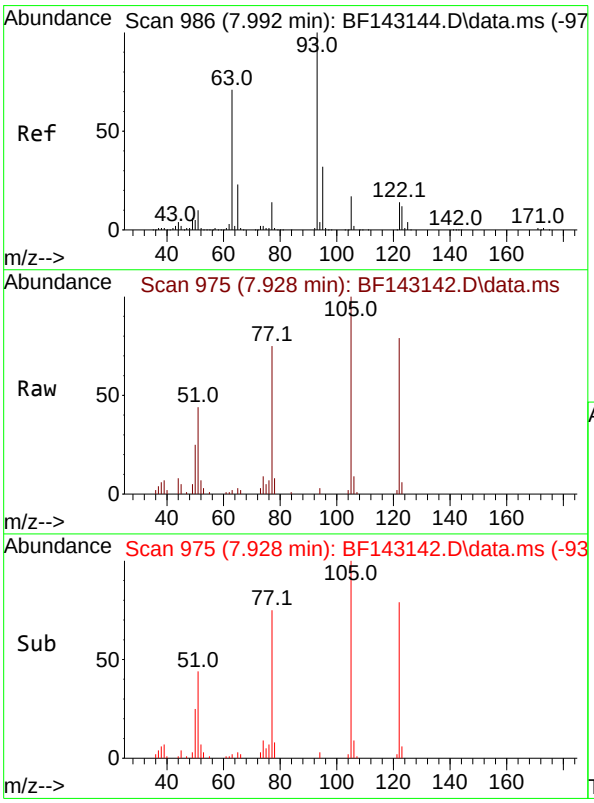
#31
Naphthalene
Concen: 10.534 ng
RT: 8.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 283107

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	12.7	10.6	16.0

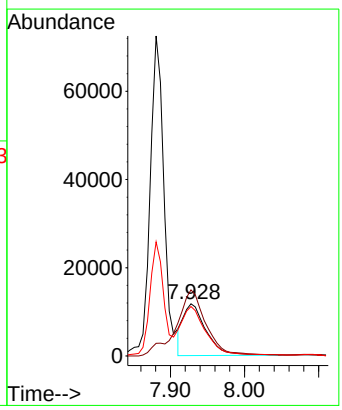


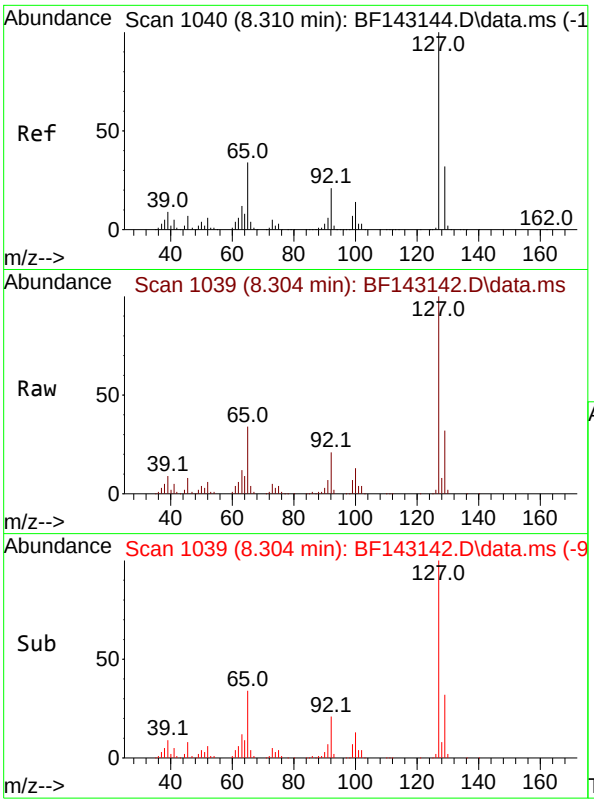


#32
Benzoic acid
Concen: 9.564 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.064 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:122 Resp: 25309

Ion	Ratio	Lower	Upper
122	100		
105	126.6	104.8	144.8
77	94.6	77.6	117.6



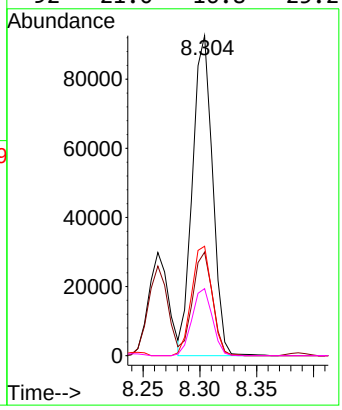


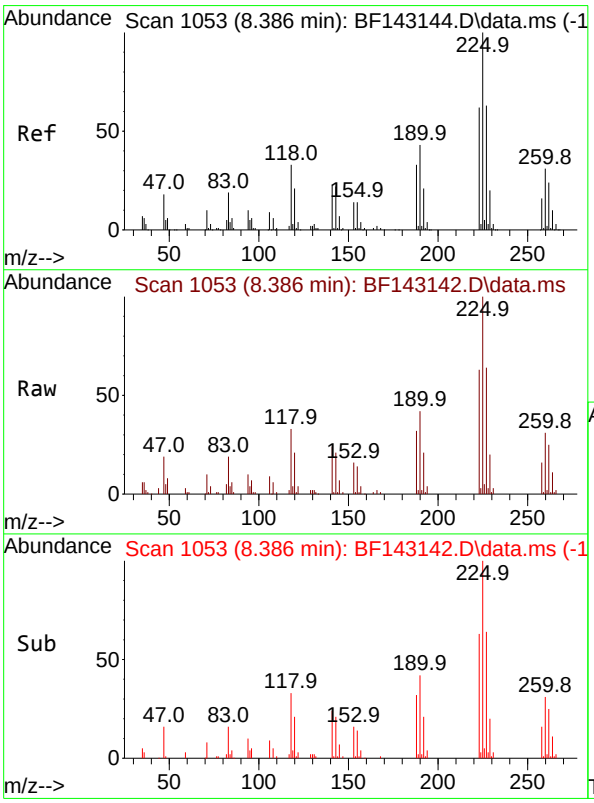
#33
4-Chloroaniline
Concen: 10.369 ng
RT: 8.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 113797

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	34.2	27.4	41.2
92	21.0	16.8	25.2

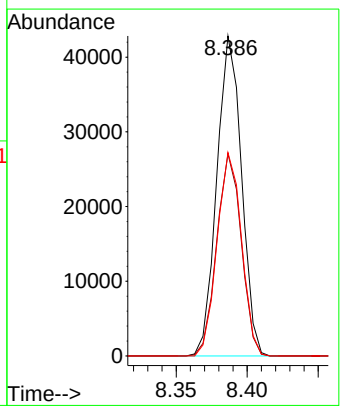


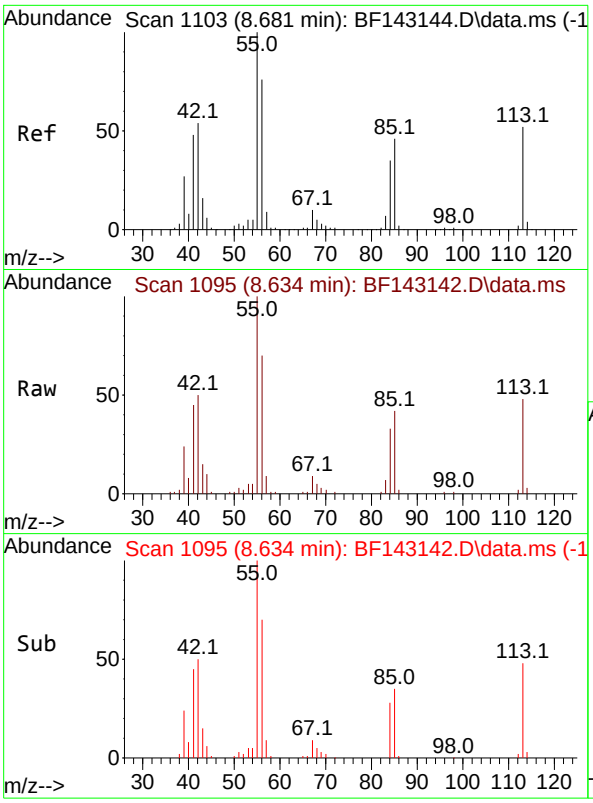


#34
Hexachlorobutadiene
Concen: 10.290 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:225 Resp: 51715

Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.8	74.6
227	63.5	50.2	75.4



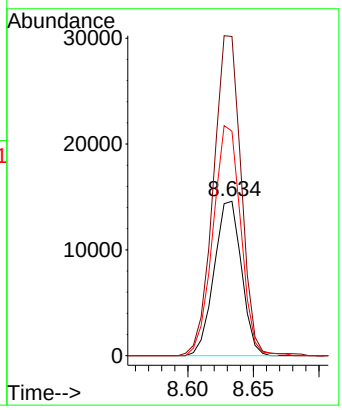


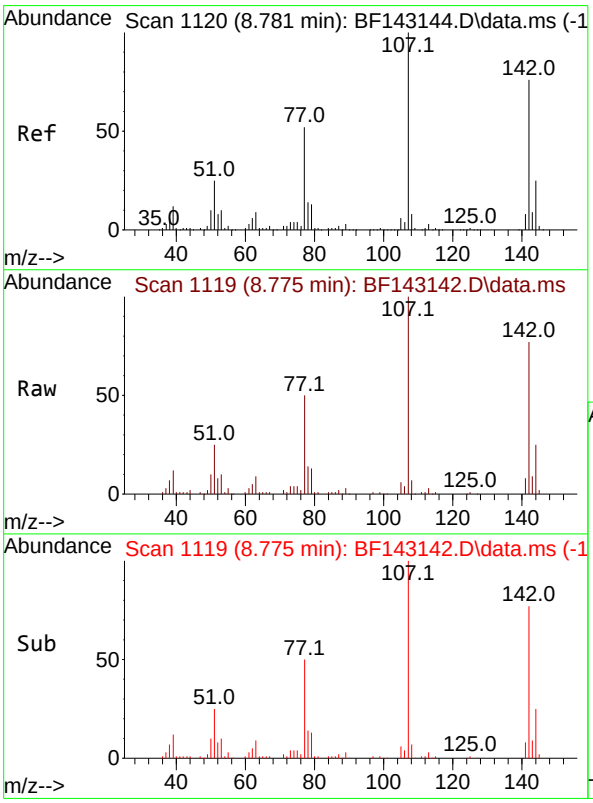
#35
Caprolactam
Concen: 9.194 ng
RT: 8.634 min Scan# 1
Delta R.T. -0.047 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 21157

Ion	Ratio	Lower	Upper
113	100		
55	206.8	174.0	214.0
56	145.4	126.6	166.6

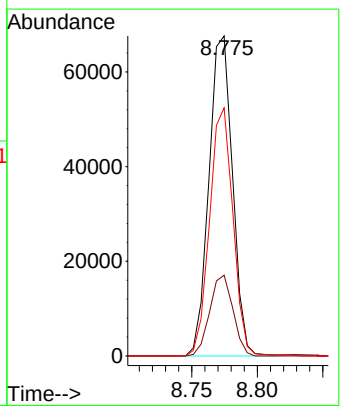


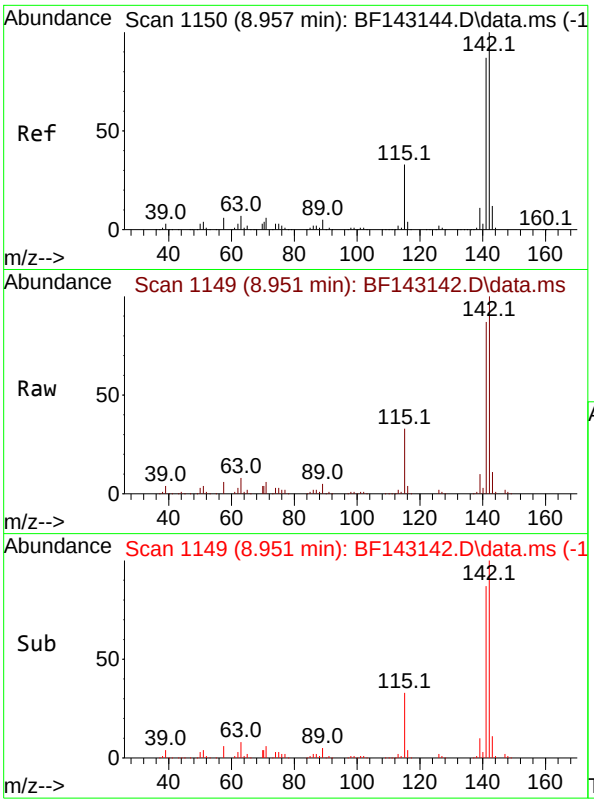


#36
4-Chloro-3-methylphenol
Concen: 10.227 ng
RT: 8.775 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:107 Resp: 84647

Ion	Ratio	Lower	Upper
107	100		
144	25.3	19.8	29.6
142	77.5	60.6	90.8



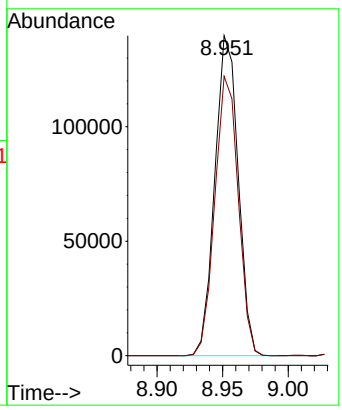


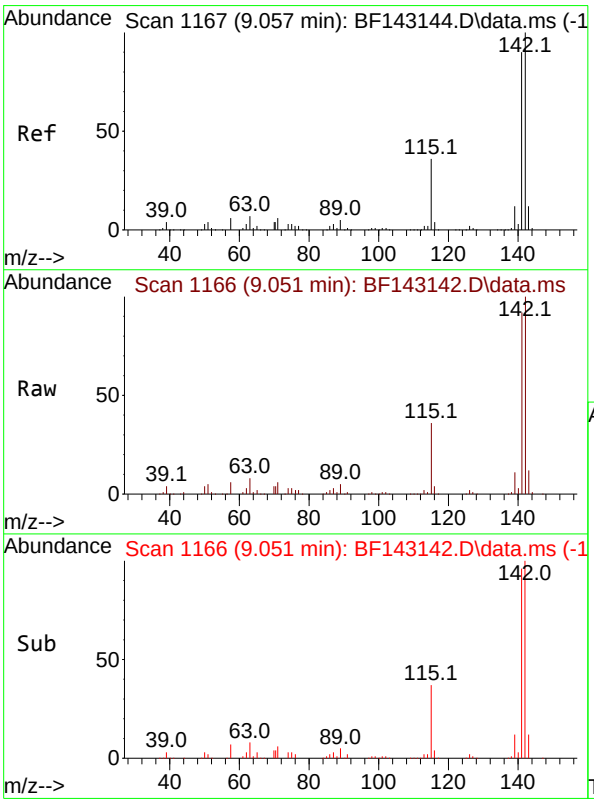
#37
2-Methylnaphthalene
Concen: 10.570 ng
RT: 8.951 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 172865

Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.9	104.9

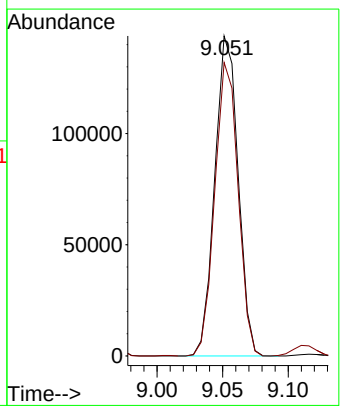


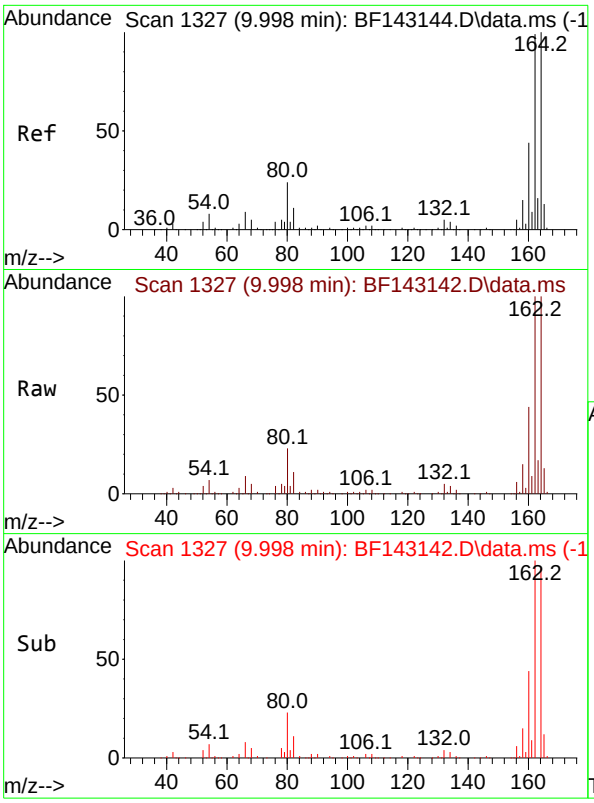


#38
1-Methylnaphthalene
Concen: 10.564 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:142 Resp: 177917

Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.3	108.5



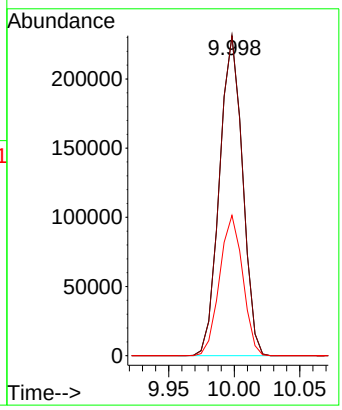


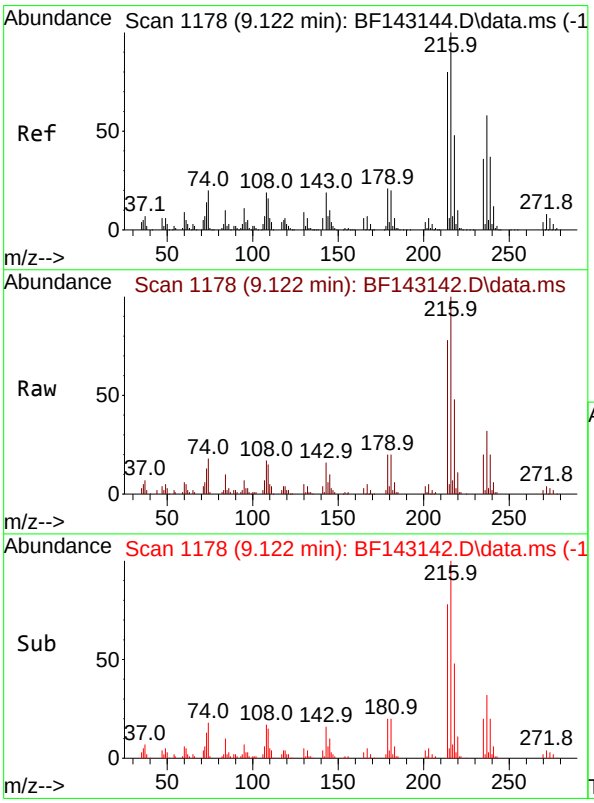
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 282580

Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.0	118.6
160	43.9	35.1	52.7

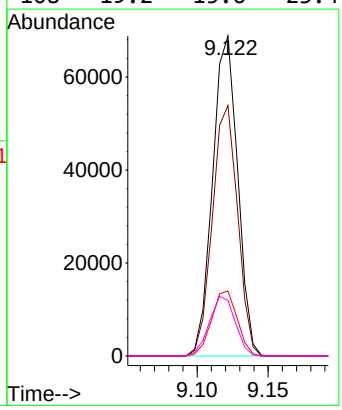


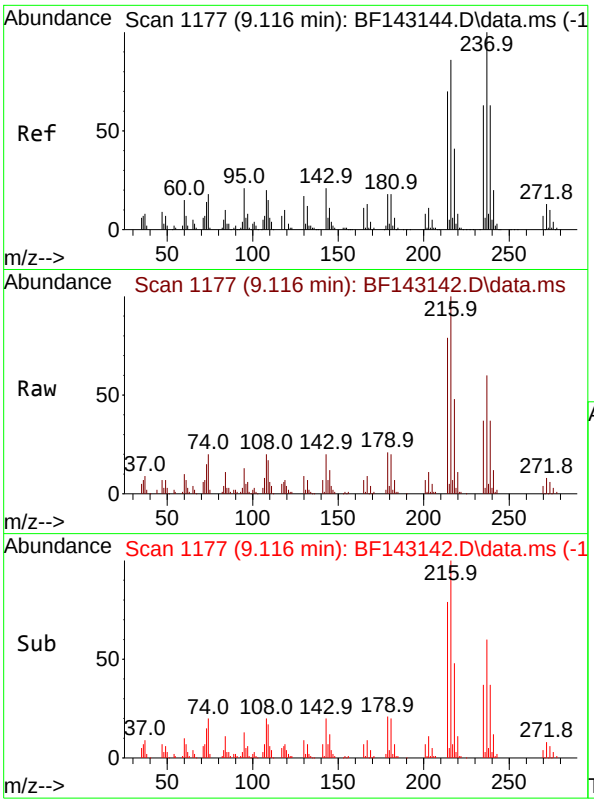


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.357 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:216 Resp: 84494

Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.8	95.8
179	20.8	16.4	24.6
108	19.2	15.6	23.4



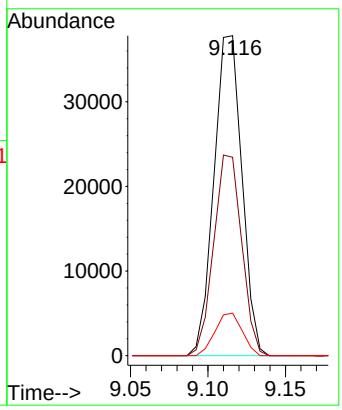


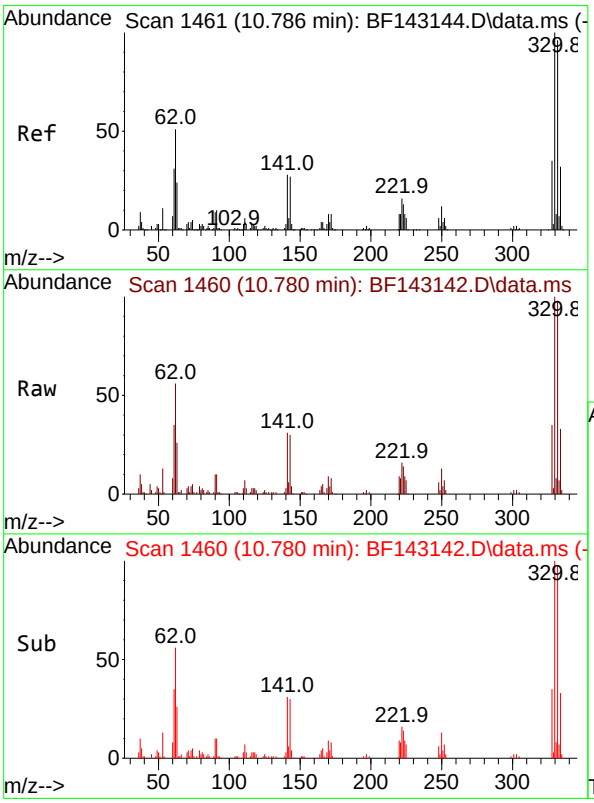
#41
Hexachlorocyclopentadiene
Concen: 8.963 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 47577

Ion	Ratio	Lower	Upper
237	100		
235	62.0	43.0	83.0
272	13.3	0.0	33.3

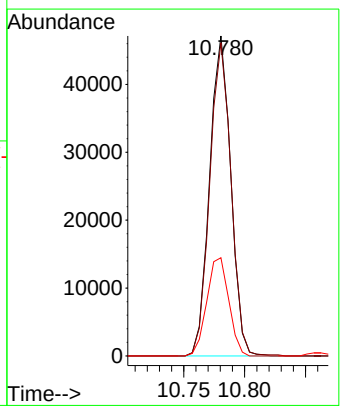


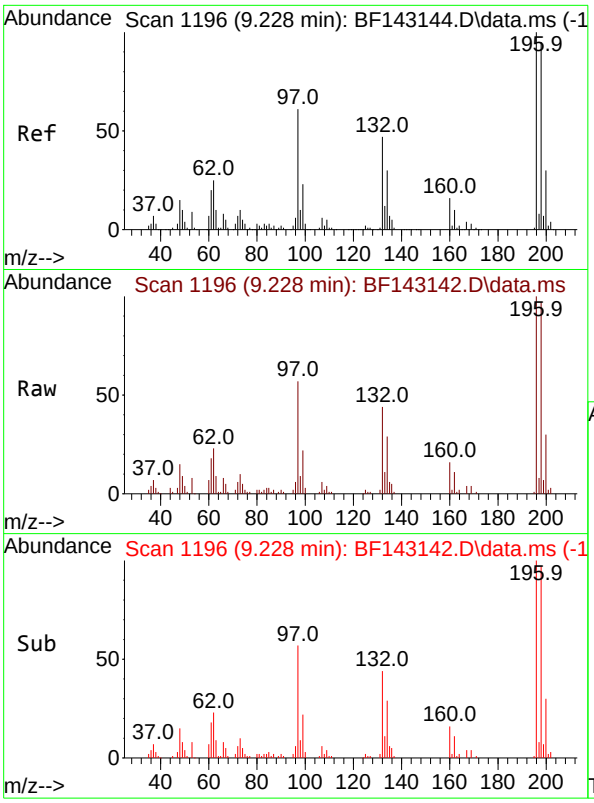


#42
2,4,6-Tribromophenol
Concen: 19.512 ng
RT: 10.780 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:330 Resp: 56961

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.7	115.1
141	32.0	23.3	34.9



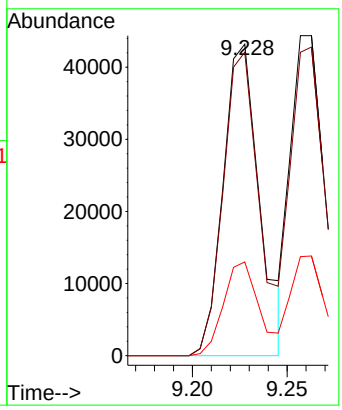


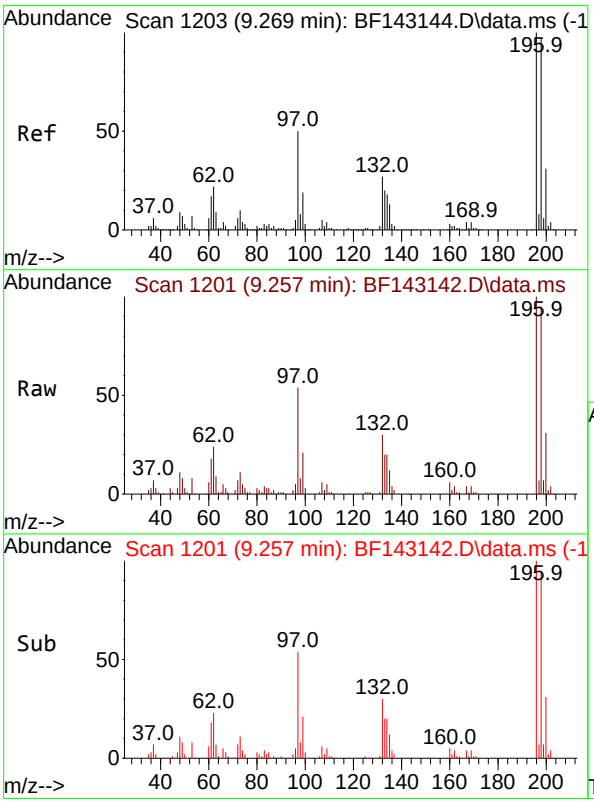
#43
2,4,6-Trichlorophenol
Concen: 10.165 ng
RT: 9.228 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 57396

Ion	Ratio	Lower	Upper
196	100		
198	97.4	76.2	114.2
200	30.1	23.9	35.9

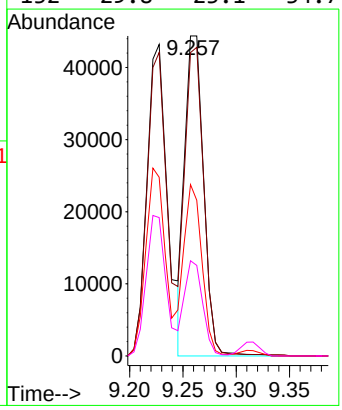


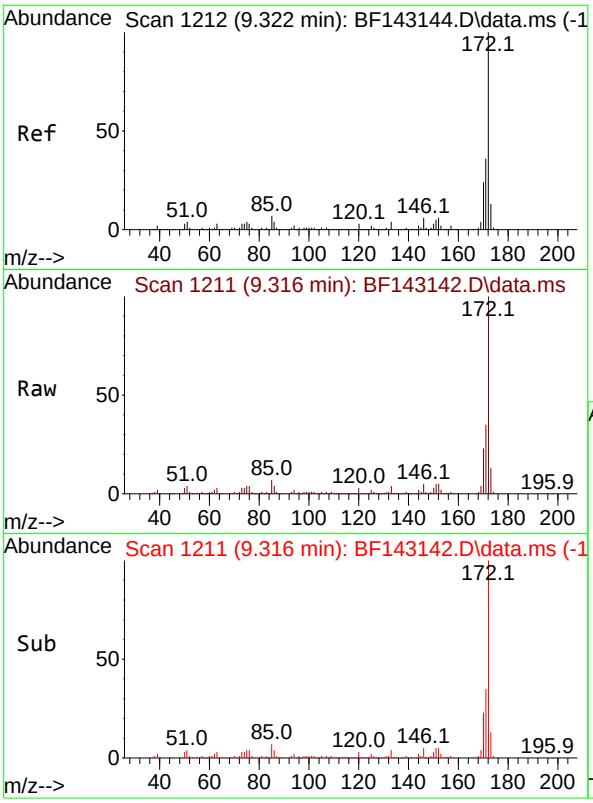


#44
2,4,5-Trichlorophenol
Concen: 9.688 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:196 Resp: 54716

Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.3	115.9
97	53.5	40.3	60.5
132	29.8	23.1	34.7



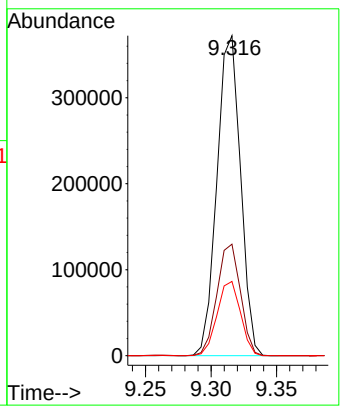


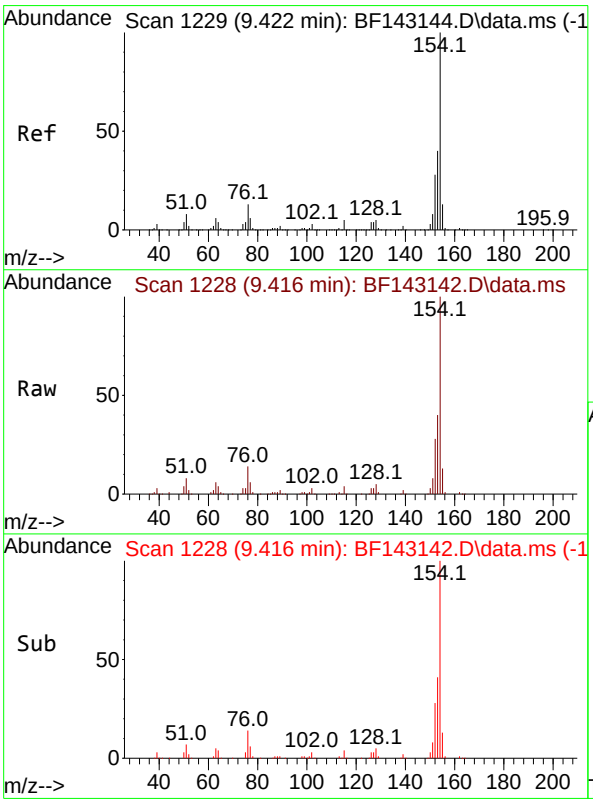
#45
2-Fluorobiphenyl
Concen: 22.489 ng
RT: 9.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 464669

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	42.8
170	23.2	18.8	28.2

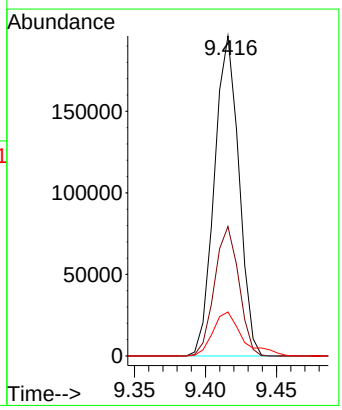


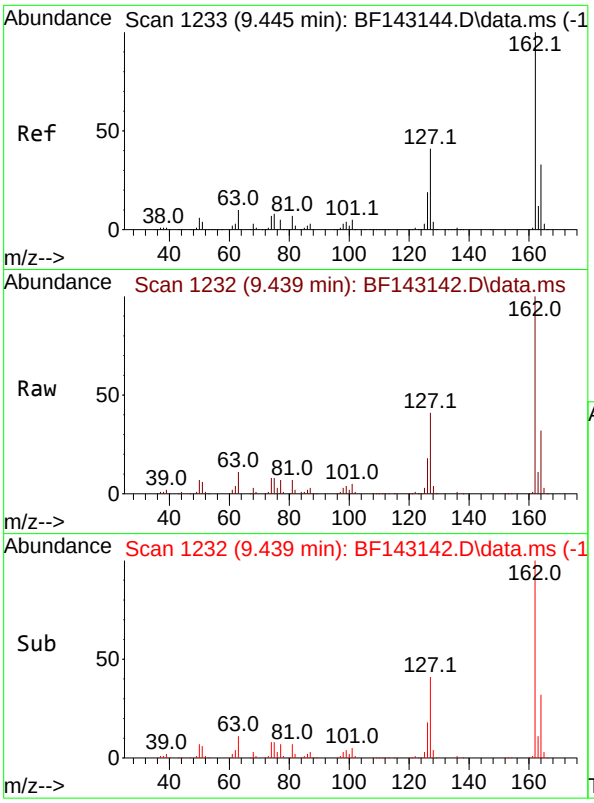


#46
1,1'-Biphenyl
Concen: 10.680 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:154 Resp: 235467

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	13.7	0.0	33.3



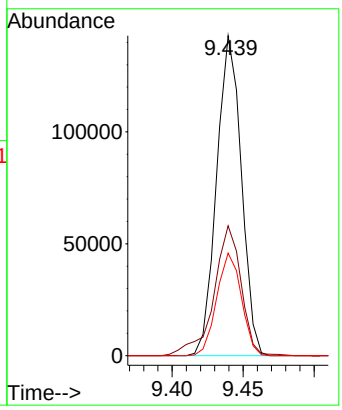


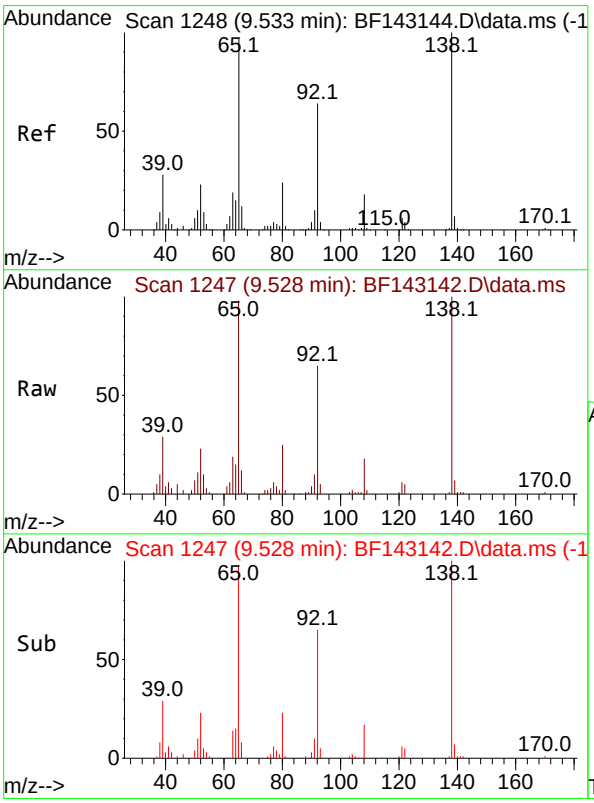
#47
2-Chloronaphthalene
Concen: 10.595 ng
RT: 9.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 172831

Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.4	50.2
164	32.0	26.2	39.2

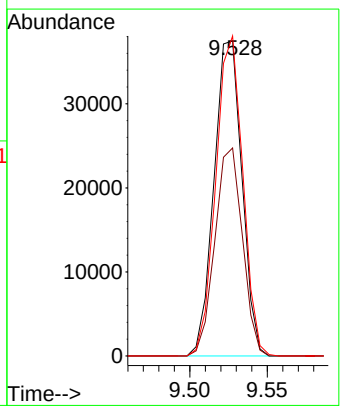


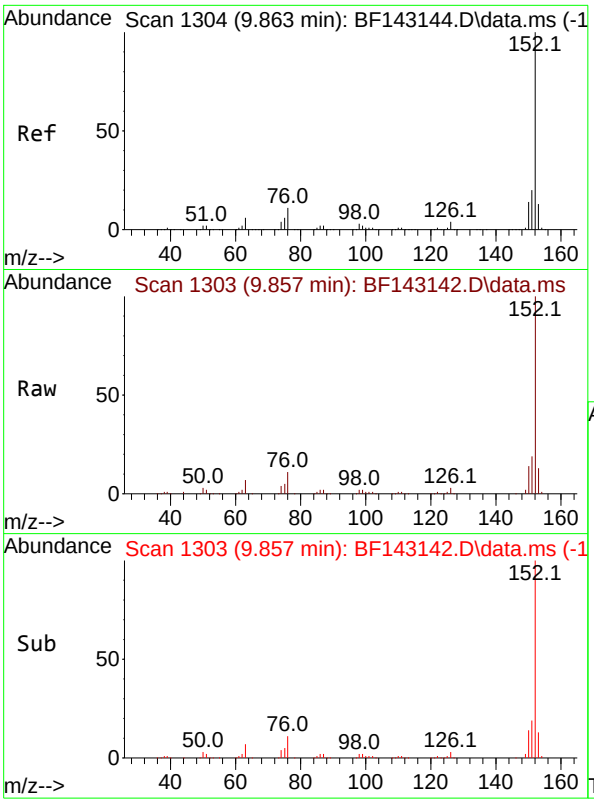


#48
2-Nitroaniline
Concen: 9.198 ng
RT: 9.528 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 65 Resp: 47055

Ion	Ratio	Lower	Upper
65	100		
92	66.0	52.4	78.6
138	101.6	82.3	123.5



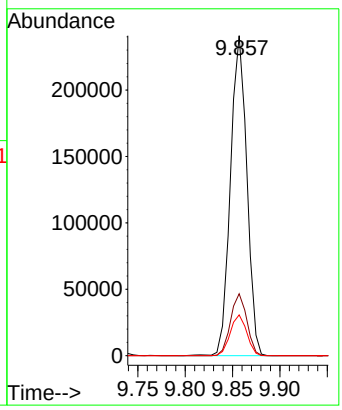


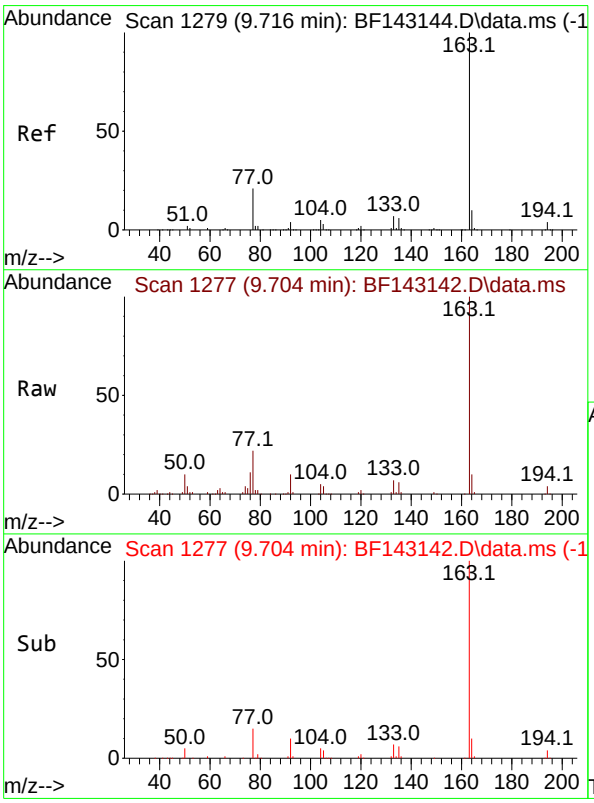
#49
Acenaphthylene
Concen: 10.607 ng
RT: 9.857 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 289989

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.2	24.2
153	12.8	10.6	16.0

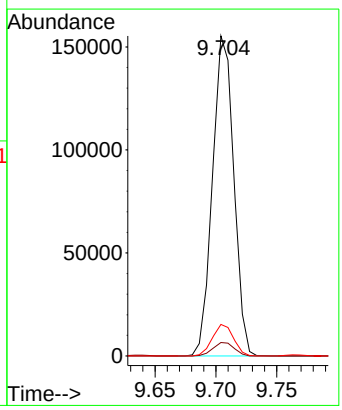


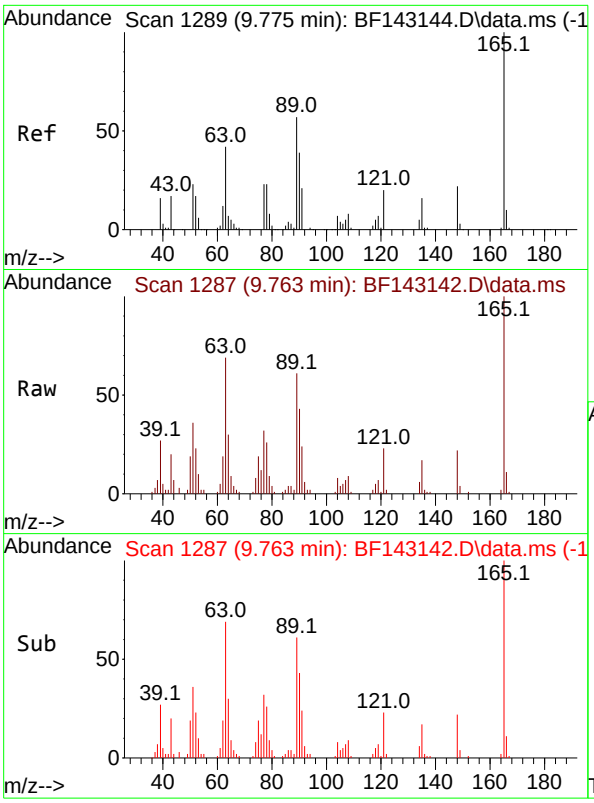


#50
Dimethylphthalate
Concen: 10.283 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:163 Resp: 189399

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.9	8.3	12.5



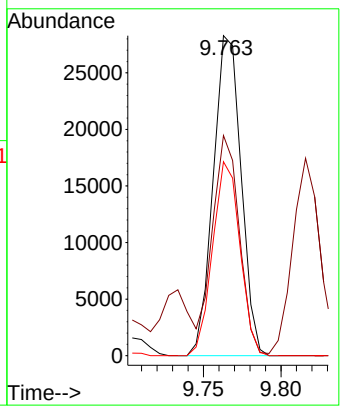


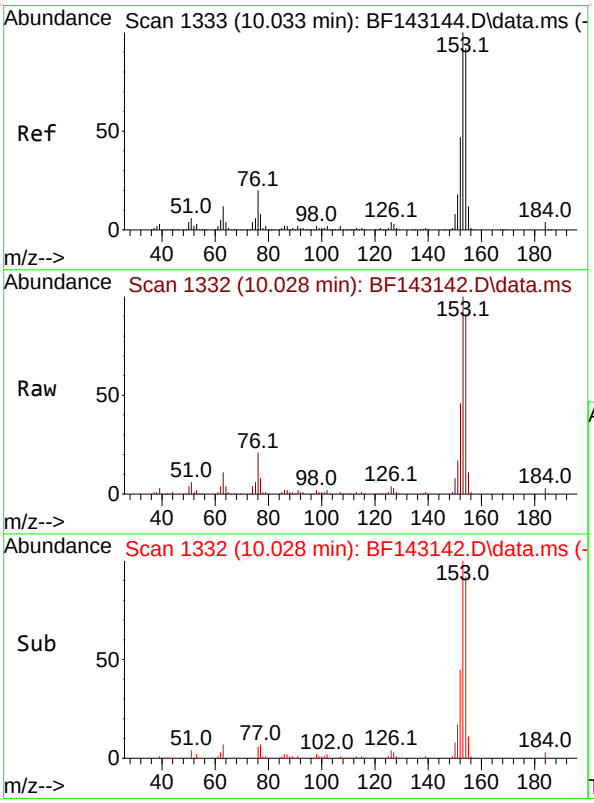
#51
2,6-Dinitrotoluene
Concen: 9.438 ng
RT: 9.763 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 35364

Ion	Ratio	Lower	Upper
165	100		
63	68.8	49.4	74.2
89	60.6	46.2	69.2

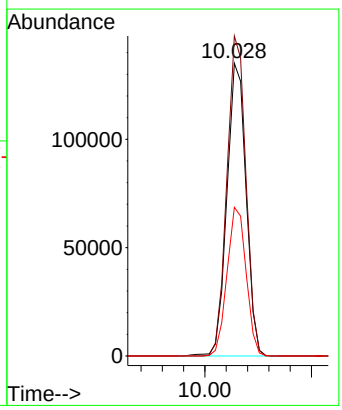


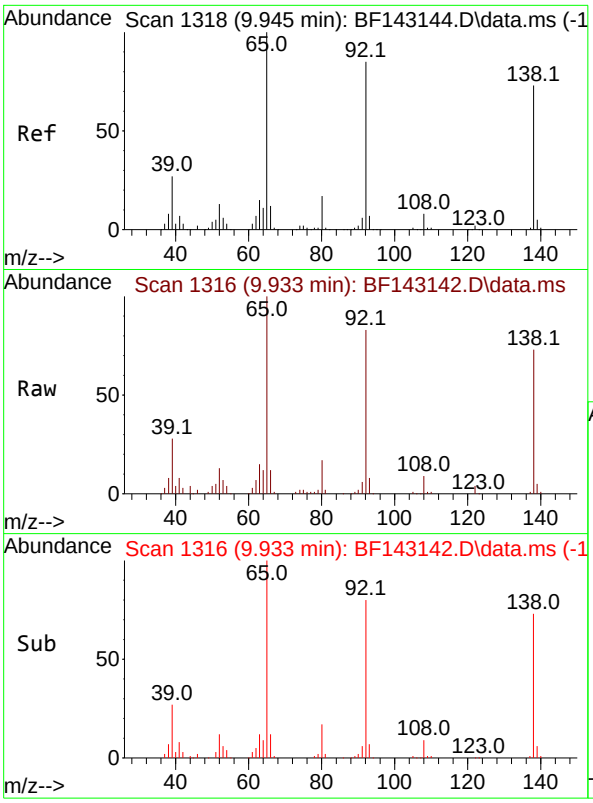


#52
Acenaphthene
Concen: 10.440 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:154 Resp: 168698

Ion	Ratio	Lower	Upper
154	100		
153	109.3	86.6	129.8
152	50.8	40.4	60.6



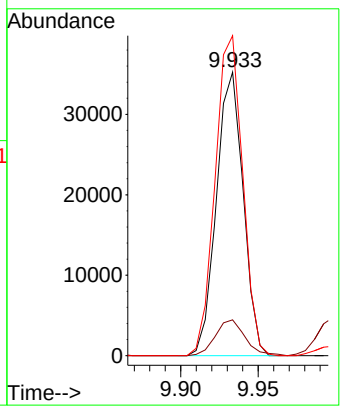


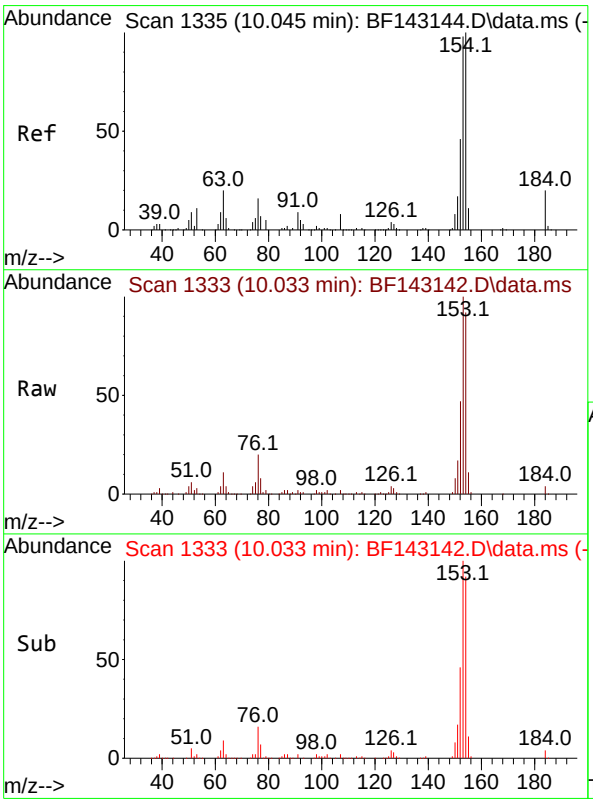
#53
3-Nitroaniline
Concen: 9.667 ng
RT: 9.933 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 42367

Ion	Ratio	Lower	Upper
138	100		
108	12.7	9.0	13.6
92	112.9	93.0	139.4

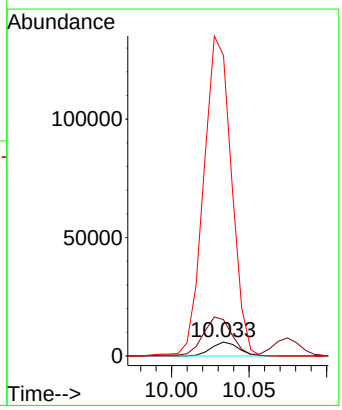


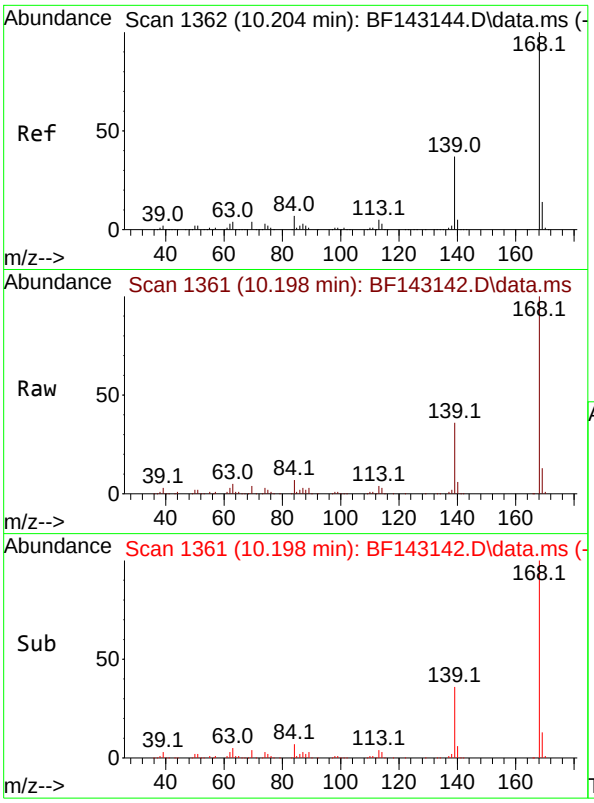


#54
2,4-Dinitrophenol
Concen: 10.522 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:184 Resp: 7147

Ion	Ratio	Lower	Upper
184	100		
63	261.5	81.8	122.6#
154	2164.9	412.2	618.4#



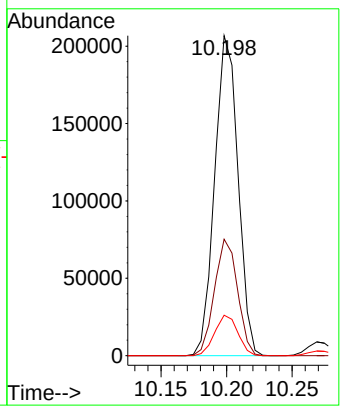


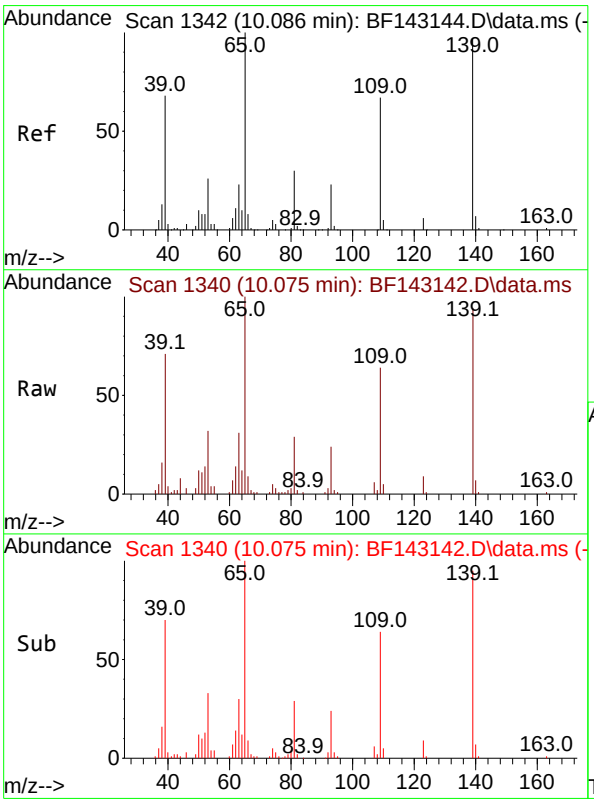
#55
Dibenzofuran
Concen: 10.641 ng
RT: 10.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:168 Resp: 255272

Ion	Ratio	Lower	Upper
168	100		
139	36.4	29.5	44.3
169	12.7	10.9	16.3

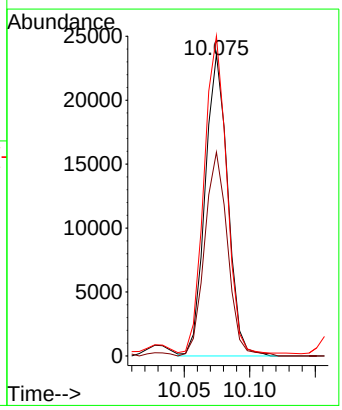


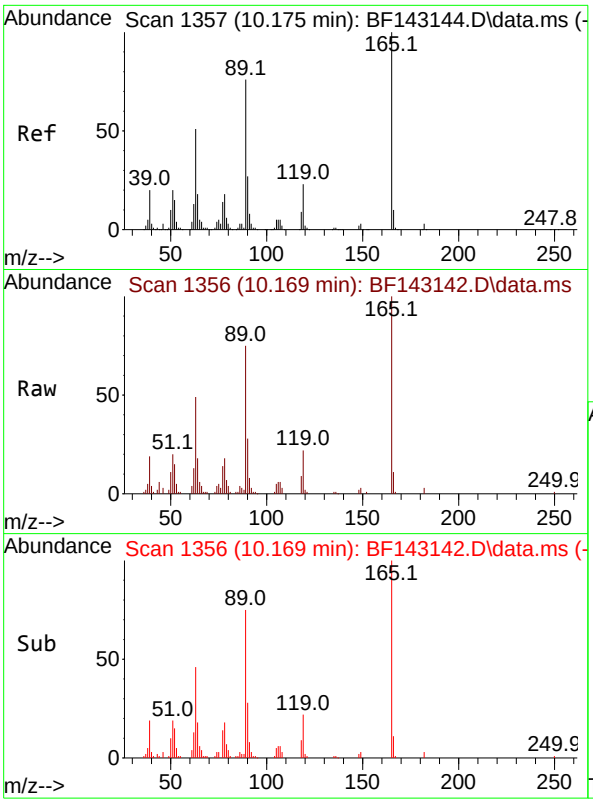


#56
4-Nitrophenol
Concen: 8.627 ng
RT: 10.075 min Scan# 1340
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:139 Resp: 28233

Ion	Ratio	Lower	Upper
139	100		
109	67.5	48.5	88.5
65	106.0	83.4	123.4



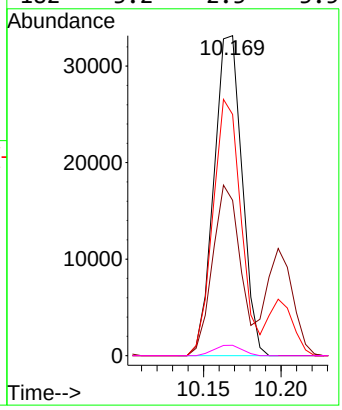


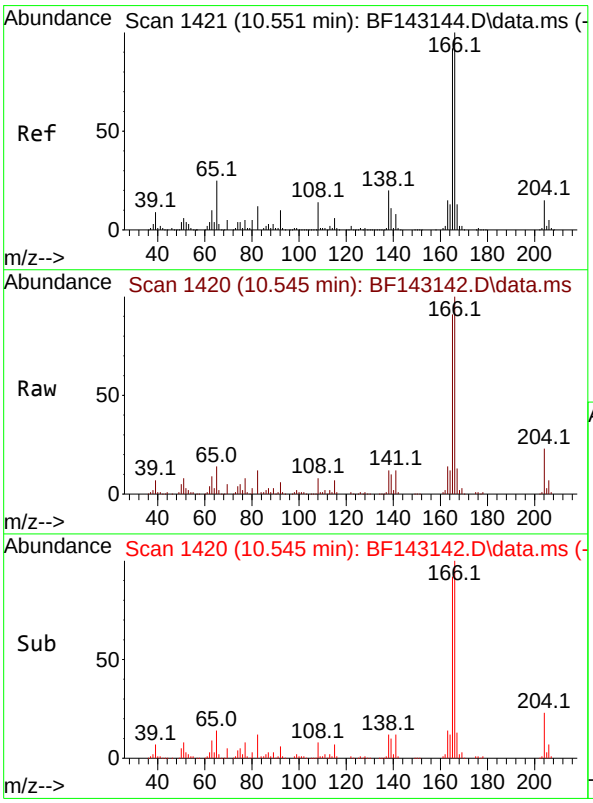
#57
2,4-Dinitrotoluene
Concen: 8.895 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 41815

Ion	Ratio	Lower	Upper
165	100		
63	48.5	41.0	61.4
89	75.4	61.1	91.7
182	3.2	2.3	3.5

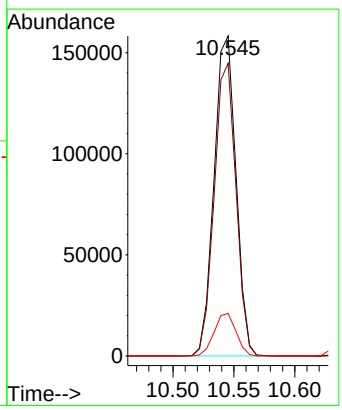


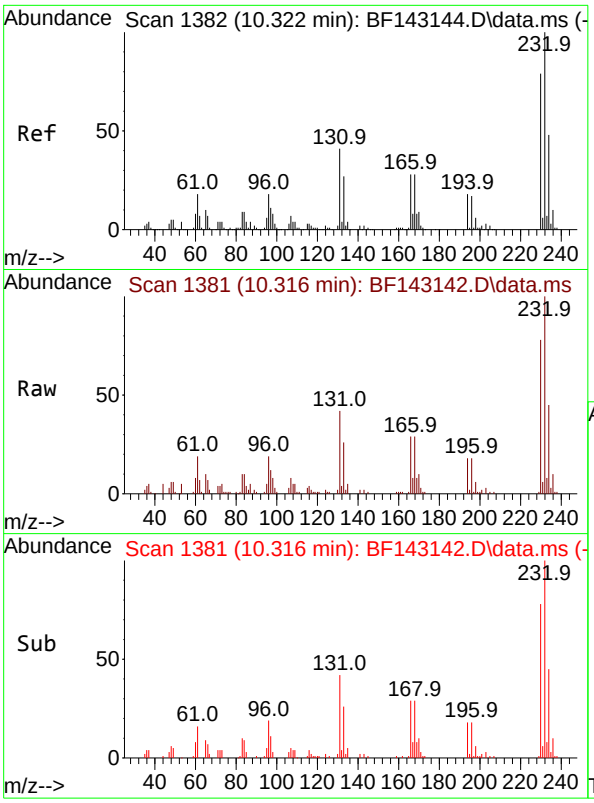


#58
Fluorene
Concen: 10.999 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:166 Resp: 198041

Ion	Ratio	Lower	Upper
166	100		
165	91.4	73.7	110.5
167	13.3	10.6	16.0



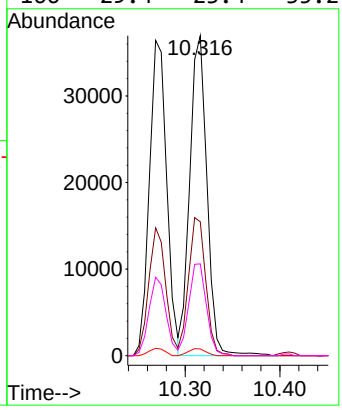


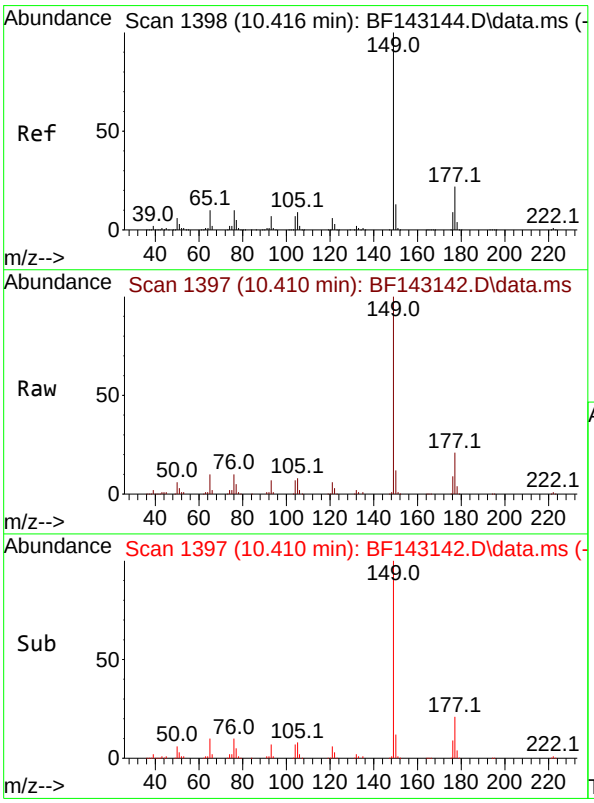
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.986 ng
RT: 10.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 46720

Ion	Ratio	Lower	Upper
232	100		
131	43.0	35.3	52.9
130	2.2	1.7	2.5
166	29.4	23.4	35.2

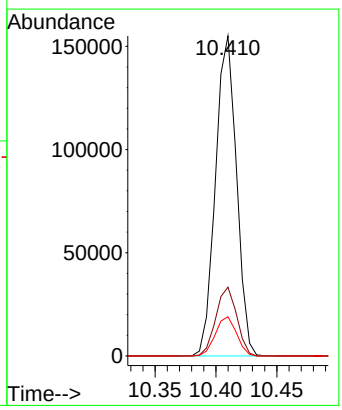


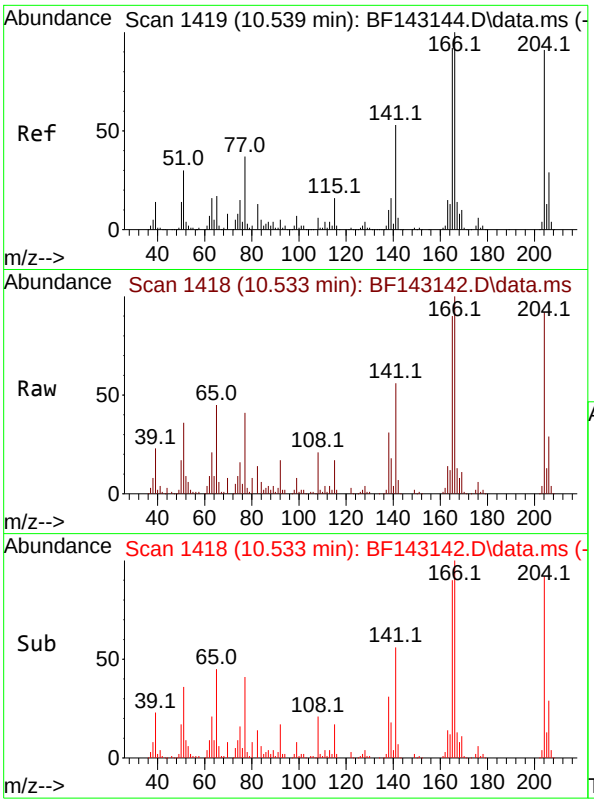


#60
Diethylphthalate
Concen: 10.261 ng
RT: 10.410 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:149 Resp: 186802

Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.5	26.3
150	12.3	10.2	15.2



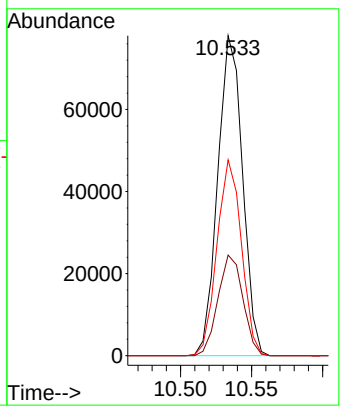


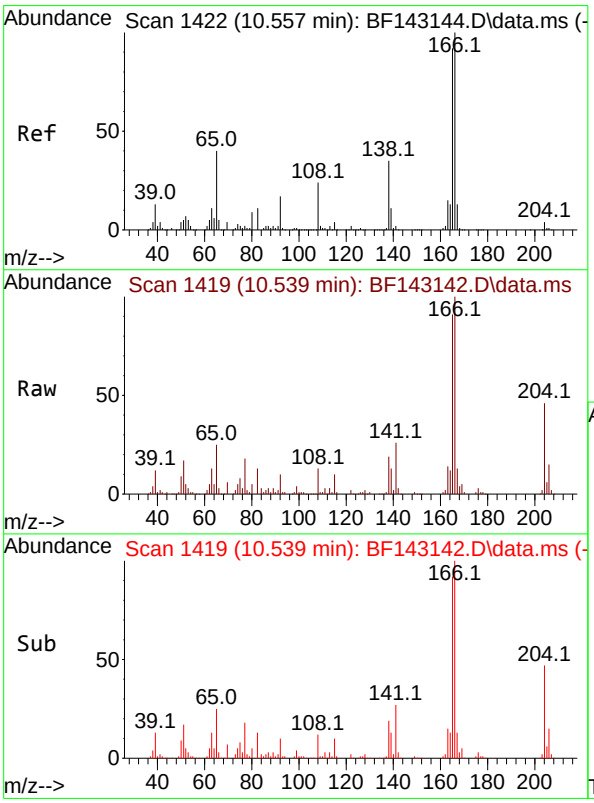
#61
4-Chlorophenyl-phenylether
Concen: 10.561 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 94685

Ion	Ratio	Lower	Upper
204	100		
206	31.4	25.8	38.8
141	61.2	47.0	70.4

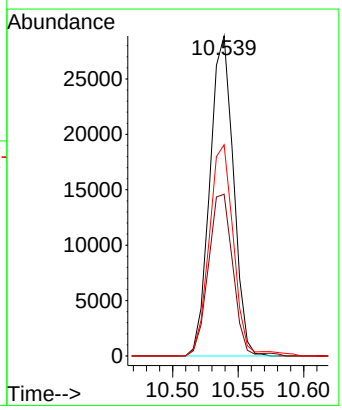


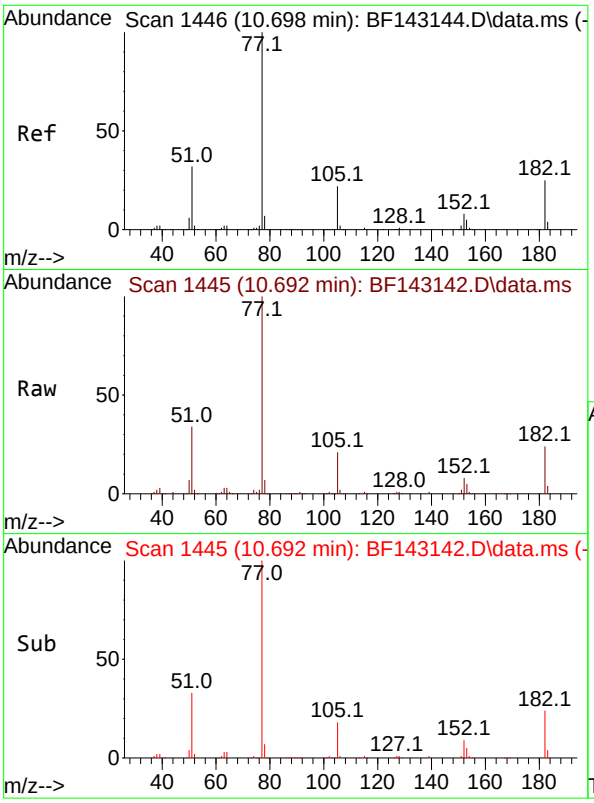


#62
4-Nitroaniline
Concen: 9.574 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:138 Resp: 35962

Ion	Ratio	Lower	Upper
138	100		
92	50.5	29.3	69.3
108	66.0	48.3	88.3



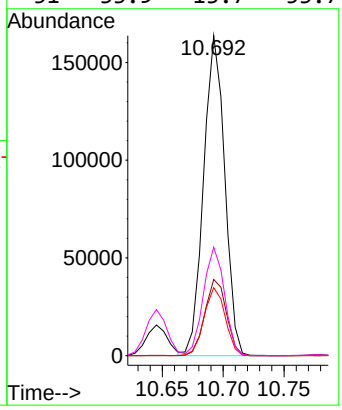


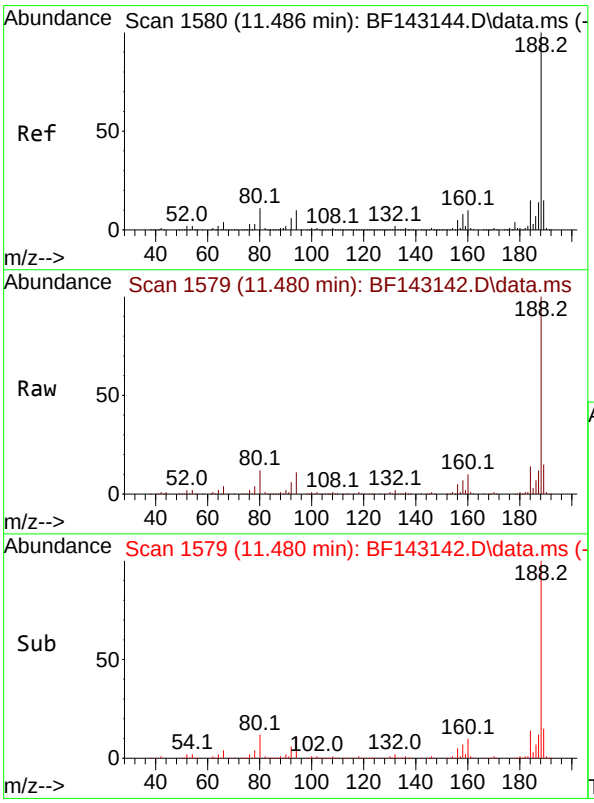
#63
Azobenzene
Concen: 10.435 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 197998

Ion	Ratio	Lower	Upper
77	100		
182	23.8	4.6	44.6
105	21.2	1.4	41.4
51	33.9	13.7	53.7

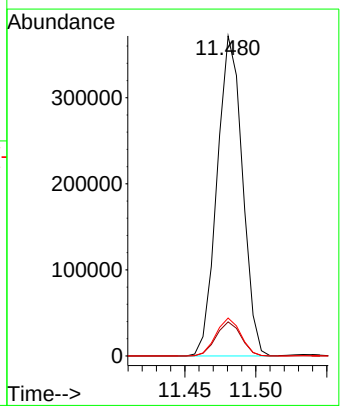


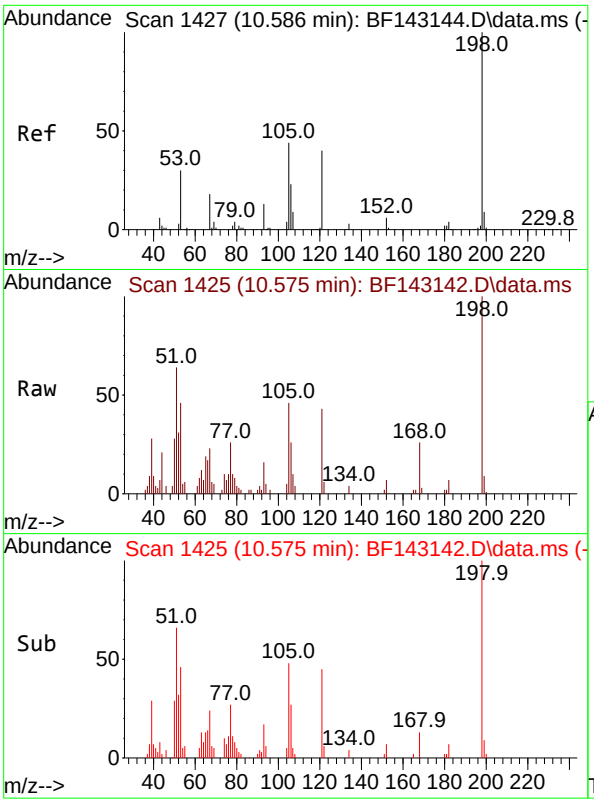


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:188 Resp: 461255

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.3	12.5
80	11.8	9.0	13.6



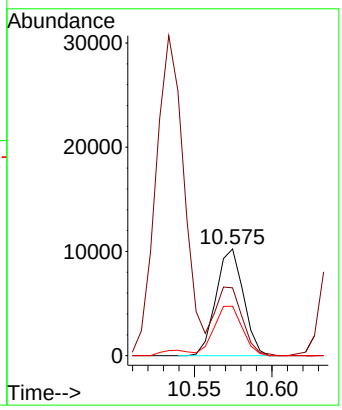


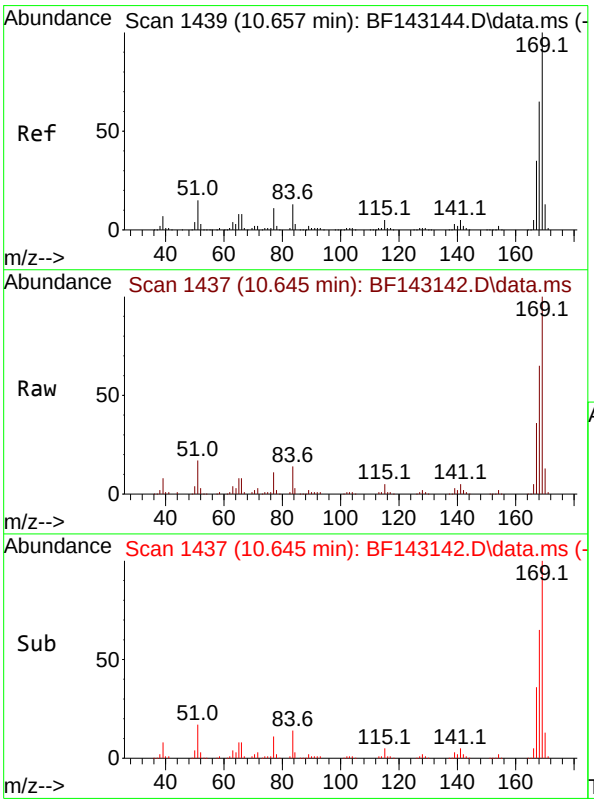
#65
4,6-Dinitro-2-methylphenol
Concen: 10.014 ng
RT: 10.575 min Scan# 14
Delta R.T. -0.011 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 12541

Ion	Ratio	Lower	Upper
198	100		
51	63.6	37.2	77.2
105	46.4	24.8	64.8

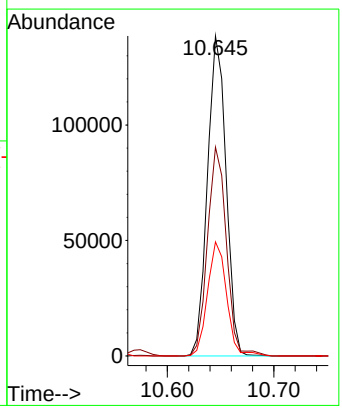


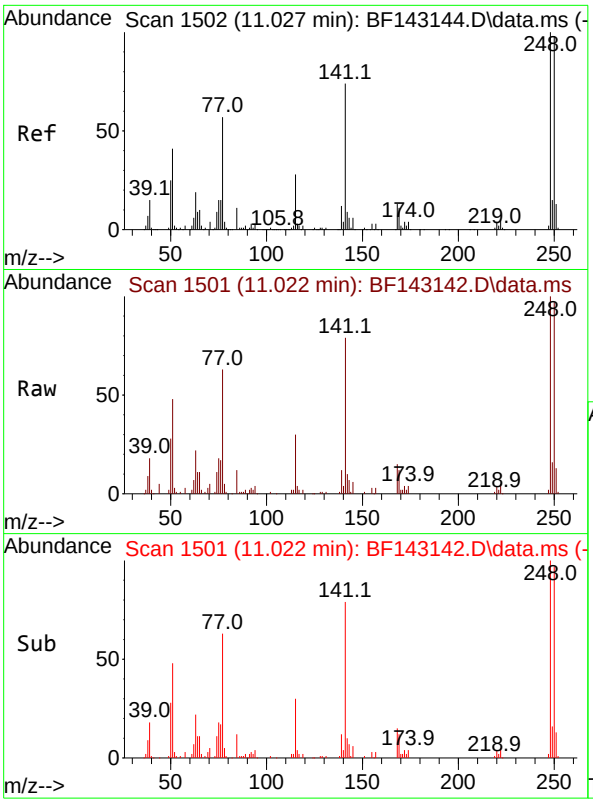


#66
n-Nitrosodiphenylamine
Concen: 10.337 ng
RT: 10.645 min Scan# 1437
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:169 Resp: 167901

Ion	Ratio	Lower	Upper
169	100		
168	65.2	52.1	78.1
167	35.6	28.2	42.2



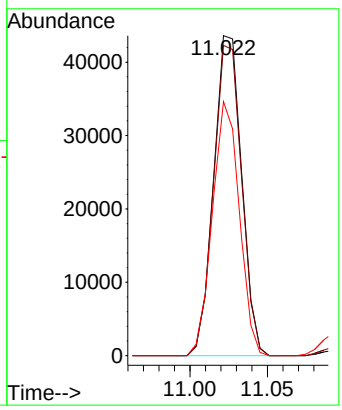


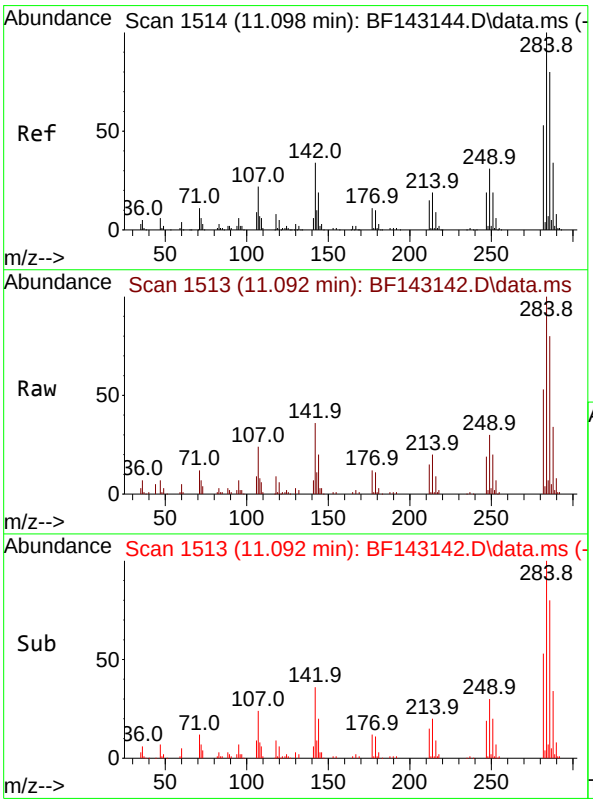
#67
4-Bromophenyl-phenylether
Concen: 9.978 ng
RT: 11.022 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 54849

Ion	Ratio	Lower	Upper
248	100		
250	97.0	78.3	117.5
141	79.4	59.2	88.8

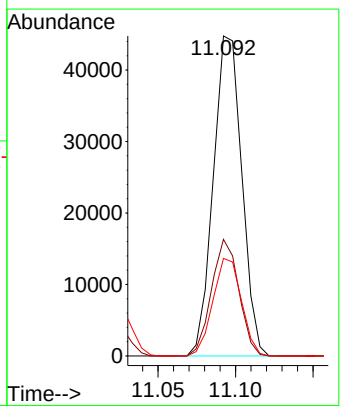


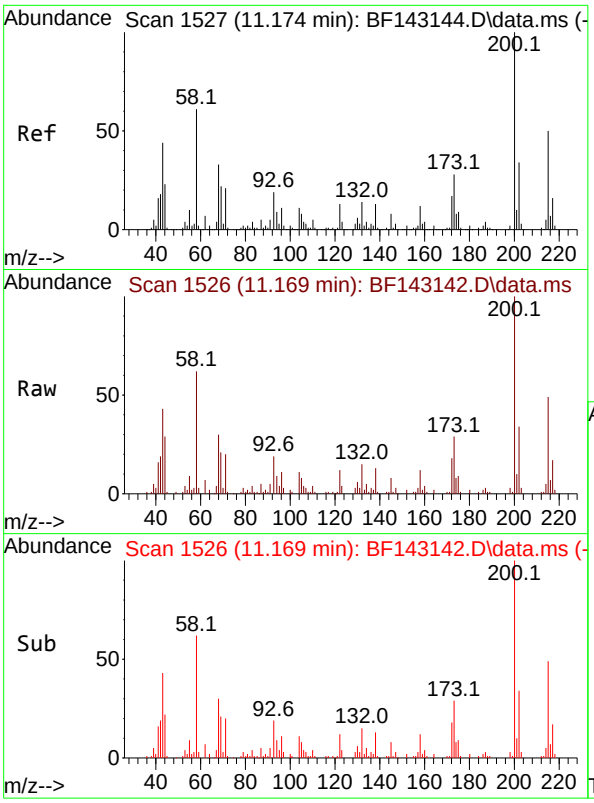


#68
Hexachlorobenzene
Concen: 9.974 ng
RT: 11.092 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:284 Resp: 57305

Ion	Ratio	Lower	Upper
284	100		
142	36.4	27.0	40.6
249	30.5	25.0	37.6



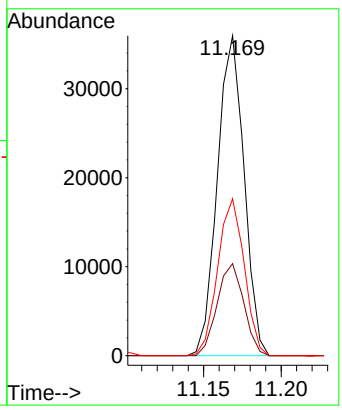


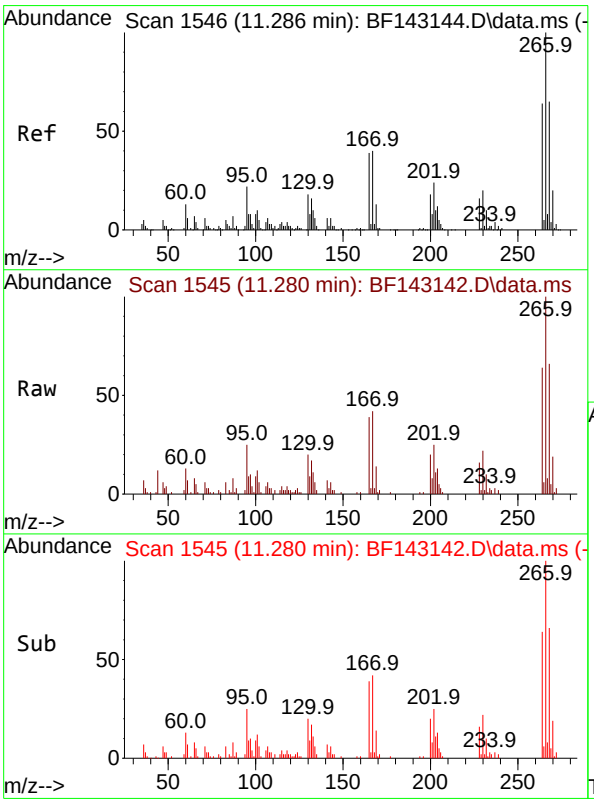
#69
Atrazine
Concen: 9.613 ng
RT: 11.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:200 Resp: 43045

Ion	Ratio	Lower	Upper
200	100		
173	28.7	7.9	47.9
215	49.1	30.1	70.1

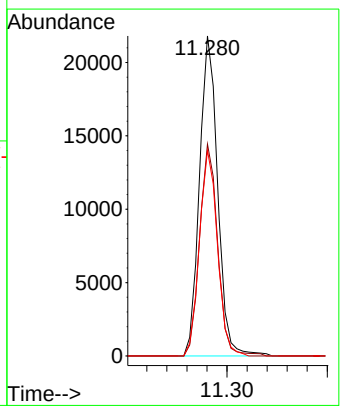


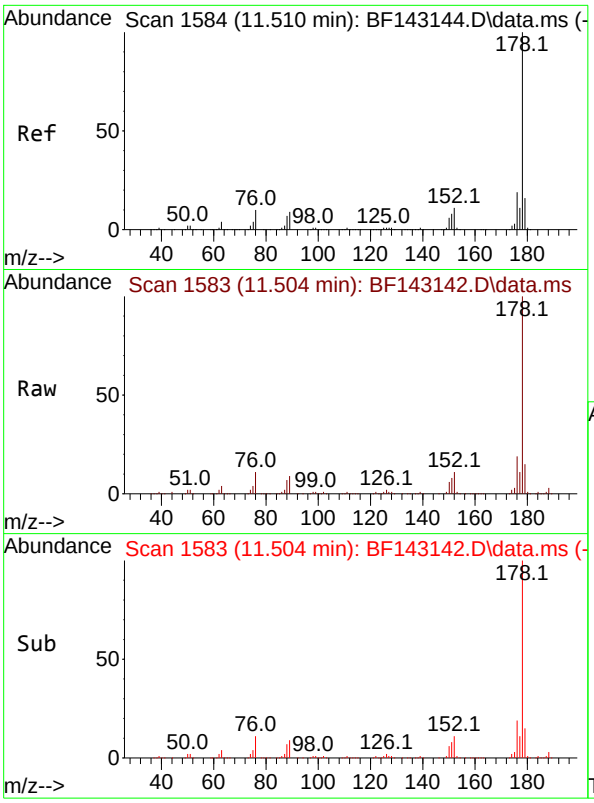


#70
Pentachlorophenol
Concen: 8.148 ng
RT: 11.280 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:266 Resp: 27529

Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.9	77.9
264	64.3	51.0	76.6



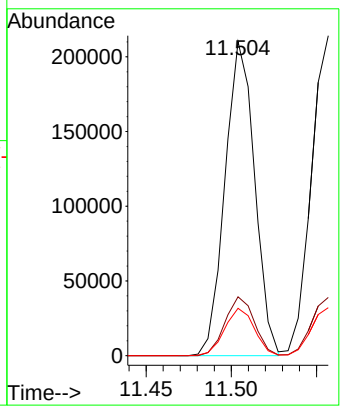


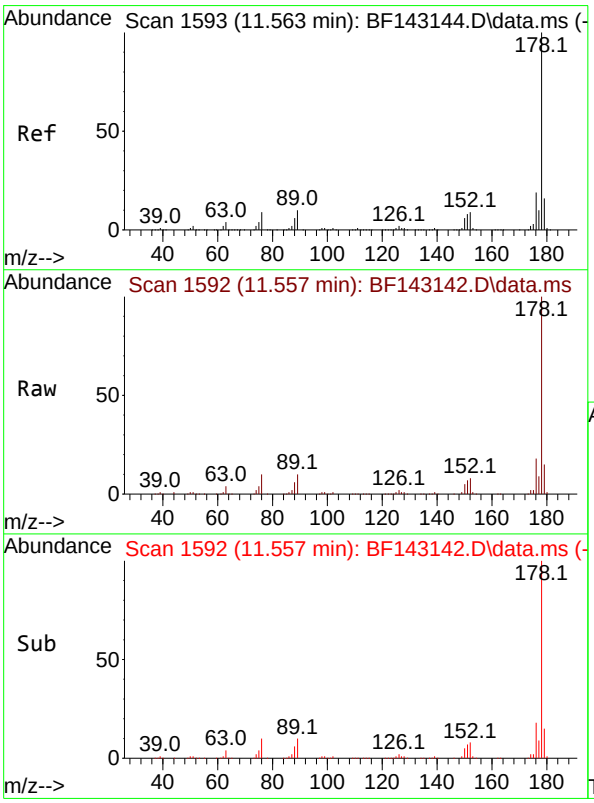
#71
Phenanthrene
Concen: 10.361 ng
RT: 11.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 253750

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.1	12.5	18.7

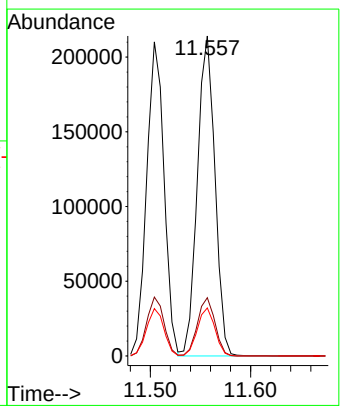


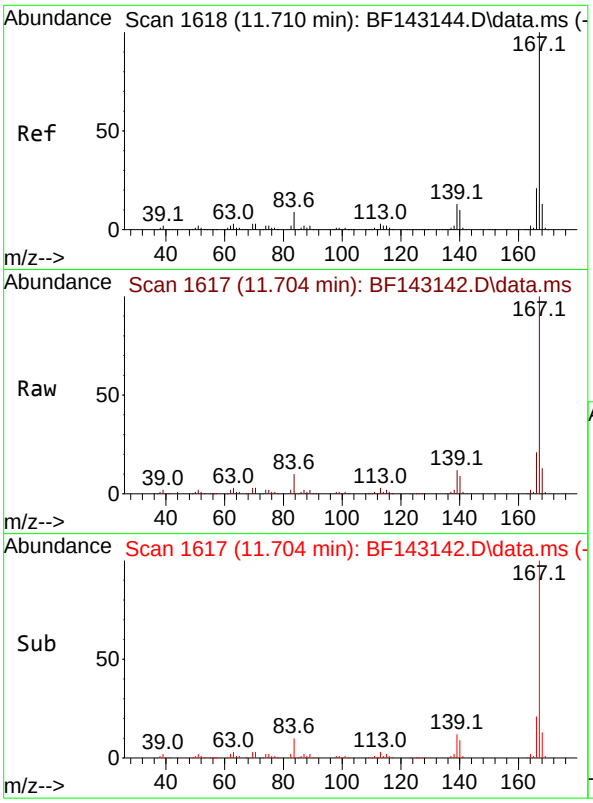


#72
Anthracene
Concen: 10.487 ng
RT: 11.557 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:178 Resp: 261960

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	15.0	12.5	18.7



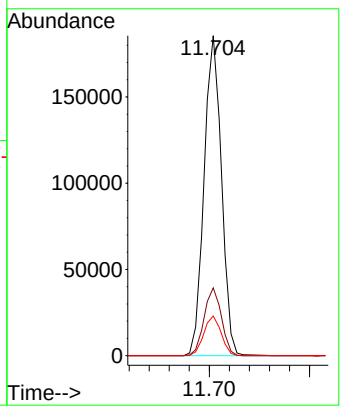


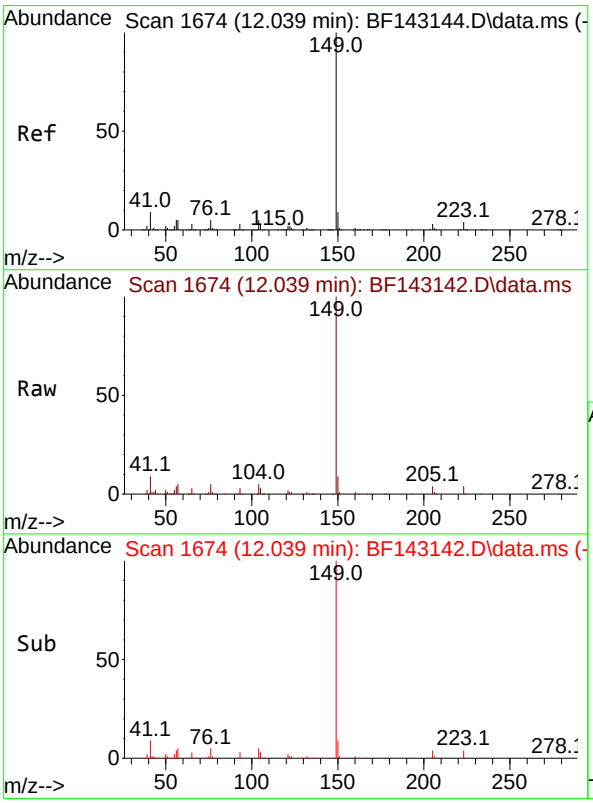
#73
Carbazole
Concen: 10.241 ng
RT: 11.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:167 Resp: 223376

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	12.4	10.0	15.0

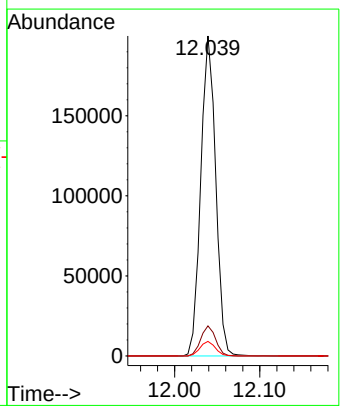


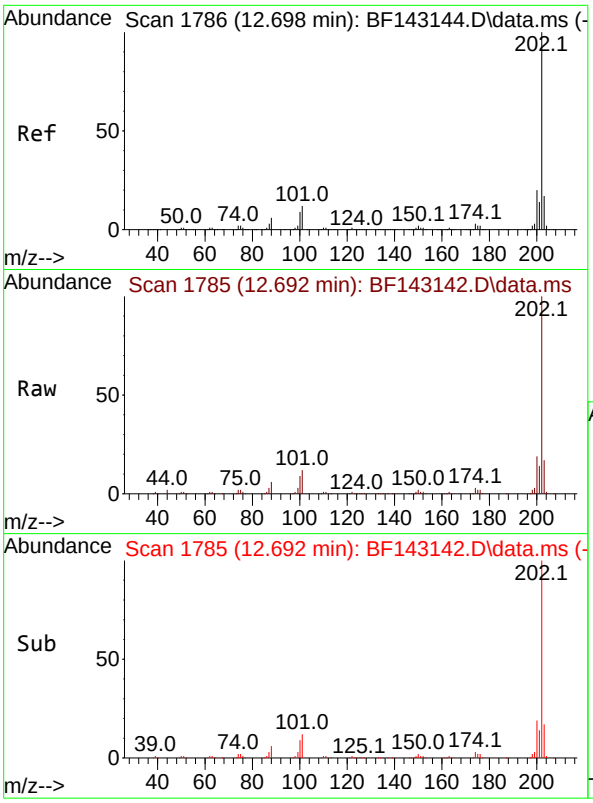


#74
Di-n-butylphthalate
Concen: 9.852 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:149 Resp: 243142

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	4.6	3.8	5.8



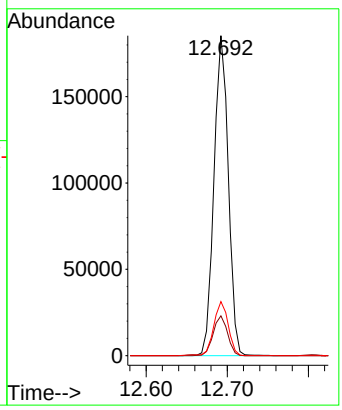


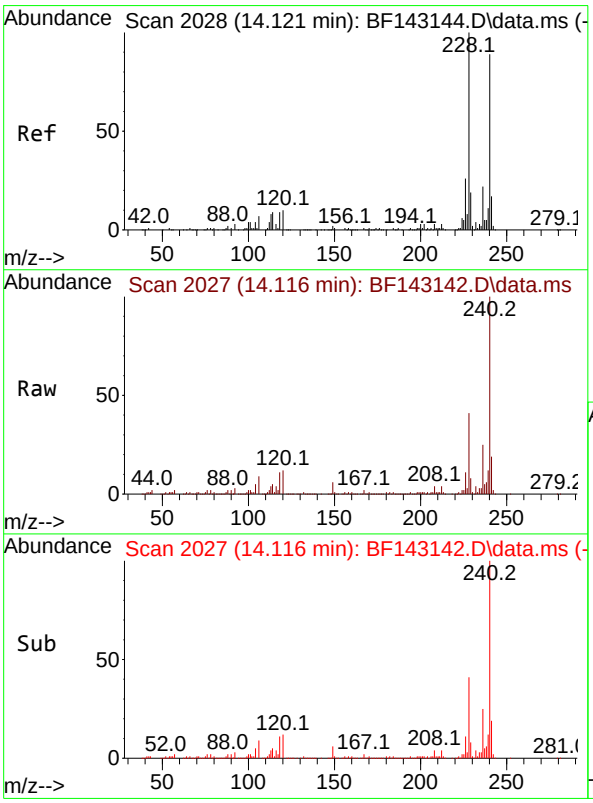
#75
Fluoranthene
Concen: 10.129 ng
RT: 12.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 227701

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.7
203	16.9	0.0	37.4

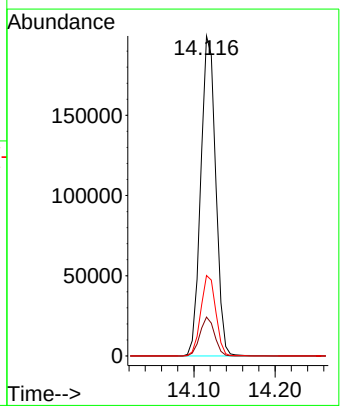


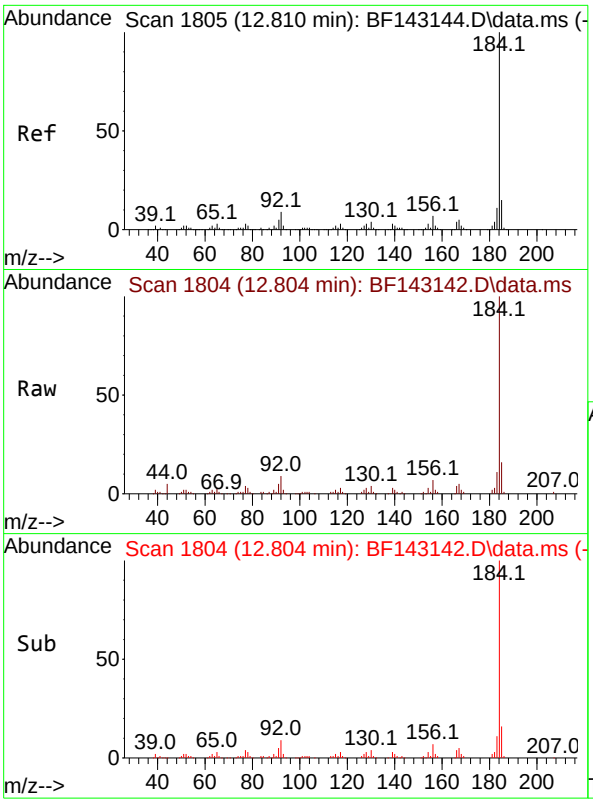


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:240 Resp: 254650

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.4	14.2
236	25.1	20.2	30.4



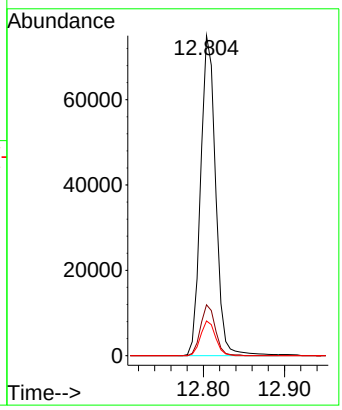


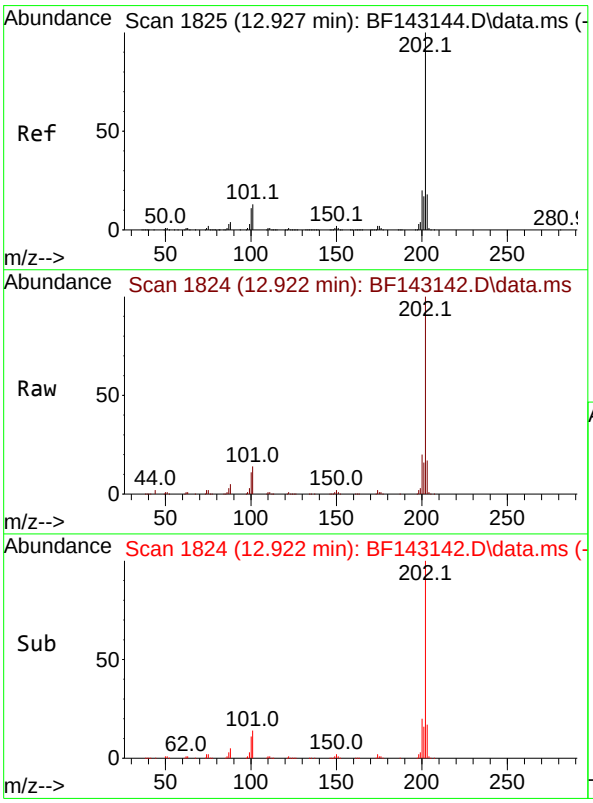
#77
Benzidine
Concen: 9.834 ng
RT: 12.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 96484

Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.2	18.4
183	10.9	9.0	13.4

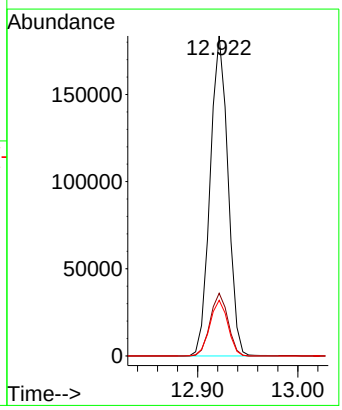


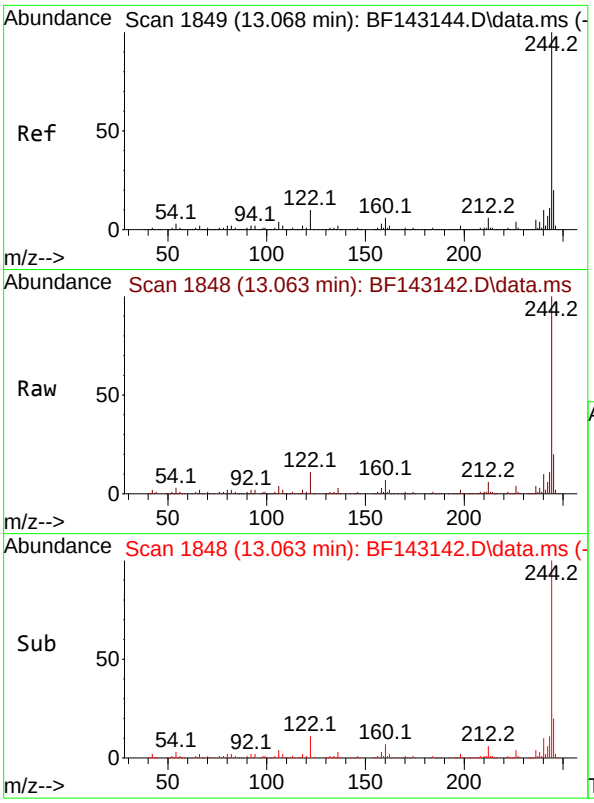


#78
Pyrene
Concen: 10.445 ng
RT: 12.922 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:202 Resp: 227008

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.7	23.5
203	17.4	14.2	21.2



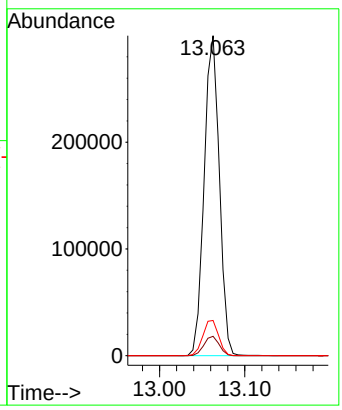


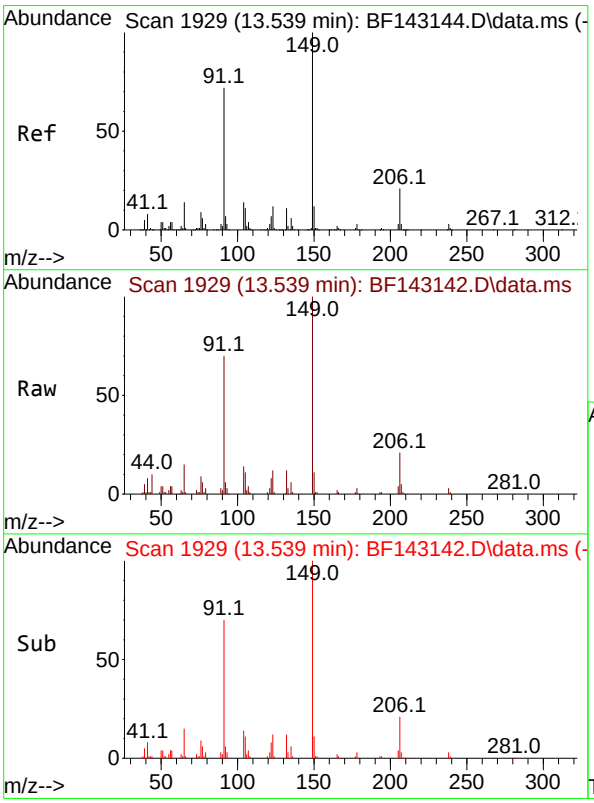
#79
Terphenyl-d14
Concen: 21.669 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 370808

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.2	7.8
122	11.0	8.2	12.2

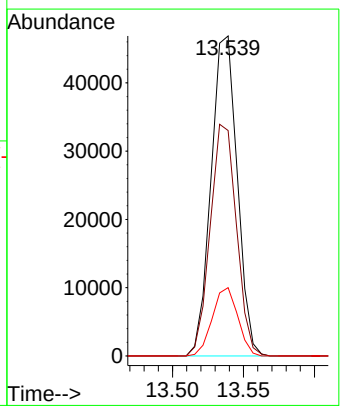


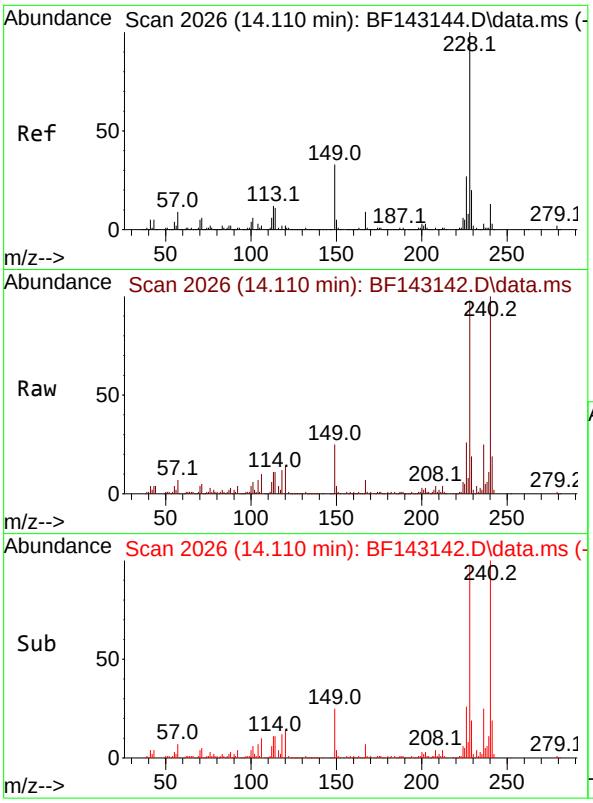


#80
Butylbenzylphthalate
Concen: 9.024 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:149 Resp: 60055

Ion	Ratio	Lower	Upper
149	100		
91	70.4	57.9	86.9
206	21.3	17.0	25.4



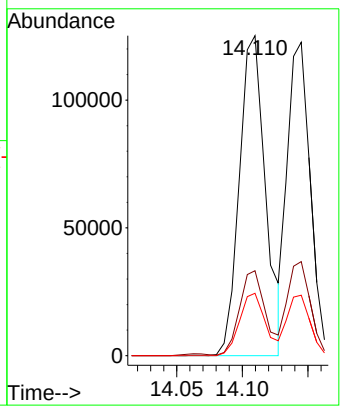


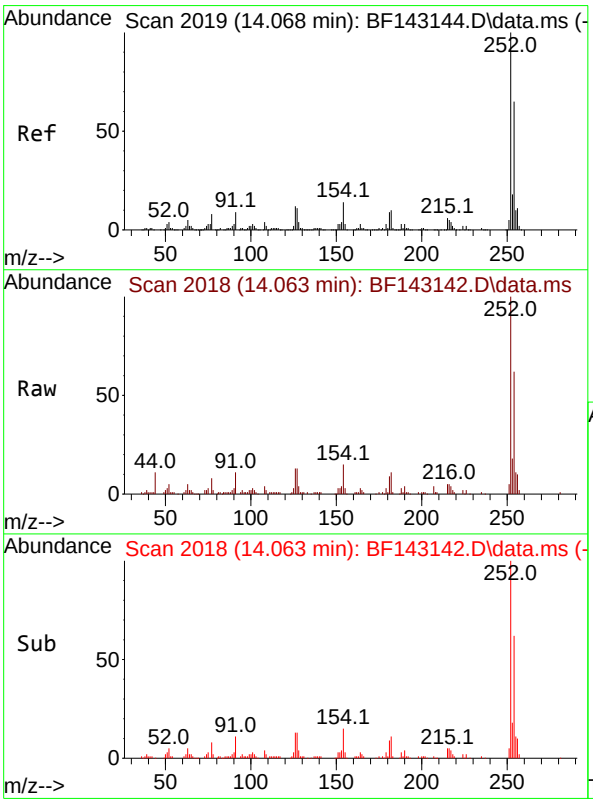
#81
Benzo(a)anthracene
Concen: 10.207 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 174020

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.7	32.5
229	19.5	15.8	23.6

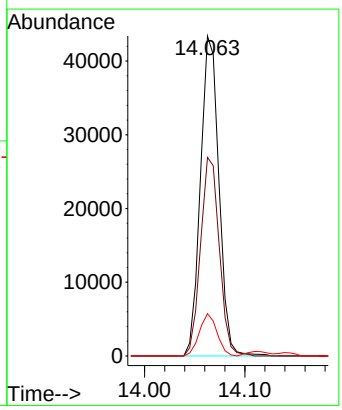


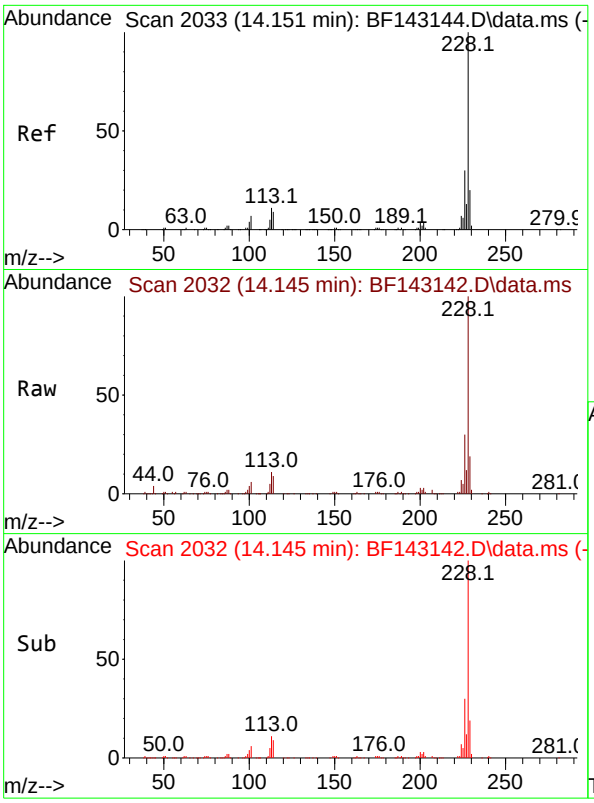


#82
3,3'-Dichlorobenzidine
Concen: 9.802 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:252 Resp: 55694

Ion	Ratio	Lower	Upper
252	100		
254	62.0	51.7	77.5
126	13.2	9.4	14.0



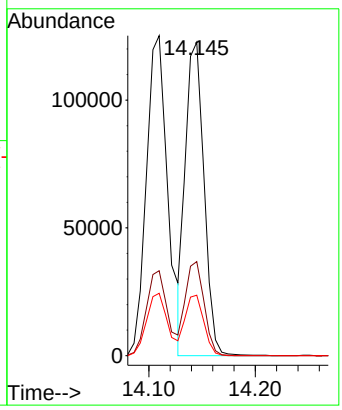


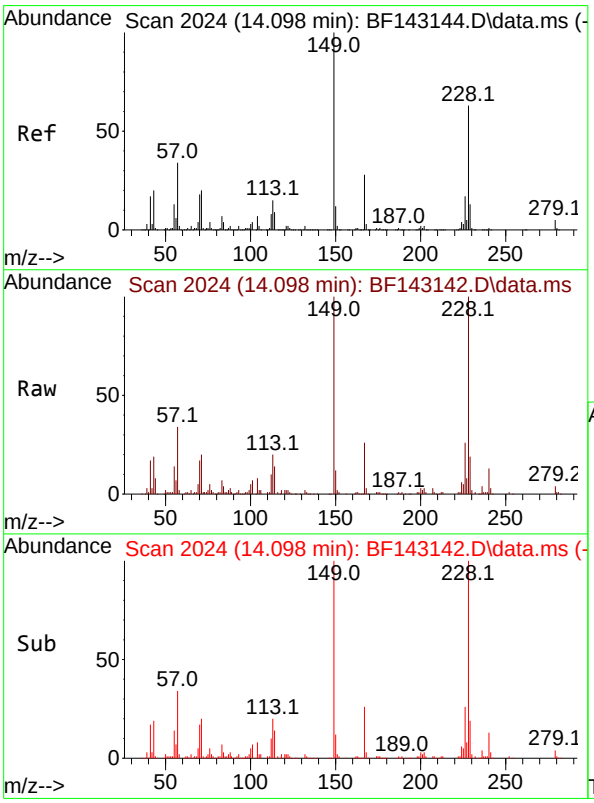
#83
Chrysene
Concen: 9.750 ng
RT: 14.145 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 149446

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.8
229	19.3	15.6	23.4

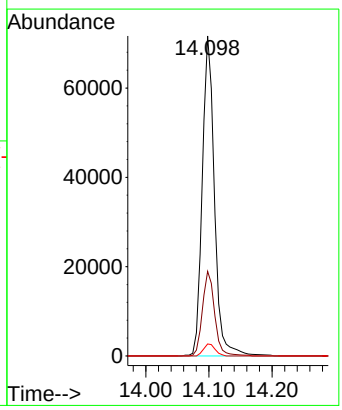


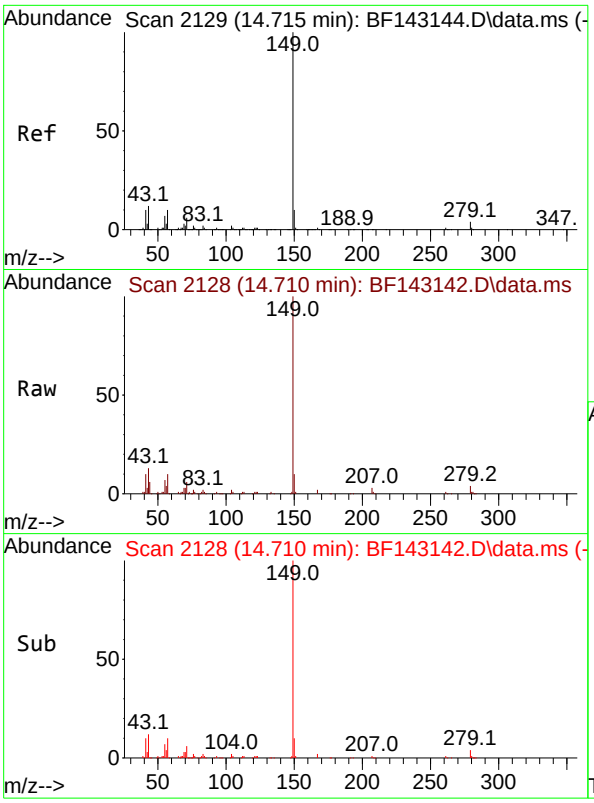


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.549 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:149 Resp: 96191

Ion	Ratio	Lower	Upper
149	100		
167	26.5	22.3	33.5
279	3.7	3.6	5.4



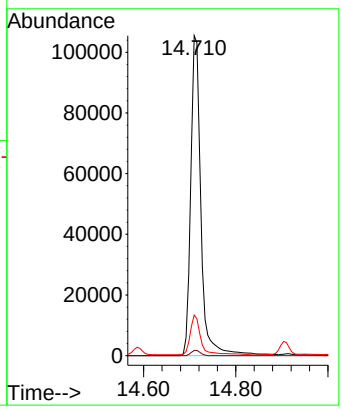


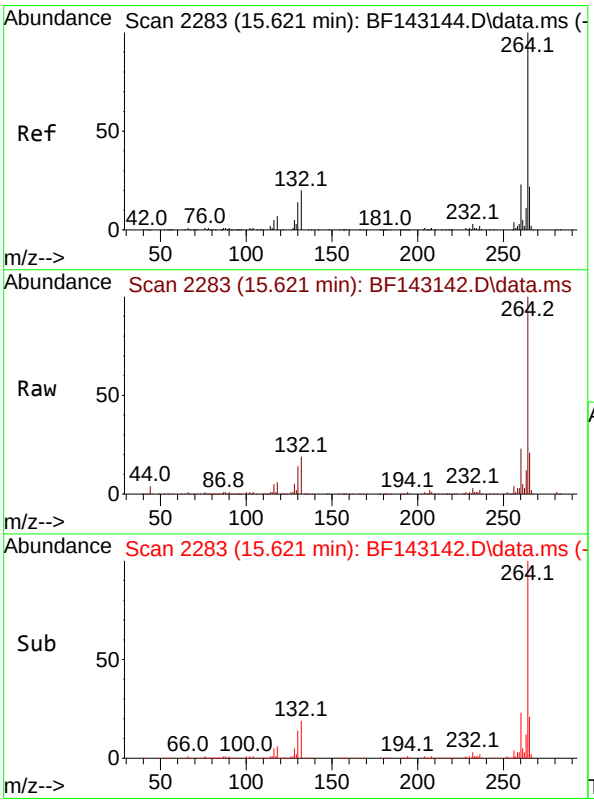
#85
Di-n-octyl phthalate
Concen: 8.881 ng
RT: 14.710 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 162156

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	12.7	9.7	14.5

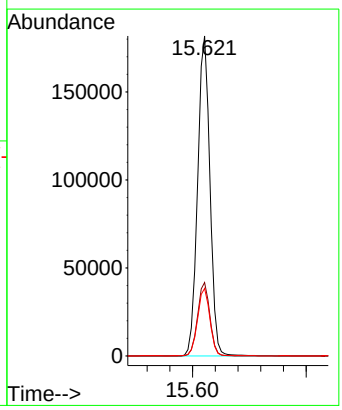


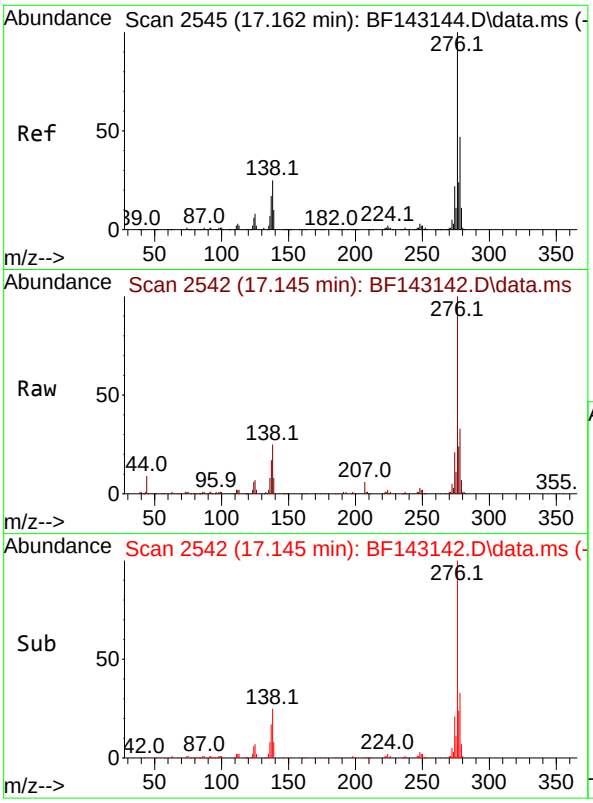


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:264 Resp: 273706

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.5	27.7
265	21.1	17.4	26.2



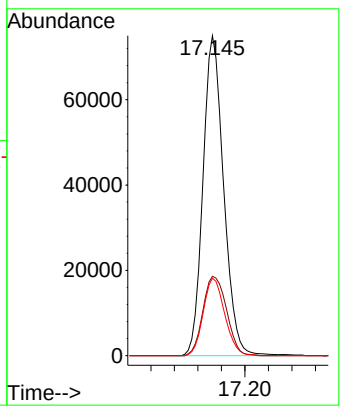


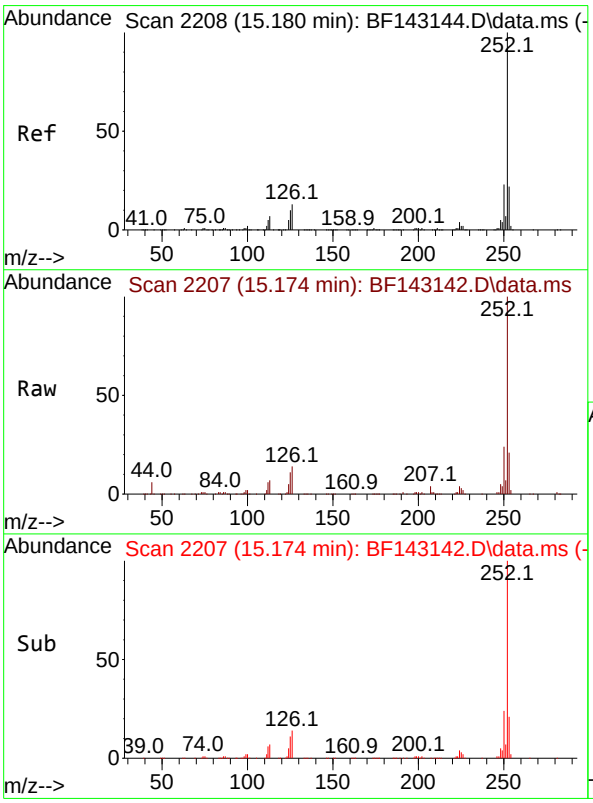
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.475 ng
RT: 17.145 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 182869

Ion	Ratio	Lower	Upper
276	100		
138	28.3	21.8	32.6
277	25.1	20.0	30.0

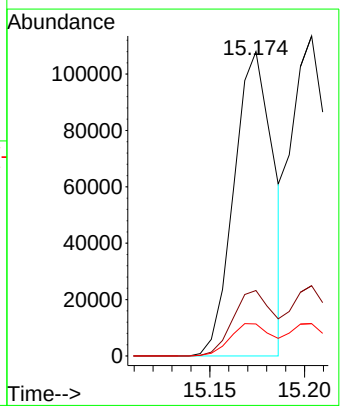


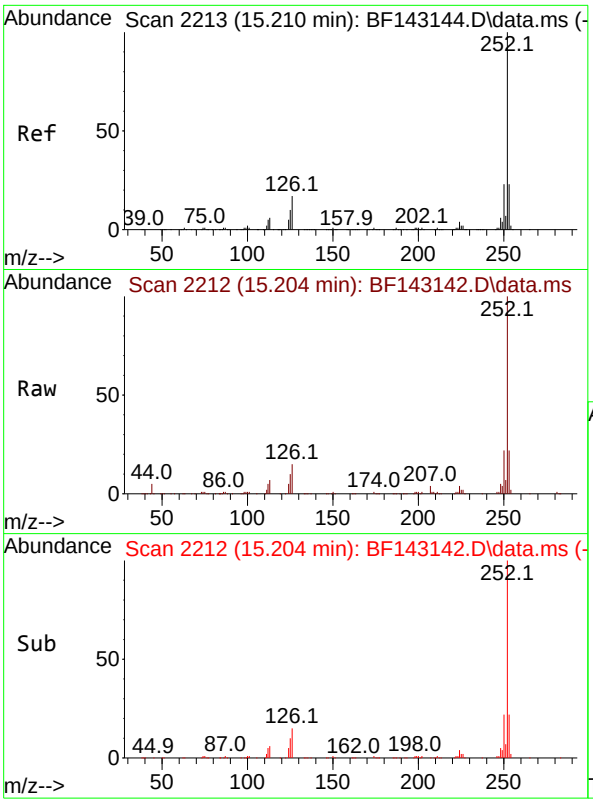


#88
Benzo(b)fluoranthene
Concen: 9.296 ng
RT: 15.174 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:252 Resp: 155430

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	10.5	8.0	12.0



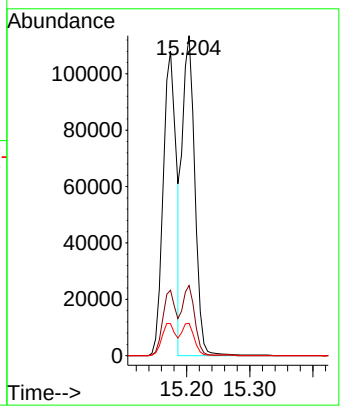


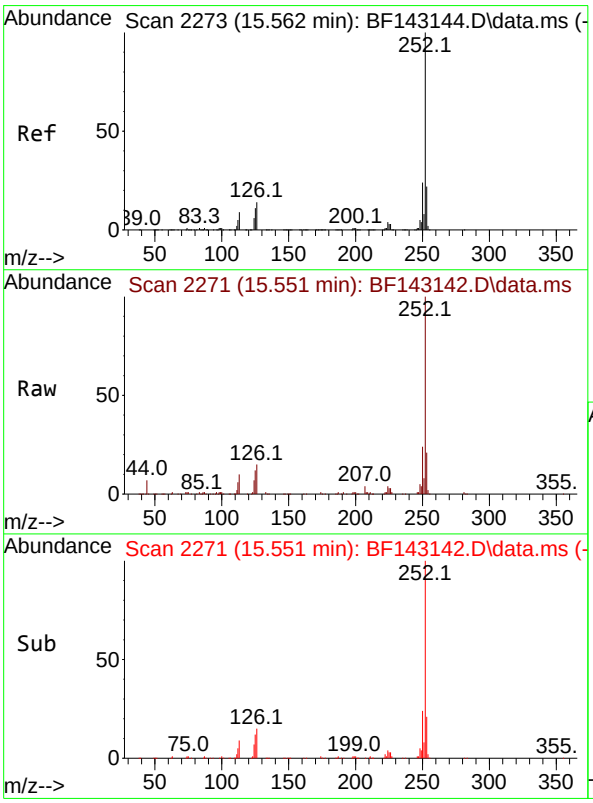
#89
Benzo(k)fluoranthene
Concen: 10.567 ng
RT: 15.204 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 157663

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.1	8.1	12.1

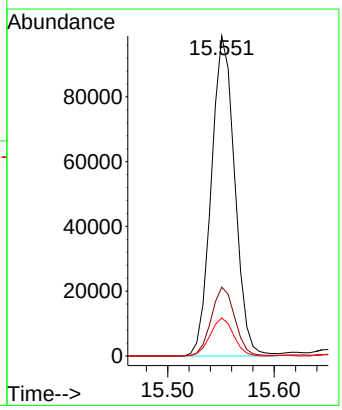


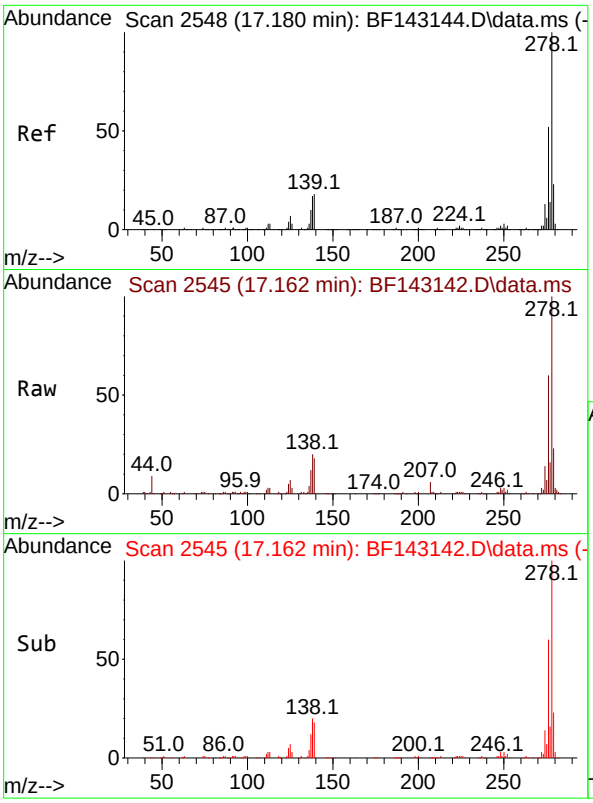


#90
Benzo(a)pyrene
Concen: 9.792 ng
RT: 15.551 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:252 Resp: 150853

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.3	25.9
125	11.9	8.6	13.0



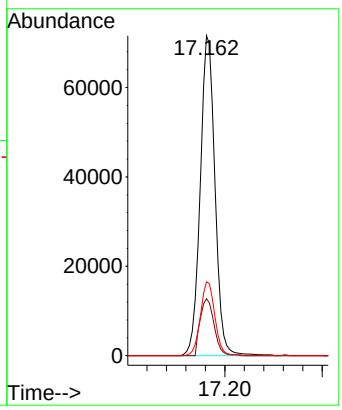


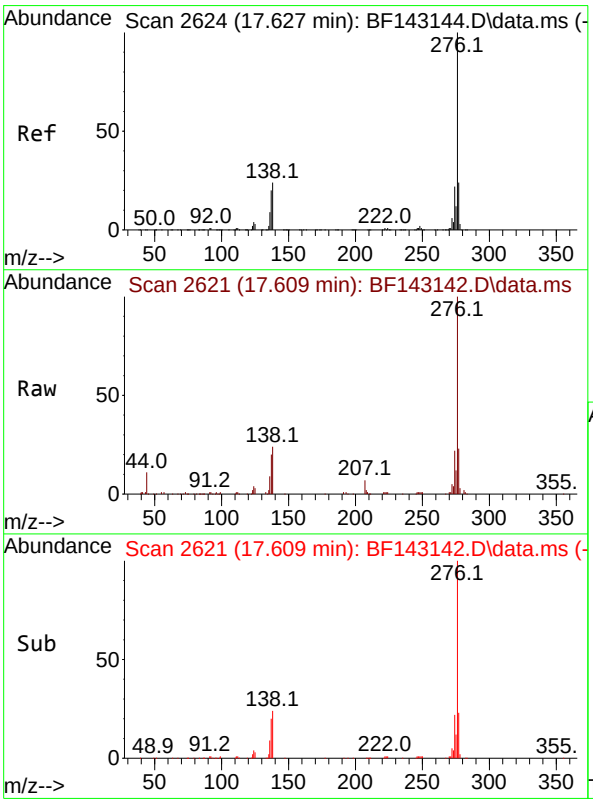
#91
Dibenzo(a,h)anthracene
Concen: 9.611 ng
RT: 17.162 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 150977

Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.1	21.1
279	23.1	18.6	28.0

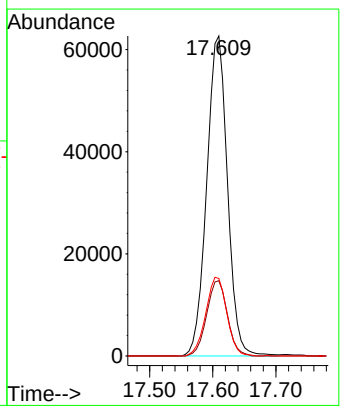




#92
Benzo(g,h,i)perylene
Concen: 9.433 ng
RT: 17.609 min Scan# 2621
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:276 Resp: 143342

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	24.2	18.9	28.3



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143143.D
Acq On : 17 Jul 2025 12:34
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Jul 17 15:02:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	168491	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	642580	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	329670	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	532921	20.000	ng		0.00
76) Chrysene-d12	14.121	240	305398	20.000	ng		0.00
86) Perylene-d12	15.621	264	338518	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	444546	41.752	ng		0.00
7) Phenol-d6	6.575	99	558427	41.668	ng		-0.01
23) Nitrobenzene-d5	7.516	82	554482	43.013	ng		0.00
42) 2,4,6-Tribromophenol	10.780	330	139748	41.034	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1019688	42.301	ng		0.00
79) Terphenyl-d14	13.063	244	866830	42.238	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.810	88	103481	20.540	ng		99
3) Pyridine	3.581	79	261405	19.990	ng		99
4) n-Nitrosodimethylamine	3.510	42	134638	19.942	ng		99
6) Aniline	6.622	93	382991	20.505	ng		99
8) 2-Chlorophenol	6.745	128	231044	20.702	ng		98
9) Benzaldehyde	6.510	77	196003	19.504	ng		98
10) Phenol	6.593	94	322193	22.068	ng		97
11) bis(2-Chloroethyl)ether	6.692	93	232425	20.792	ng		98
12) 1,3-Dichlorobenzene	6.904	146	251734	20.763	ng		99
13) 1,4-Dichlorobenzene	6.981	146	253137	20.733	ng		100
14) 1,2-Dichlorobenzene	7.134	146	243437	20.963	ng		99
15) Benzyl Alcohol	7.092	79	210016	20.524	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	428827	20.680	ng		100
17) 2-Methylphenol	7.198	107	192172	20.479	ng		99
18) Hexachloroethane	7.481	117	88036	20.828	ng		98
19) n-Nitroso-di-n-propyla...	7.363	70	173142	20.137	ng		97
20) 3+4-Methylphenols	7.351	107	247578	21.745	ng		96
22) Acetophenone	7.363	105	321774	21.151	ng	#	99
24) Nitrobenzene	7.534	77	249251	20.739	ng		98
25) Isophorone	7.775	82	457146	20.088	ng		99
26) 2-Nitrophenol	7.851	139	105681	20.261	ng		98
27) 2,4-Dimethylphenol	7.887	122	218960	20.594	ng		99
28) bis(2-Chloroethoxy)met...	7.987	93	283946	20.811	ng		100
29) 2,4-Dichlorophenol	8.092	162	184432	20.569	ng		99
30) 1,2,4-Trichlorobenzene	8.181	180	204103	21.070	ng		98
31) Naphthalene	8.263	128	662968	20.949	ng		100
32) Benzoic acid	7.957	122	90732	18.667	ng		98
33) 4-Chloroaniline	8.304	127	269101	20.825	ng		99
34) Hexachlorobutadiene	8.386	225	122624	20.722	ng		98
35) Caprolactam	8.651	113	53950	19.911	ng		95
36) 4-Chloro-3-methylphenol	8.775	107	197317	20.246	ng		99
37) 2-Methylnaphthalene	8.957	142	403298	20.943	ng		100
38) 1-Methylnaphthalene	9.057	142	417629	21.060	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	198009	20.804	ng		99
41) Hexachlorocyclopentadiene	9.116	237	122922	19.848	ng		100
43) 2,4,6-Trichlorophenol	9.228	196	135703	20.601	ng		100

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143143.D
Acq On : 17 Jul 2025 12:34
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Jul 17 15:02:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	135634	20.584	ng		99
46) 1,1'-Biphenyl	9.416	154	540637	21.019	ng		100
47) 2-Chloronaphthalene	9.445	162	393002	20.650	ng		99
48) 2-Nitroaniline	9.528	65	122517	20.528	ng		99
49) Acenaphthylene	9.857	152	663048	20.789	ng		100
50) Dimethylphthalate	9.710	163	441768	20.558	ng		100
51) 2,6-Dinitrotoluene	9.769	165	89742	20.529	ng		97
52) Acenaphthene	10.033	154	390249	20.702	ng		99
53) 3-Nitroaniline	9.933	138	103870	20.314	ng		94
54) 2,4-Dinitrophenol	10.039	184	26820	19.073	ng	#	1
55) Dibenzofuran	10.204	168	582320	20.806	ng		98
56) 4-Nitrophenol	10.081	139	75275	19.715	ng		99
57) 2,4-Dinitrotoluene	10.169	165	112851	20.577	ng		99
58) Fluorene	10.545	166	435866	20.750	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.316	232	113851	20.859	ng		100
60) Diethylphthalate	10.410	149	440058	20.719	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	216496	20.699	ng		99
62) 4-Nitroaniline	10.545	138	87666	20.005	ng		99
63) Azobenzene	10.698	77	458013	20.690	ng		99
65) 4,6-Dinitro-2-methylph...	10.580	198	46122	20.060	ng		95
66) n-Nitrosodiphenylamine	10.651	169	384467	20.488	ng		100
67) 4-Bromophenyl-phenylether	11.028	248	128663	20.259	ng		99
68) Hexachlorobenzene	11.098	284	134031	20.191	ng		99
69) Atrazine	11.169	200	105386	20.370	ng		99
70) Pentachlorophenol	11.280	266	77906	19.957	ng		99
71) Phenanthrene	11.510	178	595411	21.042	ng		99
72) Anthracene	11.557	178	604416	20.944	ng		99
73) Carbazole	11.704	167	523365	20.769	ng		100
74) Di-n-butylphthalate	12.039	149	601867	21.108	ng		100
75) Fluoranthene	12.692	202	542662	20.894	ng		99
77) Benzidine	12.810	184	257904	21.919	ng		99
78) Pyrene	12.922	202	544650	20.897	ng		99
80) Butylbenzylphthalate	13.539	149	163546	20.491	ng		99
81) Benzo(a)anthracene	14.110	228	421791	20.629	ng		99
82) 3,3'-Dichlorobenzidine	14.068	252	151153	22.181	ng		100
83) Chrysene	14.145	228	380799	20.714	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	251739	20.839	ng		99
85) Di-n-octyl phthalate	14.716	149	436102	19.916	ng		99
87) Indeno(1,2,3-cd)pyrene	17.151	276	484240	20.286	ng		99
88) Benzo(b)fluoranthene	15.174	252	435747	21.071	ng		99
89) Benzo(k)fluoranthene	15.204	252	369899	20.044	ng		100
90) Benzo(a)pyrene	15.557	252	388136	20.371	ng		99
91) Dibenzo(a,h)anthracene	17.168	278	398949	20.534	ng		99
92) Benzo(g,h,i)perylene	17.615	276	385915	20.534	ng		99

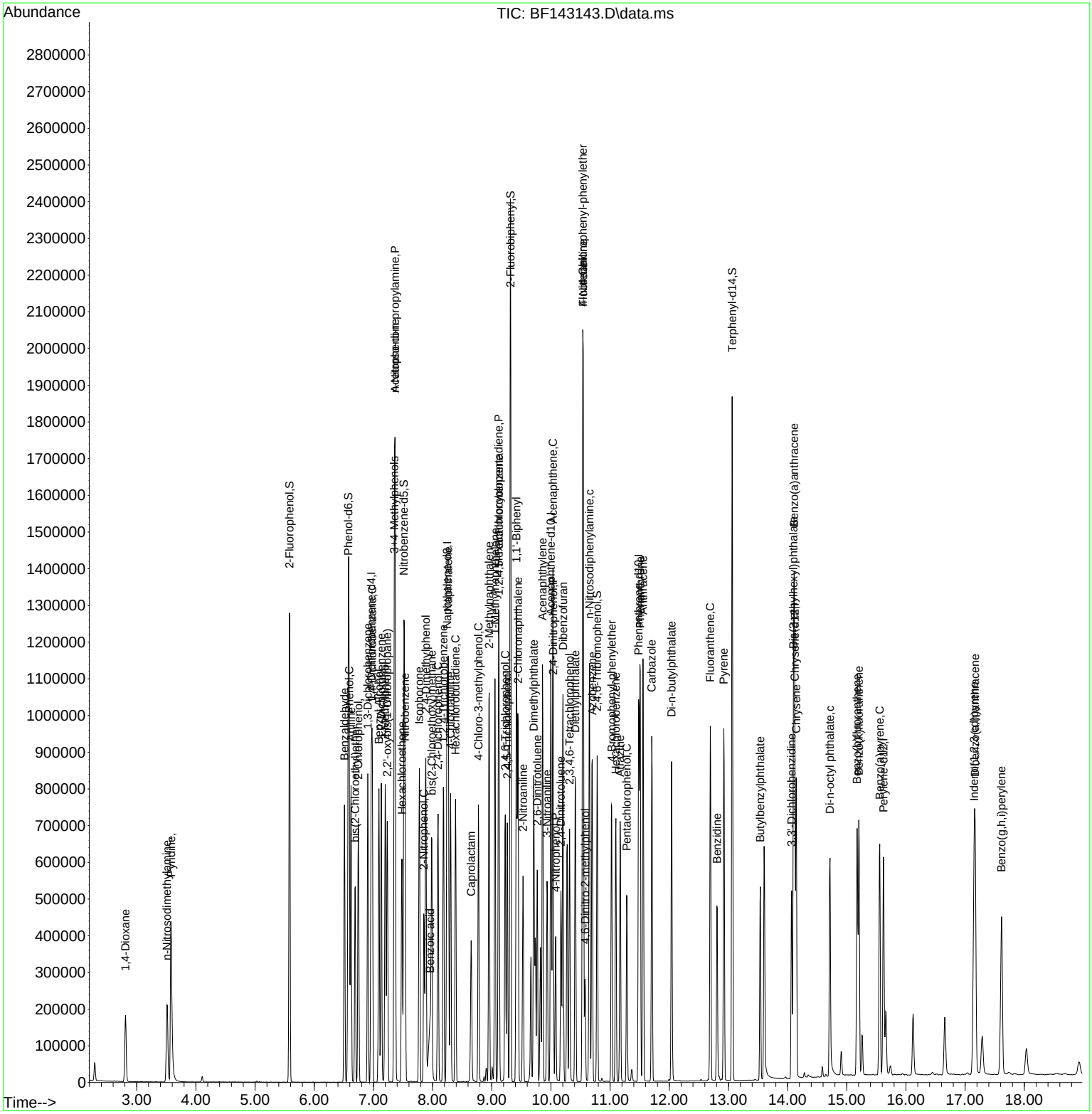
(#) = qualifier out of range (m) = manual integration (+) = signals summed

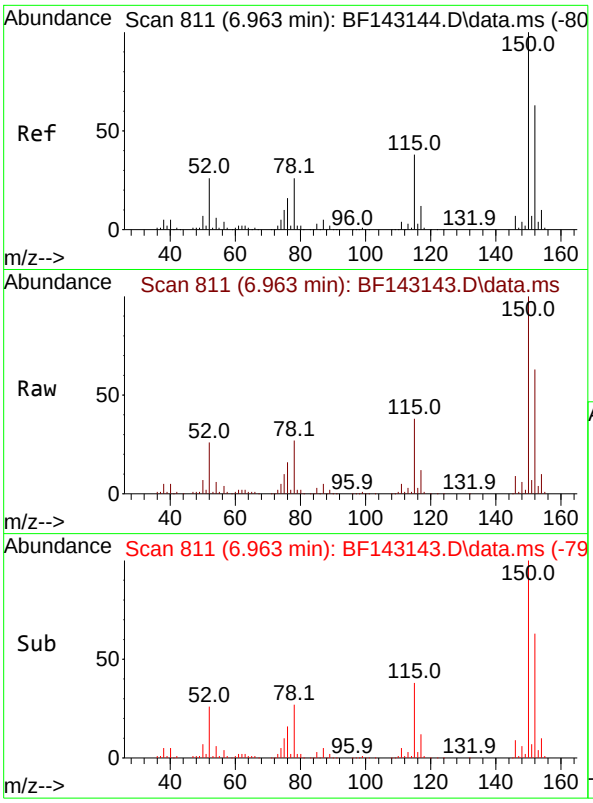
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143143.D
Acq On : 17 Jul 2025 12:34
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Jul 17 15:02:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration



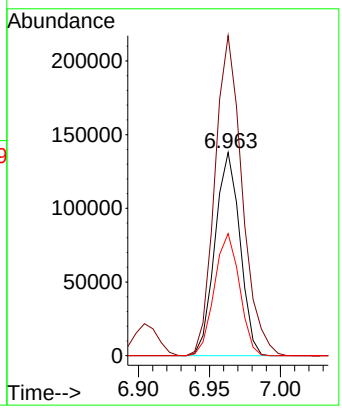


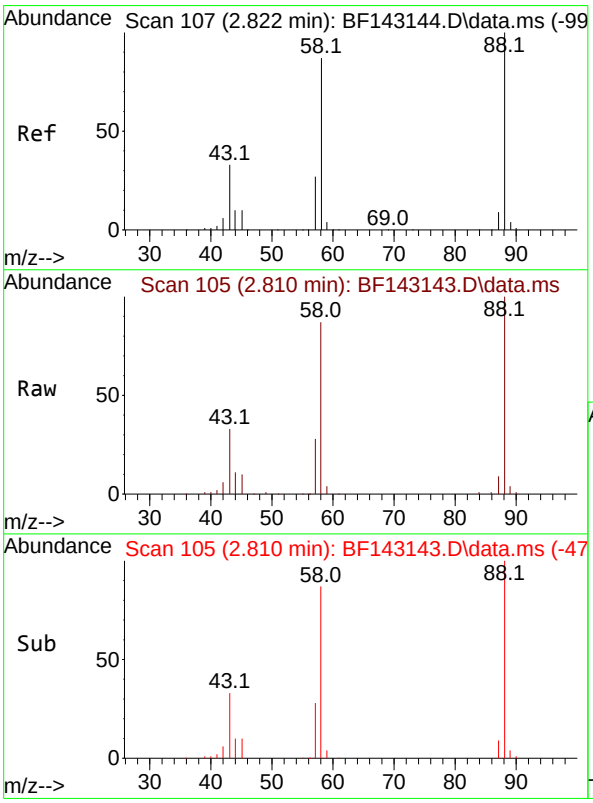
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 168491

Ion	Ratio	Lower	Upper
152	100		
150	157.5	128.2	192.4
115	60.1	47.9	71.9

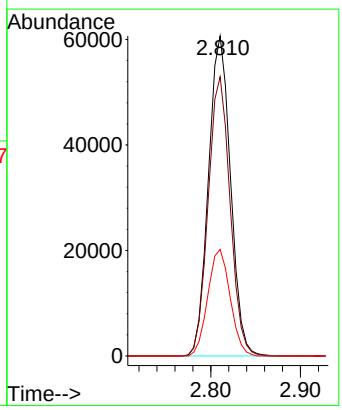


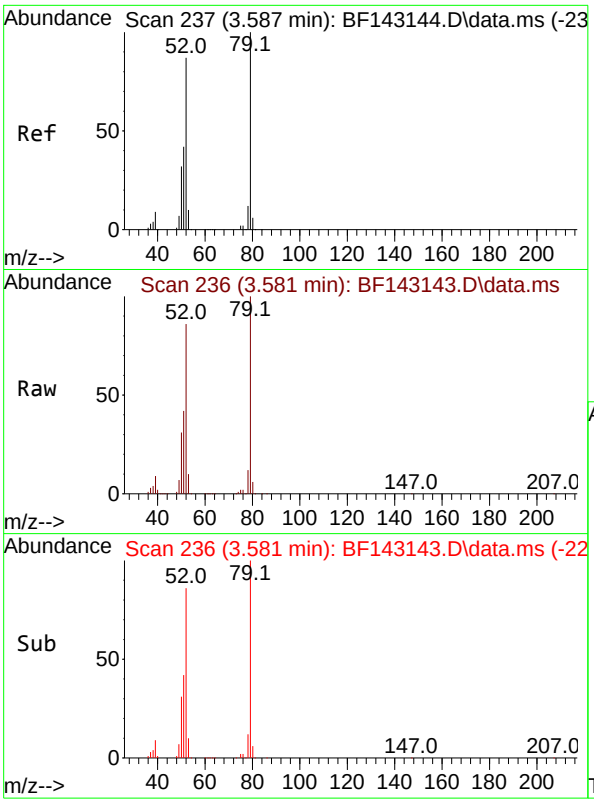


#2
1,4-Dioxane
Concen: 20.540 ng
RT: 2.810 min Scan# 105
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 88 Resp: 103481

Ion	Ratio	Lower	Upper
88	100		
58	86.7	70.2	105.2
43	33.8	27.1	40.7



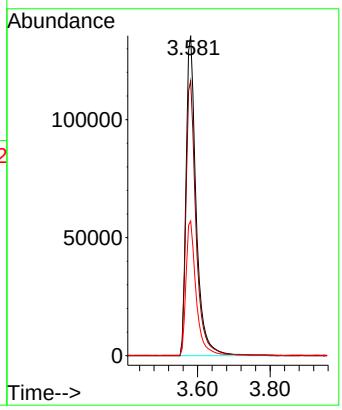


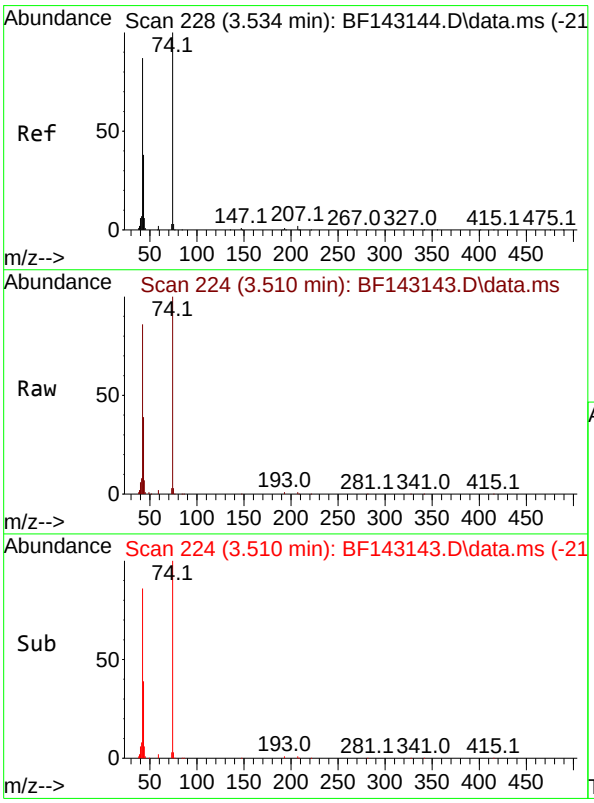
#3
Pyridine
Concen: 19.990 ng
RT: 3.581 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 261405

Ion	Ratio	Lower	Upper
79	100		
52	85.9	69.4	104.2
51	42.1	33.5	50.3

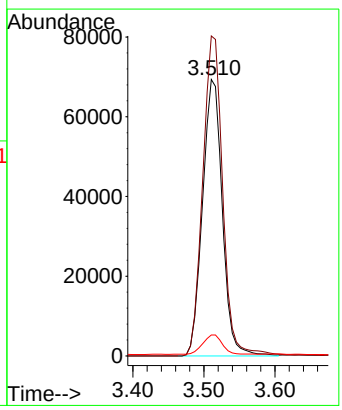


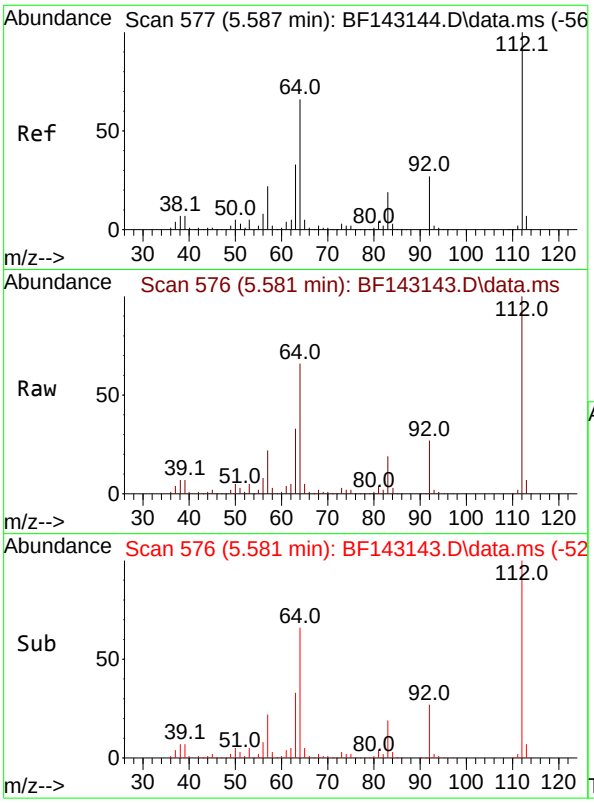


#4
n-Nitrosodimethylamine
Concen: 19.942 ng
RT: 3.510 min Scan# 224
Delta R.T. -0.023 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 42 Resp: 134638

Ion	Ratio	Lower	Upper
42	100		
74	115.7	91.7	137.5
44	7.6	5.6	8.4



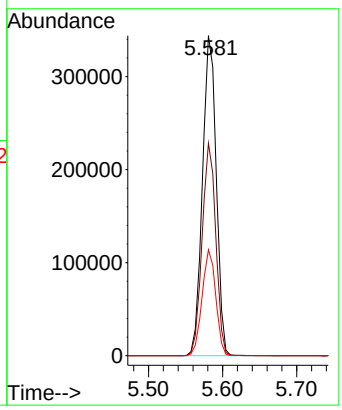


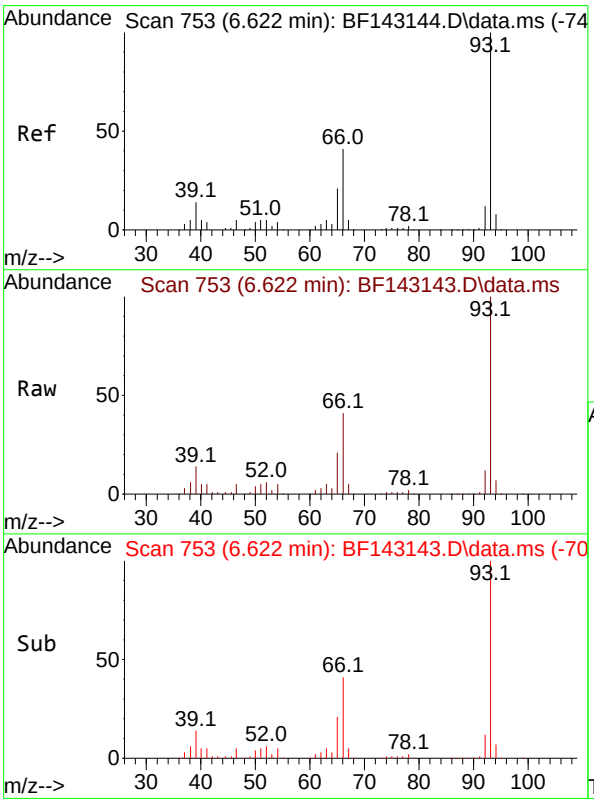
#5
2-Fluorophenol
Concen: 41.752 ng
RT: 5.581 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 444546

Ion	Ratio	Lower	Upper
112	100		
64	66.4	53.1	79.7
63	33.1	26.6	40.0

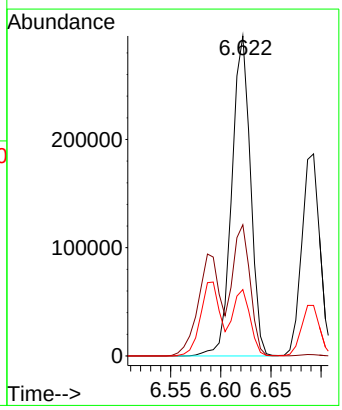


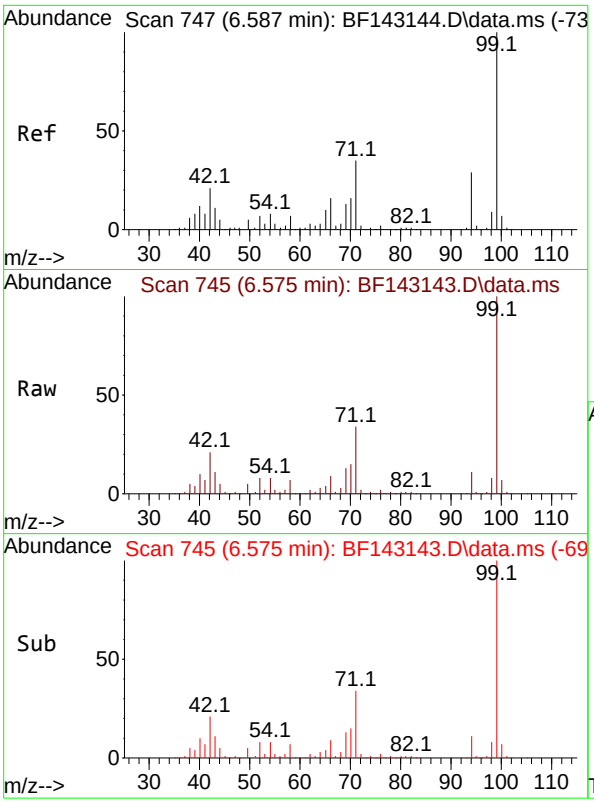


#6
Aniline
Concen: 20.505 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 93 Resp: 382991

Ion	Ratio	Lower	Upper
93	100		
66	41.0	33.2	49.8
65	20.7	16.9	25.3



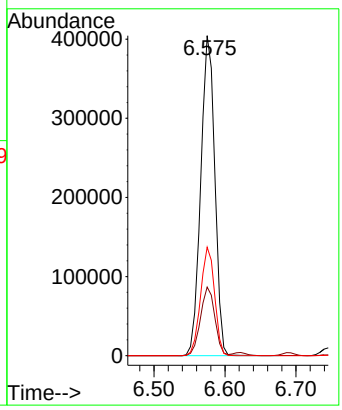


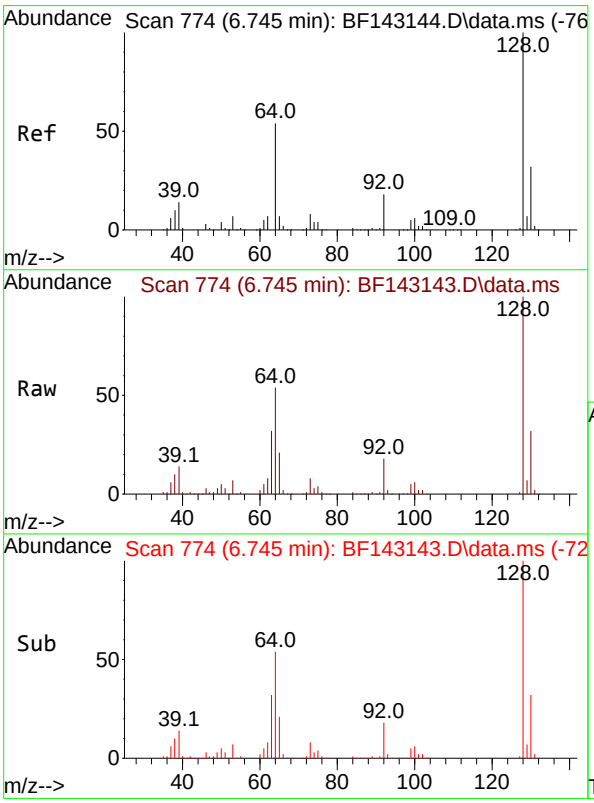
#7
Phenol-d6
Concen: 41.668 ng
RT: 6.575 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 558427

Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.0	25.6
71	33.9	27.7	41.5

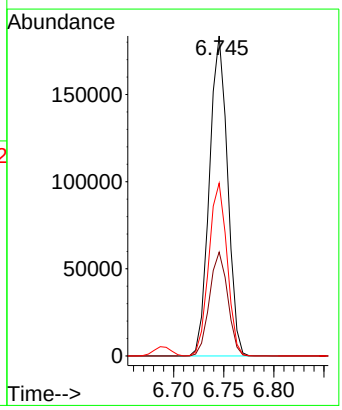


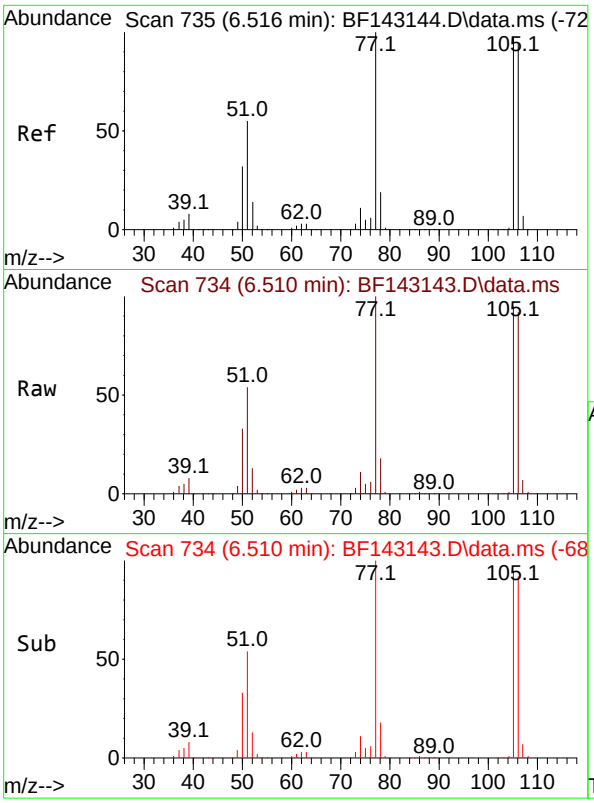


#8
2-Chlorophenol
Concen: 20.702 ng
RT: 6.745 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:128 Resp: 231044

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.3	52.3
64	54.0	35.9	75.9



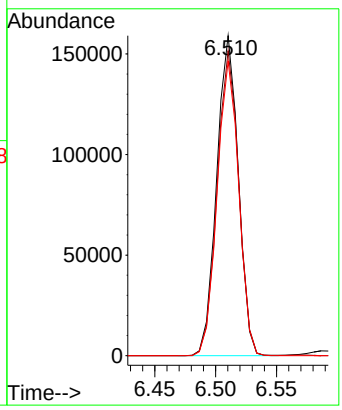


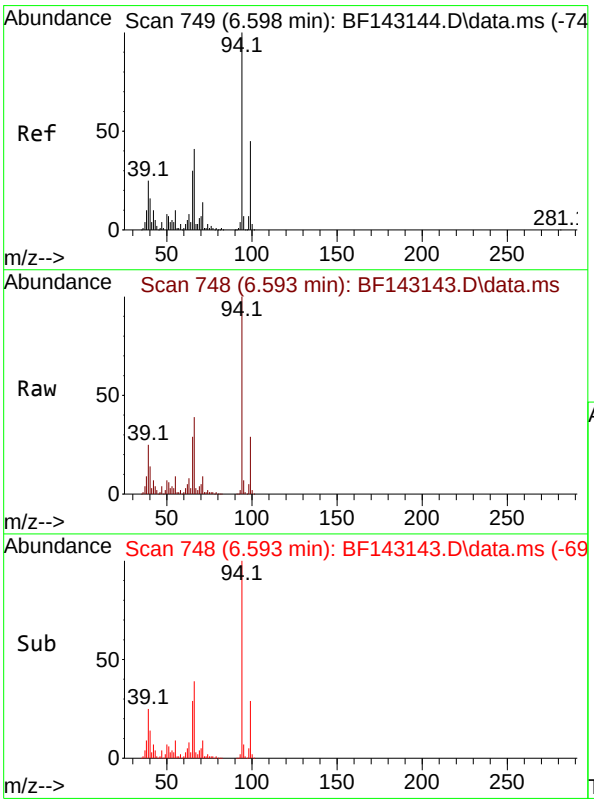
#9
Benzaldehyde
Concen: 19.504 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 196003

Ion	Ratio	Lower	Upper
77	100		
105	95.3	76.8	116.8
106	92.0	74.4	114.4

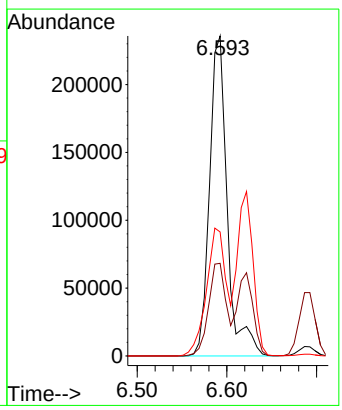


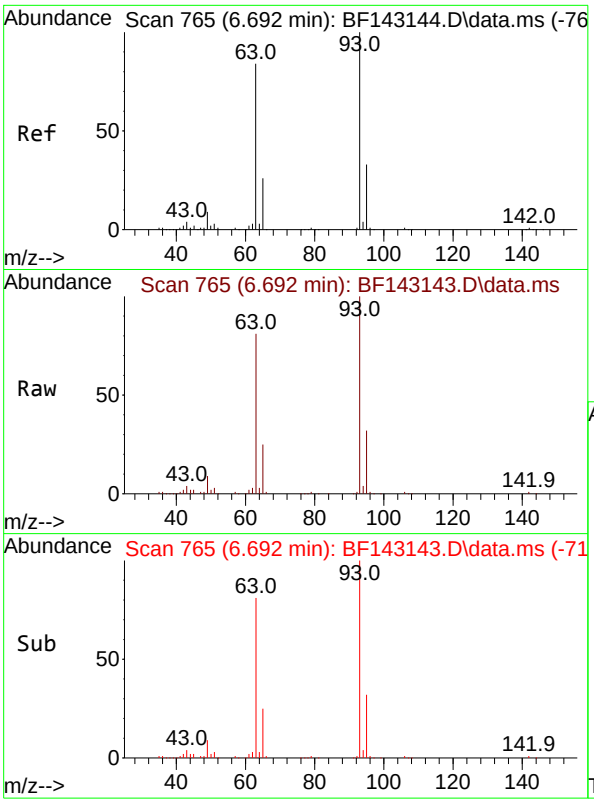


#10
Phenol
Concen: 22.068 ng
RT: 6.593 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 94 Resp: 322193

Ion	Ratio	Lower	Upper
94	100		
65	29.0	10.0	50.0
66	38.8	20.8	60.8



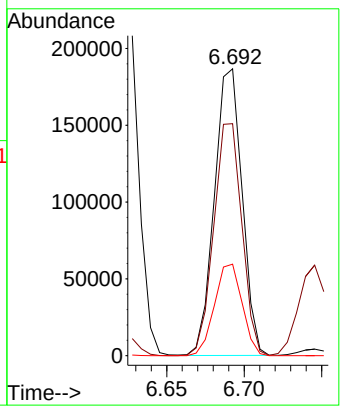


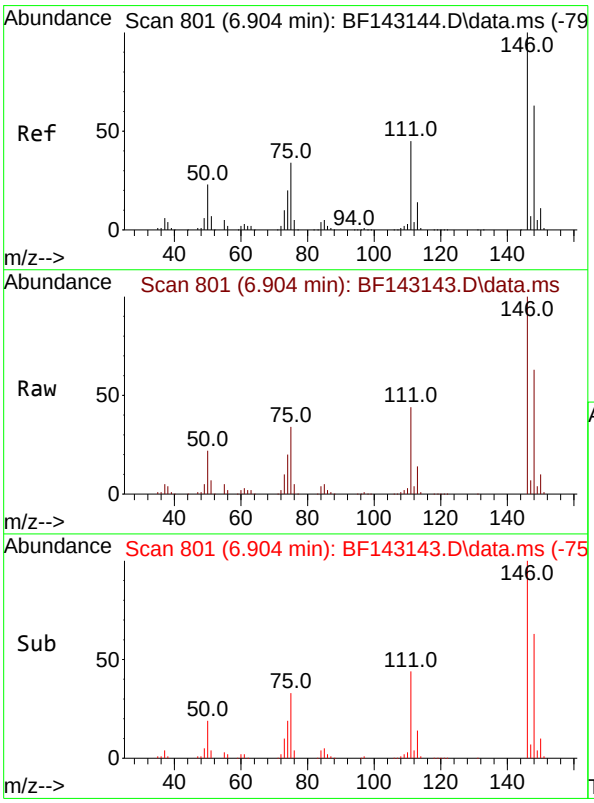
#11
bis(2-Chloroethyl)ether
Concen: 20.792 ng
RT: 6.692 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 232425

Ion	Ratio	Lower	Upper
93	100		
63	80.9	63.4	103.4
95	31.9	12.4	52.4

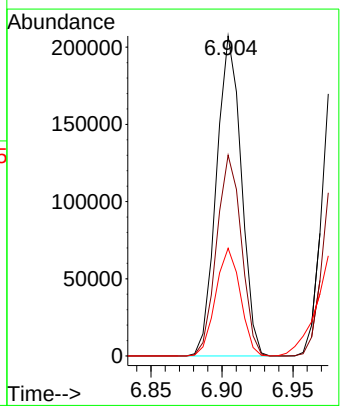


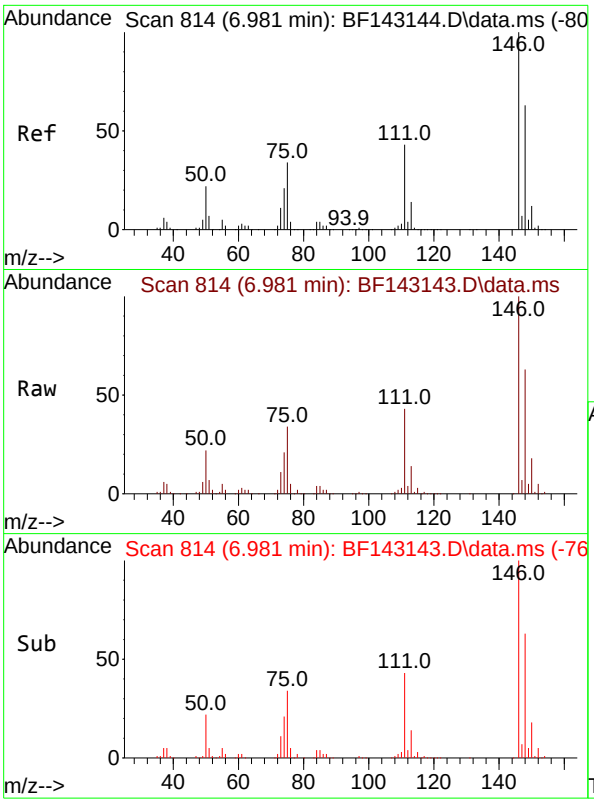


#12
1,3-Dichlorobenzene
Concen: 20.763 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:146 Resp: 251734

Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.6	76.0
75	33.7	27.4	41.2



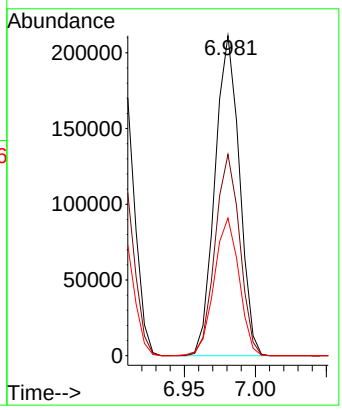


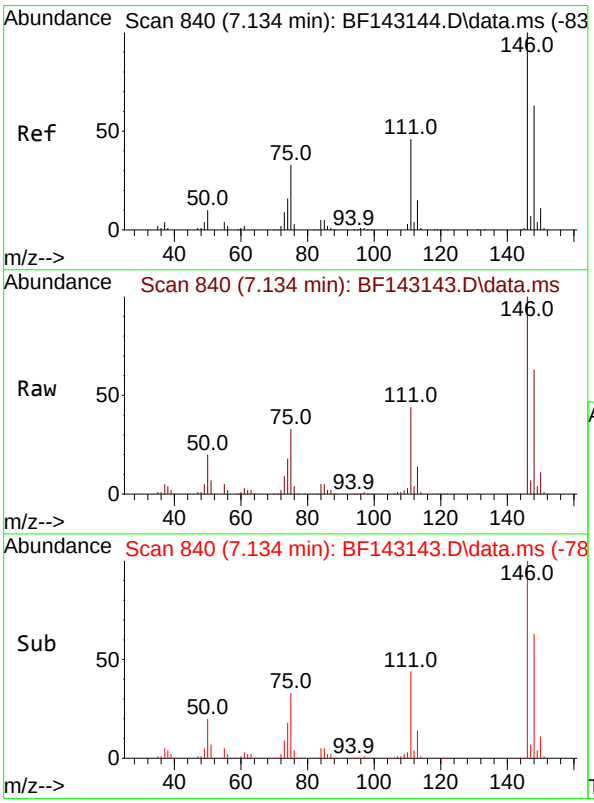
#13
1,4-Dichlorobenzene
Concen: 20.733 ng
RT: 6.981 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 253137

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.3	75.5
111	43.0	34.4	51.6

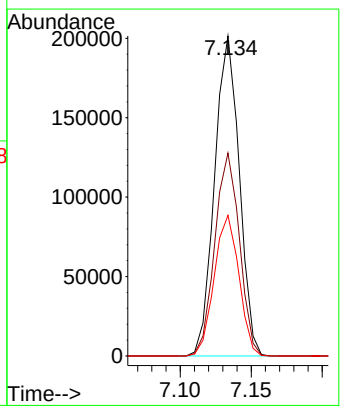


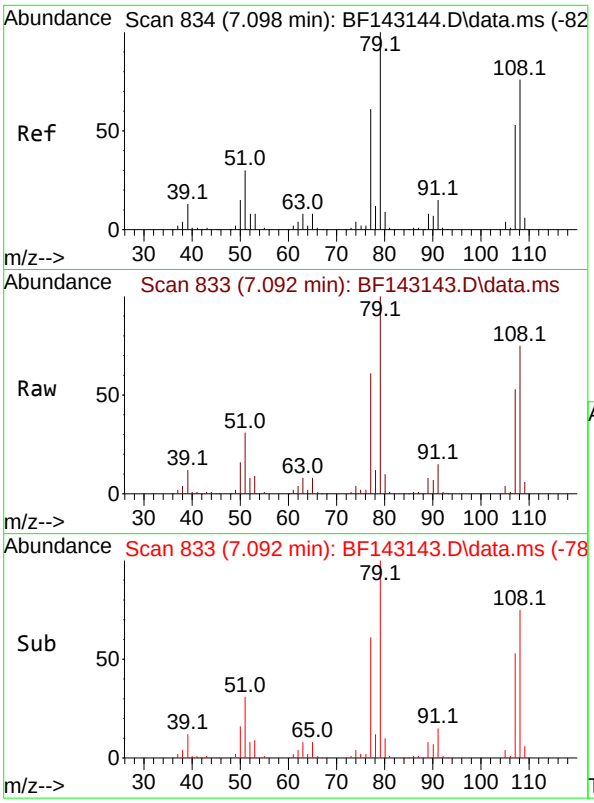


#14
1,2-Dichlorobenzene
Concen: 20.963 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:146 Resp: 243437

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.7	76.1
111	44.0	36.6	54.8



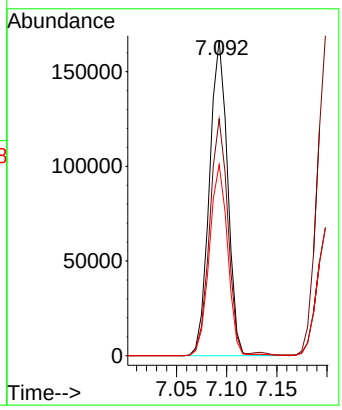


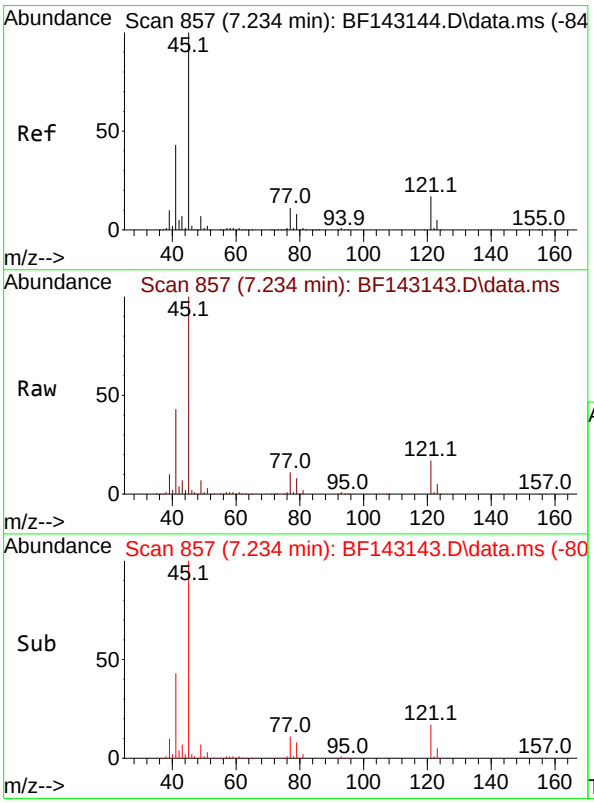
#15
Benzyl Alcohol
Concen: 20.524 ng
RT: 7.092 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 210016

Ion	Ratio	Lower	Upper
79	100		
108	75.0	61.1	91.7
77	60.5	48.9	73.3

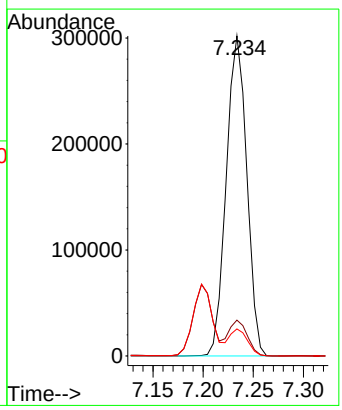


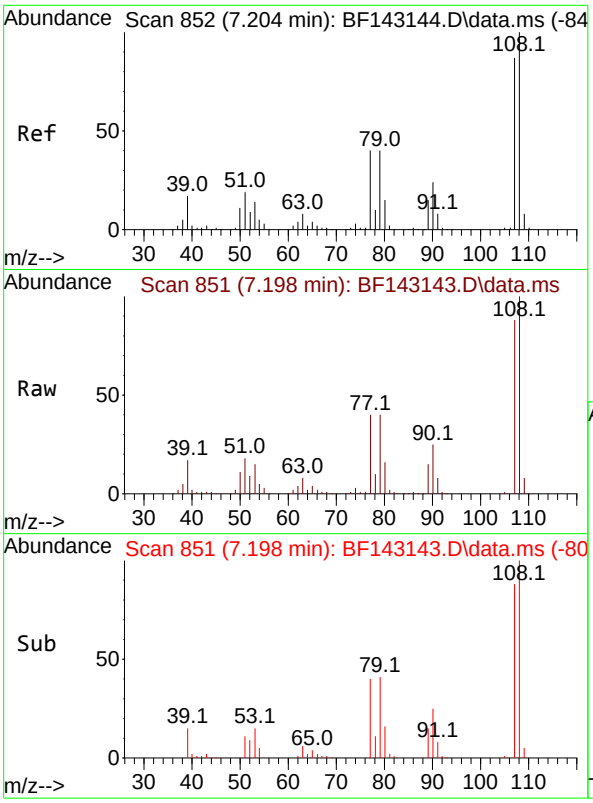


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.680 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 45 Resp: 428827

Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	31.2
79	8.4	0.0	28.5



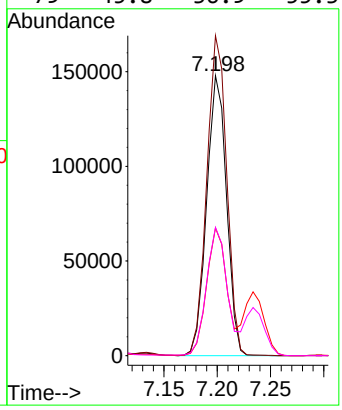


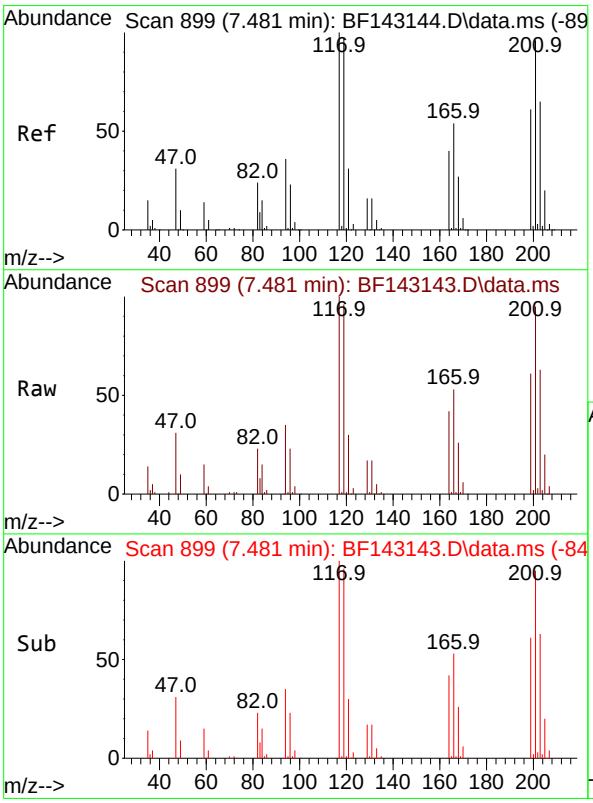
#17
2-Methylphenol
Concen: 20.479 ng
RT: 7.198 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 192172

Ion	Ratio	Lower	Upper
107	100		
108	114.3	91.8	137.6
77	45.6	37.0	55.6
79	45.8	36.9	55.3

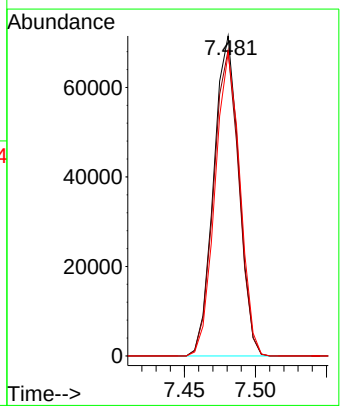


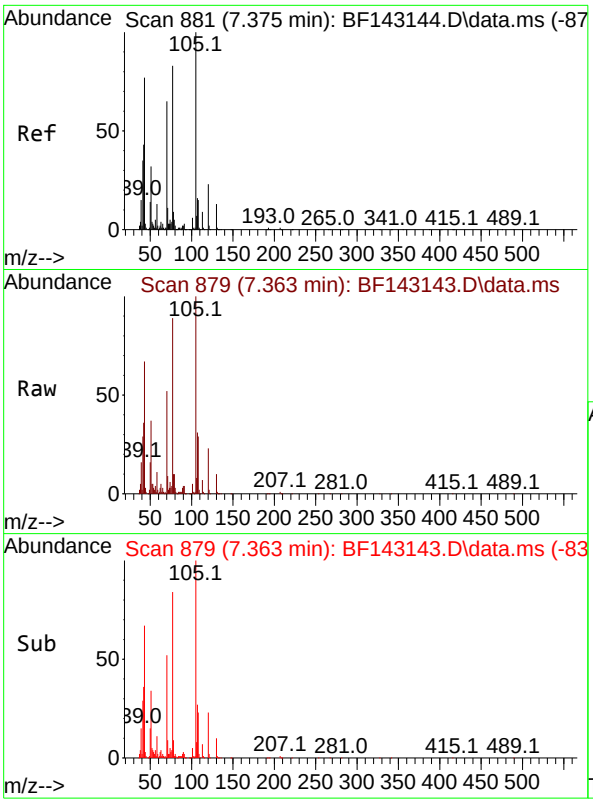


#18
Hexachloroethane
Concen: 20.828 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:117 Resp: 88036

Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.8	116.8
201	94.8	77.0	115.4



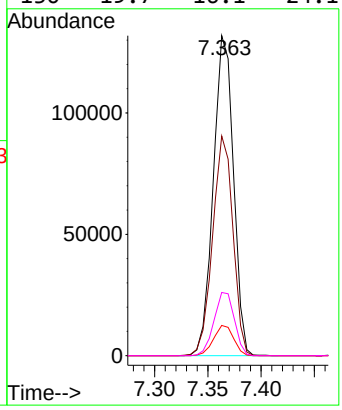


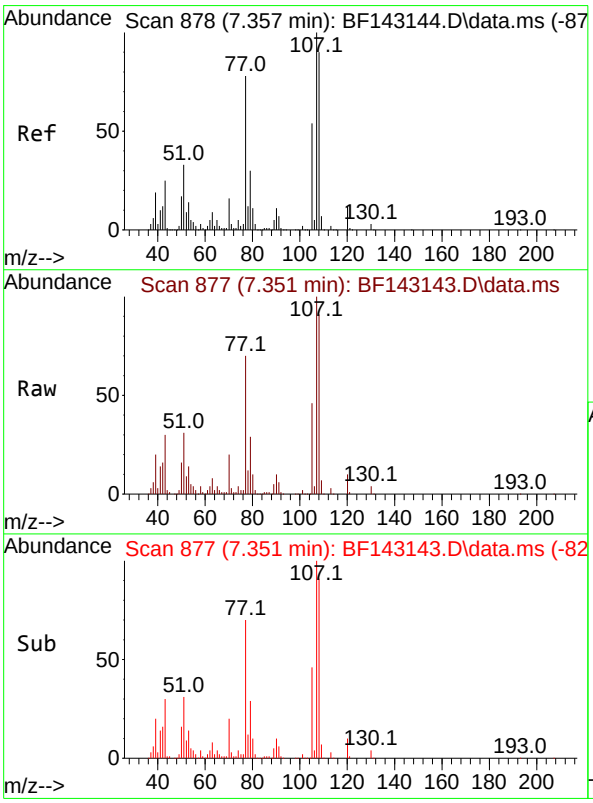
#19
n-Nitroso-di-n-propylamine
Concen: 20.137 ng
RT: 7.363 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 70 Resp: 173142

Ion	Ratio	Lower	Upper
70	100		
42	68.6	52.5	78.7
101	9.4	7.6	11.4
130	19.7	16.1	24.1

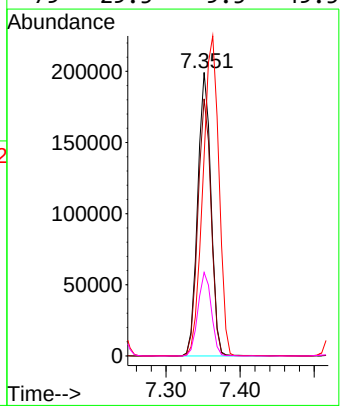


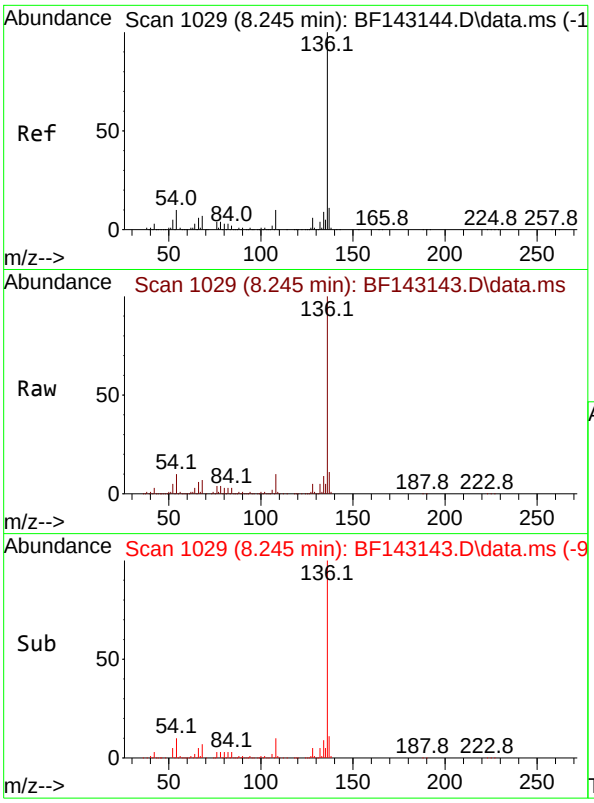


#20
3+4-Methylphenols
Concen: 21.745 ng
RT: 7.351 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:107 Resp: 247578

Ion	Ratio	Lower	Upper
107	100		
108	90.7	70.0	110.0
77	70.4	57.8	97.8
79	29.5	9.5	49.5



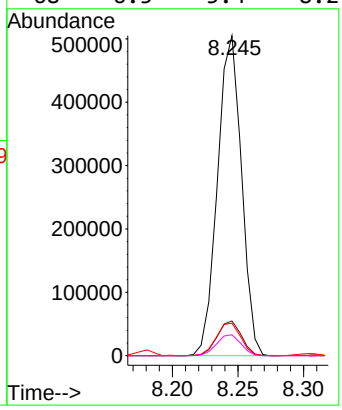


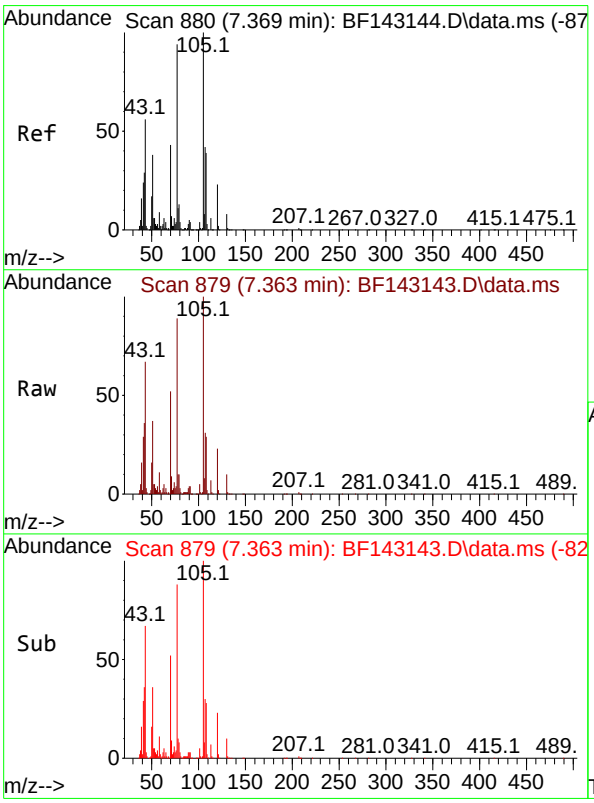
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:136 Resp: 642580

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.2	8.2	12.2
68	6.5	5.4	8.2

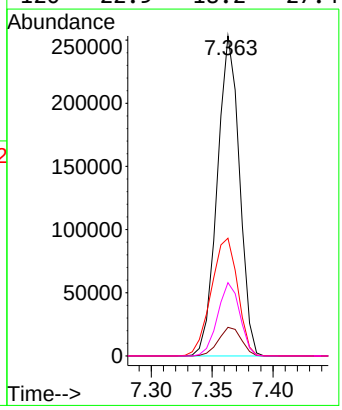


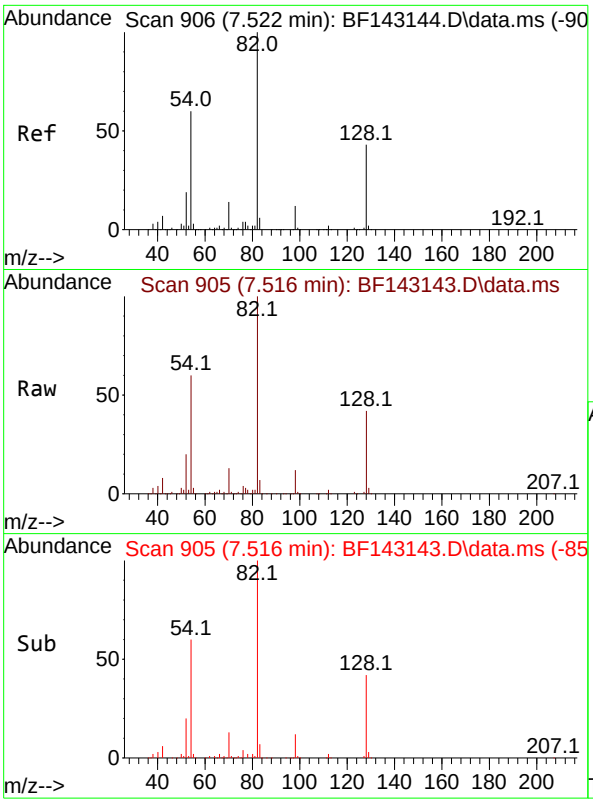


#22
Acetophenone
Concen: 21.151 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:105 Resp: 321774

Ion	Ratio	Lower	Upper
105	100		
71	9.0	5.8	8.6#
51	36.8	30.2	45.2
120	22.9	18.2	27.4



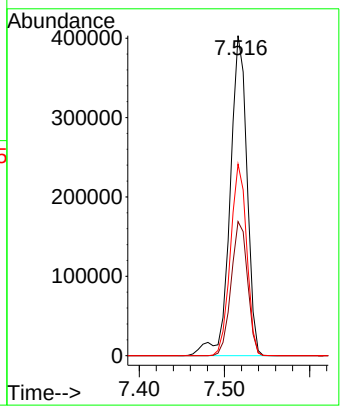


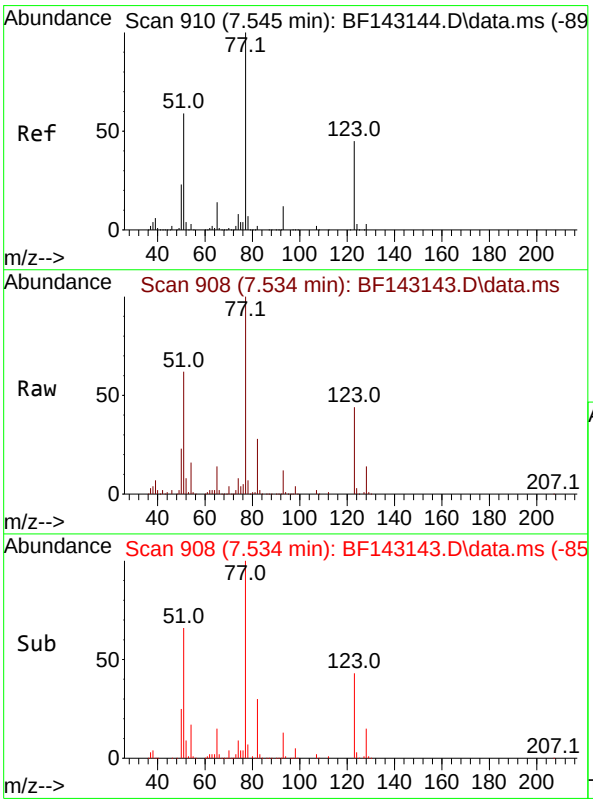
#23
Nitrobenzene-d5
Concen: 43.013 ng
RT: 7.516 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 554482

Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.6	50.4
54	59.8	47.1	70.7

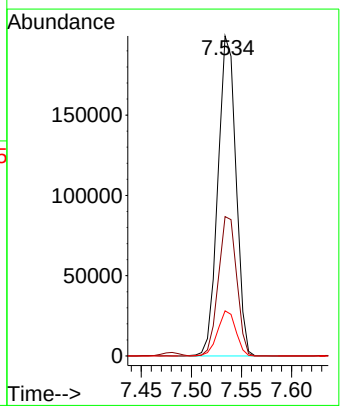


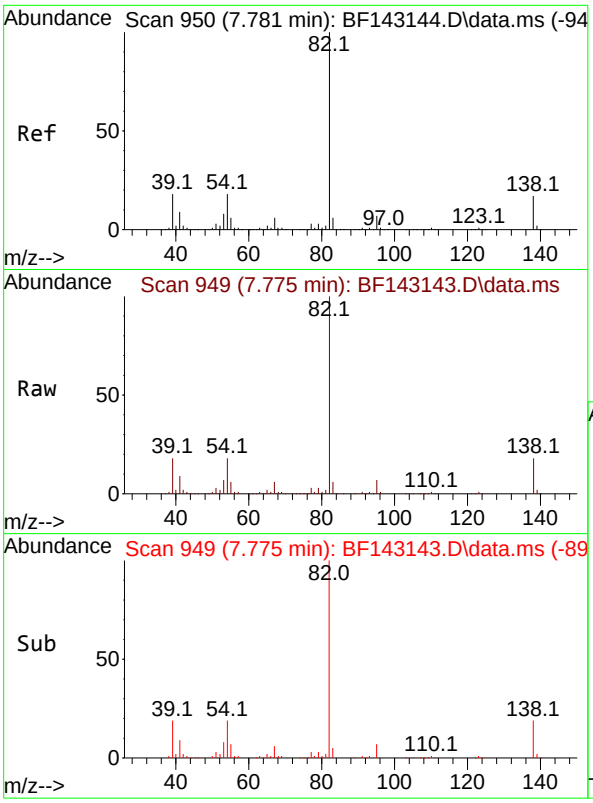


#24
Nitrobenzene
Concen: 20.739 ng
RT: 7.534 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 77 Resp: 249251

Ion	Ratio	Lower	Upper
77	100		
123	43.5	36.1	54.1
65	14.1	11.4	17.2



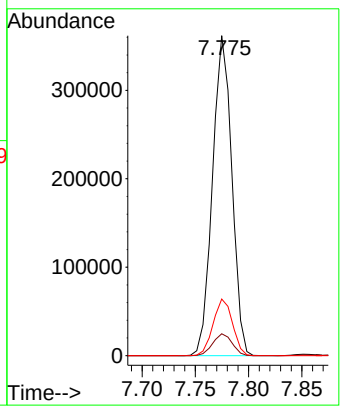


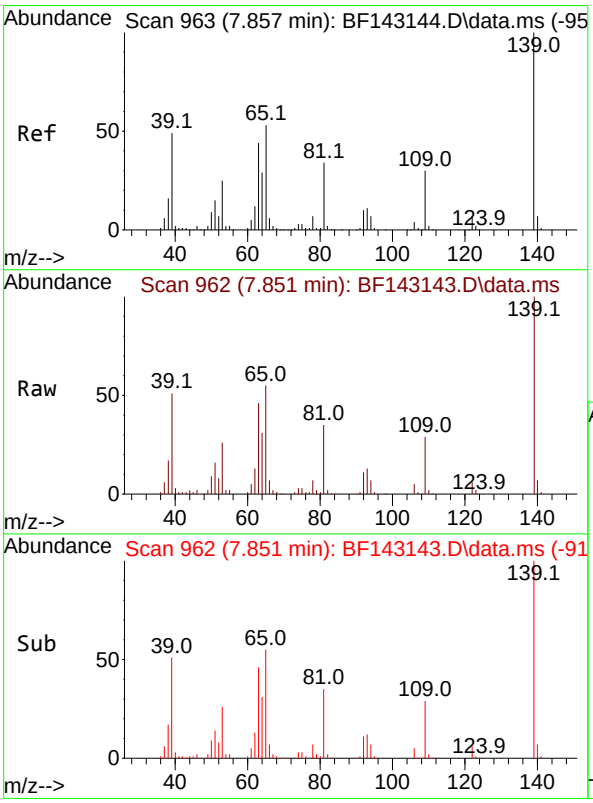
#25
Isophorone
Concen: 20.088 ng
RT: 7.775 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 457146

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.5	8.3
138	17.7	13.8	20.8

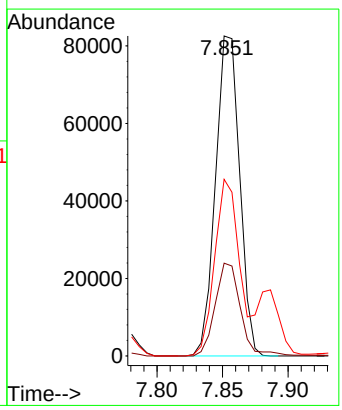


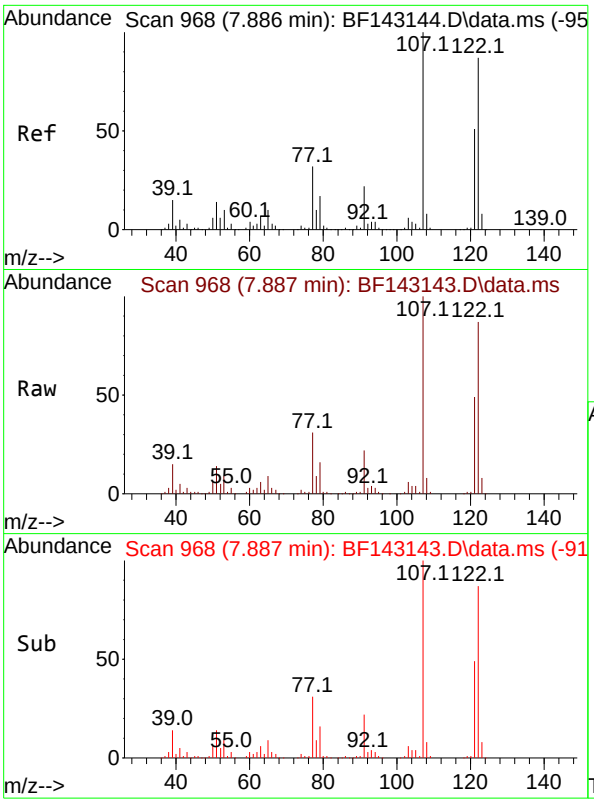


#26
2-Nitrophenol
Concen: 20.261 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:139 Resp: 105681

Ion	Ratio	Lower	Upper
139	100		
109	29.0	23.6	35.4
65	55.2	42.6	64.0



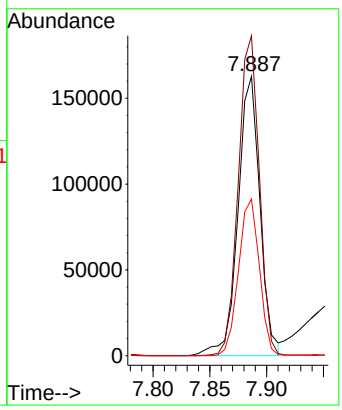


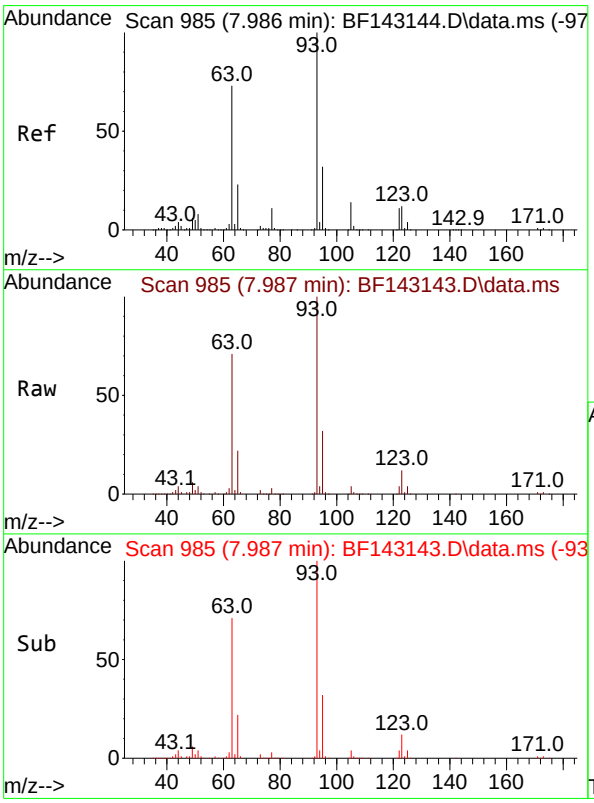
#27
2,4-Dimethylphenol
Concen: 20.594 ng
RT: 7.887 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:122 Resp: 218960

Ion	Ratio	Lower	Upper
122	100		
107	114.5	91.8	137.6
121	56.1	46.3	69.5

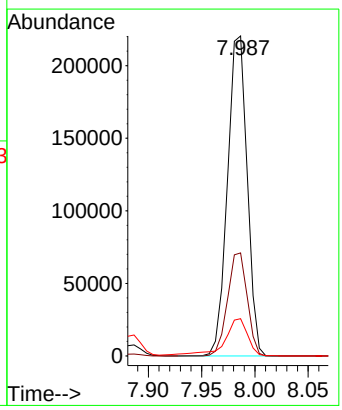


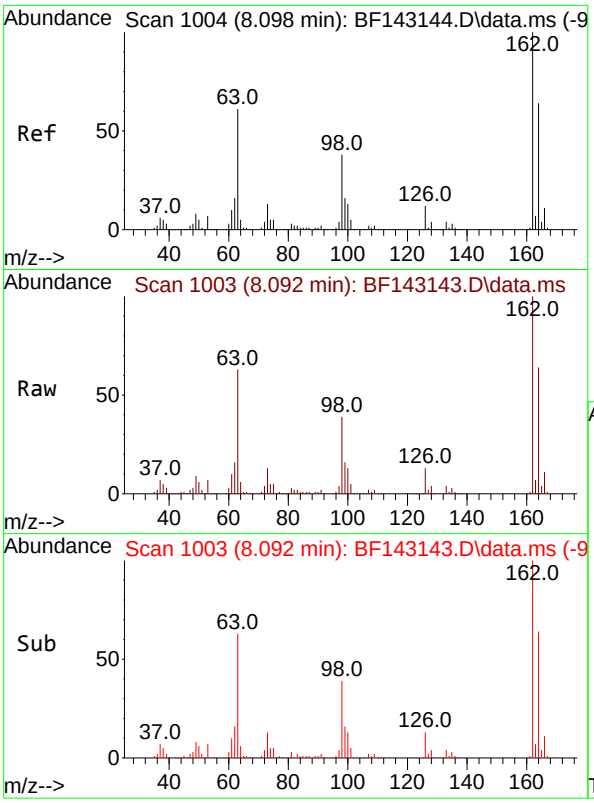


#28
bis(2-Chloroethoxy)methane
Concen: 20.811 ng
RT: 7.987 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 93 Resp: 283946

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.8	38.6
123	11.6	9.7	14.5



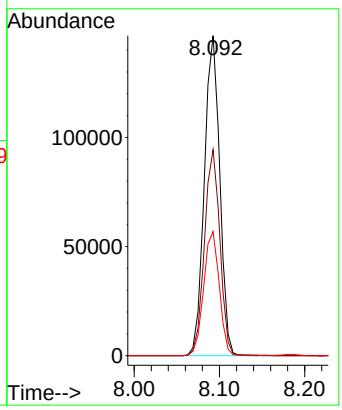


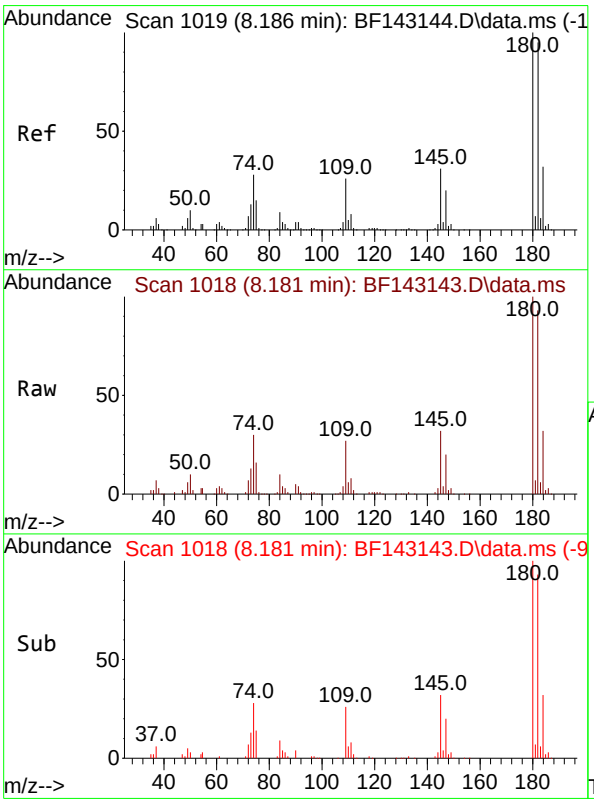
#29
2,4-Dichlorophenol
Concen: 20.569 ng
RT: 8.092 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 184432

Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.2	84.2
98	38.8	17.9	57.9

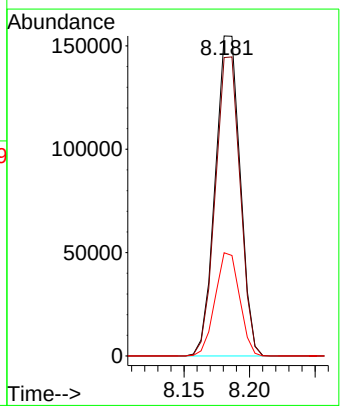


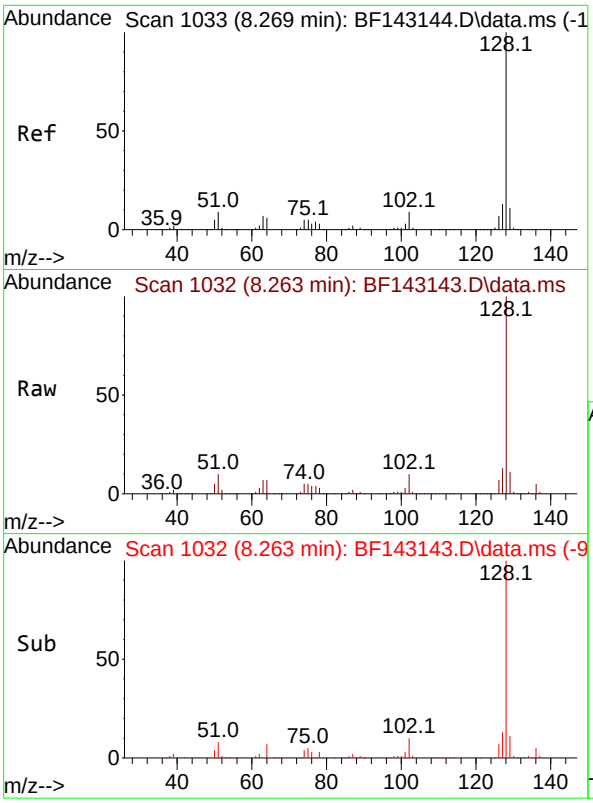


#30
1,2,4-Trichlorobenzene
Concen: 21.070 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:180 Resp: 204103

Ion	Ratio	Lower	Upper
180	100		
182	93.3	76.2	114.2
145	32.2	25.0	37.6



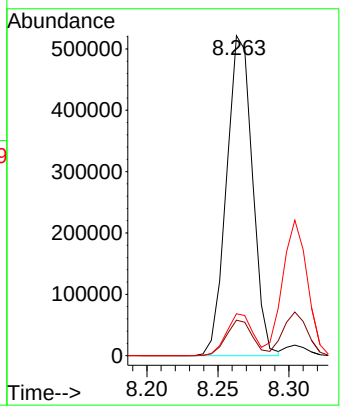


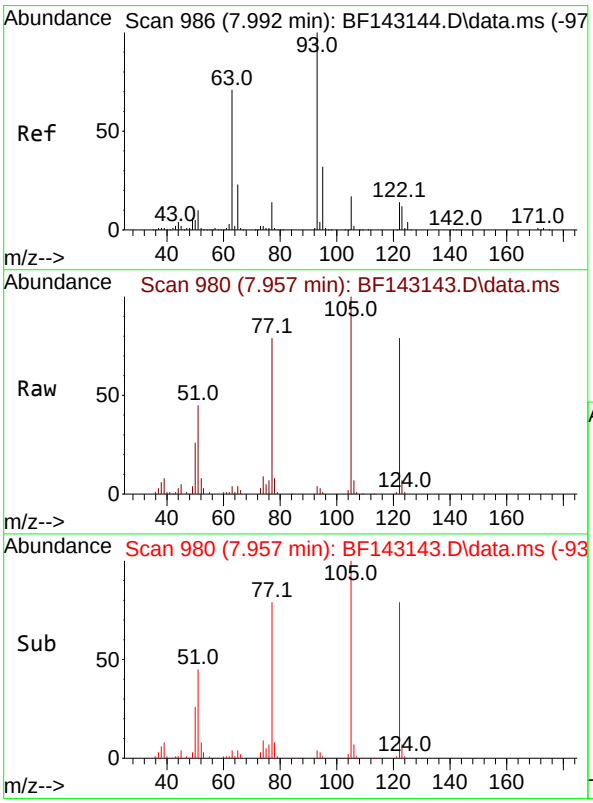
#31
Naphthalene
Concen: 20.949 ng
RT: 8.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 662968

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.1	10.6	16.0

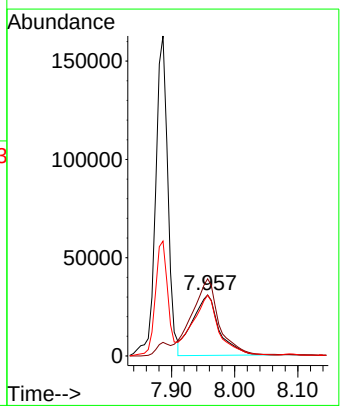


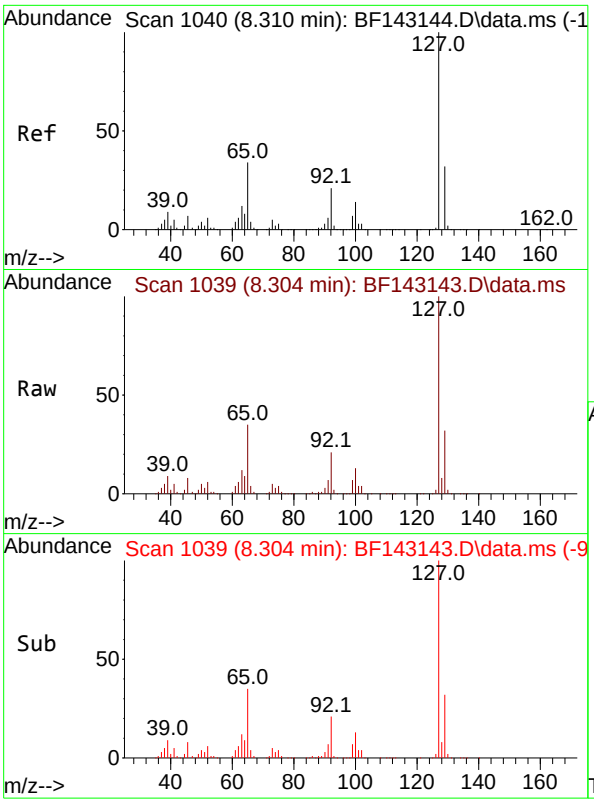


#32
Benzoic acid
Concen: 18.667 ng
RT: 7.957 min Scan# 980
Delta R.T. -0.035 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:122 Resp: 90732

Ion	Ratio	Lower	Upper
122	100		
105	126.7	104.8	144.8
77	99.7	77.6	117.6



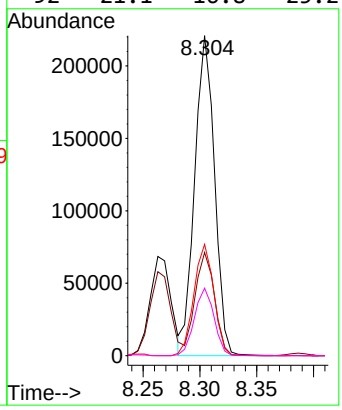


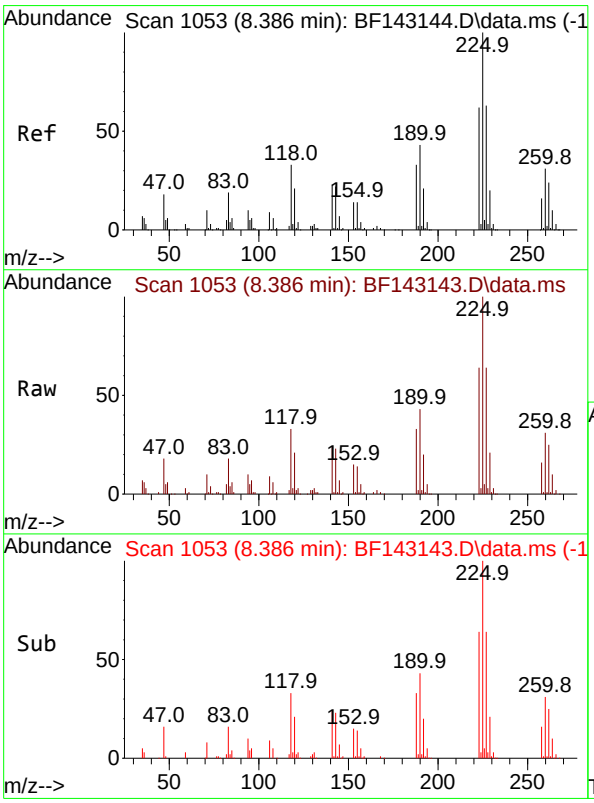
#33
4-Chloroaniline
Concen: 20.825 ng
RT: 8.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:127 Resp: 269101

Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.0	39.0
65	34.8	27.4	41.2
92	21.1	16.8	25.2

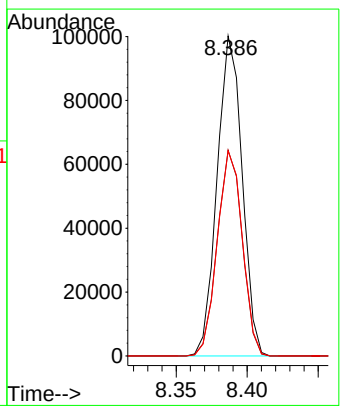


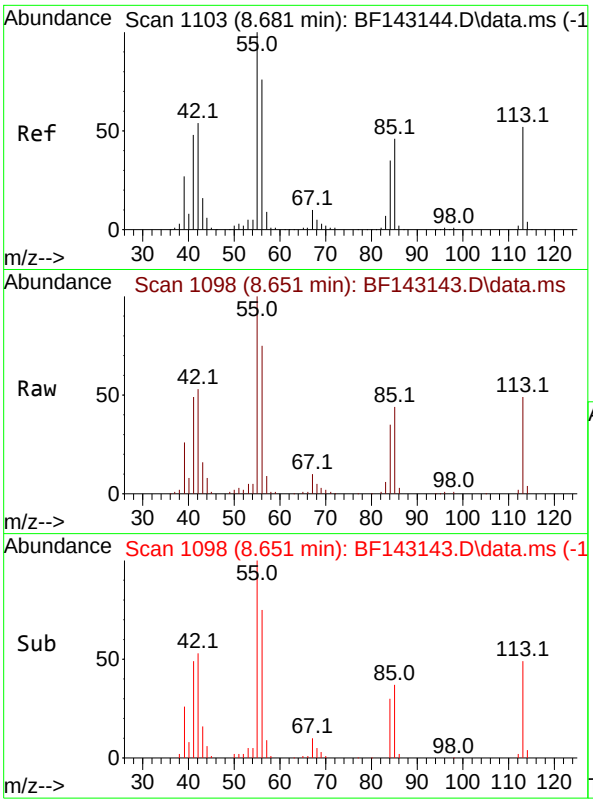


#34
Hexachlorobutadiene
Concen: 20.722 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:225 Resp: 122624

Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.8	74.6
227	64.1	50.2	75.4



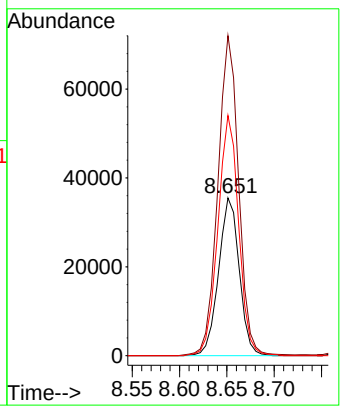


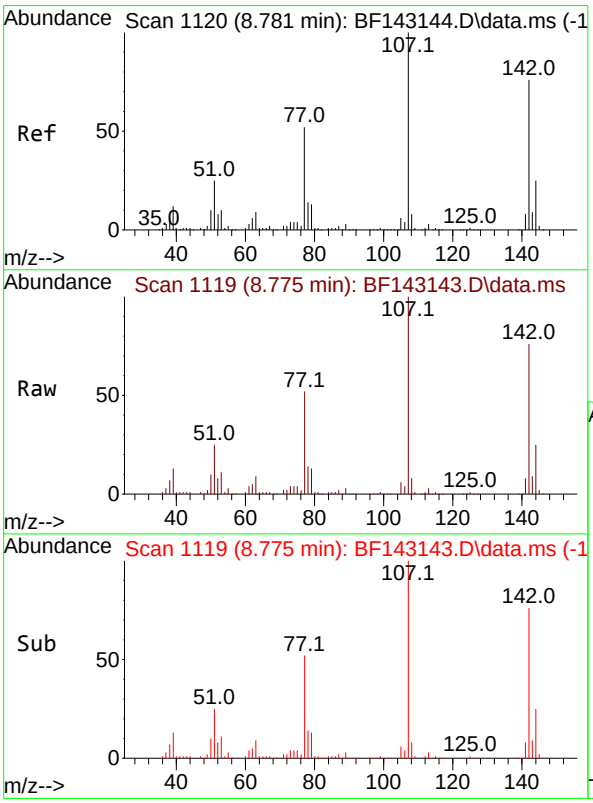
#35
Caprolactam
Concen: 19.911 ng
RT: 8.651 min Scan# 1
Delta R.T. -0.029 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 53950

Ion	Ratio	Lower	Upper
113	100		
55	202.9	174.0	214.0
56	152.2	126.6	166.6

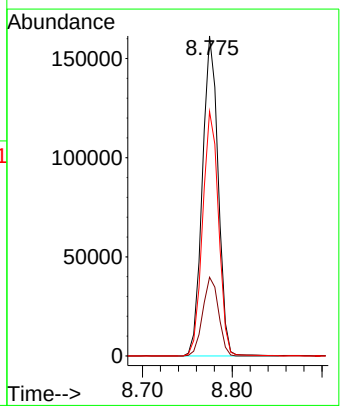


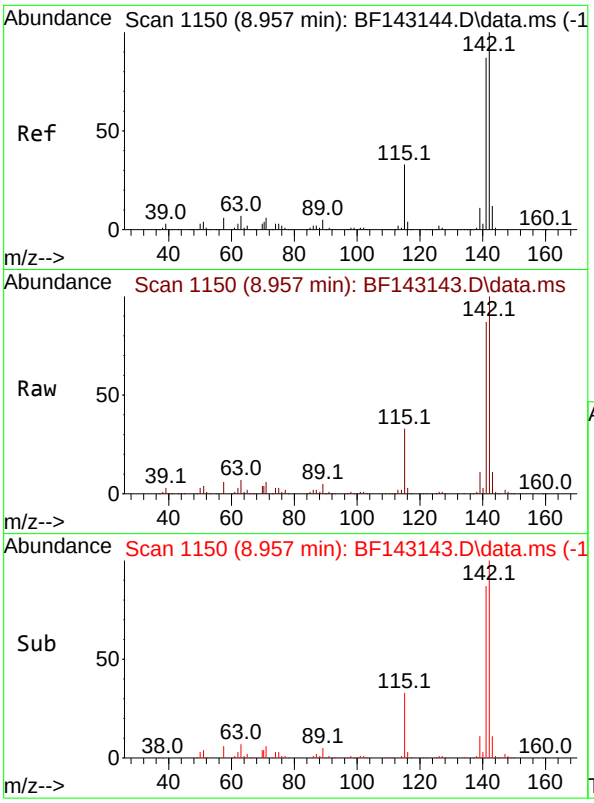


#36
4-Chloro-3-methylphenol
Concen: 20.246 ng
RT: 8.775 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:107 Resp: 197317

Ion	Ratio	Lower	Upper
107	100		
144	24.6	19.8	29.6
142	76.4	60.6	90.8



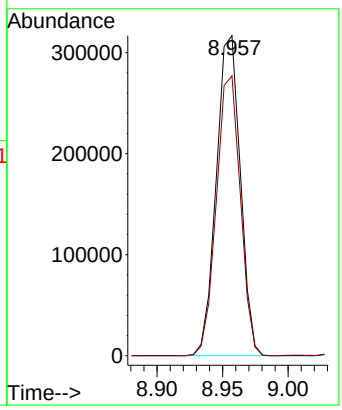


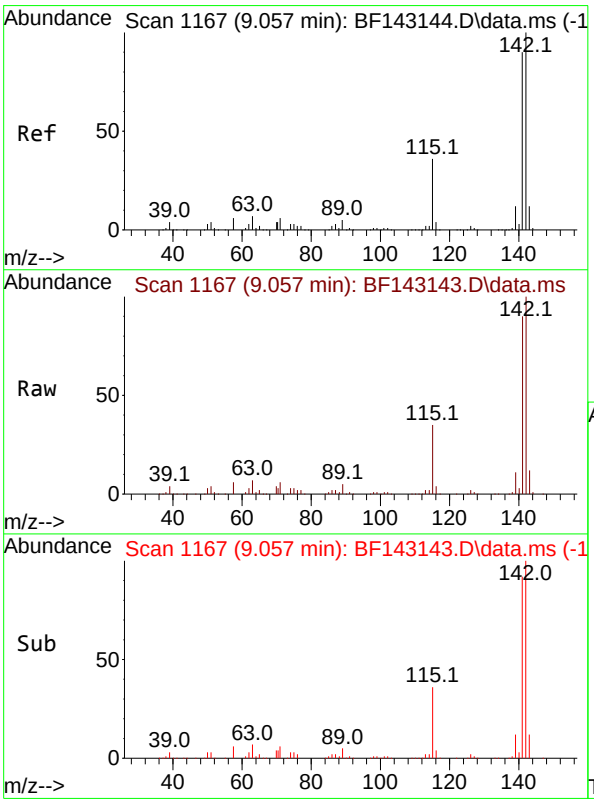
#37
2-Methylnaphthalene
Concen: 20.943 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 403298

Ion	Ratio	Lower	Upper
142	100		
141	87.5	69.9	104.9

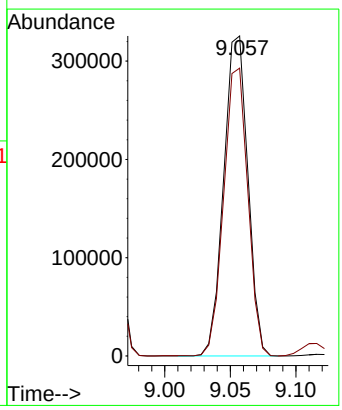


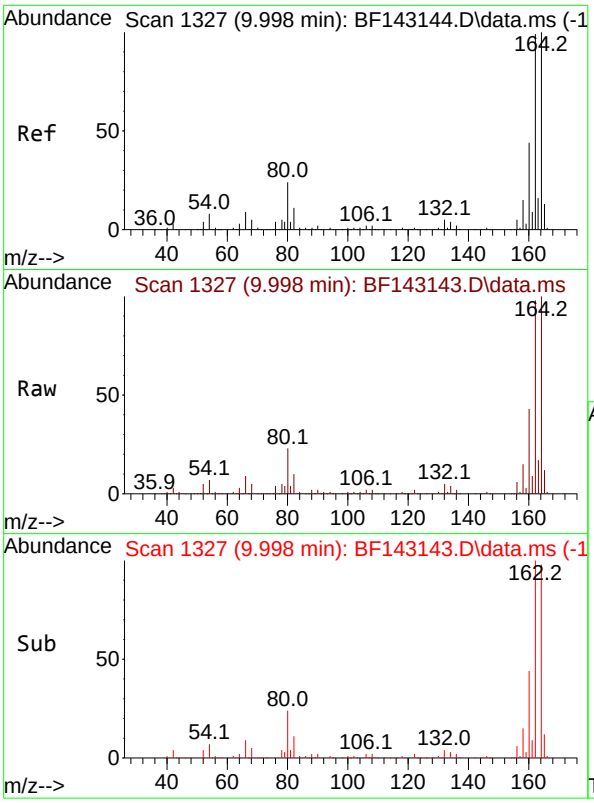


#38
1-Methylnaphthalene
Concen: 21.060 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:142 Resp: 417629

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.3	108.5



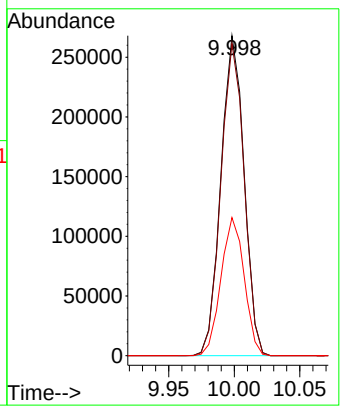


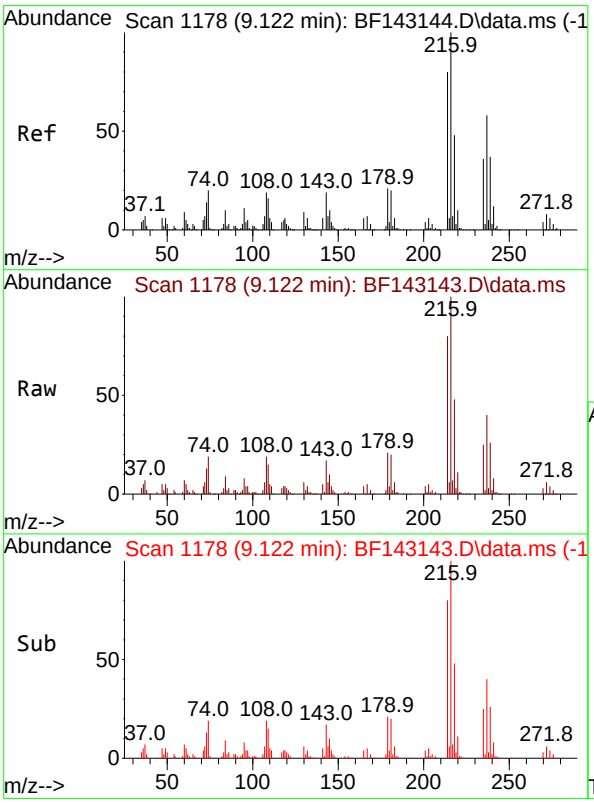
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:164 Resp: 329670

Ion	Ratio	Lower	Upper
164	100		
162	97.5	79.0	118.6
160	43.2	35.1	52.7

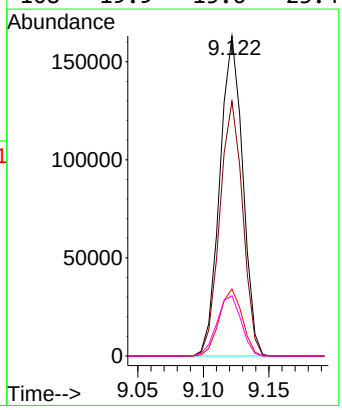


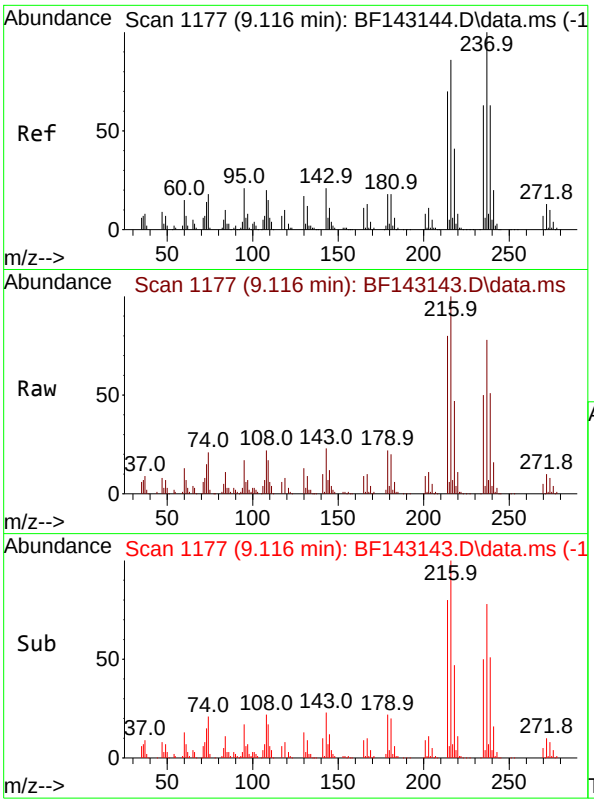


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.804 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:216 Resp: 198009

Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.8	95.8
179	21.0	16.4	24.6
108	19.9	15.6	23.4



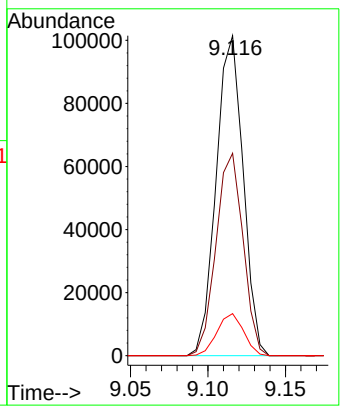


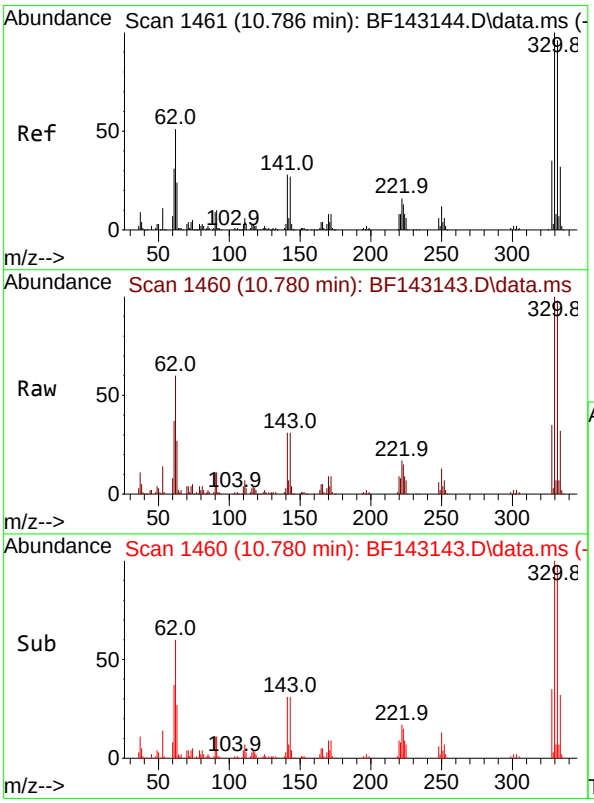
#41
Hexachlorocyclopentadiene
Concen: 19.848 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 122922

Ion	Ratio	Lower	Upper
237	100		
235	63.2	43.0	83.0
272	13.2	0.0	33.3

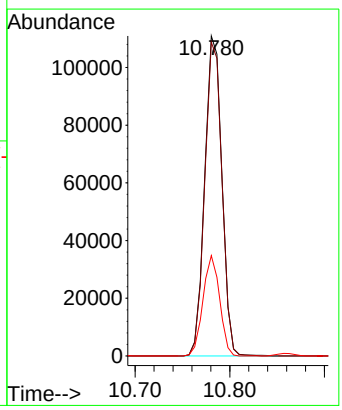


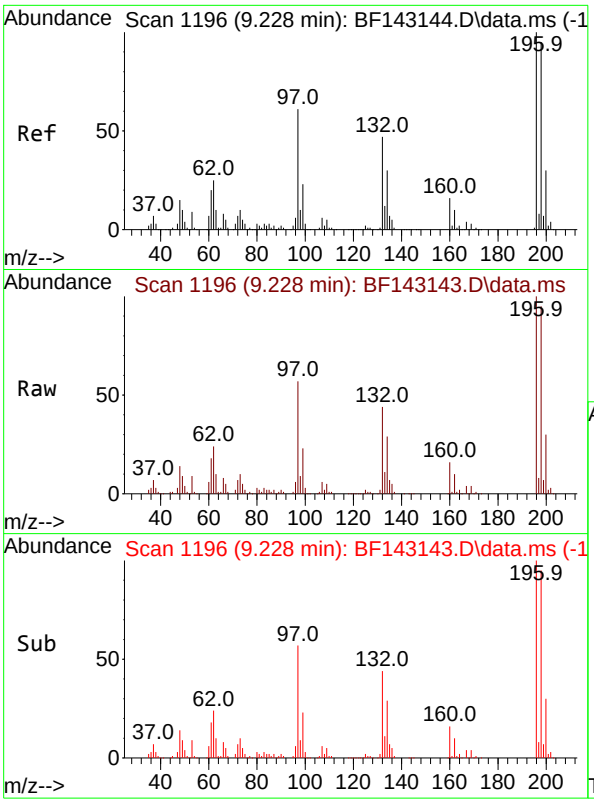


#42
2,4,6-Tribromophenol
Concen: 41.034 ng
RT: 10.780 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:330 Resp: 139748

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.7	115.1
141	30.4	23.3	34.9



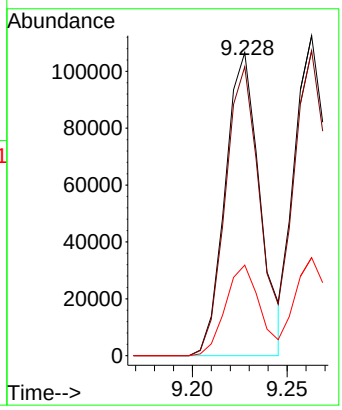


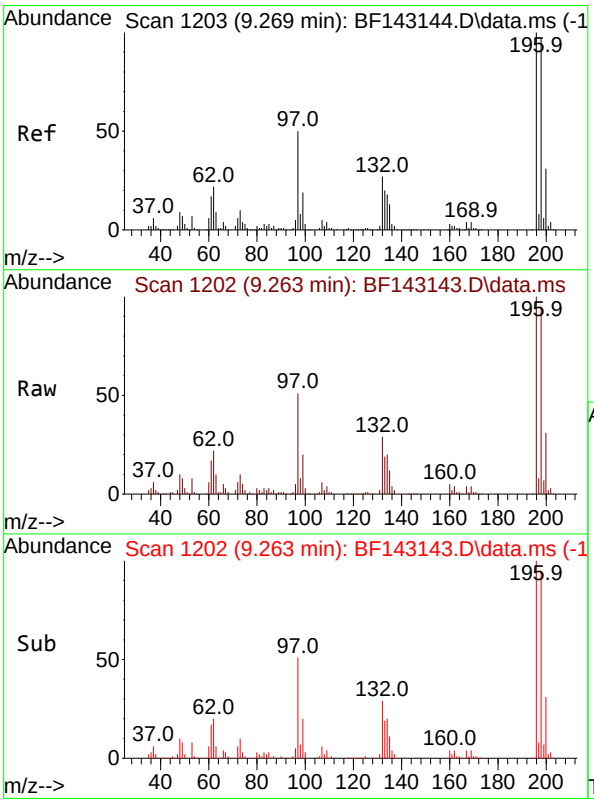
#43
2,4,6-Trichlorophenol
Concen: 20.601 ng
RT: 9.228 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:196 Resp: 135703

Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.2	114.2
200	29.9	23.9	35.9

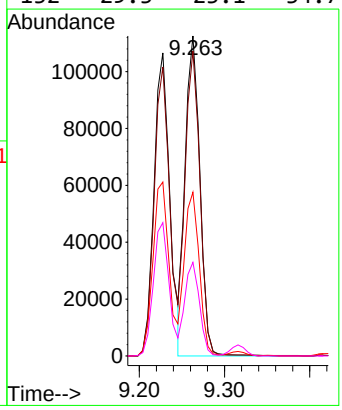


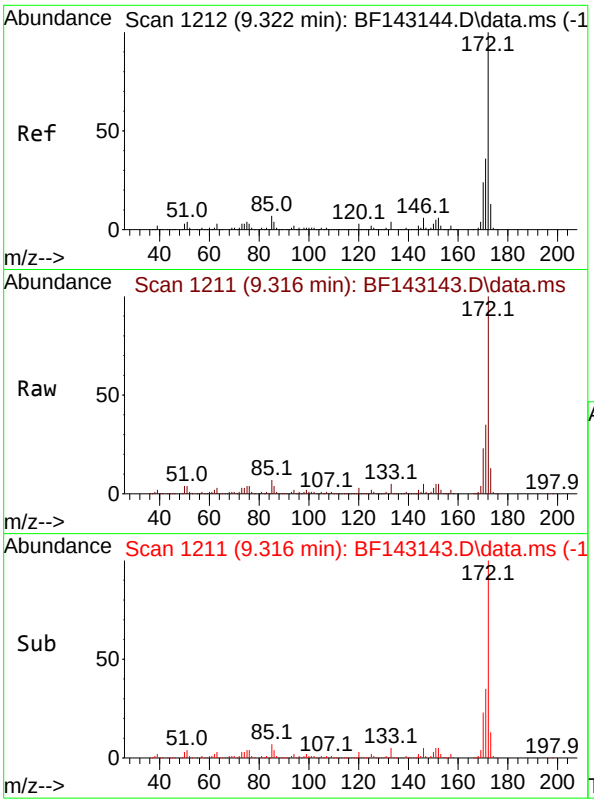


#44
2,4,5-Trichlorophenol
Concen: 20.584 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:196 Resp: 135634

Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.3	115.9
97	51.2	40.3	60.5
132	29.3	23.1	34.7



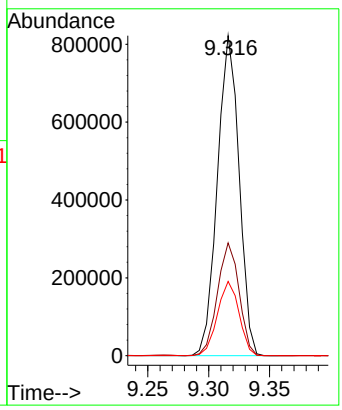


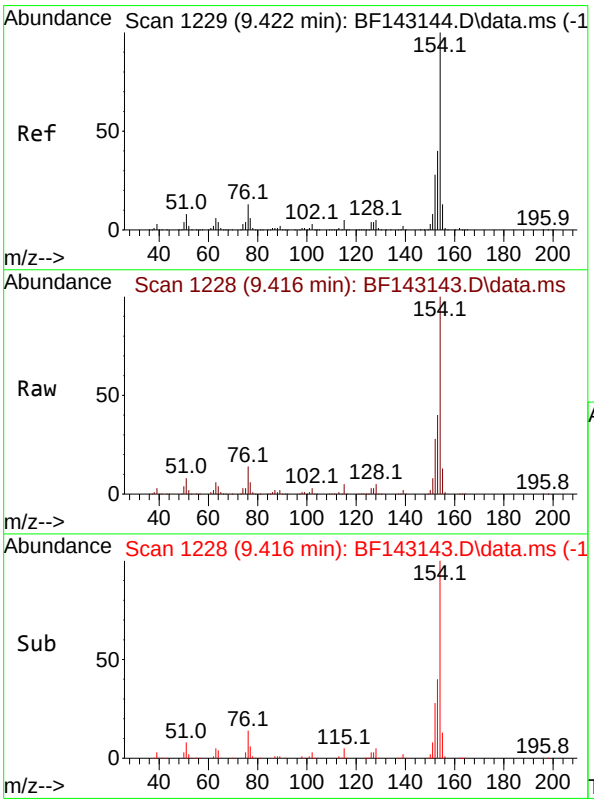
#45
2-Fluorobiphenyl
Concen: 42.301 ng
RT: 9.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:172 Resp: 1019688

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	23.2	18.8	28.2

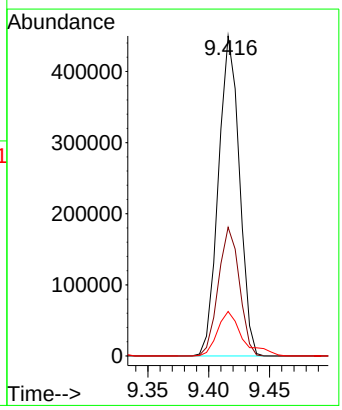


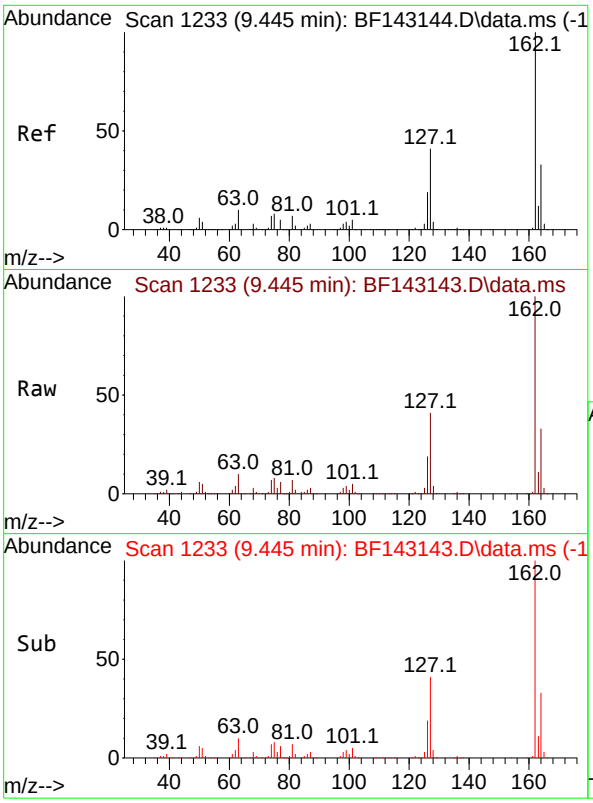


#46
1,1'-Biphenyl
Concen: 21.019 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:154 Resp: 540637

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.3	60.3
76	13.9	0.0	33.3



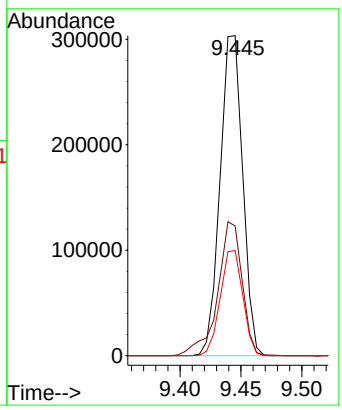


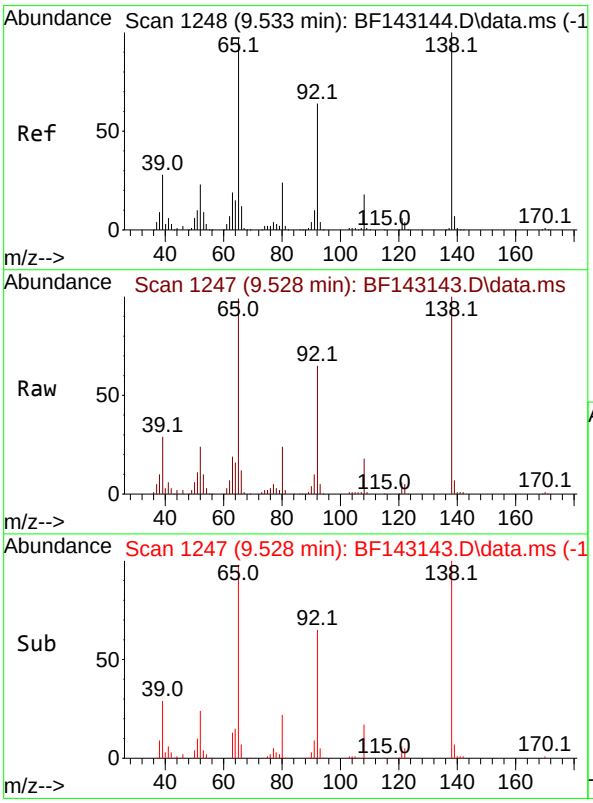
#47
2-Chloronaphthalene
Concen: 20.650 ng
RT: 9.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 393002

Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.4	50.2
164	32.9	26.2	39.2

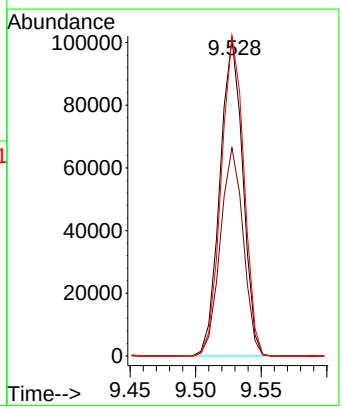


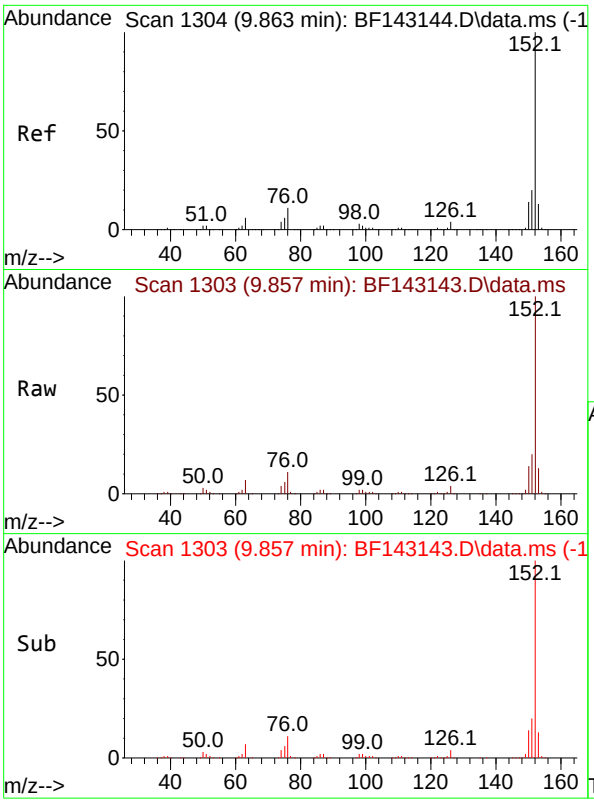


#48
2-Nitroaniline
Concen: 20.528 ng
RT: 9.528 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 65 Resp: 122517

Ion	Ratio	Lower	Upper
65	100		
92	65.6	52.4	78.6
138	100.8	82.3	123.5



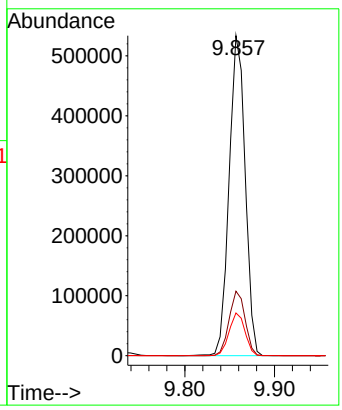


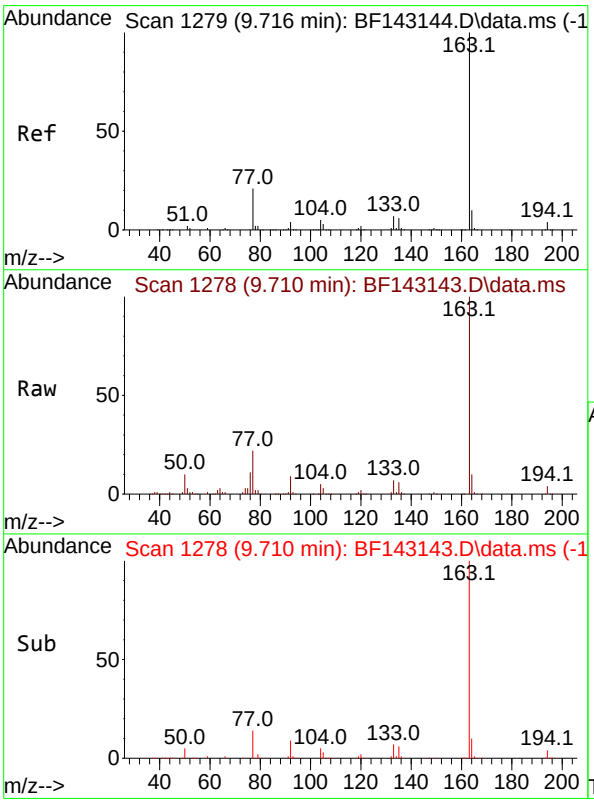
#49
Acenaphthylene
Concen: 20.789 ng
RT: 9.857 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 663048

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.3	10.6	16.0

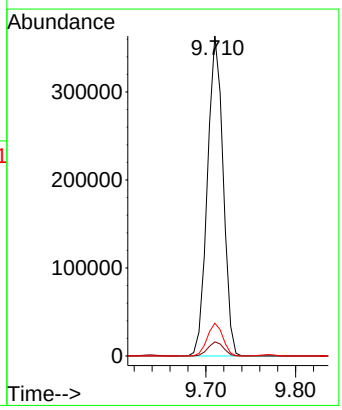


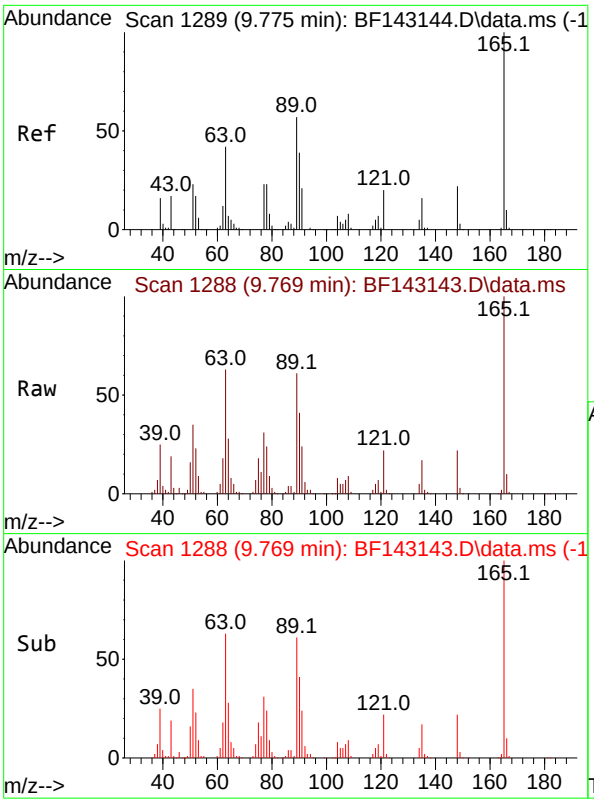


#50
Dimethylphthalate
Concen: 20.558 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:163 Resp: 441768

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.3	8.3	12.5



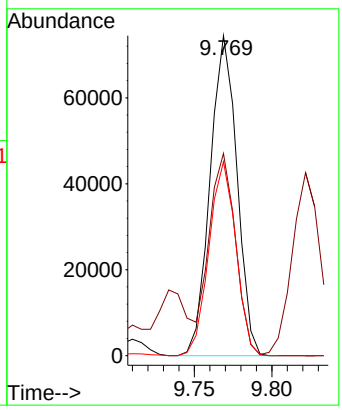


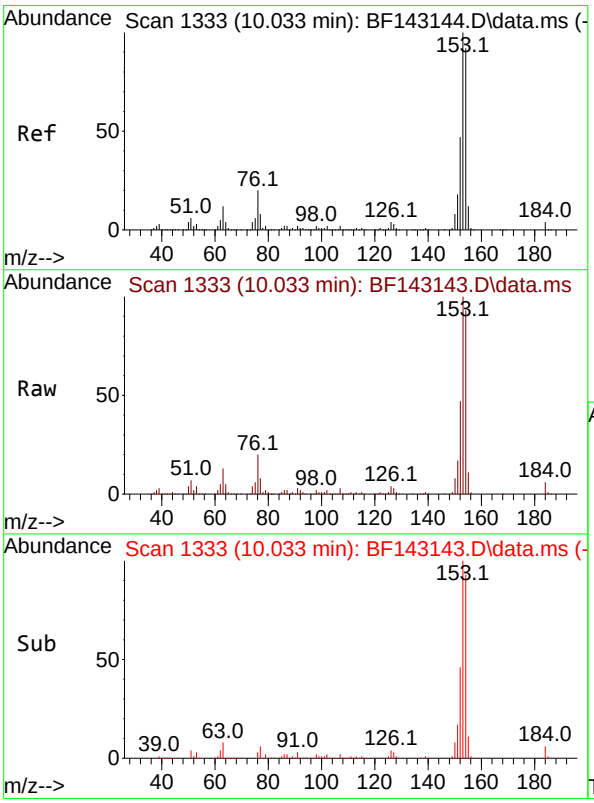
#51
2,6-Dinitrotoluene
Concen: 20.529 ng
RT: 9.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 89742

Ion	Ratio	Lower	Upper
165	100		
63	63.2	49.4	74.2
89	60.6	46.2	69.2

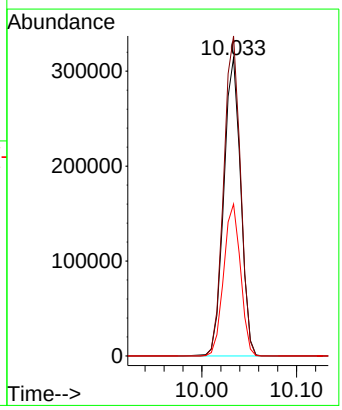


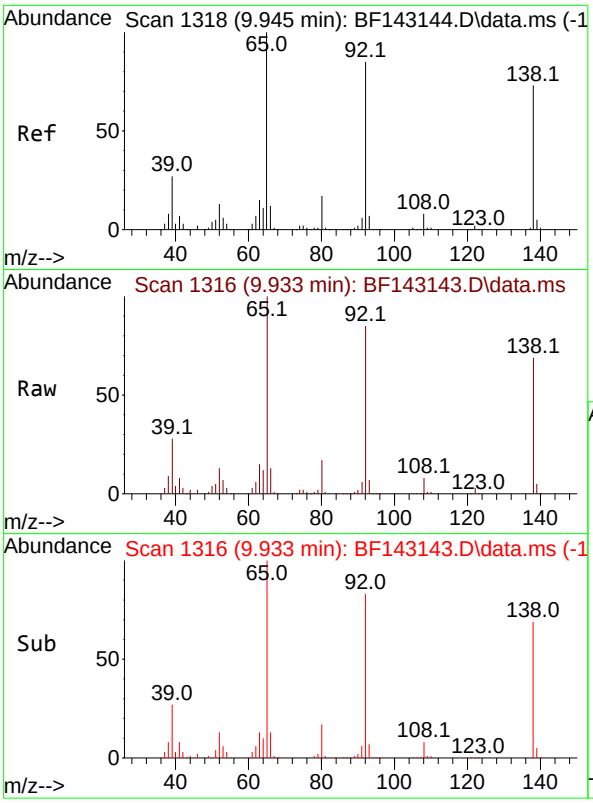


#52
Acenaphthene
Concen: 20.702 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:154 Resp: 390249

Ion	Ratio	Lower	Upper
154	100		
153	107.3	86.6	129.8
152	50.9	40.4	60.6



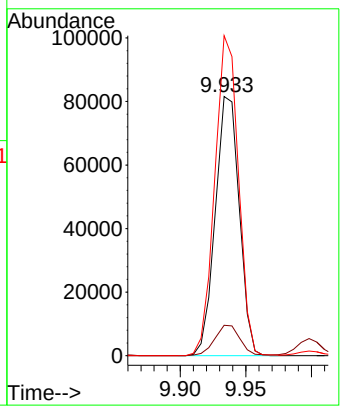


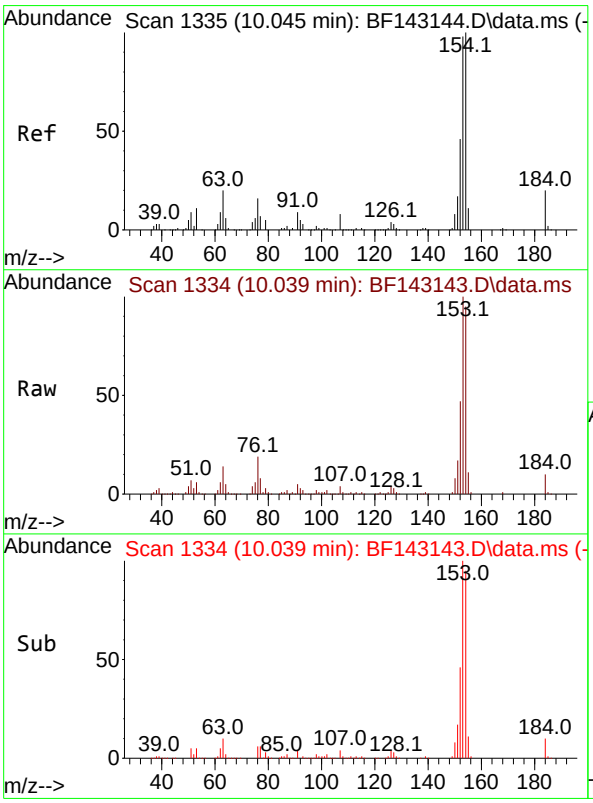
#53
3-Nitroaniline
Concen: 20.314 ng
RT: 9.933 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 103870

Ion	Ratio	Lower	Upper
138	100		
108	11.7	9.0	13.6
92	123.4	93.0	139.4

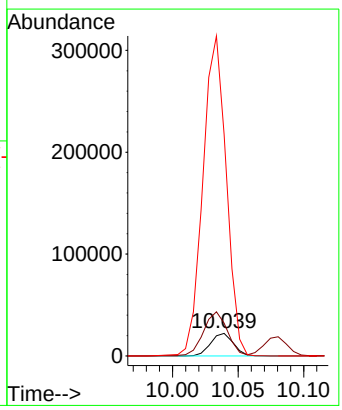


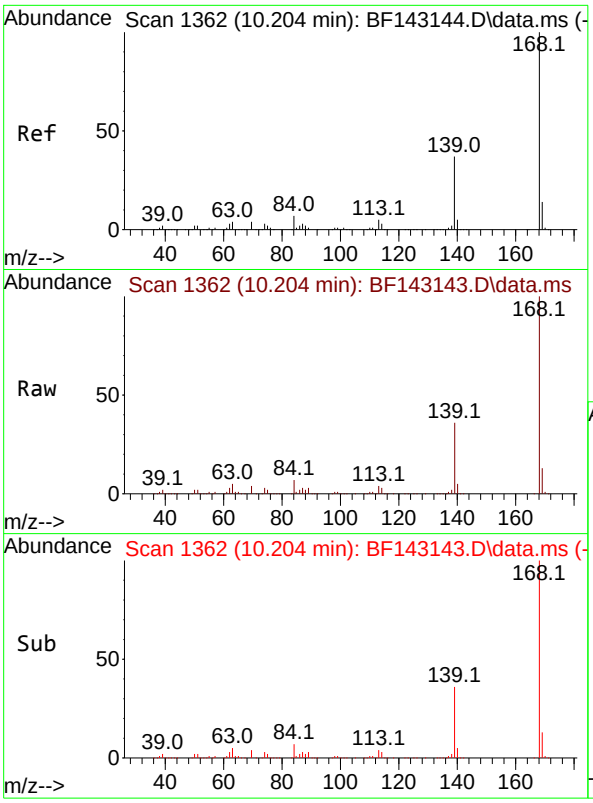


#54
2,4-Dinitrophenol
Concen: 19.073 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:184 Resp: 26820

Ion	Ratio	Lower	Upper
184	100		
63	145.3	81.8	122.6#
154	980.0	412.2	618.4#



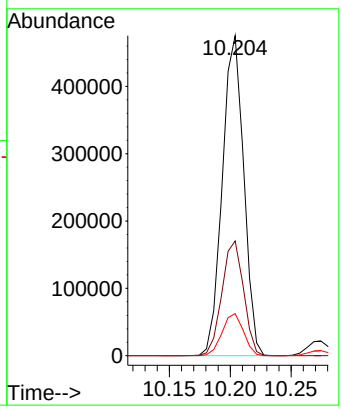


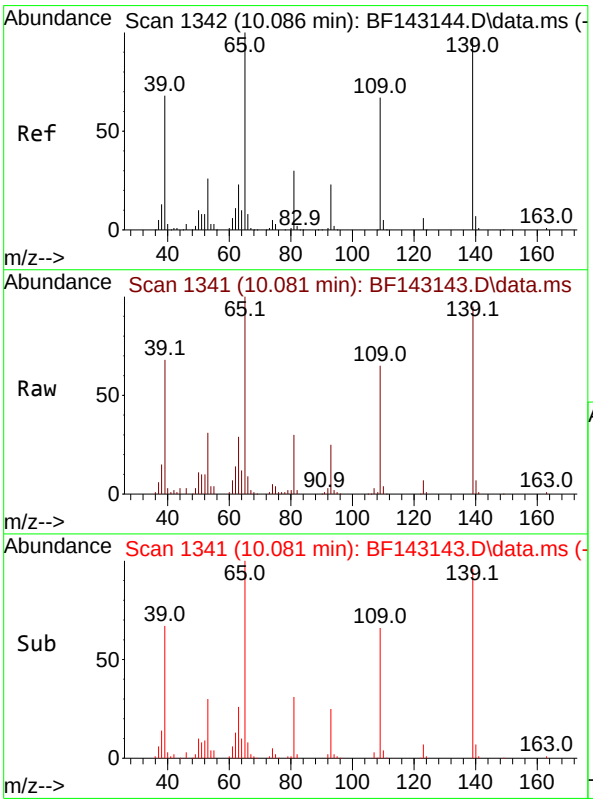
#55
Dibenzofuran
Concen: 20.806 ng
RT: 10.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:168 Resp: 582320

Ion	Ratio	Lower	Upper
168	100		
139	35.9	29.5	44.3
169	13.1	10.9	16.3

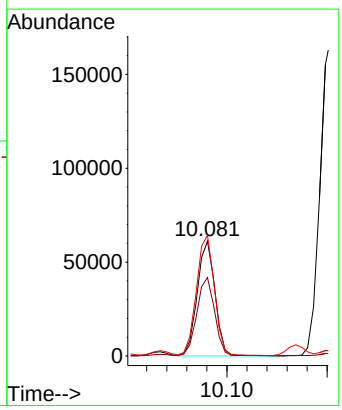


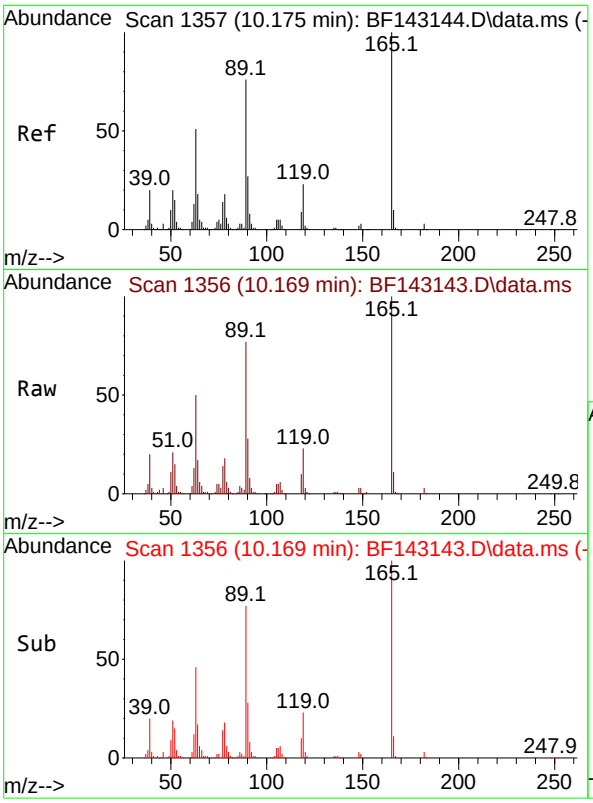


#56
4-Nitrophenol
Concen: 19.715 ng
RT: 10.081 min Scan# 1341
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:139 Resp: 75275

Ion	Ratio	Lower	Upper
139	100		
109	68.3	48.5	88.5
65	105.1	83.4	123.4



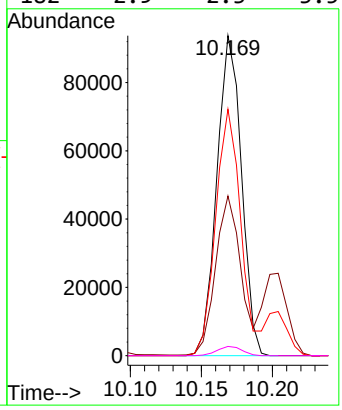


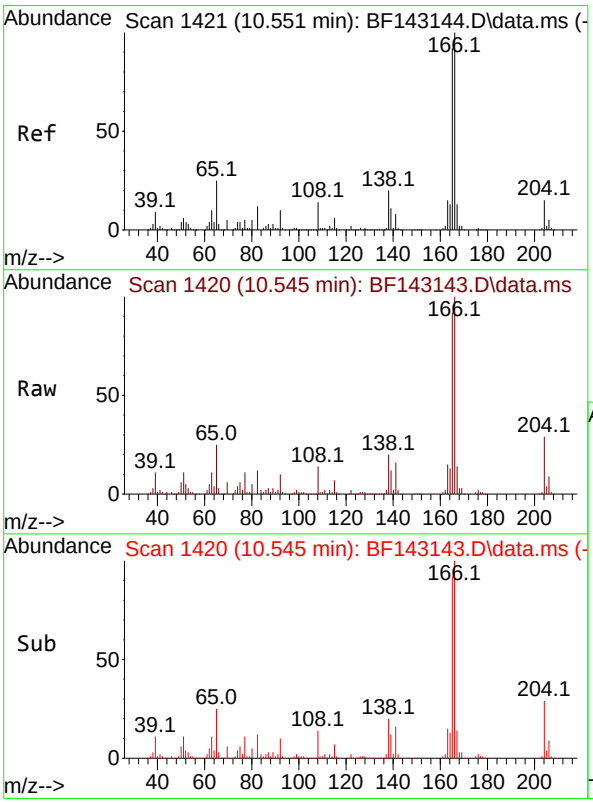
#57
2,4-Dinitrotoluene
Concen: 20.577 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 112851

Ion	Ratio	Lower	Upper
165	100		
63	49.9	41.0	61.4
89	77.0	61.1	91.7
182	2.9	2.3	3.5

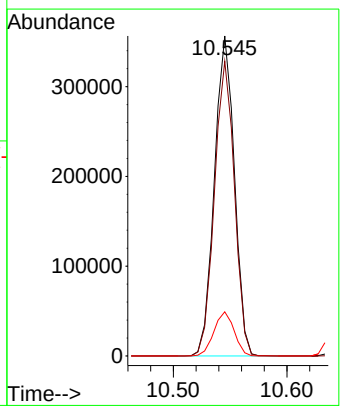


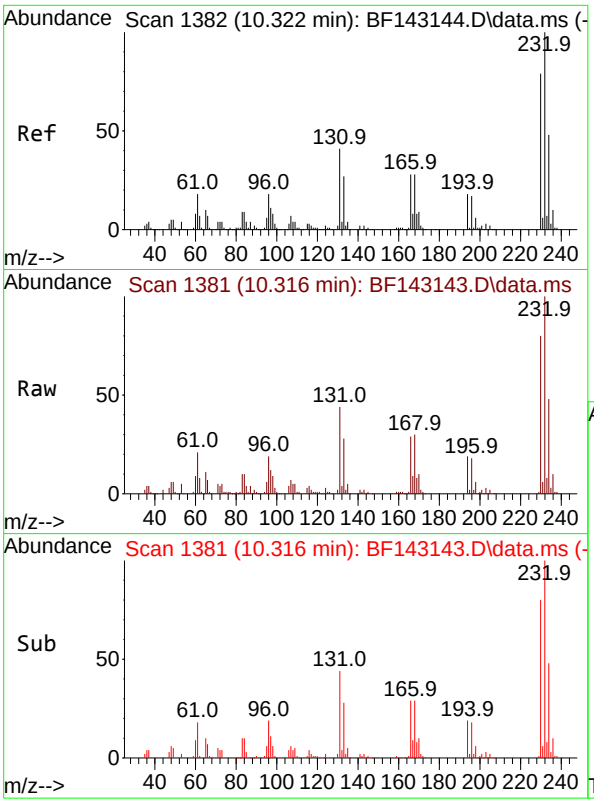


#58
Fluorene
Concen: 20.750 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:166 Resp: 435866

Ion	Ratio	Lower	Upper
166	100		
165	92.1	73.7	110.5
167	13.8	10.6	16.0



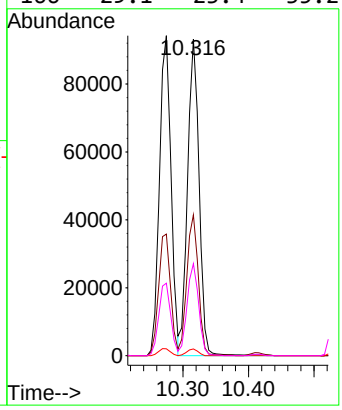


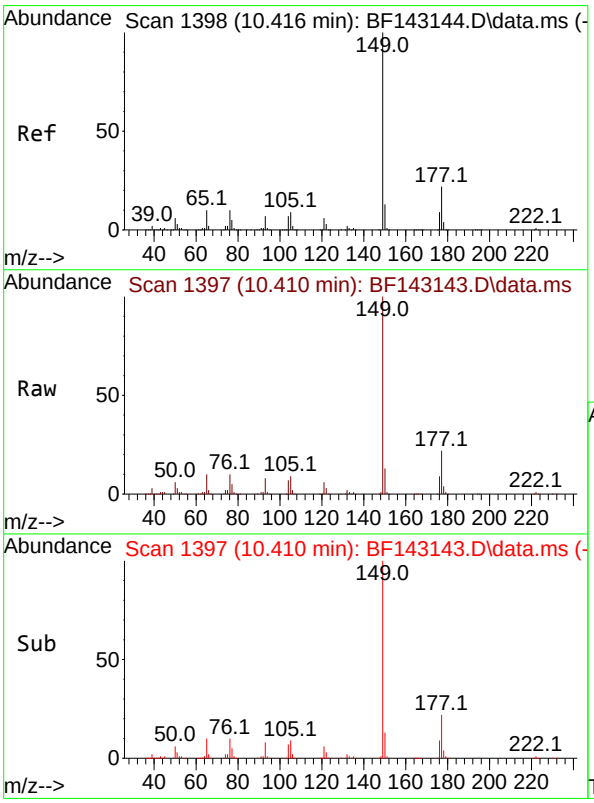
#59
2,3,4,6-Tetrachlorophenol
Concen: 20.859 ng
RT: 10.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:232 Resp: 113851

Ion	Ratio	Lower	Upper
232	100		
131	44.3	35.3	52.9
130	2.1	1.7	2.5
166	29.1	23.4	35.2

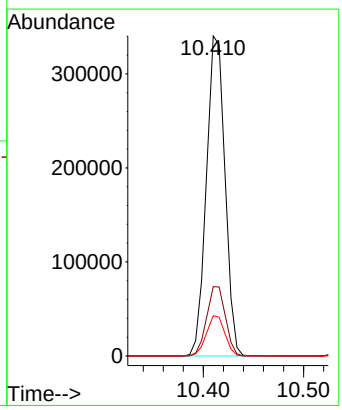


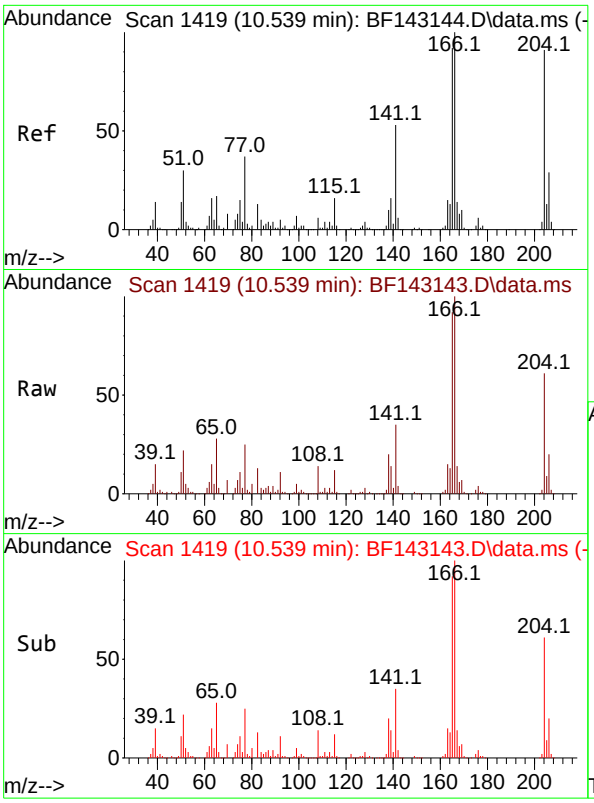


#60
Diethylphthalate
Concen: 20.719 ng
RT: 10.410 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:149 Resp: 440058

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.5	26.3
150	12.5	10.2	15.2



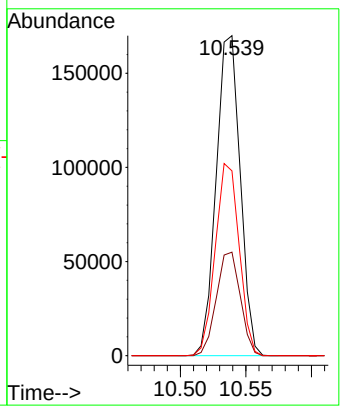


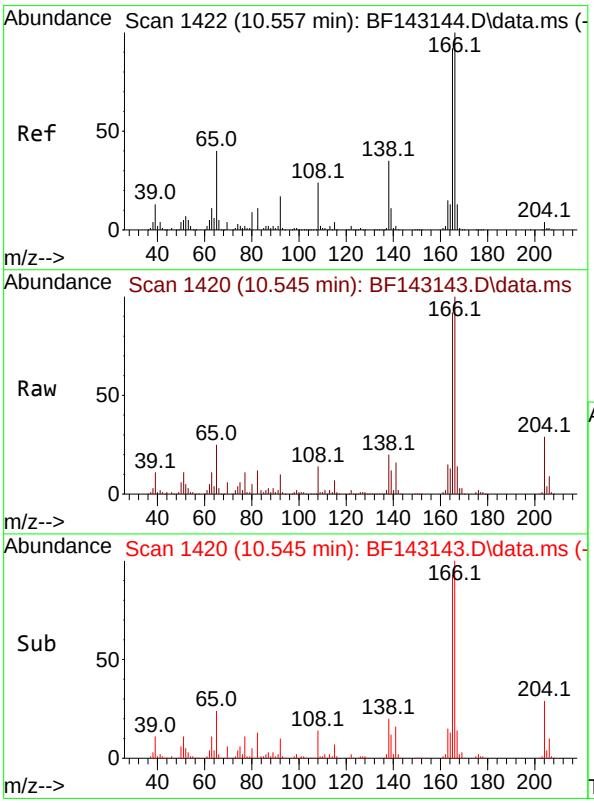
#61
4-Chlorophenyl-phenylether
Concen: 20.699 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 216496

Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.8	38.8
141	57.8	47.0	70.4

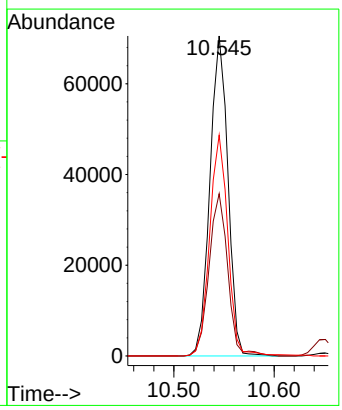


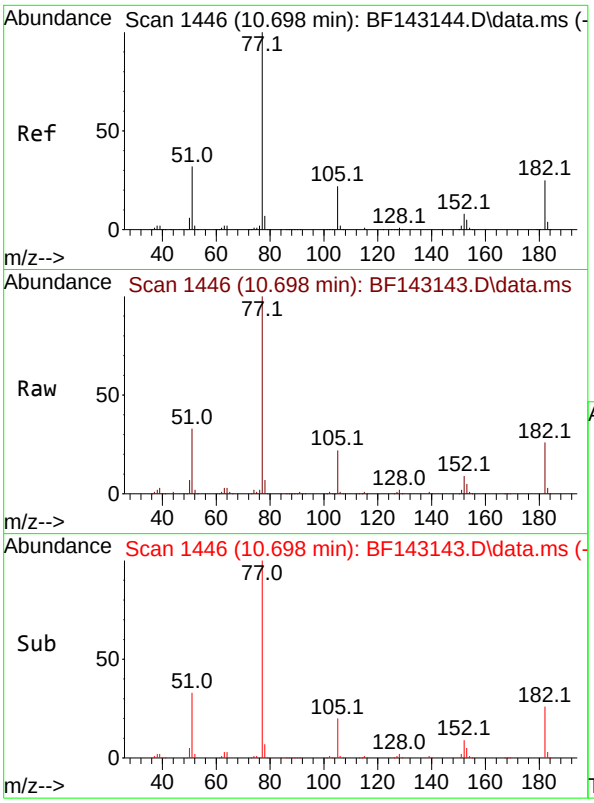


#62
4-Nitroaniline
Concen: 20.005 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:138 Resp: 87666

Ion	Ratio	Lower	Upper
138	100		
92	50.7	29.3	69.3
108	69.0	48.3	88.3



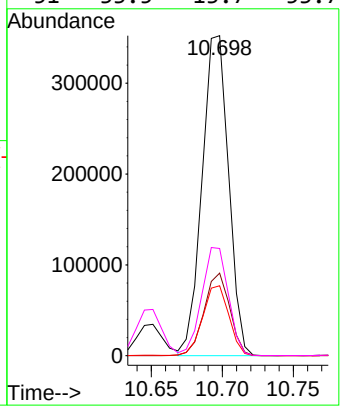


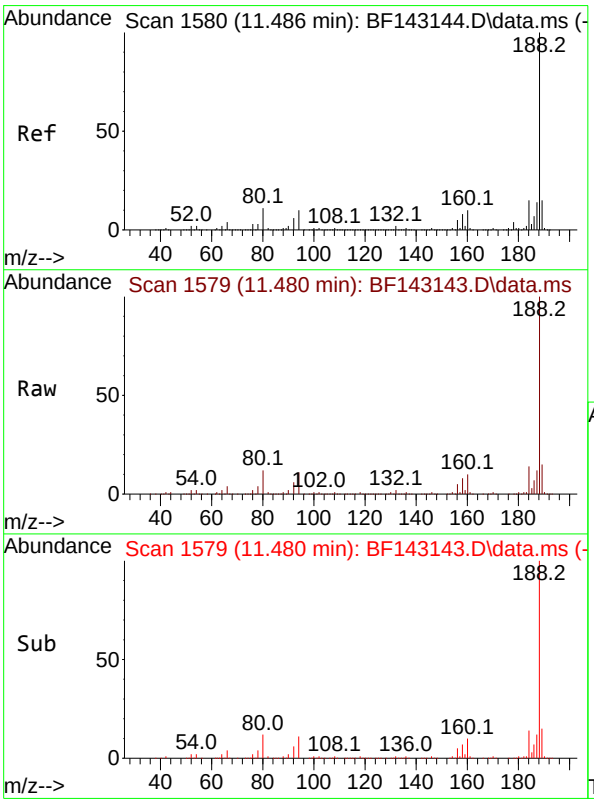
#63
Azobenzene
Concen: 20.690 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 458013

Ion	Ratio	Lower	Upper
77	100		
182	25.8	4.6	44.6
105	21.8	1.4	41.4
51	33.5	13.7	53.7

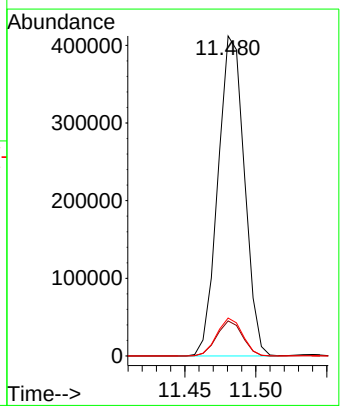


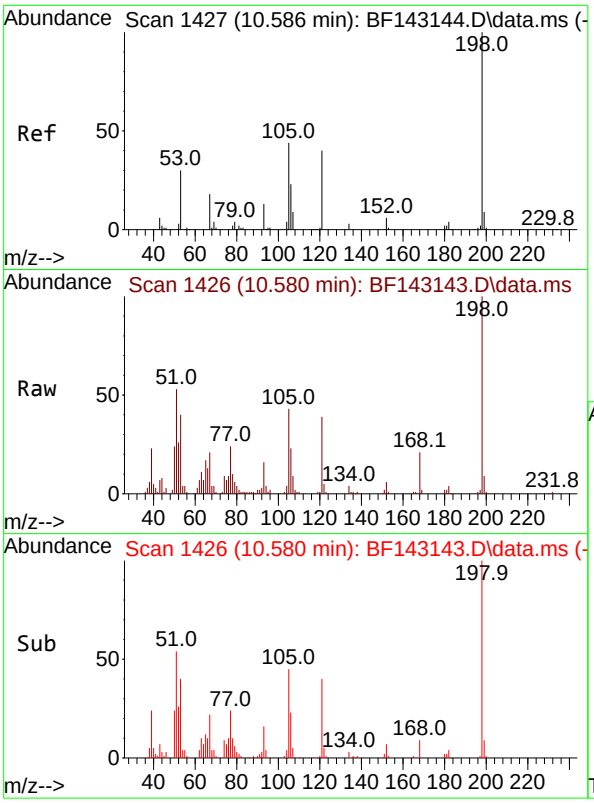


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:188 Resp: 532921

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.3	12.5
80	11.9	9.0	13.6



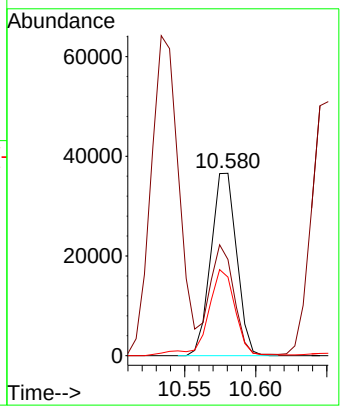


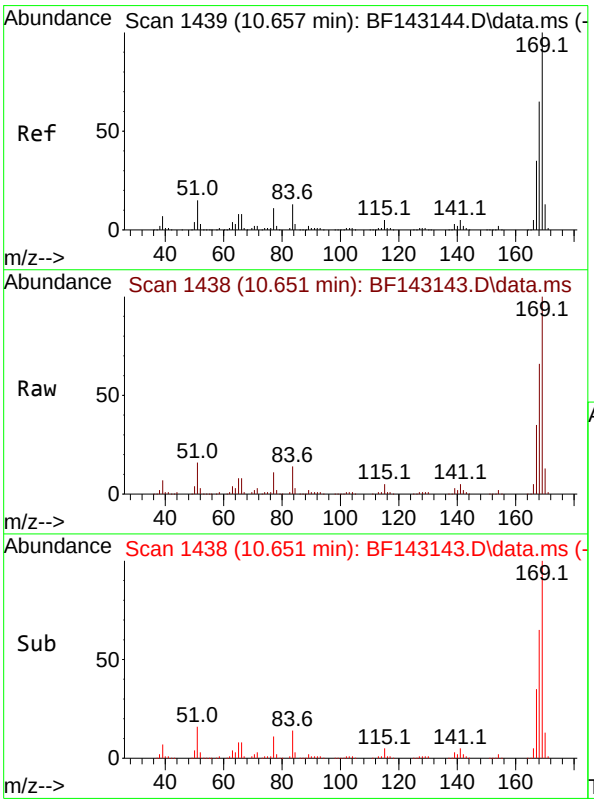
#65
4,6-Dinitro-2-methylphenol
Concen: 20.060 ng
RT: 10.580 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 46122

Ion	Ratio	Lower	Upper
198	100		
51	52.7	37.2	77.2
105	43.1	24.8	64.8

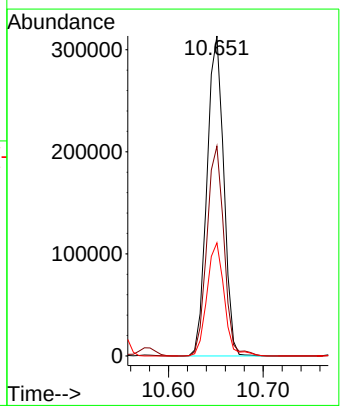


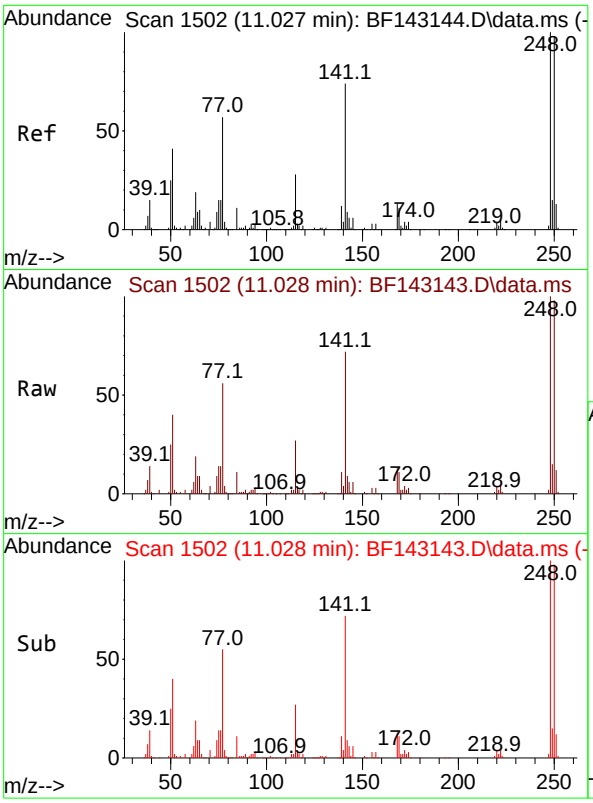


#66
n-Nitrosodiphenylamine
Concen: 20.488 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:169 Resp: 384467

Ion	Ratio	Lower	Upper
169	100		
168	65.6	52.1	78.1
167	35.4	28.2	42.2



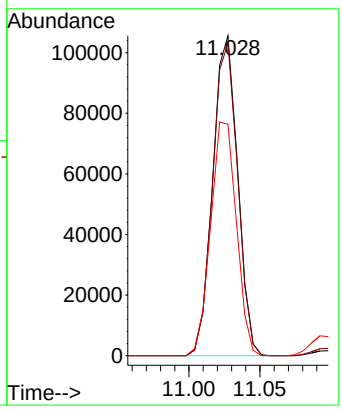


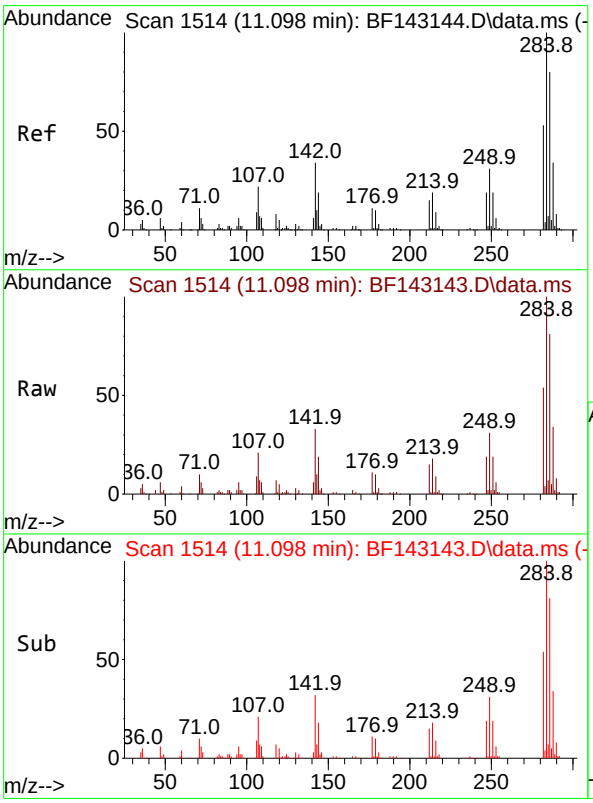
#67
4-Bromophenyl-phenylether
Concen: 20.259 ng
RT: 11.028 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 128663

Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.3	117.5
141	72.3	59.2	88.8

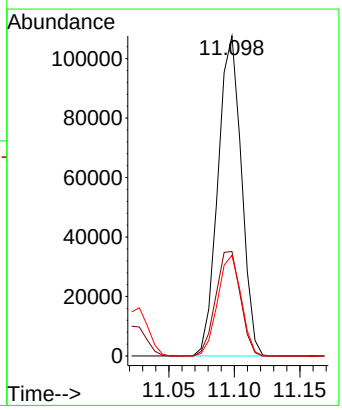


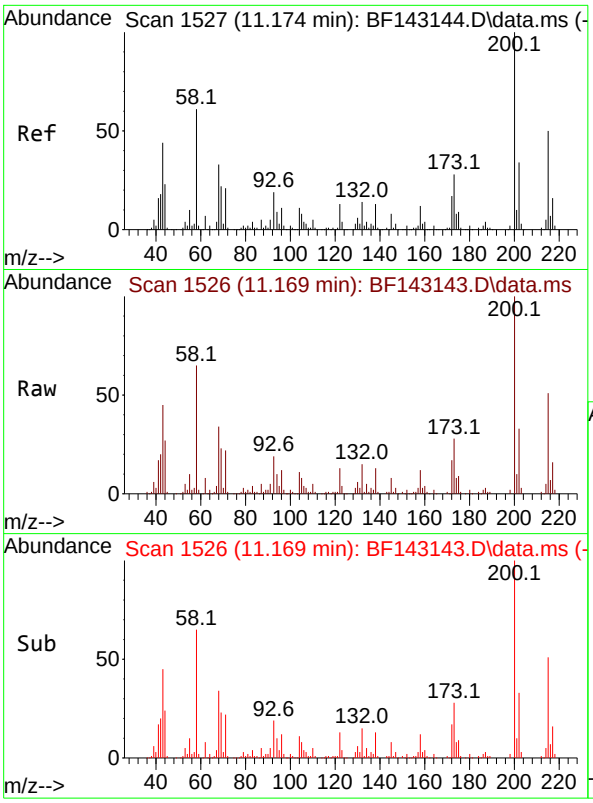


#68
Hexachlorobenzene
Concen: 20.191 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:284 Resp: 134031

Ion	Ratio	Lower	Upper
284	100		
142	32.7	27.0	40.6
249	31.5	25.0	37.6



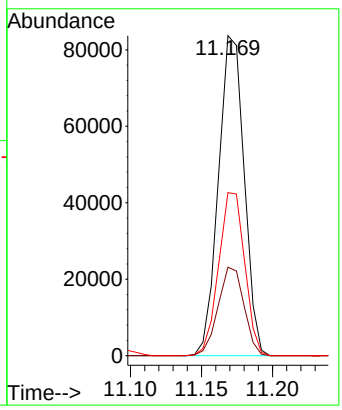


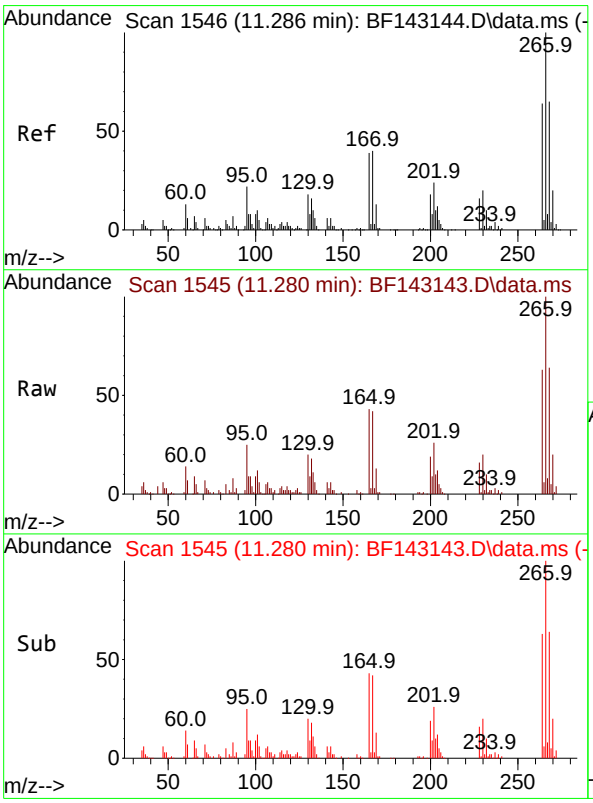
#69
Atrazine
Concen: 20.370 ng
RT: 11.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:200 Resp: 105386

Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.9	47.9
215	51.0	30.1	70.1

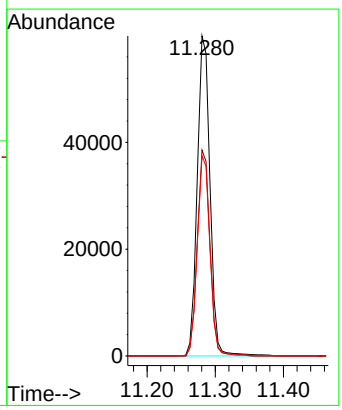


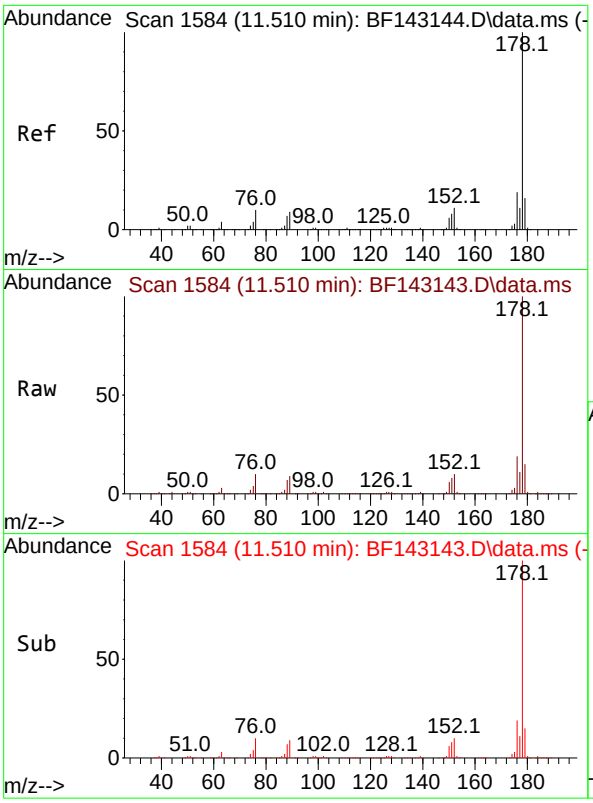


#70
Pentachlorophenol
Concen: 19.957 ng
RT: 11.280 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:266 Resp: 77906

Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.9	77.9
264	62.6	51.0	76.6



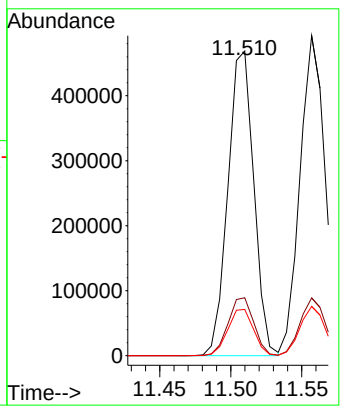


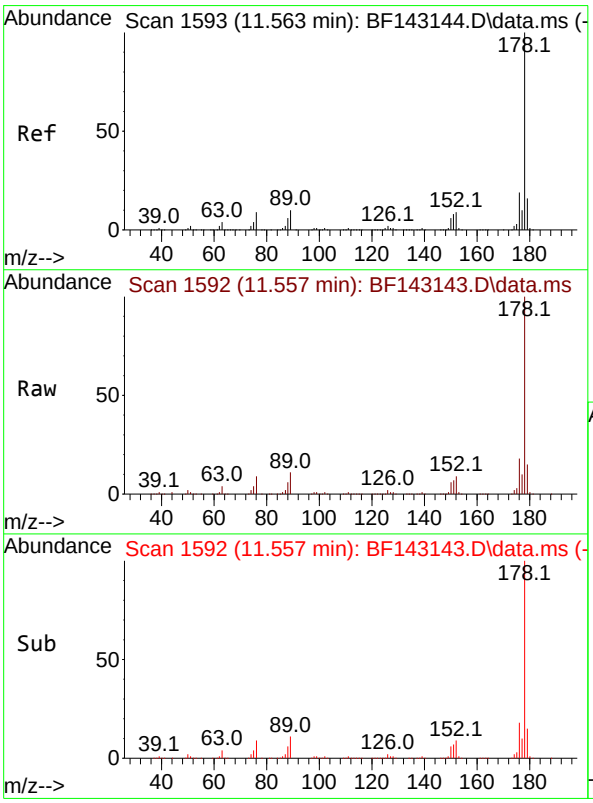
#71
Phenanthrene
Concen: 21.042 ng
RT: 11.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 595411

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.2	12.5	18.7

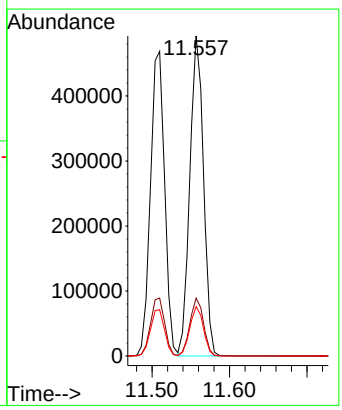


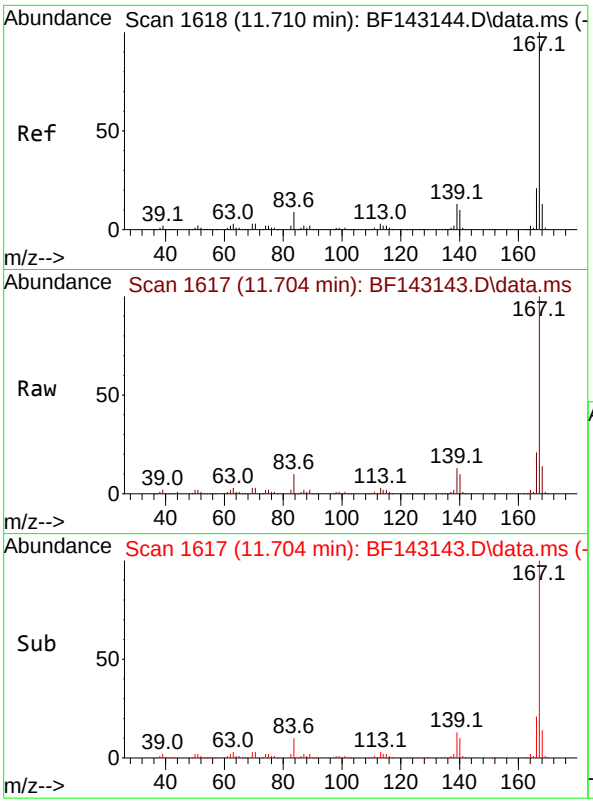


#72
Anthracene
Concen: 20.944 ng
RT: 11.557 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:178 Resp: 604416

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.0	22.4
179	15.4	12.5	18.7



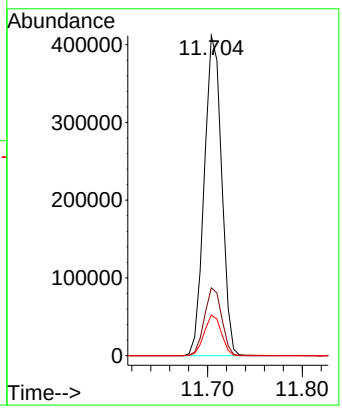


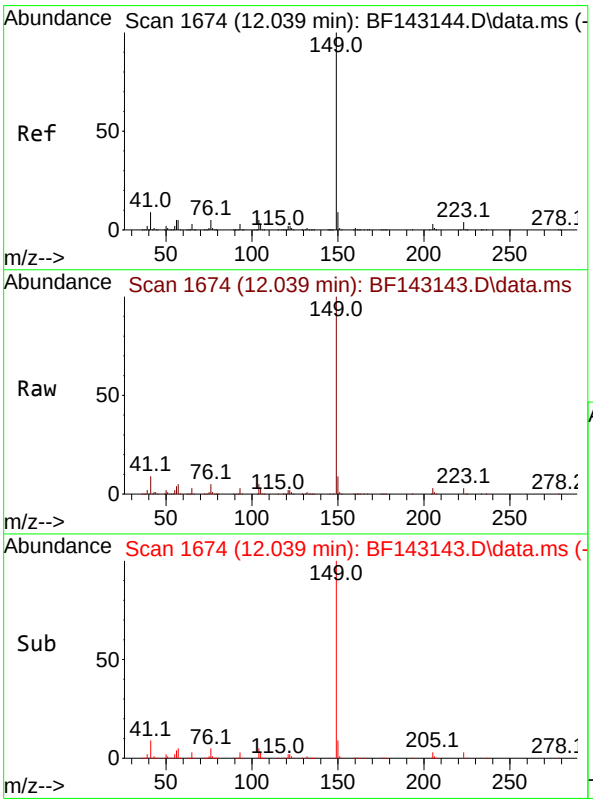
#73
Carbazole
Concen: 20.769 ng
RT: 11.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:167 Resp: 523365

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	12.7	10.0	15.0

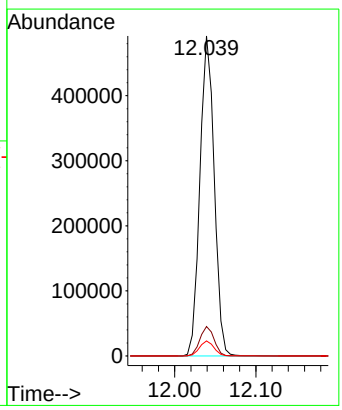


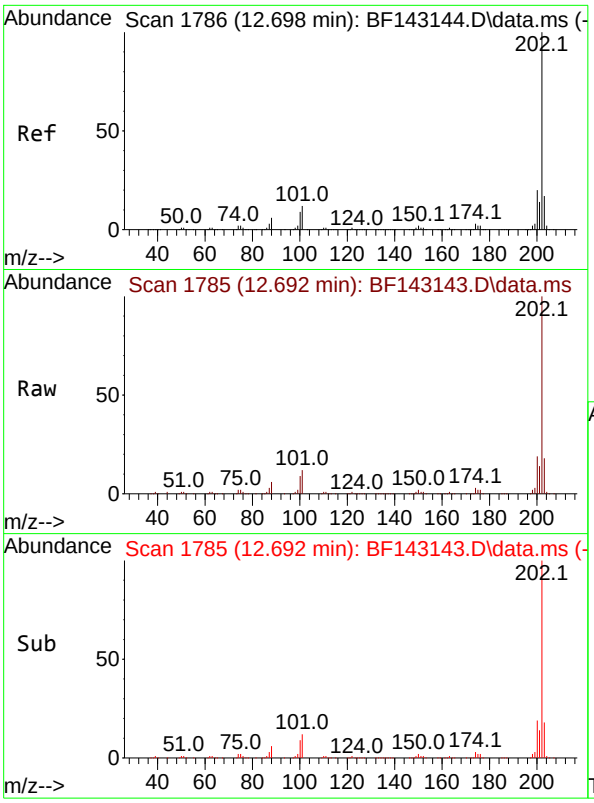


#74
Di-n-butylphthalate
Concen: 21.108 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:149 Resp: 601867

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.7	3.8	5.8



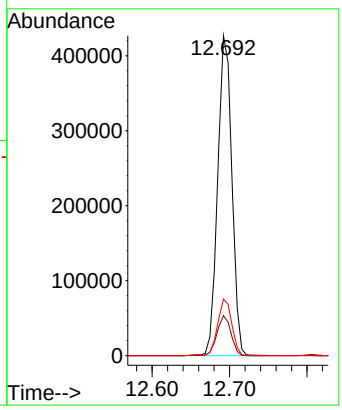


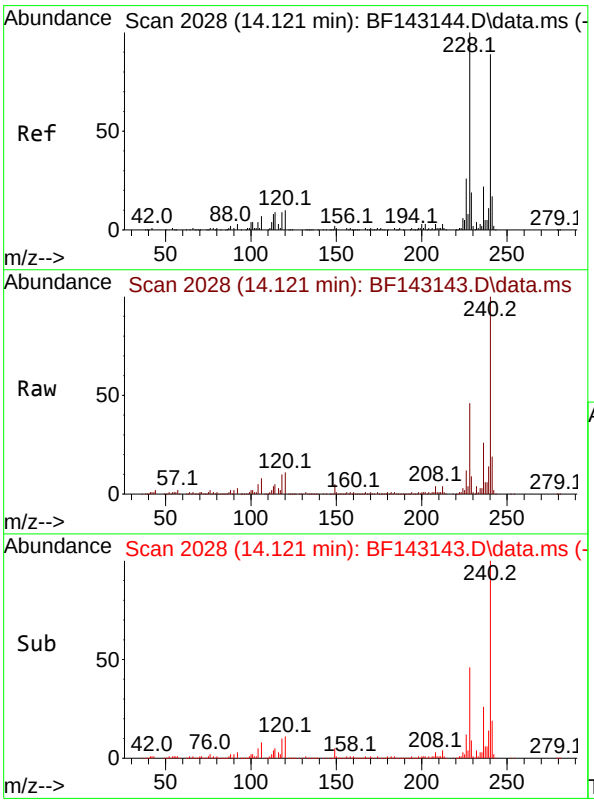
#75
Fluoranthene
Concen: 20.894 ng
RT: 12.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:202 Resp: 542662

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.7
203	17.7	0.0	37.4

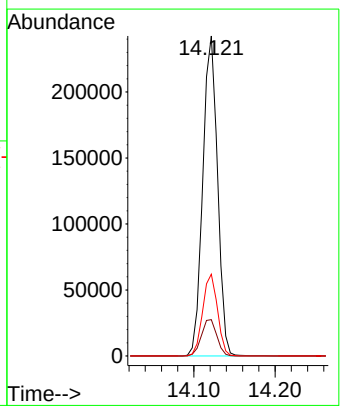


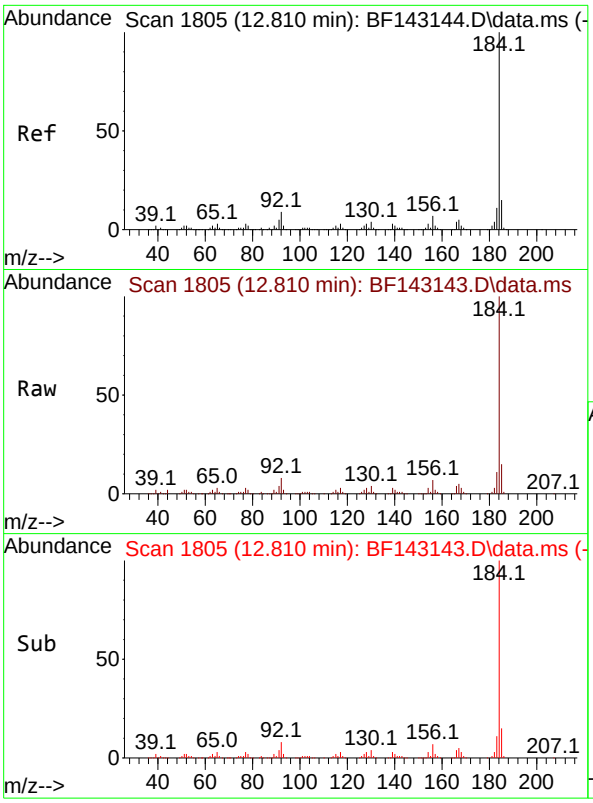


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:240 Resp: 305398

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.4	14.2
236	25.5	20.2	30.4



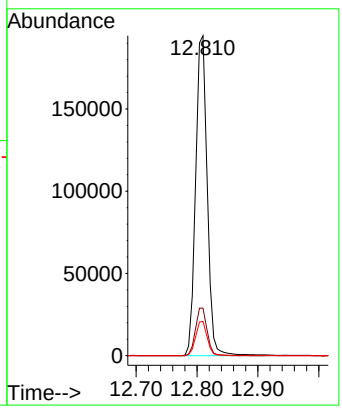


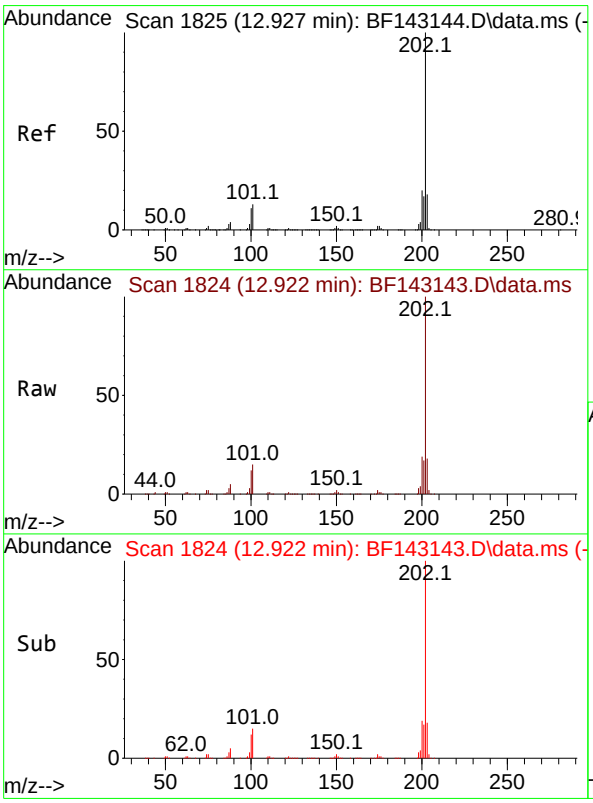
#77
Benzidine
Concen: 21.919 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 257904

Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.2	18.4
183	10.7	9.0	13.4

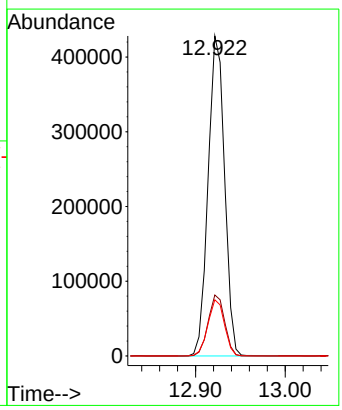


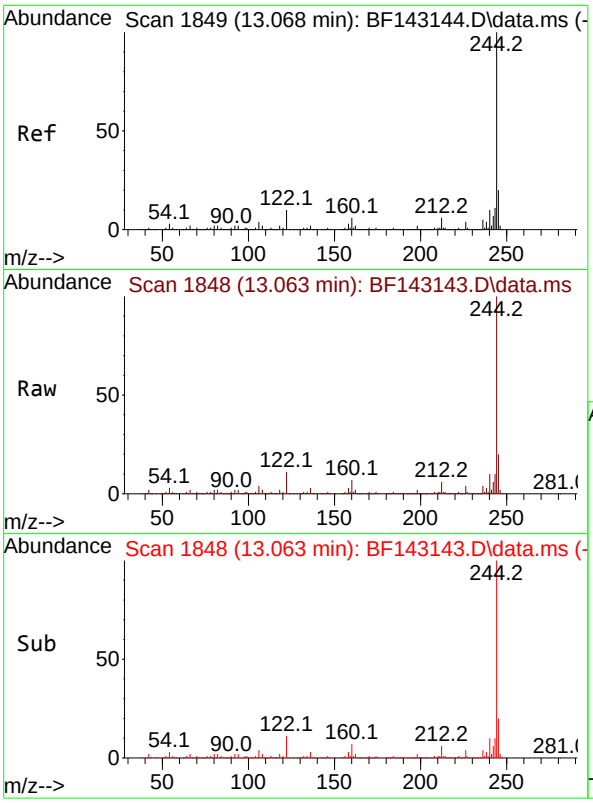


#78
Pyrene
Concen: 20.897 ng
RT: 12.922 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:202 Resp: 544650

Ion	Ratio	Lower	Upper
202	100		
200	19.1	15.7	23.5
203	17.6	14.2	21.2



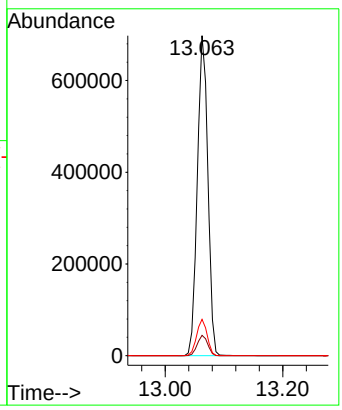


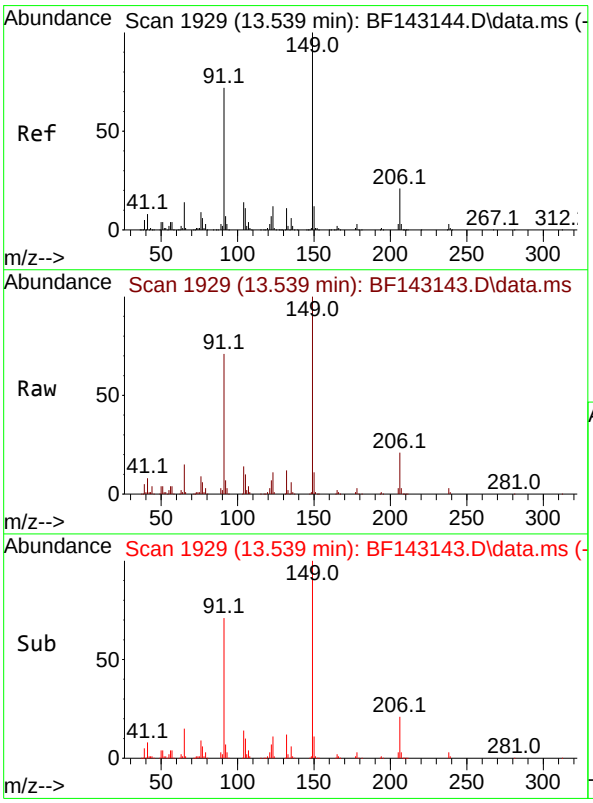
#79
Terphenyl-d14
Concen: 42.238 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:244 Resp: 866830

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.2	7.8
122	11.3	8.2	12.2

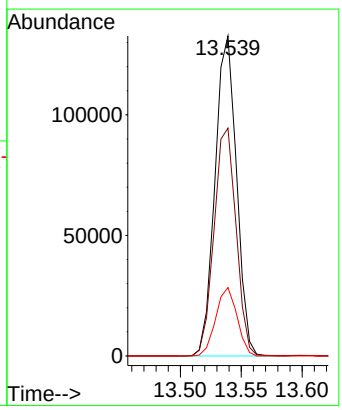


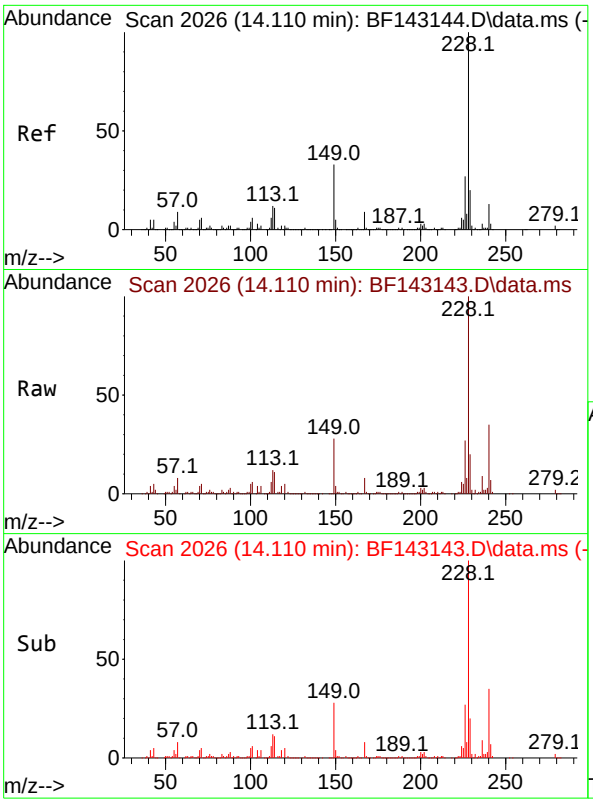


#80
Butylbenzylphthalate
Concen: 20.491 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:149 Resp: 163546

Ion	Ratio	Lower	Upper
149	100		
91	71.2	57.9	86.9
206	21.4	17.0	25.4



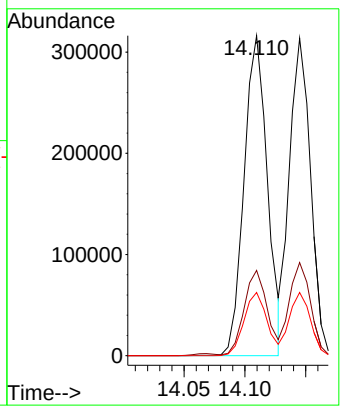


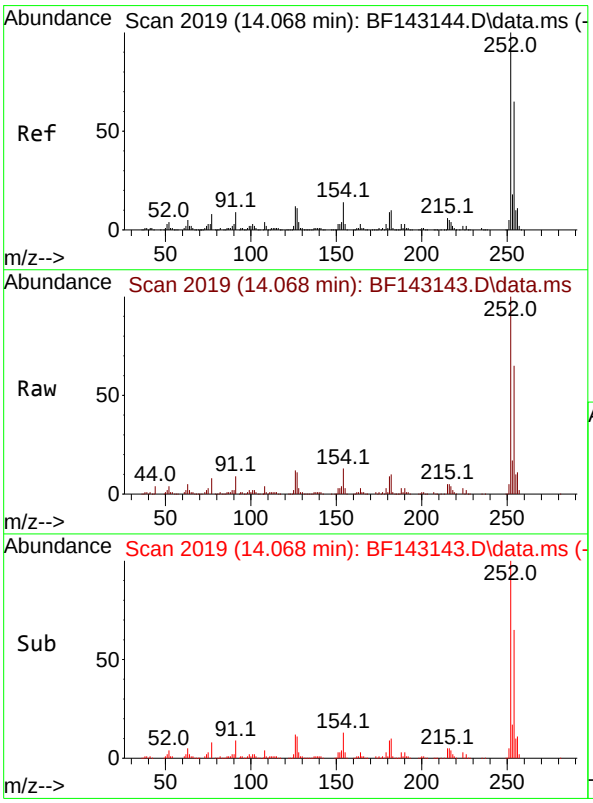
#81
Benzo(a)anthracene
Concen: 20.629 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 421791

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.7	32.5
229	19.8	15.8	23.6

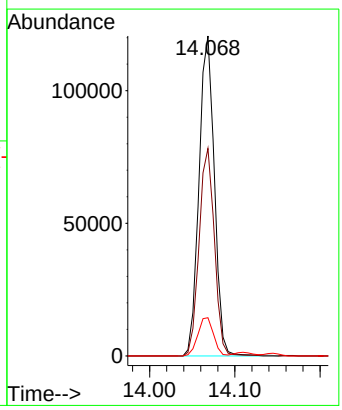


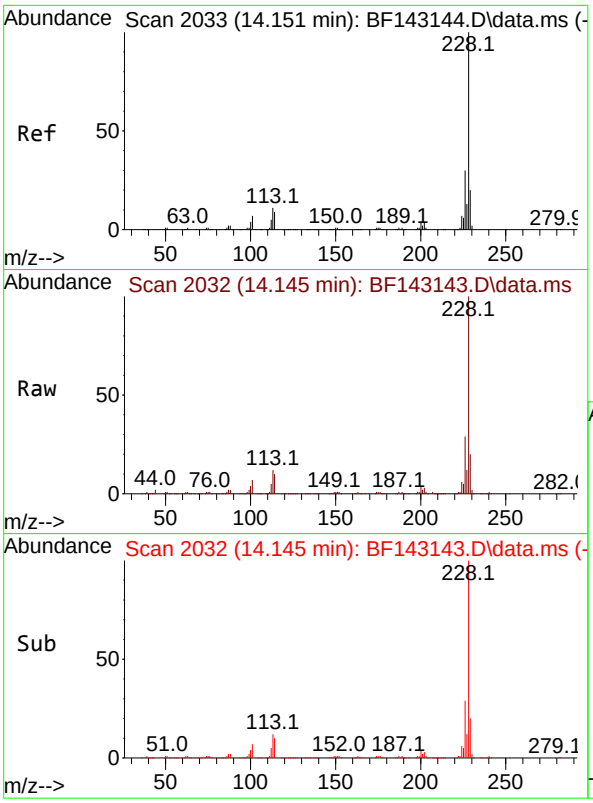


#82
3,3'-Dichlorobenzidine
Concen: 22.181 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:252 Resp: 151153

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.7	77.5
126	12.0	9.4	14.0



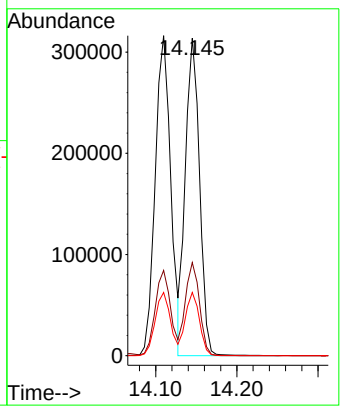


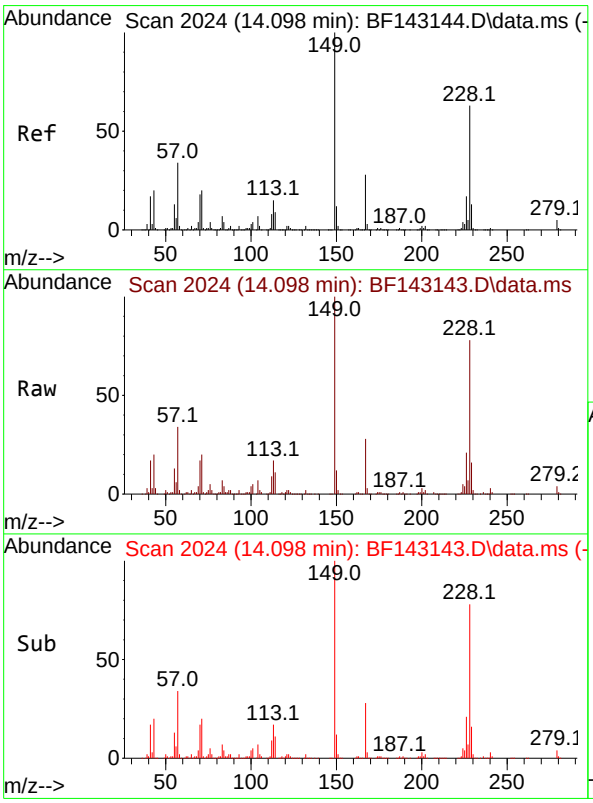
#83
Chrysene
Concen: 20.714 ng
RT: 14.145 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 380799

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.8
229	19.9	15.6	23.4

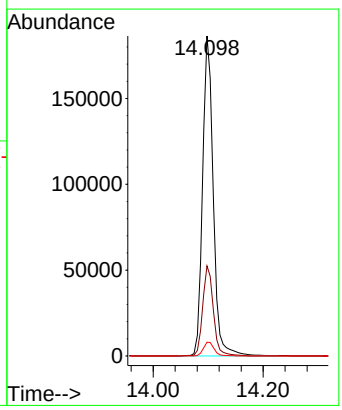


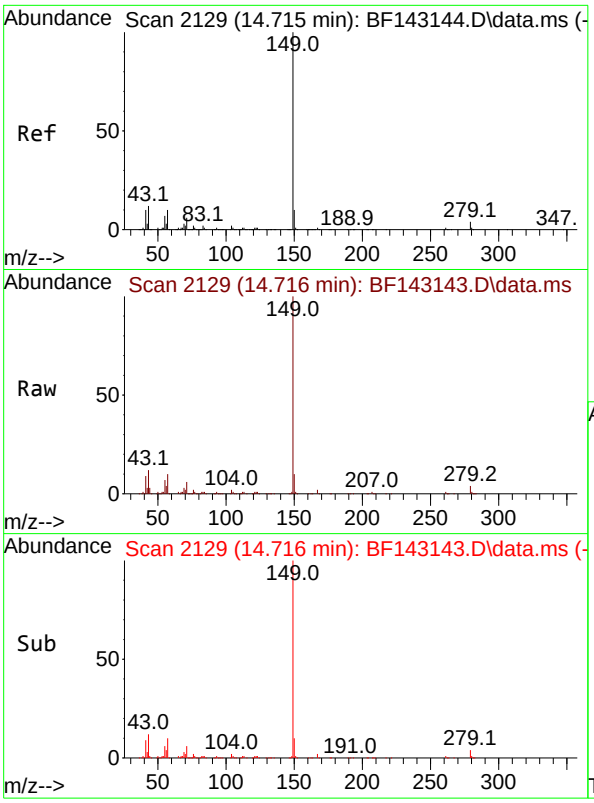


#84
Bis(2-ethylhexyl)phthalate
Concen: 20.839 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:149 Resp: 251739

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.3	33.5
279	4.3	3.6	5.4



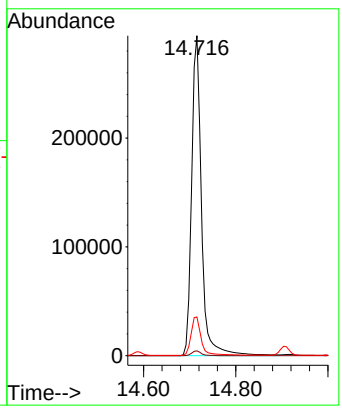


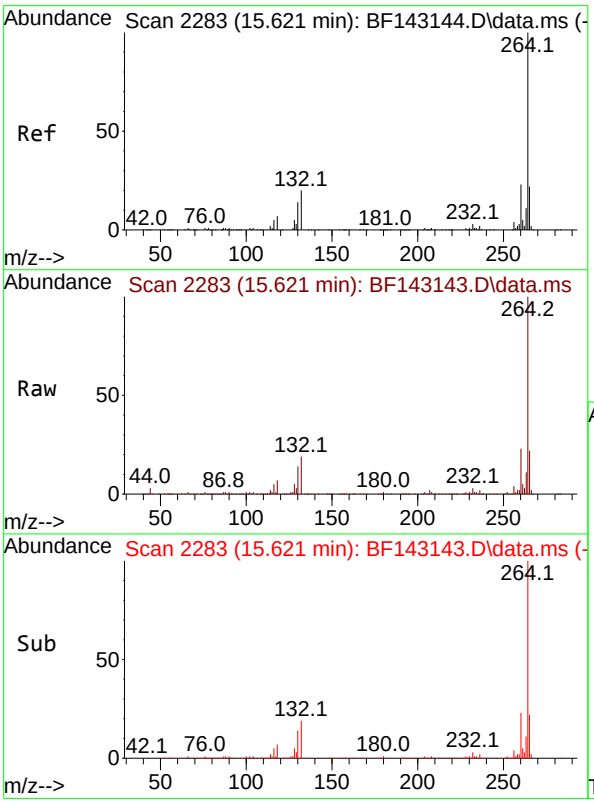
#85
Di-n-octyl phthalate
Concen: 19.916 ng
RT: 14.716 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:149 Resp: 436102

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	12.4	9.7	14.5

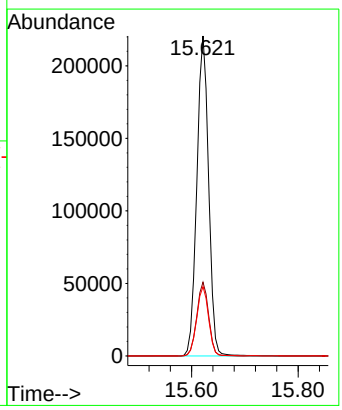


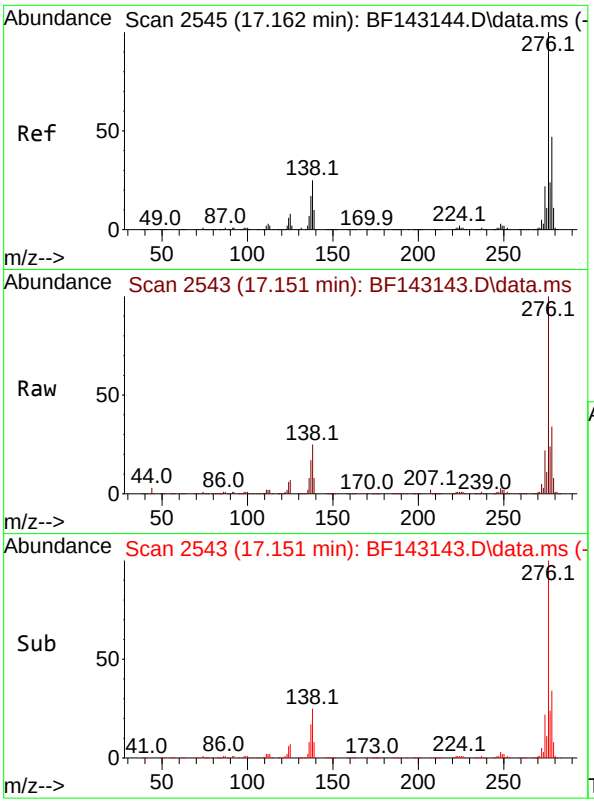


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:264 Resp: 338518

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.7	17.4	26.2



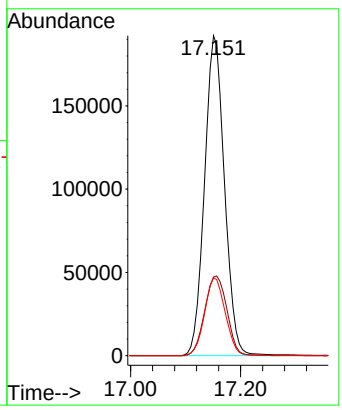


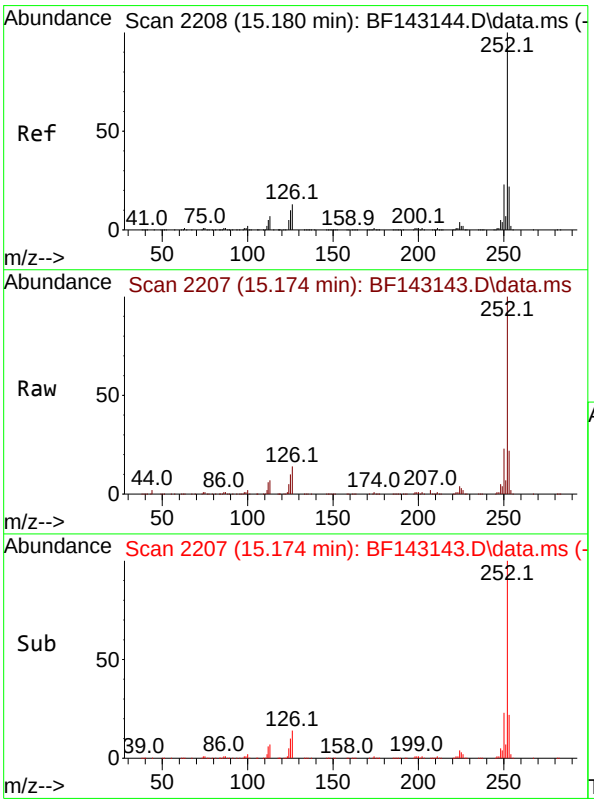
#87
Indeno(1,2,3-cd)pyrene
Concen: 20.286 ng
RT: 17.151 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:276 Resp: 484240

Ion	Ratio	Lower	Upper
276	100		
138	27.8	21.8	32.6
277	25.3	20.0	30.0

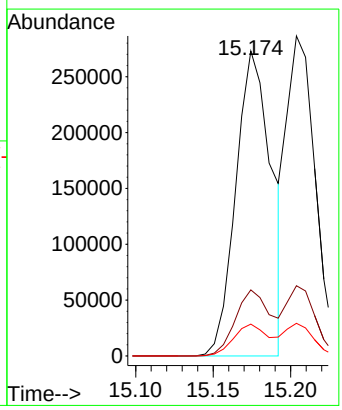


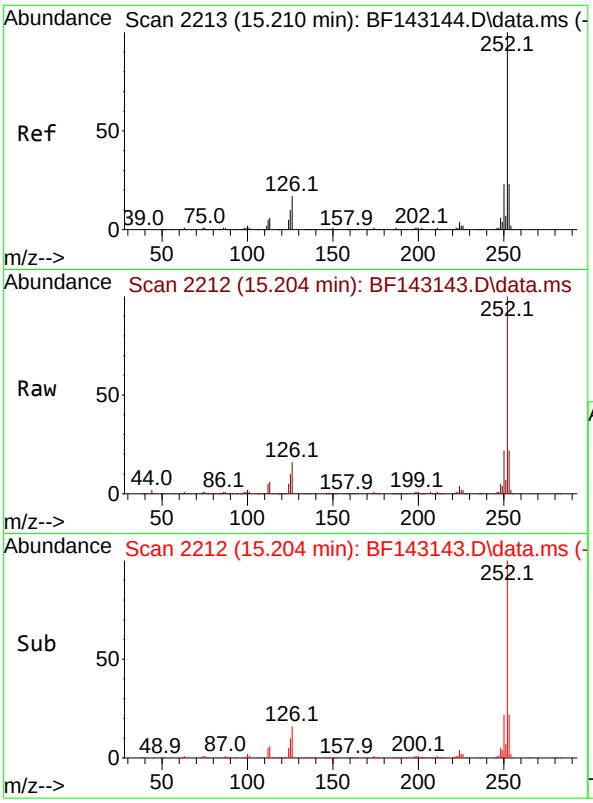


#88
Benzo(b)fluoranthene
Concen: 21.071 ng
RT: 15.174 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:252 Resp: 435747

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	10.4	8.0	12.0



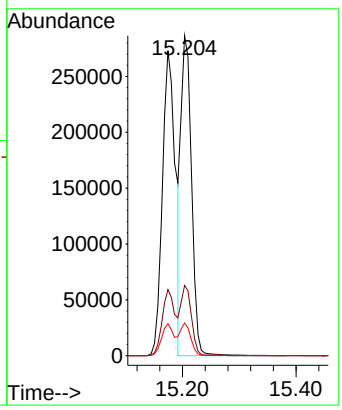


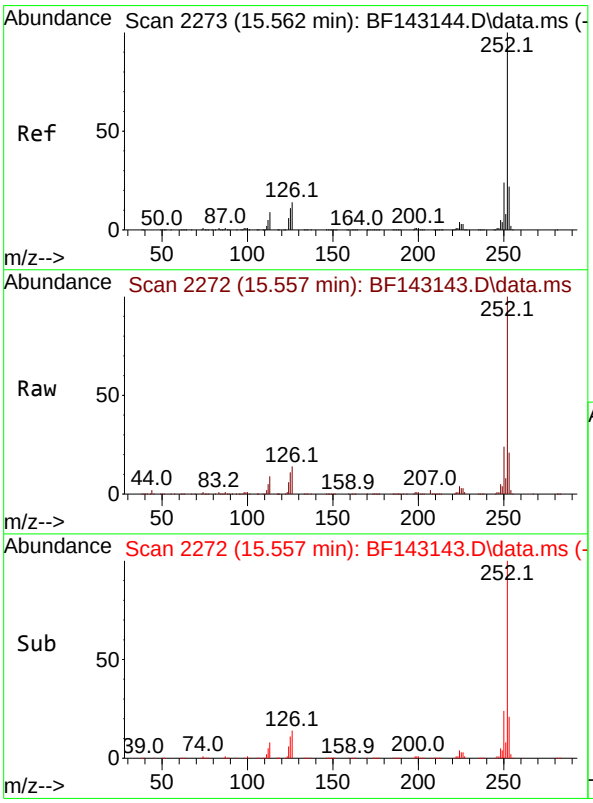
#89
Benzo(k)fluoranthene
Concen: 20.044 ng
RT: 15.204 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:252 Resp: 369899

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	10.2	8.1	12.1

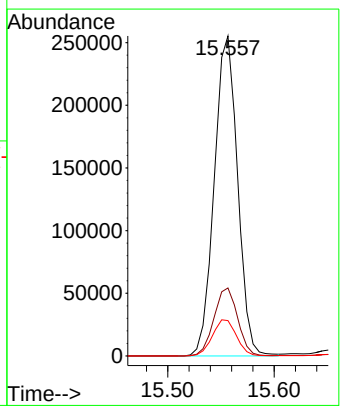


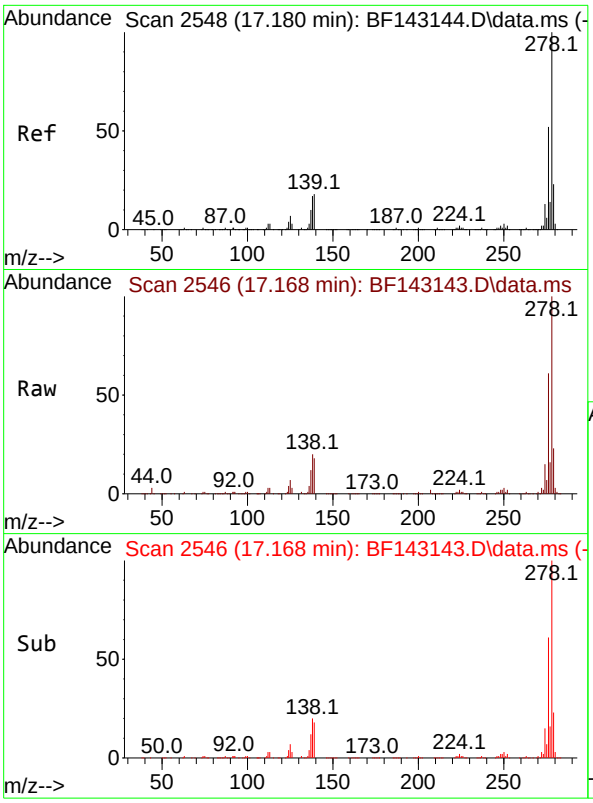


#90
Benzo(a)pyrene
Concen: 20.371 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:252 Resp: 388136

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.3	25.9
125	11.0	8.6	13.0



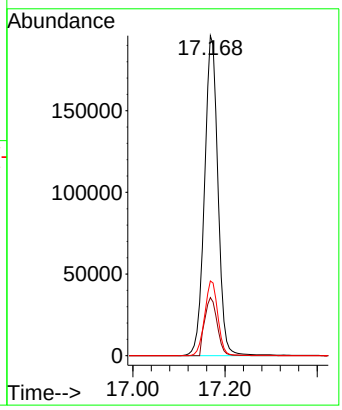


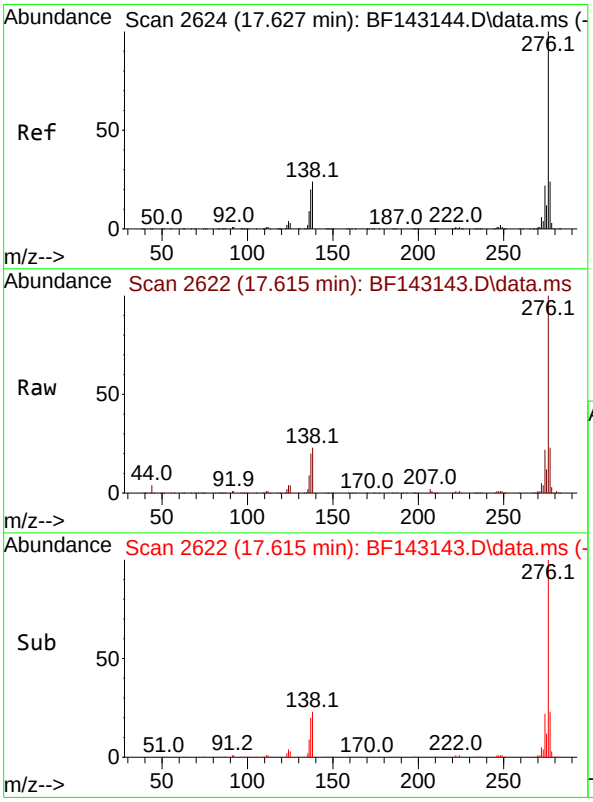
#91
Dibenzo(a,h)anthracene
Concen: 20.534 ng
RT: 17.168 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 398949

Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.1	21.1
279	23.4	18.6	28.0

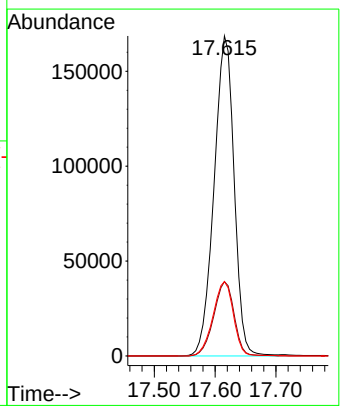




#92
Benzo(g,h,i)perylene
Concen: 20.534 ng
RT: 17.615 min Scan# 2622
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:276 Resp: 385915

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.1	28.7
138	23.3	18.9	28.3



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143144.D
Acq On : 17 Jul 2025 13:03
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Jul 17 15:03:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	167098	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	641413	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	331881	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	542726	20.000	ng	0.00
76) Chrysene-d12	14.121	240	296414	20.000	ng	0.00
86) Perylene-d12	15.621	264	323574	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	823062	77.946	ng	0.00
7) Phenol-d6	6.587	99	1038821	78.160	ng	0.00
23) Nitrobenzene-d5	7.522	82	1023138	79.512	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	279373	81.485	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1802398	74.274	ng	0.00
79) Terphenyl-d14	13.068	244	1554923	78.063	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.822	88	200396	40.108	ng	100
3) Pyridine	3.587	79	511417	39.435	ng	100
4) n-Nitrosodimethylamine	3.534	42	270676	40.426	ng	100
6) Aniline	6.622	93	736668	39.770	ng	100
8) 2-Chlorophenol	6.745	128	437914	39.565	ng	100
9) Benzaldehyde	6.516	77	482238	48.387	ng	100
10) Phenol	6.598	94	597136	41.241	ng	100
11) bis(2-Chloroethyl)ether	6.692	93	435450	39.279	ng	100
12) 1,3-Dichlorobenzene	6.904	146	468194	38.939	ng	100
13) 1,4-Dichlorobenzene	6.981	146	474015	39.147	ng	100
14) 1,2-Dichlorobenzene	7.134	146	448808	38.970	ng	100
15) Benzyl Alcohol	7.098	79	406107	40.017	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	808980	39.337	ng	100
17) 2-Methylphenol	7.204	107	366495	39.381	ng	100
18) Hexachloroethane	7.481	117	165263	39.425	ng	100
19) n-Nitroso-di-n-propyla...	7.375	70	329619	38.656	ng	100
20) 3+4-Methylphenols	7.357	107	448100	39.685	ng	100
22) Acetophenone	7.369	105	583796	38.444	ng	100
24) Nitrobenzene	7.545	77	481500	40.136	ng	100
25) Isophorone	7.781	82	888017	39.093	ng	100
26) 2-Nitrophenol	7.857	139	220354	42.323	ng	100
27) 2,4-Dimethylphenol	7.886	122	416128	39.210	ng	100
28) bis(2-Chloroethoxy)met...	7.986	93	529258	38.860	ng	100
29) 2,4-Dichlorophenol	8.098	162	353866	39.537	ng	100
30) 1,2,4-Trichlorobenzene	8.186	180	376590	38.947	ng	100
31) Naphthalene	8.269	128	1224033	38.749	ng	100
32) Benzoic acid	7.992	122	221775	38.306	ng	100
33) 4-Chloroaniline	8.310	127	500402	38.796	ng	100
34) Hexachlorobutadiene	8.386	225	231609	39.211	ng	100
35) Caprolactam	8.681	113	111733	41.312	ng	100
36) 4-Chloro-3-methylphenol	8.781	107	385507	39.628	ng	100
37) 2-Methylnaphthalene	8.957	142	744295	38.720	ng	100
38) 1-Methylnaphthalene	9.057	142	768508	38.825	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	365234	38.118	ng	100
41) Hexachlorocyclopentadiene	9.116	237	247480	39.695	ng	100
43) 2,4,6-Trichlorophenol	9.228	196	255115	38.471	ng	100

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143144.D
Acq On : 17 Jul 2025 13:03
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Jul 17 15:03:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	268615	40.494	ng	100
46) 1,1'-Biphenyl	9.422	154	988537	38.177	ng	100
47) 2-Chloronaphthalene	9.445	162	731879	38.200	ng	100
48) 2-Nitroaniline	9.533	65	249908	41.594	ng	100
49) Acenaphthylene	9.863	152	1234789	38.458	ng	100
50) Dimethylphthalate	9.716	163	848828	39.238	ng	100
51) 2,6-Dinitrotoluene	9.775	165	184242	41.866	ng	100
52) Acenaphthene	10.033	154	727386	38.330	ng	100
53) 3-Nitroaniline	9.945	138	210179	40.832	ng	100
54) 2,4-Dinitrophenol	10.045	184	69157	38.449	ng	100
55) Dibenzofuran	10.204	168	1083678	38.462	ng	100
56) 4-Nitrophenol	10.086	139	163009	42.408	ng	100
57) 2,4-Dinitrotoluene	10.175	165	235101	42.581	ng	100
58) Fluorene	10.551	166	804336	38.037	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	220872	40.196	ng	100
60) Diethylphthalate	10.416	149	842184	39.387	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	406477	38.604	ng	100
62) 4-Nitroaniline	10.557	138	185530	42.055	ng	100
63) Azobenzene	10.698	77	876387	39.326	ng	100
65) 4,6-Dinitro-2-methylph...	10.586	198	105533	38.322	ng	100
66) n-Nitrosodiphenylamine	10.657	169	731532	38.278	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	247764	38.307	ng	100
68) Hexachlorobenzene	11.098	284	259758	38.424	ng	100
69) Atrazine	11.174	200	212970	40.421	ng	100
70) Pentachlorophenol	11.286	266	161013	40.500	ng	100
71) Phenanthrene	11.510	178	1107412	38.429	ng	100
72) Anthracene	11.563	178	1126710	38.336	ng	100
73) Carbazole	11.710	167	1008669	39.304	ng	100
74) Di-n-butylphthalate	12.039	149	1165443	40.135	ng	100
75) Fluoranthene	12.698	202	1034509	39.111	ng	100
77) Benzidine	12.810	184	564732	49.451	ng	100
78) Pyrene	12.927	202	1016822	40.195	ng	100
80) Butylbenzylphthalate	13.539	149	322273	41.603	ng	100
81) Benzo(a)anthracene	14.110	228	759726	38.283	ng	100
82) 3,3'-Dichlorobenzidine	14.068	252	254099	38.418	ng	100
83) Chrysene	14.151	228	715222	40.085	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	467892	39.906	ng	100
85) Di-n-octyl phthalate	14.715	149	820264	38.595	ng	100
87) Indeno(1,2,3-cd)pyrene	17.162	276	914626	40.086	ng	100
88) Benzo(b)fluoranthene	15.180	252	742346	37.554	ng	100
89) Benzo(k)fluoranthene	15.210	252	733635	41.591	ng	100
90) Benzo(a)pyrene	15.562	252	725344	39.826	ng	100
91) Dibenzo(a,h)anthracene	17.180	278	742180	39.964	ng	100
92) Benzo(g,h,i)perylene	17.627	276	717648	39.949	ng	100

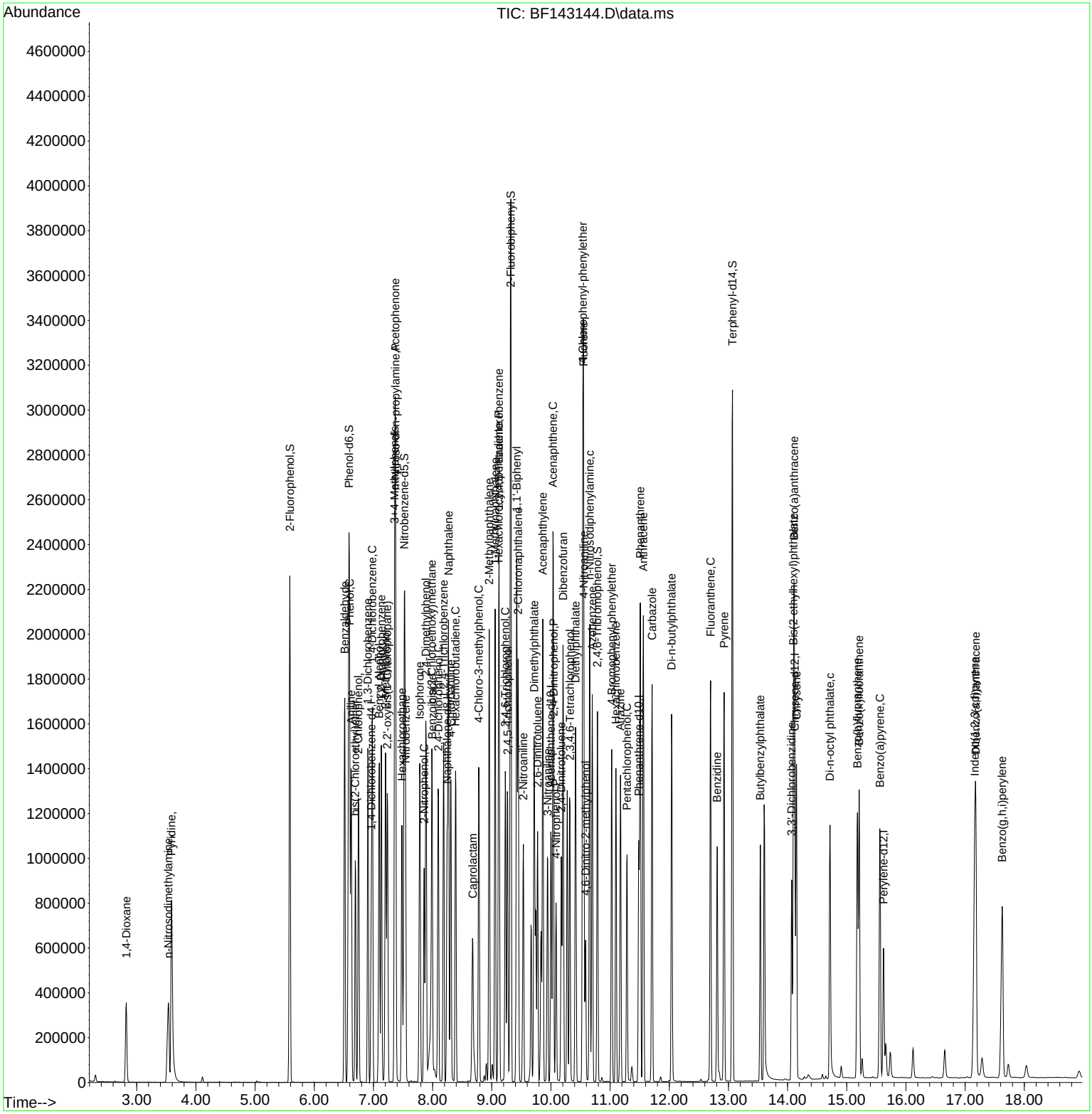
(#) = qualifier out of range (m) = manual integration (+) = signals summed

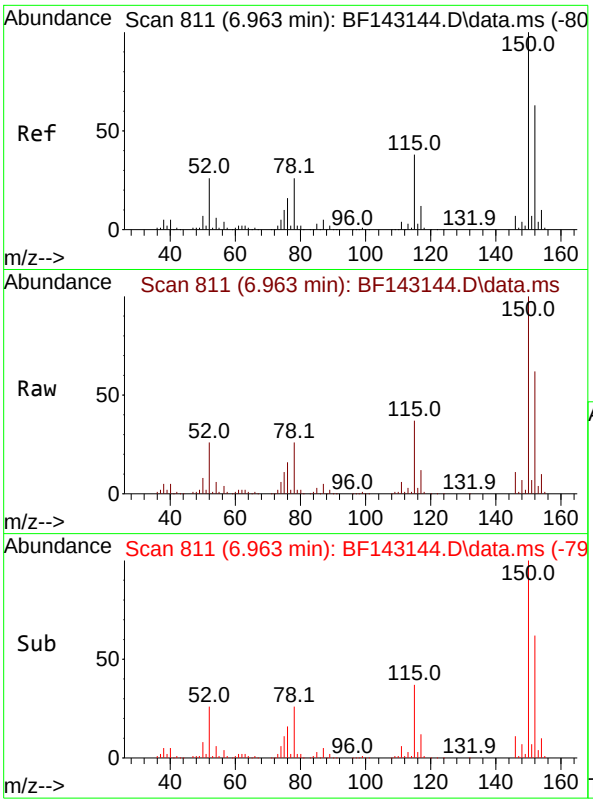
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143144.D
Acq On : 17 Jul 2025 13:03
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Jul 17 15:03:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration



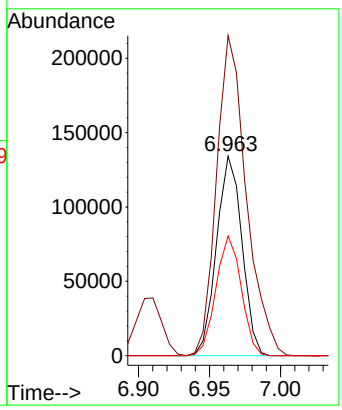


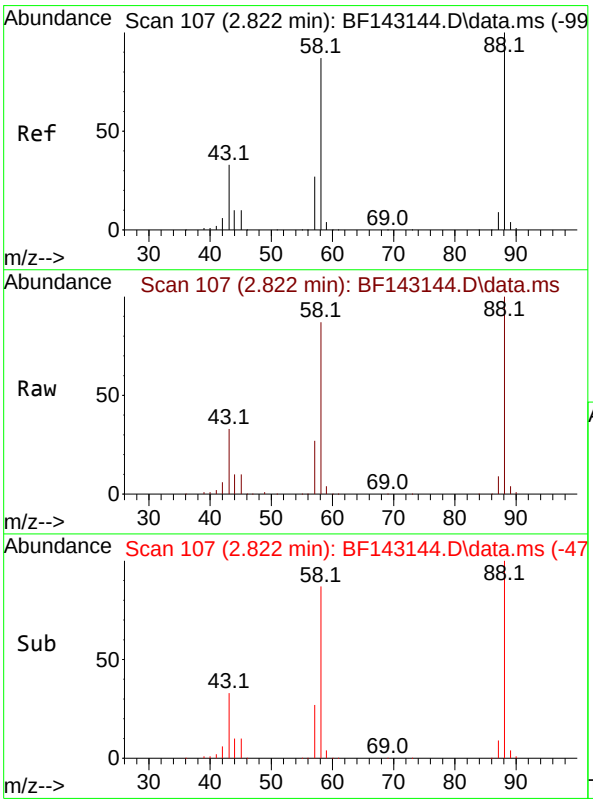
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 167098

Ion	Ratio	Lower	Upper
152	100		
150	160.3	128.2	192.4
115	59.9	47.9	71.9

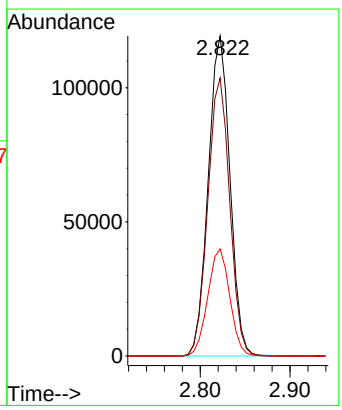


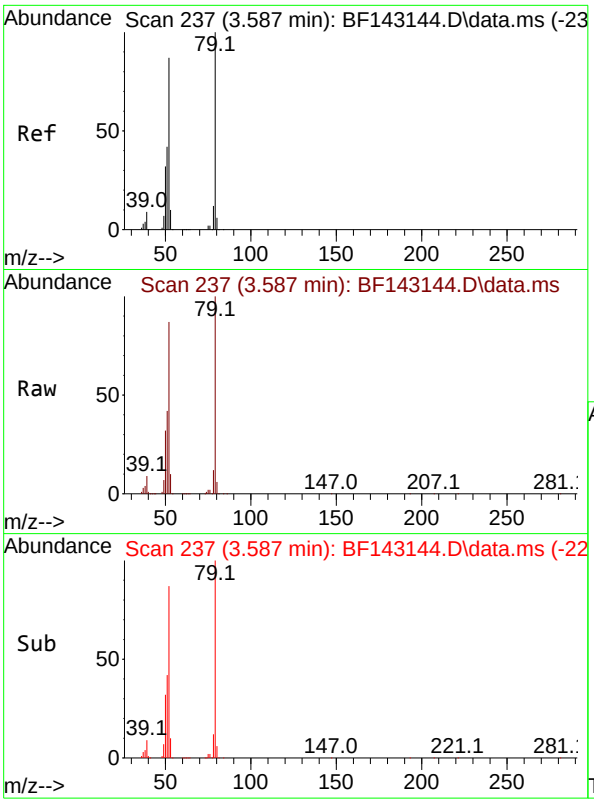


#2
1,4-Dioxane
Concen: 40.108 ng
RT: 2.822 min Scan# 107
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 88 Resp: 200396

Ion	Ratio	Lower	Upper
88	100		
58	87.7	70.2	105.2
43	33.9	27.1	40.7



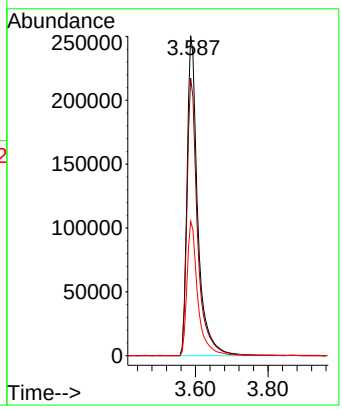


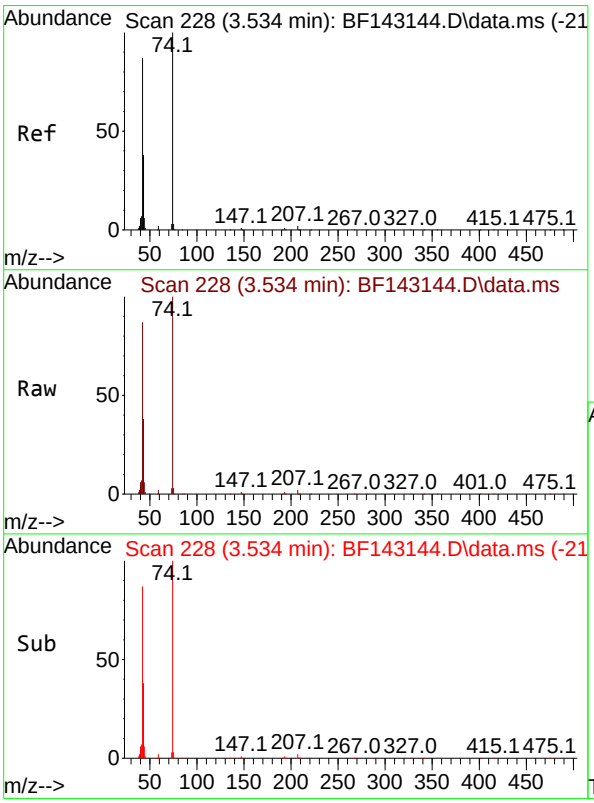
#3
Pyridine
Concen: 39.435 ng
RT: 3.587 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 511417

Ion	Ratio	Lower	Upper
79	100		
52	86.8	69.4	104.2
51	41.9	33.5	50.3

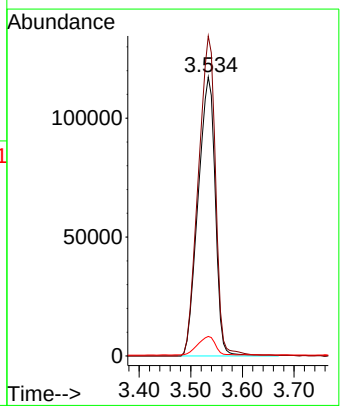


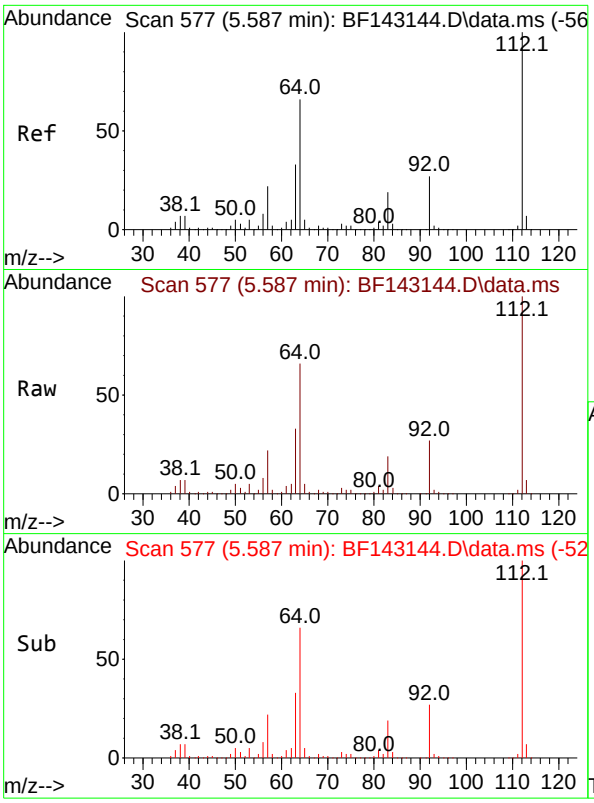


#4
n-Nitrosodimethylamine
Concen: 40.426 ng
RT: 3.534 min Scan# 228
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 42 Resp: 270676

Ion	Ratio	Lower	Upper
42	100		
74	114.6	91.7	137.5
44	7.0	5.6	8.4



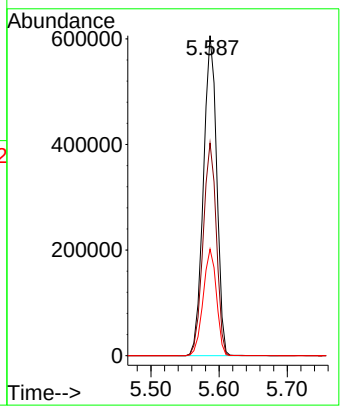


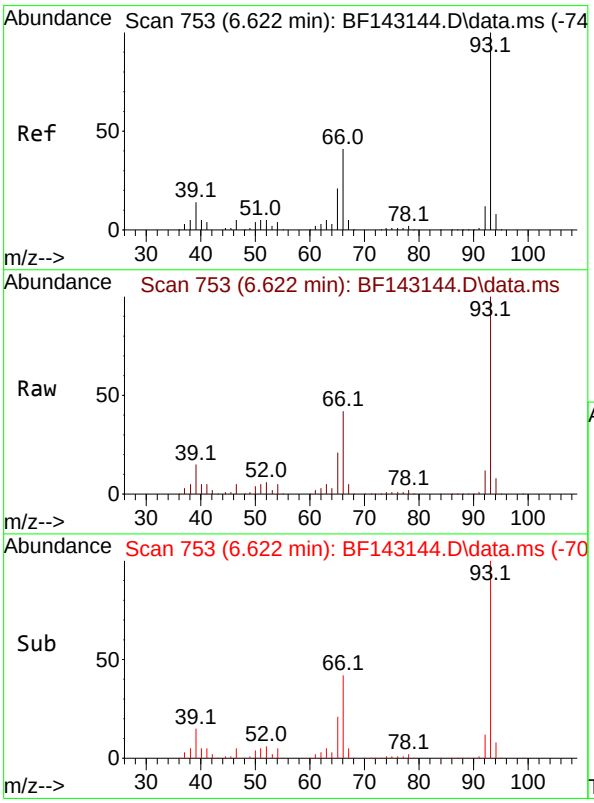
#5
2-Fluorophenol
Concen: 77.946 ng
RT: 5.587 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 823062

Ion	Ratio	Lower	Upper
112	100		
64	66.4	53.1	79.7
63	33.3	26.6	40.0

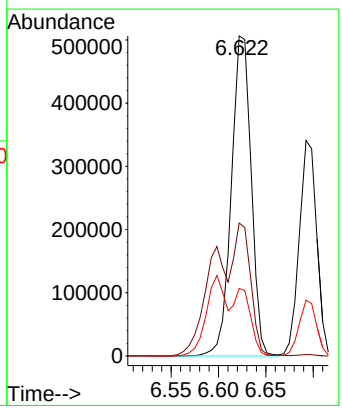


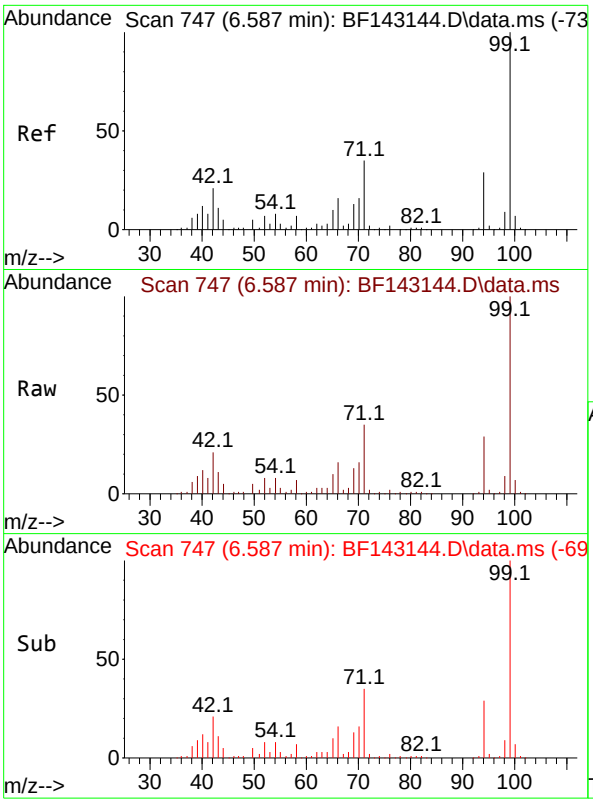


#6
Aniline
Concen: 39.770 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 93 Resp: 736668

Ion	Ratio	Lower	Upper
93	100		
66	41.5	33.2	49.8
65	21.1	16.9	25.3



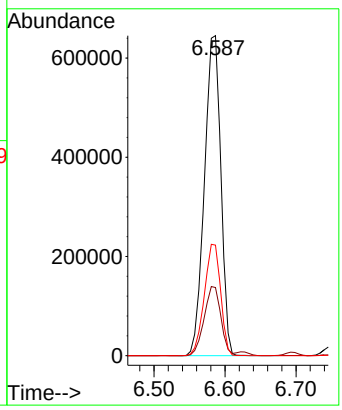


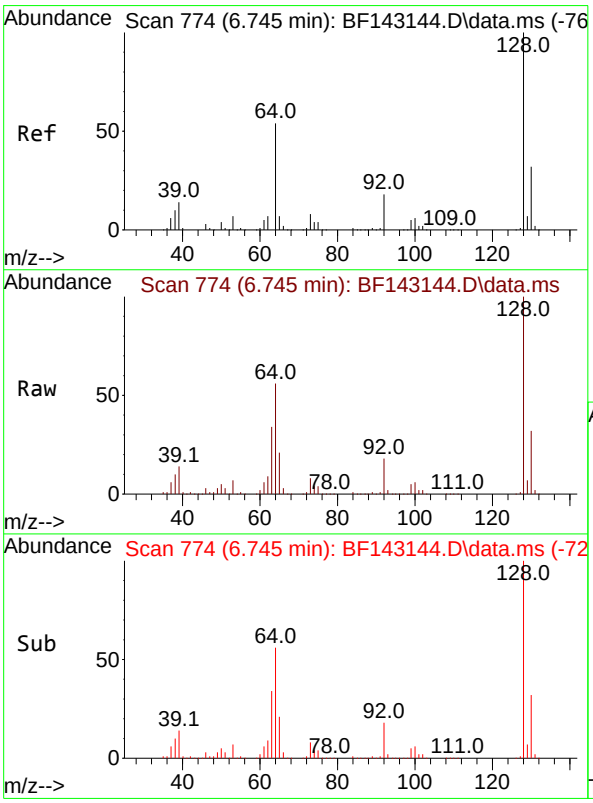
#7
Phenol-d6
Concen: 78.160 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 1038821

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.0	25.6
71	34.6	27.7	41.5

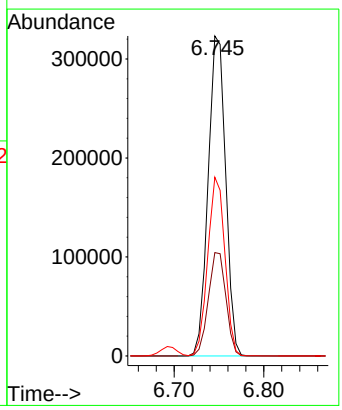


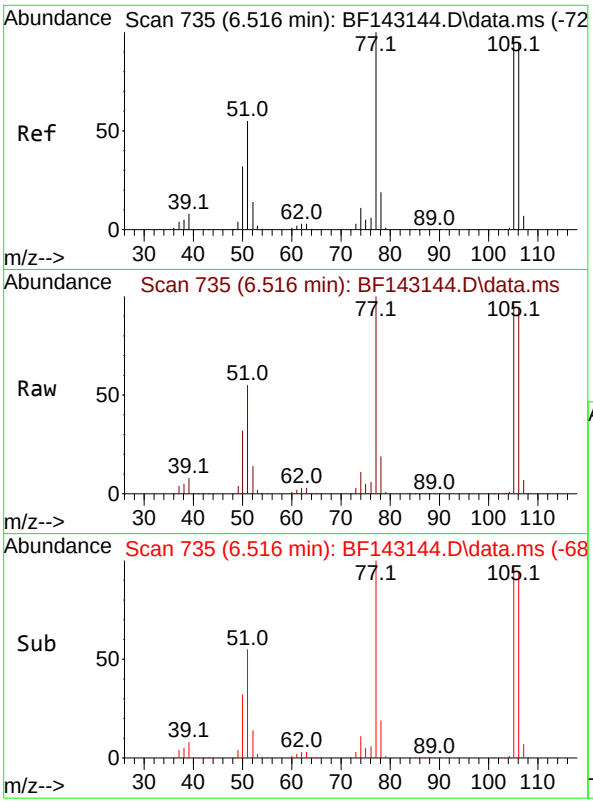


#8
2-Chlorophenol
Concen: 39.565 ng
RT: 6.745 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:128 Resp: 437914

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.3	52.3
64	55.9	35.9	75.9



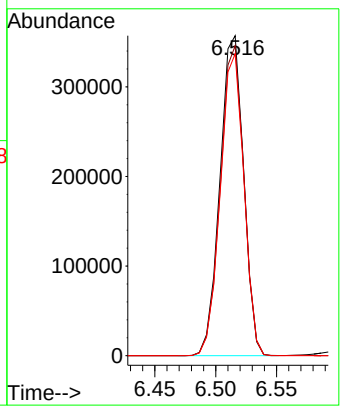


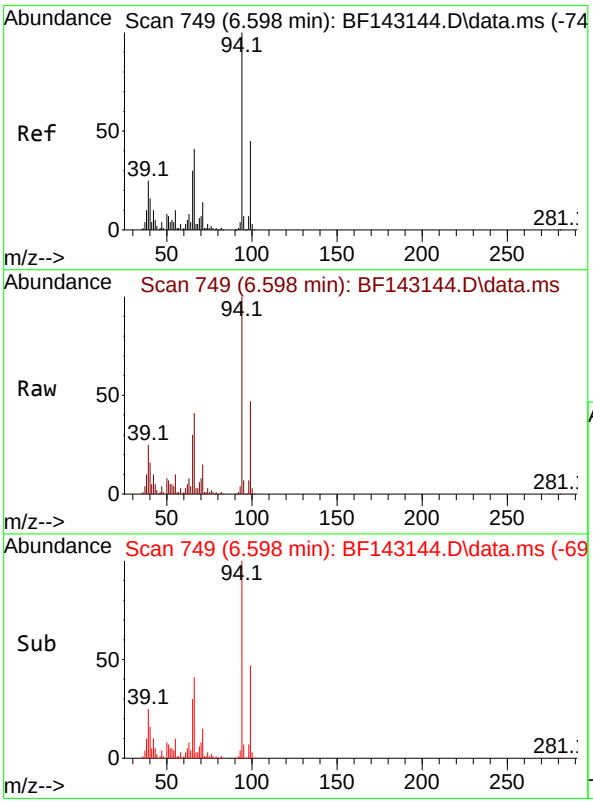
#9
Benzaldehyde
Concen: 48.387 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 482238

Ion	Ratio	Lower	Upper
77	100		
105	96.8	76.8	116.8
106	94.4	74.4	114.4

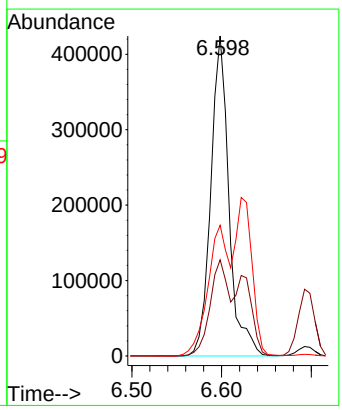


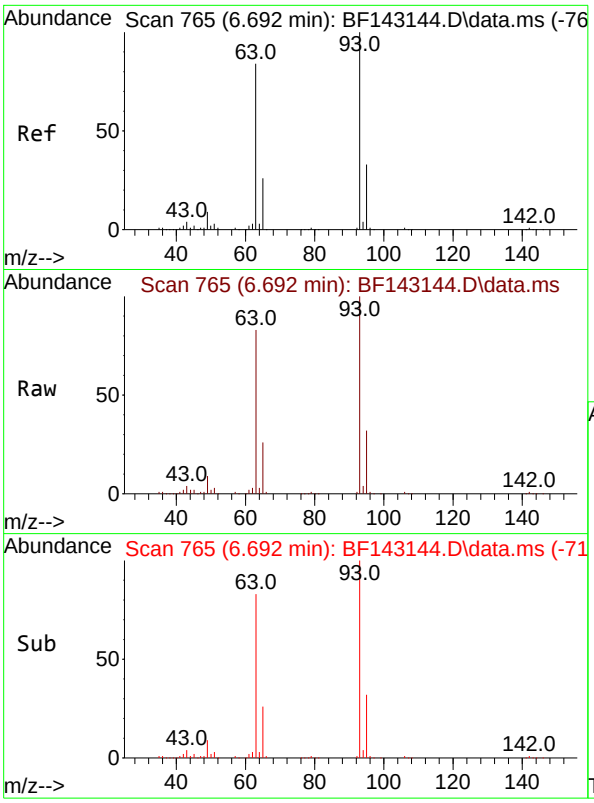


#10
Phenol
Concen: 41.241 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 94 Resp: 597136

Ion	Ratio	Lower	Upper
94	100		
65	30.0	10.0	50.0
66	40.8	20.8	60.8



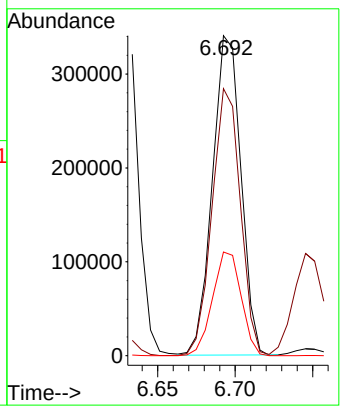


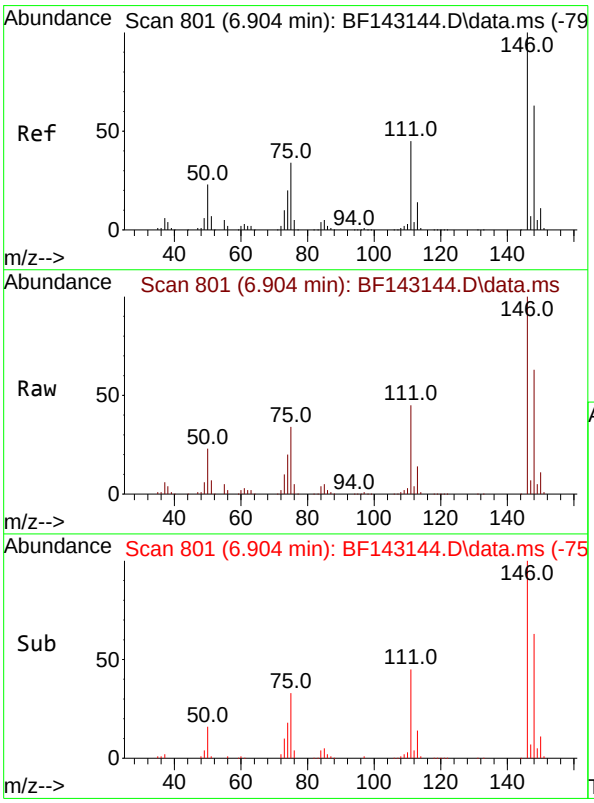
#11
bis(2-Chloroethyl)ether
Concen: 39.279 ng
RT: 6.692 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 435450

Ion	Ratio	Lower	Upper
93	100		
63	83.4	63.4	103.4
95	32.4	12.4	52.4

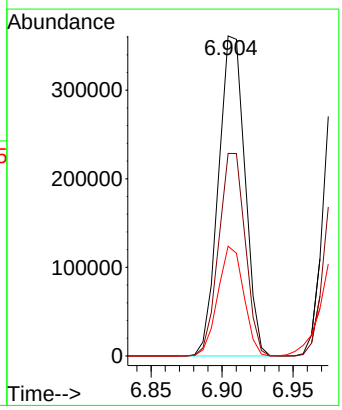


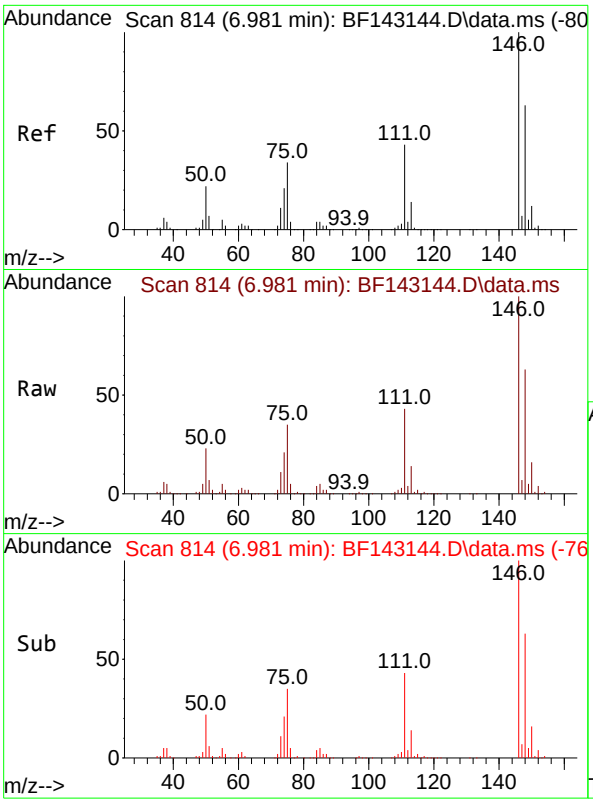


#12
1,3-Dichlorobenzene
Concen: 38.939 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:146 Resp: 468194

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	76.0
75	34.3	27.4	41.2



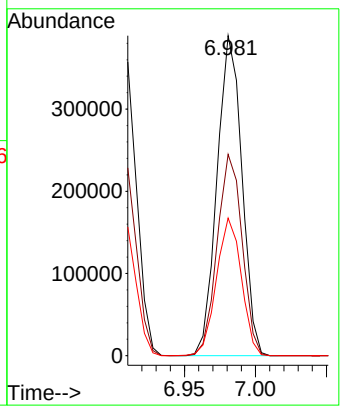


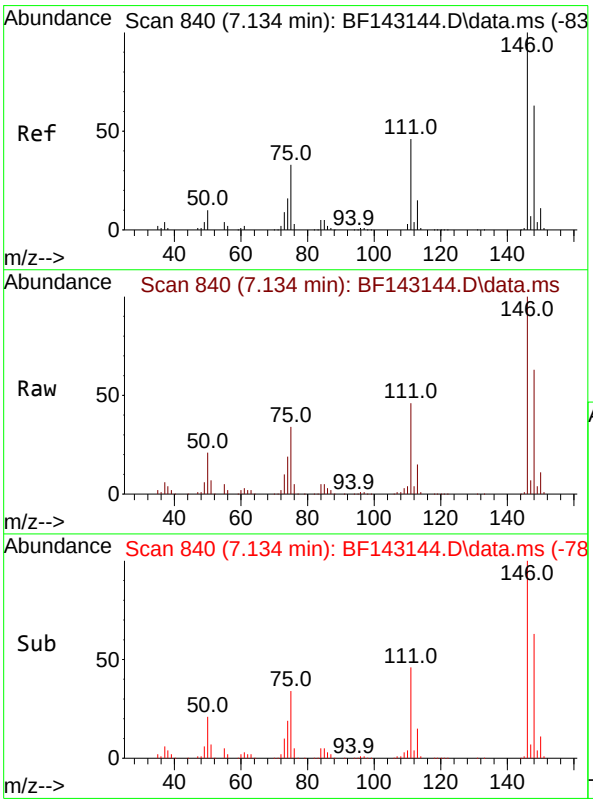
#13
1,4-Dichlorobenzene
Concen: 39.147 ng
RT: 6.981 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 474015

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.3	75.5
111	43.0	34.4	51.6

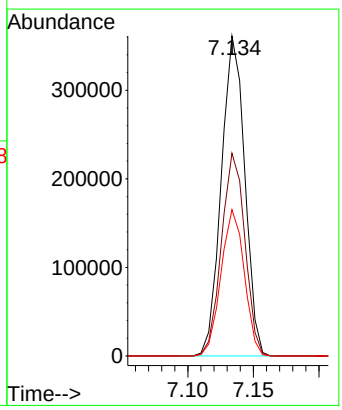


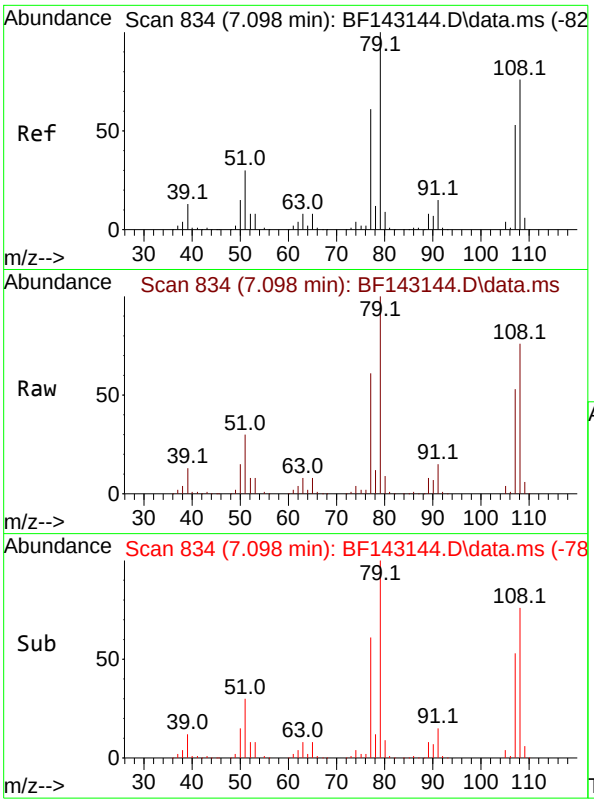


#14
1,2-Dichlorobenzene
Concen: 38.970 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:146 Resp: 448808

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.7	76.1
111	45.7	36.6	54.8



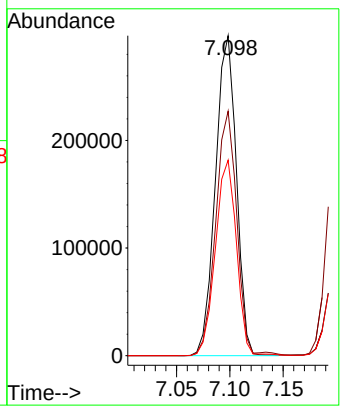


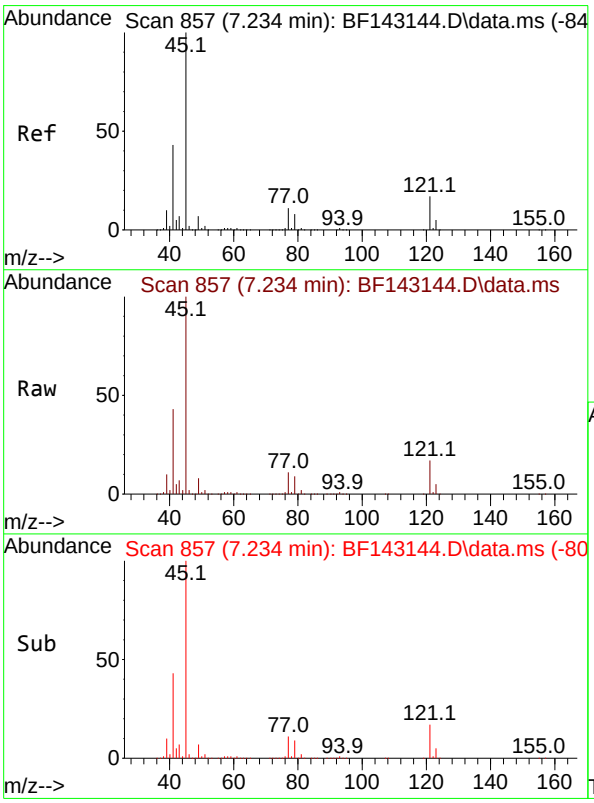
#15
Benzyl Alcohol
Concen: 40.017 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 406107

Ion	Ratio	Lower	Upper
79	100		
108	76.4	61.1	91.7
77	61.1	48.9	73.3

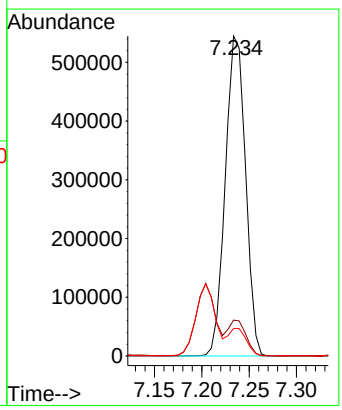


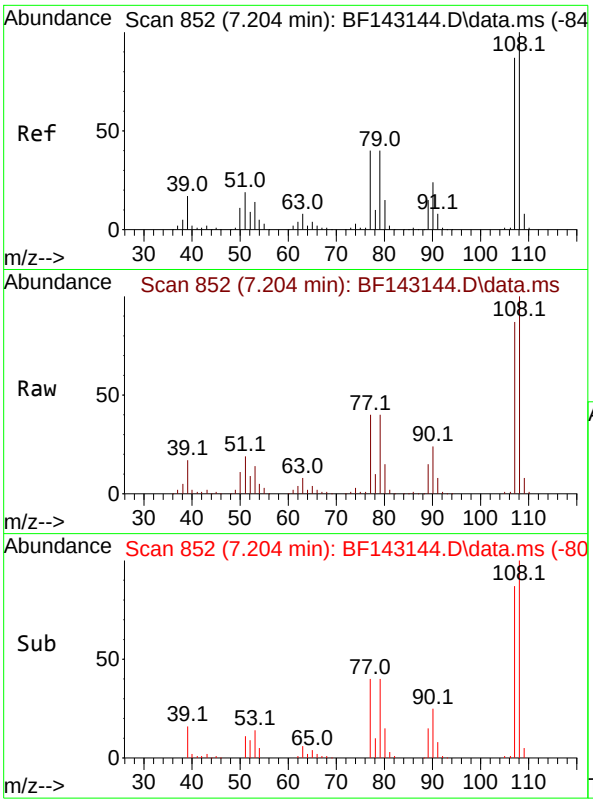


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.337 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 45 Resp: 808980

Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	31.2
79	8.5	0.0	28.5



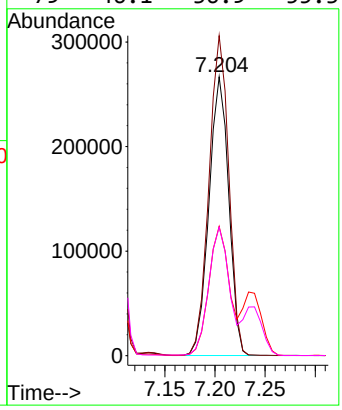


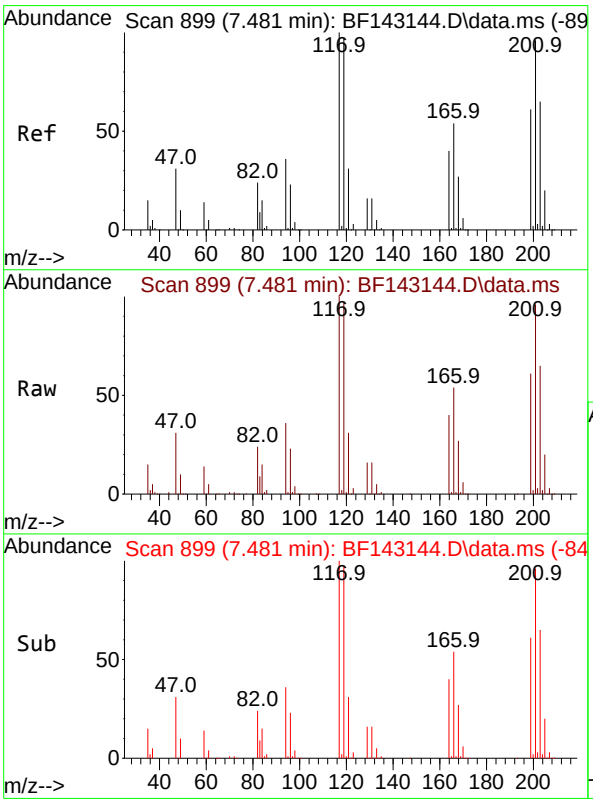
#17
2-Methylphenol
Concen: 39.381 ng
RT: 7.204 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 366495

Ion	Ratio	Lower	Upper
107	100		
108	114.7	91.8	137.6
77	46.3	37.0	55.6
79	46.1	36.9	55.3

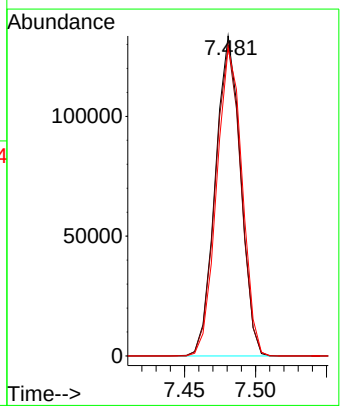


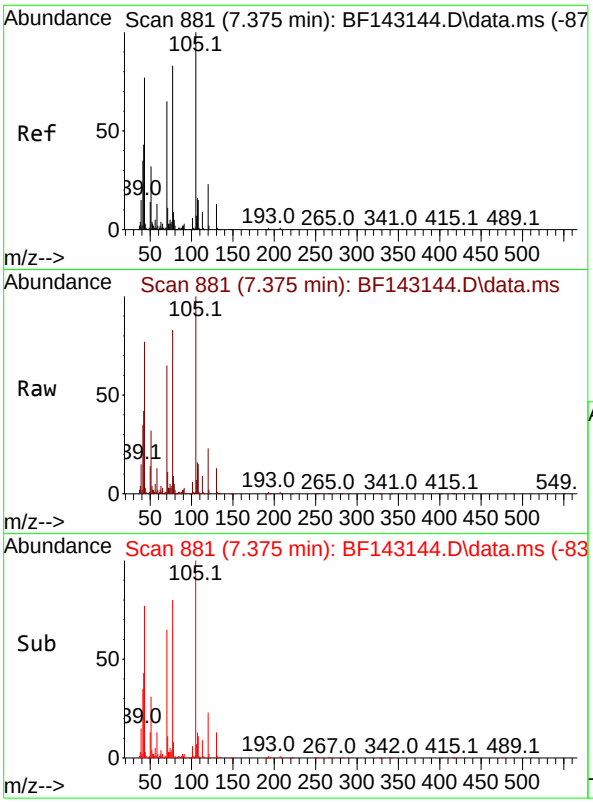


#18
Hexachloroethane
Concen: 39.425 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:117 Resp: 165263

Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.8	116.8
201	96.2	77.0	115.4



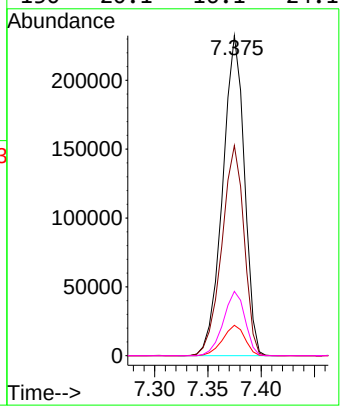


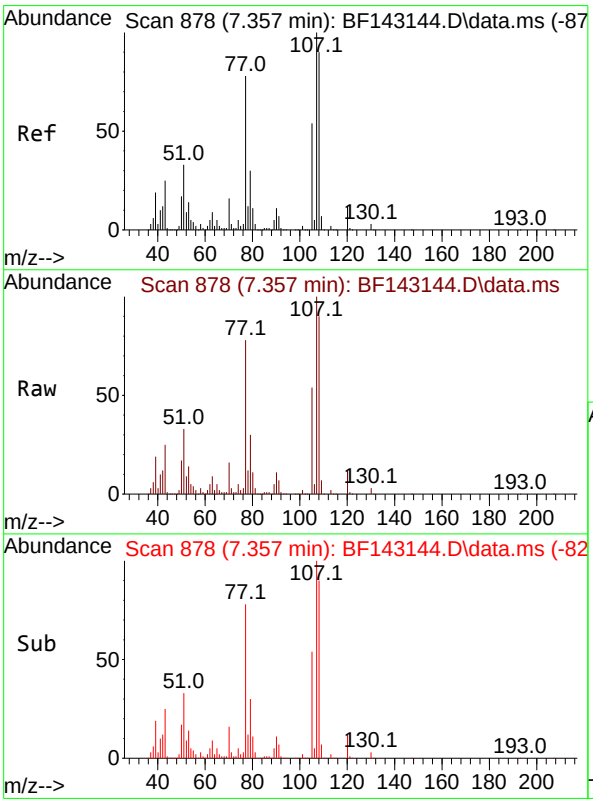
#19
n-Nitroso-di-n-propylamine
Concen: 38.656 ng
RT: 7.375 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 329619

Ion	Ratio	Lower	Upper
70	100		
42	65.6	52.5	78.7
101	9.5	7.6	11.4
130	20.1	16.1	24.1

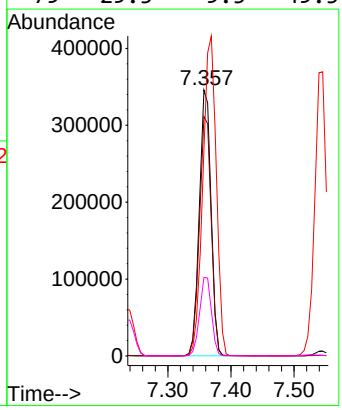


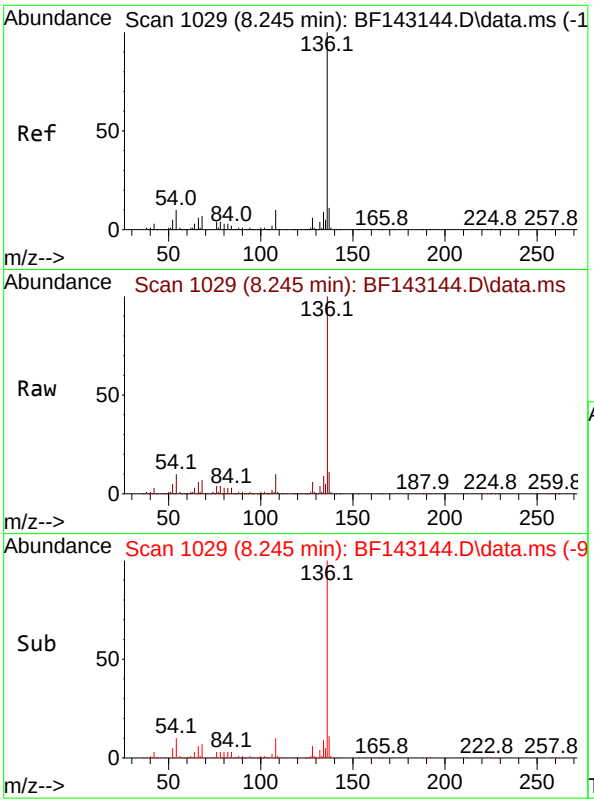


#20
3+4-Methylphenols
Concen: 39.685 ng
RT: 7.357 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:107 Resp: 448100

Ion	Ratio	Lower	Upper
107	100		
108	90.0	70.0	110.0
77	77.8	57.8	97.8
79	29.5	9.5	49.5



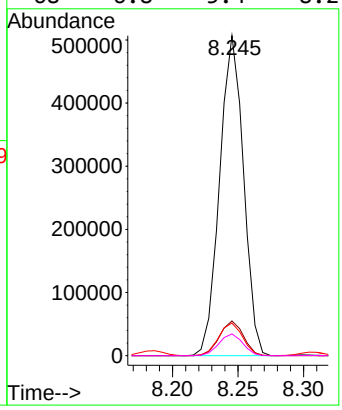


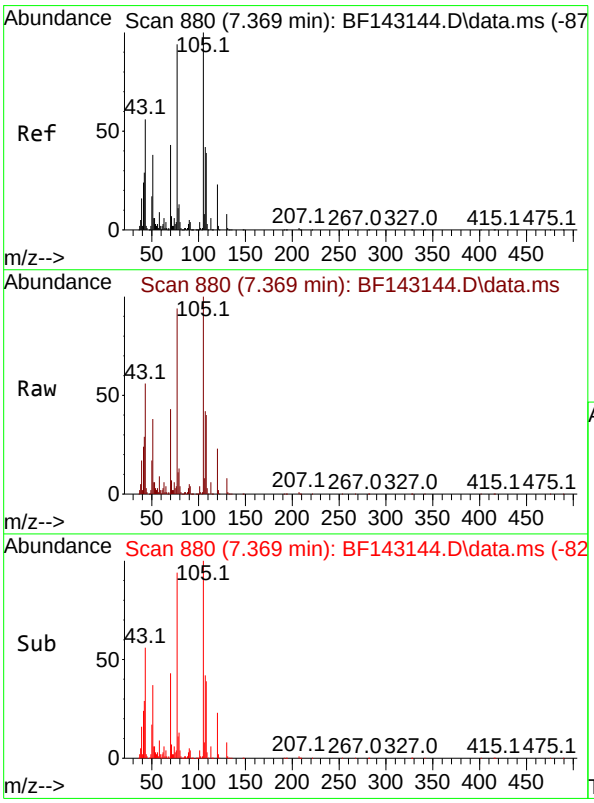
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 641413

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	10.2	8.2	12.2
68	6.8	5.4	8.2

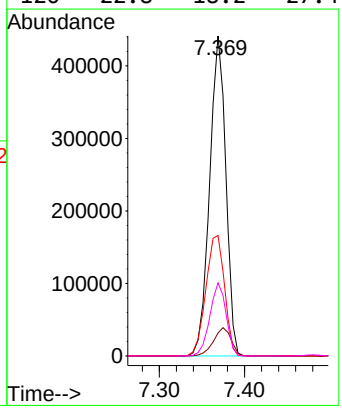


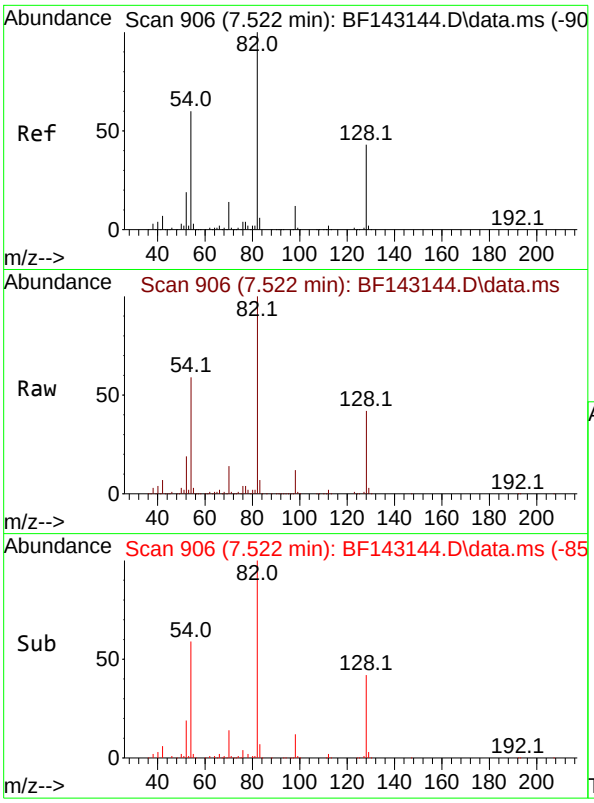


#22
Acetophenone
Concen: 38.444 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:105 Resp: 583796

Ion	Ratio	Lower	Upper
105	100		
71	7.2	5.8	8.6
51	37.7	30.2	45.2
120	22.8	18.2	27.4



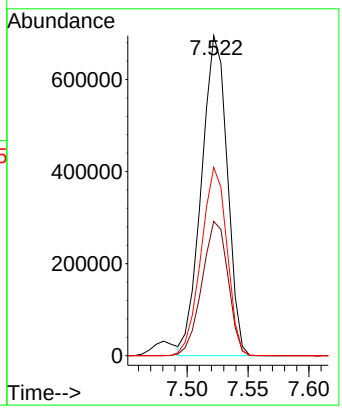


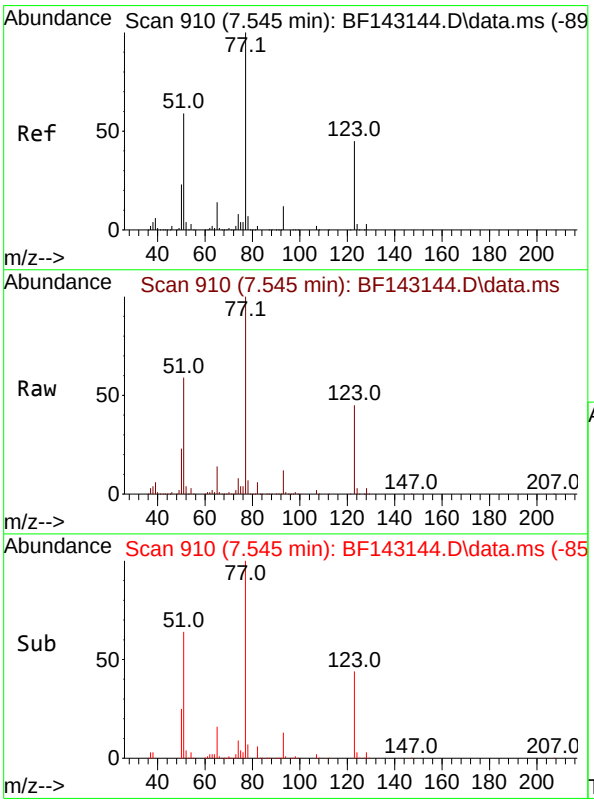
#23
Nitrobenzene-d5
Concen: 79.512 ng
RT: 7.522 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 1023138

Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.6	50.4
54	58.9	47.1	70.7

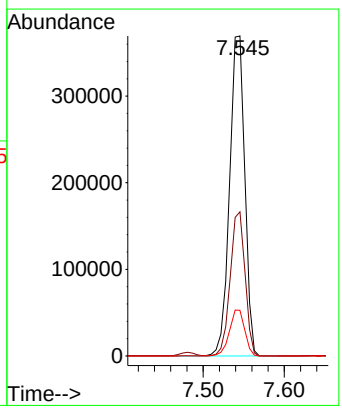


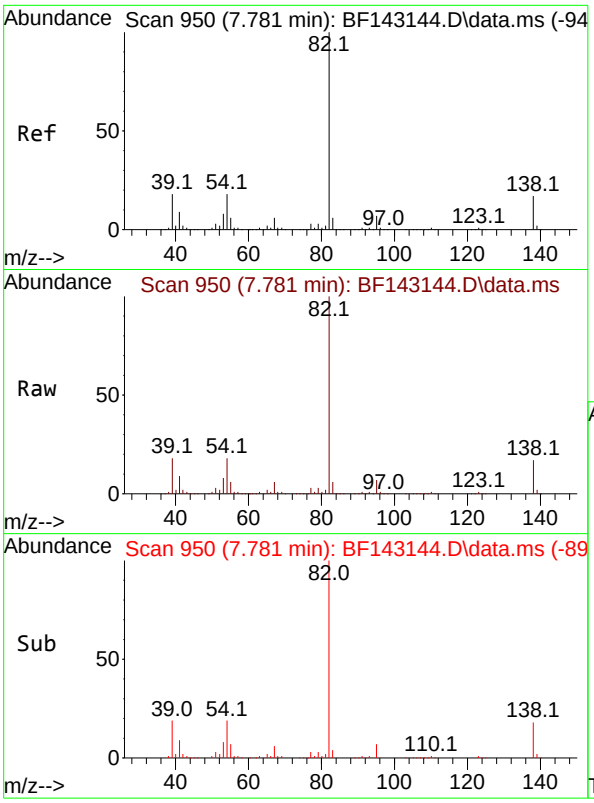


#24
Nitrobenzene
Concen: 40.136 ng
RT: 7.545 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 77 Resp: 481500

Ion	Ratio	Lower	Upper
77	100		
123	45.1	36.1	54.1
65	14.3	11.4	17.2



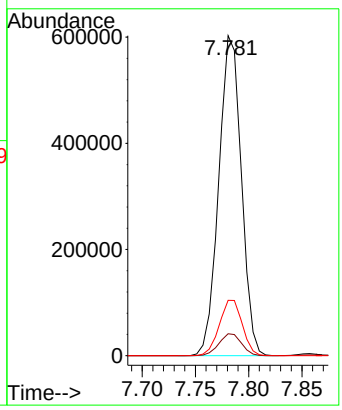


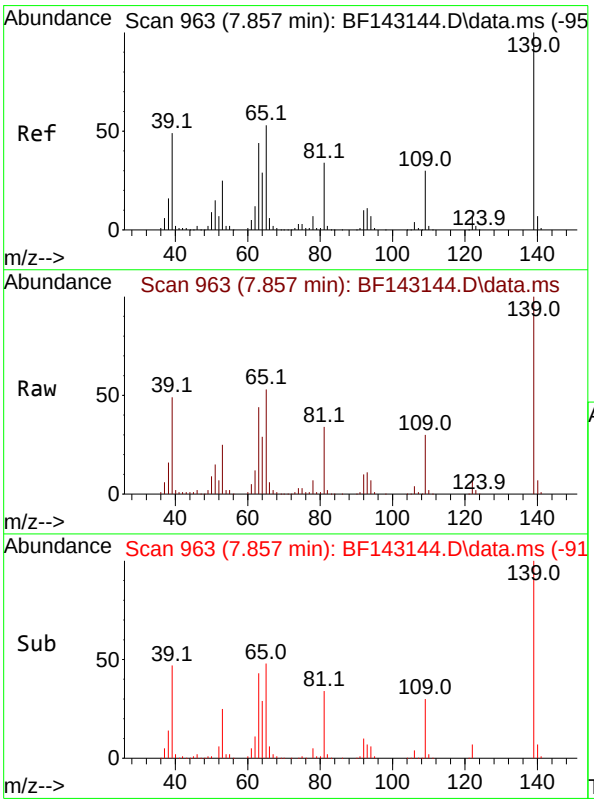
#25
Isophorone
Concen: 39.093 ng
RT: 7.781 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 888017

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.5	8.3
138	17.3	13.8	20.8

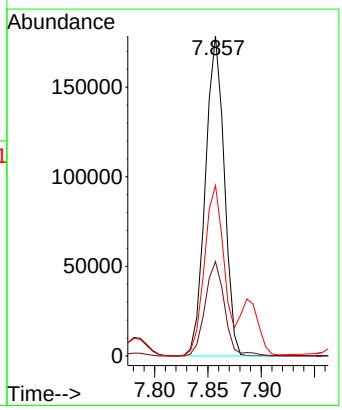


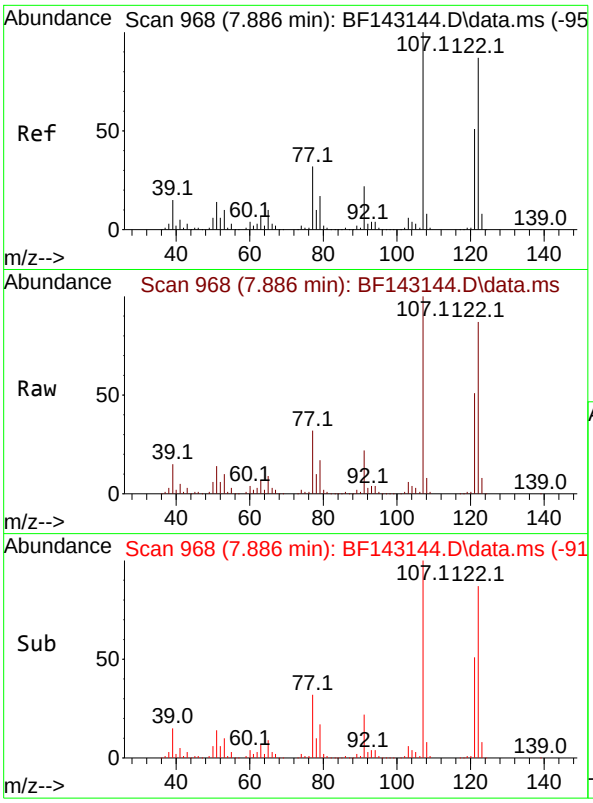


#26
2-Nitrophenol
Concen: 42.323 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:139 Resp: 220354

Ion	Ratio	Lower	Upper
139	100		
109	29.5	23.6	35.4
65	53.3	42.6	64.0



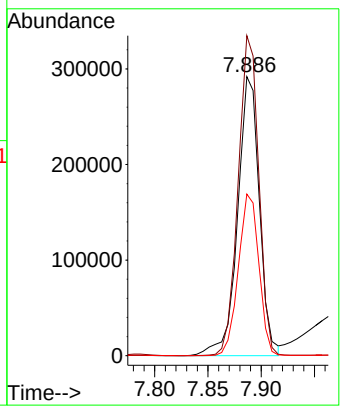


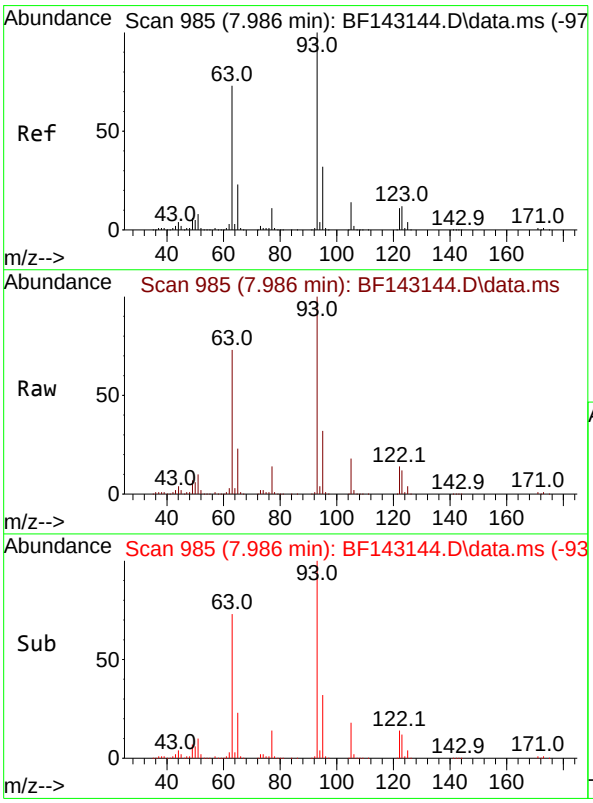
#27
2,4-Dimethylphenol
Concen: 39.210 ng
RT: 7.886 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:122 Resp: 416128

Ion	Ratio	Lower	Upper
122	100		
107	114.7	91.8	137.6
121	57.9	46.3	69.5

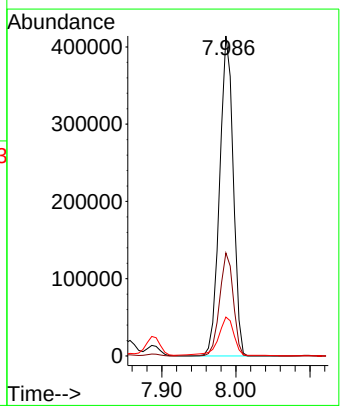


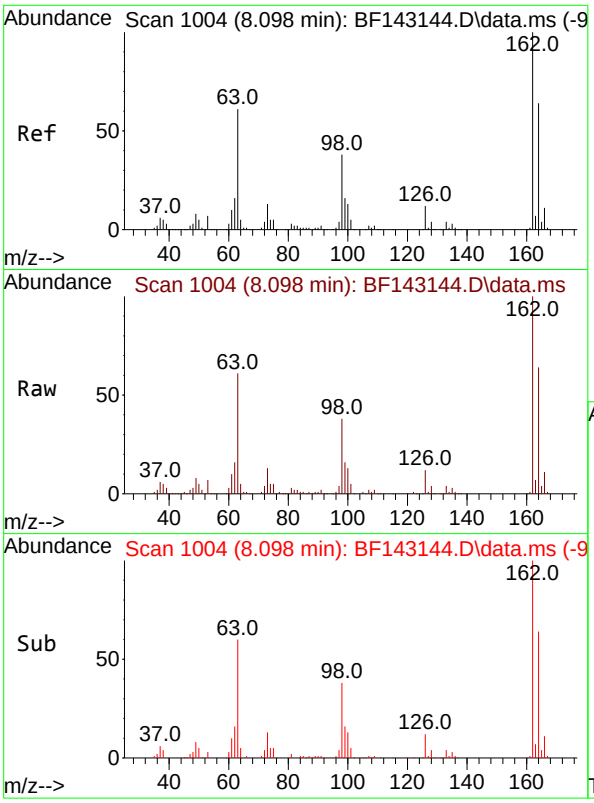


#28
bis(2-Chloroethoxy)methane
Concen: 38.860 ng
RT: 7.986 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 93 Resp: 529258

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.8	38.6
123	12.1	9.7	14.5



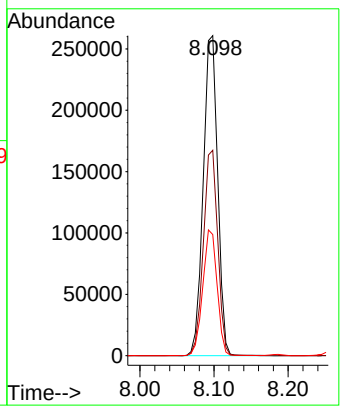


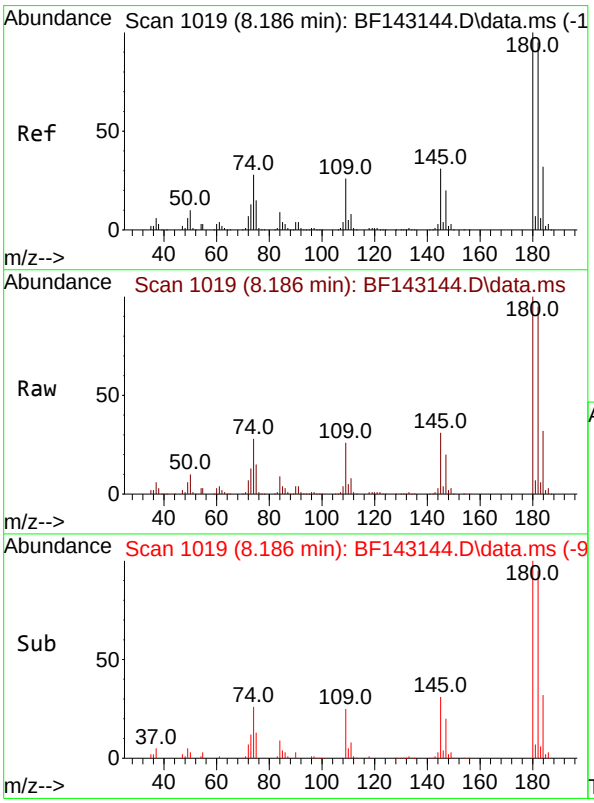
#29
2,4-Dichlorophenol
Concen: 39.537 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 353866

Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.2	84.2
98	37.9	17.9	57.9

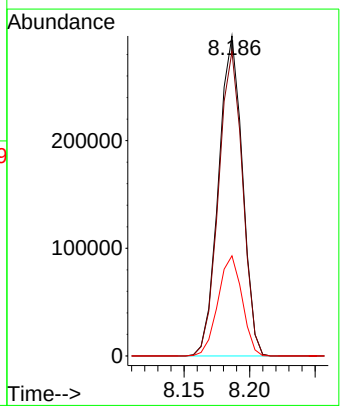


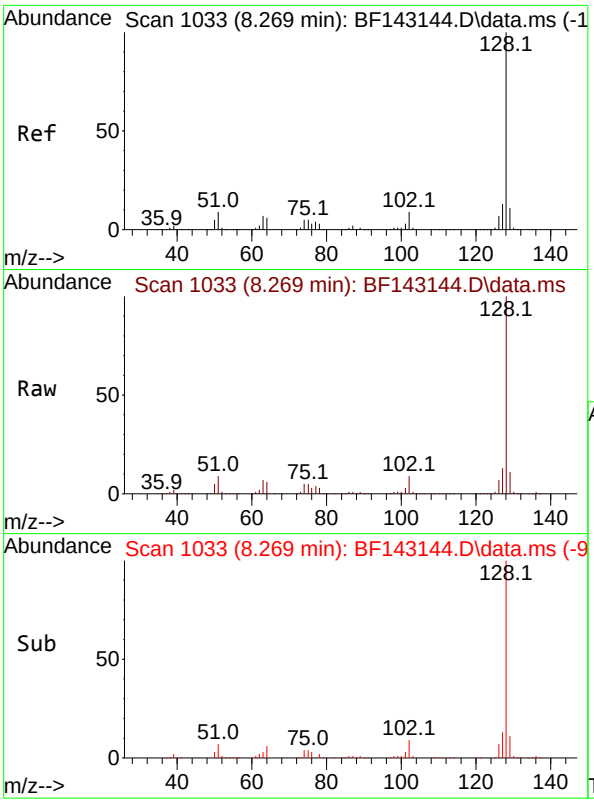


#30
1,2,4-Trichlorobenzene
Concen: 38.947 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:180 Resp: 376590

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.2	114.2
145	31.3	25.0	37.6



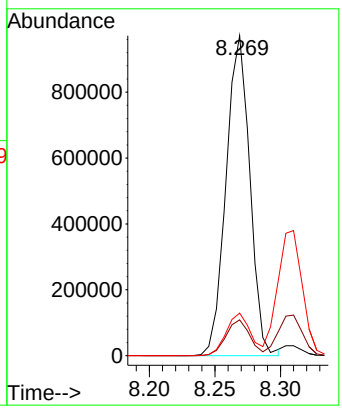


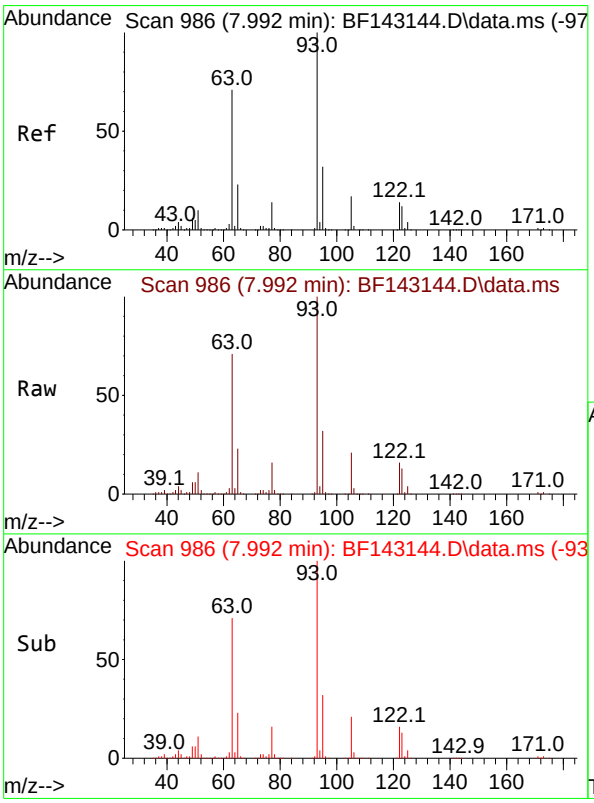
#31
Naphthalene
Concen: 38.749 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 1224033

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.3	10.6	16.0

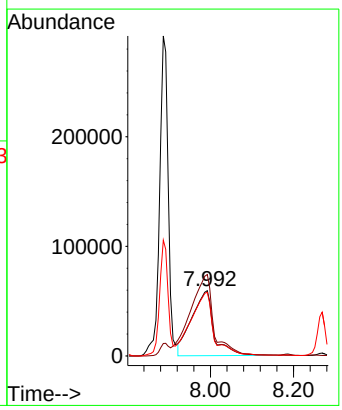


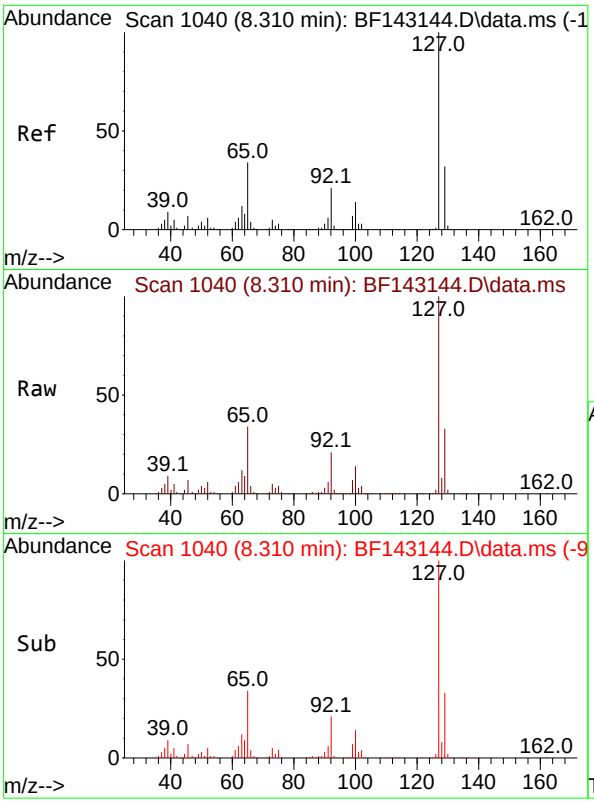


#32
Benzoic acid
Concen: 38.306 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:122 Resp: 221775

Ion	Ratio	Lower	Upper
122	100		
105	124.8	104.8	144.8
77	97.6	77.6	117.6



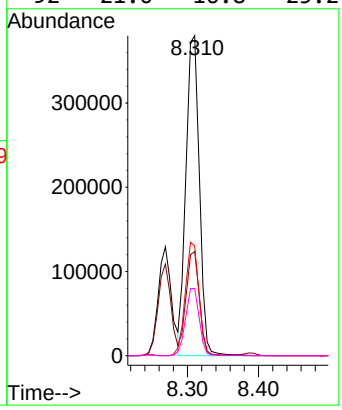


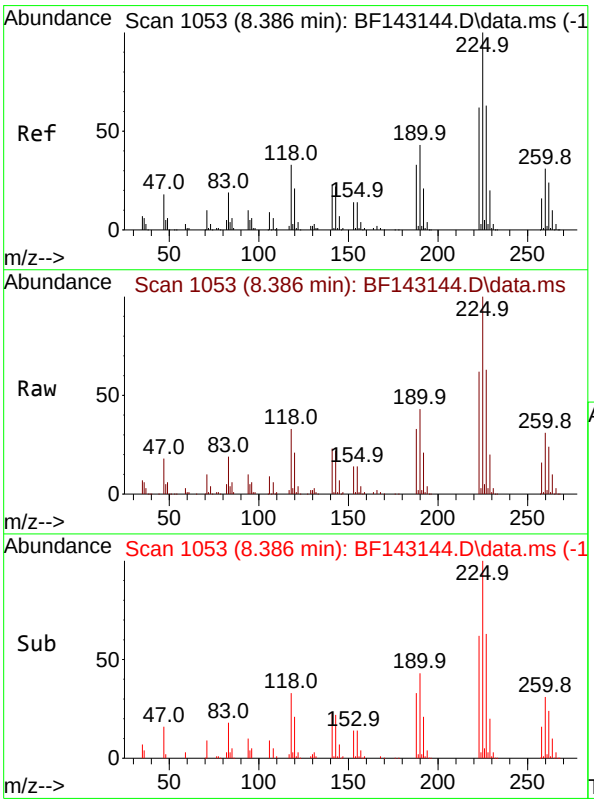
#33
4-Chloroaniline
Concen: 38.796 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 500402

Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	34.3	27.4	41.2
92	21.0	16.8	25.2

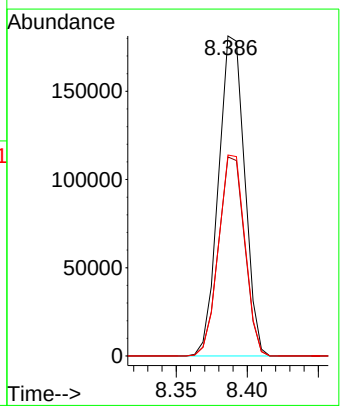


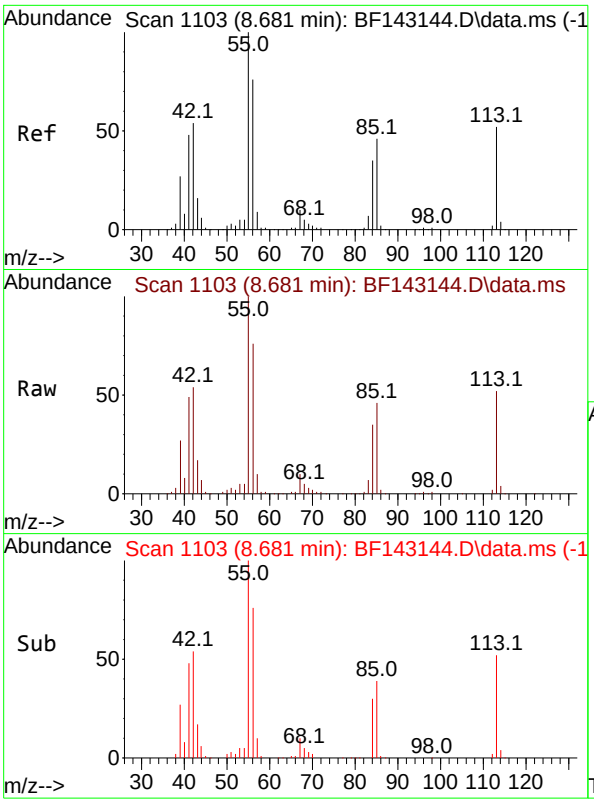


#34
Hexachlorobutadiene
Concen: 39.211 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:225 Resp: 231609

Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.8	74.6
227	62.8	50.2	75.4



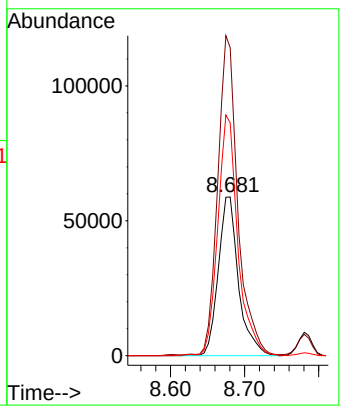


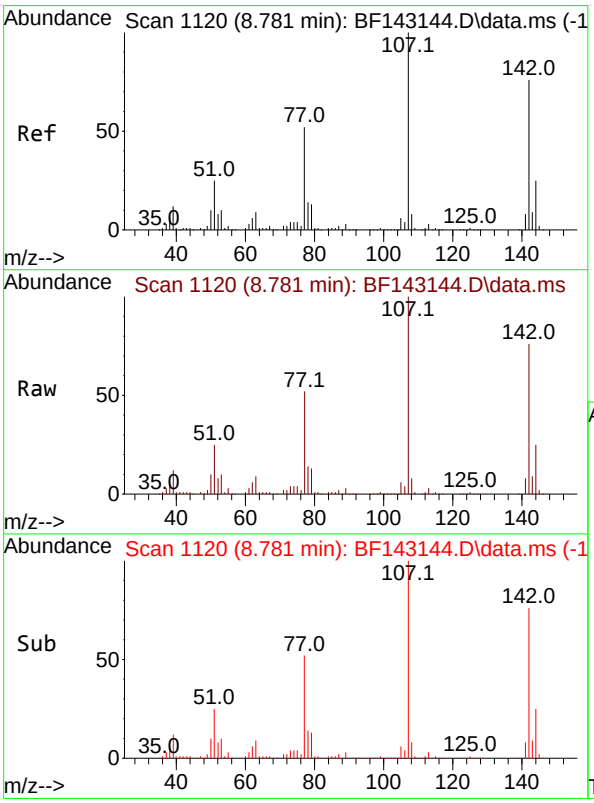
#35
Caprolactam
Concen: 41.312 ng
RT: 8.681 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 111733

Ion	Ratio	Lower	Upper
113	100		
55	194.0	174.0	214.0
56	146.6	126.6	166.6

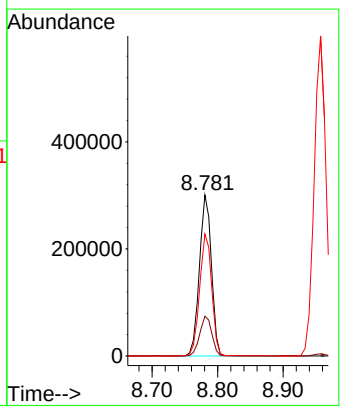


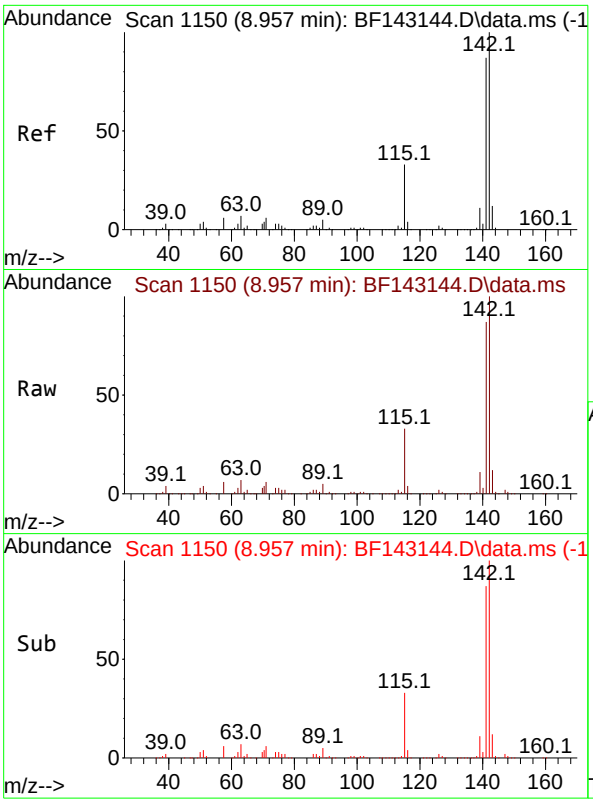


#36
4-Chloro-3-methylphenol
Concen: 39.628 ng
RT: 8.781 min Scan# 1120
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:107 Resp: 385507

Ion	Ratio	Lower	Upper
107	100		
144	24.7	19.8	29.6
142	75.7	60.6	90.8



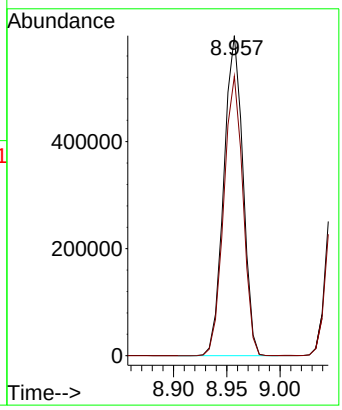


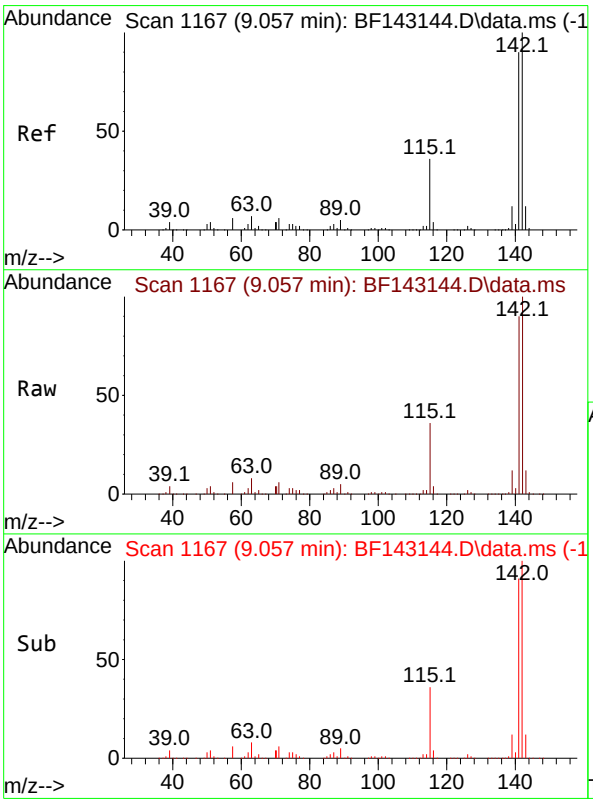
#37
2-Methylnaphthalene
Concen: 38.720 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 744295

Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.9	104.9

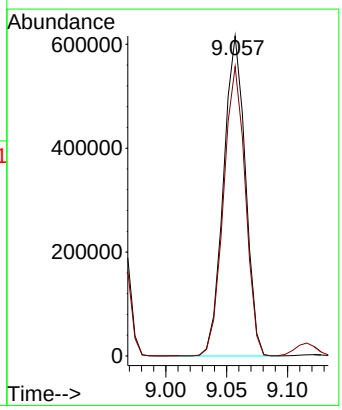


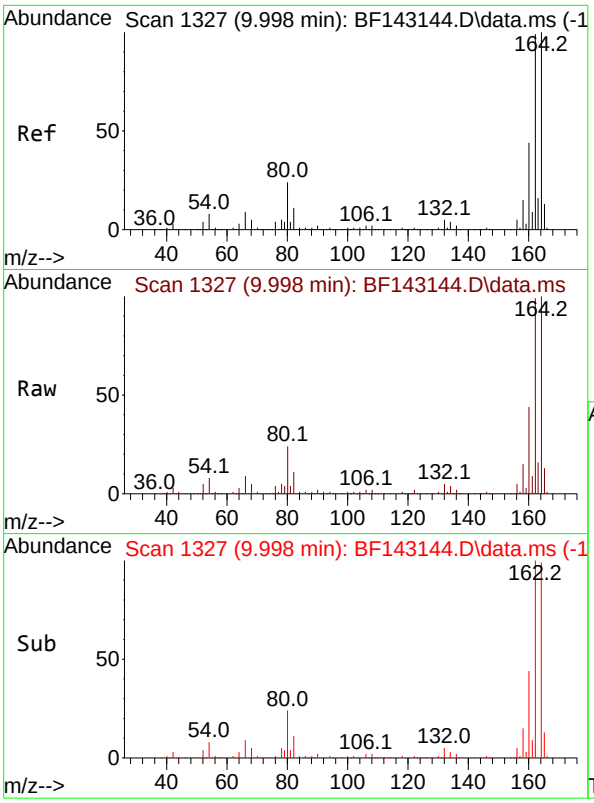


#38
1-Methylnaphthalene
Concen: 38.825 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:142 Resp: 768508

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.3	108.5



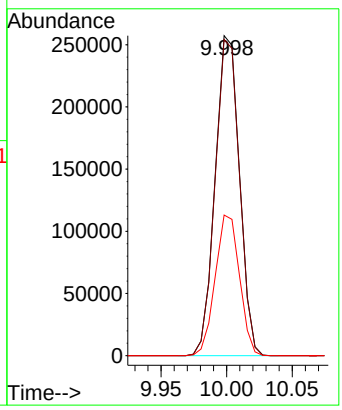


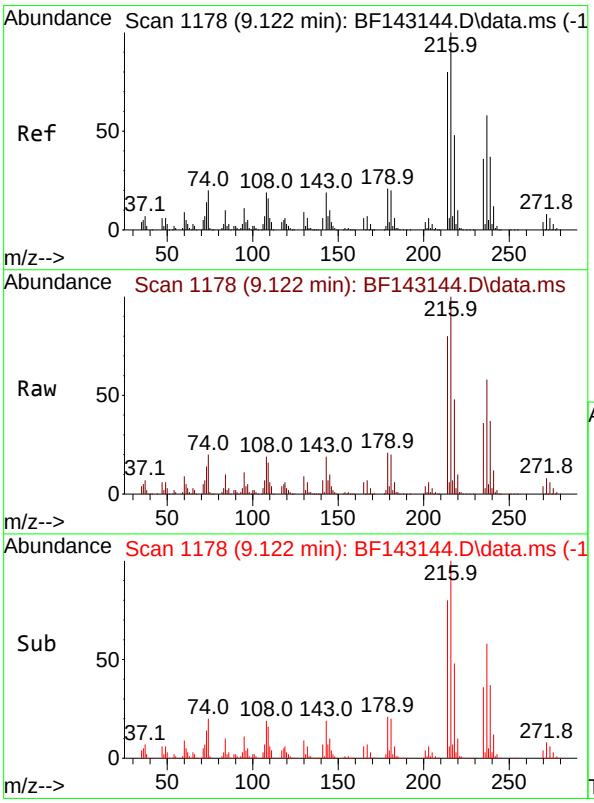
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 331881

Ion	Ratio	Lower	Upper
164	100		
162	98.8	79.0	118.6
160	43.9	35.1	52.7

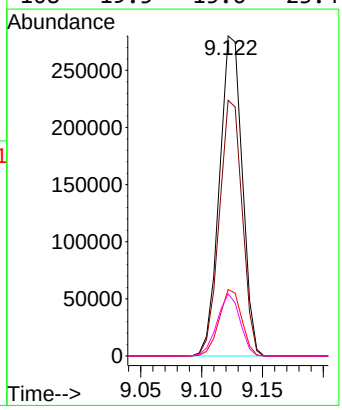


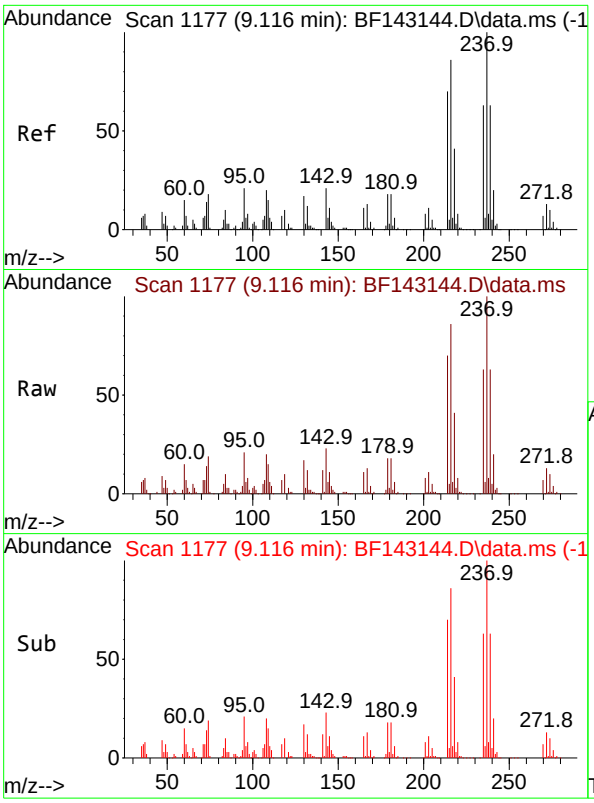


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.118 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:216 Resp: 365234

Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.8	95.8
179	20.5	16.4	24.6
108	19.5	15.6	23.4



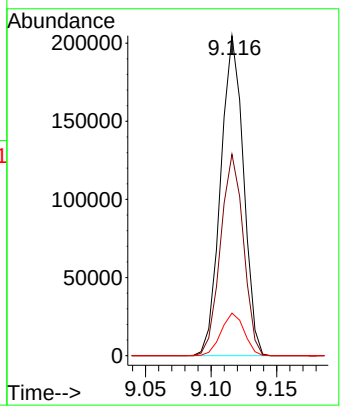


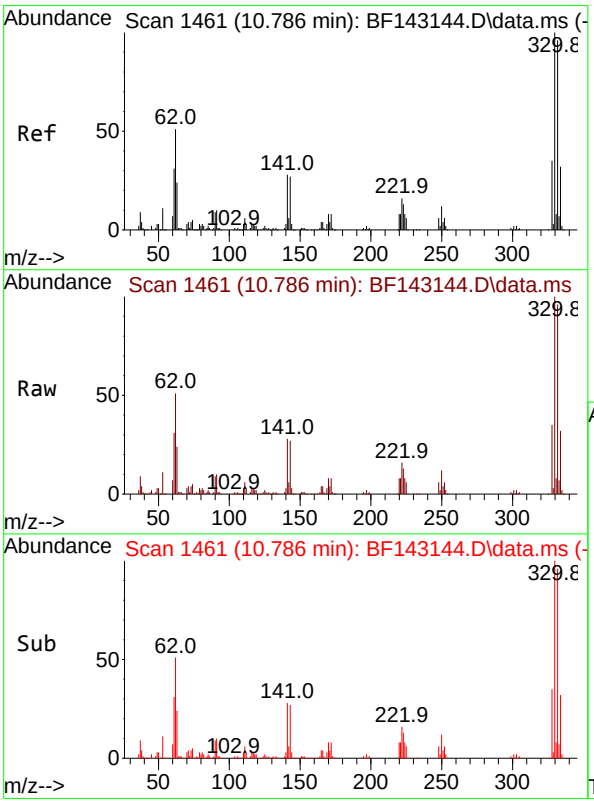
#41
Hexachlorocyclopentadiene
Concen: 39.695 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 247480

Ion	Ratio	Lower	Upper
237	100		
235	63.0	43.0	83.0
272	13.3	0.0	33.3

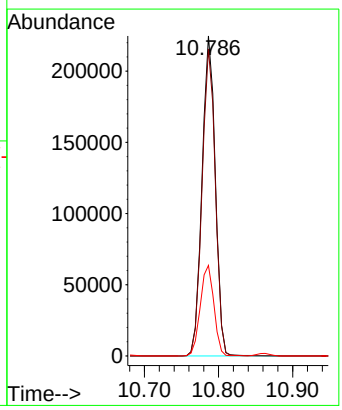


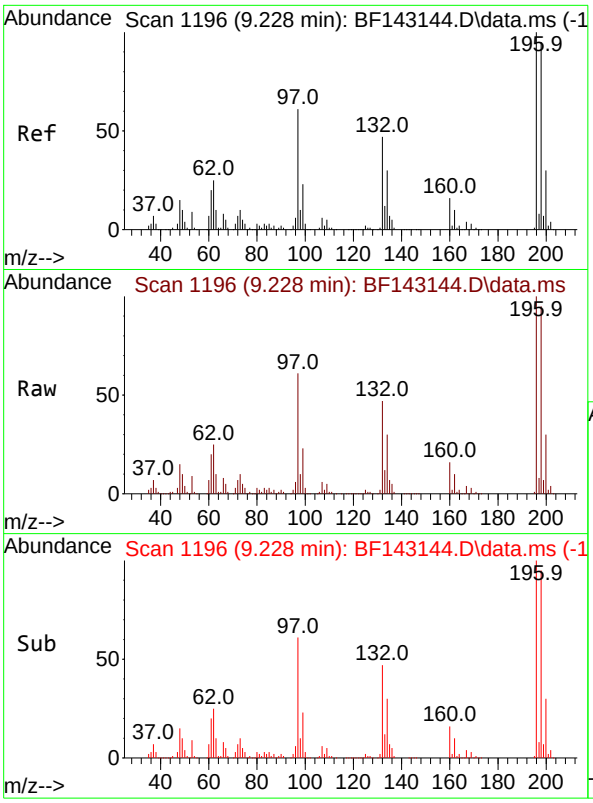


#42
2,4,6-Tribromophenol
Concen: 81.485 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:330 Resp: 279373

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.7	115.1
141	29.1	23.3	34.9



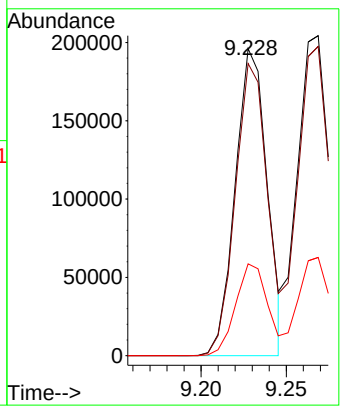


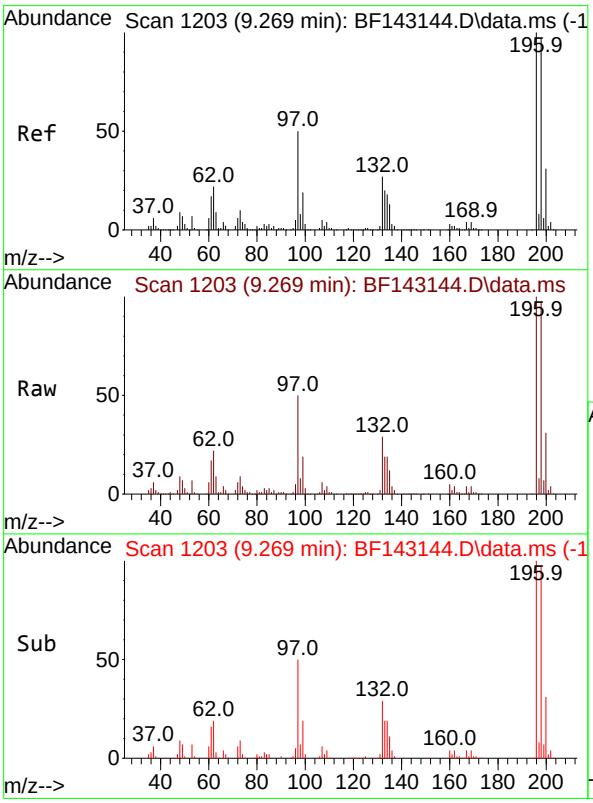
#43
2,4,6-Trichlorophenol
Concen: 38.471 ng
RT: 9.228 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:196 Resp: 255115

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
200	29.9	23.9	35.9

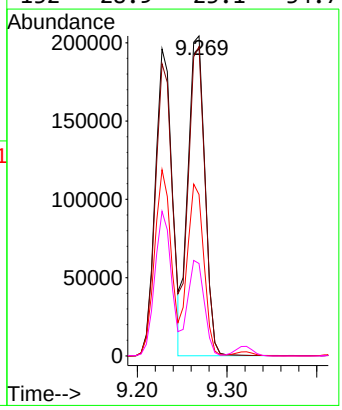


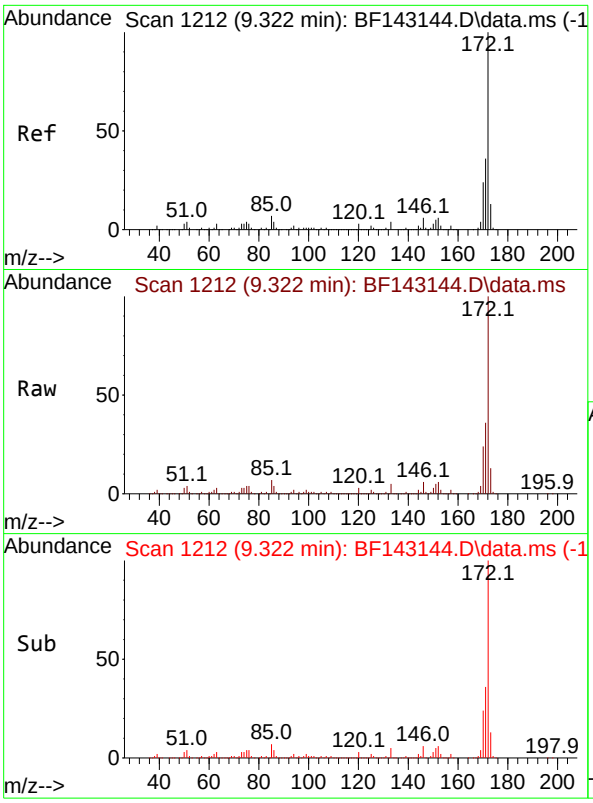


#44
2,4,5-Trichlorophenol
Concen: 40.494 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:196 Resp: 268615

Ion	Ratio	Lower	Upper
196	100		
198	96.6	77.3	115.9
97	50.4	40.3	60.5
132	28.9	23.1	34.7



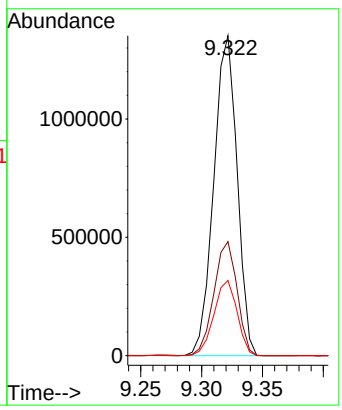


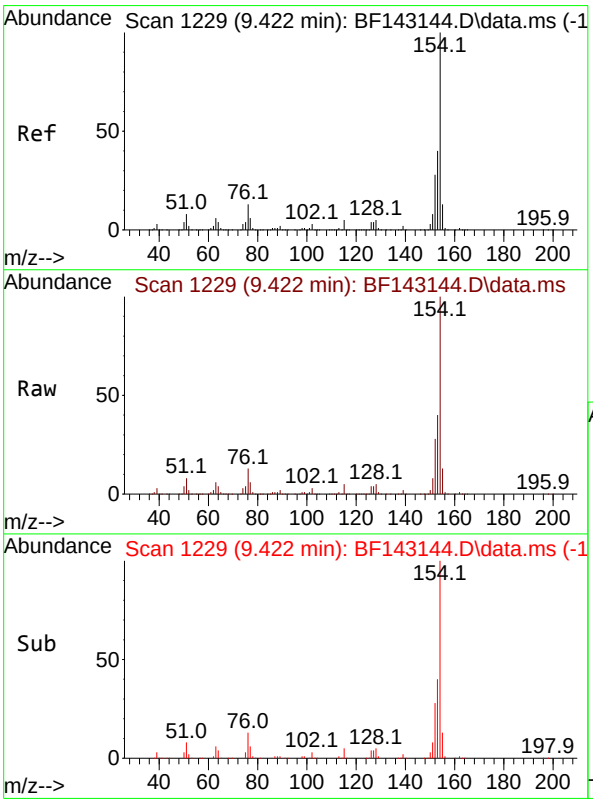
#45
2-Fluorobiphenyl
Concen: 74.274 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp: 1802398

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.5	18.8	28.2

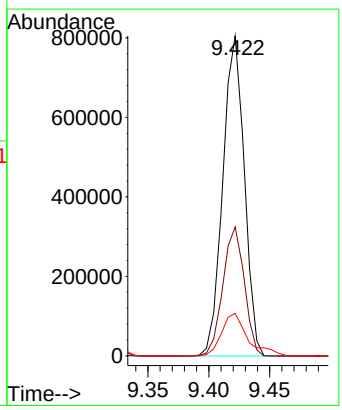


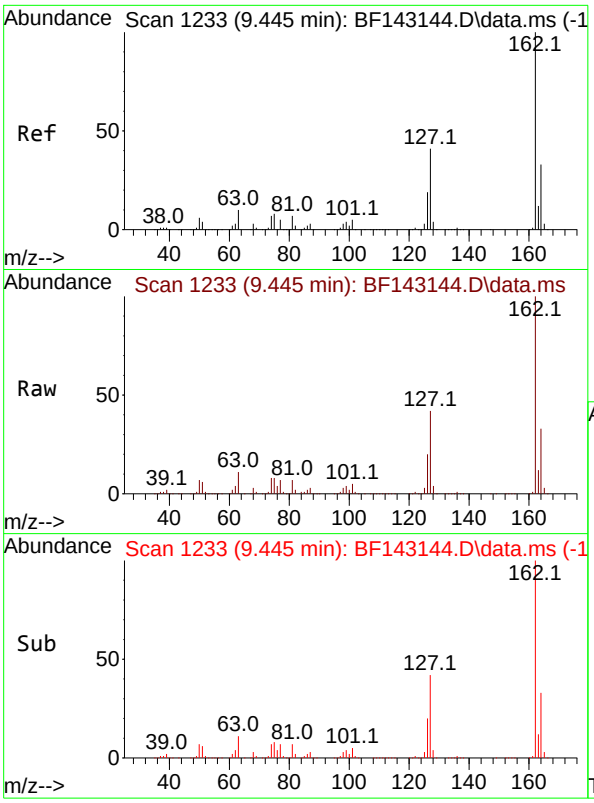


#46
1,1'-Biphenyl
Concen: 38.177 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:154 Resp: 988537

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.3	60.3
76	13.3	0.0	33.3



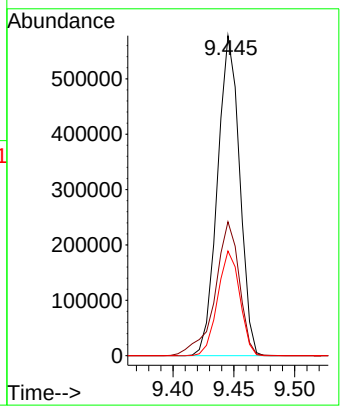


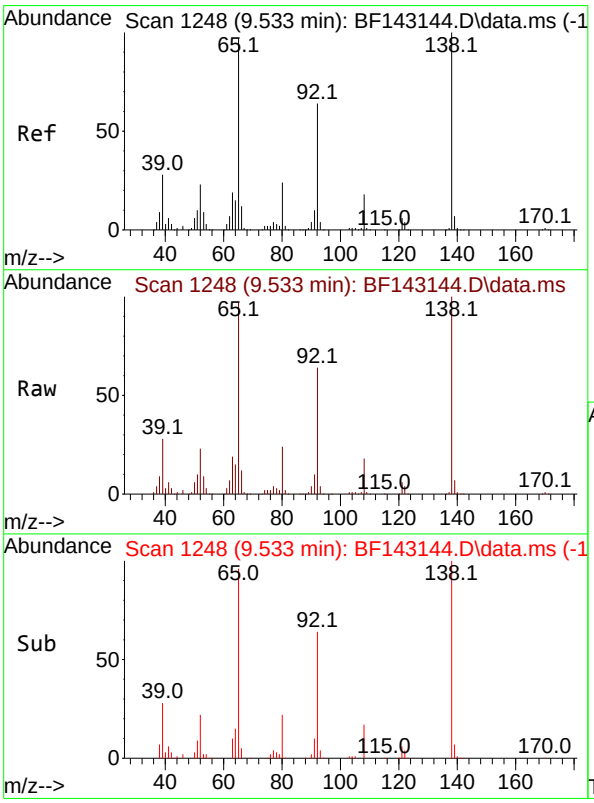
#47
2-Chloronaphthalene
Concen: 38.200 ng
RT: 9.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 731879

Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.4	50.2
164	32.7	26.2	39.2

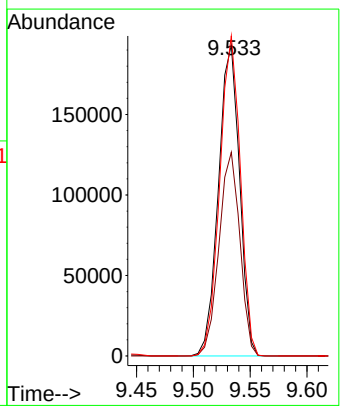


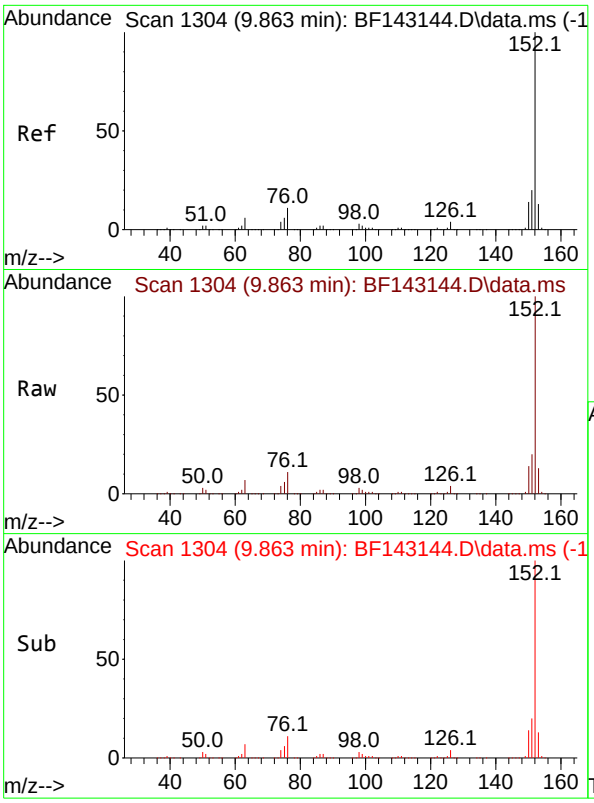


#48
2-Nitroaniline
Concen: 41.594 ng
RT: 9.533 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 65 Resp: 249908

Ion	Ratio	Lower	Upper
65	100		
92	65.5	52.4	78.6
138	102.9	82.3	123.5



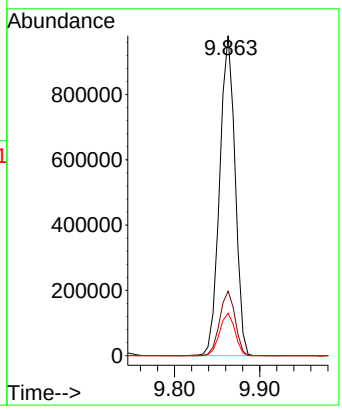


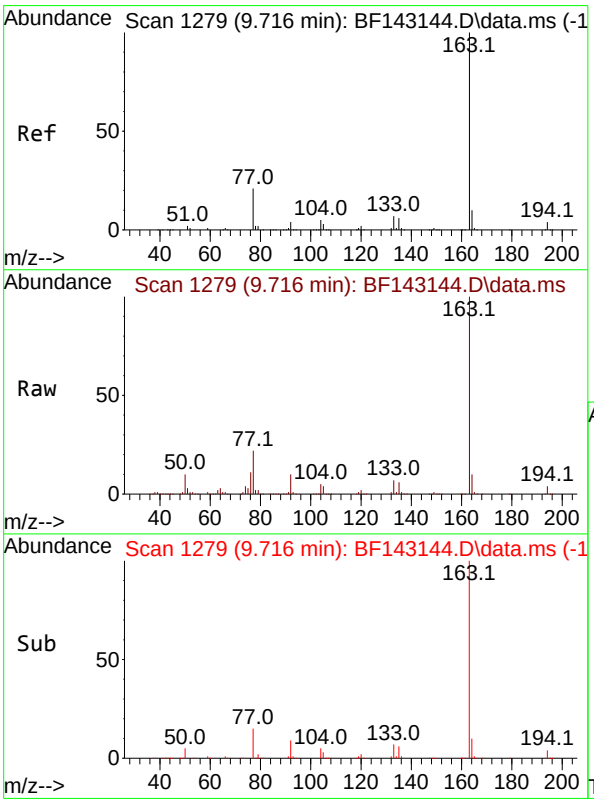
#49
Acenaphthylene
Concen: 38.458 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 1234789

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.3	10.6	16.0

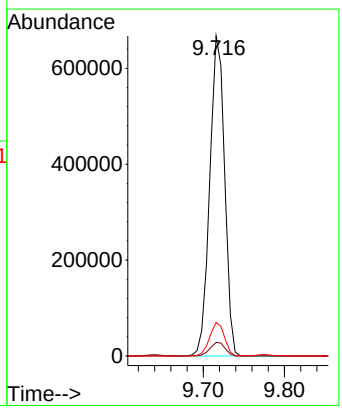


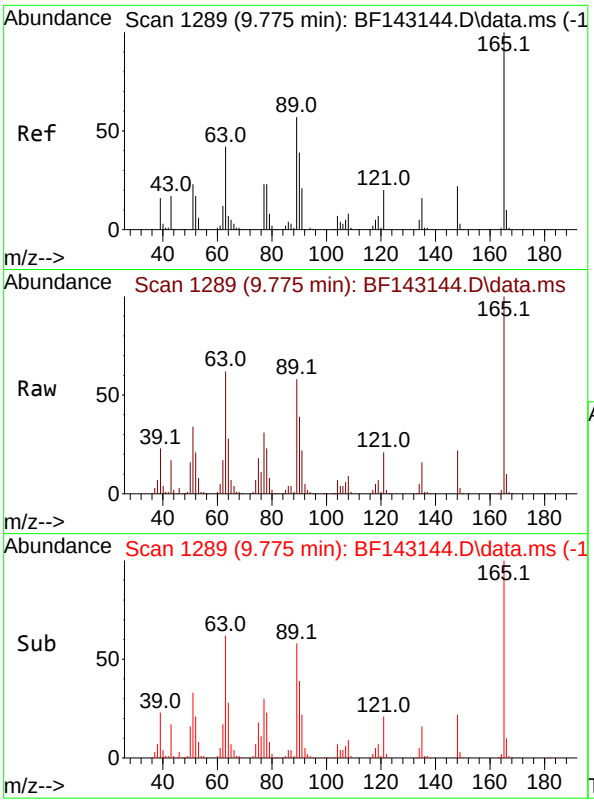


#50
Dimethylphthalate
Concen: 39.238 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:163 Resp: 848828

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.4	8.3	12.5



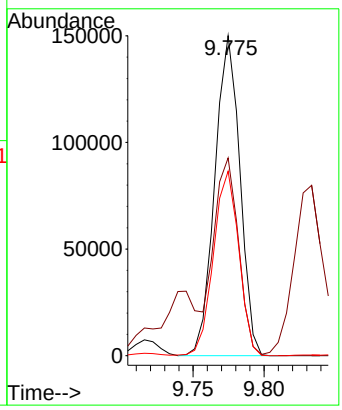


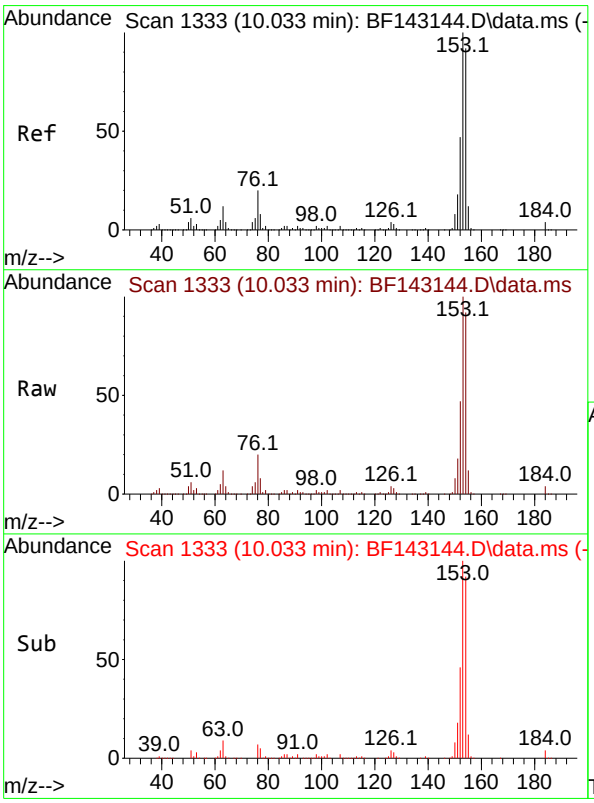
#51
2,6-Dinitrotoluene
Concen: 41.866 ng
RT: 9.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 184242

Ion	Ratio	Lower	Upper
165	100		
63	61.8	49.4	74.2
89	57.7	46.2	69.2

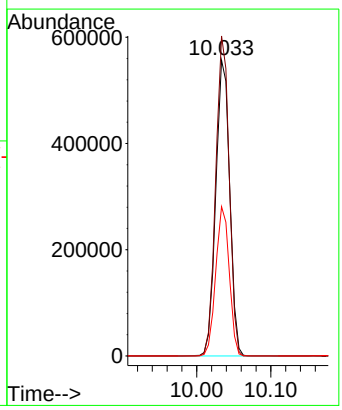


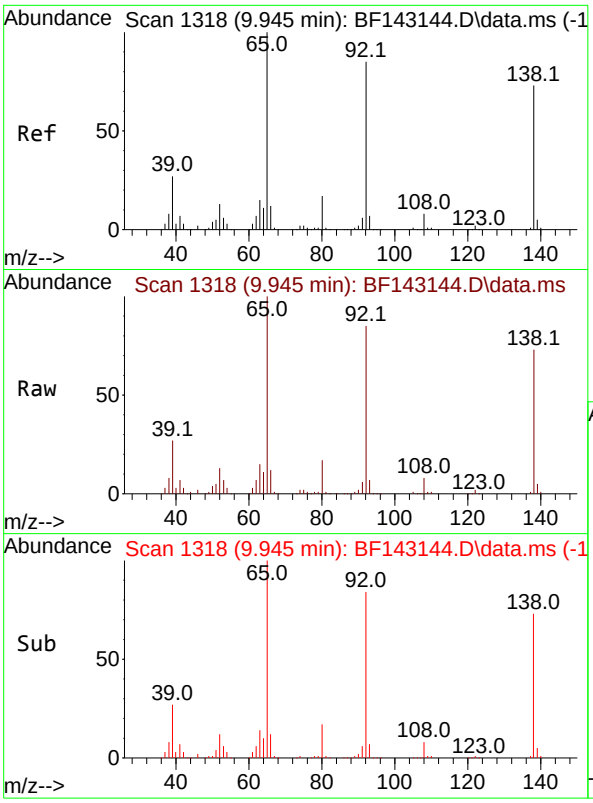


#52
Acenaphthene
Concen: 38.330 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:154 Resp: 727386

Ion	Ratio	Lower	Upper
154	100		
153	108.2	86.6	129.8
152	50.5	40.4	60.6



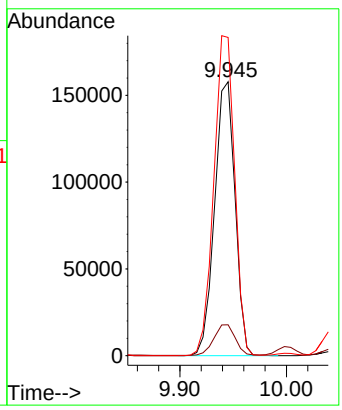


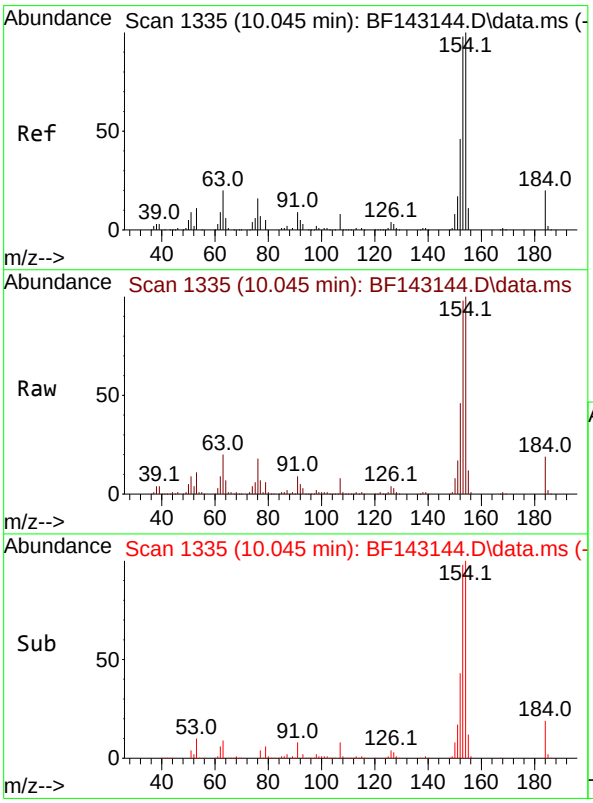
#53
3-Nitroaniline
Concen: 40.832 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 210179

Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.0	13.6
92	116.2	93.0	139.4

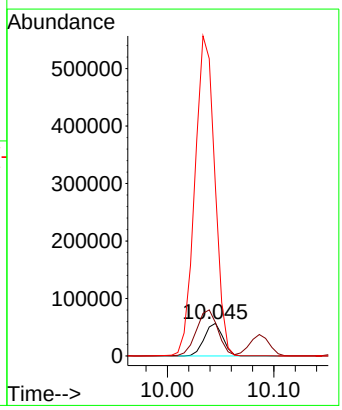


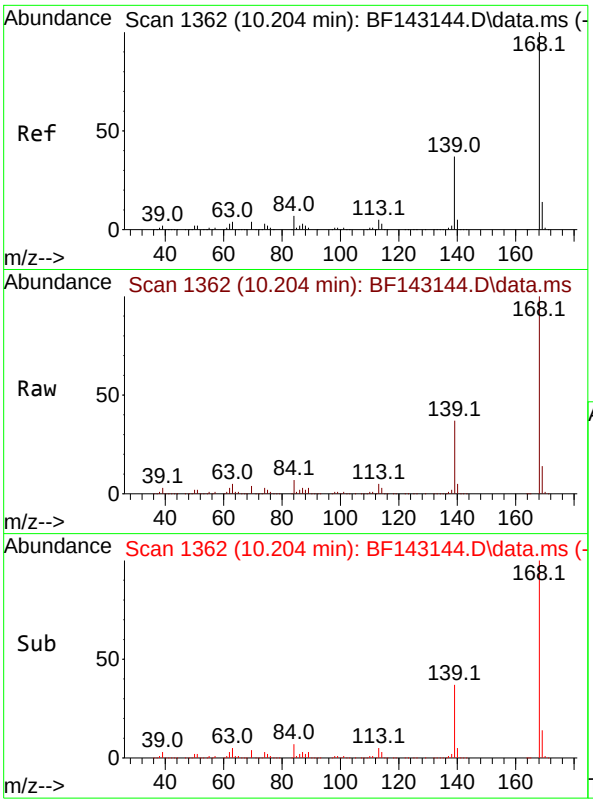


#54
2,4-Dinitrophenol
Concen: 38.449 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:184 Resp: 69157

Ion	Ratio	Lower	Upper
184	100		
63	102.2	81.8	122.6
154	515.3	412.2	618.4



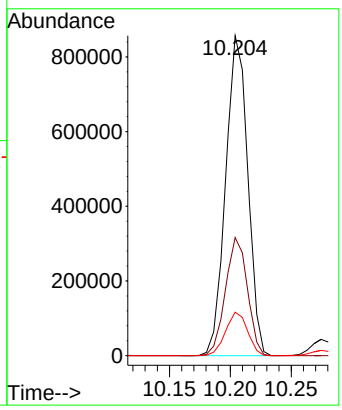


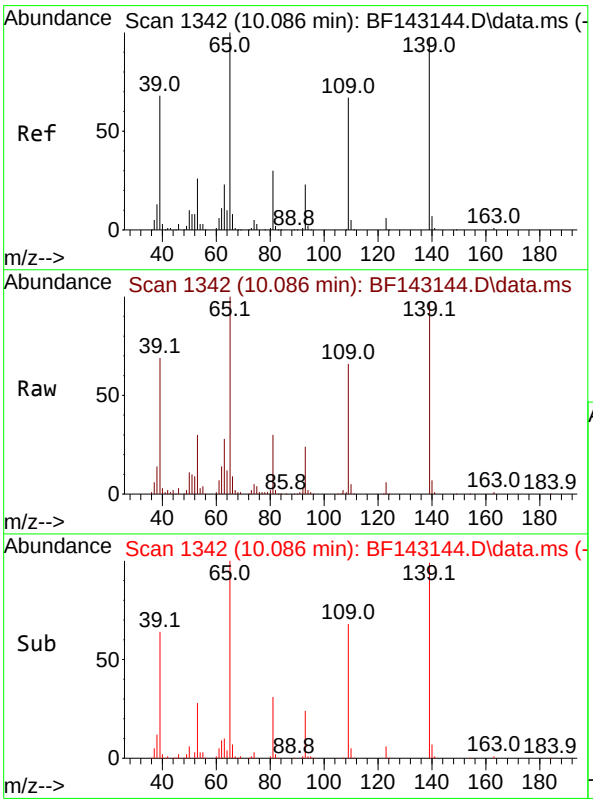
#55
Dibenzofuran
Concen: 38.462 ng
RT: 10.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 1083678

Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.5	44.3
169	13.6	10.9	16.3

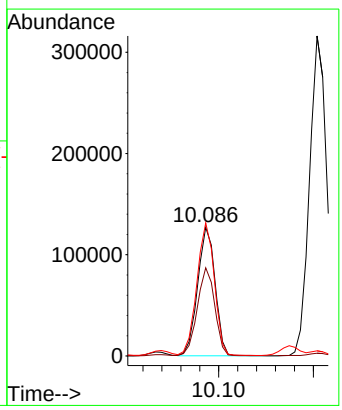


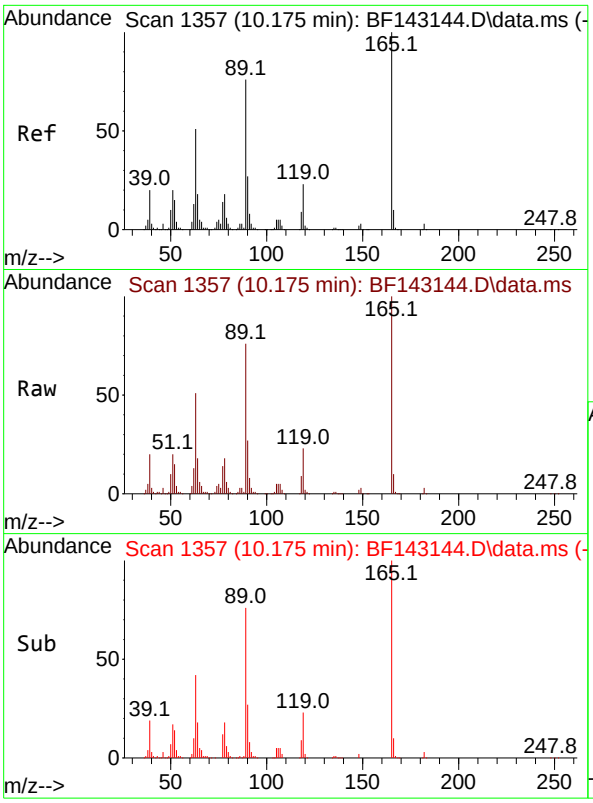


#56
4-Nitrophenol
Concen: 42.408 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:139 Resp: 163009

Ion	Ratio	Lower	Upper
139	100		
109	68.5	48.5	88.5
65	103.4	83.4	123.4



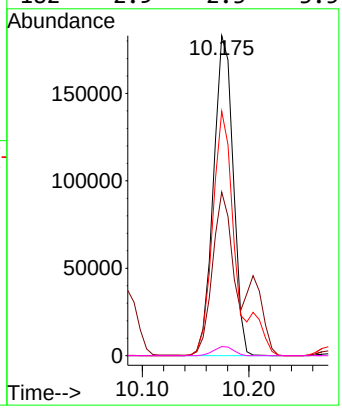


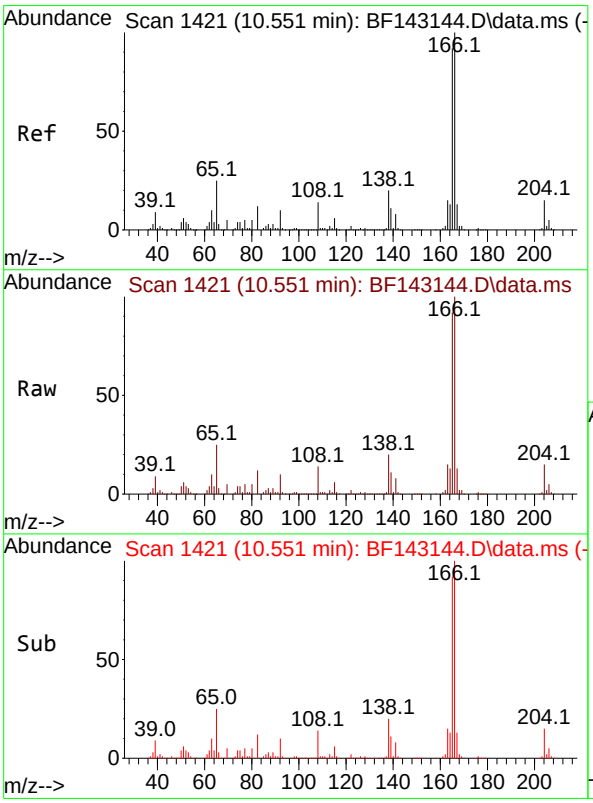
#57
2,4-Dinitrotoluene
Concen: 42.581 ng
RT: 10.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 235101

Ion	Ratio	Lower	Upper
165	100		
63	51.2	41.0	61.4
89	76.4	61.1	91.7
182	2.9	2.3	3.5

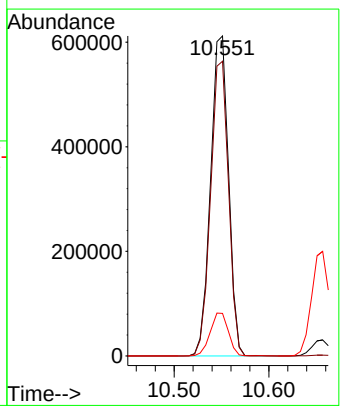


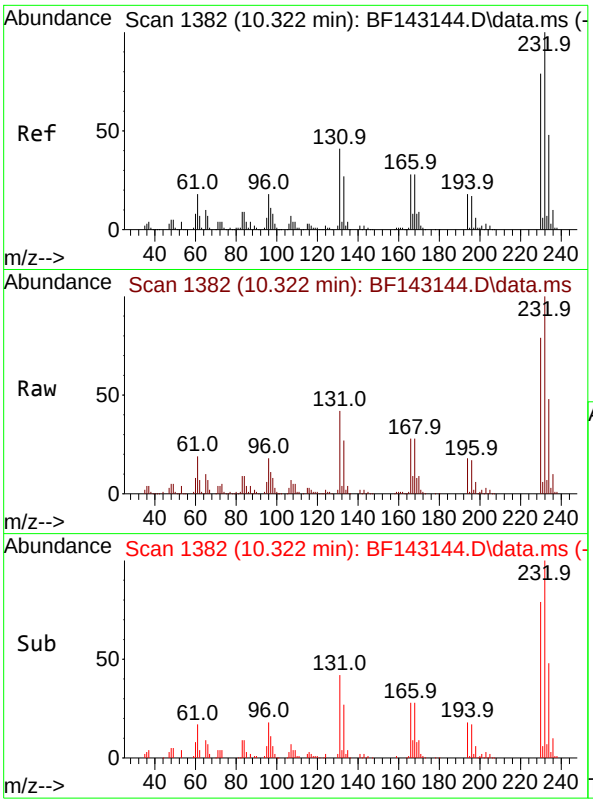


#58
Fluorene
Concen: 38.037 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:166 Resp: 804336

Ion	Ratio	Lower	Upper
166	100		
165	92.1	73.7	110.5
167	13.3	10.6	16.0



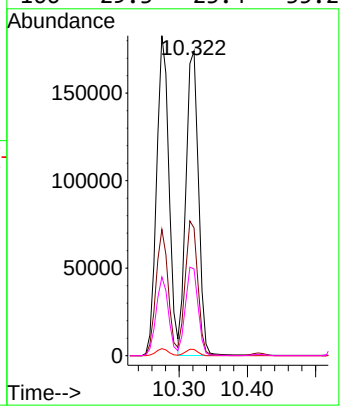


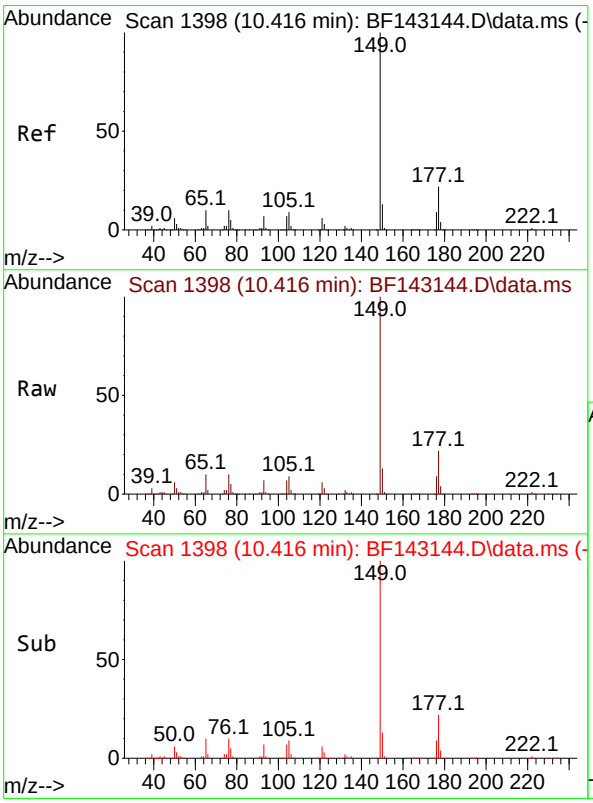
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.196 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 220872

Ion	Ratio	Lower	Upper
232	100		
131	44.1	35.3	52.9
130	2.1	1.7	2.5
166	29.3	23.4	35.2

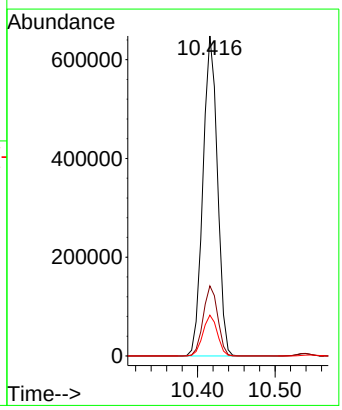


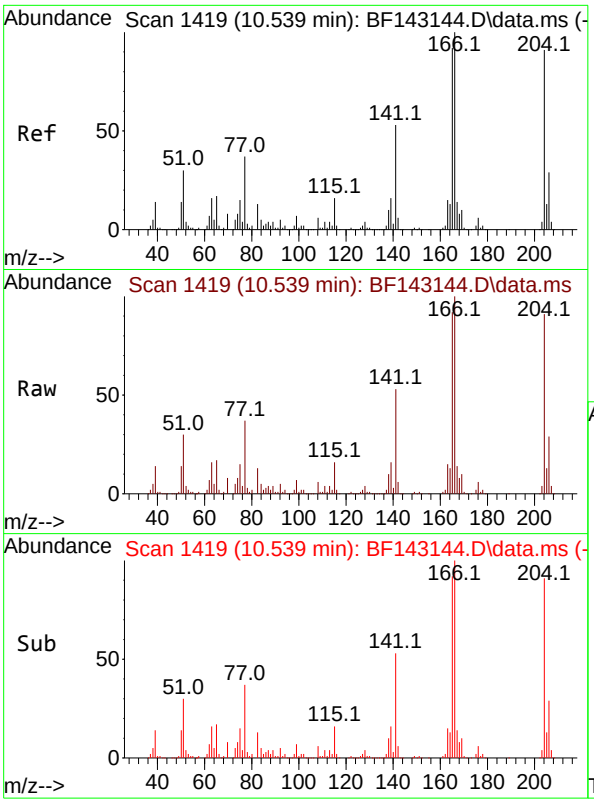


#60
Diethylphthalate
Concen: 39.387 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:149 Resp: 842184

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.5	26.3
150	12.7	10.2	15.2



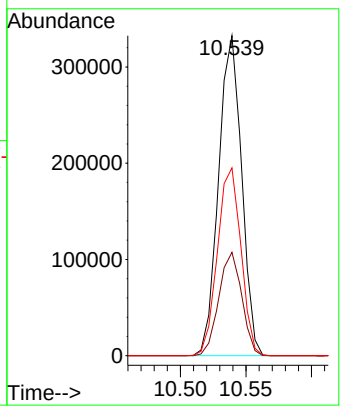


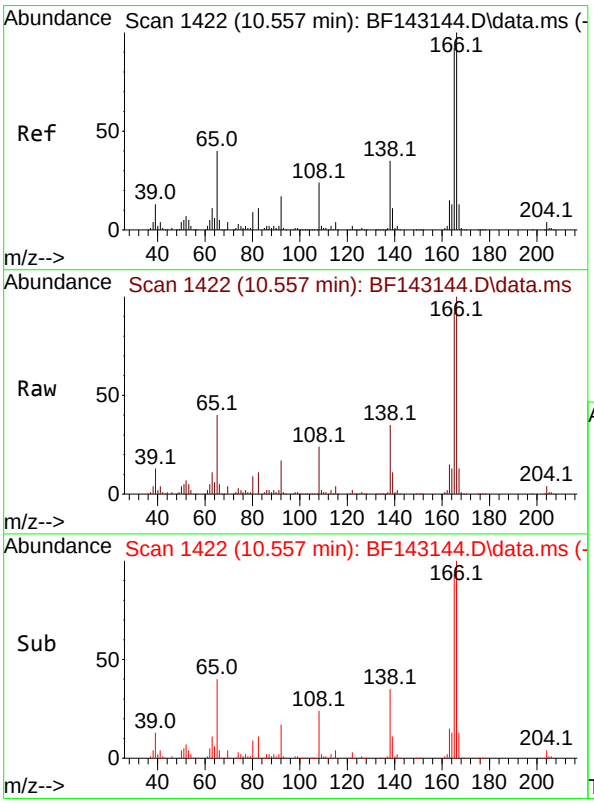
#61
4-Chlorophenyl-phenylether
Concen: 38.604 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 406477

Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.8	38.8
141	58.7	47.0	70.4

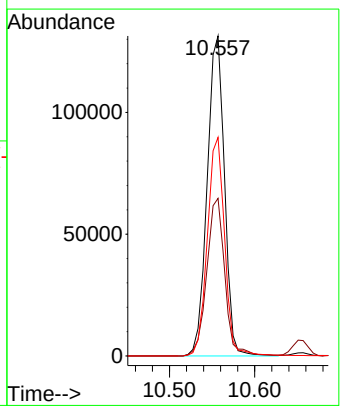


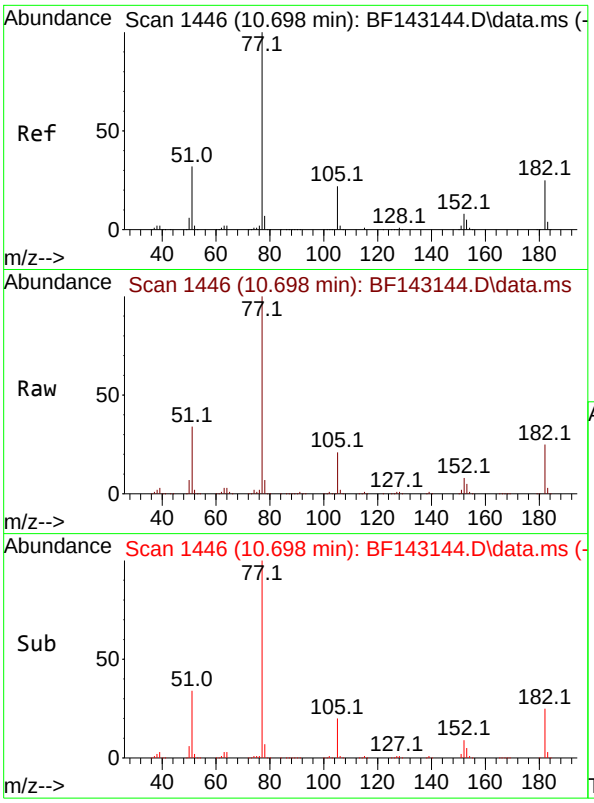


#62
4-Nitroaniline
Concen: 42.055 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:138 Resp: 185530

Ion	Ratio	Lower	Upper
138	100		
92	49.3	29.3	69.3
108	68.3	48.3	88.3



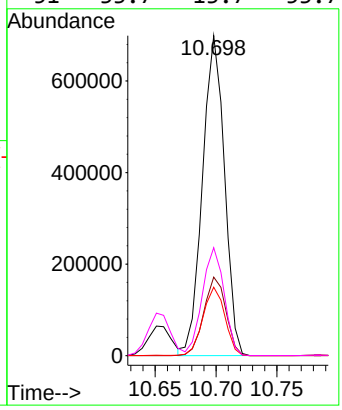


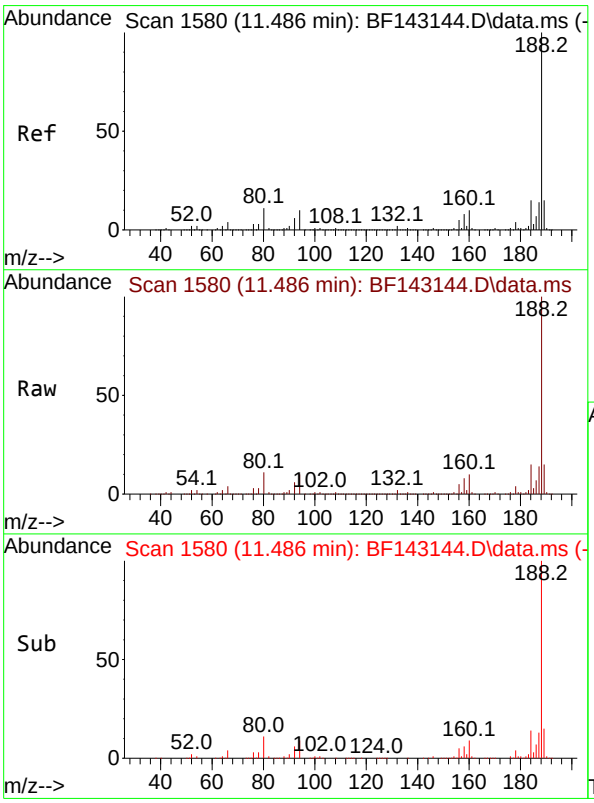
#63
Azobenzene
Concen: 39.326 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 876387

Ion	Ratio	Lower	Upper
77	100		
182	24.6	4.6	44.6
105	21.4	1.4	41.4
51	33.7	13.7	53.7

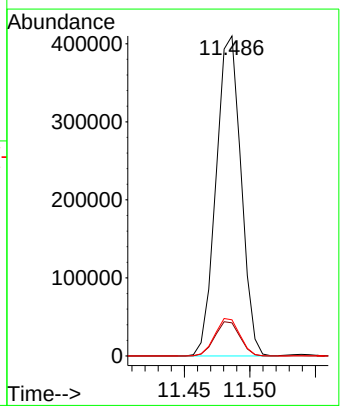


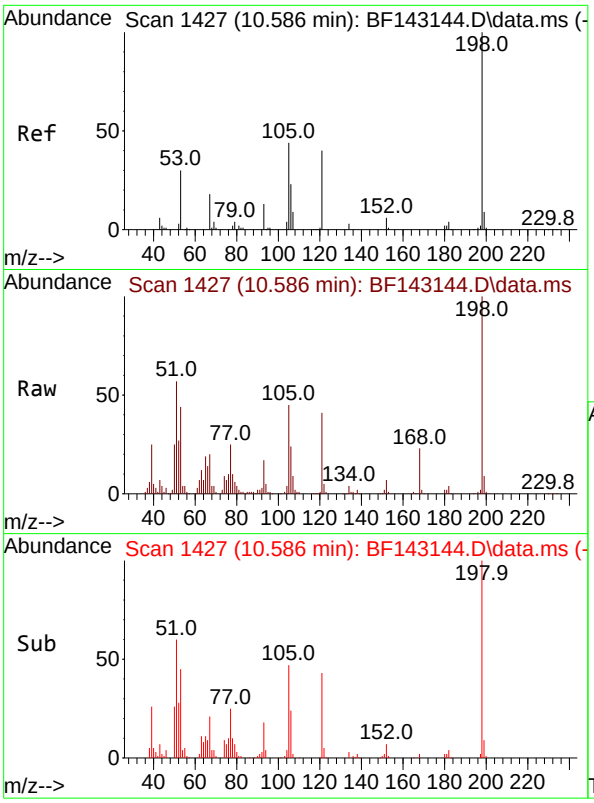


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:188 Resp: 542726

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.3	12.5
80	11.3	9.0	13.6



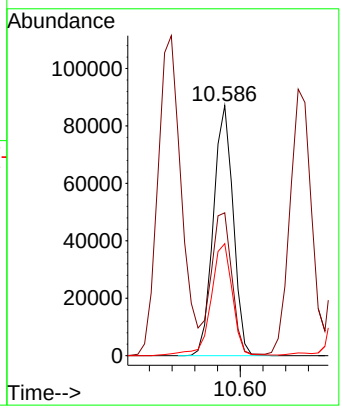


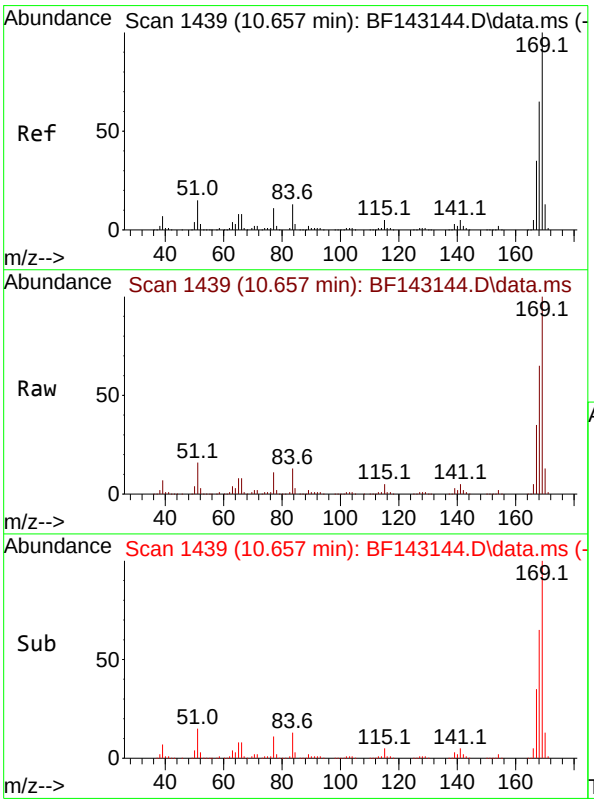
#65
4,6-Dinitro-2-methylphenol
Concen: 38.322 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 105533

Ion	Ratio	Lower	Upper
198	100		
51	57.2	37.2	77.2
105	44.8	24.8	64.8

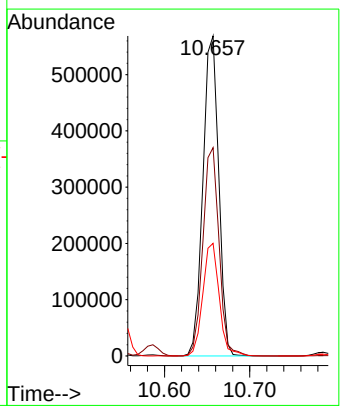


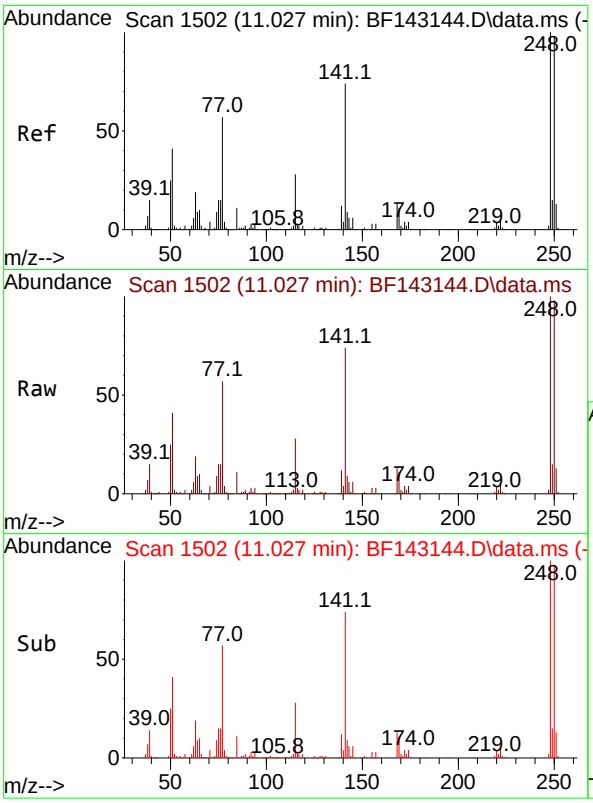


#66
n-Nitrosodiphenylamine
Concen: 38.278 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:169 Resp: 731532

Ion	Ratio	Lower	Upper
169	100		
168	65.1	52.1	78.1
167	35.2	28.2	42.2



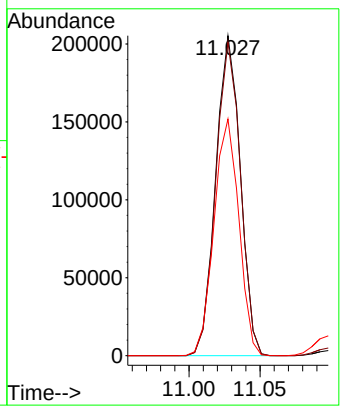


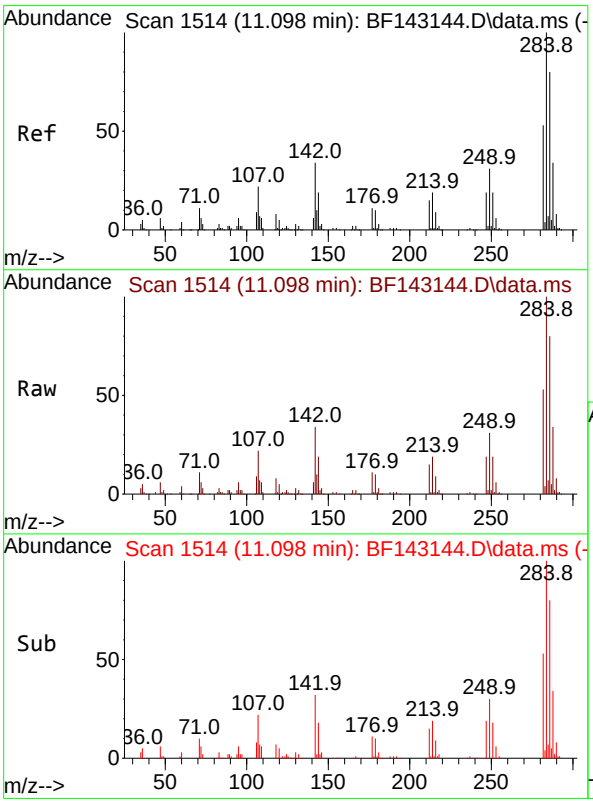
#67
4-Bromophenyl-phenylether
Concen: 38.307 ng
RT: 11.027 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 247764

Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.3	117.5
141	74.0	59.2	88.8

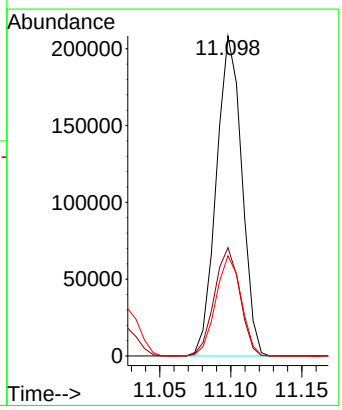


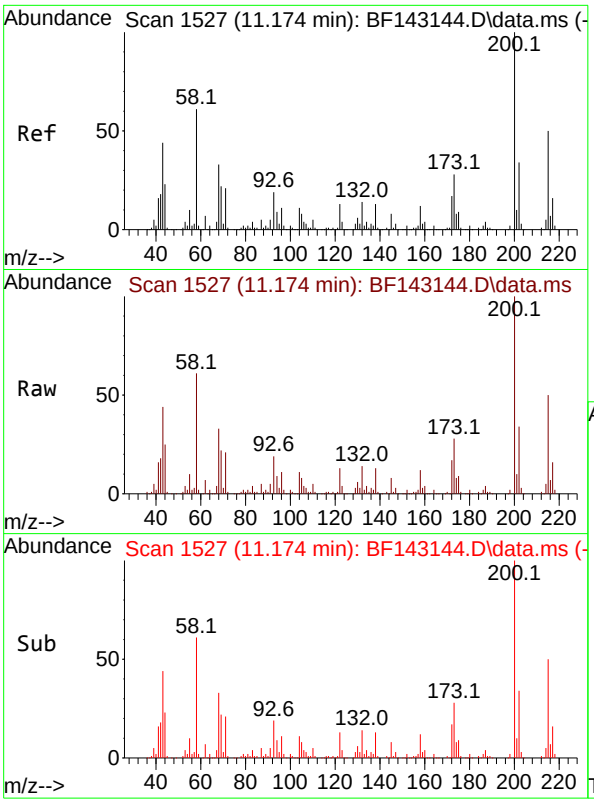


#68
Hexachlorobenzene
Concen: 38.424 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:284 Resp: 259758

Ion	Ratio	Lower	Upper
284	100		
142	33.8	27.0	40.6
249	31.3	25.0	37.6



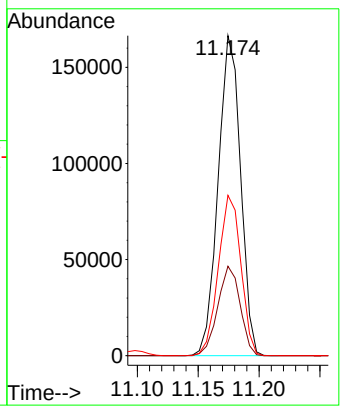


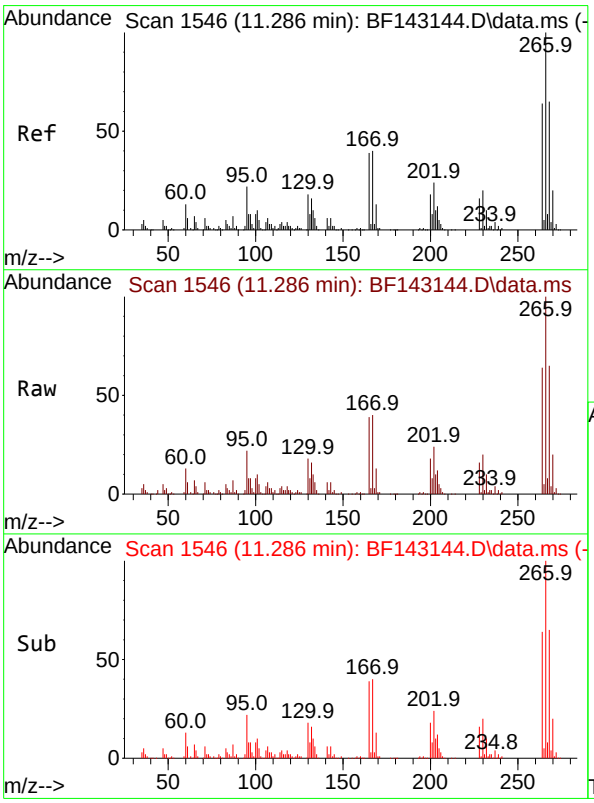
#69
Atrazine
Concen: 40.421 ng
RT: 11.174 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 212970

Ion	Ratio	Lower	Upper
200	100		
173	27.9	7.9	47.9
215	50.1	30.1	70.1

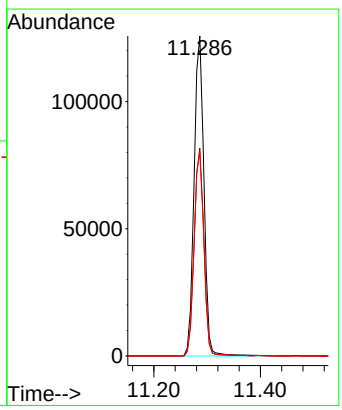


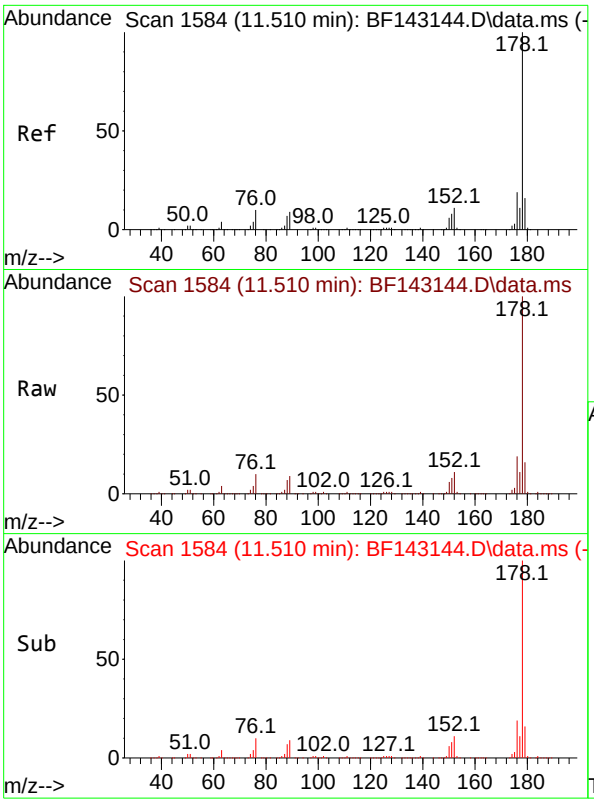


#70
Pentachlorophenol
Concen: 40.500 ng
RT: 11.286 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:266 Resp: 161013

Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.9	77.9
264	63.8	51.0	76.6



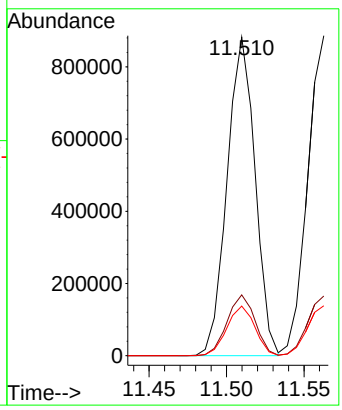


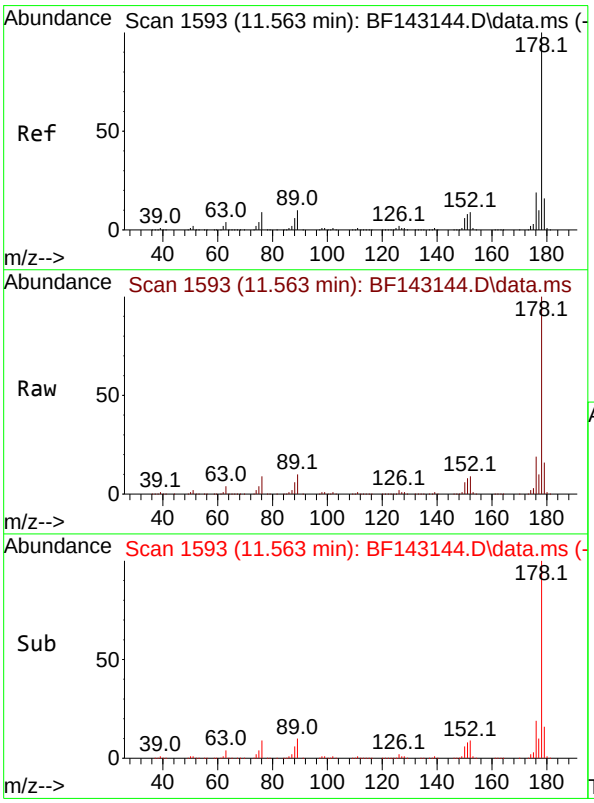
#71
Phenanthrene
Concen: 38.429 ng
RT: 11.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 1107412

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.6	12.5	18.7

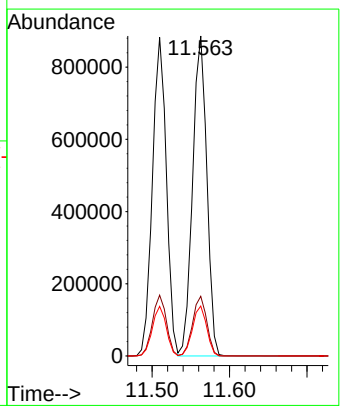


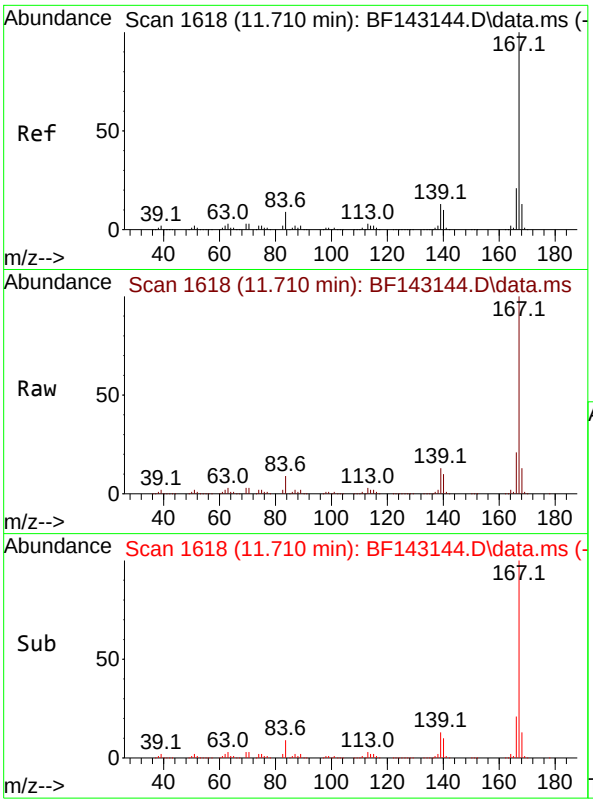


#72
Anthracene
Concen: 38.336 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:178 Resp: 1126710

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.6	12.5	18.7



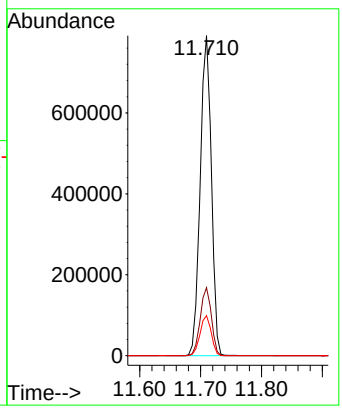


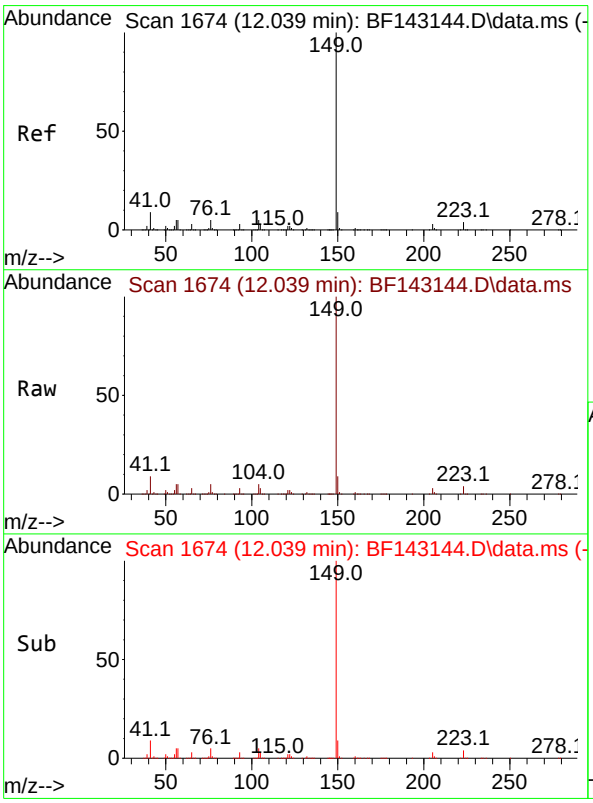
#73
Carbazole
Concen: 39.304 ng
RT: 11.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:167 Resp: 1008669

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	12.5	10.0	15.0

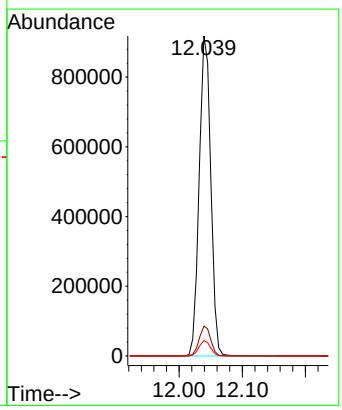


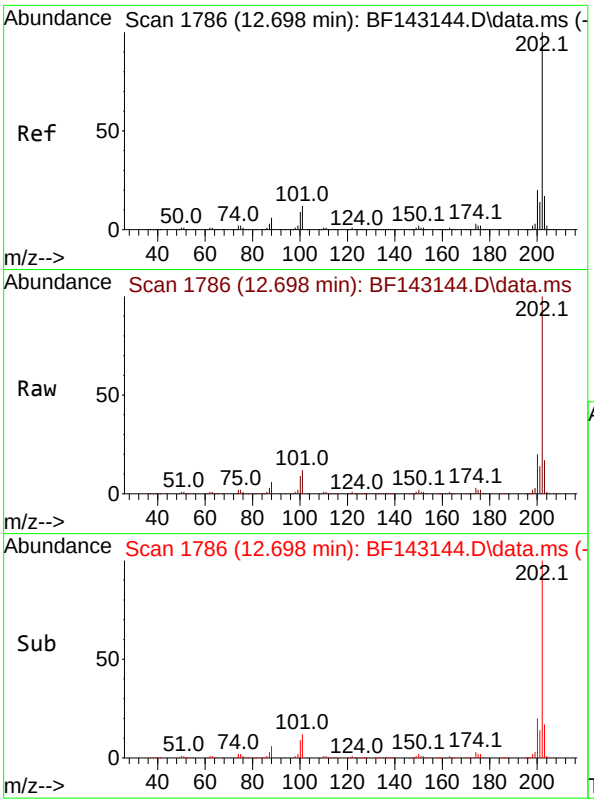


#74
Di-n-butylphthalate
Concen: 40.135 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:149 Resp: 1165443

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.8	3.8	5.8



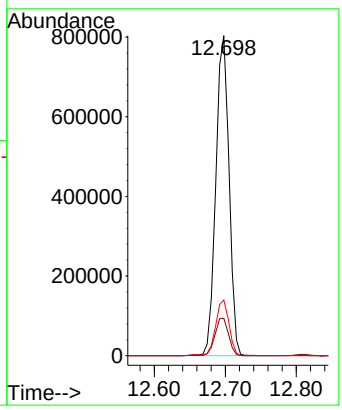


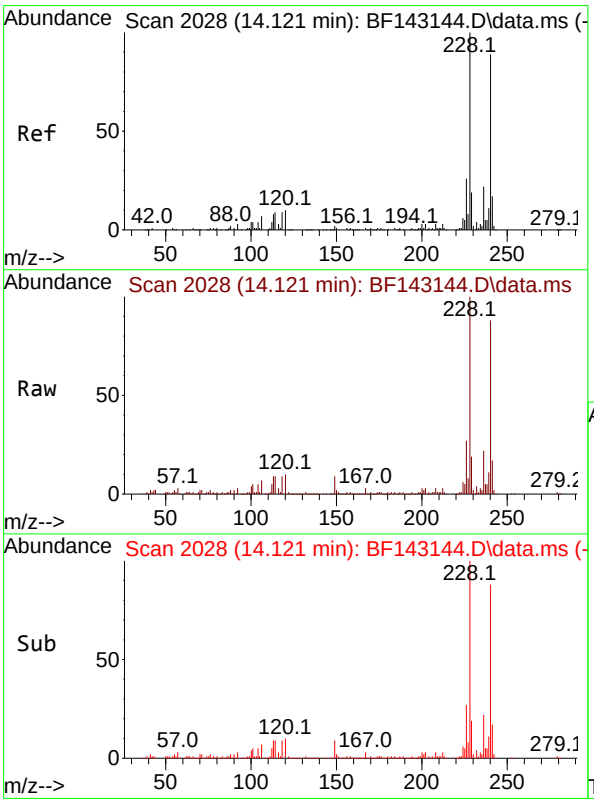
#75
Fluoranthene
Concen: 39.111 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 1034509

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.7
203	17.4	0.0	37.4

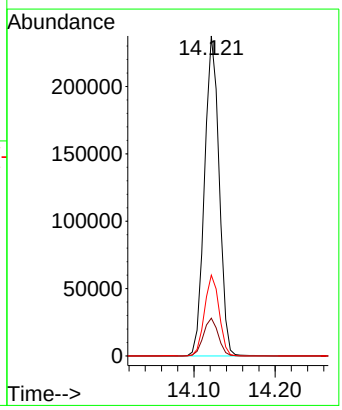


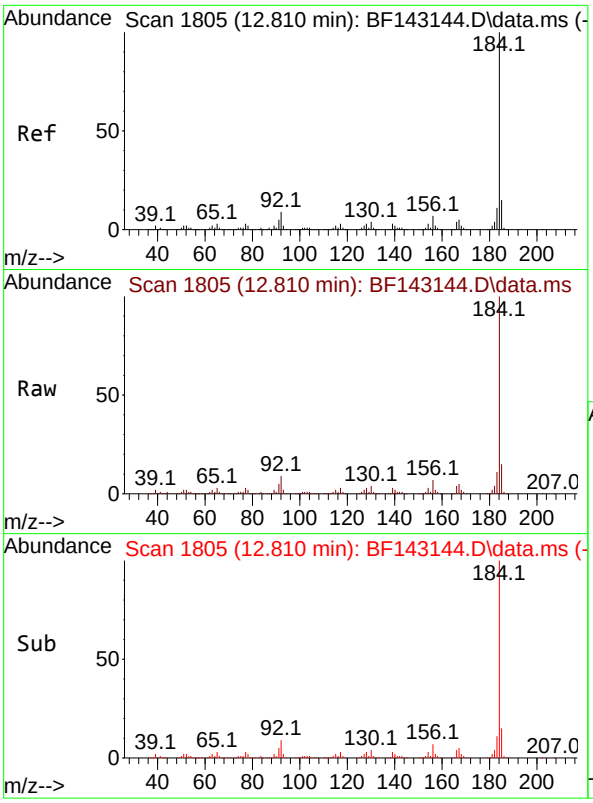


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:240 Resp: 296414

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.4	14.2
236	25.3	20.2	30.4



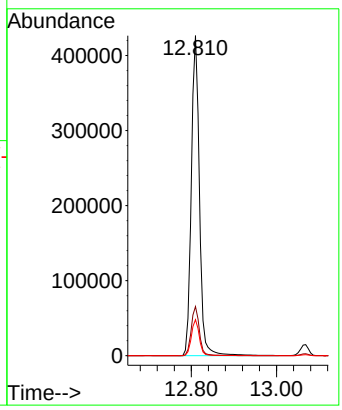


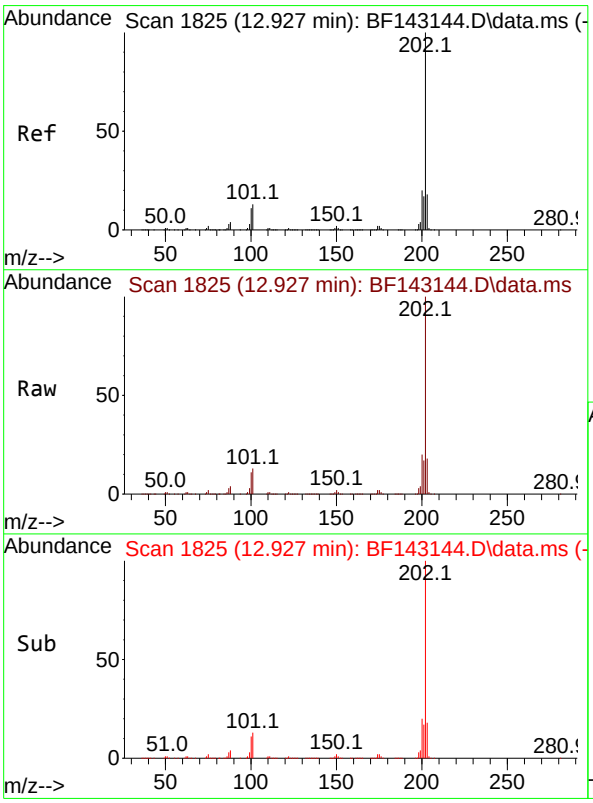
#77
Benzidine
Concen: 49.451 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 564732

Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.2	18.4
183	11.2	9.0	13.4

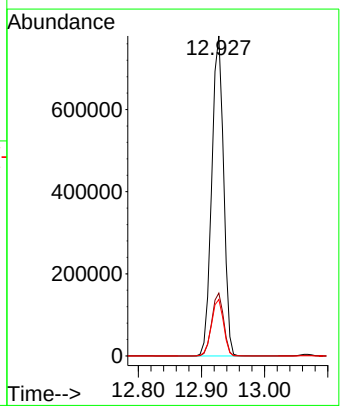


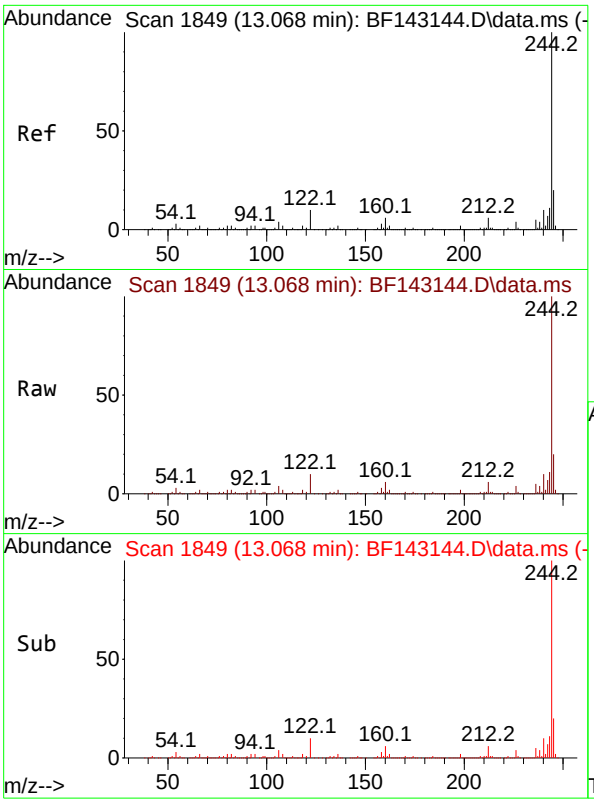


#78
Pyrene
Concen: 40.195 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:202 Resp: 1016822

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.7	23.5
203	17.7	14.2	21.2



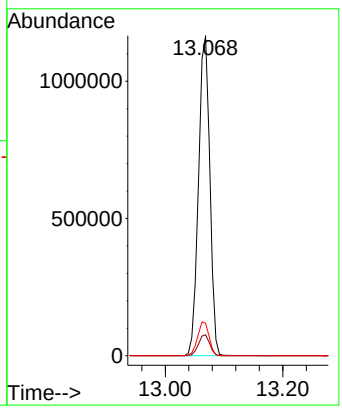


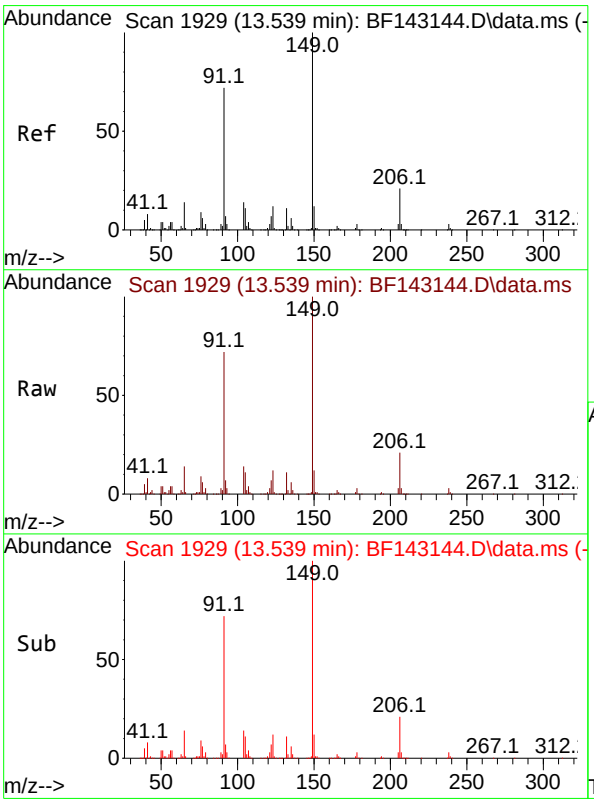
#79
Terphenyl-d14
Concen: 78.063 ng
RT: 13.068 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 1554923

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	10.2	8.2	12.2

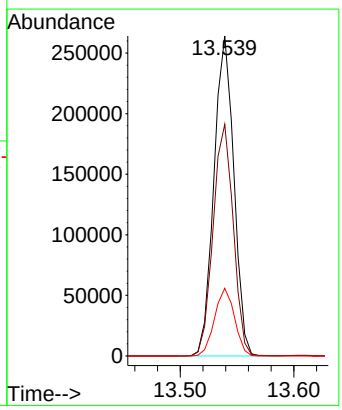


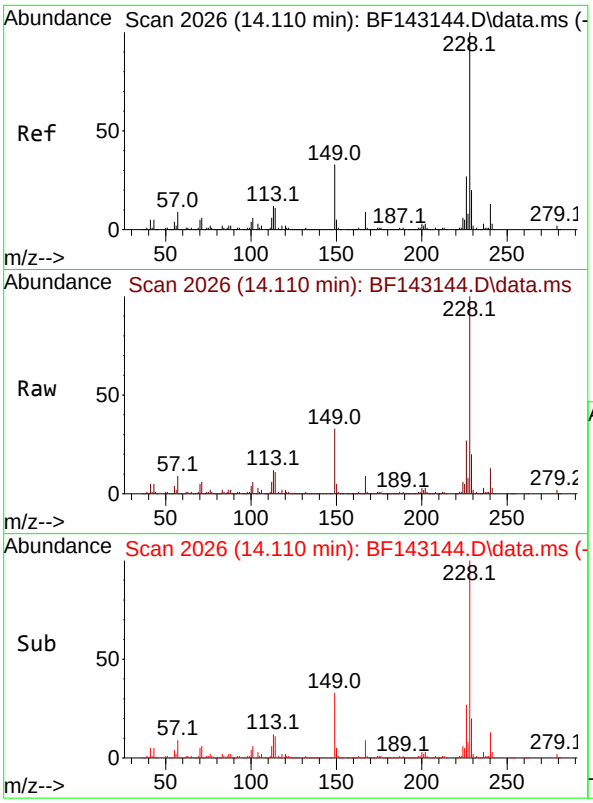


#80
Butylbenzylphthalate
Concen: 41.603 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:149 Resp: 322273

Ion	Ratio	Lower	Upper
149	100		
91	72.4	57.9	86.9
206	21.2	17.0	25.4



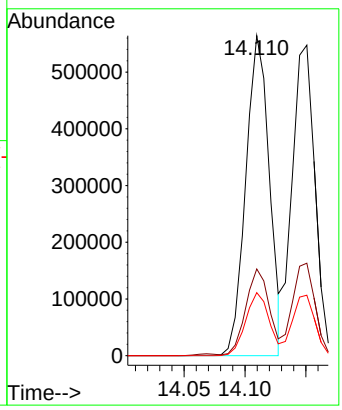


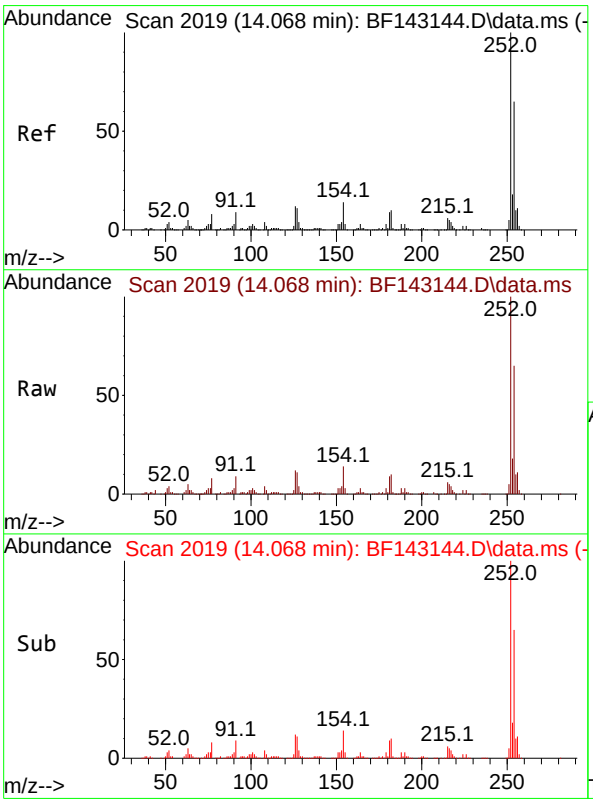
#81
Benzo(a)anthracene
Concen: 38.283 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 759726

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.7	15.8	23.6

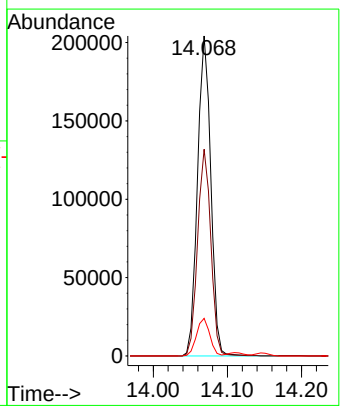


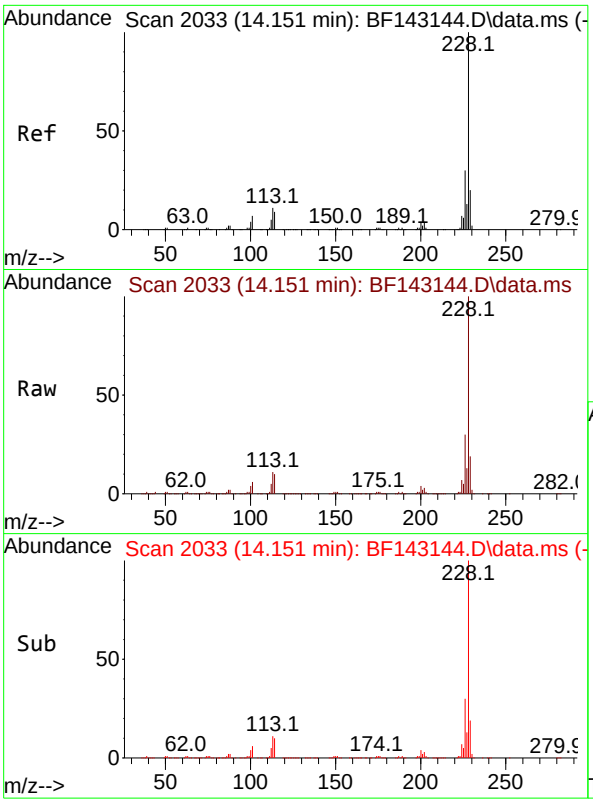


#82
3,3'-Dichlorobenzidine
Concen: 38.418 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:252 Resp: 254099

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	11.7	9.4	14.0



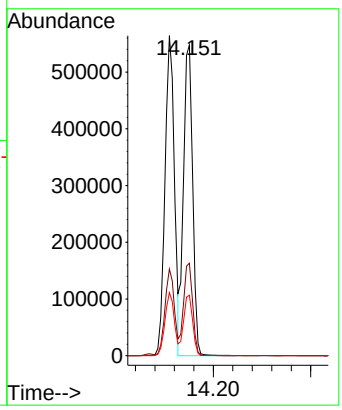


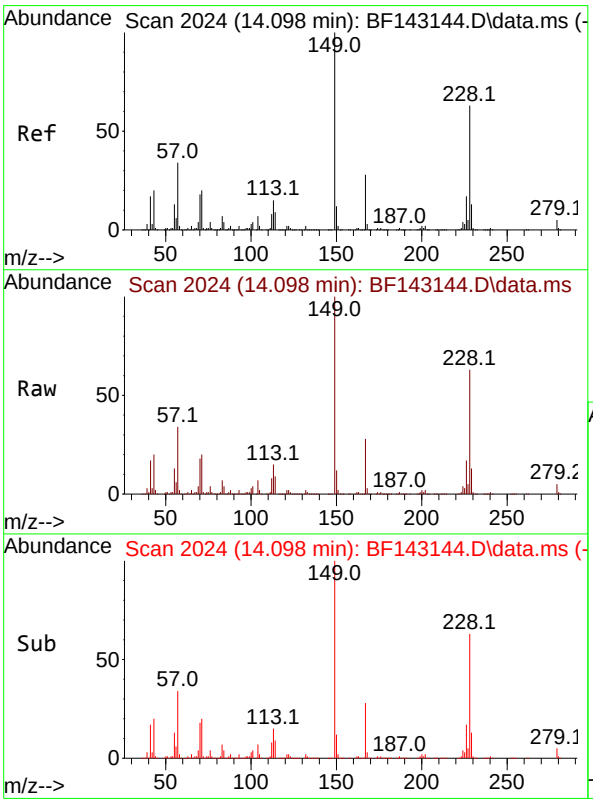
#83
Chrysene
Concen: 40.085 ng
RT: 14.151 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 715222

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.5	15.6	23.4

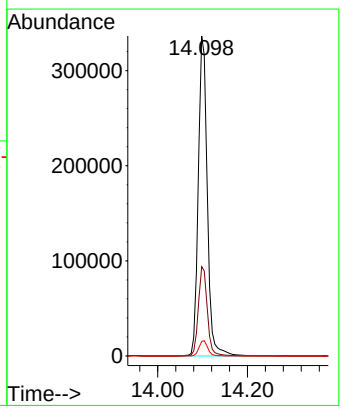


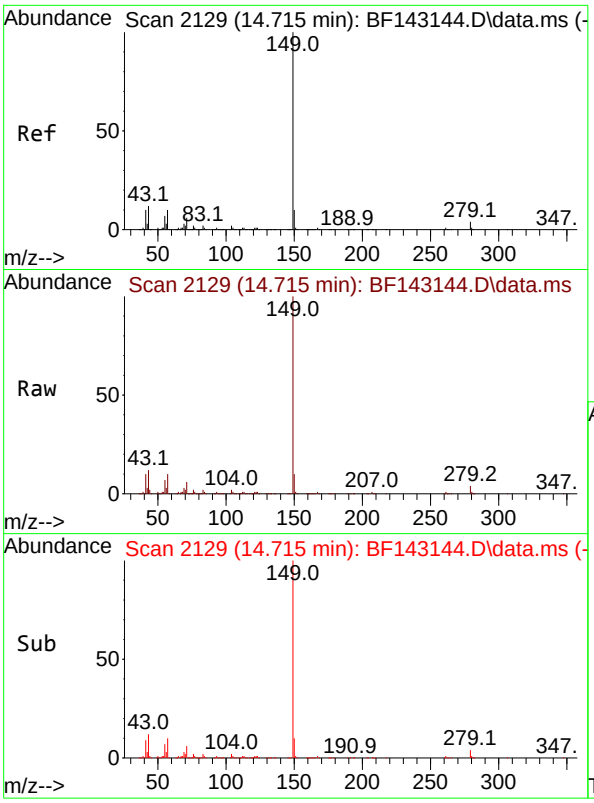


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.906 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:149 Resp: 467892

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.3	33.5
279	4.5	3.6	5.4



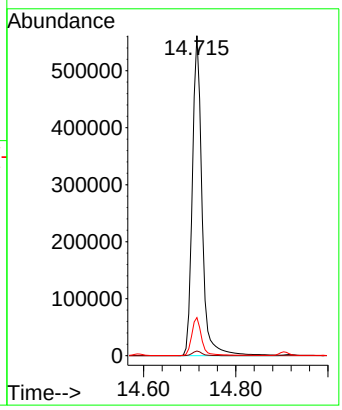


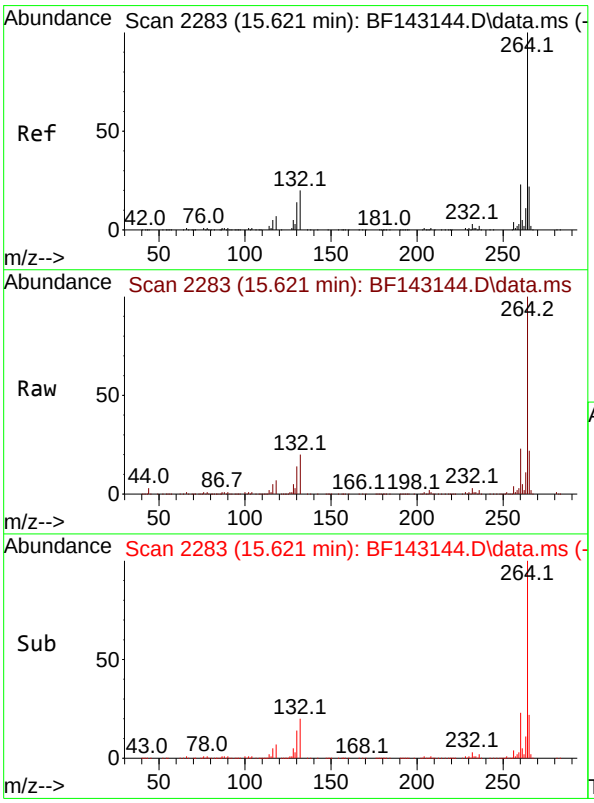
#85
Di-n-octyl phthalate
Concen: 38.595 ng
RT: 14.715 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 820264

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	12.1	9.7	14.5

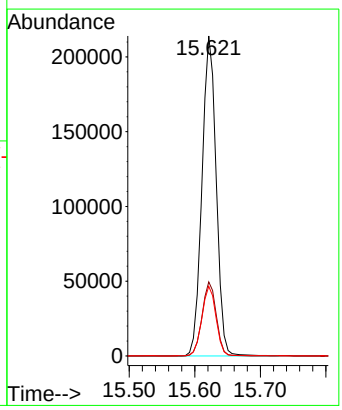


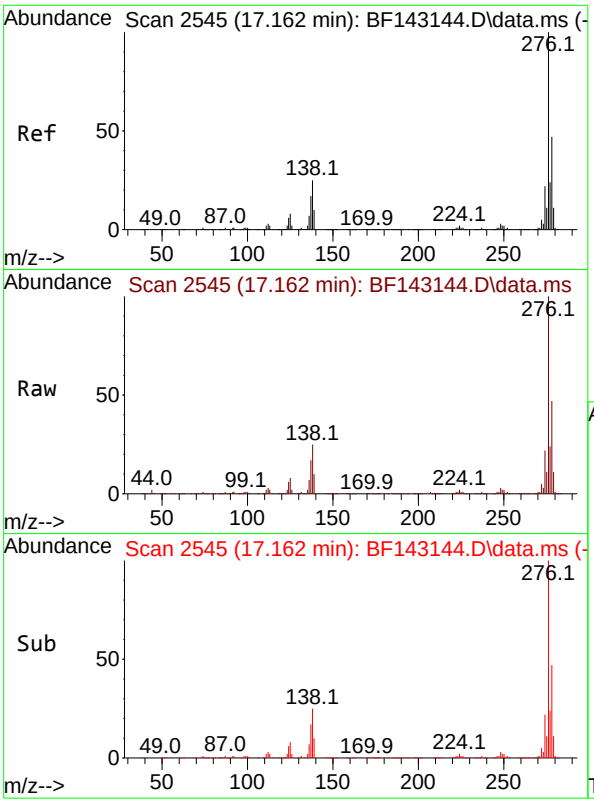


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:264 Resp: 323574

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.8	17.4	26.2



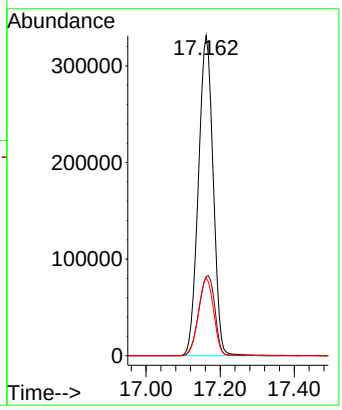


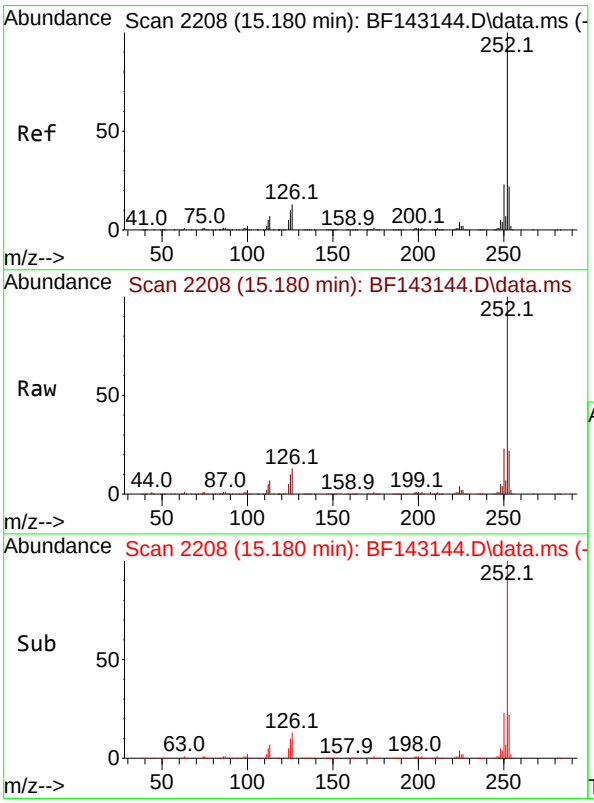
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.086 ng
RT: 17.162 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:276 Resp: 914626

Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.8	32.6
277	25.0	20.0	30.0

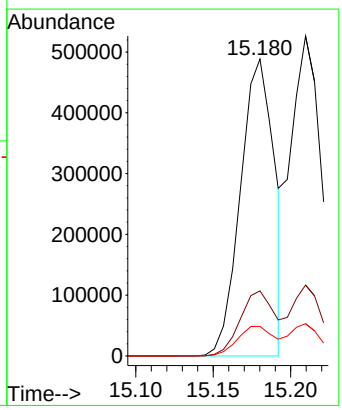


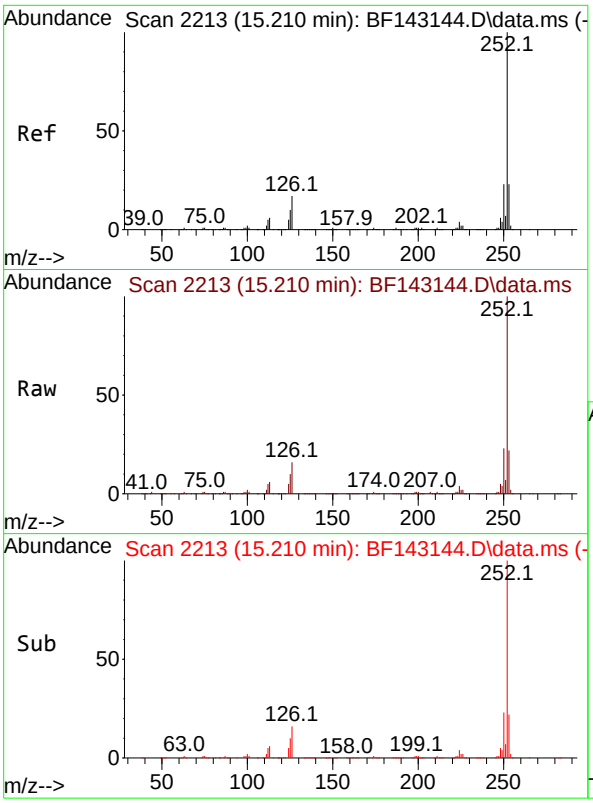


#88
Benzo(b)fluoranthene
Concen: 37.554 ng
RT: 15.180 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:252 Resp: 742346

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.0	8.0	12.0



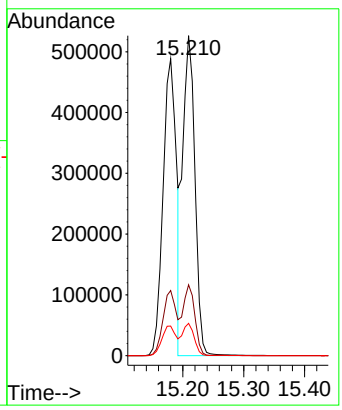


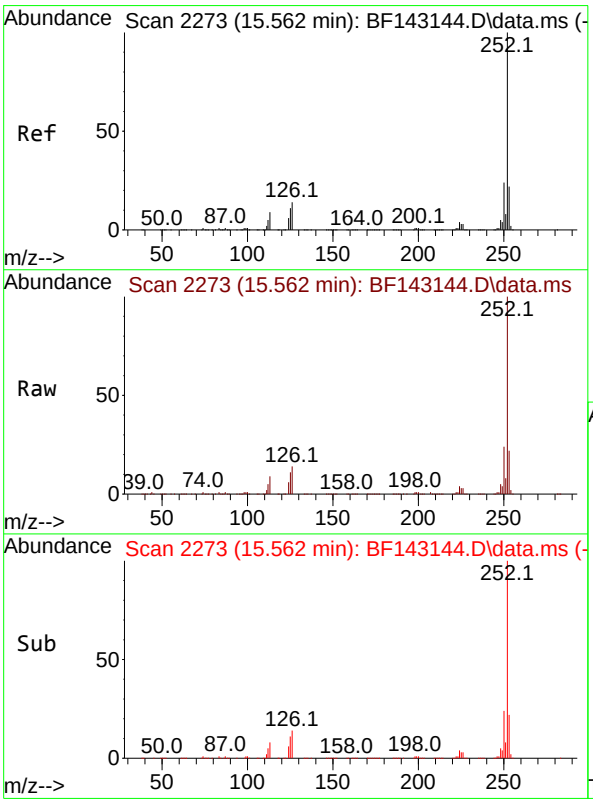
#89
Benzo(k)fluoranthene
Concen: 41.591 ng
RT: 15.210 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 733635

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	10.1	8.1	12.1

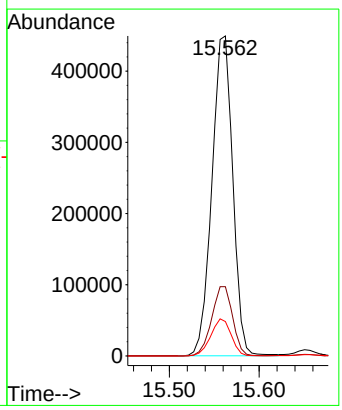


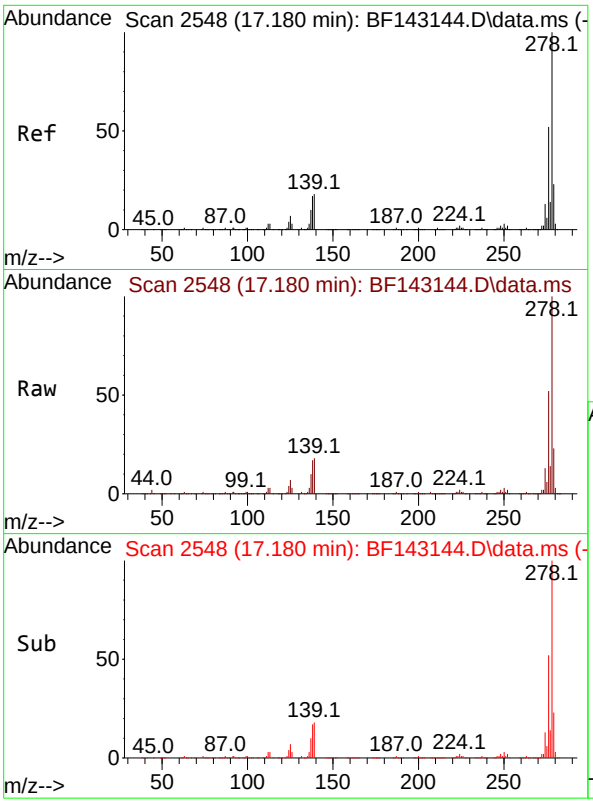


#90
Benzo(a)pyrene
Concen: 39.826 ng
RT: 15.562 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:252 Resp: 725344

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	10.8	8.6	13.0



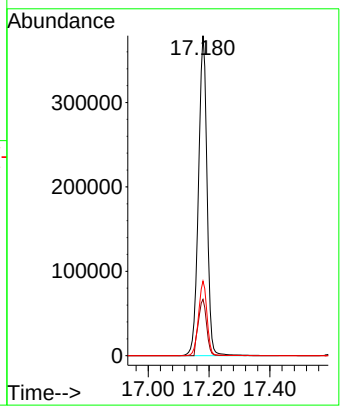


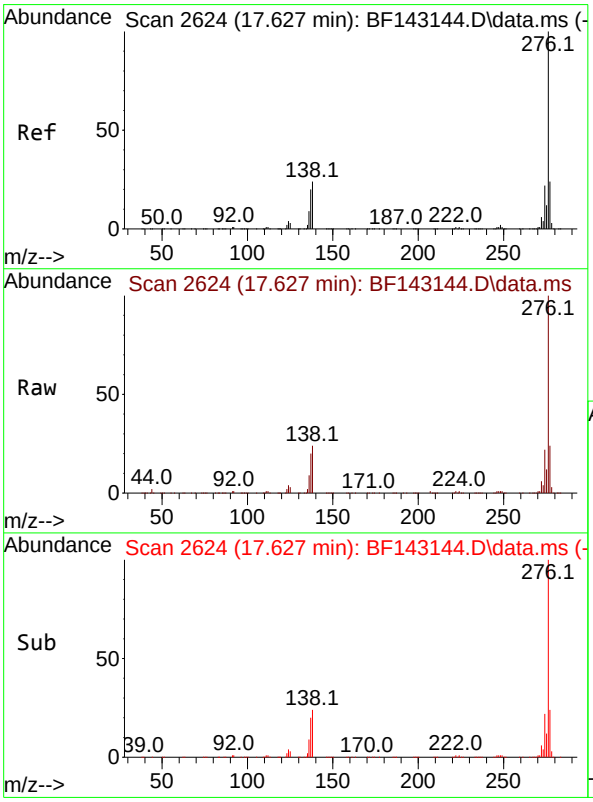
#91
Dibenzo(a,h)anthracene
Concen: 39.964 ng
RT: 17.180 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 742180

Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.1	21.1
279	23.3	18.6	28.0

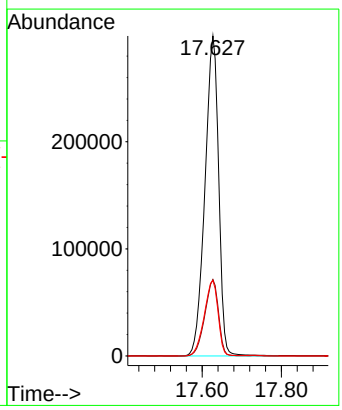




#92
Benzo(g,h,i)perylene
Concen: 39.949 ng
RT: 17.627 min Scan# 2624
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:276 Resp: 717648

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	23.6	18.9	28.3



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143145.D
Acq On : 17 Jul 2025 13:33
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Jul 17 15:04:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	144385	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	555536	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	283657	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	447089	20.000	ng		0.00
76) Chrysene-d12	14.121	240	247878	20.000	ng		0.00
86) Perylene-d12	15.621	264	282289	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	927268	101.629	ng		0.00
7) Phenol-d6	6.587	99	1178468	102.615	ng		0.00
23) Nitrobenzene-d5	7.528	82	1158494	103.949	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	309465	105.607	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	2005894	96.712	ng		0.00
79) Terphenyl-d14	13.068	244	1663033	99.838	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.816	88	225749	52.289	ng		100
3) Pyridine	3.587	79	584060	52.122	ng		99
4) n-Nitrosodimethylamine	3.534	42	307202	53.098	ng		100
6) Aniline	6.628	93	827275	51.687	ng		100
8) 2-Chlorophenol	6.751	128	493989	51.652	ng		98
9) Benzaldehyde	6.516	77	509476	59.162	ng		99
10) Phenol	6.598	94	678372	54.222	ng		99
11) bis(2-Chloroethyl)ether	6.698	93	491371	51.295	ng		99
12) 1,3-Dichlorobenzene	6.910	146	529202	50.937	ng		99
13) 1,4-Dichlorobenzene	6.981	146	531696	50.818	ng		99
14) 1,2-Dichlorobenzene	7.134	146	510140	51.264	ng		100
15) Benzyl Alcohol	7.098	79	461379	52.616	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.239	45	908530	51.128	ng		99
17) 2-Methylphenol	7.204	107	418793	52.079	ng		100
18) Hexachloroethane	7.481	117	189394	52.289	ng		99
19) n-Nitroso-di-n-propyla...	7.381	70	369367	50.131	ng		99
20) 3+4-Methylphenols	7.363	107	506069	51.870	ng	#	89
22) Acetophenone	7.369	105	661017	50.258	ng		98
24) Nitrobenzene	7.545	77	538666	51.843	ng		100
25) Isophorone	7.786	82	1018783	51.783	ng		99
26) 2-Nitrophenol	7.857	139	252169	55.920	ng		98
27) 2,4-Dimethylphenol	7.892	122	469819	51.112	ng		100
28) bis(2-Chloroethoxy)met...	7.986	93	597241	50.631	ng		100
29) 2,4-Dichlorophenol	8.098	162	401336	51.773	ng		99
30) 1,2,4-Trichlorobenzene	8.186	180	420763	50.242	ng		99
31) Naphthalene	8.269	128	1369627	50.060	ng		100
32) Benzoic acid	7.998	122	263494	50.647	ng		99
33) 4-Chloroaniline	8.310	127	566422	50.703	ng		99
34) Hexachlorobutadiene	8.392	225	260787	50.976	ng		99
35) Caprolactam	8.680	113	126050	53.811	ng		96
36) 4-Chloro-3-methylphenol	8.786	107	431745	51.242	ng		98
37) 2-Methylnaphthalene	8.957	142	837820	50.324	ng		100
38) 1-Methylnaphthalene	9.057	142	862300	50.298	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	412916	50.420	ng		100
41) Hexachlorocyclopentadiene	9.116	237	286805	53.823	ng		99
43) 2,4,6-Trichlorophenol	9.228	196	304466	53.718	ng		100

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143145.D
Acq On : 17 Jul 2025 13:33
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Jul 17 15:04:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	291607	51.434	ng	99
46) 1,1'-Biphenyl	9.422	154	1101317	49.764	ng	99
47) 2-Chloronaphthalene	9.445	162	826749	50.488	ng	100
48) 2-Nitroaniline	9.533	65	281082	54.736	ng	99
49) Acenaphthylene	9.863	152	1388721	50.605	ng	100
50) Dimethylphthalate	9.716	163	939863	50.832	ng	100
51) 2,6-Dinitrotoluene	9.775	165	205147	54.541	ng	98
52) Acenaphthene	10.033	154	818783	50.481	ng	100
53) 3-Nitroaniline	9.945	138	236959	53.861	ng	99
54) 2,4-Dinitrophenol	10.045	184	81983	50.750	ng	98
55) Dibenzofuran	10.204	168	1204088	50.001	ng	99
56) 4-Nitrophenol	10.086	139	177408	54.001	ng	98
57) 2,4-Dinitrotoluene	10.180	165	264045	55.954	ng	95
58) Fluorene	10.551	166	891646	49.335	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	248745	52.965	ng	100
60) Diethylphthalate	10.416	149	942625	51.580	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	449168	49.911	ng	99
62) 4-Nitroaniline	10.557	138	205210	54.424	ng	99
63) Azobenzene	10.698	77	966931	50.766	ng	100
65) 4,6-Dinitro-2-methylph...	10.586	198	122876	51.927	ng	100
66) n-Nitrosodiphenylamine	10.657	169	811422	51.540	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	275679	51.741	ng	98
68) Hexachlorobenzene	11.098	284	288405	51.788	ng	100
69) Atrazine	11.180	200	232907	53.662	ng	99
70) Pentachlorophenol	11.286	266	178753	54.581	ng	99
71) Phenanthrene	11.510	178	1194582	50.321	ng	100
72) Anthracene	11.563	178	1223920	50.552	ng	100
73) Carbazole	11.710	167	1076803	50.934	ng	100
74) Di-n-butylphthalate	12.045	149	1250841	52.290	ng	100
75) Fluoranthene	12.698	202	1093890	50.203	ng	100
77) Benzidine	12.810	184	431944	45.229	ng	100
78) Pyrene	12.927	202	1078520	50.982	ng	100
80) Butylbenzylphthalate	13.539	149	360698	55.681	ng	98
81) Benzo(a)anthracene	14.110	228	880975	53.085	ng	99
82) 3,3'-Dichlorobenzidine	14.068	252	294836	53.305	ng	99
83) Chrysene	14.151	228	754953	50.597	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	534128	54.475	ng	100
85) Di-n-octyl phthalate	14.715	149	960309	54.032	ng	99
87) Indeno(1,2,3-cd)pyrene	17.168	276	1061877	53.347	ng	99
88) Benzo(b)fluoranthene	15.180	252	953990	55.319	ng	100
89) Benzo(k)fluoranthene	15.209	252	754417	49.024	ng	99
90) Benzo(a)pyrene	15.562	252	840968	52.928	ng	100
91) Dibenzo(a,h)anthracene	17.186	278	861467	53.172	ng	99
92) Benzo(g,h,i)perylene	17.633	276	843865	53.845	ng	100

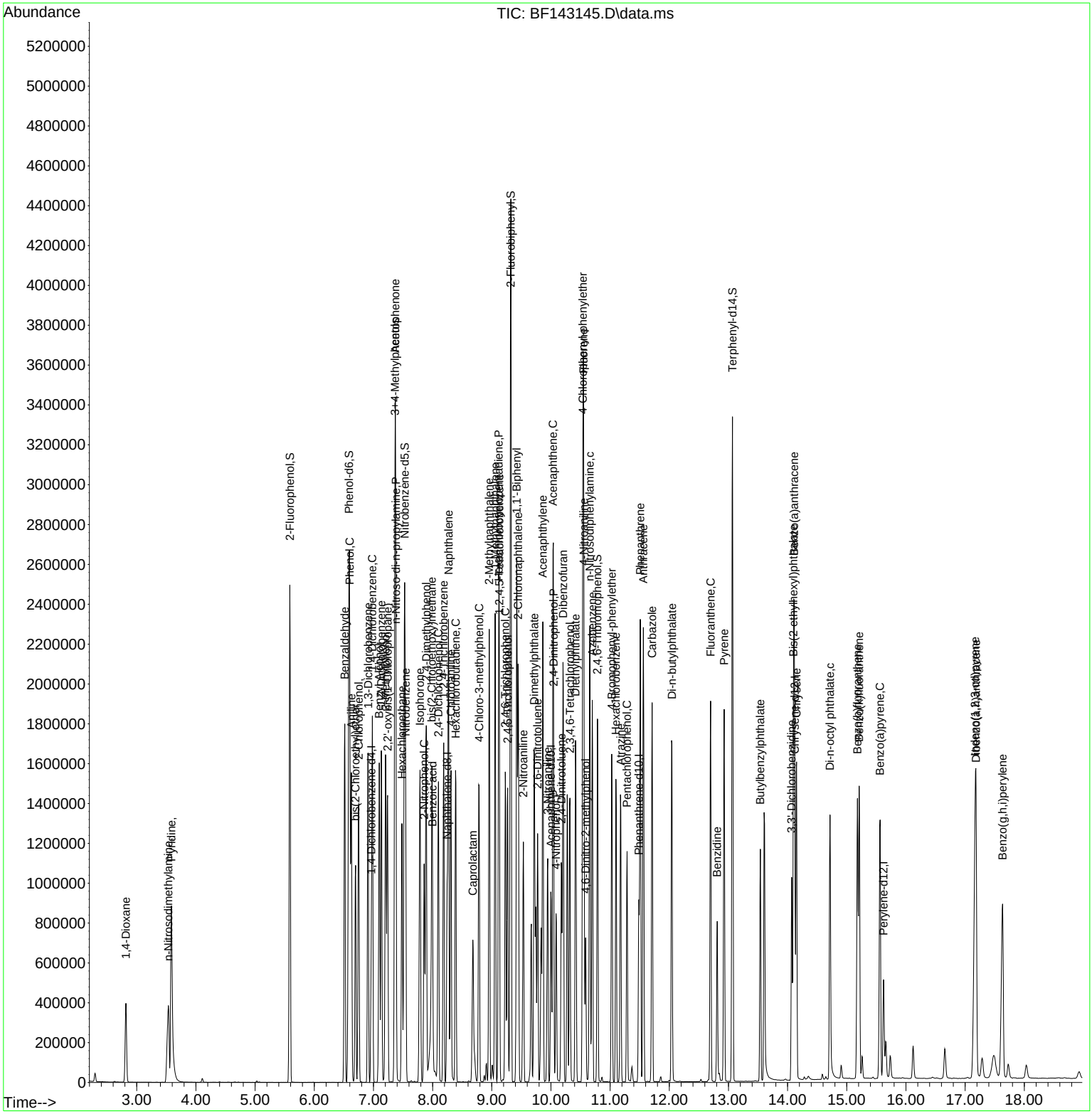
(#) = qualifier out of range (m) = manual integration (+) = signals summed

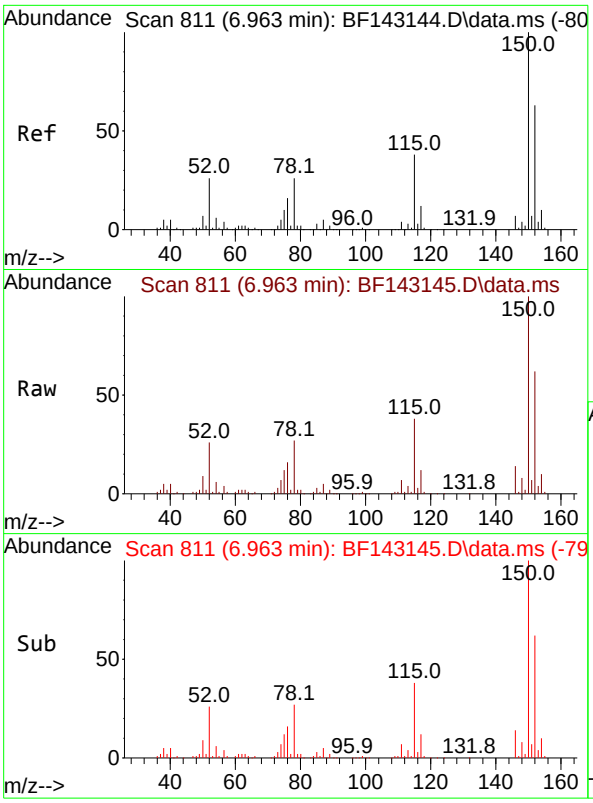
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143145.D
Acq On : 17 Jul 2025 13:33
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Jul 17 15:04:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration



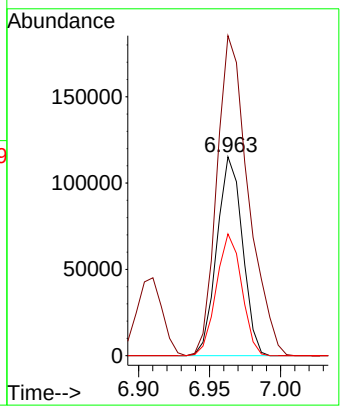


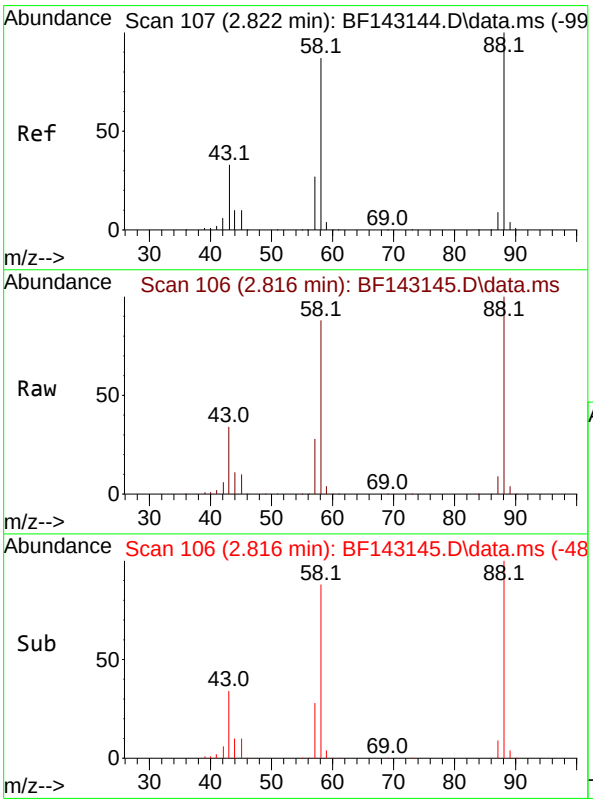
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 144385

Ion	Ratio	Lower	Upper
152	100		
150	160.9	128.2	192.4
115	61.2	47.9	71.9

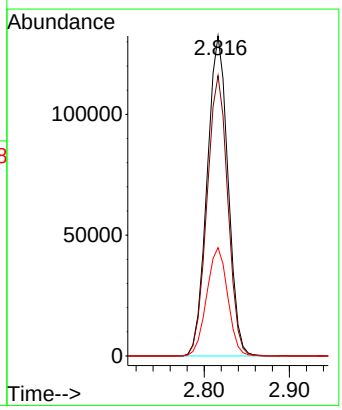


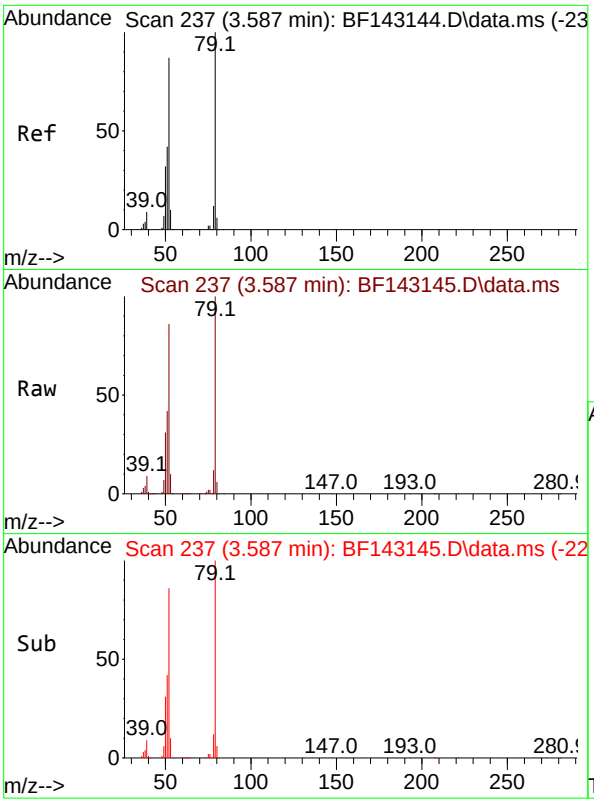


#2
1,4-Dioxane
Concen: 52.289 ng
RT: 2.816 min Scan# 106
Delta R.T. -0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 88 Resp: 225749

Ion	Ratio	Lower	Upper
88	100		
58	87.3	70.2	105.2
43	34.0	27.1	40.7



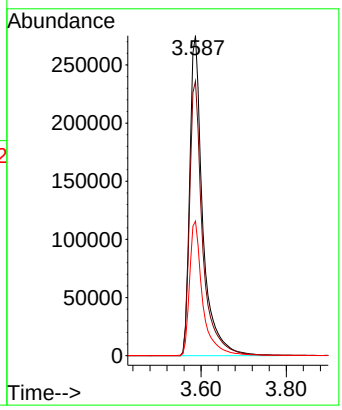


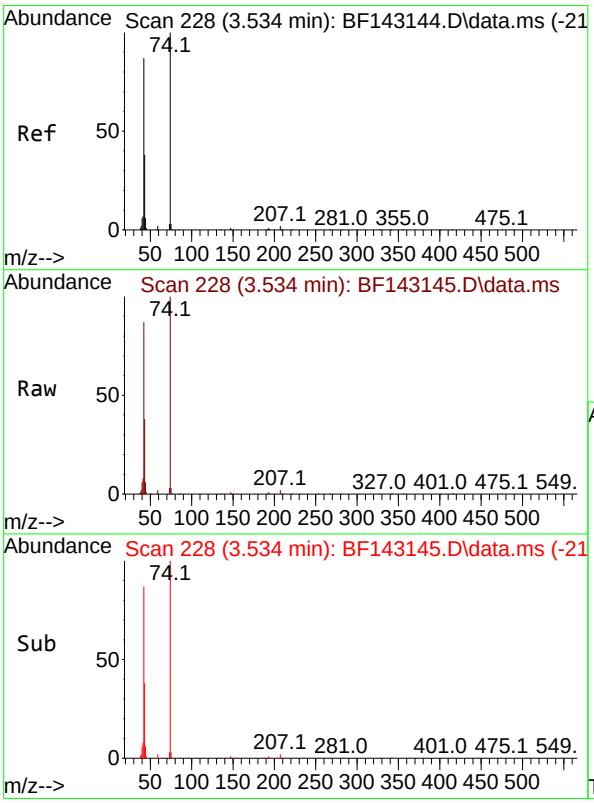
#3
Pyridine
Concen: 52.122 ng
RT: 3.587 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 584060

Ion	Ratio	Lower	Upper
79	100		
52	85.8	69.4	104.2
51	42.0	33.5	50.3

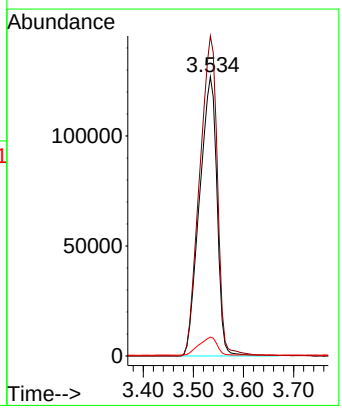


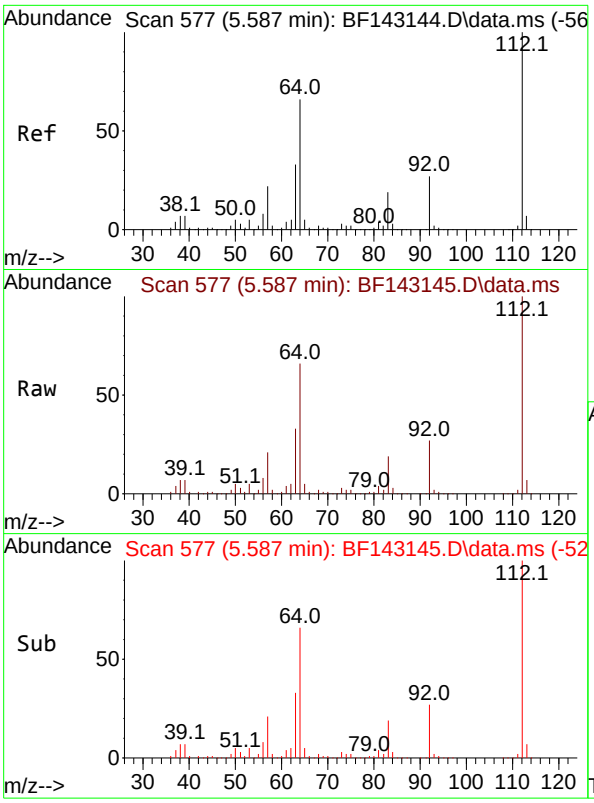


#4
n-Nitrosodimethylamine
Concen: 53.098 ng
RT: 3.534 min Scan# 228
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 42 Resp: 307202

Ion	Ratio	Lower	Upper
42	100		
74	114.6	91.7	137.5
44	6.8	5.6	8.4



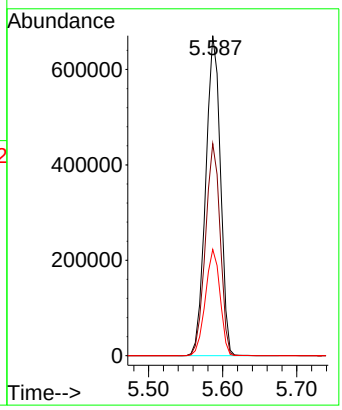


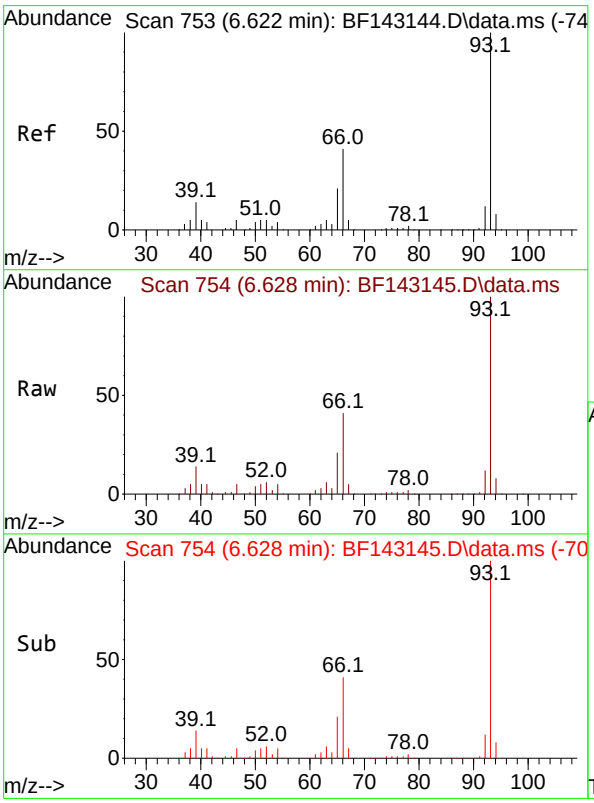
#5
2-Fluorophenol
Concen: 101.629 ng
RT: 5.587 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:112 Resp: 927268

Ion	Ratio	Lower	Upper
112	100		
64	66.3	53.1	79.7
63	33.2	26.6	40.0

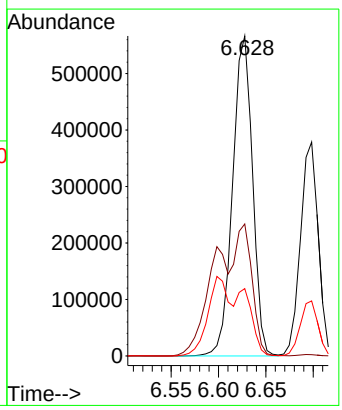


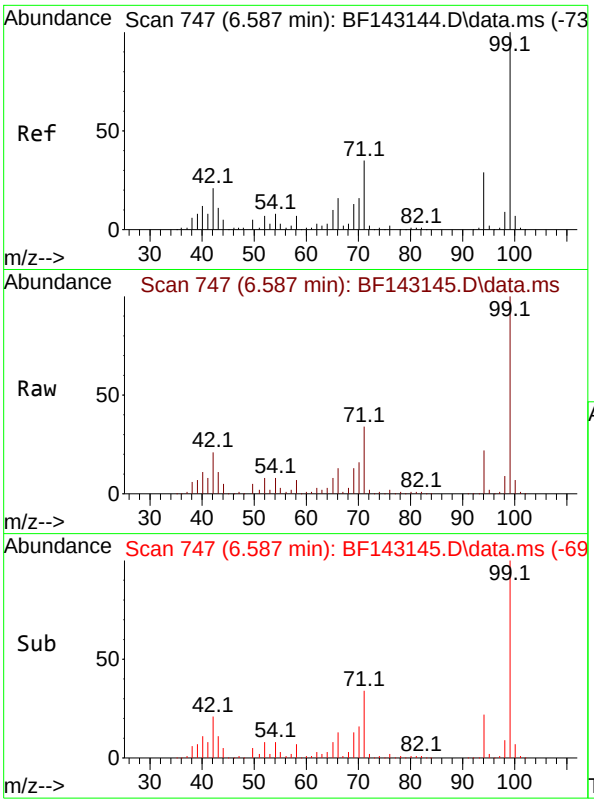


#6
Aniline
Concen: 51.687 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 93 Resp: 827275

Ion	Ratio	Lower	Upper
93	100		
66	41.2	33.2	49.8
65	21.1	16.9	25.3



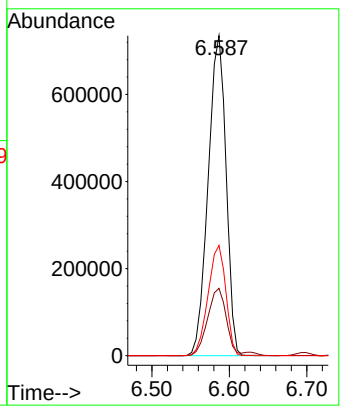


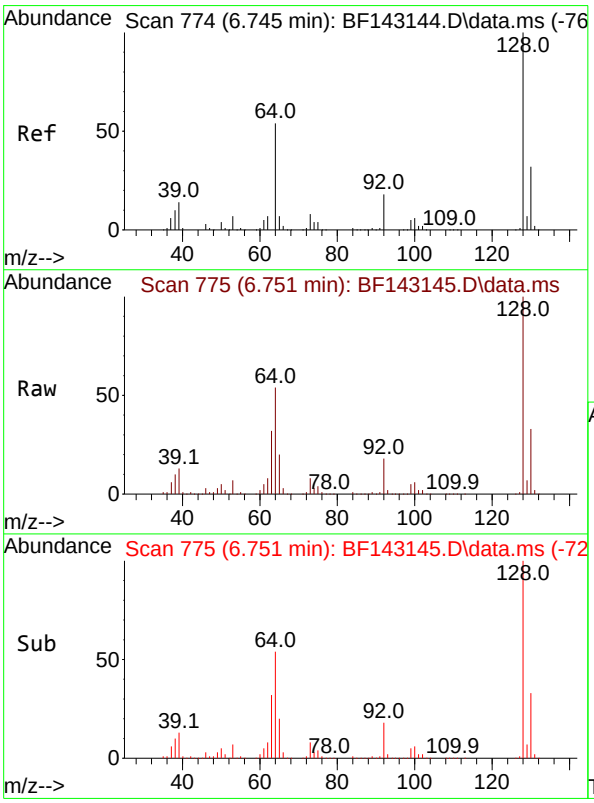
#7
Phenol-d6
Concen: 102.615 ng
RT: 6.587 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 1178468

Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.0	25.6
71	34.4	27.7	41.5

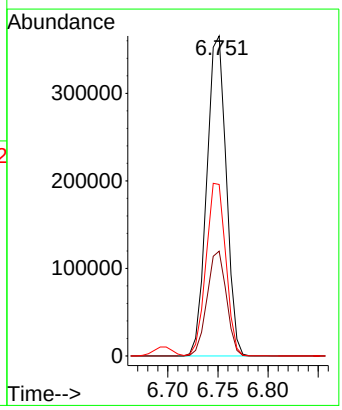


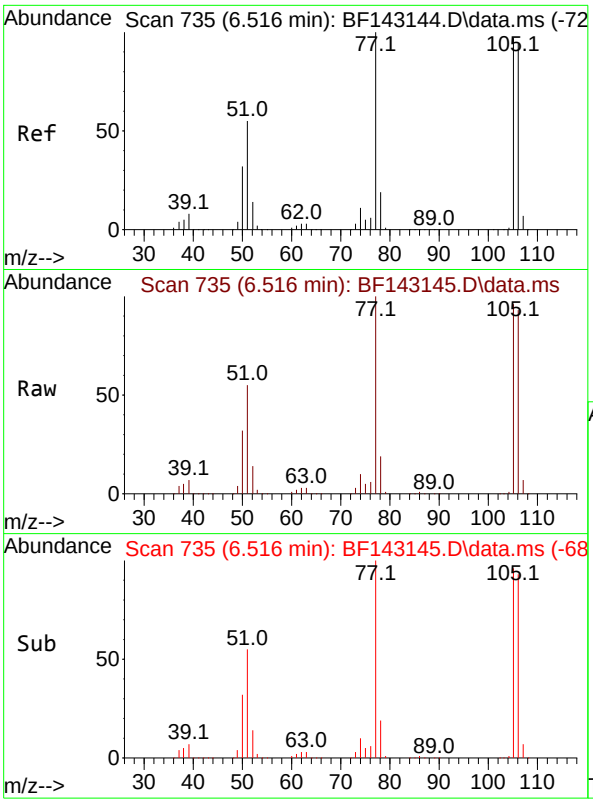


#8
2-Chlorophenol
Concen: 51.652 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:128 Resp: 493989

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.3	52.3
64	53.6	35.9	75.9



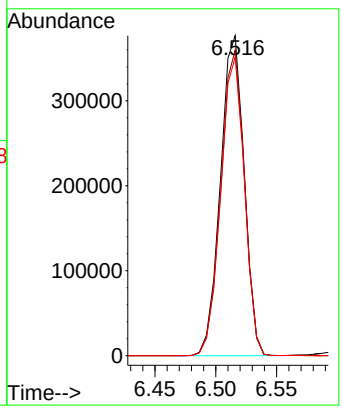


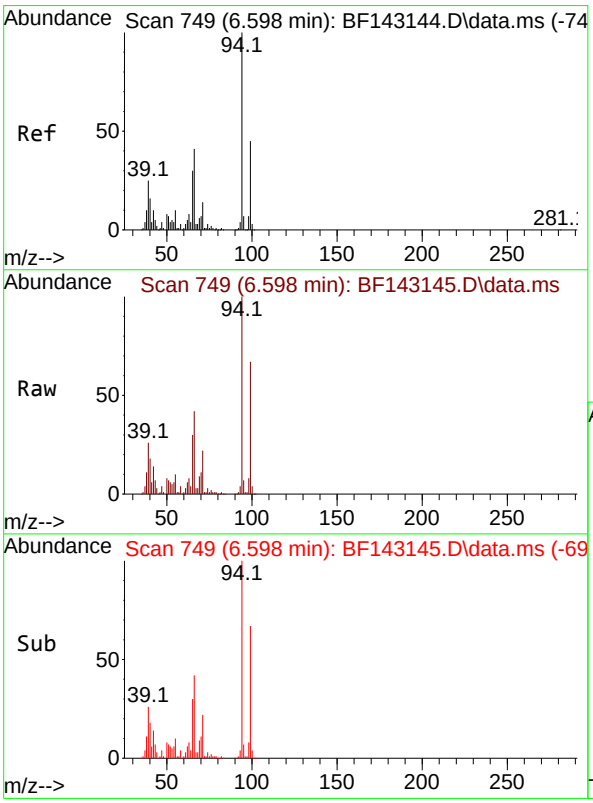
#9
Benzaldehyde
Concen: 59.162 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 509476

Ion	Ratio	Lower	Upper
77	100		
105	95.5	76.8	116.8
106	93.3	74.4	114.4

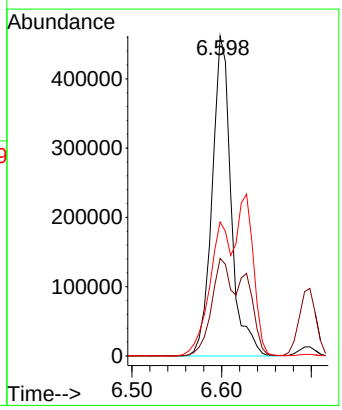


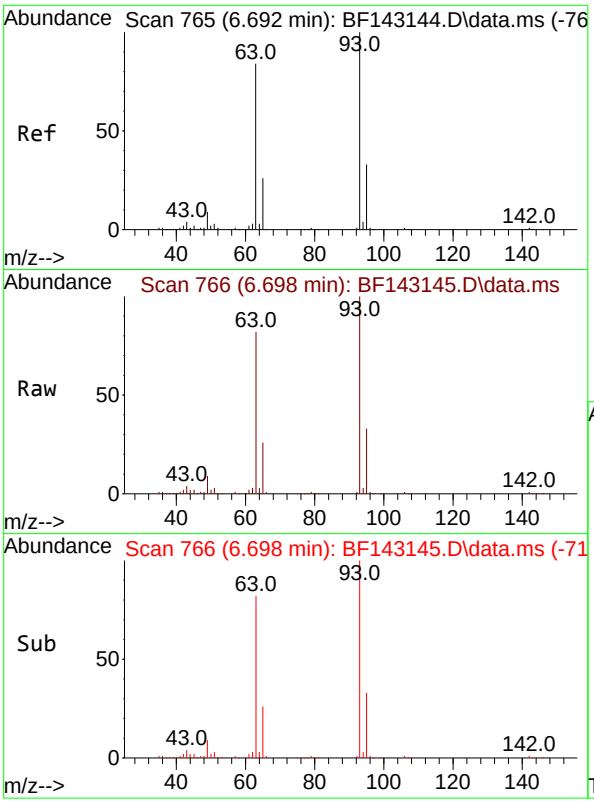


#10
Phenol
Concen: 54.222 ng
RT: 6.598 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 94 Resp: 678372

Ion	Ratio	Lower	Upper
94	100		
65	30.5	10.0	50.0
66	41.9	20.8	60.8



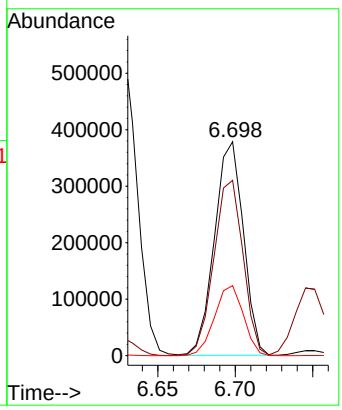


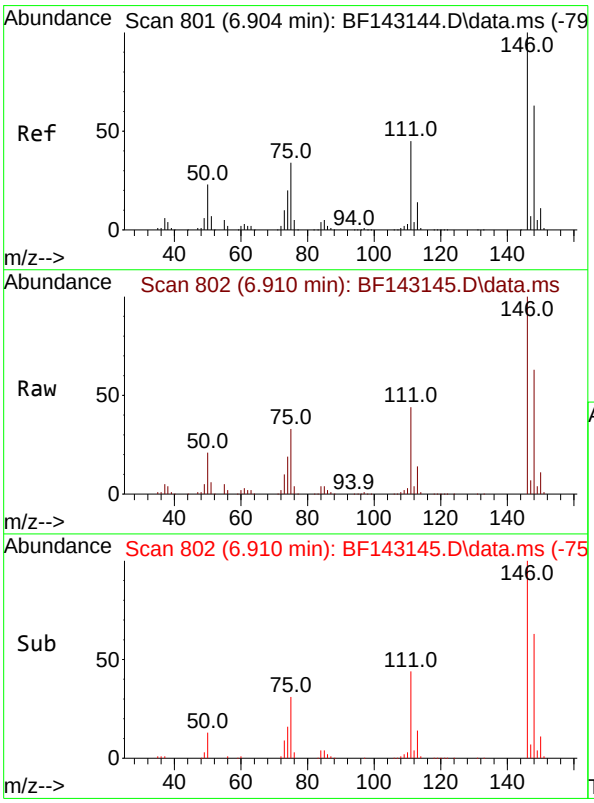
#11
bis(2-Chloroethyl)ether
Concen: 51.295 ng
RT: 6.698 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 491371

Ion	Ratio	Lower	Upper
93	100		
63	82.0	63.4	103.4
95	32.8	12.4	52.4

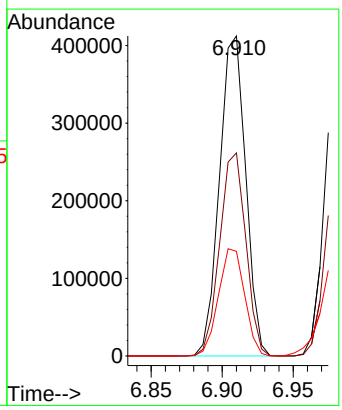


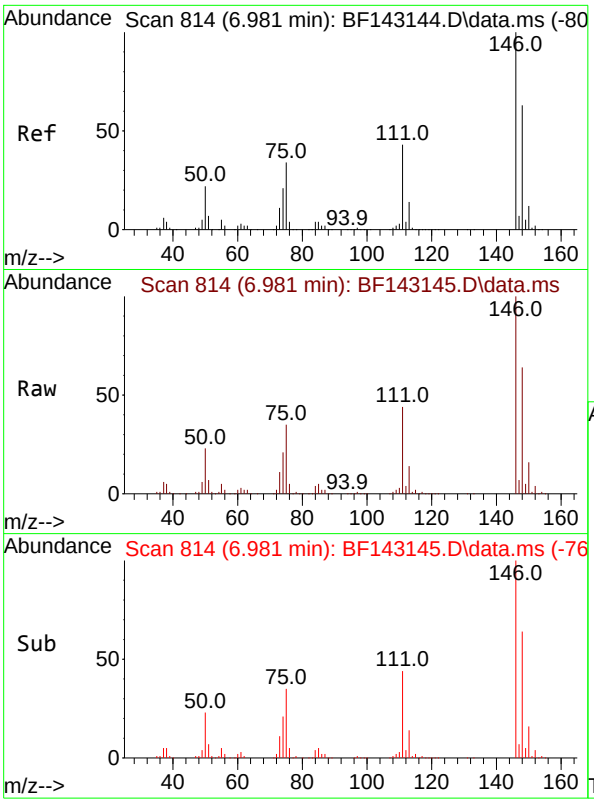


#12
1,3-Dichlorobenzene
Concen: 50.937 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:146 Resp: 529202

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	76.0
75	32.7	27.4	41.2



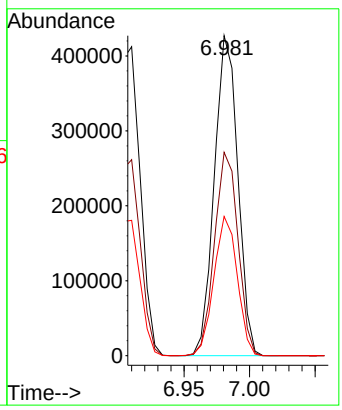


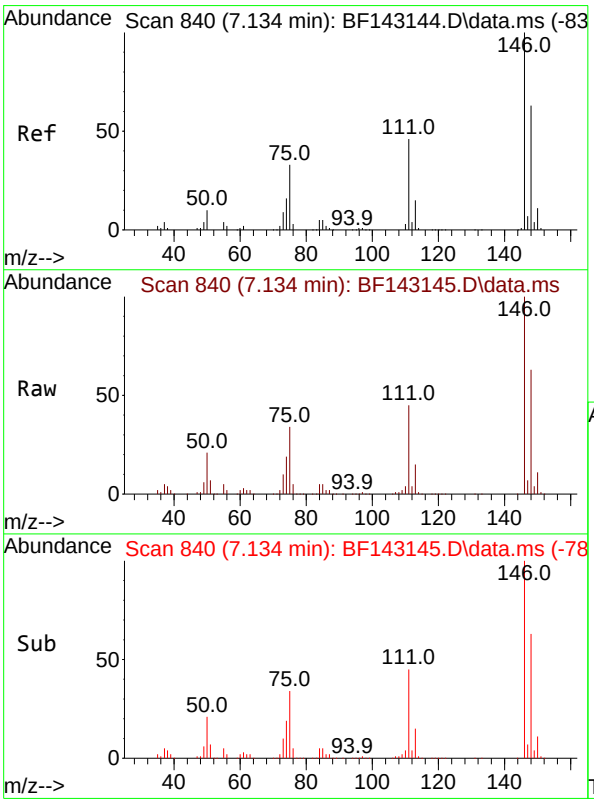
#13
1,4-Dichlorobenzene
Concen: 50.818 ng
RT: 6.981 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:146 Resp: 531696

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.3	75.5
111	43.5	34.4	51.6

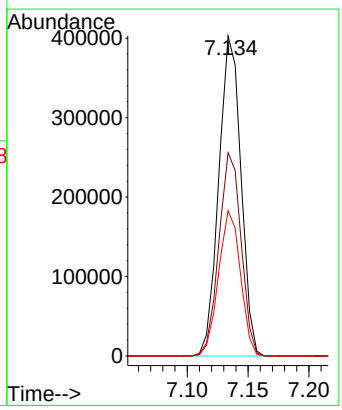


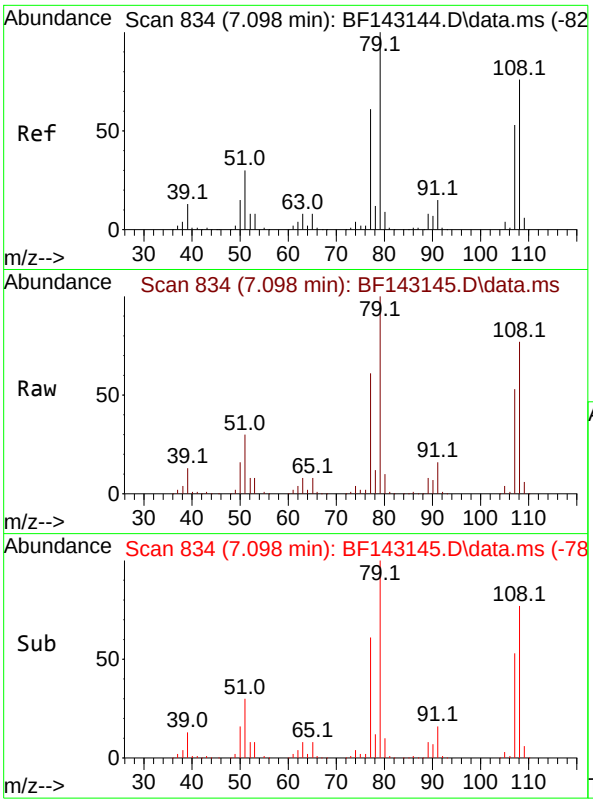


#14
1,2-Dichlorobenzene
Concen: 51.264 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:146 Resp: 510140

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.7	76.1
111	45.4	36.6	54.8



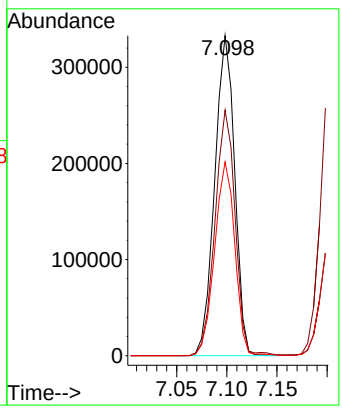


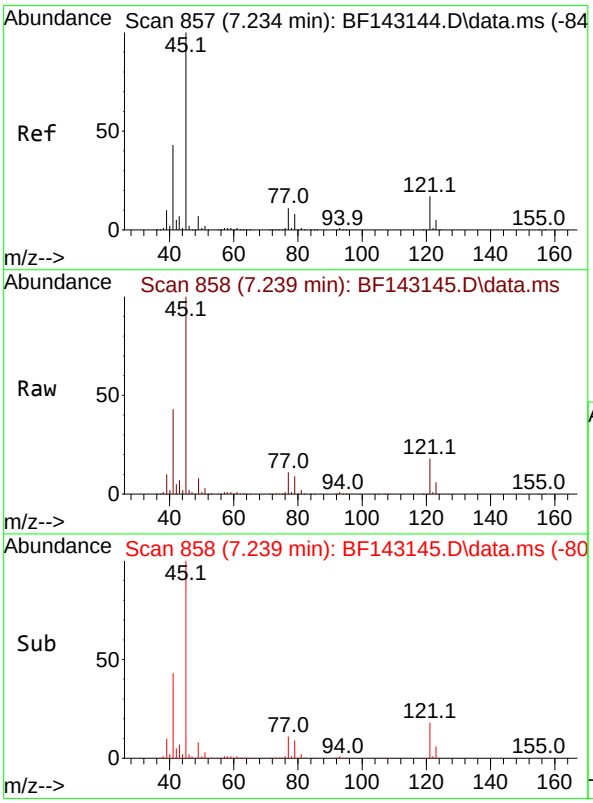
#15
Benzyl Alcohol
Concen: 52.616 ng
RT: 7.098 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 461379

Ion	Ratio	Lower	Upper
79	100		
108	76.7	61.1	91.7
77	60.6	48.9	73.3

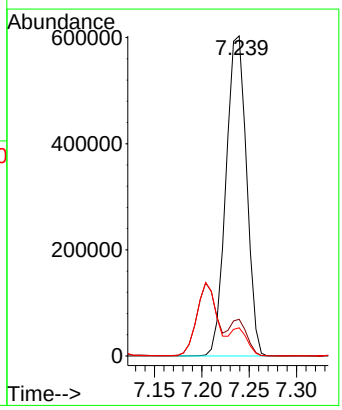


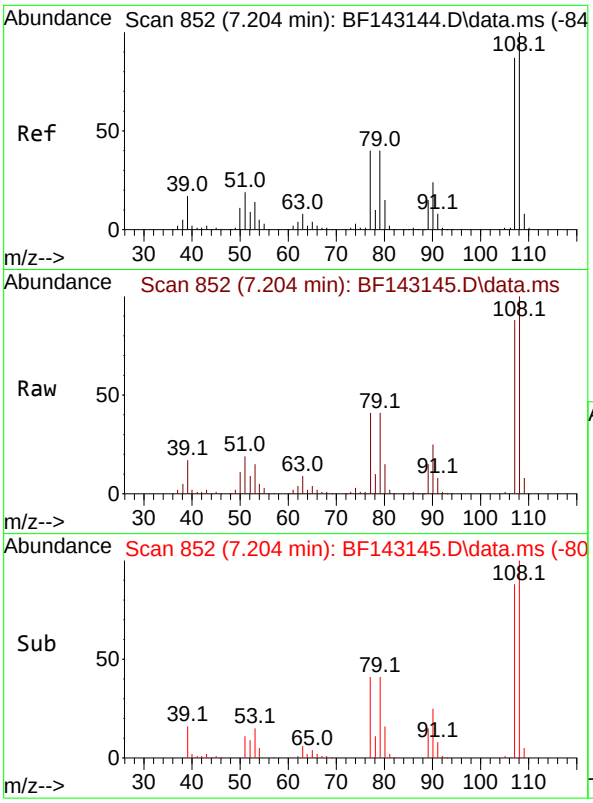


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.128 ng
RT: 7.239 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 45 Resp: 908530

Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	31.2
79	8.8	0.0	28.5



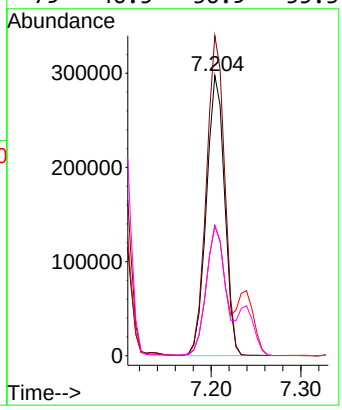


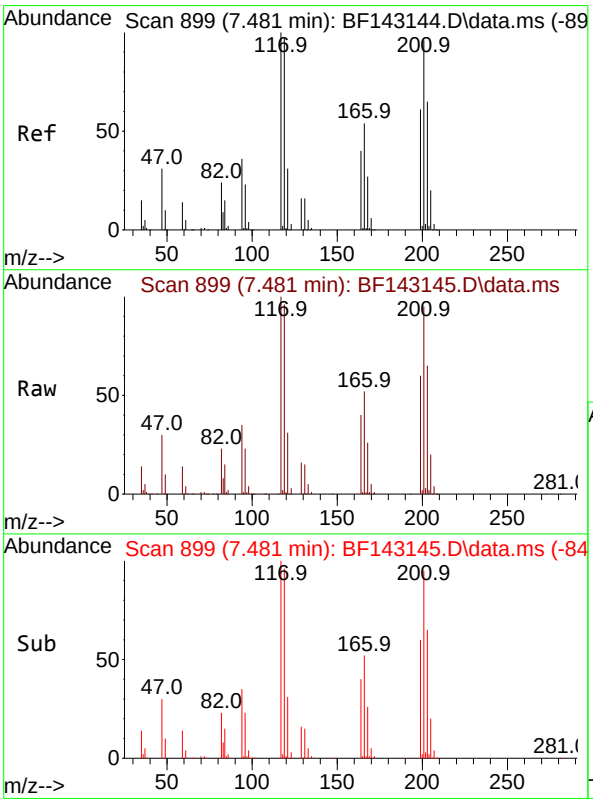
#17
2-Methylphenol
Concen: 52.079 ng
RT: 7.204 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 418793

Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.8	137.6
77	46.3	37.0	55.6
79	46.5	36.9	55.3

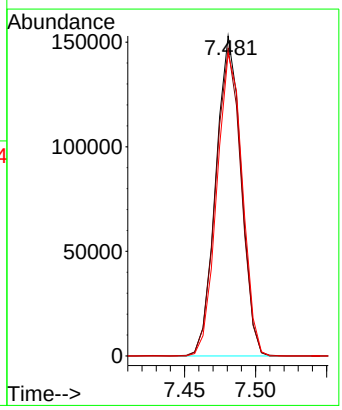


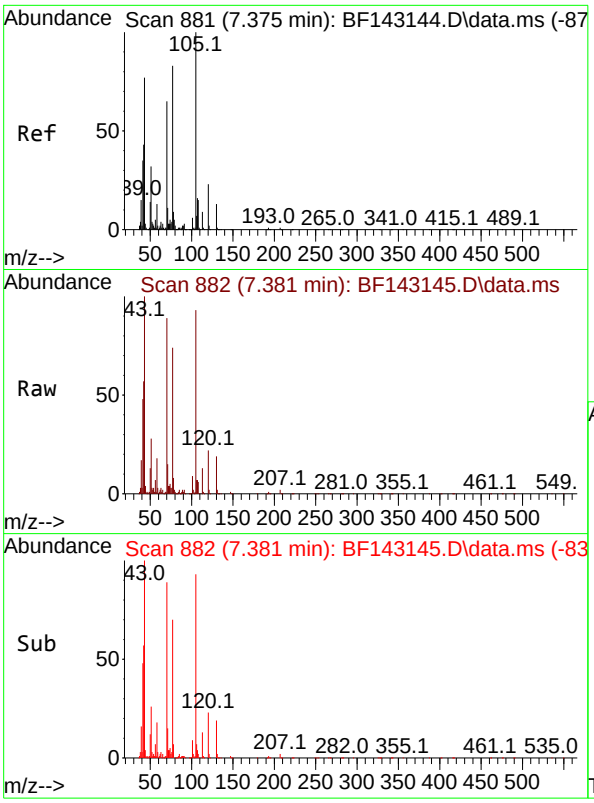


#18
Hexachloroethane
Concen: 52.289 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:117 Resp: 189394

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.8	116.8
201	94.5	77.0	115.4



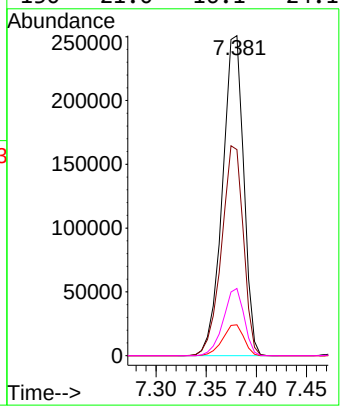


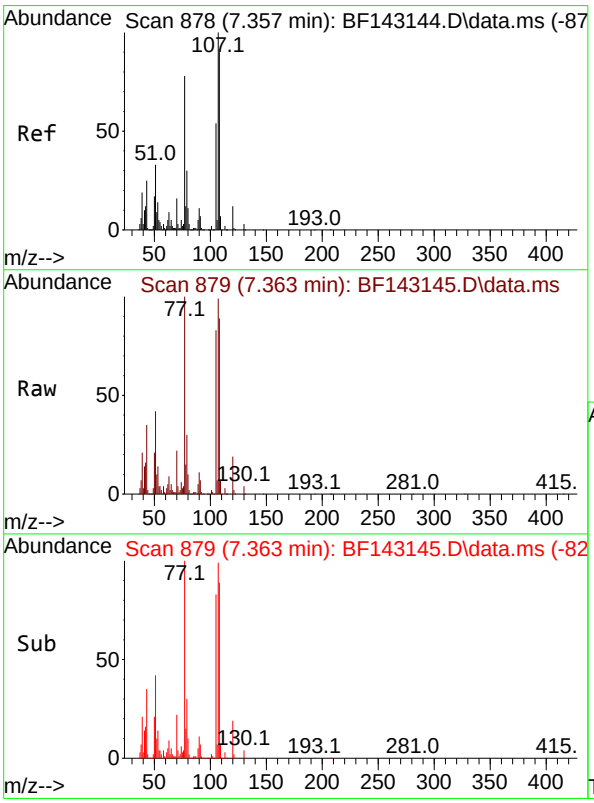
#19
n-Nitroso-di-n-propylamine
Concen: 50.131 ng
RT: 7.381 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 369367

Ion	Ratio	Lower	Upper
70	100		
42	64.4	52.5	78.7
101	9.7	7.6	11.4
130	21.0	16.1	24.1

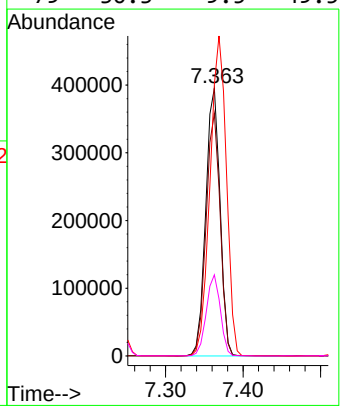


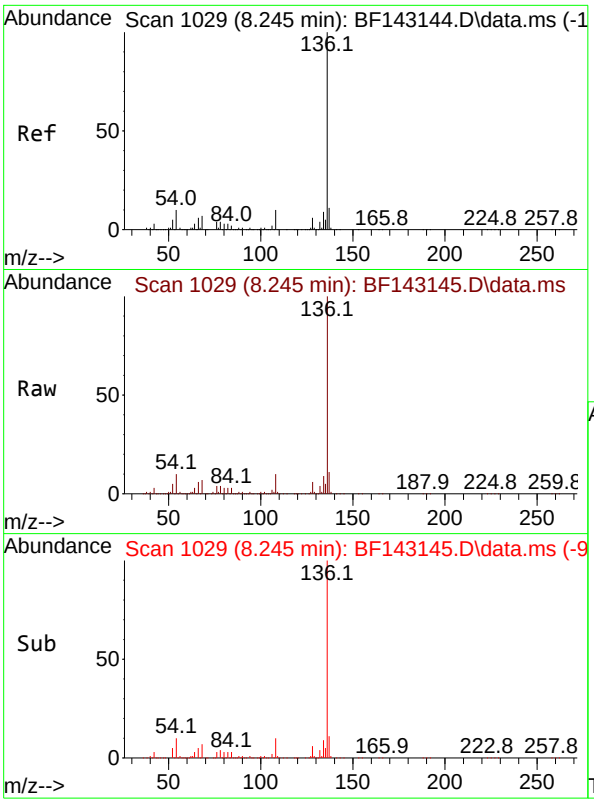


#20
3+4-Methylphenols
Concen: 51.870 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:107 Resp: 506069

Ion	Ratio	Lower	Upper
107	100		
108	90.7	70.0	110.0
77	101.5	57.8	97.8#
79	30.3	9.5	49.5



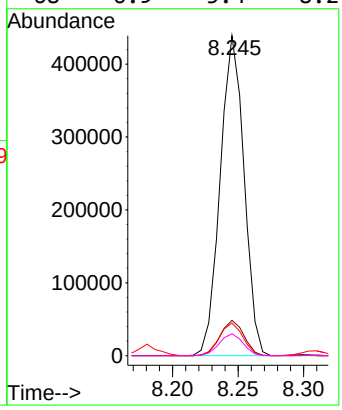


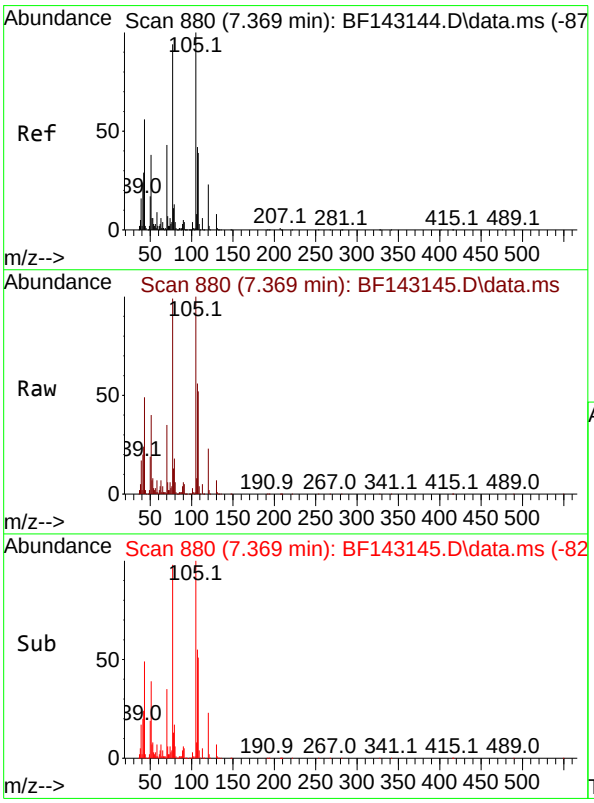
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 555536

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.2	8.2	12.2
68	6.9	5.4	8.2

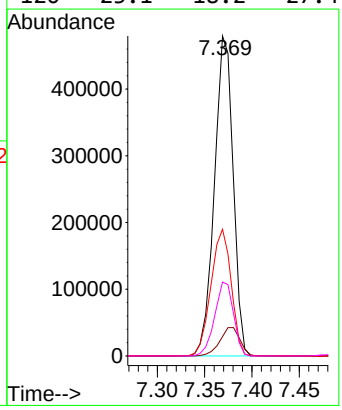


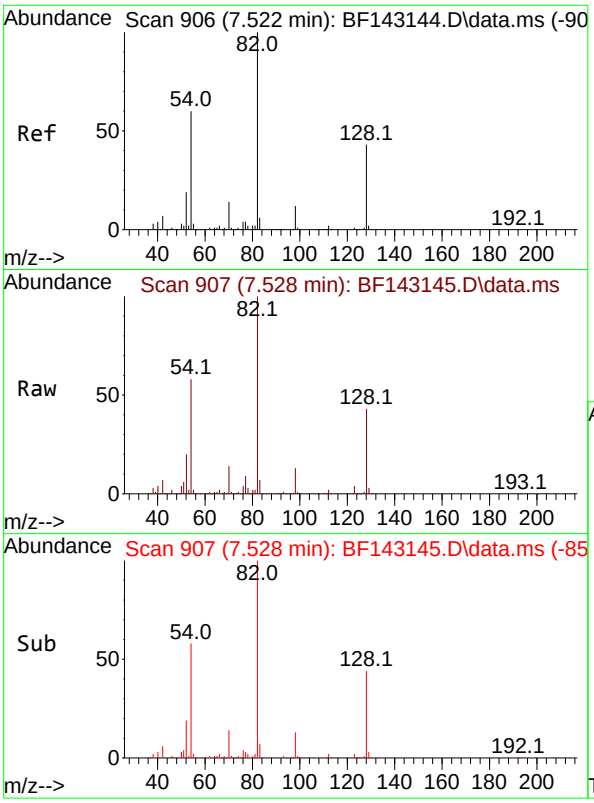


#22
Acetophenone
Concen: 50.258 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:105 Resp: 661017

Ion	Ratio	Lower	Upper
105	100		
71	6.0	5.8	8.6
51	39.6	30.2	45.2
120	23.1	18.2	27.4



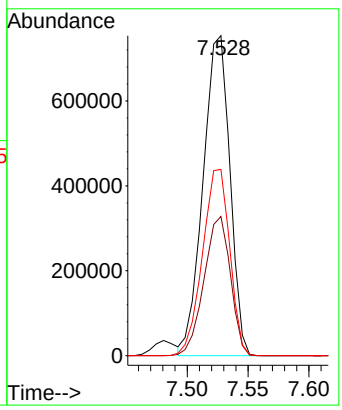


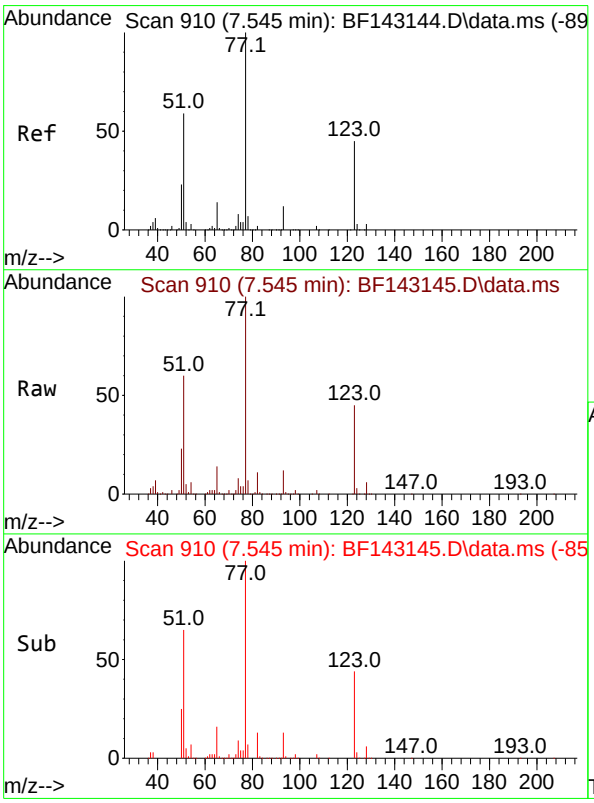
#23
Nitrobenzene-d5
Concen: 103.949 ng
RT: 7.528 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 1158494

Ion	Ratio	Lower	Upper
82	100		
128	43.5	33.6	50.4
54	58.2	47.1	70.7

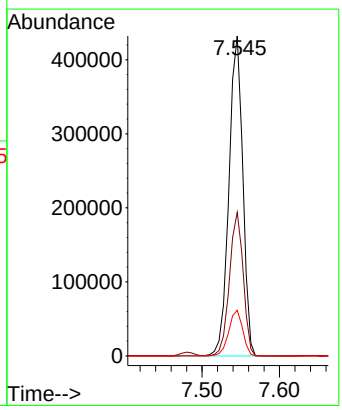


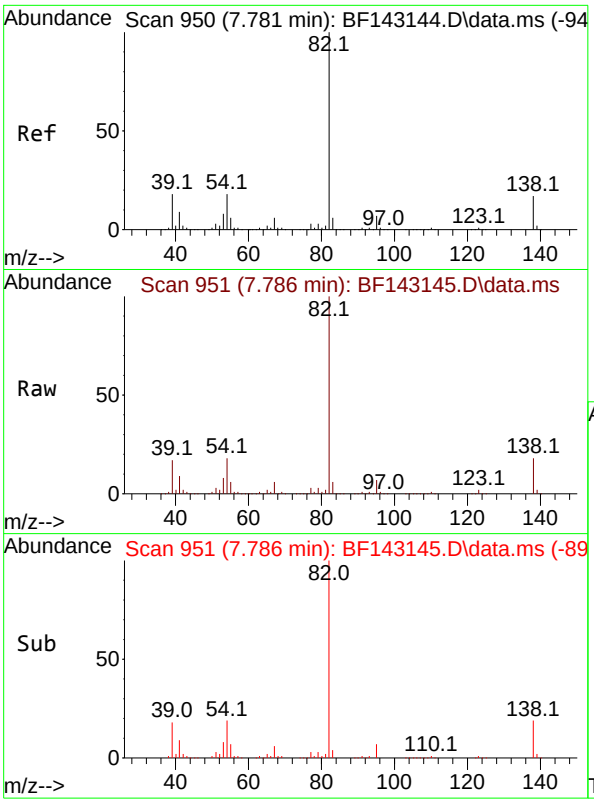


#24
Nitrobenzene
Concen: 51.843 ng
RT: 7.545 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 77 Resp: 538666

Ion	Ratio	Lower	Upper
77	100		
123	44.9	36.1	54.1
65	14.3	11.4	17.2



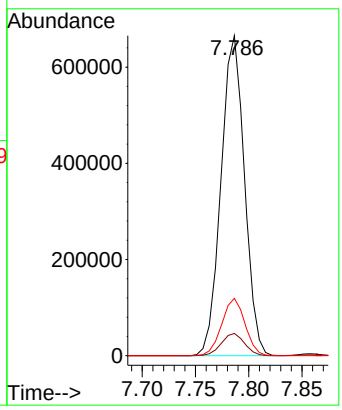


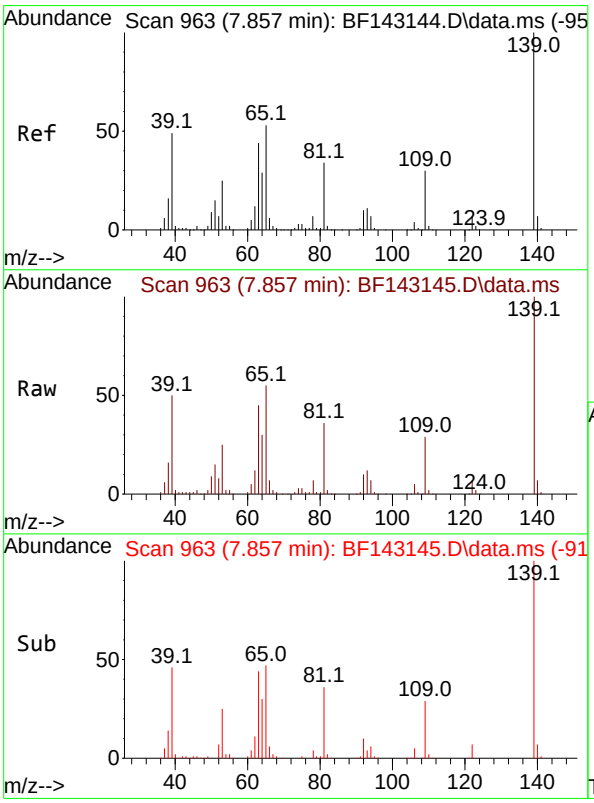
#25
Isophorone
Concen: 51.783 ng
RT: 7.786 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 1018783

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.5	8.3
138	17.9	13.8	20.8

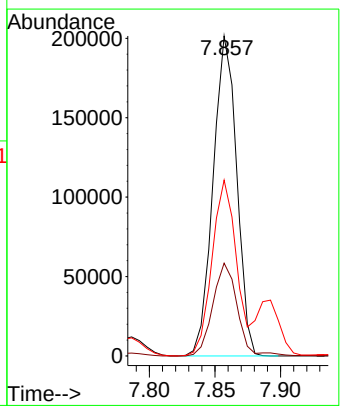


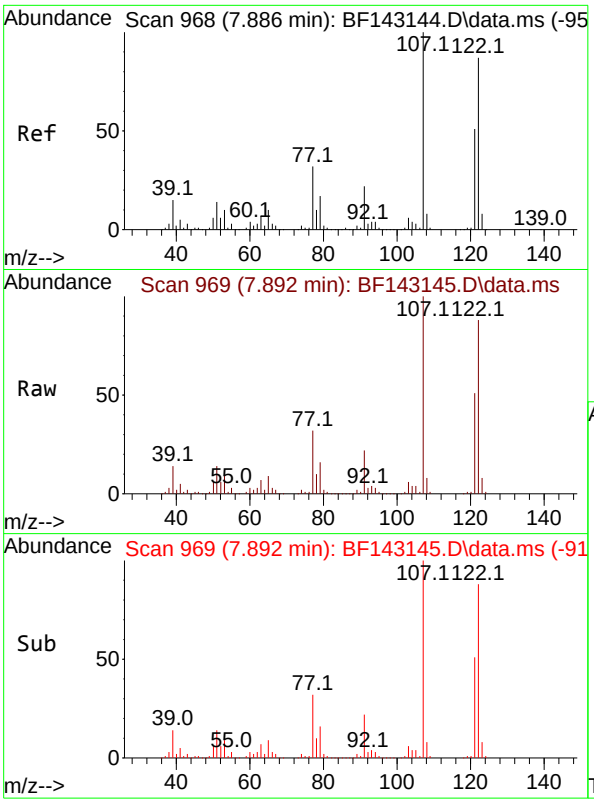


#26
2-Nitrophenol
Concen: 55.920 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:139 Resp: 252169

Ion	Ratio	Lower	Upper
139	100		
109	29.0	23.6	35.4
65	55.0	42.6	64.0



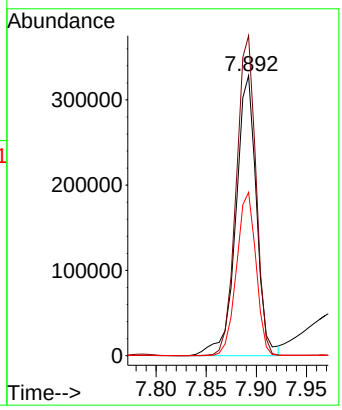


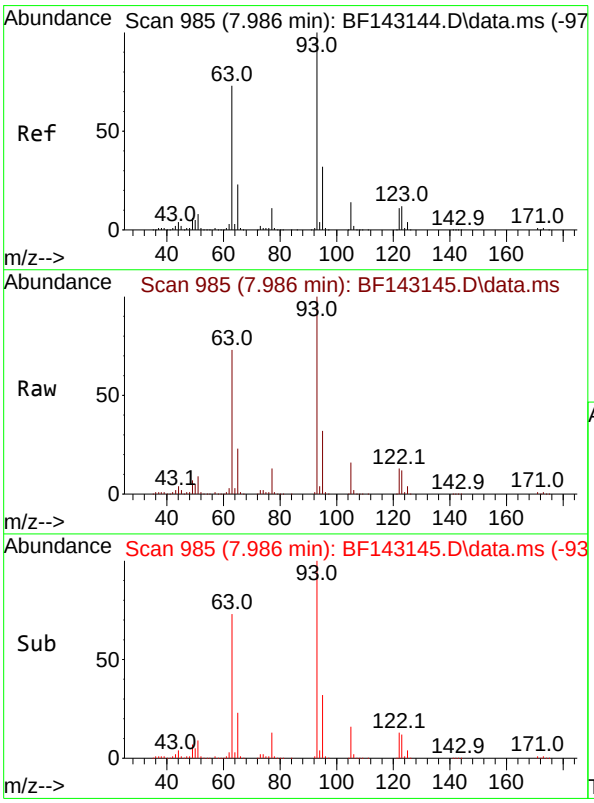
#27
2,4-Dimethylphenol
Concen: 51.112 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:122 Resp: 469819

Ion	Ratio	Lower	Upper
122	100		
107	114.3	91.8	137.6
121	58.4	46.3	69.5

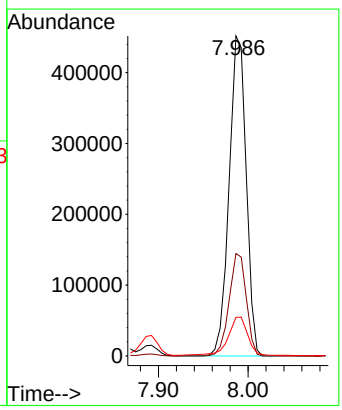


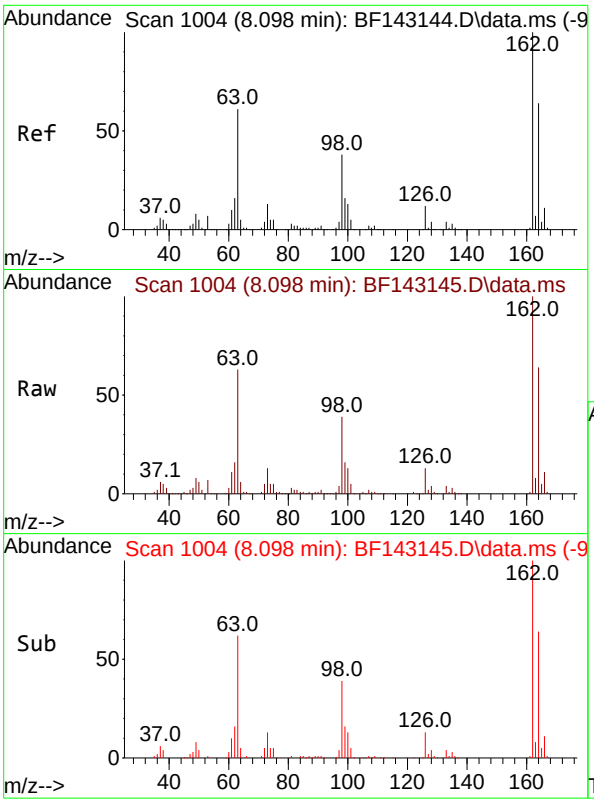


#28
bis(2-Chloroethoxy)methane
Concen: 50.631 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 93 Resp: 597241

Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.8	38.6
123	12.1	9.7	14.5



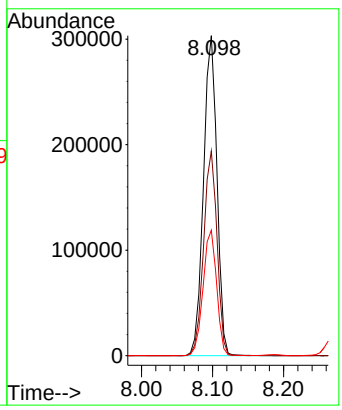


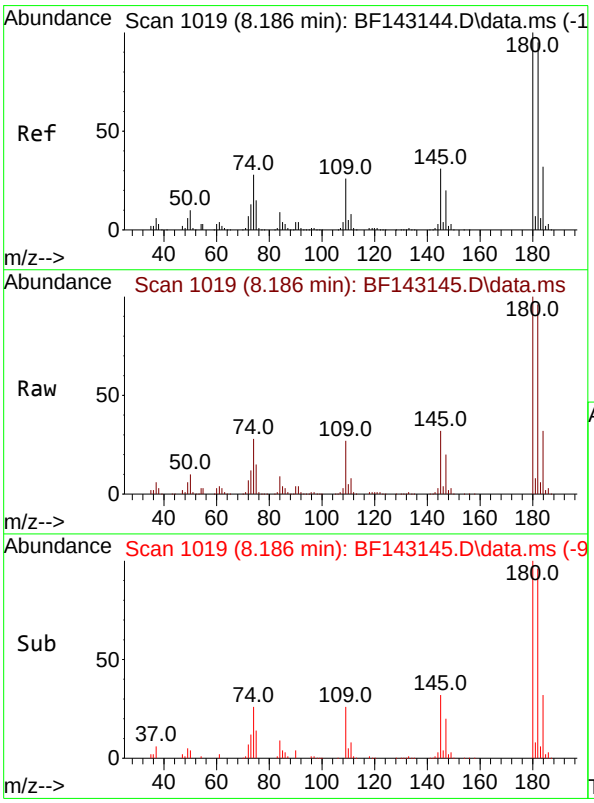
#29
2,4-Dichlorophenol
Concen: 51.773 ng
RT: 8.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 401336

Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.2	84.2
98	39.2	17.9	57.9

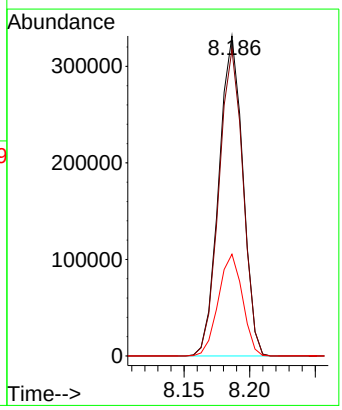


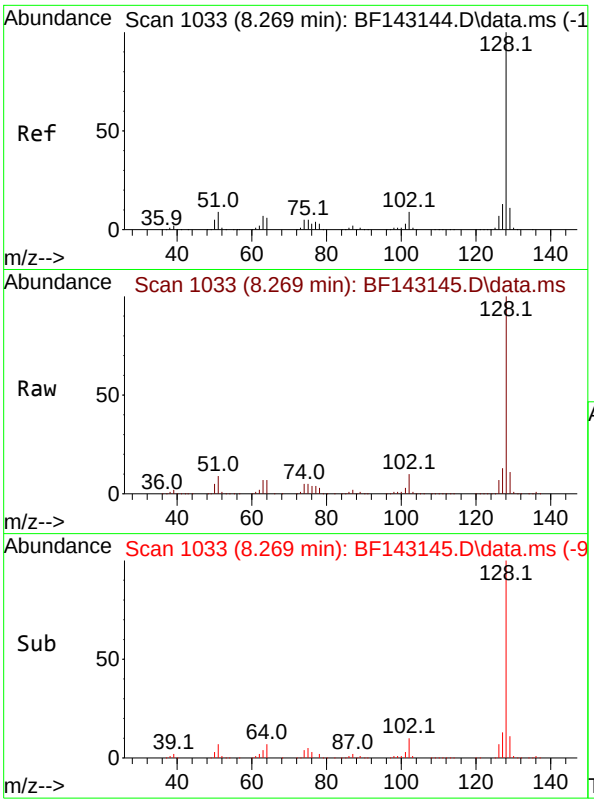


#30
1,2,4-Trichlorobenzene
Concen: 50.242 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:180 Resp: 420763

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.2	114.2
145	31.8	25.0	37.6



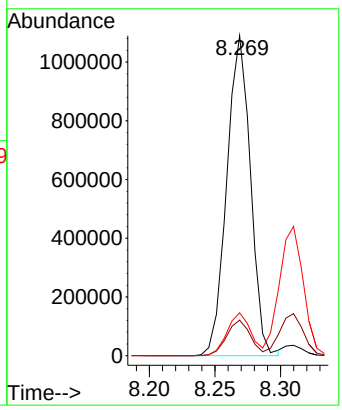


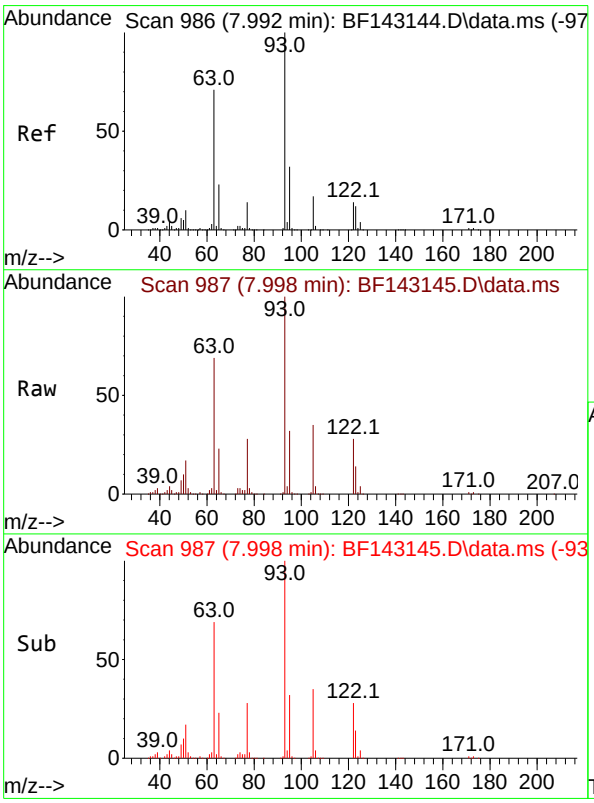
#31
Naphthalene
Concen: 50.060 ng
RT: 8.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 1369627

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.4	10.6	16.0

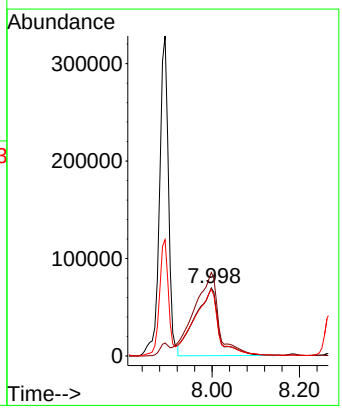


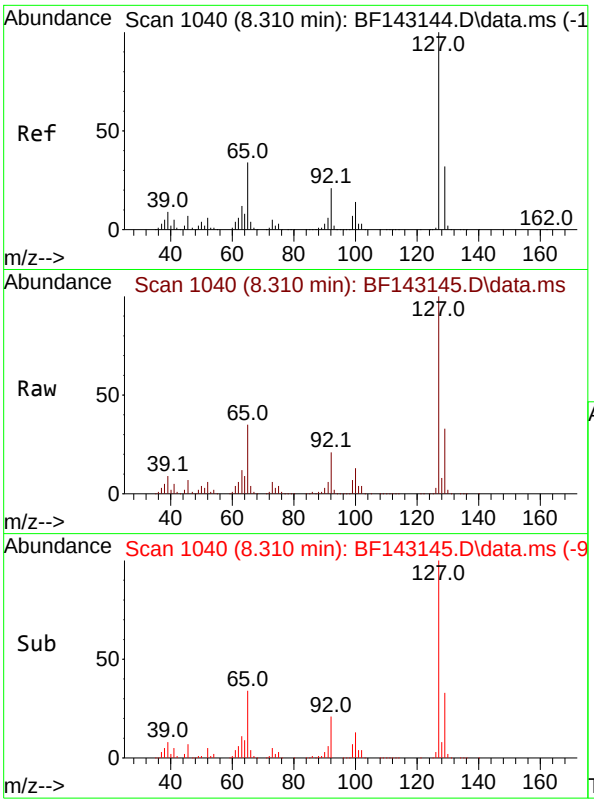


#32
Benzoic acid
Concen: 50.647 ng
RT: 7.998 min Scan# 987
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:122 Resp: 263494

Ion	Ratio	Lower	Upper
122	100		
105	123.0	104.8	144.8
77	98.4	77.6	117.6



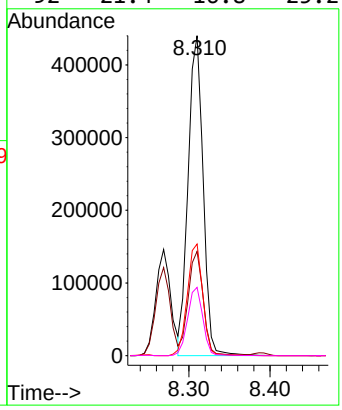


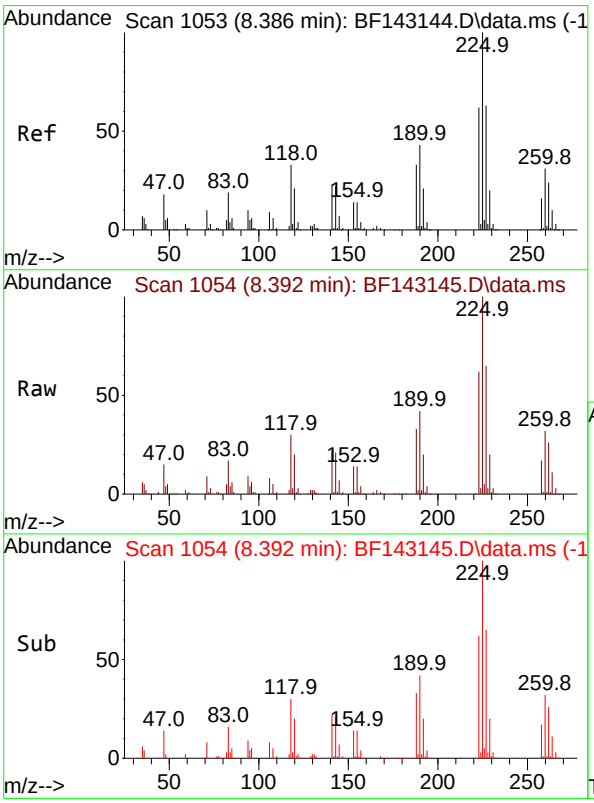
#33
4-Chloroaniline
Concen: 50.703 ng
RT: 8.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 566422

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	34.9	27.4	41.2
92	21.4	16.8	25.2

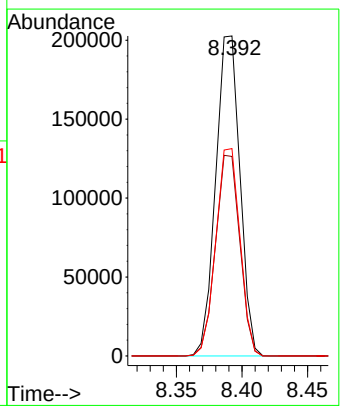


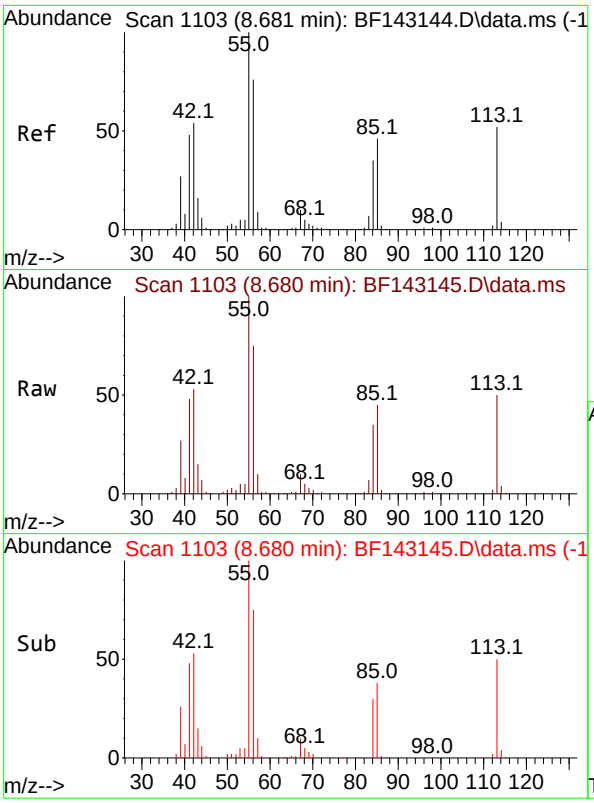


#34
Hexachlorobutadiene
Concen: 50.976 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:225 Resp: 260787

Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.6
227	64.8	50.2	75.4



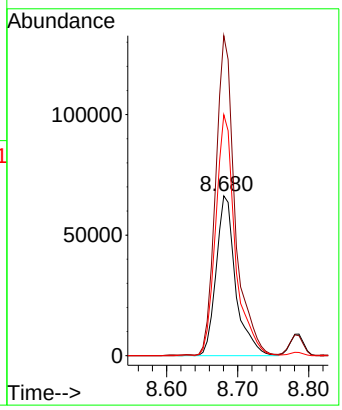


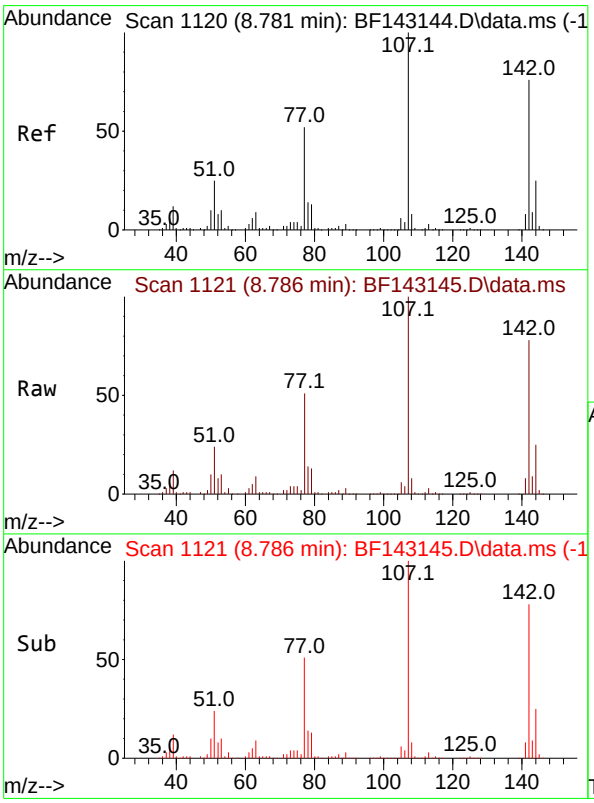
#35
Caprolactam
Concen: 53.811 ng
RT: 8.680 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 126050

Ion	Ratio	Lower	Upper
113	100		
55	200.3	174.0	214.0
56	150.8	126.6	166.6

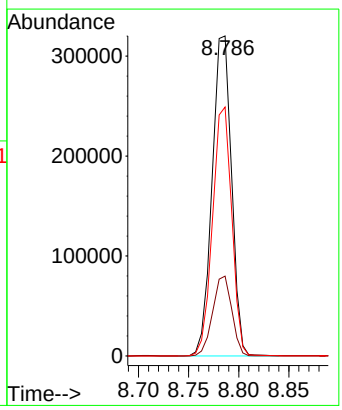


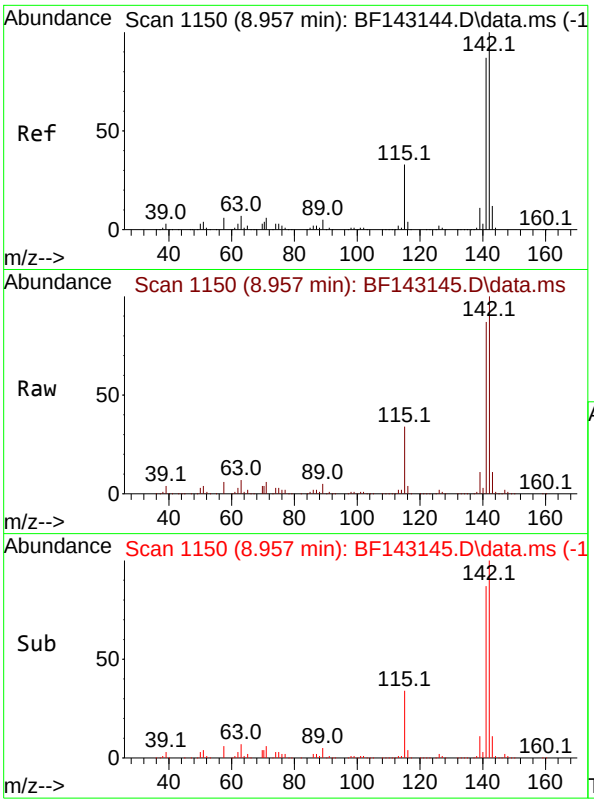


#36
4-Chloro-3-methylphenol
Concen: 51.242 ng
RT: 8.786 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:107 Resp: 431745

Ion	Ratio	Lower	Upper
107	100		
144	25.0	19.8	29.6
142	77.8	60.6	90.8



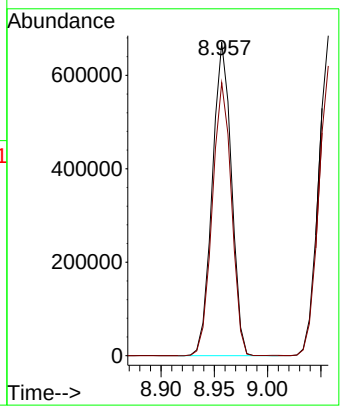


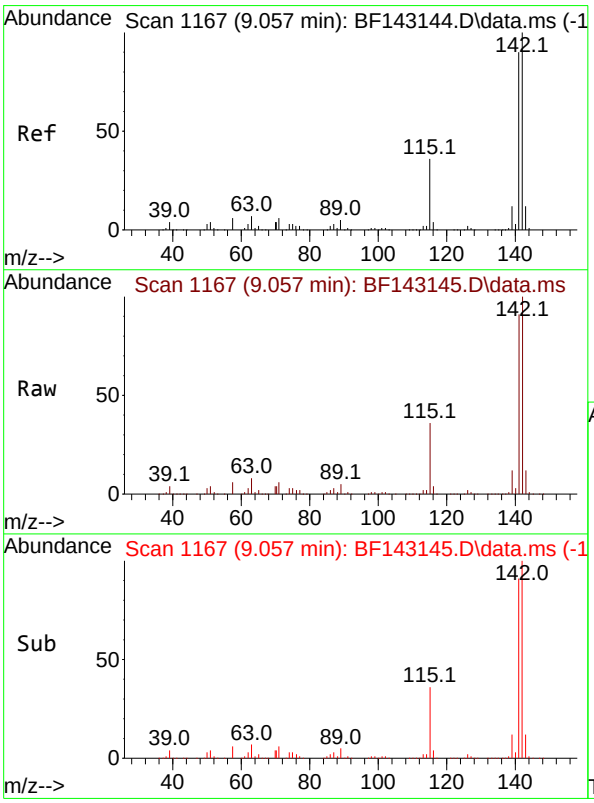
#37
2-Methylnaphthalene
Concen: 50.324 ng
RT: 8.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 837820

Ion	Ratio	Lower	Upper
142	100		
141	87.1	69.9	104.9

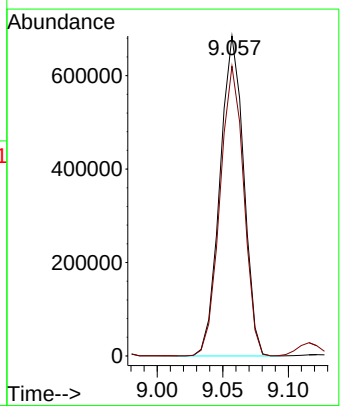


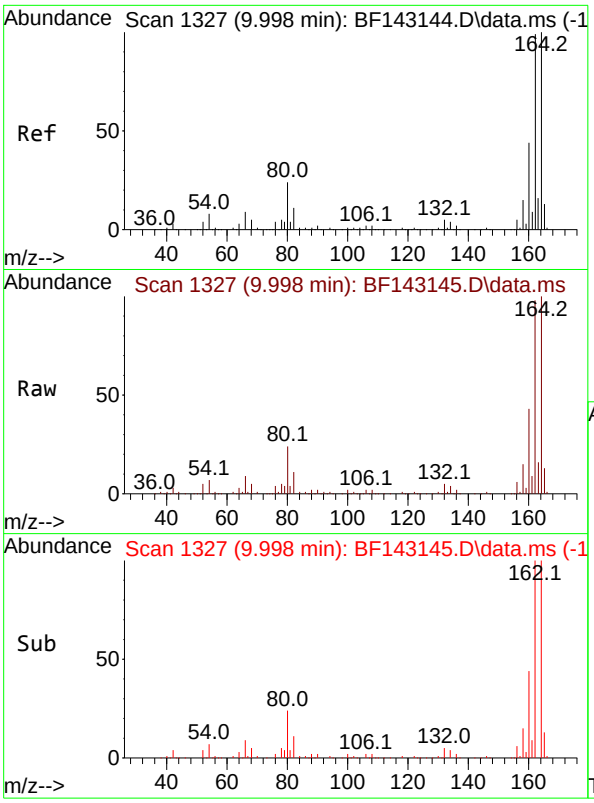


#38
1-Methylnaphthalene
Concen: 50.298 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:142 Resp: 862300

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.3	108.5



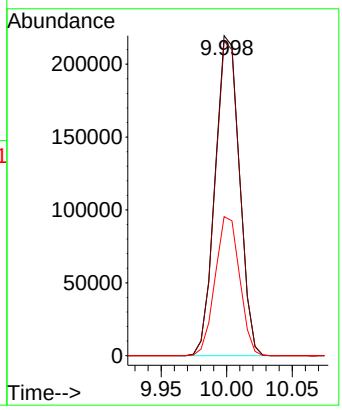


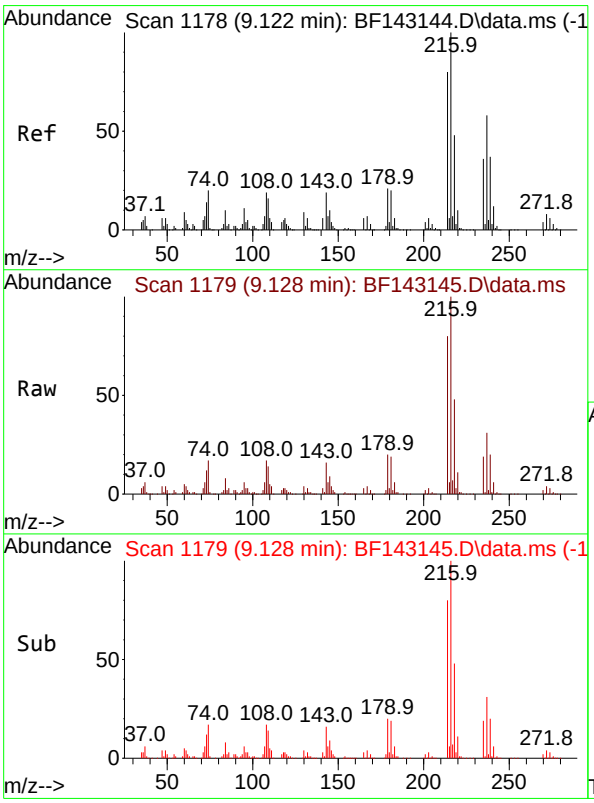
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 283657

Ion	Ratio	Lower	Upper
164	100		
162	98.3	79.0	118.6
160	43.5	35.1	52.7

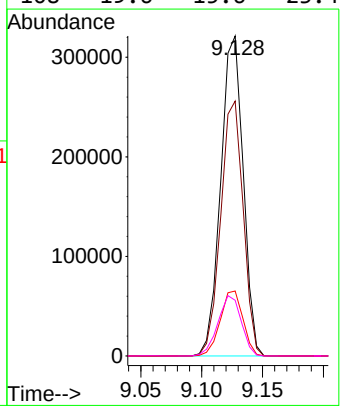


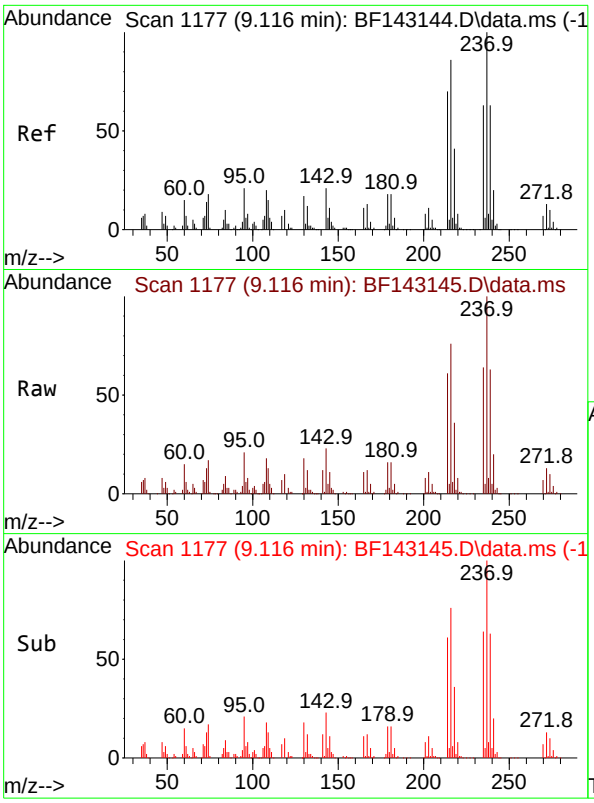


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.420 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:216 Resp: 412916

Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.8	95.8
179	20.5	16.4	24.6
108	19.6	15.6	23.4



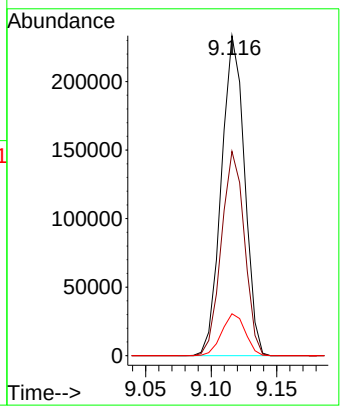


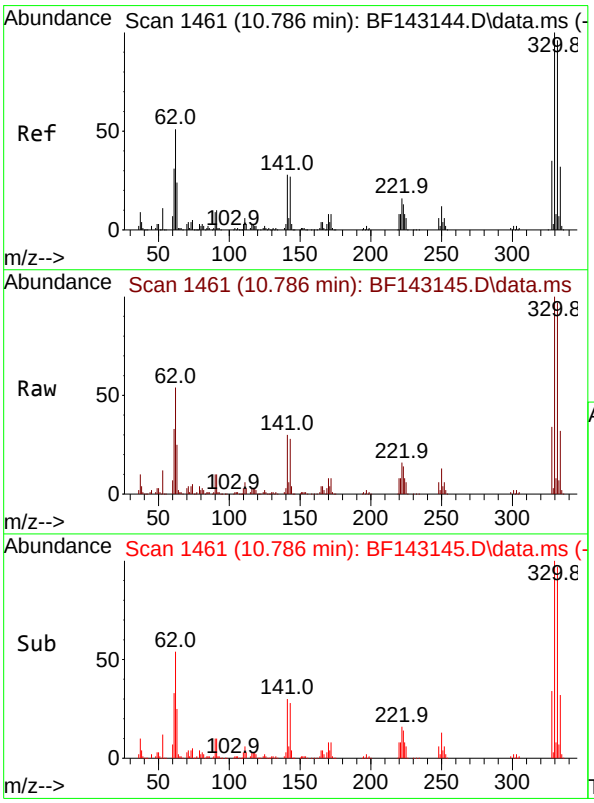
#41
Hexachlorocyclopentadiene
Concen: 53.823 ng
RT: 9.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 286805

Ion	Ratio	Lower	Upper
237	100		
235	63.9	43.0	83.0
272	13.1	0.0	33.3

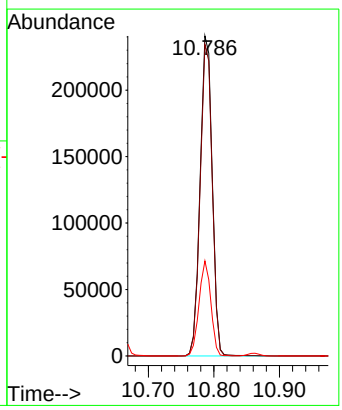


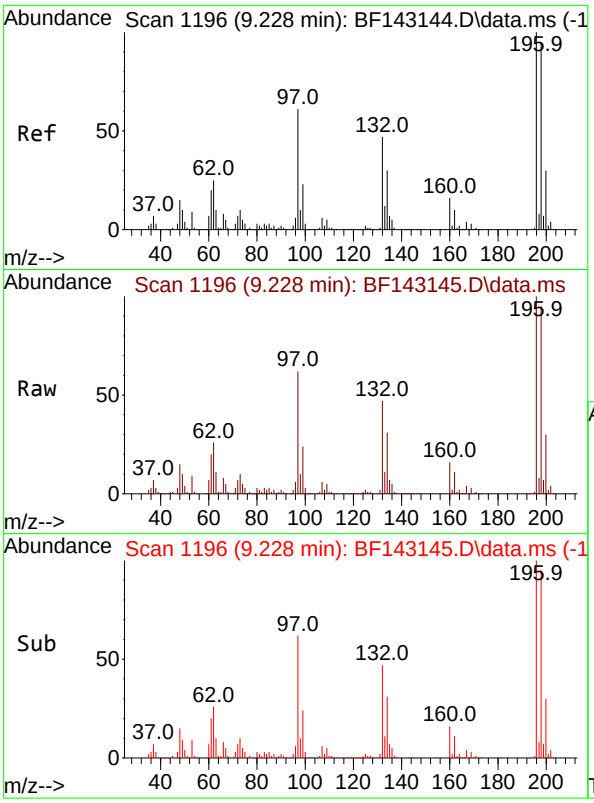


#42
2,4,6-Tribromophenol
Concen: 105.607 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:330 Resp: 309465

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.7	115.1
141	29.0	23.3	34.9



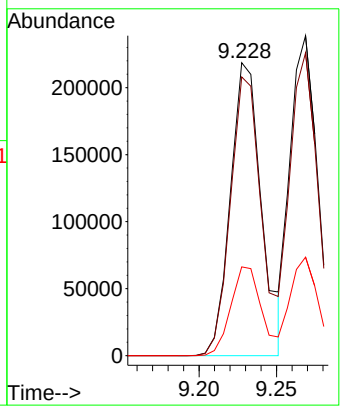


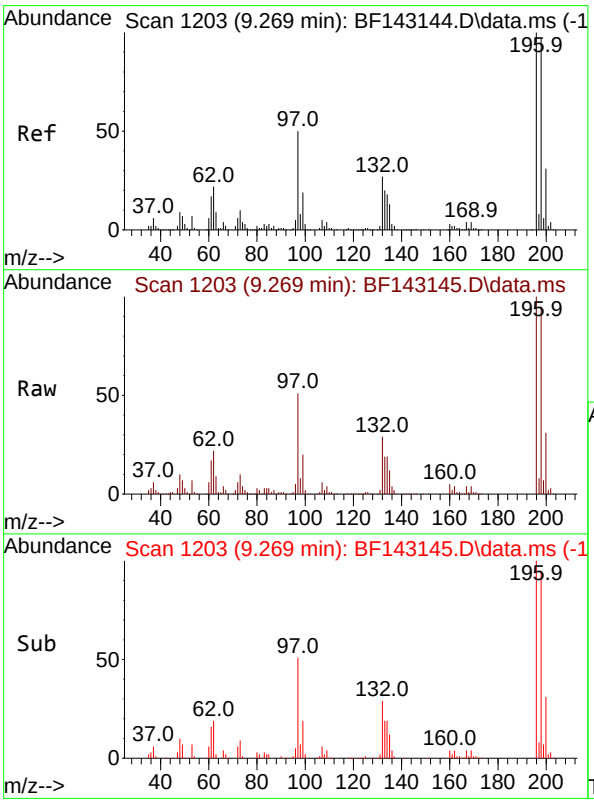
#43
2,4,6-Trichlorophenol
Concen: 53.718 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 304466

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
200	30.3	23.9	35.9

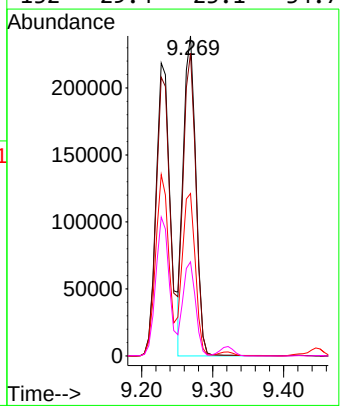


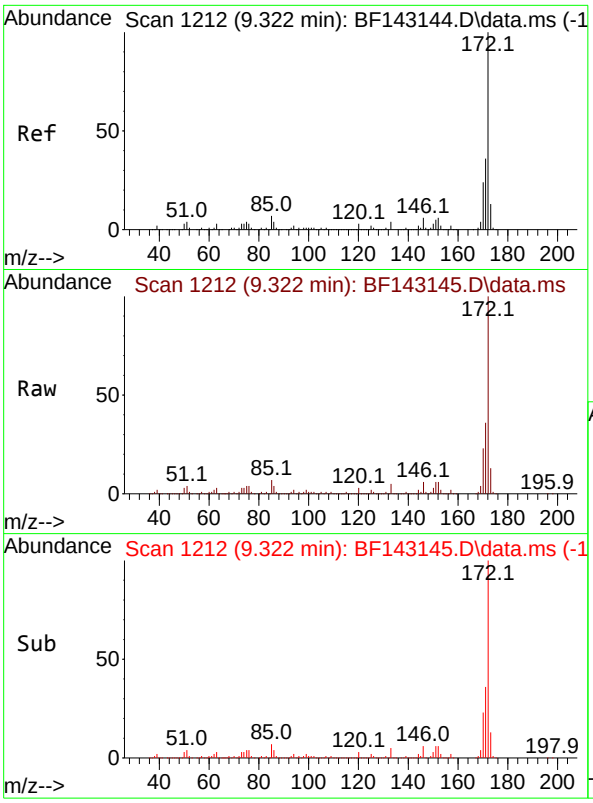


#44
2,4,5-Trichlorophenol
Concen: 51.434 ng
RT: 9.269 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:196 Resp: 291607

Ion	Ratio	Lower	Upper
196	100		
198	94.7	77.3	115.9
97	50.8	40.3	60.5
132	29.4	23.1	34.7



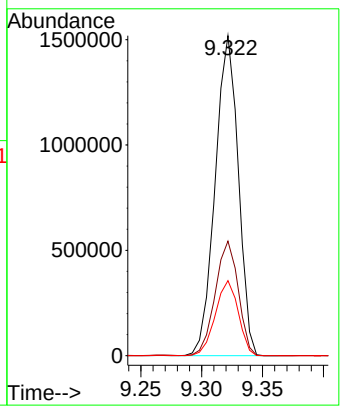


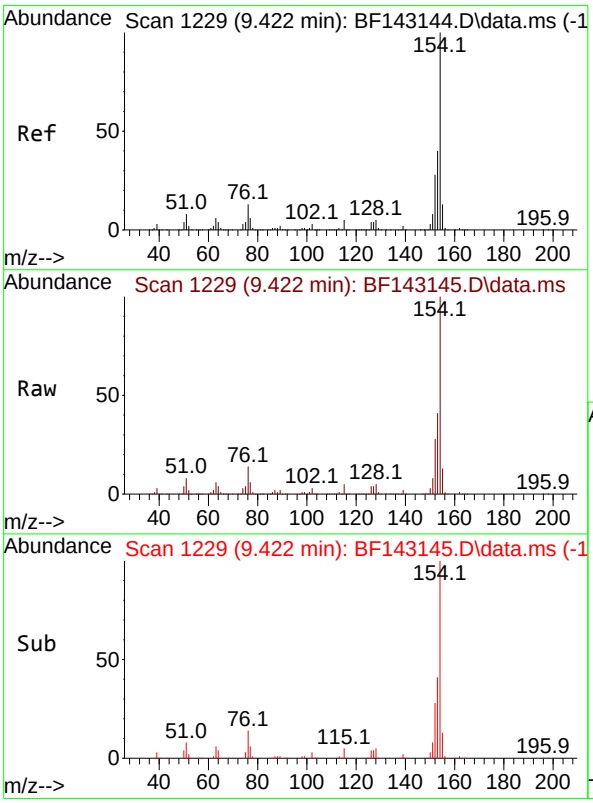
#45
2-Fluorobiphenyl
Concen: 96.712 ng
RT: 9.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp: 2005894

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	23.5	18.8	28.2

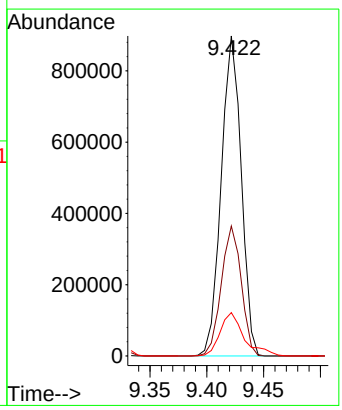


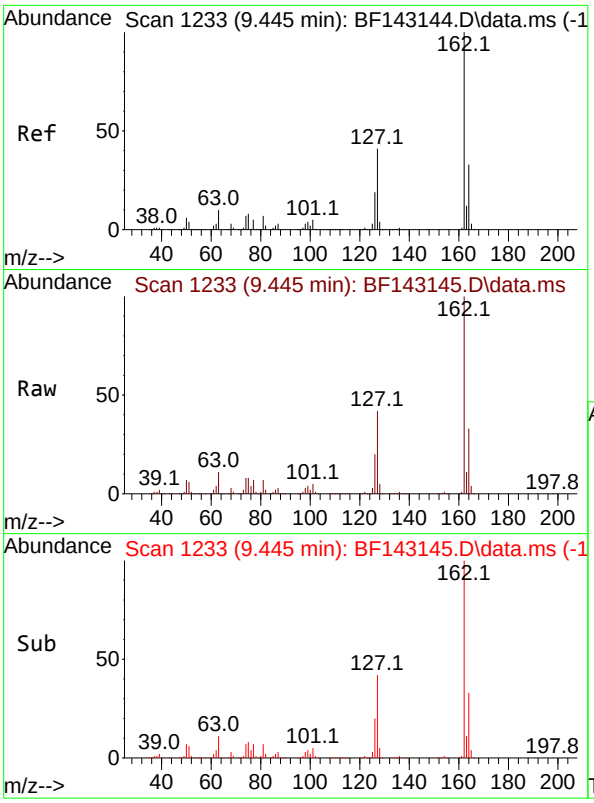


#46
1,1'-Biphenyl
Concen: 49.764 ng
RT: 9.422 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:154 Resp: 1101317

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.3	60.3
76	13.5	0.0	33.3



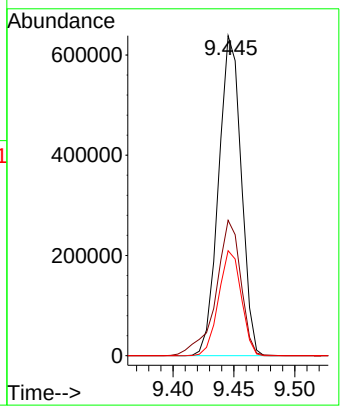


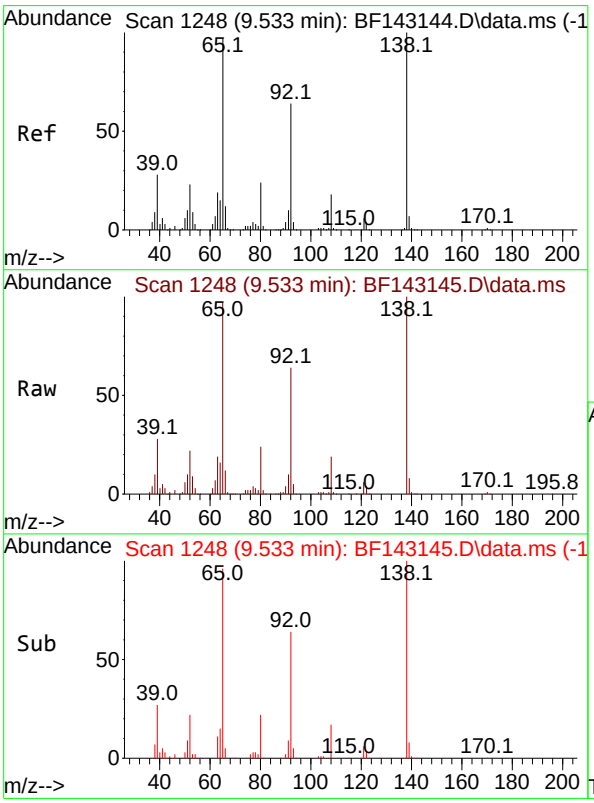
#47
2-Chloronaphthalene
Concen: 50.488 ng
RT: 9.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 826749

Ion	Ratio	Lower	Upper
162	100		
127	42.3	33.4	50.2
164	32.8	26.2	39.2

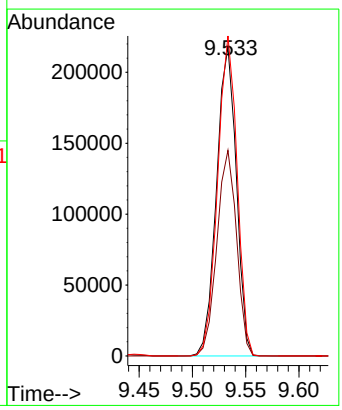


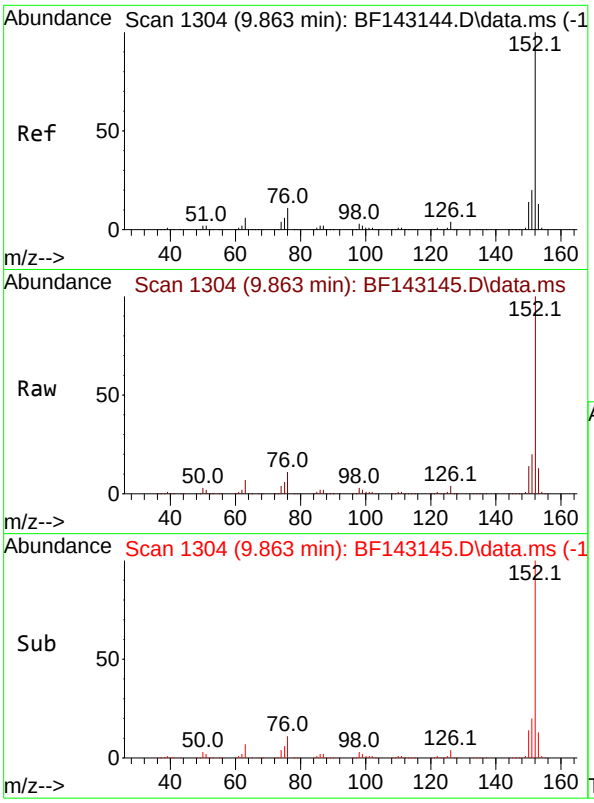


#48
2-Nitroaniline
Concen: 54.736 ng
RT: 9.533 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 65 Resp: 281082

Ion	Ratio	Lower	Upper
65	100		
92	66.5	52.4	78.6
138	103.5	82.3	123.5



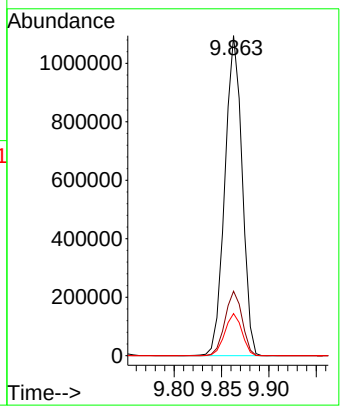


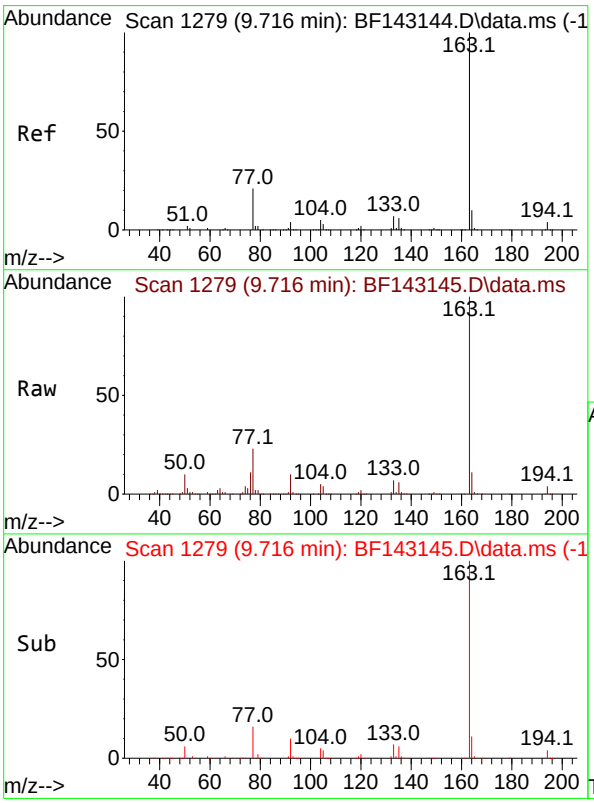
#49
Acenaphthylene
Concen: 50.605 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 1388721

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.1	10.6	16.0

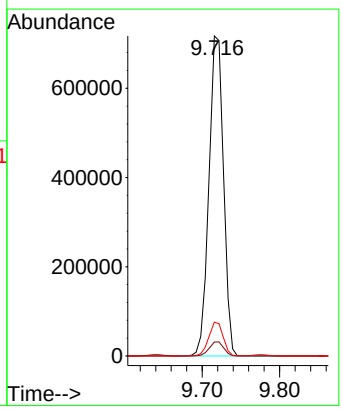


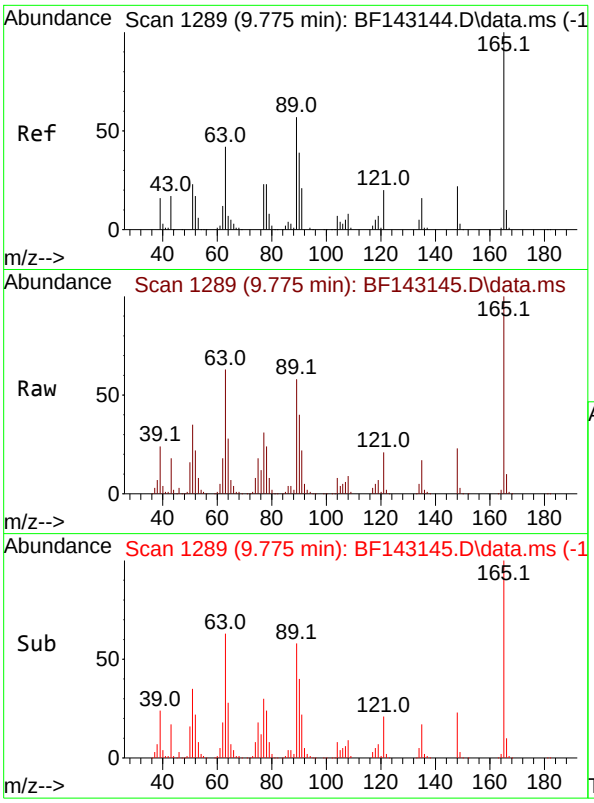


#50
Dimethylphthalate
Concen: 50.832 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:163 Resp: 939863

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.5	8.3	12.5



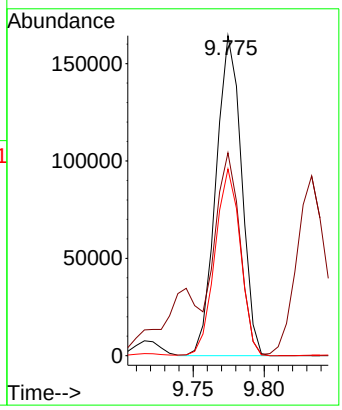


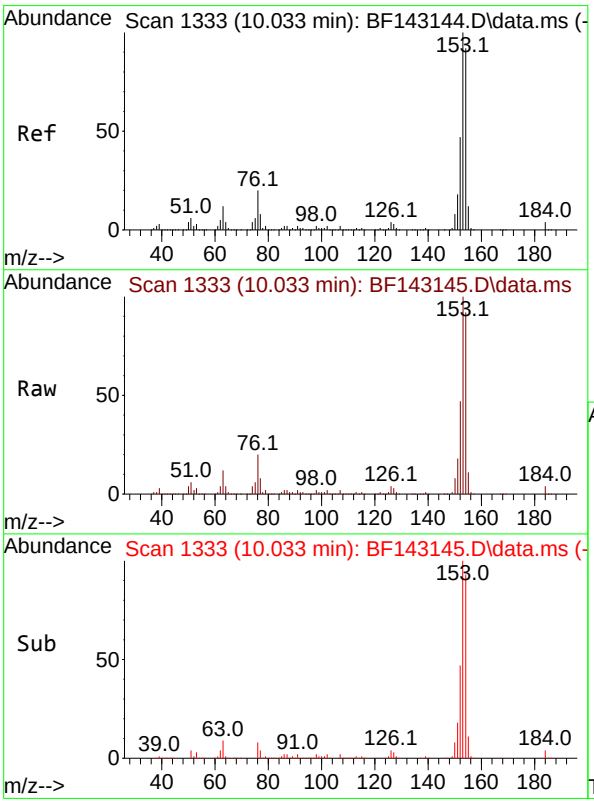
#51
2,6-Dinitrotoluene
Concen: 54.541 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 205147

Ion	Ratio	Lower	Upper
165	100		
63	63.4	49.4	74.2
89	58.4	46.2	69.2

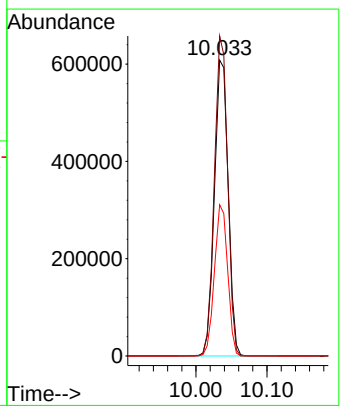


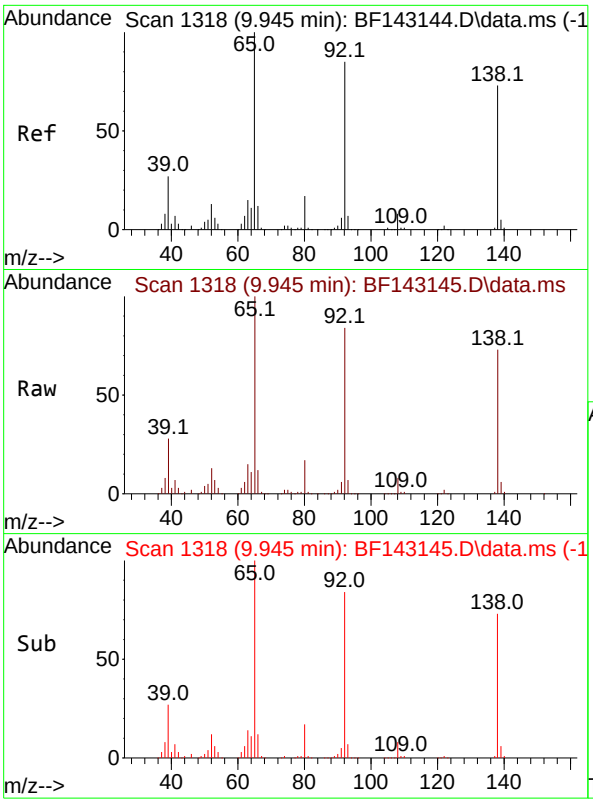


#52
Acenaphthene
Concen: 50.481 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:154 Resp: 818783

Ion	Ratio	Lower	Upper
154	100		
153	108.2	86.6	129.8
152	51.1	40.4	60.6



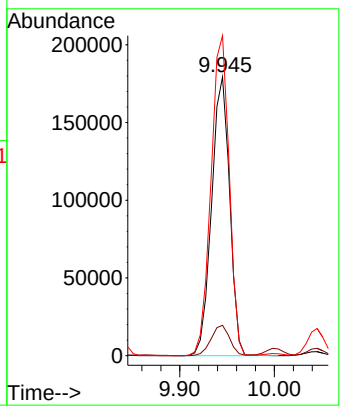


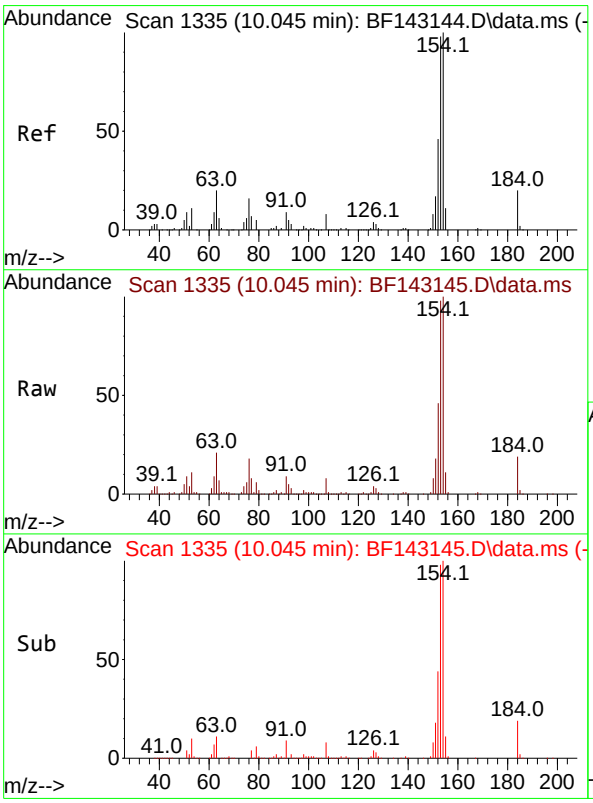
#53
3-Nitroaniline
Concen: 53.861 ng
RT: 9.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 236959

Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.0	13.6
92	114.8	93.0	139.4

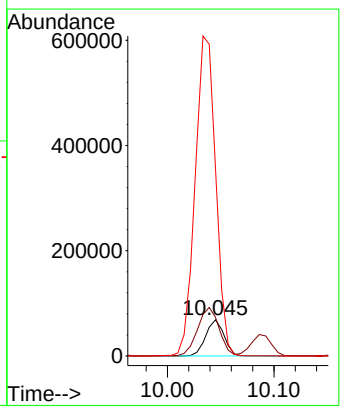


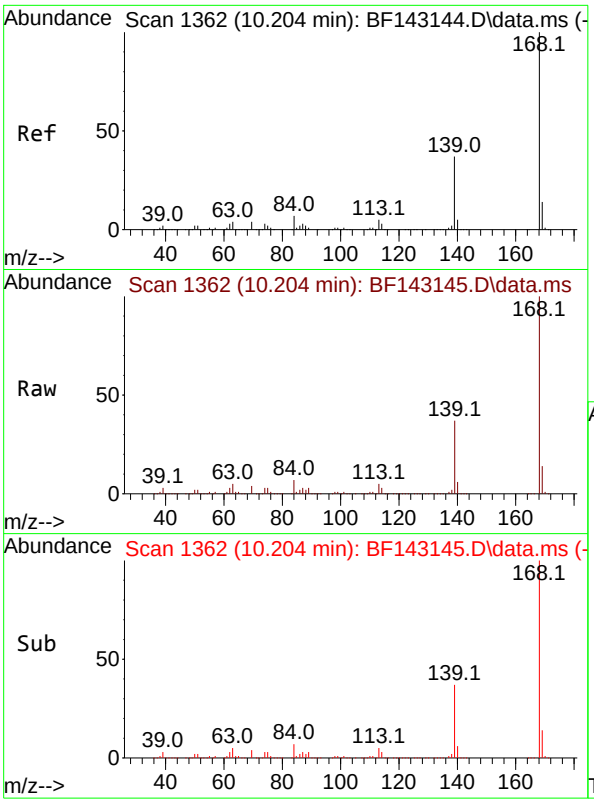


#54
2,4-Dinitrophenol
Concen: 50.750 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:184 Resp: 81983

Ion	Ratio	Lower	Upper
184	100		
63	106.9	81.8	122.6
154	519.2	412.2	618.4



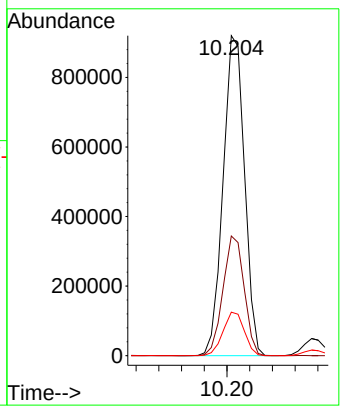


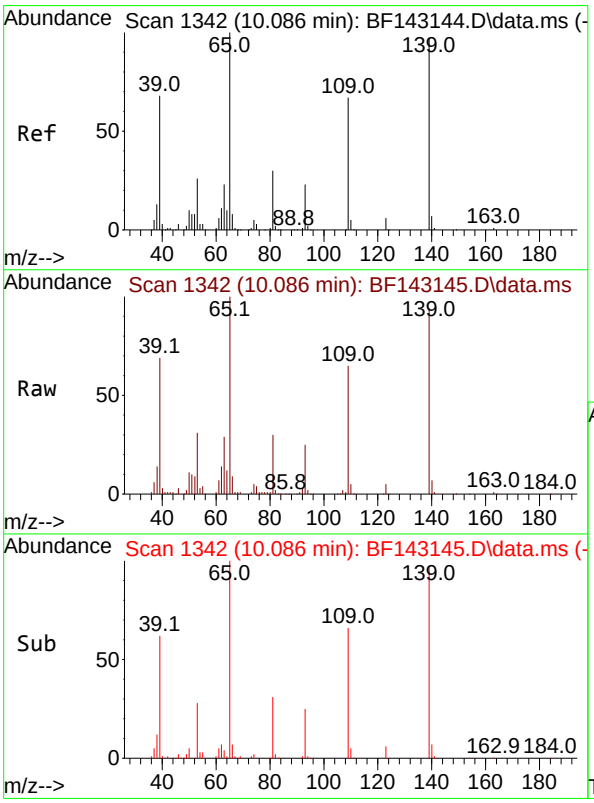
#55
Dibenzofuran
Concen: 50.001 ng
RT: 10.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:168 Resp: 1204088

Ion	Ratio	Lower	Upper
168	100		
139	37.4	29.5	44.3
169	13.6	10.9	16.3

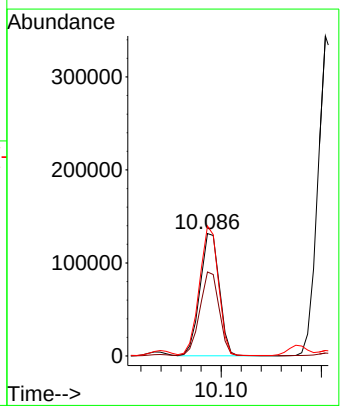


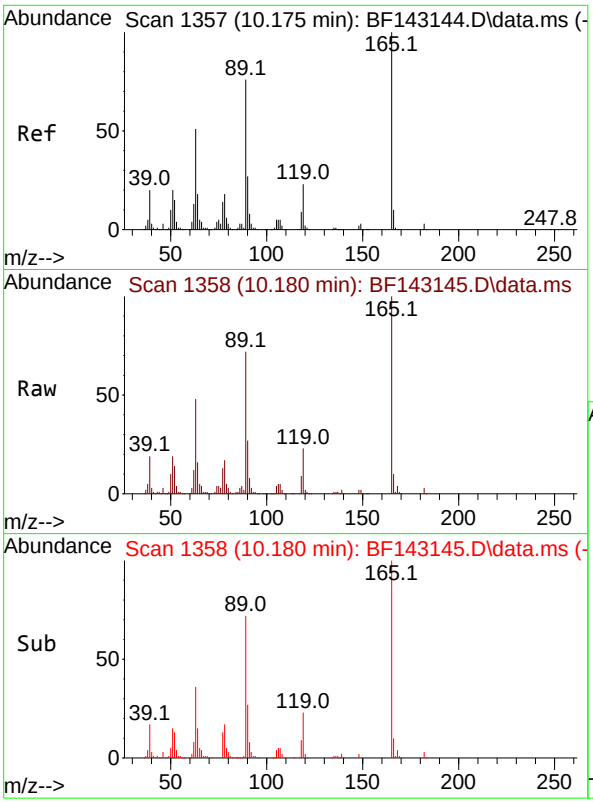


#56
4-Nitrophenol
Concen: 54.001 ng
RT: 10.086 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:139 Resp: 177408

Ion	Ratio	Lower	Upper
139	100		
109	68.7	48.5	88.5
65	106.2	83.4	123.4



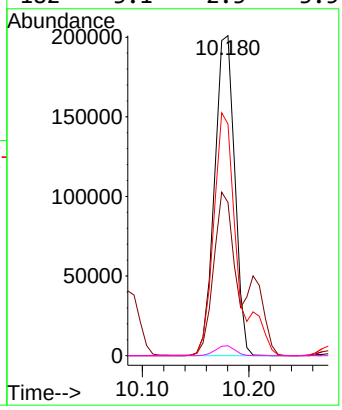


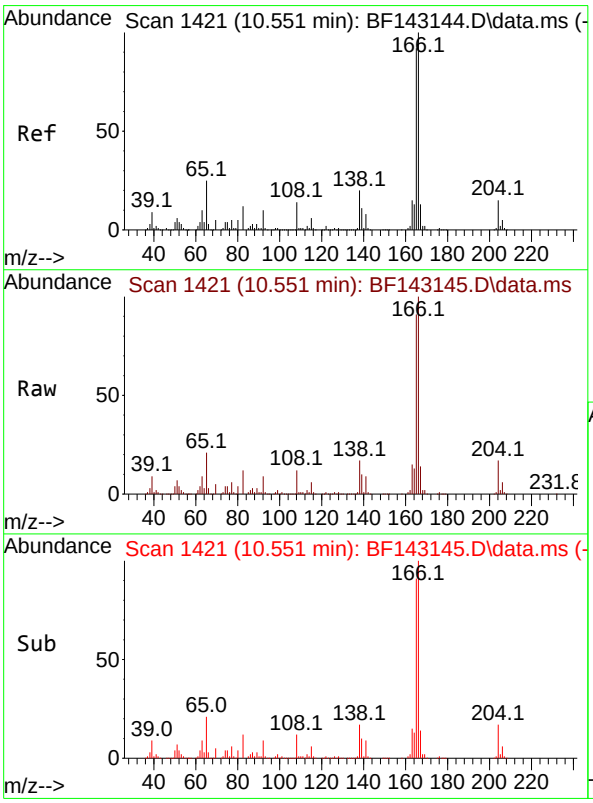
#57
2,4-Dinitrotoluene
Concen: 55.954 ng
RT: 10.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 264045

Ion	Ratio	Lower	Upper
165	100		
63	47.9	41.0	61.4
89	72.4	61.1	91.7
182	3.1	2.3	3.5

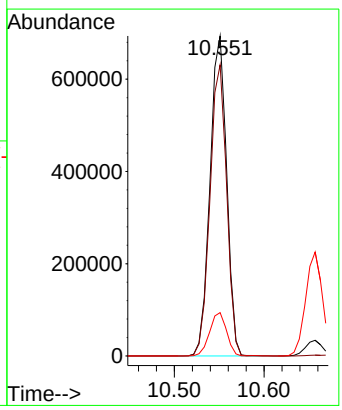


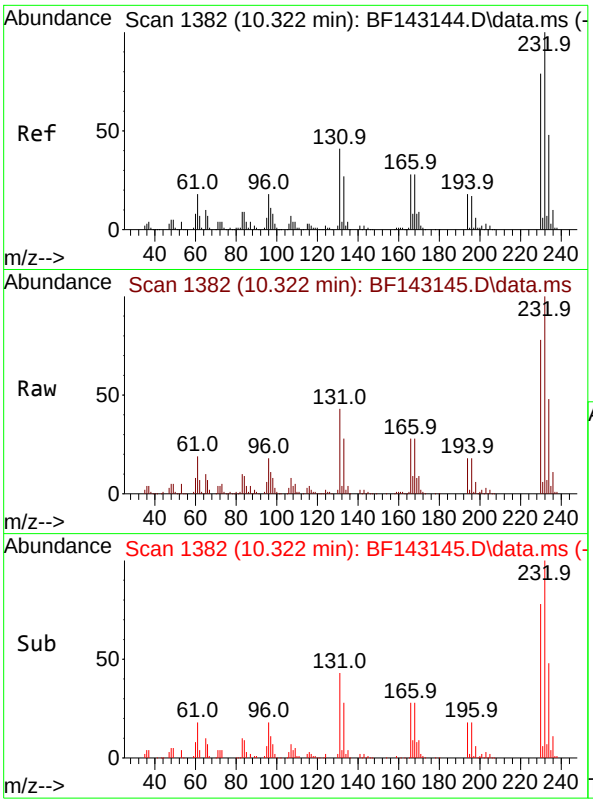


#58
Fluorene
Concen: 49.335 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:166 Resp: 891646

Ion	Ratio	Lower	Upper
166	100		
165	91.0	73.7	110.5
167	13.6	10.6	16.0



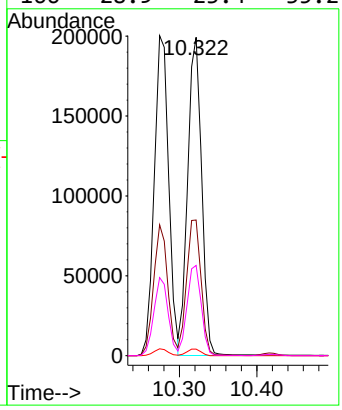


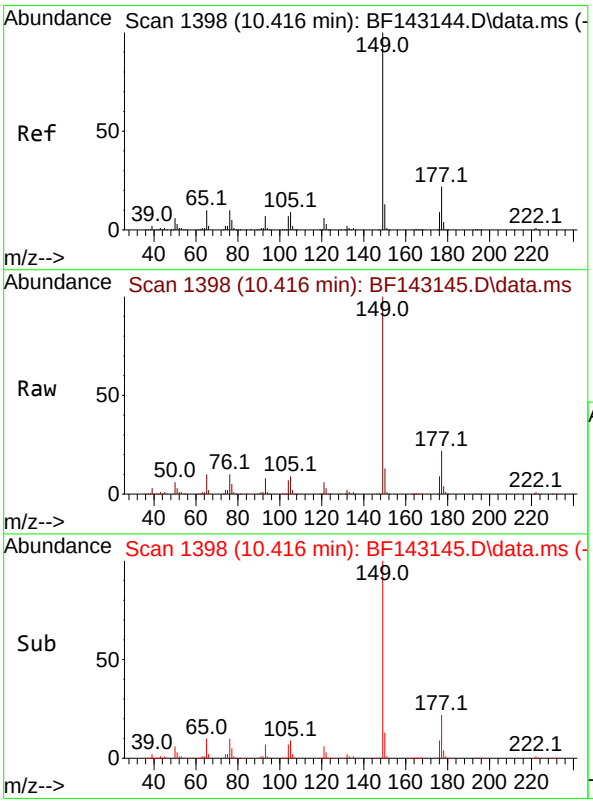
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.965 ng
RT: 10.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 248745

Ion	Ratio	Lower	Upper
232	100		
131	44.3	35.3	52.9
130	2.1	1.7	2.5
166	28.9	23.4	35.2

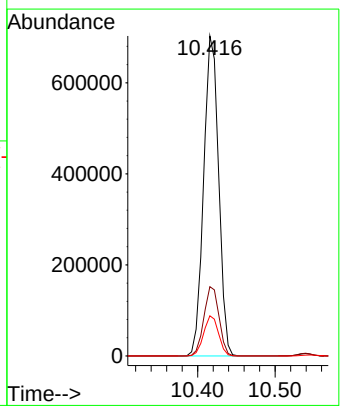


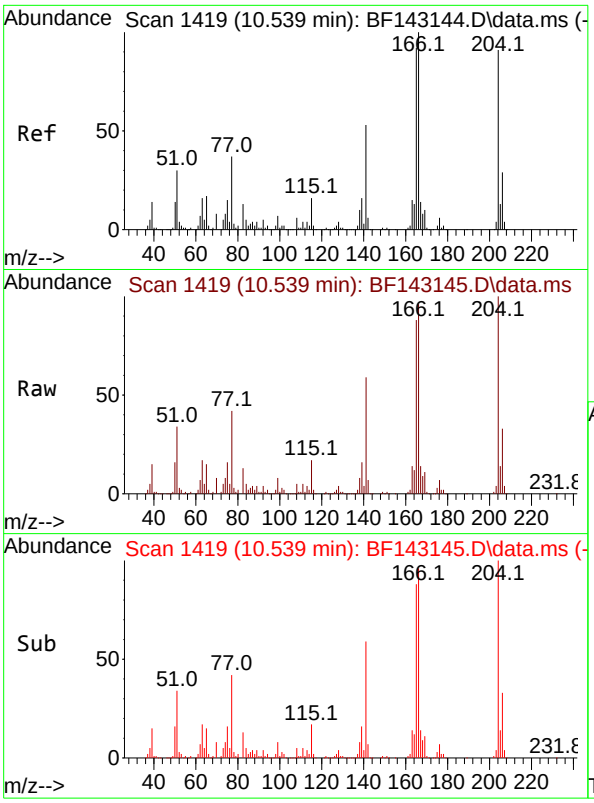


#60
Diethylphthalate
Concen: 51.580 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:149 Resp: 942625

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.5	26.3
150	12.6	10.2	15.2



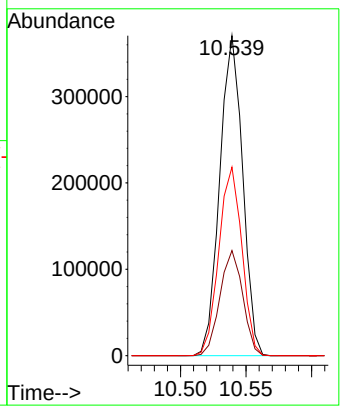


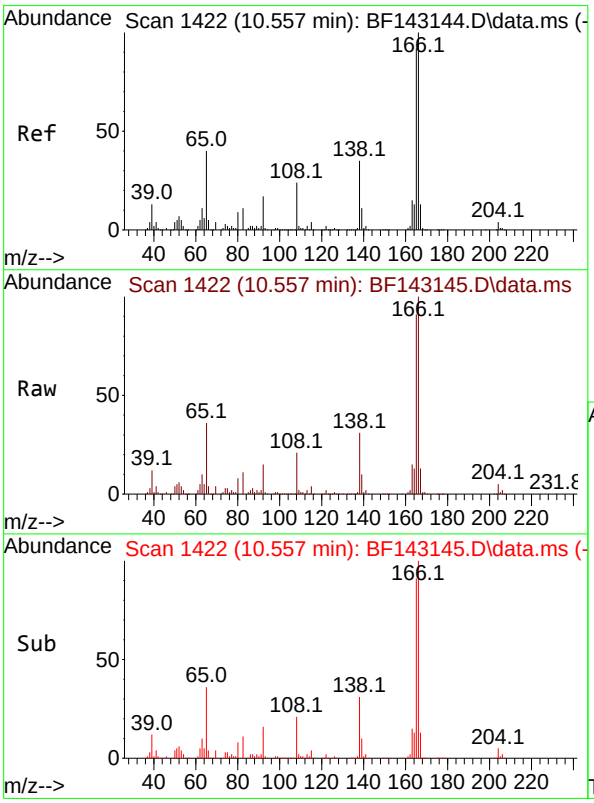
#61
4-Chlorophenyl-phenylether
Concen: 49.911 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 449168

Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.8	38.8
141	58.9	47.0	70.4

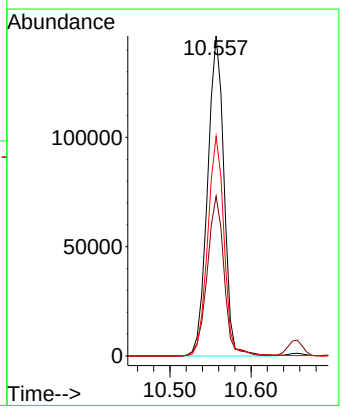


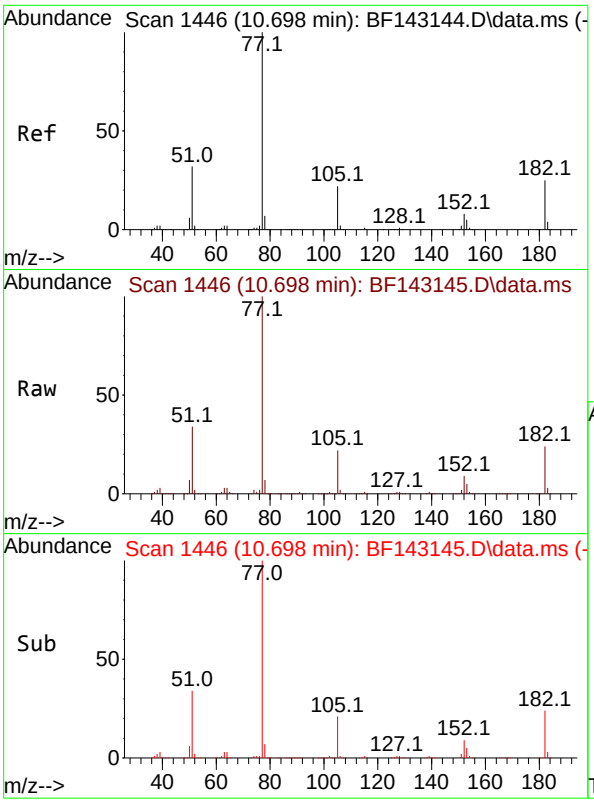


#62
4-Nitroaniline
Concen: 54.424 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:138 Resp: 205210

Ion	Ratio	Lower	Upper
138	100		
92	50.0	29.3	69.3
108	68.7	48.3	88.3



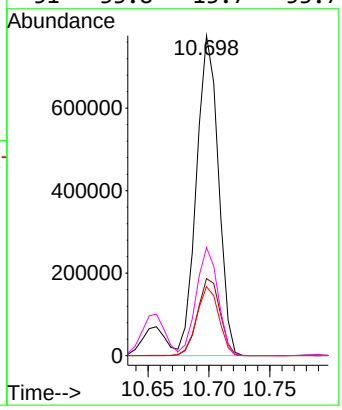


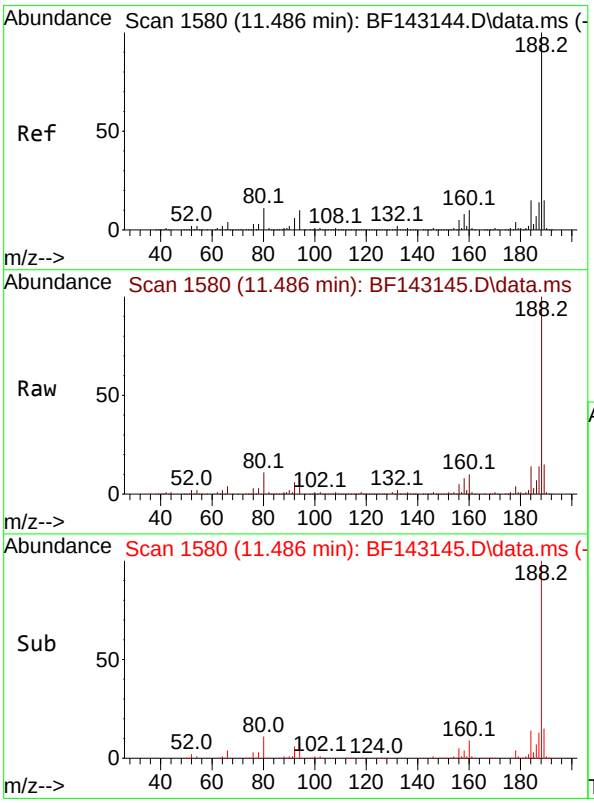
#63
Azobenzene
Concen: 50.766 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 966931

Ion	Ratio	Lower	Upper
77	100		
182	24.1	4.6	44.6
105	21.6	1.4	41.4
51	33.8	13.7	53.7

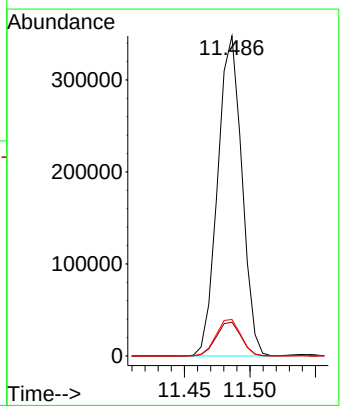


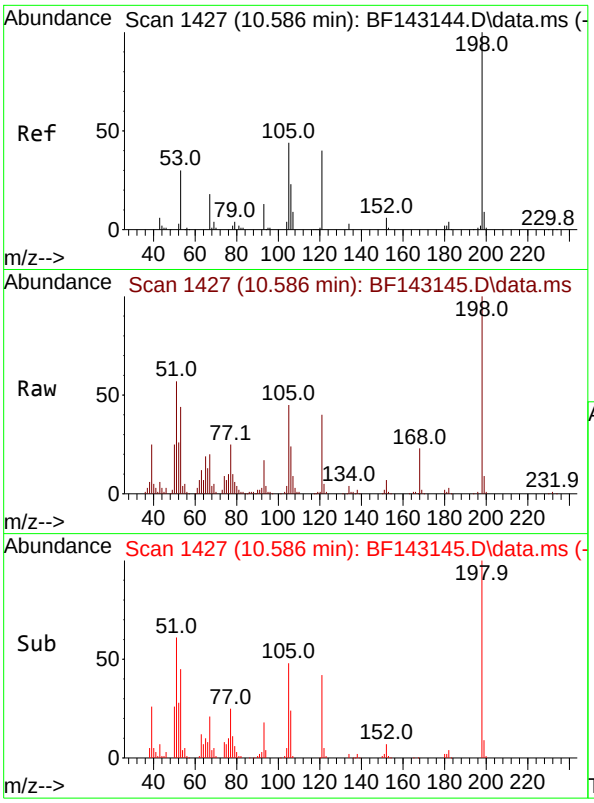


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:188 Resp: 447089

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.3	12.5
80	11.4	9.0	13.6



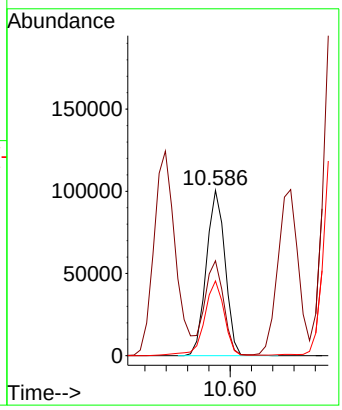


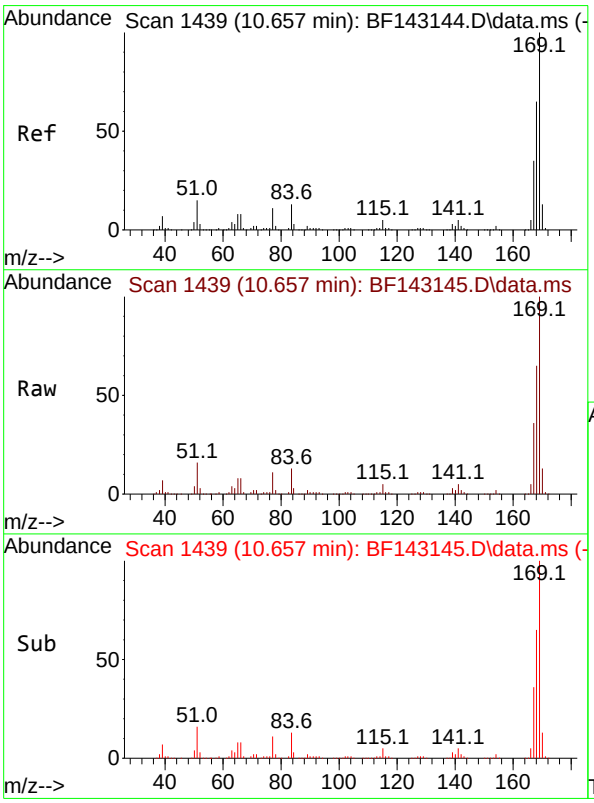
#65
4,6-Dinitro-2-methylphenol
Concen: 51.927 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 122876

Ion	Ratio	Lower	Upper
198	100		
51	57.3	37.2	77.2
105	45.1	24.8	64.8

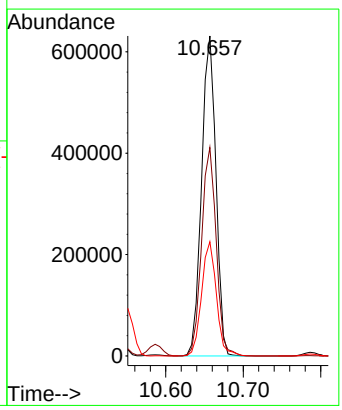


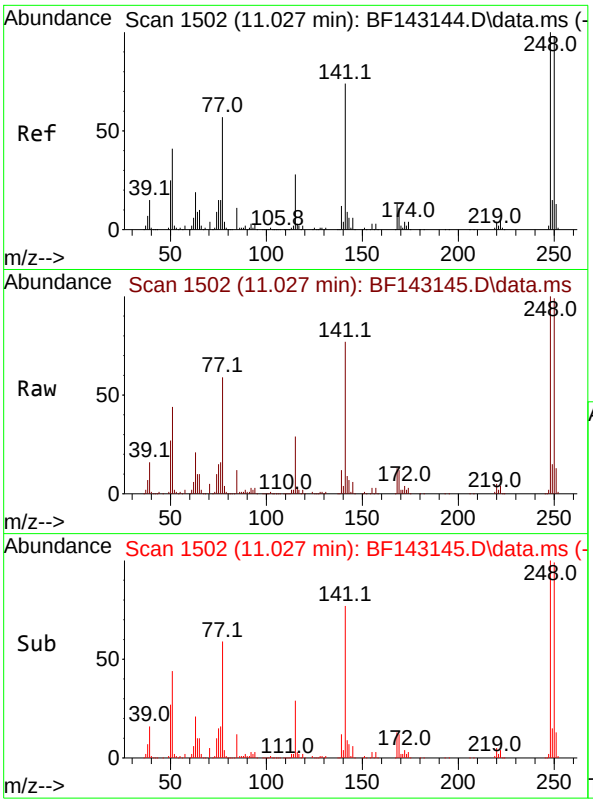


#66
n-Nitrosodiphenylamine
Concen: 51.540 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:169 Resp: 811422

Ion	Ratio	Lower	Upper
169	100		
168	65.1	52.1	78.1
167	35.7	28.2	42.2



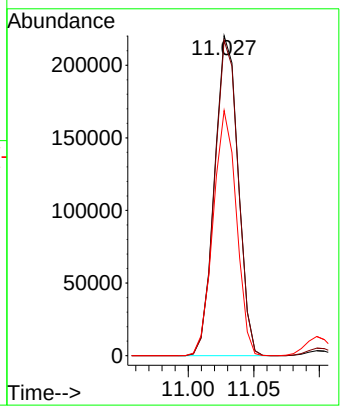


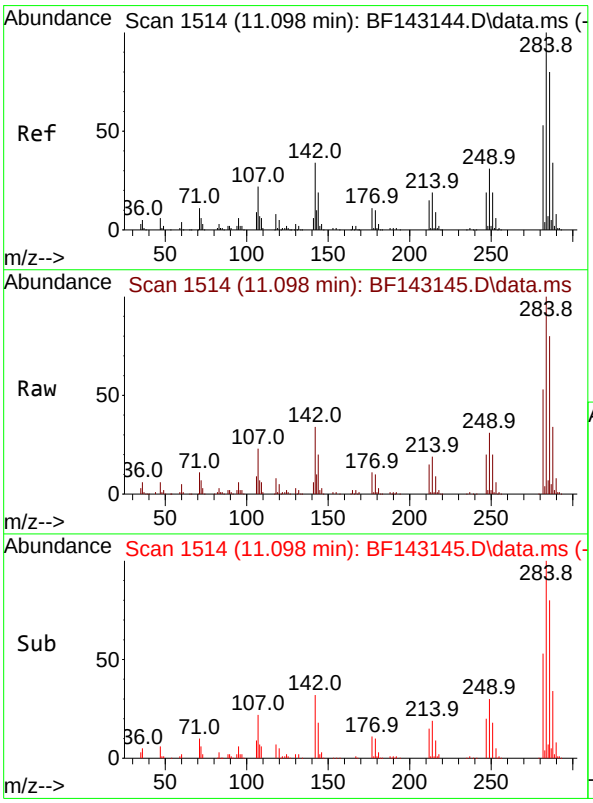
#67
4-Bromophenyl-phenylether
Concen: 51.741 ng
RT: 11.027 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 275679

Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.3	117.5
141	76.6	59.2	88.8

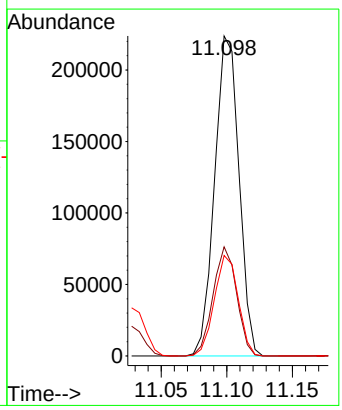


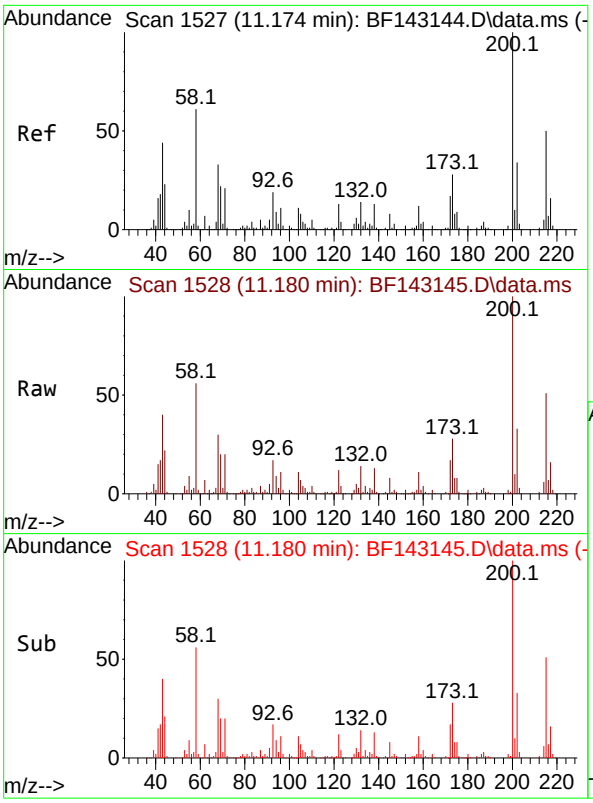


#68
Hexachlorobenzene
Concen: 51.788 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:284 Resp: 288405

Ion	Ratio	Lower	Upper
284	100		
142	34.1	27.0	40.6
249	31.4	25.0	37.6



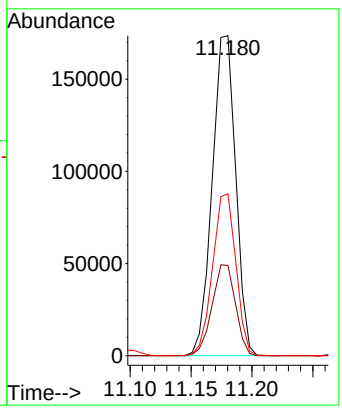


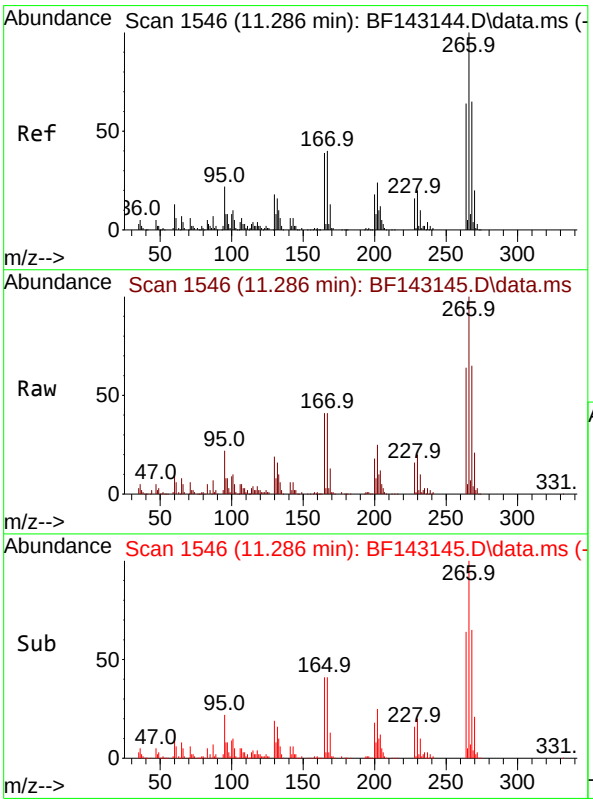
#69
Atrazine
Concen: 53.662 ng
RT: 11.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:200 Resp: 232907

Ion	Ratio	Lower	Upper
200	100		
173	28.2	7.9	47.9
215	50.6	30.1	70.1

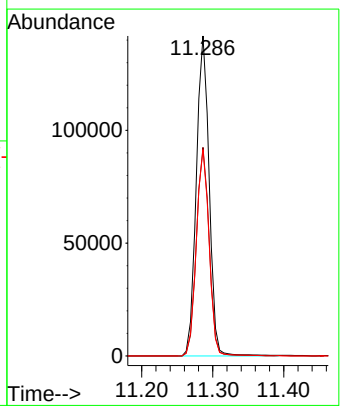


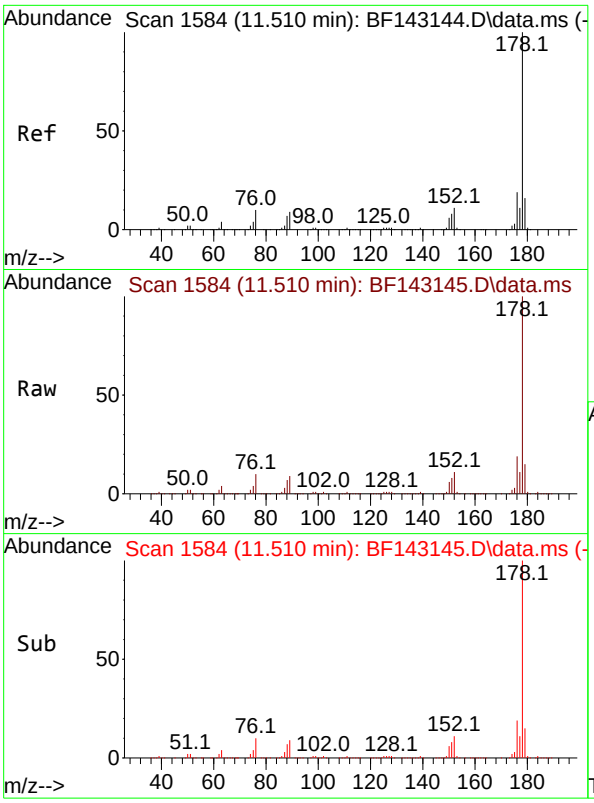


#70
Pentachlorophenol
Concen: 54.581 ng
RT: 11.286 min Scan# 1546
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:266 Resp: 178753

Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.9	77.9
264	64.5	51.0	76.6



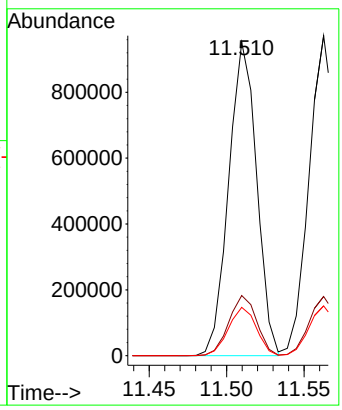


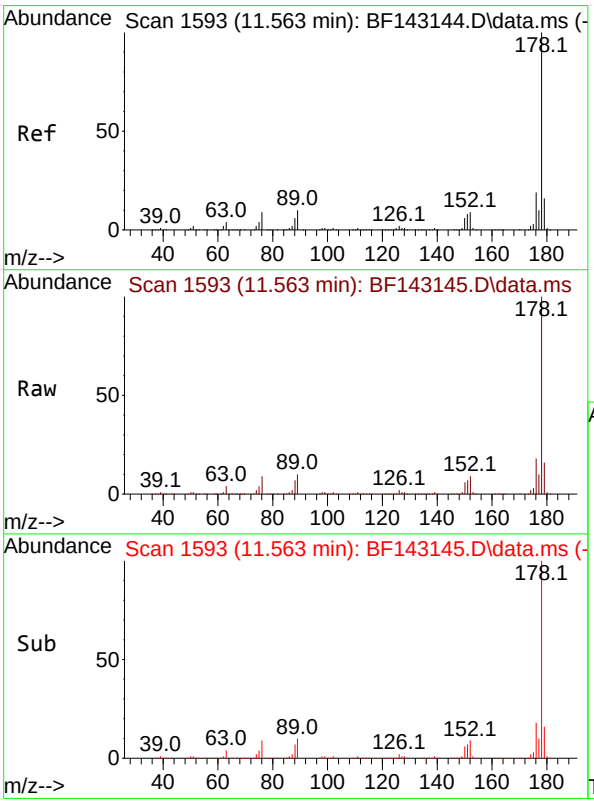
#71
Phenanthrene
Concen: 50.321 ng
RT: 11.510 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 1194582

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.4	12.5	18.7

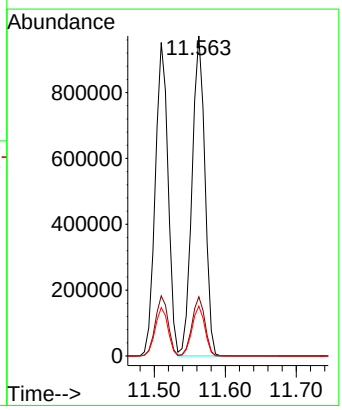


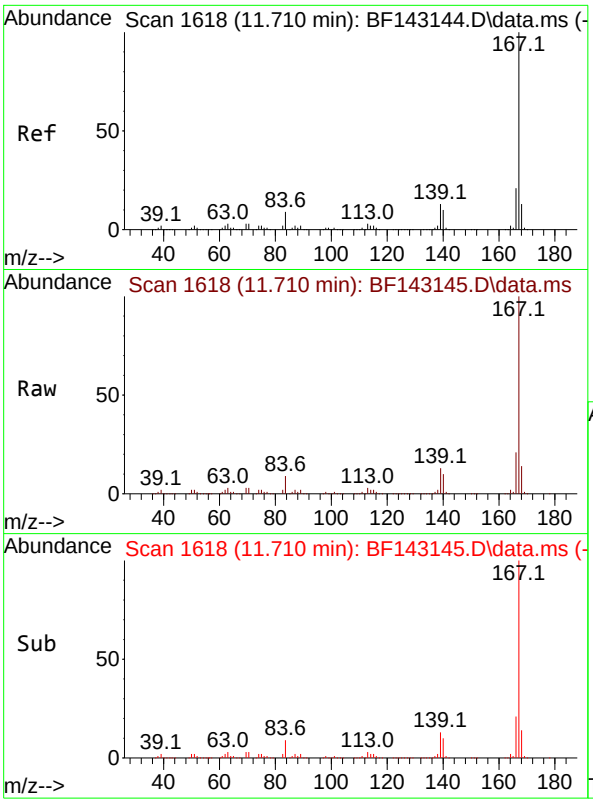


#72
Anthracene
Concen: 50.552 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:178 Resp: 1223920

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.5	12.5	18.7



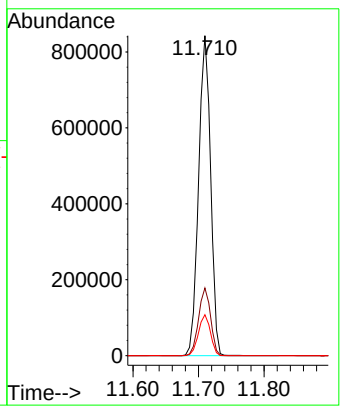


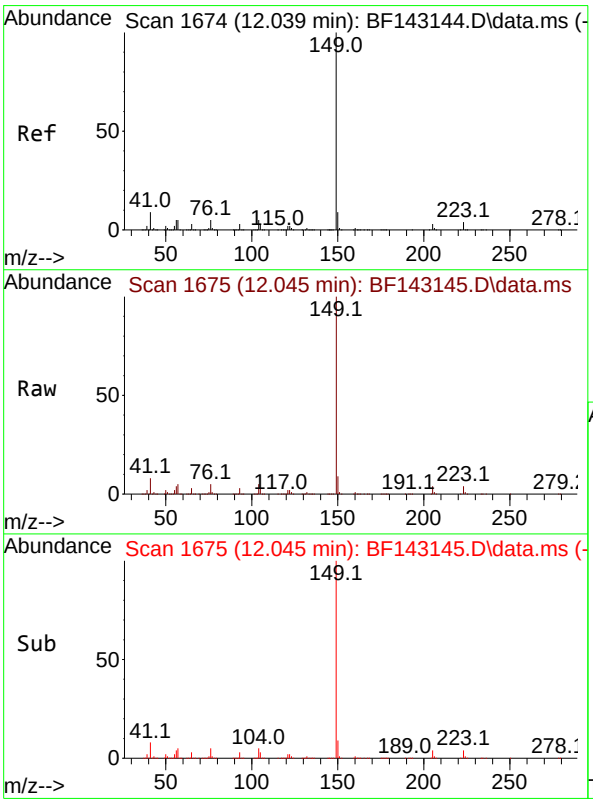
#73
Carbazole
Concen: 50.934 ng
RT: 11.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:167 Resp: 1076803

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.6
139	12.8	10.0	15.0

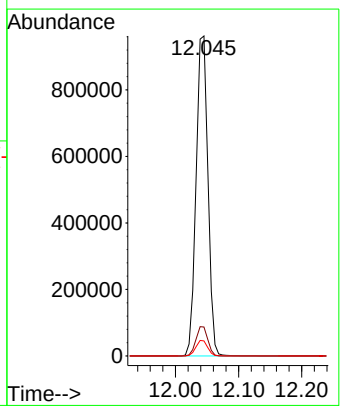


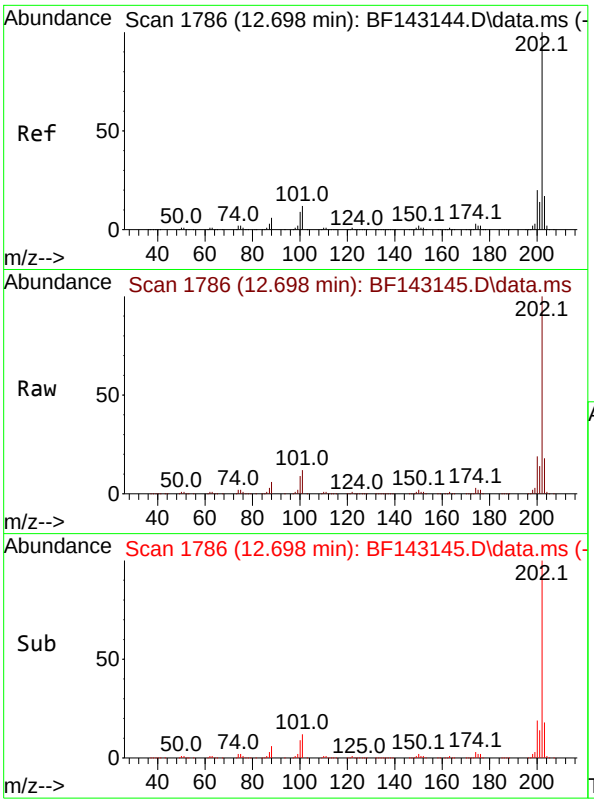


#74
Di-n-butylphthalate
Concen: 52.290 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:149 Resp: 1250841

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	4.7	3.8	5.8



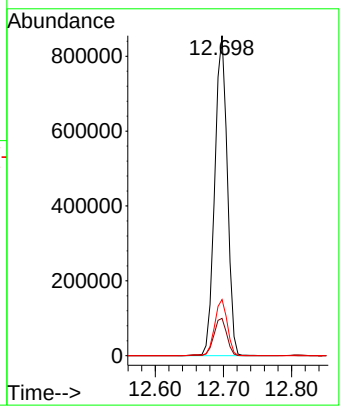


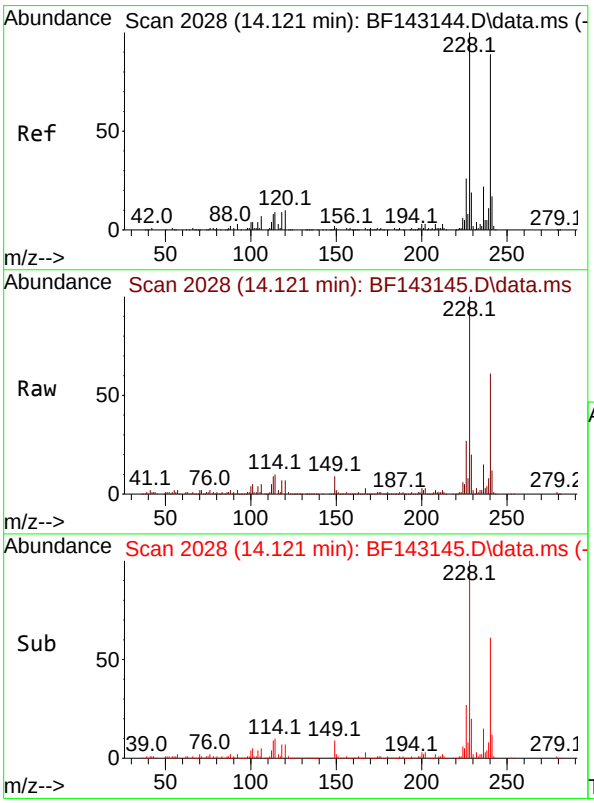
#75
Fluoranthene
Concen: 50.203 ng
RT: 12.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 1093890

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.7
203	17.6	0.0	37.4

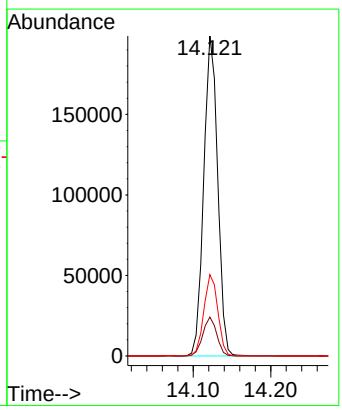


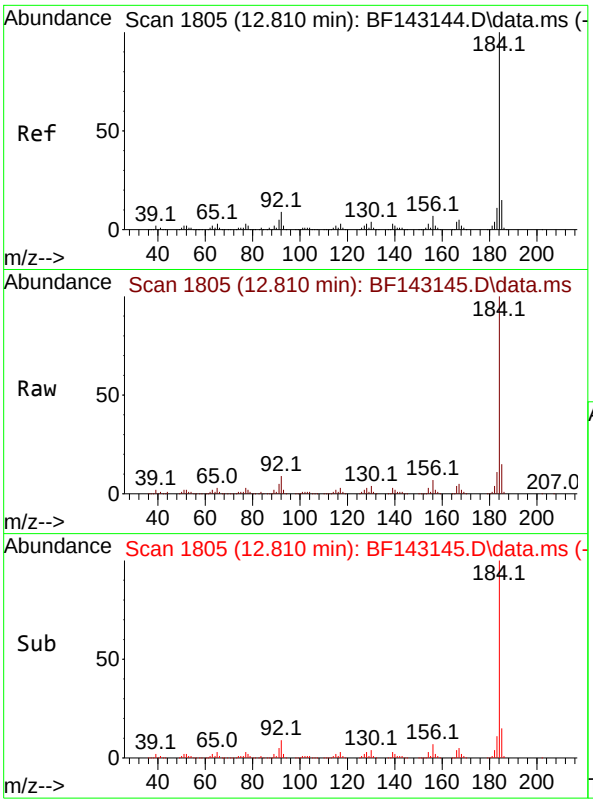


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:240 Resp: 247878

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.4	14.2
236	25.4	20.2	30.4



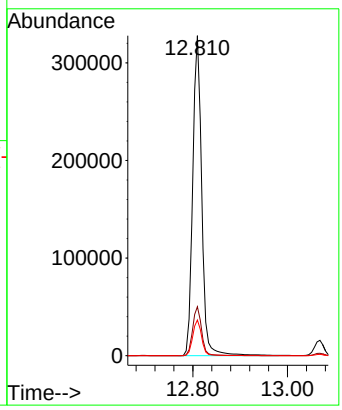


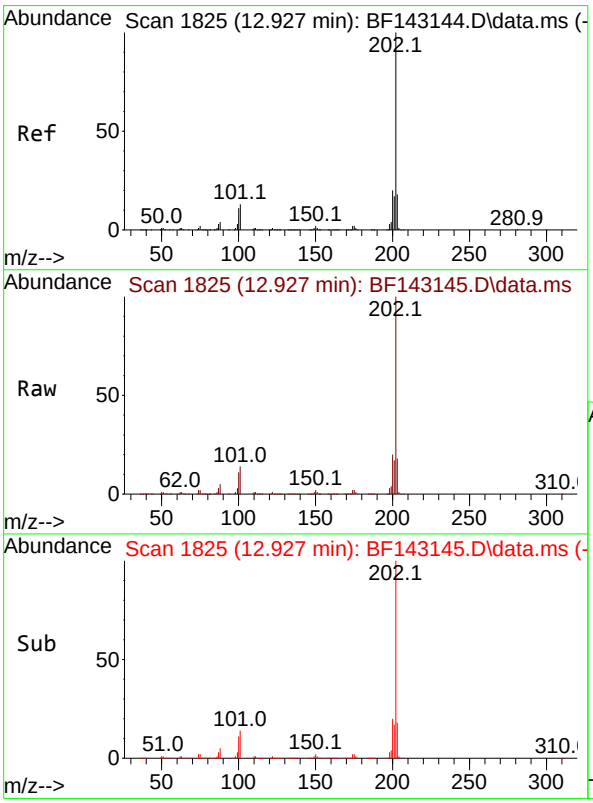
#77
Benzidine
Concen: 45.229 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:184 Resp: 431944

Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.2	18.4
183	11.2	9.0	13.4

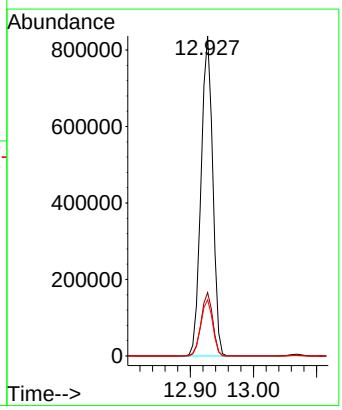


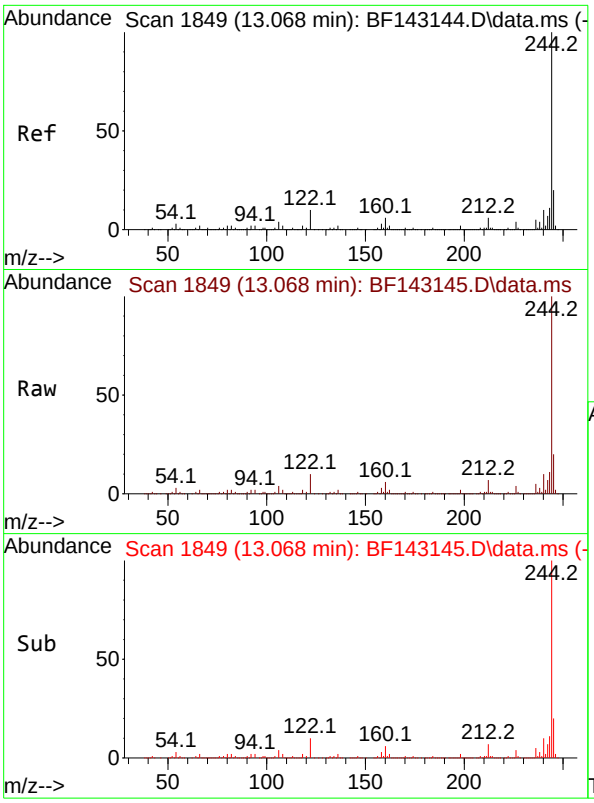


#78
Pyrene
Concen: 50.982 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:202 Resp: 1078520

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.7	23.5
203	17.5	14.2	21.2



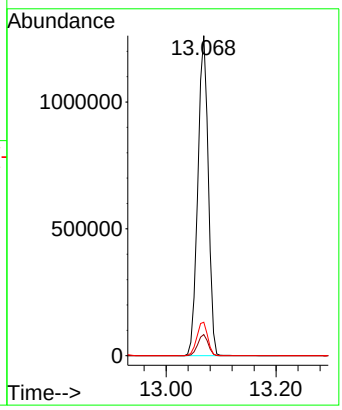


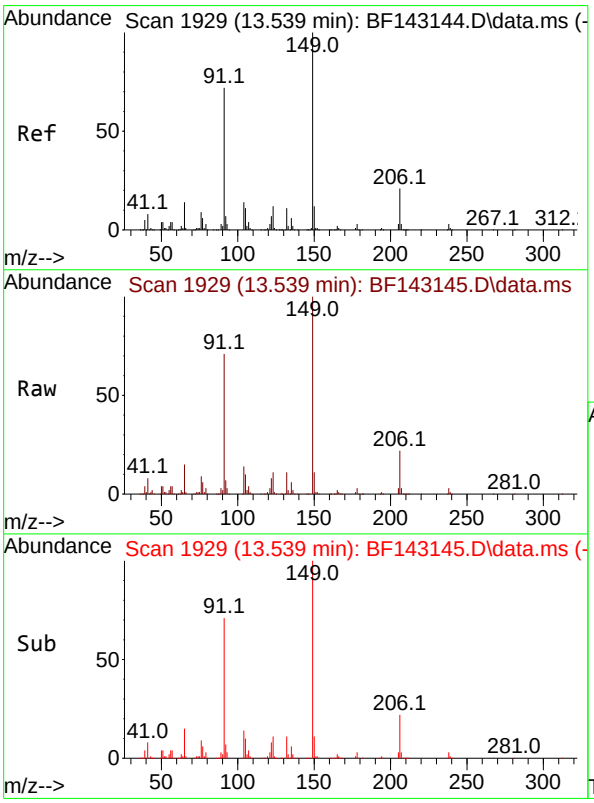
#79
Terphenyl-d14
Concen: 99.838 ng
RT: 13.068 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:244 Resp: 1663033

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	10.4	8.2	12.2

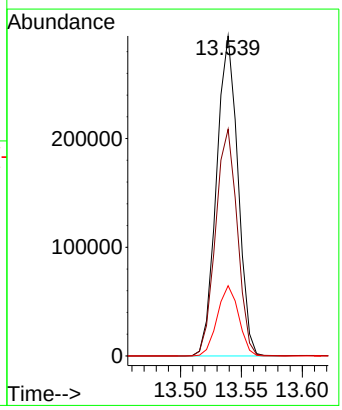


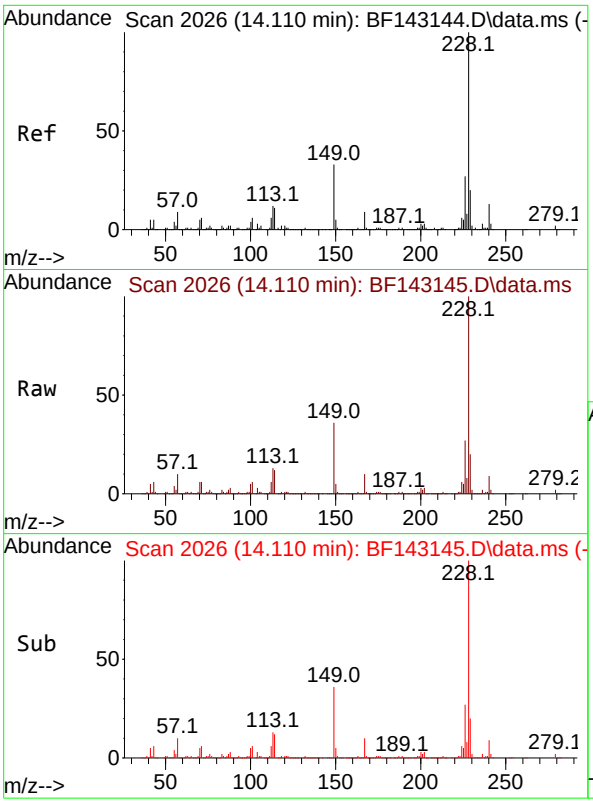


#80
Butylbenzylphthalate
Concen: 55.681 ng
RT: 13.539 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:149 Resp: 360698

Ion	Ratio	Lower	Upper
149	100		
91	70.8	57.9	86.9
206	22.0	17.0	25.4



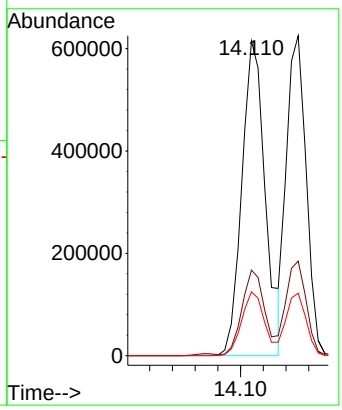


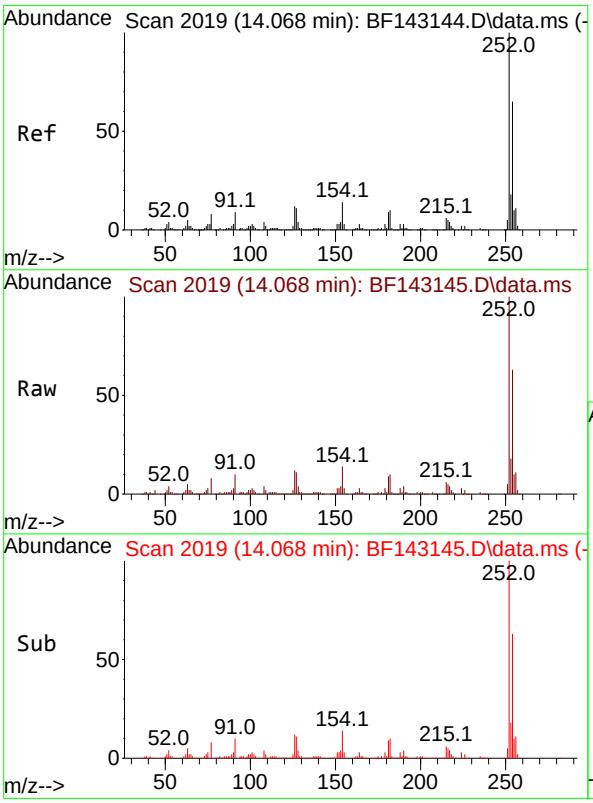
#81
Benzo(a)anthracene
Concen: 53.085 ng
RT: 14.110 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 880975

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.7	32.5
229	20.3	15.8	23.6

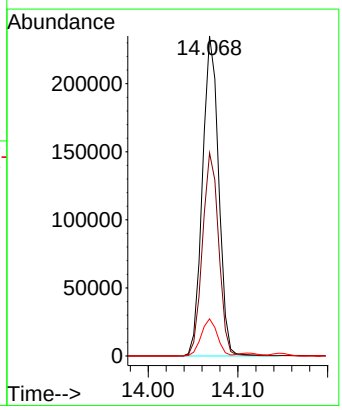


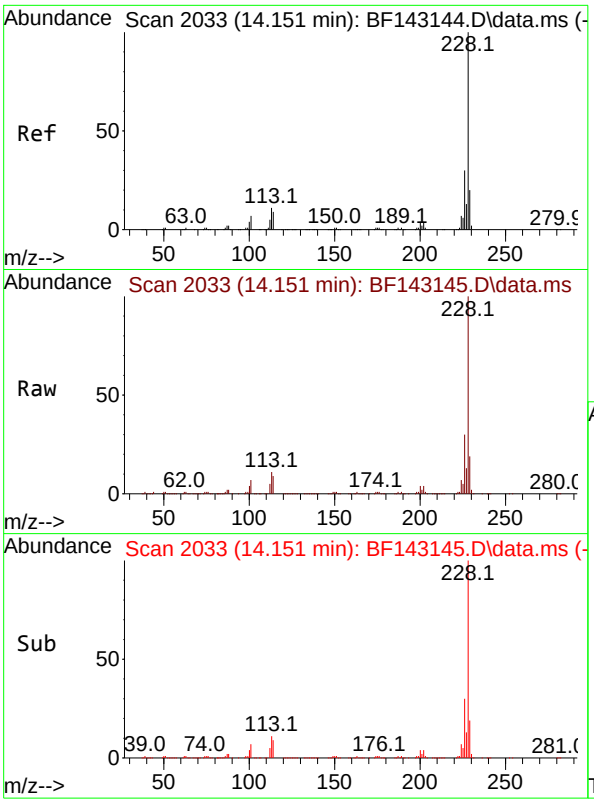


#82
3,3'-Dichlorobenzidine
Concen: 53.305 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:252 Resp: 294836

Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.7	77.5
126	11.6	9.4	14.0



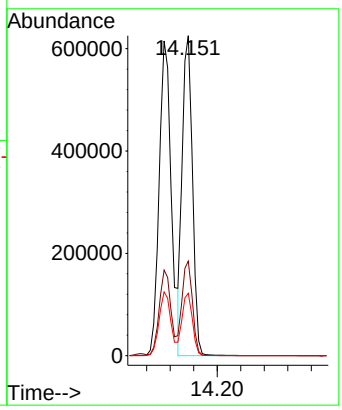


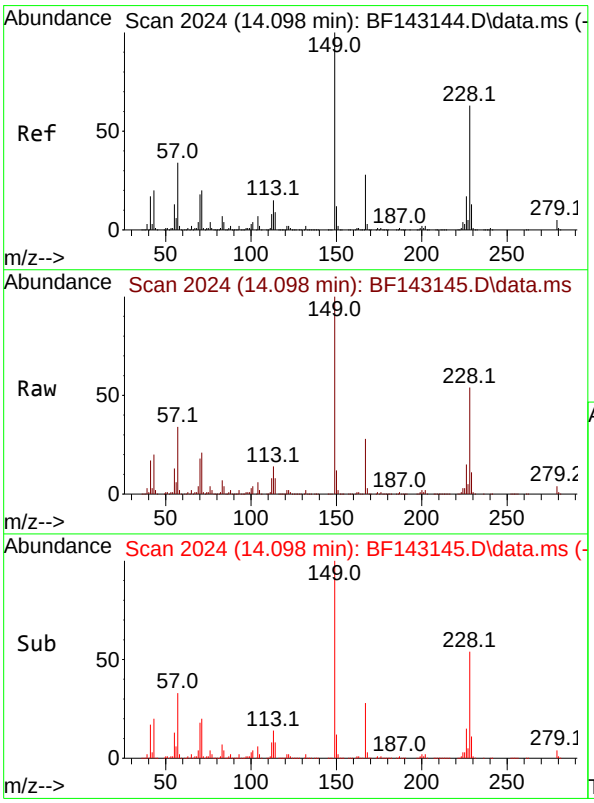
#83
Chrysene
Concen: 50.597 ng
RT: 14.151 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 754953

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.8
229	19.5	15.6	23.4

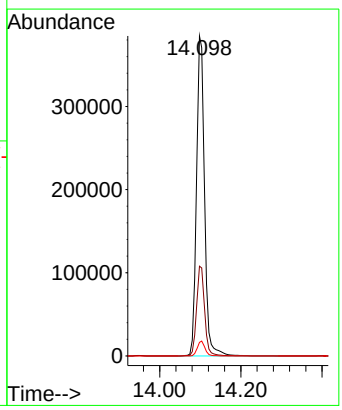


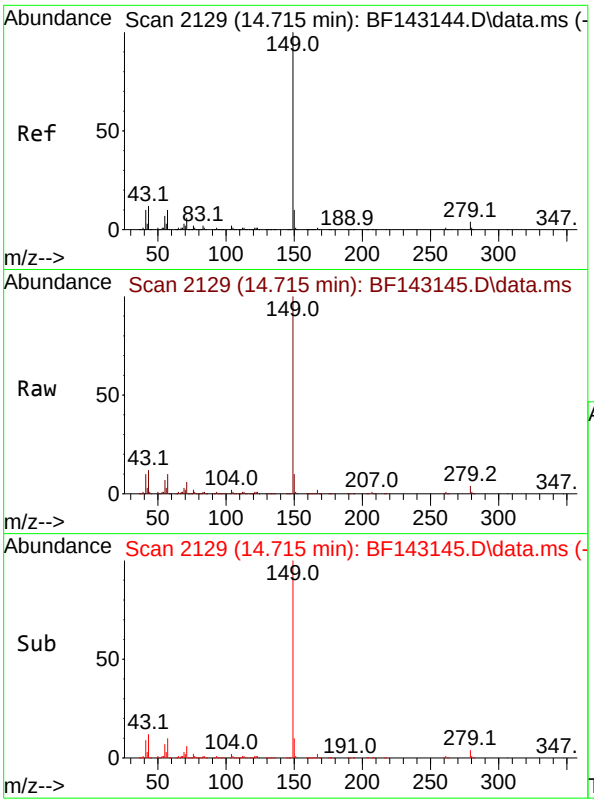


#84
Bis(2-ethylhexyl)phthalate
Concen: 54.475 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:149 Resp: 534128

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.3	33.5
279	4.3	3.6	5.4



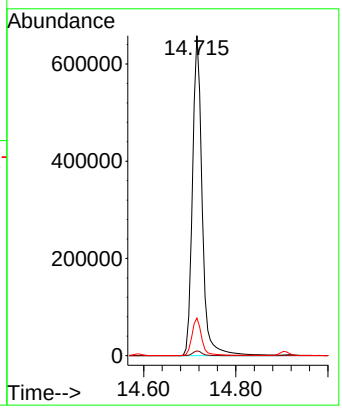


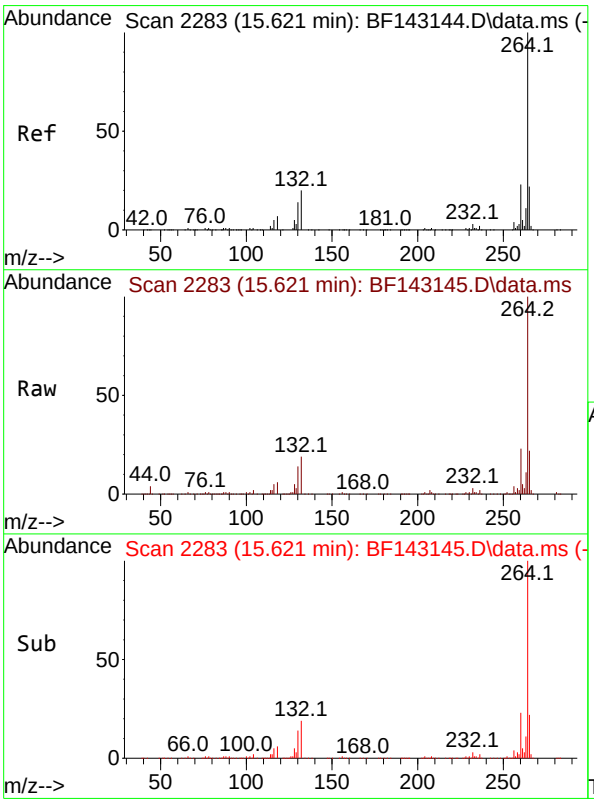
#85
Di-n-octyl phthalate
Concen: 54.032 ng
RT: 14.715 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 960309

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.9	9.7	14.5

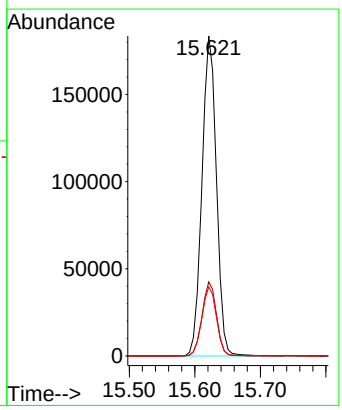


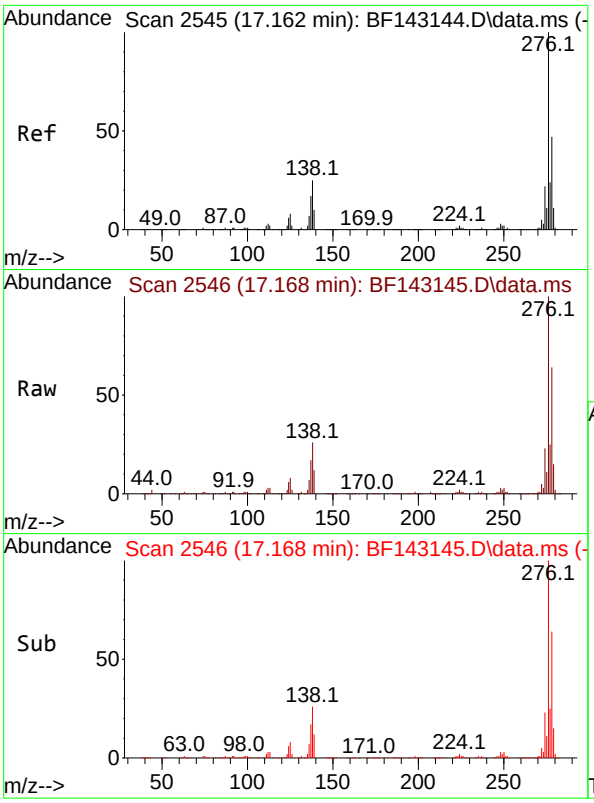


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:264 Resp: 282289

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.6	17.4	26.2



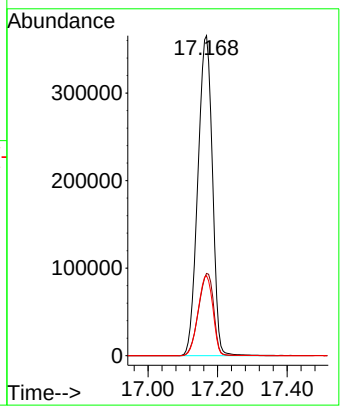


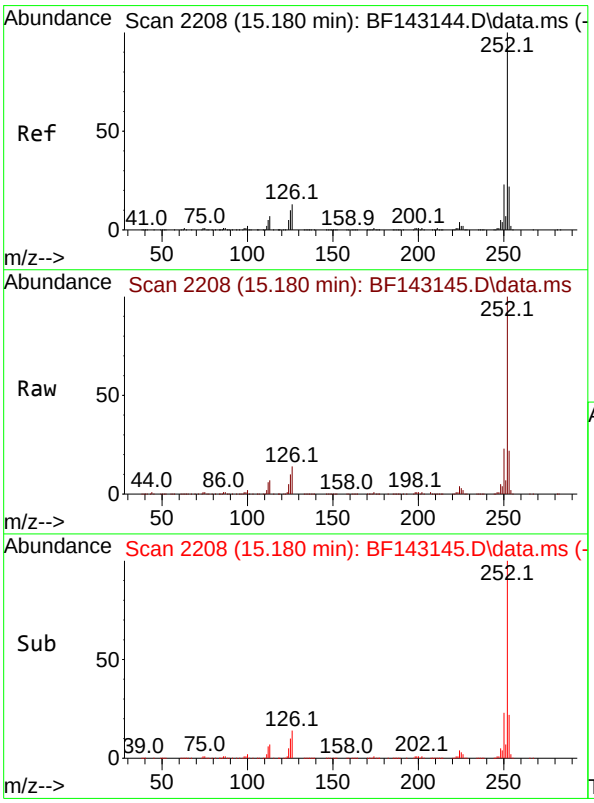
#87
Indeno(1,2,3-cd)pyrene
Concen: 53.347 ng
RT: 17.168 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp: 1061877

Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.8	32.6
277	25.4	20.0	30.0

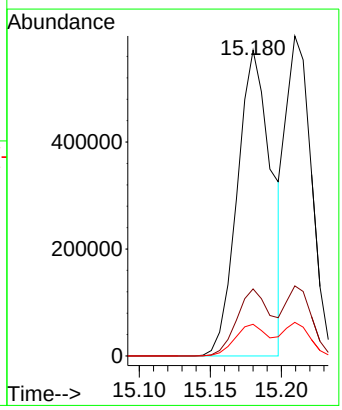


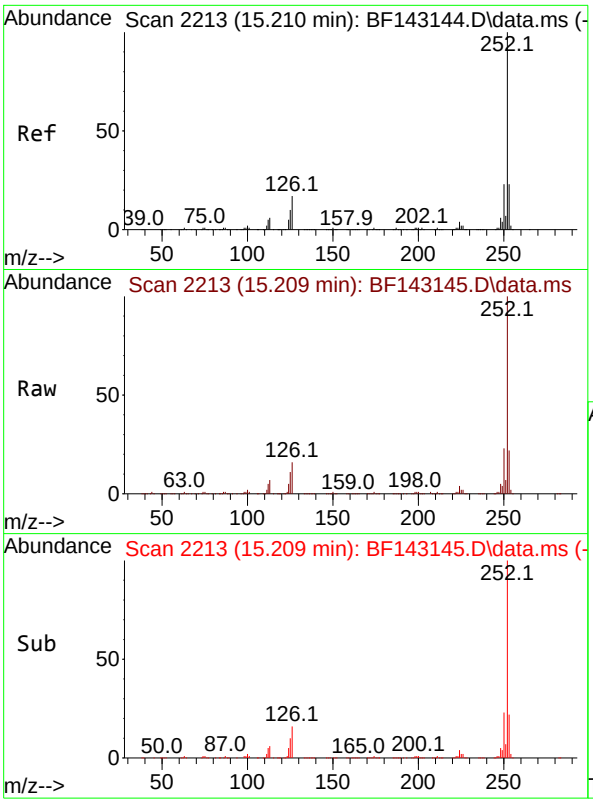


#88
Benzo(b)fluoranthene
Concen: 55.319 ng
RT: 15.180 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:252 Resp: 953990

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.4	8.0	12.0



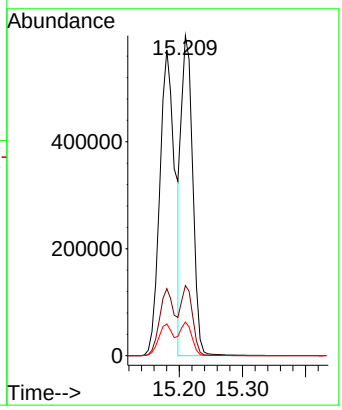


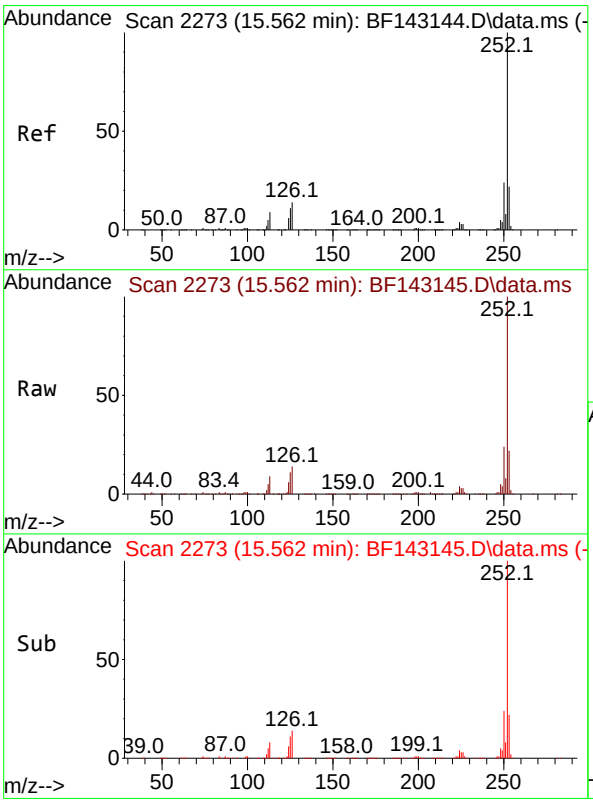
#89
Benzo(k)fluoranthene
Concen: 49.024 ng
RT: 15.209 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp: 754417

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.5	8.1	12.1

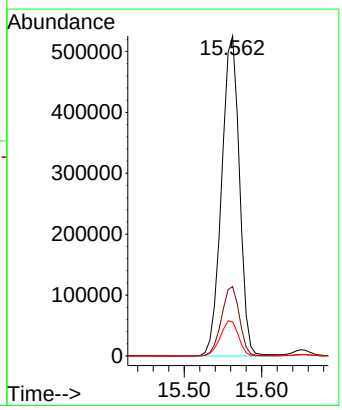


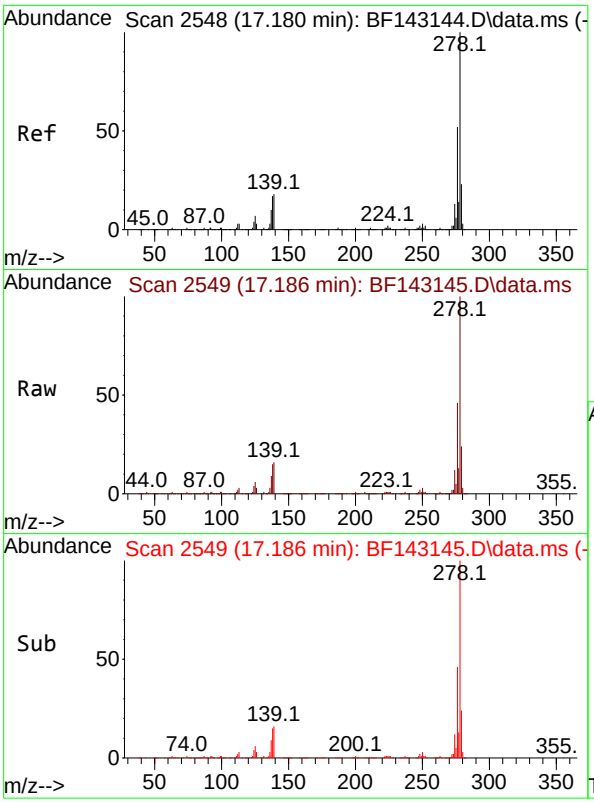


#90
Benzo(a)pyrene
Concen: 52.928 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:252 Resp: 840968

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	10.7	8.6	13.0



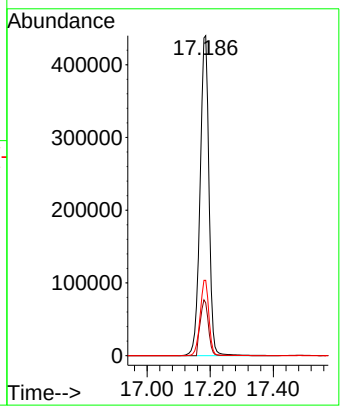


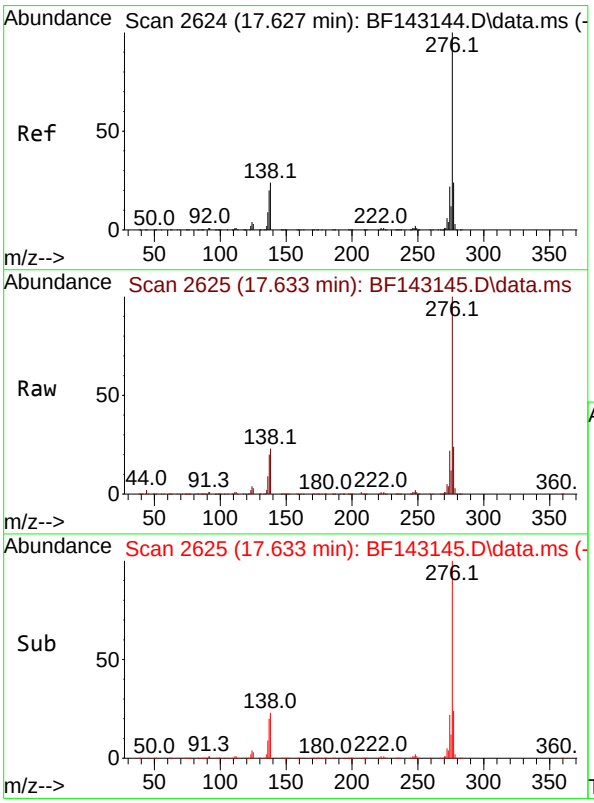
#91
Dibenzo(a,h)anthracene
Concen: 53.172 ng
RT: 17.186 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 861467

Ion	Ratio	Lower	Upper
278	100		
139	16.5	14.1	21.1
279	23.5	18.6	28.0

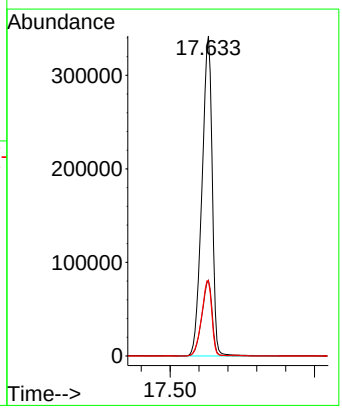




#92
Benzo(g,h,i)perylene
Concen: 53.845 ng
RT: 17.633 min Scan# 2625
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:276 Resp: 843865

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	23.5	18.9	28.3



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143146.D
Acq On : 17 Jul 2025 14:04
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Jul 17 15:05:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	153150	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	573541	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	286544	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	442888	20.000	ng	0.00
76) Chrysene-d12	14.121	240	264384	20.000	ng	0.00
86) Perylene-d12	15.621	264	315904	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1096776	113.327	ng	0.00
7) Phenol-d6	6.587	99	1384010	113.616	ng	0.00
23) Nitrobenzene-d5	7.528	82	1367018	118.809	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	354678	119.817	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	2274500	108.558	ng	0.00
79) Terphenyl-d14	13.069	244	1888544	106.298	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.805	88	268511	58.635	ng	99
3) Pyridine	3.581	79	700860	58.965	ng	99
4) n-Nitrosodimethylamine	3.534	42	369452	60.203	ng	99
6) Aniline	6.628	93	982918	57.896	ng	100
8) 2-Chlorophenol	6.751	128	589870	58.147	ng	98
9) Benzaldehyde	6.516	77	515585	56.445	ng	99
10) Phenol	6.604	94	797860	60.123	ng	96
11) bis(2-Chloroethyl)ether	6.698	93	588491	57.918	ng	99
12) 1,3-Dichlorobenzene	6.910	146	625605	56.769	ng	99
13) 1,4-Dichlorobenzene	6.981	146	623375	56.171	ng	98
14) 1,2-Dichlorobenzene	7.140	146	598571	56.708	ng	99
15) Benzyl Alcohol	7.098	79	548155	58.934	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.240	45	1076628	57.120	ng	98
17) 2-Methylphenol	7.210	107	498077	58.393	ng	99
18) Hexachloroethane	7.481	117	225488	58.691	ng	99
19) n-Nitroso-di-n-propyla...	7.381	70	437750	56.012	ng	100
20) 3+4-Methylphenols	7.363	107	582354	56.273	ng	96
22) Acetophenone	7.375	105	760969	56.041	ng	99
24) Nitrobenzene	7.545	77	641832	59.832	ng	99
25) Isophorone	7.787	82	1202506	59.202	ng	99
26) 2-Nitrophenol	7.857	139	304218	65.345	ng	97
27) 2,4-Dimethylphenol	7.892	122	548823	57.833	ng	99
28) bis(2-Chloroethoxy)met...	7.992	93	696403	57.184	ng	99
29) 2,4-Dichlorophenol	8.098	162	466809	58.329	ng	98
30) 1,2,4-Trichlorobenzene	8.187	180	498478	57.653	ng	99
31) Naphthalene	8.269	128	1575696	55.784	ng	99
32) Benzoic acid	8.010	122	321703	58.961	ng	99
33) 4-Chloroaniline	8.310	127	659467	57.178	ng	99
34) Hexachlorobutadiene	8.392	225	307552	58.230	ng	99
35) Caprolactam	8.692	113	145894	60.327	ng	100
36) 4-Chloro-3-methylphenol	8.787	107	506142	58.186	ng	99
37) 2-Methylnaphthalene	8.957	142	966031	56.203	ng	99
38) 1-Methylnaphthalene	9.057	142	997009	56.329	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	479450	57.955	ng	99
41) Hexachlorocyclopentadiene	9.116	237	337833	62.761	ng	99
43) 2,4,6-Trichlorophenol	9.234	196	344941	60.246	ng	99

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143146.D
Acq On : 17 Jul 2025 14:04
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Jul 17 15:05:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	339656	59.305	ng	99
46) 1,1'-Biphenyl	9.422	154	1265588	56.610	ng	100
47) 2-Chloronaphthalene	9.451	162	948912	57.364	ng	100
48) 2-Nitroaniline	9.534	65	331501	63.904	ng	99
49) Acenaphthylene	9.863	152	1576240	56.860	ng	100
50) Dimethylphthalate	9.722	163	1075052	57.558	ng	100
51) 2,6-Dinitrotoluene	9.775	165	238103	62.665	ng	97
52) Acenaphthene	10.039	154	930883	56.814	ng	98
53) 3-Nitroaniline	9.945	138	273506	61.542	ng	100
54) 2,4-Dinitrophenol	10.045	184	101491	60.690	ng	72
55) Dibenzofuran	10.210	168	1364531	56.093	ng	100
56) 4-Nitrophenol	10.092	139	203477	61.312	ng	99
57) 2,4-Dinitrotoluene	10.181	165	304460	63.868	ng	97
58) Fluorene	10.551	166	997710	54.647	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	283124	59.678	ng	99
60) Diethylphthalate	10.422	149	1057851	57.301	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	516980	56.867	ng	99
62) 4-Nitroaniline	10.563	138	232488	61.037	ng	98
63) Azobenzene	10.698	77	1098772	57.107	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	144751	60.728	ng	98
66) n-Nitrosodiphenylamine	10.657	169	910468	58.380	ng	98
67) 4-Bromophenyl-phenylether	11.028	248	318085	60.266	ng	99
68) Hexachlorobenzene	11.104	284	325779	59.054	ng	96
69) Atrazine	11.181	200	262374	61.024	ng	100
70) Pentachlorophenol	11.286	266	206417	63.625	ng	98
71) Phenanthrene	11.510	178	1331485	56.620	ng	100
72) Anthracene	11.563	178	1379601	57.522	ng	100
73) Carbazole	11.710	167	1194026	57.015	ng	100
74) Di-n-butylphthalate	12.045	149	1392335	58.757	ng	100
75) Fluoranthene	12.698	202	1232952	57.122	ng	99
77) Benzidine	12.810	184	476553	46.785	ng	100
78) Pyrene	12.927	202	1207978	53.536	ng	99
80) Butylbenzylphthalate	13.539	149	441334	63.875	ng	99
81) Benzo(a)anthracene	14.110	228	1041236	58.825	ng	99
82) 3,3'-Dichlorobenzidine	14.069	252	348979	59.155	ng	100
83) Chrysene	14.151	228	930545	58.472	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	655482	62.678	ng	100
85) Di-n-octyl phthalate	14.716	149	1196044	63.095	ng	100
87) Indeno(1,2,3-cd)pyrene	17.168	276	1337361	60.037	ng	99
88) Benzo(b)fluoranthene	15.180	252	1125667	58.328	ng	100
89) Benzo(k)fluoranthene	15.216	252	1023132	59.411	ng	99
90) Benzo(a)pyrene	15.563	252	1062049	59.730	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	1080768	59.610	ng	98
92) Benzo(g,h,i)perylene	17.639	276	1055168	60.163	ng	99

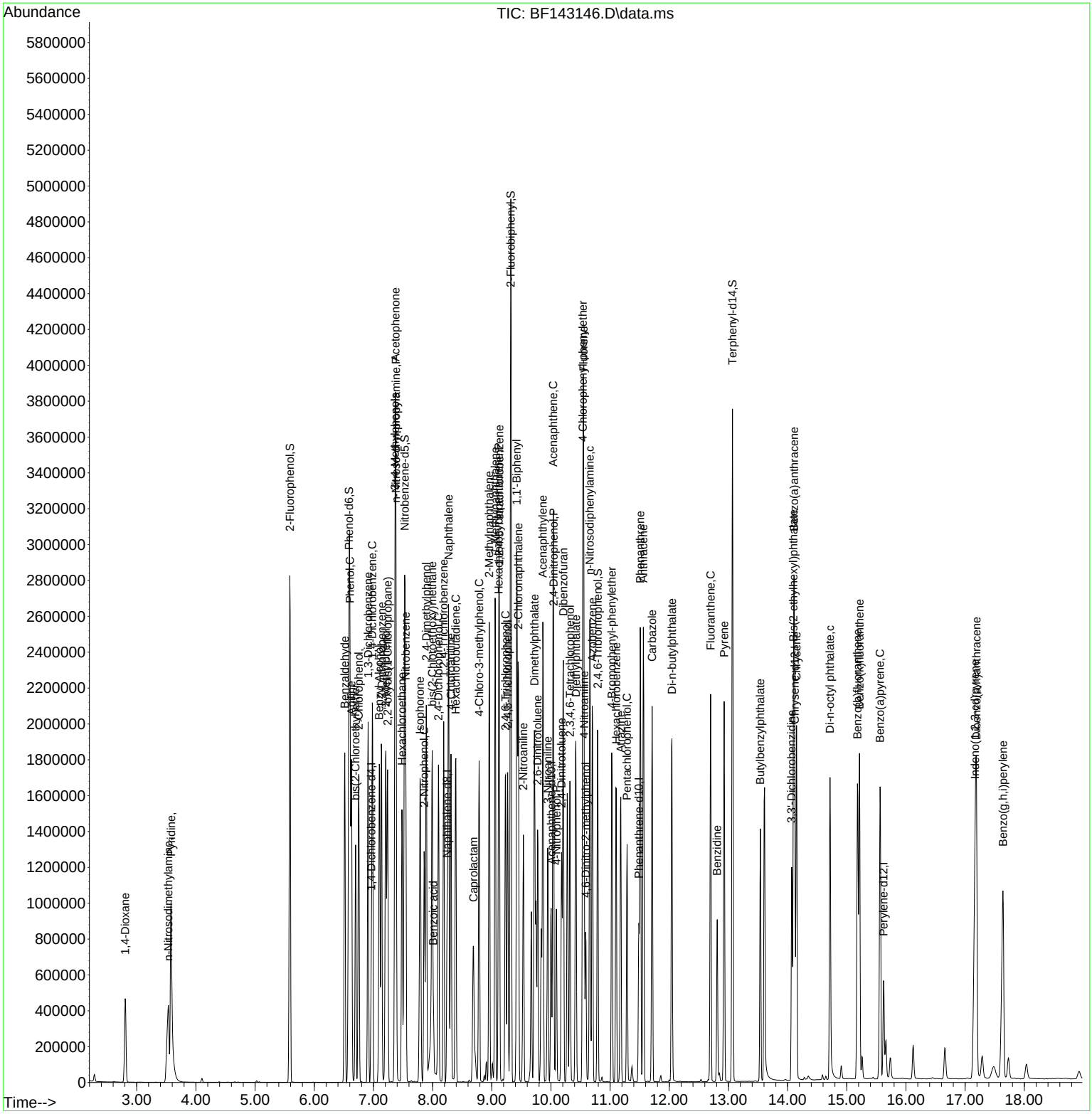
(#) = qualifier out of range (m) = manual integration (+) = signals summed

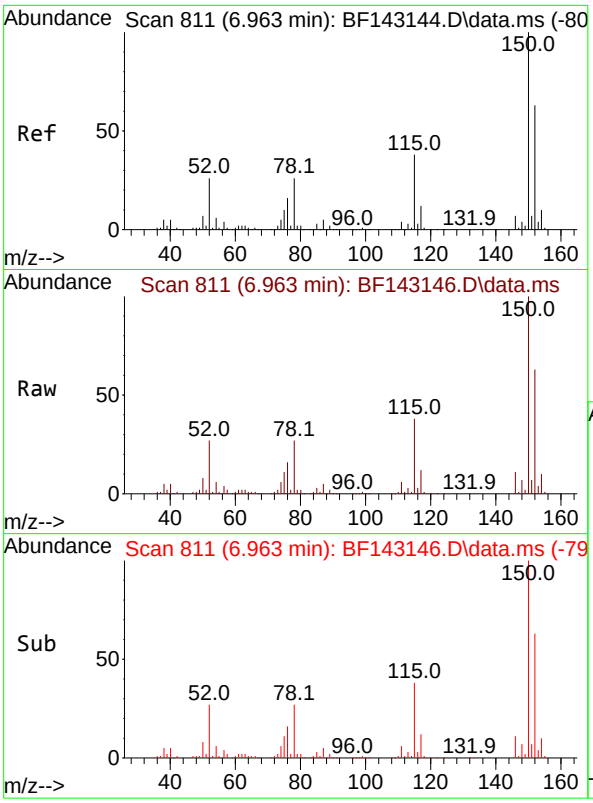
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143146.D
Acq On : 17 Jul 2025 14:04
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Jul 17 15:05:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration



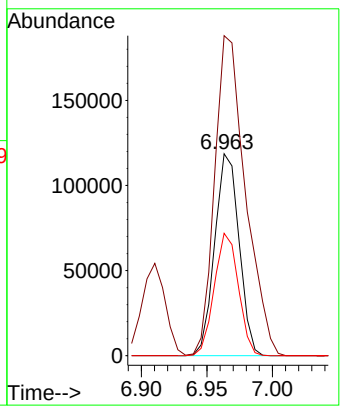


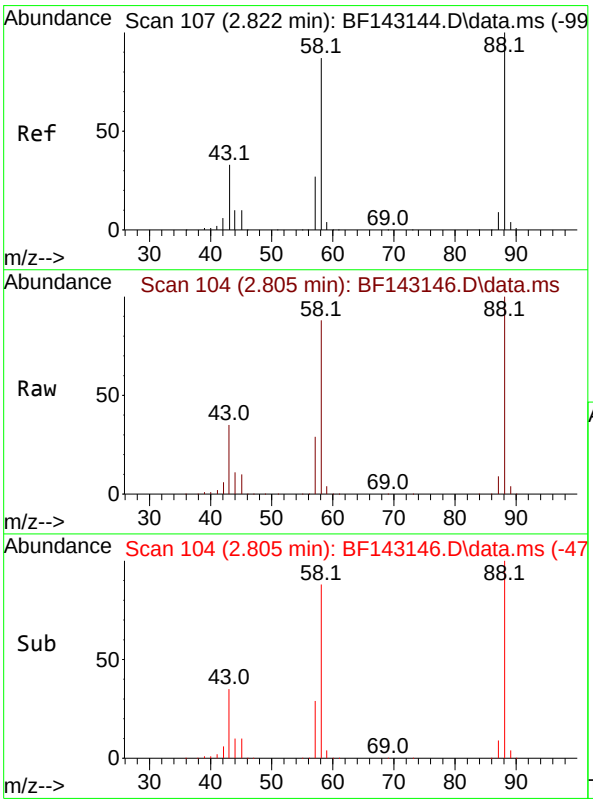
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 153150

Ion	Ratio	Lower	Upper
152	100		
150	158.5	128.2	192.4
115	60.7	47.9	71.9

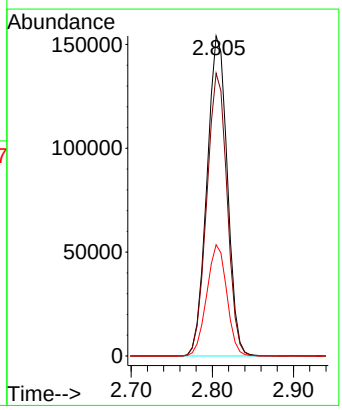


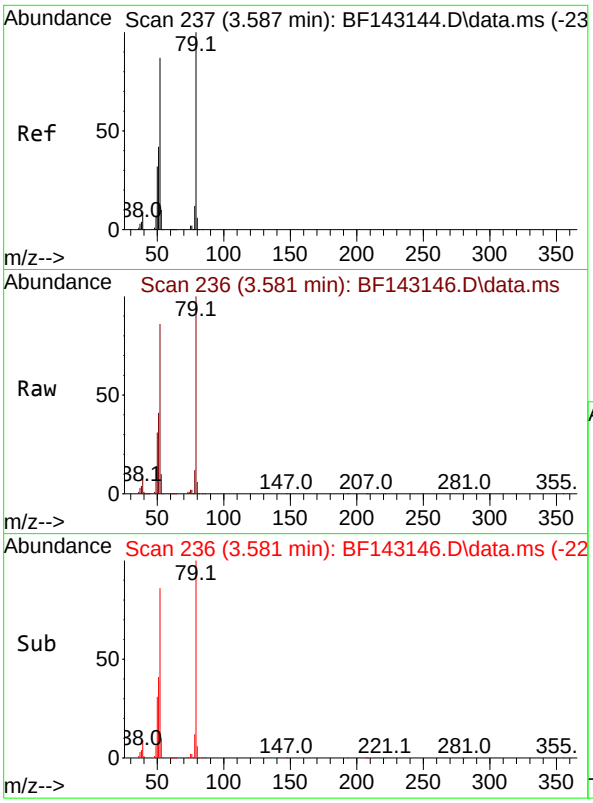


#2
1,4-Dioxane
Concen: 58.635 ng
RT: 2.805 min Scan# 104
Delta R.T. -0.018 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 88 Resp: 268511

Ion	Ratio	Lower	Upper
88	100		
58	88.2	70.2	105.2
43	34.2	27.1	40.7



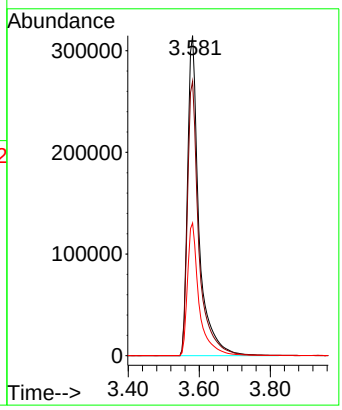


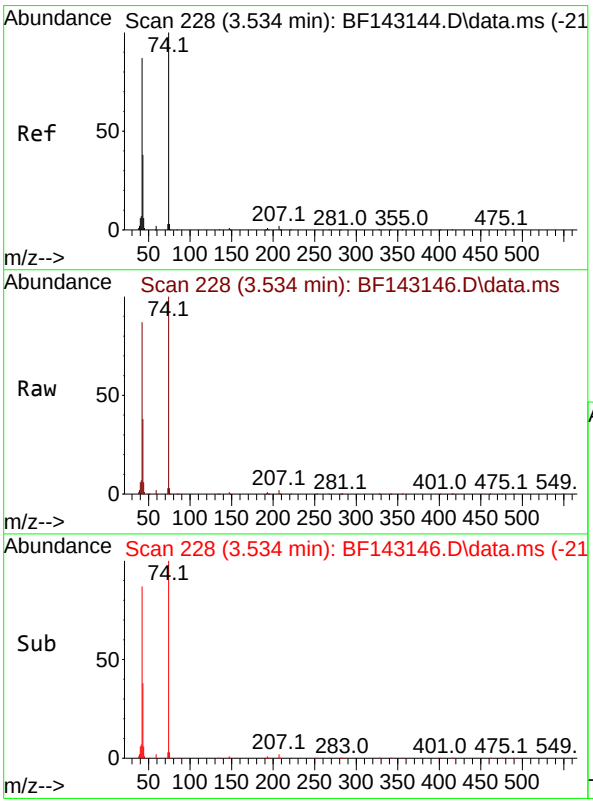
#3
Pyridine
Concen: 58.965 ng
RT: 3.581 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 700860

Ion	Ratio	Lower	Upper
79	100		
52	85.7	69.4	104.2
51	41.4	33.5	50.3

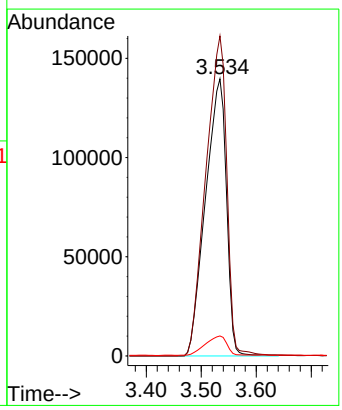


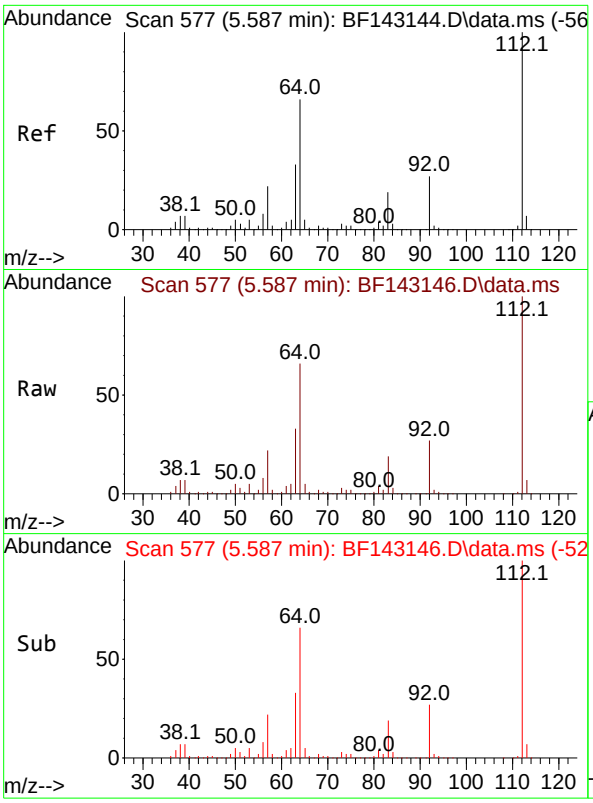


#4
n-Nitrosodimethylamine
Concen: 60.203 ng
RT: 3.534 min Scan# 228
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 42 Resp: 369452

Ion	Ratio	Lower	Upper
42	100		
74	115.5	91.7	137.5
44	7.2	5.6	8.4



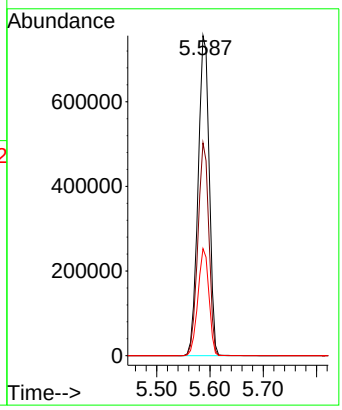


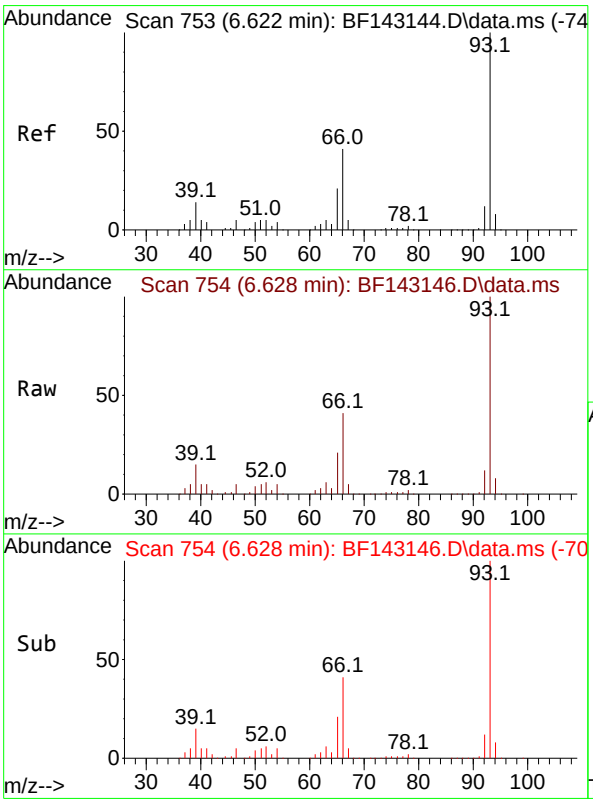
#5
2-Fluorophenol
Concen: 113.327 ng
RT: 5.587 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 1096776

Ion	Ratio	Lower	Upper
112	100		
64	66.5	53.1	79.7
63	33.4	26.6	40.0

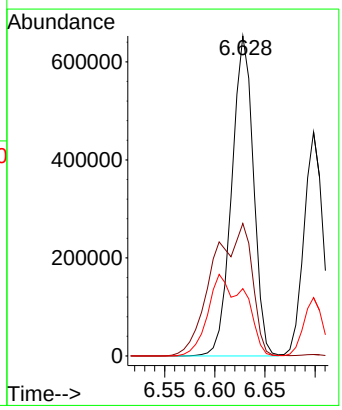


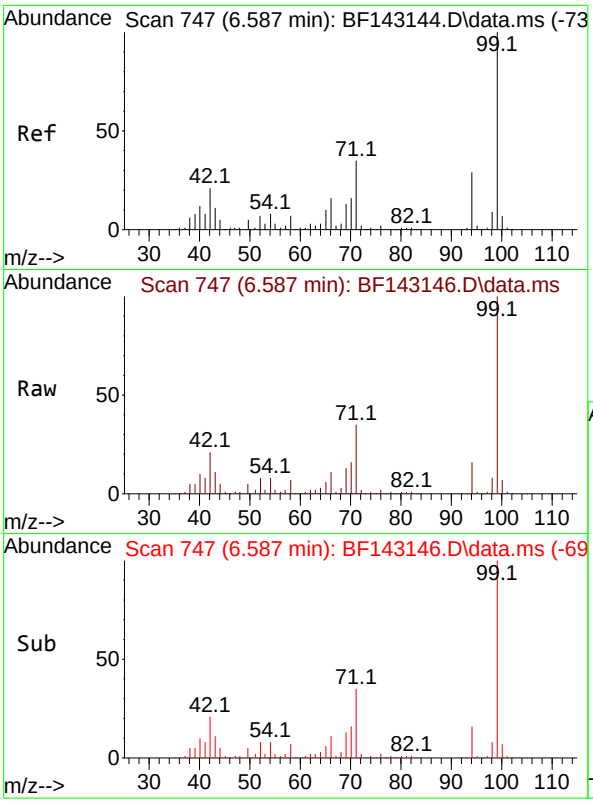


#6
Aniline
Concen: 57.896 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 93 Resp: 982918

Ion	Ratio	Lower	Upper
93	100		
66	41.4	33.2	49.8
65	21.0	16.9	25.3



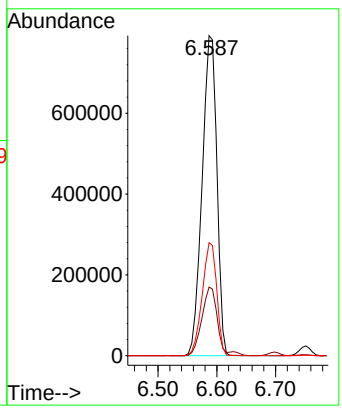


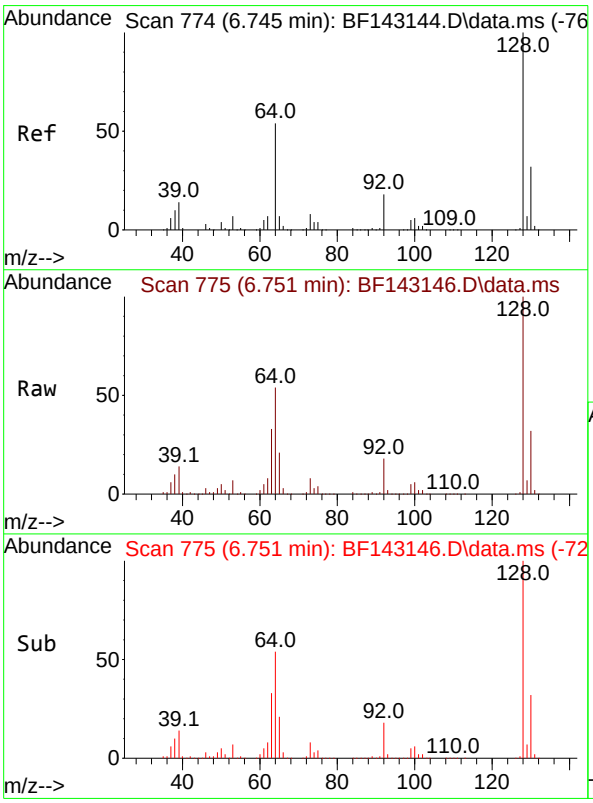
#7
Phenol-d6
Concen: 113.616 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 1384010

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.0	25.6
71	35.3	27.7	41.5

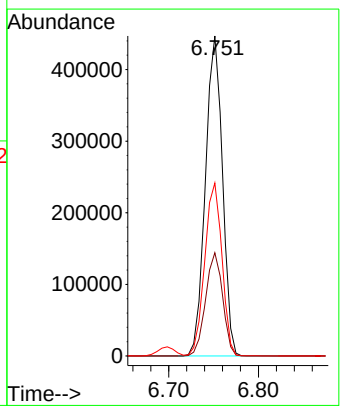


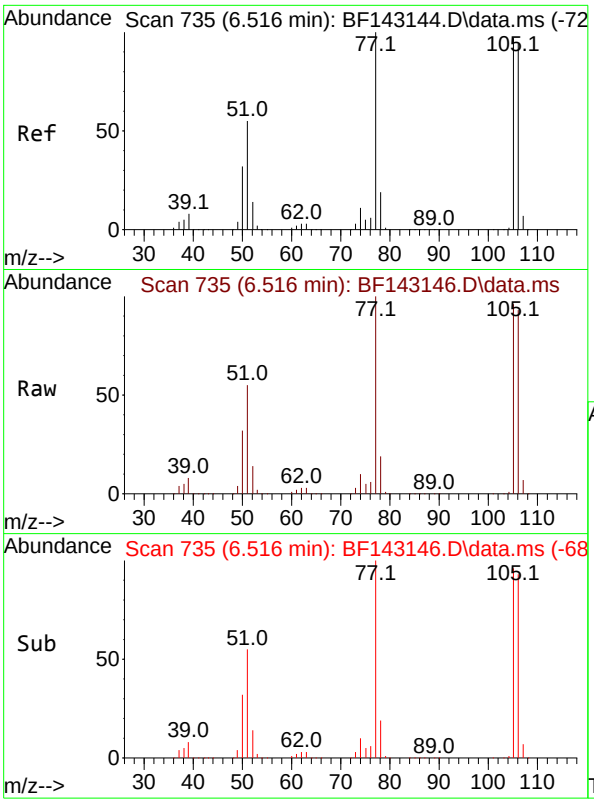


#8
2-Chlorophenol
Concen: 58.147 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:128 Resp: 589870

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.3	52.3
64	54.0	35.9	75.9



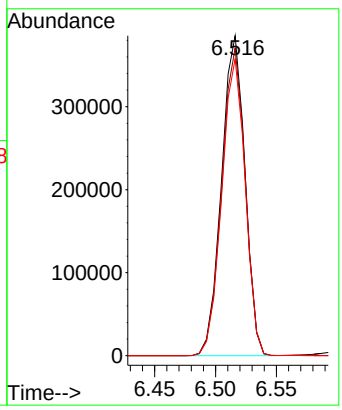


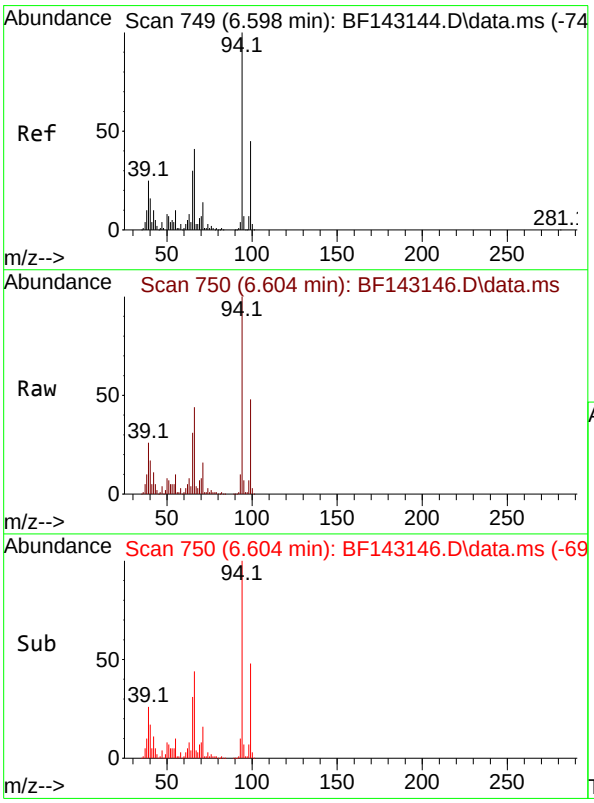
#9
Benzaldehyde
Concen: 56.445 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 515585

Ion	Ratio	Lower	Upper
77	100		
105	96.1	76.8	116.8
106	92.7	74.4	114.4

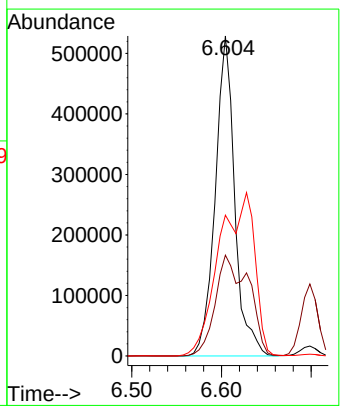


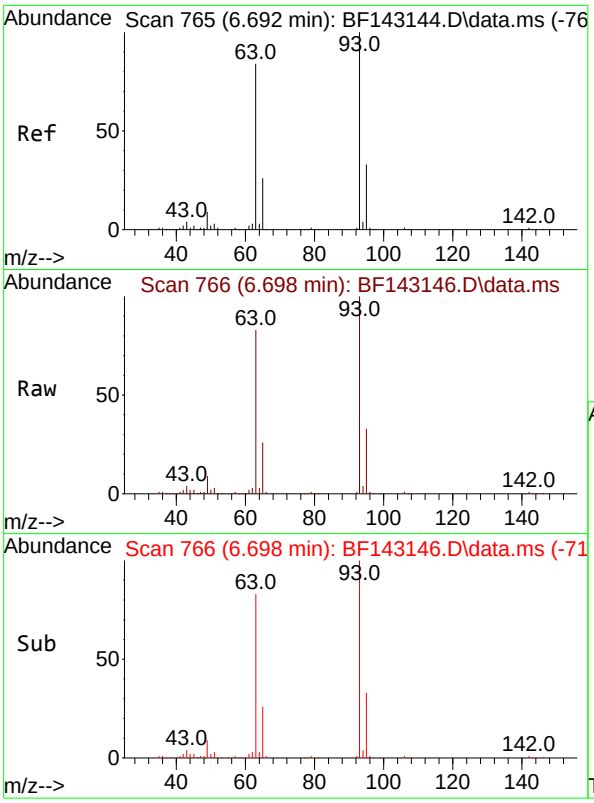


#10
Phenol
Concen: 60.123 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 94 Resp: 797860

Ion	Ratio	Lower	Upper
94	100		
65	31.5	10.0	50.0
66	44.0	20.8	60.8



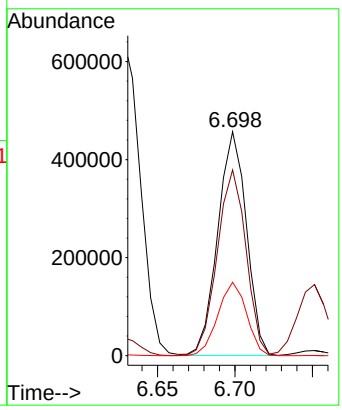


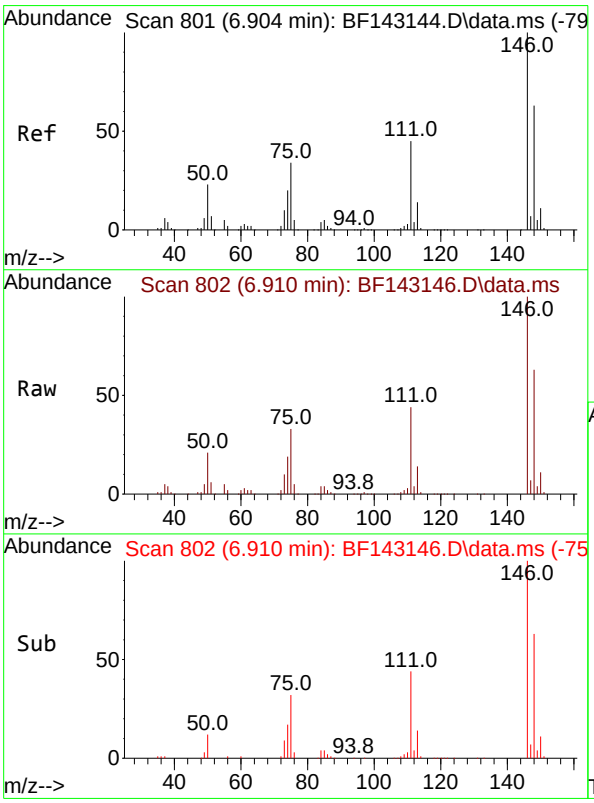
#11
bis(2-Chloroethyl)ether
Concen: 57.918 ng
RT: 6.698 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 588491

Ion	Ratio	Lower	Upper
93	100		
63	82.9	63.4	103.4
95	32.8	12.4	52.4

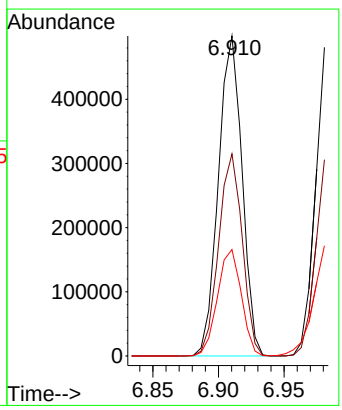


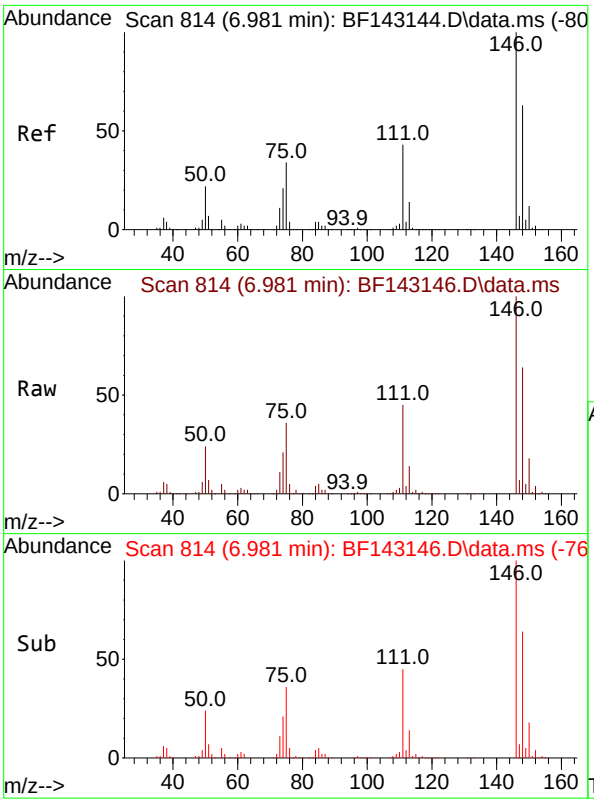


#12
1,3-Dichlorobenzene
Concen: 56.769 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:146 Resp: 625605

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	76.0
75	33.2	27.4	41.2



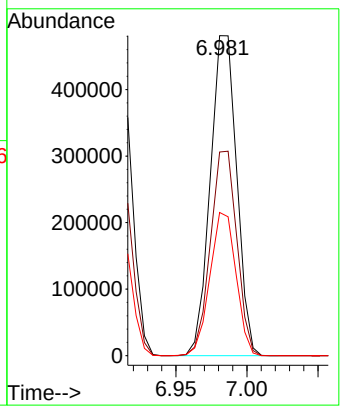


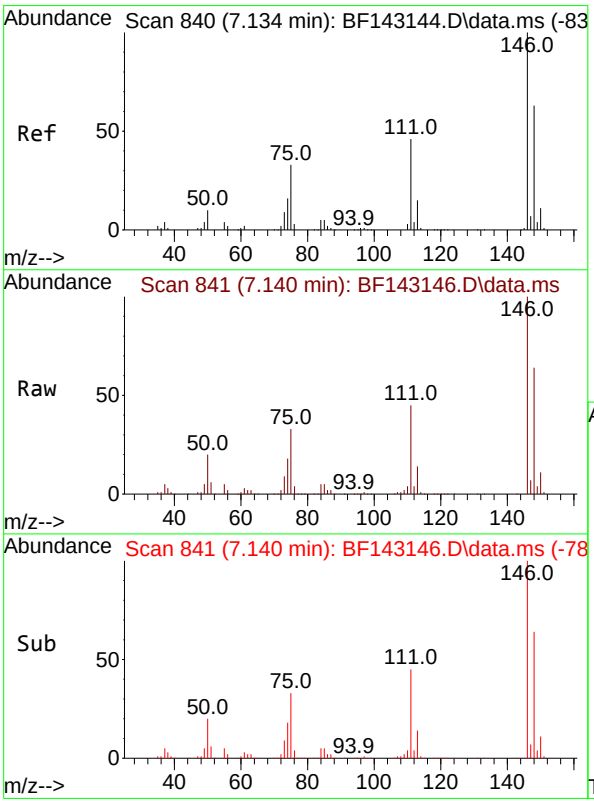
#13
1,4-Dichlorobenzene
Concen: 56.171 ng
RT: 6.981 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 623375

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.3	75.5
111	44.7	34.4	51.6

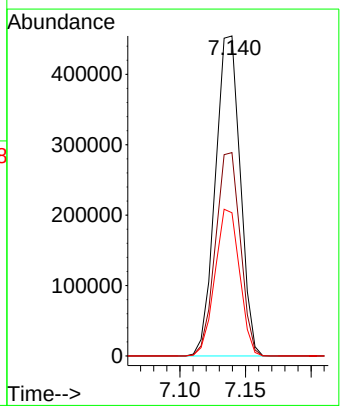


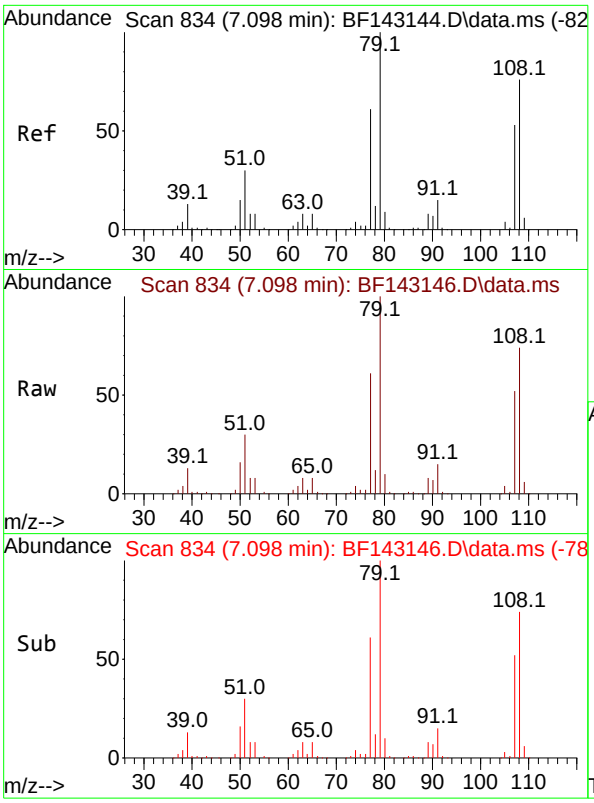


#14
1,2-Dichlorobenzene
Concen: 56.708 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:146 Resp: 598571

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.7	76.1
111	44.8	36.6	54.8



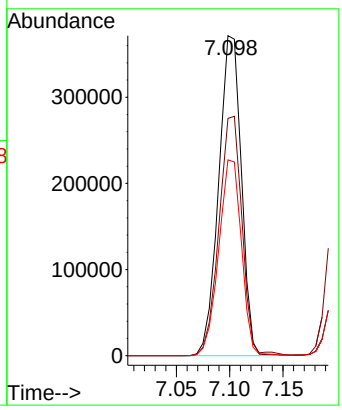


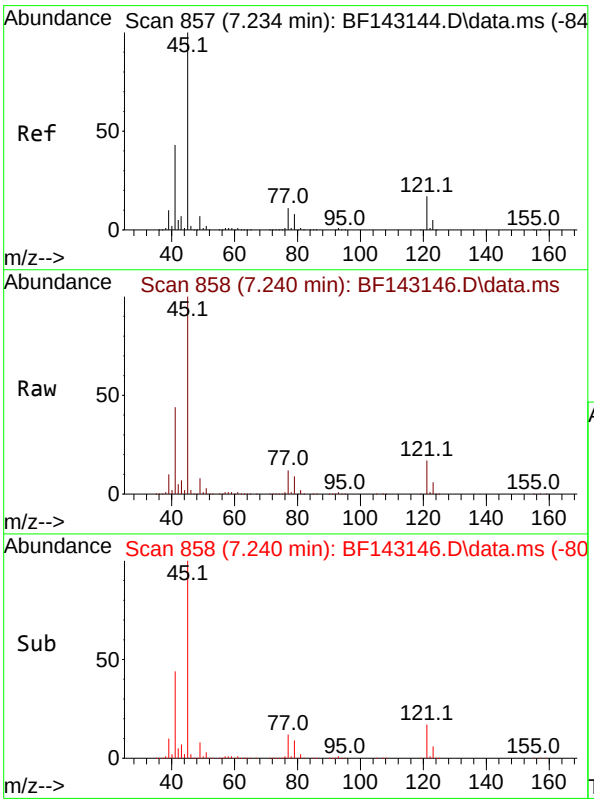
#15
Benzyl Alcohol
Concen: 58.934 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 548155

Ion	Ratio	Lower	Upper
79	100		
108	74.2	61.1	91.7
77	61.2	48.9	73.3

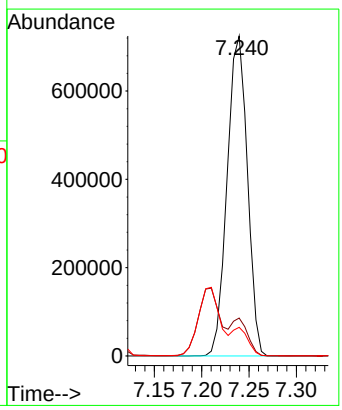


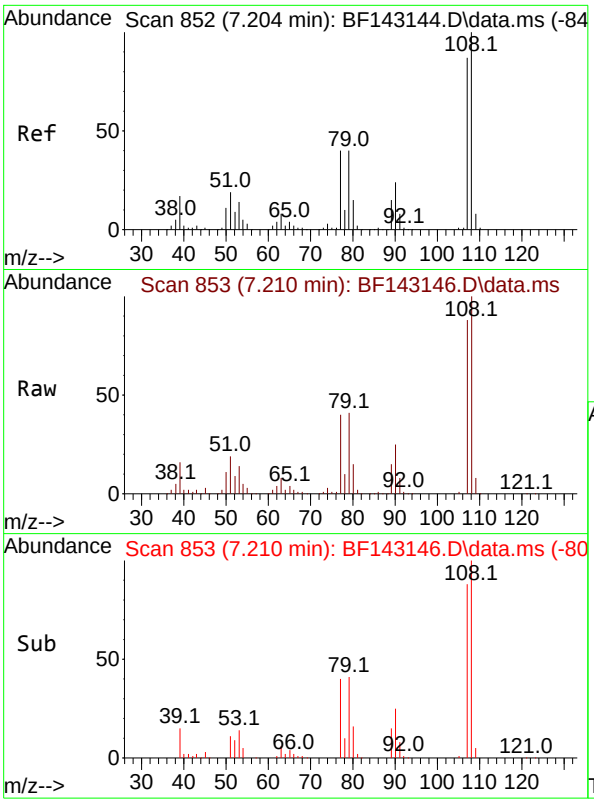


#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.120 ng
RT: 7.240 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 45 Resp: 1076628

Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	31.2
79	9.0	0.0	28.5



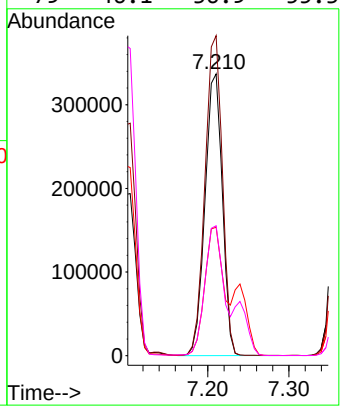


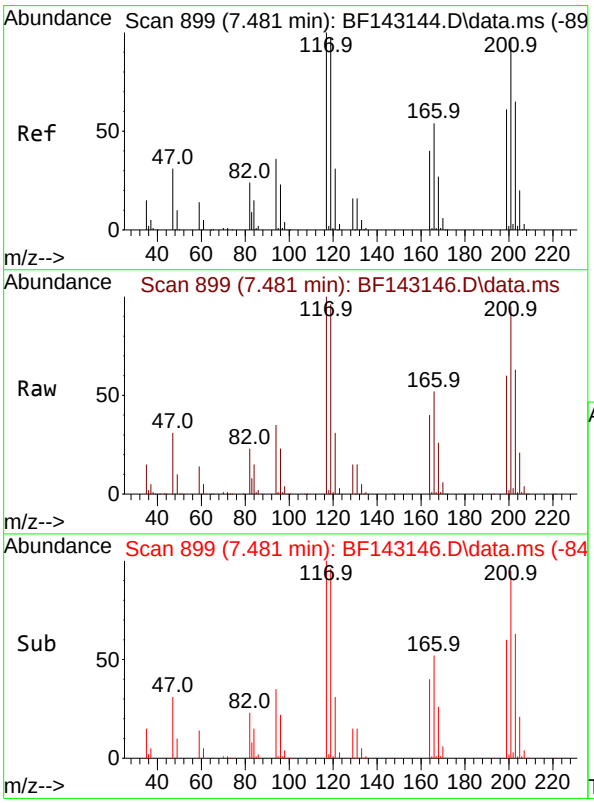
#17
2-Methylphenol
Concen: 58.393 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 498077

Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.8	137.6
77	45.6	37.0	55.6
79	46.1	36.9	55.3

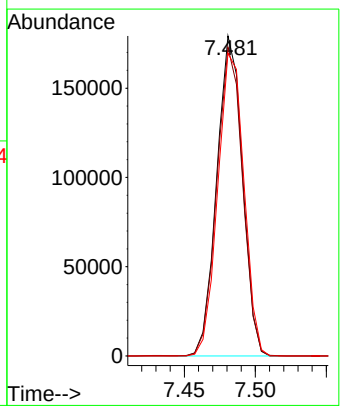


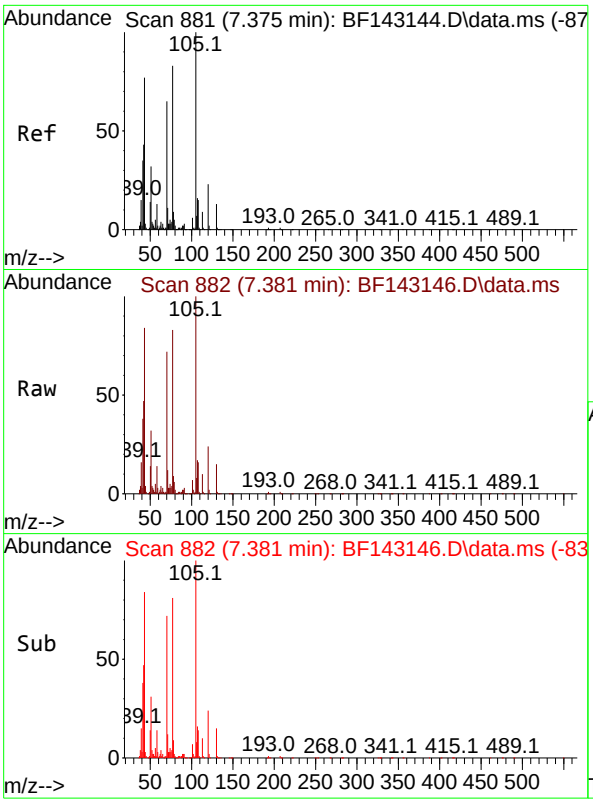


#18
Hexachloroethane
Concen: 58.691 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:117 Resp: 225488

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.8	116.8
201	94.6	77.0	115.4



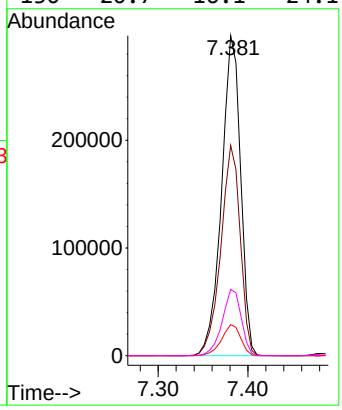


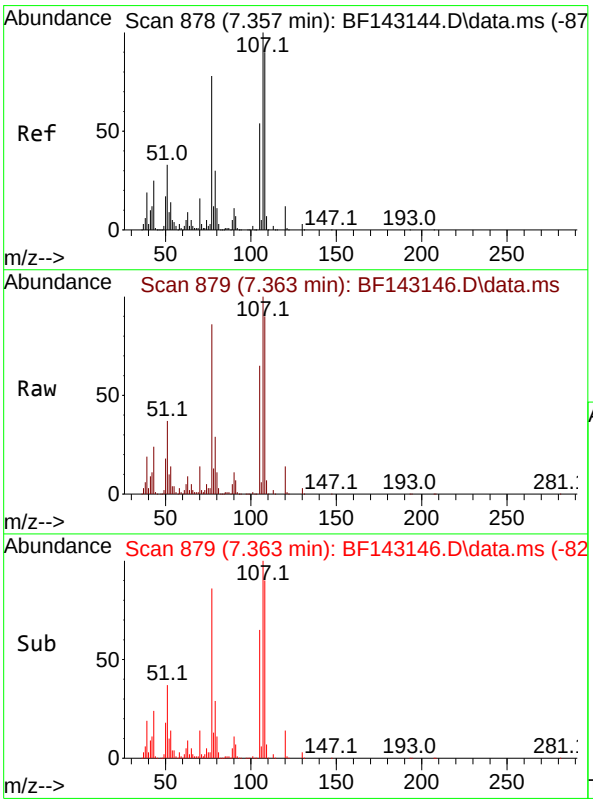
#19
n-Nitroso-di-n-propylamine
Concen: 56.012 ng
RT: 7.381 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 437750

Ion	Ratio	Lower	Upper
70	100		
42	65.7	52.5	78.7
101	9.7	7.6	11.4
130	20.7	16.1	24.1

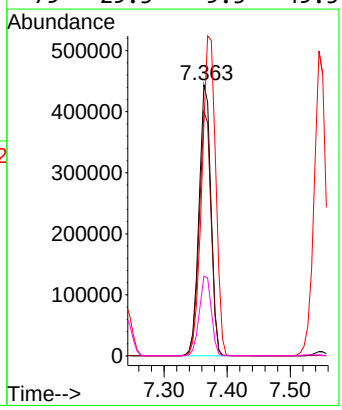


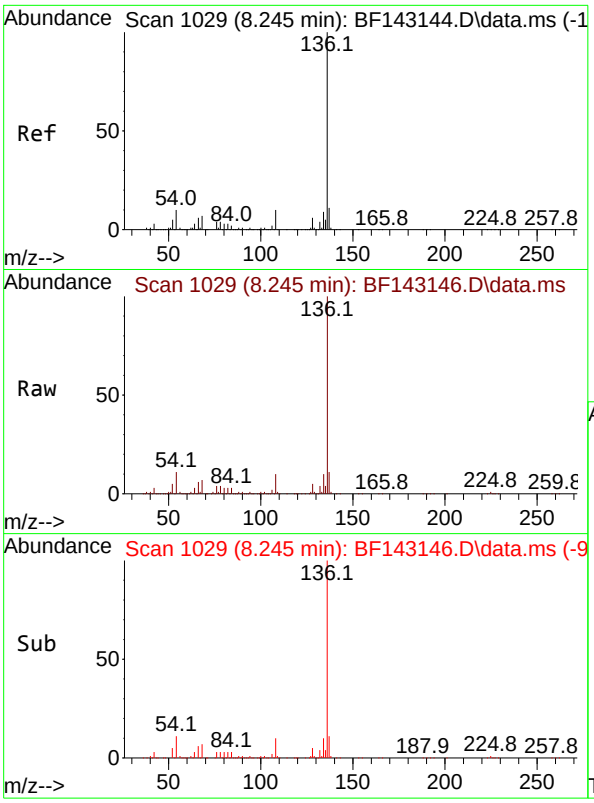


#20
3+4-Methylphenols
Concen: 56.273 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:107 Resp: 582354

Ion	Ratio	Lower	Upper
107	100		
108	90.1	70.0	110.0
77	86.3	57.8	97.8
79	29.5	9.5	49.5



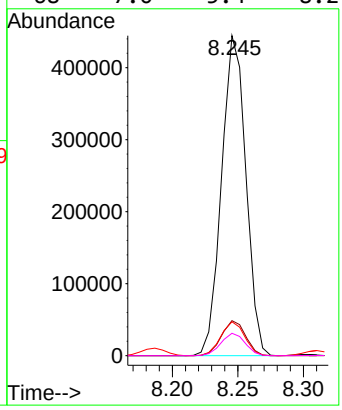


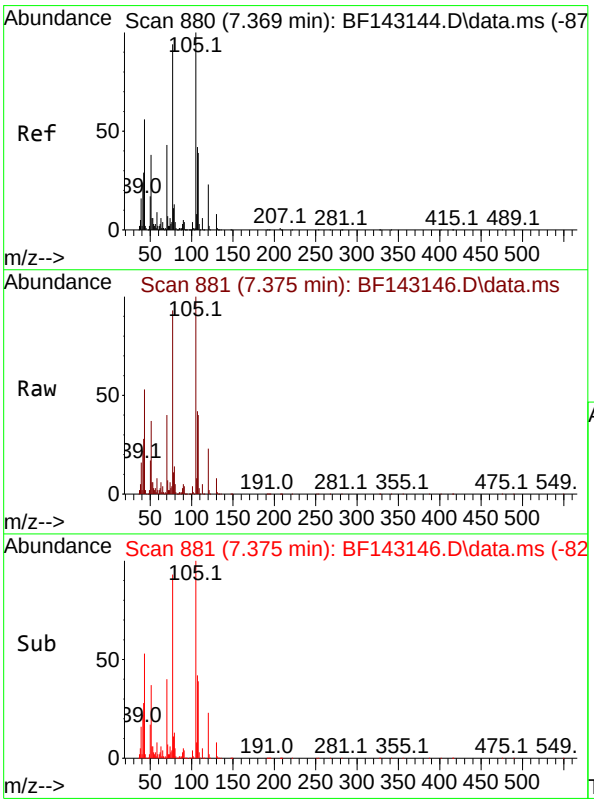
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 573541

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.6	8.2	12.2
68	7.0	5.4	8.2

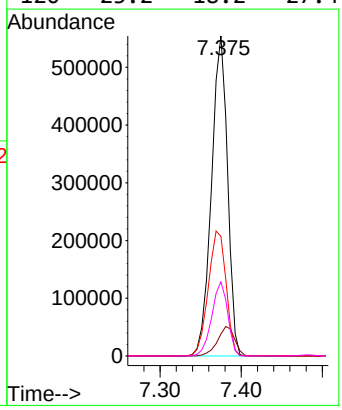


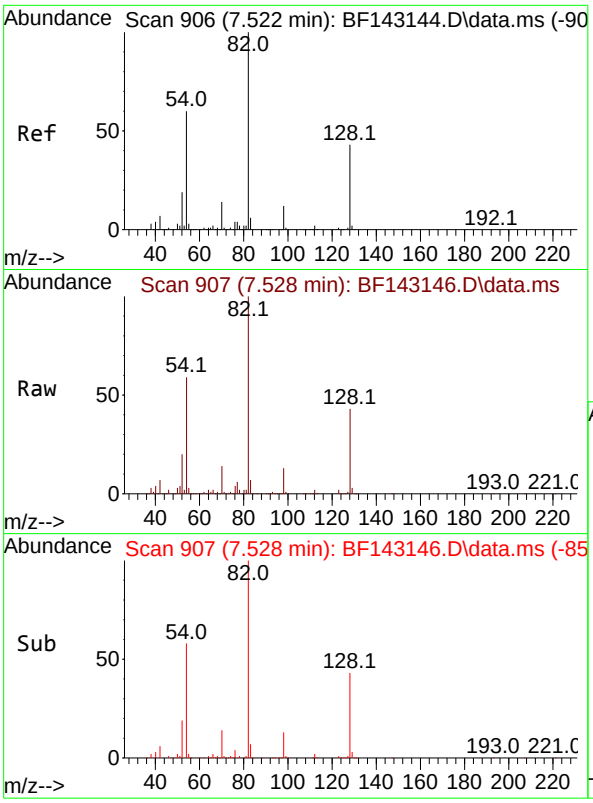


#22
Acetophenone
Concen: 56.041 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:105 Resp: 760969

Ion	Ratio	Lower	Upper
105	100		
71	6.9	5.8	8.6
51	37.4	30.2	45.2
120	23.2	18.2	27.4



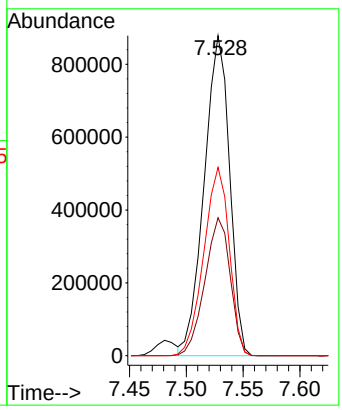


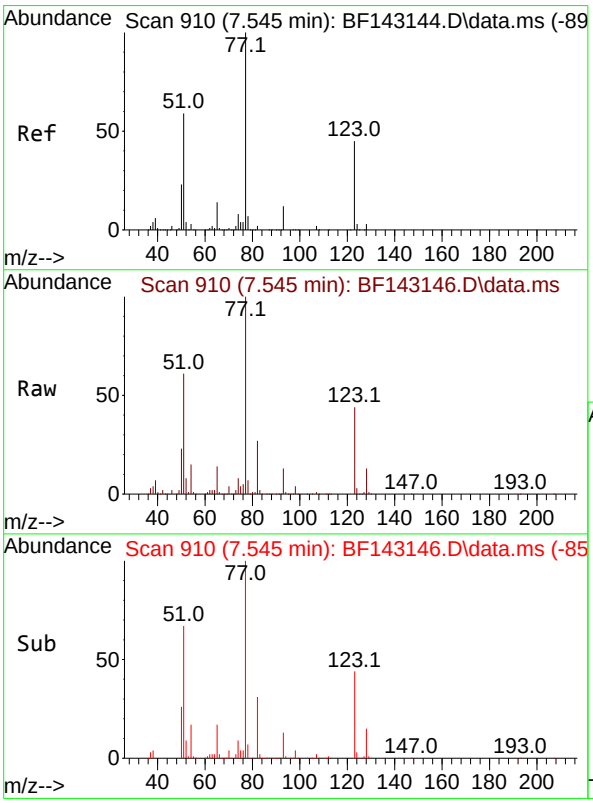
#23
Nitrobenzene-d5
Concen: 118.809 ng
RT: 7.528 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 1367018

Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.6	50.4
54	58.9	47.1	70.7

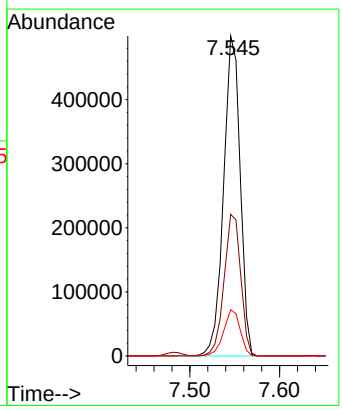


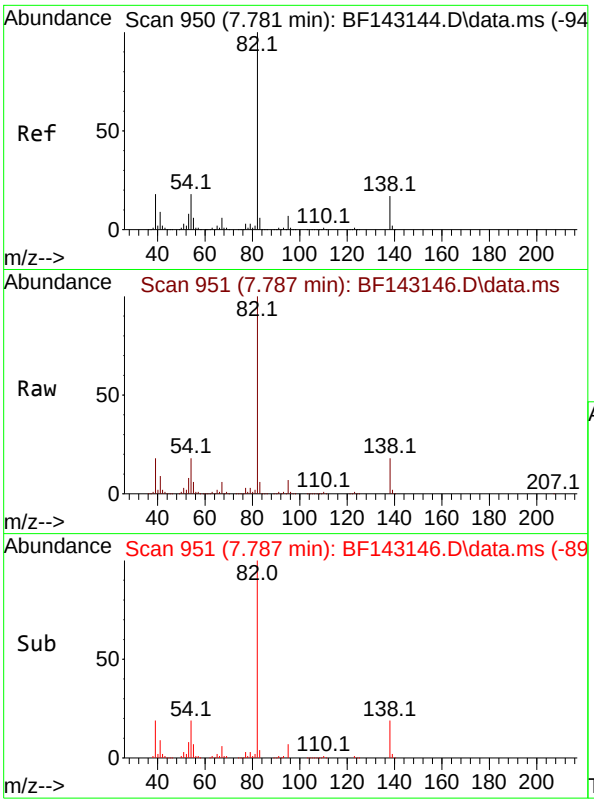


#24
Nitrobenzene
Concen: 59.832 ng
RT: 7.545 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 77 Resp: 641832

Ion	Ratio	Lower	Upper
77	100		
123	44.3	36.1	54.1
65	14.4	11.4	17.2



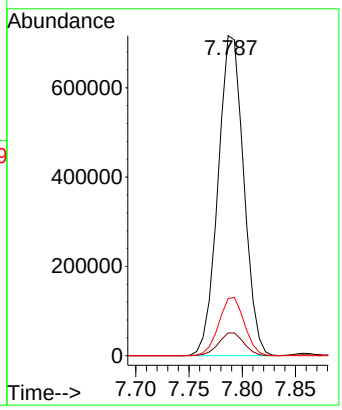


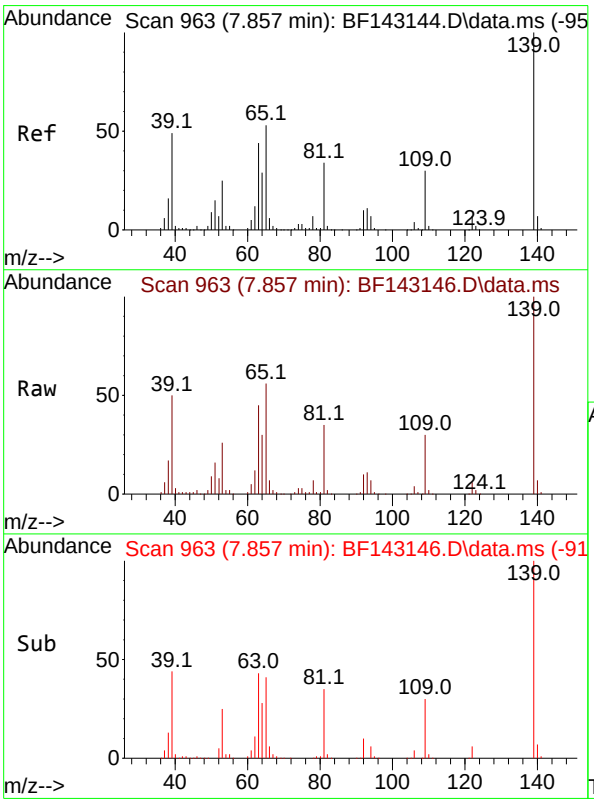
#25
Isophorone
Concen: 59.202 ng
RT: 7.787 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 1202506

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.5	8.3
138	17.9	13.8	20.8

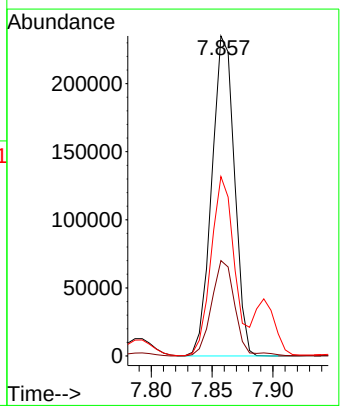


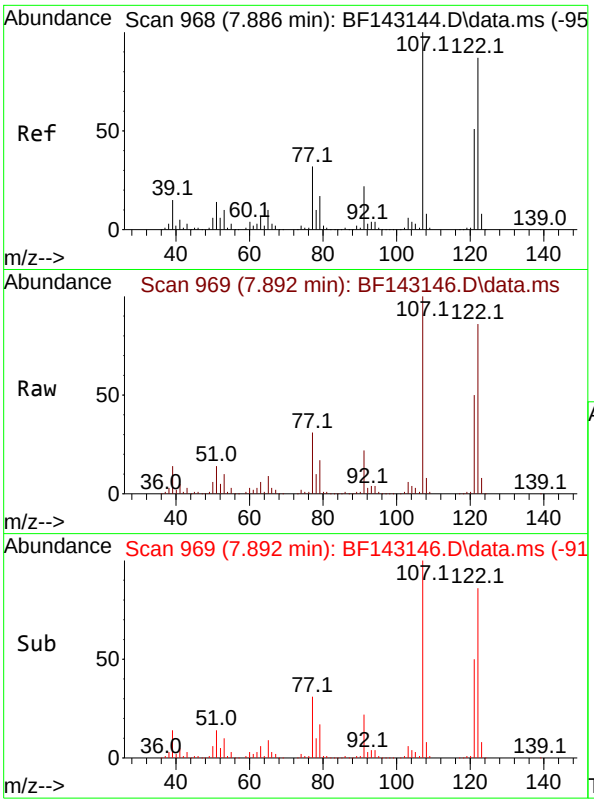


#26
2-Nitrophenol
Concen: 65.345 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:139 Resp: 304218

Ion	Ratio	Lower	Upper
139	100		
109	29.8	23.6	35.4
65	56.0	42.6	64.0



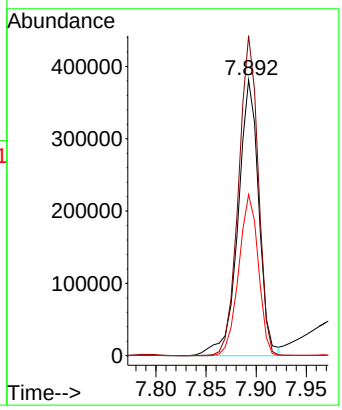


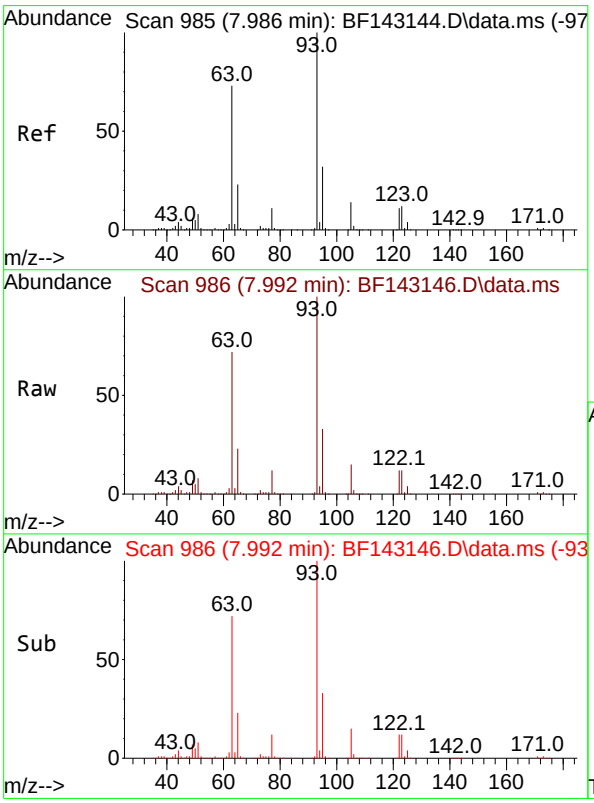
#27
2,4-Dimethylphenol
Concen: 57.833 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 548823

Ion	Ratio	Lower	Upper
122	100		
107	116.0	91.8	137.6
121	58.4	46.3	69.5

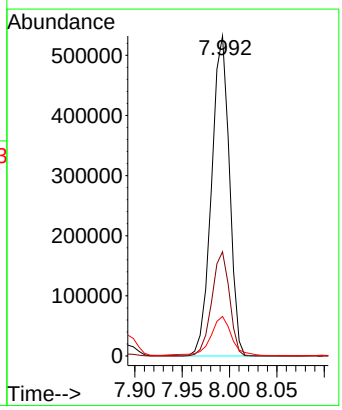


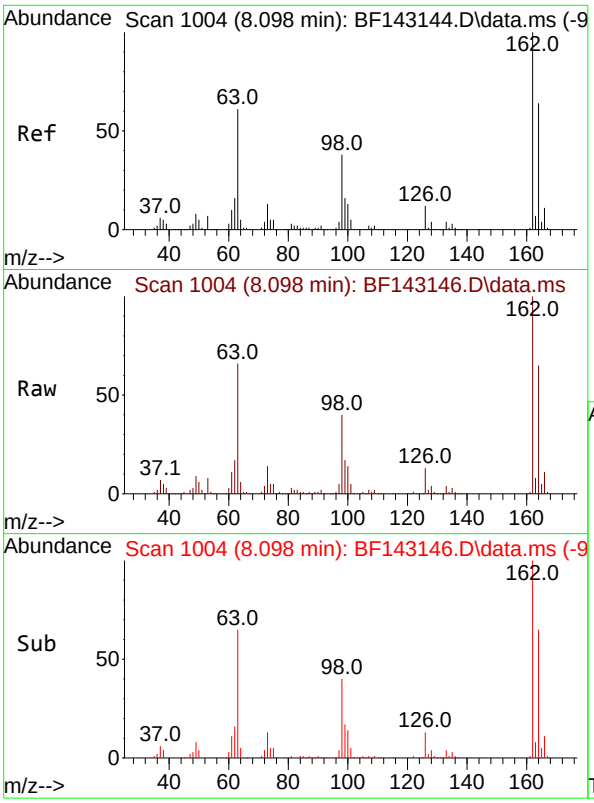


#28
bis(2-Chloroethoxy)methane
Concen: 57.184 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 93 Resp: 696403

Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.8	38.6
123	12.4	9.7	14.5



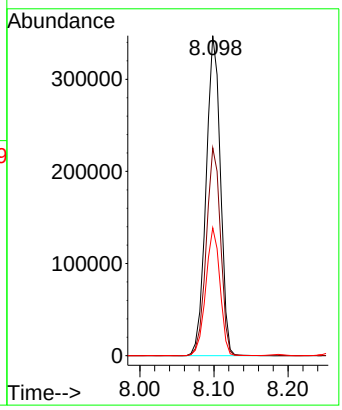


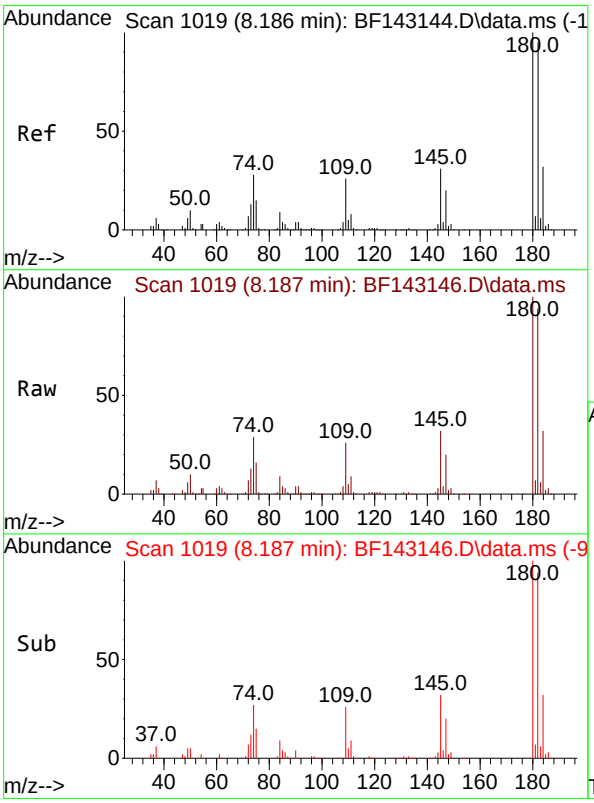
#29
2,4-Dichlorophenol
Concen: 58.329 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 466809

Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.2	84.2
98	39.9	17.9	57.9

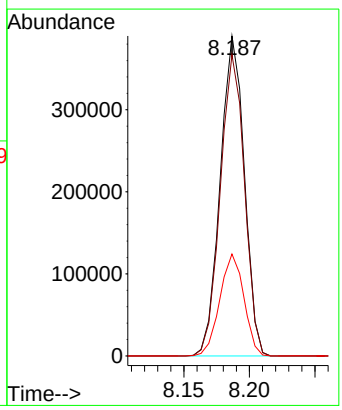


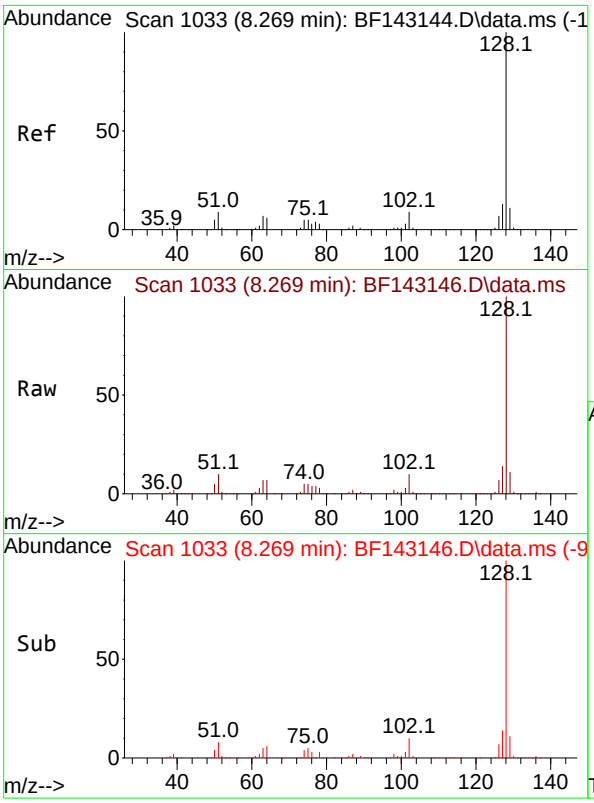


#30
1,2,4-Trichlorobenzene
Concen: 57.653 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:180 Resp: 498478

Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.2	114.2
145	31.8	25.0	37.6



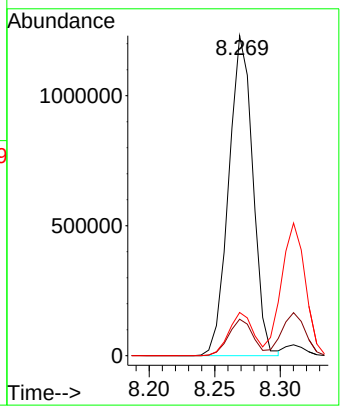


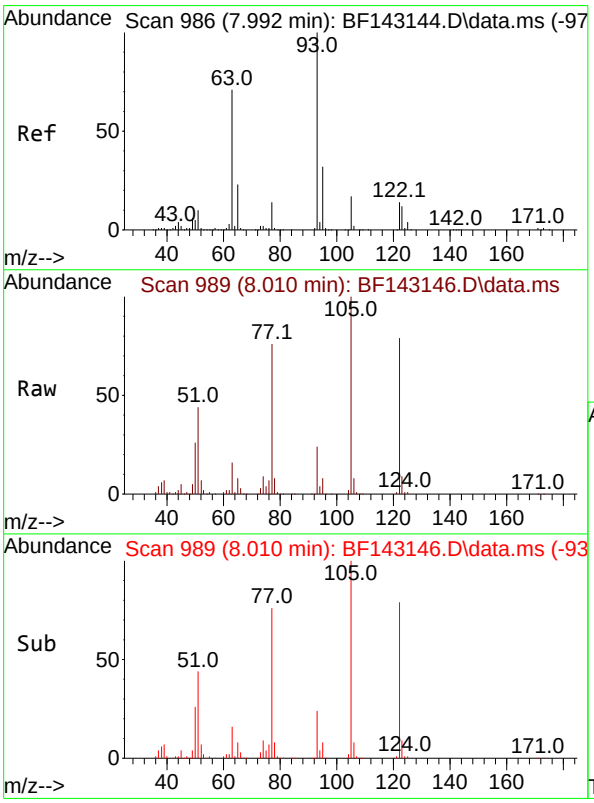
#31
Naphthalene
Concen: 55.784 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 1575696

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	13.5	10.6	16.0

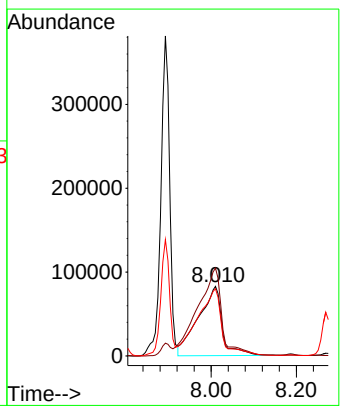


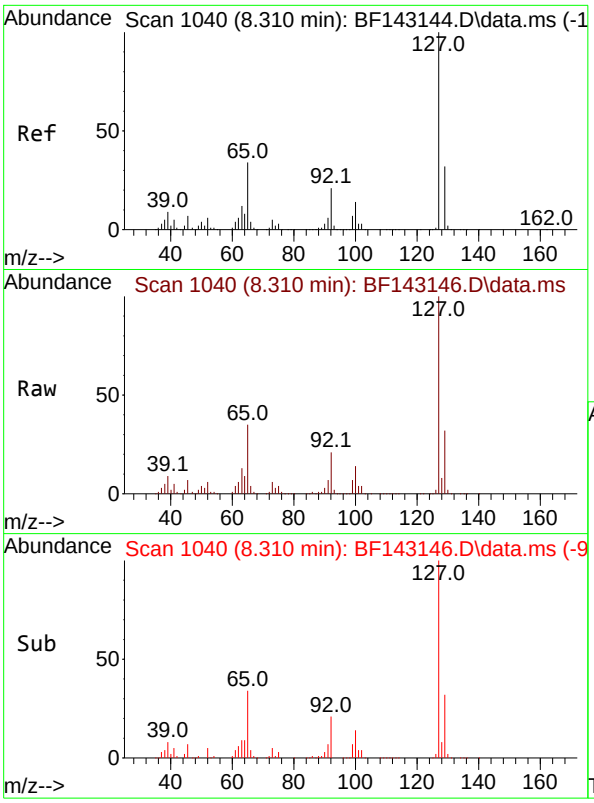


#32
Benzoic acid
Concen: 58.961 ng
RT: 8.010 min Scan# 989
Delta R.T. 0.018 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:122 Resp: 321703

Ion	Ratio	Lower	Upper
122	100		
105	126.3	104.8	144.8
77	96.5	77.6	117.6



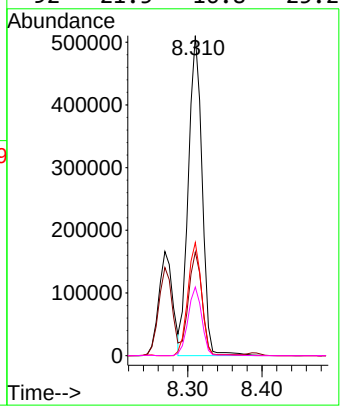


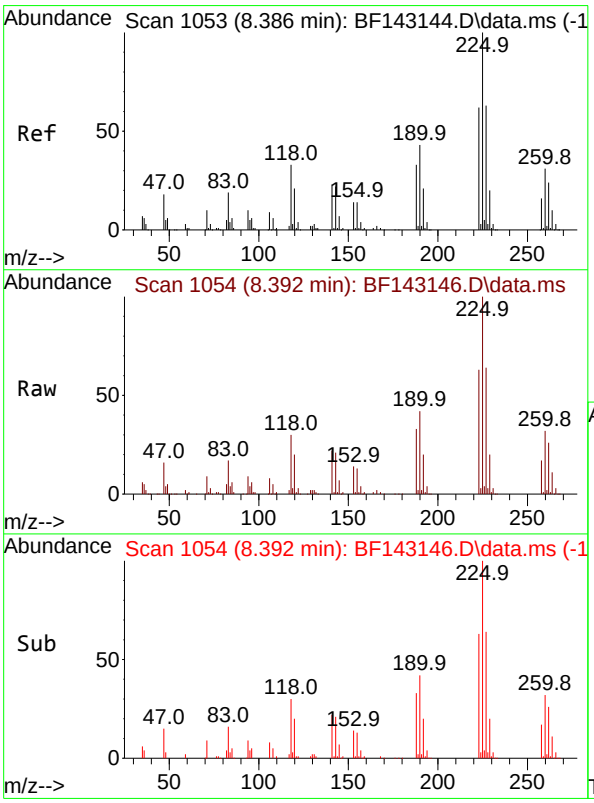
#33
4-Chloroaniline
Concen: 57.178 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 659467

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	35.3	27.4	41.2
92	21.5	16.8	25.2

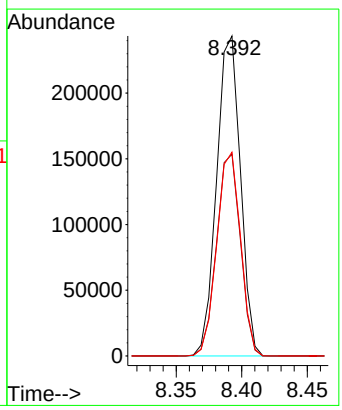


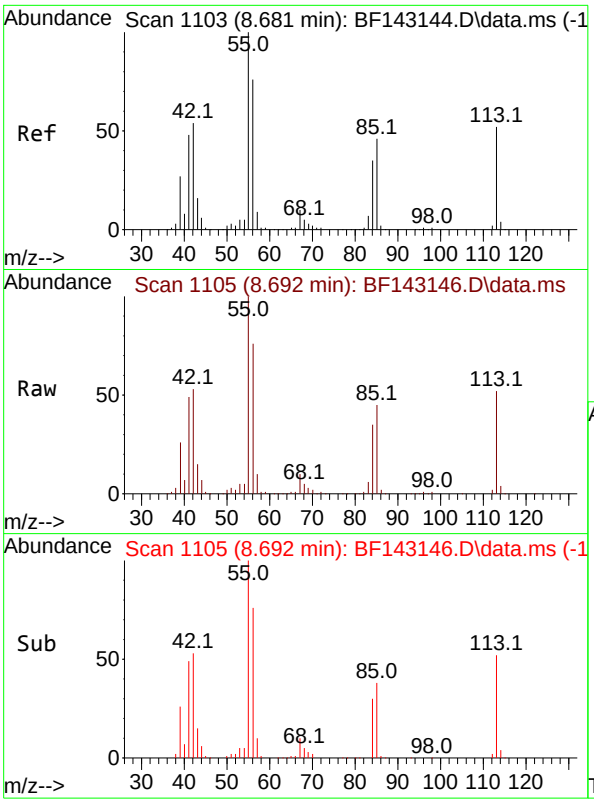


#34
Hexachlorobutadiene
Concen: 58.230 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:225 Resp: 307552

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.6
227	63.7	50.2	75.4



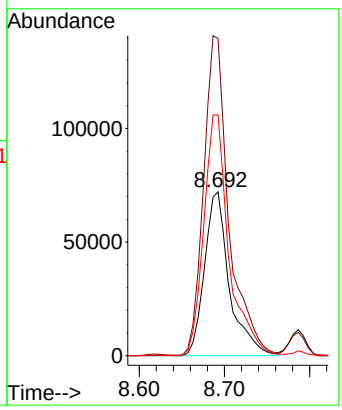


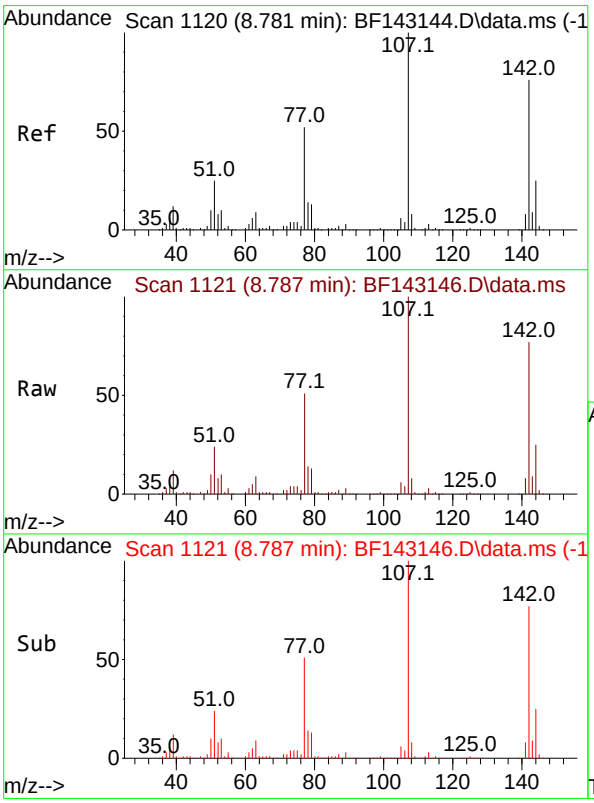
#35
Caprolactam
Concen: 60.327 ng
RT: 8.692 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 145894

Ion	Ratio	Lower	Upper
113	100		
55	193.5	174.0	214.0
56	146.9	126.6	166.6

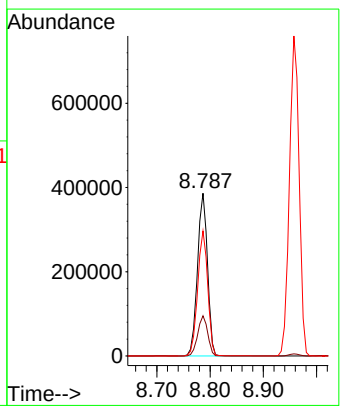


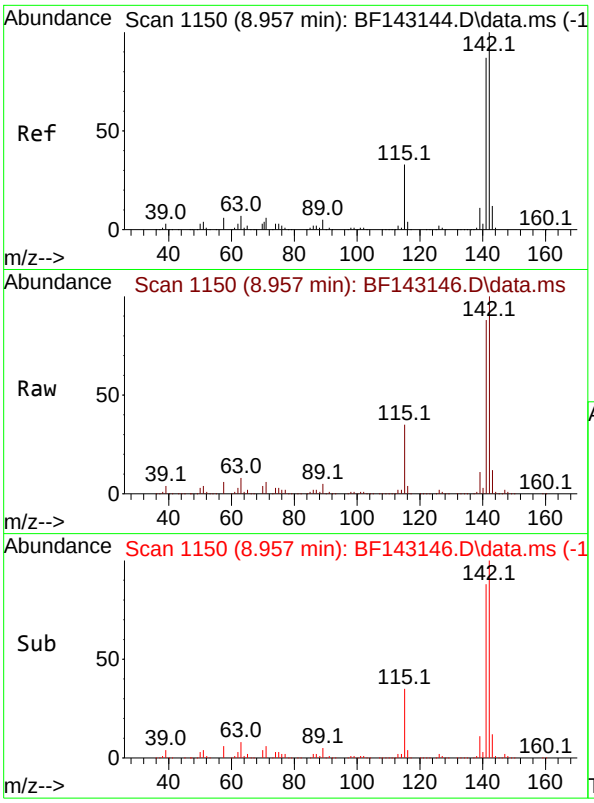


#36
4-Chloro-3-methylphenol
Concen: 58.186 ng
RT: 8.787 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:107 Resp: 506142

Ion	Ratio	Lower	Upper
107	100		
144	24.7	19.8	29.6
142	76.9	60.6	90.8



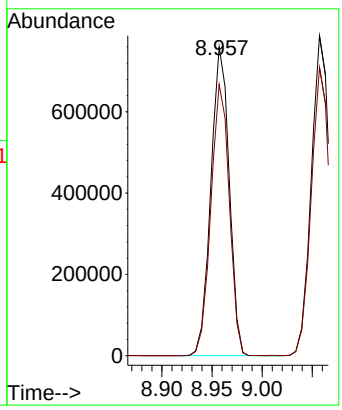


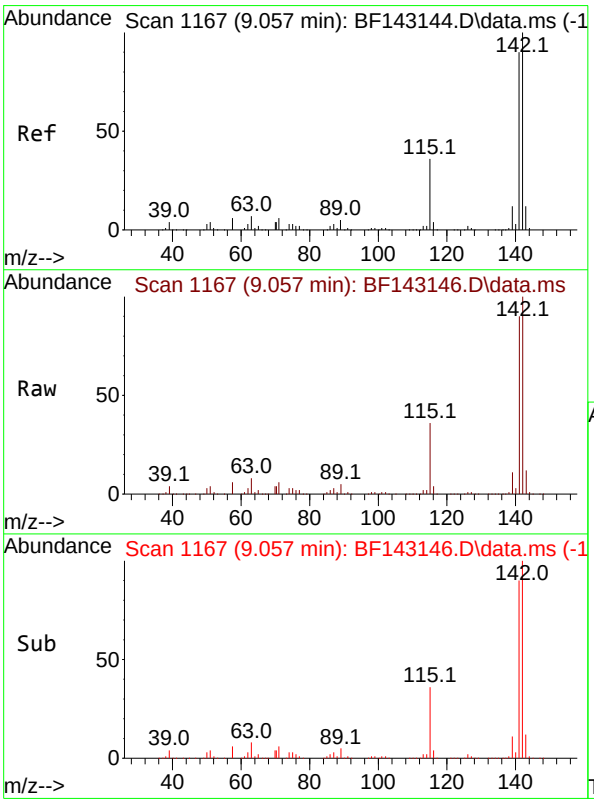
#37
2-Methylnaphthalene
Concen: 56.203 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 966031

Ion	Ratio	Lower	Upper
142	100		
141	87.9	69.9	104.9

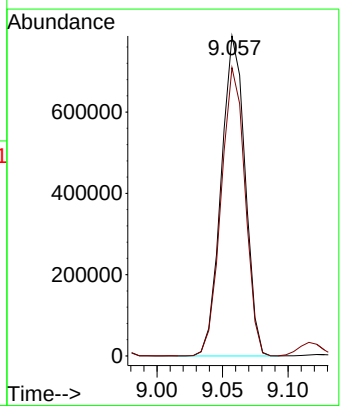


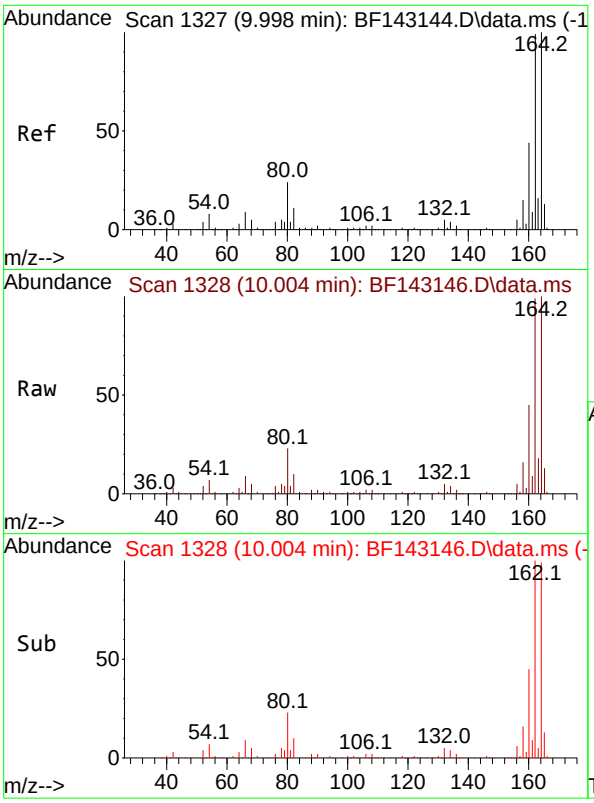


#38
1-Methylnaphthalene
Concen: 56.329 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:142 Resp: 997009

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.3	108.5



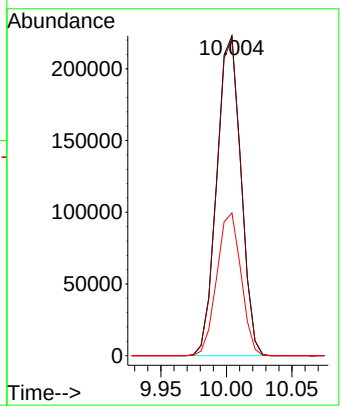


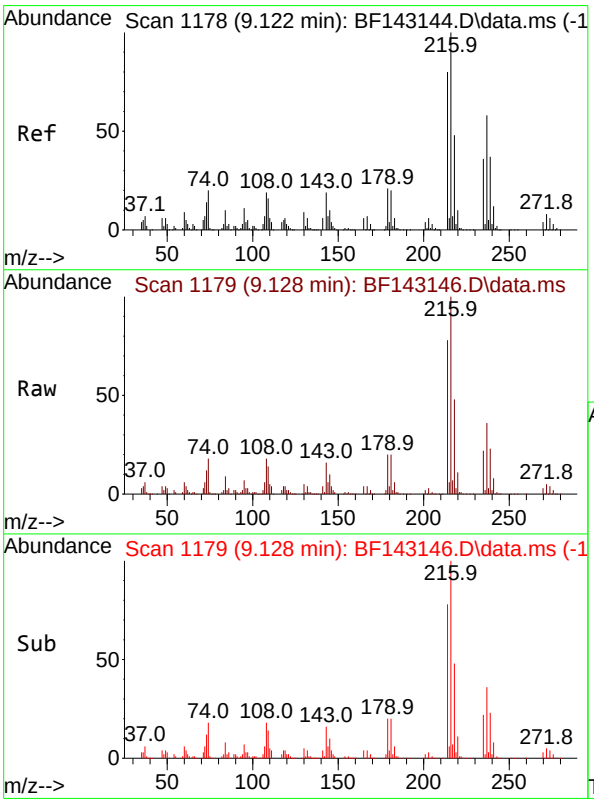
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 286544

Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.0	118.6
160	44.6	35.1	52.7

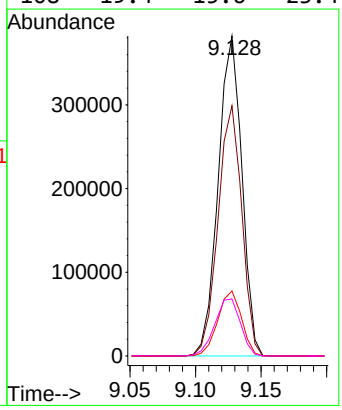


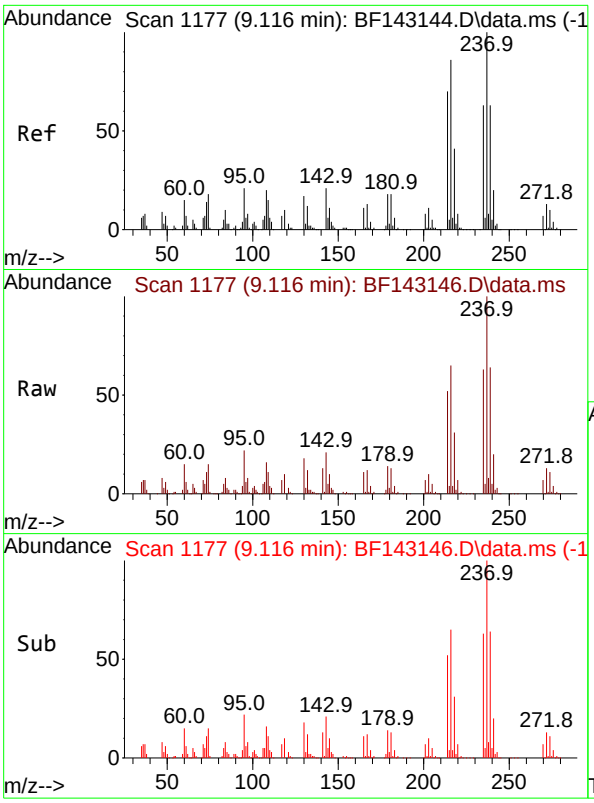


#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.955 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:216 Resp: 479450

Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.8	95.8
179	20.4	16.4	24.6
108	19.4	15.6	23.4



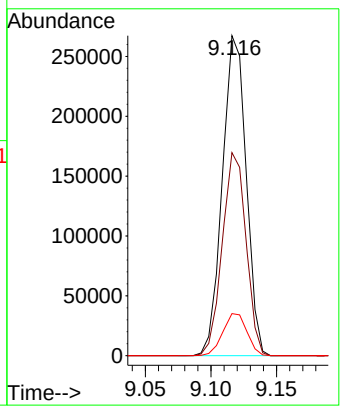


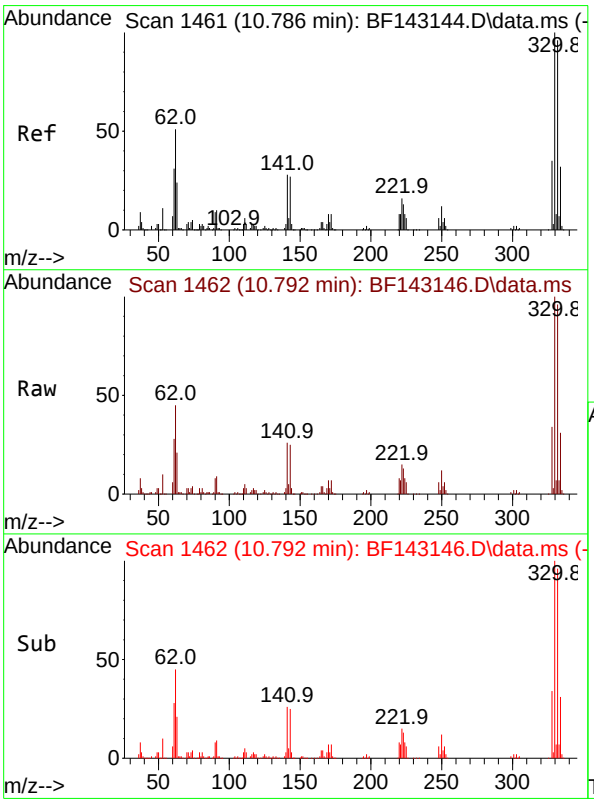
#41
Hexachlorocyclopentadiene
Concen: 62.761 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 337833

Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.0	83.0
272	13.2	0.0	33.3

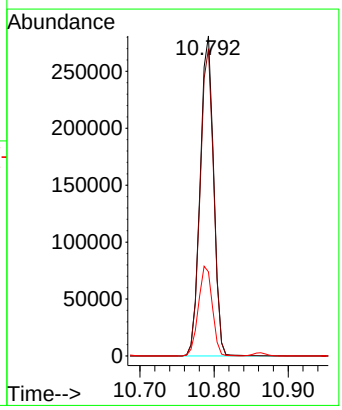


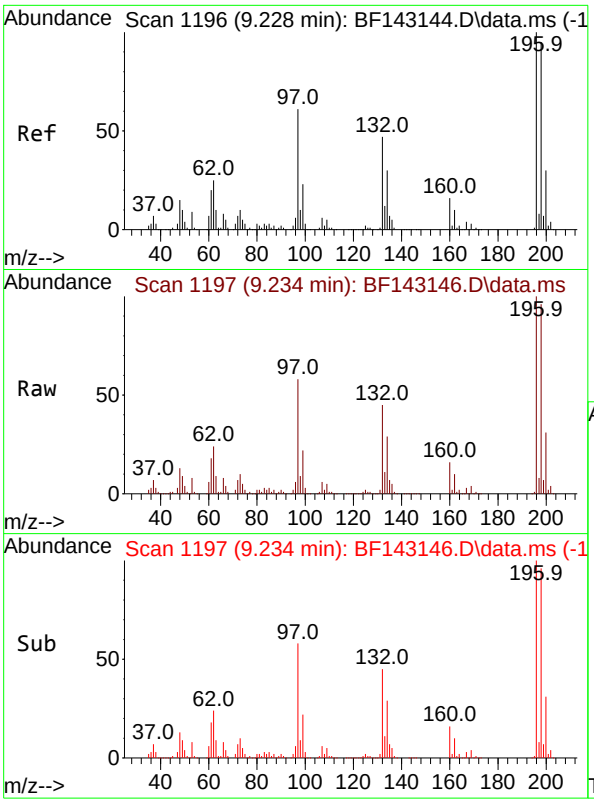


#42
2,4,6-Tribromophenol
Concen: 119.817 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:330 Resp: 354678

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.7	115.1
141	28.9	23.3	34.9



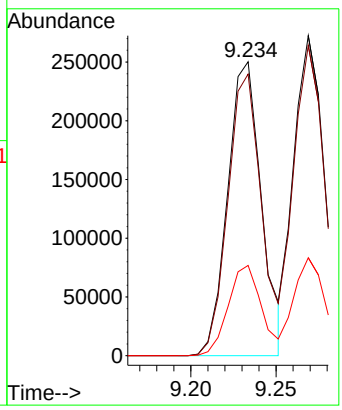


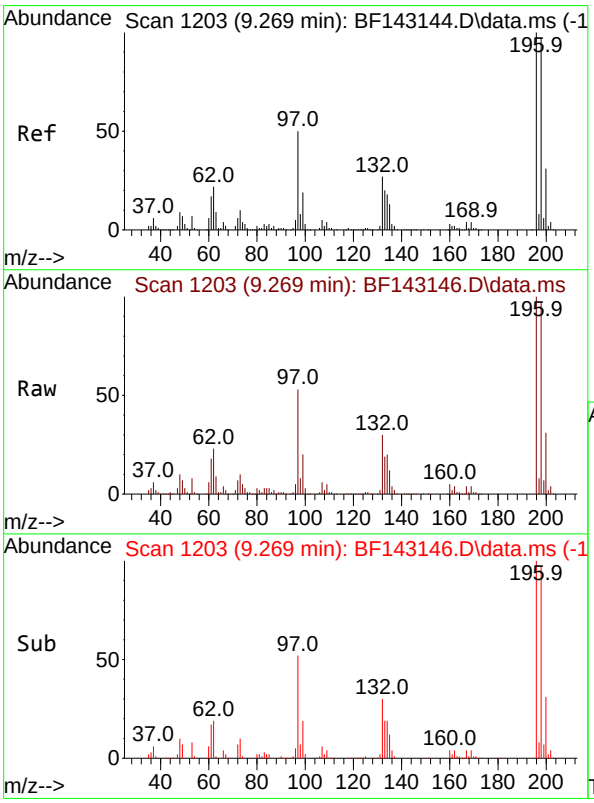
#43
2,4,6-Trichlorophenol
Concen: 60.246 ng
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 344941

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.2	114.2
200	30.7	23.9	35.9

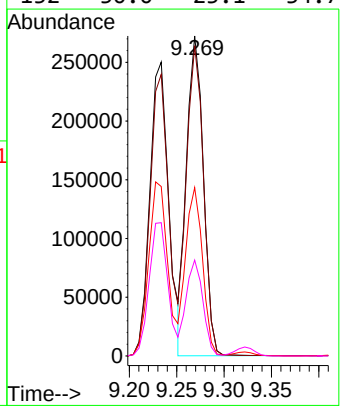


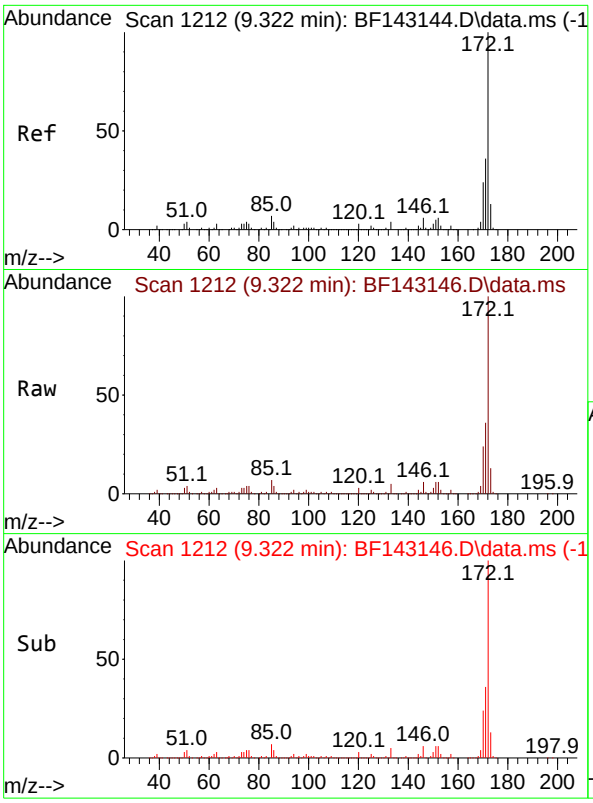


#44
2,4,5-Trichlorophenol
Concen: 59.305 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:196 Resp: 339656

Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.3	115.9
97	52.6	40.3	60.5
132	30.0	23.1	34.7



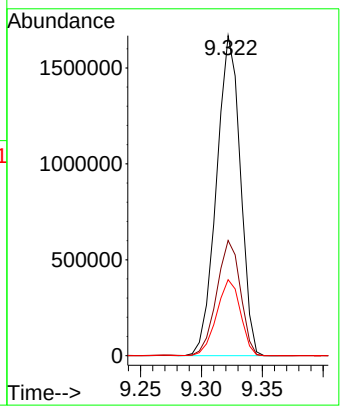


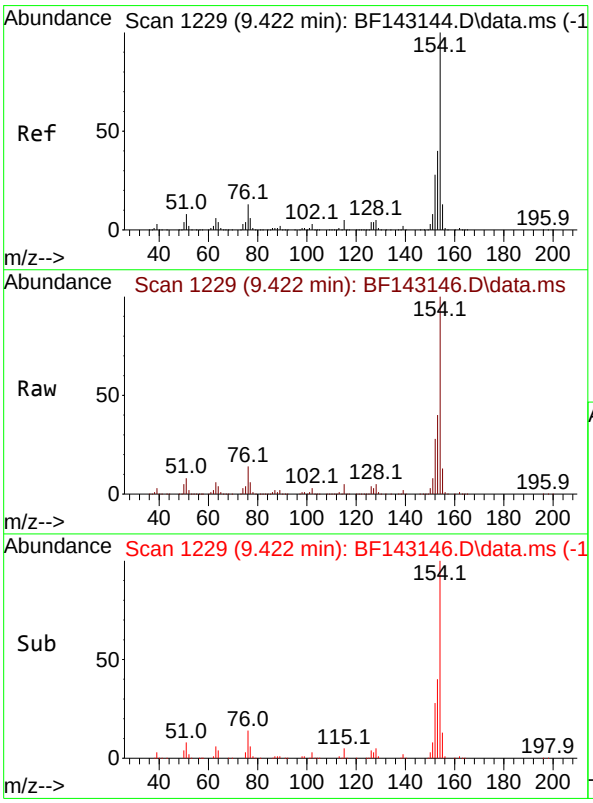
#45
2-Fluorobiphenyl
Concen: 108.558 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 2274500

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	23.7	18.8	28.2

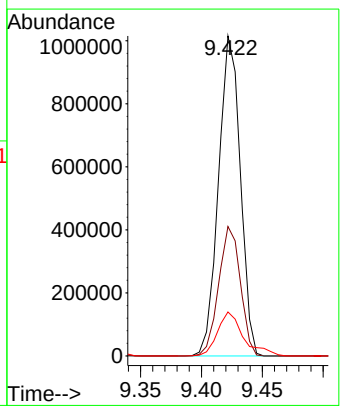


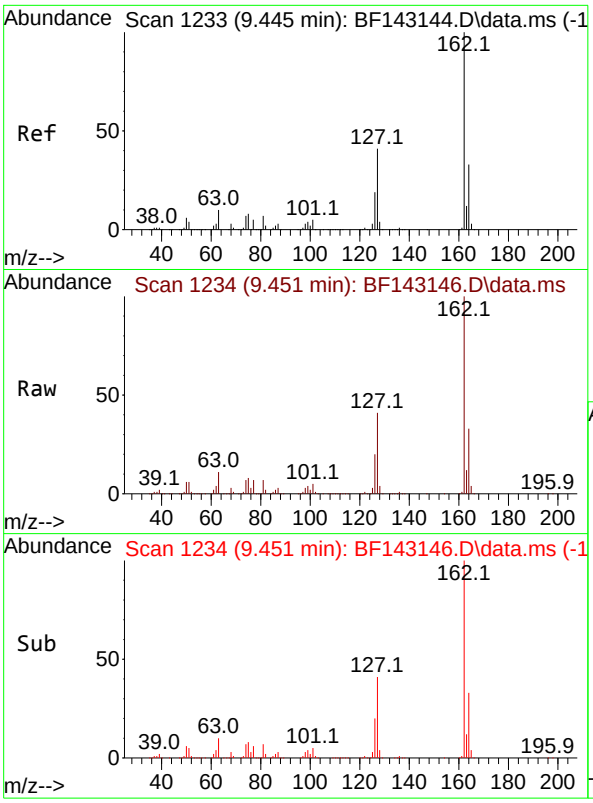


#46
1,1'-Biphenyl
Concen: 56.610 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:154 Resp: 1265588

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	13.7	0.0	33.3



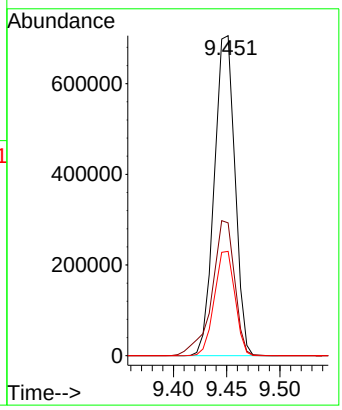


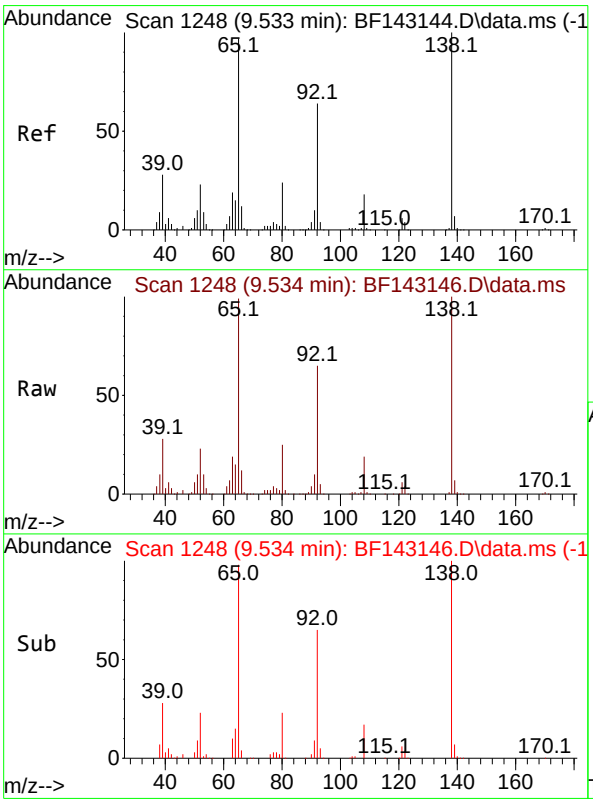
#47
2-Chloronaphthalene
Concen: 57.364 ng
RT: 9.451 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 948912

Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.4	50.2
164	32.6	26.2	39.2

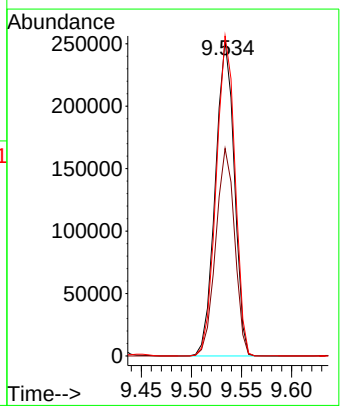


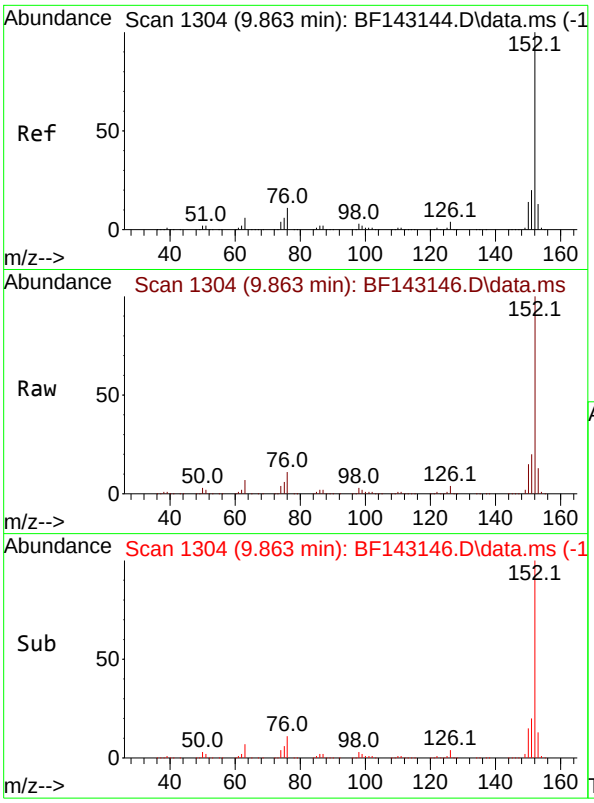


#48
2-Nitroaniline
Concen: 63.904 ng
RT: 9.534 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 65 Resp: 331501

Ion	Ratio	Lower	Upper
65	100		
92	65.8	52.4	78.6
138	101.5	82.3	123.5



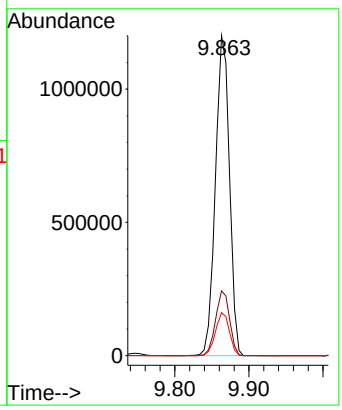


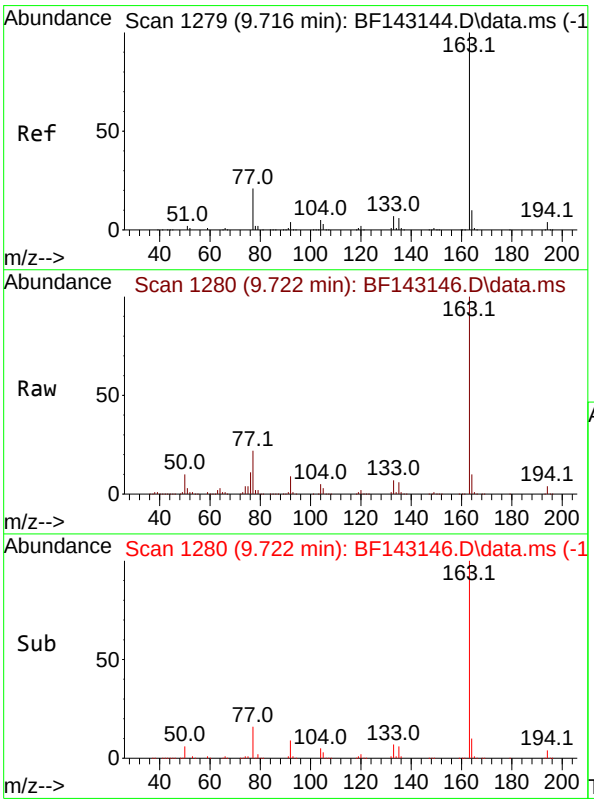
#49
Acenaphthylene
Concen: 56.860 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 1576240

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.5	10.6	16.0

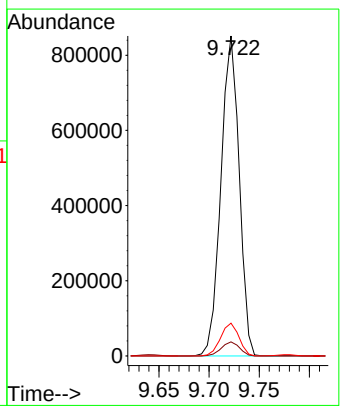


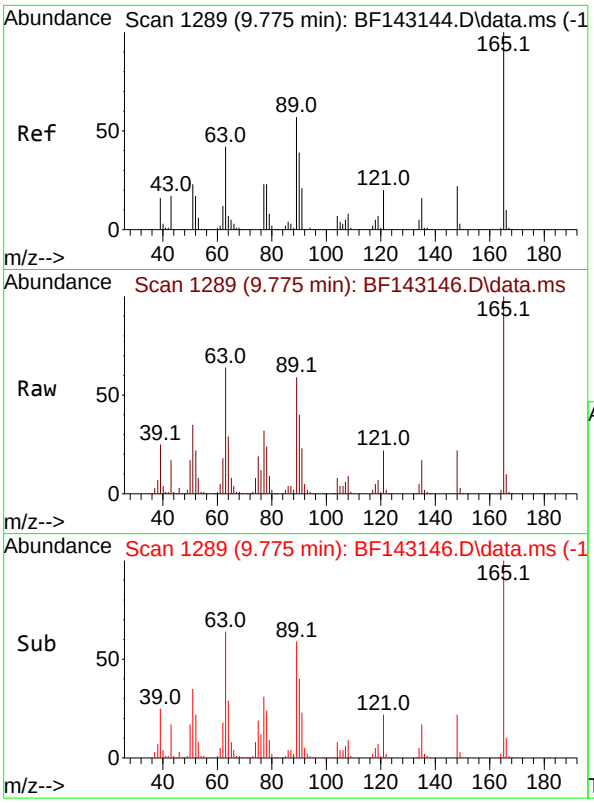


#50
Dimethylphthalate
Concen: 57.558 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:163 Resp: 1075052

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.3	8.3	12.5



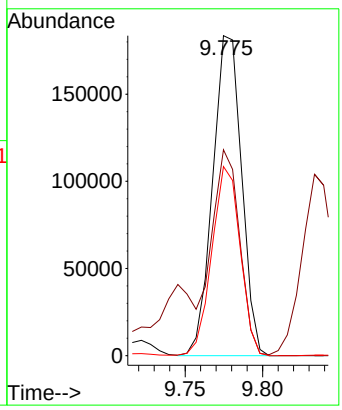


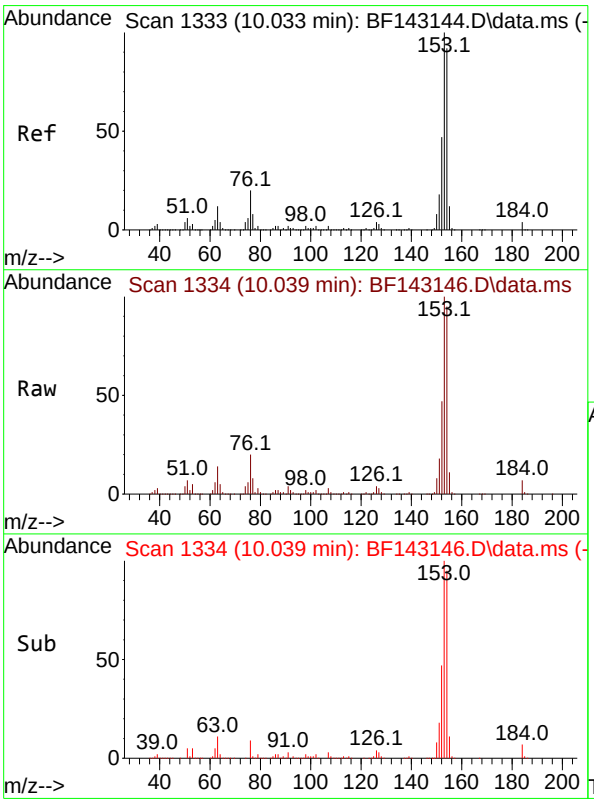
#51
2,6-Dinitrotoluene
Concen: 62.665 ng
RT: 9.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 238103

Ion	Ratio	Lower	Upper
165	100		
63	64.4	49.4	74.2
89	59.1	46.2	69.2

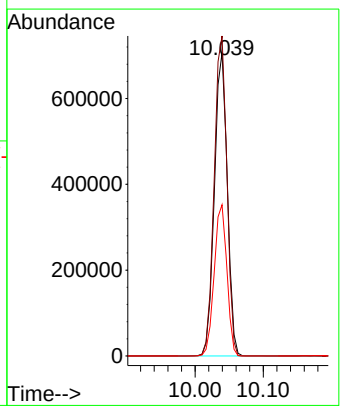


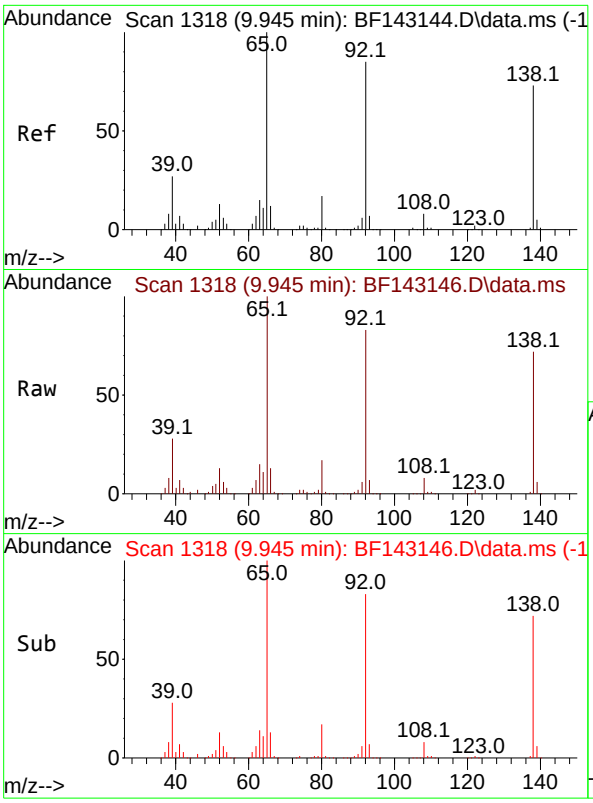


#52
Acenaphthene
Concen: 56.814 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:154 Resp: 930883

Ion	Ratio	Lower	Upper
154	100		
153	105.6	86.6	129.8
152	49.9	40.4	60.6



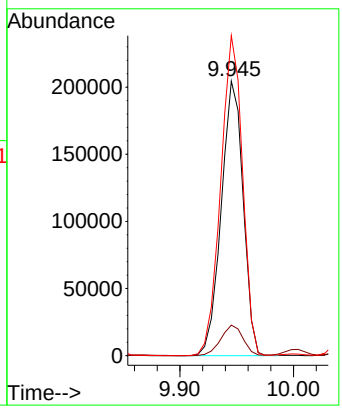


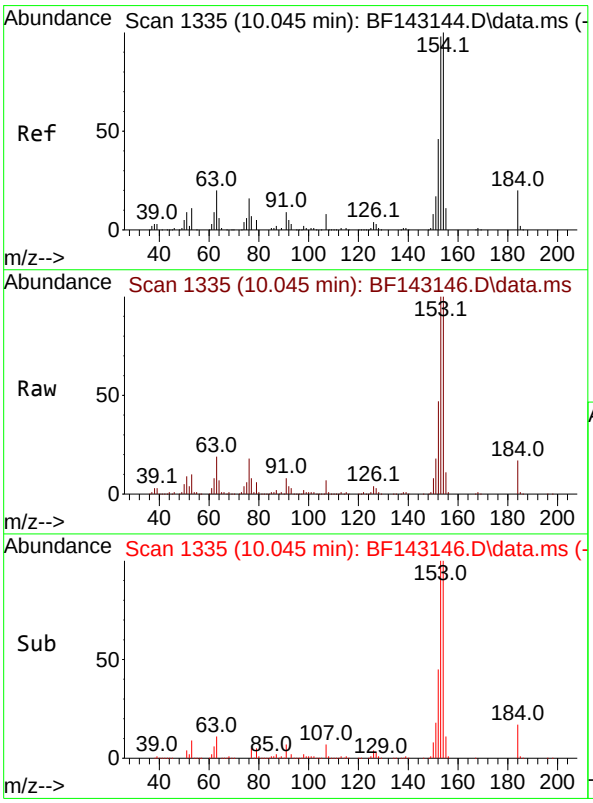
#53
3-Nitroaniline
Concen: 61.542 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 273506

Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.0	13.6
92	116.5	93.0	139.4

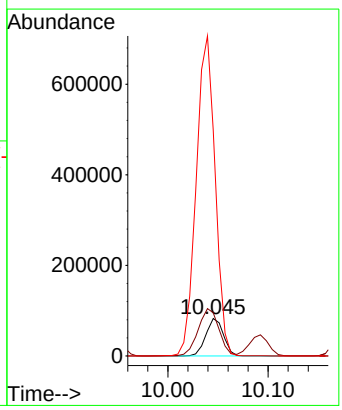


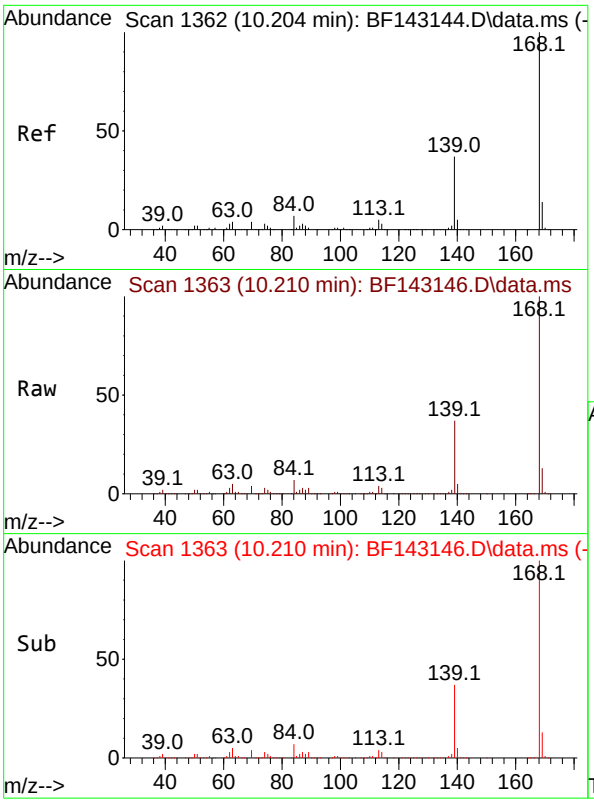


#54
2,4-Dinitrophenol
Concen: 60.690 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:184 Resp: 101491

Ion	Ratio	Lower	Upper
184	100		
63	115.6	81.8	122.6
154	603.3	412.2	618.4



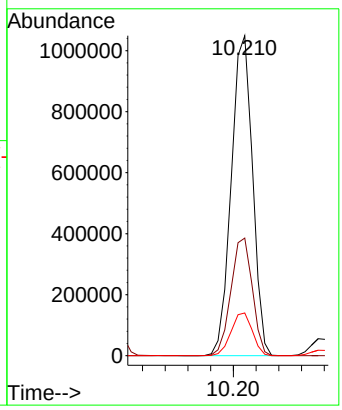


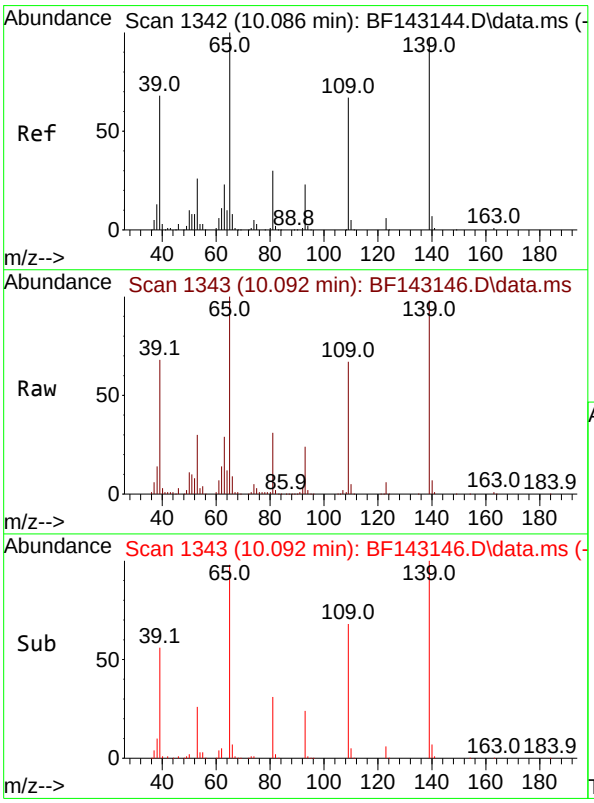
#55
Dibenzofuran
Concen: 56.093 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 1364531

Ion	Ratio	Lower	Upper
168	100		
139	36.7	29.5	44.3
169	13.4	10.9	16.3

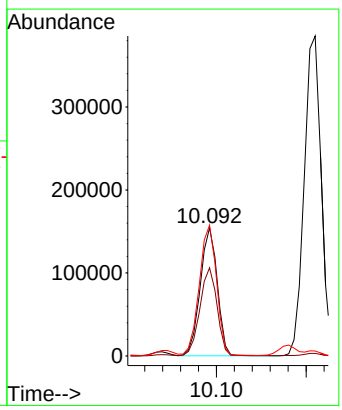


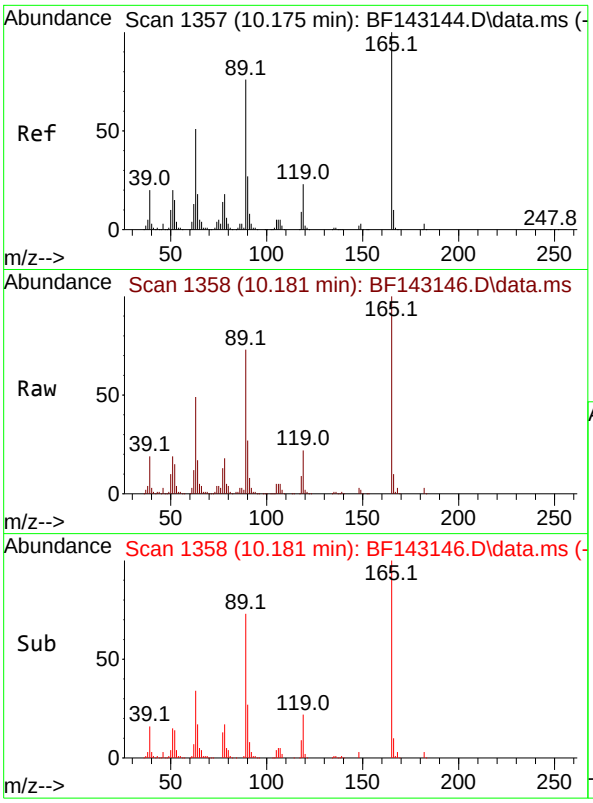


#56
4-Nitrophenol
Concen: 61.312 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:139 Resp: 203477

Ion	Ratio	Lower	Upper
139	100		
109	68.7	48.5	88.5
65	102.2	83.4	123.4



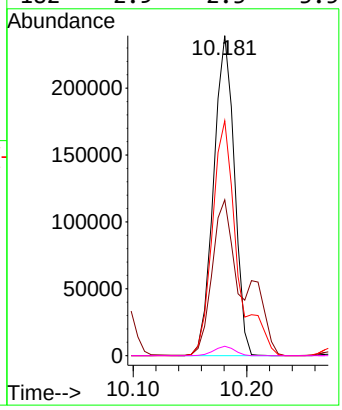


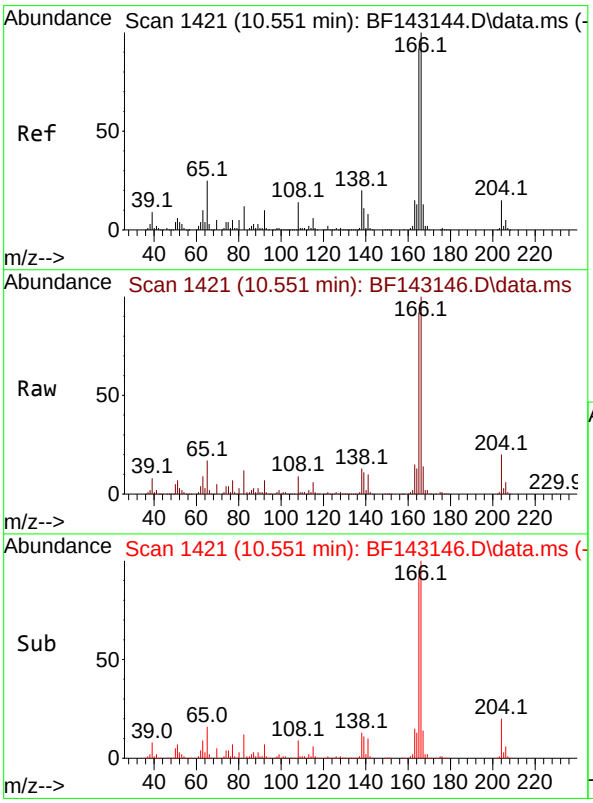
#57
2,4-Dinitrotoluene
Concen: 63.868 ng
RT: 10.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 304460

Ion	Ratio	Lower	Upper
165	100		
63	48.7	41.0	61.4
89	73.4	61.1	91.7
182	2.9	2.3	3.5

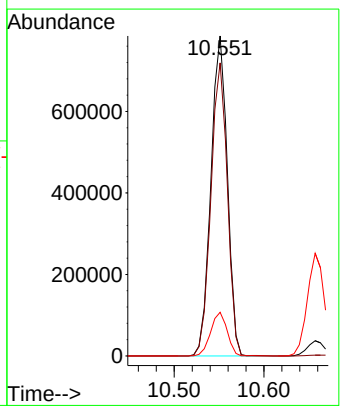


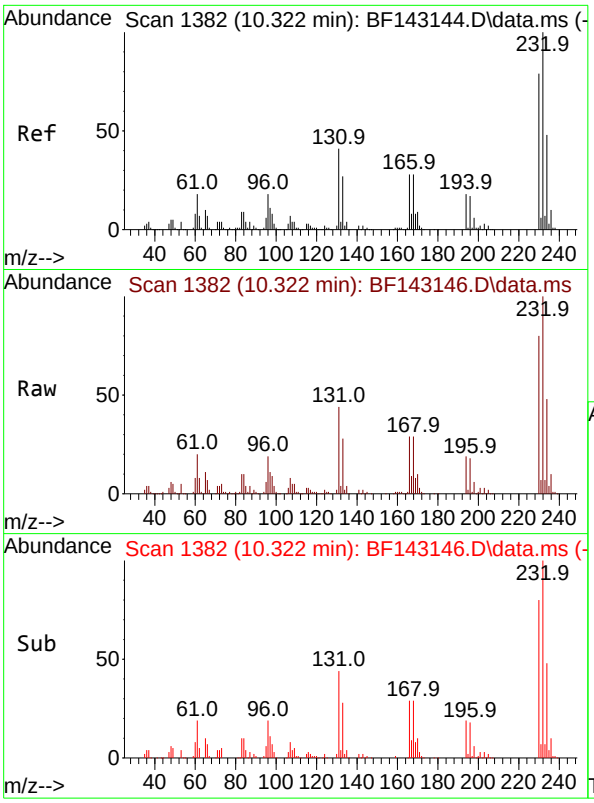


#58
Fluorene
Concen: 54.647 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:166 Resp: 997710

Ion	Ratio	Lower	Upper
166	100		
165	91.6	73.7	110.5
167	13.6	10.6	16.0



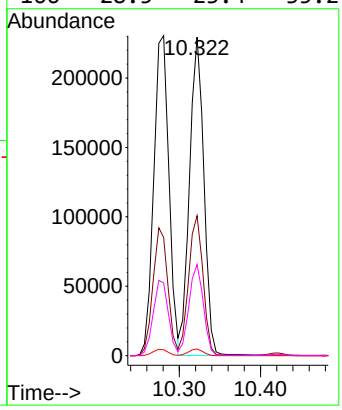


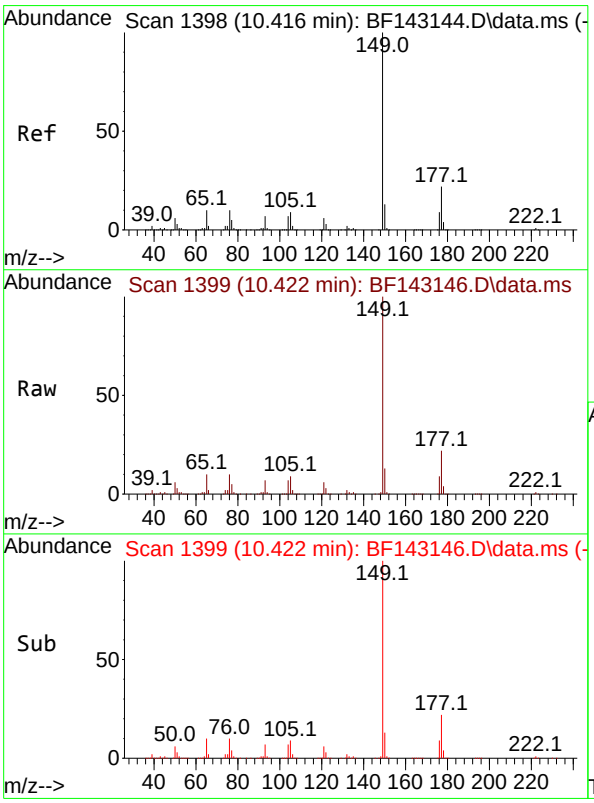
#59
2,3,4,6-Tetrachlorophenol
Concen: 59.678 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 283124

Ion	Ratio	Lower	Upper
232	100		
131	44.2	35.3	52.9
130	2.1	1.7	2.5
166	28.5	23.4	35.2

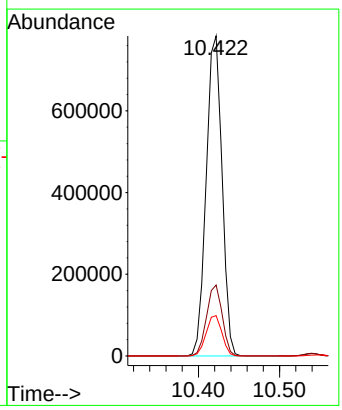


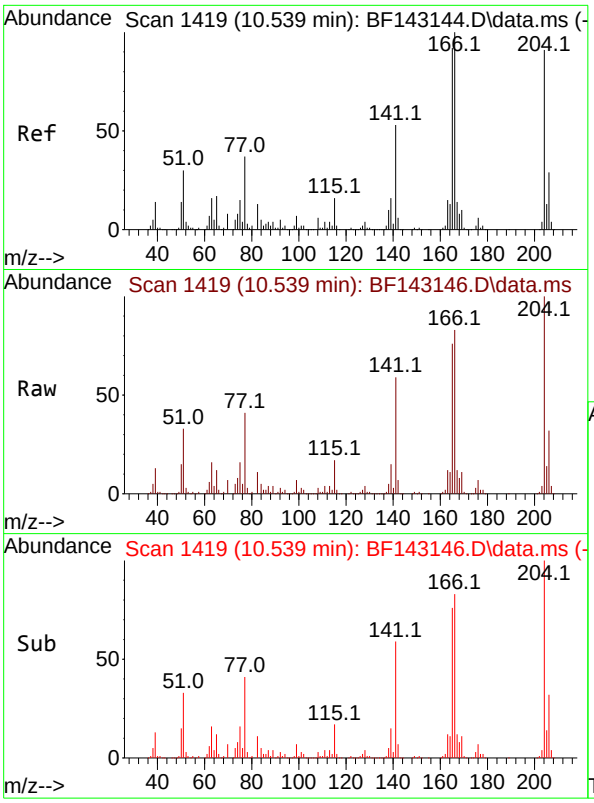


#60
Diethylphthalate
Concen: 57.301 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 1057851

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.5	26.3
150	12.6	10.2	15.2



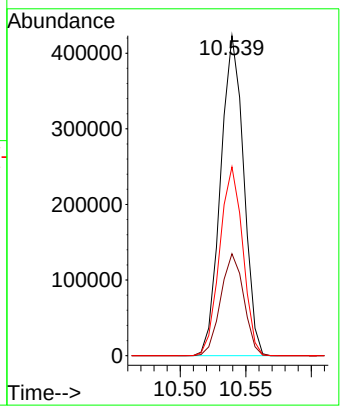


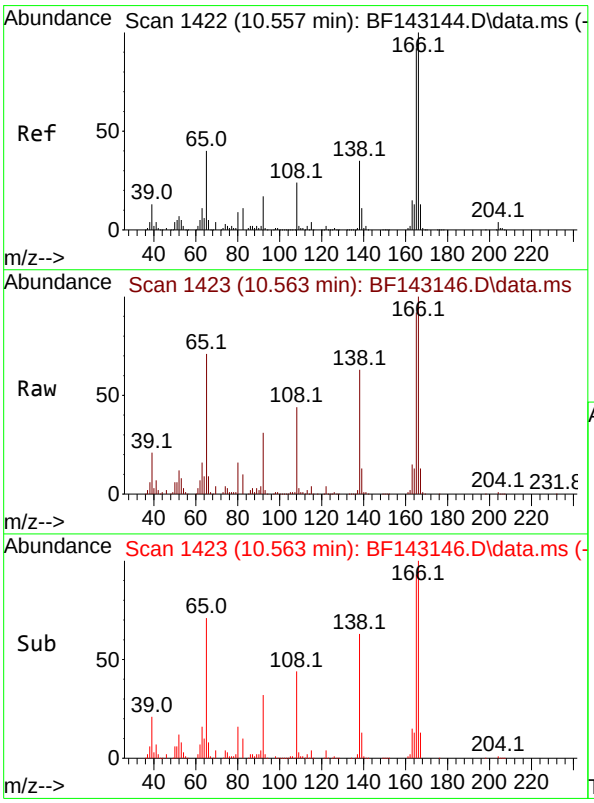
#61
4-Chlorophenyl-phenylether
Concen: 56.867 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 516980

Ion	Ratio	Lower	Upper
204	100		
206	31.8	25.8	38.8
141	59.0	47.0	70.4

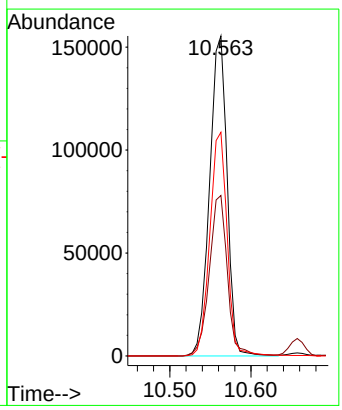


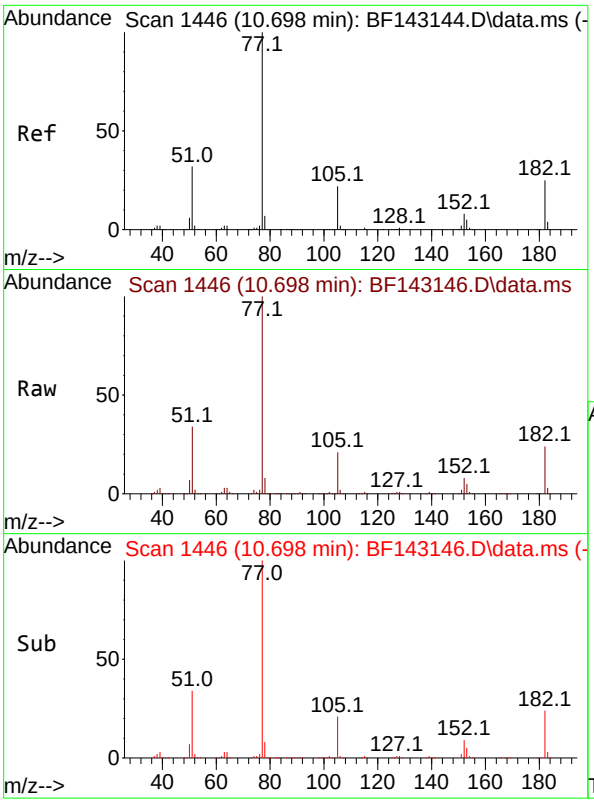


#62
4-Nitroaniline
Concen: 61.037 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:138 Resp: 232488

Ion	Ratio	Lower	Upper
138	100		
92	50.2	29.3	69.3
108	69.9	48.3	88.3



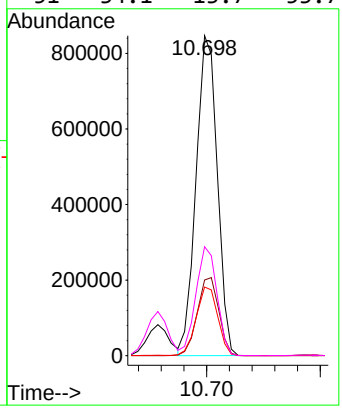


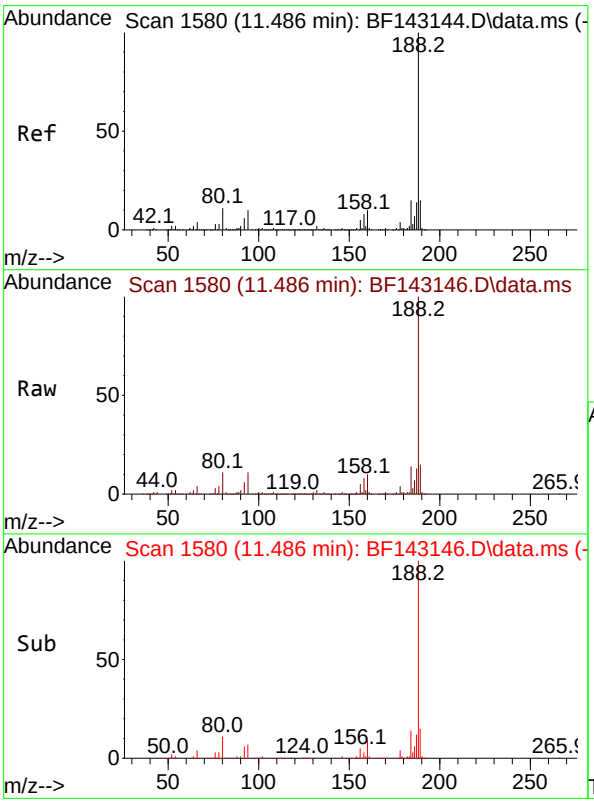
#63
Azobenzene
Concen: 57.107 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 1098772

Ion	Ratio	Lower	Upper
77	100		
182	23.6	4.6	44.6
105	21.4	1.4	41.4
51	34.1	13.7	53.7

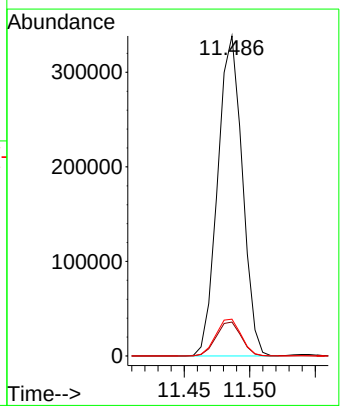


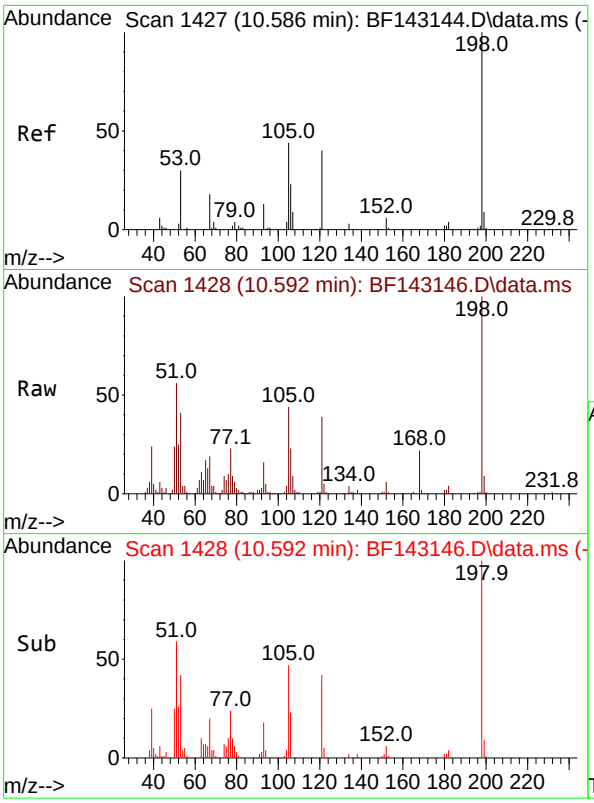


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:188 Resp: 442888

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.3	12.5
80	11.5	9.0	13.6



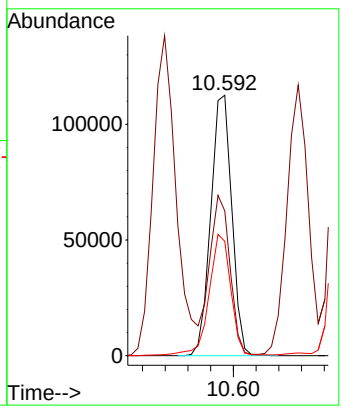


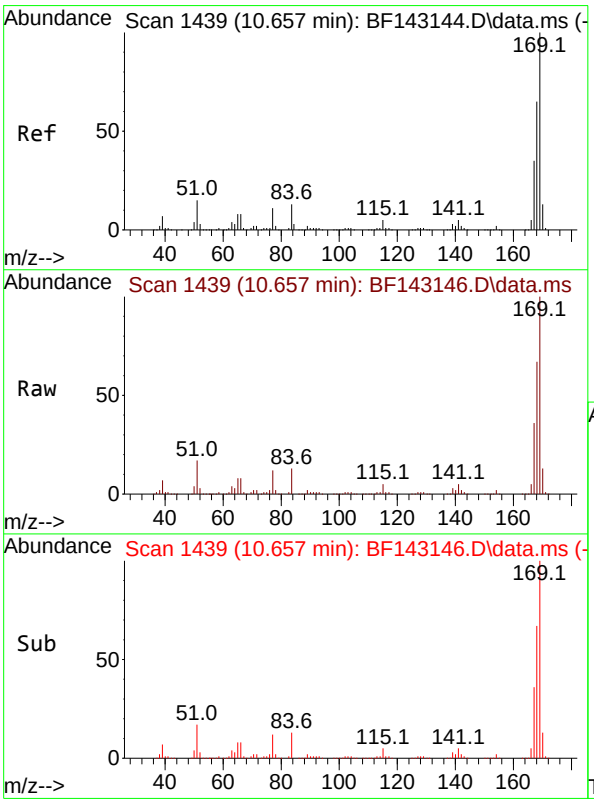
#65
4,6-Dinitro-2-methylphenol
Concen: 60.728 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 144751

Ion	Ratio	Lower	Upper
198	100		
51	55.6	37.2	77.2
105	43.9	24.8	64.8

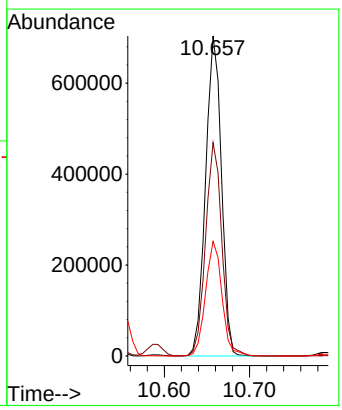


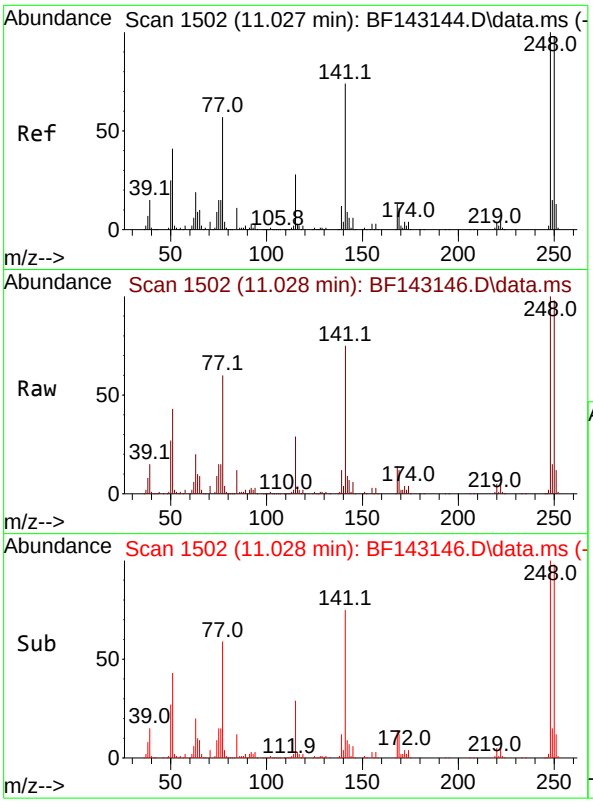


#66
n-Nitrosodiphenylamine
Concen: 58.380 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:169 Resp: 910468

Ion	Ratio	Lower	Upper
169	100		
168	66.6	52.1	78.1
167	35.8	28.2	42.2



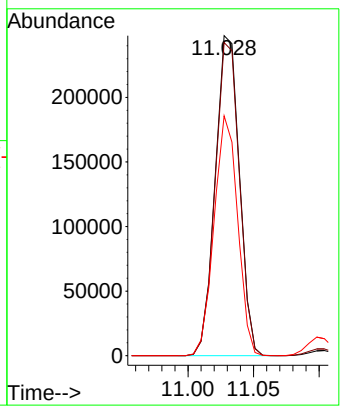


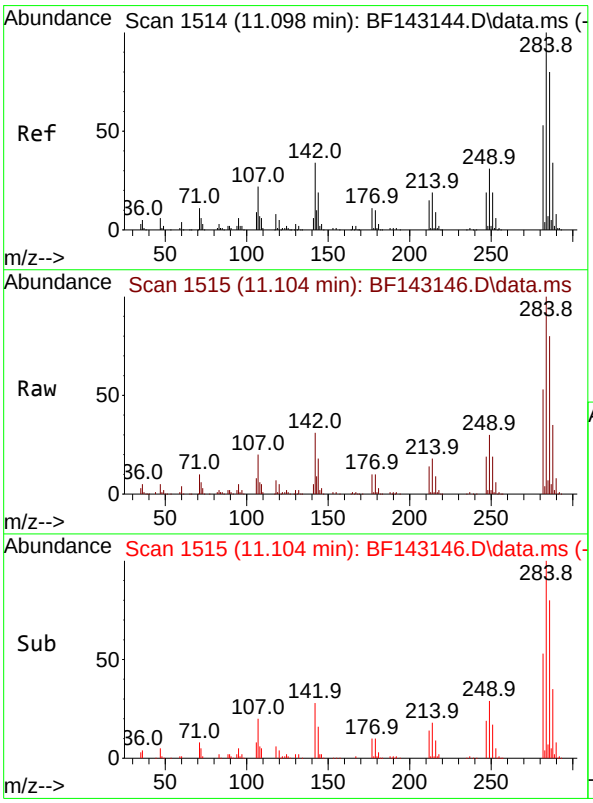
#67
4-Bromophenyl-phenylether
Concen: 60.266 ng
RT: 11.028 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 318085

Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.3	117.5
141	75.0	59.2	88.8

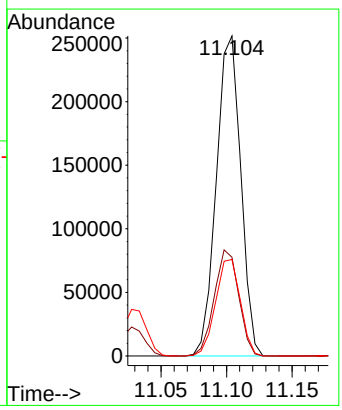


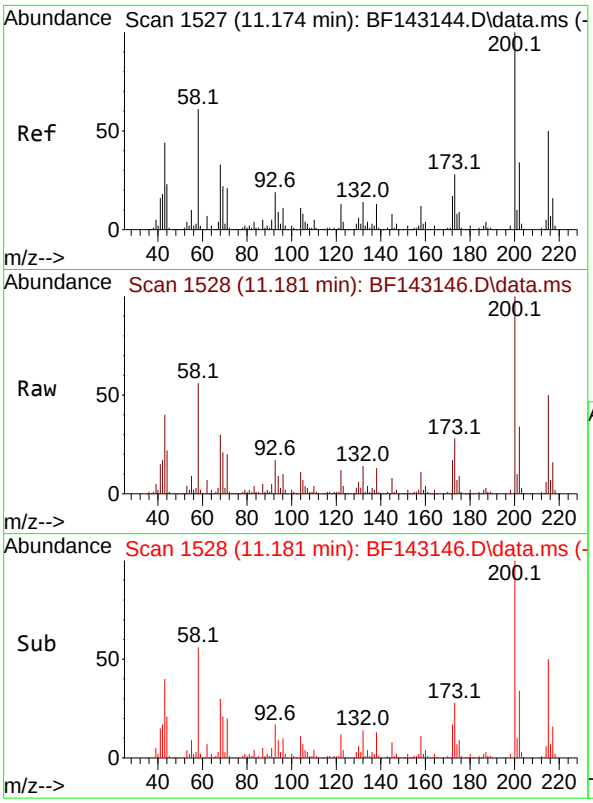


#68
Hexachlorobenzene
Concen: 59.054 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:284 Resp: 325779

Ion	Ratio	Lower	Upper
284	100		
142	30.9	27.0	40.6
249	30.1	25.0	37.6



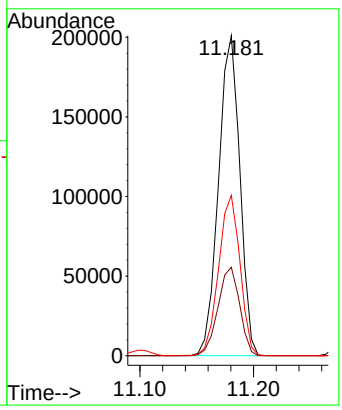


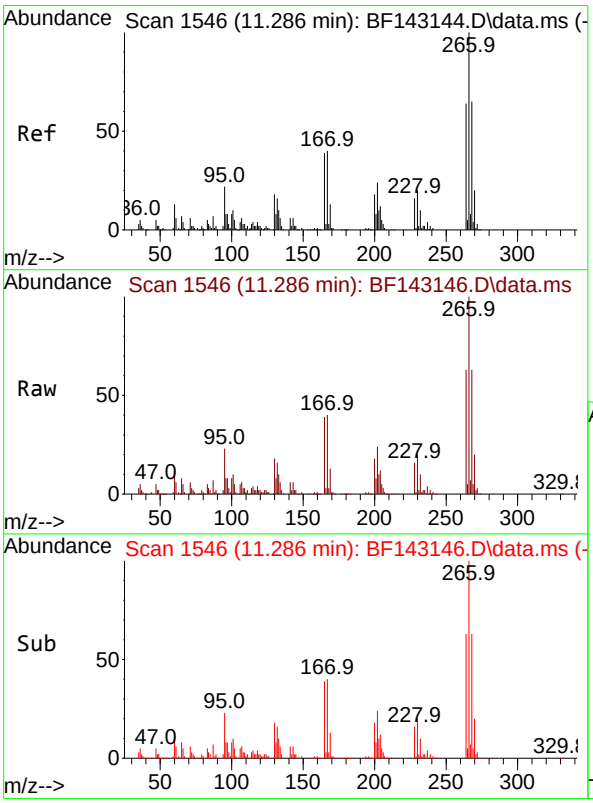
#69
Atrazine
Concen: 61.024 ng
RT: 11.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 262374

Ion	Ratio	Lower	Upper
200	100		
173	27.6	7.9	47.9
215	50.1	30.1	70.1

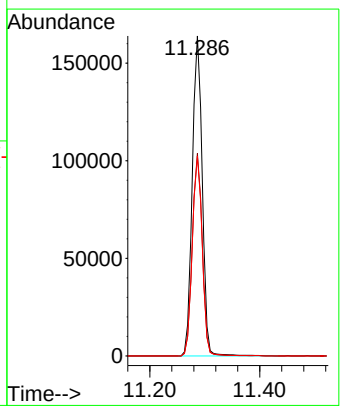


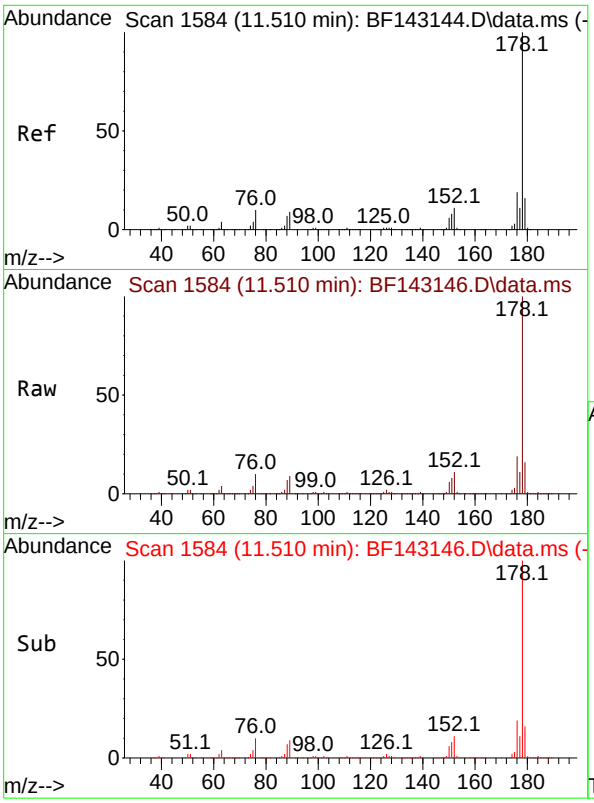


#70
Pentachlorophenol
Concen: 63.625 ng
RT: 11.286 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:266 Resp: 206417

Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.9	77.9
264	62.5	51.0	76.6



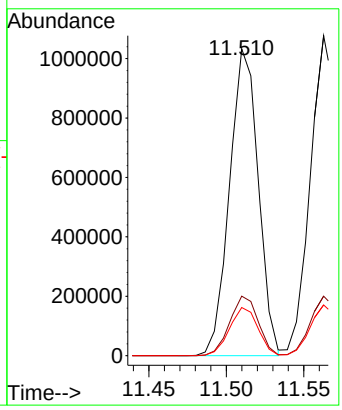


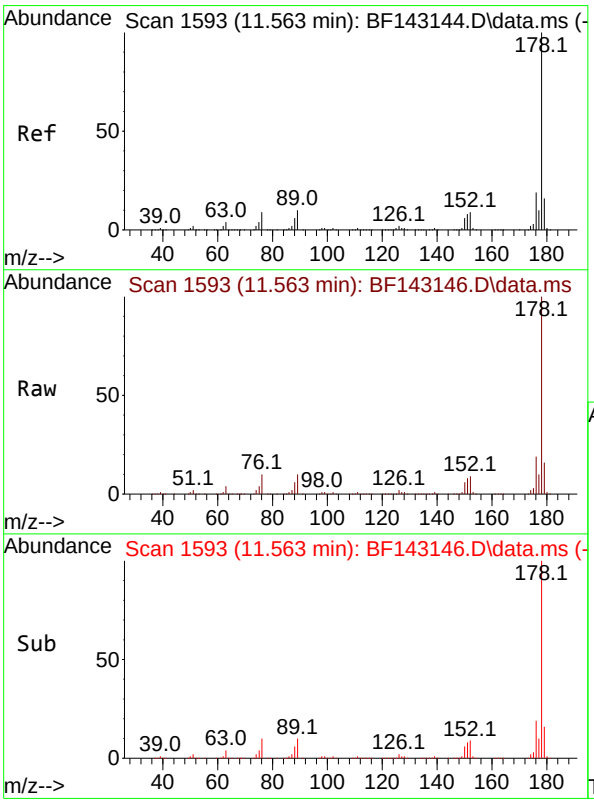
#71
Phenanthrene
Concen: 56.620 ng
RT: 11.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 1331485

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.7	12.5	18.7

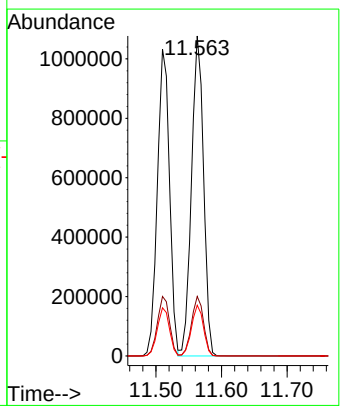


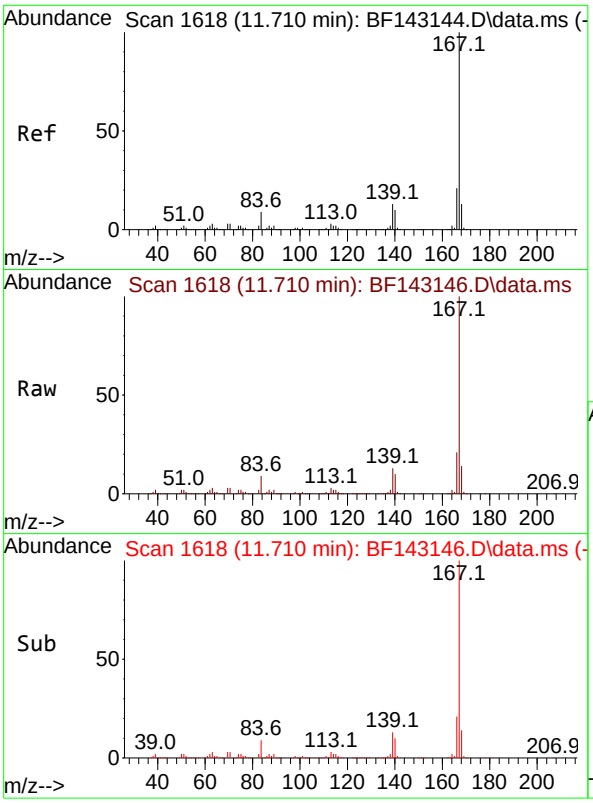


#72
Anthracene
Concen: 57.522 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:178 Resp: 1379601

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.8	12.5	18.7



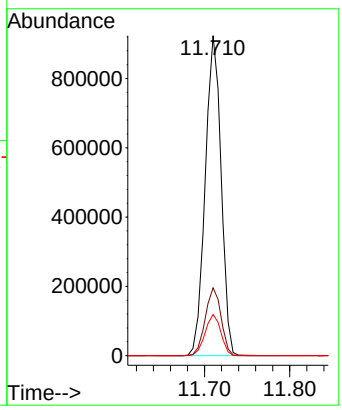


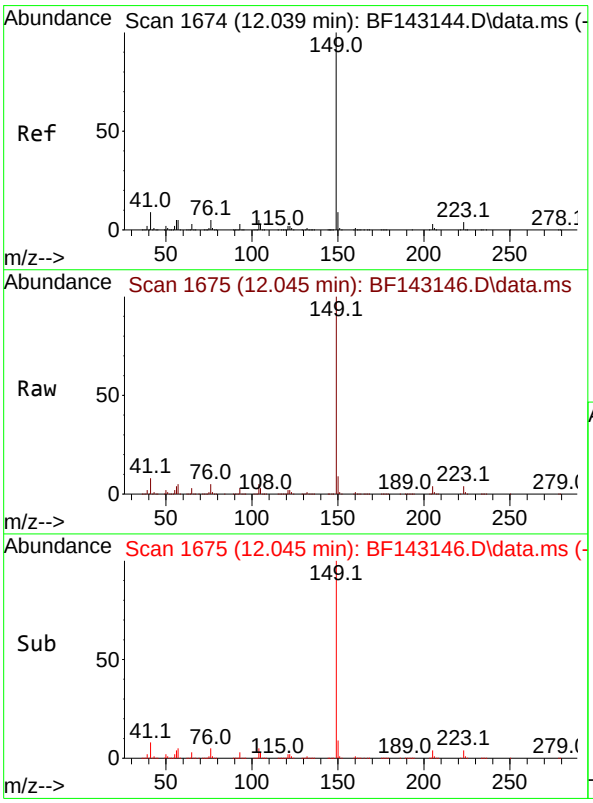
#73
Carbazole
Concen: 57.015 ng
RT: 11.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp: 1194026

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	12.9	10.0	15.0

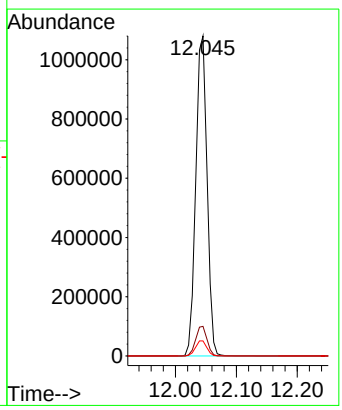


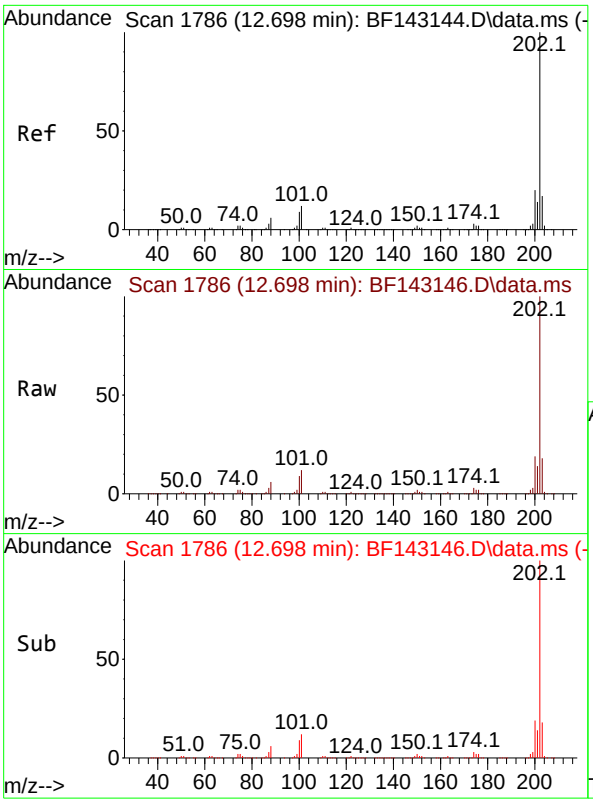


#74
Di-n-butylphthalate
Concen: 58.757 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 1392335

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.7	3.8	5.8



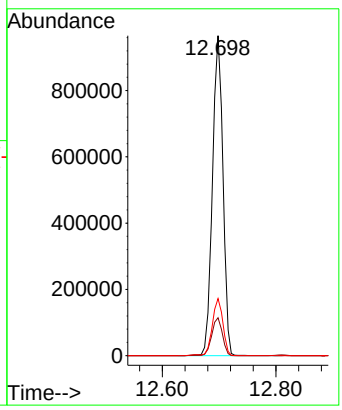


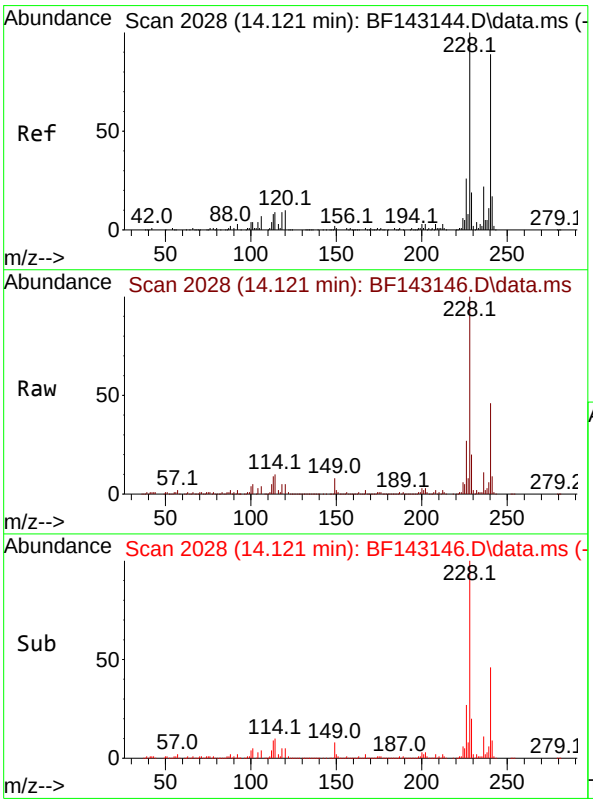
#75
Fluoranthene
Concen: 57.122 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 1232952

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.7
203	17.8	0.0	37.4

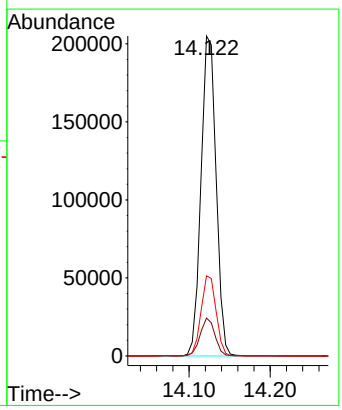


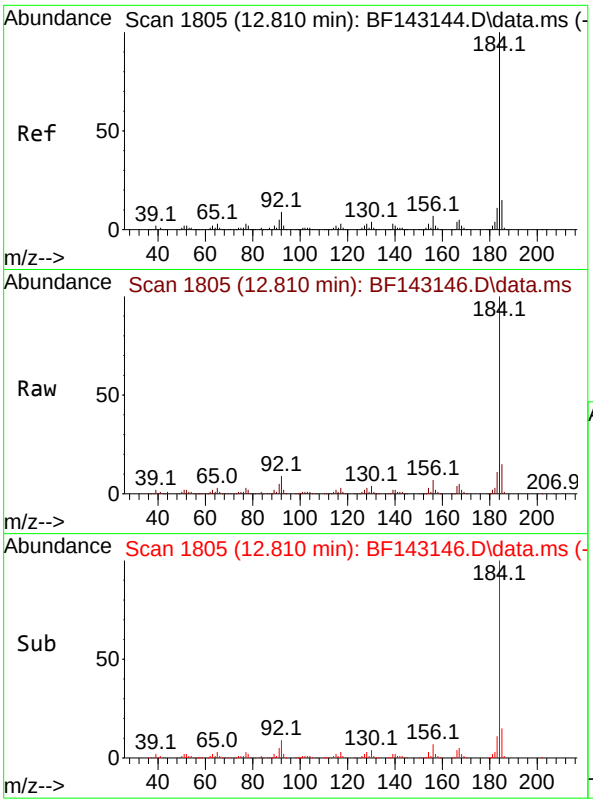


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:240 Resp: 264384

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.4	14.2
236	25.1	20.2	30.4



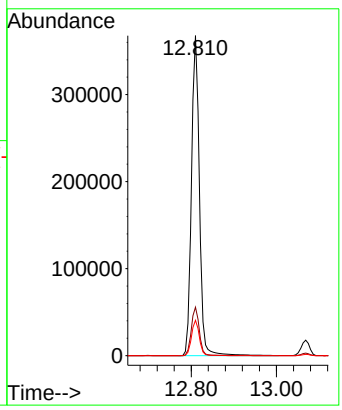


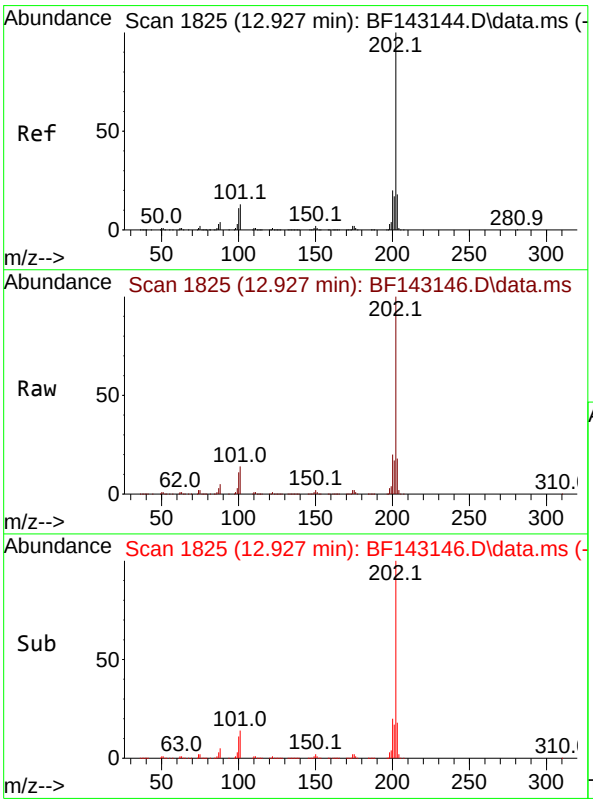
#77
Benzidine
Concen: 46.785 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 476553

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.2	18.4
183	11.0	9.0	13.4

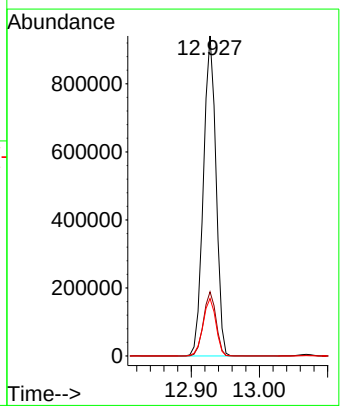


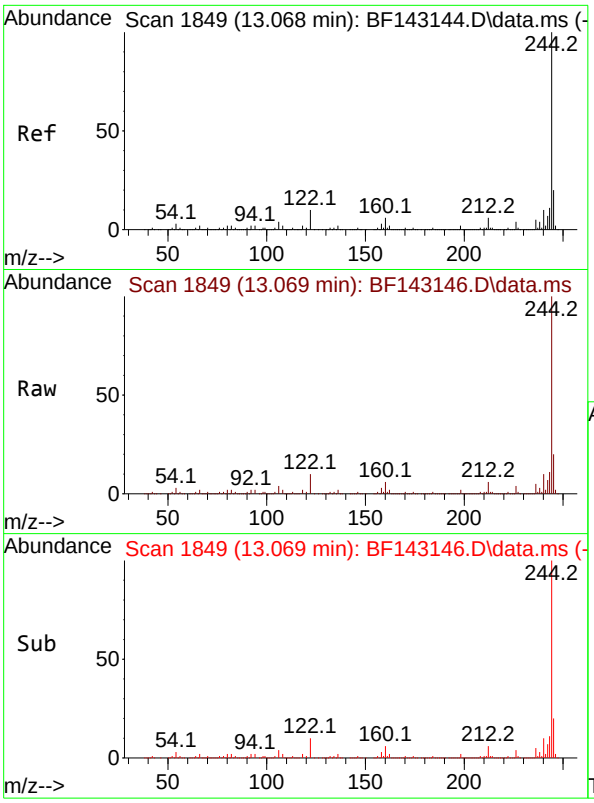


#78
Pyrene
Concen: 53.536 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:202 Resp: 1207978

Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.7	23.5
203	18.0	14.2	21.2



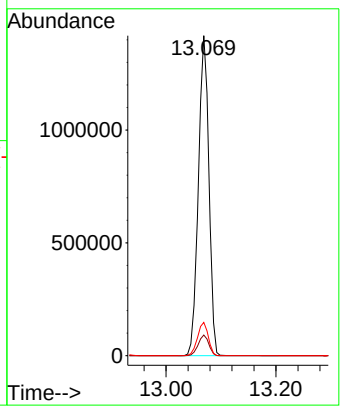


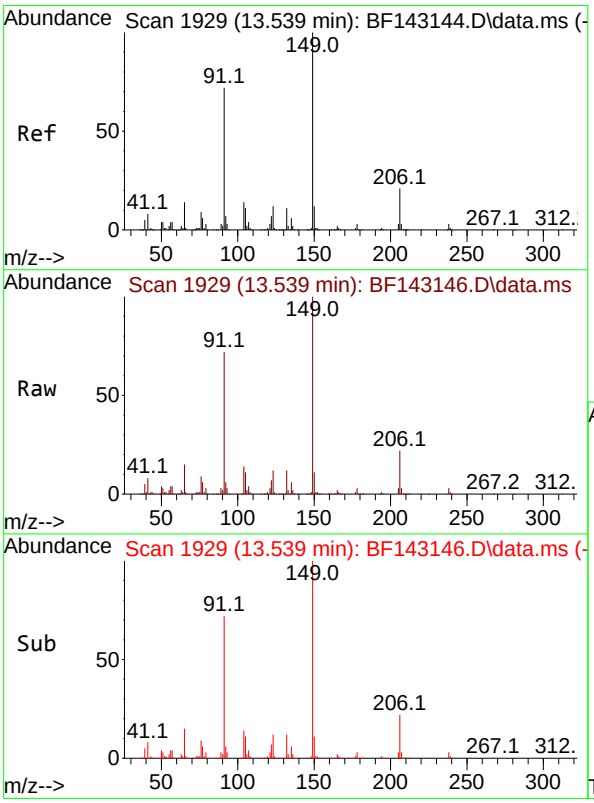
#79
Terphenyl-d14
Concen: 106.298 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp: 1888544

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	10.4	8.2	12.2

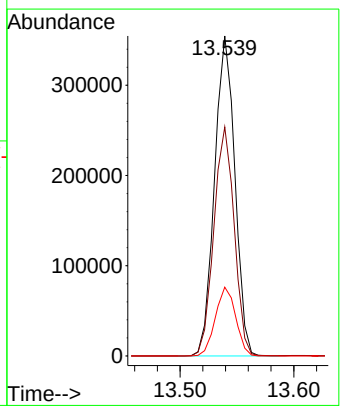


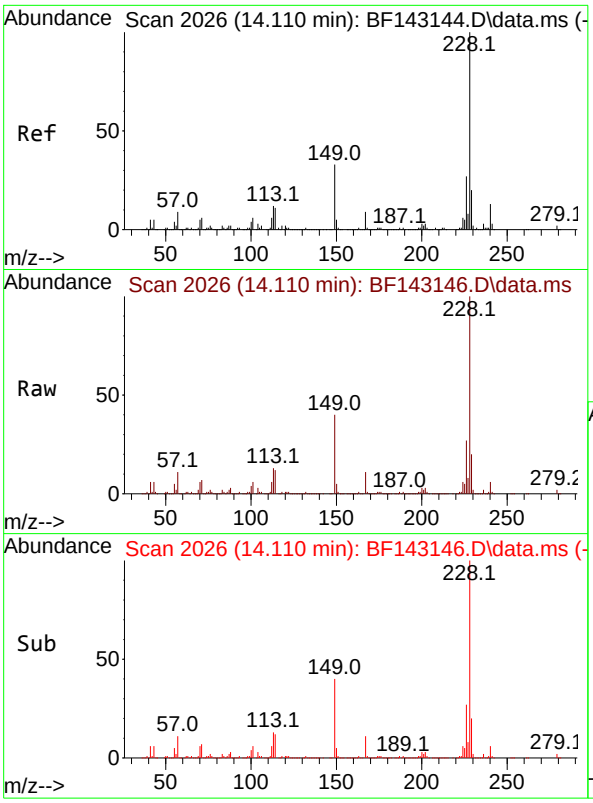


#80
Butylbenzylphthalate
Concen: 63.875 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 441334

Ion	Ratio	Lower	Upper
149	100		
91	71.6	57.9	86.9
206	21.5	17.0	25.4



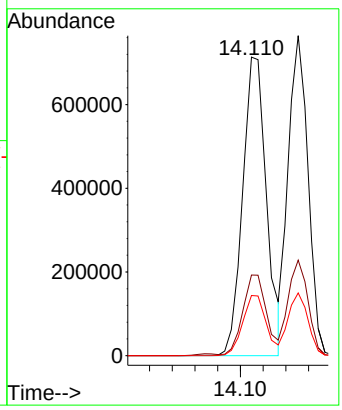


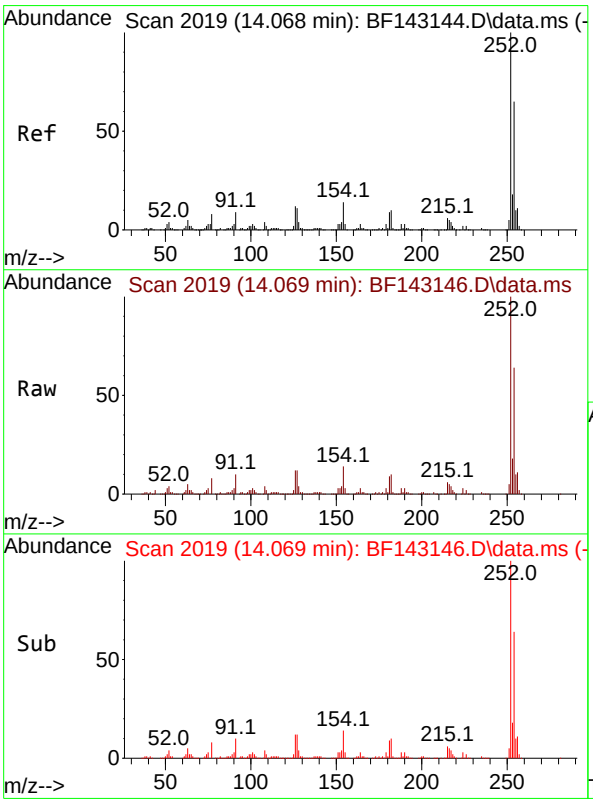
#81
Benzo(a)anthracene
Concen: 58.825 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 1041236

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.7	32.5
229	20.2	15.8	23.6

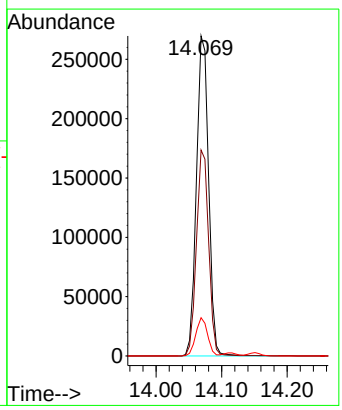


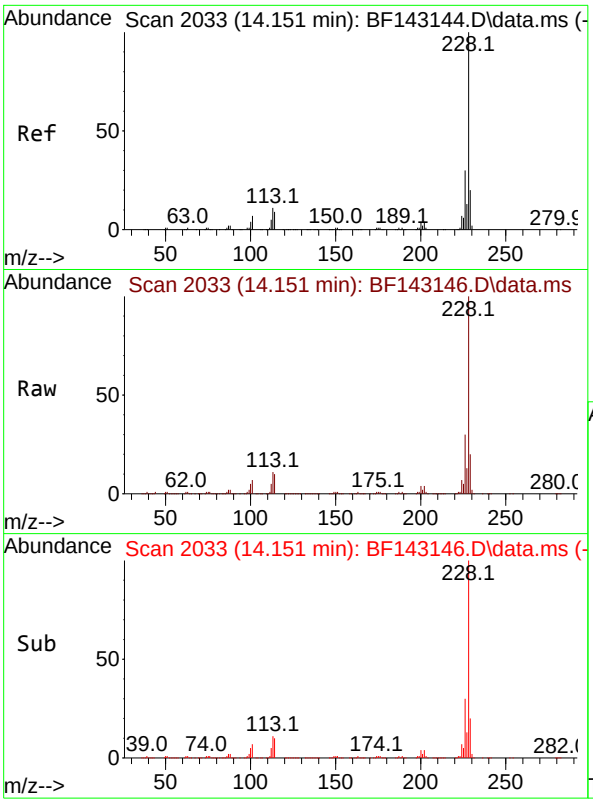


#82
3,3'-Dichlorobenzidine
Concen: 59.155 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:252 Resp: 348979

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.7	77.5
126	12.0	9.4	14.0



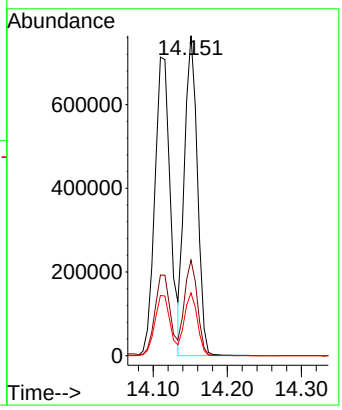


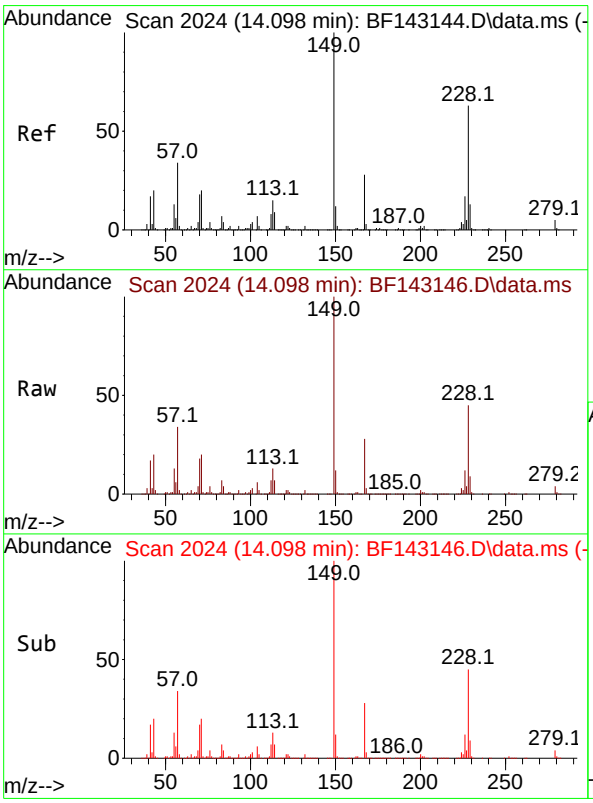
#83
Chrysene
Concen: 58.472 ng
RT: 14.151 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 930545

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.8
229	19.6	15.6	23.4

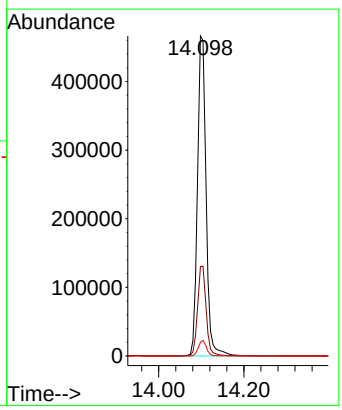


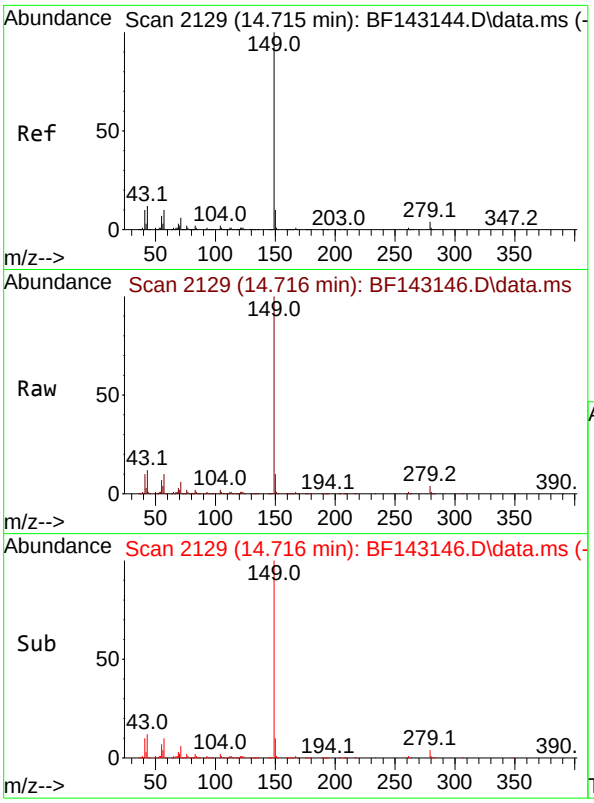


#84
Bis(2-ethylhexyl)phthalate
Concen: 62.678 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 655482

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.3	33.5
279	4.3	3.6	5.4



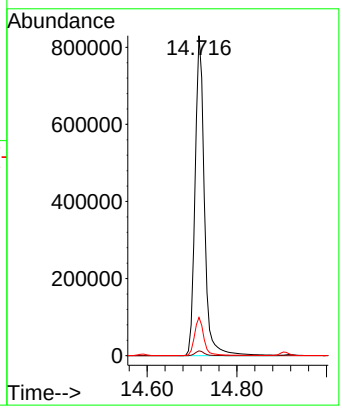


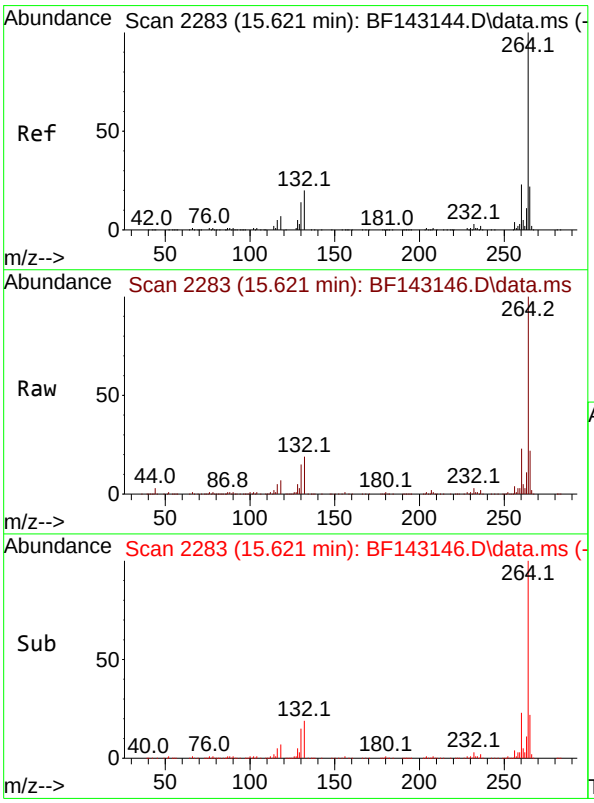
#85
Di-n-octyl phthalate
Concen: 63.095 ng
RT: 14.716 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 1196044

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	12.0	9.7	14.5

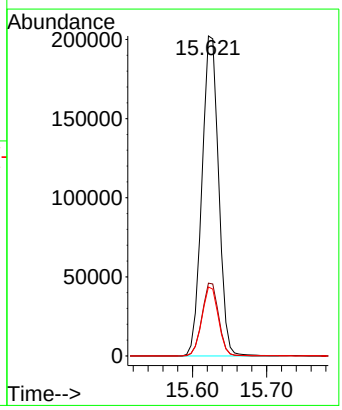


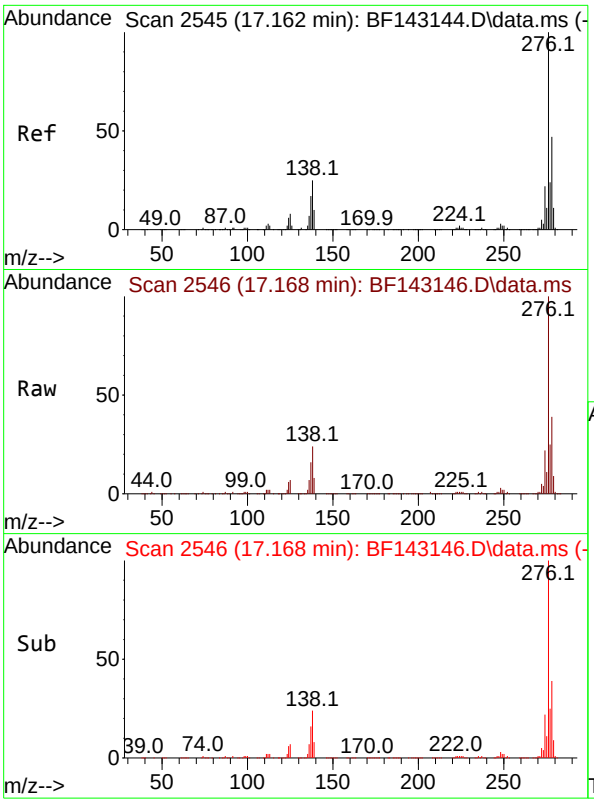


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:264 Resp: 315904

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.5	27.7
265	21.5	17.4	26.2



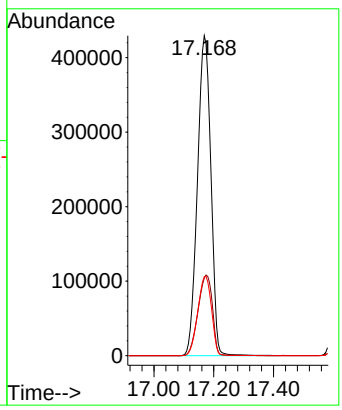


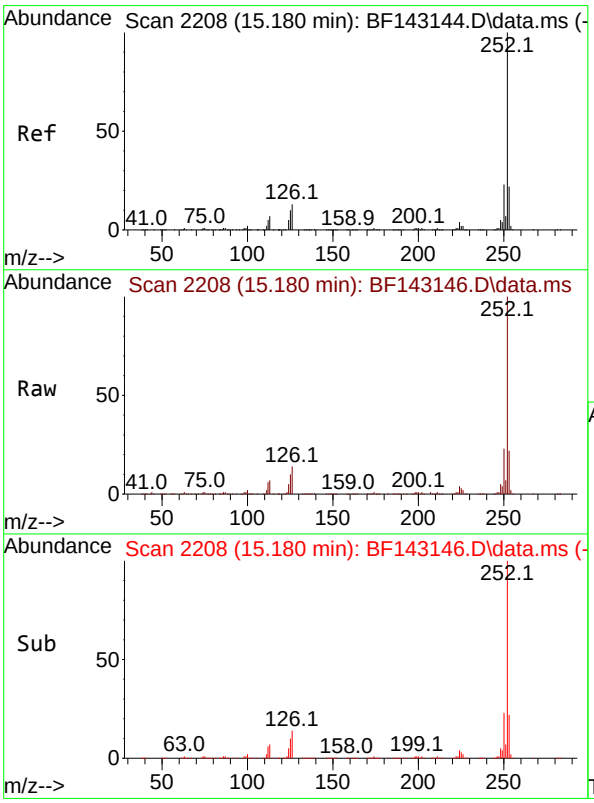
#87
Indeno(1,2,3-cd)pyrene
Concen: 60.037 ng
RT: 17.168 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 1337361

Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.8	32.6
277	25.4	20.0	30.0

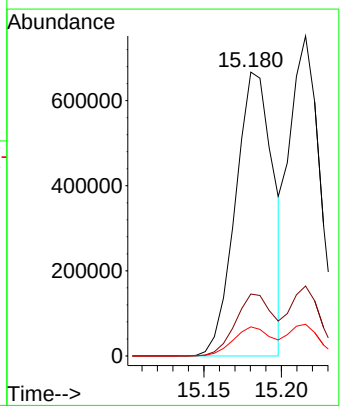


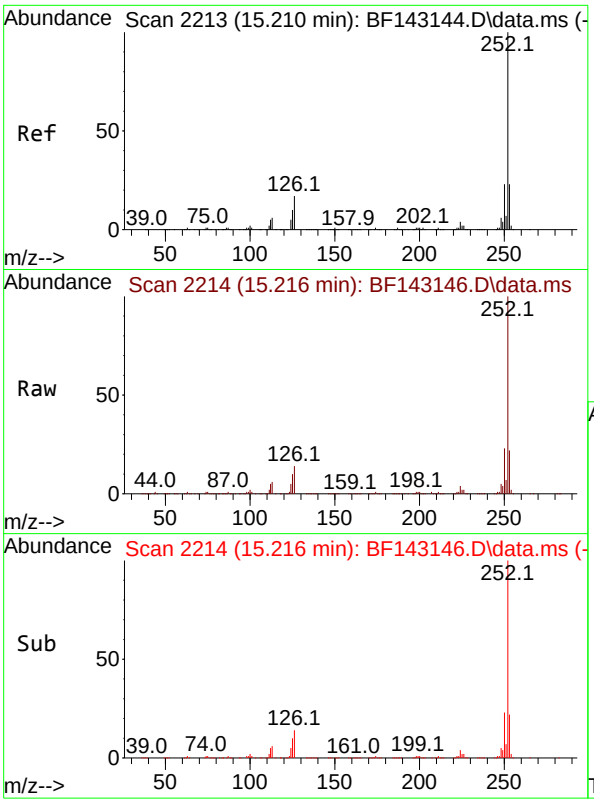


#88
Benzo(b)fluoranthene
Concen: 58.328 ng
RT: 15.180 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:252 Resp: 1125667

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	10.3	8.0	12.0



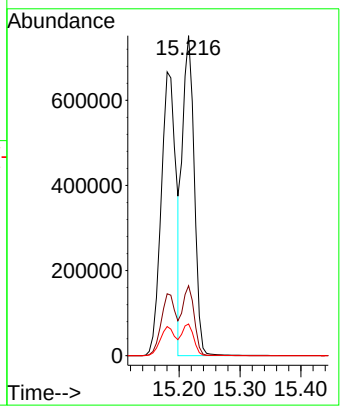


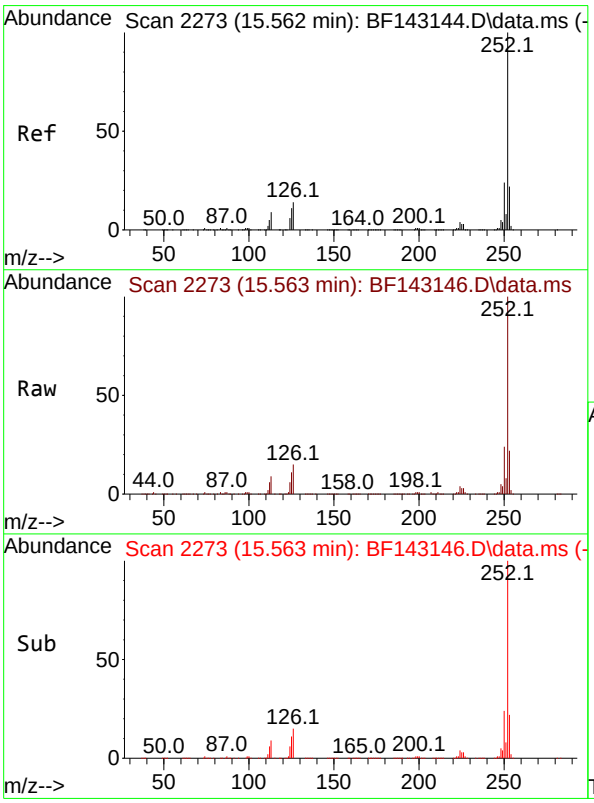
#89
Benzo(k)fluoranthene
Concen: 59.411 ng
RT: 15.216 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 1023132

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	9.9	8.1	12.1

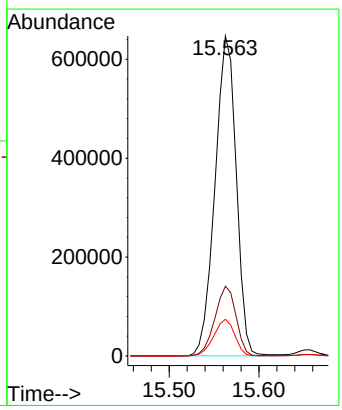


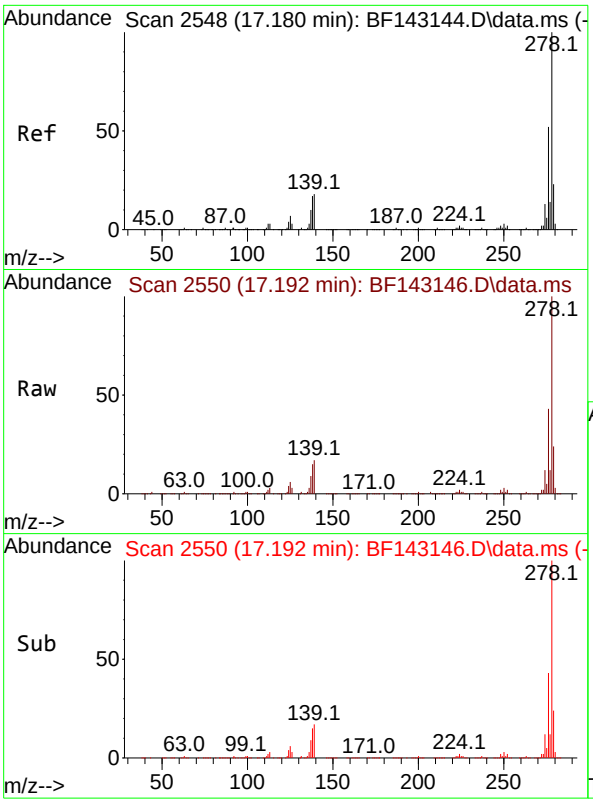


#90
Benzo(a)pyrene
Concen: 59.730 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:252 Resp: 1062049

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	11.5	8.6	13.0



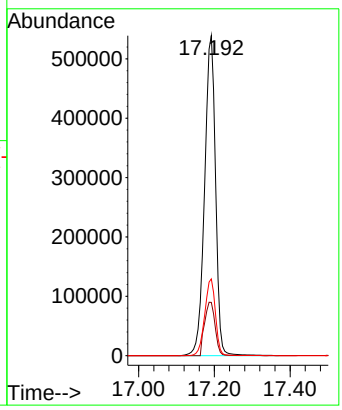


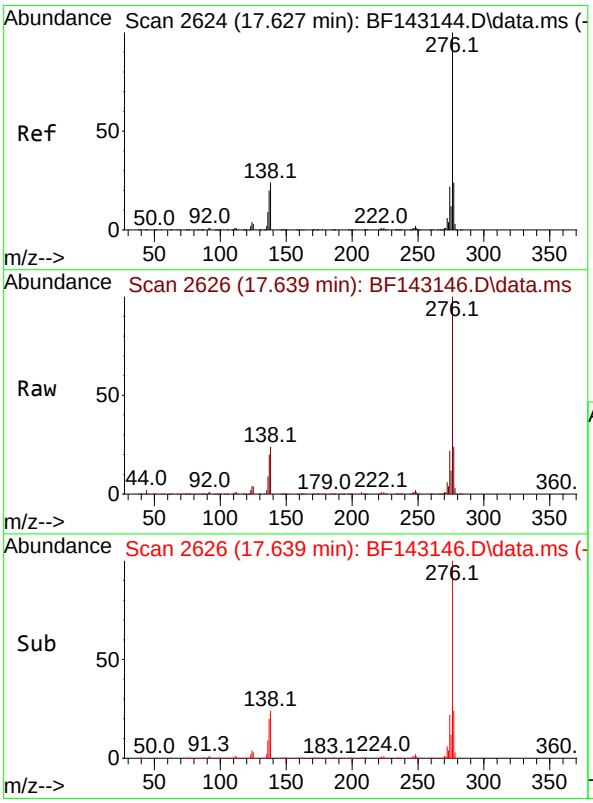
#91
Dibenzo(a,h)anthracene
Concen: 59.610 ng
RT: 17.192 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 1080768

Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.1	21.1
279	24.0	18.6	28.0

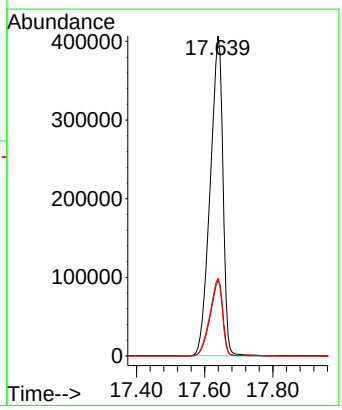




#92
Benzo(g,h,i)perylene
Concen: 60.163 ng
RT: 17.639 min Scan# 2626
Delta R.T. 0.012 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:276 Resp: 1055168

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	24.2	18.9	28.3



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143147.D
Acq On : 17 Jul 2025 14:34
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Jul 17 15:05:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	145034	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	544516	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	275619	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	429046	20.000	ng		0.00
76) Chrysene-d12	14.127	240	245351	20.000	ng		0.00
86) Perylene-d12	15.627	264	296687	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	1300344	141.880	ng		0.00
7) Phenol-d6	6.593	99	1639937	142.159	ng		0.00
23) Nitrobenzene-d5	7.534	82	1644581	150.551	ng		0.01
42) 2,4,6-Tribromophenol	10.792	330	437054	153.498	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	2623071	130.157	ng		0.00
79) Terphenyl-d14	13.069	244	2202828	133.606	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	323993	74.710	ng		99
3) Pyridine	3.569	79	842446	74.844	ng		99
4) n-Nitrosodimethylamine	3.528	42	445612	76.677	ng		97
6) Aniline	6.628	93	1170943	72.831	ng		98
8) 2-Chlorophenol	6.751	128	699193	72.781	ng		99
9) Benzaldehyde	6.516	77	493544	57.055	ng		99
10) Phenol	6.610	94	927252	73.783	ng		88
11) bis(2-Chloroethyl)ether	6.698	93	697645	72.503	ng		100
12) 1,3-Dichlorobenzene	6.910	146	734699	70.400	ng		100
13) 1,4-Dichlorobenzene	6.987	146	739462	70.360	ng		99
14) 1,2-Dichlorobenzene	7.140	146	709300	70.958	ng		100
15) Benzyl Alcohol	7.104	79	661847	75.139	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.240	45	1265589	70.902	ng		99
17) 2-Methylphenol	7.210	107	595477	73.719	ng		99
18) Hexachloroethane	7.481	117	266665	73.293	ng		99
19) n-Nitroso-di-n-propyla...	7.387	70	528820	71.452	ng		99
20) 3+4-Methylphenols	7.369	107	673906	68.763	ng	#	87
22) Acetophenone	7.375	105	890890	69.107	ng	#	95
24) Nitrobenzene	7.551	77	751964	73.836	ng		100
25) Isophorone	7.792	82	1453353	75.366	ng		99
26) 2-Nitrophenol	7.863	139	364951	82.568	ng		100
27) 2,4-Dimethylphenol	7.898	122	649144	72.050	ng		99
28) bis(2-Chloroethoxy)met...	7.992	93	834021	72.134	ng		99
29) 2,4-Dichlorophenol	8.104	162	558665	73.527	ng		99
30) 1,2,4-Trichlorobenzene	8.187	180	588333	71.673	ng		99
31) Naphthalene	8.269	128	1854387	69.150	ng		100
32) Benzoic acid	8.028	122	409976	77.395	ng		99
33) 4-Chloroaniline	8.310	127	787243	71.895	ng		98
34) Hexachlorobutadiene	8.392	225	368327	73.453	ng		99
35) Caprolactam	8.698	113	178271	77.644	ng		96
36) 4-Chloro-3-methylphenol	8.792	107	614048	74.354	ng		99
37) 2-Methylnaphthalene	8.957	142	1137176	69.687	ng		100
38) 1-Methylnaphthalene	9.057	142	1168702	69.550	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	568070	71.389	ng		99
41) Hexachlorocyclopentadiene	9.122	237	412756	79.719	ng		100
43) 2,4,6-Trichlorophenol	9.234	196	412148	74.838	ng		100

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143147.D
Acq On : 17 Jul 2025 14:34
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Jul 17 15:05:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	423565	76.888	ng		99
46) 1,1'-Biphenyl	9.428	154	1492094	69.388	ng		100
47) 2-Chloronaphthalene	9.451	162	1131626	71.122	ng		100
48) 2-Nitroaniline	9.534	65	404023	80.971	ng		96
49) Acenaphthylene	9.869	152	1868062	70.057	ng		100
50) Dimethylphthalate	9.728	163	1288559	71.723	ng		99
51) 2,6-Dinitrotoluene	9.781	165	292718	80.093	ng		99
52) Acenaphthene	10.039	154	1120315	71.086	ng		99
53) 3-Nitroaniline	9.951	138	333980	78.128	ng		98
54) 2,4-Dinitrophenol	10.051	184	133446	80.516	ng	#	40
55) Dibenzofuran	10.210	168	1615399	69.038	ng		99
56) 4-Nitrophenol	10.098	139	252698	79.161	ng		99
57) 2,4-Dinitrotoluene	10.186	165	376124	82.029	ng		96
58) Fluorene	10.551	166	1197731	68.203	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	340118	74.533	ng		100
60) Diethylphthalate	10.422	149	1276217	71.870	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	614962	70.326	ng		99
62) 4-Nitroaniline	10.569	138	291926	79.680	ng		98
63) Azobenzene	10.704	77	1318720	71.255	ng		99
65) 4,6-Dinitro-2-methylph...	10.592	198	186415	78.948	ng		98
66) n-Nitrosodiphenylamine	10.663	169	1087990	72.014	ng		98
67) 4-Bromophenyl-phenylether	11.033	248	382122	74.734	ng		98
68) Hexachlorobenzene	11.104	284	399107	74.680	ng		96
69) Atrazine	11.180	200	324126	77.819	ng		99
70) Pentachlorophenol	11.286	266	257176	81.829	ng		98
71) Phenanthrene	11.516	178	1602208	70.331	ng		100
72) Anthracene	11.563	178	1641264	70.640	ng		100
73) Carbazole	11.710	167	1435444	70.754	ng		99
74) Di-n-butylphthalate	12.045	149	1699503	74.034	ng		100
75) Fluoranthene	12.698	202	1498103	71.645	ng		99
77) Benzidine	12.810	184	496717	52.548	ng		100
78) Pyrene	12.927	202	1466205	70.021	ng		100
80) Butylbenzylphthalate	13.539	149	521631	81.353	ng		99
81) Benzo(a)anthracene	14.116	228	1212056	73.788	ng		100
82) 3,3'-Dichlorobenzidine	14.074	252	393448	71.867	ng		99
83) Chrysene	14.151	228	1105636	74.863	ng		100
84) Bis(2-ethylhexyl)phtha...	14.104	149	774366	79.790	ng		99
85) Di-n-octyl phthalate	14.716	149	1434055	81.519	ng		99
87) Indeno(1,2,3-cd)pyrene	17.174	276	1604969	76.718	ng		99
88) Benzo(b)fluoranthene	15.186	252	1438518	79.367	ng		100
89) Benzo(k)fluoranthene	15.216	252	1111726	68.737	ng		100
90) Benzo(a)pyrene	15.568	252	1269253	76.006	ng		99
91) Dibenzo(a,h)anthracene	17.198	278	1289789	75.746	ng		99
92) Benzo(g,h,i)perylene	17.645	276	1265778	76.846	ng		100

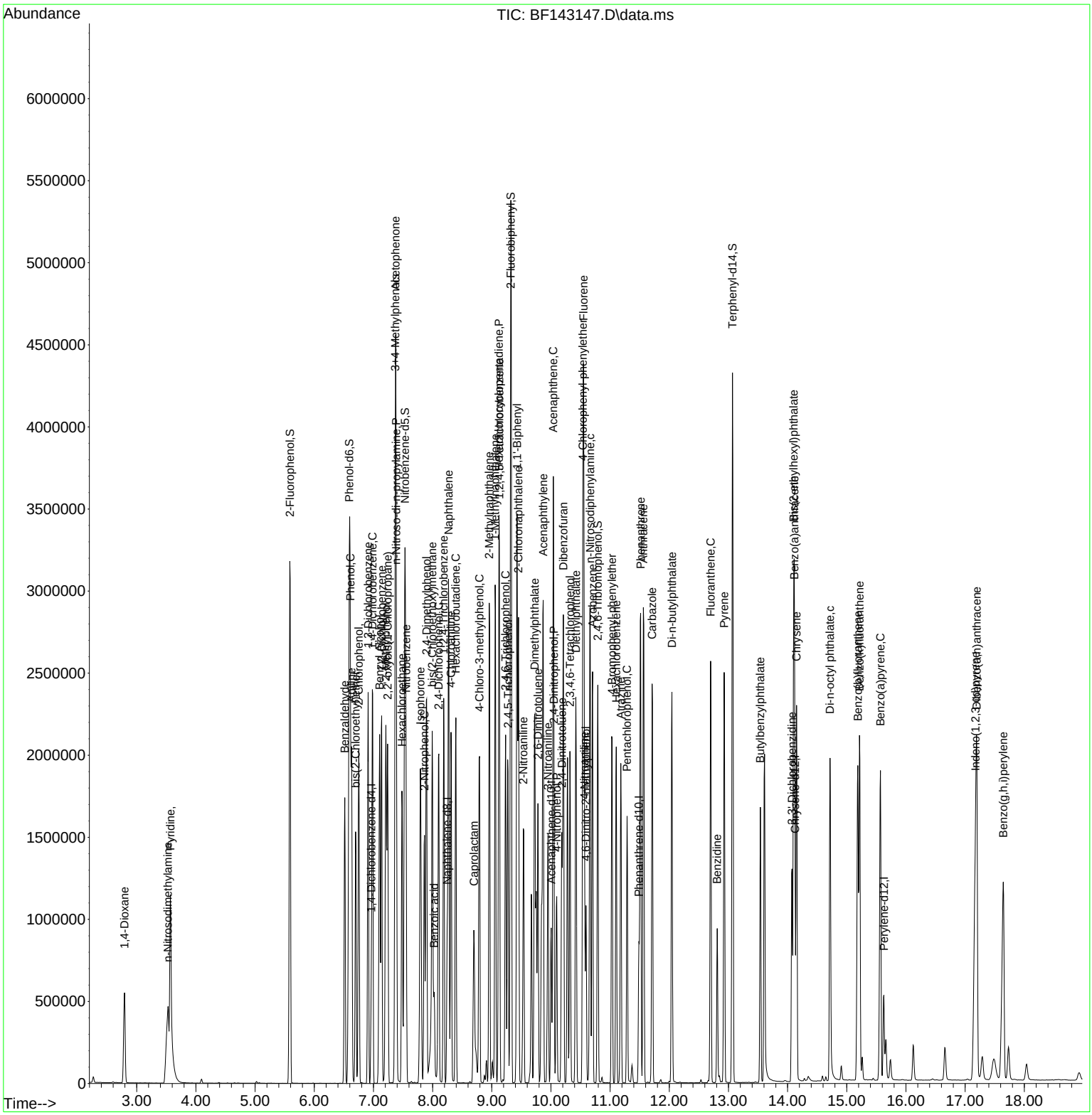
(#) = qualifier out of range (m) = manual integration (+) = signals summed

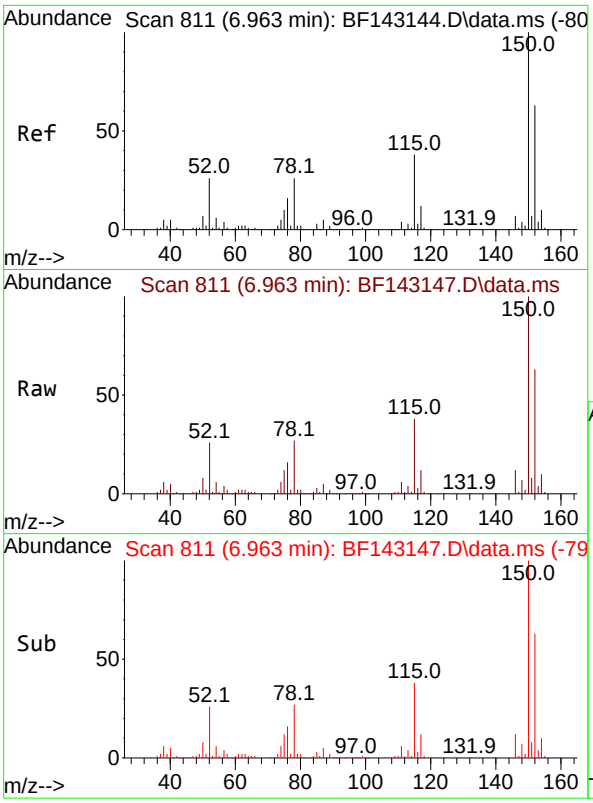
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143147.D
Acq On : 17 Jul 2025 14:34
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Jul 17 15:05:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration



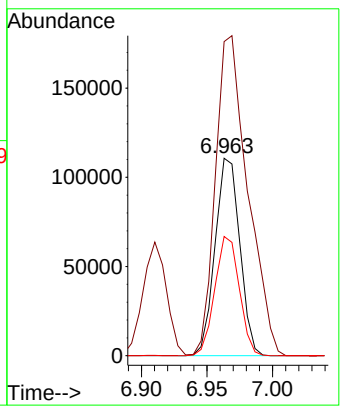


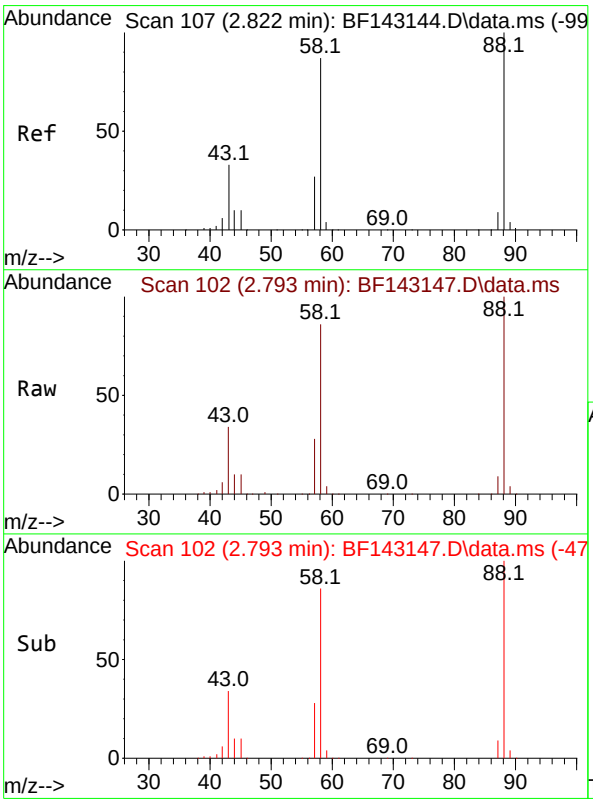
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 145034

Ion	Ratio	Lower	Upper
152	100		
150	159.0	128.2	192.4
115	60.4	47.9	71.9

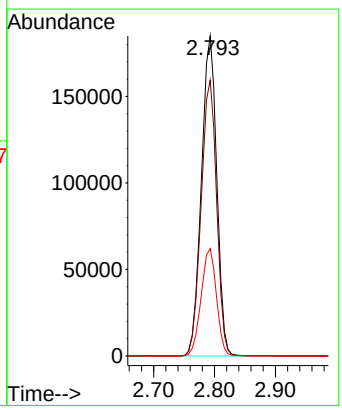


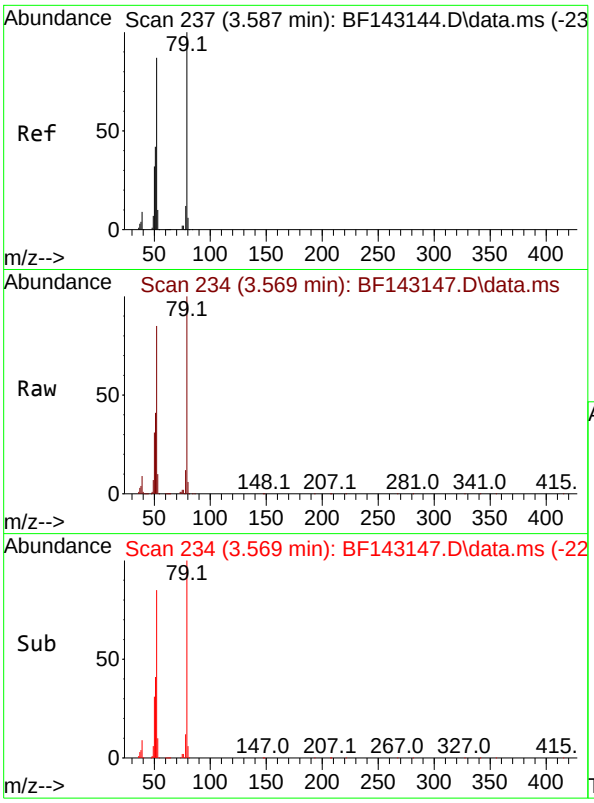


#2
1,4-Dioxane
Concen: 74.710 ng
RT: 2.793 min Scan# 102
Delta R.T. -0.029 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 88 Resp: 323993

Ion	Ratio	Lower	Upper
88	100		
58	86.8	70.2	105.2
43	33.6	27.1	40.7



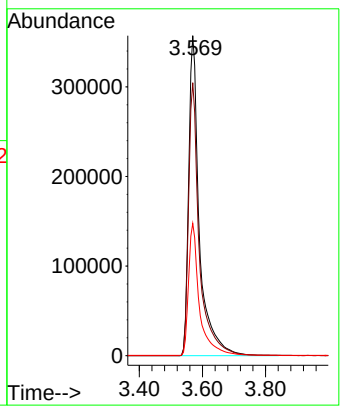


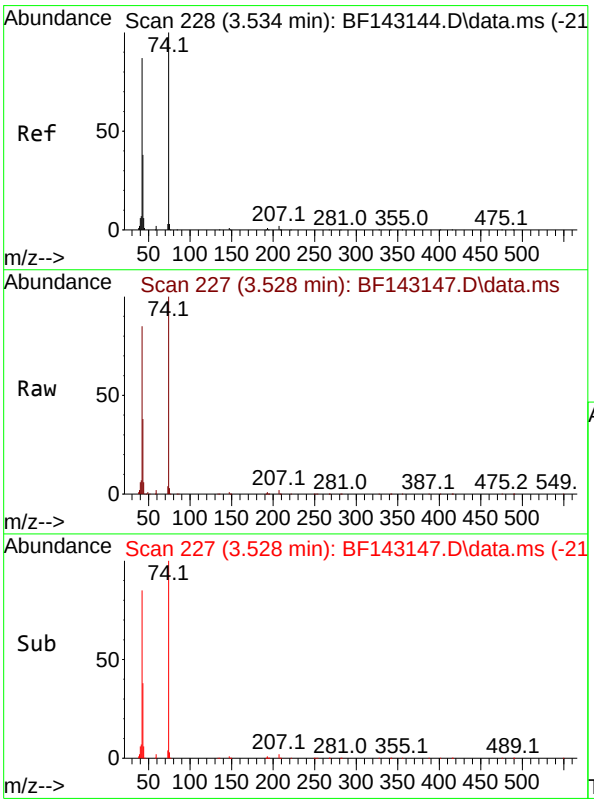
#3
Pyridine
Concen: 74.844 ng
RT: 3.569 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 842446

Ion	Ratio	Lower	Upper
79	100		
52	85.3	69.4	104.2
51	41.4	33.5	50.3

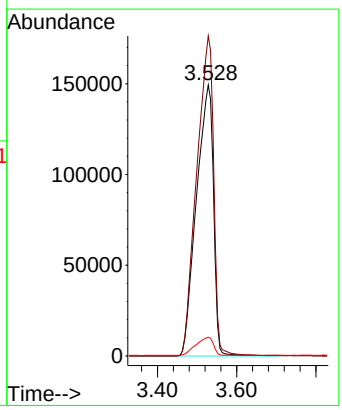


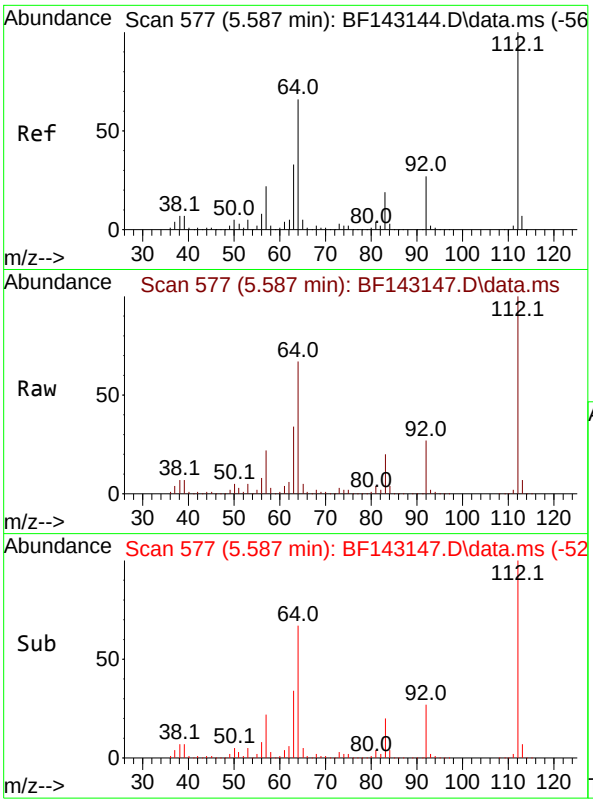


#4
n-Nitrosodimethylamine
Concen: 76.677 ng
RT: 3.528 min Scan# 227
Delta R.T. -0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 42 Resp: 445612

Ion	Ratio	Lower	Upper
42	100		
74	118.0	91.7	137.5
44	6.9	5.6	8.4



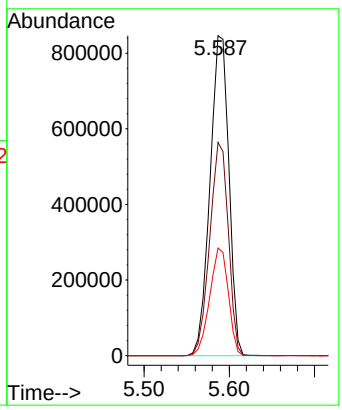


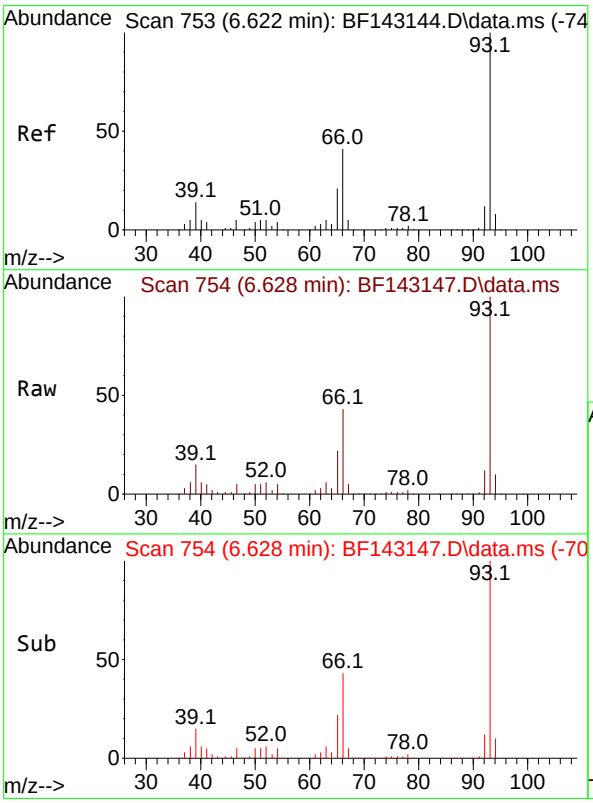
#5
2-Fluorophenol
Concen: 141.880 ng
RT: 5.587 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 1300344

Ion	Ratio	Lower	Upper
112	100		
64	66.6	53.1	79.7
63	33.6	26.6	40.0

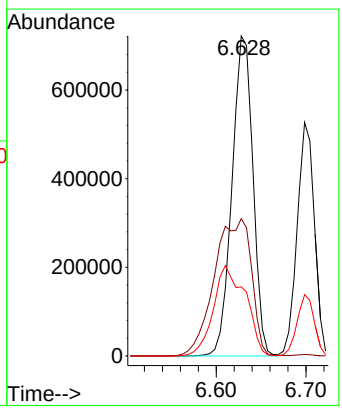


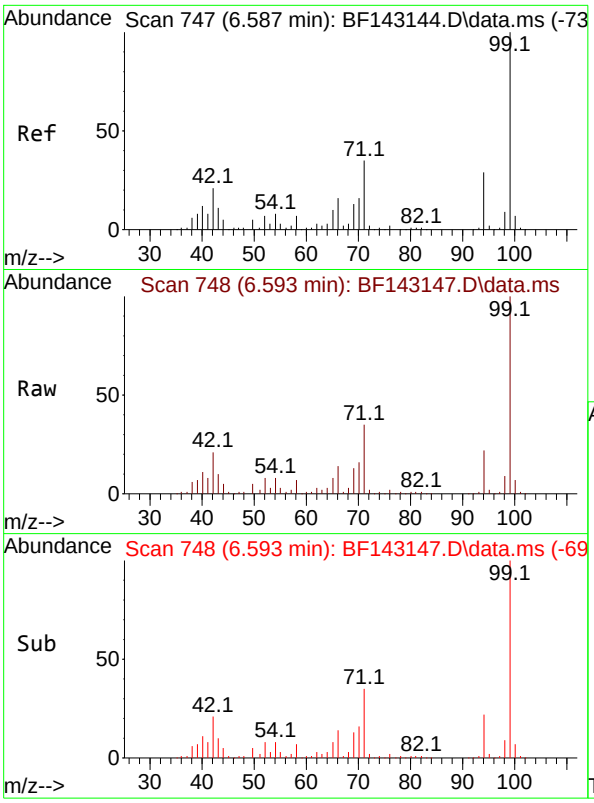


#6
Aniline
Concen: 72.831 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 93 Resp: 1170943

Ion	Ratio	Lower	Upper
93	100		
66	42.9	33.2	49.8
65	21.6	16.9	25.3



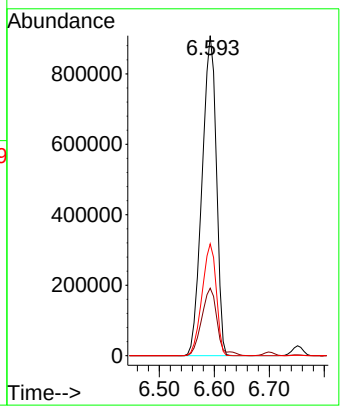


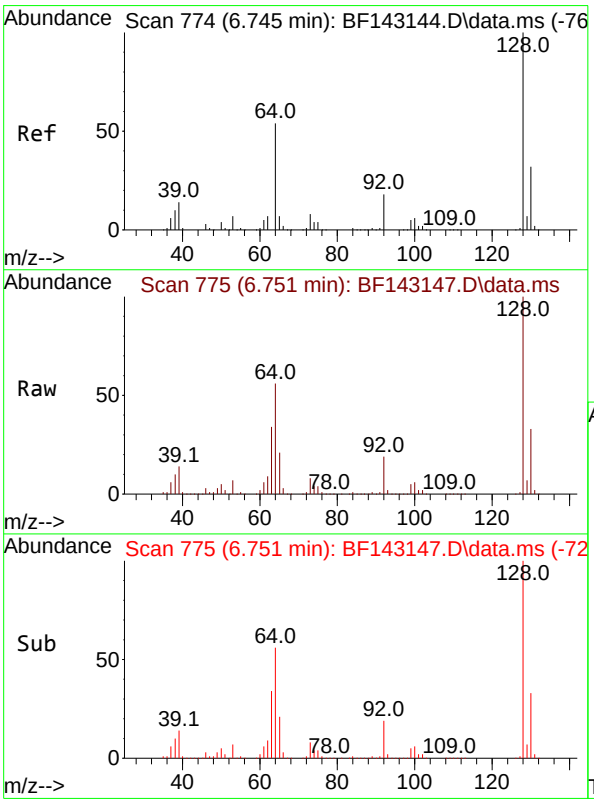
#7
Phenol-d6
Concen: 142.159 ng
RT: 6.593 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 1639937

Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.0	25.6
71	35.0	27.7	41.5

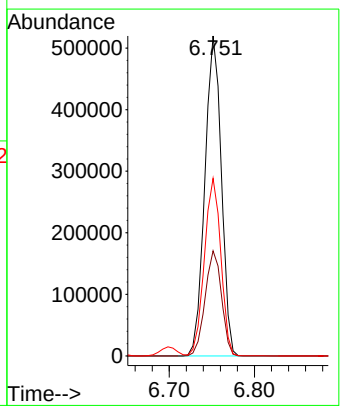


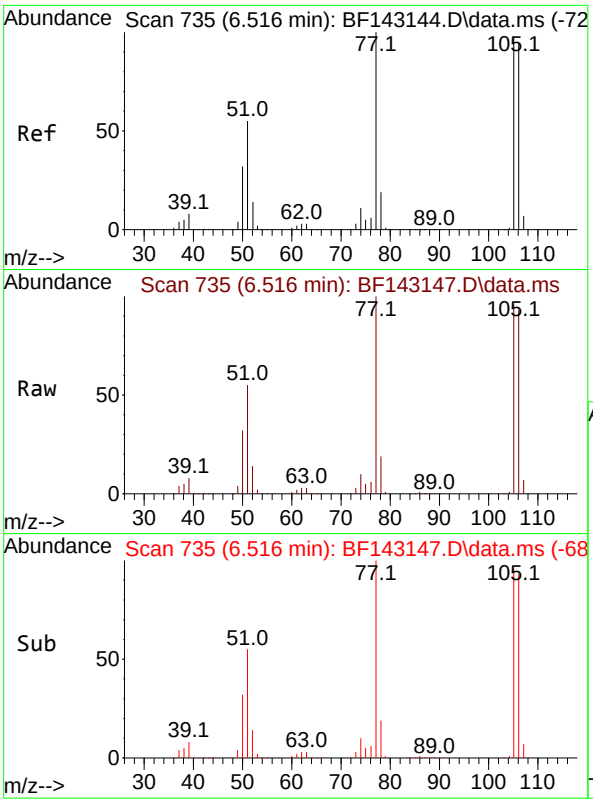


#8
2-Chlorophenol
Concen: 72.781 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:128 Resp: 699193

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.3	52.3
64	55.5	35.9	75.9



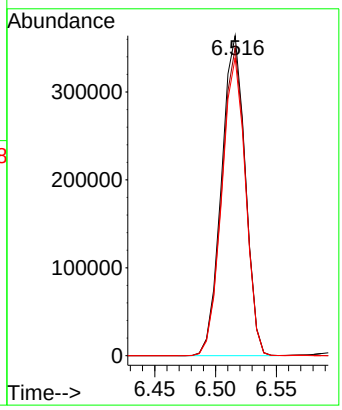


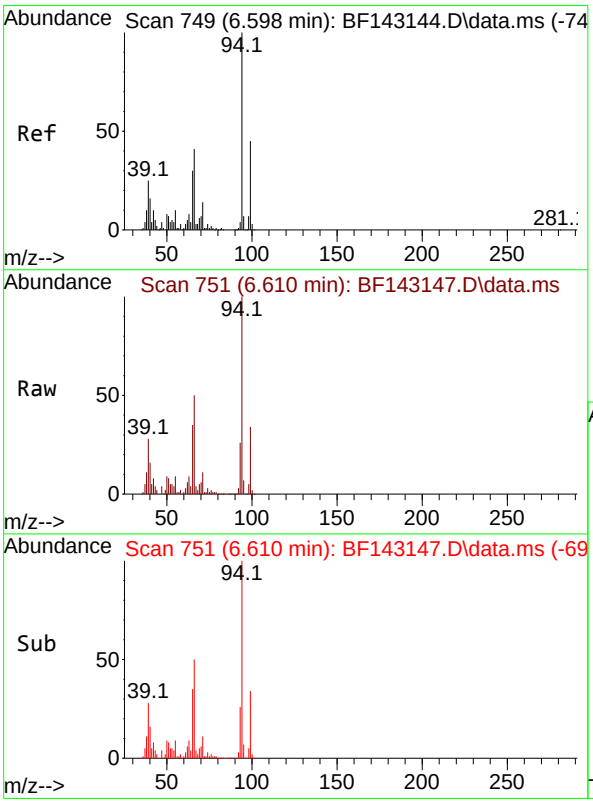
#9
Benzaldehyde
Concen: 57.055 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 493544

Ion	Ratio	Lower	Upper
77	100		
105	96.2	76.8	116.8
106	93.1	74.4	114.4

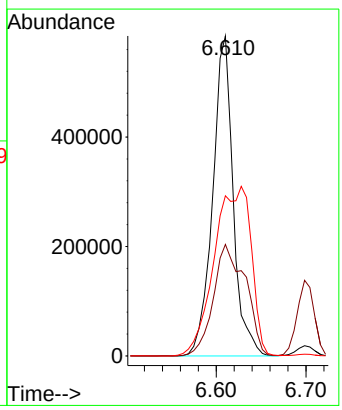


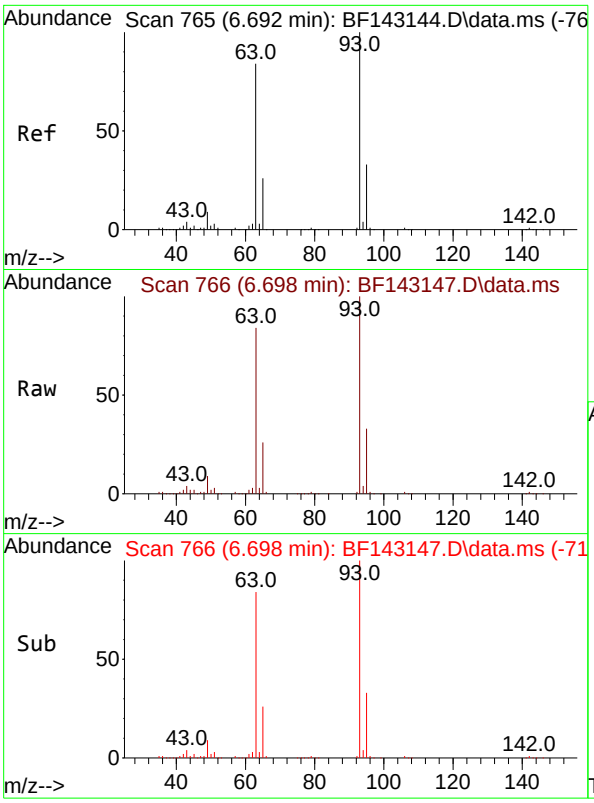


#10
Phenol
Concen: 73.783 ng
RT: 6.610 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 94 Resp: 927252

Ion	Ratio	Lower	Upper
94	100		
65	34.9	10.0	50.0
66	50.1	20.8	60.8



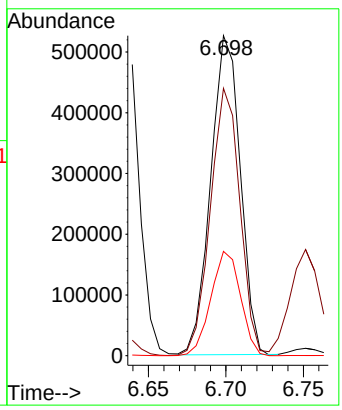


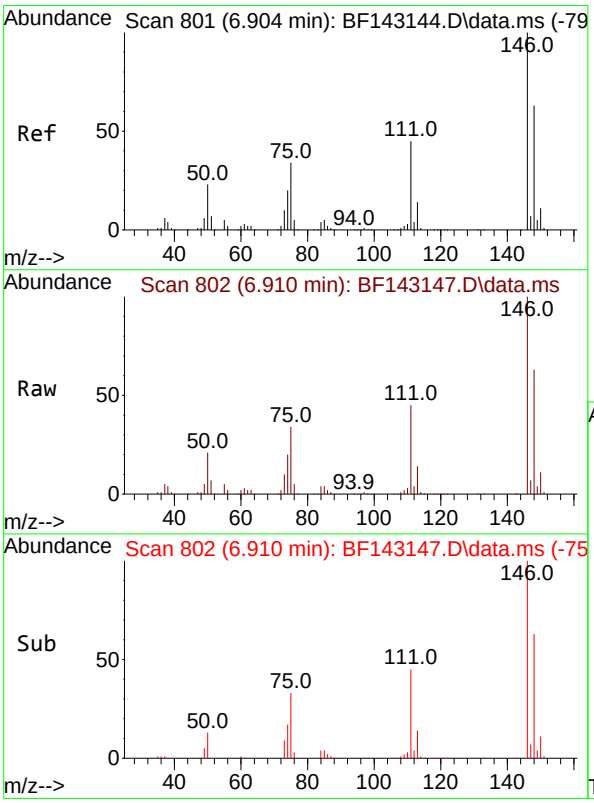
#11
bis(2-Chloroethyl)ether
Concen: 72.503 ng
RT: 6.698 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 697645

Ion	Ratio	Lower	Upper
93	100		
63	83.6	63.4	103.4
95	32.6	12.4	52.4

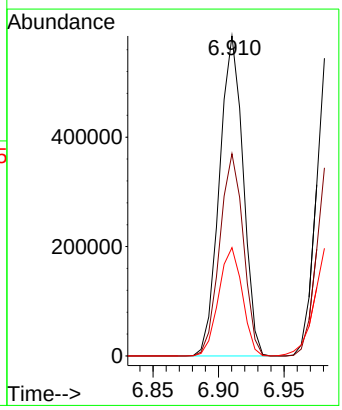


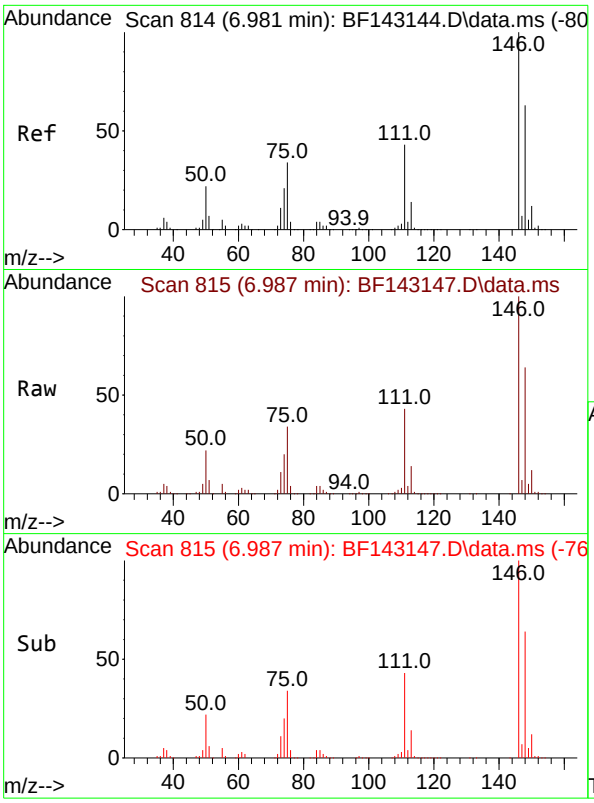


#12
1,3-Dichlorobenzene
Concen: 70.400 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:146 Resp: 734699

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	76.0
75	33.9	27.4	41.2



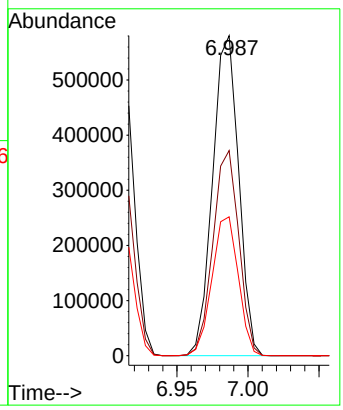


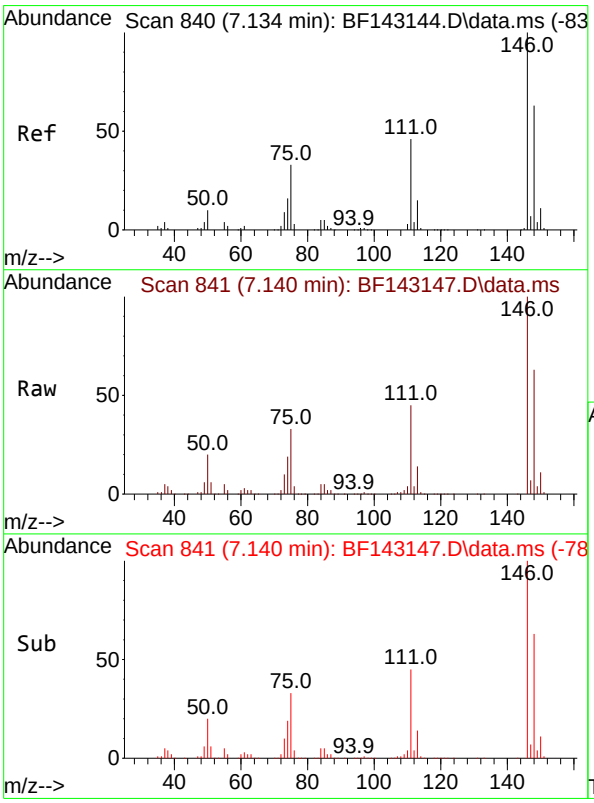
#13
1,4-Dichlorobenzene
Concen: 70.360 ng
RT: 6.987 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 739462

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.3	75.5
111	43.4	34.4	51.6

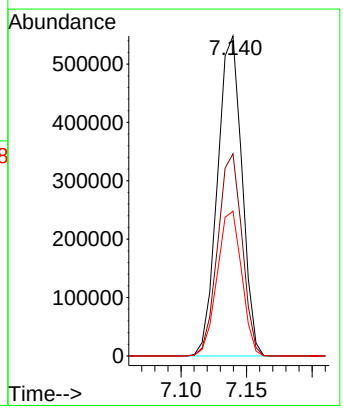


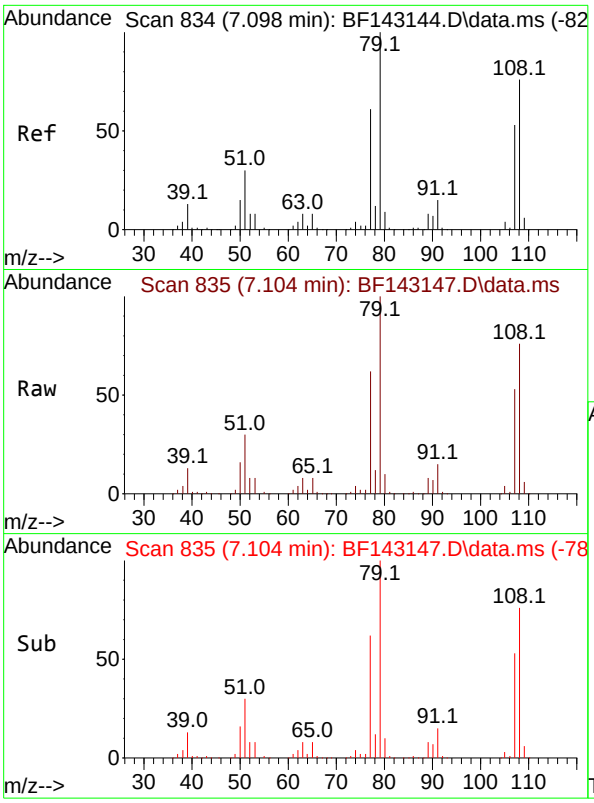


#14
1,2-Dichlorobenzene
Concen: 70.958 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:146 Resp: 709300

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.7	76.1
111	45.3	36.6	54.8



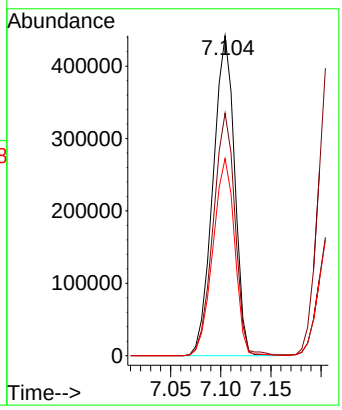


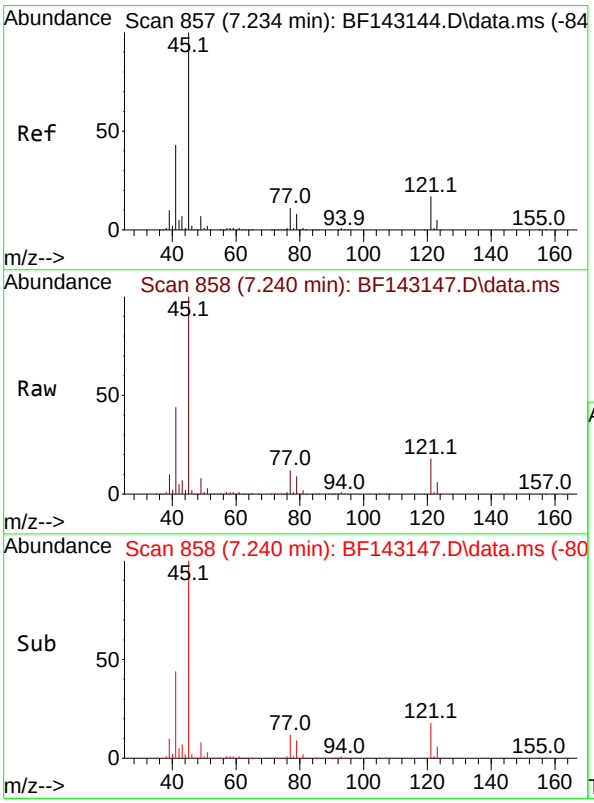
#15
Benzyl Alcohol
Concen: 75.139 ng
RT: 7.104 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 661847

Ion	Ratio	Lower	Upper
79	100		
108	75.8	61.1	91.7
77	61.6	48.9	73.3

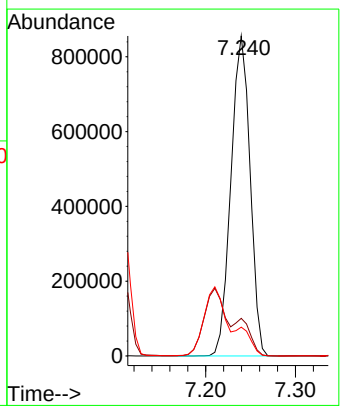


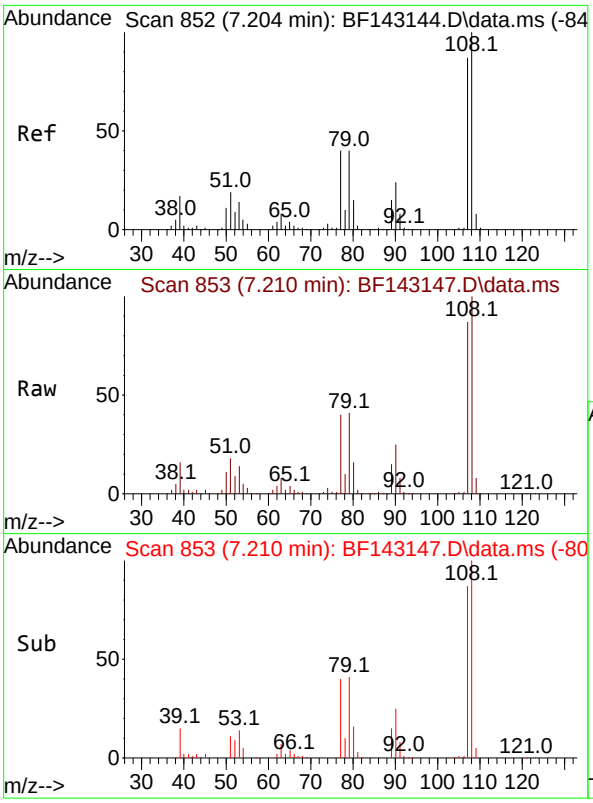


#16
2,2'-oxybis(1-Chloropropane)
Concen: 70.902 ng
RT: 7.240 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 45 Resp: 1265589

Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	31.2
79	9.0	0.0	28.5



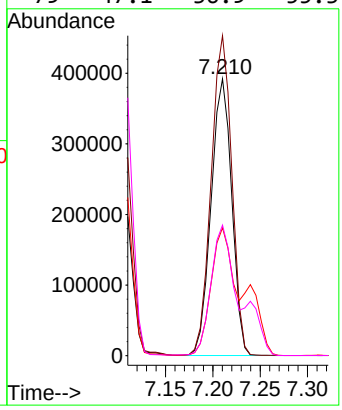


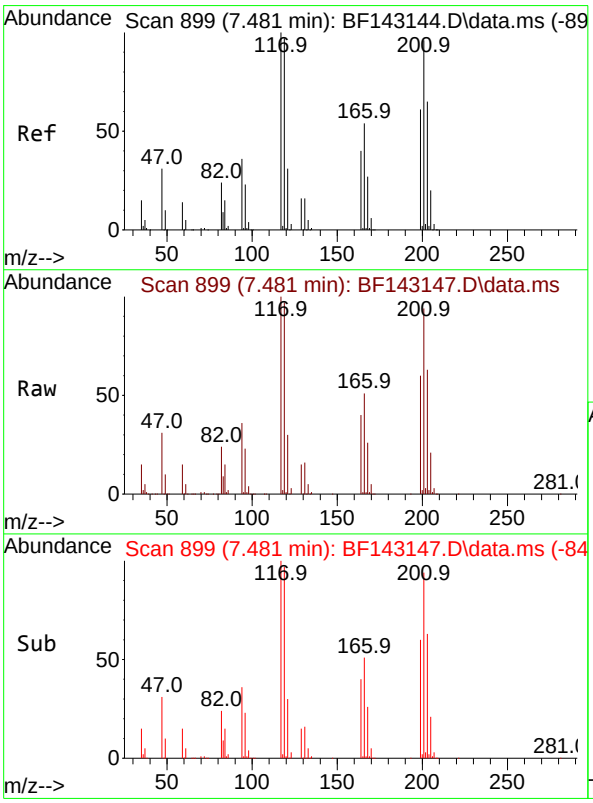
#17
2-Methylphenol
Concen: 73.719 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 595477

Ion	Ratio	Lower	Upper
107	100		
108	115.6	91.8	137.6
77	46.2	37.0	55.6
79	47.1	36.9	55.3

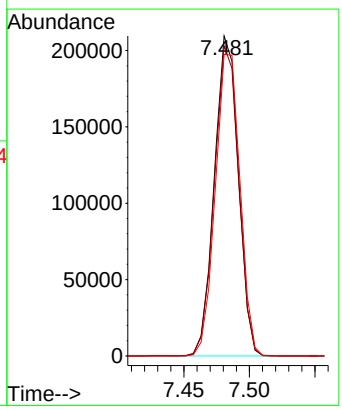


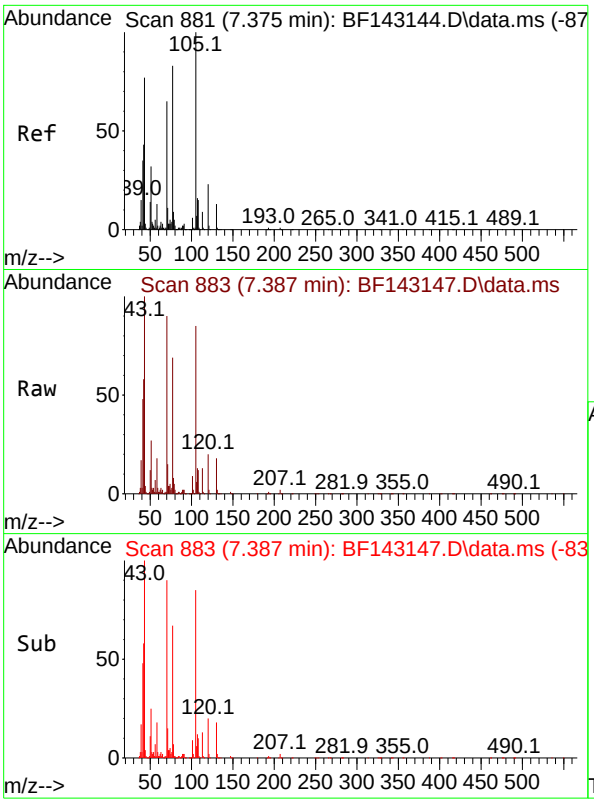


#18
Hexachloroethane
Concen: 73.293 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:117 Resp: 266665

Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.8	116.8
201	94.3	77.0	115.4



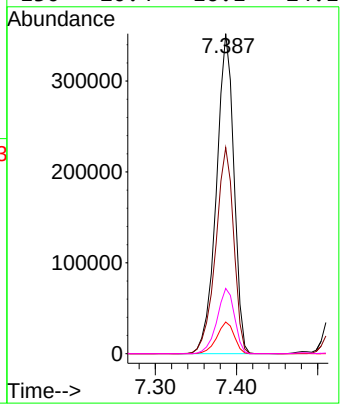


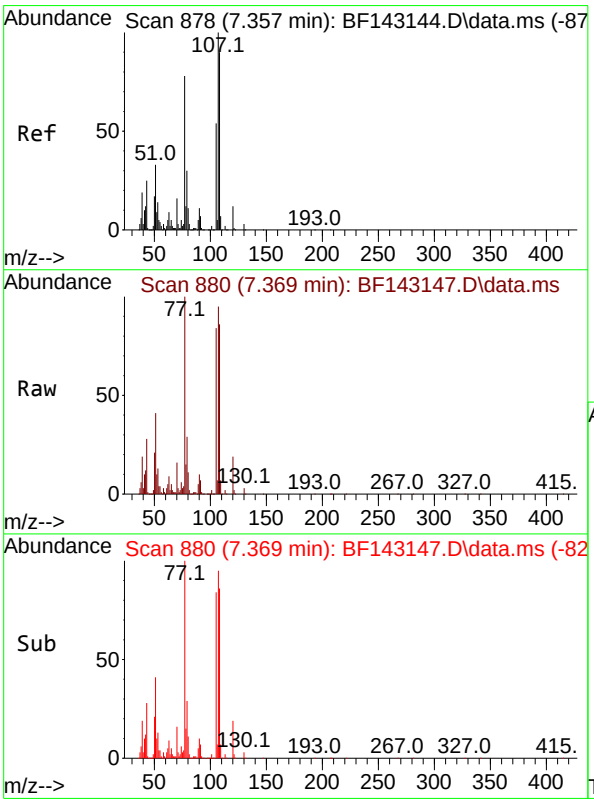
#19
n-Nitroso-di-n-propylamine
Concen: 71.452 ng
RT: 7.387 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 70 Resp: 528820

Ion	Ratio	Lower	Upper
70	100		
42	64.4	52.5	78.7
101	9.9	7.6	11.4
130	20.4	16.1	24.1

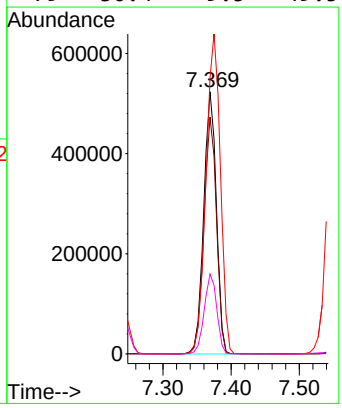


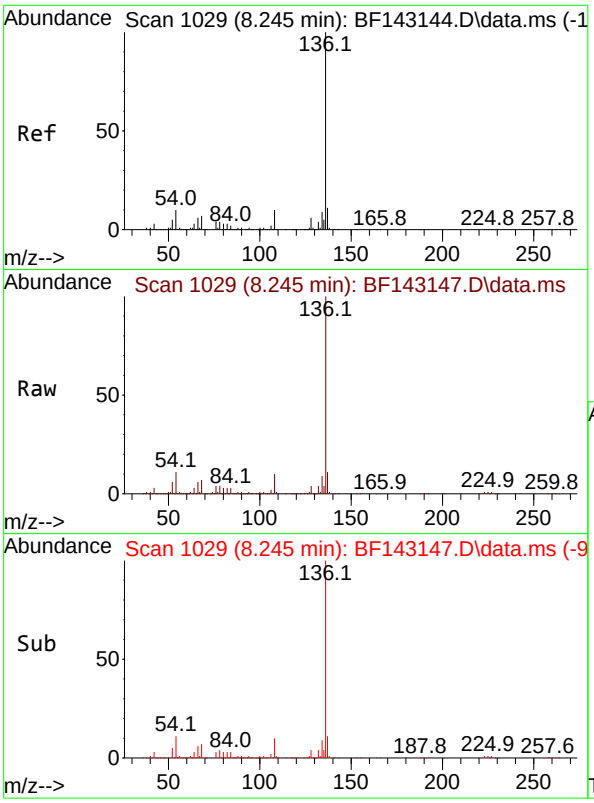


#20
3+4-Methylphenols
Concen: 68.763 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:107 Resp: 673906

Ion	Ratio	Lower	Upper
107	100		
108	90.3	70.0	110.0
77	105.4	57.8	97.8#
79	30.4	9.5	49.5



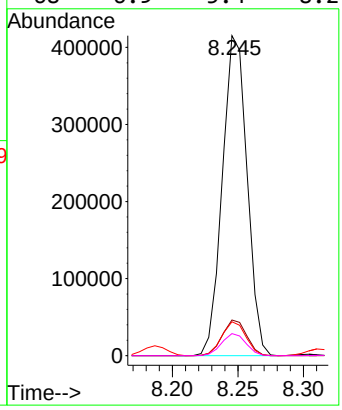


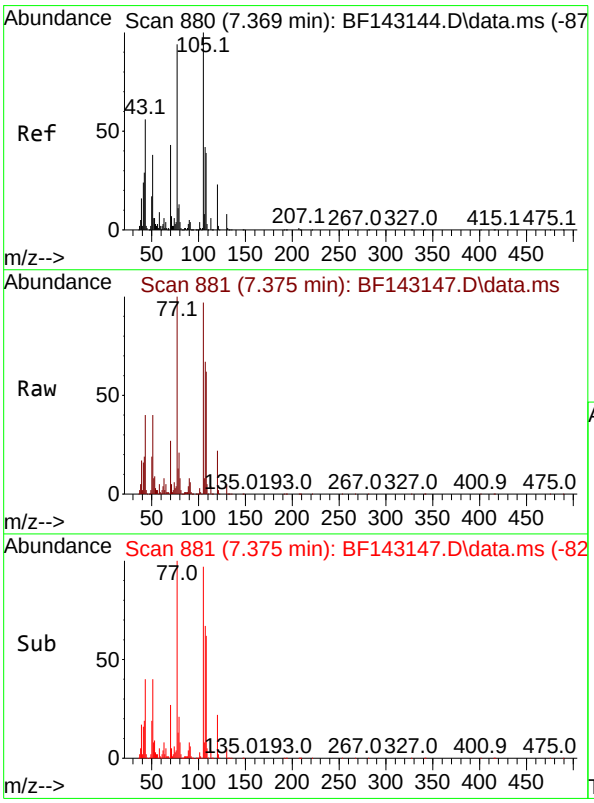
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:136 Resp: 544516

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.6	8.2	12.2
68	6.9	5.4	8.2

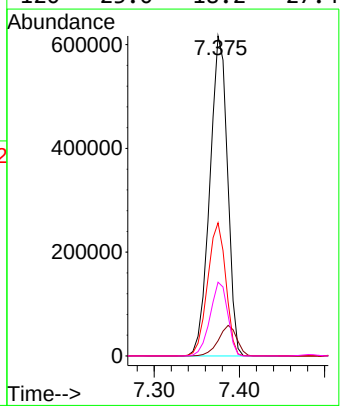


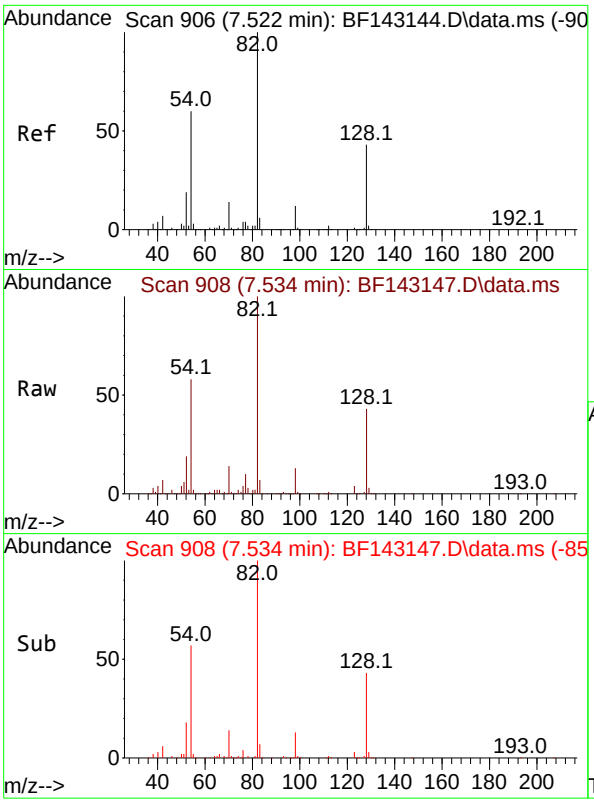


#22
Acetophenone
Concen: 69.107 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:105 Resp: 890890

Ion	Ratio	Lower	Upper
105	100		
71	4.8	5.8	8.6#
51	41.6	30.2	45.2
120	23.0	18.2	27.4



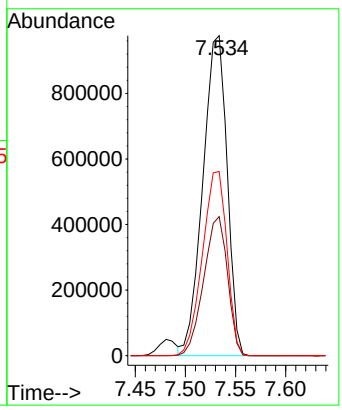


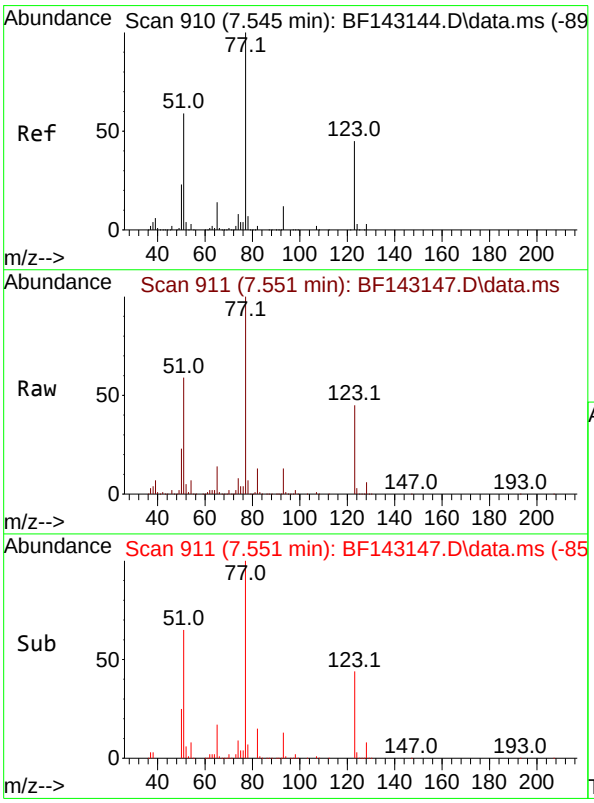
#23
Nitrobenzene-d5
Concen: 150.551 ng
RT: 7.534 min Scan# 9
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 1644581

Ion	Ratio	Lower	Upper
82	100		
128	43.4	33.6	50.4
54	57.5	47.1	70.7

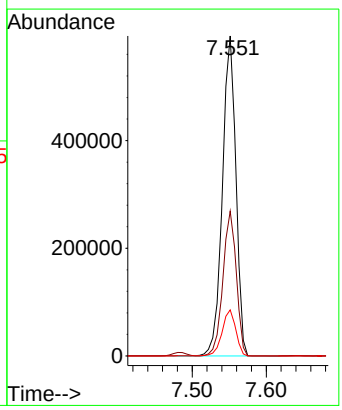


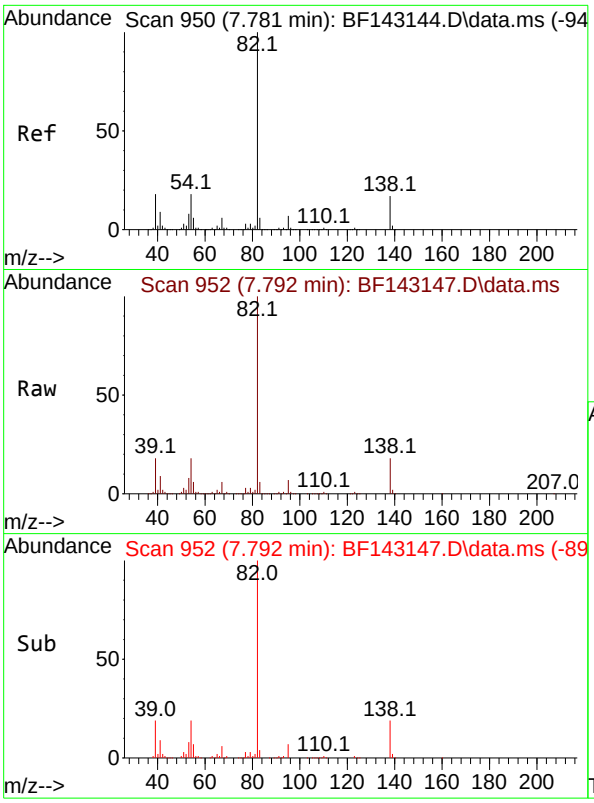


#24
Nitrobenzene
Concen: 73.836 ng
RT: 7.551 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 77 Resp: 751964

Ion	Ratio	Lower	Upper
77	100		
123	45.2	36.1	54.1
65	14.4	11.4	17.2



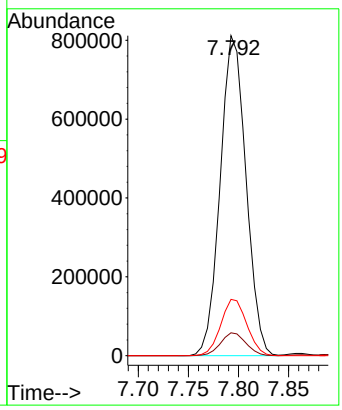


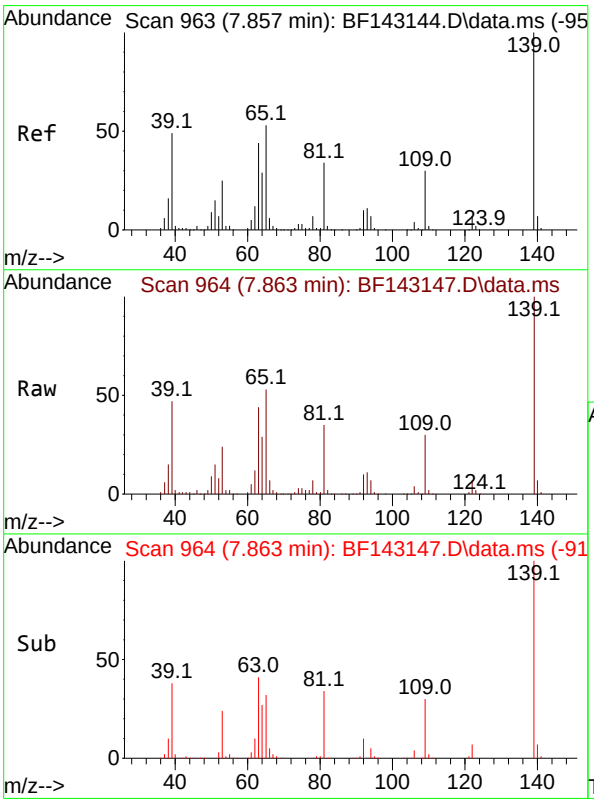
#25
Isophorone
Concen: 75.366 ng
RT: 7.792 min Scan# 9
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 1453353

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.5	8.3
138	17.6	13.8	20.8

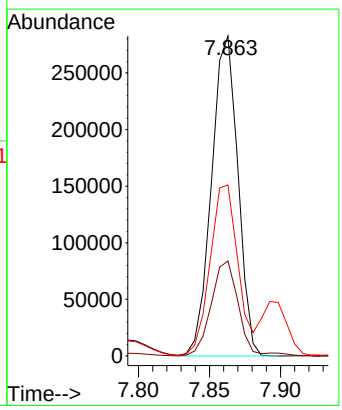


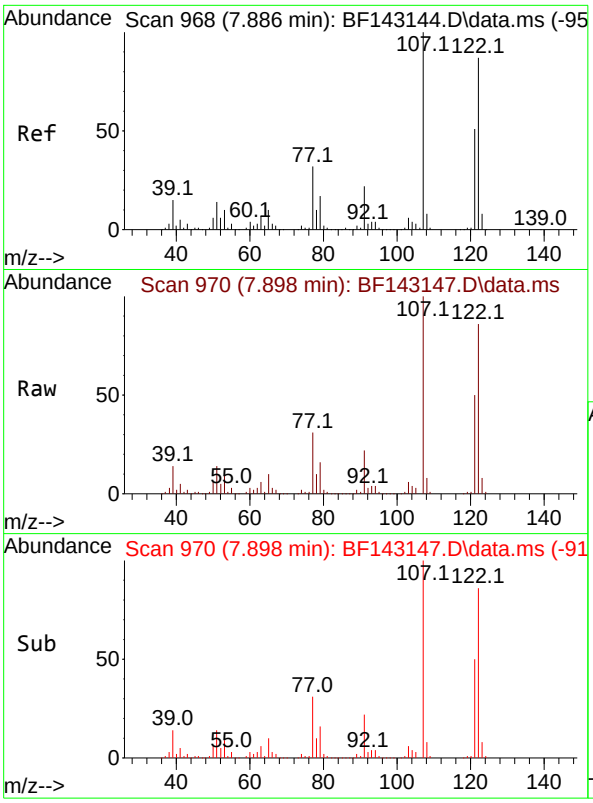


#26
2-Nitrophenol
Concen: 82.568 ng
RT: 7.863 min Scan# 964
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:139 Resp: 364951

Ion	Ratio	Lower	Upper
139	100		
109	29.7	23.6	35.4
65	53.4	42.6	64.0



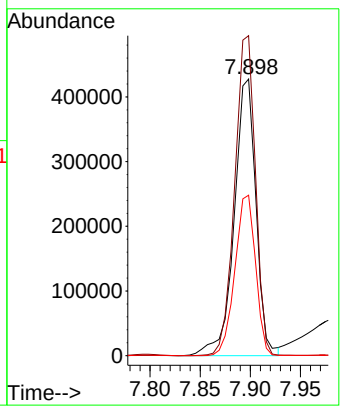


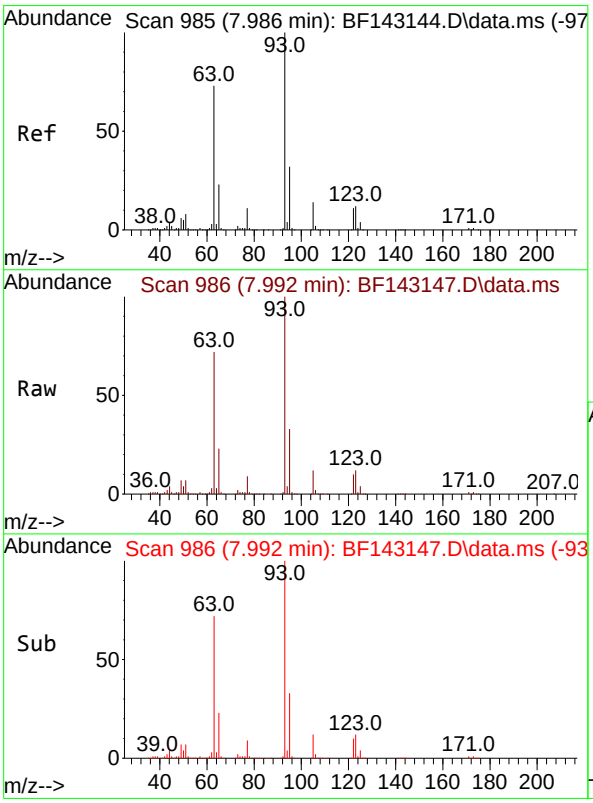
#27
2,4-Dimethylphenol
Concen: 72.050 ng
RT: 7.898 min Scan# 9
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:122 Resp: 649144

Ion	Ratio	Lower	Upper
122	100		
107	115.7	91.8	137.6
121	58.0	46.3	69.5

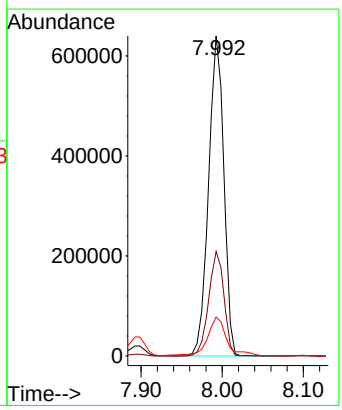


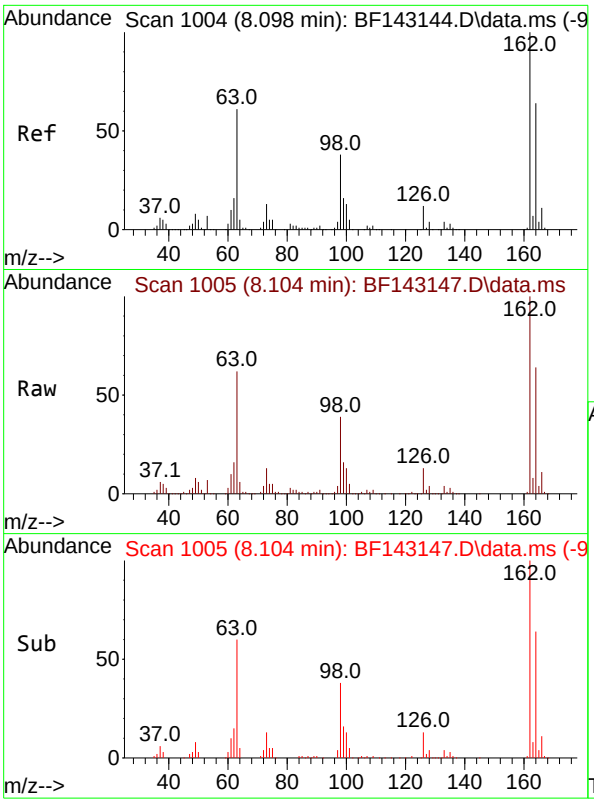


#28
bis(2-Chloroethoxy)methane
Concen: 72.134 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 93 Resp: 834021

Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.8	38.6
123	12.2	9.7	14.5



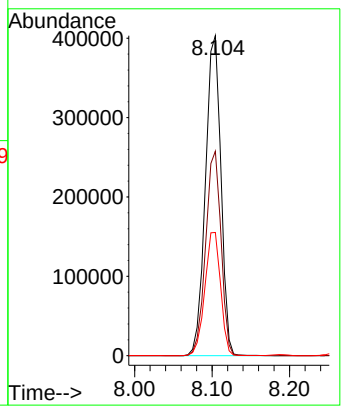


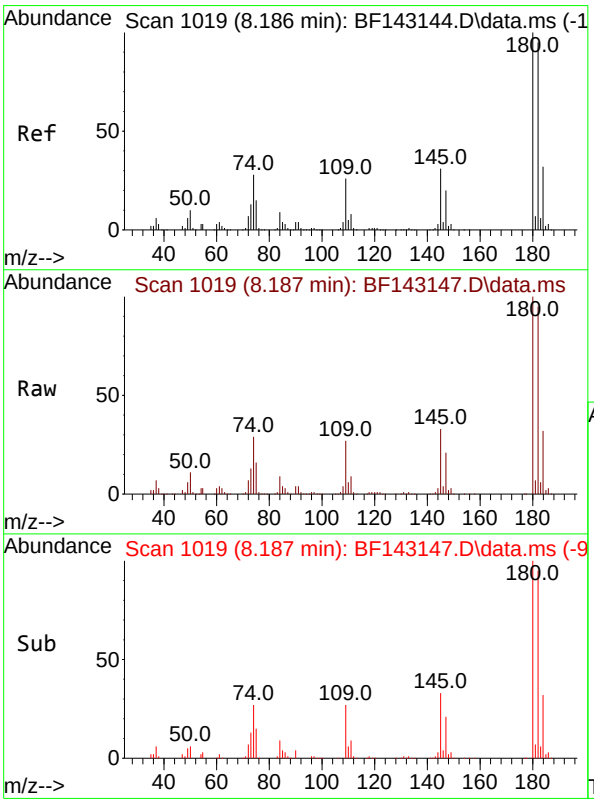
#29
2,4-Dichlorophenol
Concen: 73.527 ng
RT: 8.104 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 558665

Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.2	84.2
98	38.5	17.9	57.9

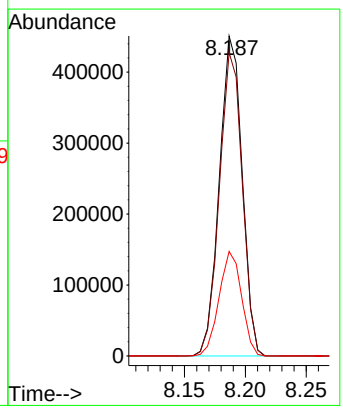


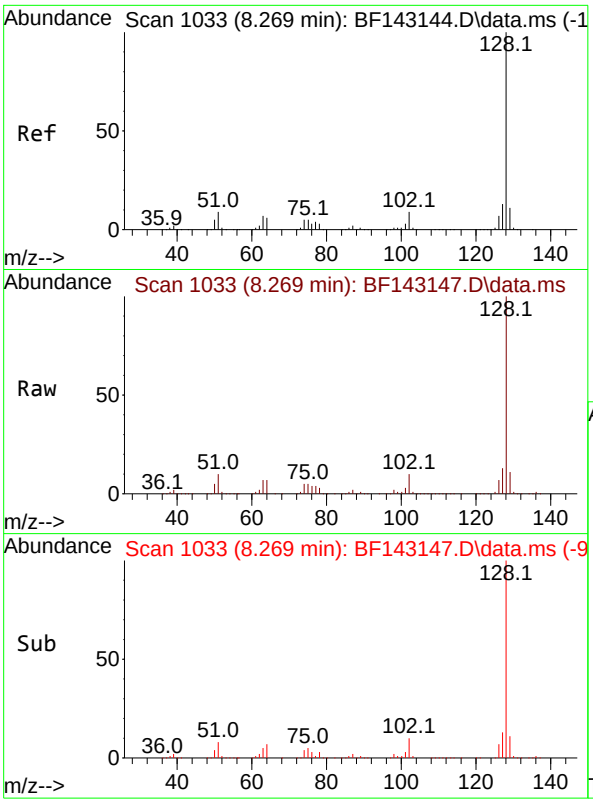


#30
1,2,4-Trichlorobenzene
Concen: 71.673 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:180 Resp: 588333

Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.2	114.2
145	32.7	25.0	37.6



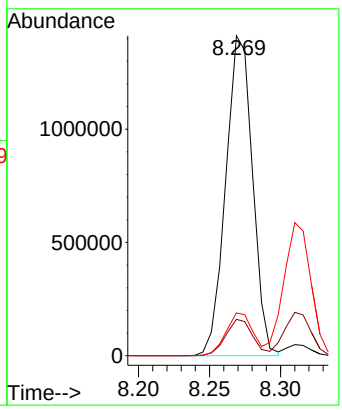


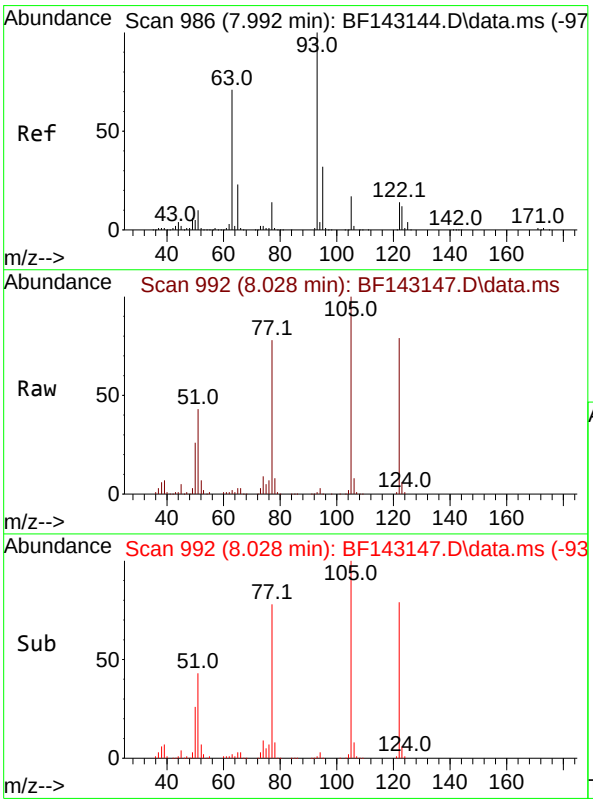
#31
Naphthalene
Concen: 69.150 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:128 Resp: 1854387

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.3	10.6	16.0

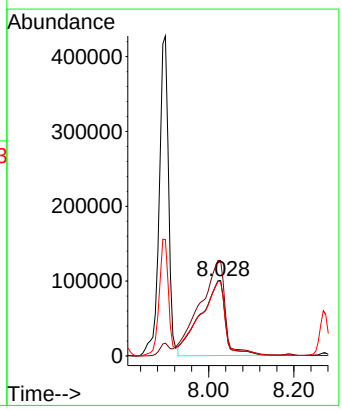


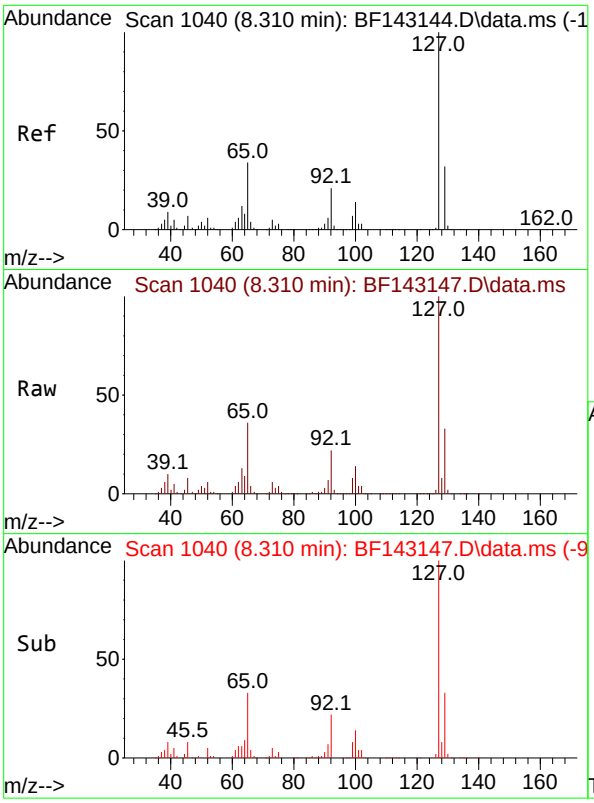


#32
Benzoic acid
Concen: 77.395 ng
RT: 8.028 min Scan# 992
Delta R.T. 0.036 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:122 Resp: 409976

Ion	Ratio	Lower	Upper
122	100		
105	126.7	104.8	144.8
77	98.6	77.6	117.6



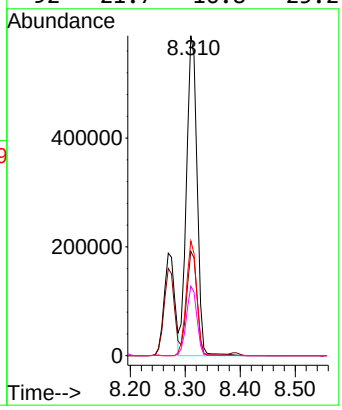


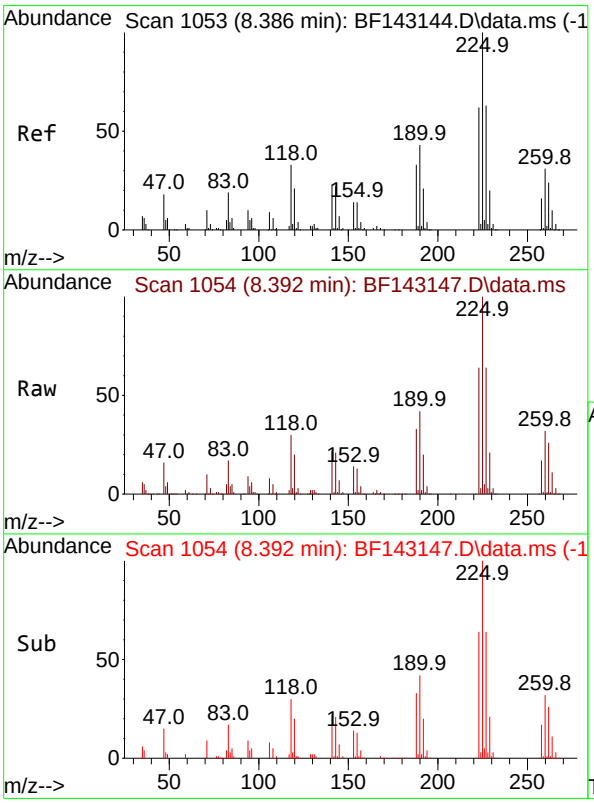
#33
4-Chloroaniline
Concen: 71.895 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:127 Resp: 787243

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	35.9	27.4	41.2
92	21.7	16.8	25.2

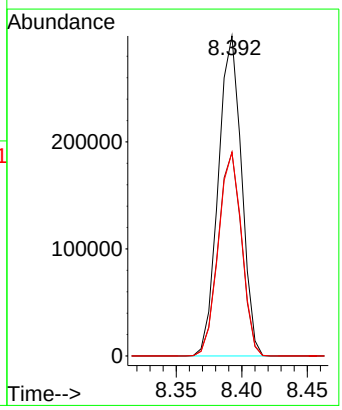


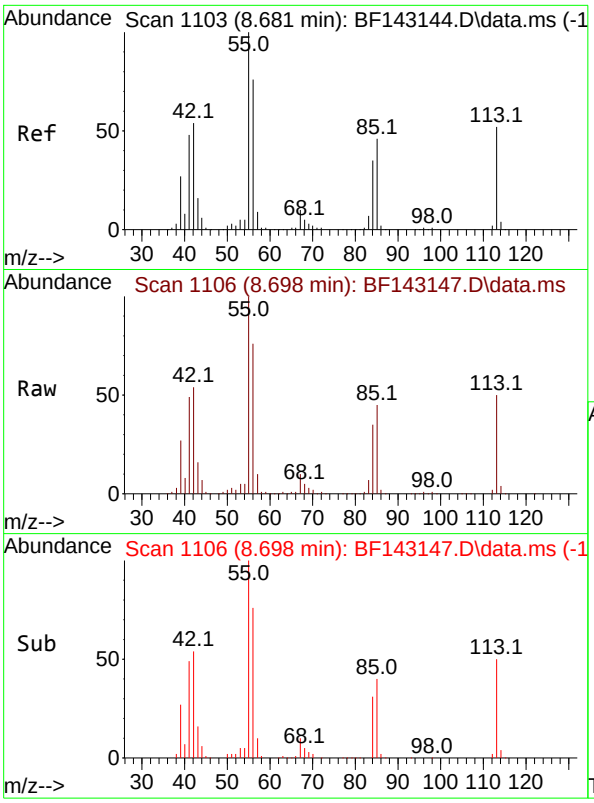


#34
Hexachlorobutadiene
Concen: 73.453 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:225 Resp: 368327

Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.8	74.6
227	63.7	50.2	75.4



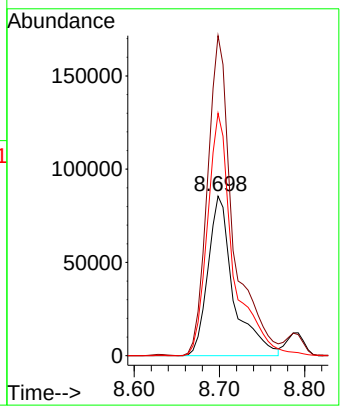


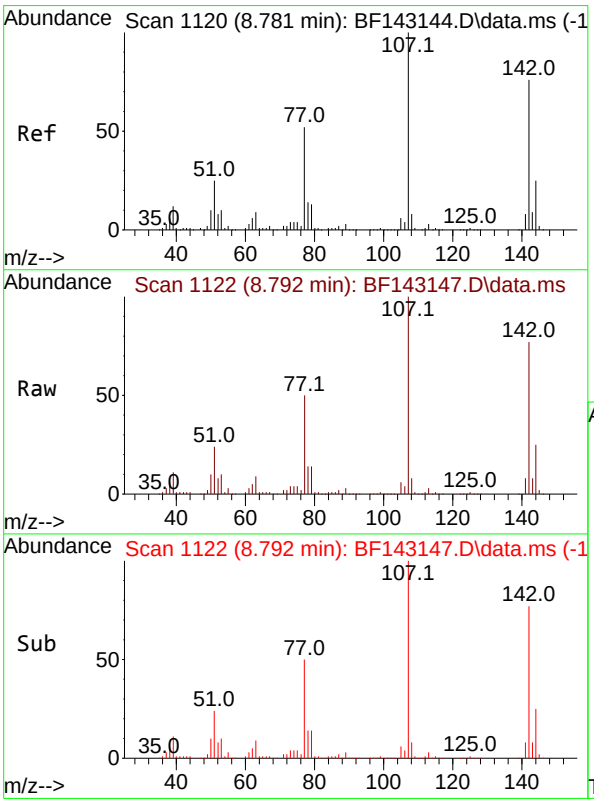
#35
Caprolactam
Concen: 77.644 ng
RT: 8.698 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:113 Resp: 178271

Ion	Ratio	Lower	Upper
113	100		
55	200.6	174.0	214.0
56	152.0	126.6	166.6

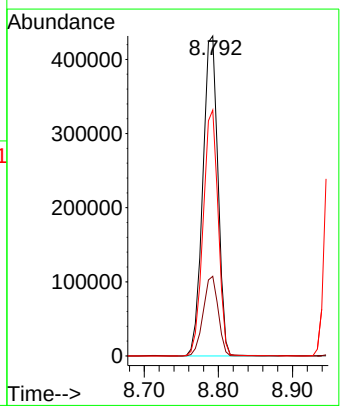


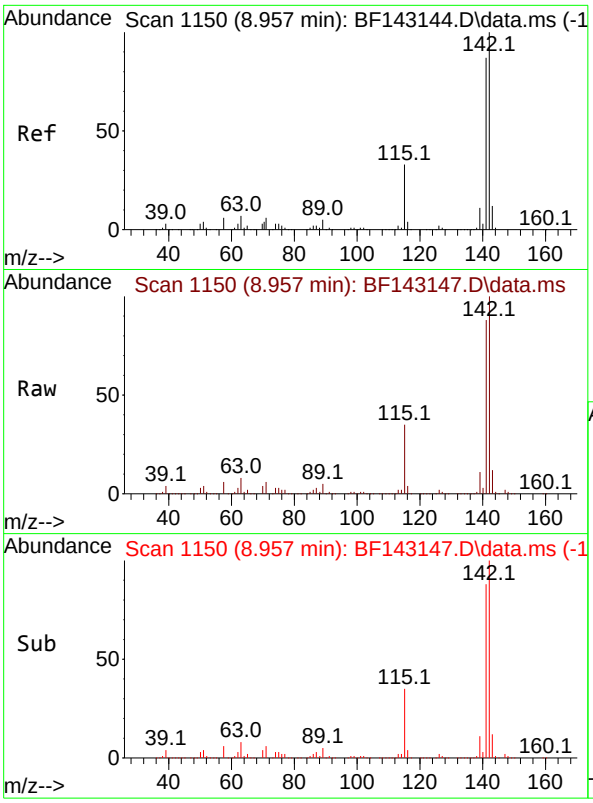


#36
4-Chloro-3-methylphenol
Concen: 74.354 ng
RT: 8.792 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:107 Resp: 614048

Ion	Ratio	Lower	Upper
107	100		
144	24.9	19.8	29.6
142	76.9	60.6	90.8



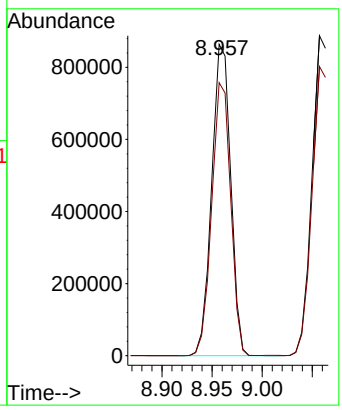


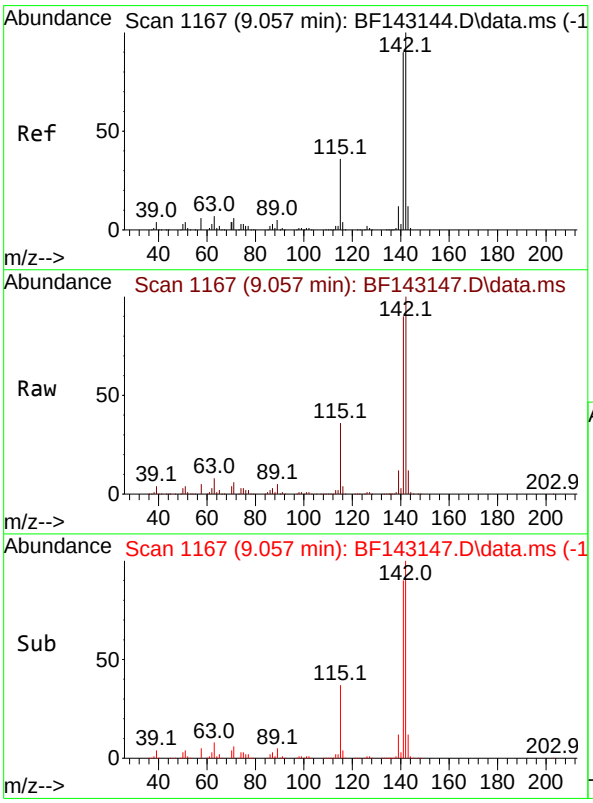
#37
2-Methylnaphthalene
Concen: 69.687 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 1137176

Ion	Ratio	Lower	Upper
142	100		
141	87.7	69.9	104.9

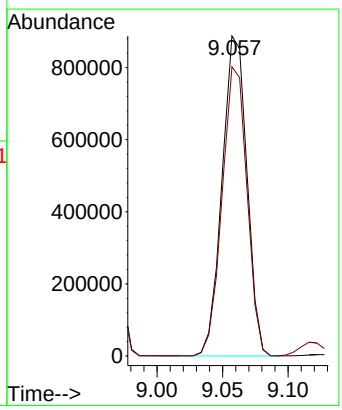


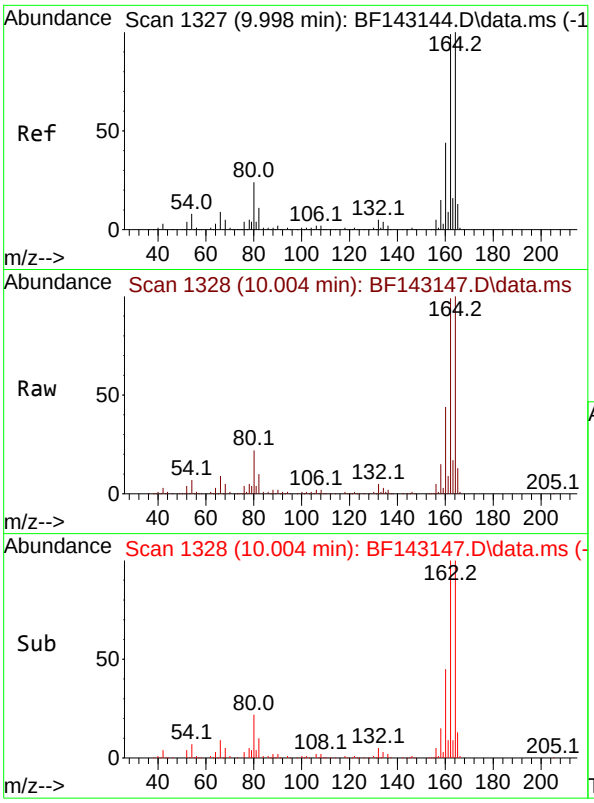


#38
1-Methylnaphthalene
Concen: 69.550 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:142 Resp: 1168702

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.3	108.5



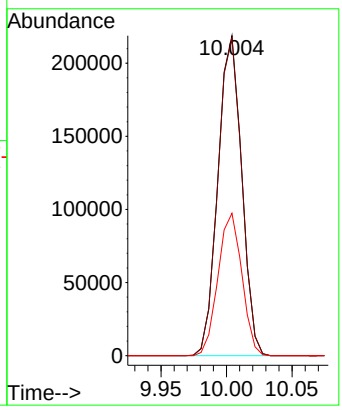


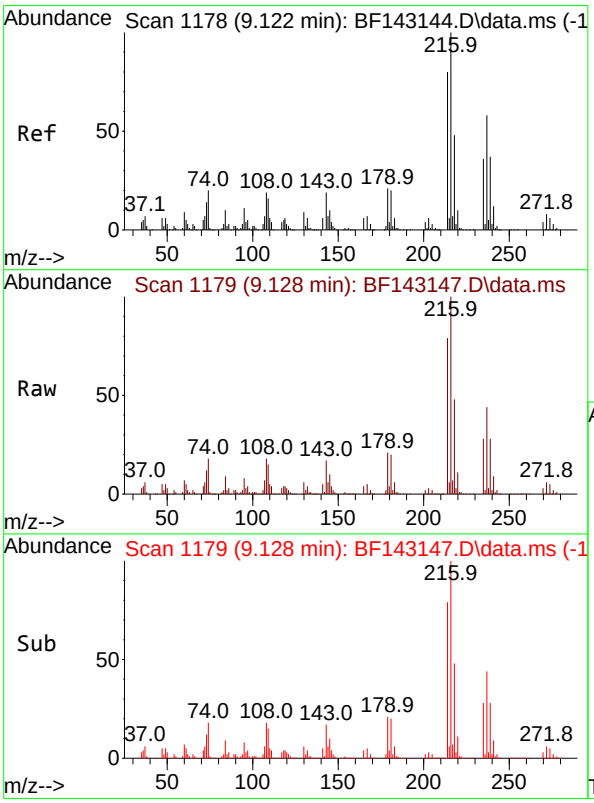
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:164 Resp: 275619

Ion	Ratio	Lower	Upper
164	100		
162	99.2	79.0	118.6
160	44.5	35.1	52.7

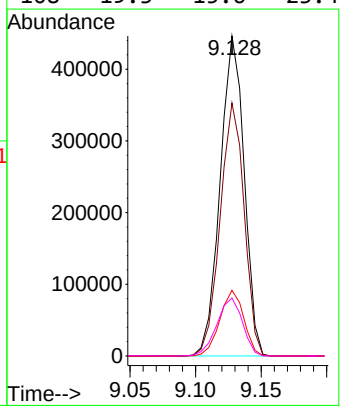


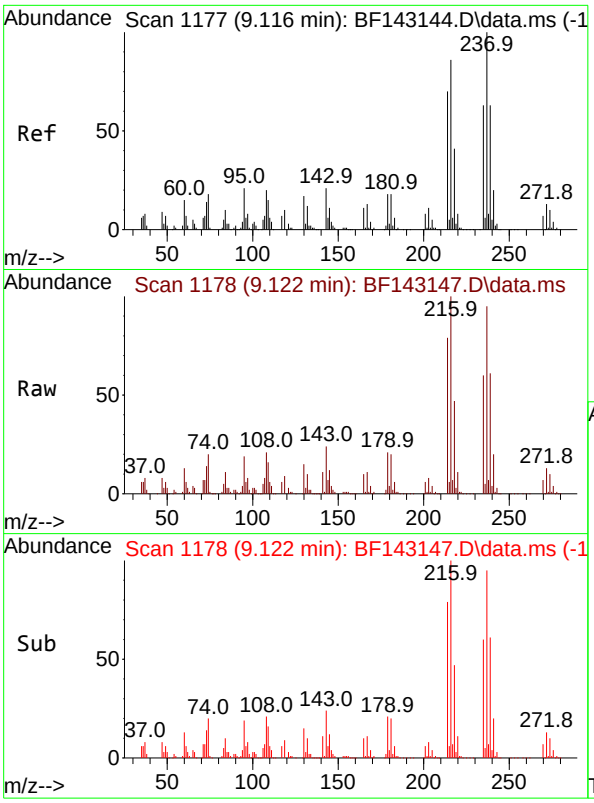


#40
1,2,4,5-Tetrachlorobenzene
Concen: 71.389 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:216 Resp: 568070

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.8	95.8
179	20.4	16.4	24.6
108	19.3	15.6	23.4



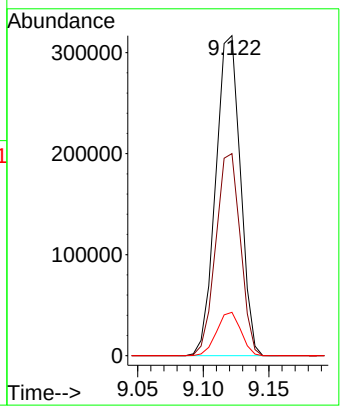


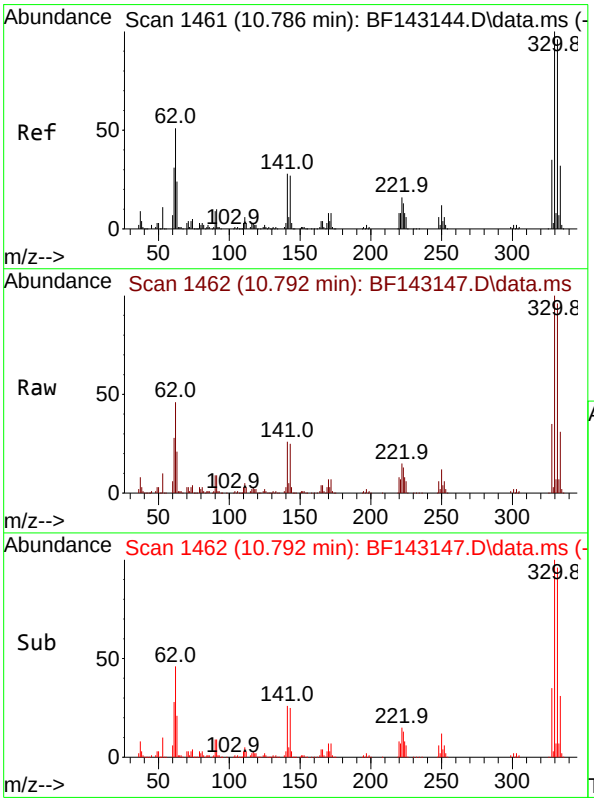
#41
Hexachlorocyclopentadiene
Concen: 79.719 ng
RT: 9.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:237 Resp: 412756

Ion	Ratio	Lower	Upper
237	100		
235	63.2	43.0	83.0
272	13.6	0.0	33.3

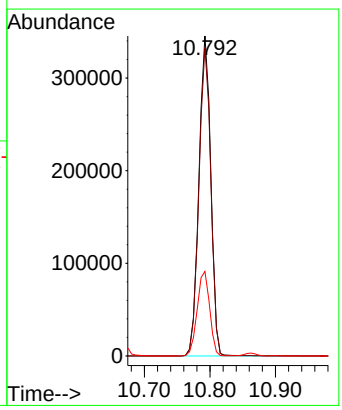


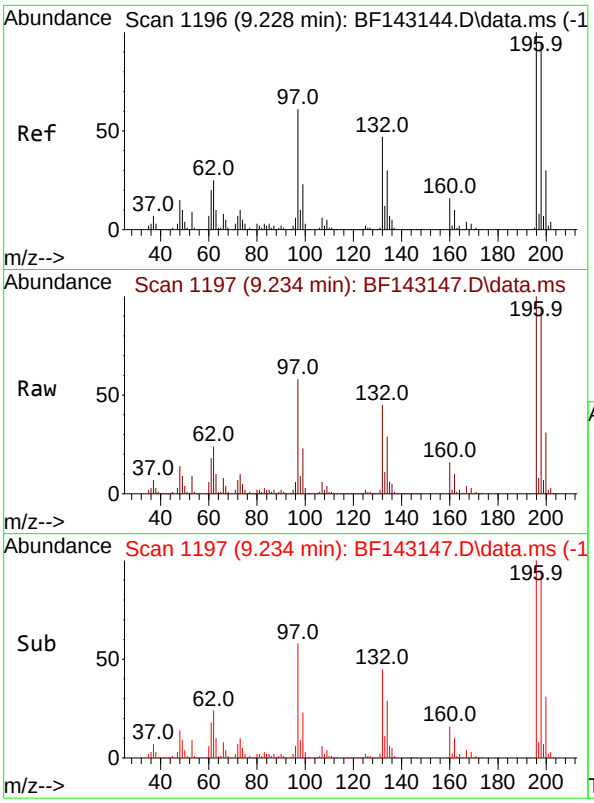


#42
2,4,6-Tribromophenol
Concen: 153.498 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:330 Resp: 437054

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.7	115.1
141	27.7	23.3	34.9



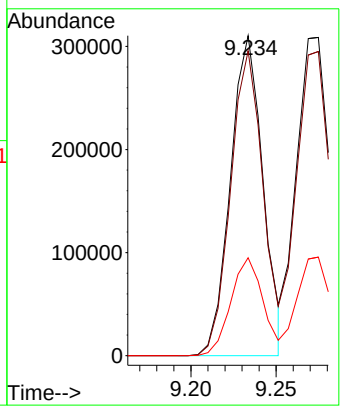


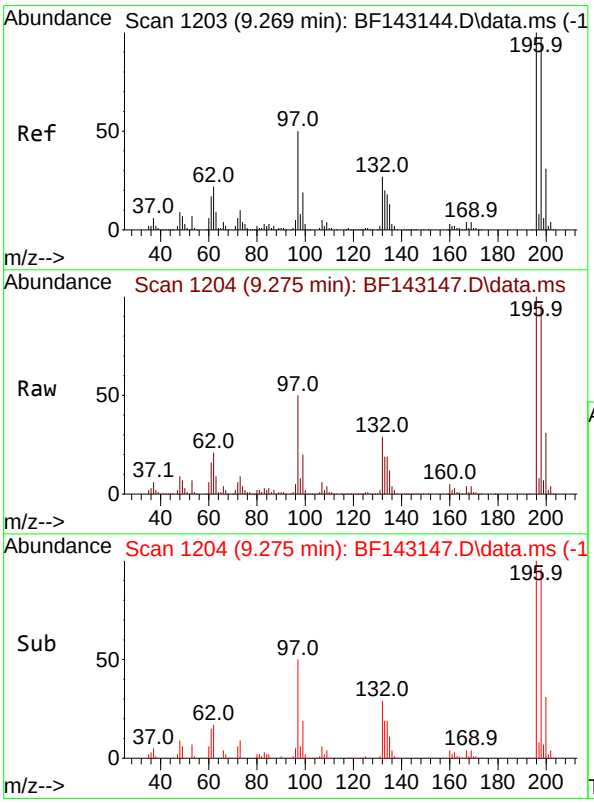
#43
2,4,6-Trichlorophenol
Concen: 74.838 ng
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:196 Resp: 412148

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
200	30.6	23.9	35.9

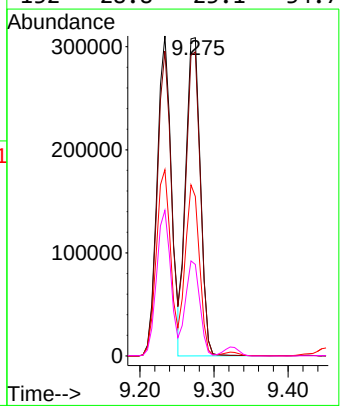


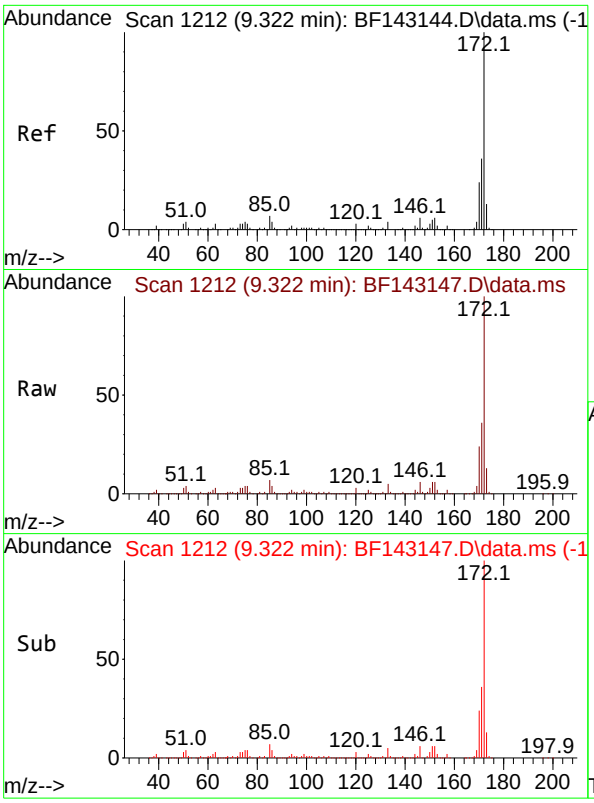


#44
2,4,5-Trichlorophenol
Concen: 76.888 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:196 Resp: 423565

Ion	Ratio	Lower	Upper
196	100		
198	95.6	77.3	115.9
97	50.1	40.3	60.5
132	28.8	23.1	34.7



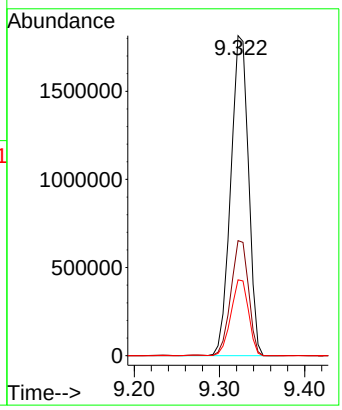


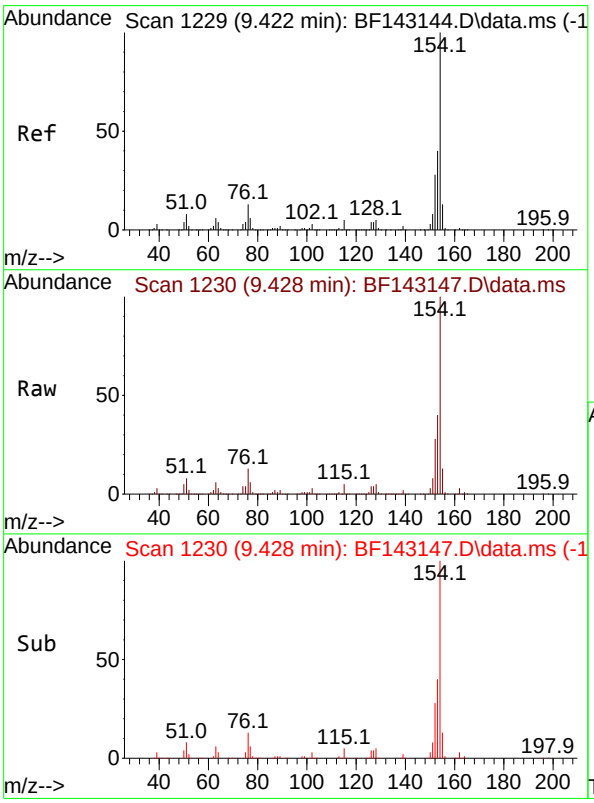
#45
2-Fluorobiphenyl
Concen: 130.157 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:172 Resp: 2623071

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	23.7	18.8	28.2

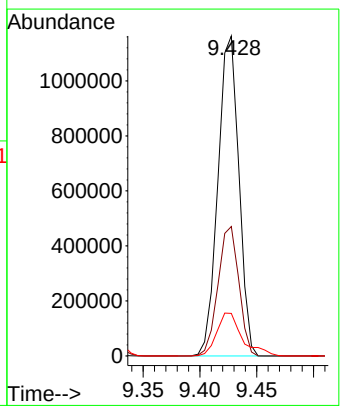


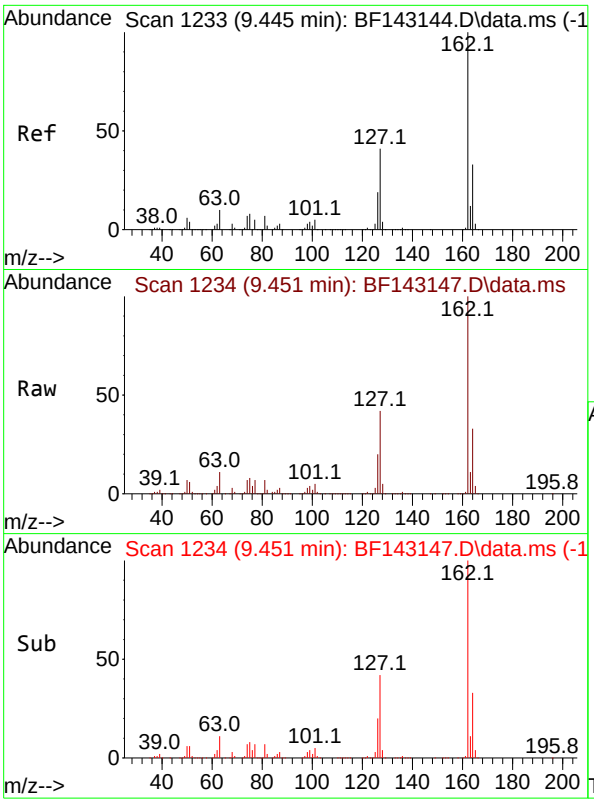


#46
1,1'-Biphenyl
Concen: 69.388 ng
RT: 9.428 min Scan# 1230
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:154 Resp: 1492094

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	13.3	0.0	33.3



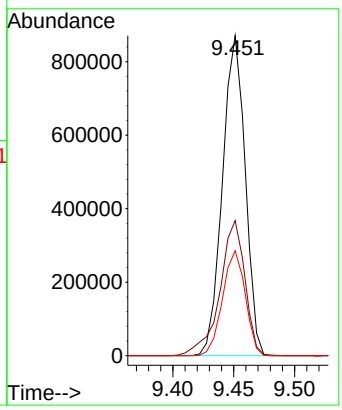


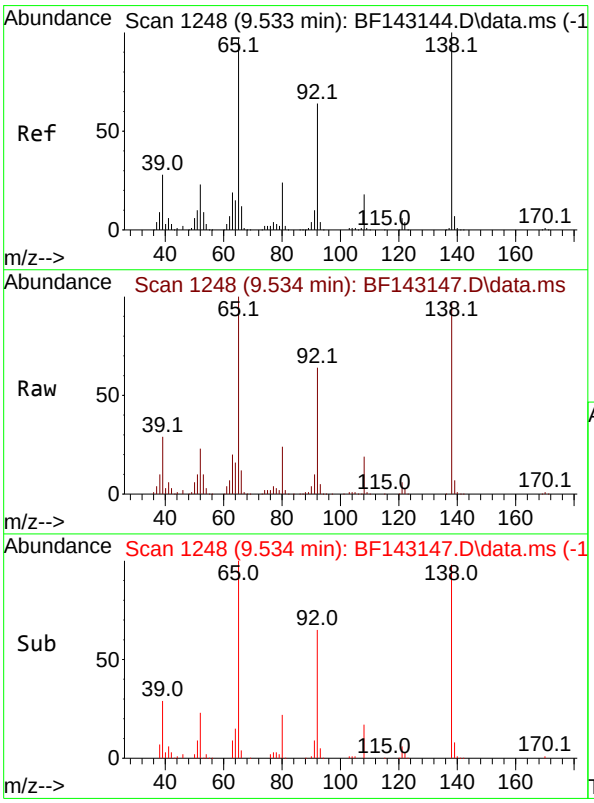
#47
2-Chloronaphthalene
Concen: 71.122 ng
RT: 9.451 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 1131626

Ion	Ratio	Lower	Upper
162	100		
127	42.2	33.4	50.2
164	32.8	26.2	39.2

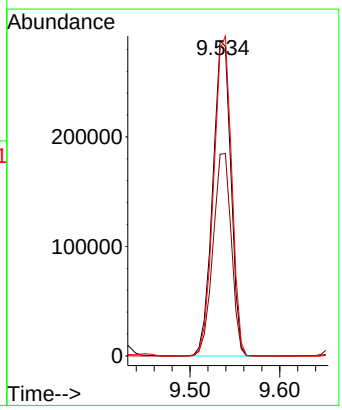


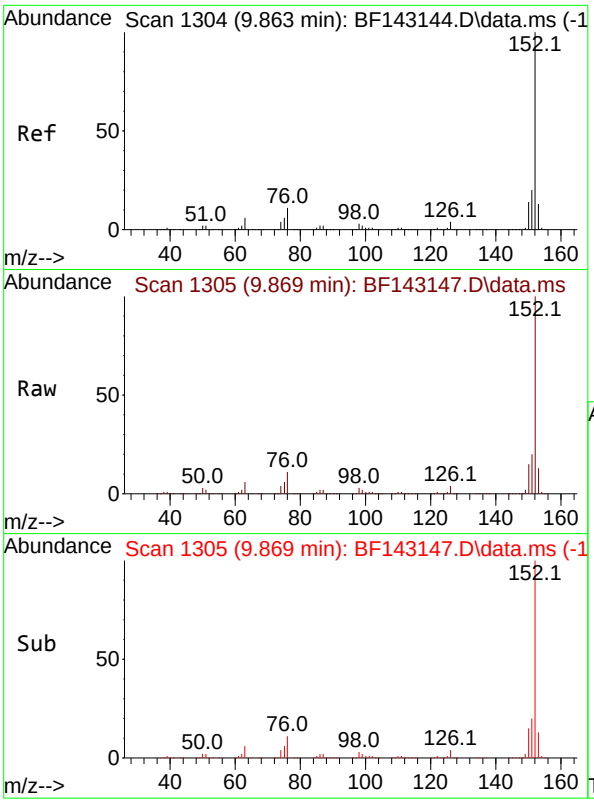


#48
2-Nitroaniline
Concen: 80.971 ng
RT: 9.534 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 65 Resp: 404023

Ion	Ratio	Lower	Upper
65	100		
92	64.0	52.4	78.6
138	97.3	82.3	123.5



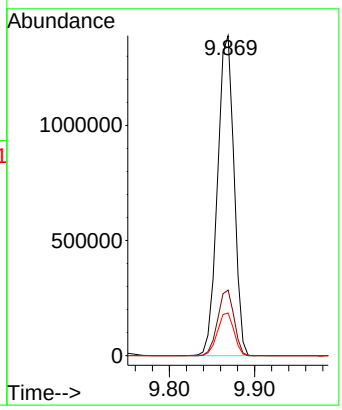


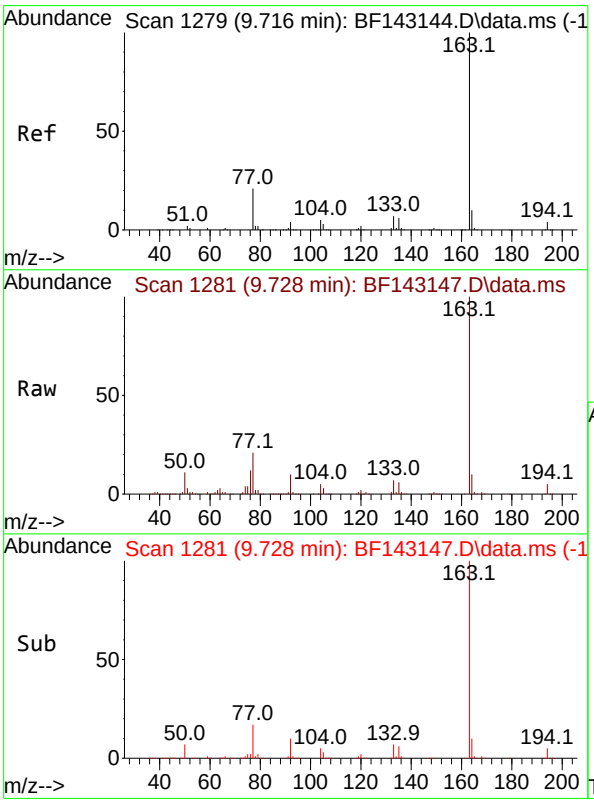
#49
Acenaphthylene
Concen: 70.057 ng
RT: 9.869 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 1868062

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.2
153	13.4	10.6	16.0

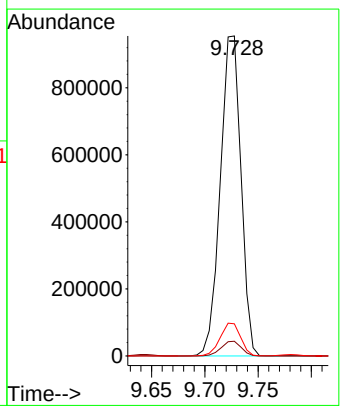


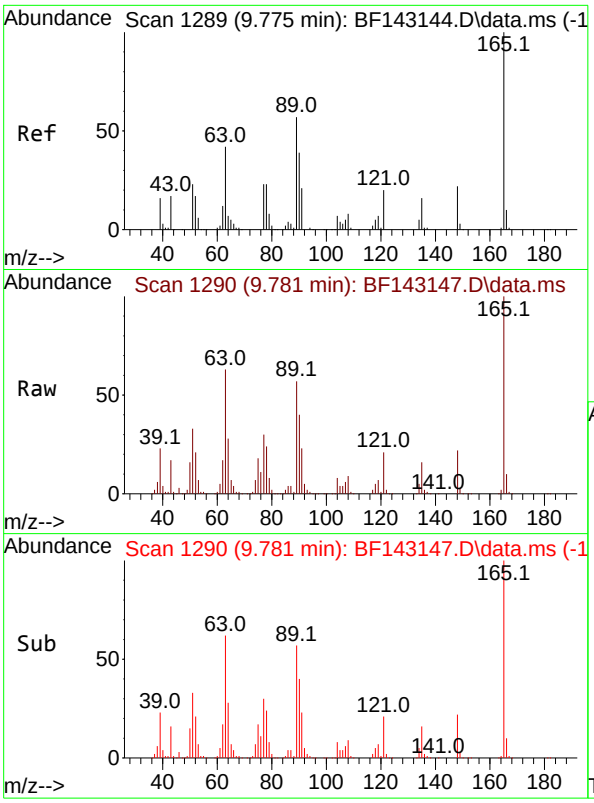


#50
Dimethylphthalate
Concen: 71.723 ng
RT: 9.728 min Scan# 1281
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:163 Resp: 1288559

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.0	8.3	12.5



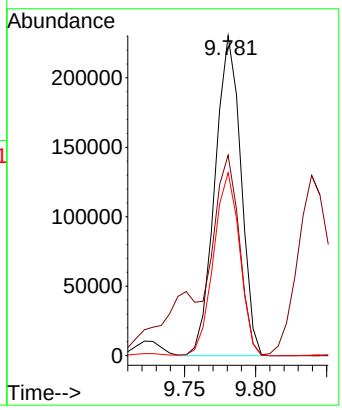


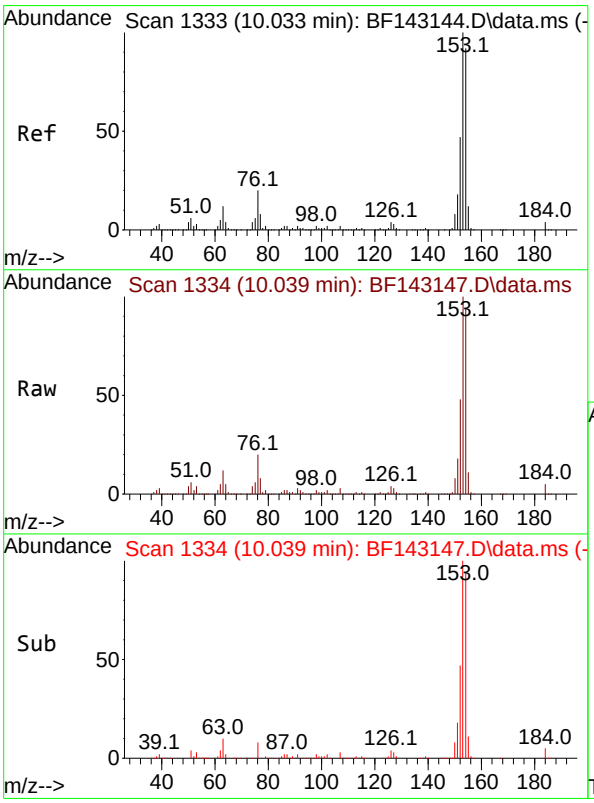
#51
2,6-Dinitrotoluene
Concen: 80.093 ng
RT: 9.781 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 292718

Ion	Ratio	Lower	Upper
165	100		
63	62.6	49.4	74.2
89	57.2	46.2	69.2

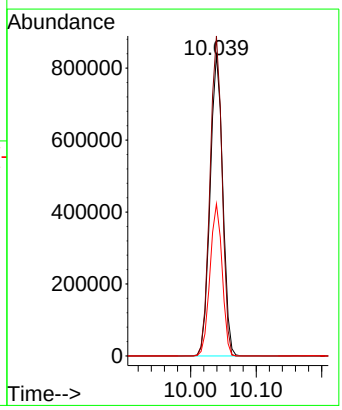


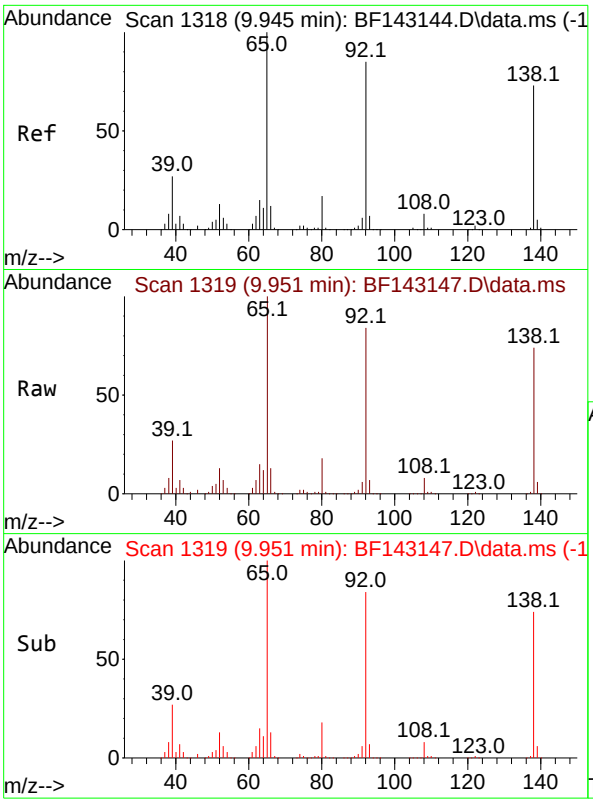


#52
Acenaphthene
Concen: 71.086 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:154 Resp: 1120315

Ion	Ratio	Lower	Upper
154	100		
153	106.1	86.6	129.8
152	50.4	40.4	60.6



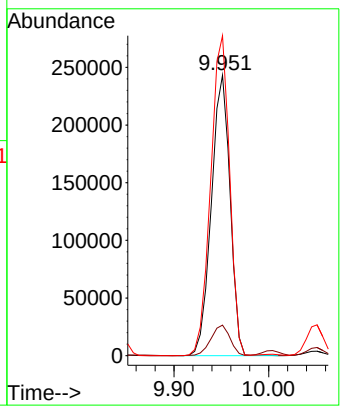


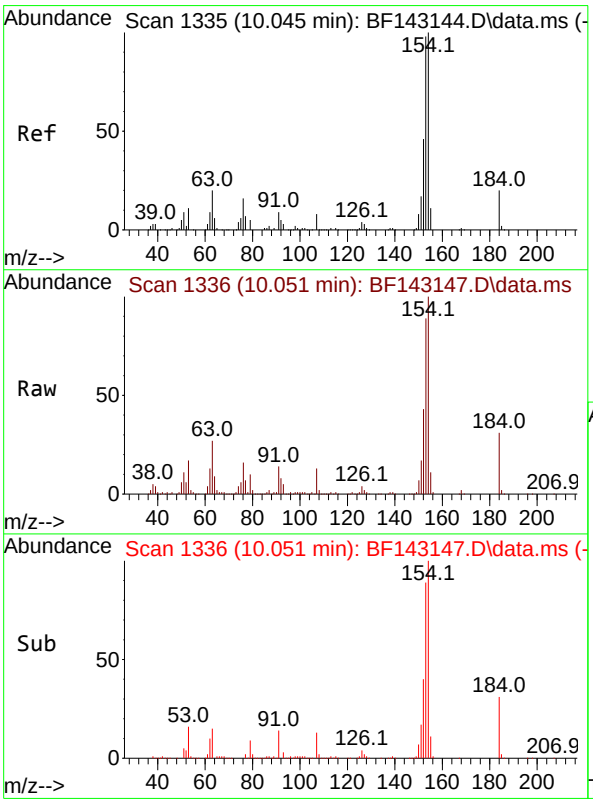
#53
3-Nitroaniline
Concen: 78.128 ng
RT: 9.951 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 333980

Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.0	13.6
92	114.1	93.0	139.4

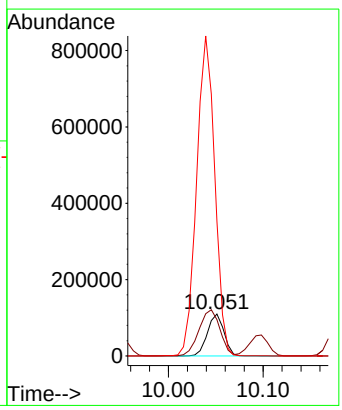


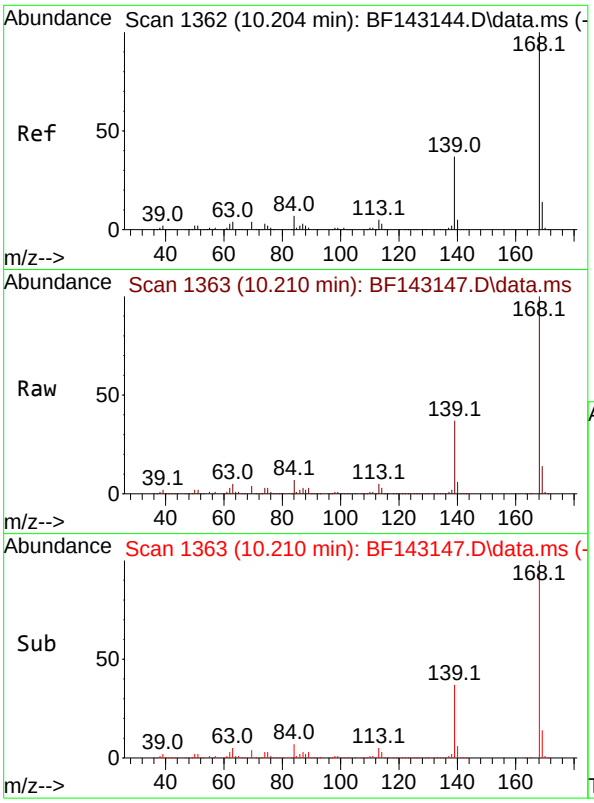


#54
2,4-Dinitrophenol
Concen: 80.516 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:184 Resp: 133446

Ion	Ratio	Lower	Upper
184	100		
63	86.6	81.8	122.6
154	321.6	412.2	618.4#



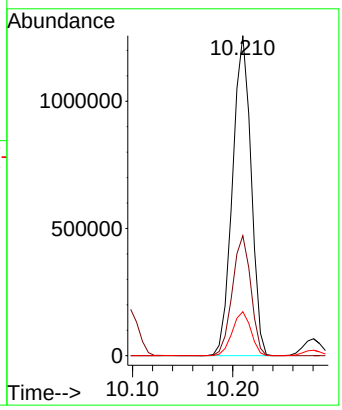


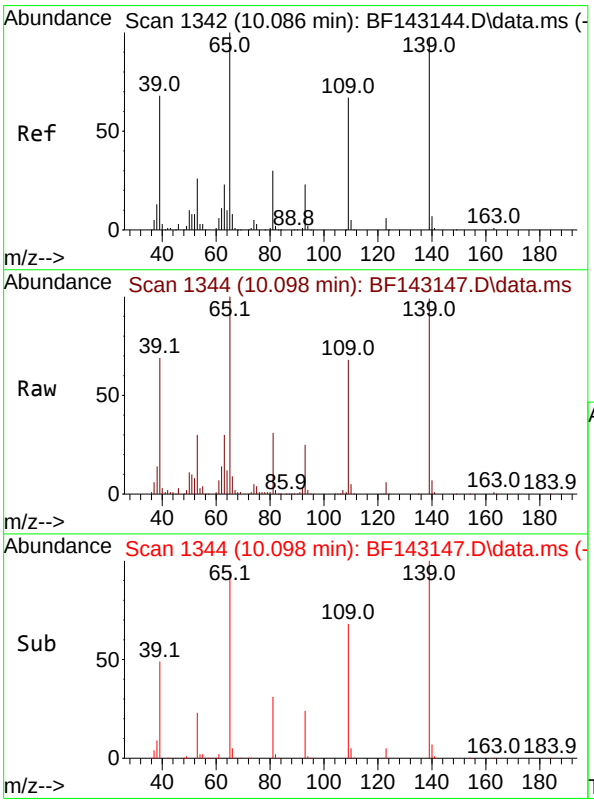
#55
Dibenzofuran
Concen: 69.038 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:168 Resp: 1615399

Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.5	44.3
169	13.8	10.9	16.3

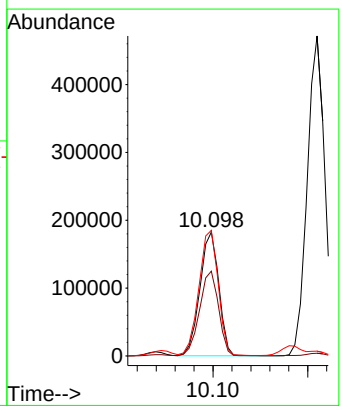


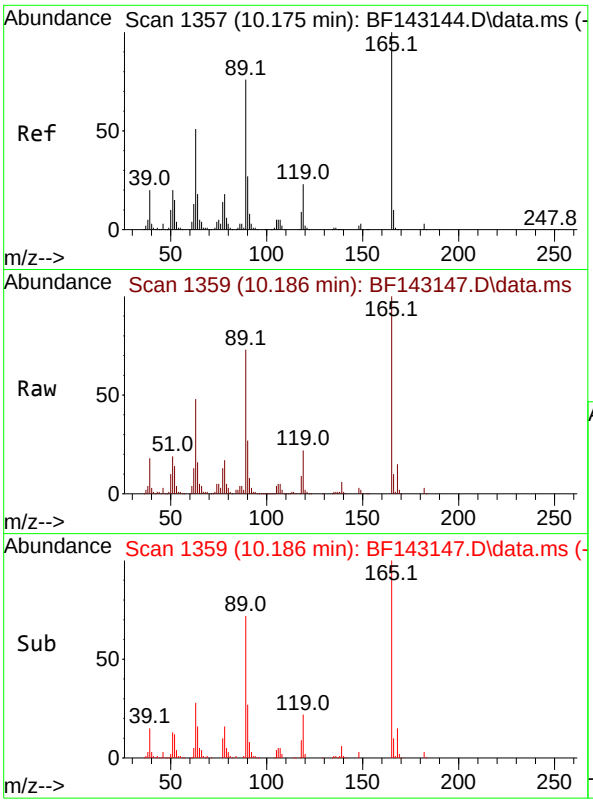


#56
4-Nitrophenol
Concen: 79.161 ng
RT: 10.098 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:139 Resp: 252698

Ion	Ratio	Lower	Upper
139	100		
109	68.4	48.5	88.5
65	101.3	83.4	123.4



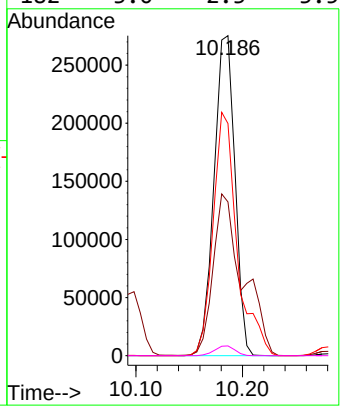


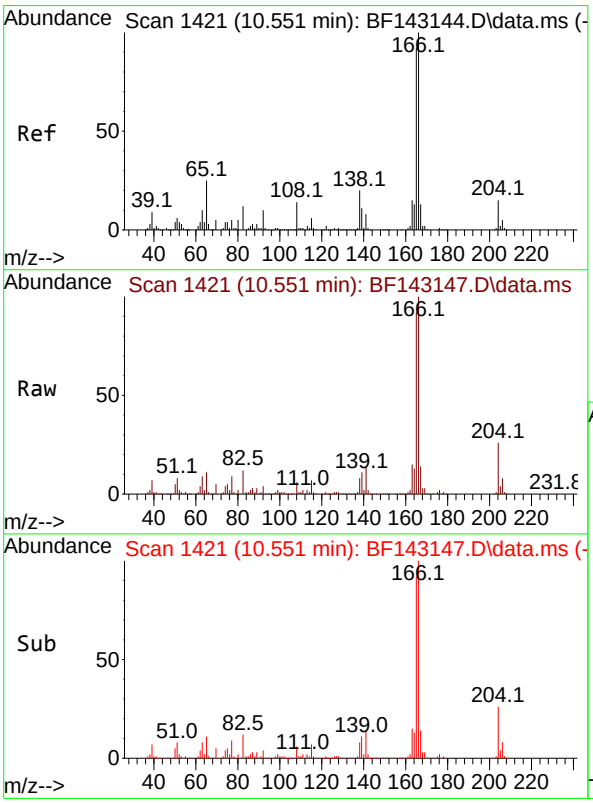
#57
2,4-Dinitrotoluene
Concen: 82.029 ng
RT: 10.186 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 376124

Ion	Ratio	Lower	Upper
165	100		
63	48.1	41.0	61.4
89	72.5	61.1	91.7
182	3.0	2.3	3.5

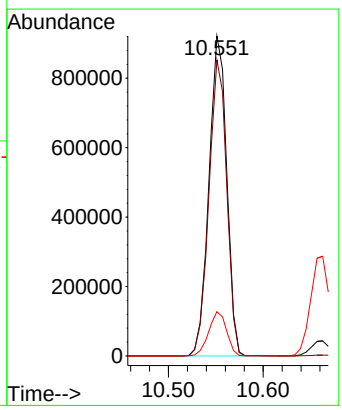


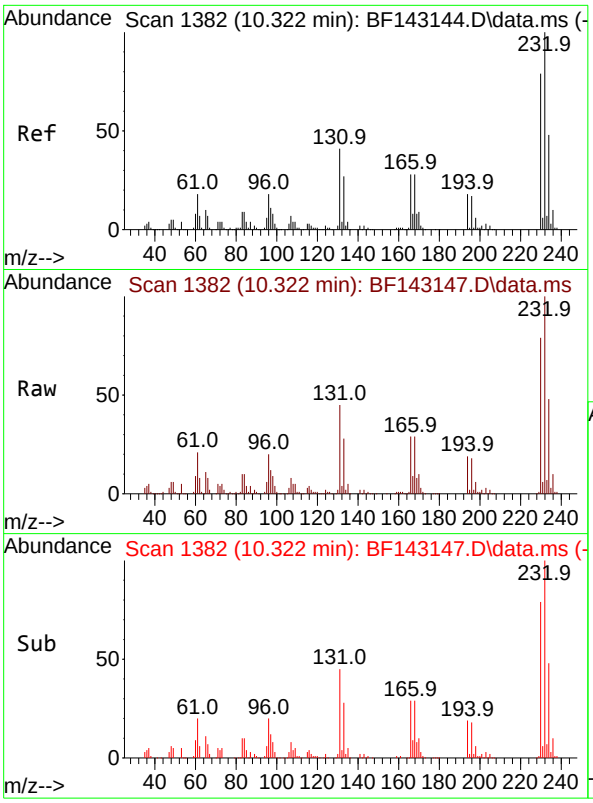


#58
Fluorene
Concen: 68.203 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:166 Resp: 1197731

Ion	Ratio	Lower	Upper
166	100		
165	92.5	73.7	110.5
167	13.8	10.6	16.0



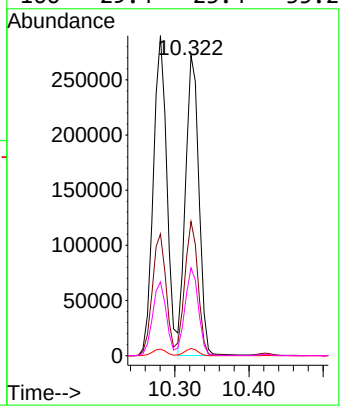


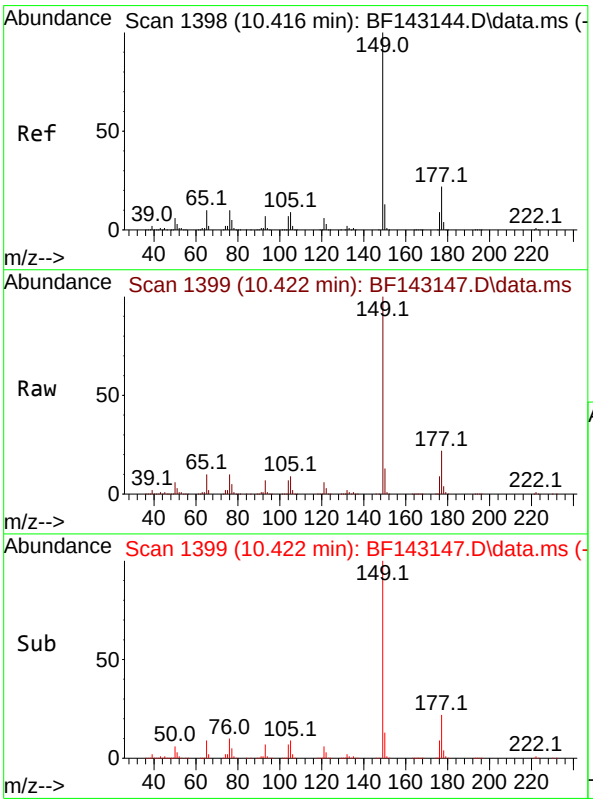
#59
2,3,4,6-Tetrachlorophenol
Concen: 74.533 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:232 Resp: 340118

Ion	Ratio	Lower	Upper
232	100		
131	44.5	35.3	52.9
130	2.4	1.7	2.5
166	29.4	23.4	35.2

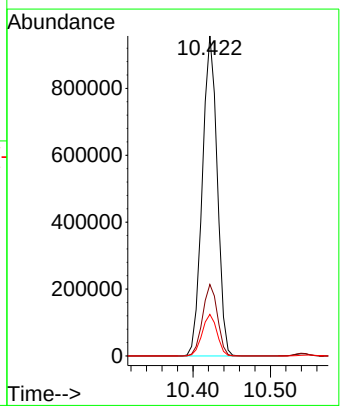


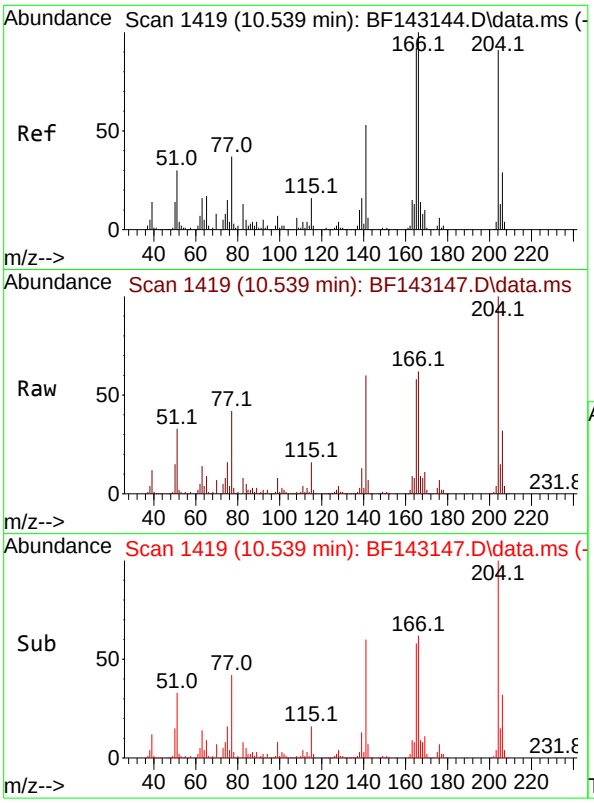


#60
Diethylphthalate
Concen: 71.870 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:149 Resp: 1276217

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.5	26.3
150	13.0	10.2	15.2



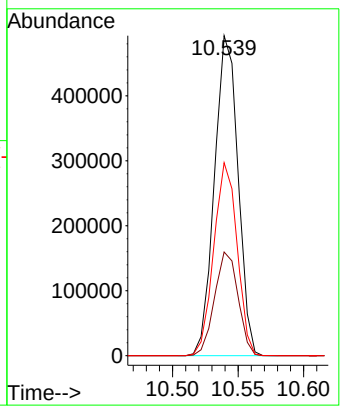


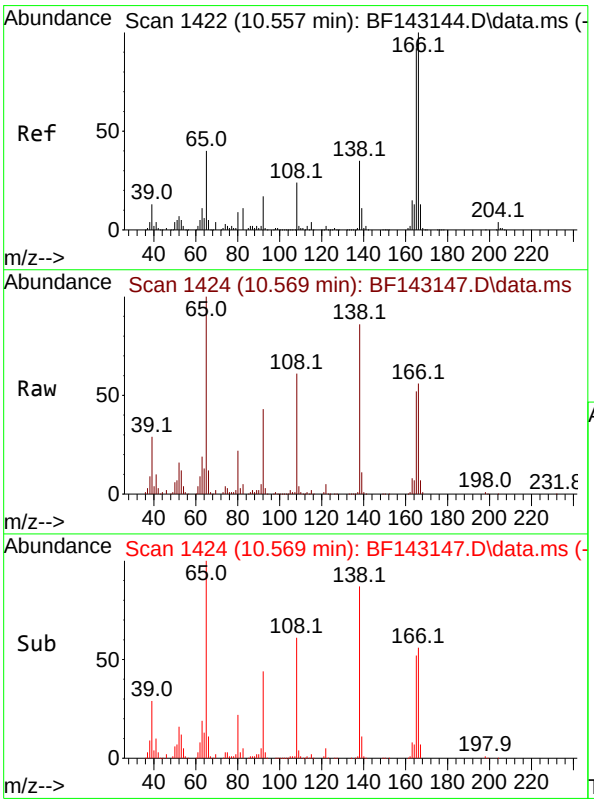
#61
4-Chlorophenyl-phenylether
Concen: 70.326 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:204 Resp: 614962

Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.8	38.8
141	60.3	47.0	70.4

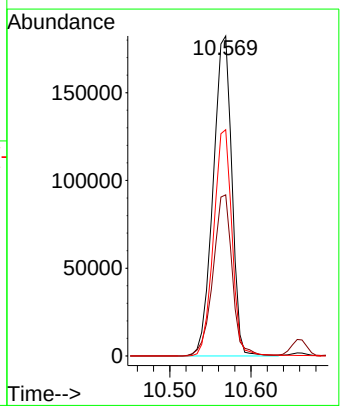


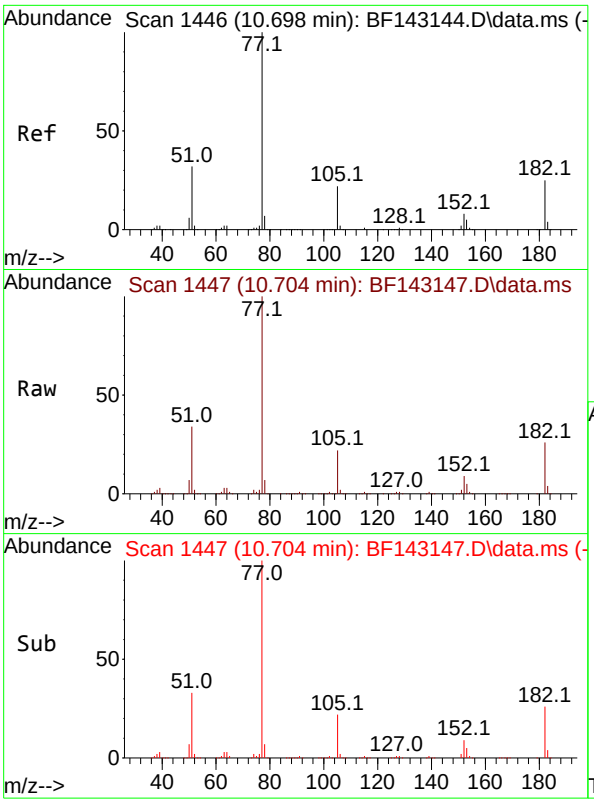


#62
4-Nitroaniline
Concen: 79.680 ng
RT: 10.569 min Scan# 1424
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:138 Resp: 291926

Ion	Ratio	Lower	Upper
138	100		
92	50.4	29.3	69.3
108	70.7	48.3	88.3



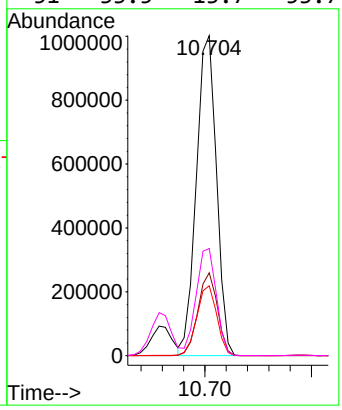


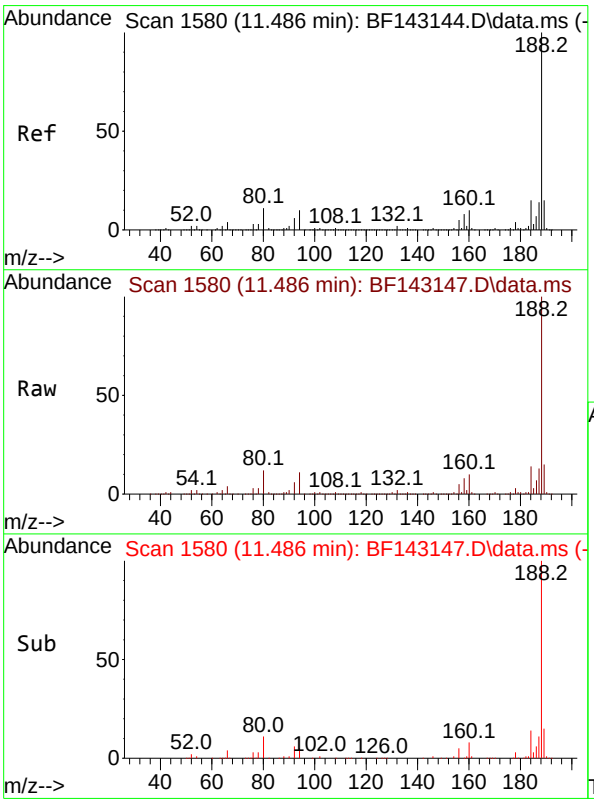
#63
Azobenzene
Concen: 71.255 ng
RT: 10.704 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 1318720

Ion	Ratio	Lower	Upper
77	100		
182	25.9	4.6	44.6
105	21.9	1.4	41.4
51	33.5	13.7	53.7

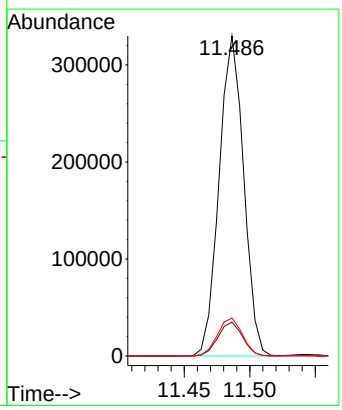


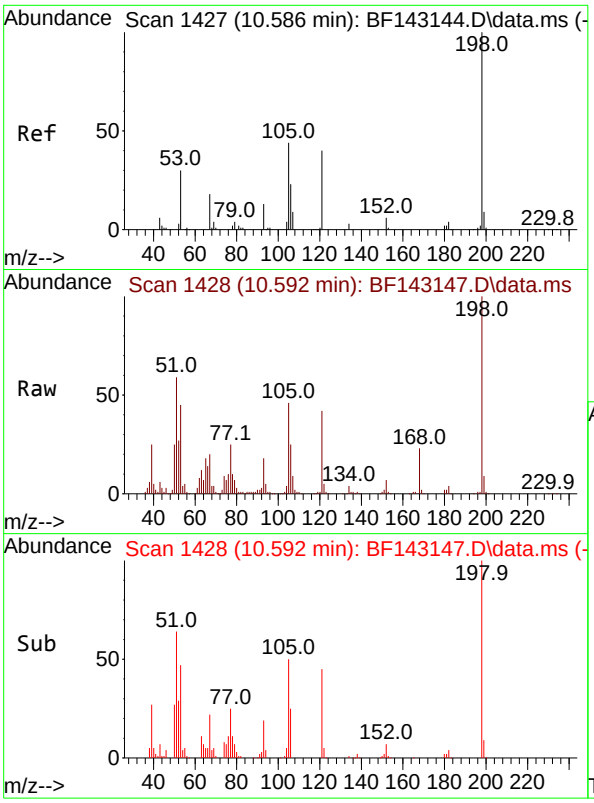


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:188 Resp: 429046

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.3	12.5
80	11.8	9.0	13.6



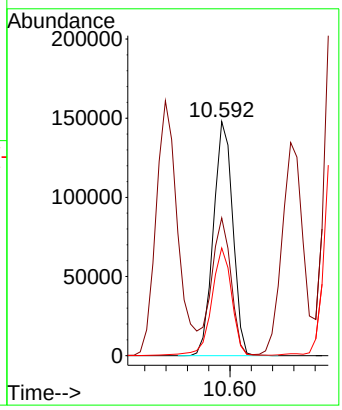


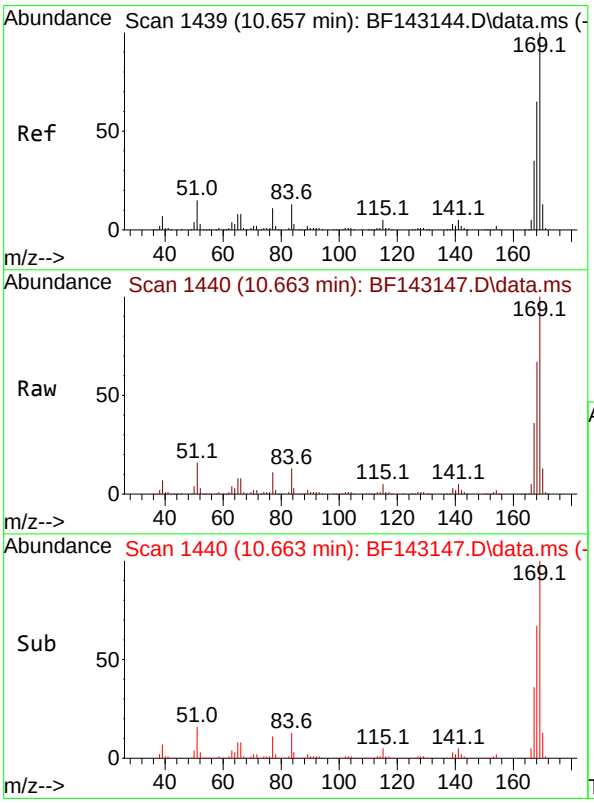
#65
4,6-Dinitro-2-methylphenol
Concen: 78.948 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 186415

Ion	Ratio	Lower	Upper
198	100		
51	58.9	37.2	77.2
105	46.0	24.8	64.8

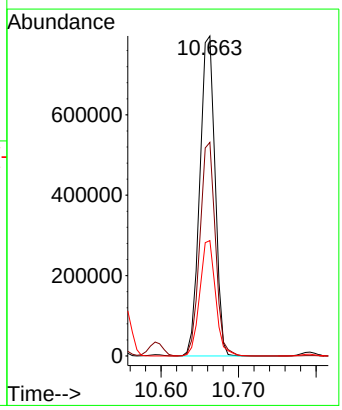


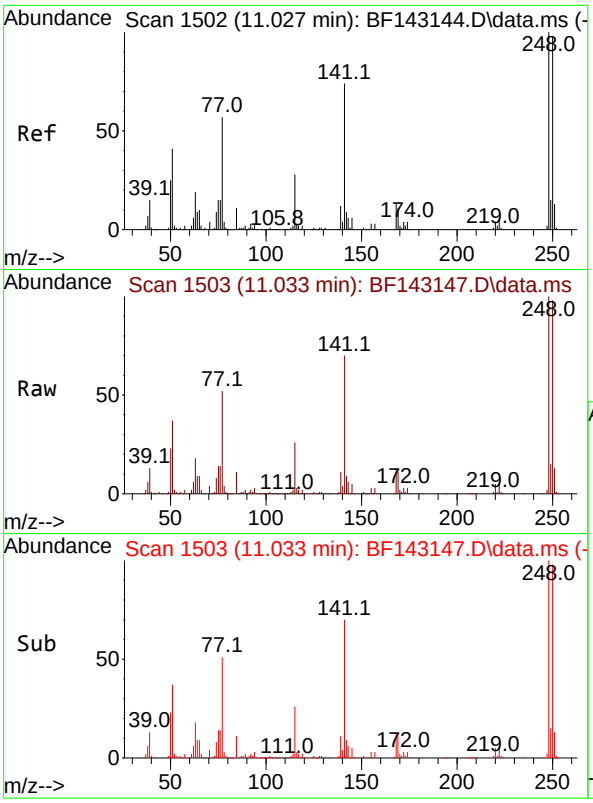


#66
n-Nitrosodiphenylamine
Concen: 72.014 ng
RT: 10.663 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:169 Resp: 1087990

Ion	Ratio	Lower	Upper
169	100		
168	66.8	52.1	78.1
167	36.1	28.2	42.2



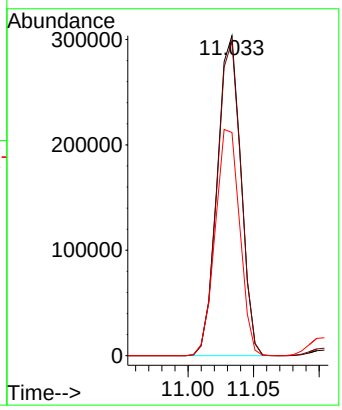


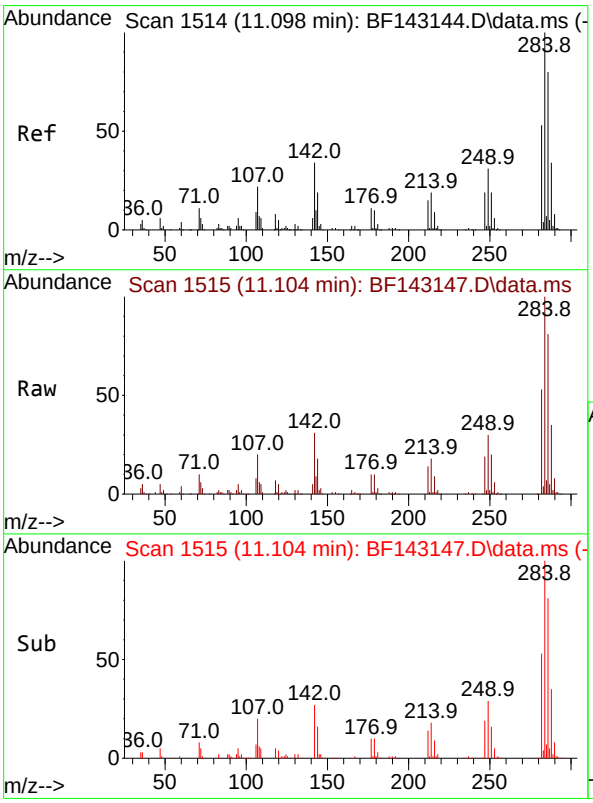
#67
4-Bromophenyl-phenylether
Concen: 74.734 ng
RT: 11.033 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:248 Resp: 382122

Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.3	117.5
141	69.8	59.2	88.8

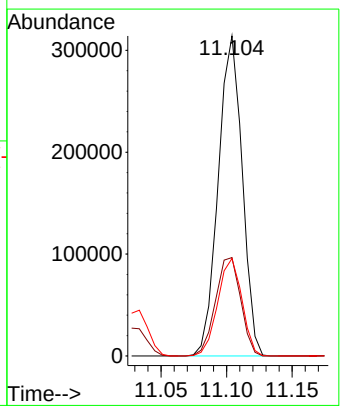


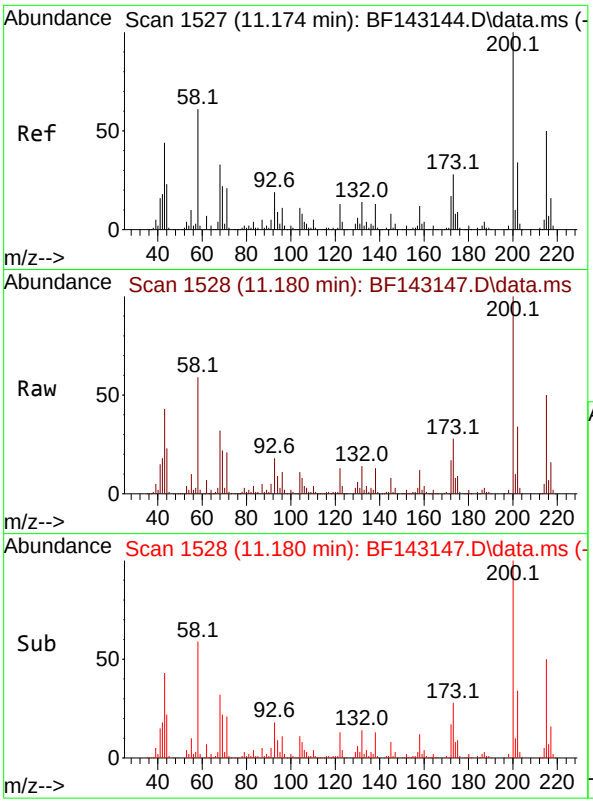


#68
Hexachlorobenzene
Concen: 74.680 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:284 Resp: 399107

Ion	Ratio	Lower	Upper
284	100		
142	30.7	27.0	40.6
249	30.5	25.0	37.6



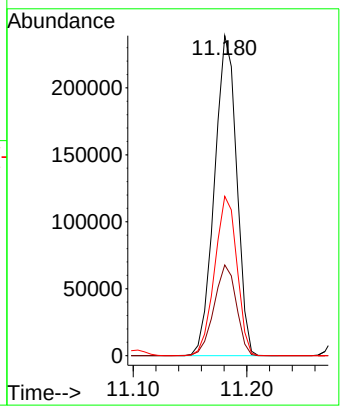


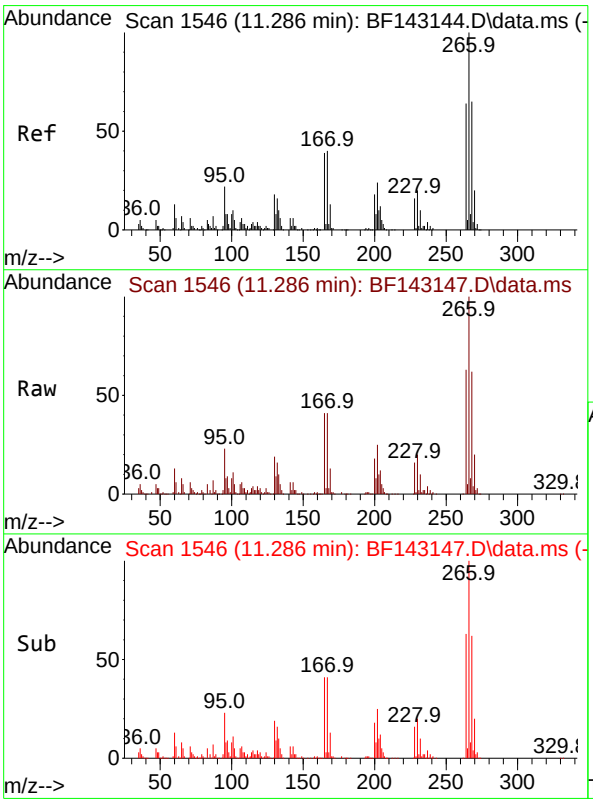
#69
Atrazine
Concen: 77.819 ng
RT: 11.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:200 Resp: 324126

Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.9	47.9
215	49.8	30.1	70.1

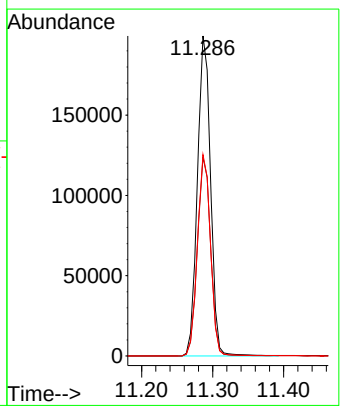


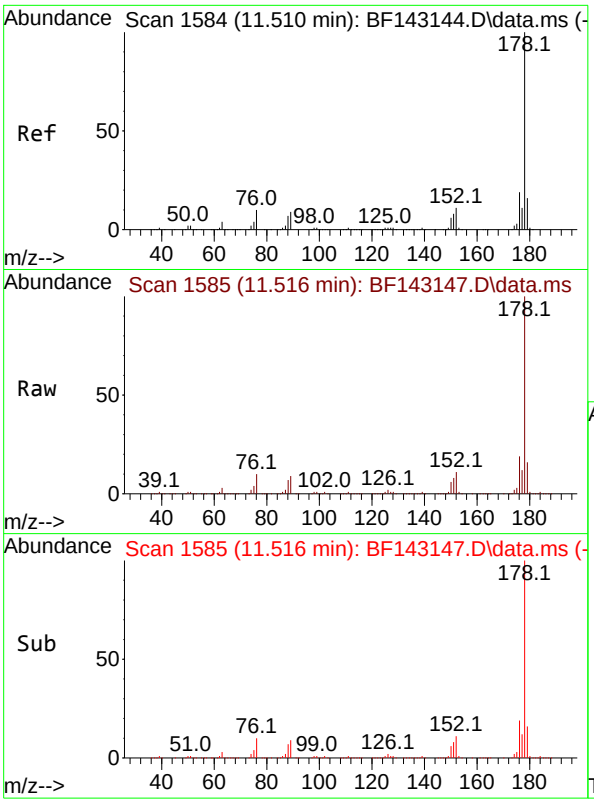


#70
Pentachlorophenol
Concen: 81.829 ng
RT: 11.286 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:266 Resp: 257176

Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.9	77.9
264	62.9	51.0	76.6



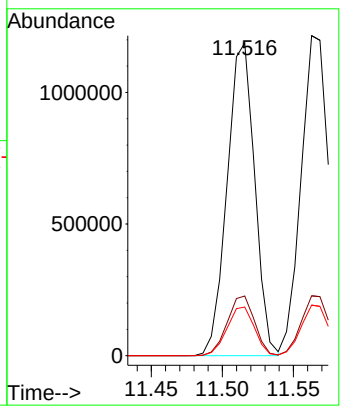


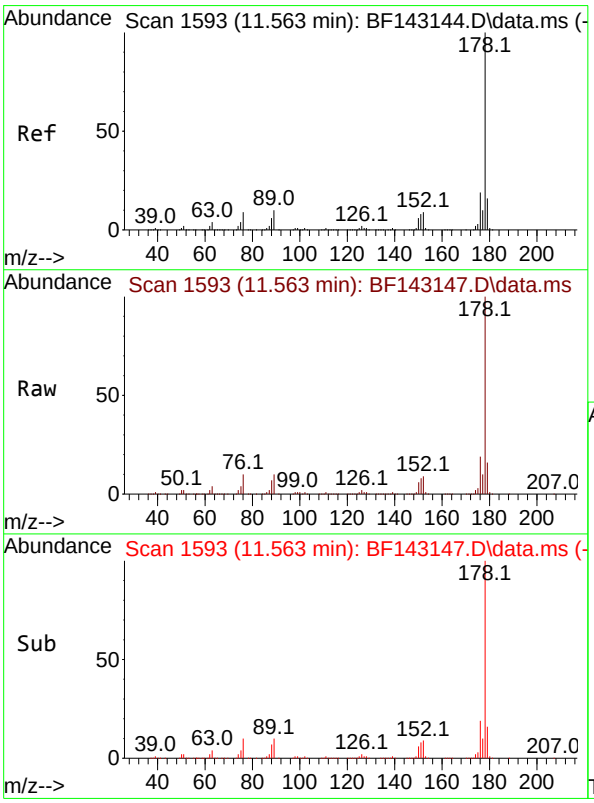
#71
Phenanthrene
Concen: 70.331 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 1602208

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.5	12.5	18.7

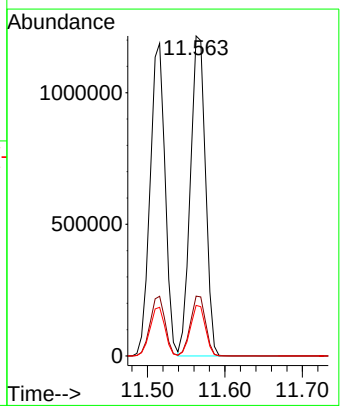


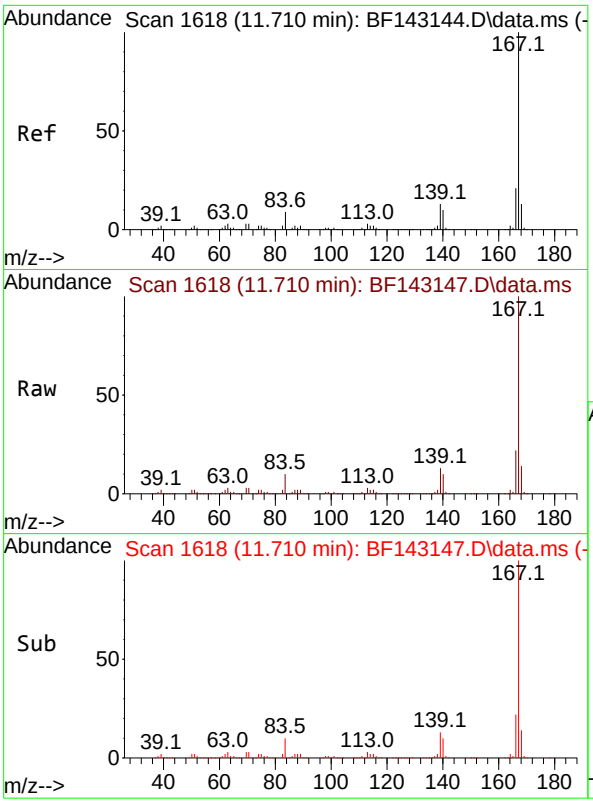


#72
Anthracene
Concen: 70.640 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:178 Resp: 1641264

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.8	12.5	18.7



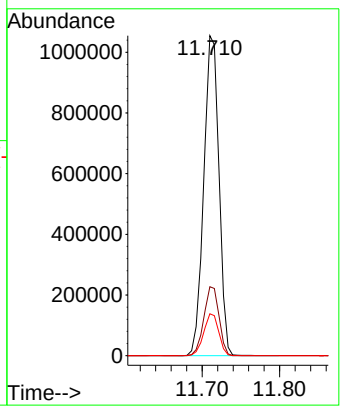


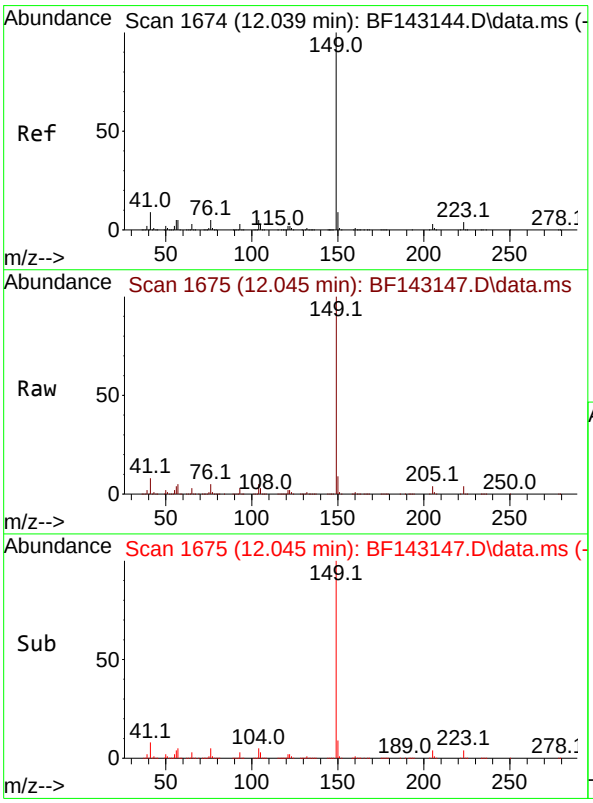
#73
Carbazole
Concen: 70.754 ng
RT: 11.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:167 Resp: 1435444

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.6
139	13.1	10.0	15.0

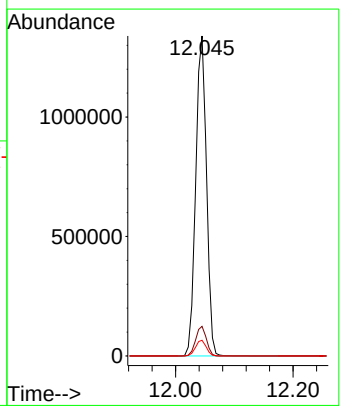


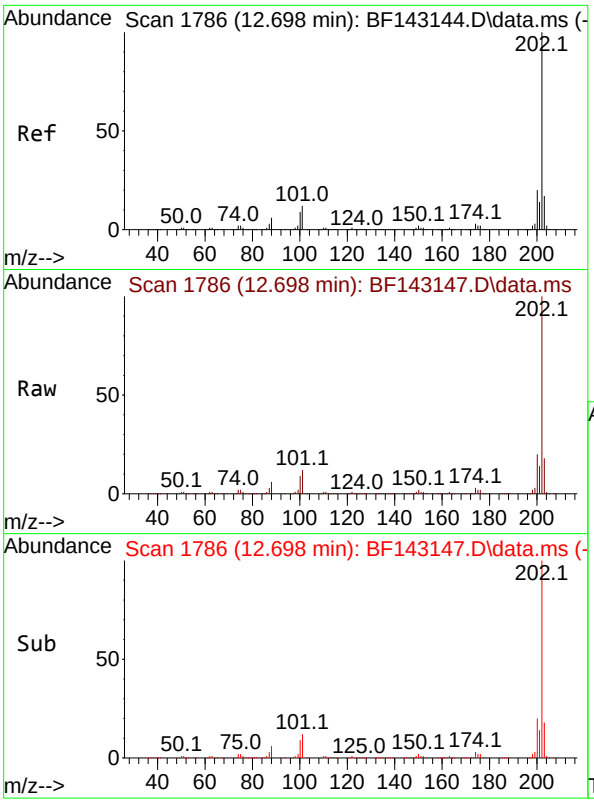


#74
Di-n-butylphthalate
Concen: 74.034 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:149 Resp: 1699503

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.9	3.8	5.8



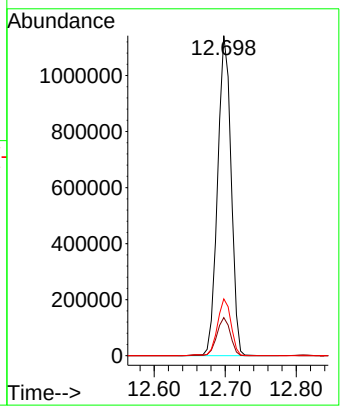


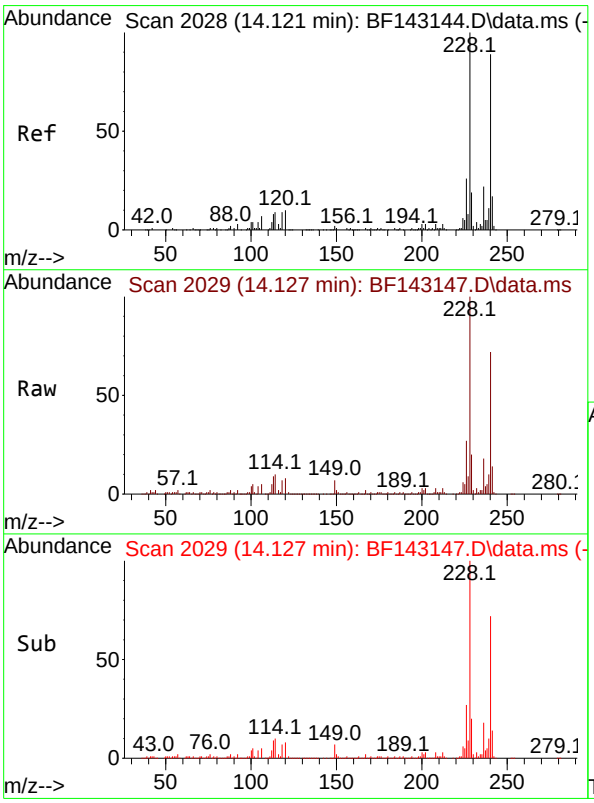
#75
Fluoranthene
Concen: 71.645 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp: 1498103

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.7
203	17.8	0.0	37.4

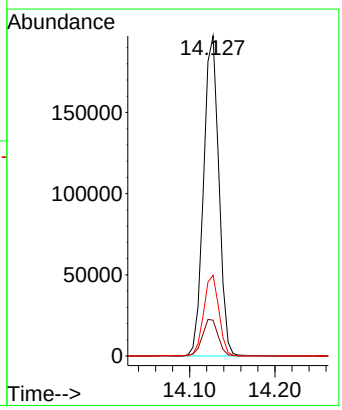


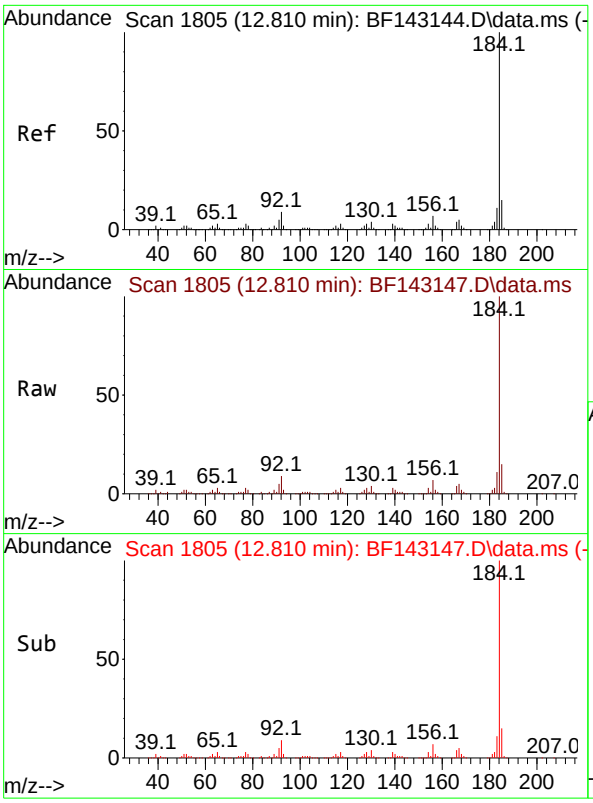


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:240 Resp: 245351

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.4	14.2
236	25.2	20.2	30.4



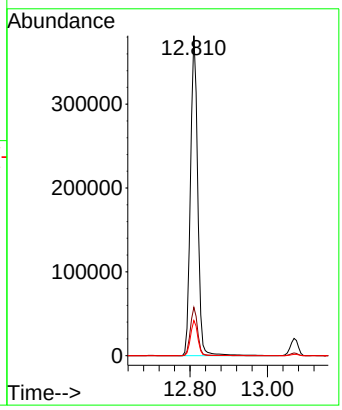


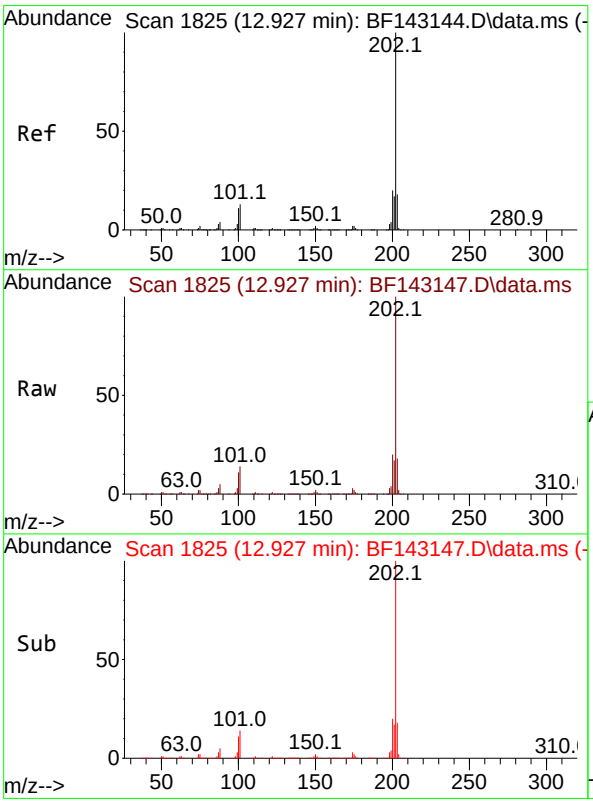
#77
Benzidine
Concen: 52.548 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:184 Resp: 496717

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.2	18.4
183	11.0	9.0	13.4

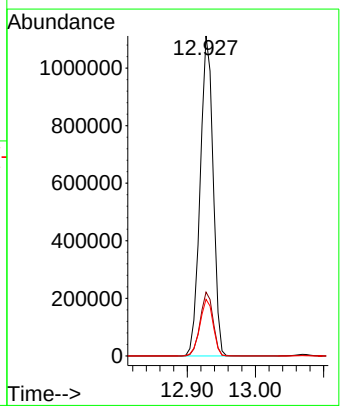


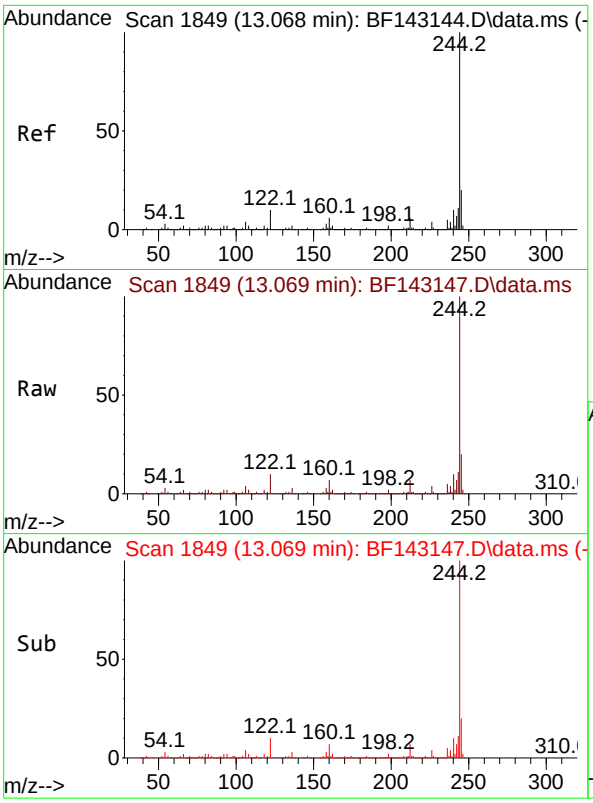


#78
Pyrene
Concen: 70.021 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:202 Resp: 1466205

Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.7	23.5
203	17.7	14.2	21.2



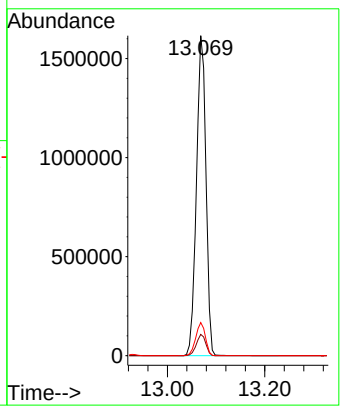


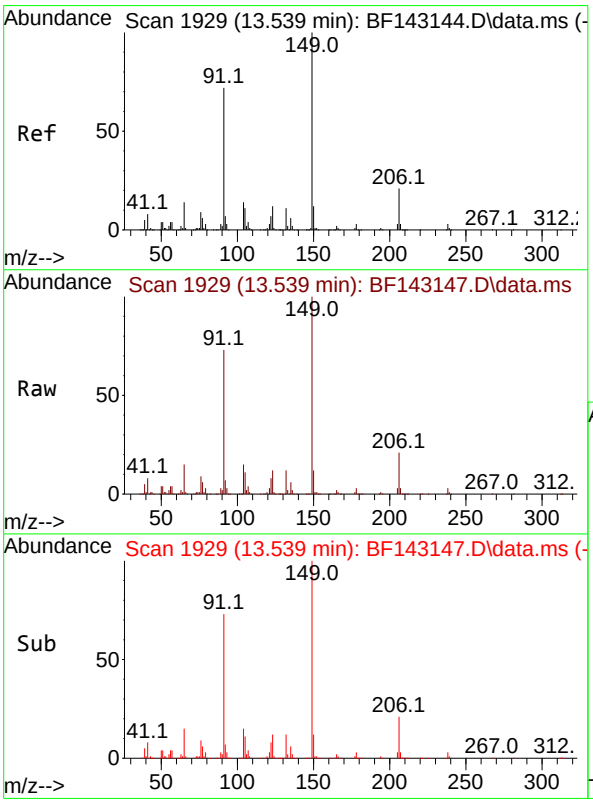
#79
Terphenyl-d14
Concen: 133.606 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:244 Resp: 2202828

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	10.4	8.2	12.2

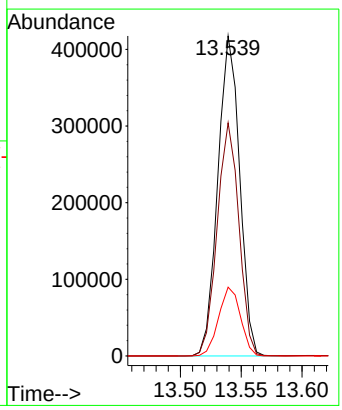


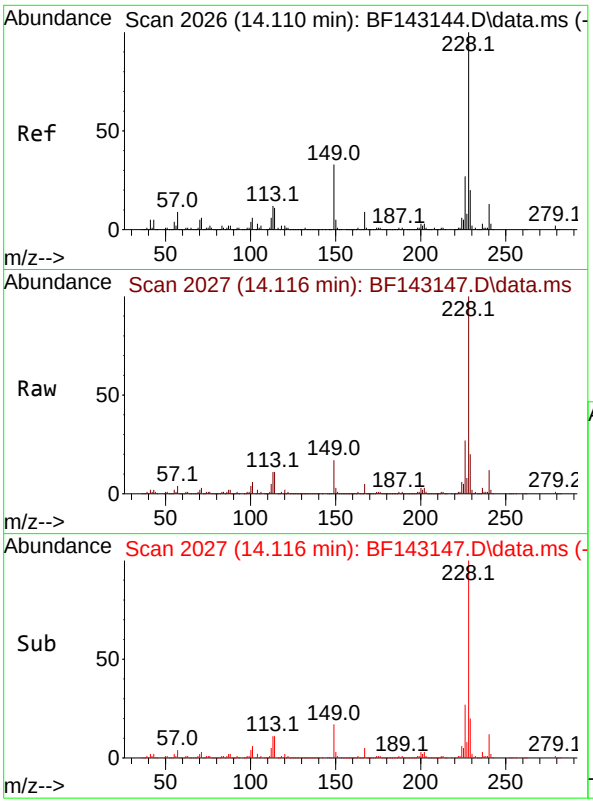


#80
Butylbenzylphthalate
Concen: 81.353 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:149 Resp: 521631

Ion	Ratio	Lower	Upper
149	100		
91	72.9	57.9	86.9
206	21.5	17.0	25.4



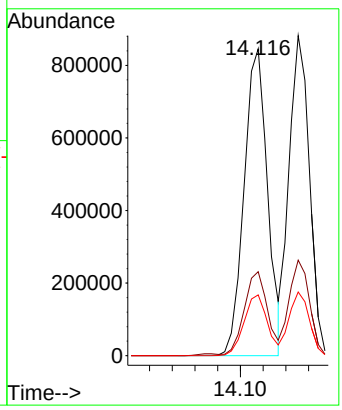


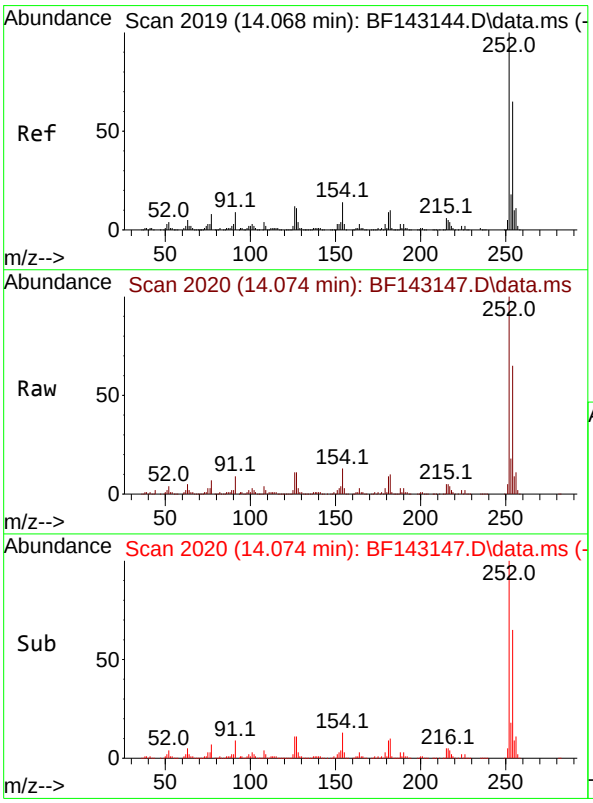
#81
Benzo(a)anthracene
Concen: 73.788 ng
RT: 14.116 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 1212056

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.7	32.5
229	19.8	15.8	23.6

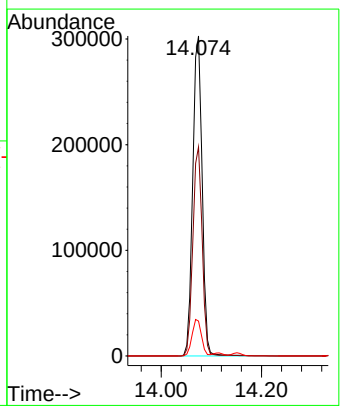


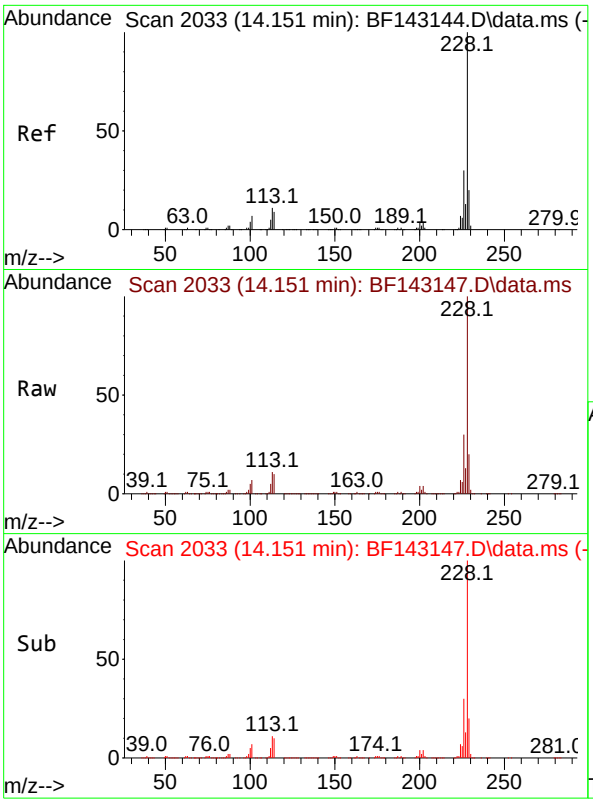


#82
3,3'-Dichlorobenzidine
Concen: 71.867 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:252 Resp: 393448

Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.7	77.5
126	10.9	9.4	14.0



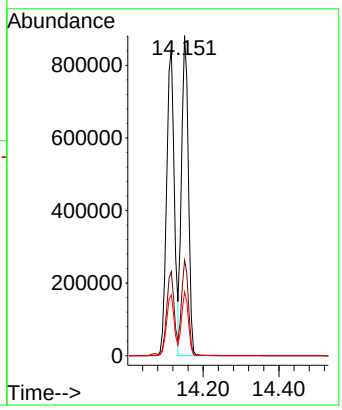


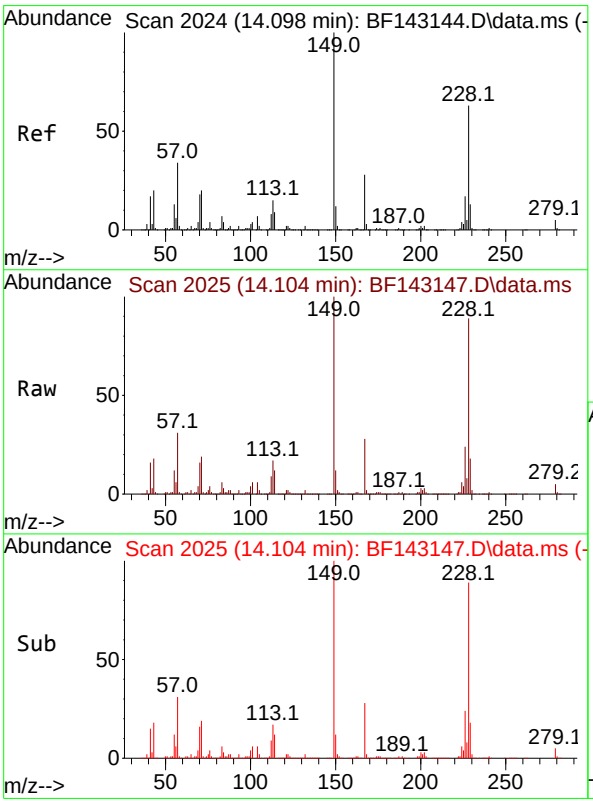
#83
Chrysene
Concen: 74.863 ng
RT: 14.151 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 1105636

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.9	15.6	23.4

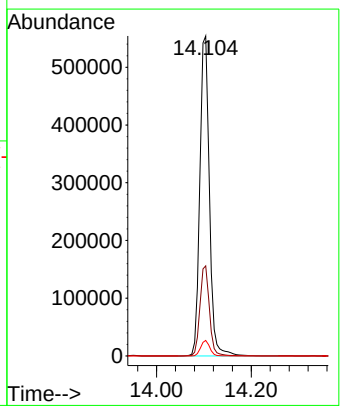


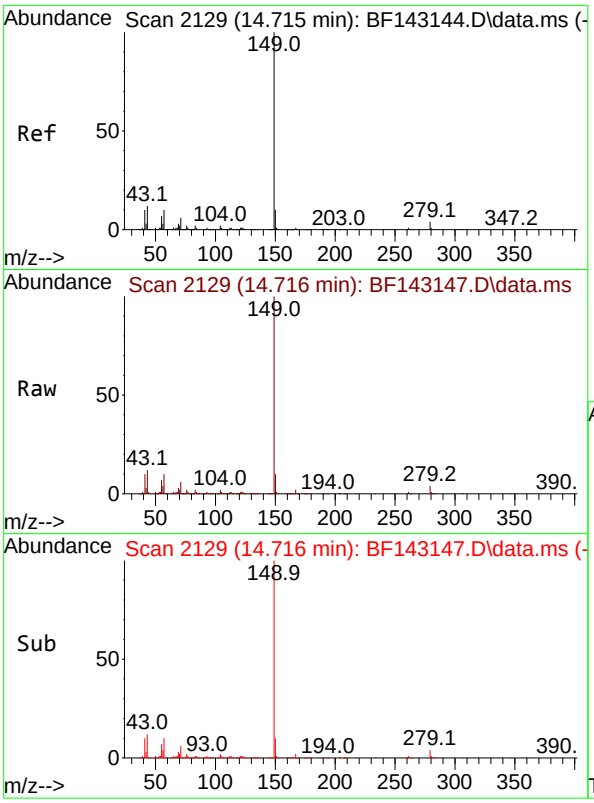


#84
Bis(2-ethylhexyl)phthalate
Concen: 79.790 ng
RT: 14.104 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:149 Resp: 774366

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.3	33.5
279	4.9	3.6	5.4



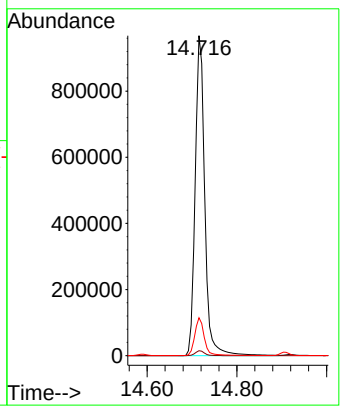


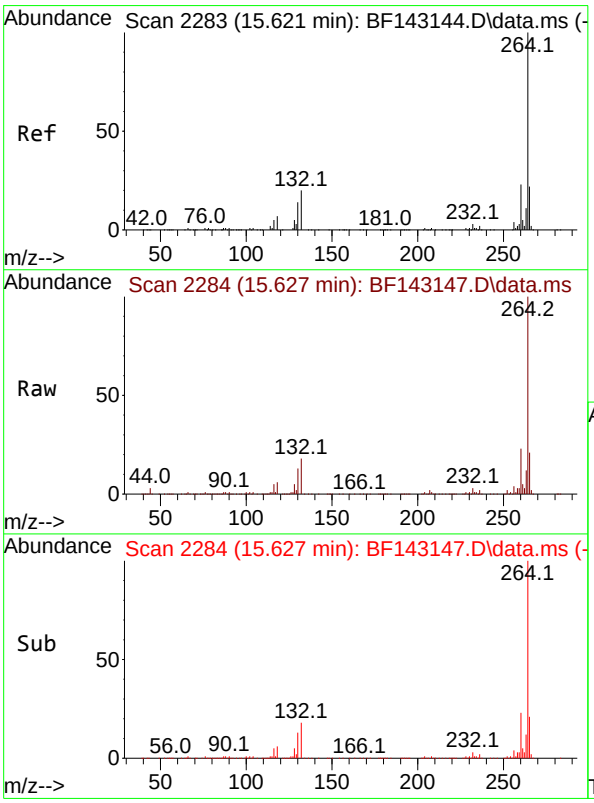
#85
Di-n-octyl phthalate
Concen: 81.519 ng
RT: 14.716 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 1434055

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.9	9.7	14.5

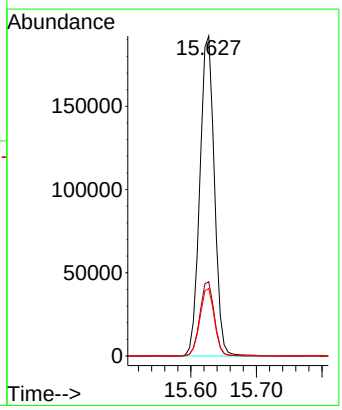


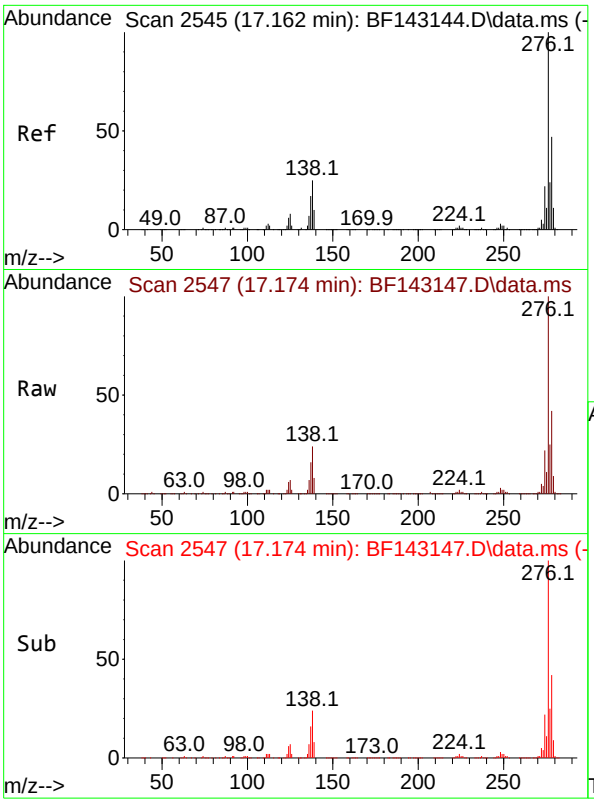


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:264 Resp: 296687

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.1	17.4	26.2



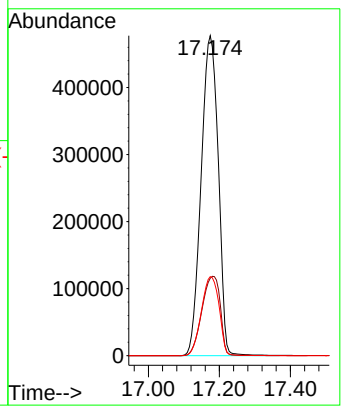


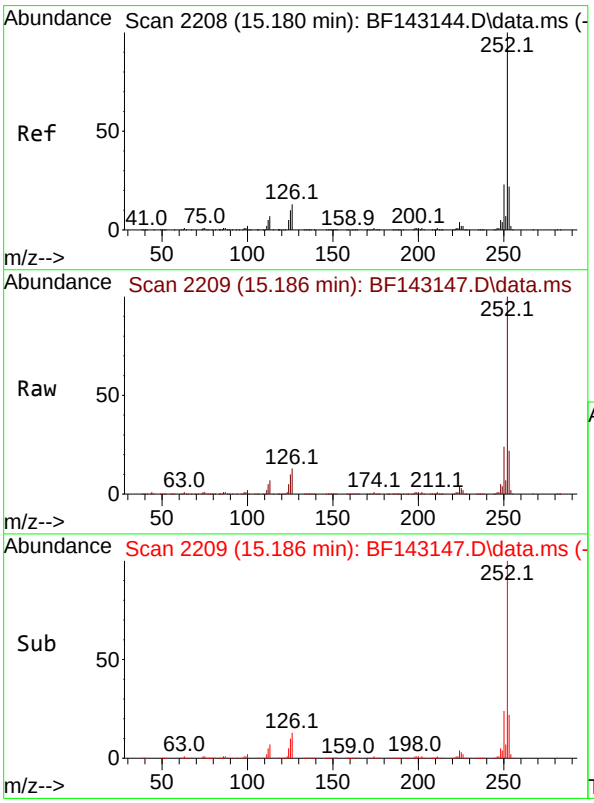
#87
Indeno(1,2,3-cd)pyrene
Concen: 76.718 ng
RT: 17.174 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:276 Resp: 1604969

Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.8	32.6
277	25.5	20.0	30.0

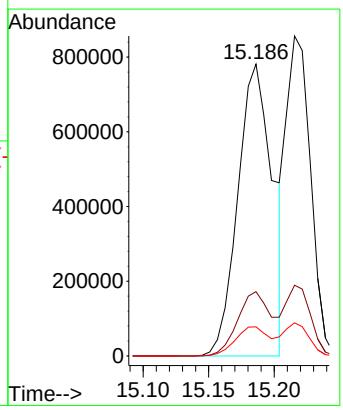


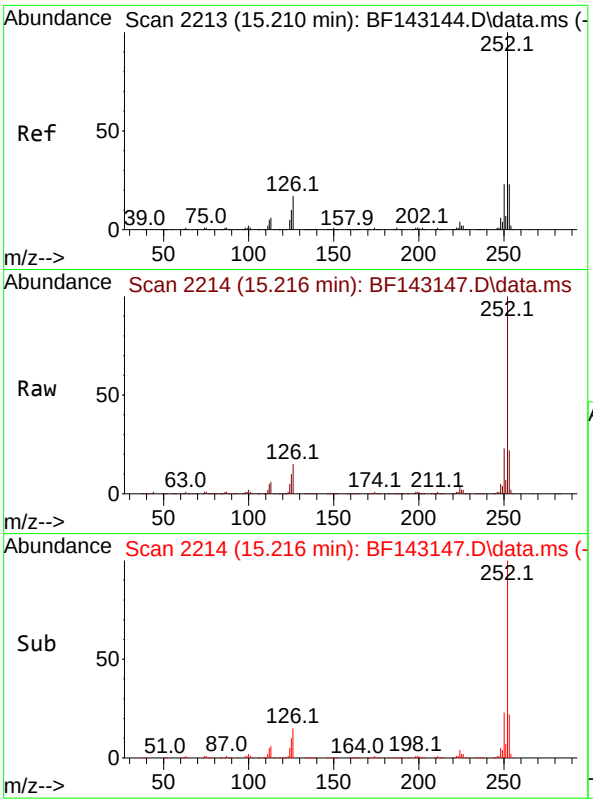


#88
Benzo(b)fluoranthene
Concen: 79.367 ng
RT: 15.186 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:252 Resp: 1438518

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.0	8.0	12.0



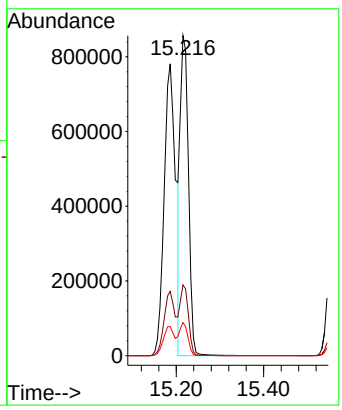


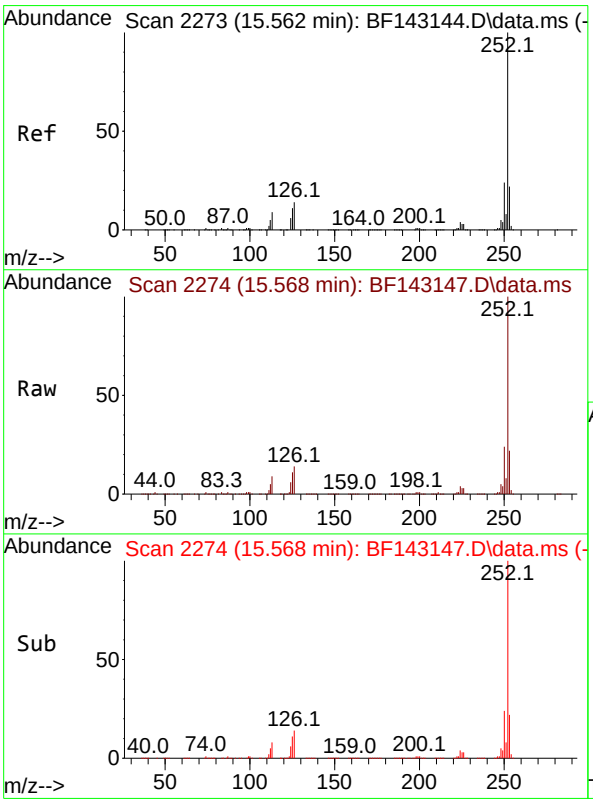
#89
Benzo(k)fluoranthene
Concen: 68.737 ng
RT: 15.216 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 1111726

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.4	8.1	12.1

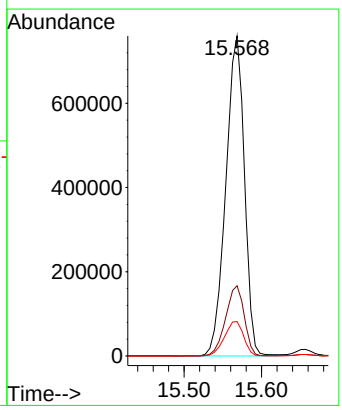


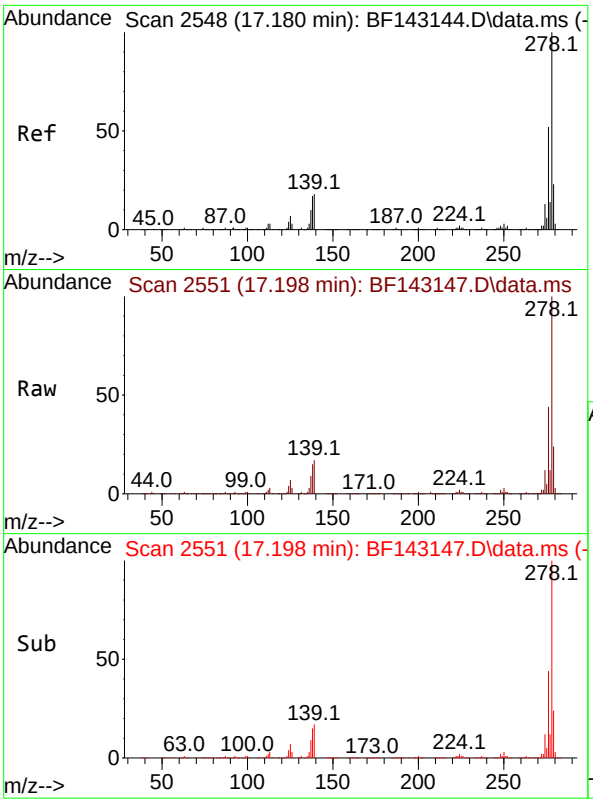


#90
Benzo(a)pyrene
Concen: 76.006 ng
RT: 15.568 min Scan# 2274
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:252 Resp: 1269253

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	10.8	8.6	13.0



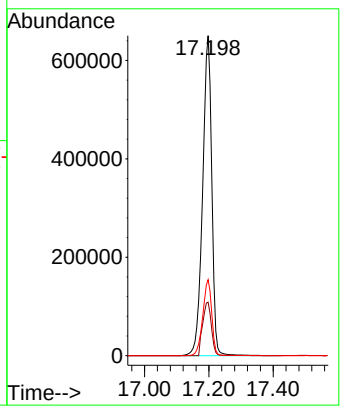


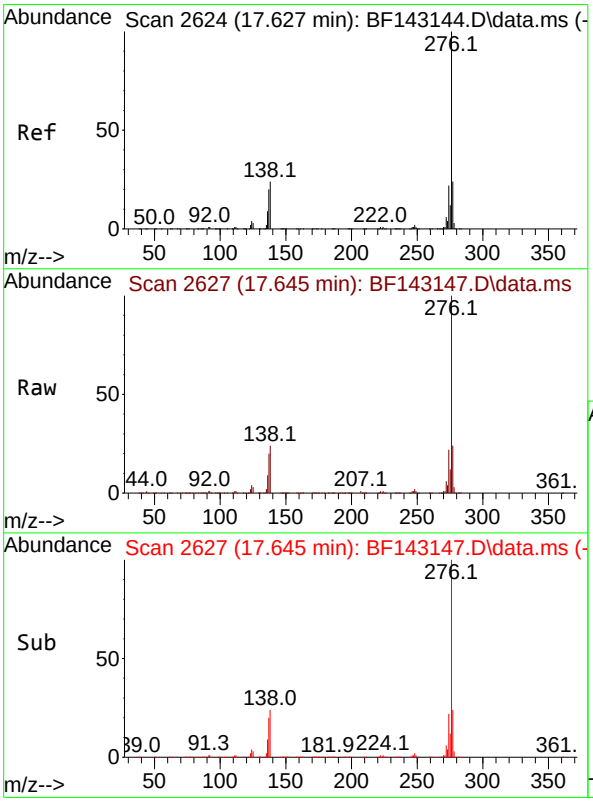
#91
Dibenzo(a,h)anthracene
Concen: 75.746 ng
RT: 17.198 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:278 Resp: 1289789

Ion	Ratio	Lower	Upper
278	100		
139	16.7	14.1	21.1
279	23.8	18.6	28.0

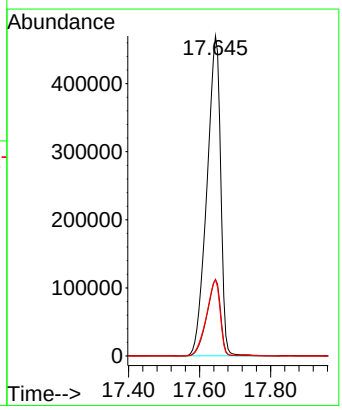




#92
Benzo(g,h,i)perylene
Concen: 76.846 ng
RT: 17.645 min Scan# 2627
Delta R.T. 0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:276 Resp: 1265778

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	23.7	18.9	28.3



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	143868	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	559677	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	287255	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	457098	20.000	ng	0.00
76) Chrysene-d12	14.121	240	265008	20.000	ng	0.00
86) Perylene-d12	15.621	264	310192	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	701339	77.143	ng	0.00
7) Phenol-d6	6.581	99	894087	78.133	ng	0.00
23) Nitrobenzene-d5	7.522	82	811178	72.247	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	237309	79.969	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1449098	68.992	ng	0.00
79) Terphenyl-d14	13.068	244	1234701	69.333	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.793	88	165605	38.496	ng	98
3) Pyridine	3.569	79	453367	40.604	ng	99
4) n-Nitrosodimethylamine	3.510	42	235215	40.802	ng	97
6) Aniline	6.622	93	655116	41.078	ng	99
8) 2-Chlorophenol	6.745	128	395767	41.530	ng	99
9) Benzaldehyde	6.510	77	321269	37.441	ng	98
10) Phenol	6.598	94	542809	43.542	ng	99
11) bis(2-Chloroethyl)ether	6.692	93	387791	40.628	ng	100
12) 1,3-Dichlorobenzene	6.904	146	418232	40.400	ng	99
13) 1,4-Dichlorobenzene	6.981	146	424629	40.731	ng	99
14) 1,2-Dichlorobenzene	7.134	146	411560	41.506	ng	99
15) Benzyl Alcohol	7.098	79	366608	41.958	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	732274	41.357	ng	100
17) 2-Methylphenol	7.204	107	331709	41.398	ng	99
18) Hexachloroethane	7.481	117	151232	41.903	ng	98
19) n-Nitroso-di-n-propyla...	7.375	70	296171	40.342	ng	100
20) 3+4-Methylphenols	7.357	107	412065	42.387	ng	98
22) Acetophenone	7.369	105	533464	40.260	ng	99
24) Nitrobenzene	7.539	77	436834	41.731	ng	98
25) Isophorone	7.781	82	804071	40.567	ng	99
26) 2-Nitrophenol	7.857	139	203967	44.896	ng	100
27) 2,4-Dimethylphenol	7.886	122	377575	40.773	ng	100
28) bis(2-Chloroethoxy)met...	7.986	93	474637	39.939	ng	99
29) 2,4-Dichlorophenol	8.092	162	319216	40.875	ng	98
30) 1,2,4-Trichlorobenzene	8.186	180	342135	40.551	ng	99
31) Naphthalene	8.269	128	1106482	40.143	ng	100
32) Benzoic acid	7.986	122	202337	39.782	ng	98
33) 4-Chloroaniline	8.310	127	457742	40.671	ng	99
34) Hexachlorobutadiene	8.386	225	212781	41.284	ng	100
35) Caprolactam	8.675	113	96661	40.959	ng	98
36) 4-Chloro-3-methylphenol	8.780	107	344726	40.611	ng	99
37) 2-Methylnaphthalene	8.957	142	675594	40.279	ng	100
38) 1-Methylnaphthalene	9.057	142	703170	40.712	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	339567	40.944	ng	98
41) Hexachlorocyclopentadiene	9.116	237	231349	42.872	ng	99
43) 2,4,6-Trichlorophenol	9.228	196	231043	40.253	ng	99

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	246820	42.989	ng	97
46) 1,1'-Biphenyl	9.422	154	920059	41.053	ng	100
47) 2-Chloronaphthalene	9.445	162	666359	40.184	ng	100
48) 2-Nitroaniline	9.533	65	227376	43.723	ng	100
49) Acenaphthylene	9.863	152	1111992	40.013	ng	100
50) Dimethylphthalate	9.716	163	753041	40.218	ng	100
51) 2,6-Dinitrotoluene	9.775	165	166911	43.820	ng	98
52) Acenaphthene	10.033	154	659908	40.176	ng	99
53) 3-Nitroaniline	9.939	138	191512	42.985	ng	98
54) 2,4-Dinitrophenol	10.045	184	64659	40.998	ng	98
55) Dibenzofuran	10.204	168	974991	39.981	ng	100
56) 4-Nitrophenol	10.086	139	140876	42.344	ng	99
57) 2,4-Dinitrotoluene	10.175	165	212369	44.440	ng	97
58) Fluorene	10.551	166	717816	39.219	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	198530	41.743	ng	99
60) Diethylphthalate	10.416	149	753774	40.729	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	367981	40.377	ng	99
62) 4-Nitroaniline	10.551	138	160193	41.953	ng	98
63) Azobenzene	10.698	77	779524	40.414	ng	100
65) 4,6-Dinitro-2-methylph...	10.586	198	98462	41.869	ng	97
66) n-Nitrosodiphenylamine	10.657	169	647855	40.250	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	222405	40.828	ng	100
68) Hexachlorobenzene	11.098	284	229272	40.268	ng	100
69) Atrazine	11.174	200	189104	42.615	ng	99
70) Pentachlorophenol	11.286	266	141608	42.292	ng	99
71) Phenanthrene	11.510	178	971448	40.026	ng	100
72) Anthracene	11.563	178	1003925	40.557	ng	99
73) Carbazole	11.710	167	874867	40.476	ng	100
74) Di-n-butylphthalate	12.039	149	1035244	42.330	ng	100
75) Fluoranthene	12.698	202	909717	40.836	ng	100
77) Benzidine	12.810	184	441470	43.239	ng	100
78) Pyrene	12.927	202	902771	39.916	ng	99
80) Butylbenzylphthalate	13.539	149	303528	43.827	ng	98
81) Benzo(a)anthracene	14.110	228	708799	39.950	ng	100
82) 3,3'-Dichlorobenzidine	14.068	252	258837	43.772	ng	100
83) Chrysene	14.145	228	673701	42.233	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	456811	43.578	ng	100
85) Di-n-octyl phthalate	14.715	149	818512	43.077	ng	100
87) Indeno(1,2,3-cd)pyrene	17.162	276	896404	40.983	ng	100
88) Benzo(b)fluoranthene	15.180	252	820119	43.278	ng	100
89) Benzo(k)fluoranthene	15.209	252	634642	37.531	ng	99
90) Benzo(a)pyrene	15.562	252	708756	40.594	ng	99
91) Dibenzo(a,h)anthracene	17.180	278	724758	40.710	ng	99
92) Benzo(g,h,i)perylene	17.627	276	712864	41.394	ng	100

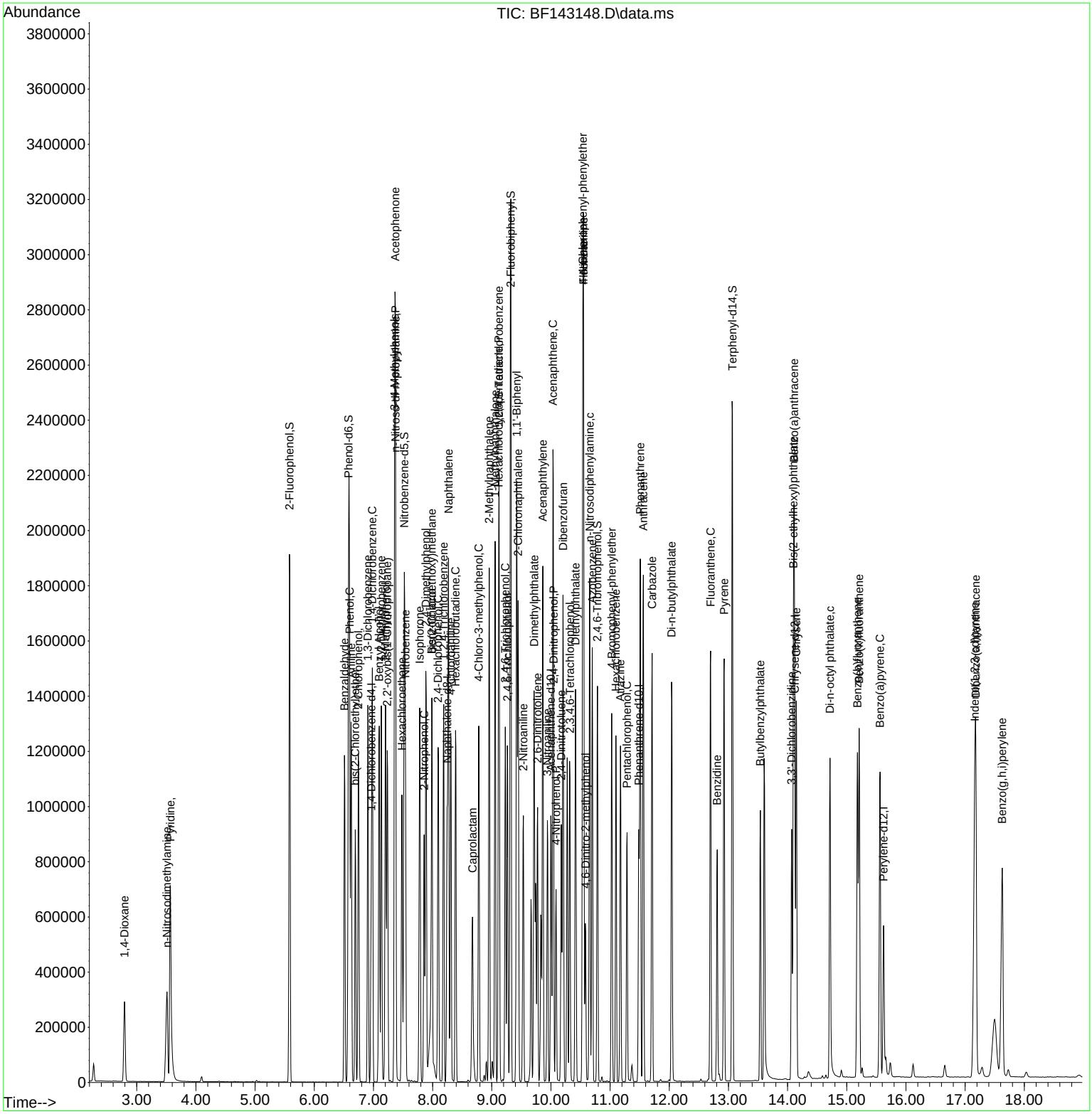
(#) = qualifier out of range (m) = manual integration (+) = signals summed

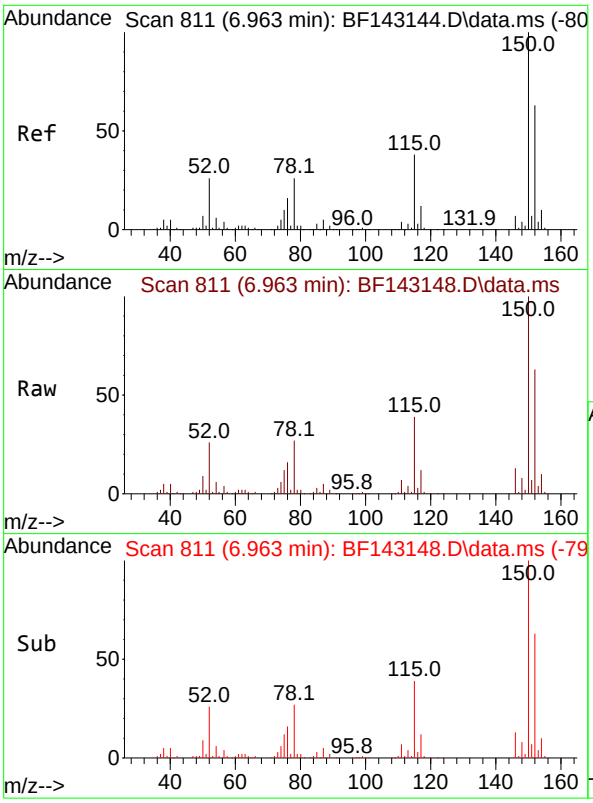
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



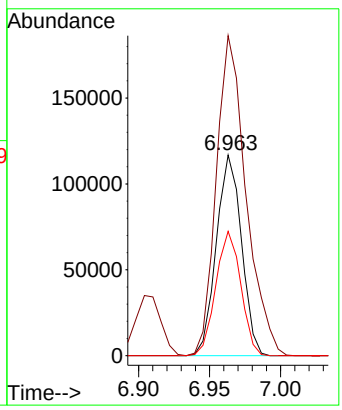


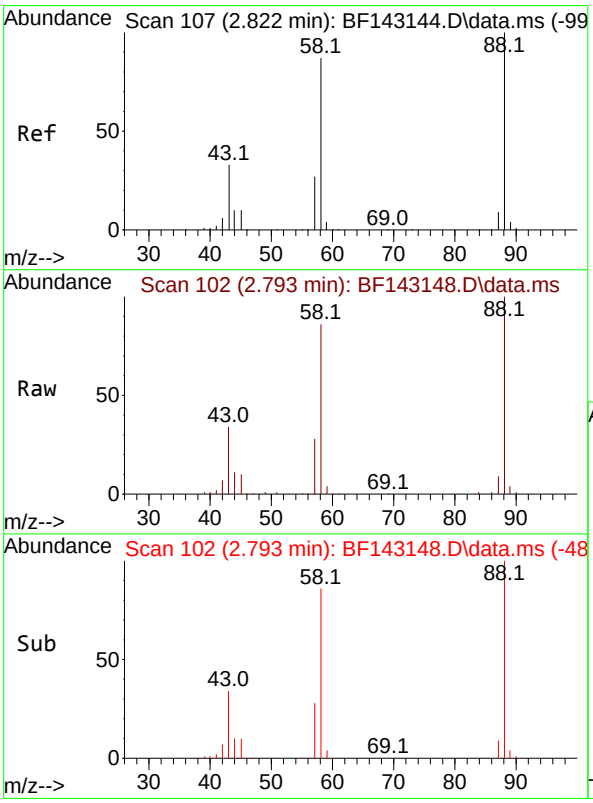
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:152 Resp: 143868

Ion	Ratio	Lower	Upper
152	100		
150	159.5	128.2	192.4
115	62.0	47.9	71.9

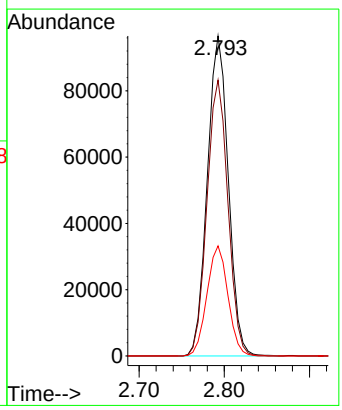


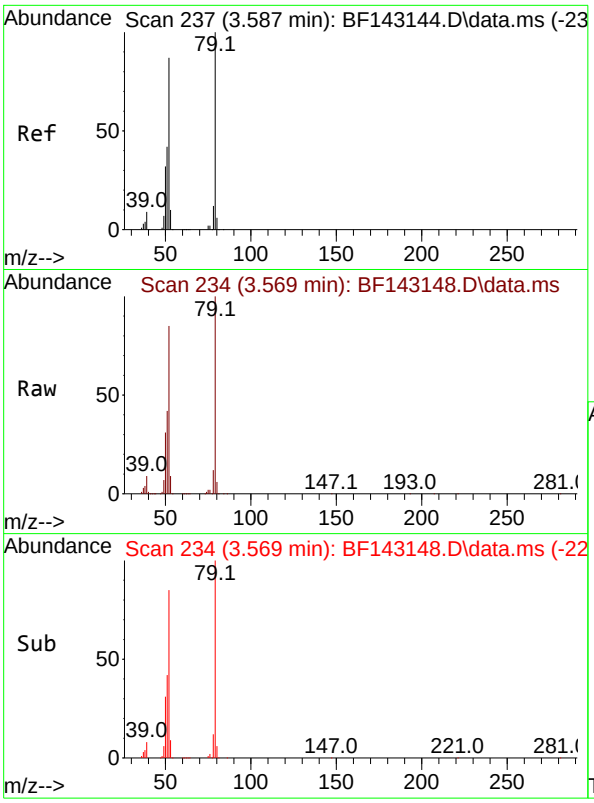


#2
1,4-Dioxane
Concen: 38.496 ng
RT: 2.793 min Scan# 102
Delta R.T. -0.029 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 88 Resp: 165605

Ion	Ratio	Lower	Upper
88	100		
58	86.0	70.2	105.2
43	34.4	27.1	40.7



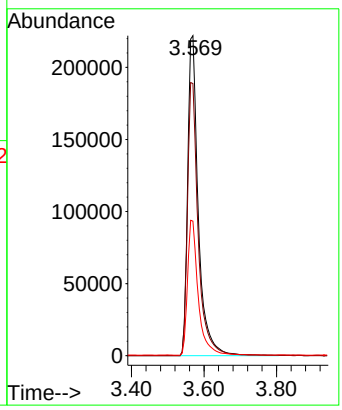


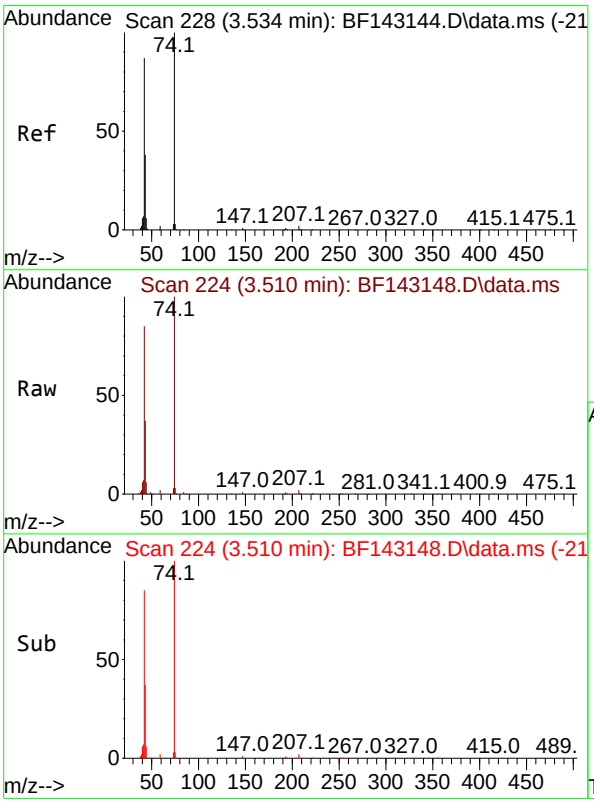
#3
Pyridine
Concen: 40.604 ng
RT: 3.569 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion: 79 Resp: 453367

Ion	Ratio	Lower	Upper
79	100		
52	85.0	69.4	104.2
51	42.0	33.5	50.3

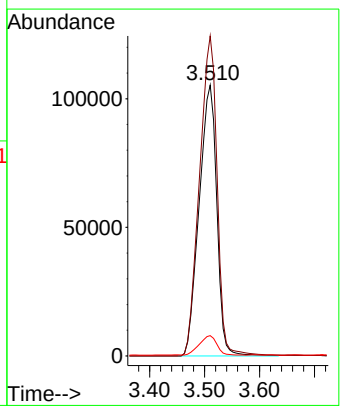


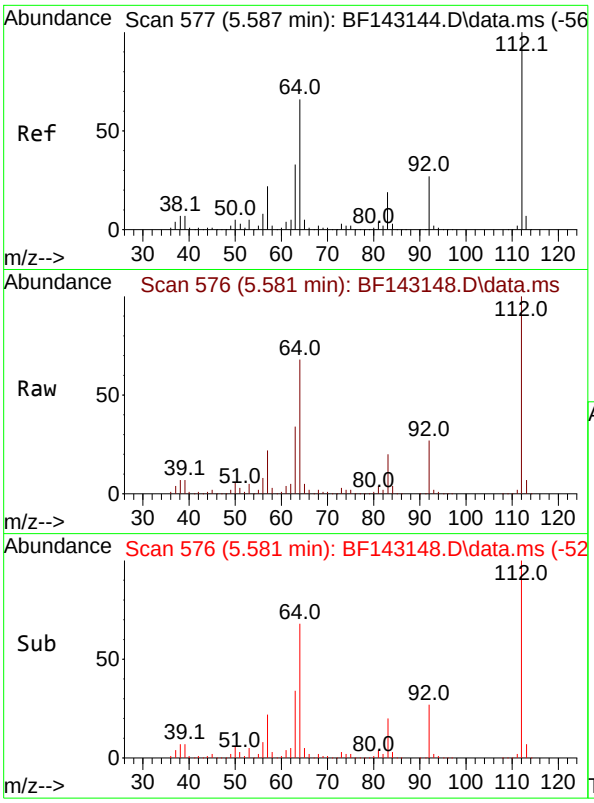


#4
n-Nitrosodimethylamine
Concen: 40.802 ng
RT: 3.510 min Scan# 224
Delta R.T. -0.024 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 42 Resp: 235215

Ion	Ratio	Lower	Upper
42	100		
74	118.1	91.7	137.5
44	7.5	5.6	8.4



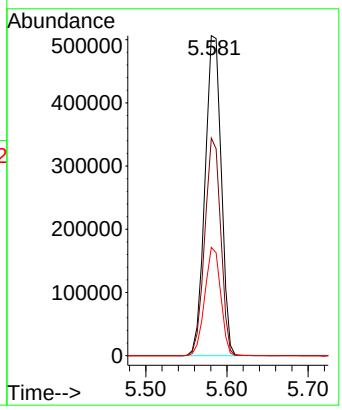


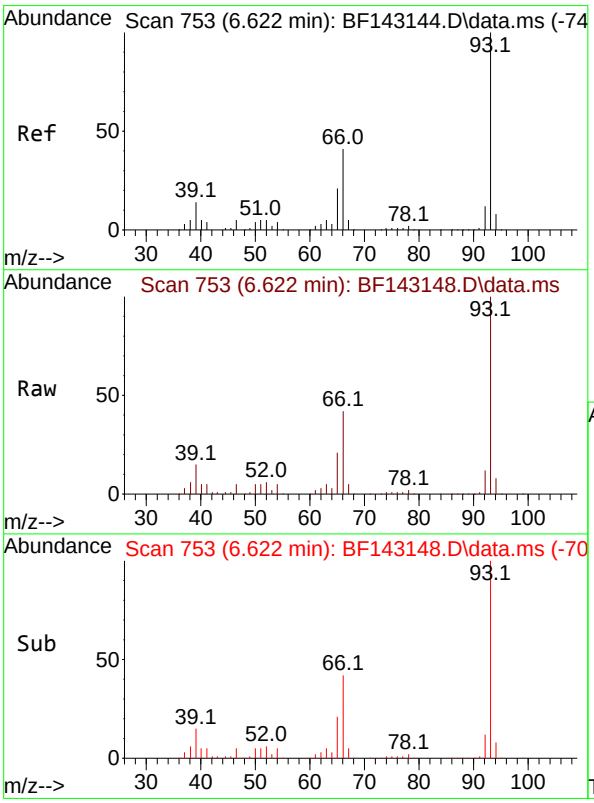
#5
2-Fluorophenol
Concen: 77.143 ng
RT: 5.581 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:112 Resp: 701339

Ion	Ratio	Lower	Upper
112	100		
64	68.0	53.1	79.7
63	33.9	26.6	40.0

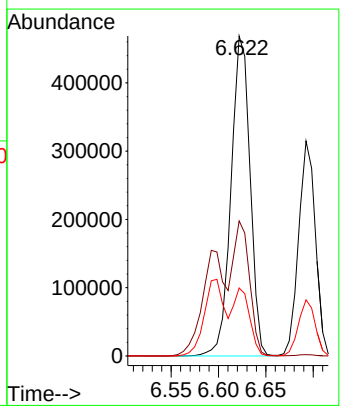


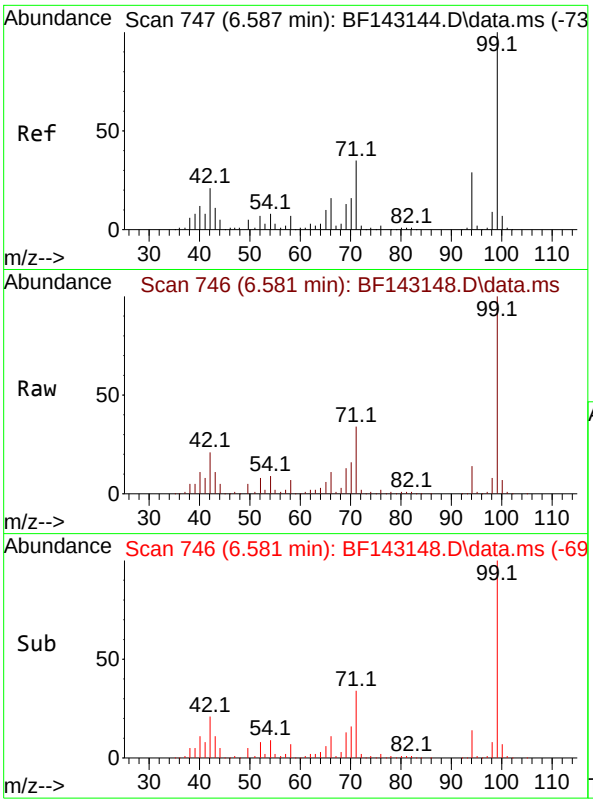


#6
Aniline
Concen: 41.078 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 93 Resp: 655116

Ion	Ratio	Lower	Upper
93	100		
66	42.2	33.2	49.8
65	21.3	16.9	25.3



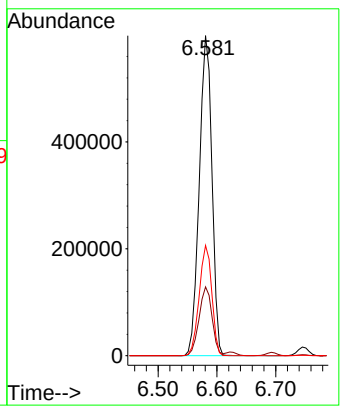


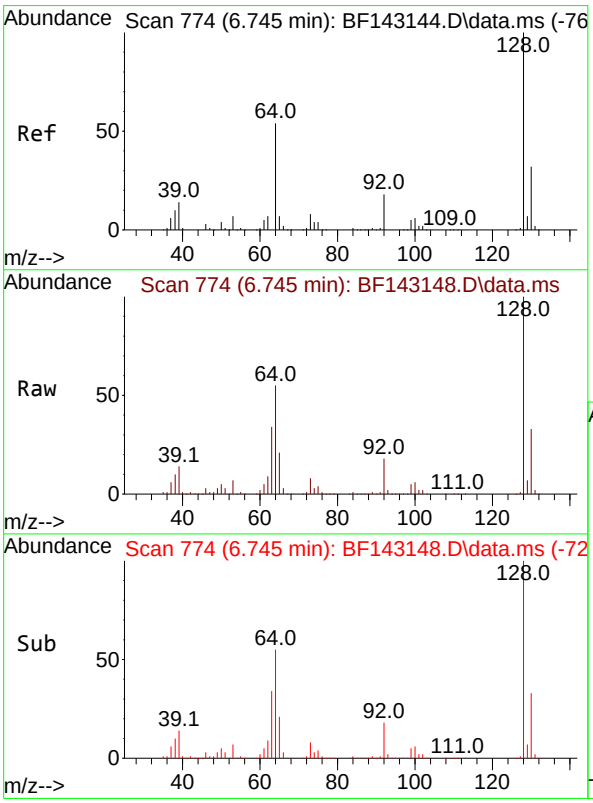
#7
Phenol-d6
Concen: 78.133 ng
RT: 6.581 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion: 99 Resp: 894087

Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.0	25.6
71	34.5	27.7	41.5

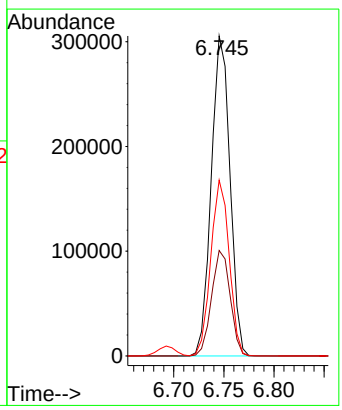


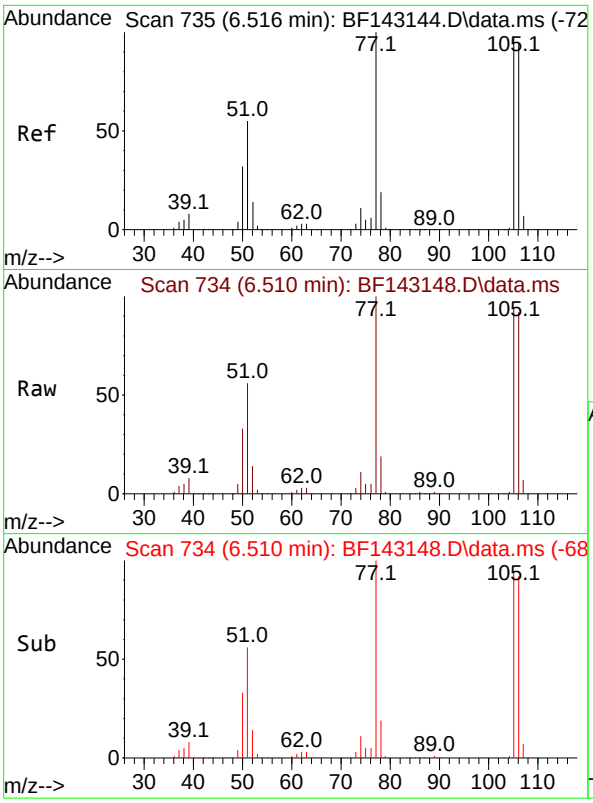


#8
2-Chlorophenol
Concen: 41.530 ng
RT: 6.745 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:128 Resp: 395767

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.3	52.3
64	54.9	35.9	75.9



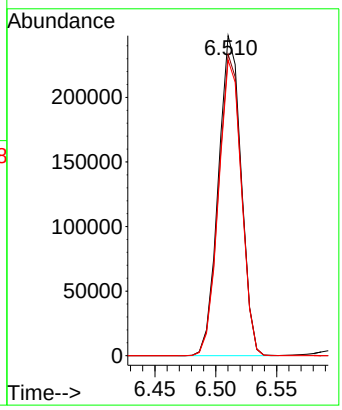


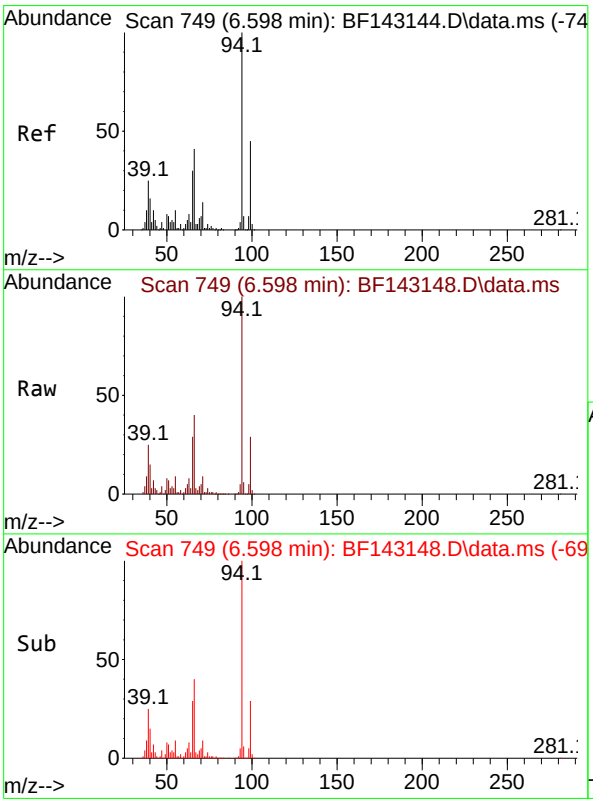
#9
Benzaldehyde
Concen: 37.441 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion: 77 Resp: 321269

Ion	Ratio	Lower	Upper
77	100		
105	94.2	76.8	116.8
106	92.4	74.4	114.4

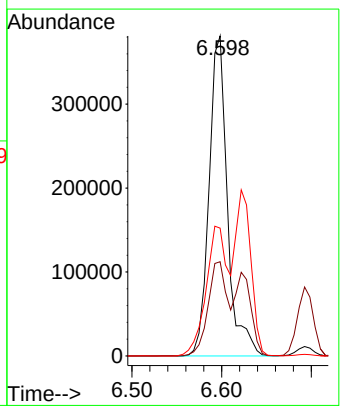


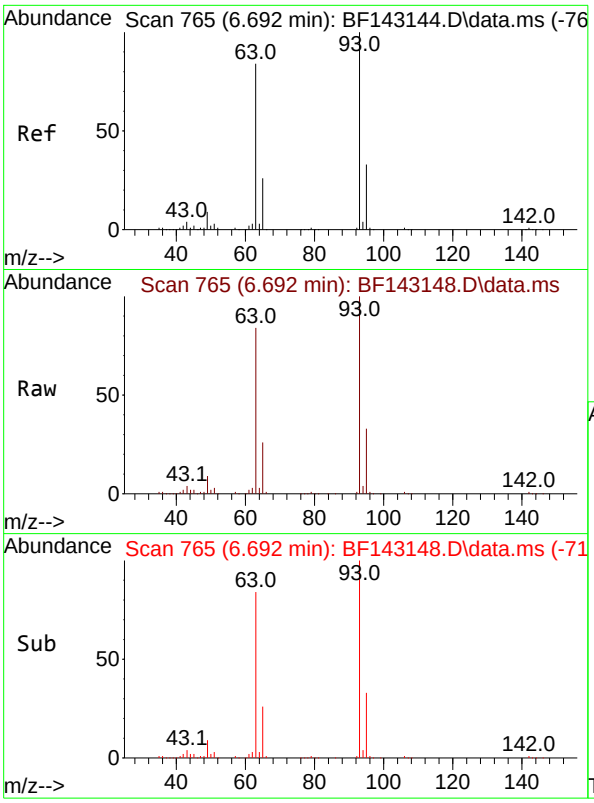


#10
Phenol
Concen: 43.542 ng
RT: 6.598 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 94 Resp: 542809

Ion	Ratio	Lower	Upper
94	100		
65	29.4	10.0	50.0
66	40.0	20.8	60.8



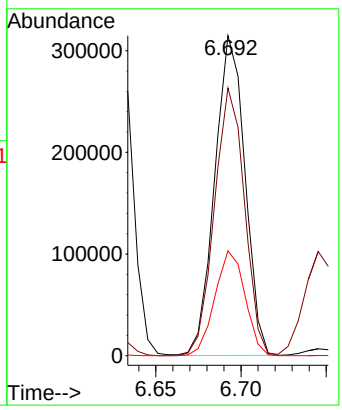


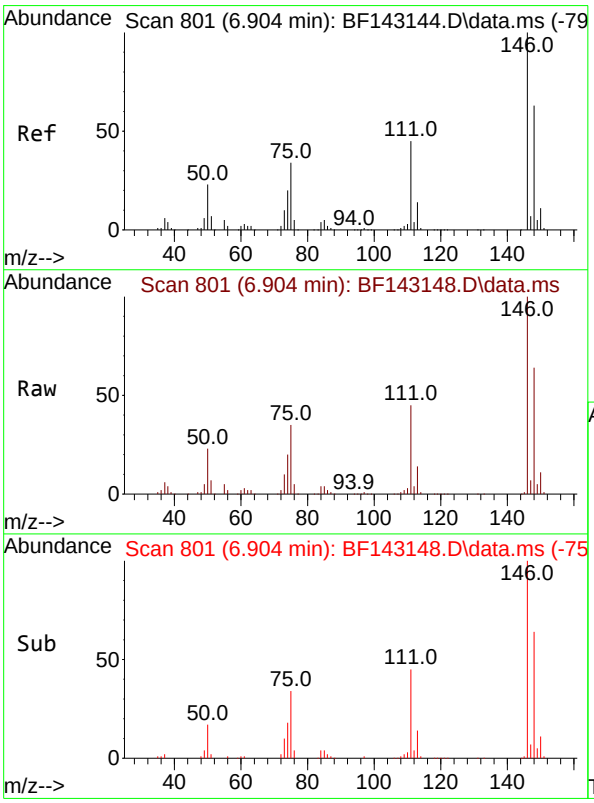
#11
bis(2-Chloroethyl)ether
Concen: 40.628 ng
RT: 6.692 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion: 93 Resp: 387791

Ion	Ratio	Lower	Upper
93	100		
63	83.7	63.4	103.4
95	32.7	12.4	52.4

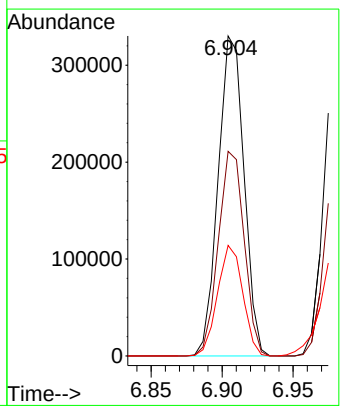


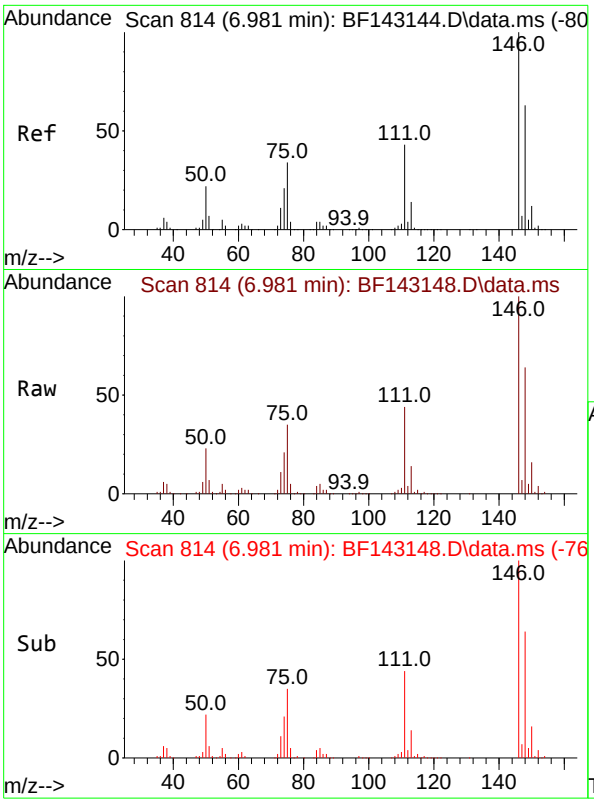


#12
1,3-Dichlorobenzene
Concen: 40.400 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:146 Resp: 418232

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	76.0
75	34.6	27.4	41.2



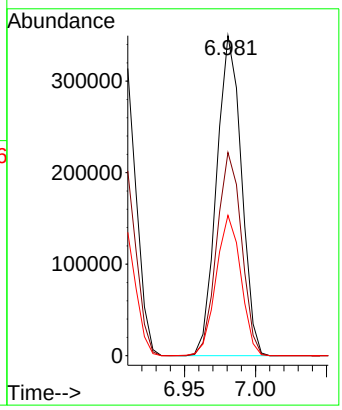


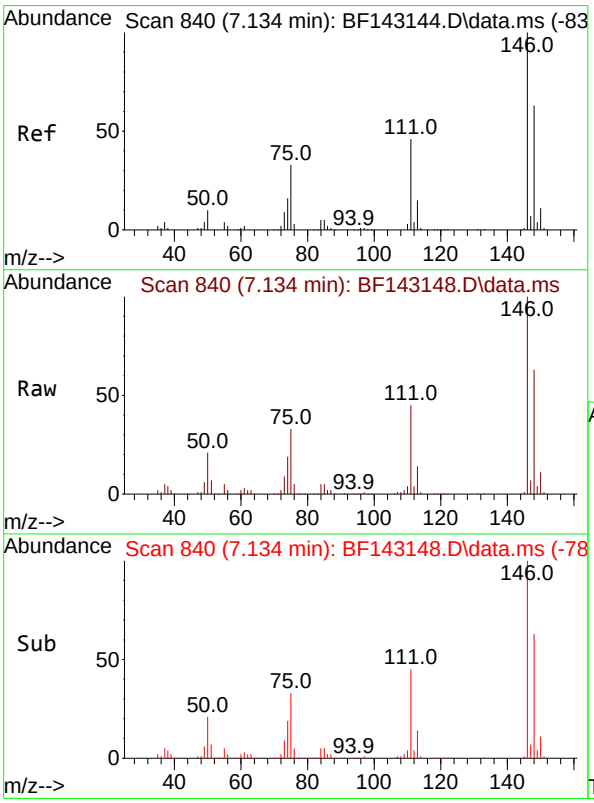
#13
1,4-Dichlorobenzene
Concen: 40.731 ng
RT: 6.981 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:146 Resp: 424629

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.3	75.5
111	43.8	34.4	51.6

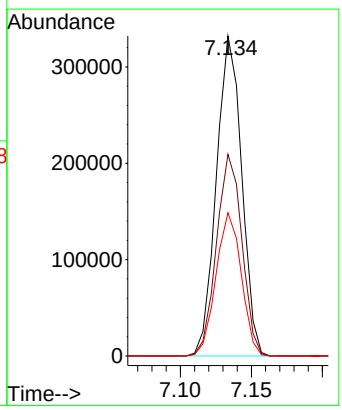


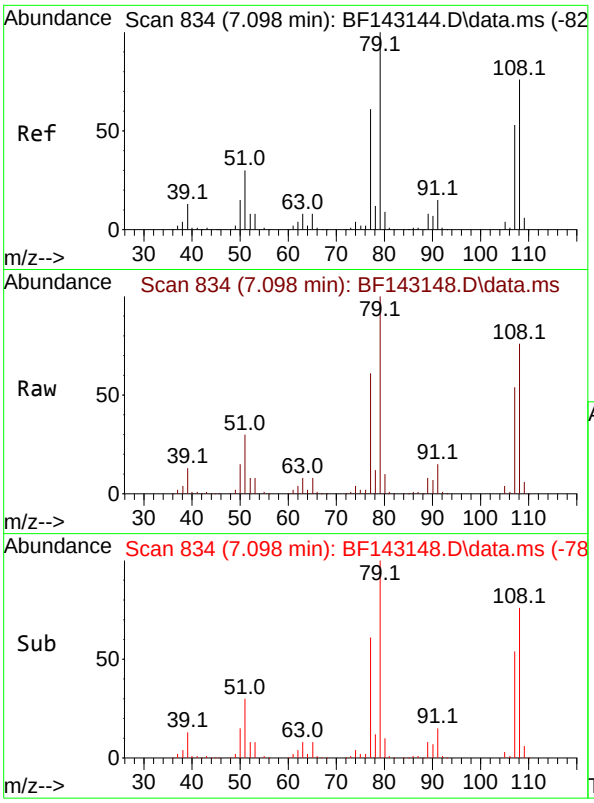


#14
1,2-Dichlorobenzene
Concen: 41.506 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:146 Resp: 411560

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.7	76.1
111	44.8	36.6	54.8



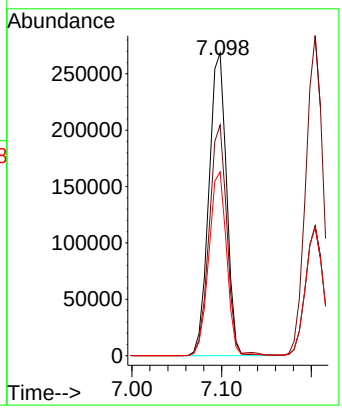


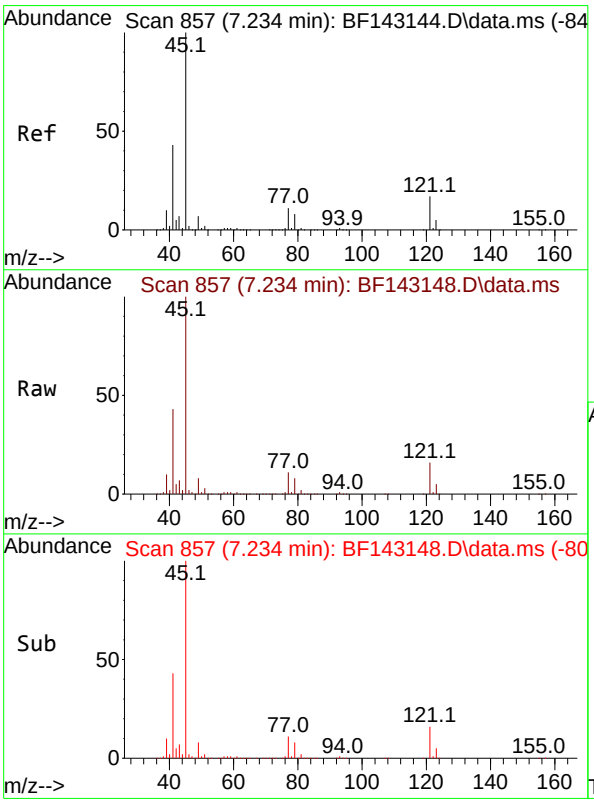
#15
Benzyl Alcohol
Concen: 41.958 ng
RT: 7.098 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion: 79 Resp: 366608

Ion	Ratio	Lower	Upper
79	100		
108	76.2	61.1	91.7
77	60.8	48.9	73.3

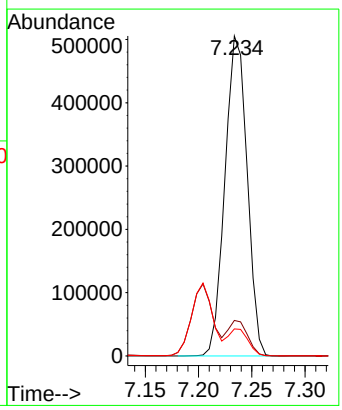


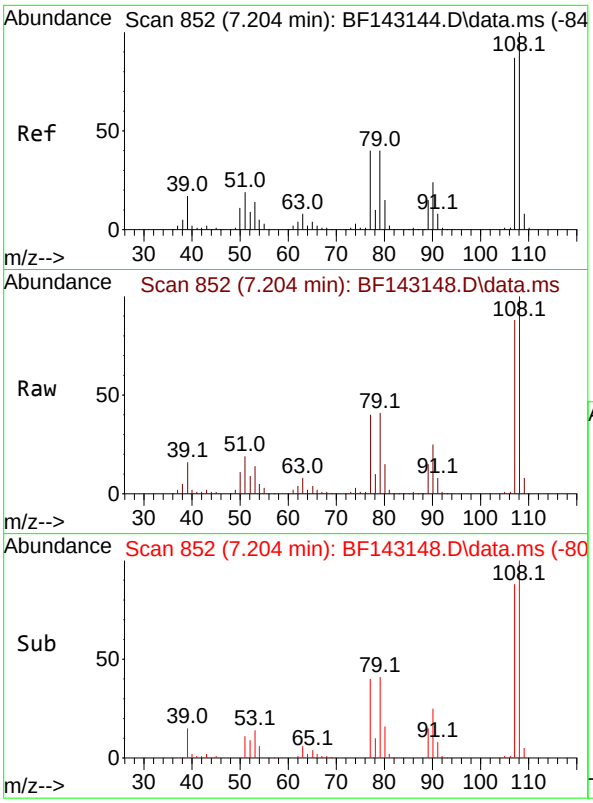


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.357 ng
RT: 7.234 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 45 Resp: 732274

Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	31.2
79	8.5	0.0	28.5



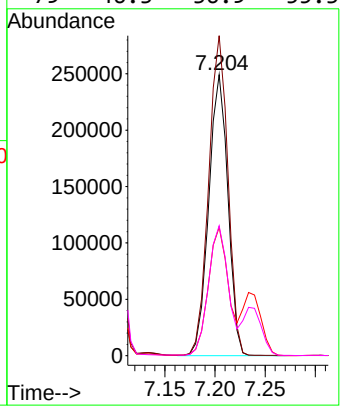


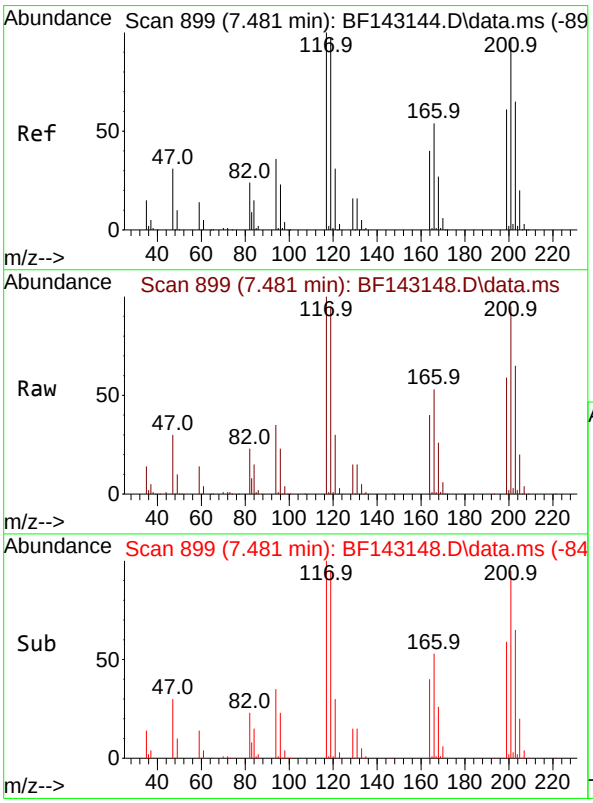
#17
2-Methylphenol
Concen: 41.398 ng
RT: 7.204 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:107 Resp: 331709

Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.8	137.6
77	45.7	37.0	55.6
79	46.3	36.9	55.3

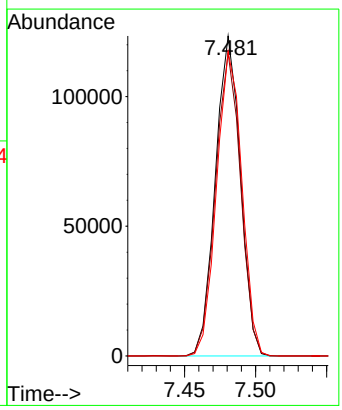


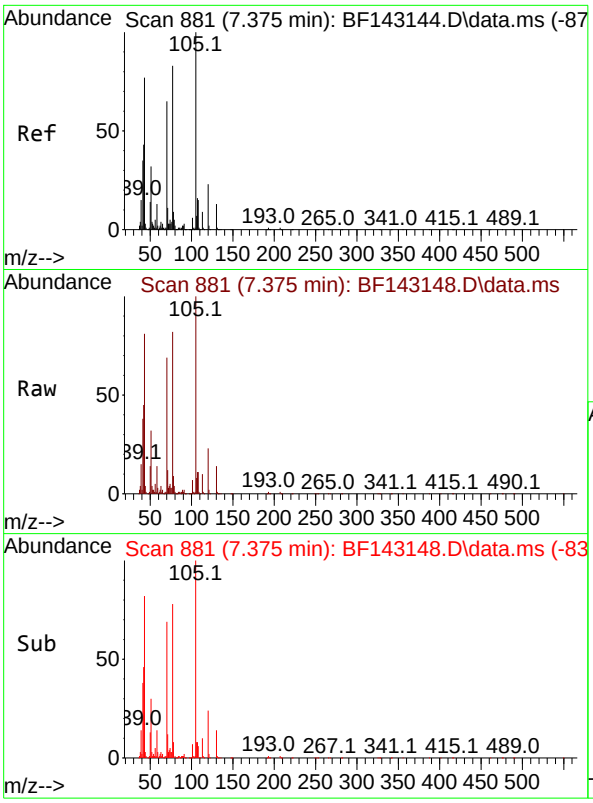


#18
Hexachloroethane
Concen: 41.903 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:117 Resp: 151232

Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.8	116.8
201	95.2	77.0	115.4



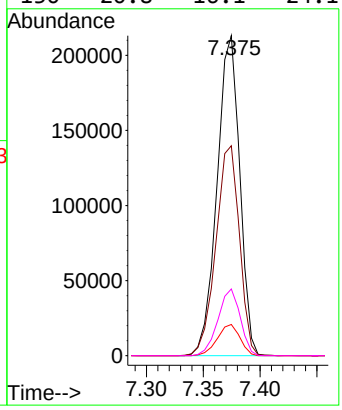


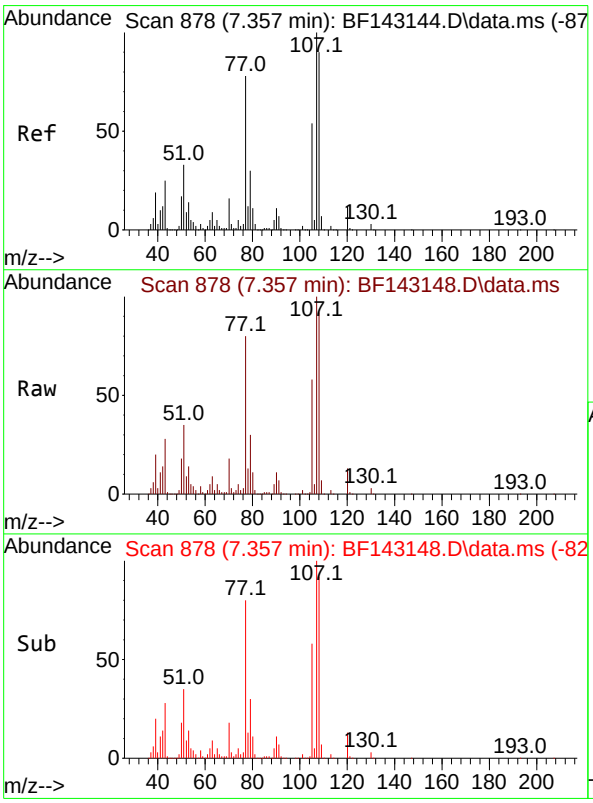
#19
n-Nitroso-di-n-propylamine
Concen: 40.342 ng
RT: 7.375 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion: 70 Resp: 296171

Ion	Ratio	Lower	Upper
70	100		
42	65.6	52.5	78.7
101	9.8	7.6	11.4
130	20.8	16.1	24.1

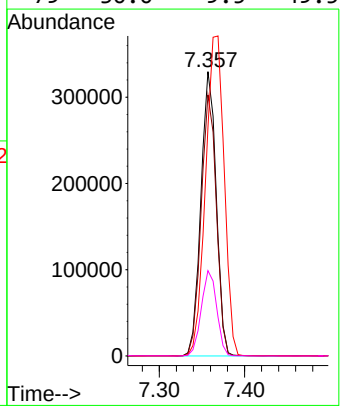


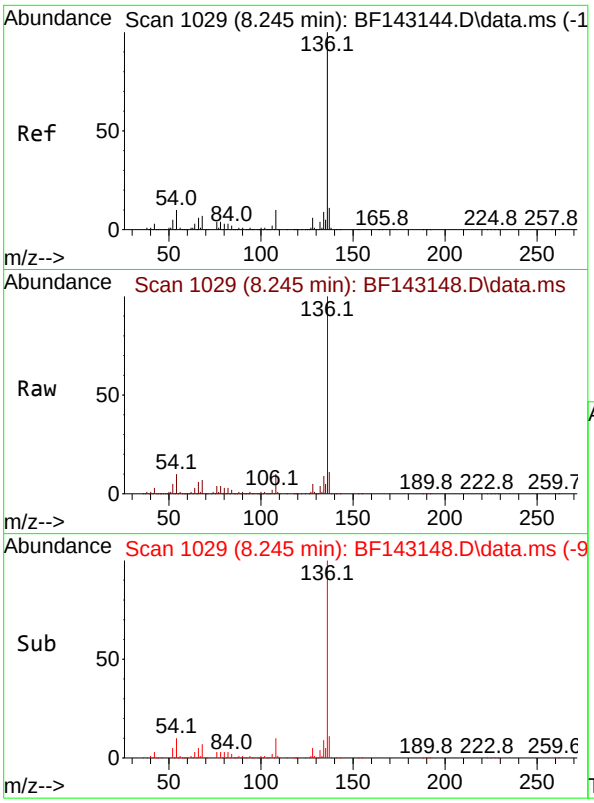


#20
3+4-Methylphenols
Concen: 42.387 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:107 Resp: 412065

Ion	Ratio	Lower	Upper
107	100		
108	91.8	70.0	110.0
77	80.5	57.8	97.8
79	30.0	9.5	49.5



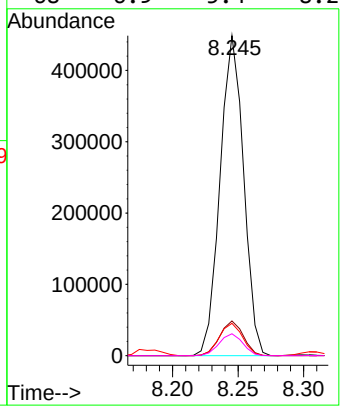


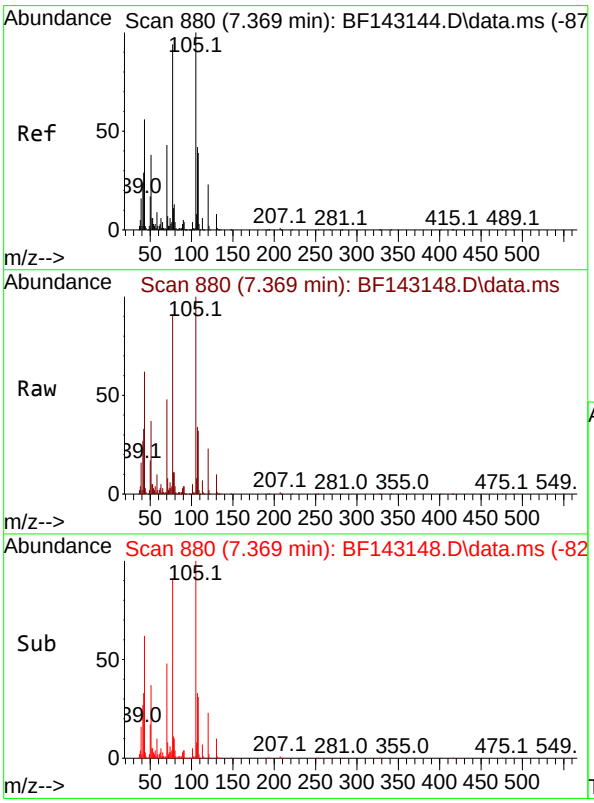
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:136 Resp: 559677

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.1	8.2	12.2
68	6.9	5.4	8.2

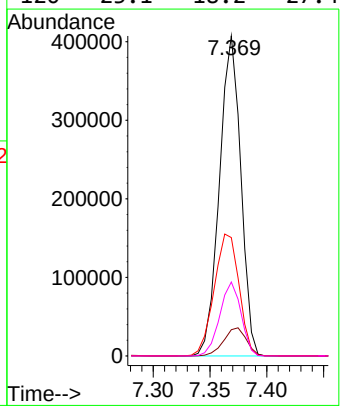


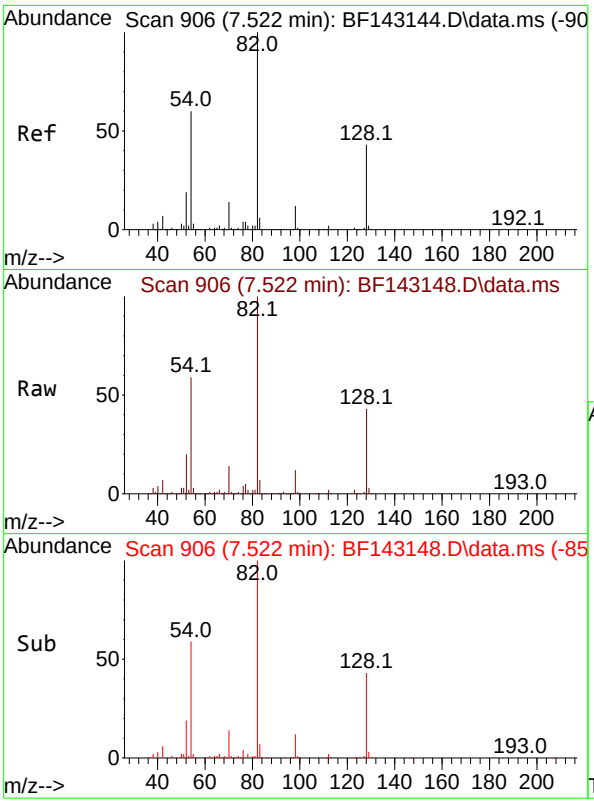


#22
Acetophenone
Concen: 40.260 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:105 Resp: 533464

Ion	Ratio	Lower	Upper
105	100		
71	8.2	5.8	8.6
51	37.0	30.2	45.2
120	23.1	18.2	27.4



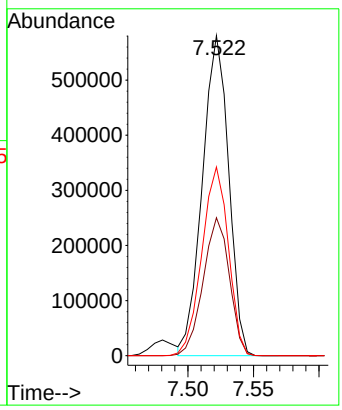


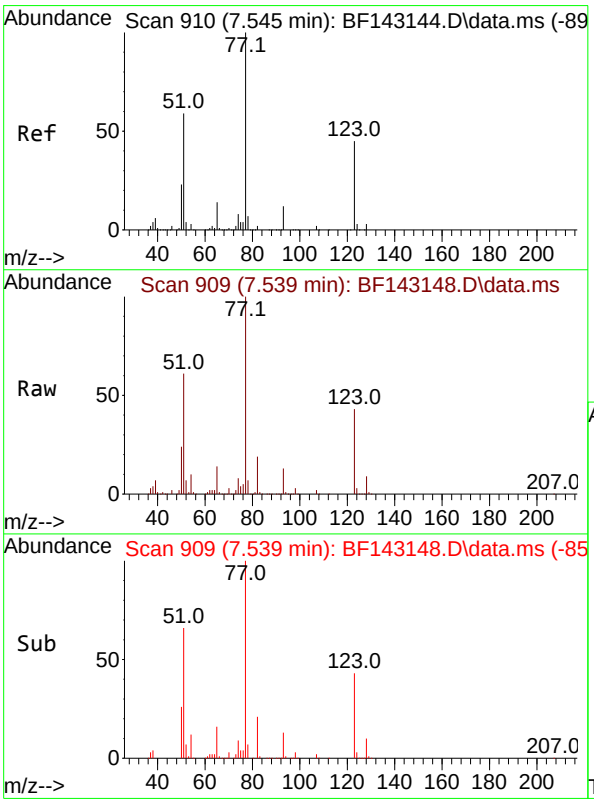
#23
Nitrobenzene-d5
Concen: 72.247 ng
RT: 7.522 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion: 82 Resp: 811178

Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.6	50.4
54	58.9	47.1	70.7

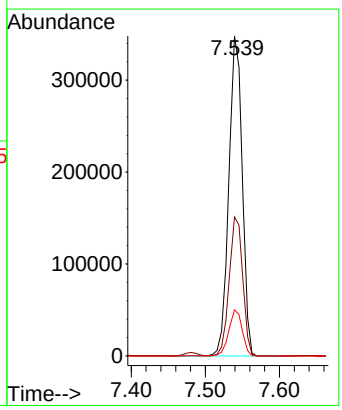


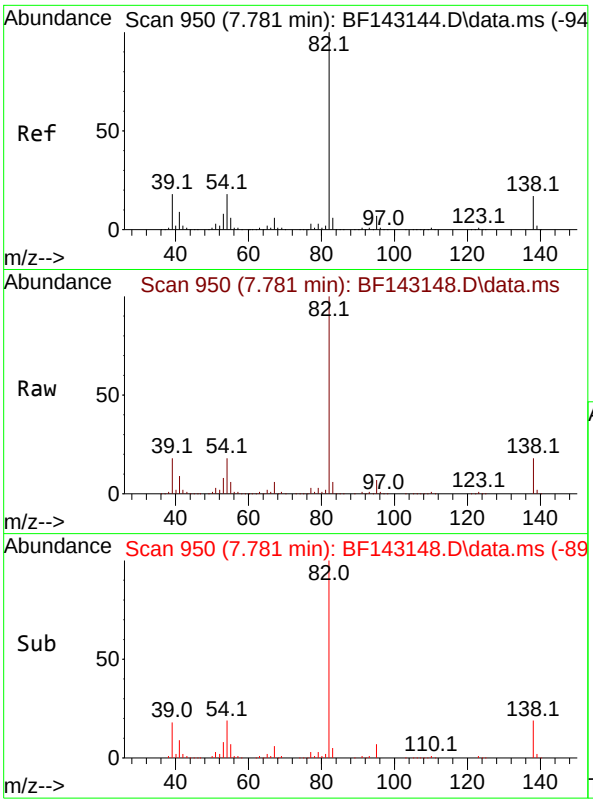


#24
Nitrobenzene
Concen: 41.731 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 77 Resp: 436834

Ion	Ratio	Lower	Upper
77	100		
123	43.5	36.1	54.1
65	14.4	11.4	17.2



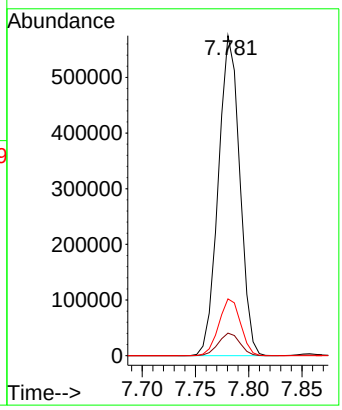


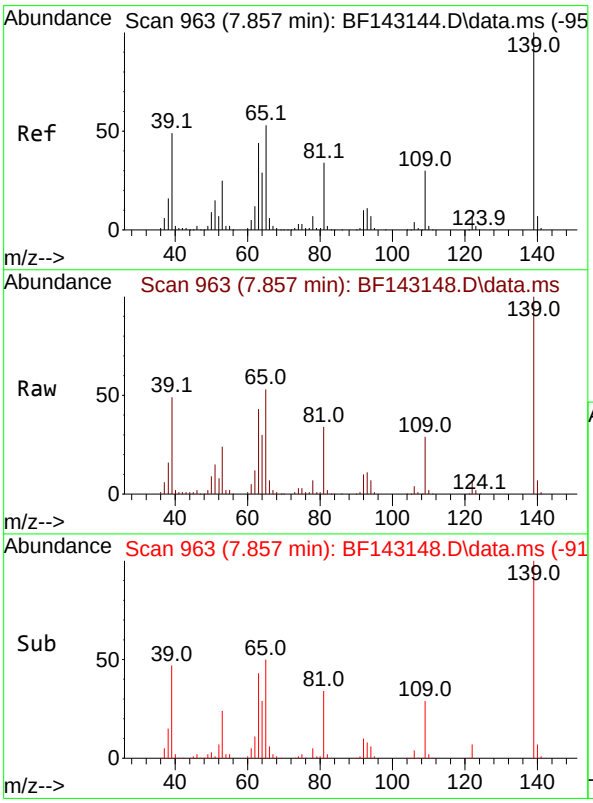
#25
Isophorone
Concen: 40.567 ng
RT: 7.781 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion: 82 Resp: 804071

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.5	8.3
138	17.8	13.8	20.8

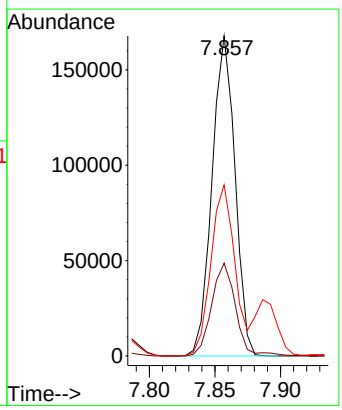


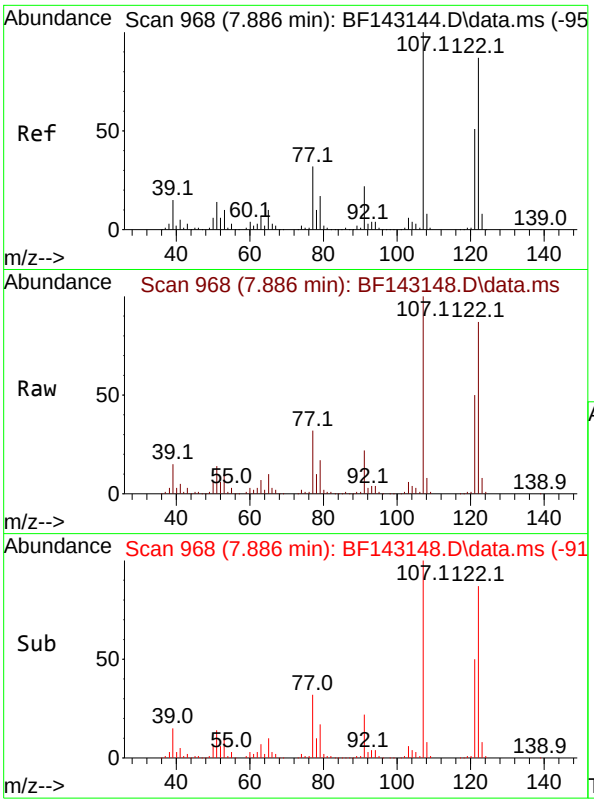


#26
2-Nitrophenol
Concen: 44.896 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:139 Resp: 203967

Ion	Ratio	Lower	Upper
139	100		
109	29.0	23.6	35.4
65	53.4	42.6	64.0



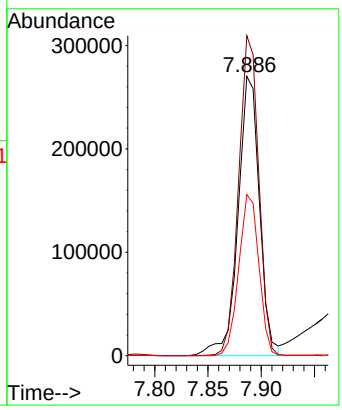


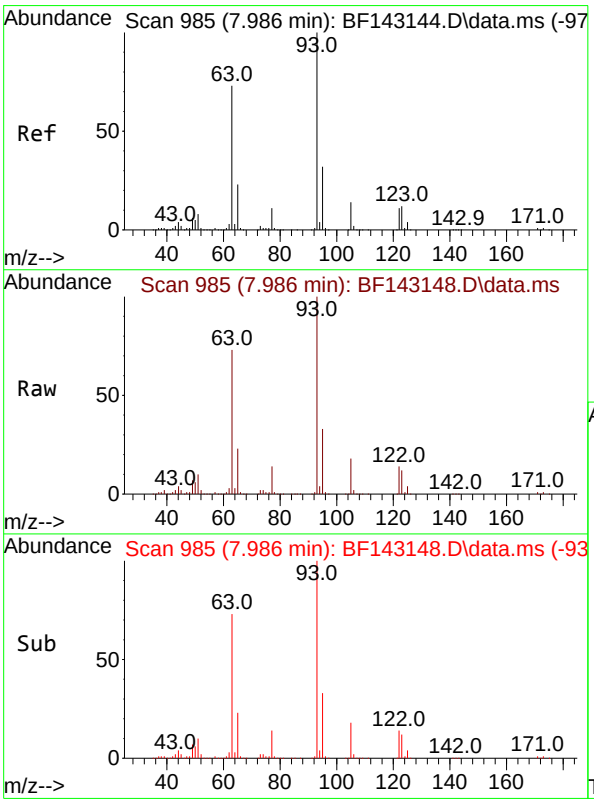
#27
2,4-Dimethylphenol
Concen: 40.773 ng
RT: 7.886 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:122 Resp: 377575

Ion	Ratio	Lower	Upper
122	100		
107	114.6	91.8	137.6
121	57.7	46.3	69.5

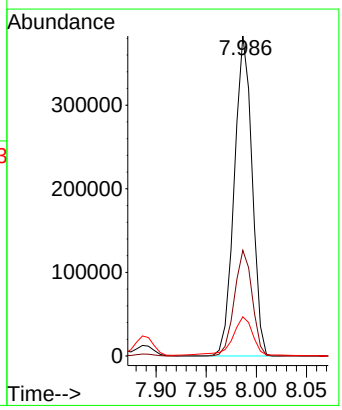


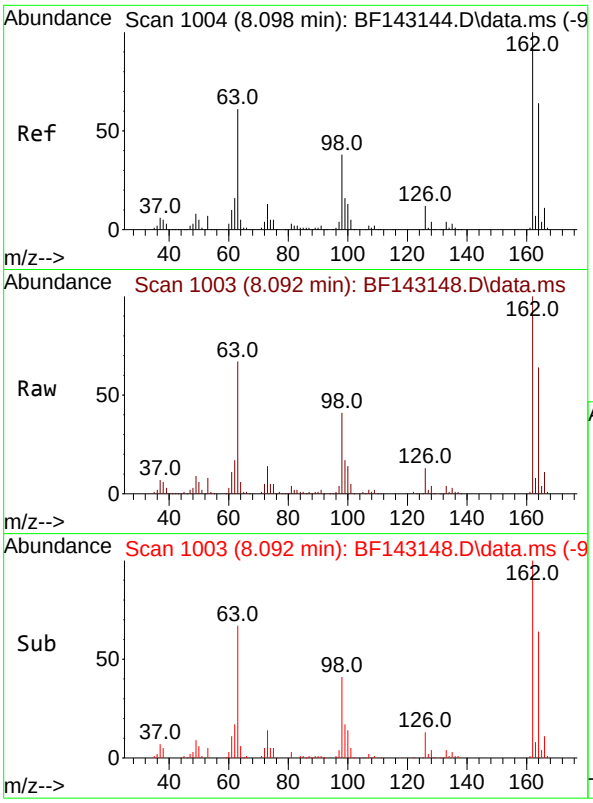


#28
bis(2-Chloroethoxy)methane
Concen: 39.939 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 93 Resp: 474637

Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.8	38.6
123	12.2	9.7	14.5



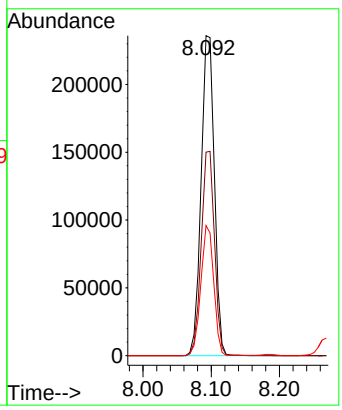


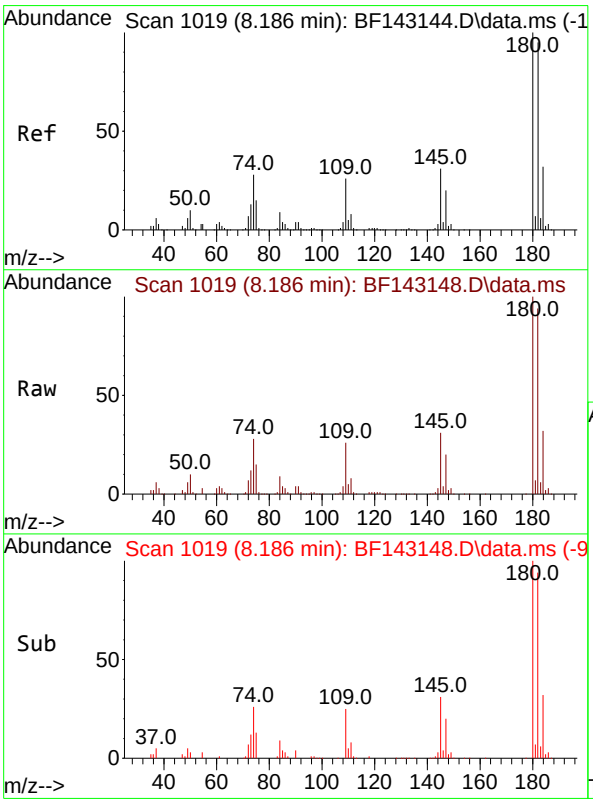
#29
2,4-Dichlorophenol
Concen: 40.875 ng
RT: 8.092 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:162 Resp: 319216

Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.2	84.2
98	40.7	17.9	57.9

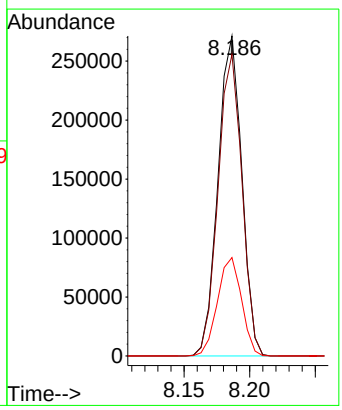


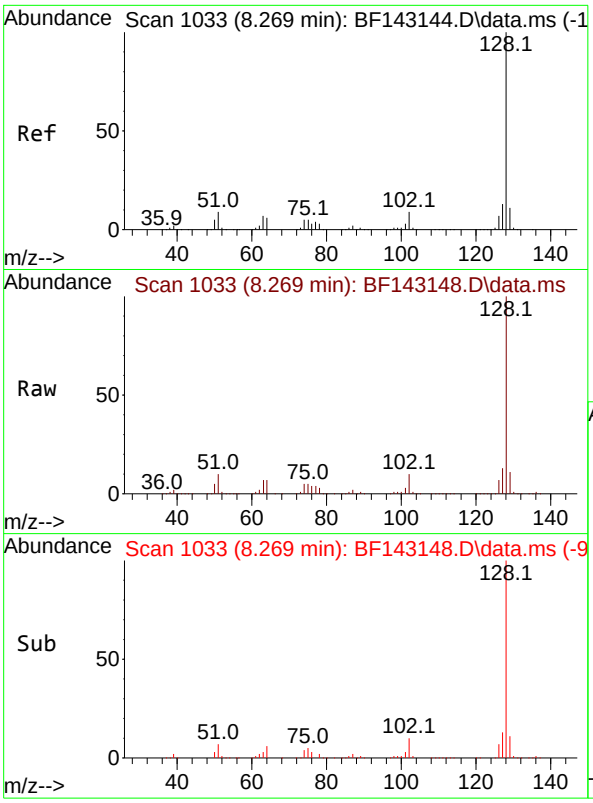


#30
1,2,4-Trichlorobenzene
Concen: 40.551 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:180 Resp: 342135

Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.2	114.2
145	30.8	25.0	37.6



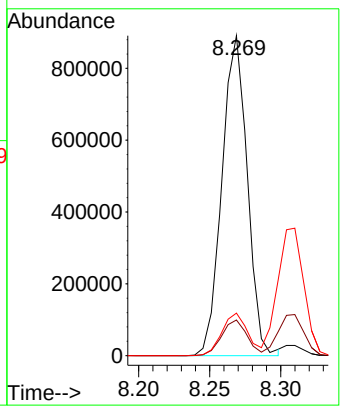


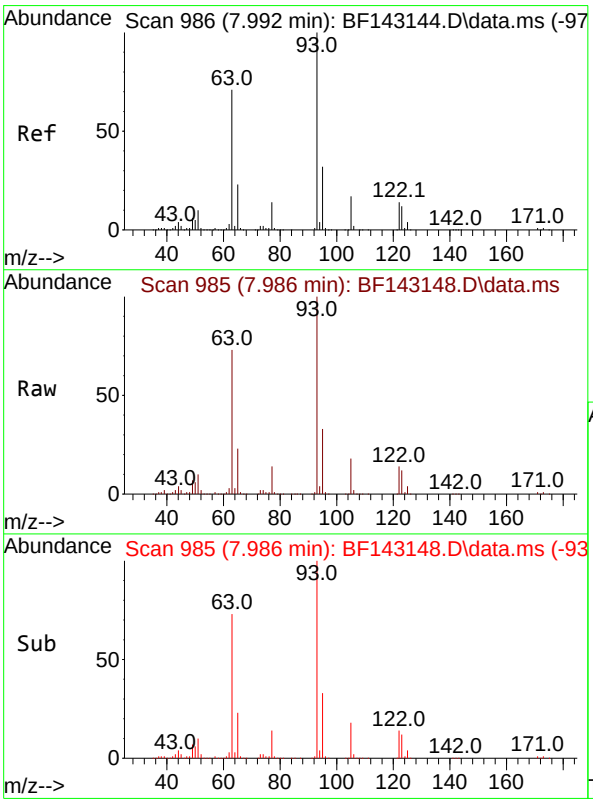
#31
Naphthalene
Concen: 40.143 ng
RT: 8.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:128 Resp: 1106482

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.3	10.6	16.0

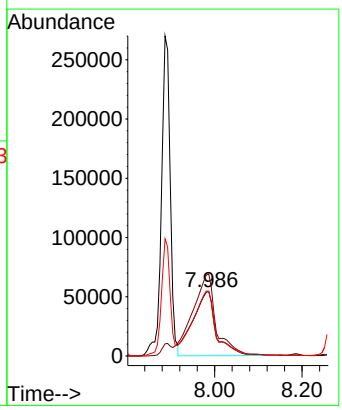


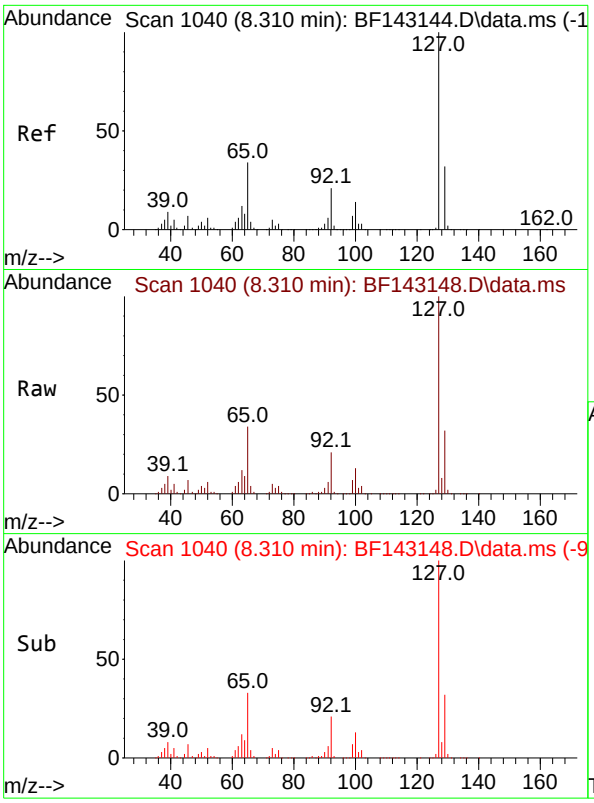


#32
Benzoic acid
Concen: 39.782 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:122 Resp: 202337

Ion	Ratio	Lower	Upper
122	100		
105	127.2	104.8	144.8
77	100.3	77.6	117.6



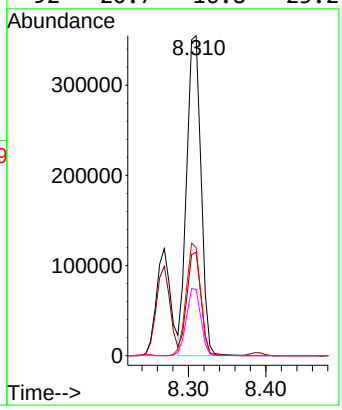


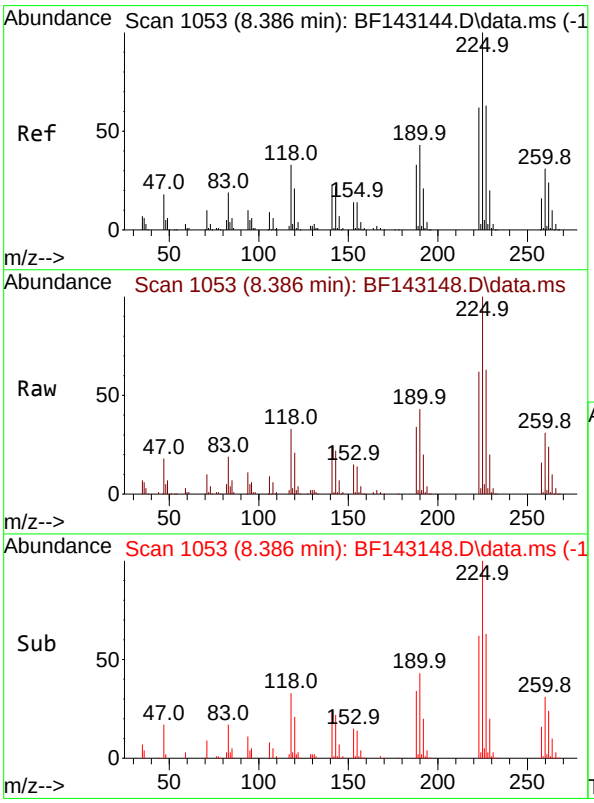
#33
4-Chloroaniline
Concen: 40.671 ng
RT: 8.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:127 Resp: 457742

Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.0	39.0
65	33.8	27.4	41.2
92	20.7	16.8	25.2

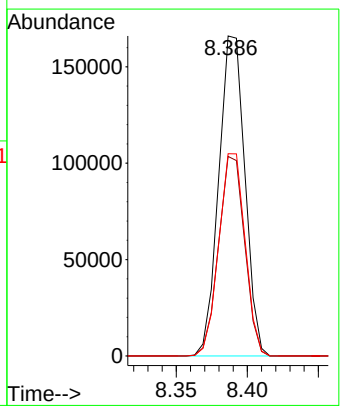


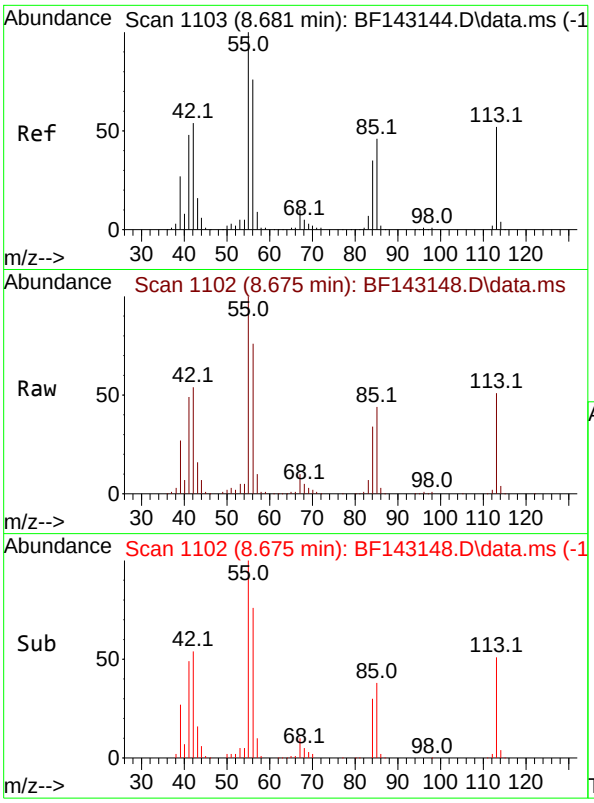


#34
Hexachlorobutadiene
Concen: 41.284 ng
RT: 8.386 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:225 Resp: 212781

Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.6
227	63.2	50.2	75.4



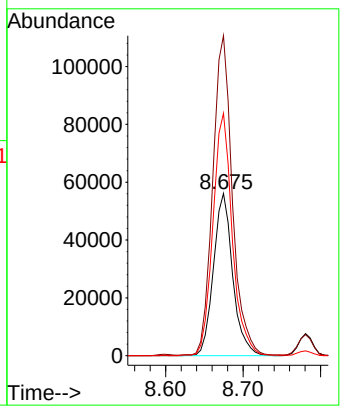


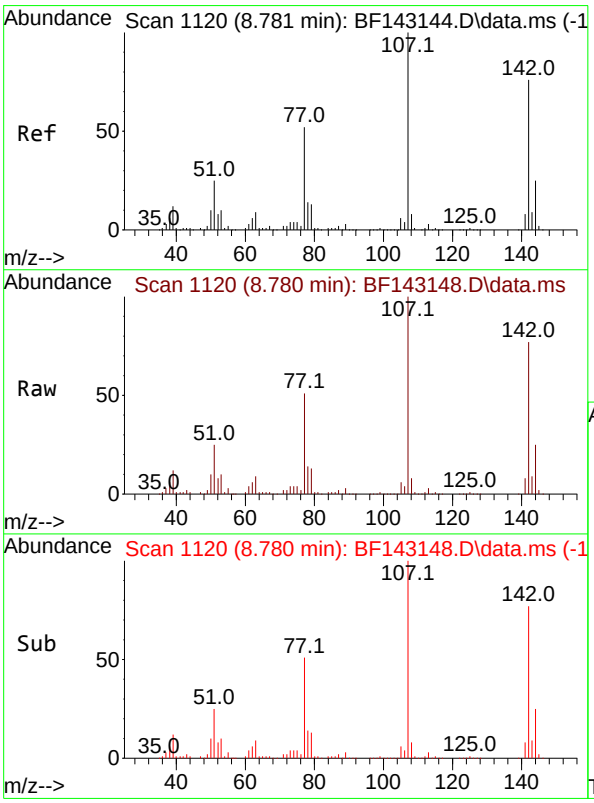
#35
Caprolactam
Concen: 40.959 ng
RT: 8.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:113 Resp: 96661

Ion	Ratio	Lower	Upper
113	100		
55	197.3	174.0	214.0
56	149.4	126.6	166.6

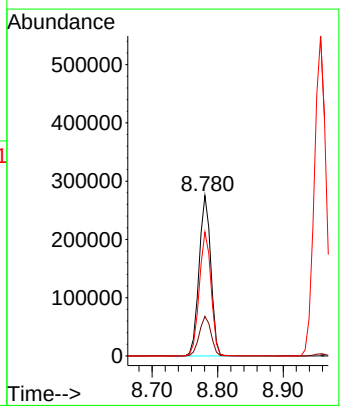


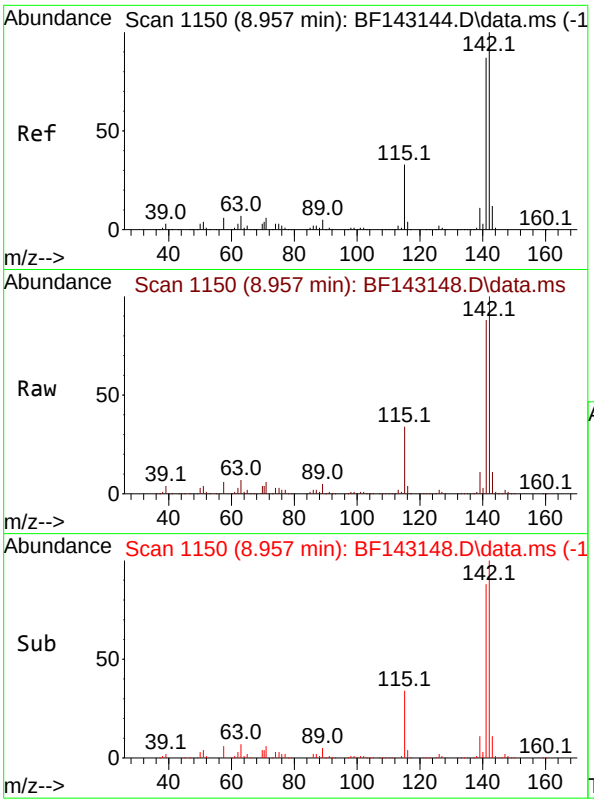


#36
4-Chloro-3-methylphenol
Concen: 40.611 ng
RT: 8.780 min Scan# 1120
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:107 Resp: 344726

Ion	Ratio	Lower	Upper
107	100		
144	24.6	19.8	29.6
142	77.3	60.6	90.8



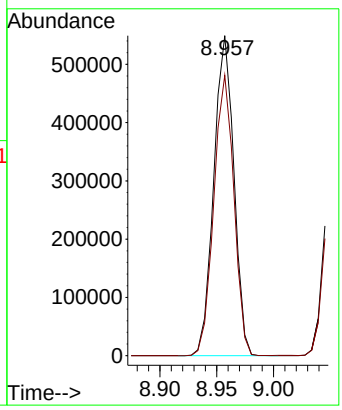


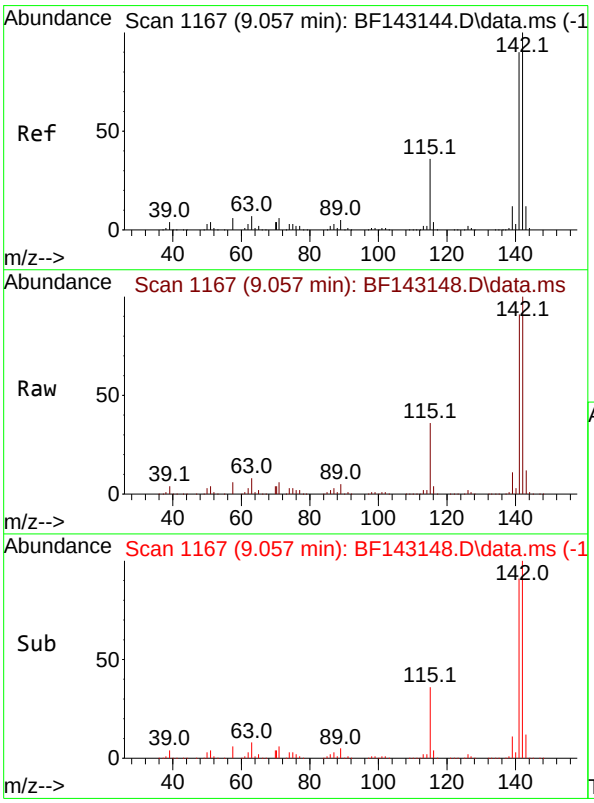
#37
2-Methylnaphthalene
Concen: 40.279 ng
RT: 8.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:142 Resp: 675594

Ion	Ratio	Lower	Upper
142	100		
141	87.6	69.9	104.9

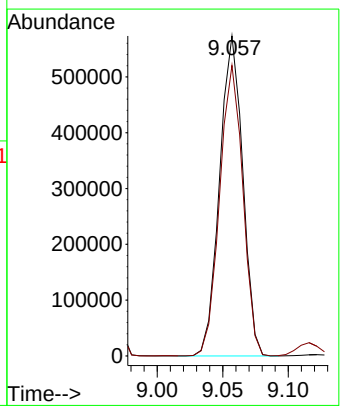


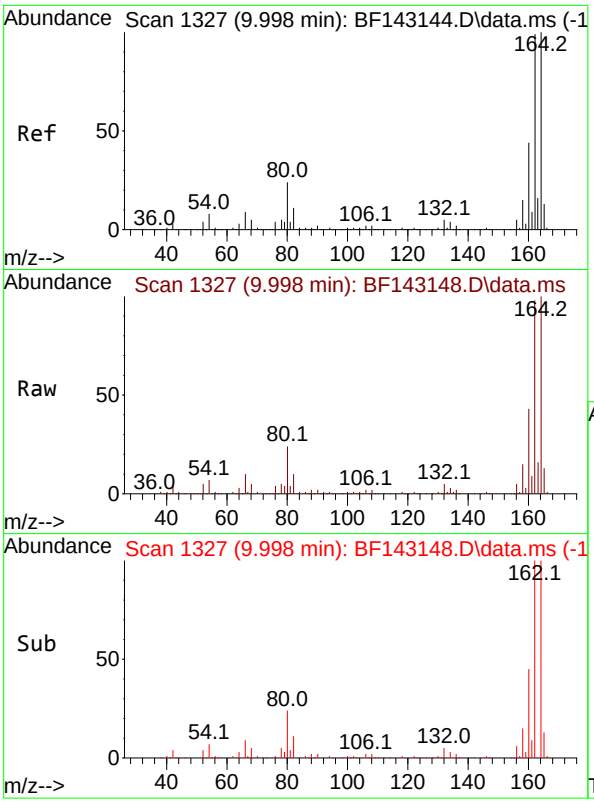


#38
1-Methylnaphthalene
Concen: 40.712 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:142 Resp: 703170

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.3	108.5



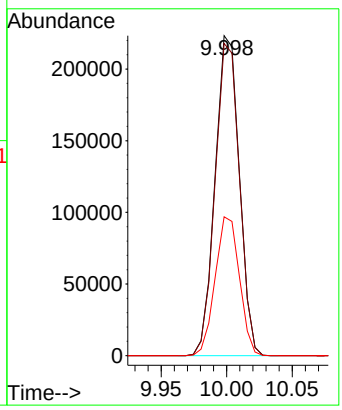


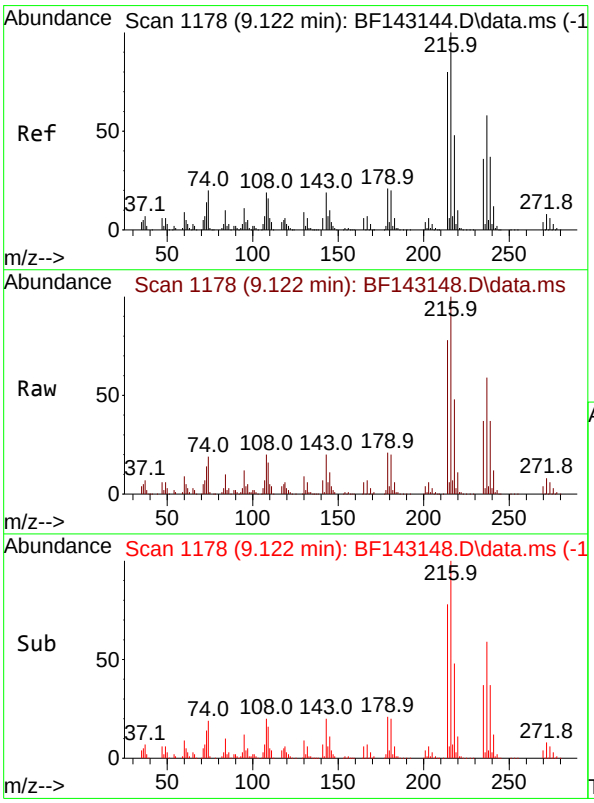
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:164 Resp: 287255

Ion	Ratio	Lower	Upper
164	100		
162	97.5	79.0	118.6
160	43.4	35.1	52.7

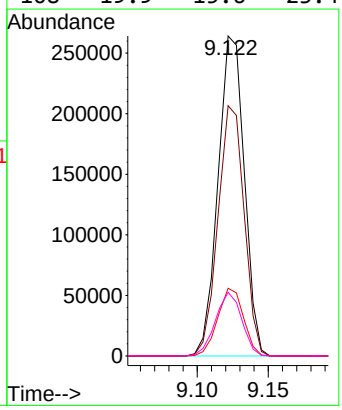


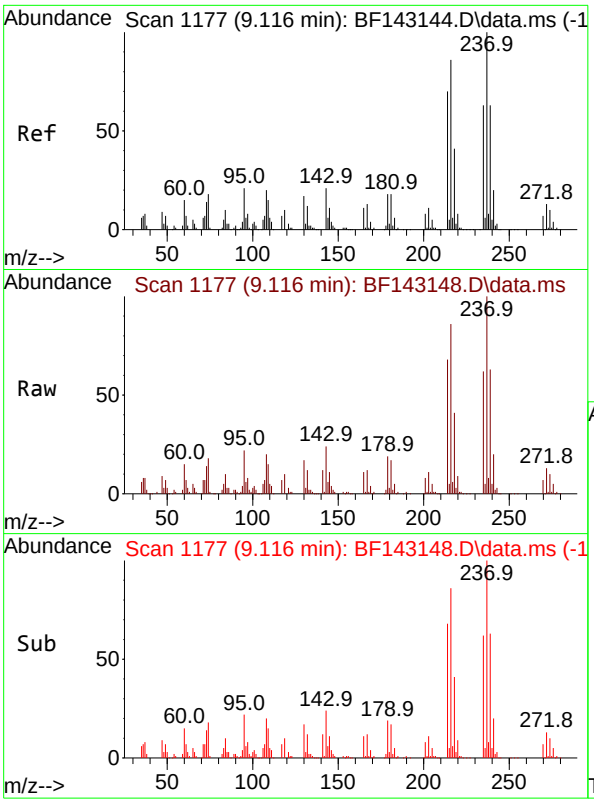


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.944 ng
RT: 9.122 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:216 Resp: 339567

Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.8	95.8
179	20.8	16.4	24.6
108	19.9	15.6	23.4



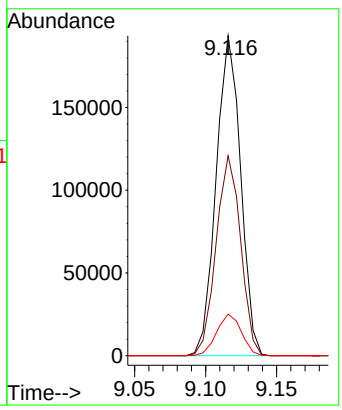


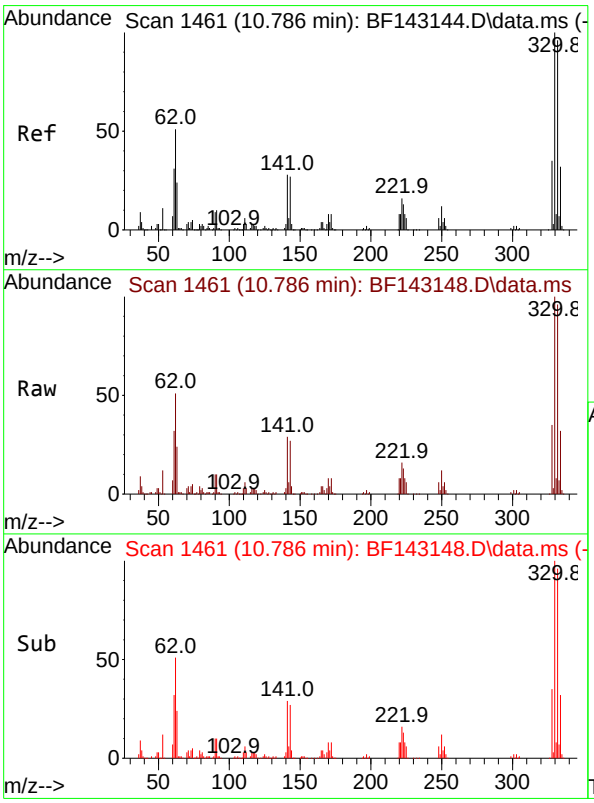
#41
Hexachlorocyclopentadiene
Concen: 42.872 ng
RT: 9.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:237 Resp: 231349

Ion	Ratio	Lower	Upper
237	100		
235	62.5	43.0	83.0
272	13.0	0.0	33.3

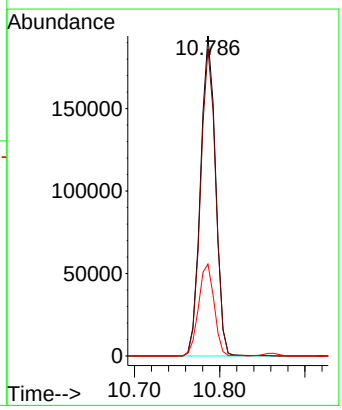


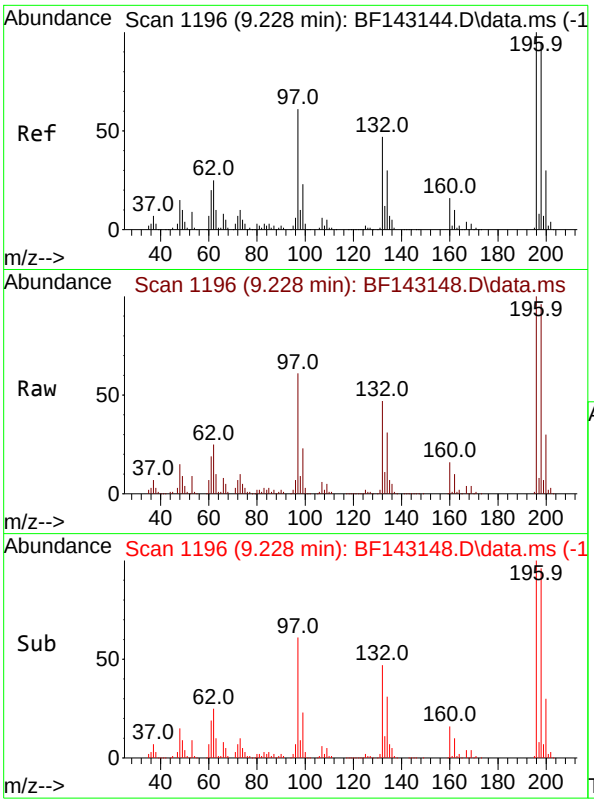


#42
2,4,6-Tribromophenol
Concen: 79.969 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:330 Resp: 237309

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.7	115.1
141	29.8	23.3	34.9



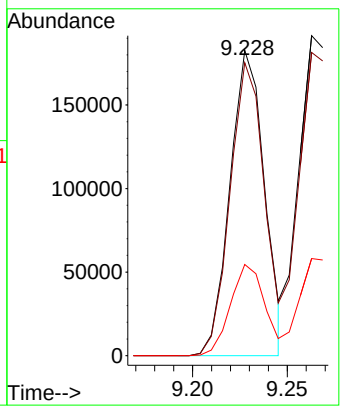


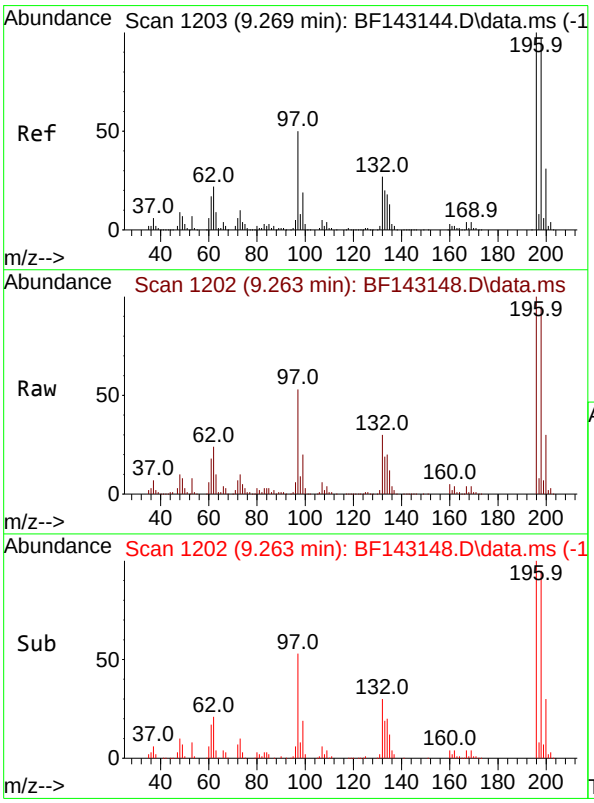
#43
2,4,6-Trichlorophenol
Concen: 40.253 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:196 Resp: 231043

Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.2	114.2
200	29.9	23.9	35.9

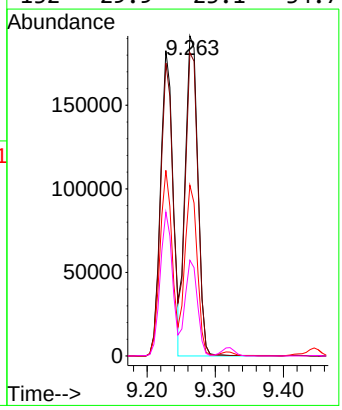


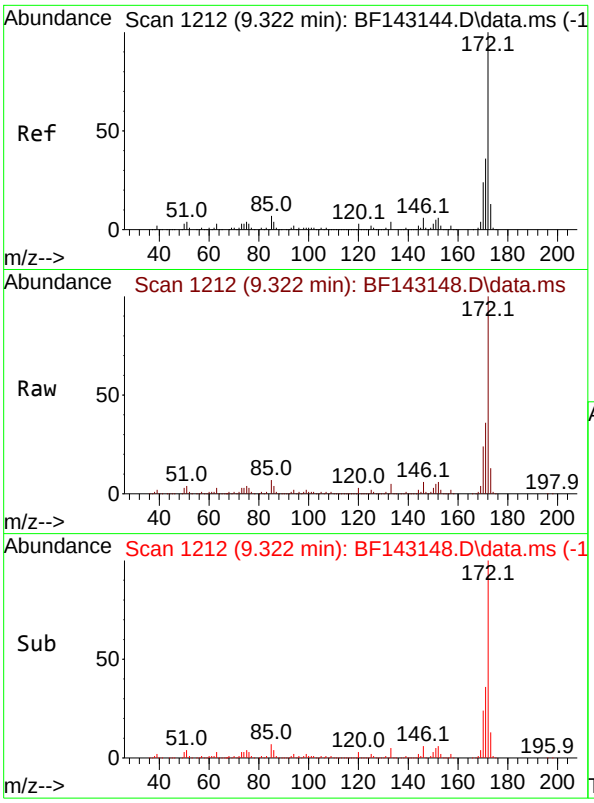


#44
2,4,5-Trichlorophenol
Concen: 42.989 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:196 Resp: 246820

Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.3	115.9
97	53.3	40.3	60.5
132	29.9	23.1	34.7



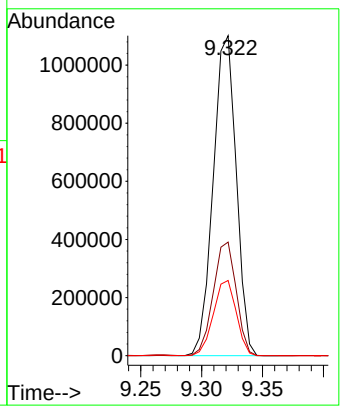


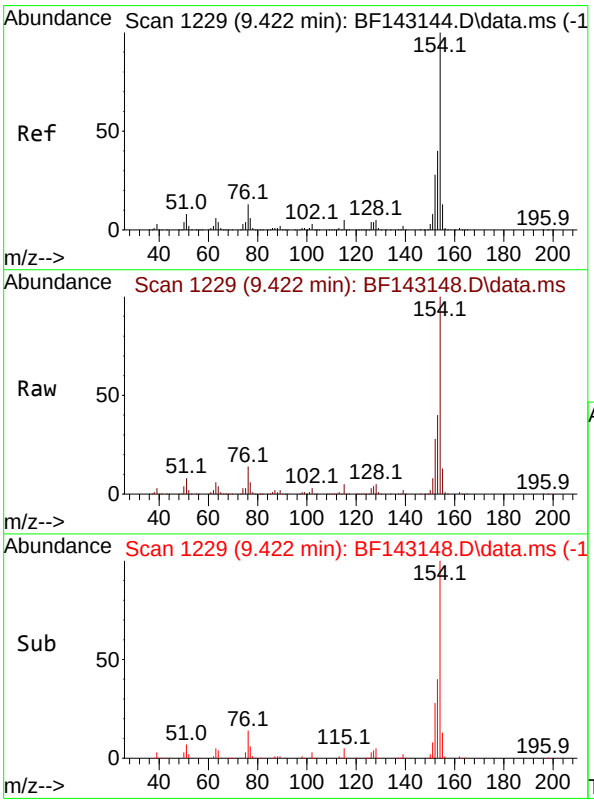
#45
2-Fluorobiphenyl
Concen: 68.992 ng
RT: 9.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:172 Resp: 1449098

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	23.5	18.8	28.2

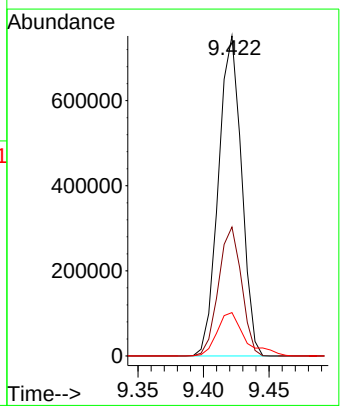


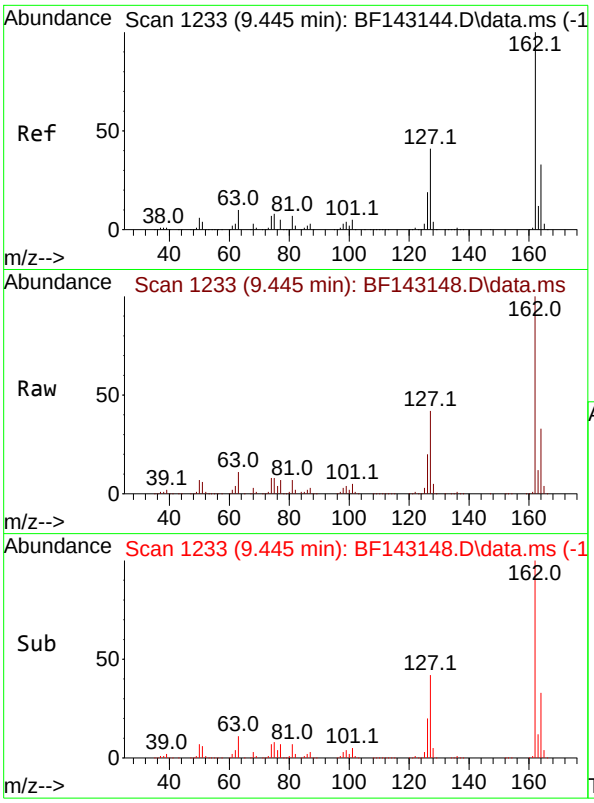


#46
1,1'-Biphenyl
Concen: 41.053 ng
RT: 9.422 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:154 Resp: 920059

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.3	60.3
76	13.5	0.0	33.3



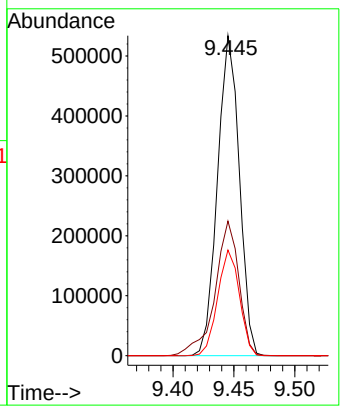


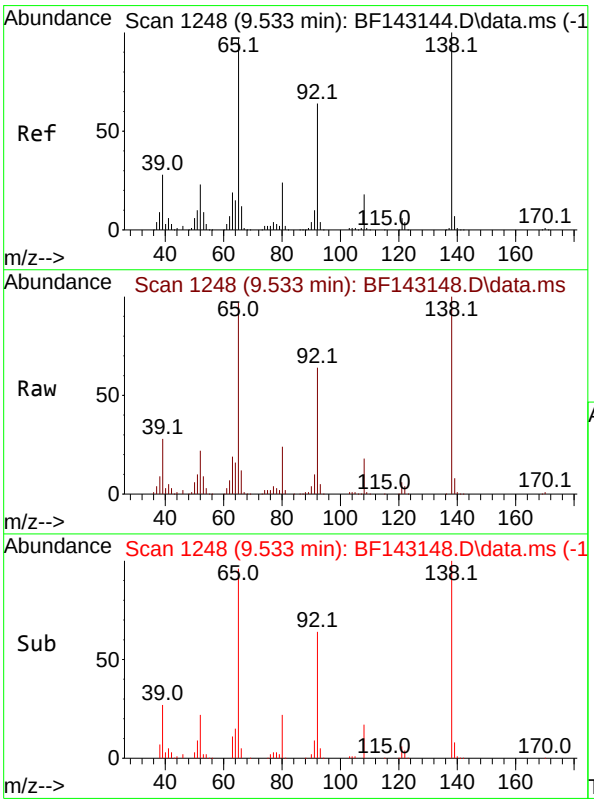
#47
2-Chloronaphthalene
Concen: 40.184 ng
RT: 9.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:162 Resp: 666359

Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.4	50.2
164	33.0	26.2	39.2

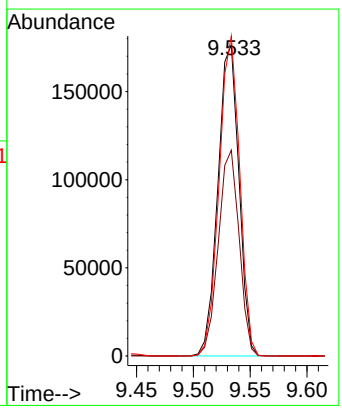


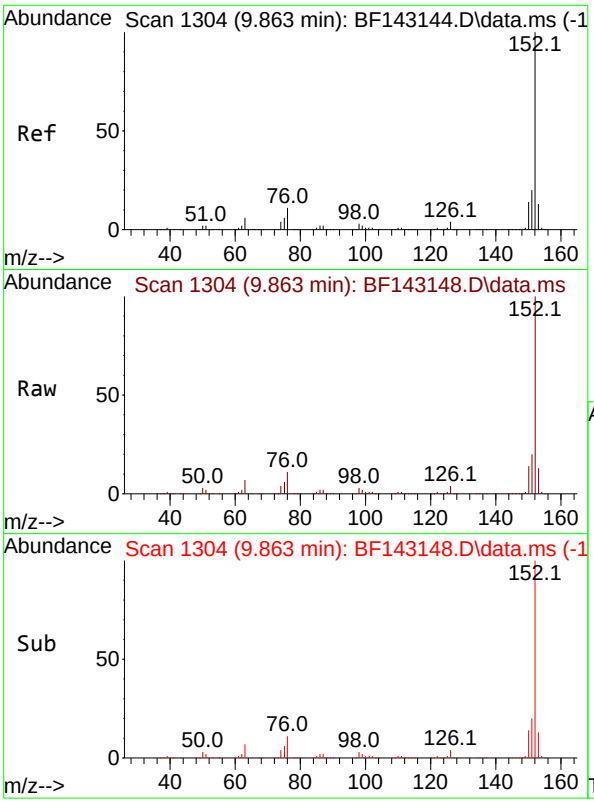


#48
2-Nitroaniline
Concen: 43.723 ng
RT: 9.533 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 65 Resp: 227376

Ion	Ratio	Lower	Upper
65	100		
92	66.2	52.4	78.6
138	102.9	82.3	123.5



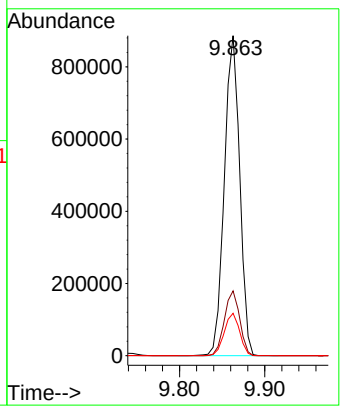


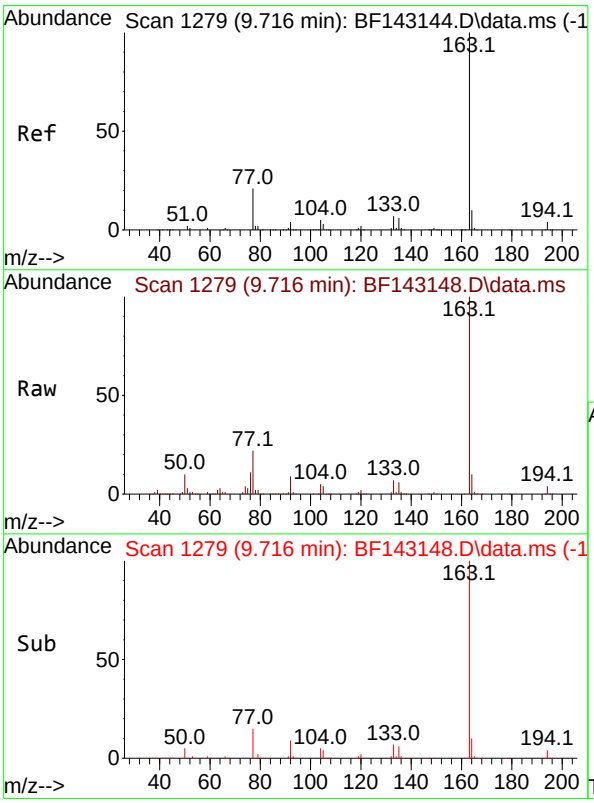
#49
Acenaphthylene
Concen: 40.013 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:152 Resp: 1111992

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.3	10.6	16.0

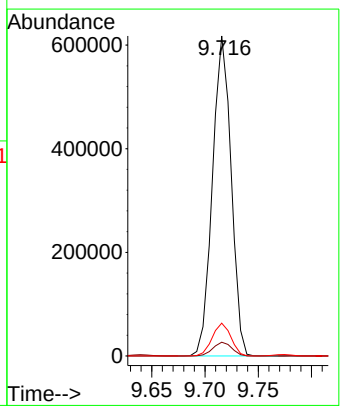


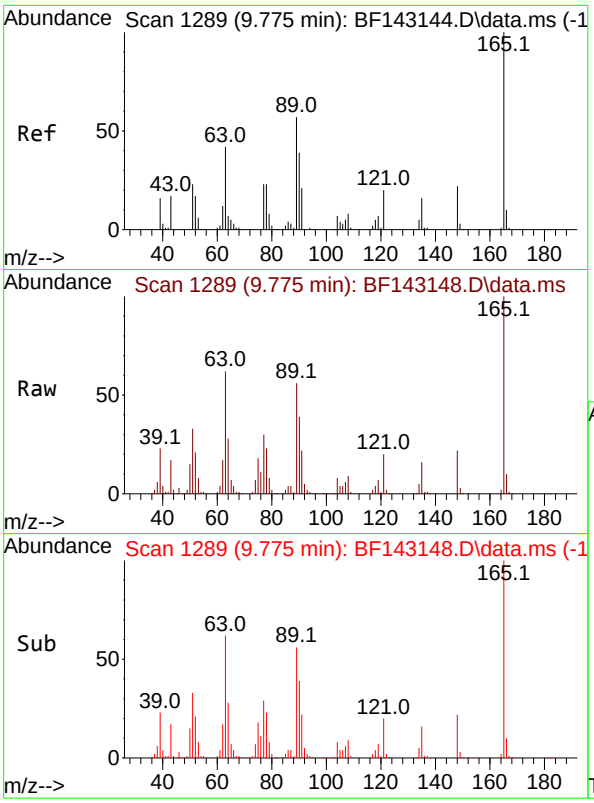


#50
Dimethylphthalate
Concen: 40.218 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:163 Resp: 753041

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.2	8.3	12.5



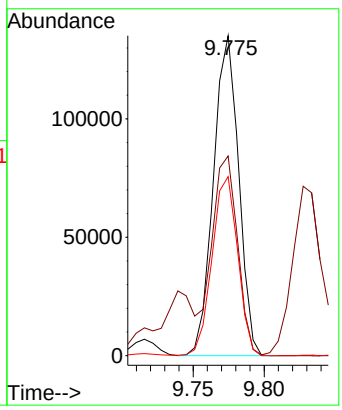


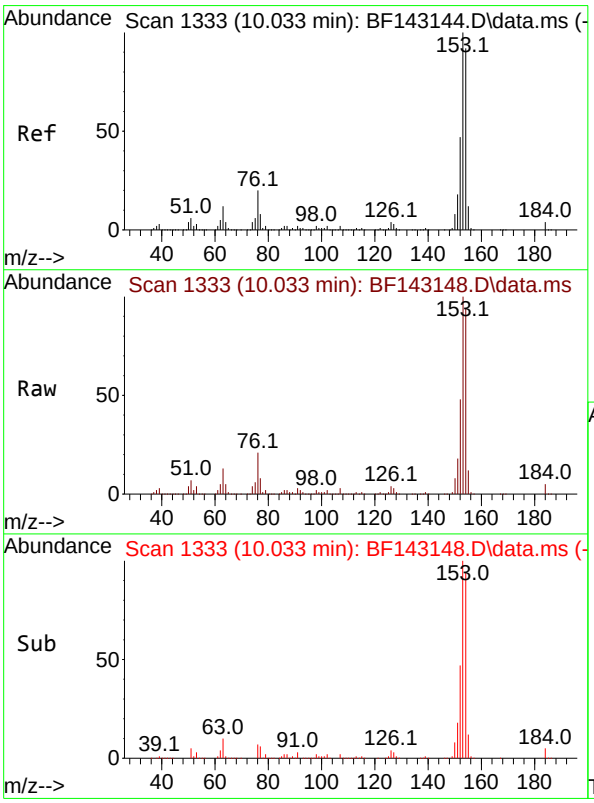
#51
2,6-Dinitrotoluene
Concen: 43.820 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:165 Resp: 166911

Ion	Ratio	Lower	Upper
165	100		
63	62.4	49.4	74.2
89	56.0	46.2	69.2

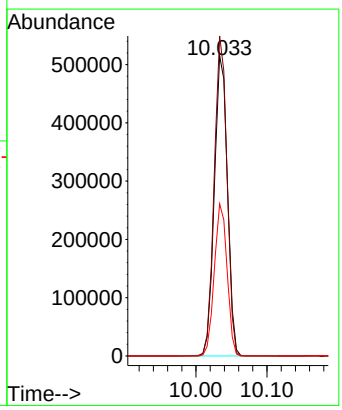


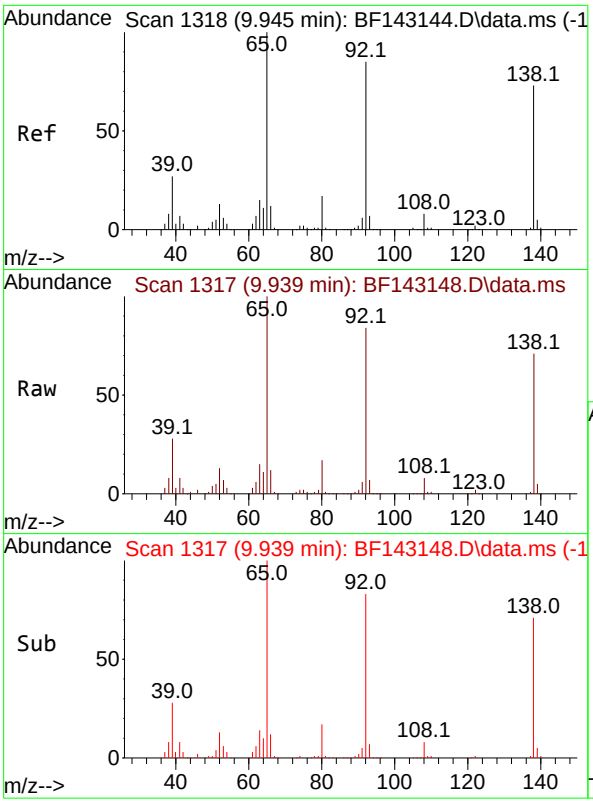


#52
Acenaphthene
Concen: 40.176 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:154 Resp: 659908

Ion	Ratio	Lower	Upper
154	100		
153	106.6	86.6	129.8
152	50.7	40.4	60.6



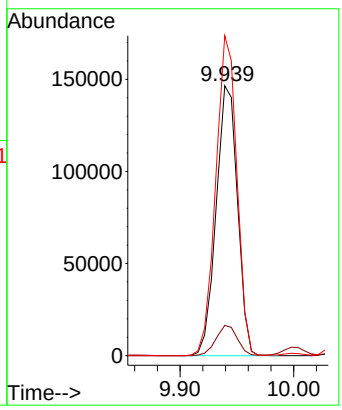


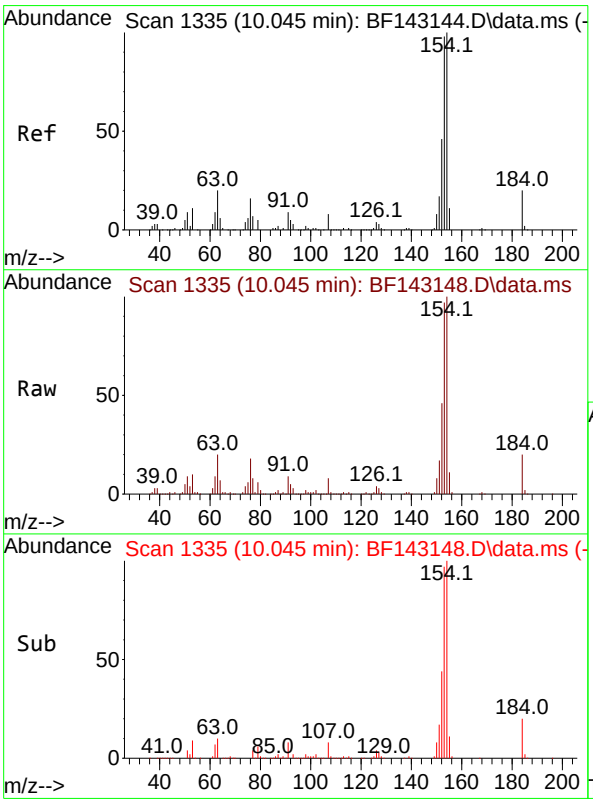
#53
3-Nitroaniline
Concen: 42.985 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:138 Resp: 191512

Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.0	13.6
92	118.6	93.0	139.4

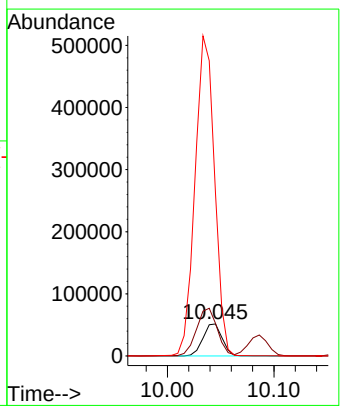


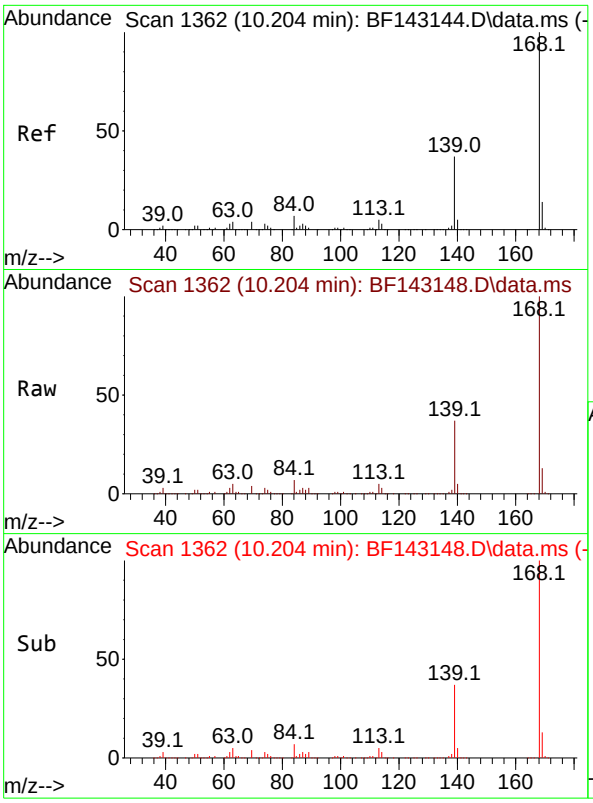


#54
2,4-Dinitrophenol
Concen: 40.998 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:184 Resp: 64659

Ion	Ratio	Lower	Upper
184	100		
63	102.3	81.8	122.6
154	509.4	412.2	618.4



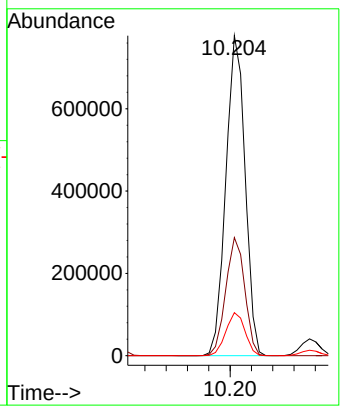


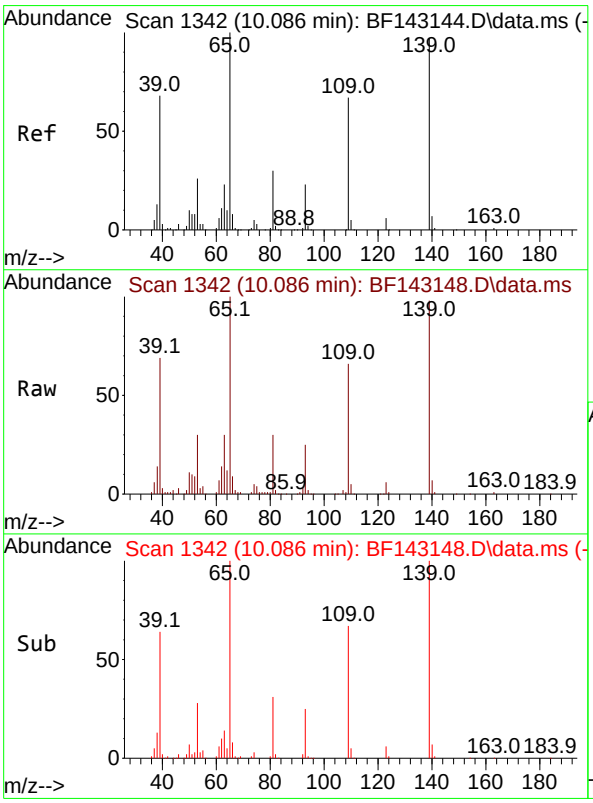
#55
Dibenzofuran
Concen: 39.981 ng
RT: 10.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:168 Resp: 974991

Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.5	44.3
169	13.5	10.9	16.3

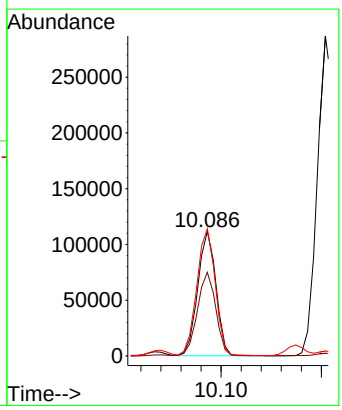


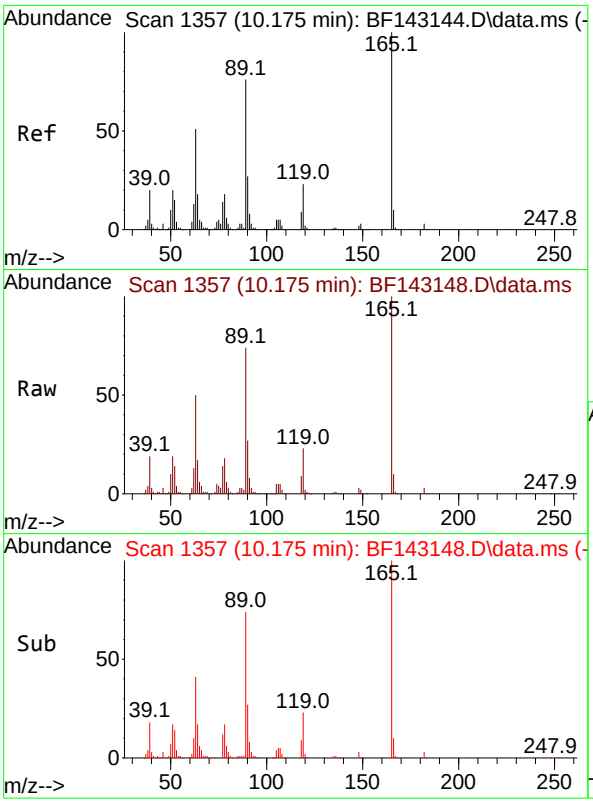


#56
4-Nitrophenol
Concen: 42.344 ng
RT: 10.086 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:139 Resp: 140876

Ion	Ratio	Lower	Upper
139	100		
109	67.2	48.5	88.5
65	102.1	83.4	123.4



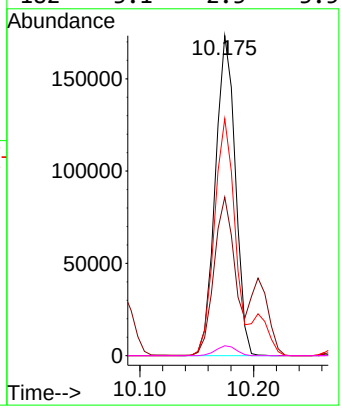


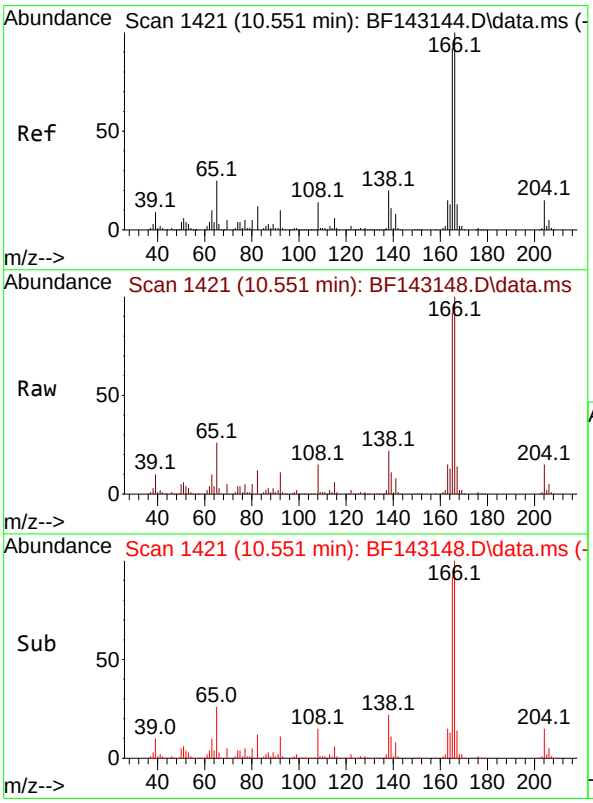
#57
2,4-Dinitrotoluene
Concen: 44.440 ng
RT: 10.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:165 Resp: 212369

Ion	Ratio	Lower	Upper
165	100		
63	49.5	41.0	61.4
89	74.0	61.1	91.7
182	3.1	2.3	3.5

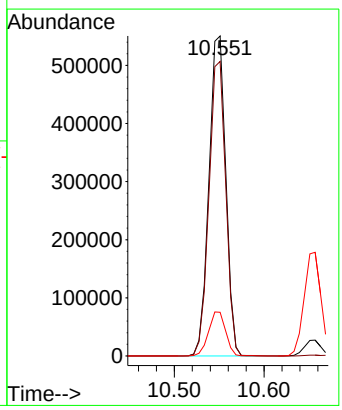


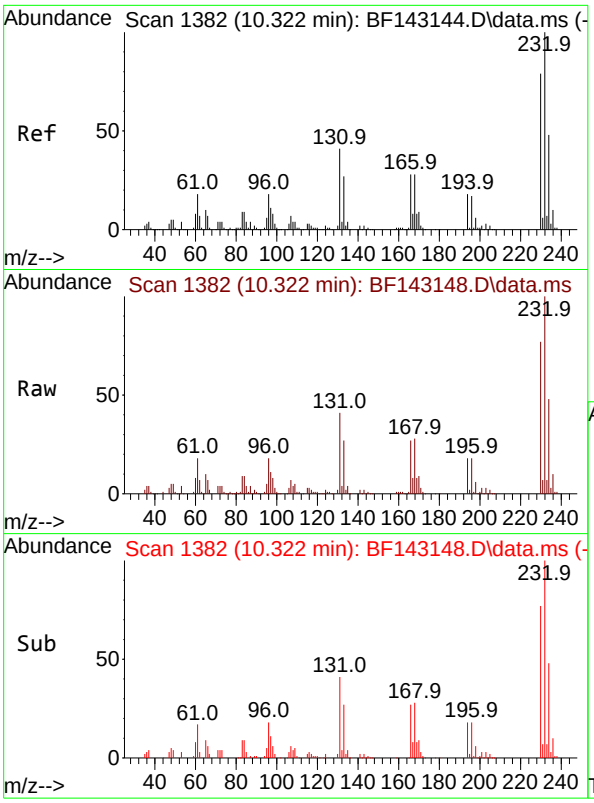


#58
Fluorene
Concen: 39.219 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:166 Resp: 717816

Ion	Ratio	Lower	Upper
166	100		
165	92.1	73.7	110.5
167	13.7	10.6	16.0



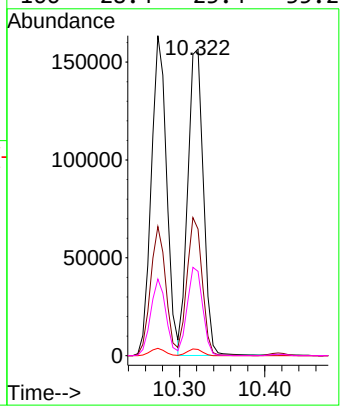


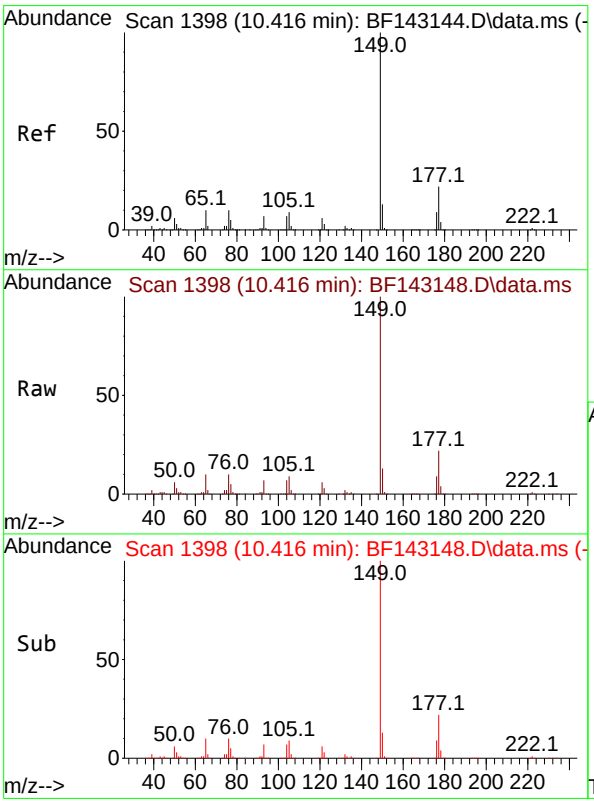
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.743 ng
RT: 10.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:232 Resp: 198530

Ion	Ratio	Lower	Upper
232	100		
131	43.9	35.3	52.9
130	2.1	1.7	2.5
166	28.4	23.4	35.2

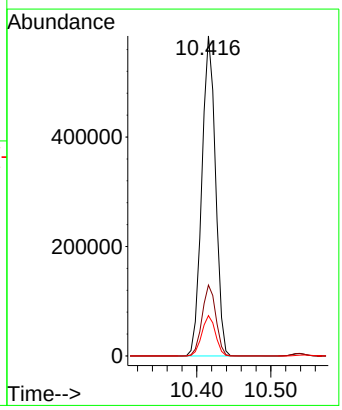


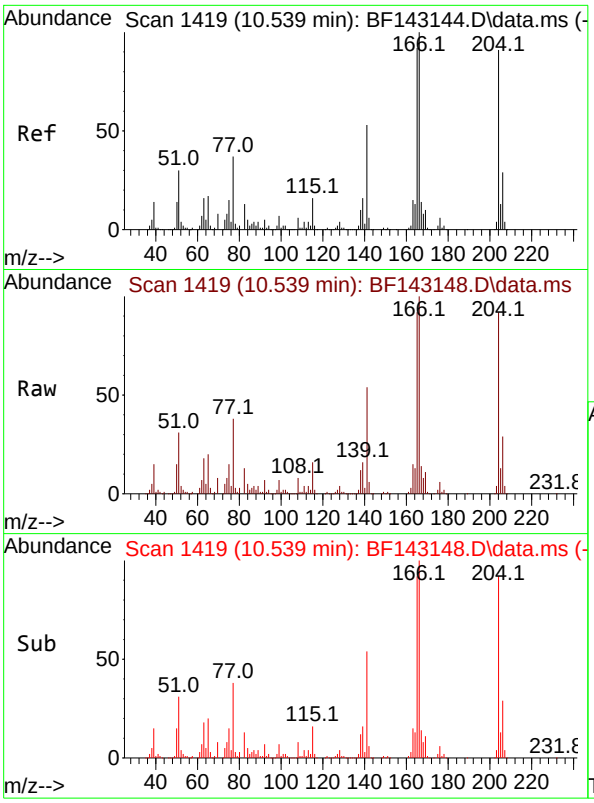


#60
Diethylphthalate
Concen: 40.729 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:149 Resp: 753774

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.5	26.3
150	12.6	10.2	15.2



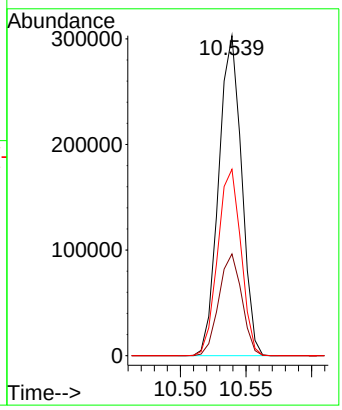


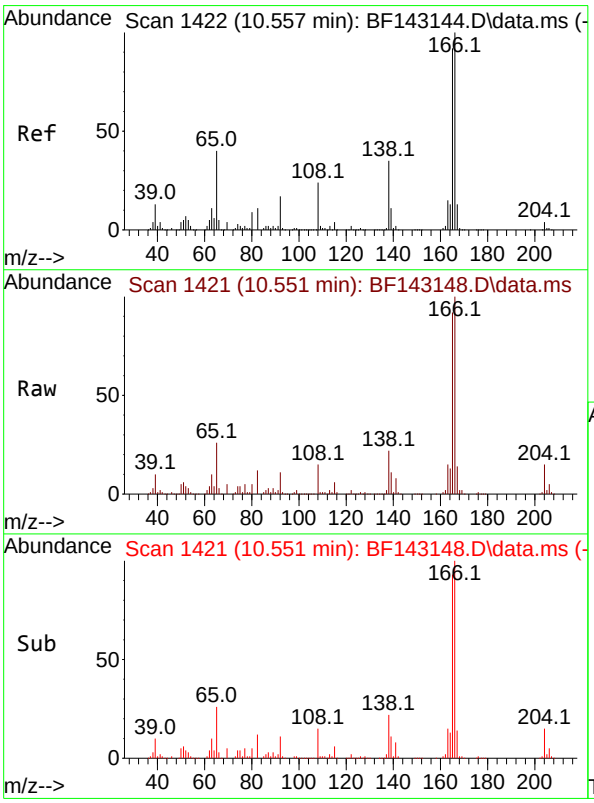
#61
4-Chlorophenyl-phenylether
Concen: 40.377 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:204 Resp: 367981

Ion	Ratio	Lower	Upper
204	100		
206	31.8	25.8	38.8
141	58.3	47.0	70.4

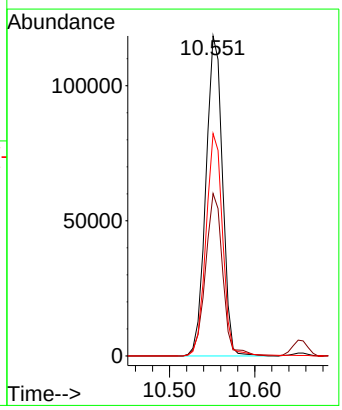


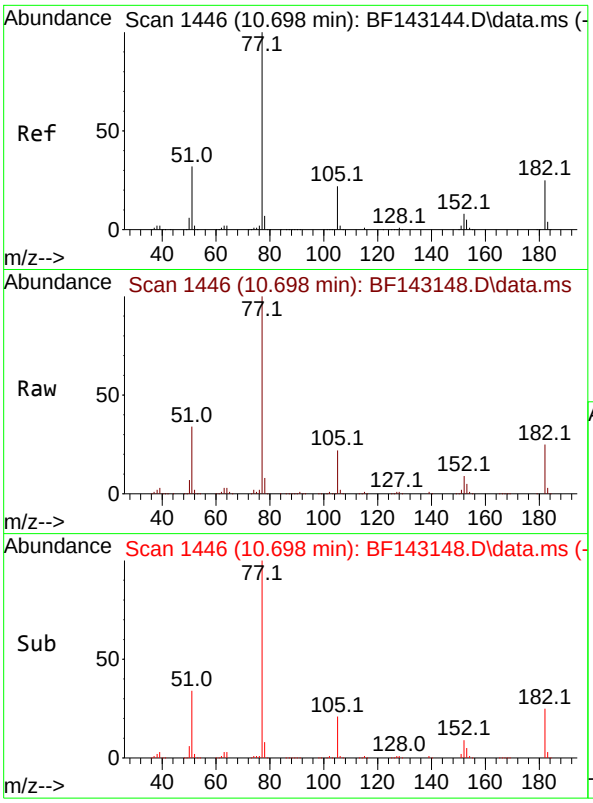


#62
4-Nitroaniline
Concen: 41.953 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:138 Resp: 160193

Ion	Ratio	Lower	Upper
138	100		
92	50.7	29.3	69.3
108	69.5	48.3	88.3



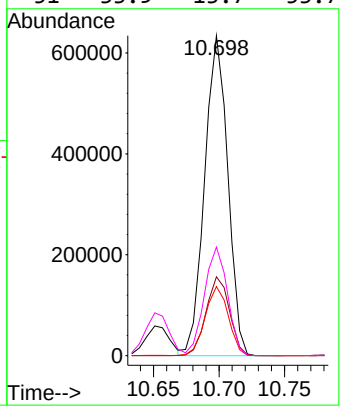


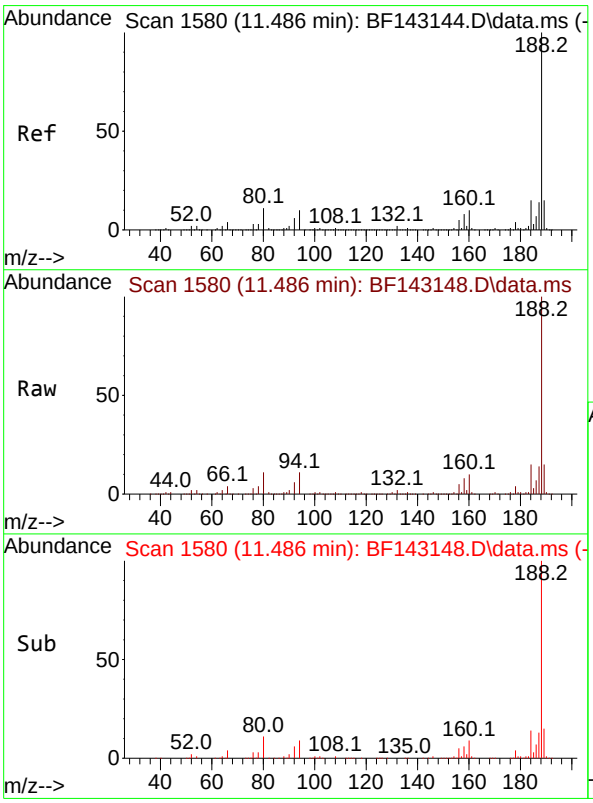
#63
Azobenzene
Concen: 40.414 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion: 77 Resp: 779524

Ion	Ratio	Lower	Upper
77	100		
182	24.6	4.6	44.6
105	21.6	1.4	41.4
51	33.9	13.7	53.7

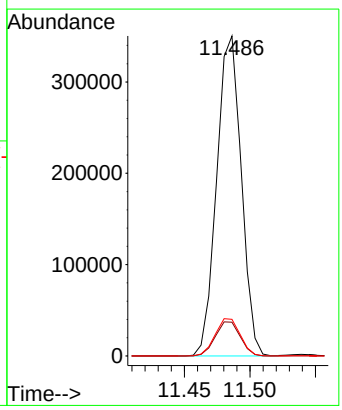


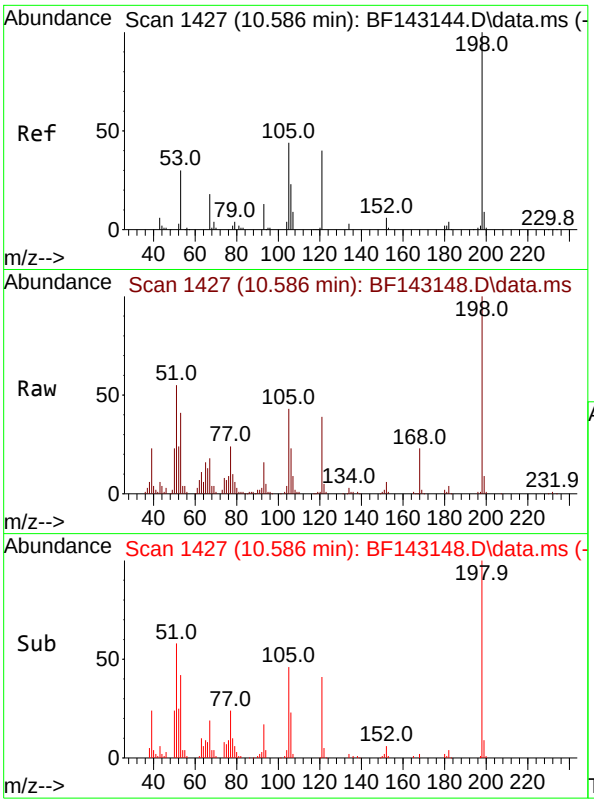


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:188 Resp: 457098

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.3	12.5
80	11.4	9.0	13.6



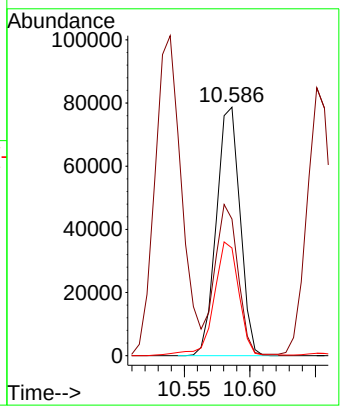


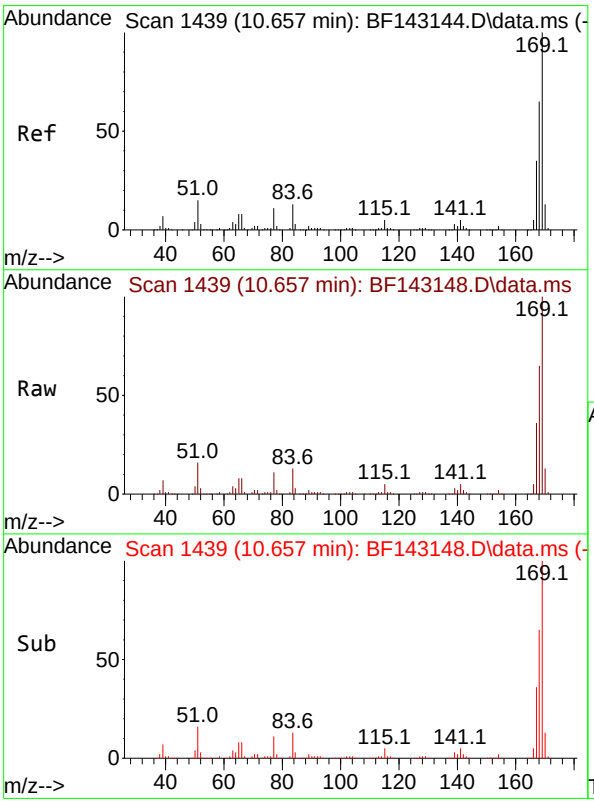
#65
4,6-Dinitro-2-methylphenol
Concen: 41.869 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:198 Resp: 98462

Ion	Ratio	Lower	Upper
198	100		
51	55.0	37.2	77.2
105	43.3	24.8	64.8

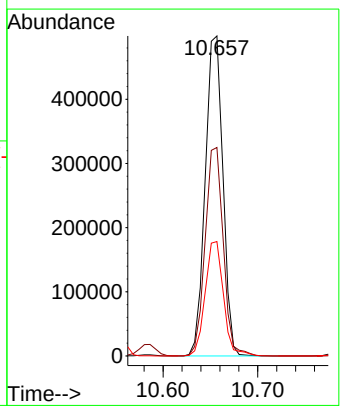


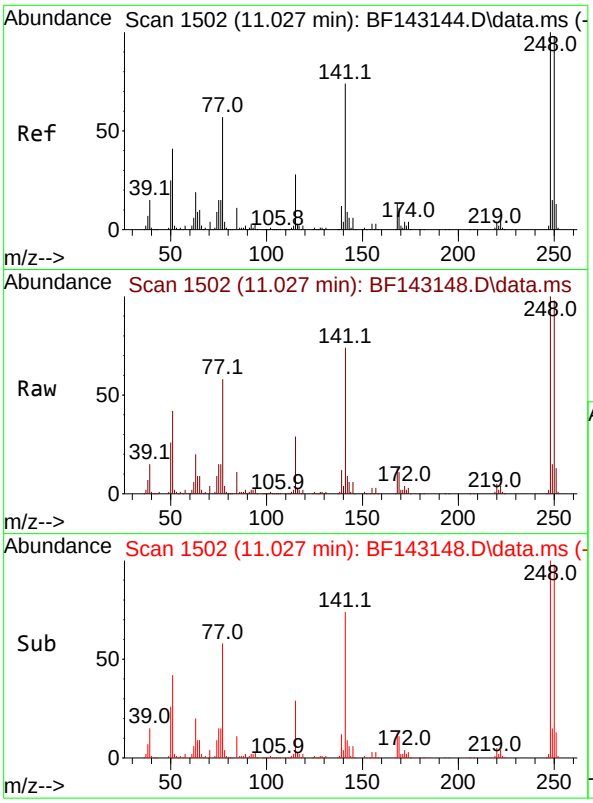


#66
n-Nitrosodiphenylamine
Concen: 40.250 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:169 Resp: 647855

Ion	Ratio	Lower	Upper
169	100		
168	65.2	52.1	78.1
167	35.8	28.2	42.2



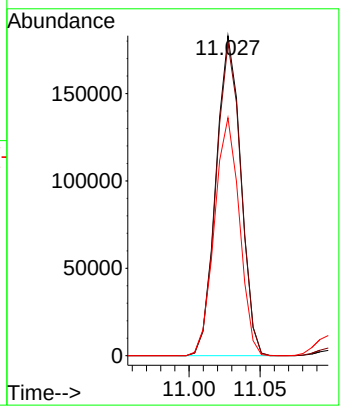


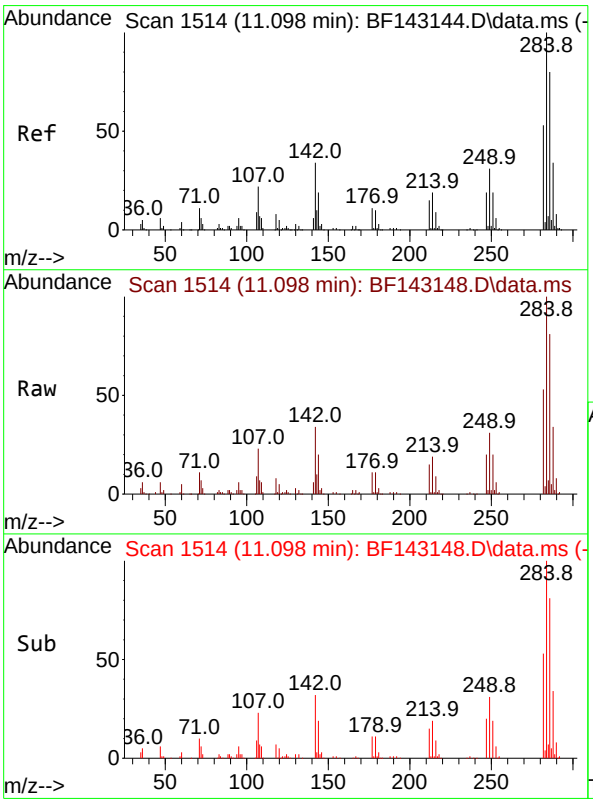
#67
4-Bromophenyl-phenylether
Concen: 40.828 ng
RT: 11.027 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:248 Resp: 222405

Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.3	117.5
141	74.3	59.2	88.8

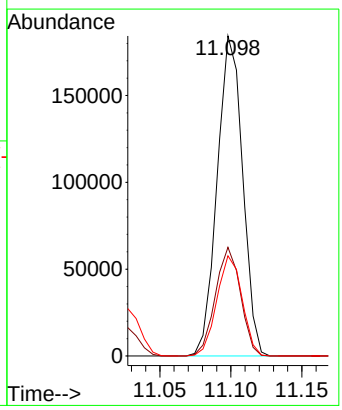


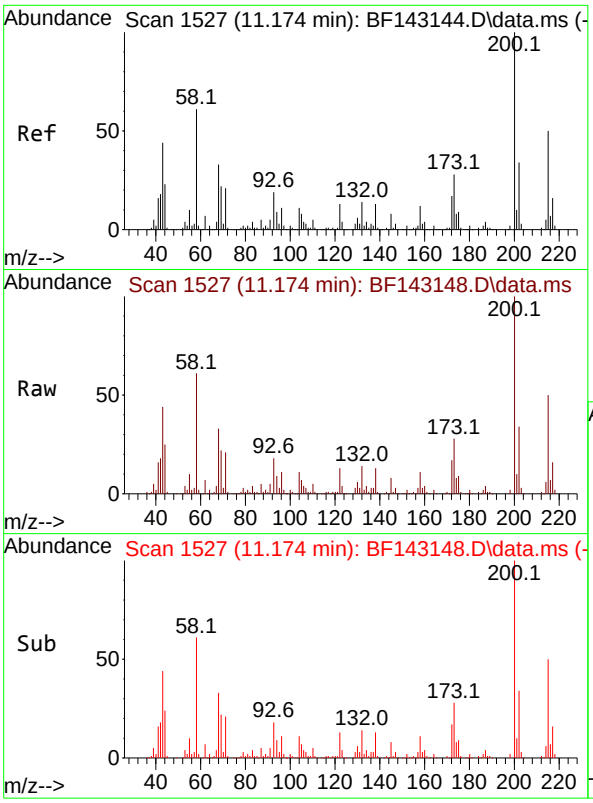


#68
Hexachlorobenzene
Concen: 40.268 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:284 Resp: 229272

Ion	Ratio	Lower	Upper
284	100		
142	34.0	27.0	40.6
249	31.3	25.0	37.6



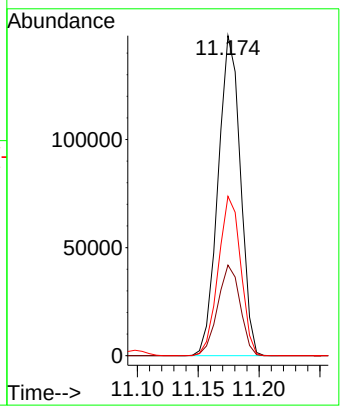


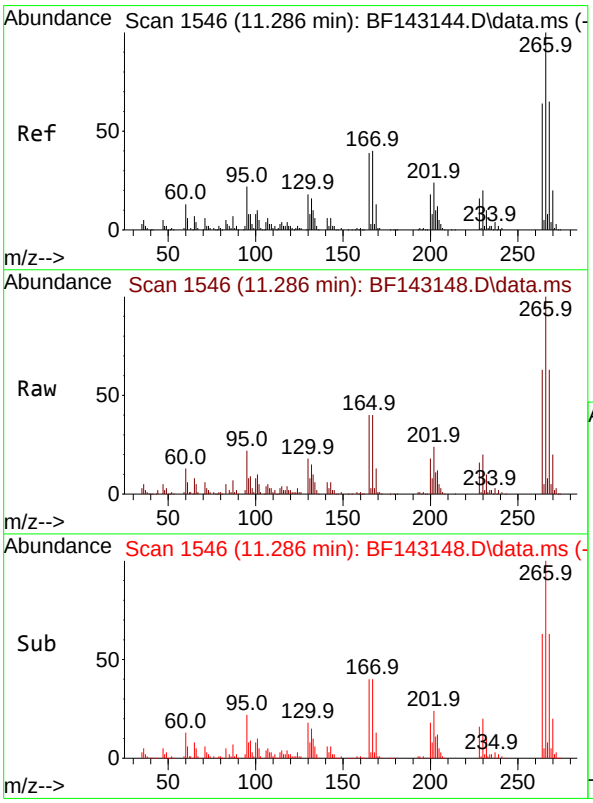
#69
Atrazine
Concen: 42.615 ng
RT: 11.174 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:200 Resp: 189104

Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.9	47.9
215	49.8	30.1	70.1

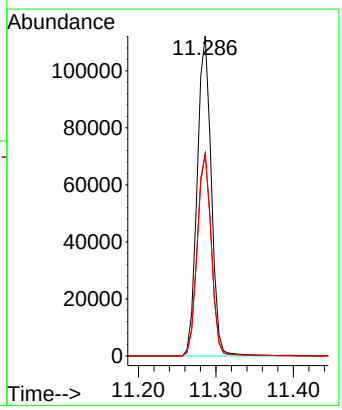


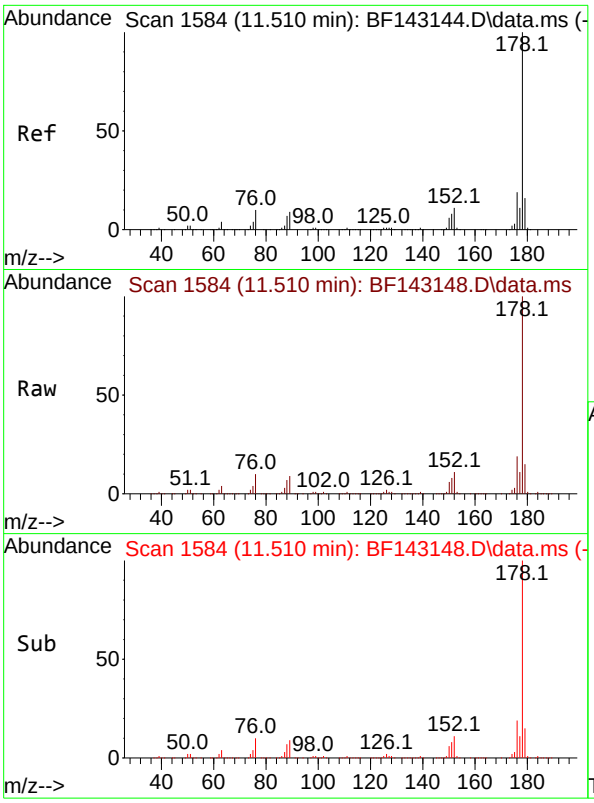


#70
Pentachlorophenol
Concen: 42.292 ng
RT: 11.286 min Scan# 1546
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:266 Resp: 141608

Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.9	77.9
264	63.3	51.0	76.6



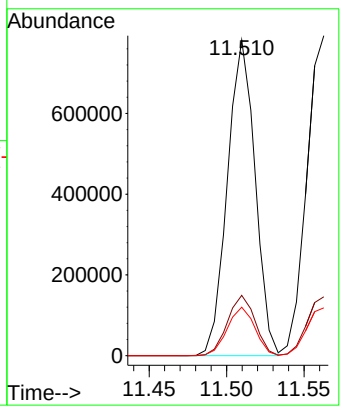


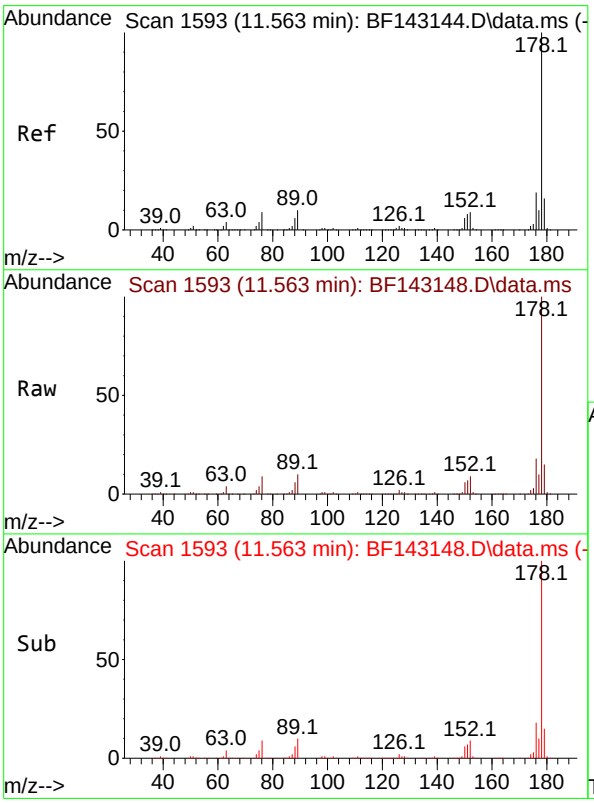
#71
Phenanthrene
Concen: 40.026 ng
RT: 11.510 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:178 Resp: 971448

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.3	12.5	18.7

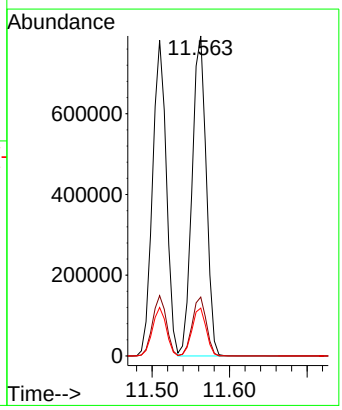


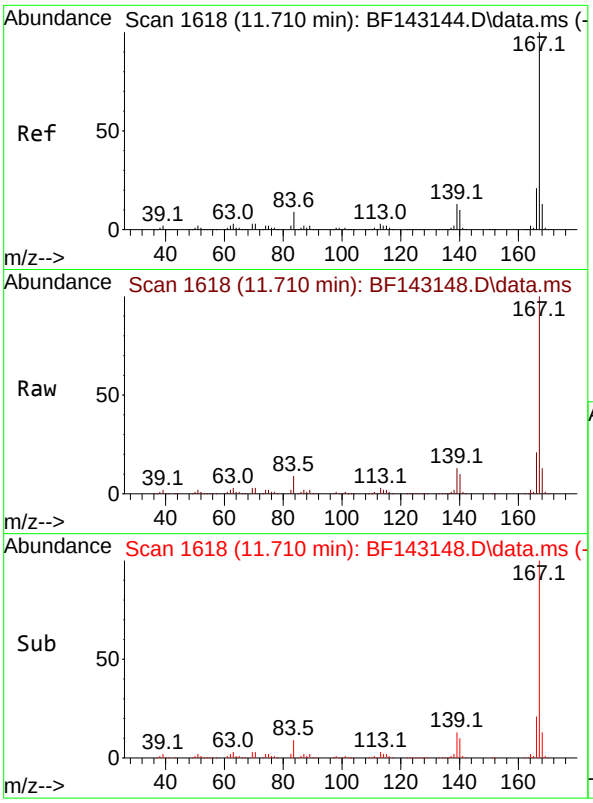


#72
Anthracene
Concen: 40.557 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:178 Resp: 1003925

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	15.0	12.5	18.7



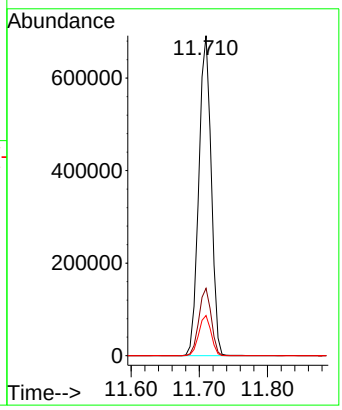


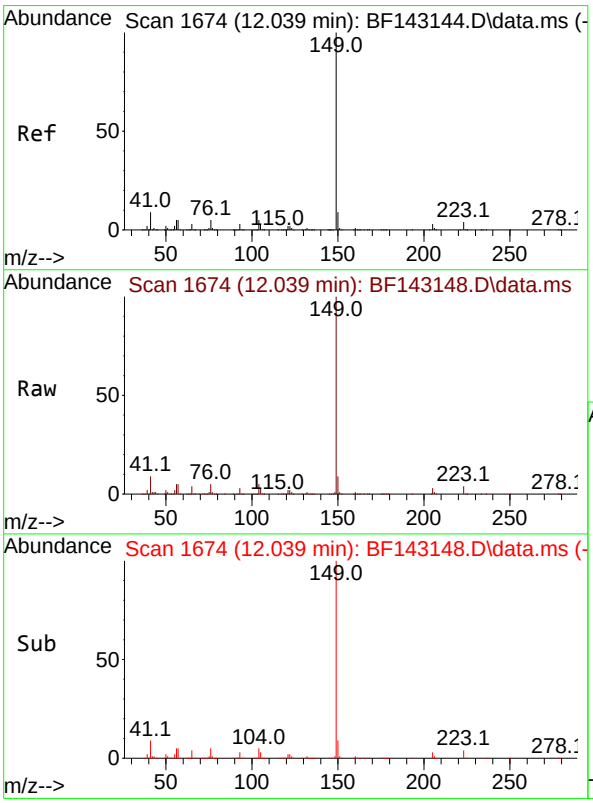
#73
Carbazole
Concen: 40.476 ng
RT: 11.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:167 Resp: 874867

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.6
139	12.5	10.0	15.0

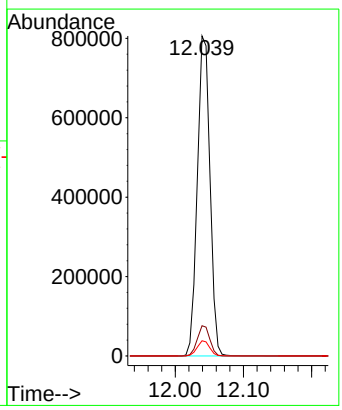


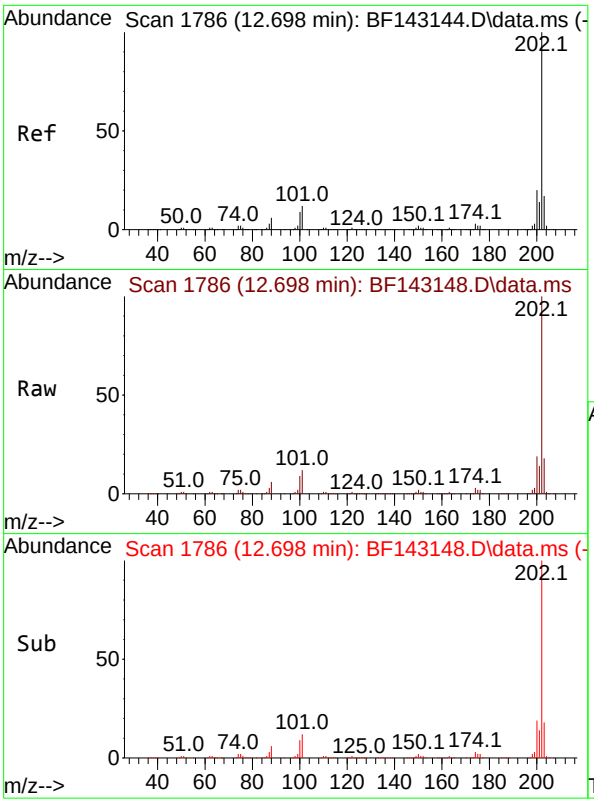


#74
Di-n-butylphthalate
Concen: 42.330 ng
RT: 12.039 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:149 Resp: 1035244

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	4.7	3.8	5.8



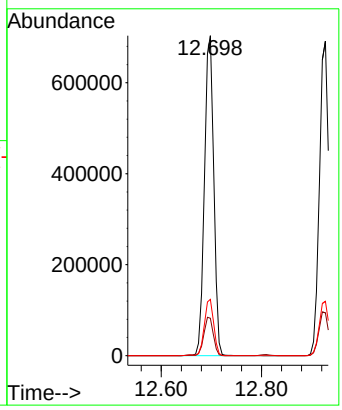


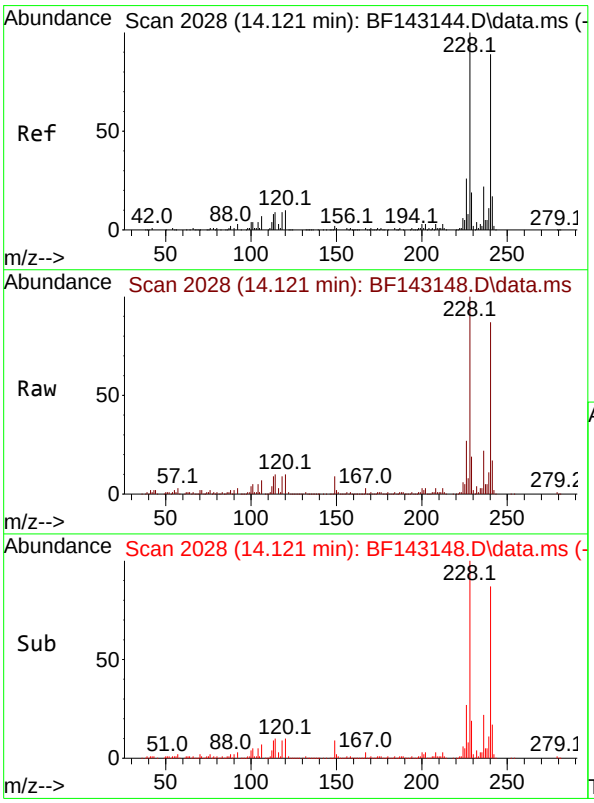
#75
Fluoranthene
Concen: 40.836 ng
RT: 12.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:202 Resp: 909717

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.7
203	17.6	0.0	37.4

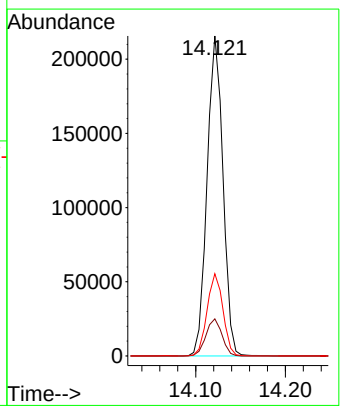


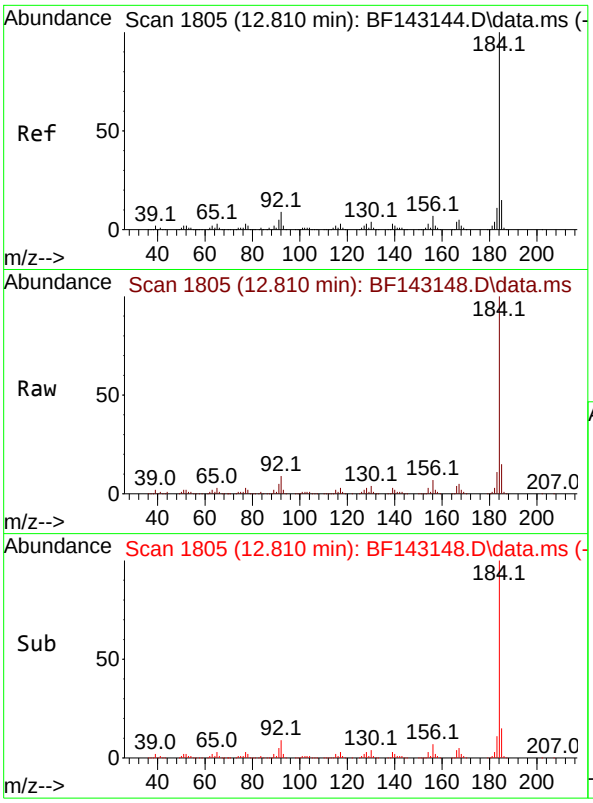


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:240 Resp: 265008

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.4	14.2
236	25.7	20.2	30.4



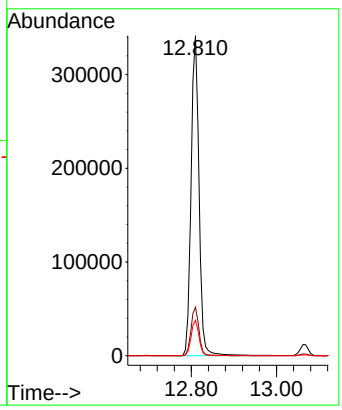


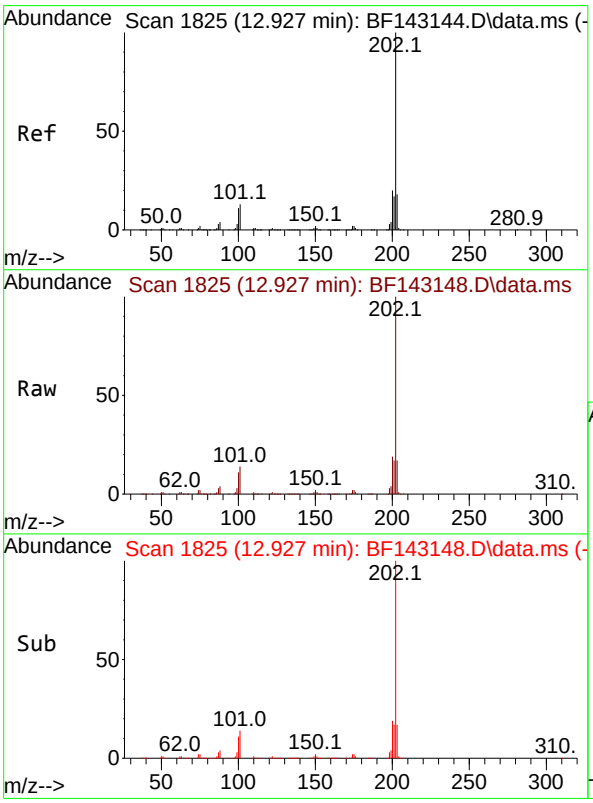
#77
Benzidine
Concen: 43.239 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:184 Resp: 441470

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.2	18.4
183	11.1	9.0	13.4

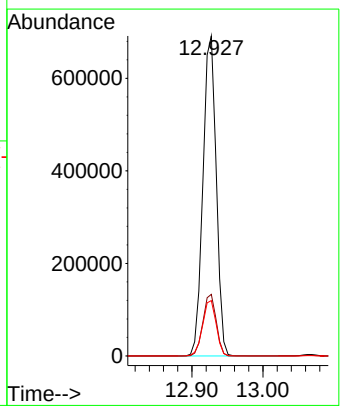


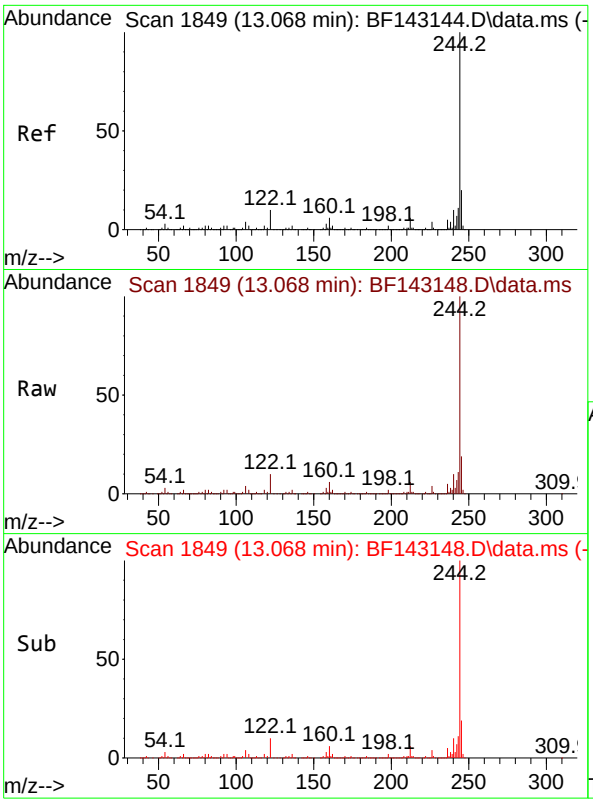


#78
Pyrene
Concen: 39.916 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:202 Resp: 902771

Ion	Ratio	Lower	Upper
202	100		
200	19.3	15.7	23.5
203	17.3	14.2	21.2



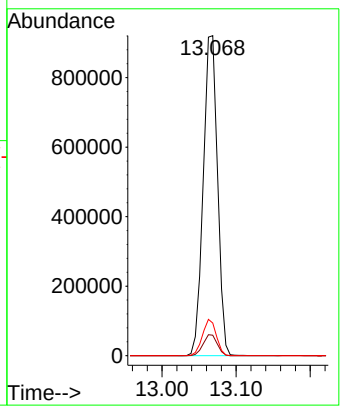


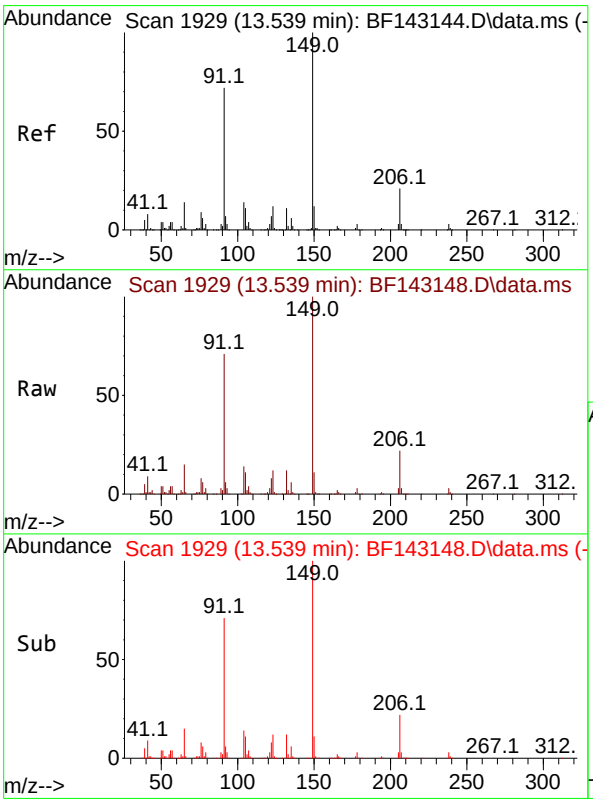
#79
Terphenyl-d14
Concen: 69.333 ng
RT: 13.068 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:244 Resp: 1234701

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.2	7.8
122	10.2	8.2	12.2

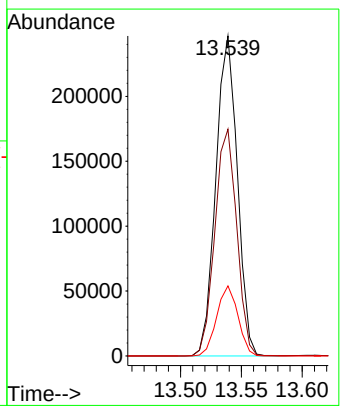


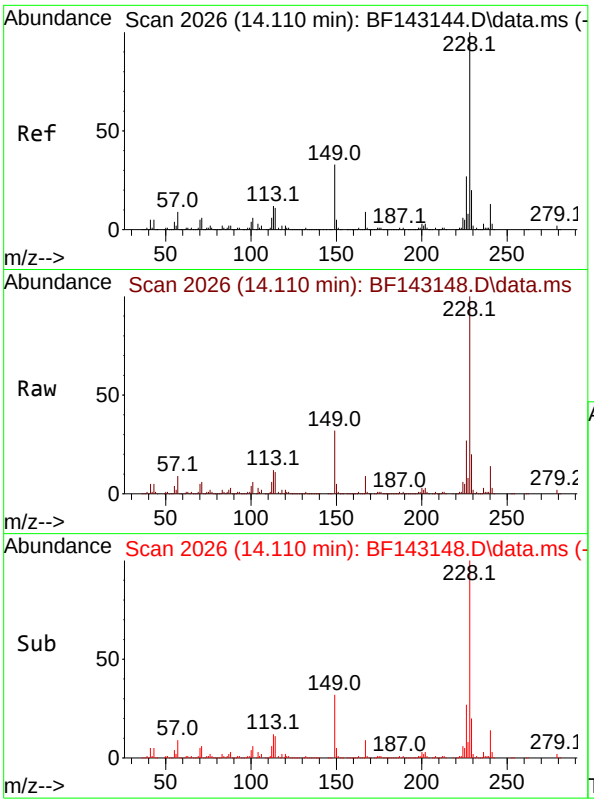


#80
Butylbenzylphthalate
Concen: 43.827 ng
RT: 13.539 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:149 Resp: 303528

Ion	Ratio	Lower	Upper
149	100		
91	70.9	57.9	86.9
206	21.9	17.0	25.4



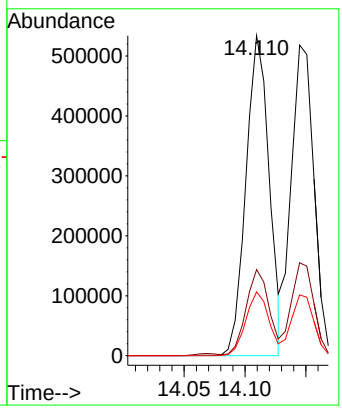


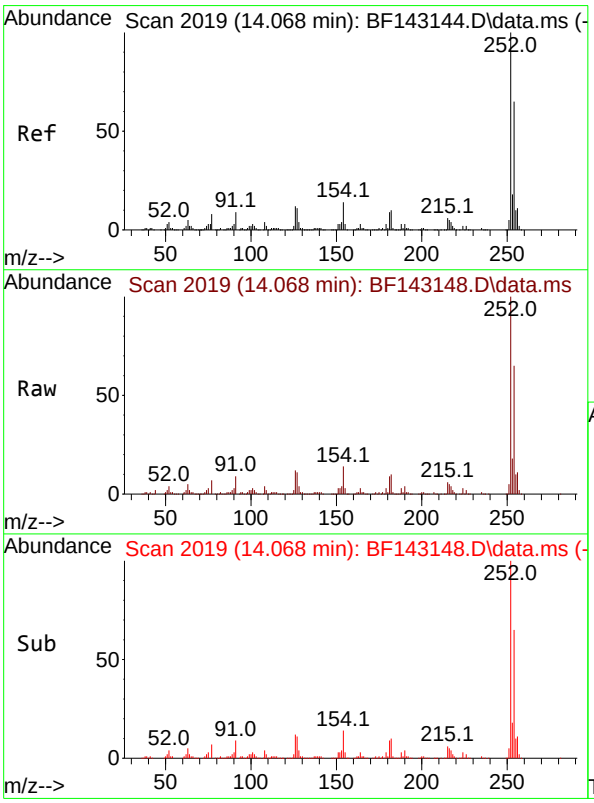
#81
Benzo(a)anthracene
Concen: 39.950 ng
RT: 14.110 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:228 Resp: 708799

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	20.0	15.8	23.6

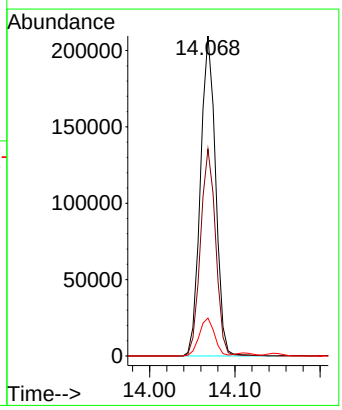


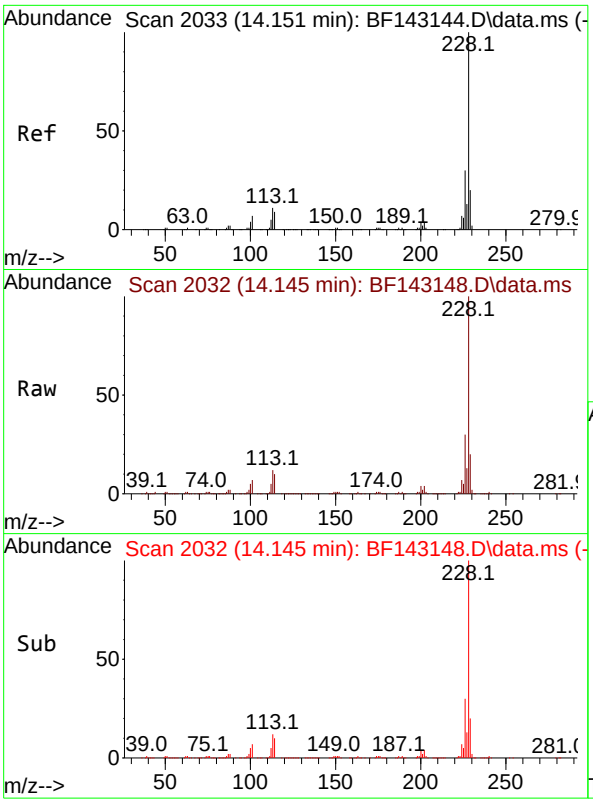


#82
3,3'-Dichlorobenzidine
Concen: 43.772 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:252 Resp: 258837

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	11.9	9.4	14.0



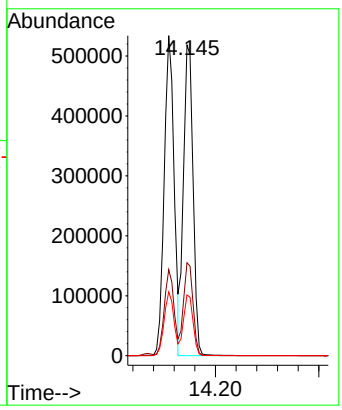


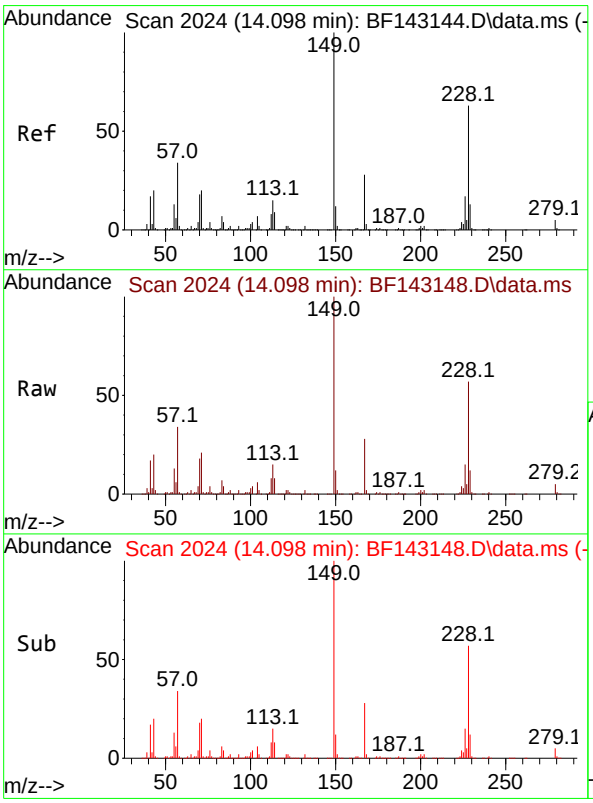
#83
Chrysene
Concen: 42.233 ng
RT: 14.145 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:228 Resp: 673701

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.8
229	19.6	15.6	23.4

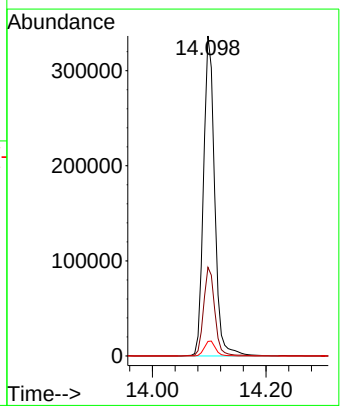


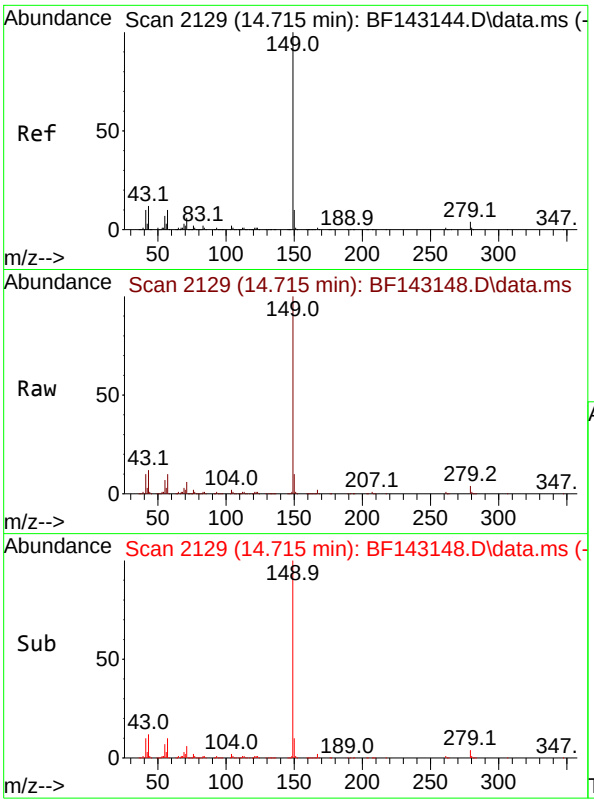


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.578 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:149 Resp: 456811

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.3	33.5
279	4.6	3.6	5.4



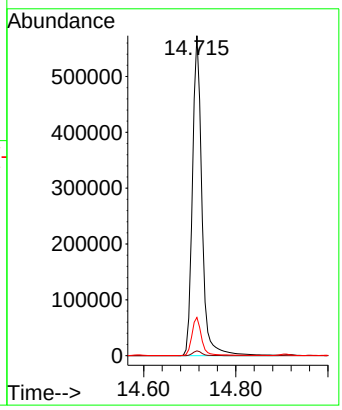


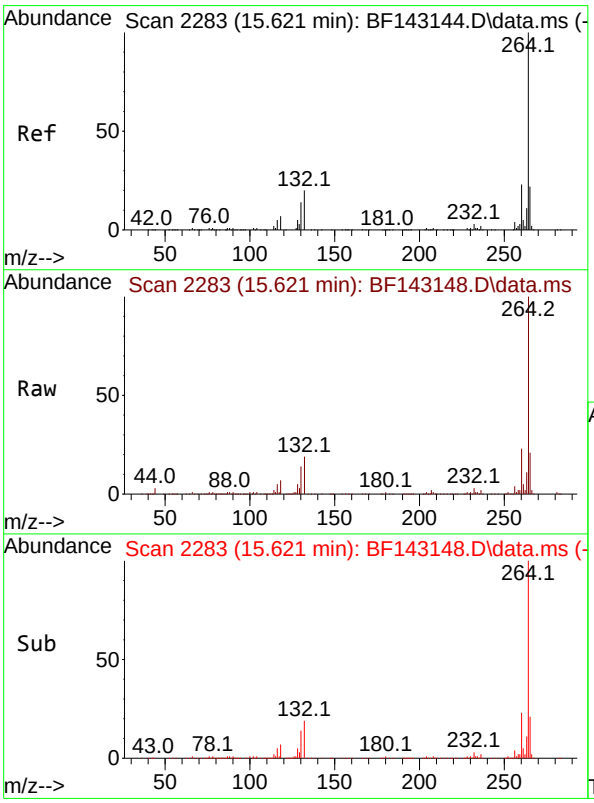
#85
Di-n-octyl phthalate
Concen: 43.077 ng
RT: 14.715 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:149 Resp: 818512

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	12.2	9.7	14.5

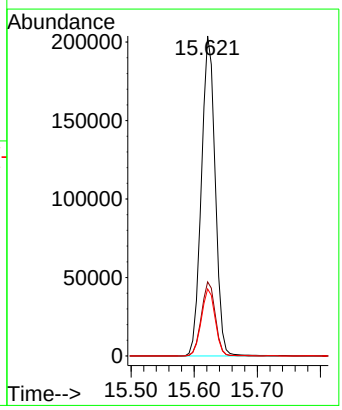


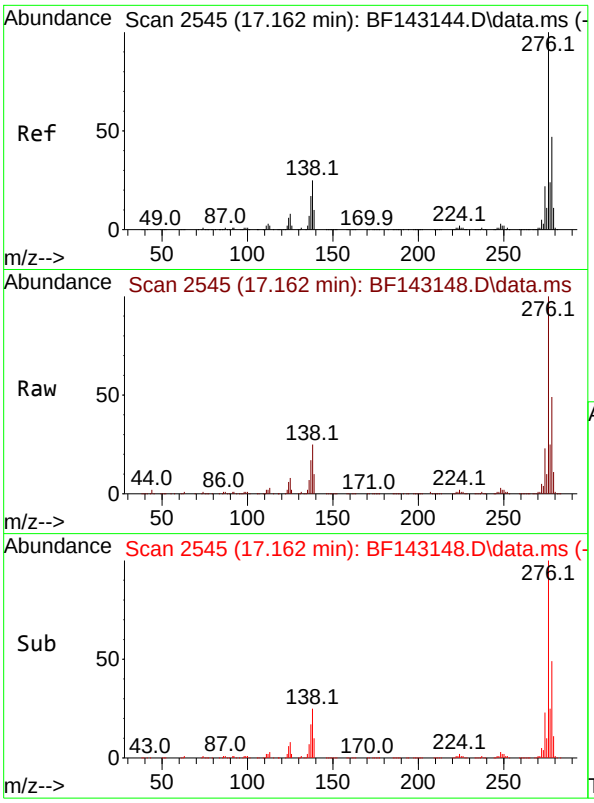


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:264 Resp: 310192

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	20.9	17.4	26.2



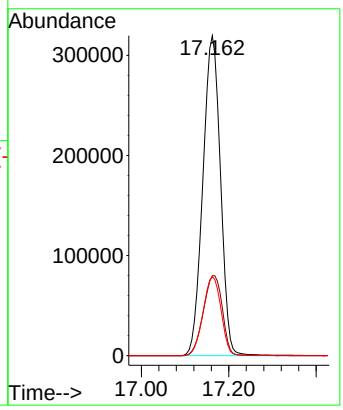


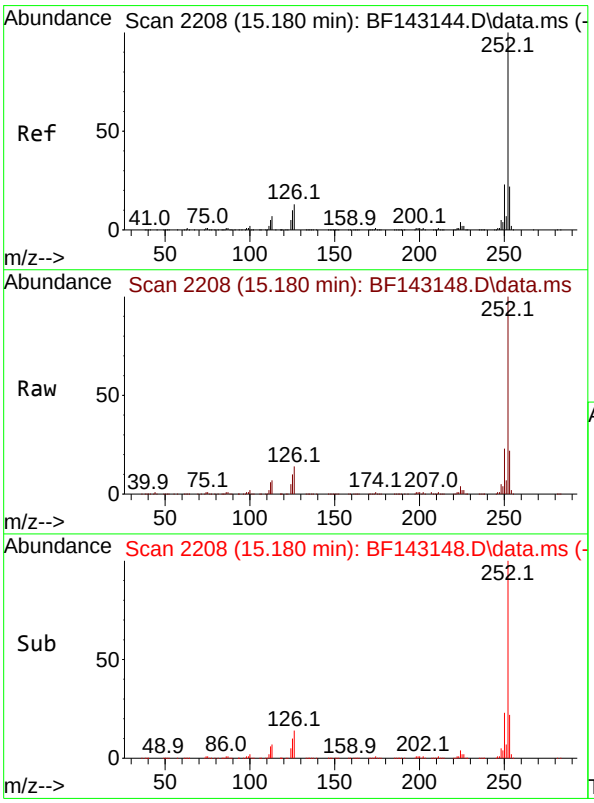
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.983 ng
RT: 17.162 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:276 Resp: 896404

Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.8	32.6
277	25.2	20.0	30.0

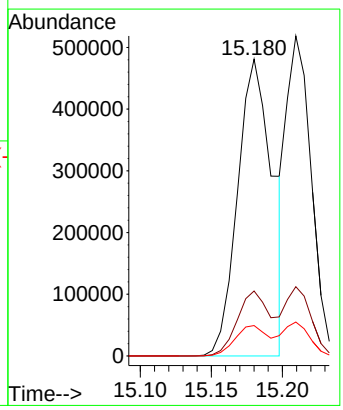


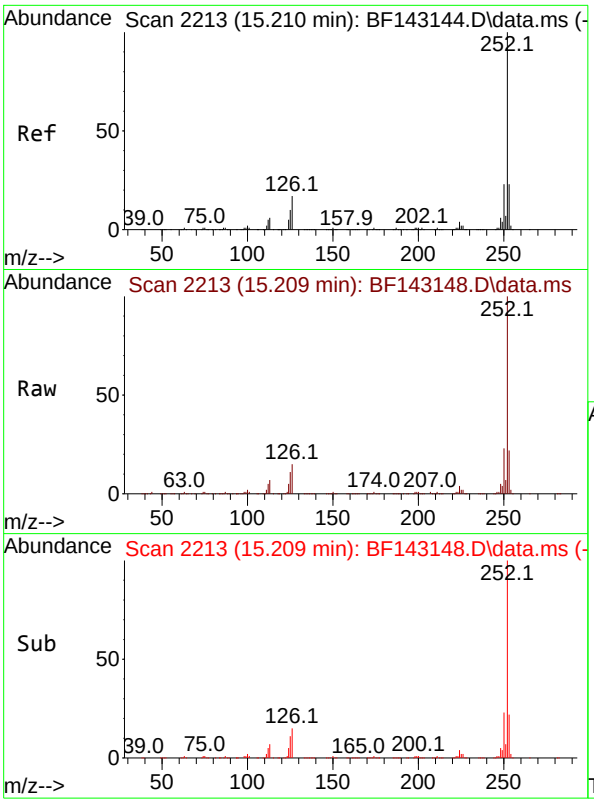


#88
Benzo(b)fluoranthene
Concen: 43.278 ng
RT: 15.180 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:252 Resp: 820119

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.3	8.0	12.0



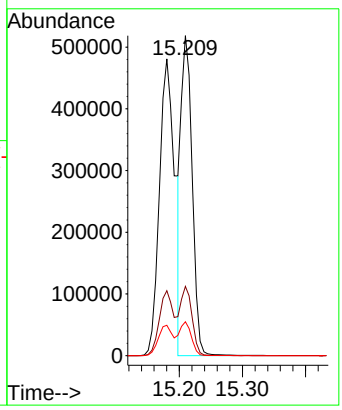


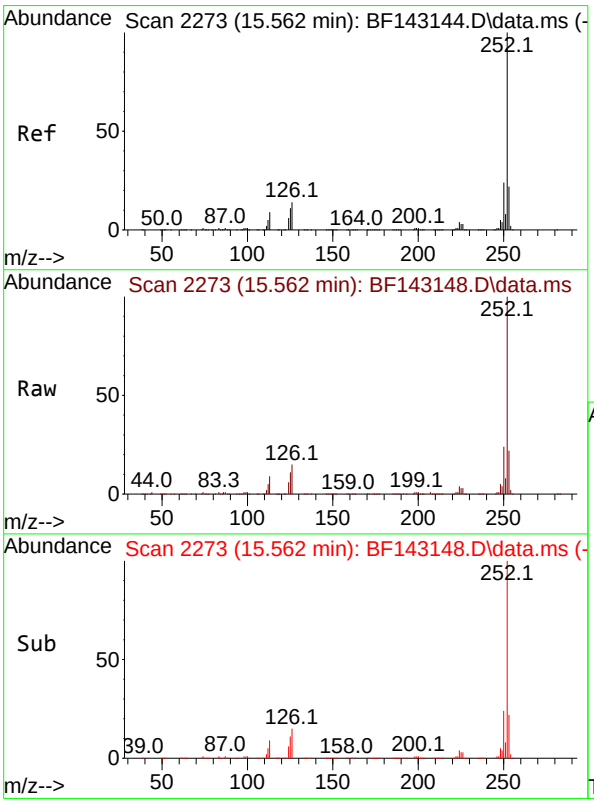
#89
Benzo(k)fluoranthene
Concen: 37.531 ng
RT: 15.209 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:252 Resp: 634642

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	10.6	8.1	12.1

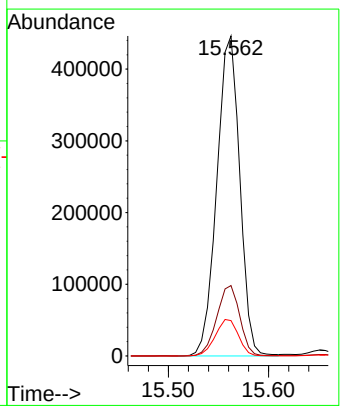


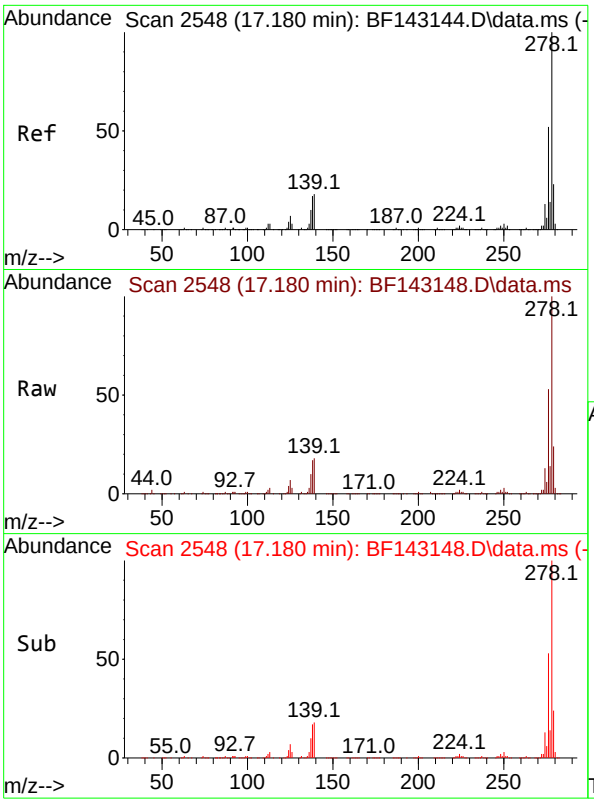


#90
Benzo(a)pyrene
Concen: 40.594 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:252 Resp: 708756

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	11.1	8.6	13.0



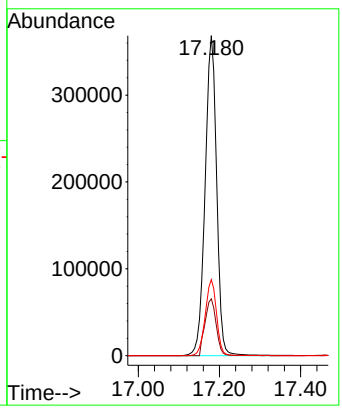


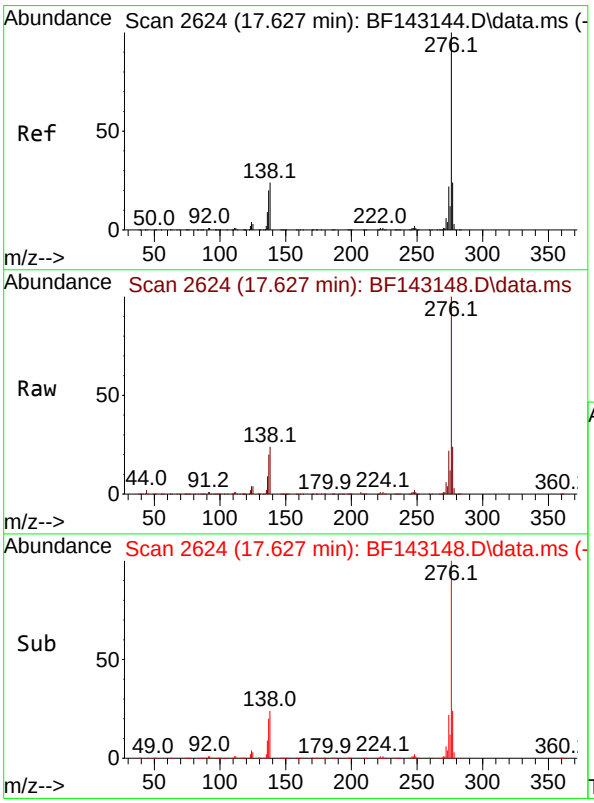
#91
Dibenzo(a,h)anthracene
Concen: 40.710 ng
RT: 17.180 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:278 Resp: 724758

Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.1	21.1
279	23.8	18.6	28.0

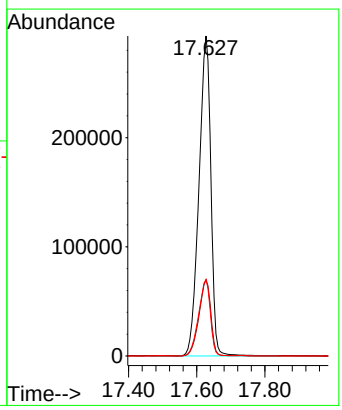




#92
Benzo(g,h,i)perylene
Concen: 41.394 ng
RT: 17.627 min Scan# 2624
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:276 Resp: 712864

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	23.9	18.9	28.3



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143215.D
Acq On : 23 Jul 2025 16:59
Operator : RC/JU
Sample : PB168948BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Quant Time: Jul 23 17:24:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	126300	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	493438	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	259875	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	435477	20.000	ng		0.00
76) Chrysene-d12	14.127	240	244161	20.000	ng		0.00
86) Perylene-d12	15.627	264	257113	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.610	112	924824	115.875	ng		0.02
7) Phenol-d6	6.598	99	1185294	117.988	ng		0.01
23) Nitrobenzene-d5	7.522	82	841774	85.036	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	351467	130.917	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1496266	78.743	ng		0.00
79) Terphenyl-d14	13.069	244	1406445	85.720	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.905	88	131336	34.777	ng		98
3) Pyridine	3.657	79	364578	37.194	ng		98
4) n-Nitrosodimethylamine	3.599	42	214548	42.394	ng		99
6) Aniline	6.628	93	482943	34.494	ng		98
8) 2-Chlorophenol	6.751	128	366569	43.817	ng		97
9) Benzaldehyde	6.510	77	240667	31.949	ng		99
10) Phenol	6.610	94	467718	42.738	ng		87
11) bis(2-Chloroethyl)ether	6.693	93	357965	42.720	ng		99
12) 1,3-Dichlorobenzene	6.910	146	385106	42.375	ng		98
13) 1,4-Dichlorobenzene	6.981	146	393214	42.964	ng		100
14) 1,2-Dichlorobenzene	7.134	146	379636	43.612	ng		99
15) Benzyl Alcohol	7.098	79	342507	44.652	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	660400	42.486	ng		98
17) 2-Methylphenol	7.210	107	306654	43.594	ng		99
18) Hexachloroethane	7.481	117	142182	44.875	ng		98
19) n-Nitroso-di-n-propyla...	7.375	70	275254	42.708	ng		99
20) 3+4-Methylphenols	7.363	107	372081	43.598	ng	#	81
22) Acetophenone	7.369	105	496665	42.515	ng	#	96
24) Nitrobenzene	7.540	77	408379	44.250	ng		99
25) Isophorone	7.781	82	762625	43.641	ng		99
26) 2-Nitrophenol	7.857	139	200859	50.147	ng		100
27) 2,4-Dimethylphenol	7.892	122	353610	43.311	ng		99
28) bis(2-Chloroethoxy)met...	7.987	93	451468	43.089	ng		99
29) 2,4-Dichlorophenol	8.098	162	308736	44.840	ng		99
30) 1,2,4-Trichlorobenzene	8.187	180	324312	43.599	ng		99
31) Naphthalene	8.269	128	1060886	43.656	ng		100
32) Benzoic acid	8.010	122	236447	51.044	ng		98
33) 4-Chloroaniline	8.304	127	197278	19.881	ng		100
34) Hexachlorobutadiene	8.387	225	203349	44.751	ng		99
35) Caprolactam	8.675	113	67413	32.400	ng		97
36) 4-Chloro-3-methylphenol	8.787	107	342197	45.725	ng		100
37) 2-Methylnaphthalene	8.957	142	655261	44.311	ng		99
38) 1-Methylnaphthalene	9.057	142	675688	44.373	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	322973	43.047	ng		99
41) Hexachlorocyclopentadiene	9.116	237	450093	92.196	ng		99
43) 2,4,6-Trichlorophenol	9.234	196	233839	45.033	ng		100

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143215.D
Acq On : 23 Jul 2025 16:59
Operator : RC/JU
Sample : PB168948BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Quant Time: Jul 23 17:24:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

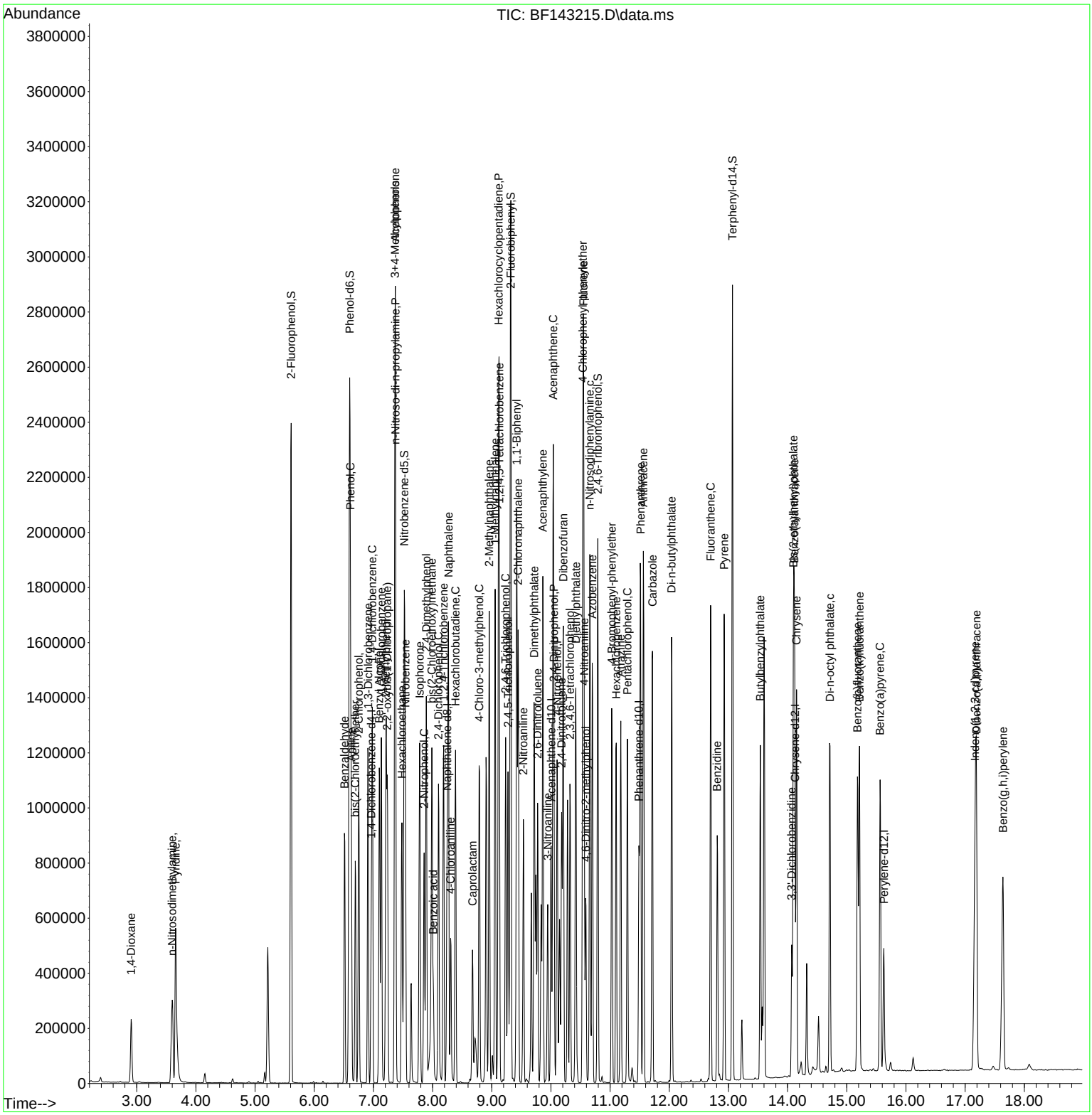
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	232441	44.750	ng		99
46) 1,1'-Biphenyl	9.422	154	887556	43.775	ng		100
47) 2-Chloronaphthalene	9.445	162	656145	43.736	ng		100
48) 2-Nitroaniline	9.534	65	226980	48.246	ng		97
49) Acenaphthylene	9.863	152	1106913	44.027	ng		100
50) Dimethylphthalate	9.716	163	783709	46.265	ng		100
51) 2,6-Dinitrotoluene	9.775	165	173179	50.256	ng		99
52) Acenaphthene	10.039	154	718361	48.343	ng		96
53) 3-Nitroaniline	9.945	138	131906	32.726	ng		100
54) 2,4-Dinitrophenol	10.051	184	176857	110.471	ng	#	1
55) Dibenzofuran	10.210	168	962852	43.643	ng		100
56) 4-Nitrophenol	10.104	139	282579	93.885	ng		99
57) 2,4-Dinitrotoluene	10.181	165	232149	53.697	ng		95
58) Fluorene	10.551	166	729587	44.062	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	186237	43.284	ng		99
60) Diethylphthalate	10.422	149	780972	46.645	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	372079	45.128	ng		99
62) 4-Nitroaniline	10.563	138	173011	50.083	ng		98
63) Azobenzene	10.698	77	780671	44.738	ng		99
65) 4,6-Dinitro-2-methylph...	10.592	198	119668	51.921	ng		95
66) n-Nitrosodiphenylamine	10.657	169	664504	43.334	ng		99
67) 4-Bromophenyl-phenylether	11.028	248	231837	44.672	ng		98
68) Hexachlorobenzene	11.104	284	239145	44.087	ng		97
69) Atrazine	11.180	200	210616	49.820	ng		98
70) Pentachlorophenol	11.292	266	200160	62.747	ng		98
71) Phenanthrene	11.516	178	1013911	43.850	ng		99
72) Anthracene	11.563	178	1036500	43.952	ng		99
73) Carbazole	11.716	167	918922	44.625	ng		99
74) Di-n-butylphthalate	12.039	149	1146896	49.223	ng		99
75) Fluoranthene	12.698	202	984952	46.409	ng		99
77) Benzidine	12.810	184	476629	50.668	ng		98
78) Pyrene	12.927	202	979588	47.010	ng		100
80) Butylbenzylphthalate	13.539	149	379300	59.443	ng		98
81) Benzo(a)anthracene	14.116	228	748619	45.797	ng		100
82) 3,3'-Dichlorobenzidine	14.069	252	137313	25.204	ng		99
83) Chrysene	14.151	228	665571	45.286	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	495206	51.274	ng		99
85) Di-n-octyl phthalate	14.716	149	817940	46.722	ng		99
87) Indeno(1,2,3-cd)pyrene	17.168	276	836182	46.122	ng		99
88) Benzo(b)fluoranthene	15.180	252	713703	45.438	ng		100
89) Benzo(k)fluoranthene	15.216	252	655222	46.747	ng		99
90) Benzo(a)pyrene	15.563	252	668195	46.172	ng		100
91) Dibenzo(a,h)anthracene	17.192	278	682369	46.242	ng		98
92) Benzo(g,h,i)perylene	17.639	276	677636	47.472	ng		99

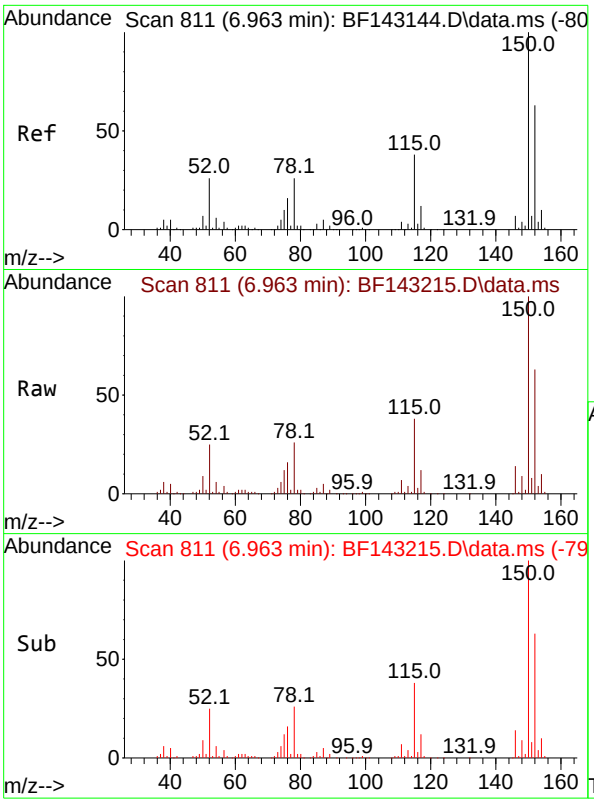
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143215.D
Acq On : 23 Jul 2025 16:59
Operator : RC/JU
Sample : PB168948BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Quant Time: Jul 23 17:24:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



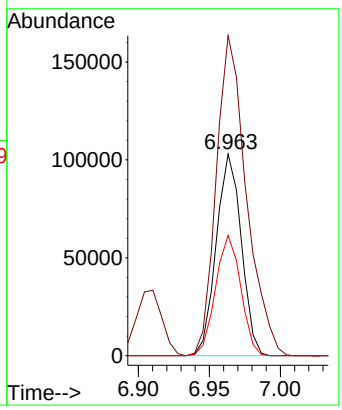


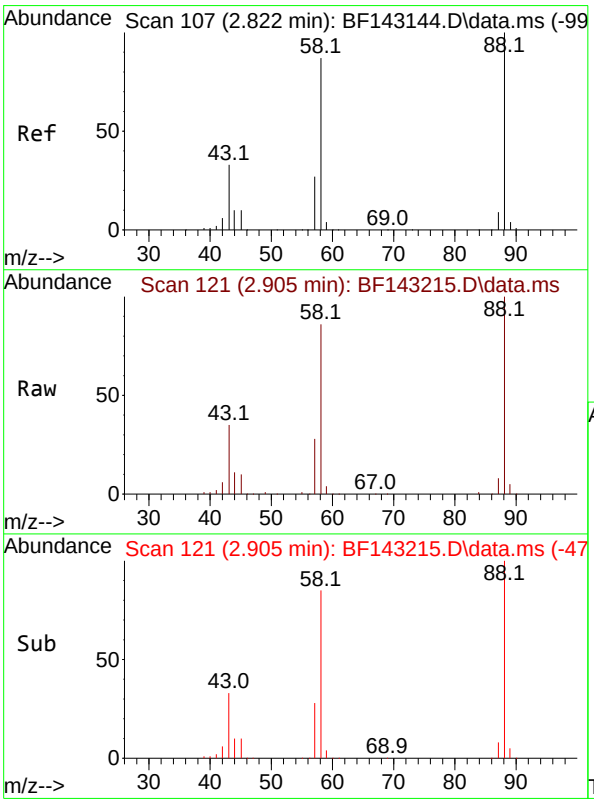
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:152 Resp: 126300

Ion	Ratio	Lower	Upper
152	100		
150	158.7	128.2	192.4
115	59.6	47.9	71.9

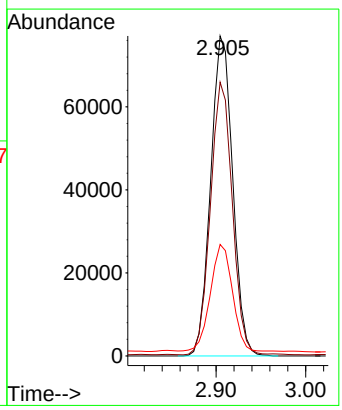


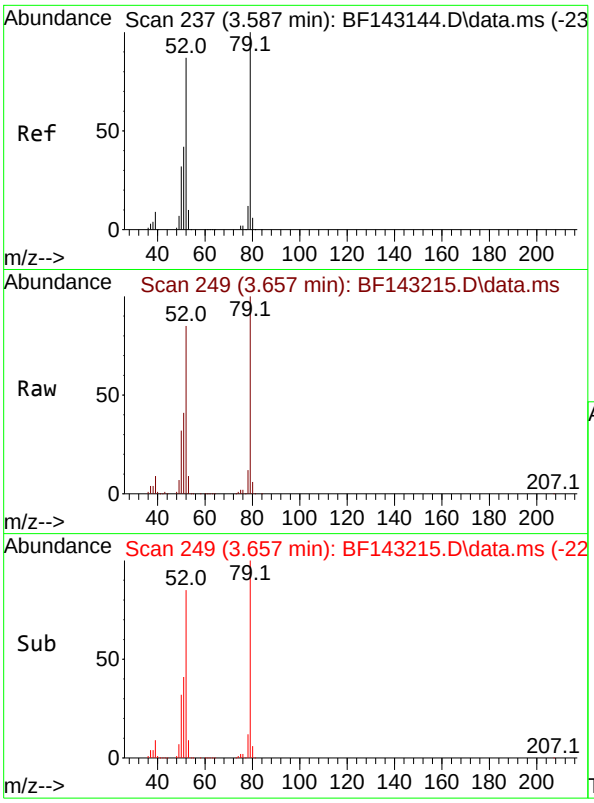


#2
1,4-Dioxane
Concen: 34.777 ng
RT: 2.905 min Scan# 121
Delta R.T. 0.082 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion: 88 Resp: 131336

Ion	Ratio	Lower	Upper
88	100		
58	84.9	70.2	105.2
43	33.5	27.1	40.7



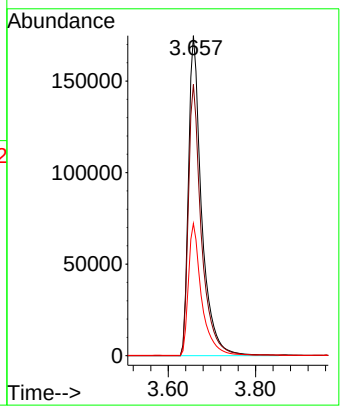


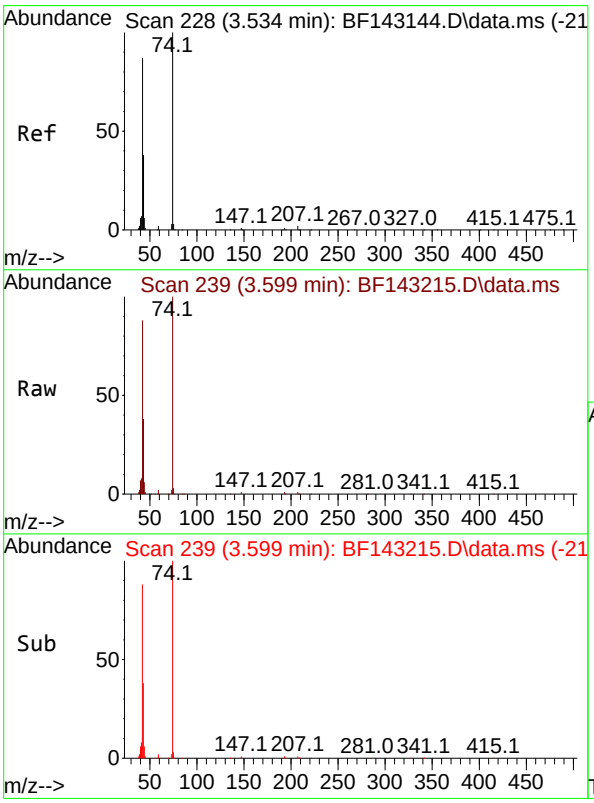
#3
Pyridine
Concen: 37.194 ng
RT: 3.657 min Scan# 24
Delta R.T. 0.071 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion: 79 Resp: 364578

Ion	Ratio	Lower	Upper
79	100		
52	84.8	69.4	104.2
51	41.3	33.5	50.3

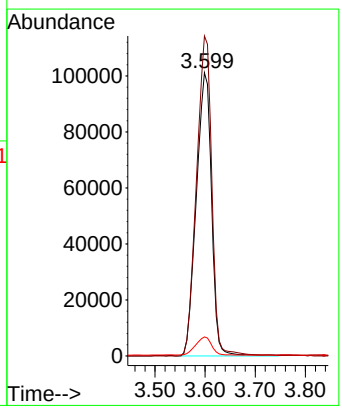


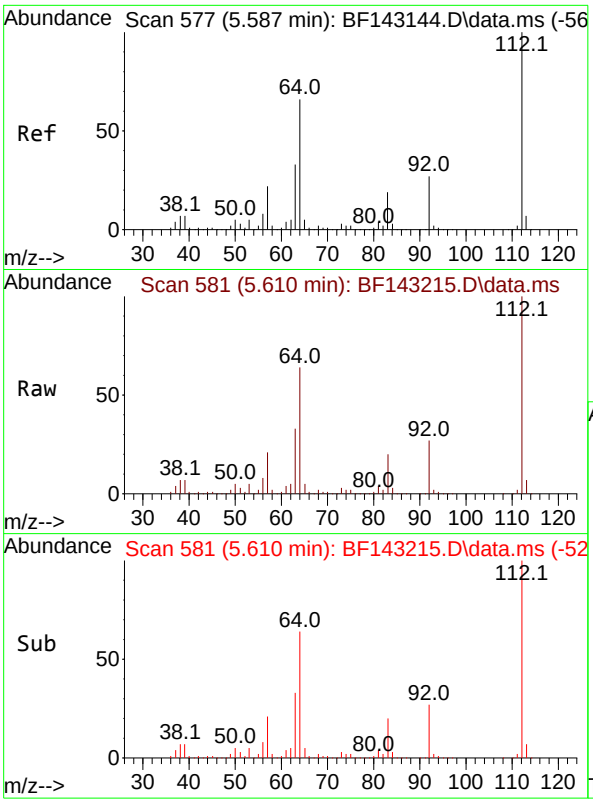


#4
n-Nitrosodimethylamine
Concen: 42.394 ng
RT: 3.599 min Scan# 239
Delta R.T. 0.065 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion: 42 Resp: 214548

Ion	Ratio	Lower	Upper
42	100		
74	113.0	91.7	137.5
44	6.7	5.6	8.4



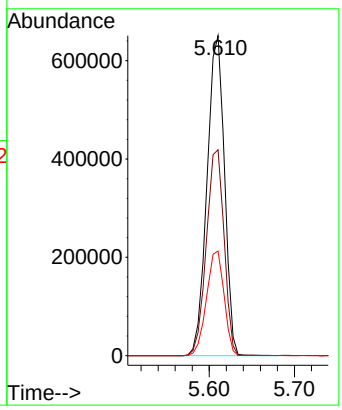


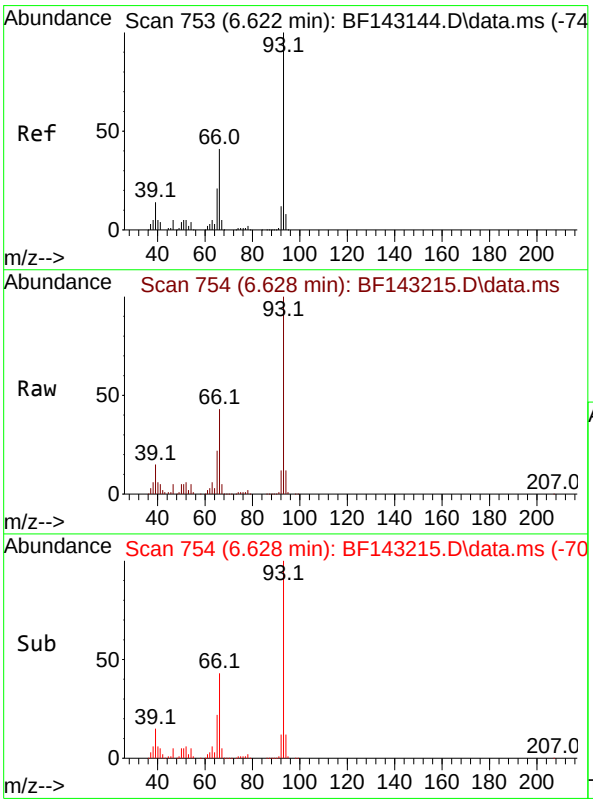
#5
2-Fluorophenol
Concen: 115.875 ng
RT: 5.610 min Scan# 5
Delta R.T. 0.024 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:112 Resp: 924824

Ion	Ratio	Lower	Upper
112	100		
64	64.3	53.1	79.7
63	32.7	26.6	40.0

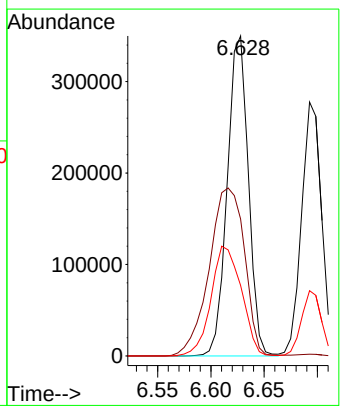


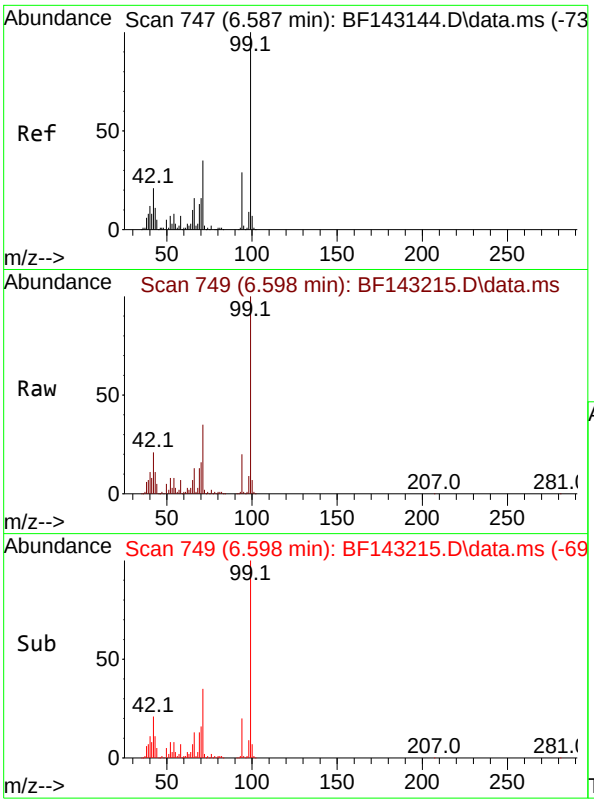


#6
Aniline
Concen: 34.494 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion: 93 Resp: 482943

Ion	Ratio	Lower	Upper
93	100		
66	42.8	33.2	49.8
65	22.1	16.9	25.3



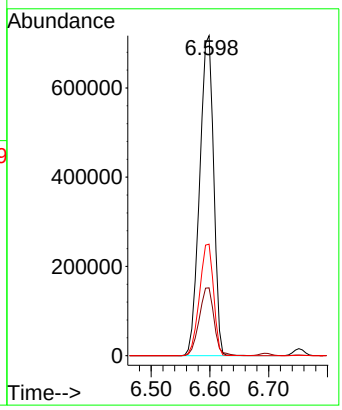


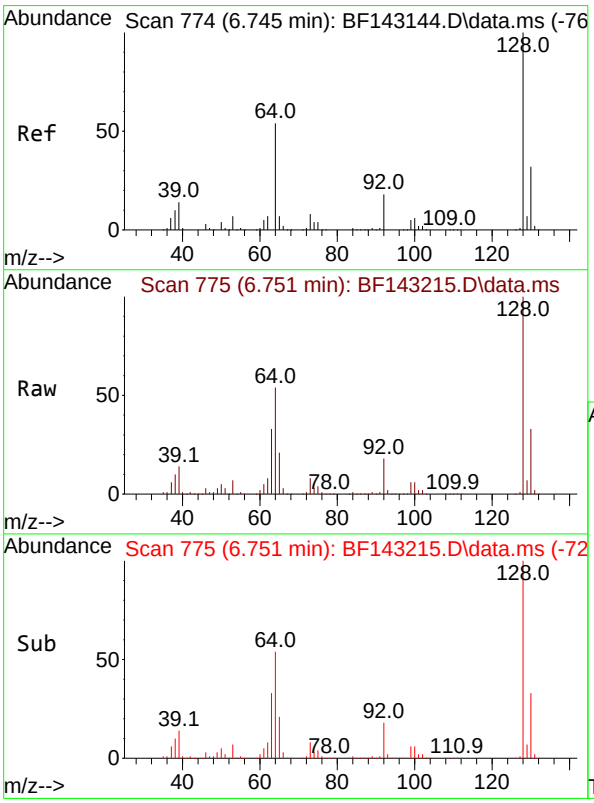
#7
Phenol-d6
Concen: 117.988 ng
RT: 6.598 min Scan# 7
Delta R.T. 0.012 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion: 99 Resp: 1185294

Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.0	25.6
71	34.8	27.7	41.5

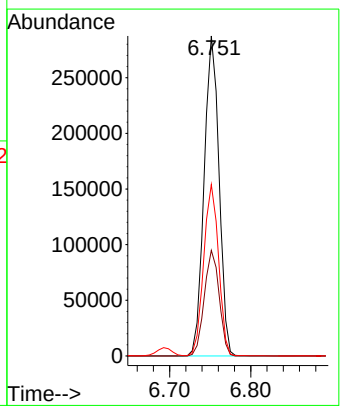


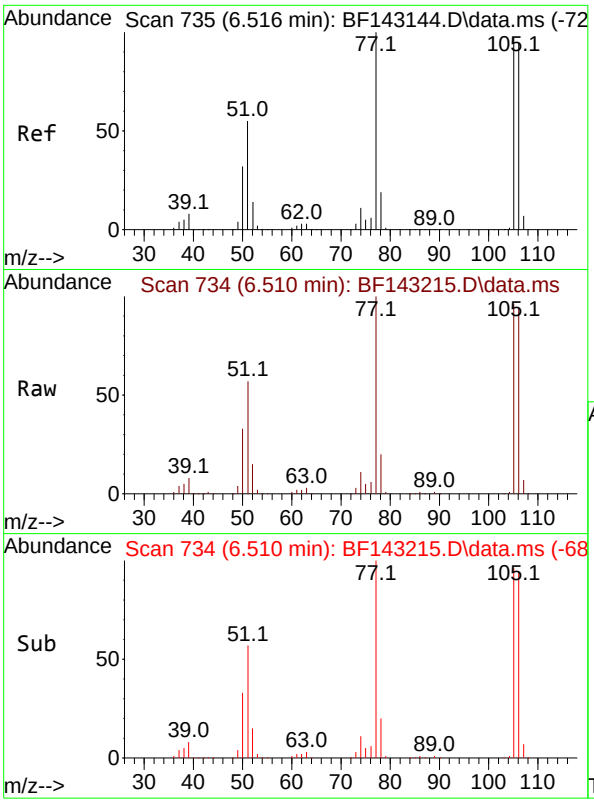


#8
2-Chlorophenol
Concen: 43.817 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:128 Resp: 366569

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.3	52.3
64	53.5	35.9	75.9



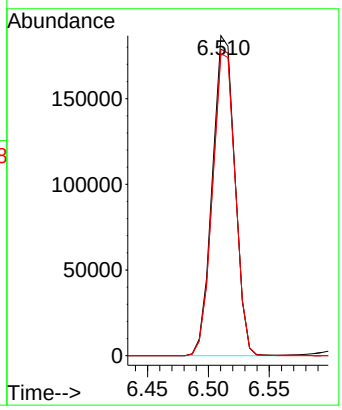


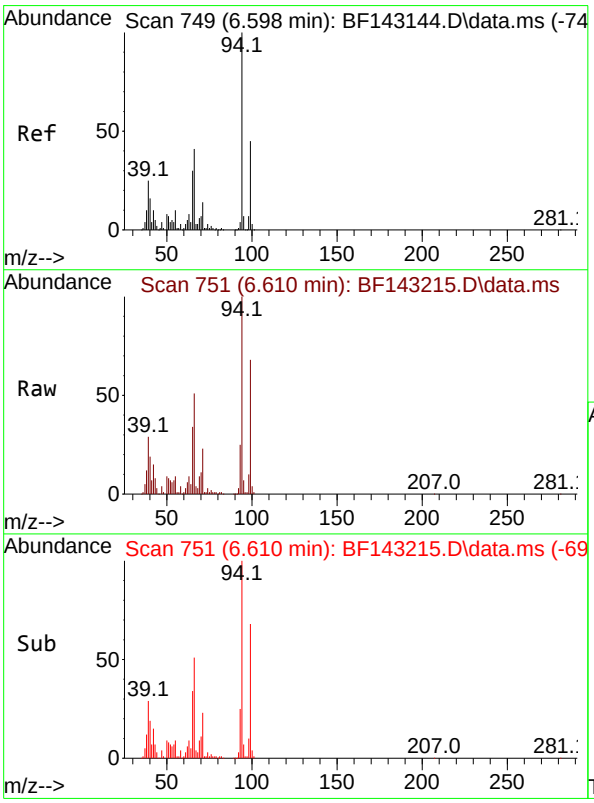
#9
Benzaldehyde
Concen: 31.949 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion: 77 Resp: 240667

Ion	Ratio	Lower	Upper
77	100		
105	95.8	76.8	116.8
106	94.3	74.4	114.4

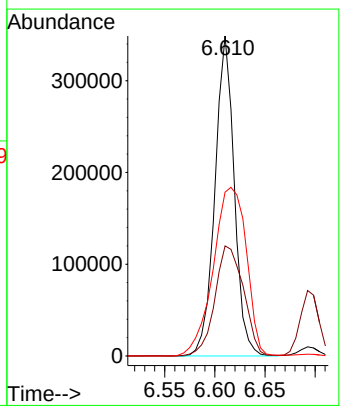


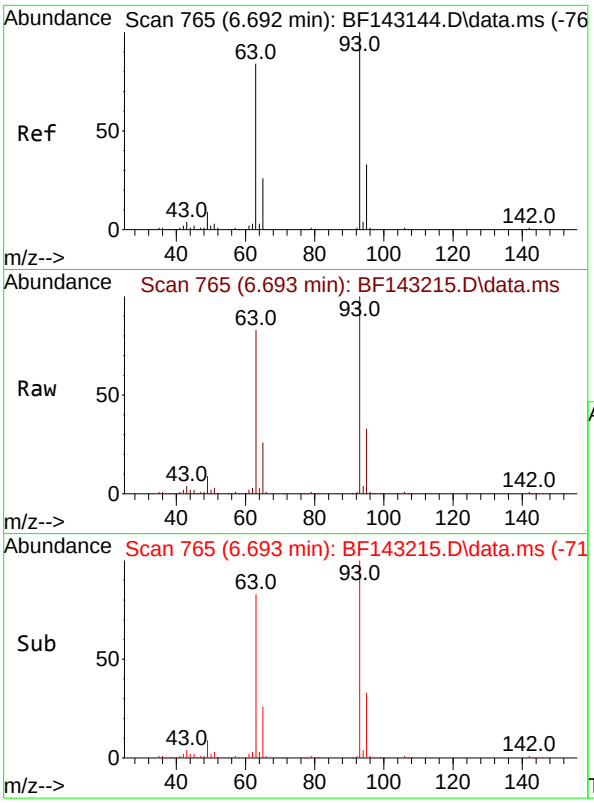


#10
Phenol
Concen: 42.738 ng
RT: 6.610 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion: 94 Resp: 467718

Ion	Ratio	Lower	Upper
94	100		
65	34.4	10.0	50.0
66	51.2	20.8	60.8



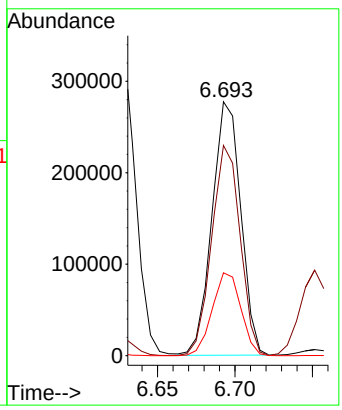


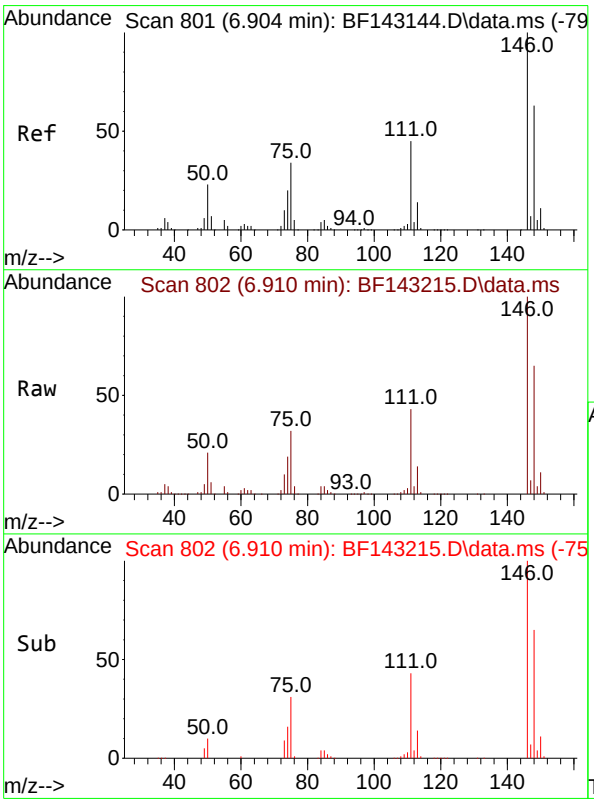
#11
bis(2-Chloroethyl)ether
Concen: 42.720 ng
RT: 6.693 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion: 93 Resp: 357965

Ion	Ratio	Lower	Upper
93	100		
63	82.8	63.4	103.4
95	32.7	12.4	52.4

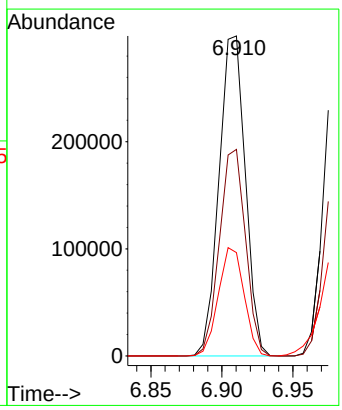


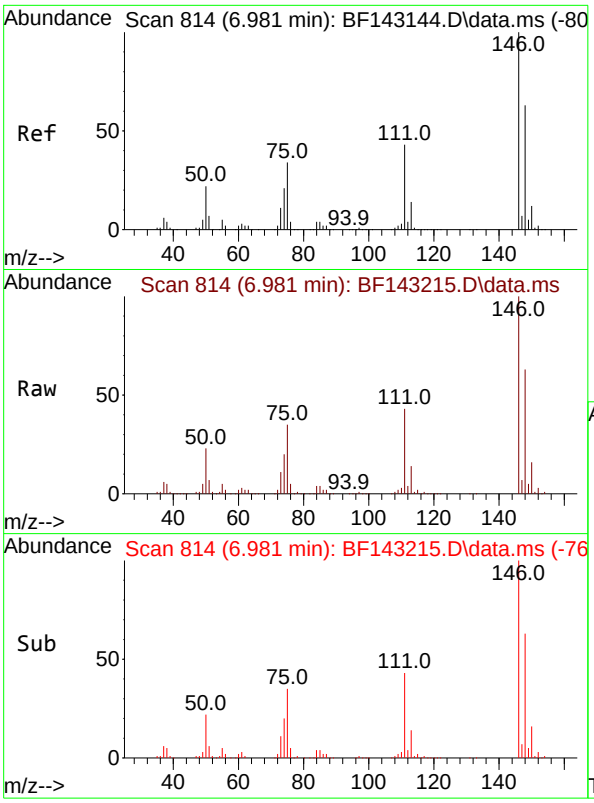


#12
1,3-Dichlorobenzene
Concen: 42.375 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:146 Resp: 385106

Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	76.0
75	32.3	27.4	41.2



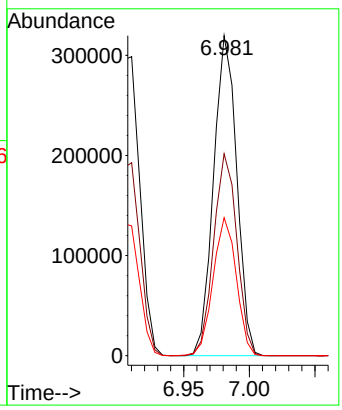


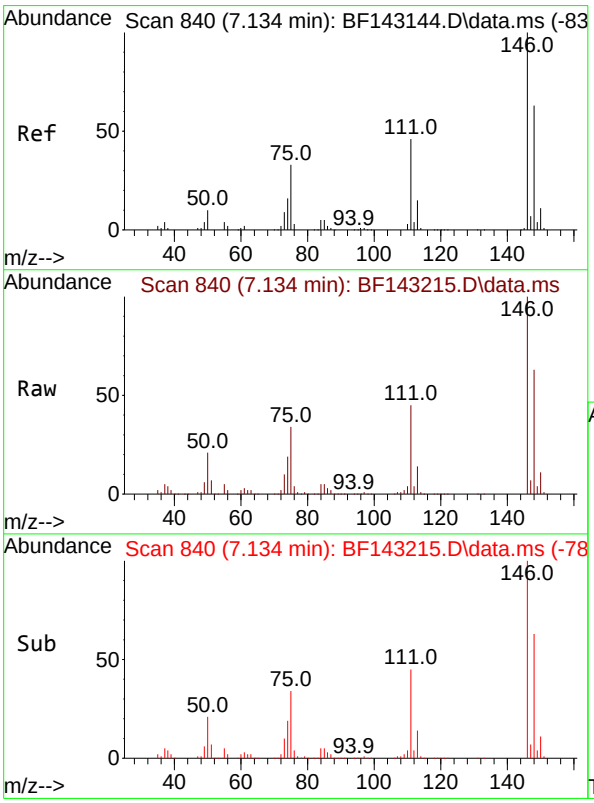
#13
1,4-Dichlorobenzene
Concen: 42.964 ng
RT: 6.981 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:146 Resp: 393214

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.3	75.5
111	43.1	34.4	51.6

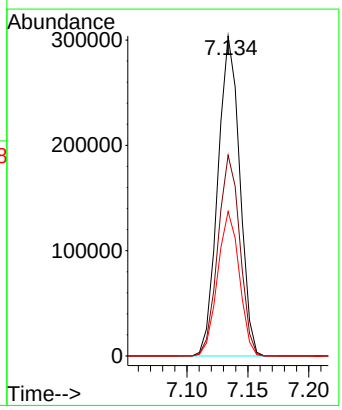


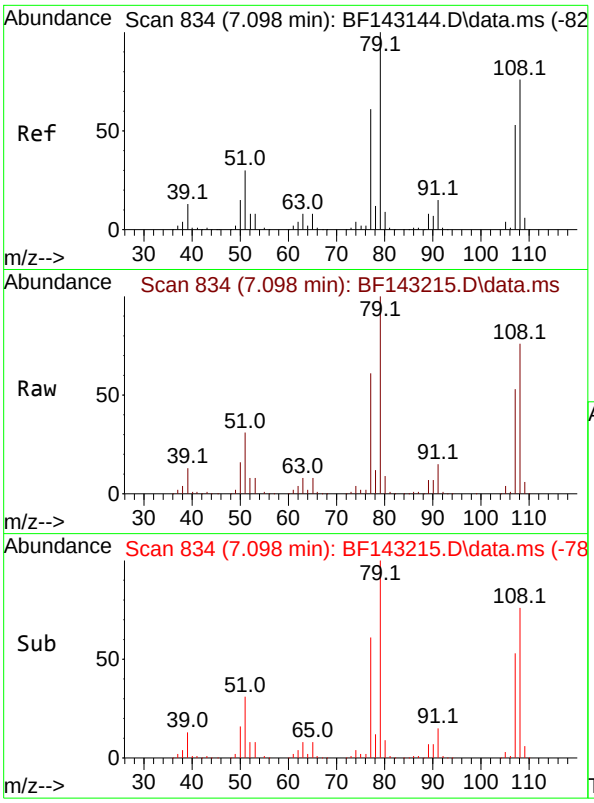


#14
1,2-Dichlorobenzene
Concen: 43.612 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:146 Resp: 379636

Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.7	76.1
111	45.2	36.6	54.8



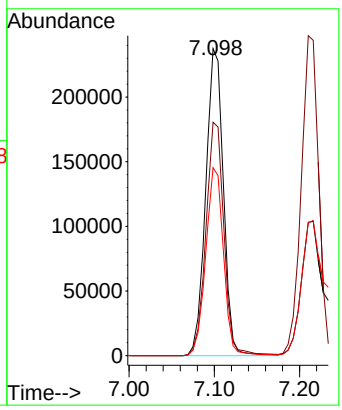


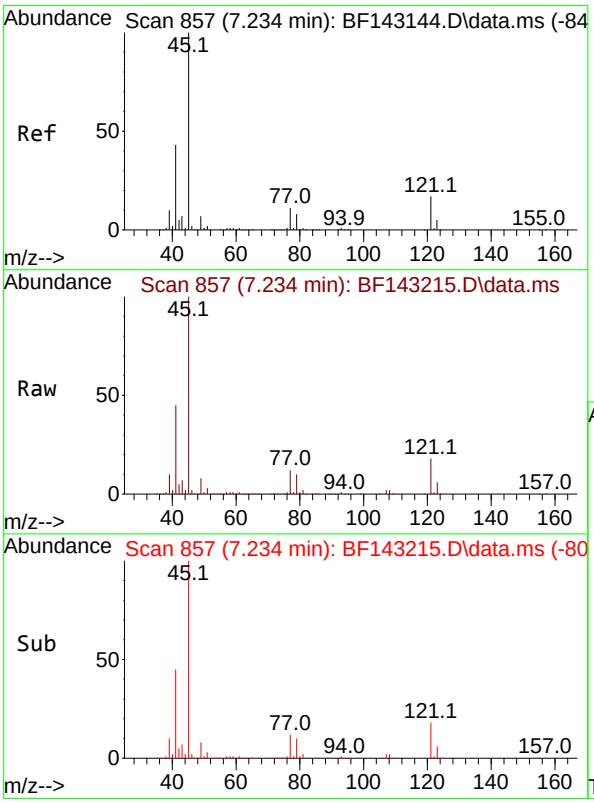
#15
Benzyl Alcohol
Concen: 44.652 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion: 79 Resp: 342507

Ion	Ratio	Lower	Upper
79	100		
108	76.1	61.1	91.7
77	61.2	48.9	73.3

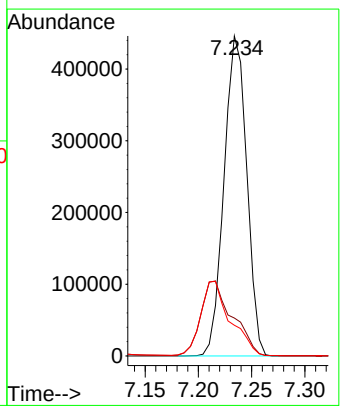


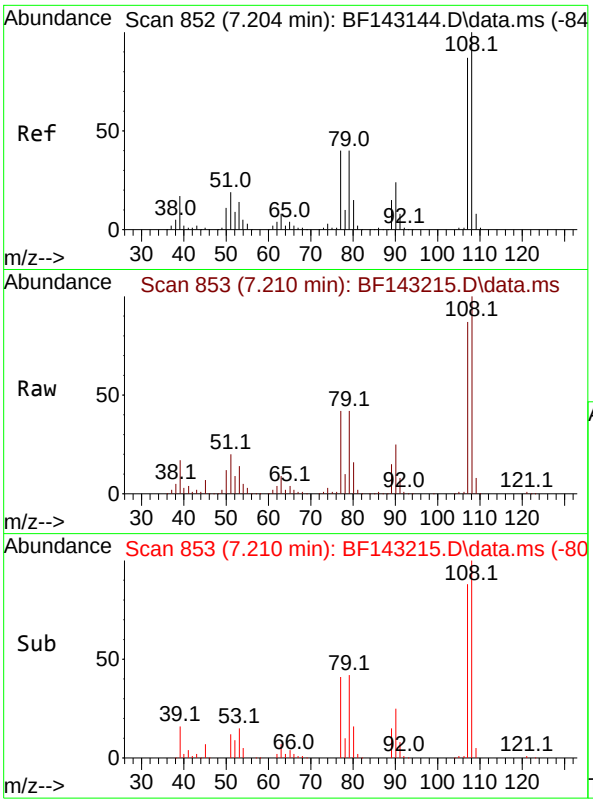


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.486 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion: 45 Resp: 660400

Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	31.2
79	9.6	0.0	28.5



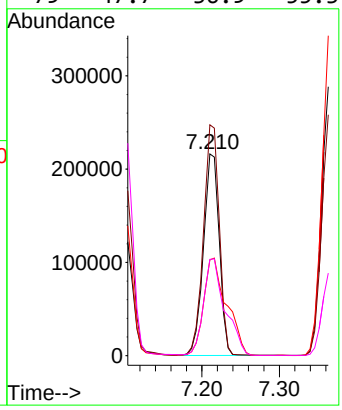


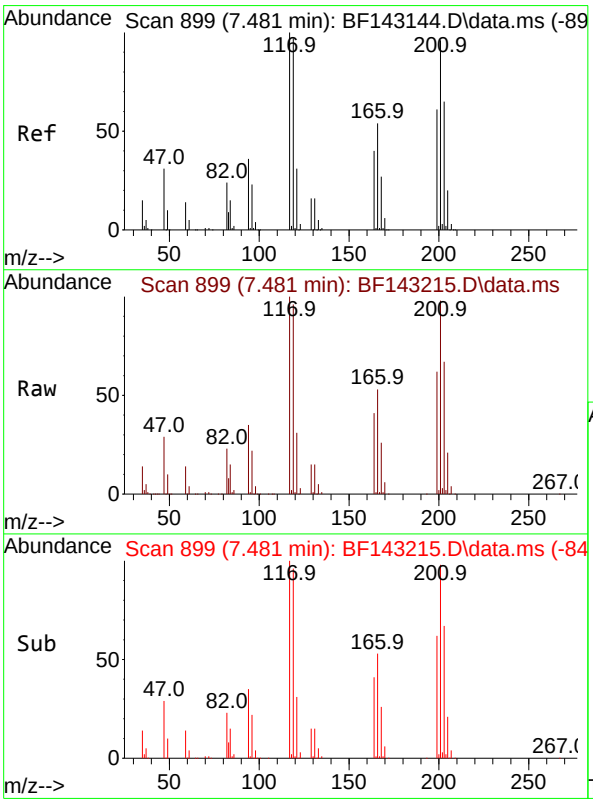
#17
2-Methylphenol
Concen: 43.594 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:107 Resp: 306654

Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.8	137.6
77	47.5	37.0	55.6
79	47.7	36.9	55.3

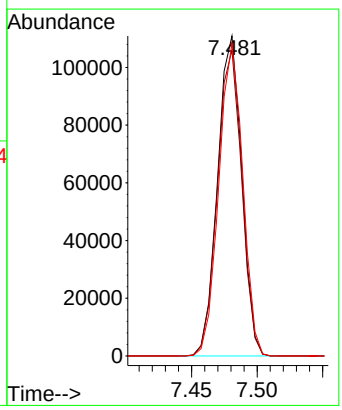


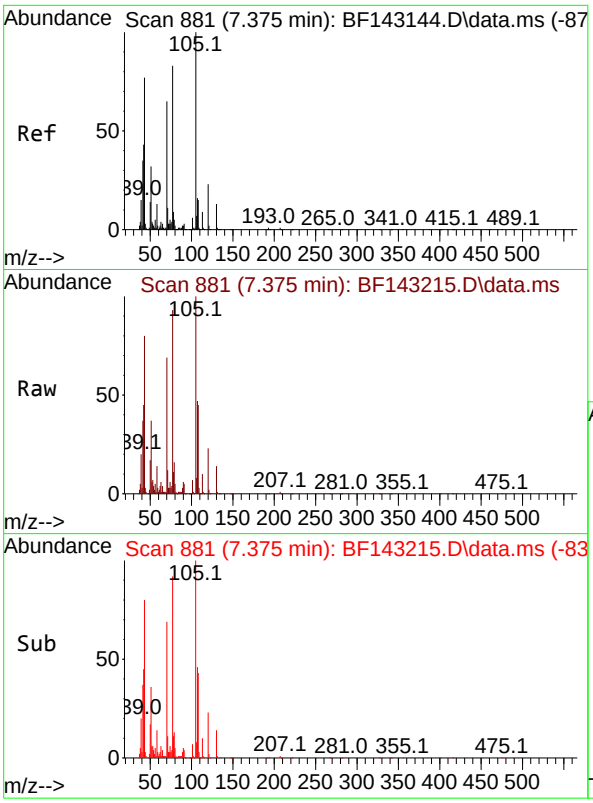


#18
Hexachloroethane
Concen: 44.875 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:117 Resp: 142182

Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.8	116.8
201	97.7	77.0	115.4



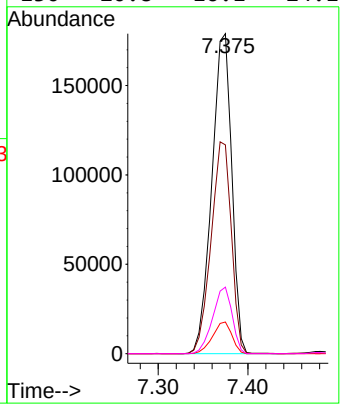


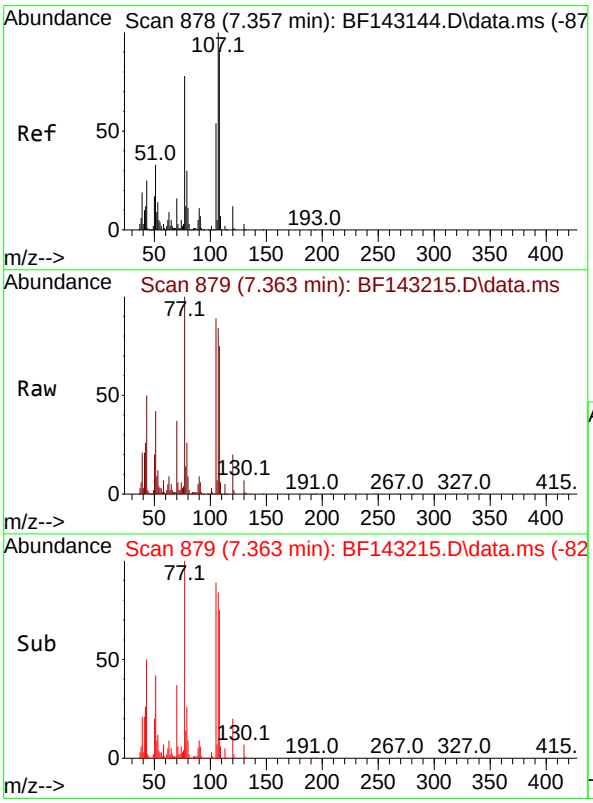
#19
n-Nitroso-di-n-propylamine
Concen: 42.708 ng
RT: 7.375 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion: 70 Resp: 275254

Ion	Ratio	Lower	Upper
70	100		
42	65.3	52.5	78.7
101	9.9	7.6	11.4
130	20.8	16.1	24.1

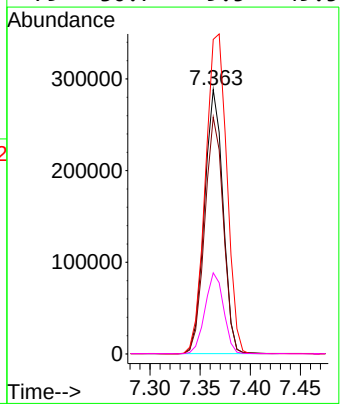


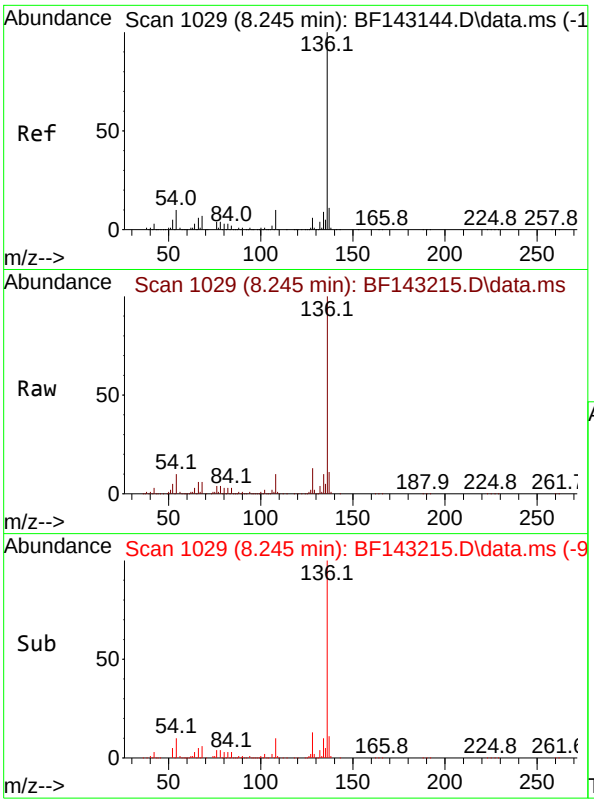


#20
3+4-Methylphenols
Concen: 43.598 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:107 Resp: 372081

Ion	Ratio	Lower	Upper
107	100		
108	89.6	70.0	110.0
77	119.0	57.8	97.8#
79	30.7	9.5	49.5



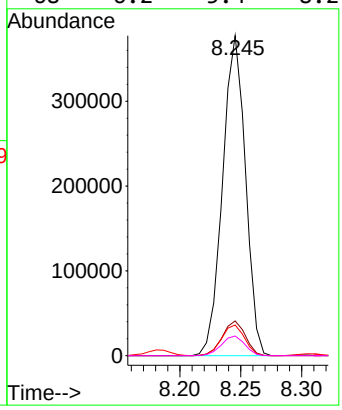


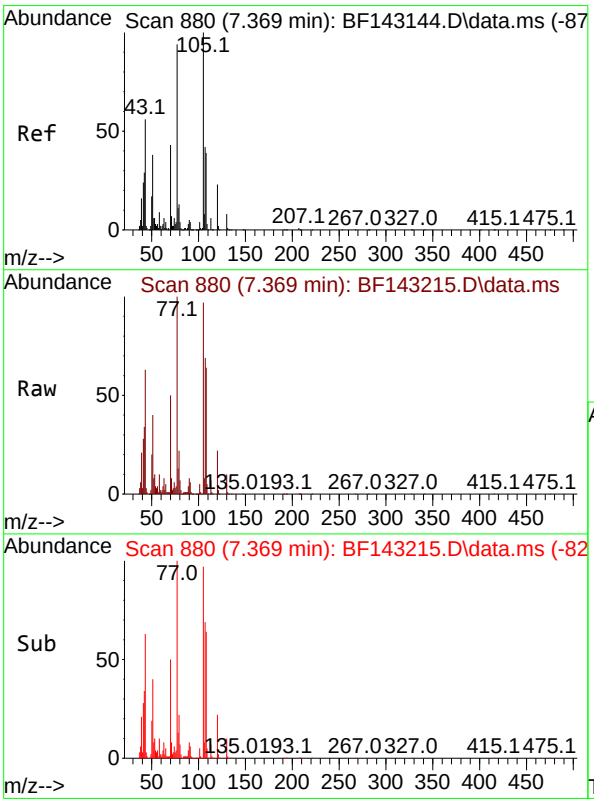
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:136 Resp: 493438

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.6	8.2	12.2
68	6.2	5.4	8.2

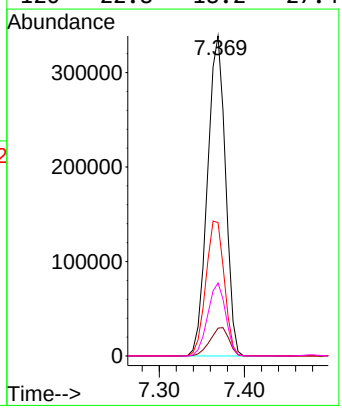


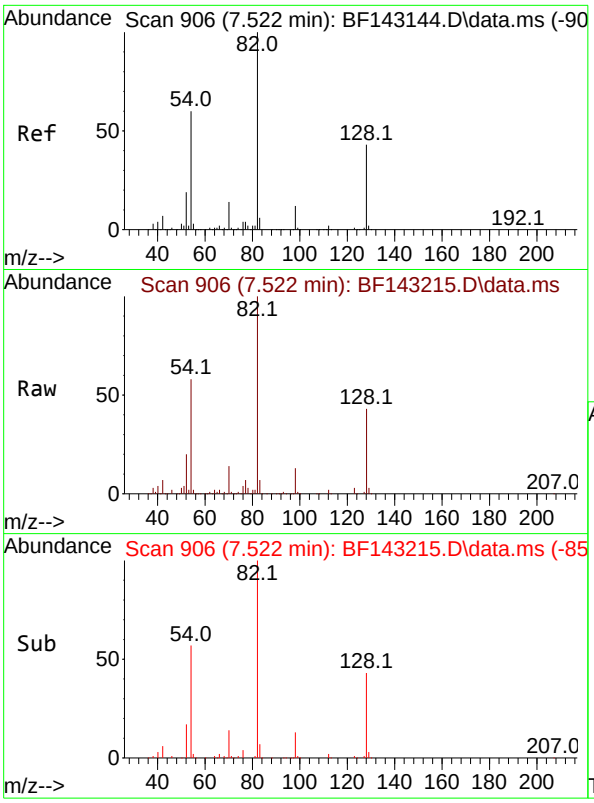


#22
Acetophenone
Concen: 42.515 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:105 Resp: 496665

Ion	Ratio	Lower	Upper
105	100		
71	8.7	5.8	8.6#
51	41.7	30.2	45.2
120	22.8	18.2	27.4



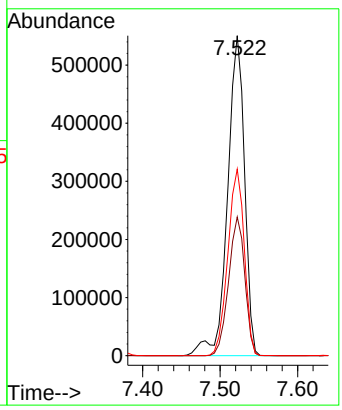


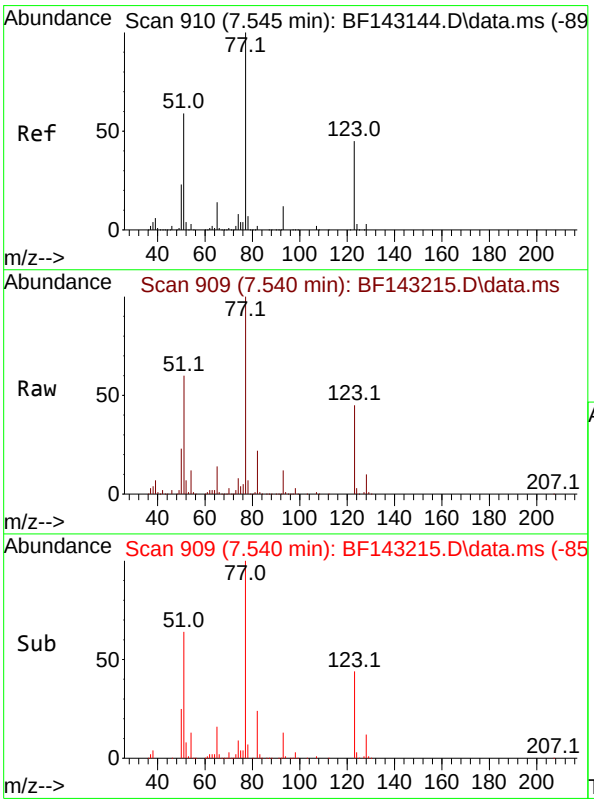
#23
Nitrobenzene-d5
Concen: 85.036 ng
RT: 7.522 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion: 82 Resp: 841774

Ion	Ratio	Lower	Upper
82	100		
128	43.4	33.6	50.4
54	58.3	47.1	70.7

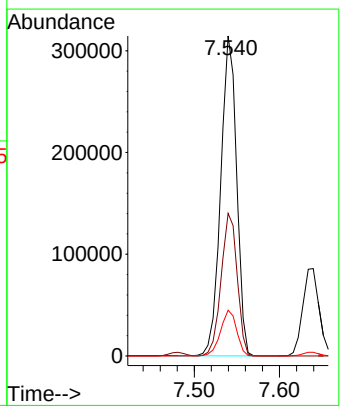


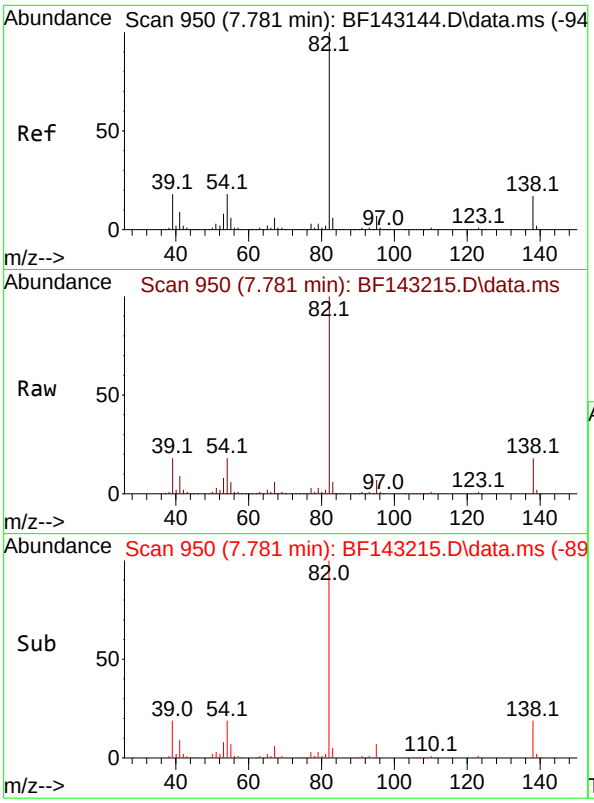


#24
Nitrobenzene
Concen: 44.250 ng
RT: 7.540 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion: 77 Resp: 408379

Ion	Ratio	Lower	Upper
77	100		
123	44.6	36.1	54.1
65	14.3	11.4	17.2



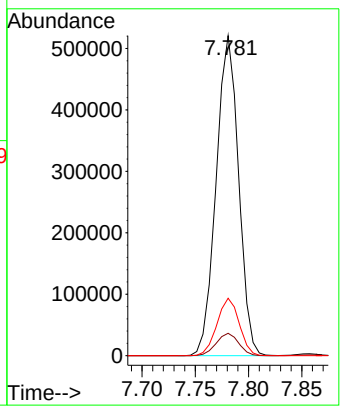


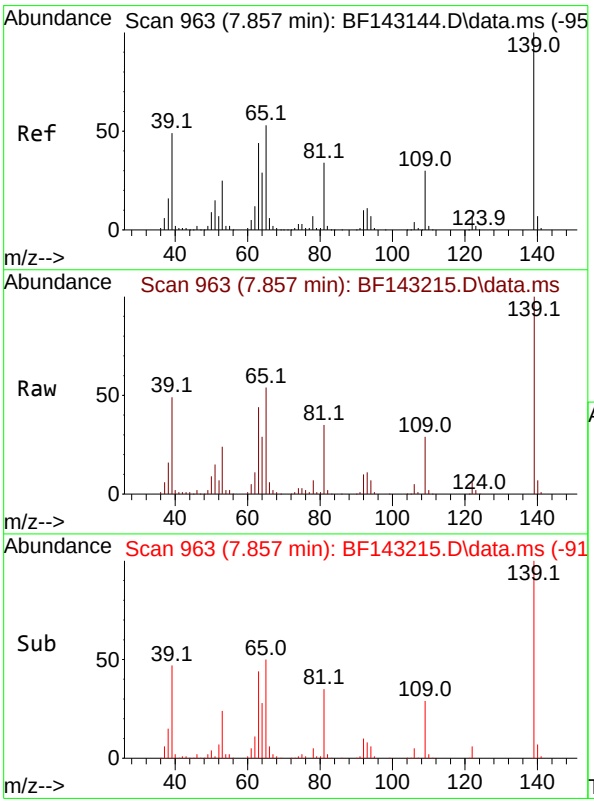
#25
Isophorone
Concen: 43.641 ng
RT: 7.781 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion: 82 Resp: 762625

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.5	8.3
138	17.9	13.8	20.8

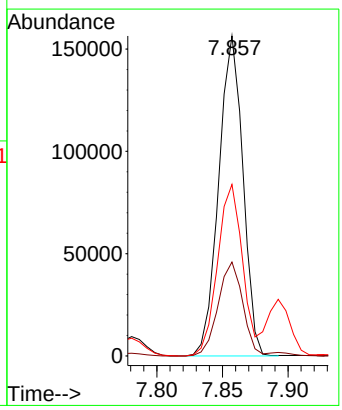


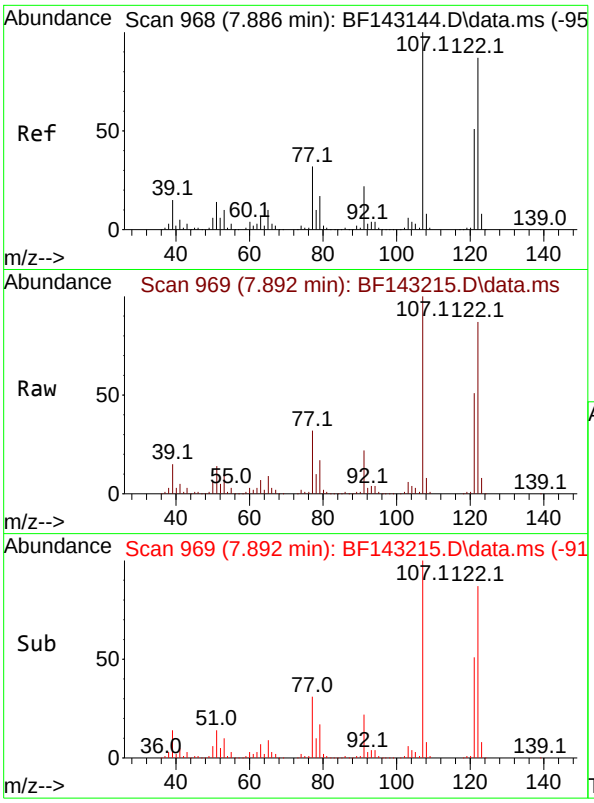


#26
2-Nitrophenol
Concen: 50.147 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:139 Resp: 200859

Ion	Ratio	Lower	Upper
139	100		
109	29.4	23.6	35.4
65	53.6	42.6	64.0



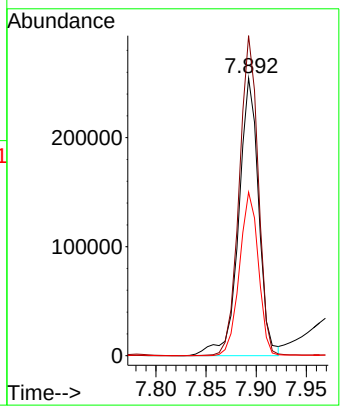


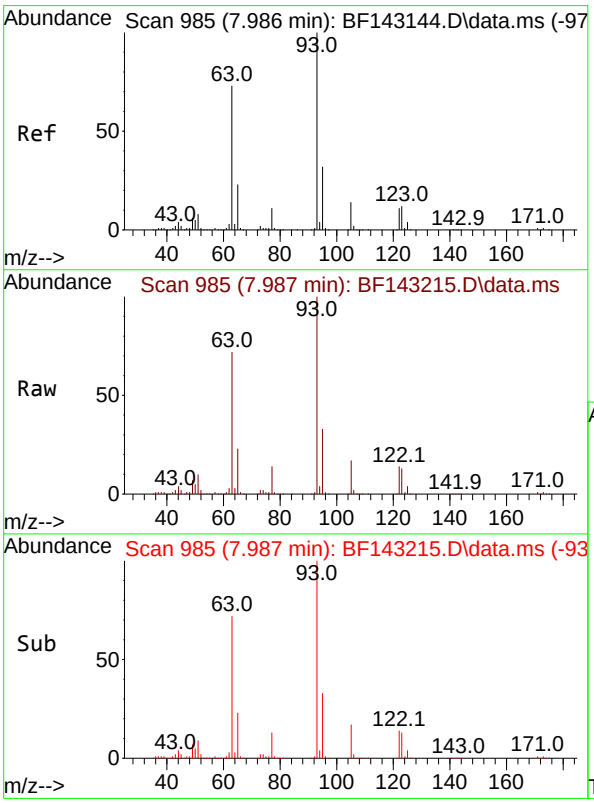
#27
2,4-Dimethylphenol
Concen: 43.311 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:122 Resp: 353610

Ion	Ratio	Lower	Upper
122	100		
107	115.3	91.8	137.6
121	58.9	46.3	69.5

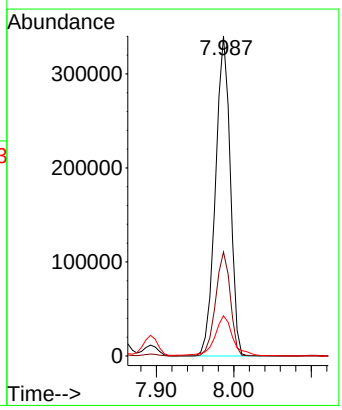


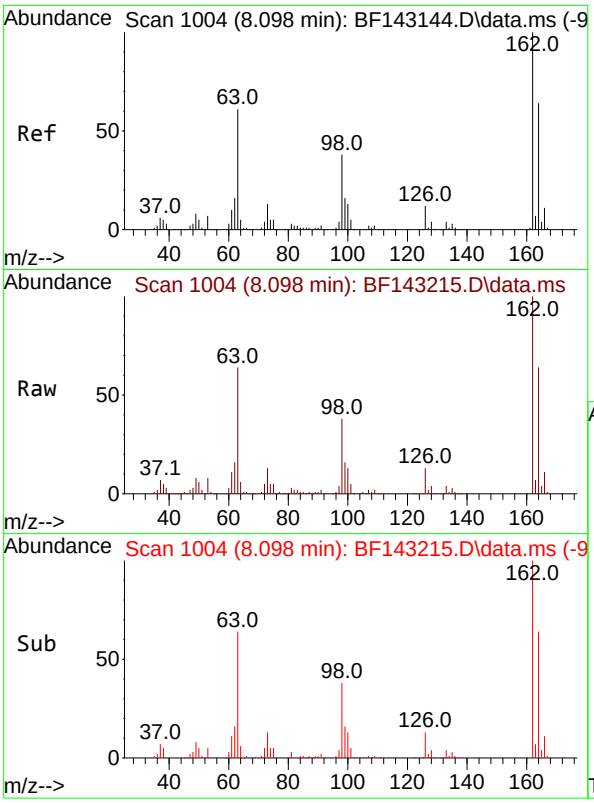


#28
bis(2-Chloroethoxy)methane
Concen: 43.089 ng
RT: 7.987 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion: 93 Resp: 451468

Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.8	38.6
123	12.6	9.7	14.5



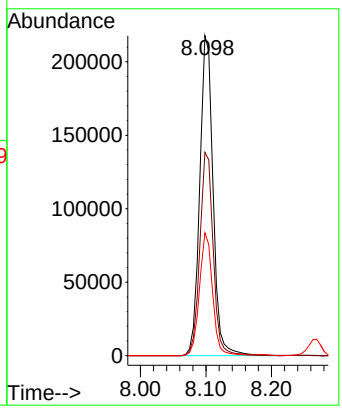


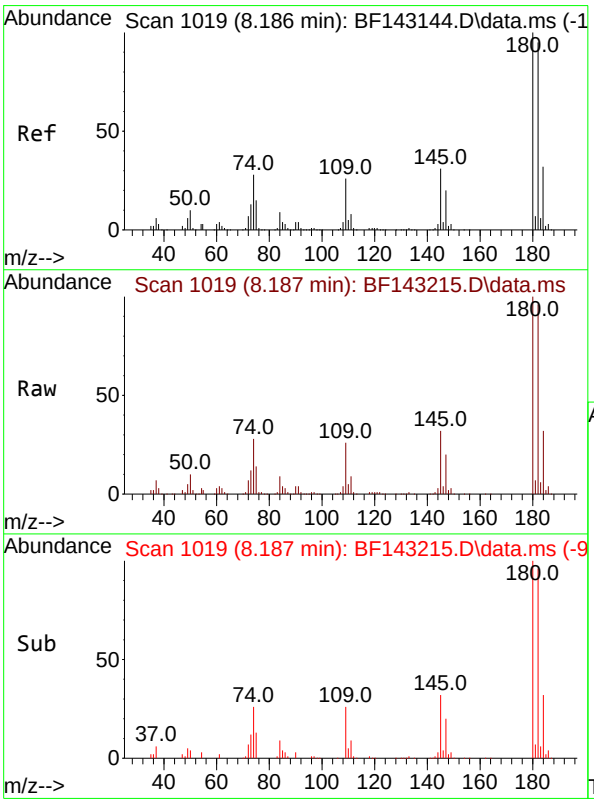
#29
2,4-Dichlorophenol
Concen: 44.840 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:162 Resp: 308736

Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.2	84.2
98	38.4	17.9	57.9

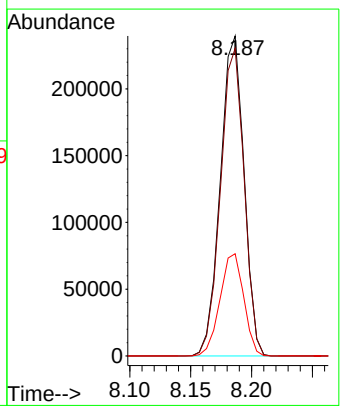


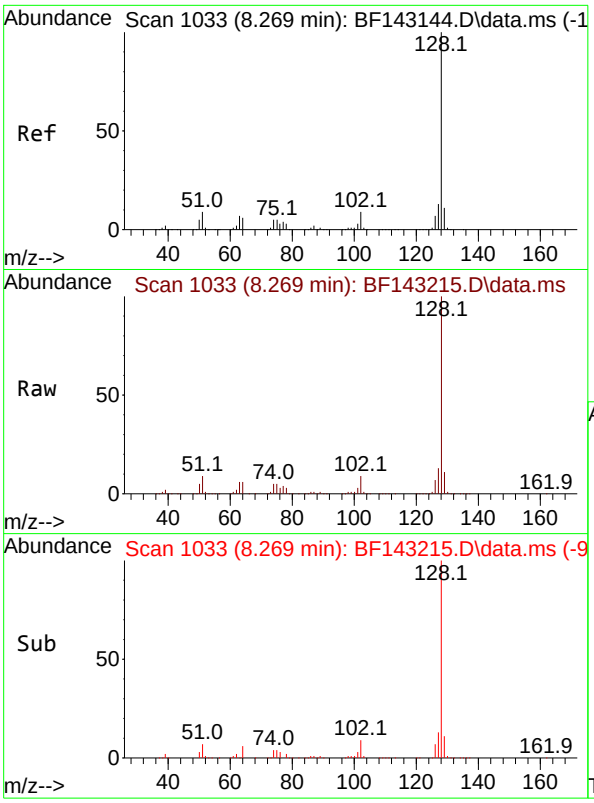


#30
1,2,4-Trichlorobenzene
Concen: 43.599 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:180 Resp: 324312

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.2	114.2
145	32.0	25.0	37.6



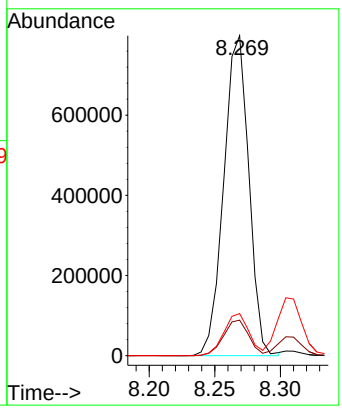


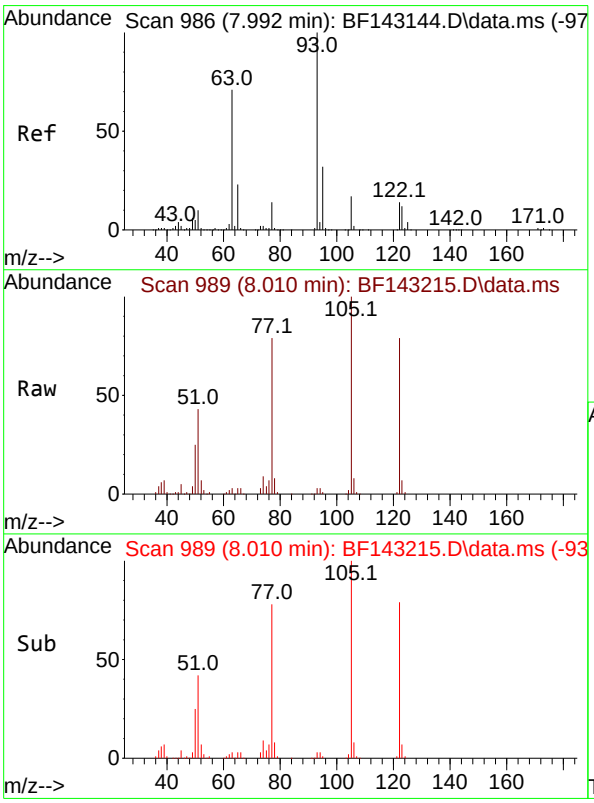
#31
Naphthalene
Concen: 43.656 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:128 Resp: 1060886

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.2	10.6	16.0

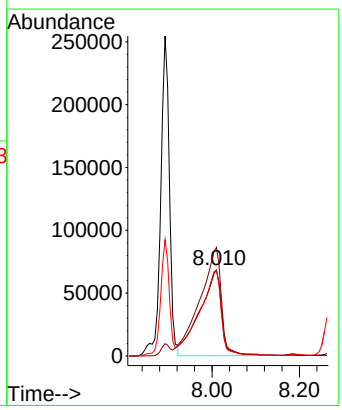


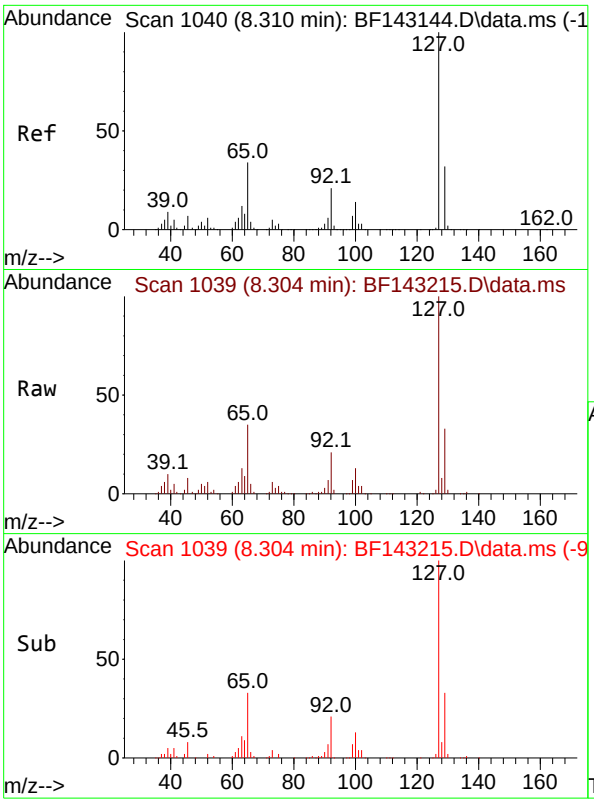


#32
Benzoic acid
Concen: 51.044 ng
RT: 8.010 min Scan# 989
Delta R.T. 0.018 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:122 Resp: 236447

Ion	Ratio	Lower	Upper
122	100		
105	126.3	104.8	144.8
77	99.8	77.6	117.6



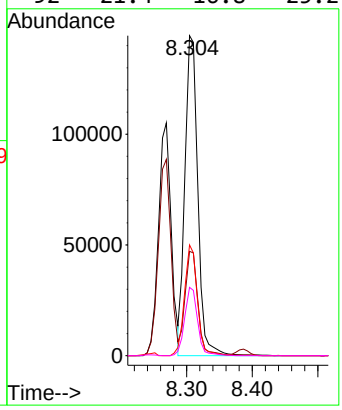


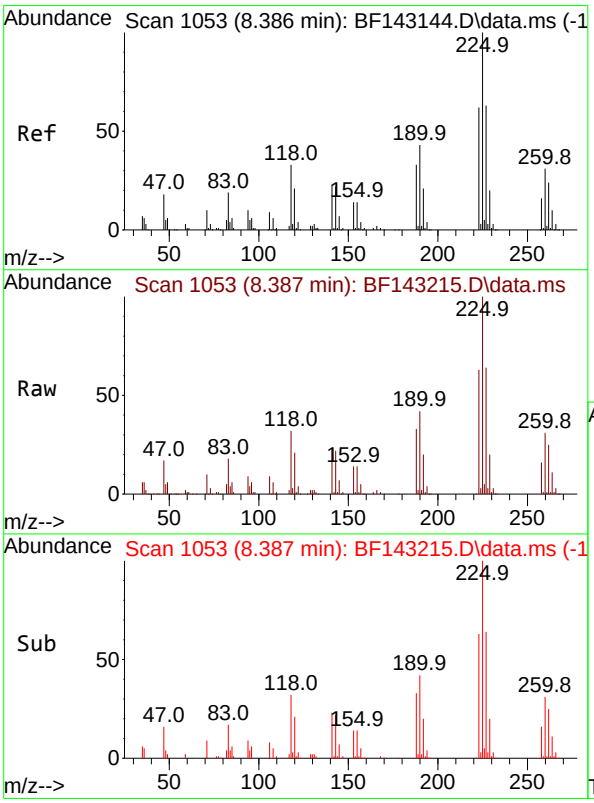
#33
4-Chloroaniline
Concen: 19.881 ng
RT: 8.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:127 Resp: 197278

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	34.6	27.4	41.2
92	21.4	16.8	25.2

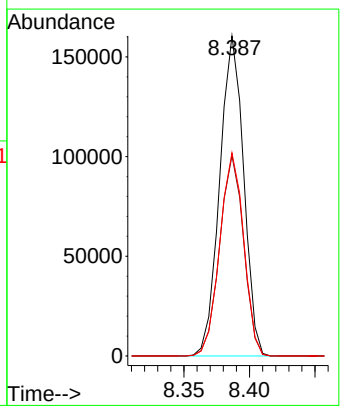


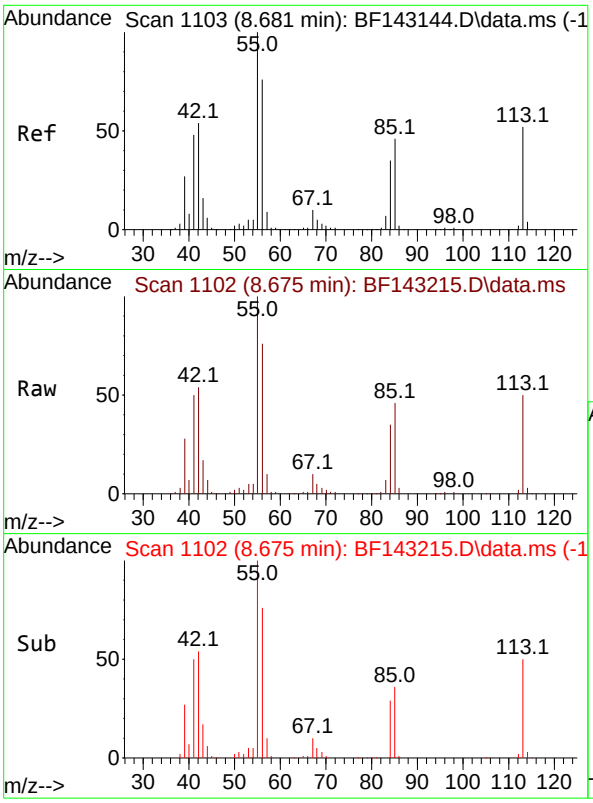


#34
Hexachlorobutadiene
Concen: 44.751 ng
RT: 8.387 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:225 Resp: 203349

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.6
227	63.5	50.2	75.4



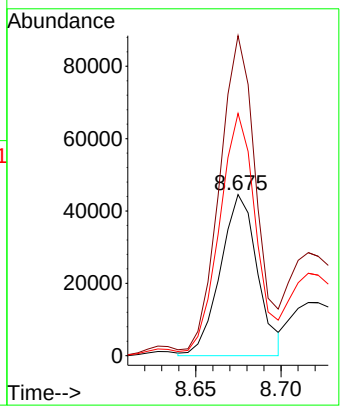


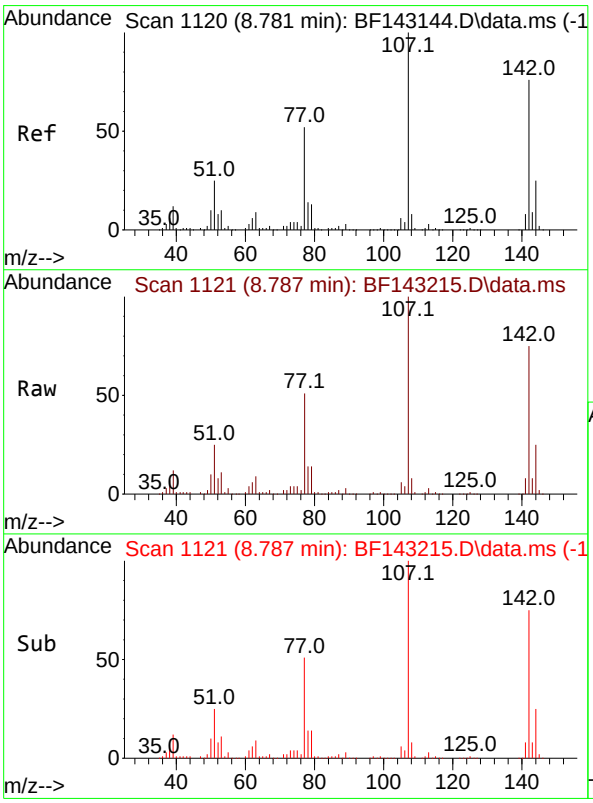
#35
Caprolactam
Concen: 32.400 ng
RT: 8.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:113 Resp: 67413

Ion	Ratio	Lower	Upper
113	100		
55	198.6	174.0	214.0
56	150.4	126.6	166.6

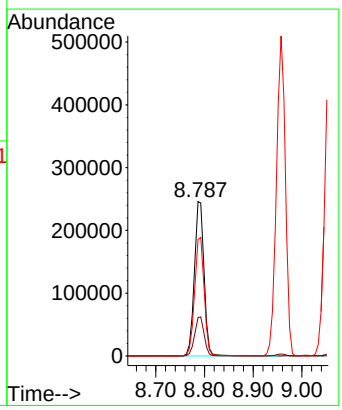


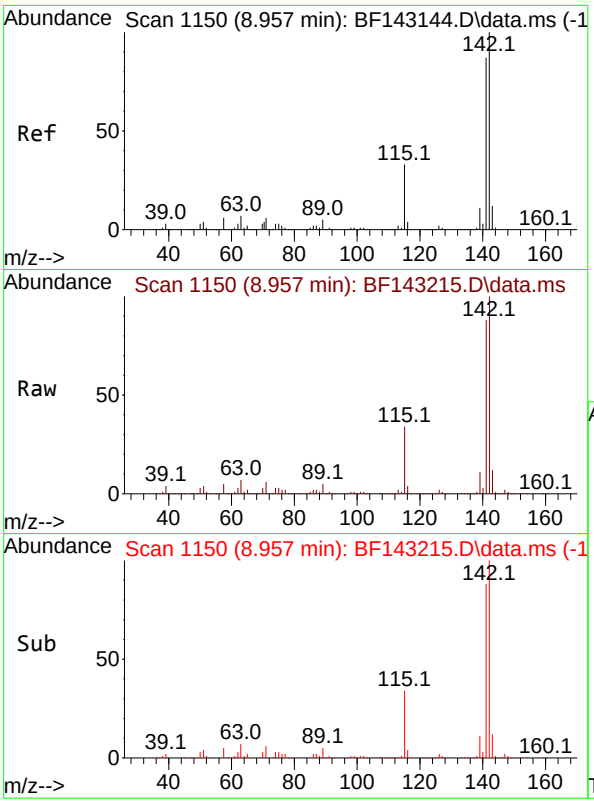


#36
4-Chloro-3-methylphenol
Concen: 45.725 ng
RT: 8.787 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:107 Resp: 342197

Ion	Ratio	Lower	Upper
107	100		
144	24.9	19.8	29.6
142	75.5	60.6	90.8



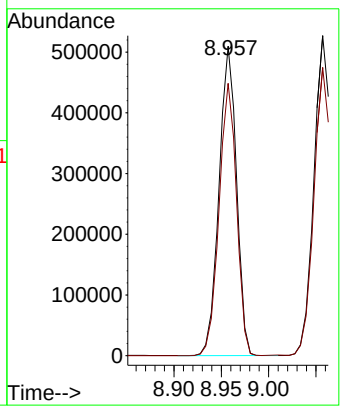


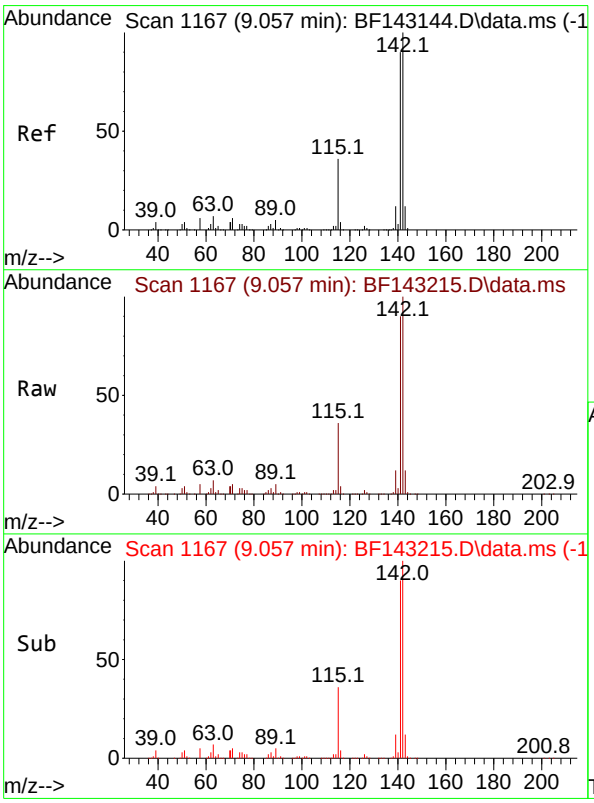
#37
2-Methylnaphthalene
Concen: 44.311 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:142 Resp: 655261

Ion	Ratio	Lower	Upper
142	100		
141	88.0	69.9	104.9

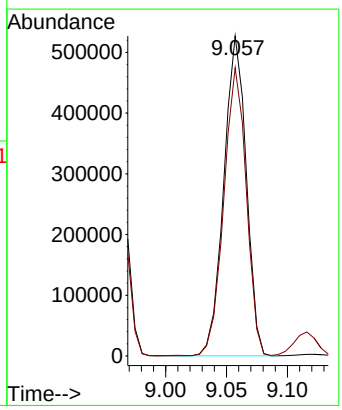


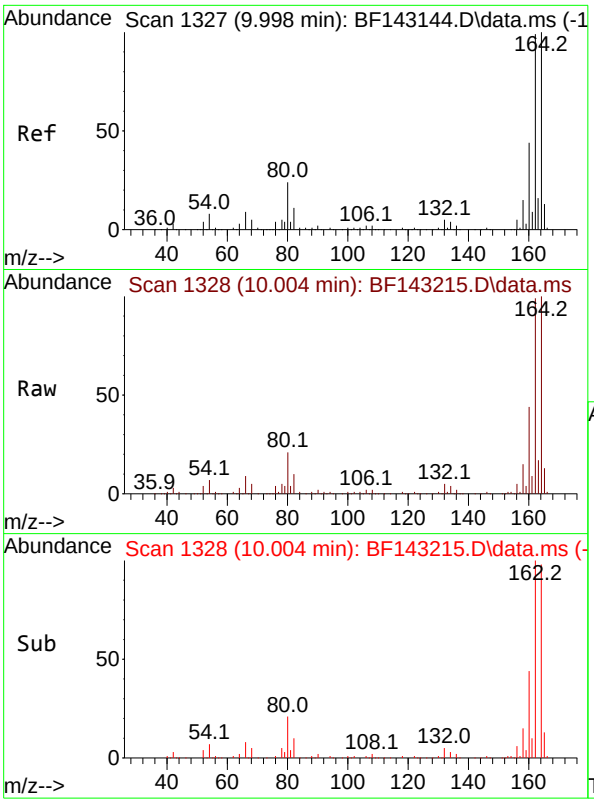


#38
1-Methylnaphthalene
Concen: 44.373 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:142 Resp: 675688

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.3	108.5



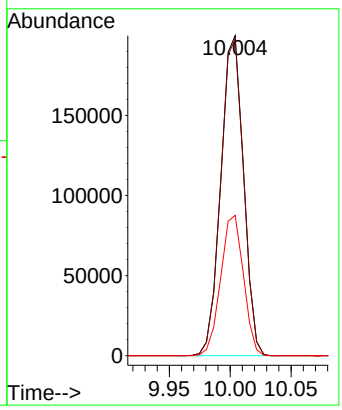


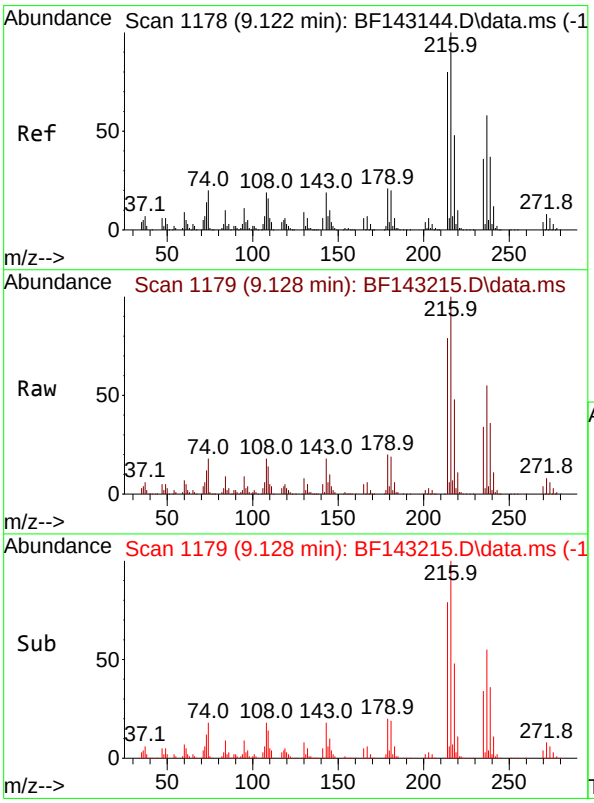
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:164 Resp: 259875

Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.0	118.6
160	43.8	35.1	52.7

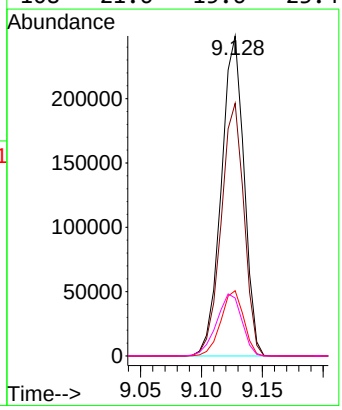


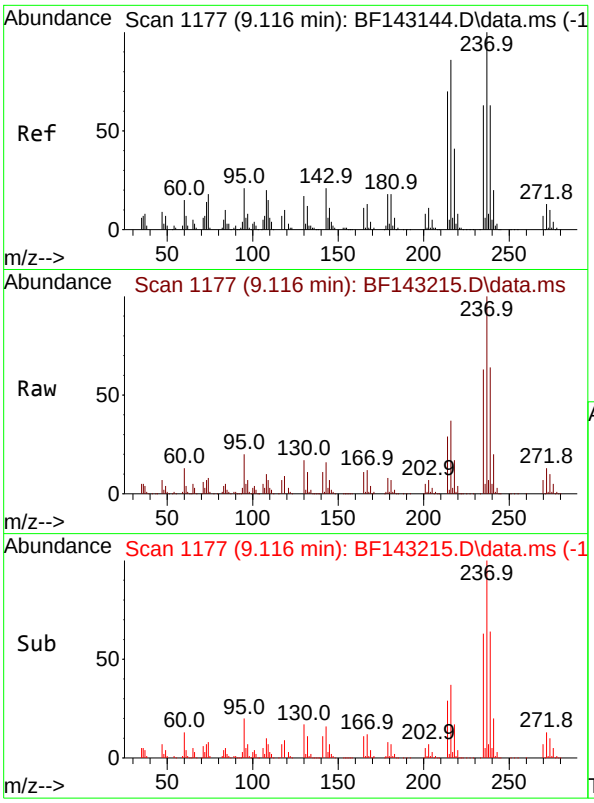


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.047 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:216 Resp: 322973

Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.8	95.8
179	20.5	16.4	24.6
108	21.6	15.6	23.4



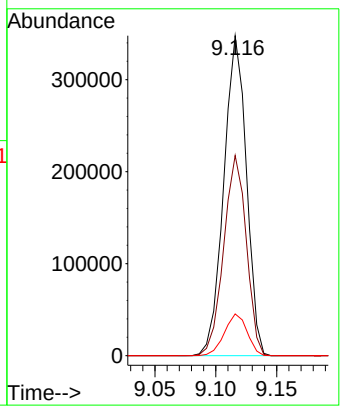


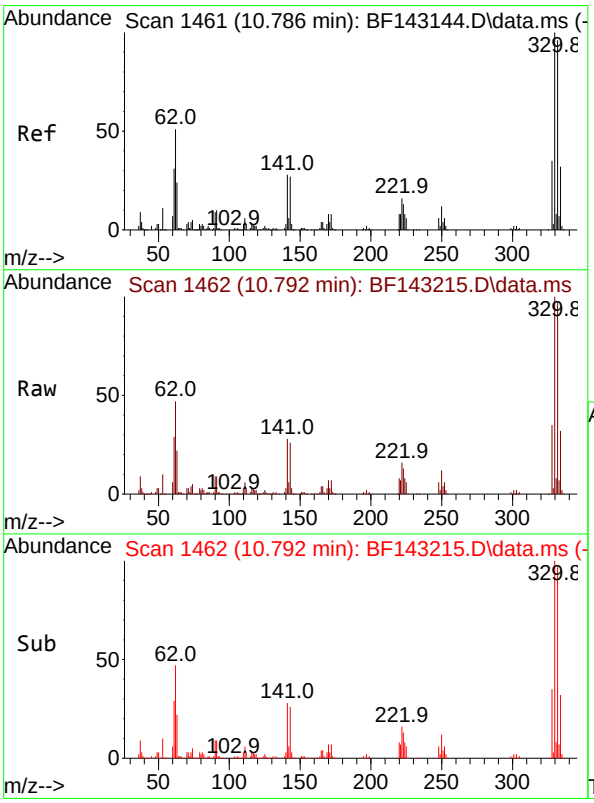
#41
Hexachlorocyclopentadiene
Concen: 92.196 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:237 Resp: 450093

Ion	Ratio	Lower	Upper
237	100		
235	62.5	43.0	83.0
272	13.1	0.0	33.3

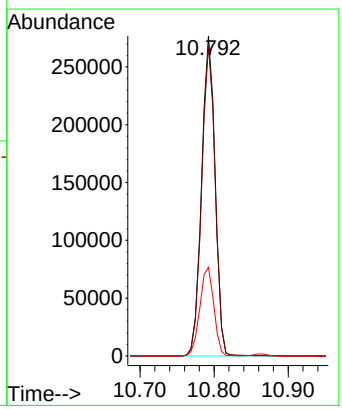


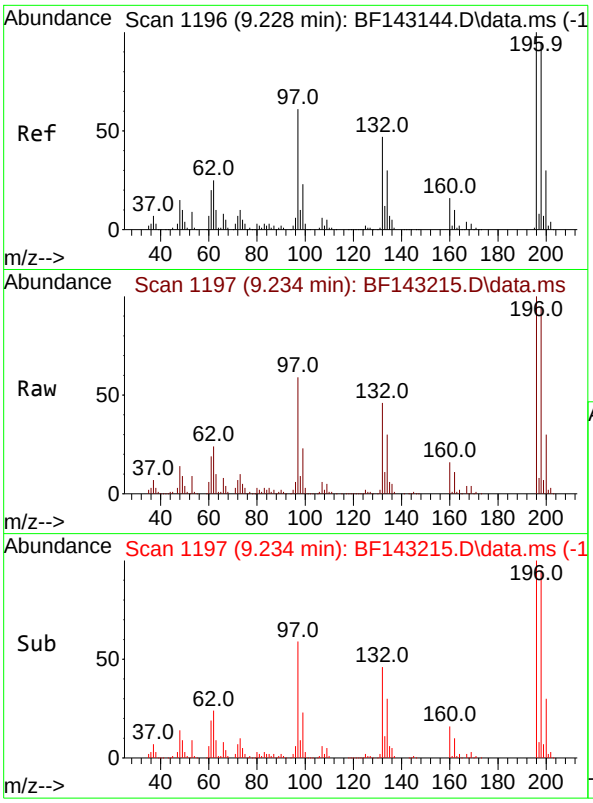


#42
2,4,6-Tribromophenol
Concen: 130.917 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:330 Resp: 351467

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.7	115.1
141	28.7	23.3	34.9



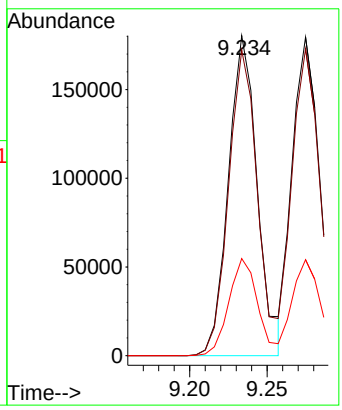


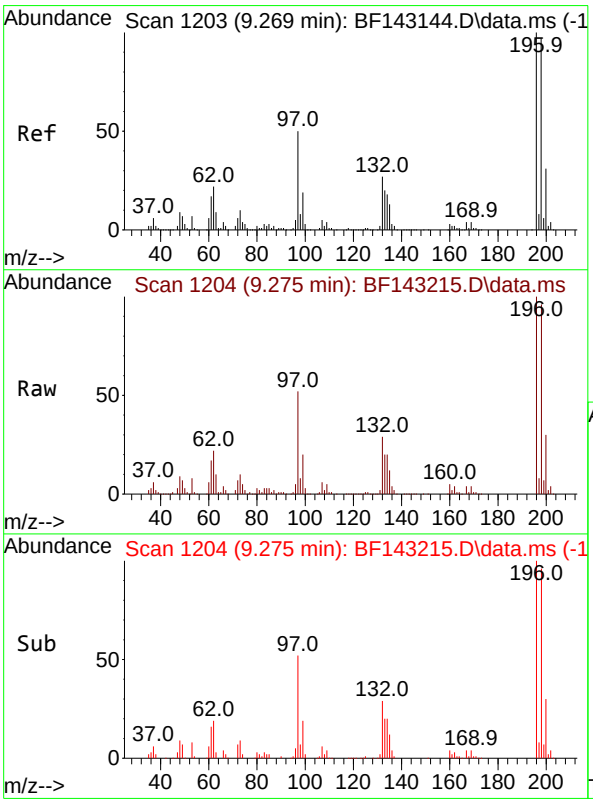
#43
2,4,6-Trichlorophenol
Concen: 45.033 ng
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:196 Resp: 233839

Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.2	114.2
200	30.4	23.9	35.9

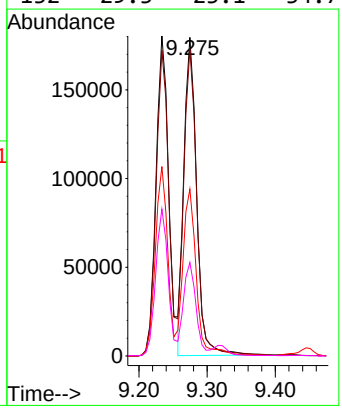


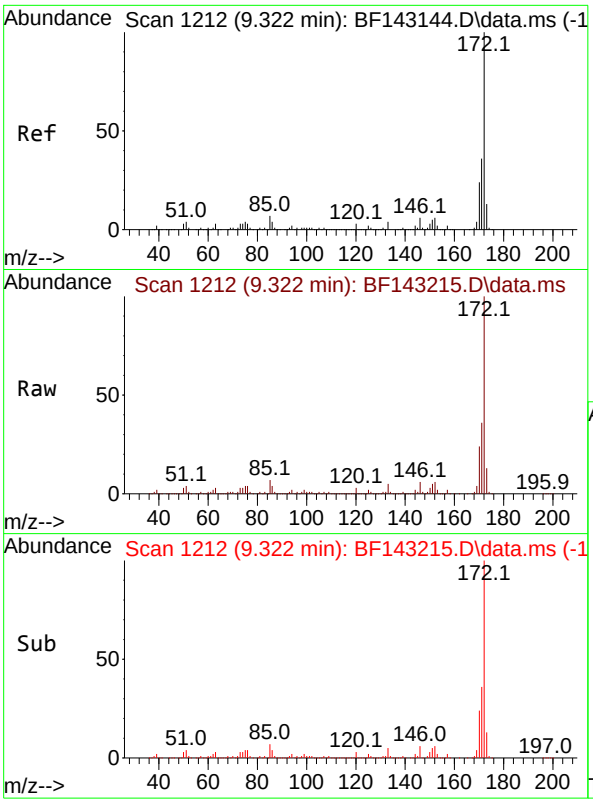


#44
2,4,5-Trichlorophenol
Concen: 44.750 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:196 Resp: 232441

Ion	Ratio	Lower	Upper
196	100		
198	96.4	77.3	115.9
97	52.4	40.3	60.5
132	29.3	23.1	34.7



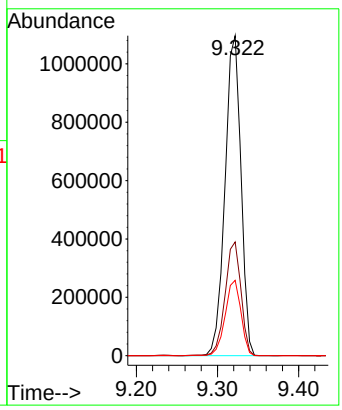


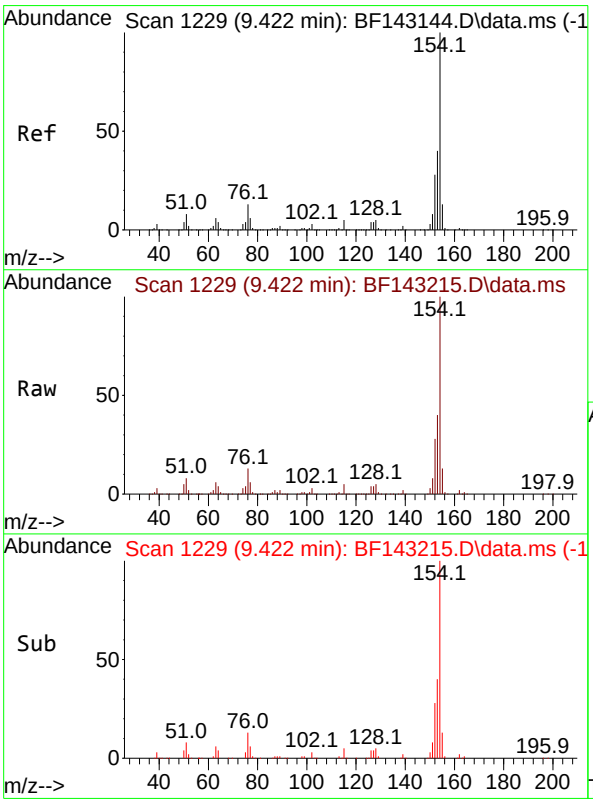
#45
2-Fluorobiphenyl
Concen: 78.743 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:172 Resp: 1496266

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	23.6	18.8	28.2

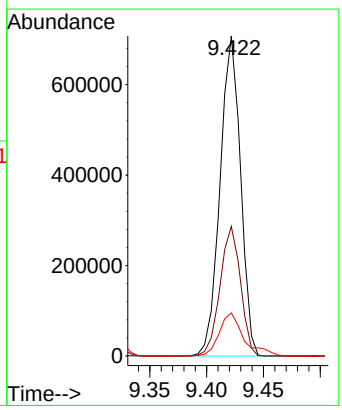


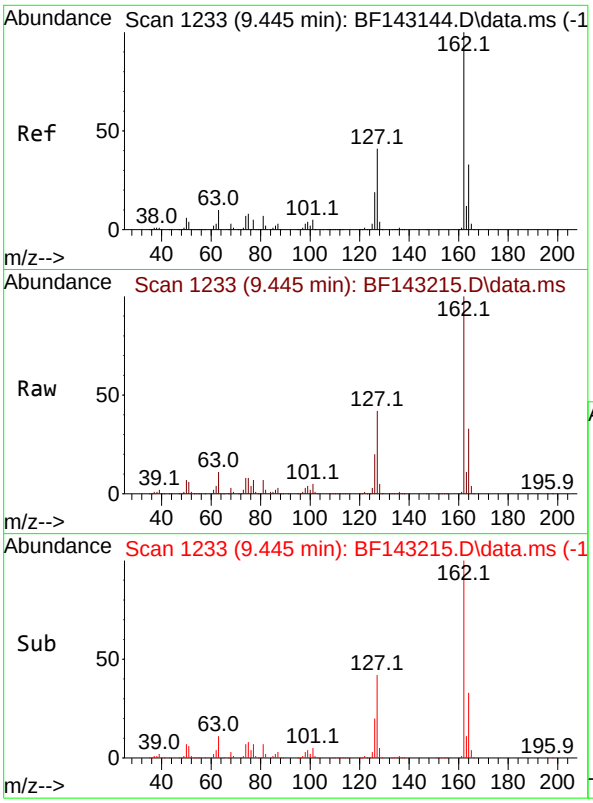


#46
1,1'-Biphenyl
Concen: 43.775 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:154 Resp: 887556

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	13.4	0.0	33.3



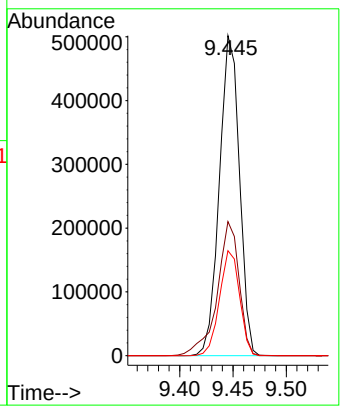


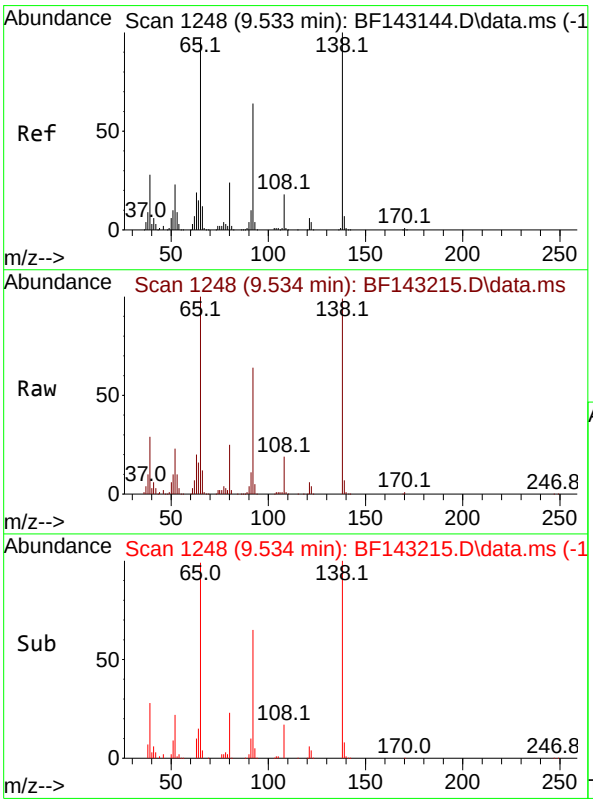
#47
2-Chloronaphthalene
Concen: 43.736 ng
RT: 9.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:162 Resp: 656145

Ion	Ratio	Lower	Upper
162	100		
127	41.9	33.4	50.2
164	32.8	26.2	39.2

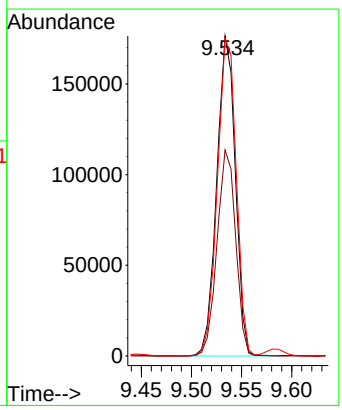


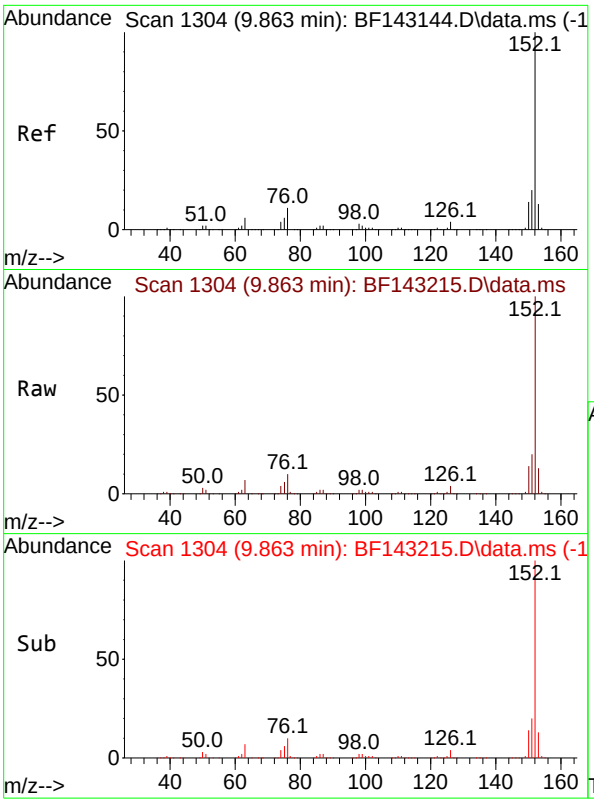


#48
2-Nitroaniline
Concen: 48.246 ng
RT: 9.534 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion: 65 Resp: 226980

Ion	Ratio	Lower	Upper
65	100		
92	64.4	52.4	78.6
138	99.3	82.3	123.5



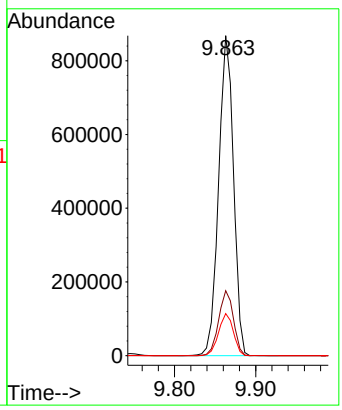


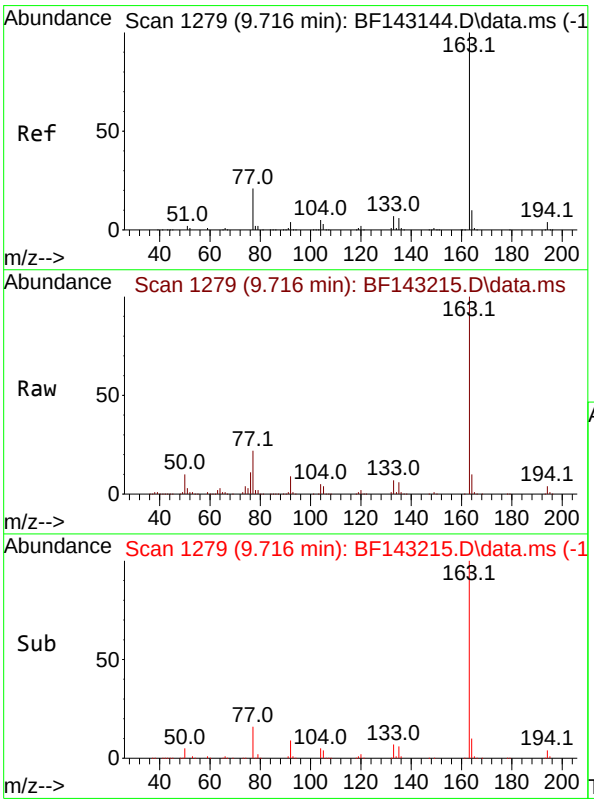
#49
Acenaphthylene
Concen: 44.027 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:152 Resp: 1106913

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.2	10.6	16.0

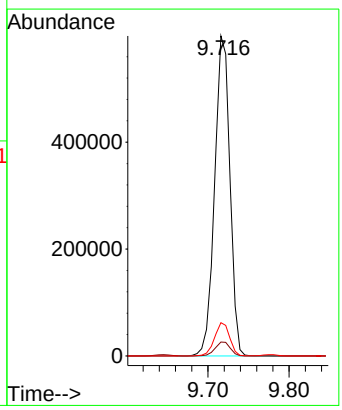


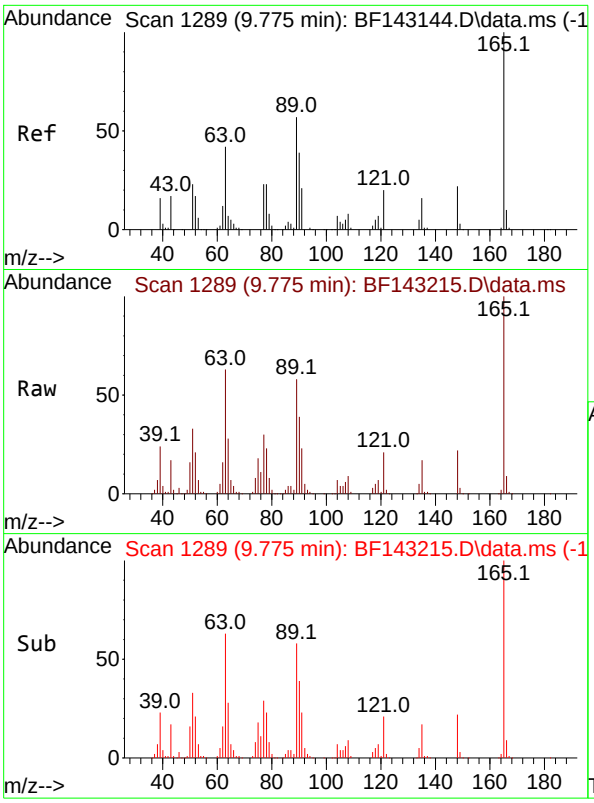


#50
Dimethylphthalate
Concen: 46.265 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:163 Resp: 783709

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.4	8.3	12.5



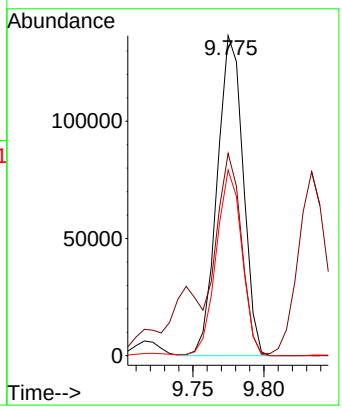


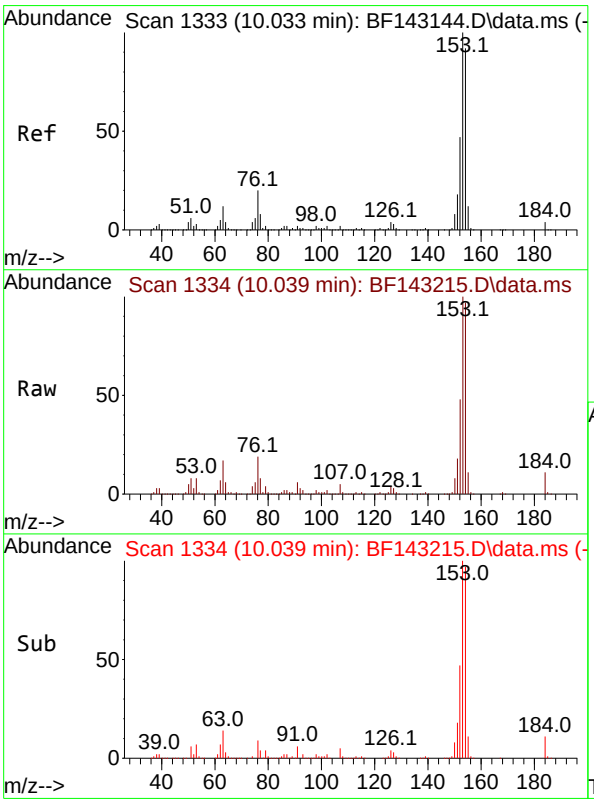
#51
2,6-Dinitrotoluene
Concen: 50.256 ng
RT: 9.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:165 Resp: 173179

Ion	Ratio	Lower	Upper
165	100		
63	63.2	49.4	74.2
89	58.0	46.2	69.2

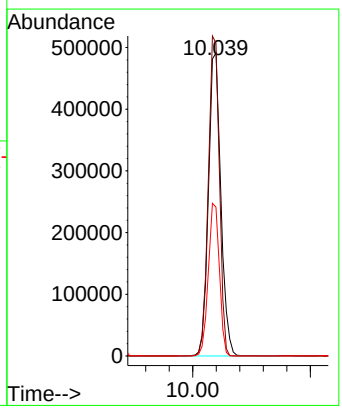


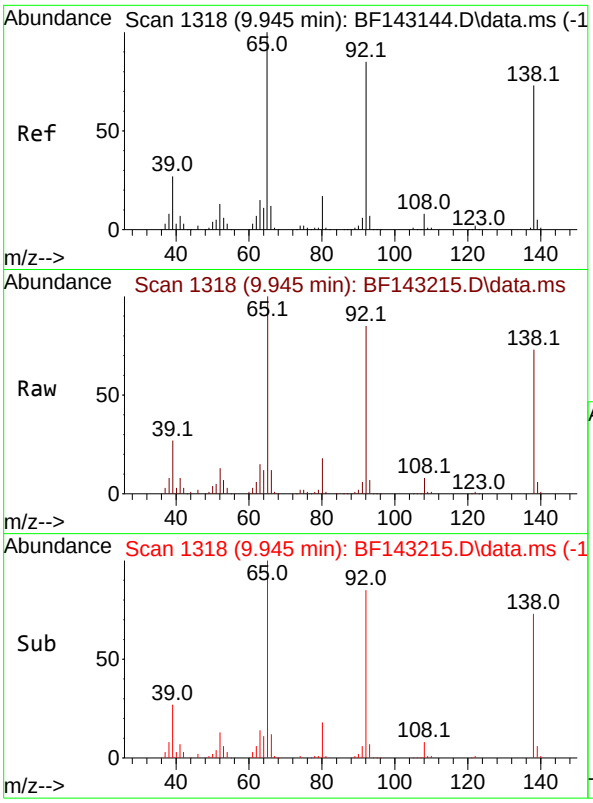


#52
Acenaphthene
Concen: 48.343 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:154 Resp: 718361

Ion	Ratio	Lower	Upper
154	100		
153	103.2	86.6	129.8
152	49.1	40.4	60.6



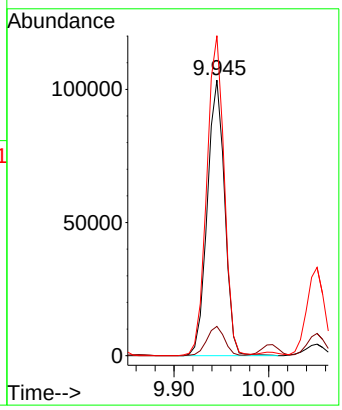


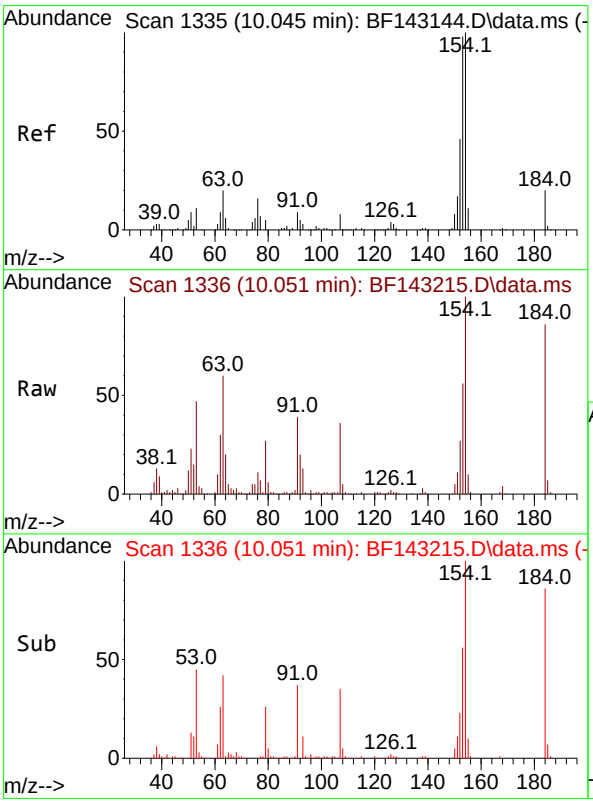
#53
3-Nitroaniline
Concen: 32.726 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:138 Resp: 131906

Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.0	13.6
92	116.1	93.0	139.4

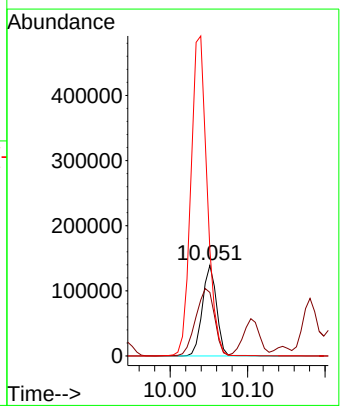


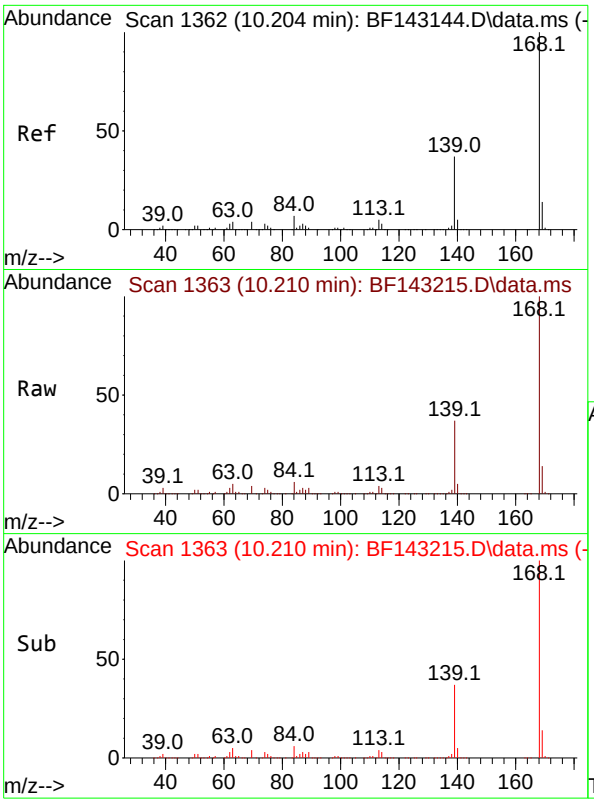


#54
2,4-Dinitrophenol
Concen: 110.471 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:184 Resp: 176857

Ion	Ratio	Lower	Upper
184	100		
63	70.1	81.8	122.6#
154	116.8	412.2	618.4#



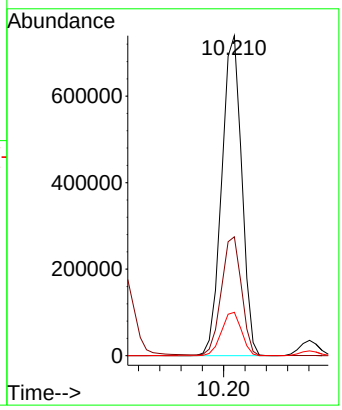


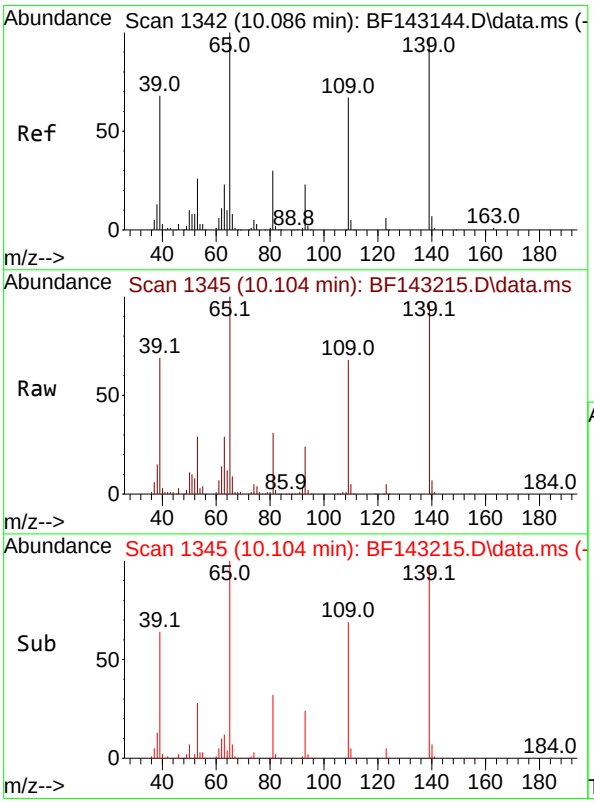
#55
Dibenzofuran
Concen: 43.643 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:168 Resp: 962852

Ion	Ratio	Lower	Upper
168	100		
139	37.1	29.5	44.3
169	13.5	10.9	16.3

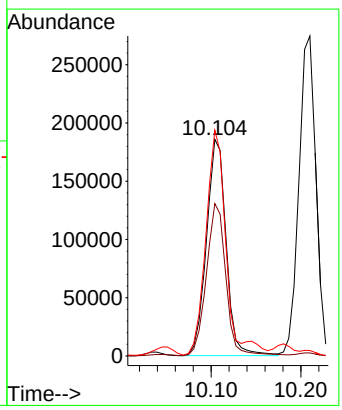


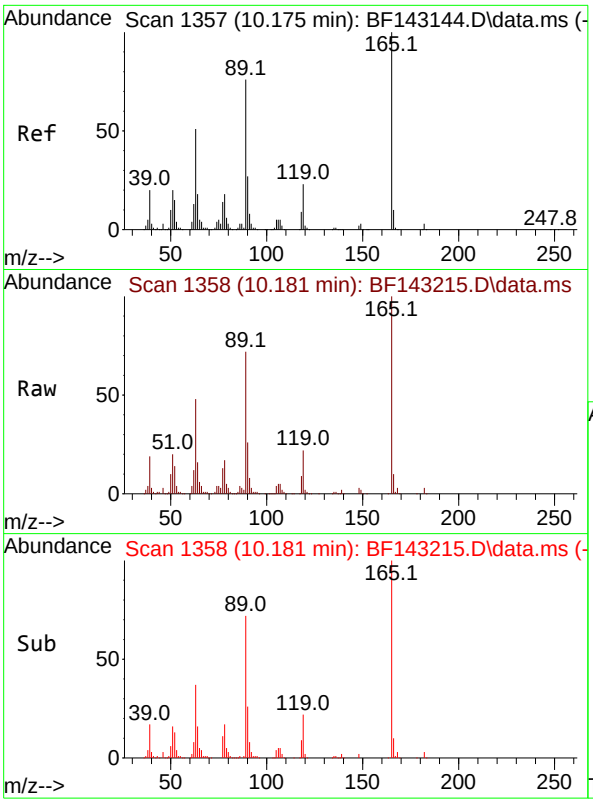


#56
4-Nitrophenol
Concen: 93.885 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:139 Resp: 282579

Ion	Ratio	Lower	Upper
139	100		
109	70.3	48.5	88.5
65	104.2	83.4	123.4



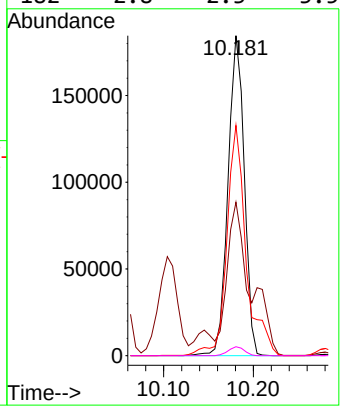


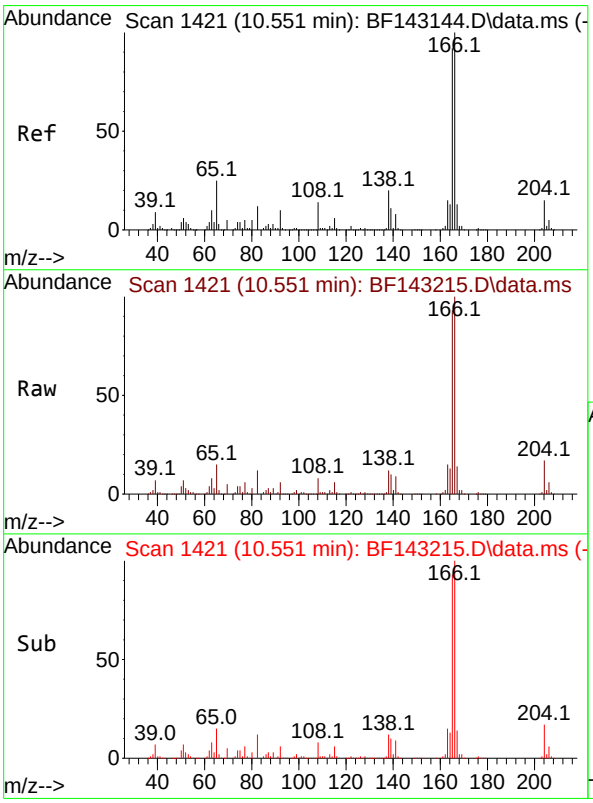
#57
2,4-Dinitrotoluene
Concen: 53.697 ng
RT: 10.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:165 Resp: 232149

Ion	Ratio	Lower	Upper
165	100		
63	48.0	41.0	61.4
89	71.9	61.1	91.7
182	2.8	2.3	3.5

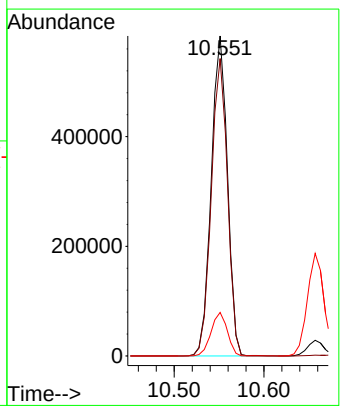


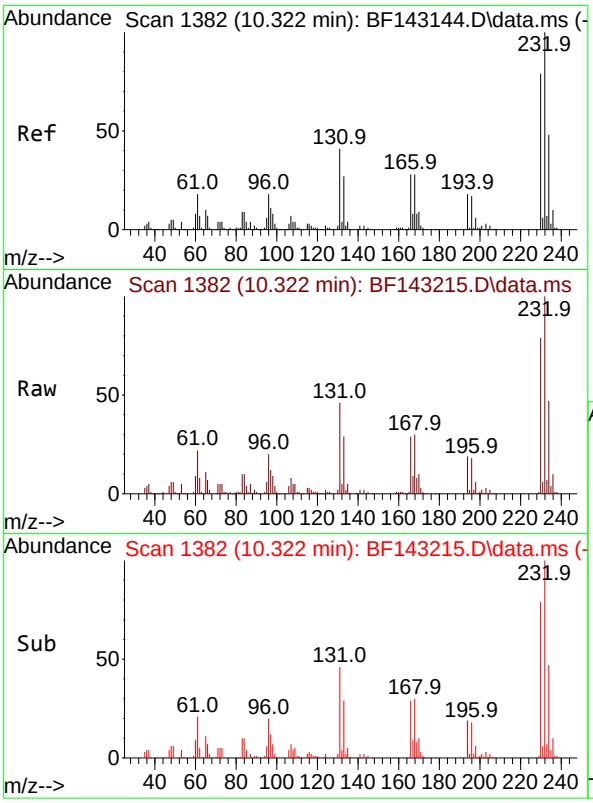


#58
Fluorene
Concen: 44.062 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:166 Resp: 729587

Ion	Ratio	Lower	Upper
166	100		
165	92.9	73.7	110.5
167	13.6	10.6	16.0



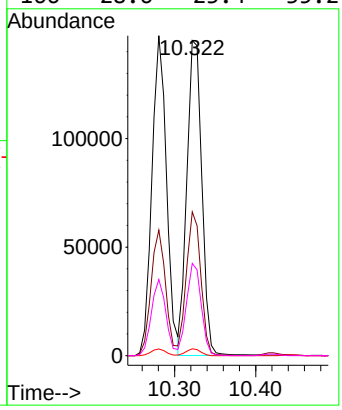


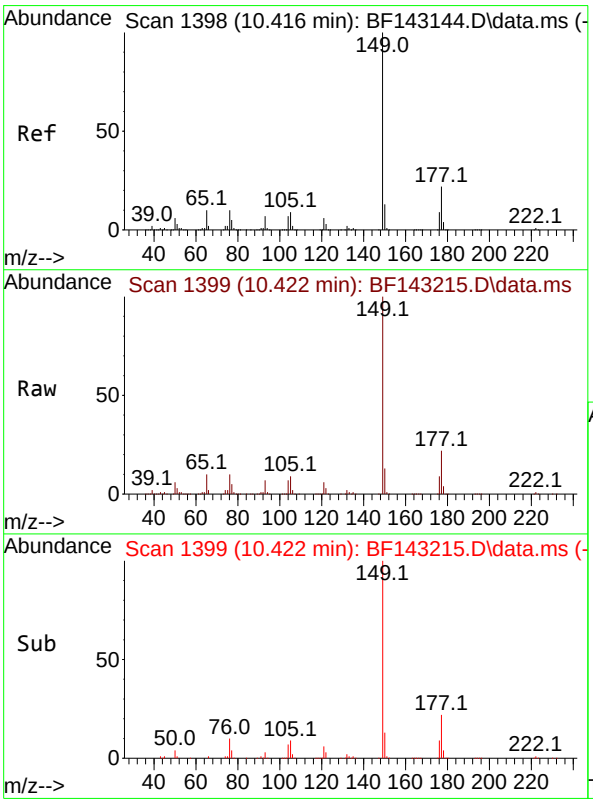
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.284 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:232 Resp: 186237

Ion	Ratio	Lower	Upper
232	100		
131	44.0	35.3	52.9
130	2.1	1.7	2.5
166	28.6	23.4	35.2

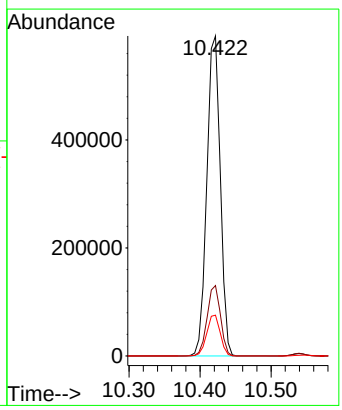


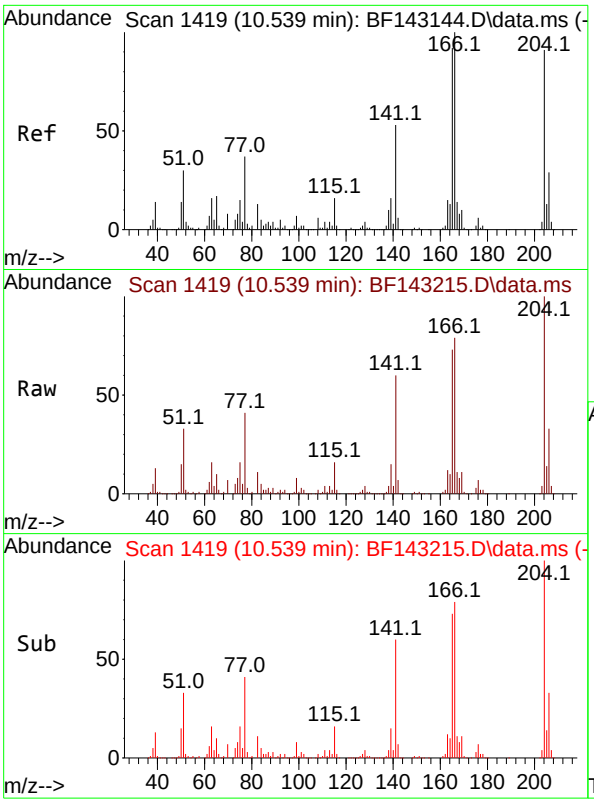


#60
Diethylphthalate
Concen: 46.645 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:149 Resp: 780972

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.5	26.3
150	12.8	10.2	15.2



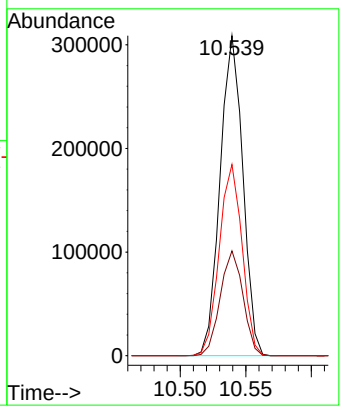


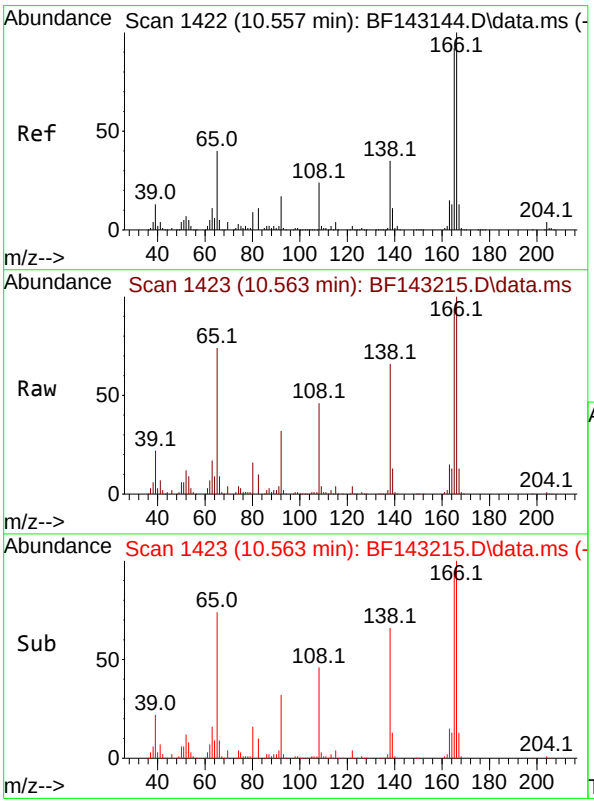
#61
4-Chlorophenyl-phenylether
Concen: 45.128 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:204 Resp: 372079

Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.8	38.8
141	59.8	47.0	70.4

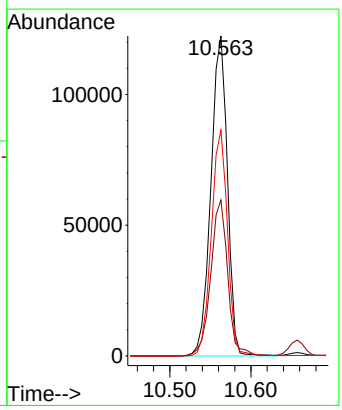


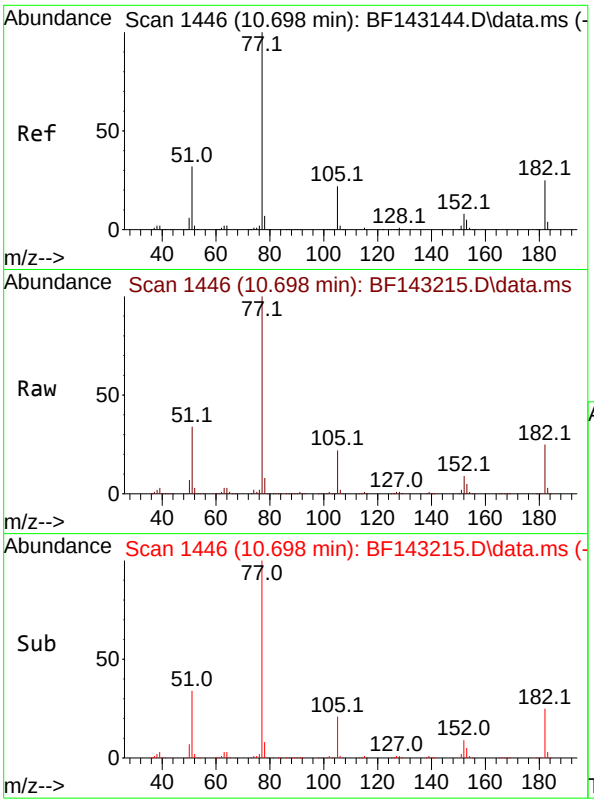


#62
4-Nitroaniline
Concen: 50.083 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:138 Resp: 173011

Ion	Ratio	Lower	Upper
138	100		
92	48.7	29.3	69.3
108	70.6	48.3	88.3



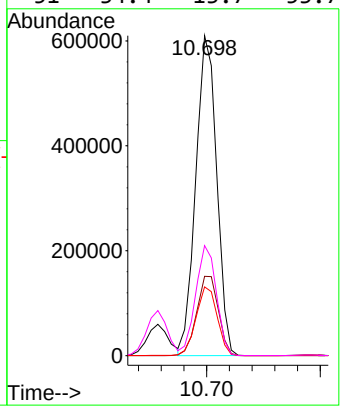


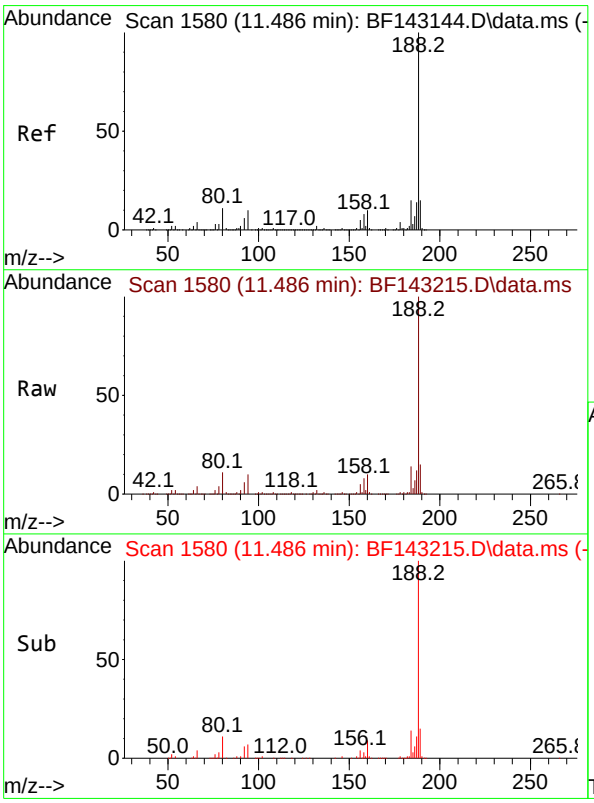
#63
Azobenzene
Concen: 44.738 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion: 77 Resp: 780671

Ion	Ratio	Lower	Upper
77	100		
182	24.8	4.6	44.6
105	21.5	1.4	41.4
51	34.4	13.7	53.7

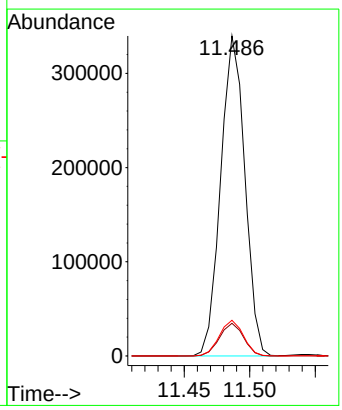


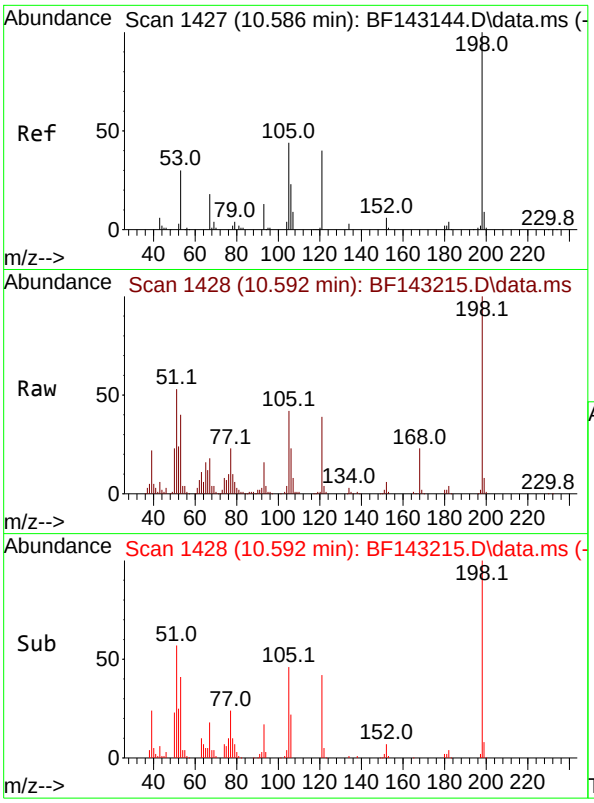


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:188 Resp: 435477

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.3	12.5
80	11.1	9.0	13.6



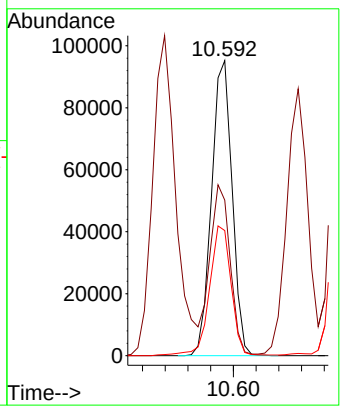


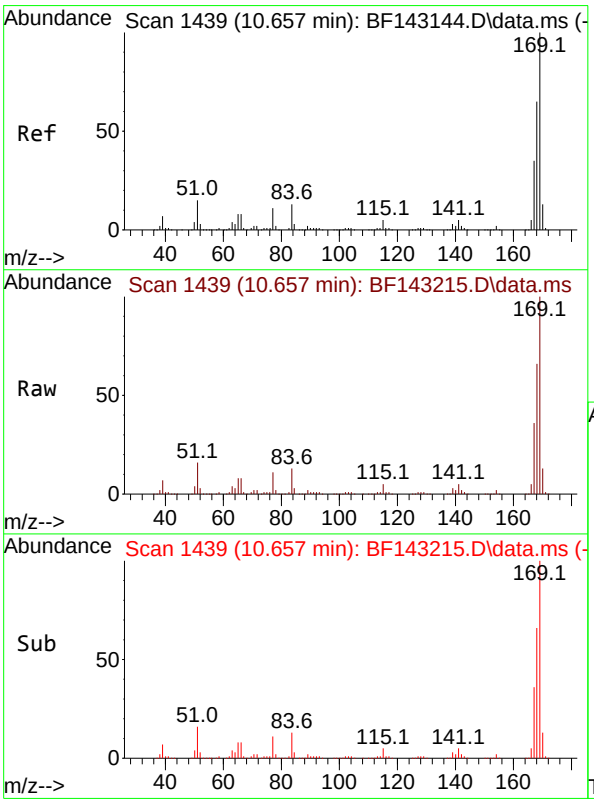
#65
4,6-Dinitro-2-methylphenol
Concen: 51.921 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:198 Resp: 119668

Ion	Ratio	Lower	Upper
198	100		
51	52.7	37.2	77.2
105	42.4	24.8	64.8

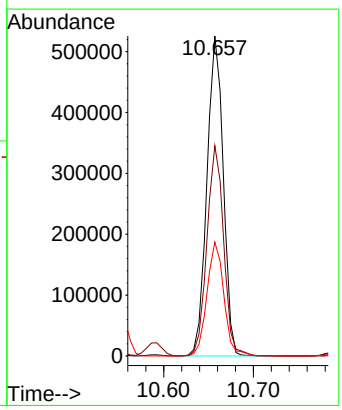


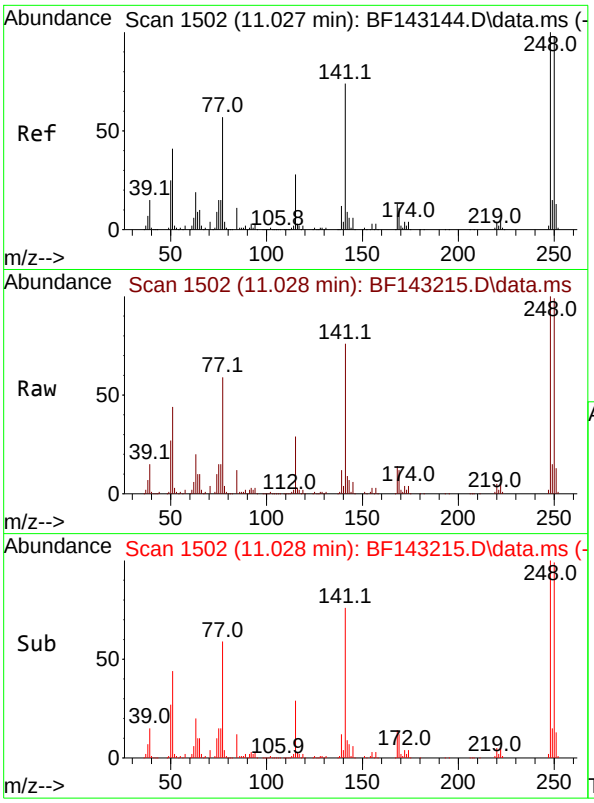


#66
n-Nitrosodiphenylamine
Concen: 43.334 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:169 Resp: 664504

Ion	Ratio	Lower	Upper
169	100		
168	65.7	52.1	78.1
167	35.6	28.2	42.2



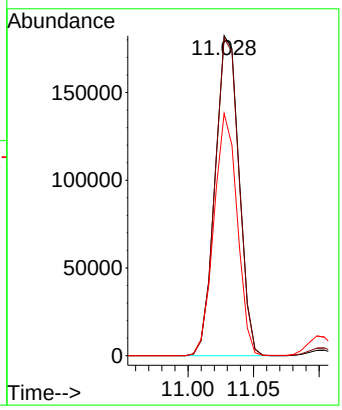


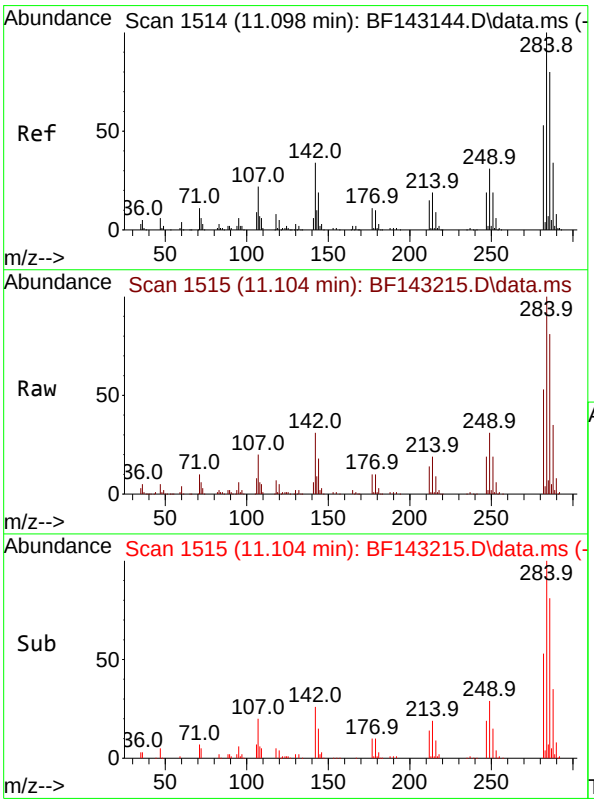
#67
4-Bromophenyl-phenylether
Concen: 44.672 ng
RT: 11.028 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:248 Resp: 231837

Ion	Ratio	Lower	Upper
248	100		
250	99.3	78.3	117.5
141	75.7	59.2	88.8

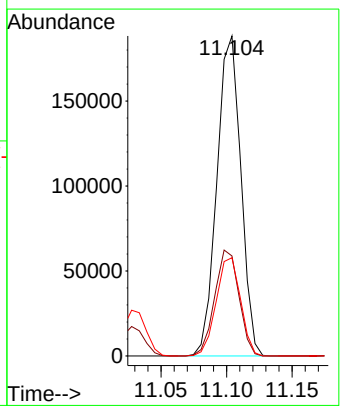


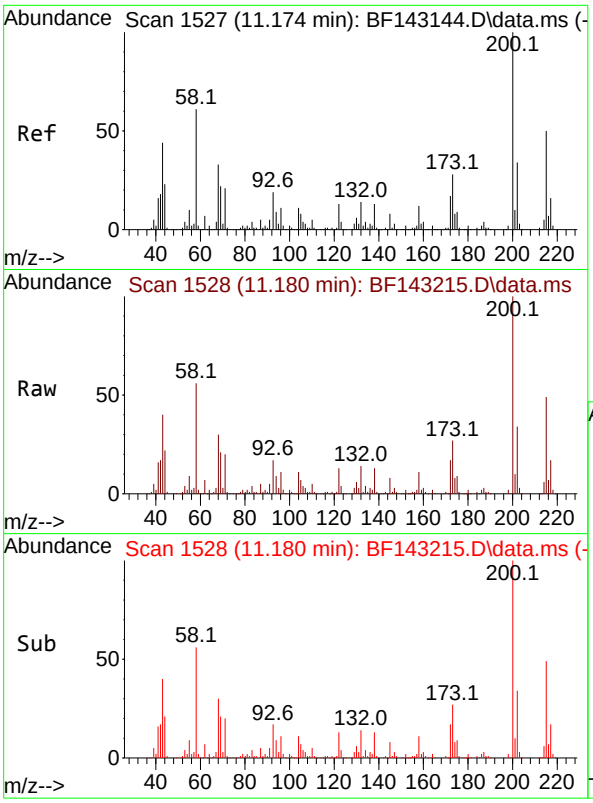


#68
Hexachlorobenzene
Concen: 44.087 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:284 Resp: 239145

Ion	Ratio	Lower	Upper
284	100		
142	31.2	27.0	40.6
249	30.7	25.0	37.6



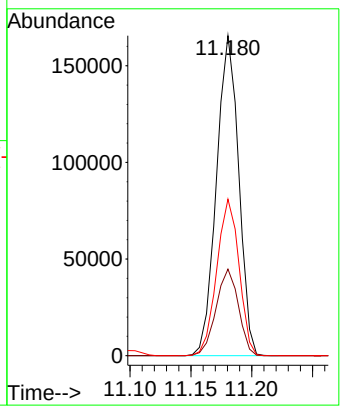


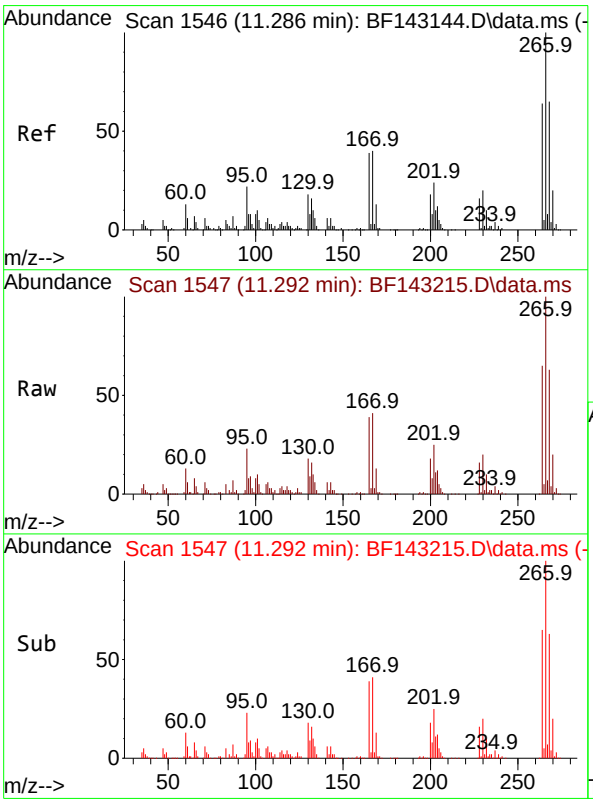
#69
Atrazine
Concen: 49.820 ng
RT: 11.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:200 Resp: 210616

Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.9	47.9
215	48.9	30.1	70.1

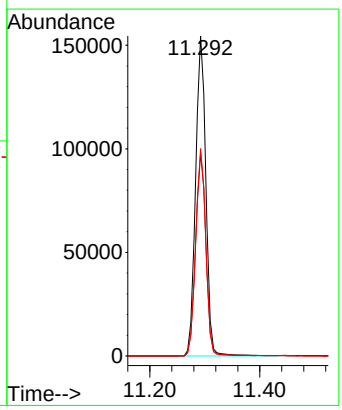


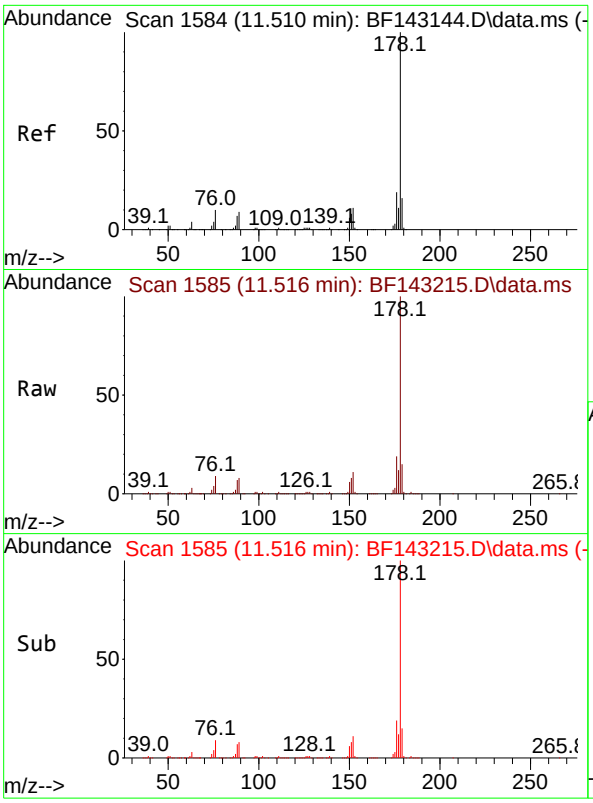


#70
Pentachlorophenol
Concen: 62.747 ng
RT: 11.292 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:266 Resp: 200160

Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.9	77.9
264	64.8	51.0	76.6



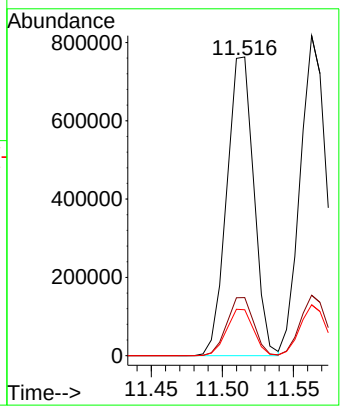


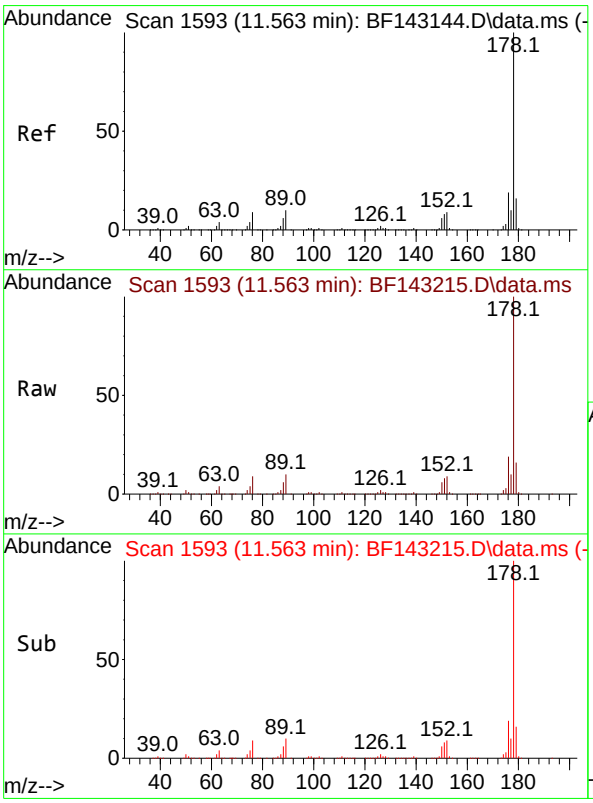
#71
Phenanthrene
Concen: 43.850 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:178 Resp: 1013911

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.4	12.5	18.7

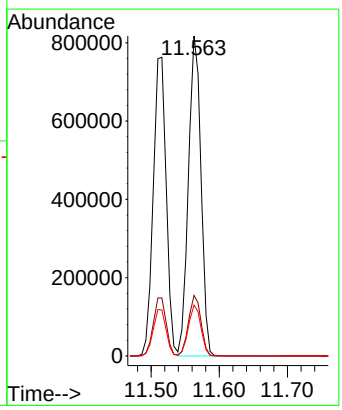


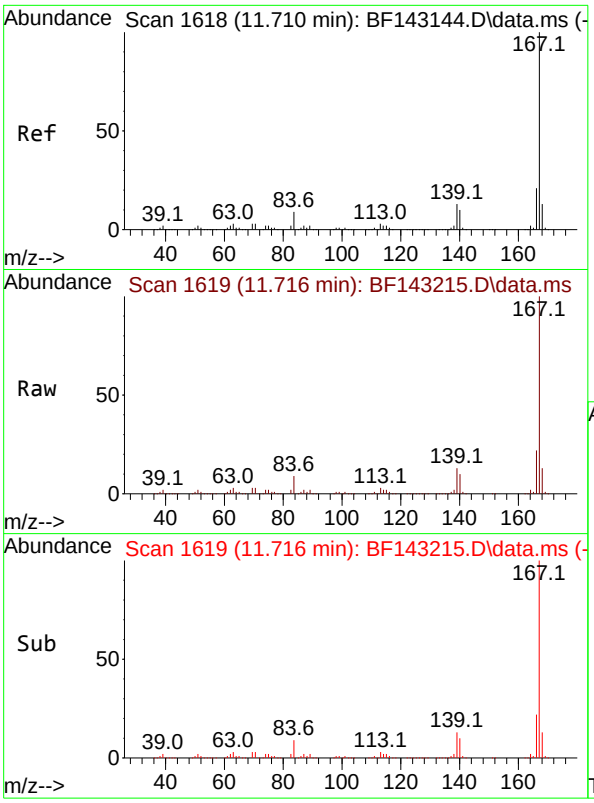


#72
Anthracene
Concen: 43.952 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:178 Resp: 1036500

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.9	12.5	18.7



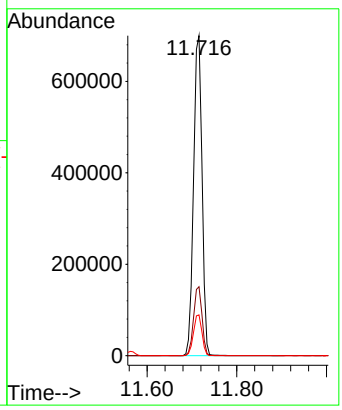


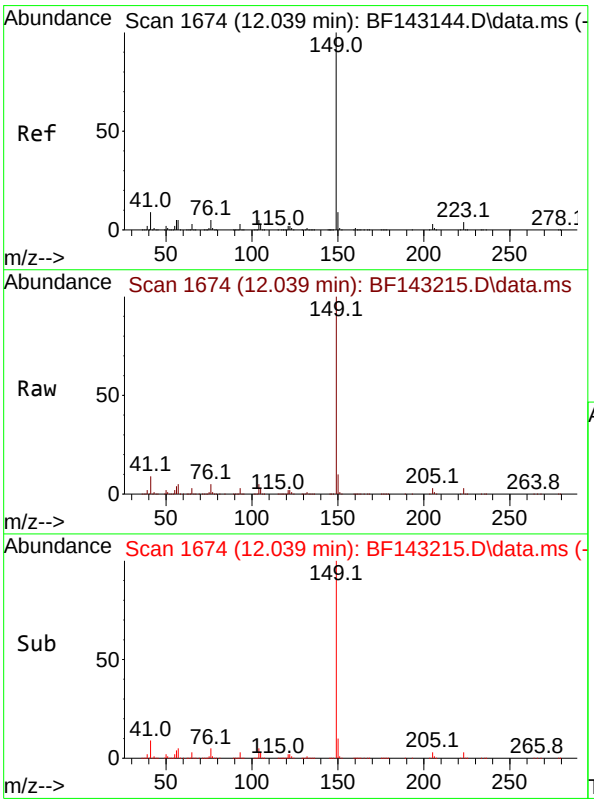
#73
Carbazole
Concen: 44.625 ng
RT: 11.716 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:167 Resp: 918922

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.6
139	12.8	10.0	15.0

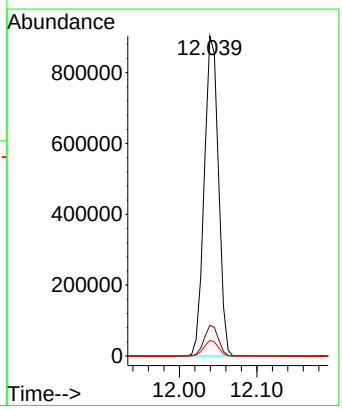


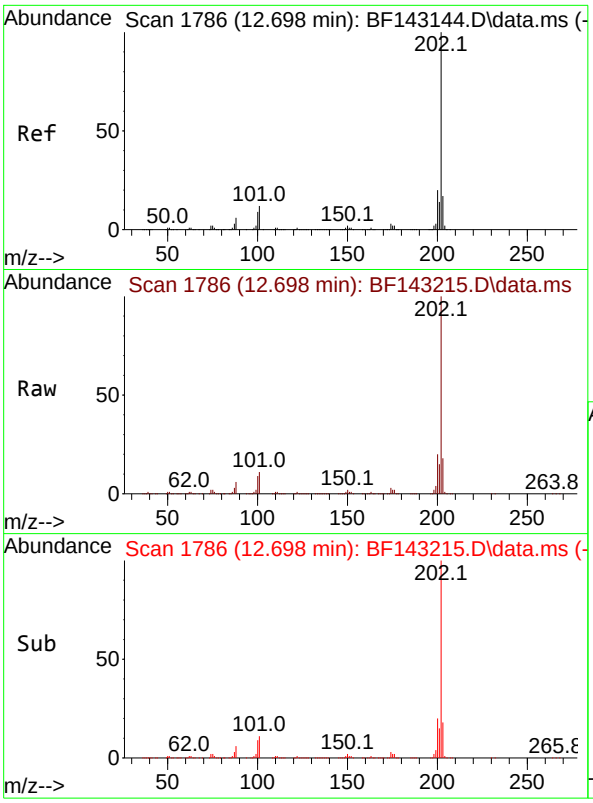


#74
Di-n-butylphthalate
Concen: 49.223 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:149 Resp: 1146896

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.4	11.2
104	4.8	3.8	5.8



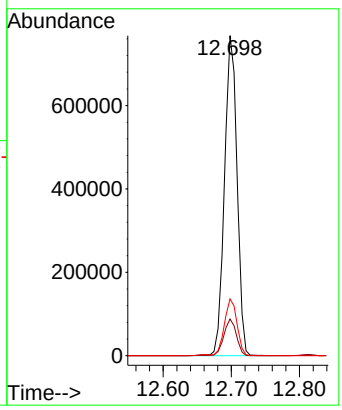


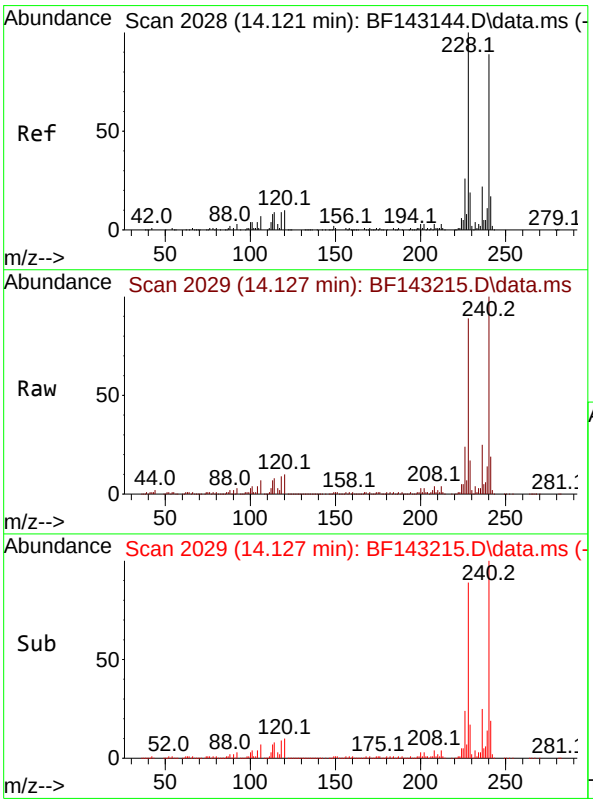
#75
Fluoranthene
Concen: 46.409 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:202 Resp: 984952

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.7
203	17.7	0.0	37.4

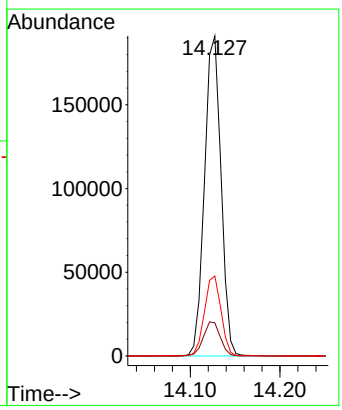


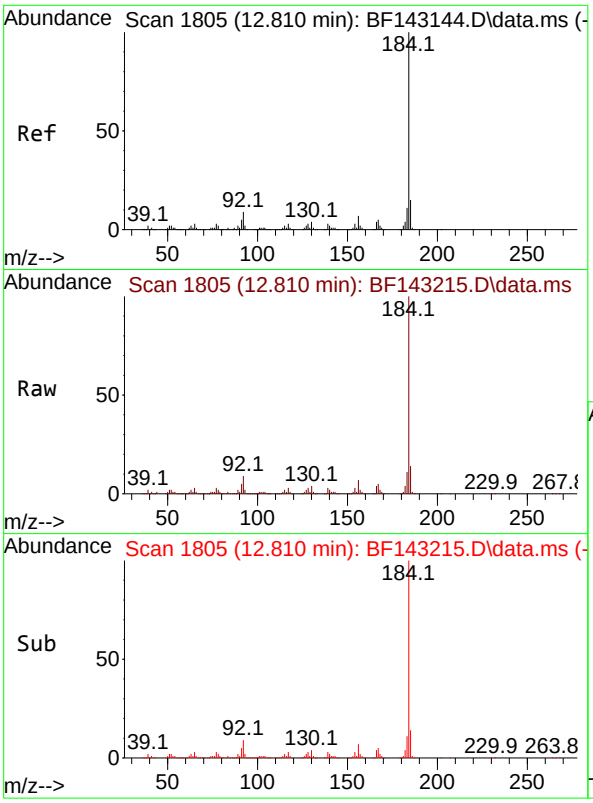


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:240 Resp: 244161

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.4	14.2
236	25.0	20.2	30.4



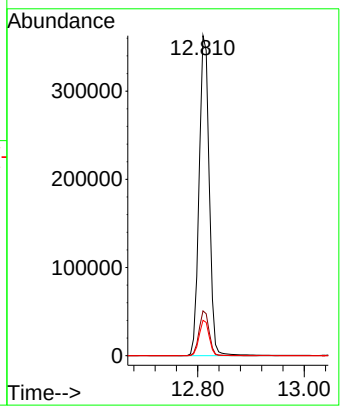


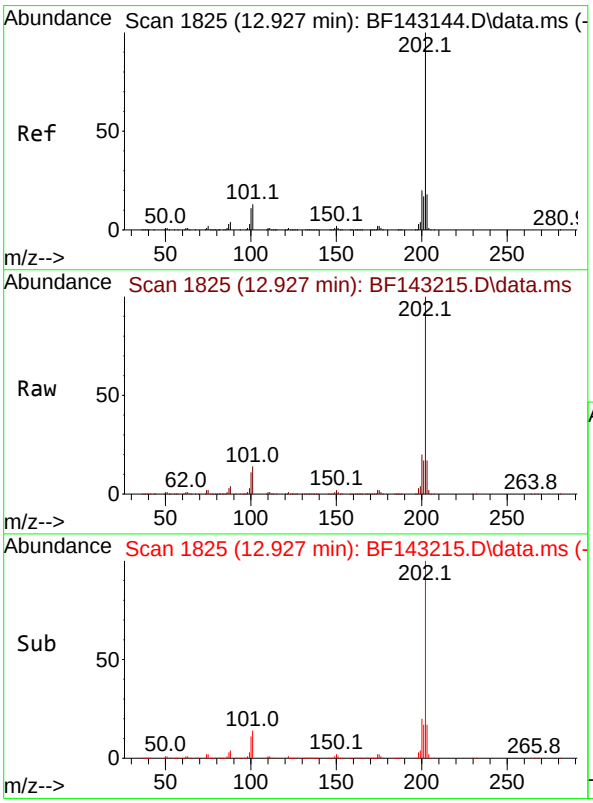
#77
Benzidine
Concen: 50.668 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:184 Resp: 476629

Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.2	18.4
183	11.0	9.0	13.4

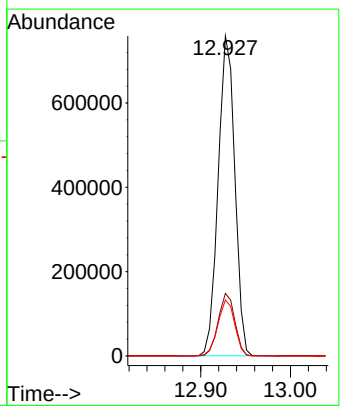


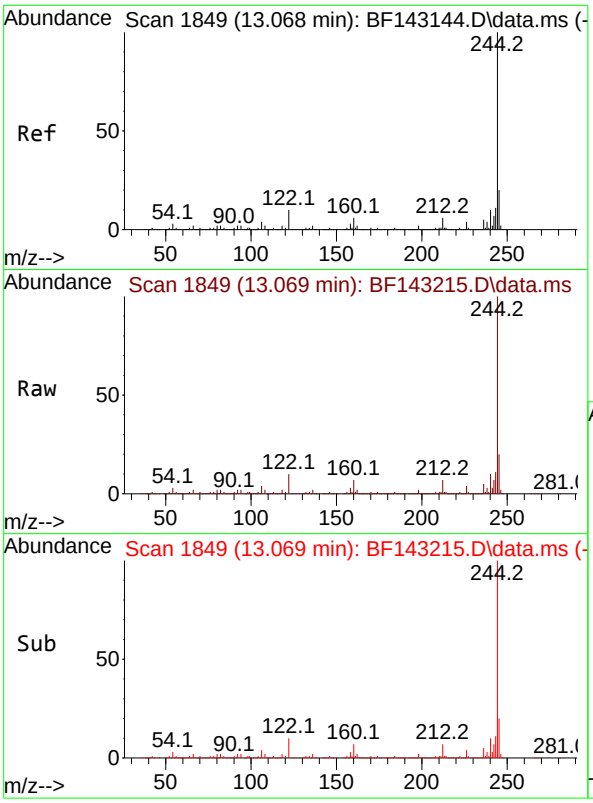


#78
Pyrene
Concen: 47.010 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:202 Resp: 979588

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.7	23.5
203	17.5	14.2	21.2



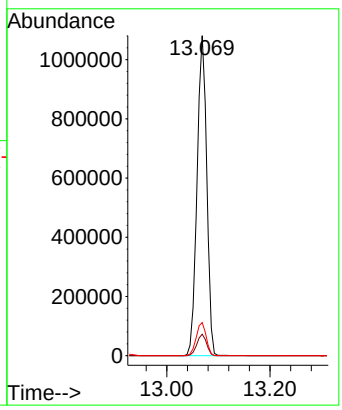


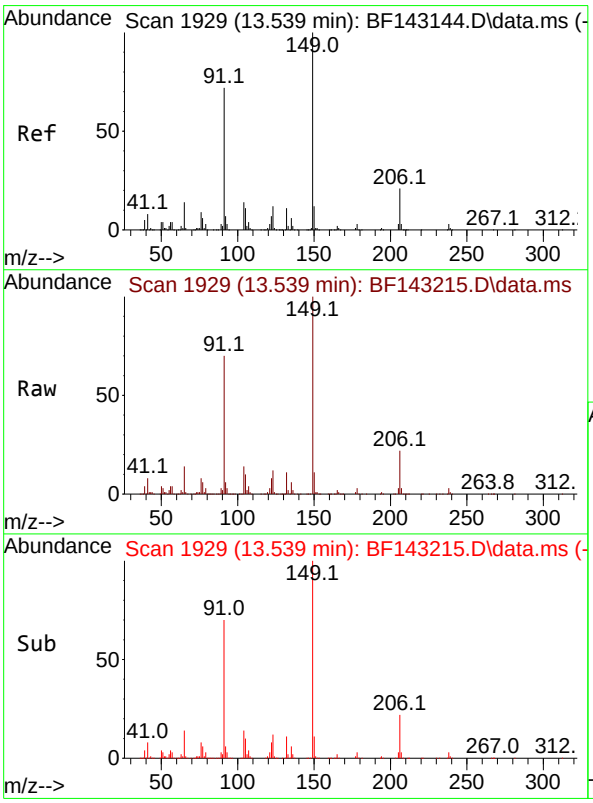
#79
Terphenyl-d14
Concen: 85.720 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:244 Resp: 1406445

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.2	7.8
122	10.3	8.2	12.2

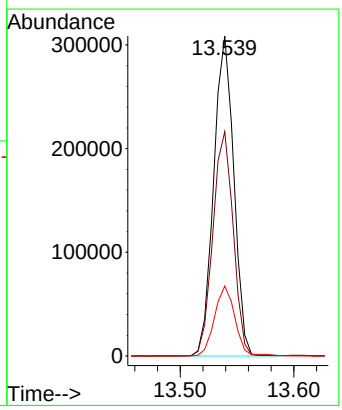


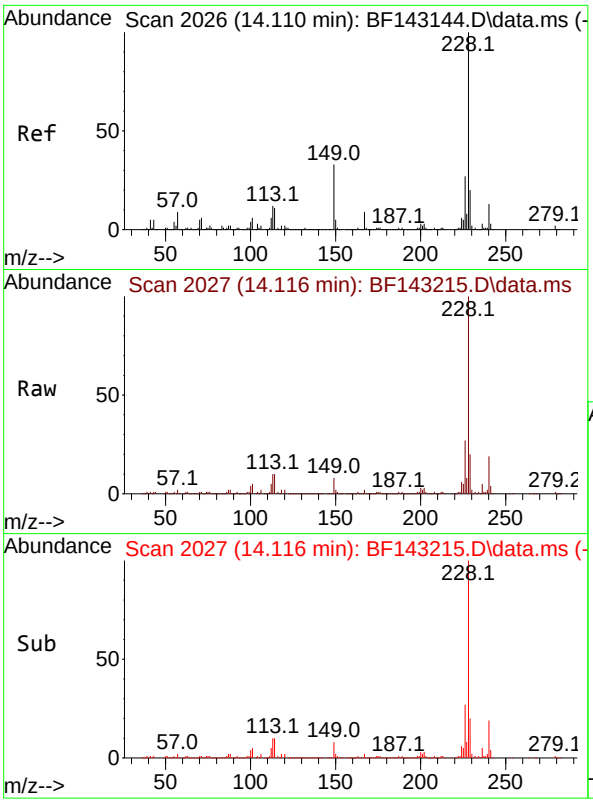


#80
Butylbenzylphthalate
Concen: 59.443 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:149 Resp: 379300

Ion	Ratio	Lower	Upper
149	100		
91	70.1	57.9	86.9
206	21.9	17.0	25.4



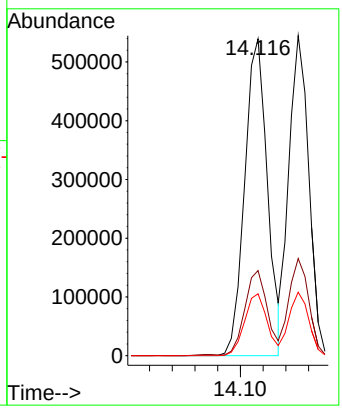


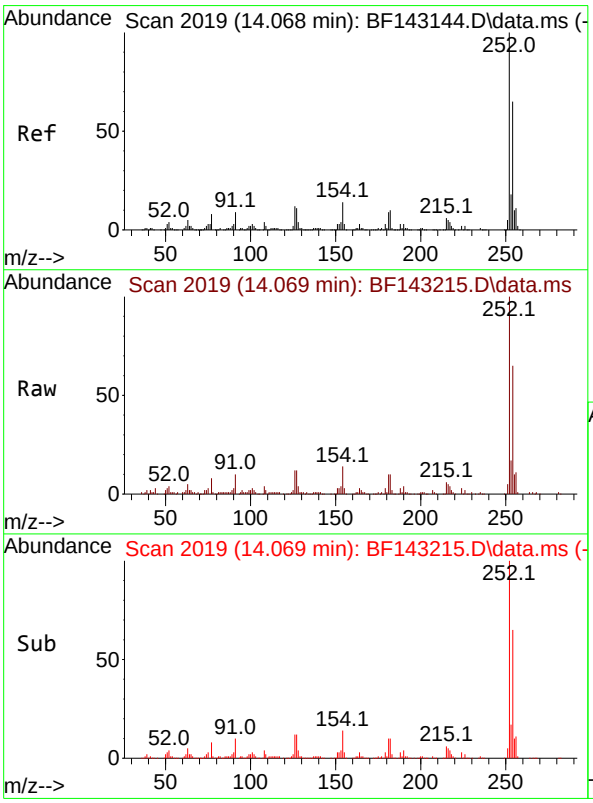
#81
Benzo(a)anthracene
Concen: 45.797 ng
RT: 14.116 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:228 Resp: 748619

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	19.6	15.8	23.6

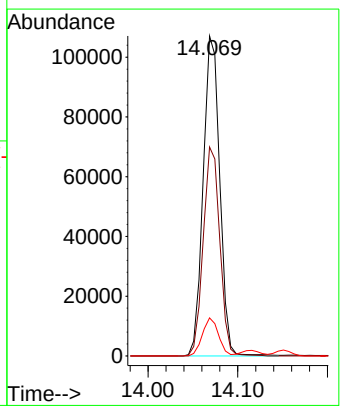


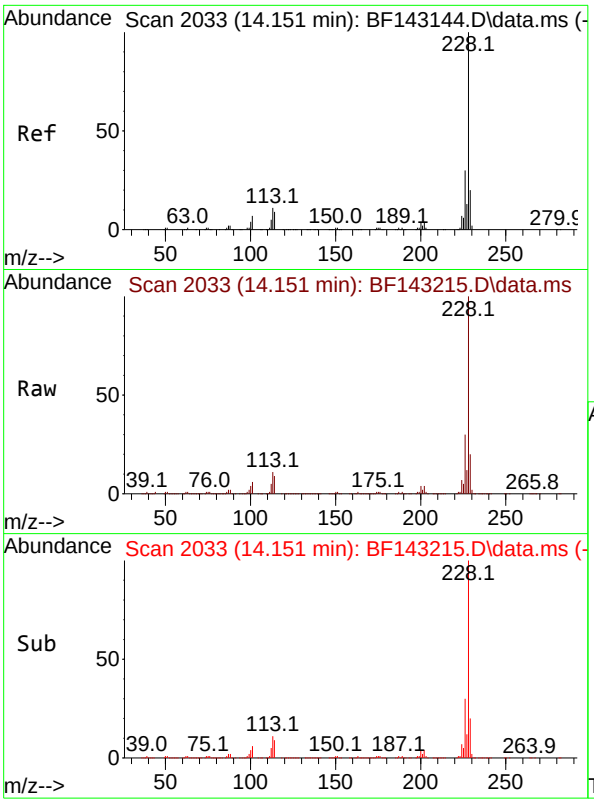


#82
3,3'-Dichlorobenzidine
Concen: 25.204 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:252 Resp: 137313

Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.7	77.5
126	11.9	9.4	14.0



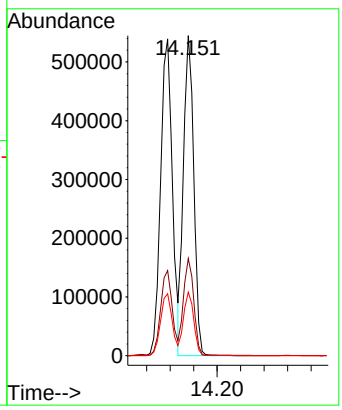


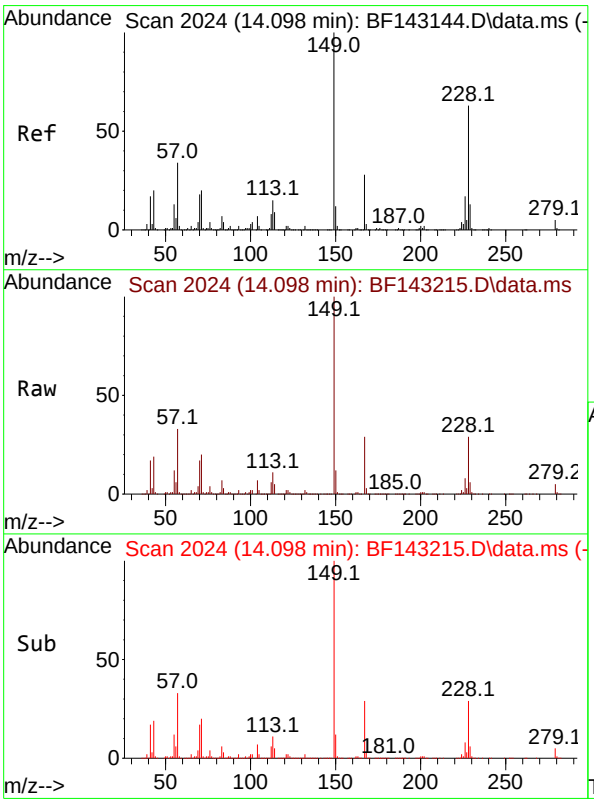
#83
Chrysene
Concen: 45.286 ng
RT: 14.151 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:228 Resp: 665571

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.8
229	19.9	15.6	23.4

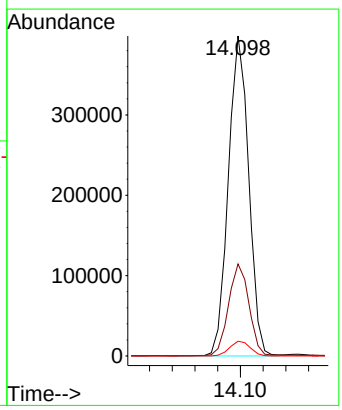


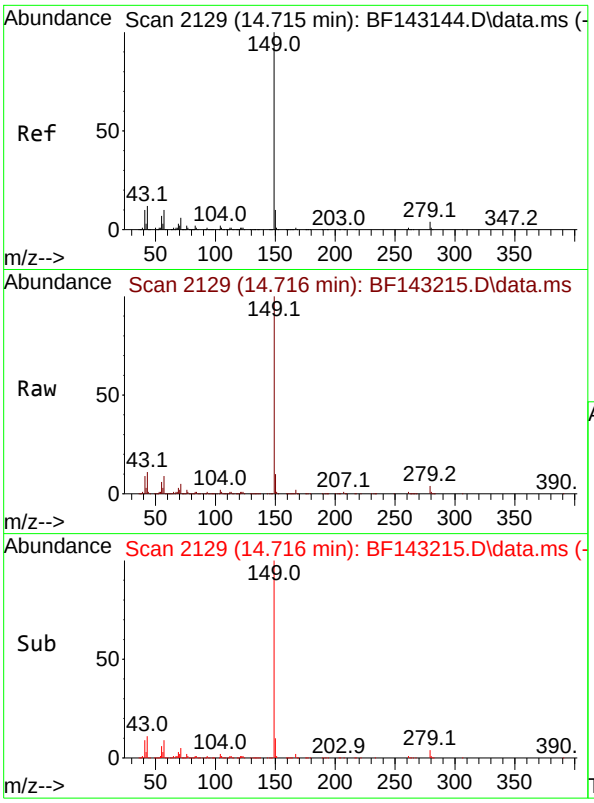


#84
Bis(2-ethylhexyl)phthalate
Concen: 51.274 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:149 Resp: 495206

Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.3	33.5
279	4.6	3.6	5.4



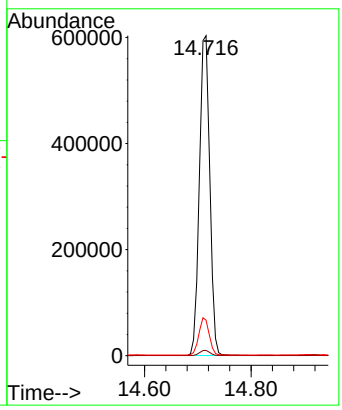


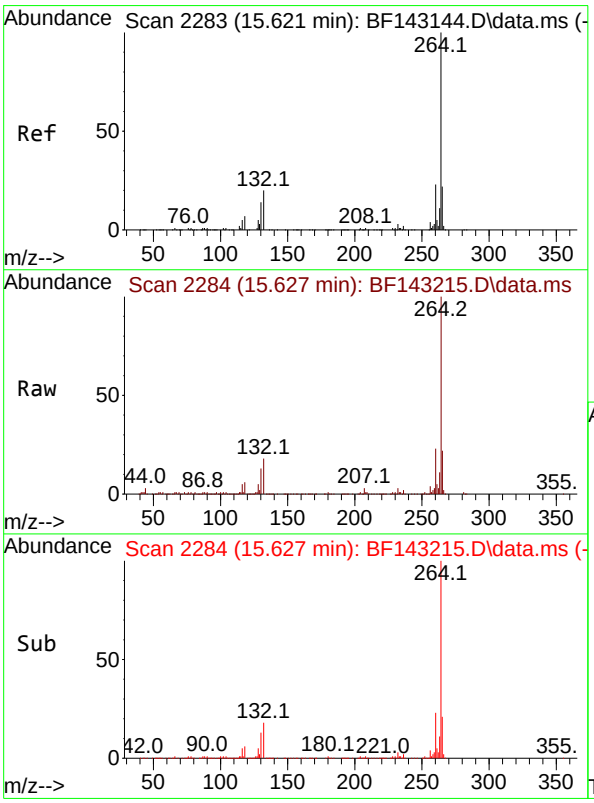
#85
Di-n-octyl phthalate
Concen: 46.722 ng
RT: 14.716 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:149 Resp: 817940

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.5	9.7	14.5

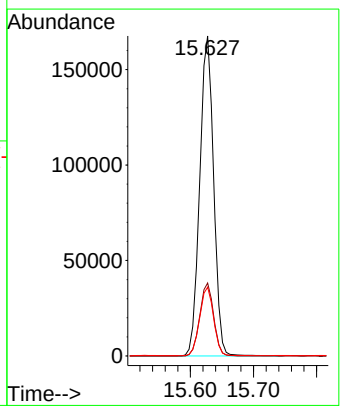


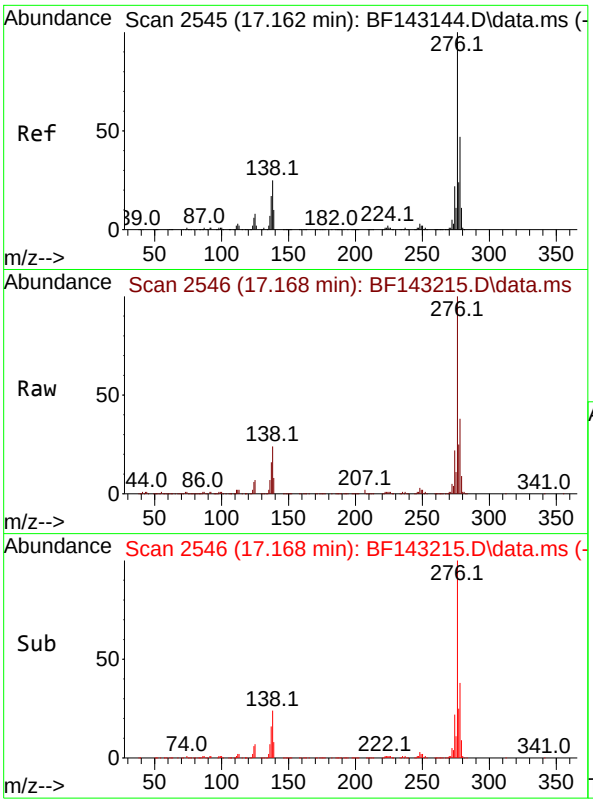


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:264 Resp: 257113

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	21.5	17.4	26.2



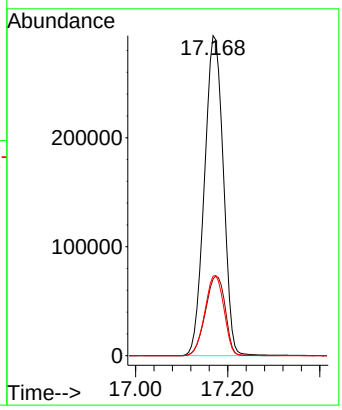


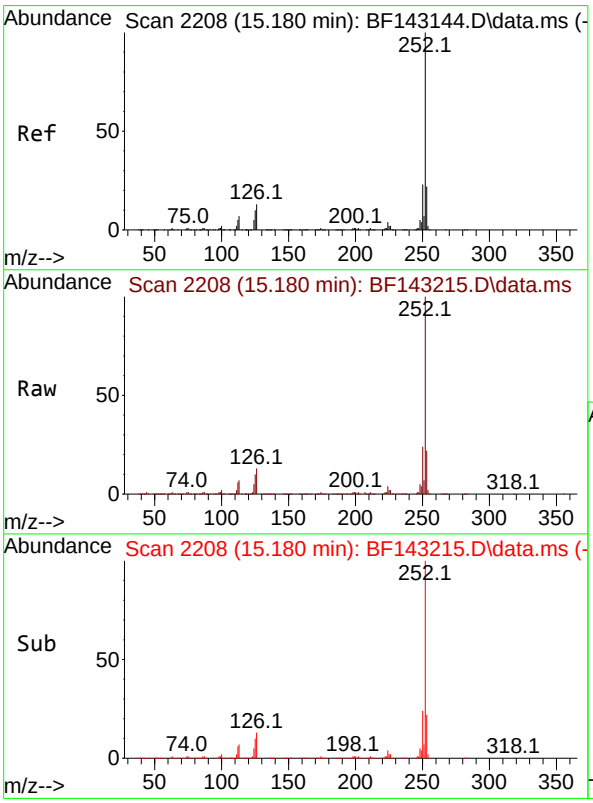
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.122 ng
RT: 17.168 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:276 Resp: 836182

Ion	Ratio	Lower	Upper
276	100		
138	26.1	21.8	32.6
277	25.4	20.0	30.0

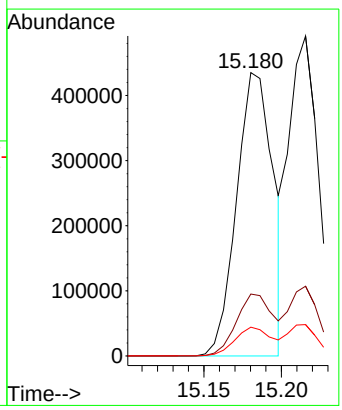


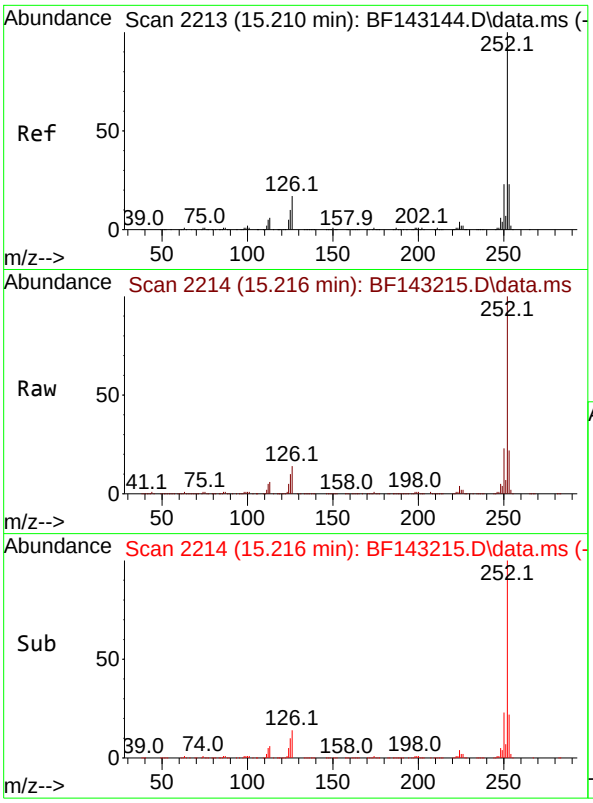


#88
Benzo(b)fluoranthene
Concen: 45.438 ng
RT: 15.180 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:252 Resp: 713703

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.1	8.0	12.0



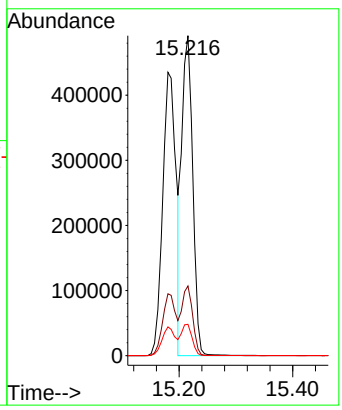


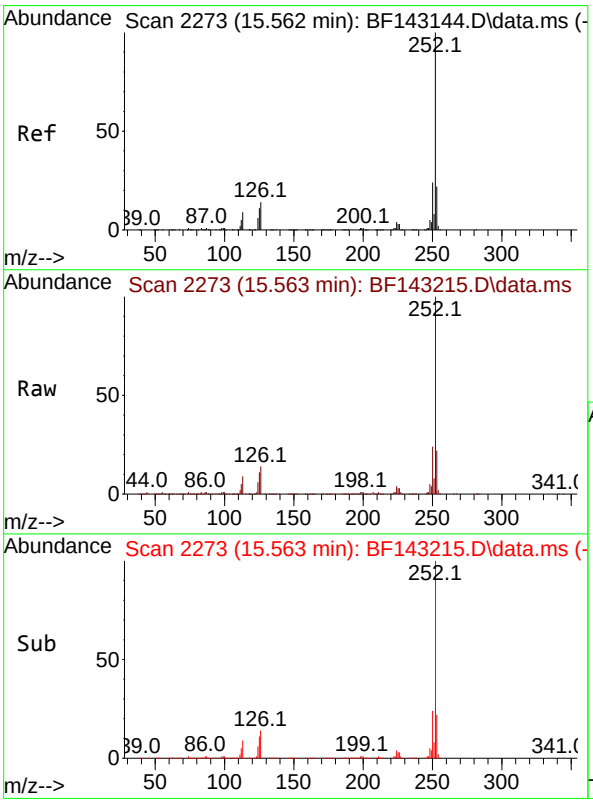
#89
Benzo(k)fluoranthene
Concen: 46.747 ng
RT: 15.216 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:252 Resp: 655222

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	9.8	8.1	12.1

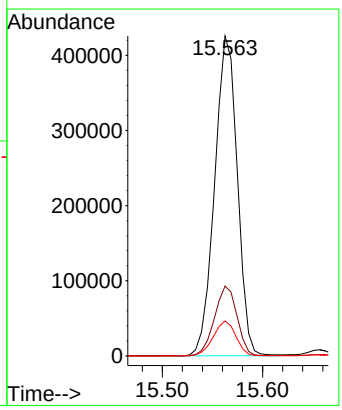


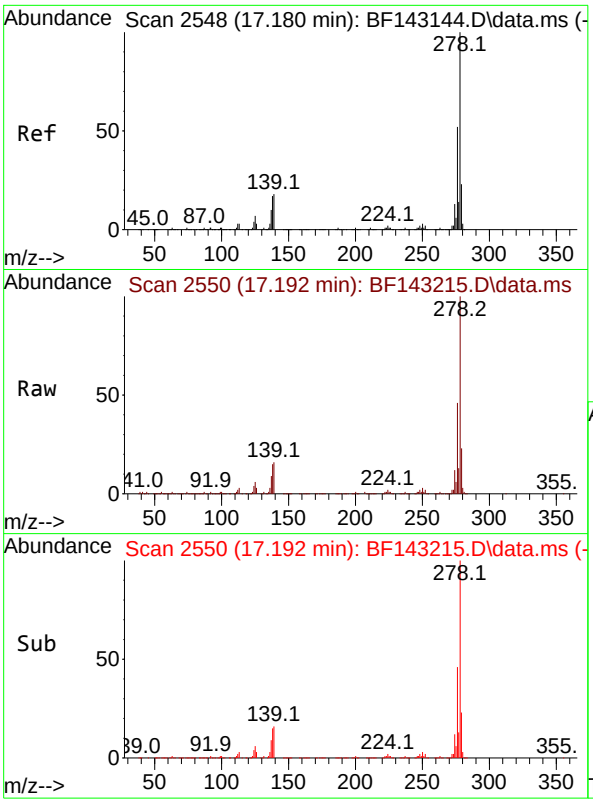


#90
Benzo(a)pyrene
Concen: 46.172 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:252 Resp: 668195

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	10.9	8.6	13.0



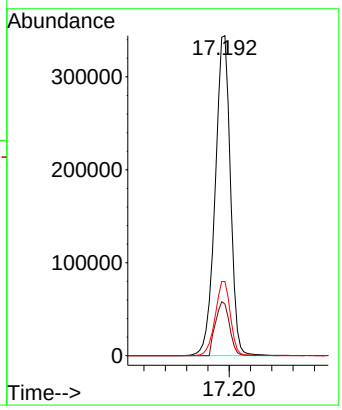


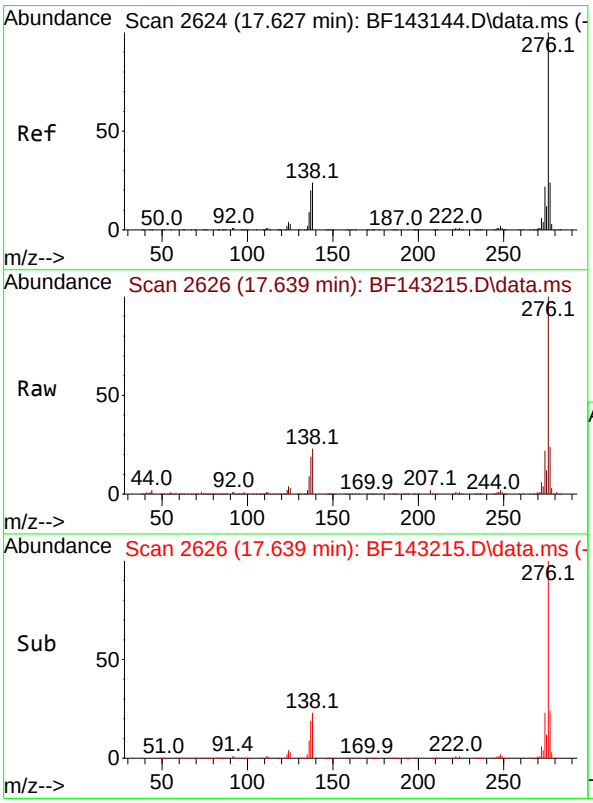
#91
Dibenzo(a,h)anthracene
Concen: 46.242 ng
RT: 17.192 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB168948BS

Tgt Ion:278 Resp: 682369

Ion	Ratio	Lower	Upper
278	100		
139	16.1	14.1	21.1
279	23.2	18.6	28.0

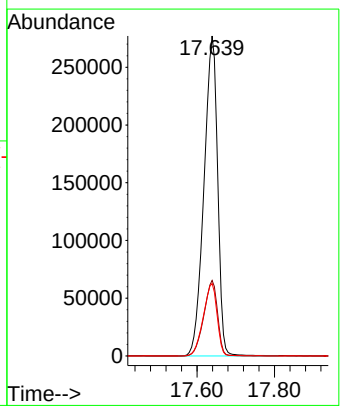




#92
Benzo(g,h,i)perylene
Concen: 47.472 ng
RT: 17.639 min Scan# 2626
Delta R.T. 0.012 min
Lab File: BF143215.D
Acq: 23 Jul 2025 16:59

Tgt Ion:276 Resp: 677636

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	22.6	18.9	28.3



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143219.D
Acq On : 23 Jul 2025 18:56
Operator : RC/JU
Sample : Q2649-09MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Quant Time: Jul 24 01:18:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	129050	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	500596	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	258431	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	430420	20.000	ng		0.00
76) Chrysene-d12	14.121	240	253028	20.000	ng		0.00
86) Perylene-d12	15.627	264	273066	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.604	112	666494	81.728	ng		0.02
7) Phenol-d6	6.592	99	916762	89.313	ng		0.00
23) Nitrobenzene-d5	7.522	82	590990	58.848	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	246605	92.370	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1025654	54.278	ng		0.00
79) Terphenyl-d14	13.063	244	958583	56.376	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.893	88	143072	37.077	ng		98
3) Pyridine	3.646	79	375997	37.541	ng		99
4) n-Nitrosodimethylamine	3.593	42	216954	41.955	ng		99
6) Aniline	6.622	93	354226	24.761	ng	#	89
8) 2-Chlorophenol	6.751	128	363972	42.579	ng		97
9) Benzaldehyde	6.510	77	240931	31.302	ng		100
10) Phenol	6.604	94	468191	41.869	ng		95
11) bis(2-Chloroethyl)ether	6.692	93	357203	41.720	ng		99
12) 1,3-Dichlorobenzene	6.904	146	386913	41.666	ng		100
13) 1,4-Dichlorobenzene	6.981	146	397555	42.512	ng		99
14) 1,2-Dichlorobenzene	7.134	146	377692	42.464	ng		99
15) Benzyl Alcohol	7.098	79	341349	43.553	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	657511	41.398	ng		98
17) 2-Methylphenol	7.210	107	306419	42.633	ng		99
18) Hexachloroethane	7.481	117	142466	44.007	ng		97
19) n-Nitroso-di-n-propyla...	7.369	70	268994	40.847	ng		98
20) 3+4-Methylphenols	7.363	107	365199	41.879	ng	#	78
22) Acetophenone	7.369	105	488458	41.214	ng	#	97
24) Nitrobenzene	7.539	77	409071	43.691	ng		99
25) Isophorone	7.781	82	749097	42.254	ng		98
26) 2-Nitrophenol	7.857	139	198030	48.734	ng		99
27) 2,4-Dimethylphenol	7.892	122	350676	42.337	ng		100
28) bis(2-Chloroethoxy)met...	7.986	93	447620	42.111	ng		100
29) 2,4-Dichlorophenol	8.098	162	304971	43.659	ng		99
30) 1,2,4-Trichlorobenzene	8.186	180	321967	42.664	ng		99
31) Naphthalene	8.269	128	1044863	42.382	ng		100
32) Benzoic acid	8.004	122	234401	49.997	ng		99
33) 4-Chloroaniline	8.304	127	65013	6.458	ng		100
34) Hexachlorobutadiene	8.386	225	200881	43.575	ng		99
35) Caprolactam	8.675	113	73281	34.717	ng		98
36) 4-Chloro-3-methylphenol	8.792	107	336225	44.285	ng		99
37) 2-Methylnaphthalene	8.957	142	643071	42.865	ng		100
38) 1-Methylnaphthalene	9.057	142	663384	42.942	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	318910	42.743	ng		99
41) Hexachlorocyclopentadiene	9.116	237	427550	88.068	ng		100
43) 2,4,6-Trichlorophenol	9.233	196	221765	42.946	ng		100

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143219.D
Acq On : 23 Jul 2025 18:56
Operator : RC/JU
Sample : Q2649-09MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Quant Time: Jul 24 01:18:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

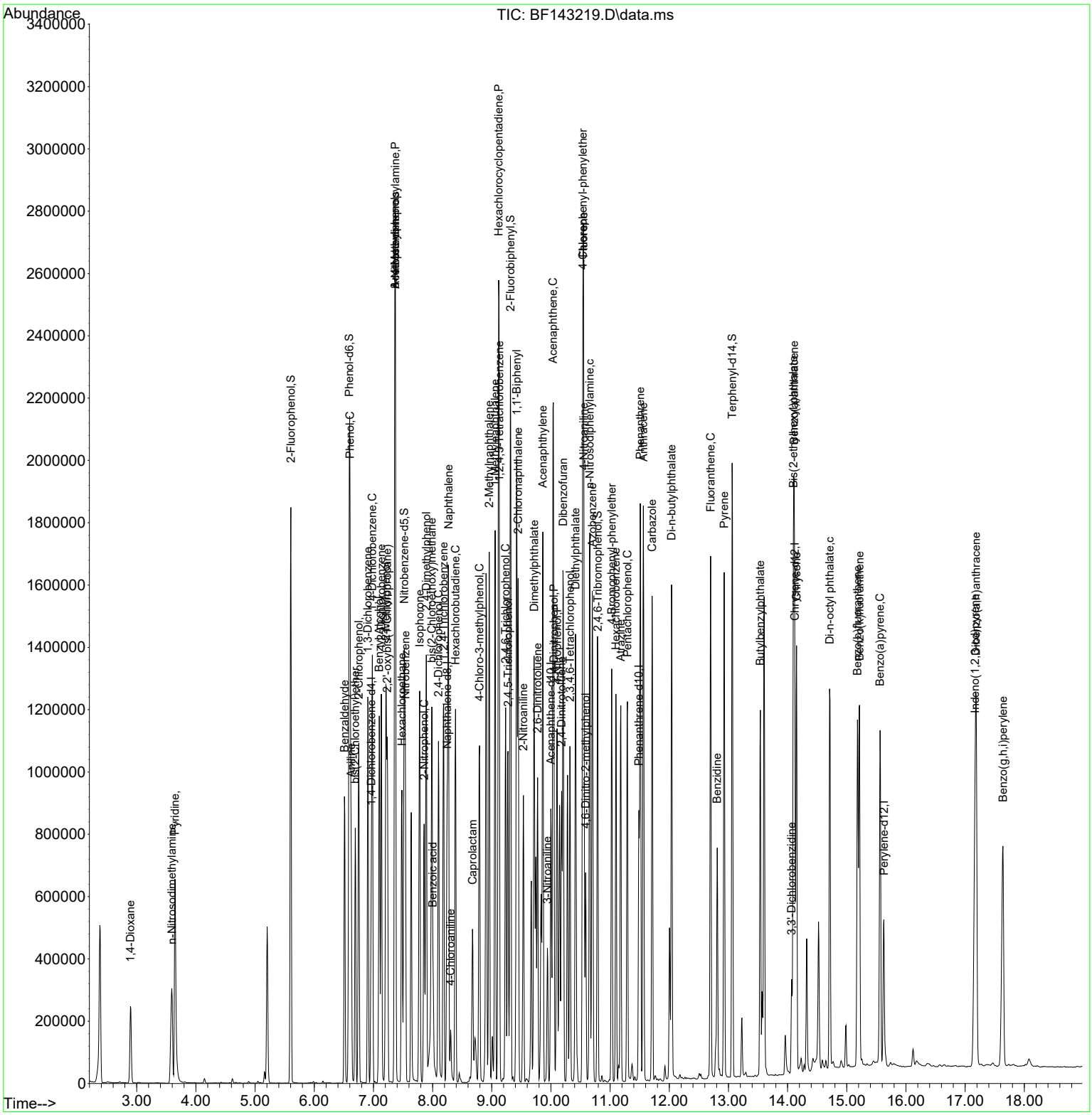
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	232369	44.986	ng		99
46) 1,1'-Biphenyl	9.422	154	877516	43.522	ng		100
47) 2-Chloronaphthalene	9.445	162	636055	42.634	ng		99
48) 2-Nitroaniline	9.533	65	216093	46.188	ng		99
49) Acenaphthylene	9.863	152	1082459	43.295	ng		100
50) Dimethylphthalate	9.716	163	756505	44.909	ng		99
51) 2,6-Dinitrotoluene	9.775	165	165873	48.404	ng		99
52) Acenaphthene	10.033	154	707499	47.878	ng		99
53) 3-Nitroaniline	9.939	138	88166	21.996	ng		99
54) 2,4-Dinitrophenol	10.051	184	172311	108.368	ng	#	1
55) Dibenzofuran	10.204	168	937987	42.753	ng		99
56) 4-Nitrophenol	10.104	139	274401	91.677	ng		98
57) 2,4-Dinitrotoluene	10.180	165	220692	51.332	ng		94
58) Fluorene	10.551	166	705612	42.852	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	176735	41.305	ng		99
60) Diethylphthalate	10.416	149	746969	44.863	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	361037	44.034	ng		100
62) 4-Nitroaniline	10.557	138	160785	46.804	ng		98
63) Azobenzene	10.698	77	841538	48.495	ng		95
65) 4,6-Dinitro-2-methylph...	10.586	198	117166	51.484	ng		99
66) n-Nitrosodiphenylamine	10.657	169	632847	41.754	ng		99
67) 4-Bromophenyl-phenylether	11.027	248	220614	43.009	ng		100
68) Hexachlorobenzene	11.098	284	234176	43.678	ng		99
69) Atrazine	11.180	200	198055	47.399	ng		99
70) Pentachlorophenol	11.292	266	204090	64.730	ng		98
71) Phenanthrene	11.510	178	960622	42.033	ng		99
72) Anthracene	11.563	178	978804	41.993	ng		100
73) Carbazole	11.710	167	883073	43.388	ng		99
74) Di-n-butylphthalate	12.039	149	1091594	47.400	ng		100
75) Fluoranthene	12.698	202	947282	45.158	ng		99
77) Benzidine	12.810	184	377100	38.683	ng		99
78) Pyrene	12.927	202	930699	43.099	ng		99
80) Butylbenzylphthalate	13.539	149	369204	55.834	ng		98
81) Benzo(a)anthracene	14.110	228	748386	44.178	ng		99
82) 3,3'-Dichlorobenzidine	14.068	252	83929	14.865	ng		99
83) Chrysene	14.151	228	653785	42.925	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	492547	49.212	ng		99
85) Di-n-octyl phthalate	14.710	149	818612	45.122	ng		99
87) Indeno(1,2,3-cd)pyrene	17.168	276	846990	43.988	ng		99
88) Benzo(b)fluoranthene	15.180	252	734192	44.011	ng		99
89) Benzo(k)fluoranthene	15.215	252	644364	43.286	ng		99
90) Benzo(a)pyrene	15.562	252	682048	44.376	ng		99
91) Dibenzo(a,h)anthracene	17.186	278	685873	43.764	ng		99
92) Benzo(g,h,i)perylene	17.639	276	679318	44.809	ng		99

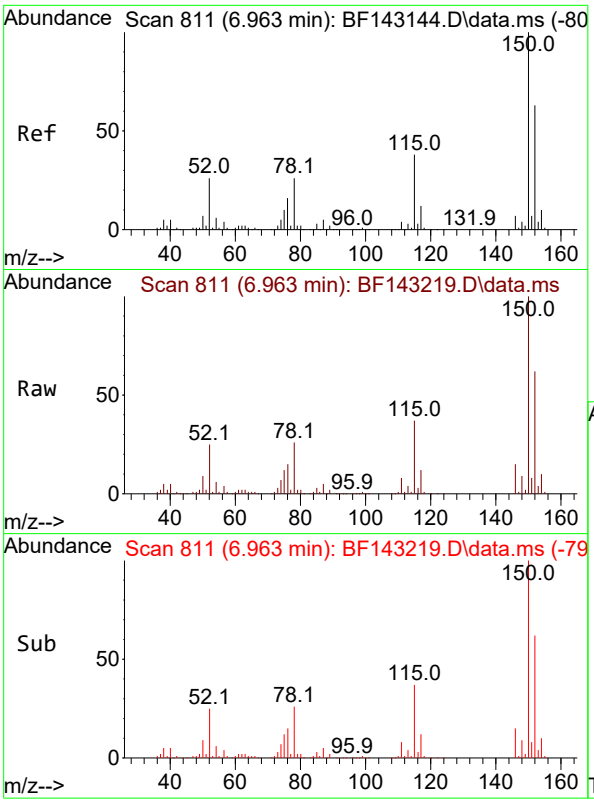
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143219.D
Acq On : 23 Jul 2025 18:56
Operator : RC/JU
Sample : Q2649-09MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Quant Time: Jul 24 01:18:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



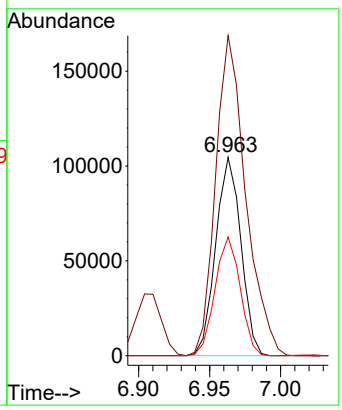


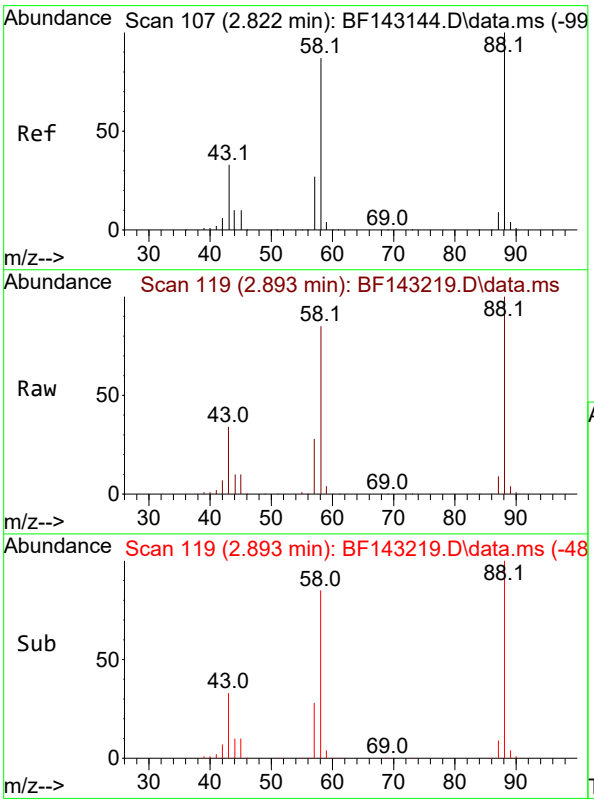
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:152 Resp: 129050

Ion	Ratio	Lower	Upper
152	100		
150	161.4	128.2	192.4
115	59.9	47.9	71.9

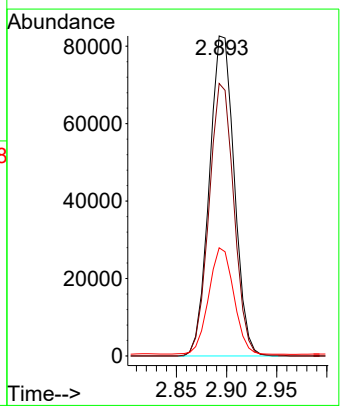


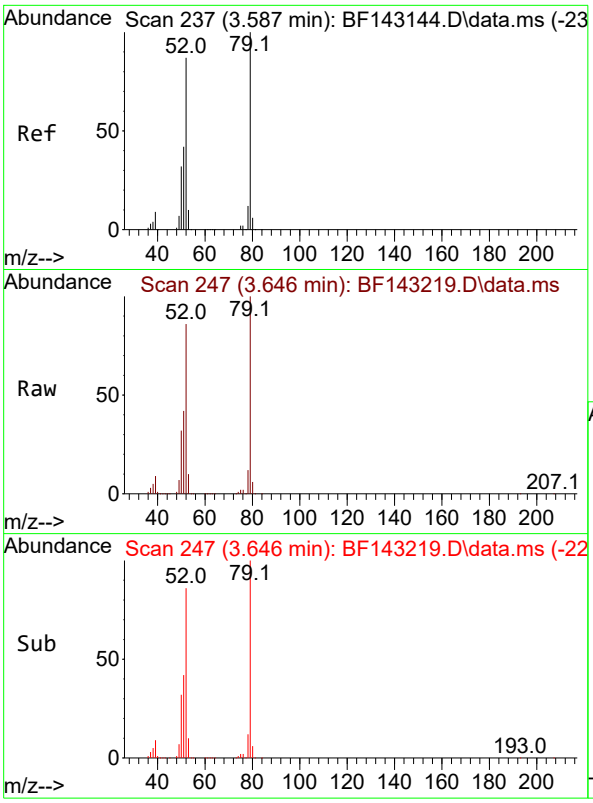


#2
1,4-Dioxane
Concen: 37.077 ng
RT: 2.893 min Scan# 119
Delta R.T. 0.071 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion: 88 Resp: 143072

Ion	Ratio	Lower	Upper
88	100		
58	84.9	70.2	105.2
43	33.6	27.1	40.7



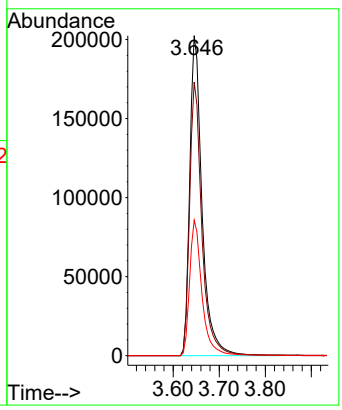


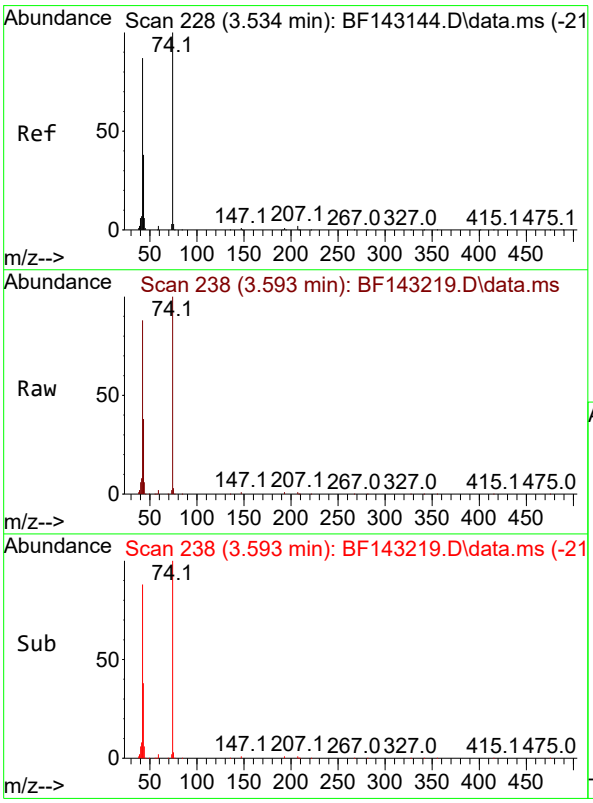
#3
Pyridine
Concen: 37.541 ng
RT: 3.646 min Scan# 24
Delta R.T. 0.059 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion: 79 Resp: 375997

Ion	Ratio	Lower	Upper
79	100		
52	85.5	69.4	104.2
51	42.3	33.5	50.3

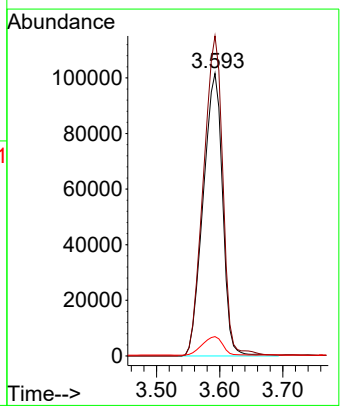


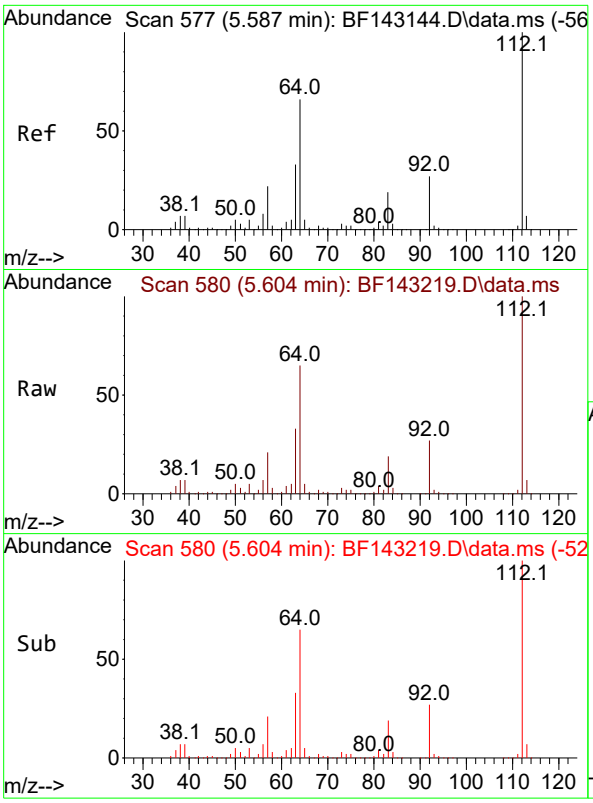


#4
n-Nitrosodimethylamine
Concen: 41.955 ng
RT: 3.593 min Scan# 238
Delta R.T. 0.059 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion: 42 Resp: 216954

Ion	Ratio	Lower	Upper
42	100		
74	113.2	91.7	137.5
44	6.8	5.6	8.4



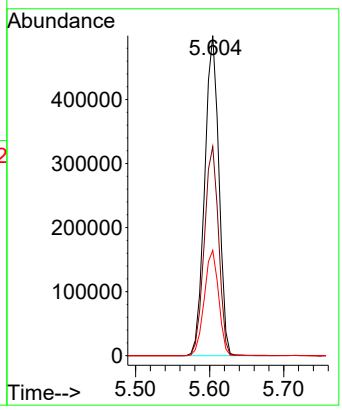


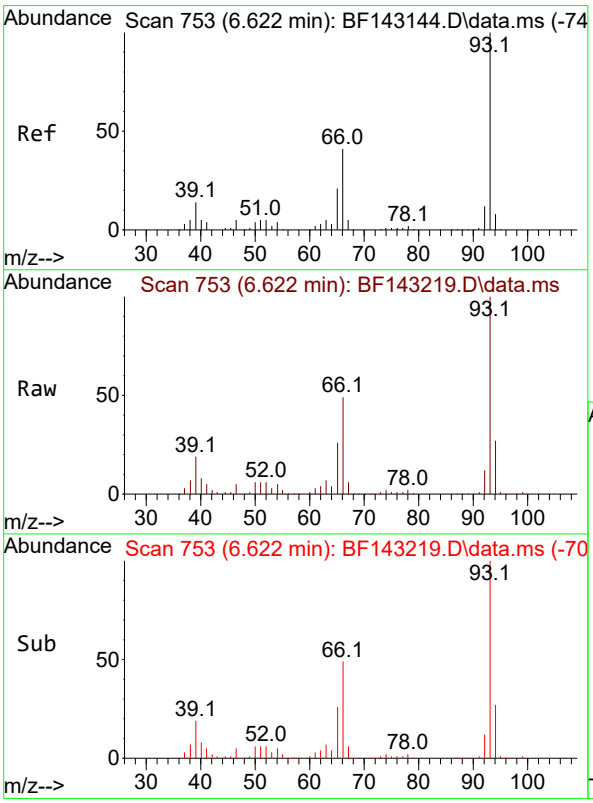
#5
2-Fluorophenol
Concen: 81.728 ng
RT: 5.604 min Scan# 5
Delta R.T. 0.018 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:112 Resp: 666494

Ion	Ratio	Lower	Upper
112	100		
64	65.3	53.1	79.7
63	32.9	26.6	40.0

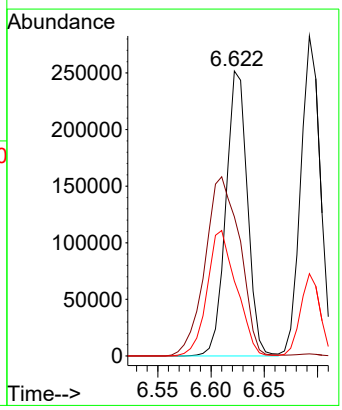


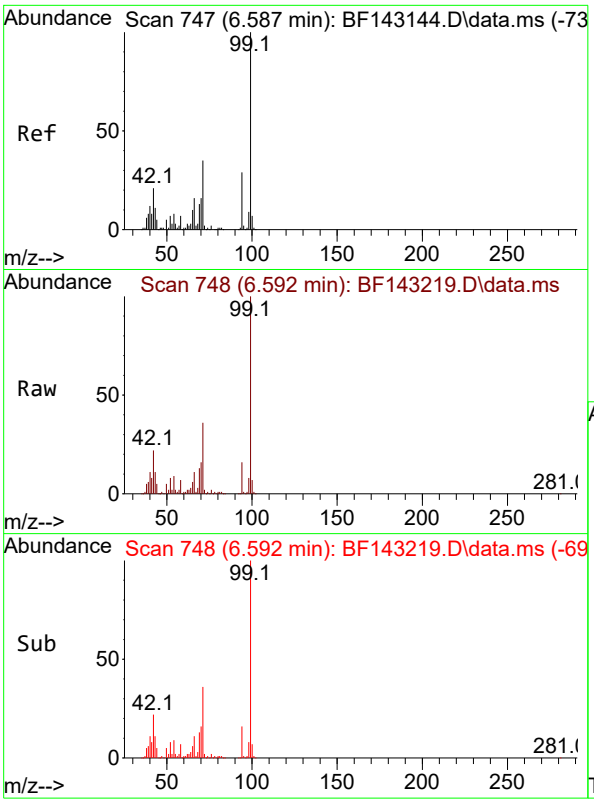


#6
Aniline
Concen: 24.761 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion: 93 Resp: 354226

Ion	Ratio	Lower	Upper
93	100		
66	48.9	33.2	49.8
65	26.3	16.9	25.3#



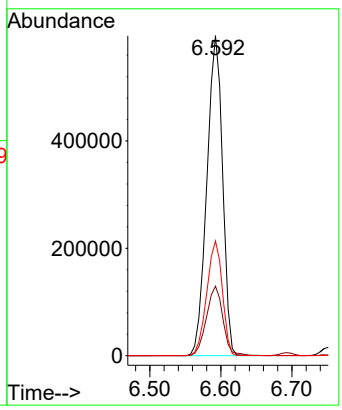


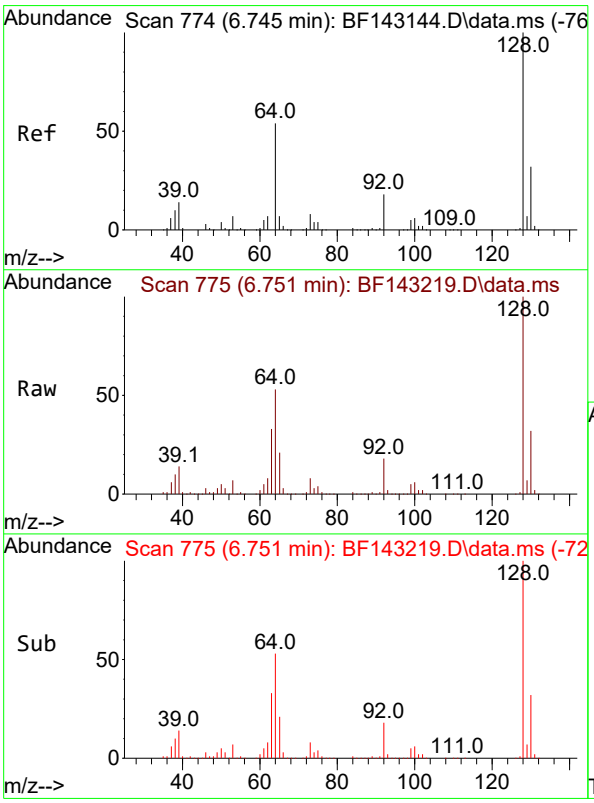
#7
Phenol-d6
Concen: 89.313 ng
RT: 6.592 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion: 99 Resp: 916762

Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.0	25.6
71	35.9	27.7	41.5

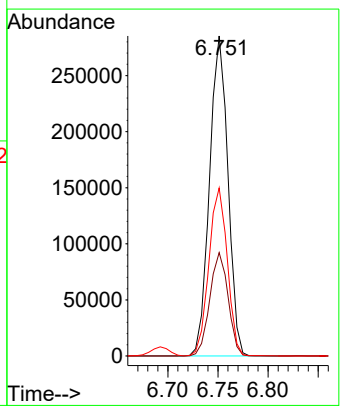


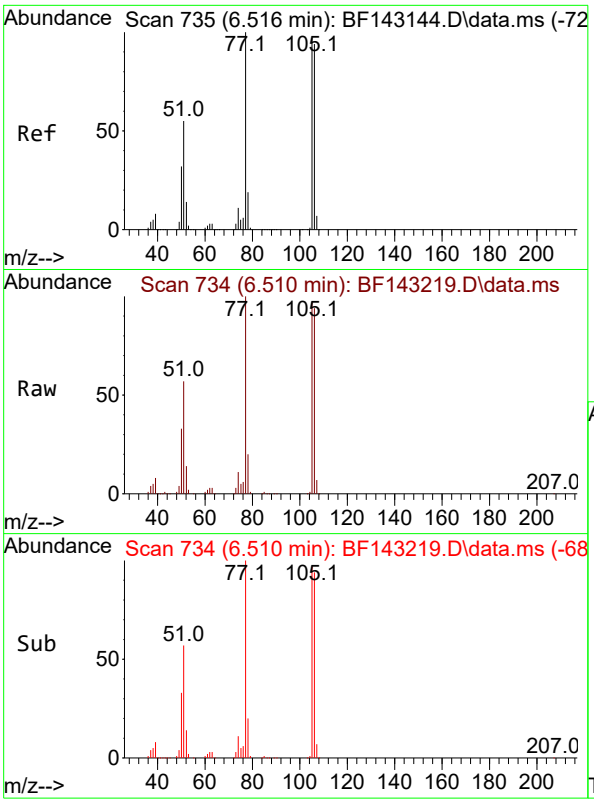


#8
2-Chlorophenol
Concen: 42.579 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:128 Resp: 363972

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.3	52.3
64	52.5	35.9	75.9



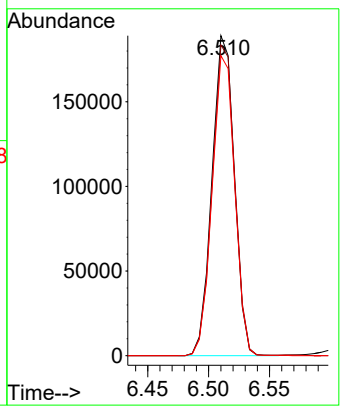


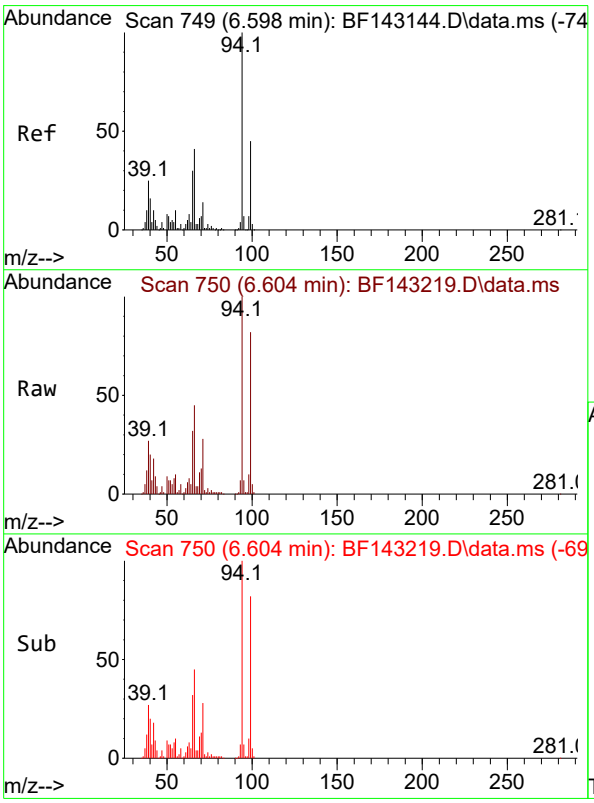
#9
Benzaldehyde
Concen: 31.302 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion: 77 Resp: 240931

Ion	Ratio	Lower	Upper
77	100		
105	97.1	76.8	116.8
106	93.8	74.4	114.4

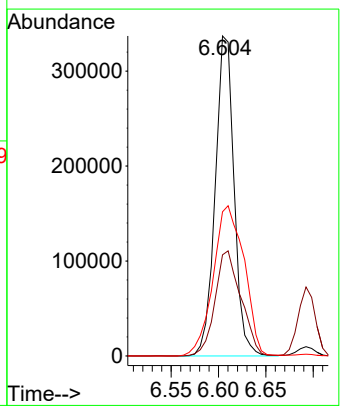


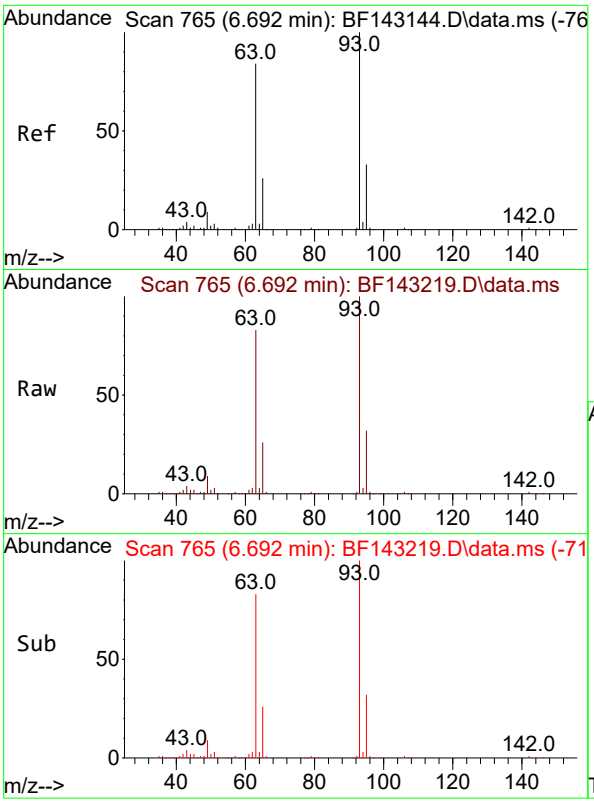


#10
Phenol
Concen: 41.869 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion: 94 Resp: 468191

Ion	Ratio	Lower	Upper
94	100		
65	31.6	10.0	50.0
66	45.0	20.8	60.8



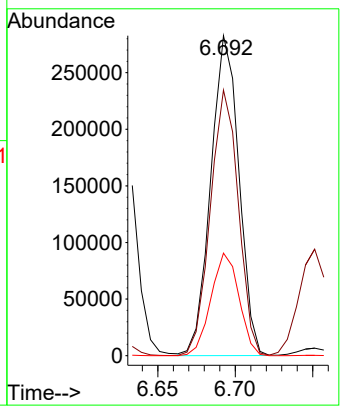


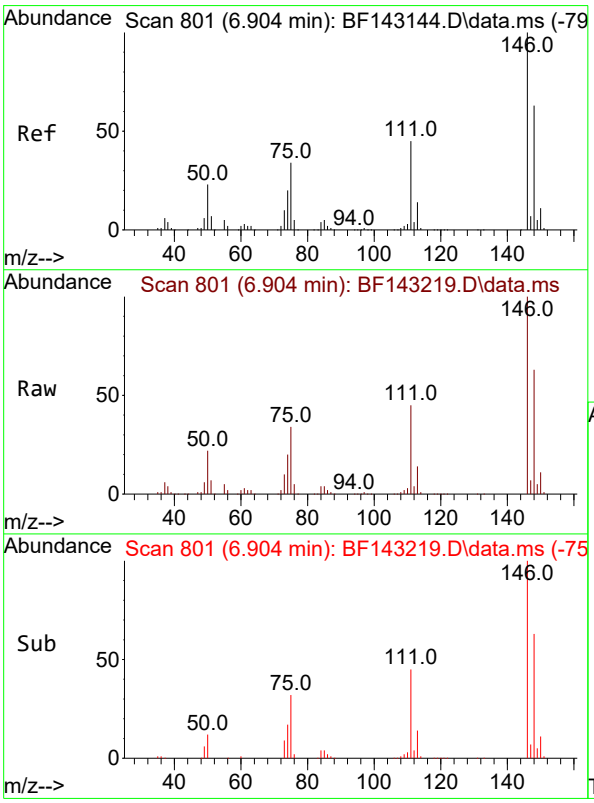
#11
bis(2-Chloroethyl)ether
Concen: 41.720 ng
RT: 6.692 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion: 93 Resp: 357203

Ion	Ratio	Lower	Upper
93	100		
63	83.0	63.4	103.4
95	32.0	12.4	52.4

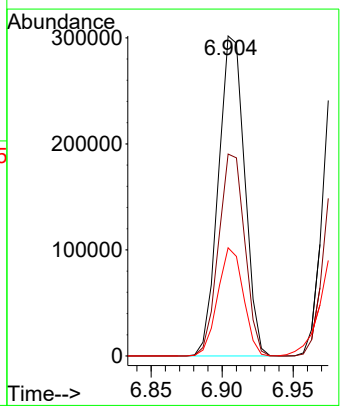


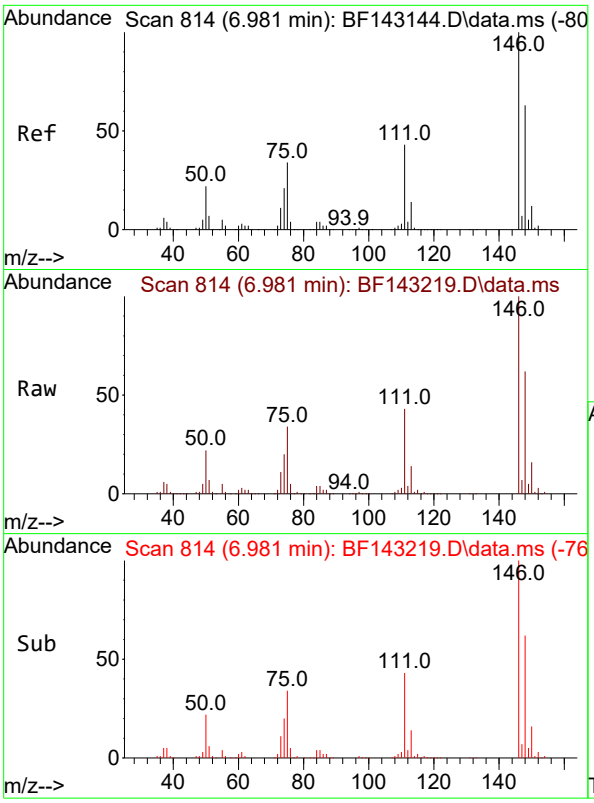


#12
1,3-Dichlorobenzene
Concen: 41.666 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:146 Resp: 386913

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	76.0
75	33.8	27.4	41.2



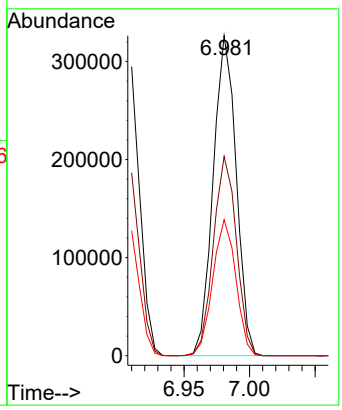


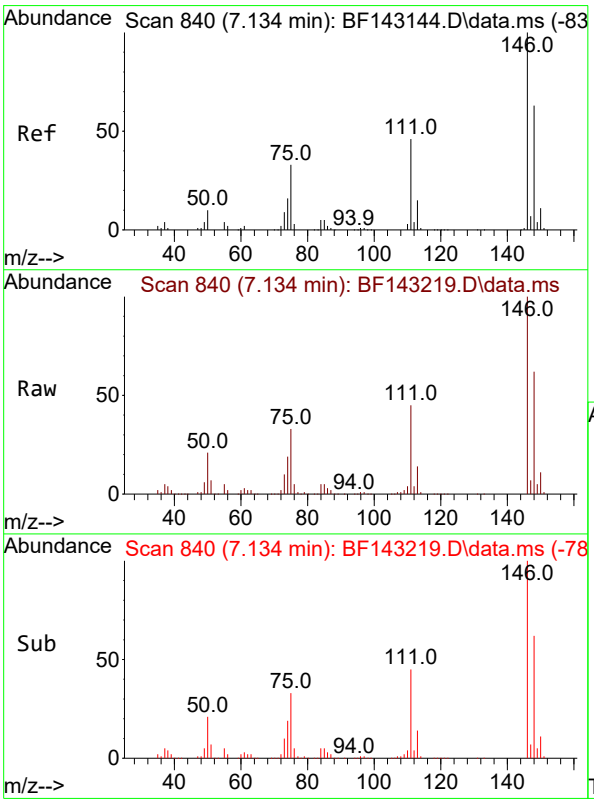
#13
1,4-Dichlorobenzene
Concen: 42.512 ng
RT: 6.981 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:146 Resp: 397555

Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.3	75.5
111	42.5	34.4	51.6

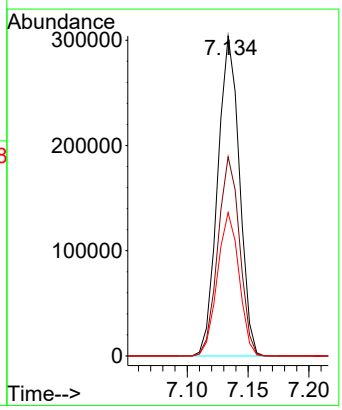


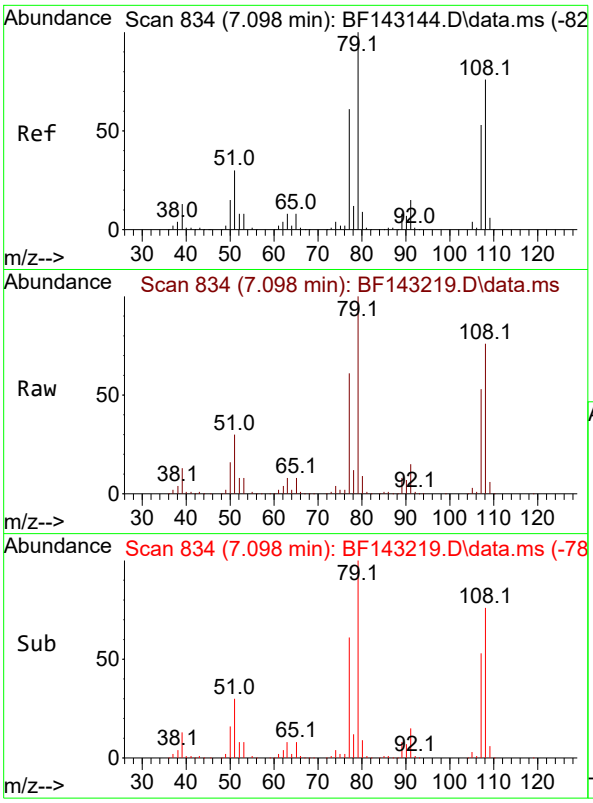


#14
1,2-Dichlorobenzene
Concen: 42.464 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:146 Resp: 377692

Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.7	76.1
111	44.8	36.6	54.8



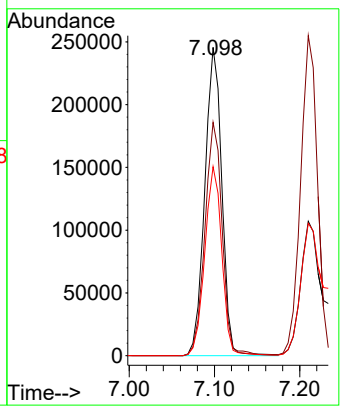


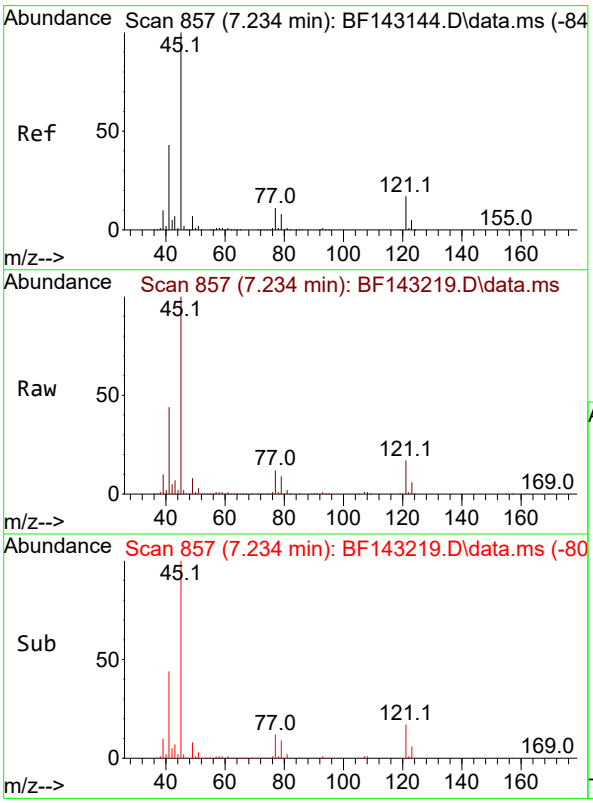
#15
Benzyl Alcohol
Concen: 43.553 ng
RT: 7.098 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion: 79 Resp: 341349

Ion	Ratio	Lower	Upper
79	100		
108	75.6	61.1	91.7
77	61.3	48.9	73.3

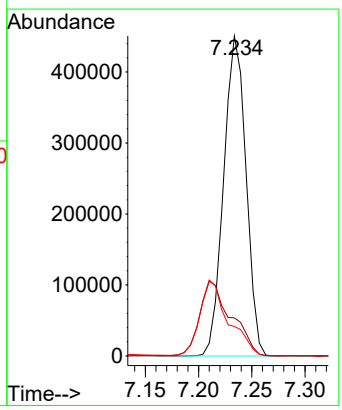


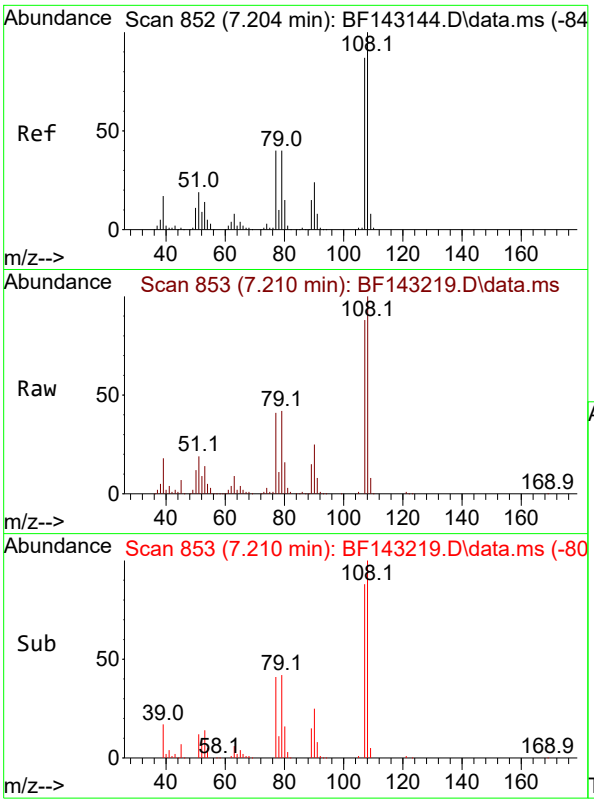


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.398 ng
RT: 7.234 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion: 45 Resp: 657511

Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	31.2
79	9.2	0.0	28.5



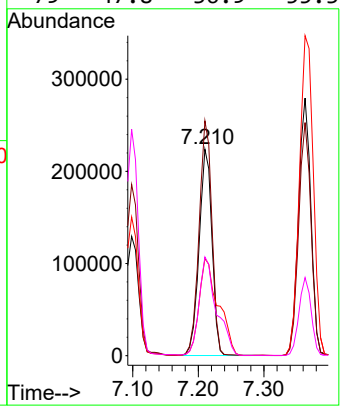


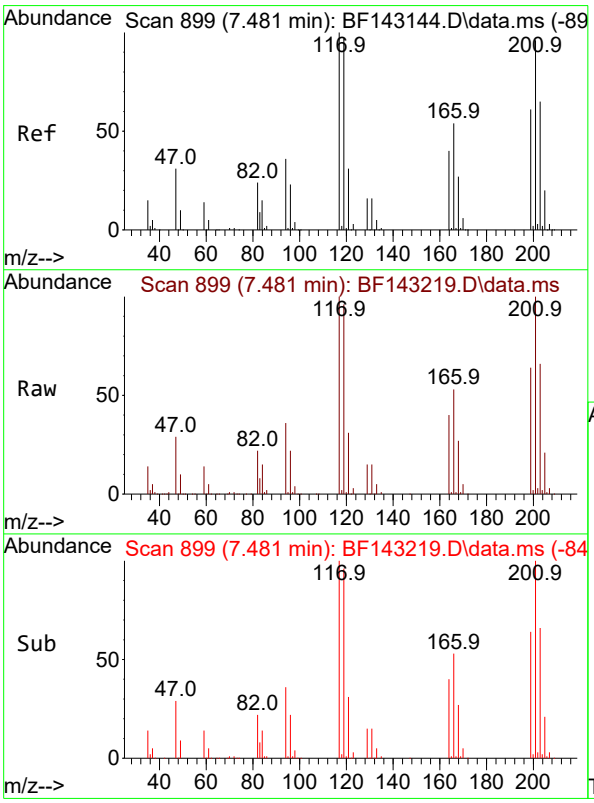
#17
2-Methylphenol
Concen: 42.633 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:107 Resp: 306419

Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.8	137.6
77	47.0	37.0	55.6
79	47.8	36.9	55.3

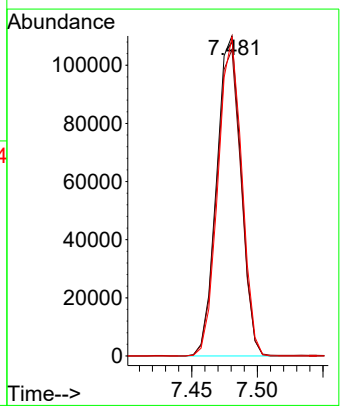


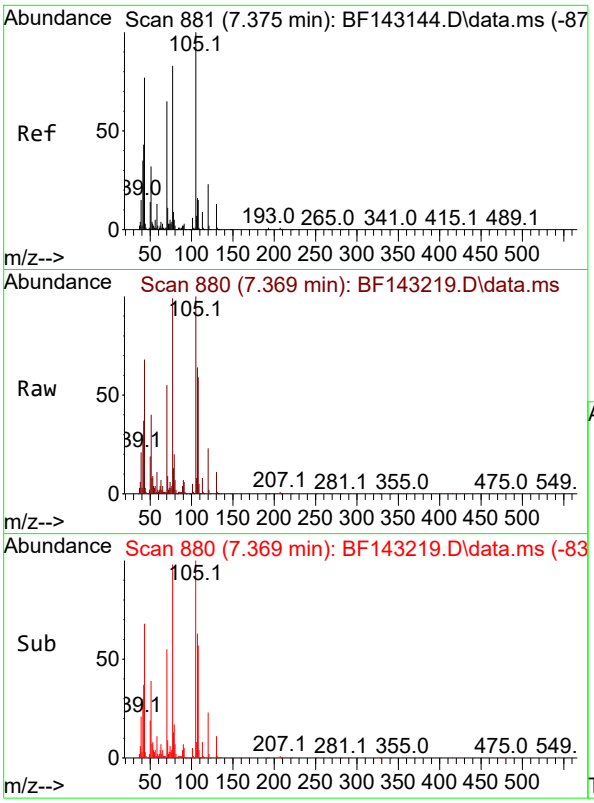


#18
Hexachloroethane
Concen: 44.007 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:117 Resp: 142466

Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.8	116.8
201	99.6	77.0	115.4



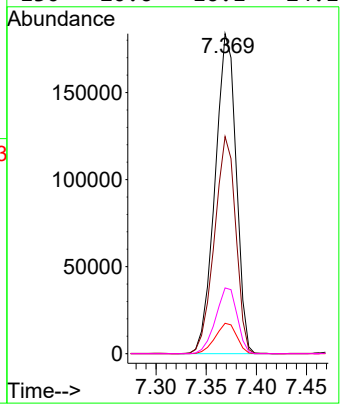


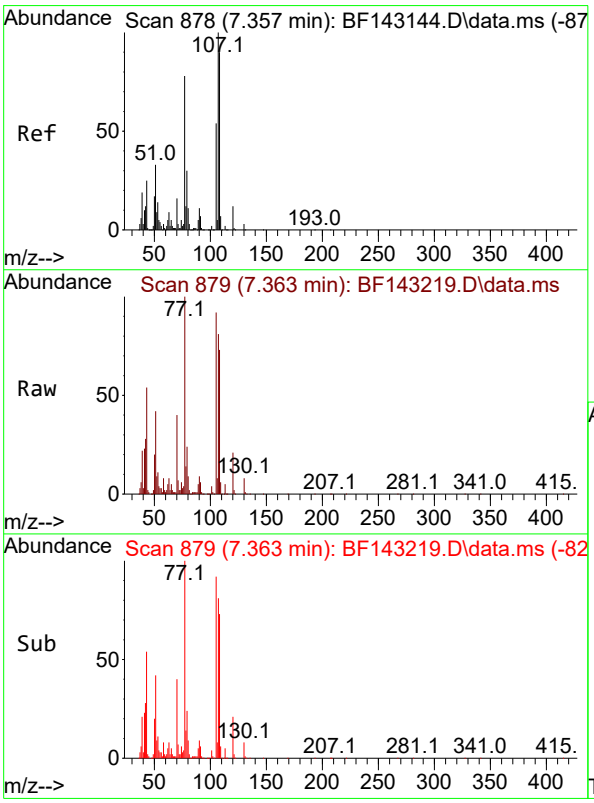
#19
n-Nitroso-di-n-propylamine
Concen: 40.847 ng
RT: 7.369 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion: 70 Resp: 268994

Ion	Ratio	Lower	Upper
70	100		
42	67.8	52.5	78.7
101	9.5	7.6	11.4
130	20.6	16.1	24.1

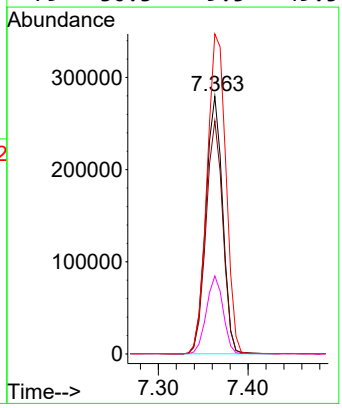


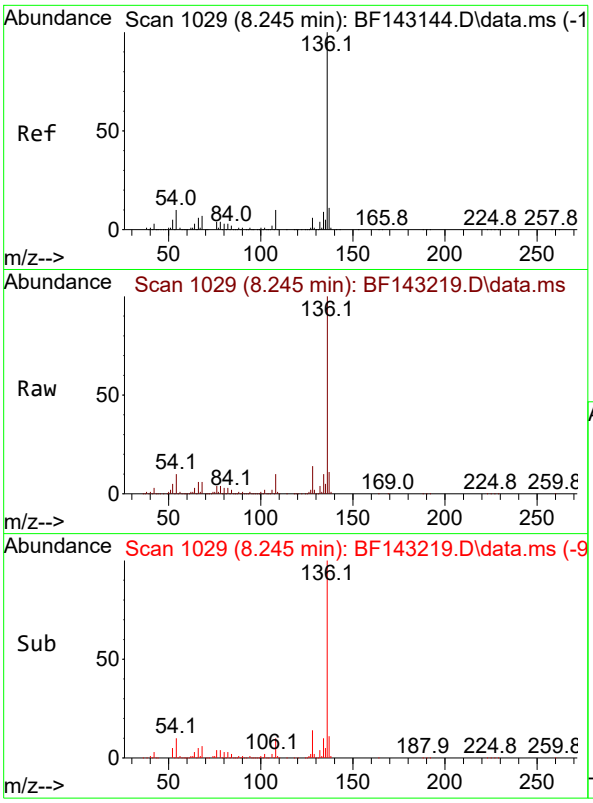


#20
3+4-Methylphenols
Concen: 41.879 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:107 Resp: 365199

Ion	Ratio	Lower	Upper
107	100		
108	90.5	70.0	110.0
77	124.2	57.8	97.8#
79	30.3	9.5	49.5



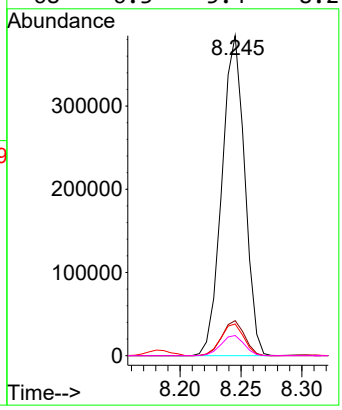


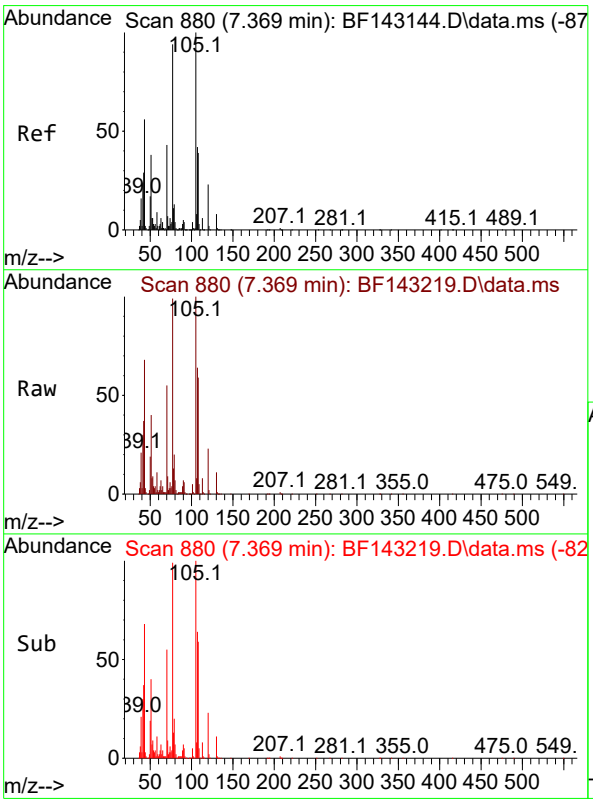
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:136 Resp: 500596

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.9	8.2	12.2
68	6.3	5.4	8.2

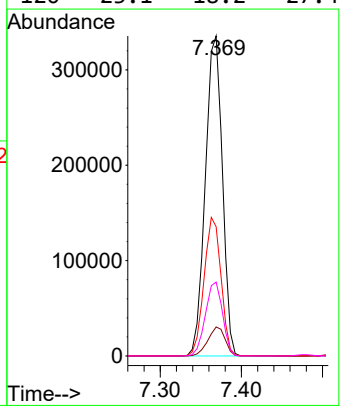


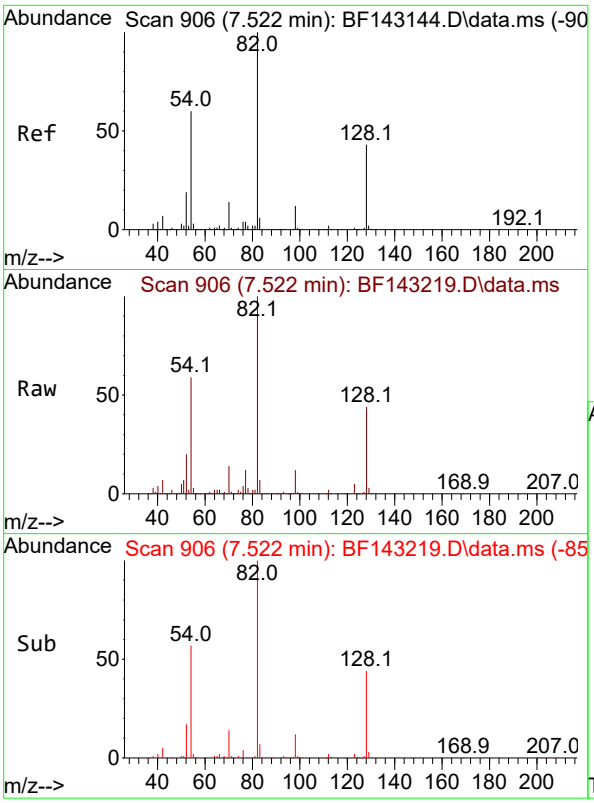


#22
Acetophenone
Concen: 41.214 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:105 Resp: 488458

Ion	Ratio	Lower	Upper
105	100		
71	9.1	5.8	8.6#
51	40.4	30.2	45.2
120	23.1	18.2	27.4



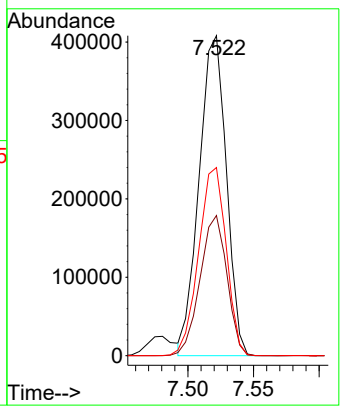


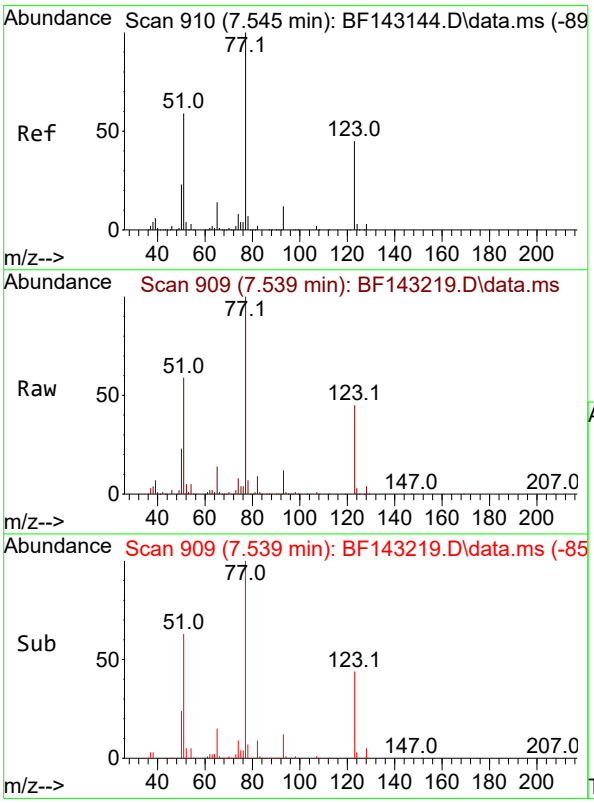
#23
Nitrobenzene-d5
Concen: 58.848 ng
RT: 7.522 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion: 82 Resp: 590990

Ion	Ratio	Lower	Upper
82	100		
128	43.8	33.6	50.4
54	58.8	47.1	70.7

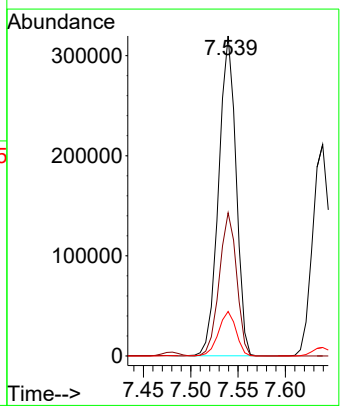


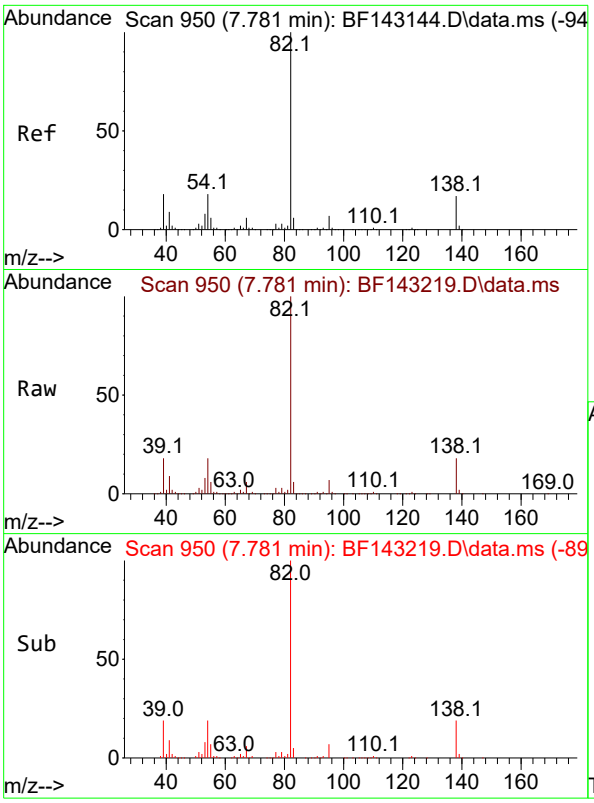


#24
Nitrobenzene
Concen: 43.691 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion: 77 Resp: 409071

Ion	Ratio	Lower	Upper
77	100		
123	44.7	36.1	54.1
65	13.9	11.4	17.2



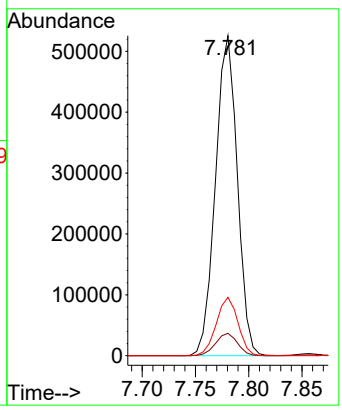


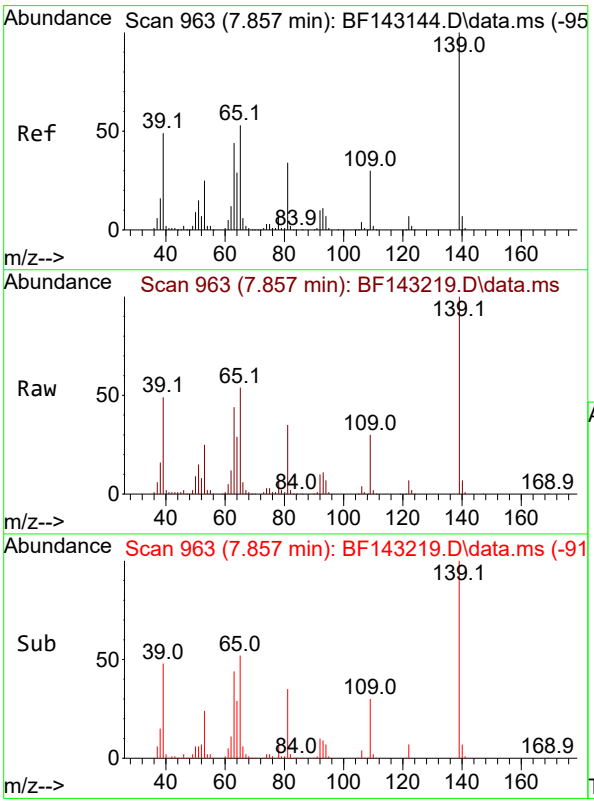
#25
Isophorone
Concen: 42.254 ng
RT: 7.781 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion: 82 Resp: 749097

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.5	8.3
138	18.3	13.8	20.8

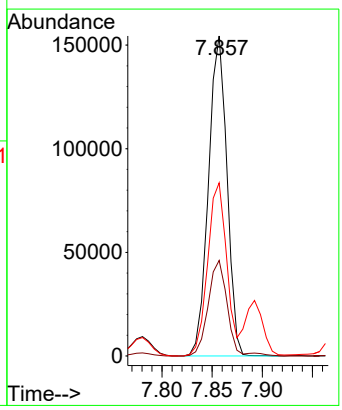


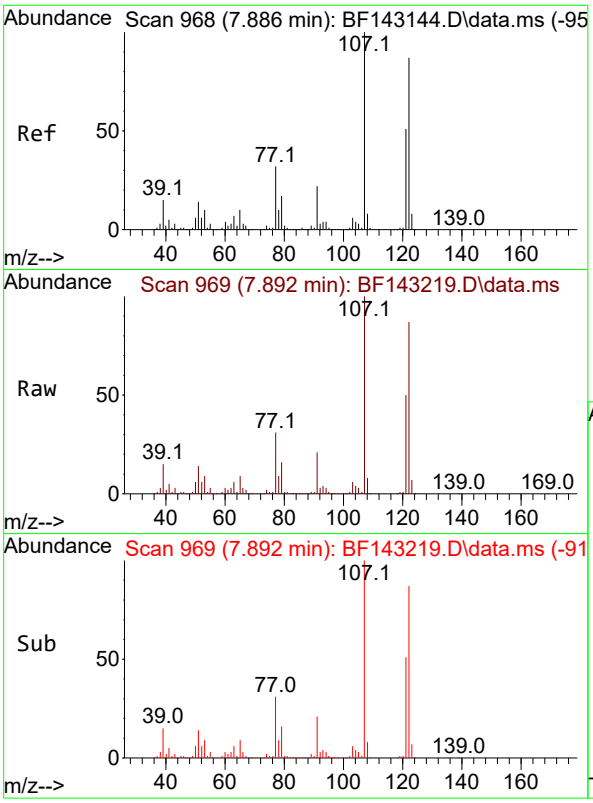


#26
2-Nitrophenol
Concen: 48.734 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:139 Resp: 198030

Ion	Ratio	Lower	Upper
139	100		
109	29.9	23.6	35.4
65	54.1	42.6	64.0



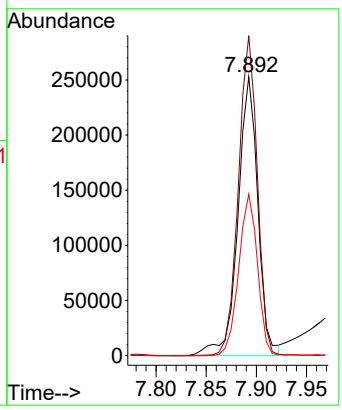


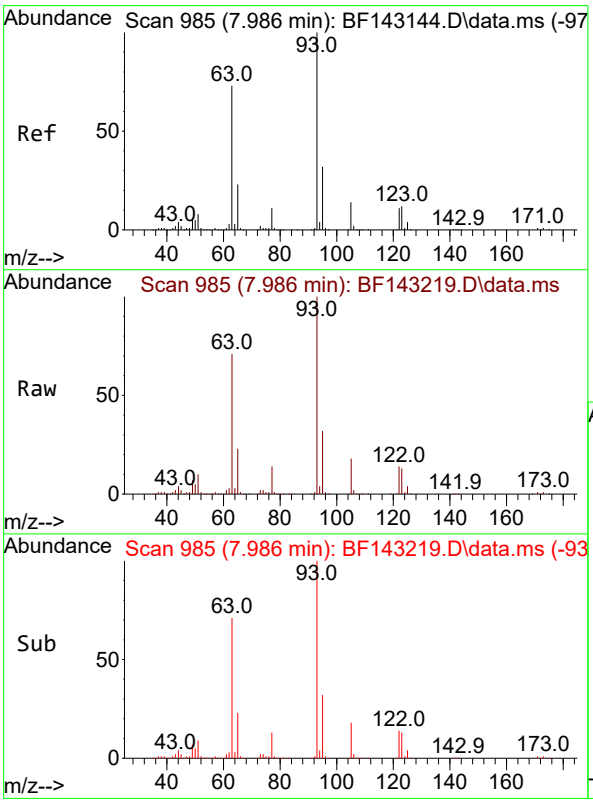
#27
2,4-Dimethylphenol
Concen: 42.337 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:122 Resp: 350676

Ion	Ratio	Lower	Upper
122	100		
107	114.7	91.8	137.6
121	57.9	46.3	69.5

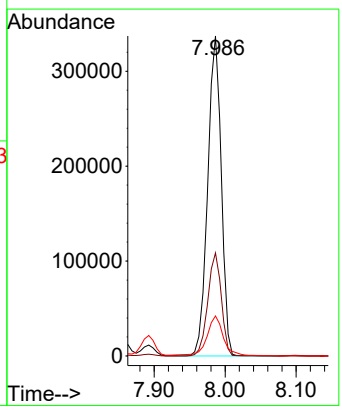


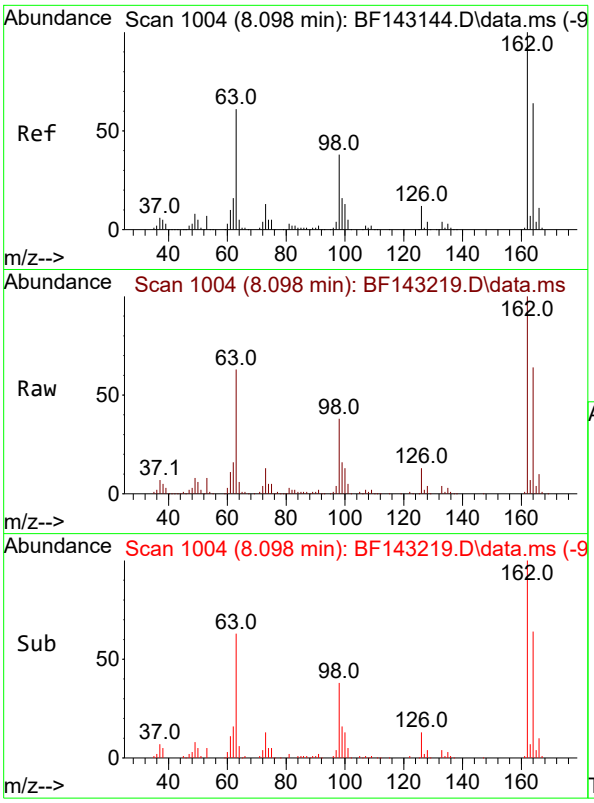


#28
bis(2-Chloroethoxy)methane
Concen: 42.111 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion: 93 Resp: 447620

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.8	38.6
123	12.5	9.7	14.5



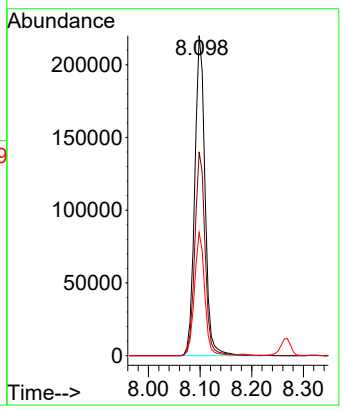


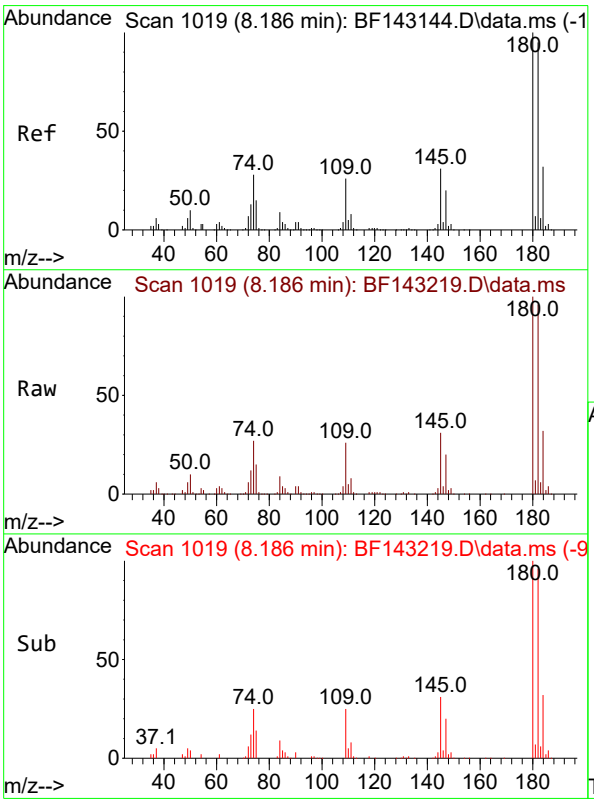
#29
2,4-Dichlorophenol
Concen: 43.659 ng
RT: 8.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:162 Resp: 304971

Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.2	84.2
98	38.5	17.9	57.9

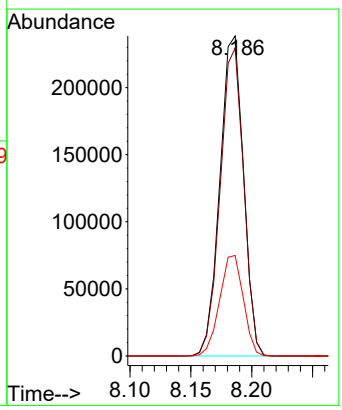


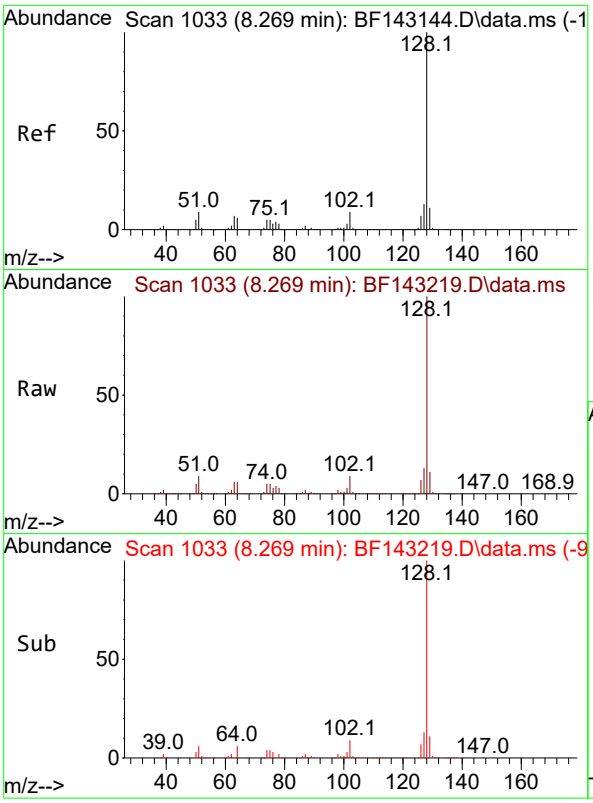


#30
1,2,4-Trichlorobenzene
Concen: 42.664 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:180 Resp: 321967

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.2	114.2
145	31.4	25.0	37.6



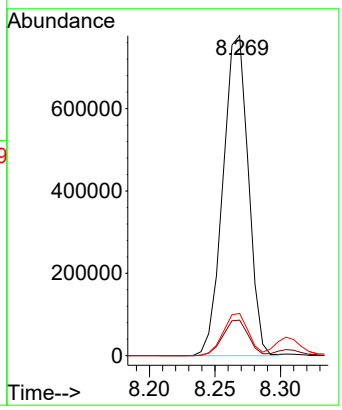


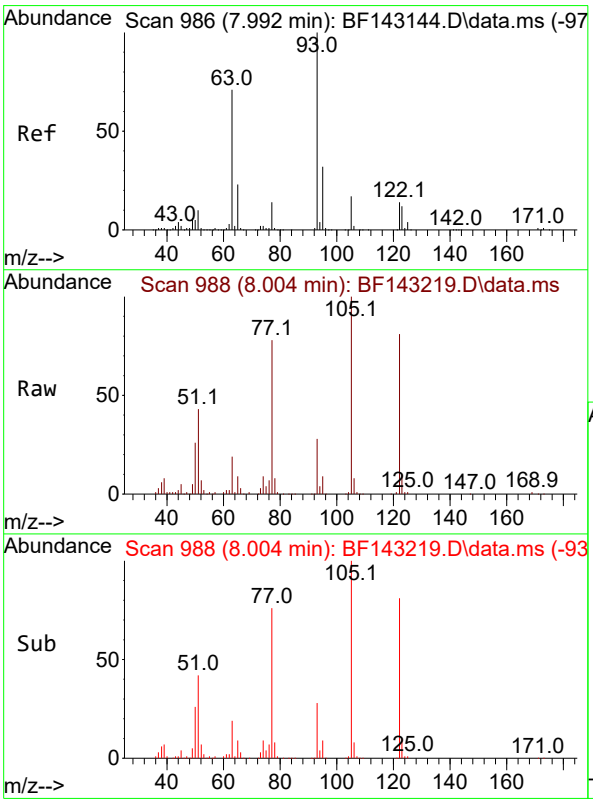
#31
Naphthalene
Concen: 42.382 ng
RT: 8.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:128 Resp: 1044863

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.2	10.6	16.0

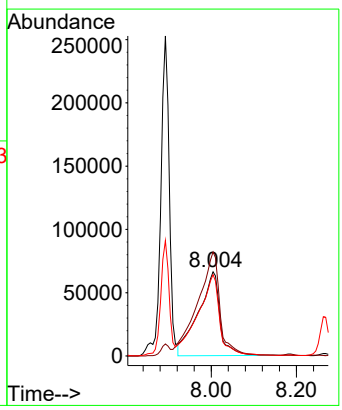


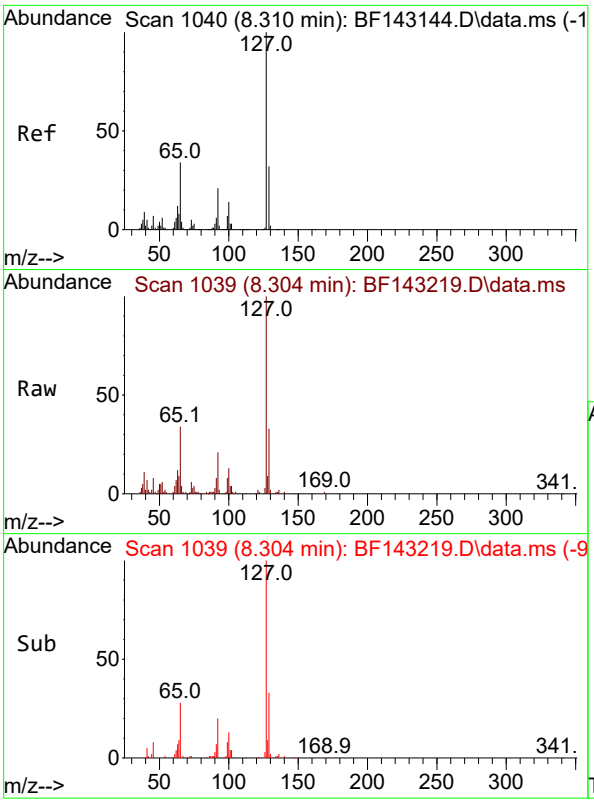


#32
Benzoic acid
Concen: 49.997 ng
RT: 8.004 min Scan# 988
Delta R.T. 0.012 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:122 Resp: 234401

Ion	Ratio	Lower	Upper
122	100		
105	123.6	104.8	144.8
77	96.6	77.6	117.6



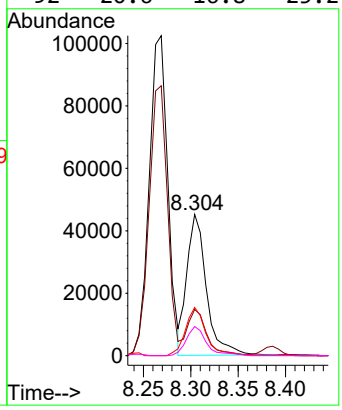


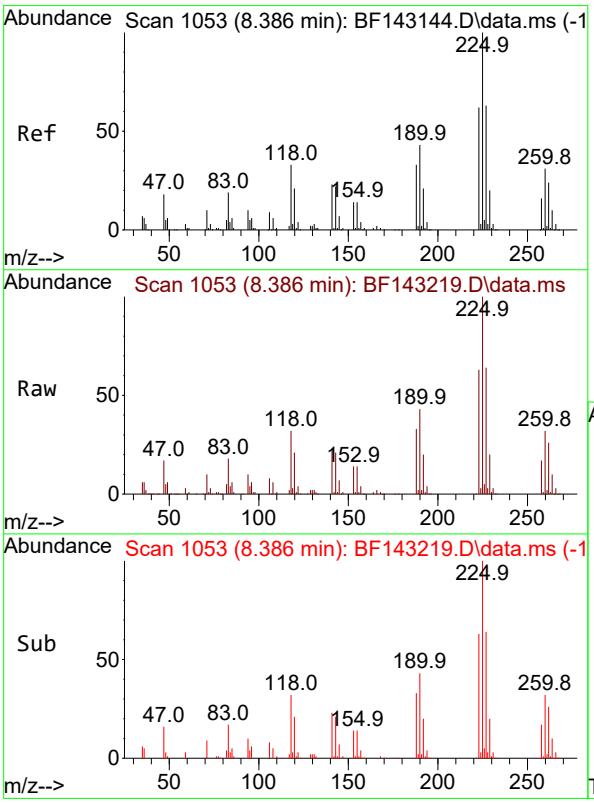
#33
4-Chloroaniline
Concen: 6.458 ng
RT: 8.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:127 Resp: 65013

Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.0	39.0
65	34.1	27.4	41.2
92	20.6	16.8	25.2

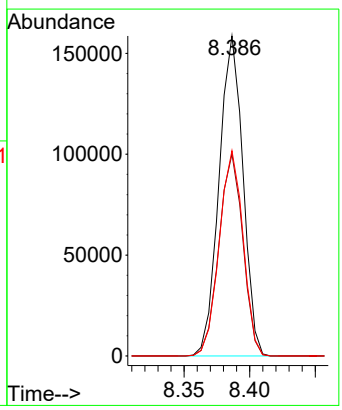


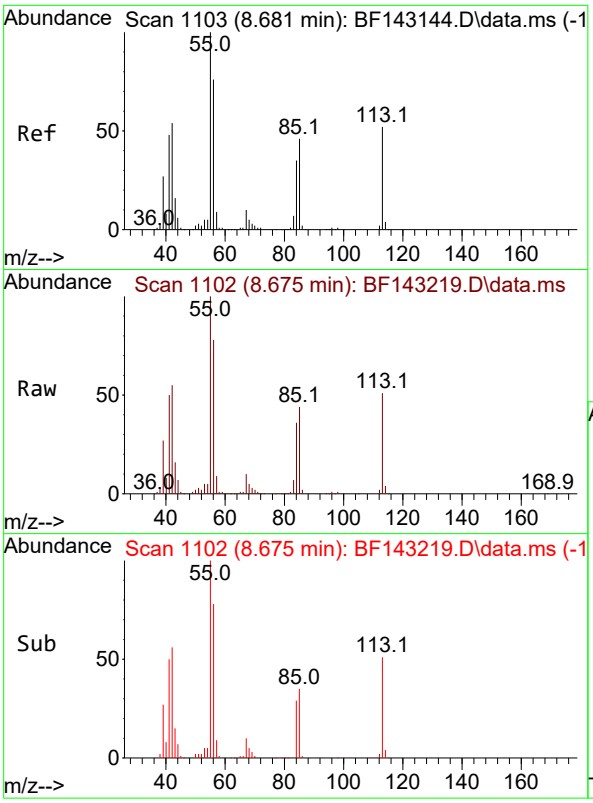


#34
Hexachlorobutadiene
Concen: 43.575 ng
RT: 8.386 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:225 Resp: 200881

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.6
227	64.2	50.2	75.4



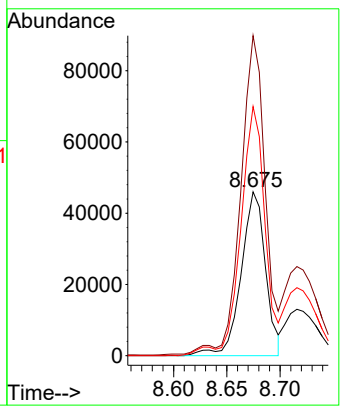


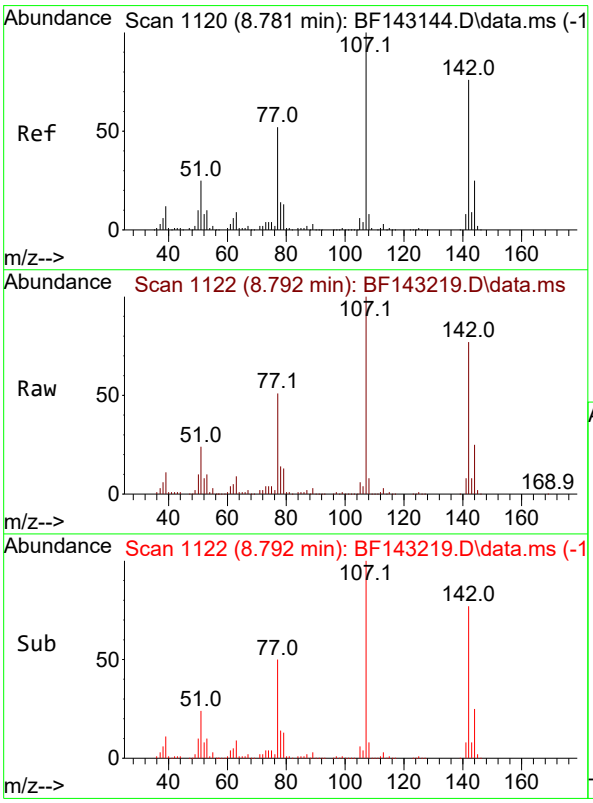
#35
Caprolactam
Concen: 34.717 ng
RT: 8.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:113 Resp: 73281

Ion	Ratio	Lower	Upper
113	100		
55	195.2	174.0	214.0
56	152.0	126.6	166.6

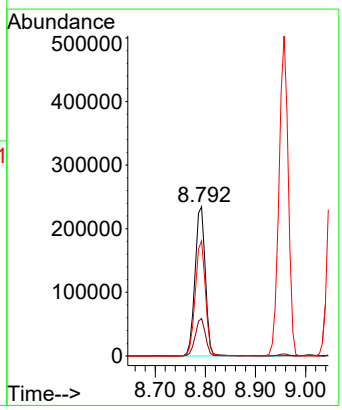


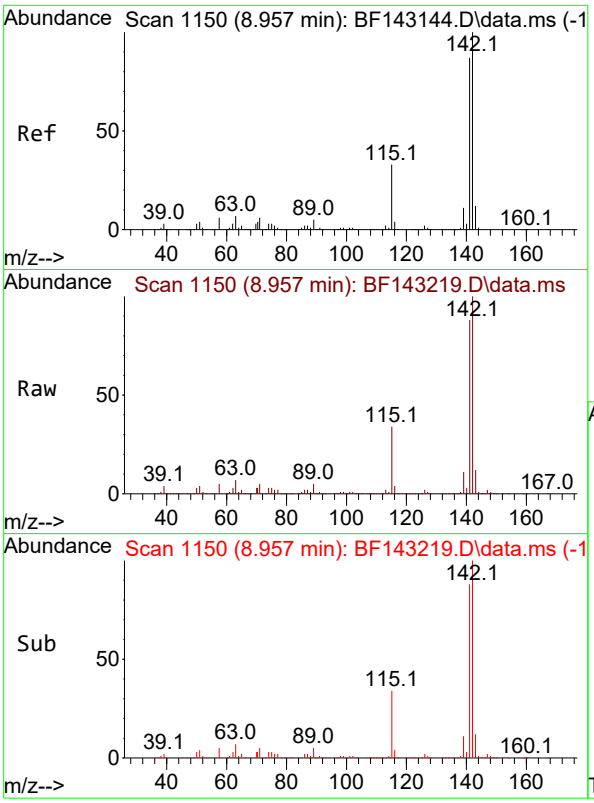


#36
4-Chloro-3-methylphenol
Concen: 44.285 ng
RT: 8.792 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:107 Resp: 336225

Ion	Ratio	Lower	Upper
107	100		
144	25.1	19.8	29.6
142	77.0	60.6	90.8



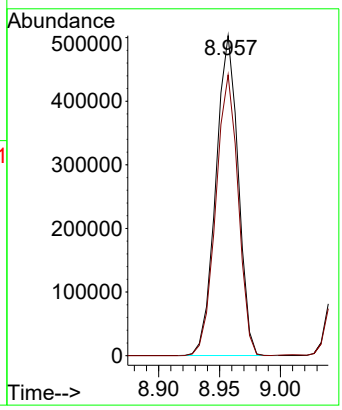


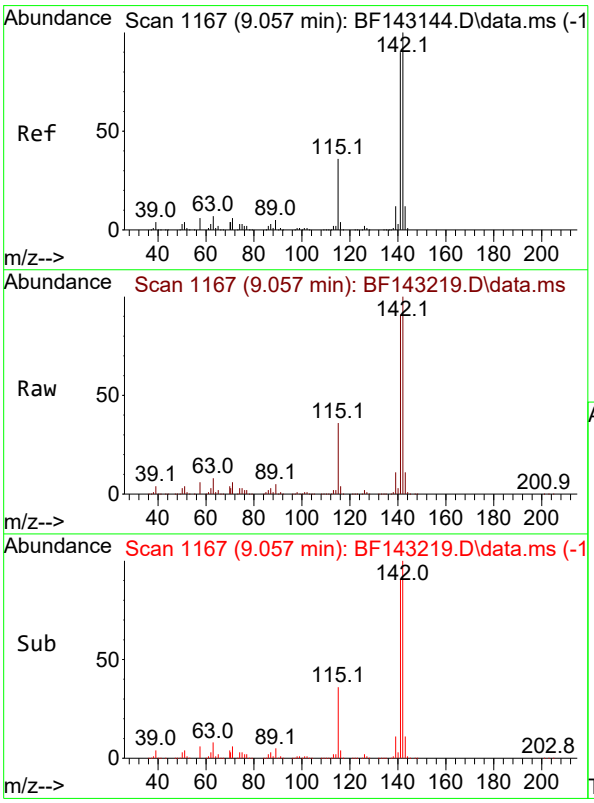
#37
2-Methylnaphthalene
Concen: 42.865 ng
RT: 8.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:142 Resp: 643071

Ion	Ratio	Lower	Upper
142	100		
141	87.8	69.9	104.9

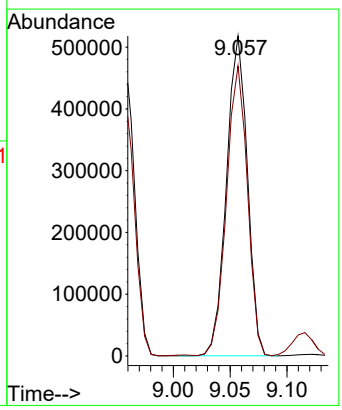


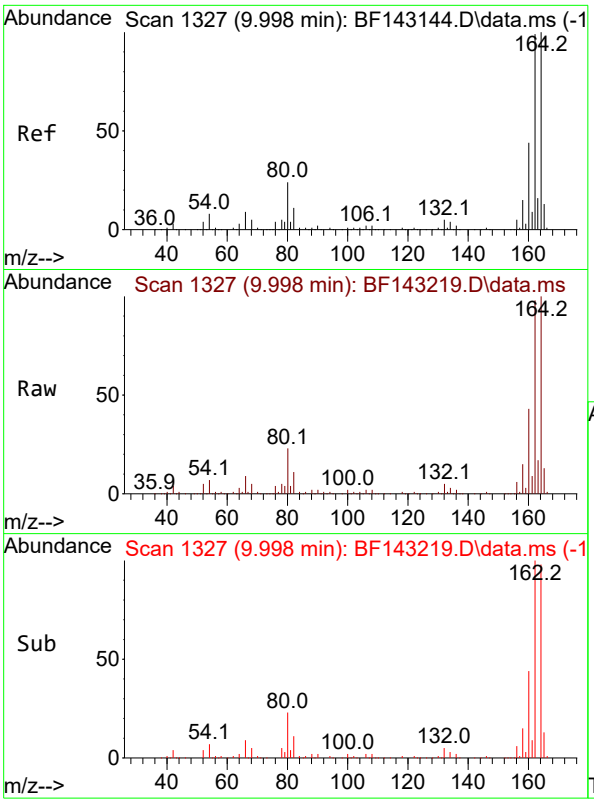


#38
1-Methylnaphthalene
Concen: 42.942 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:142 Resp: 663384

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.3	108.5



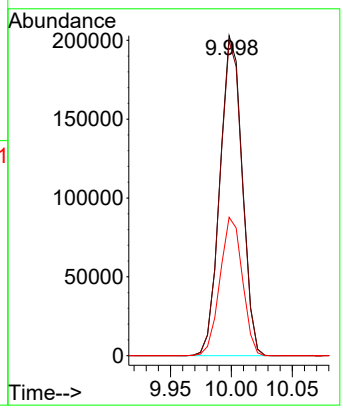


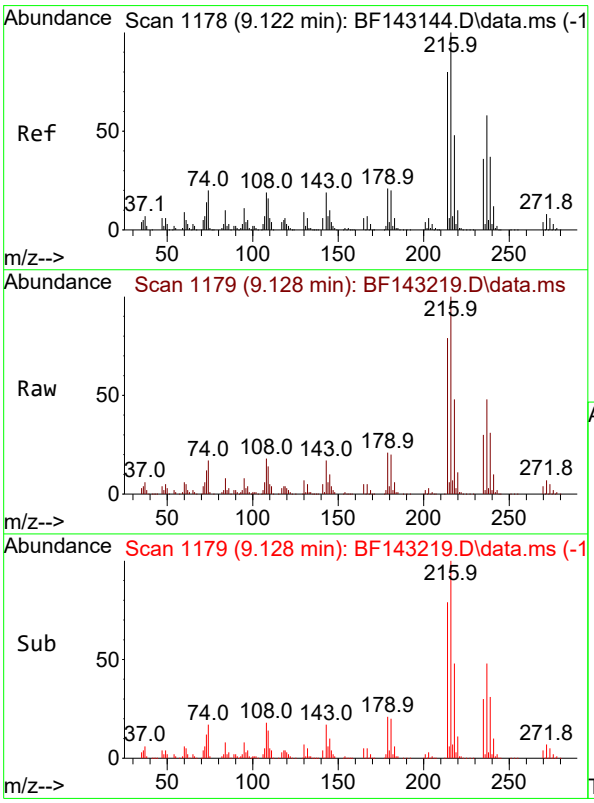
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:164 Resp: 258431

Ion	Ratio	Lower	Upper
164	100		
162	98.4	79.0	118.6
160	43.3	35.1	52.7

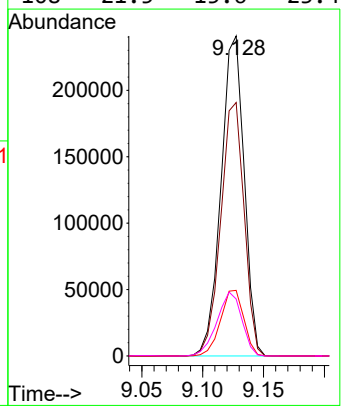


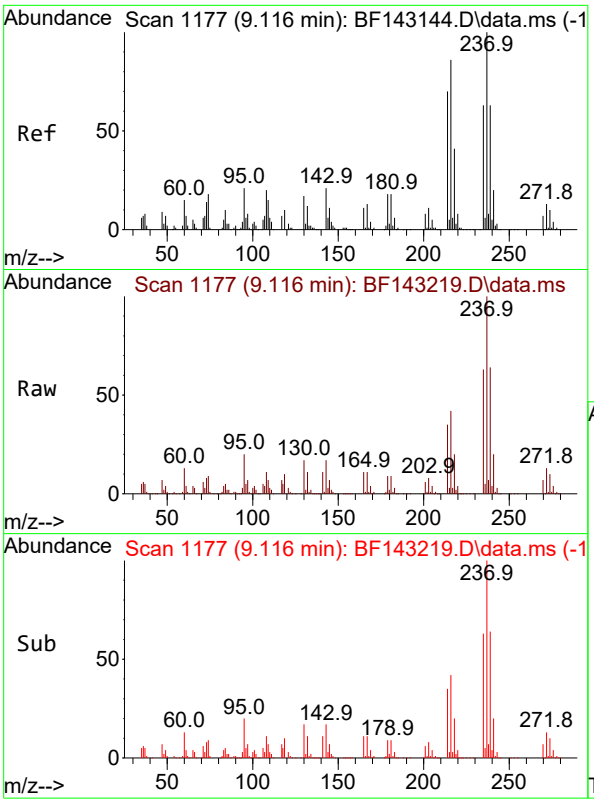


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.743 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:216 Resp: 318910

Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.8	95.8
179	20.7	16.4	24.6
108	21.5	15.6	23.4



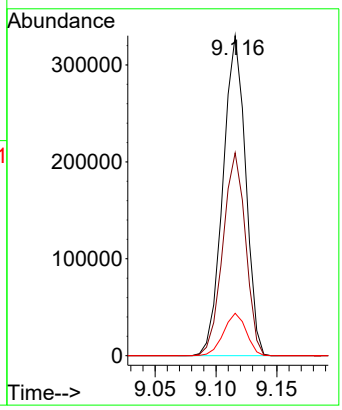


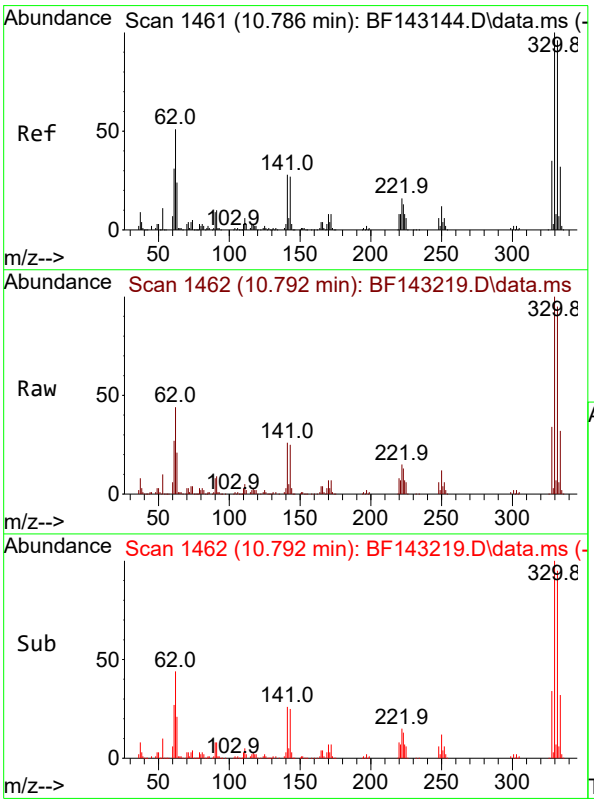
#41
Hexachlorocyclopentadiene
Concen: 88.068 ng
RT: 9.116 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:237 Resp: 427550

Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.0	83.0
272	13.3	0.0	33.3

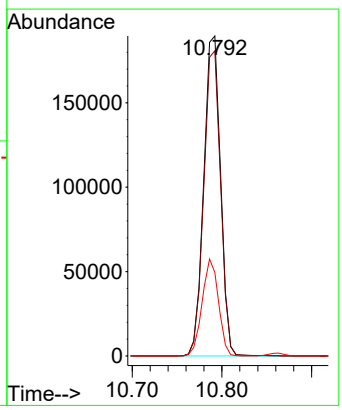


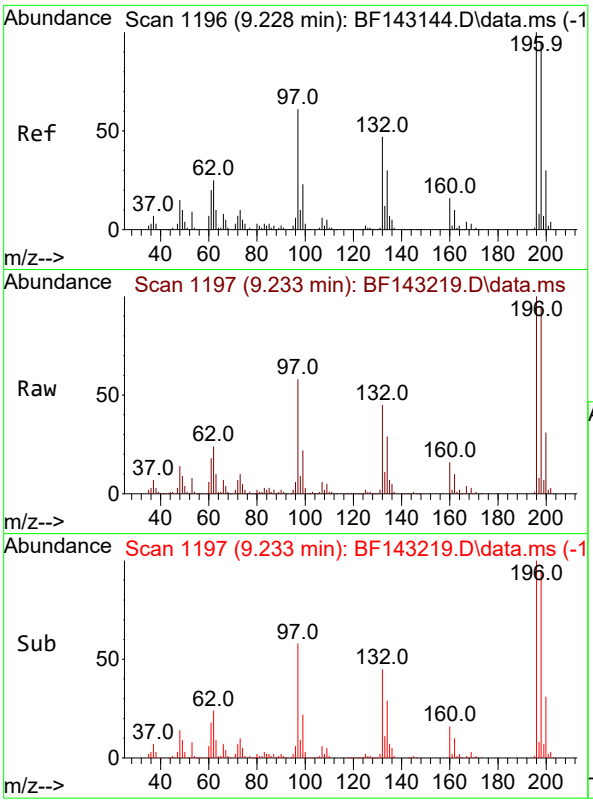


#42
2,4,6-Tribromophenol
Concen: 92.370 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:330 Resp: 246605

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.7	115.1
141	29.4	23.3	34.9



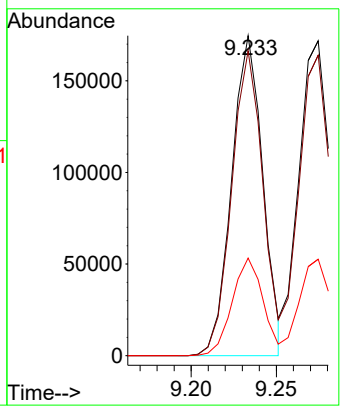


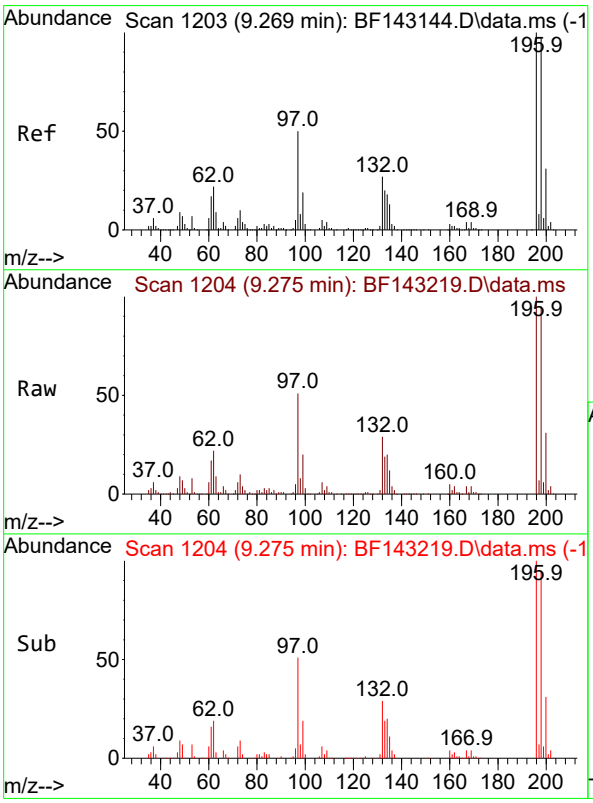
#43
2,4,6-Trichlorophenol
Concen: 42.946 ng
RT: 9.233 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:196 Resp: 221765

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
200	30.5	23.9	35.9

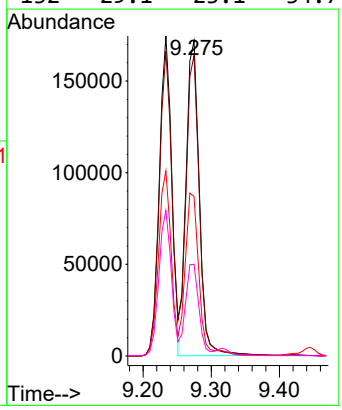


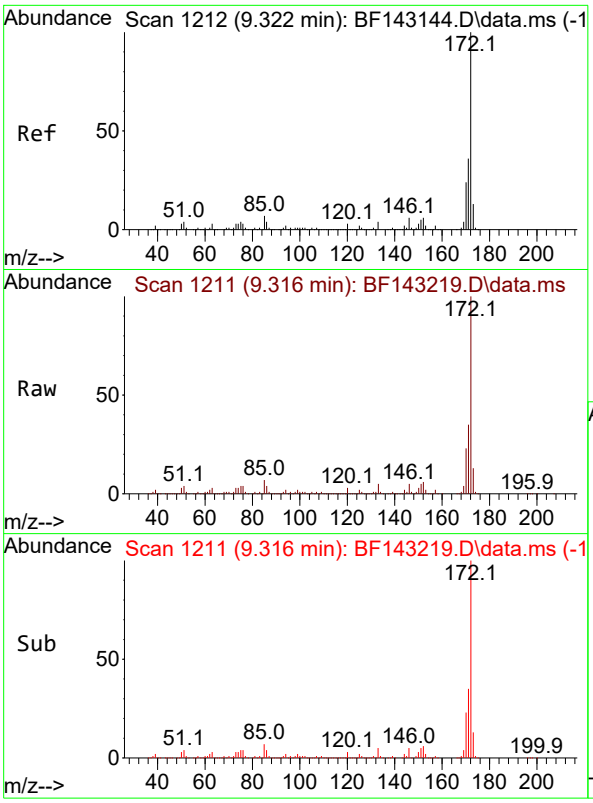


#44
2,4,5-Trichlorophenol
Concen: 44.986 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:196 Resp: 232369

Ion	Ratio	Lower	Upper
196	100		
198	95.5	77.3	115.9
97	50.7	40.3	60.5
132	29.1	23.1	34.7



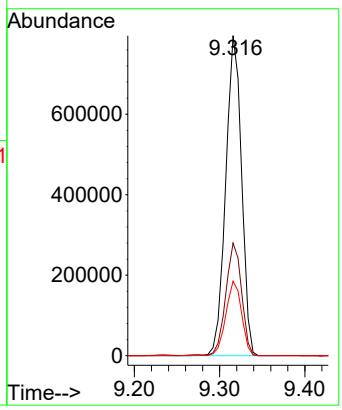


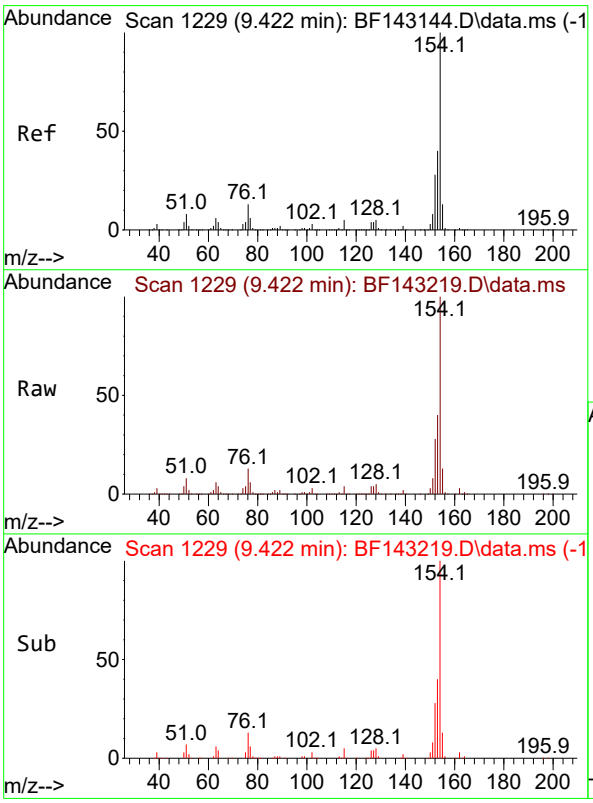
#45
2-Fluorobiphenyl
Concen: 54.278 ng
RT: 9.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:172 Resp: 1025654

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	23.3	18.8	28.2

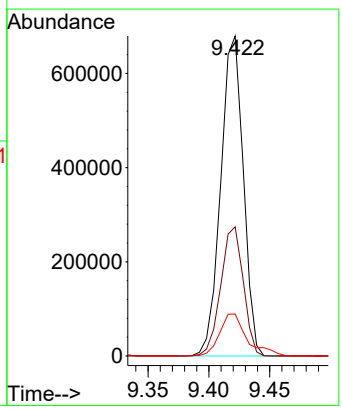


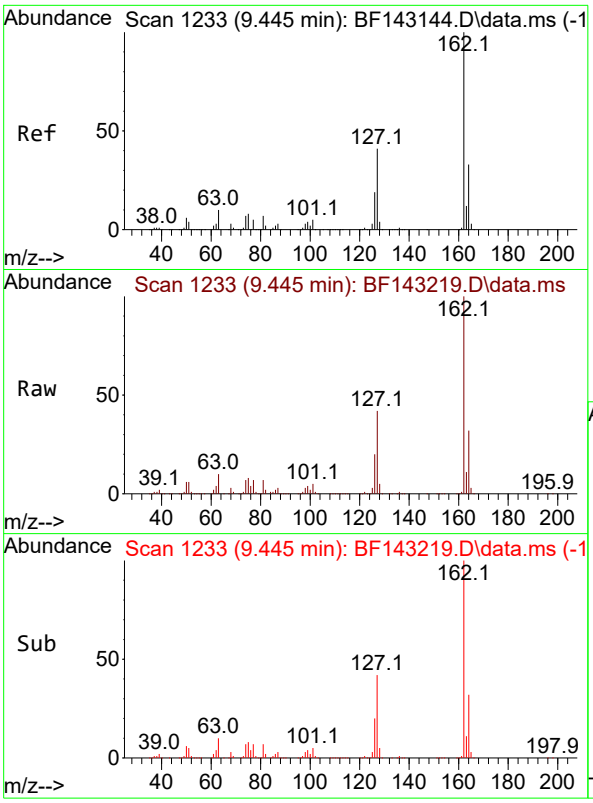


#46
1,1'-Biphenyl
Concen: 43.522 ng
RT: 9.422 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:154 Resp: 877516

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.3	60.3
76	13.1	0.0	33.3



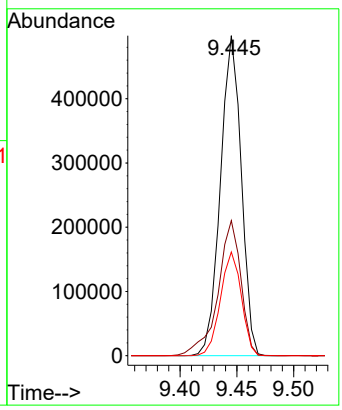


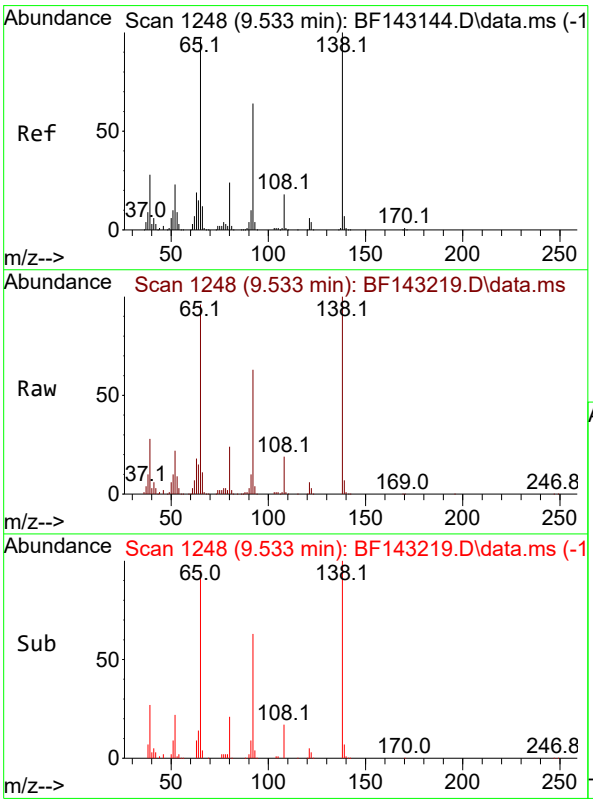
#47
2-Chloronaphthalene
Concen: 42.634 ng
RT: 9.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:162 Resp: 636055

Ion	Ratio	Lower	Upper
162	100		
127	42.2	33.4	50.2
164	32.4	26.2	39.2

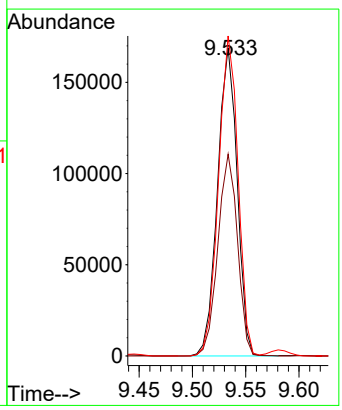


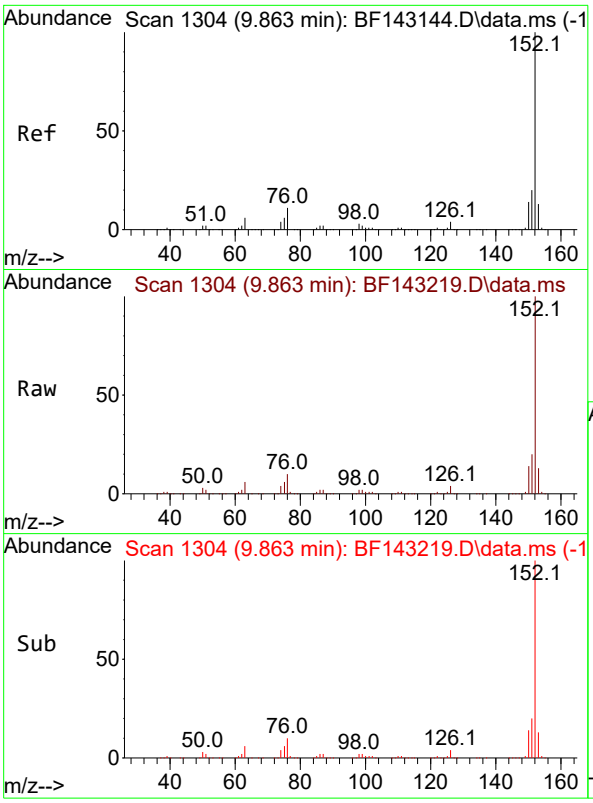


#48
2-Nitroaniline
Concen: 46.188 ng
RT: 9.533 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion: 65 Resp: 216093

Ion	Ratio	Lower	Upper
65	100		
92	65.4	52.4	78.6
138	103.8	82.3	123.5



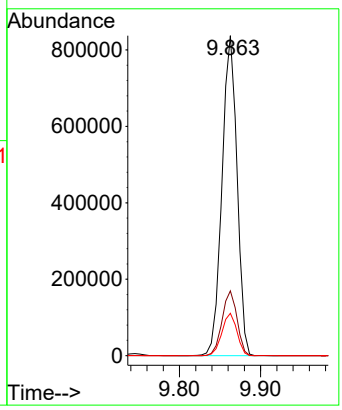


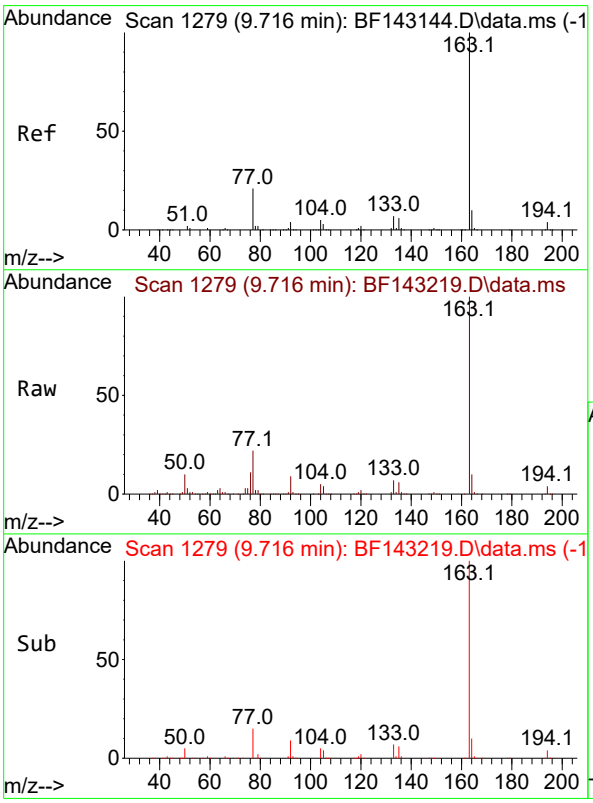
#49
Acenaphthylene
Concen: 43.295 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:152 Resp: 1082459

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.3	10.6	16.0

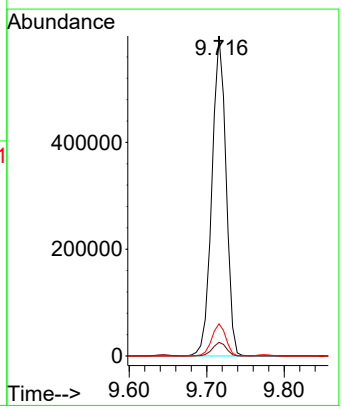


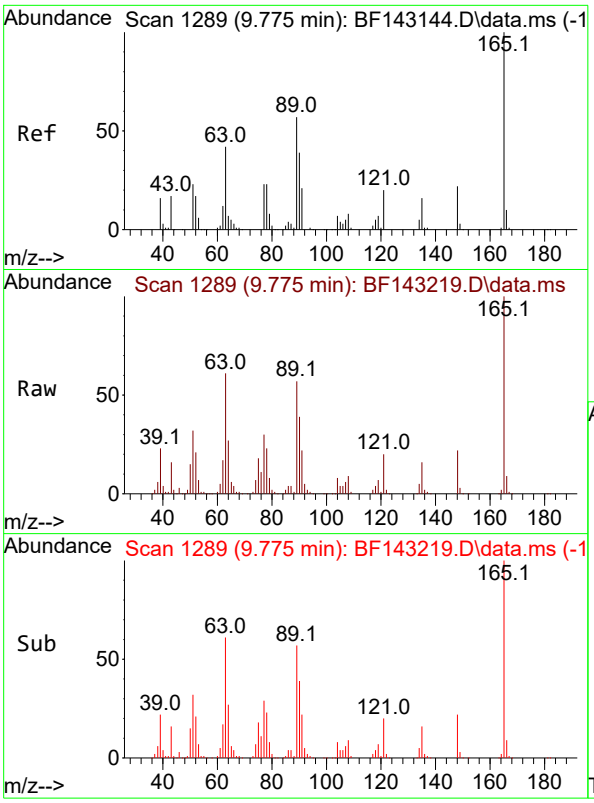


#50
Dimethylphthalate
Concen: 44.909 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:163 Resp: 756505

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.1	8.3	12.5



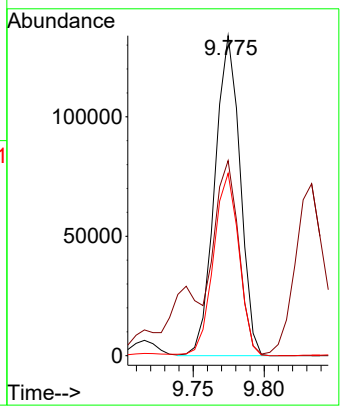


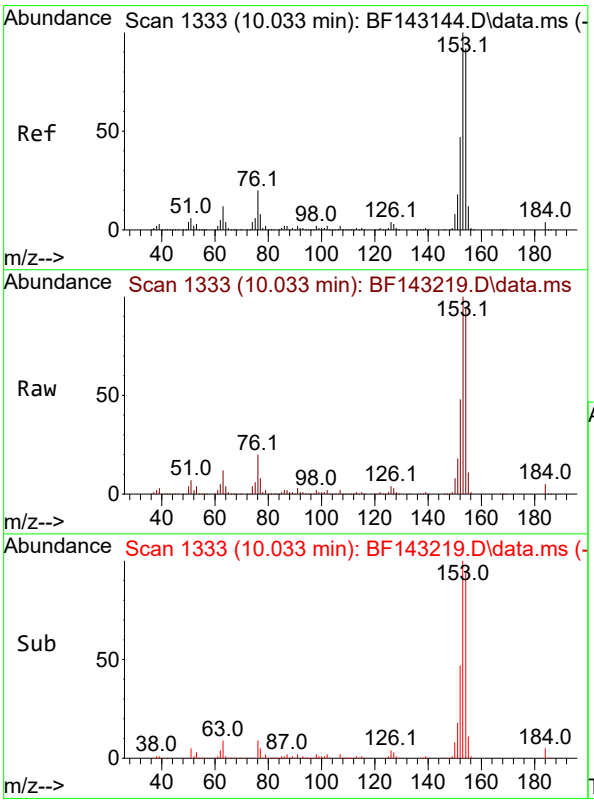
#51
2,6-Dinitrotoluene
Concen: 48.404 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:165 Resp: 165873

Ion	Ratio	Lower	Upper
165	100		
63	61.0	49.4	74.2
89	57.0	46.2	69.2

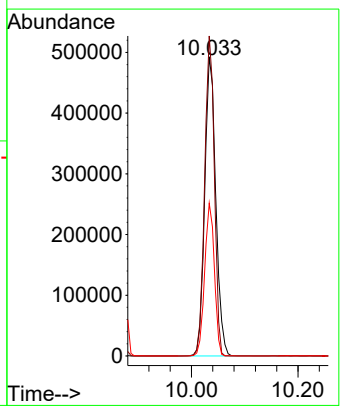


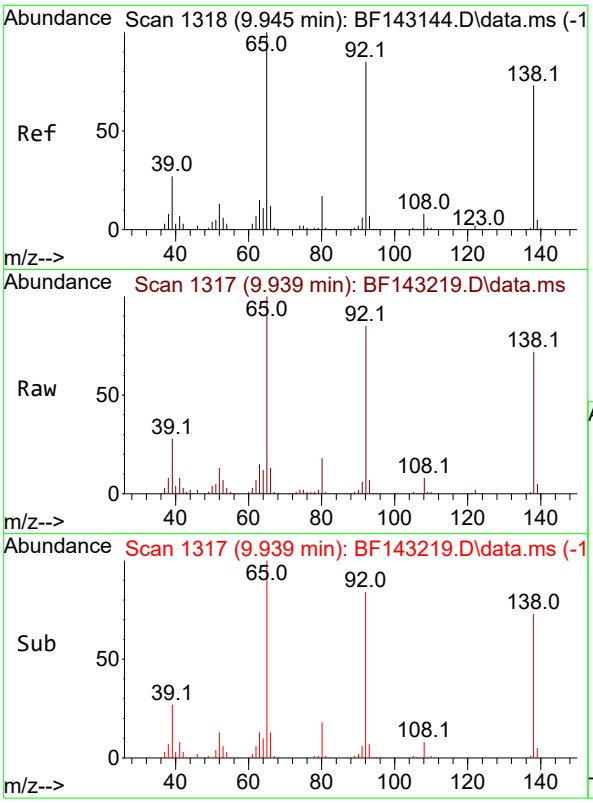


#52
Acenaphthene
Concen: 47.878 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:154 Resp: 707499

Ion	Ratio	Lower	Upper
154	100		
153	106.9	86.6	129.8
152	51.1	40.4	60.6



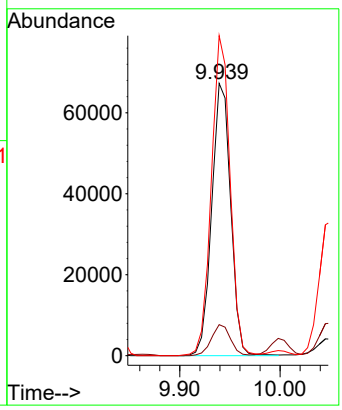


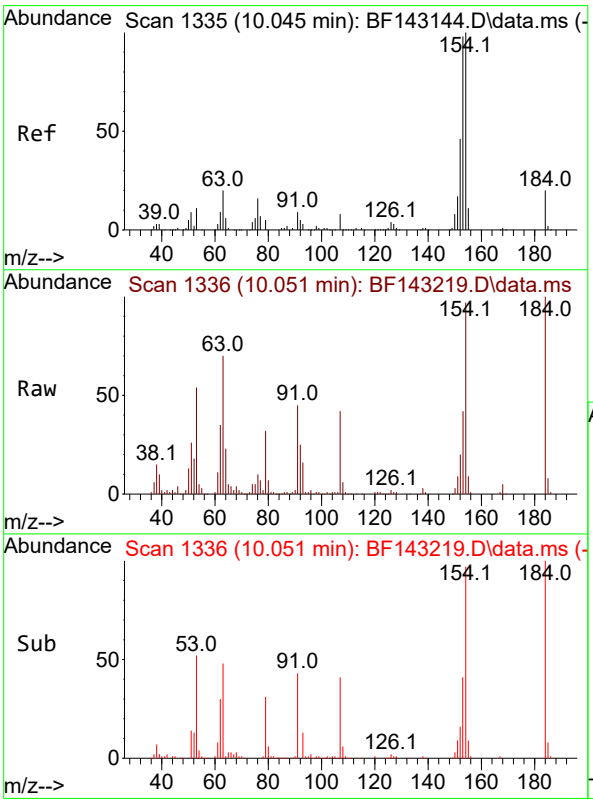
#53
3-Nitroaniline
Concen: 21.996 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:138 Resp: 88166

Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.0	13.6
92	117.5	93.0	139.4

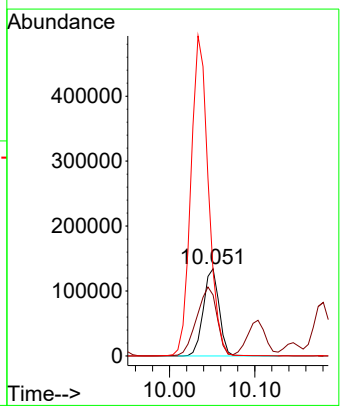


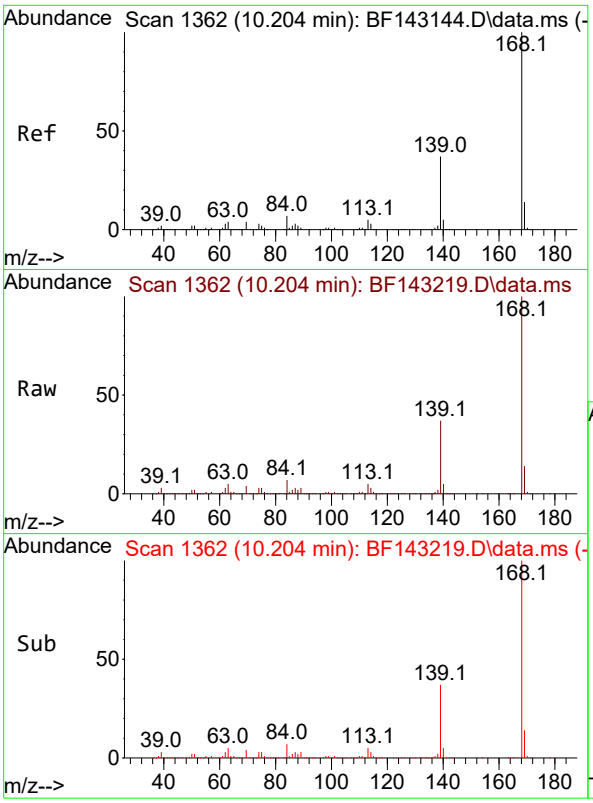


#54
2,4-Dinitrophenol
Concen: 108.368 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:184 Resp: 172311

Ion	Ratio	Lower	Upper
184	100		
63	69.8	81.8	122.6#
154	96.9	412.2	618.4#



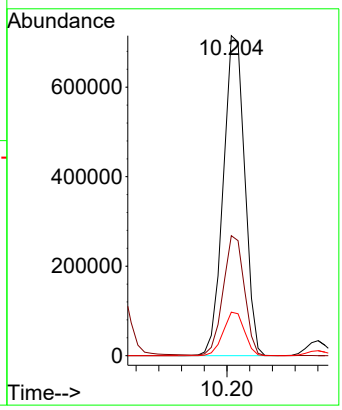


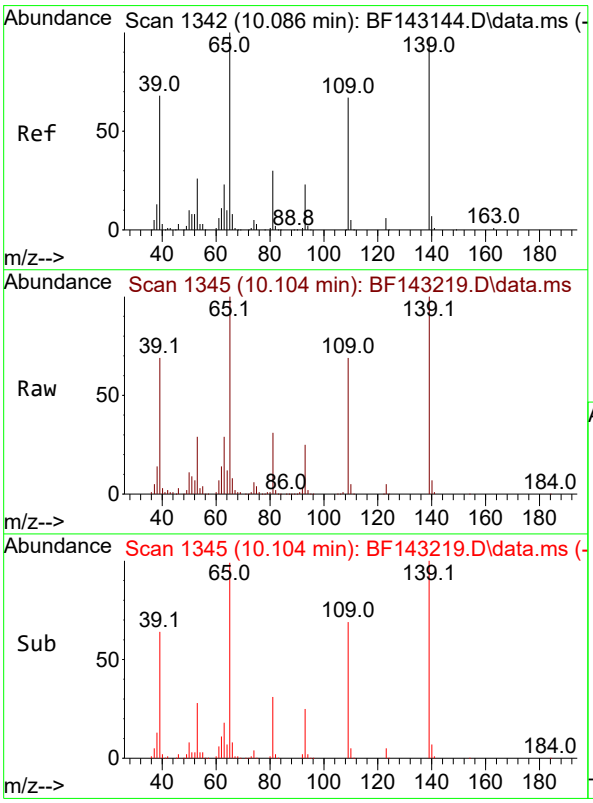
#55
Dibenzofuran
Concen: 42.753 ng
RT: 10.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:168 Resp: 937987

Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.5	44.3
169	13.6	10.9	16.3

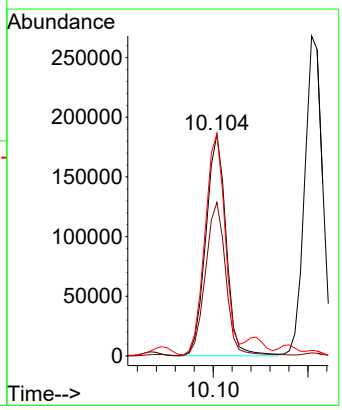


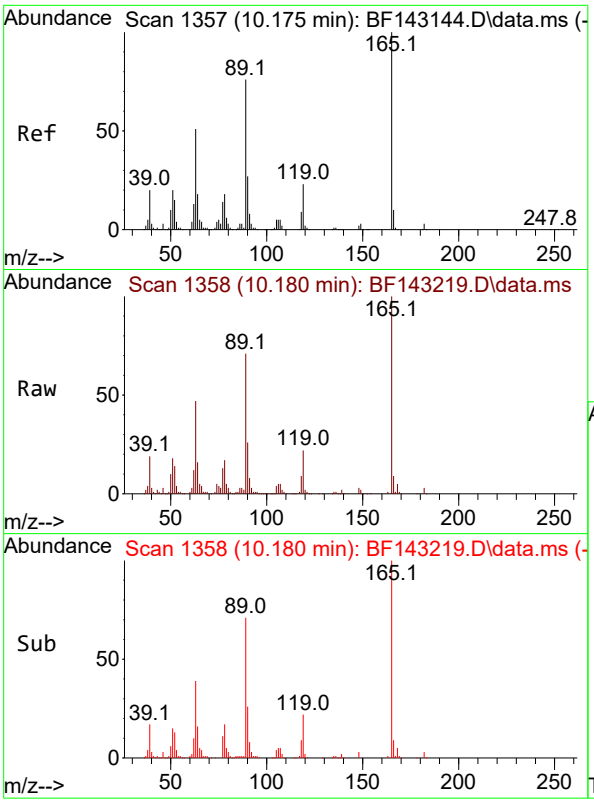


#56
4-Nitrophenol
Concen: 91.677 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:139 Resp: 274401

Ion	Ratio	Lower	Upper
139	100		
109	69.4	48.5	88.5
65	100.3	83.4	123.4



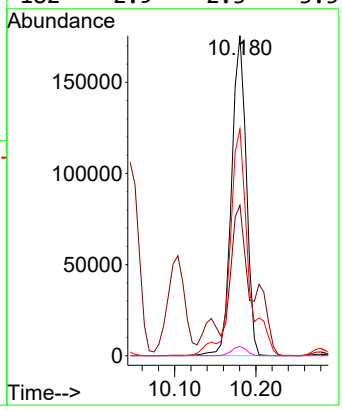


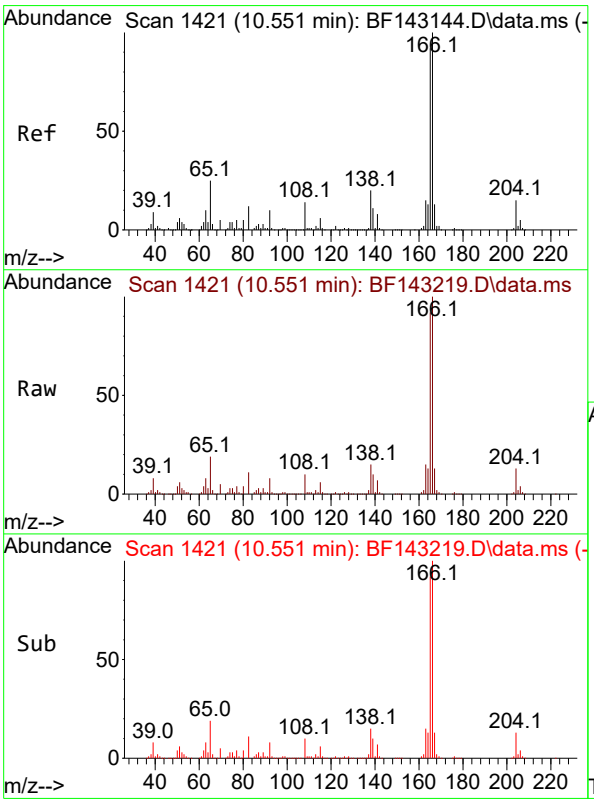
#57
2,4-Dinitrotoluene
Concen: 51.332 ng
RT: 10.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:165 Resp: 220692

Ion	Ratio	Lower	Upper
165	100		
63	47.0	41.0	61.4
89	70.9	61.1	91.7
182	2.9	2.3	3.5

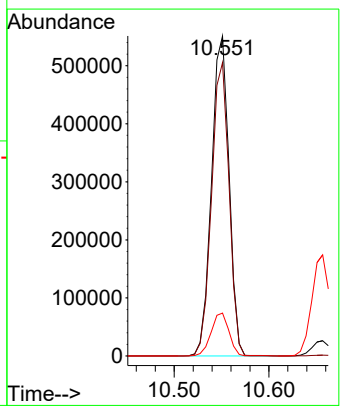


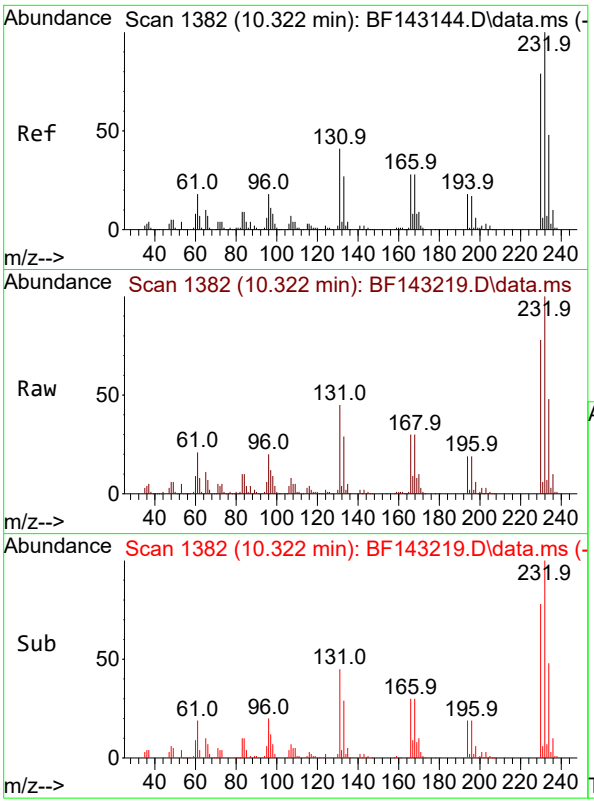


#58
Fluorene
Concen: 42.852 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:166 Resp: 705612

Ion	Ratio	Lower	Upper
166	100		
165	91.7	73.7	110.5
167	13.4	10.6	16.0



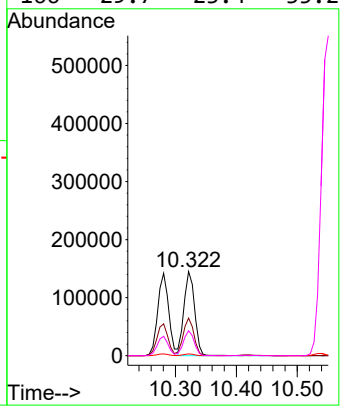


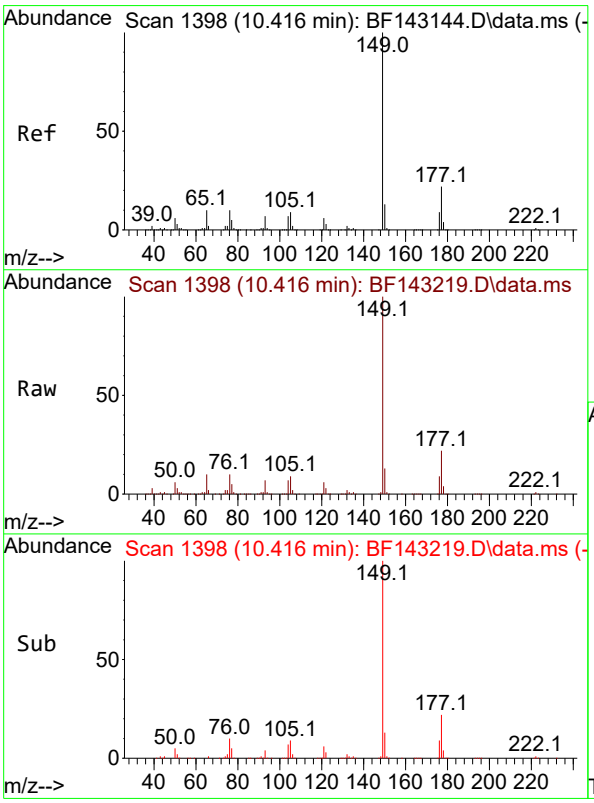
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.305 ng
RT: 10.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:232 Resp: 176735

Ion	Ratio	Lower	Upper
232	100		
131	44.7	35.3	52.9
130	2.1	1.7	2.5
166	29.7	23.4	35.2

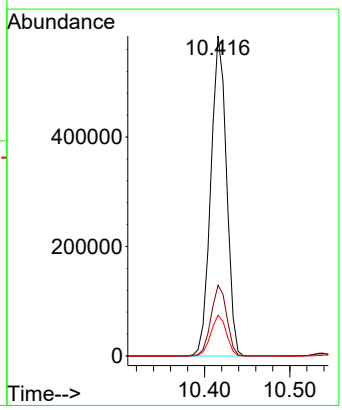


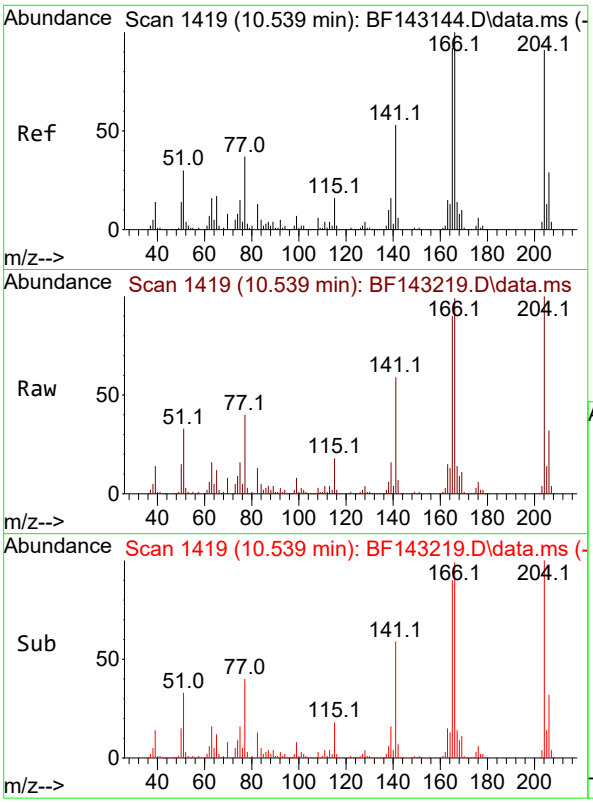


#60
Diethylphthalate
Concen: 44.863 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:149 Resp: 746969

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.5	26.3
150	12.7	10.2	15.2



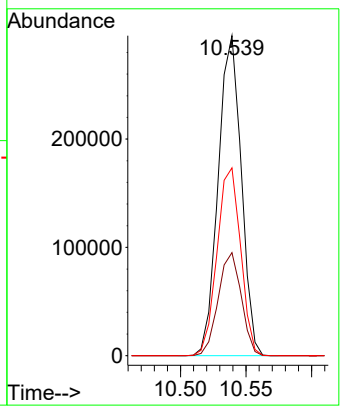


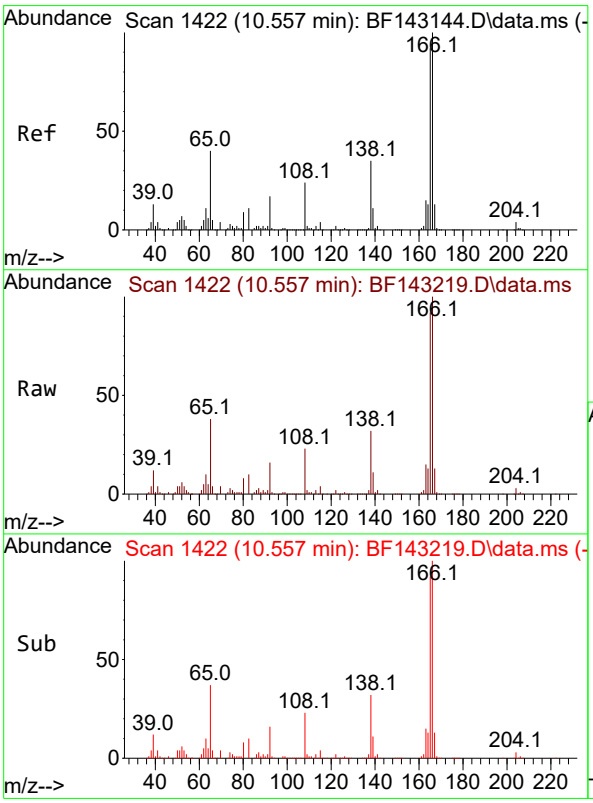
#61
4-Chlorophenyl-phenylether
Concen: 44.034 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:204 Resp: 361037

Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.8	38.8
141	58.7	47.0	70.4

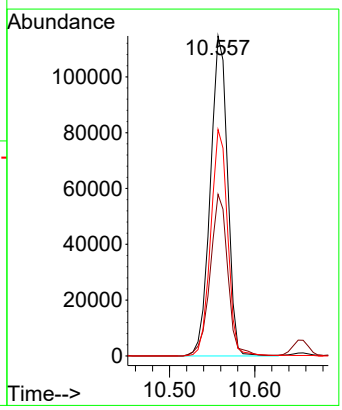


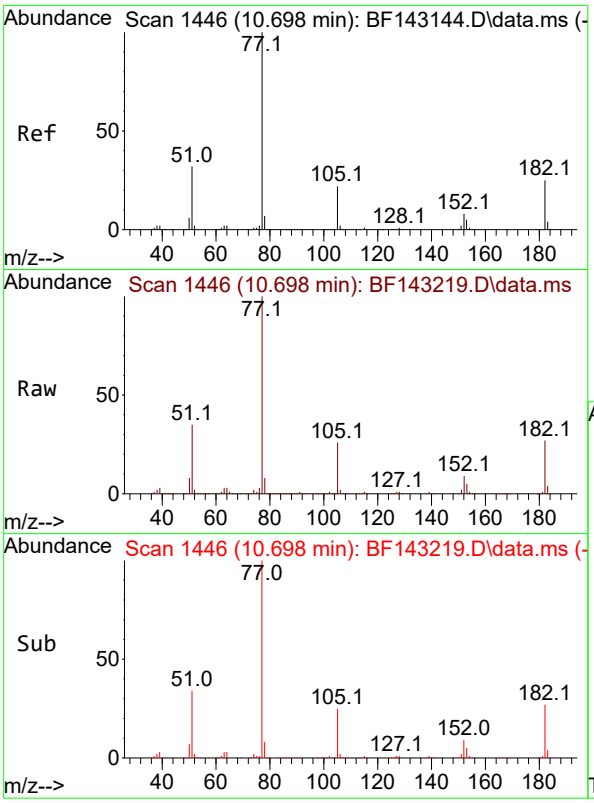


#62
4-Nitroaniline
Concen: 46.804 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:138 Resp: 160785

Ion	Ratio	Lower	Upper
138	100		
92	50.5	29.3	69.3
108	70.8	48.3	88.3



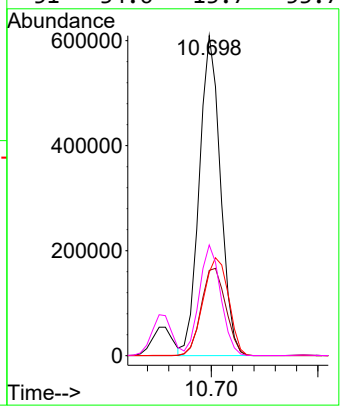


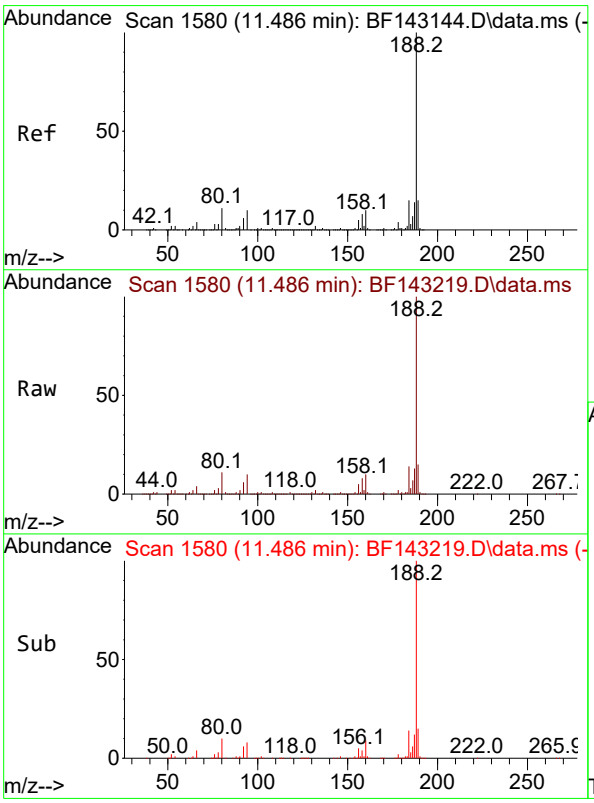
#63
Azobenzene
Concen: 48.495 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion: 77 Resp: 841538

Ion	Ratio	Lower	Upper
77	100		
182	26.6	4.6	44.6
105	26.1	1.4	41.4
51	34.6	13.7	53.7

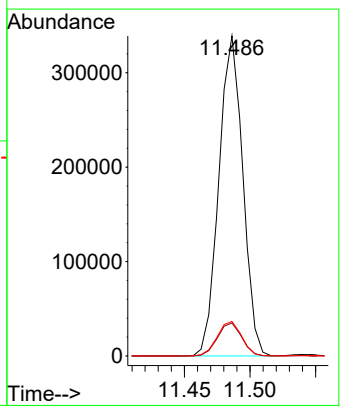


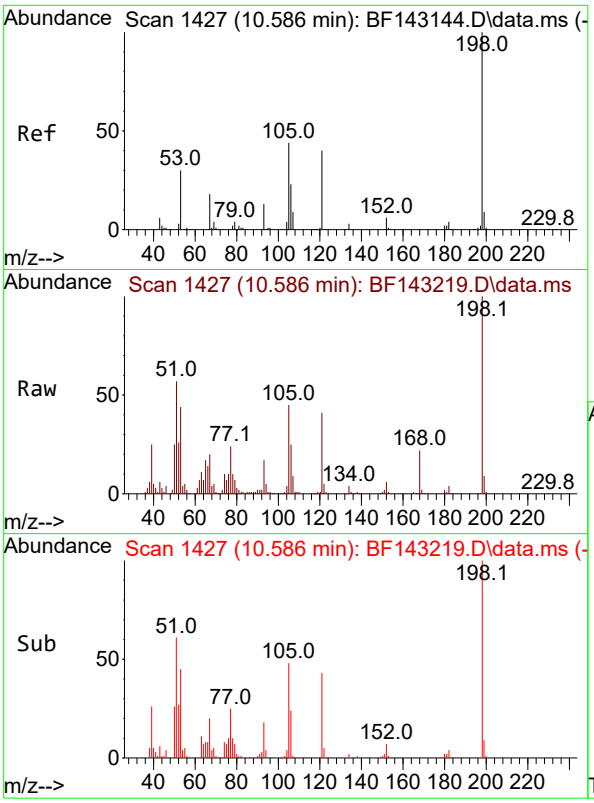


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:188 Resp: 430420

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.3	12.5
80	10.8	9.0	13.6



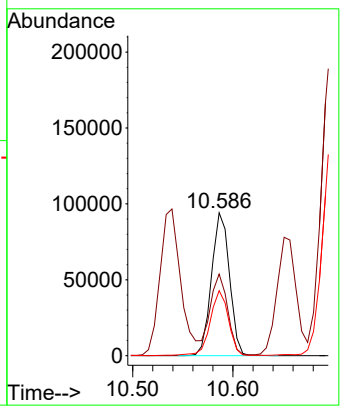


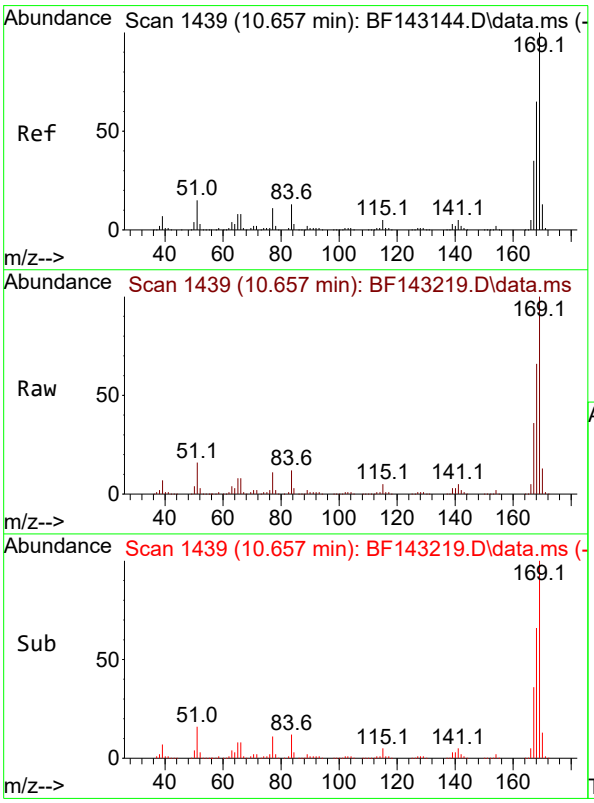
#65
4,6-Dinitro-2-methylphenol
Concen: 51.484 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:198 Resp: 117166

Ion	Ratio	Lower	Upper
198	100		
51	57.1	37.2	77.2
105	45.5	24.8	64.8

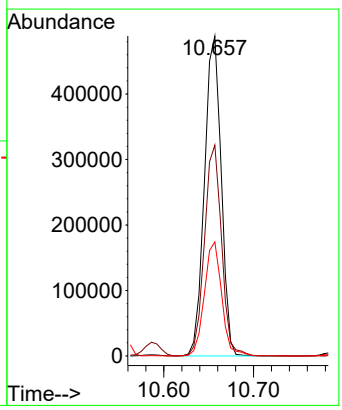


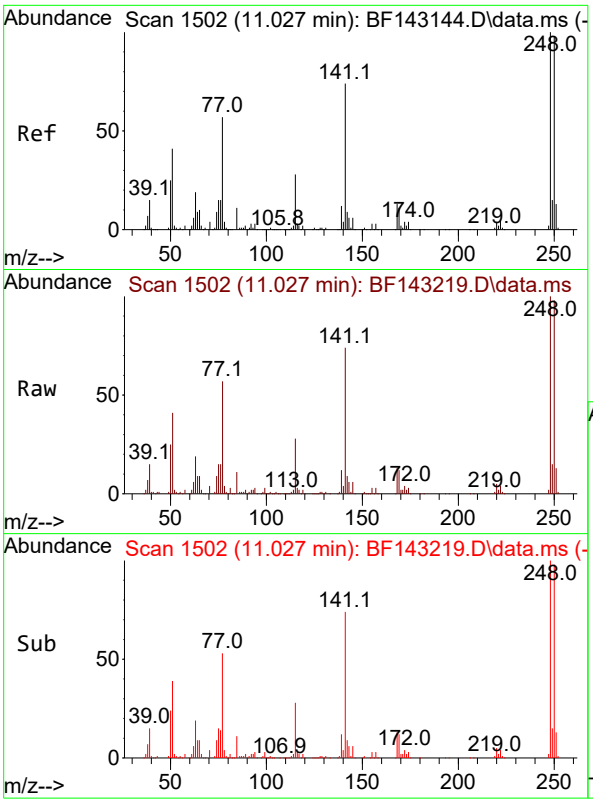


#66
n-Nitrosodiphenylamine
Concen: 41.754 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:169 Resp: 632847

Ion	Ratio	Lower	Upper
169	100		
168	65.9	52.1	78.1
167	35.7	28.2	42.2



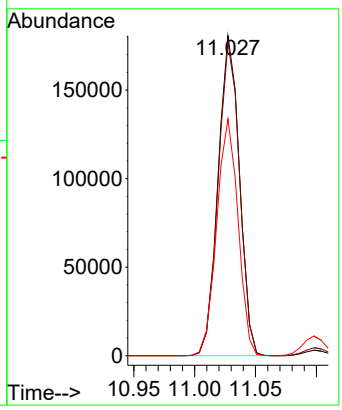


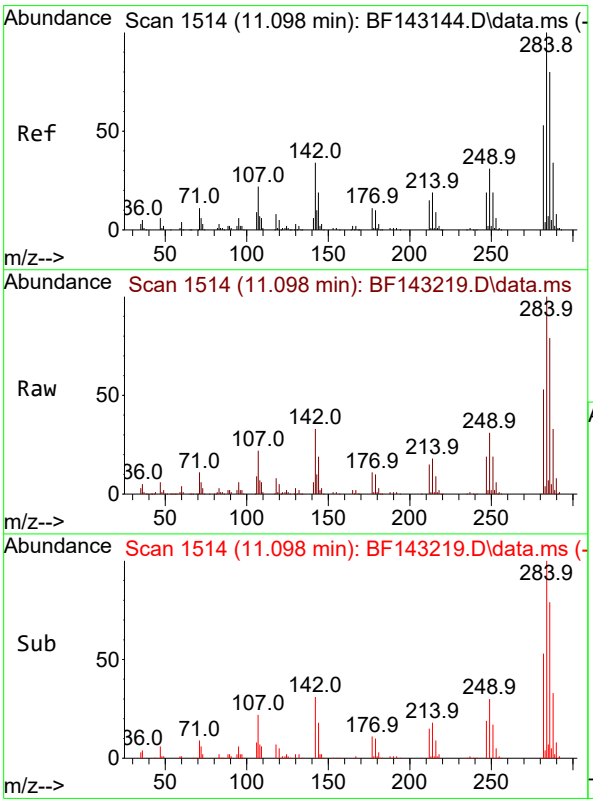
#67
4-Bromophenyl-phenylether
Concen: 43.009 ng
RT: 11.027 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:248 Resp: 220614

Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.3	117.5
141	74.0	59.2	88.8

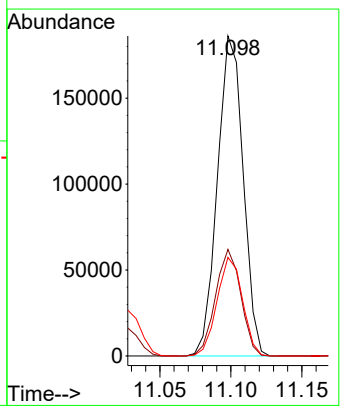


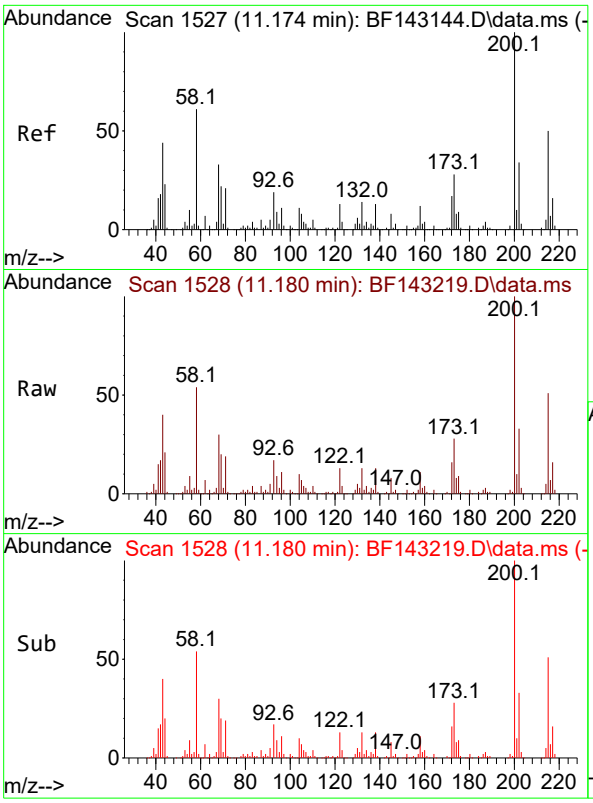


#68
Hexachlorobenzene
Concen: 43.678 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:284 Resp: 234176

Ion	Ratio	Lower	Upper
284	100		
142	33.3	27.0	40.6
249	30.8	25.0	37.6



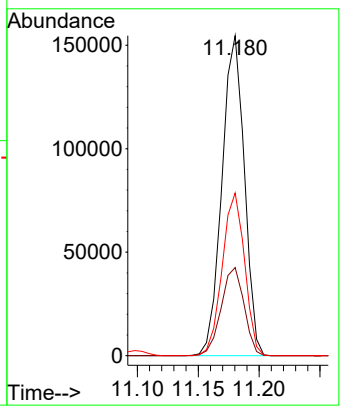


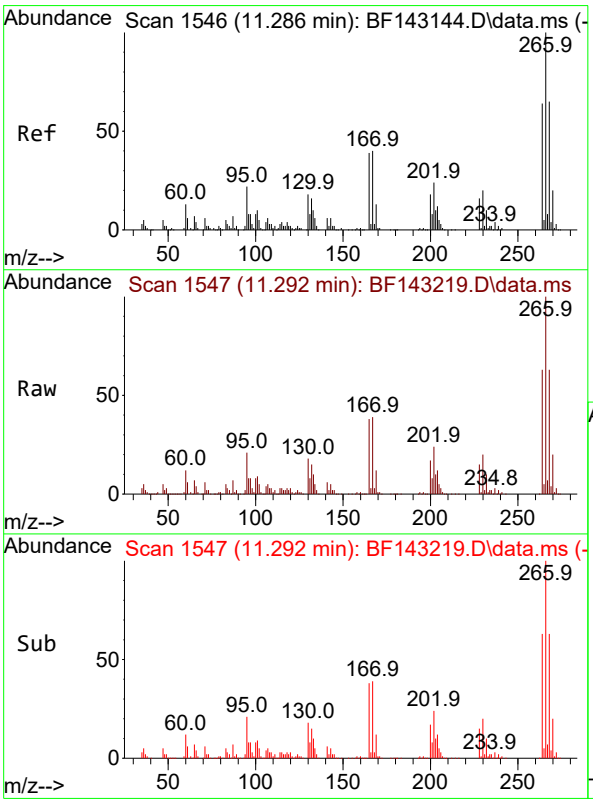
#69
Atrazine
Concen: 47.399 ng
RT: 11.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:200 Resp: 198055

Ion	Ratio	Lower	Upper
200	100		
173	27.6	7.9	47.9
215	50.9	30.1	70.1

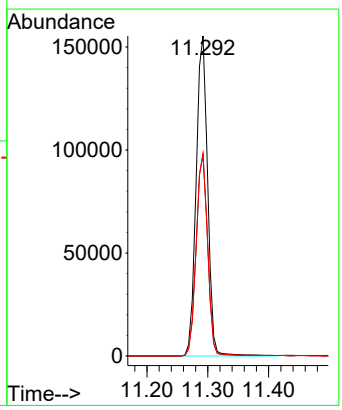


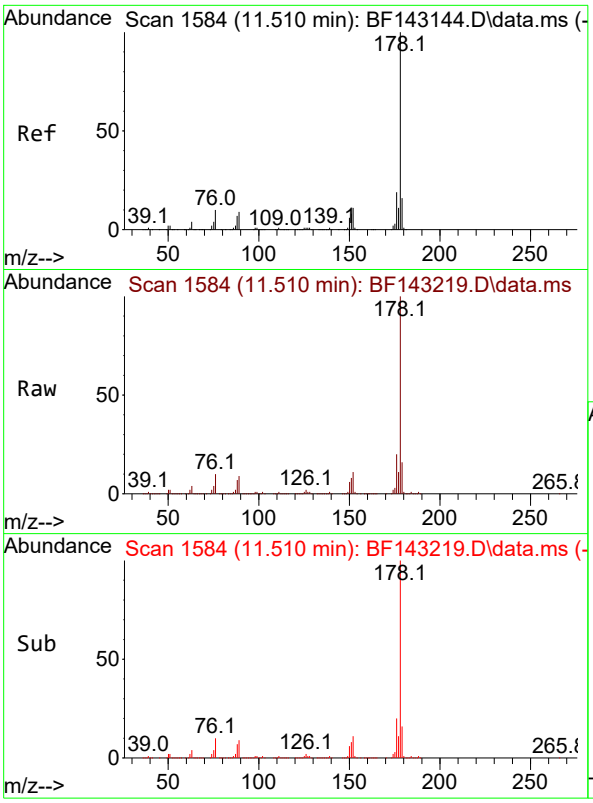


#70
Pentachlorophenol
Concen: 64.730 ng
RT: 11.292 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:266 Resp: 204090

Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.9	77.9
264	63.3	51.0	76.6



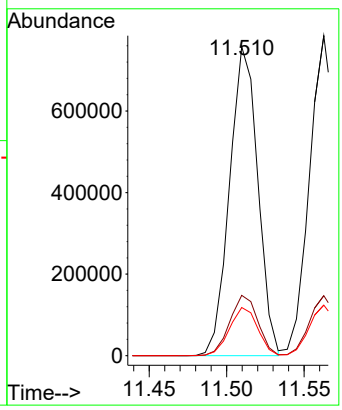


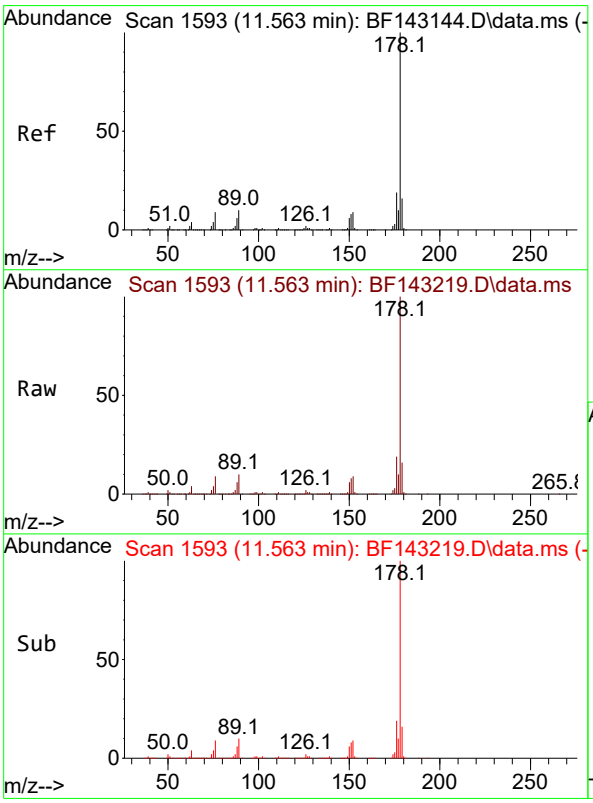
#71
Phenanthrene
Concen: 42.033 ng
RT: 11.510 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:178 Resp: 960622

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.6	12.5	18.7

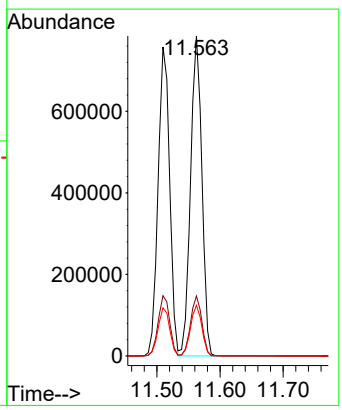


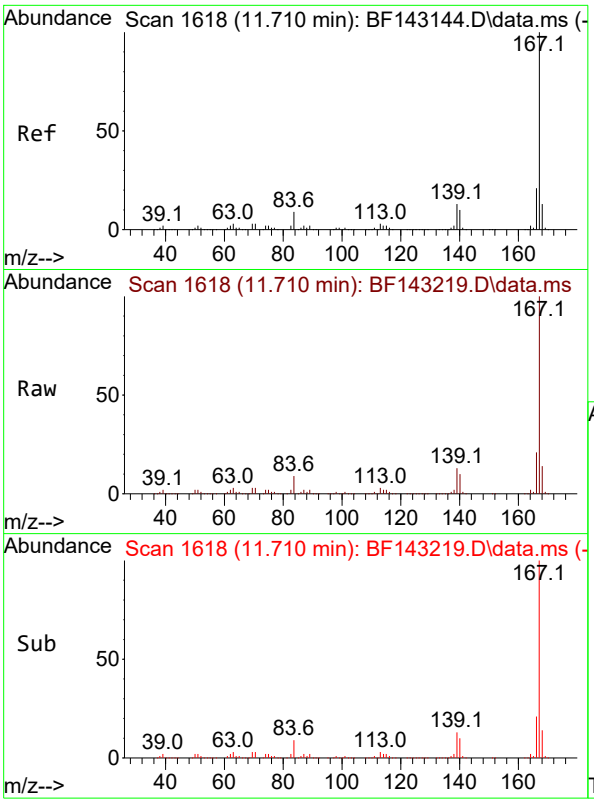


#72
Anthracene
Concen: 41.993 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:178 Resp: 978804

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.8	12.5	18.7



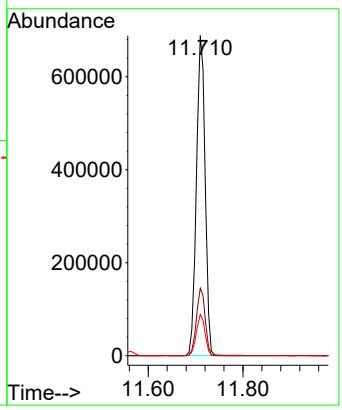


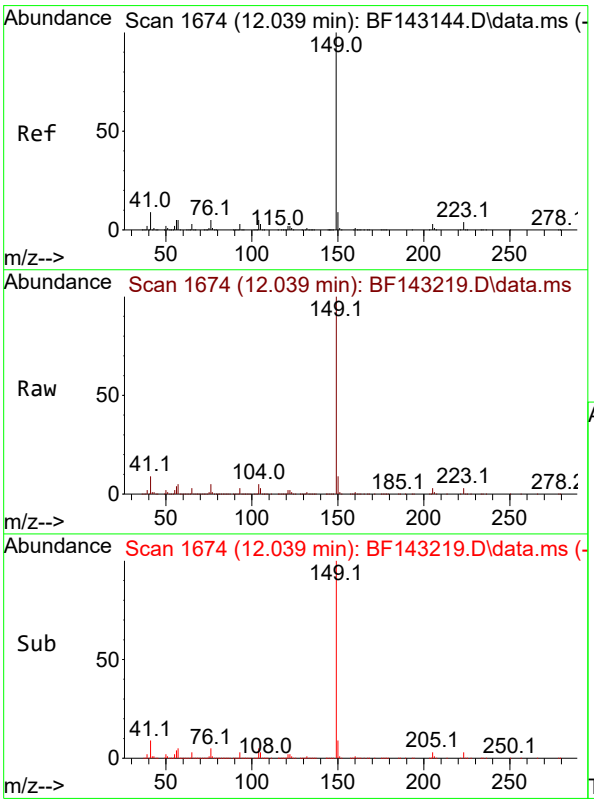
#73
Carbazole
Concen: 43.388 ng
RT: 11.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:167 Resp: 883073

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.6
139	12.8	10.0	15.0

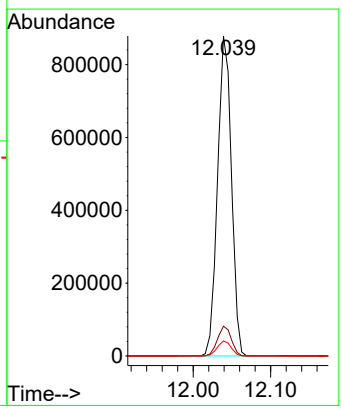


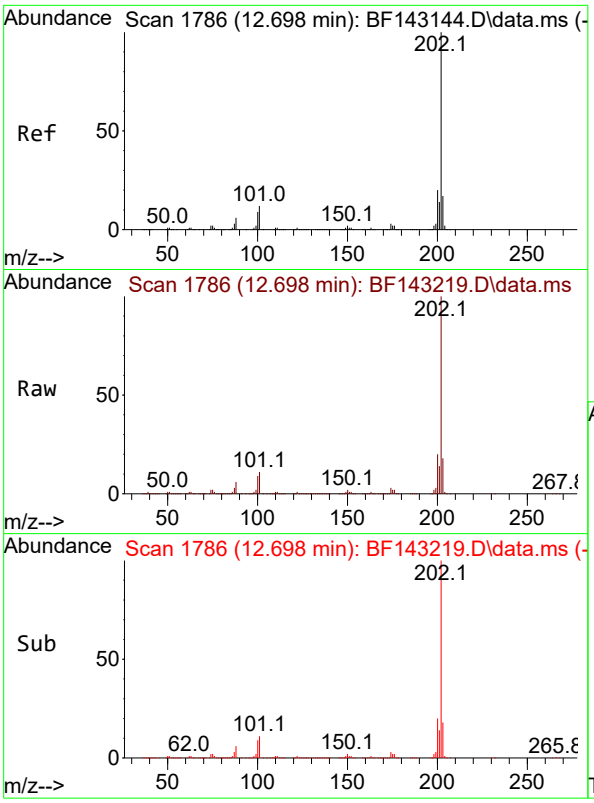


#74
Di-n-butylphthalate
Concen: 47.400 ng
RT: 12.039 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:149 Resp: 1091594

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.7	3.8	5.8



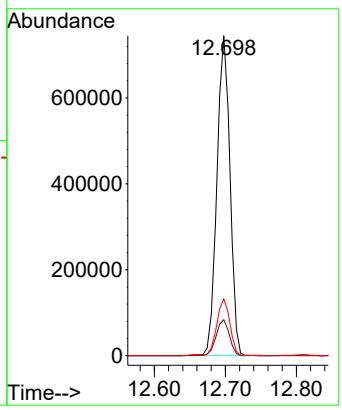


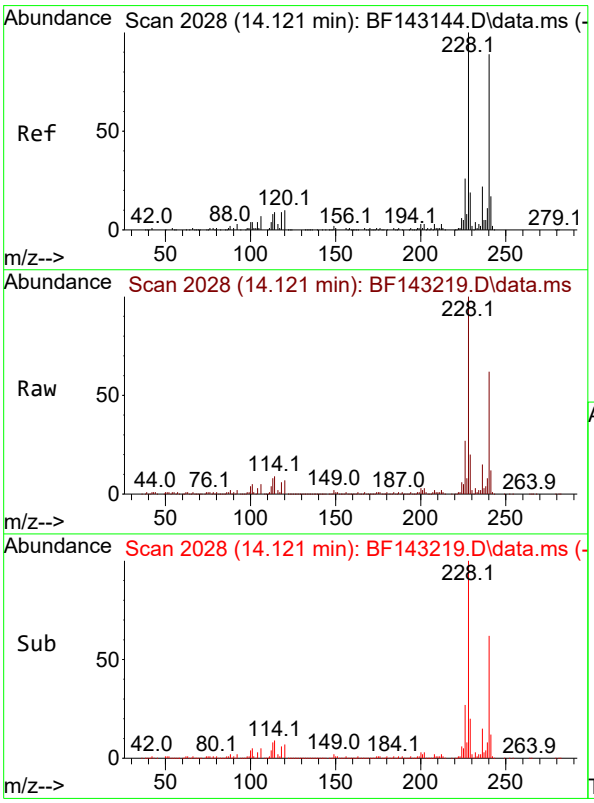
#75
Fluoranthene
Concen: 45.158 ng
RT: 12.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:202 Resp: 947282

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.7
203	17.8	0.0	37.4

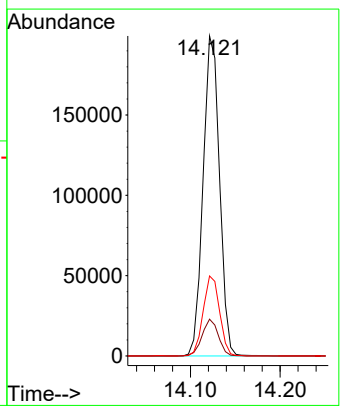


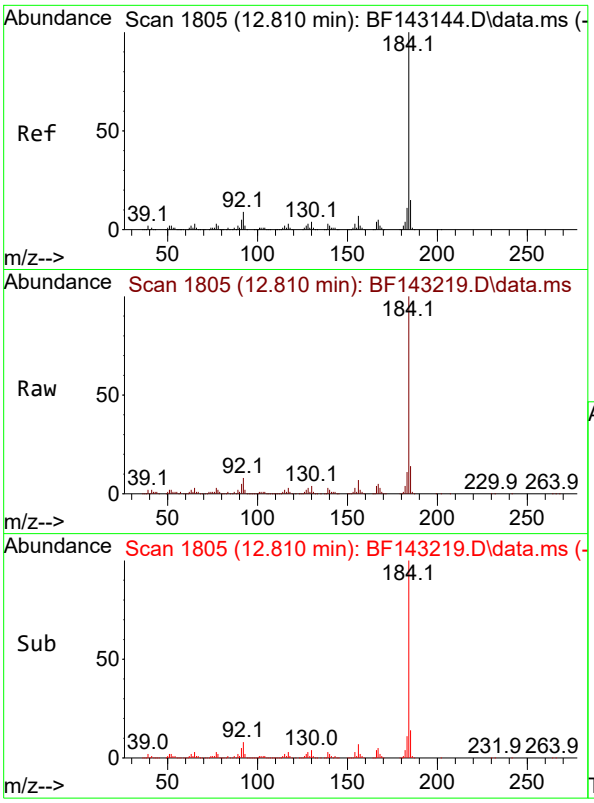


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:240 Resp: 253028

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.4	14.2
236	25.0	20.2	30.4



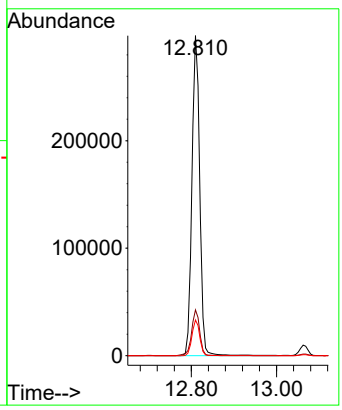


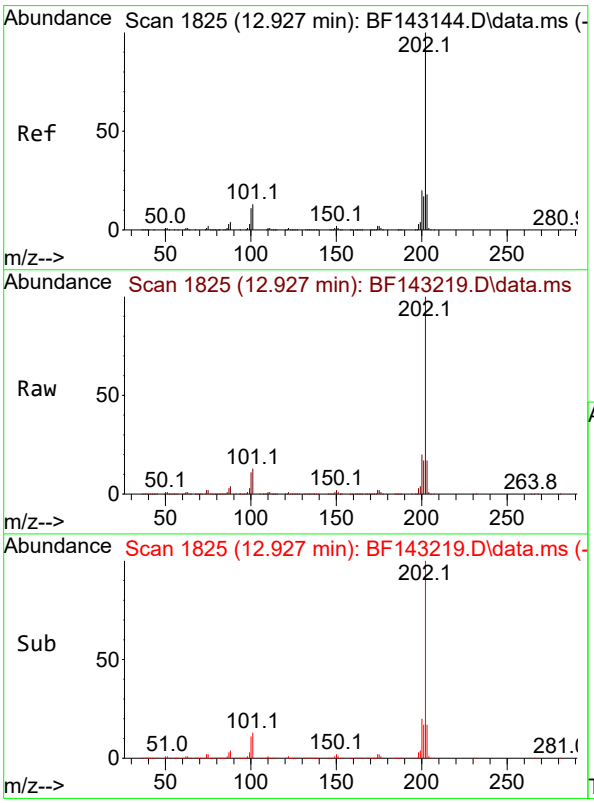
#77
Benzidine
Concen: 38.683 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:184 Resp: 377100

Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.2	18.4
183	11.1	9.0	13.4

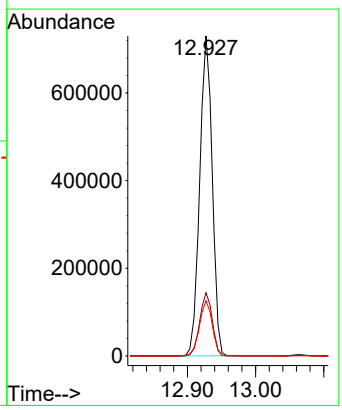


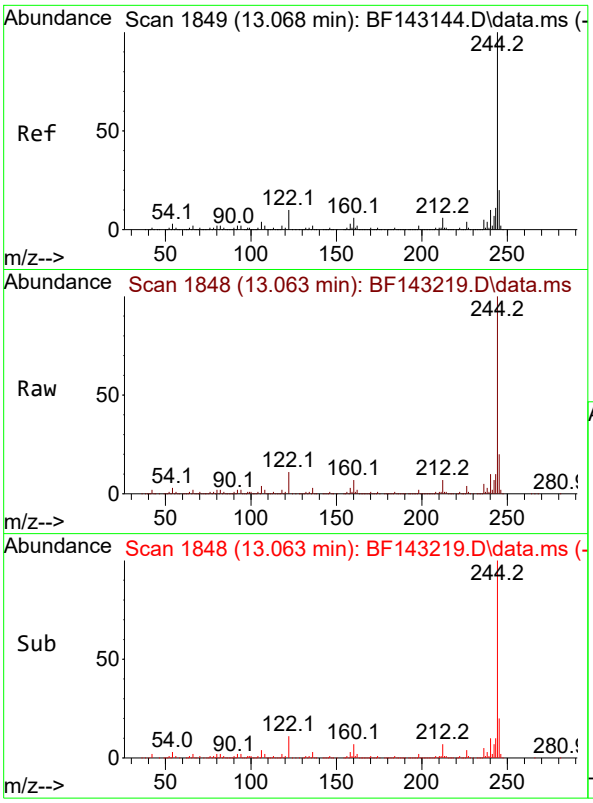


#78
Pyrene
Concen: 43.099 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:202 Resp: 930699

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.7	23.5
203	17.3	14.2	21.2



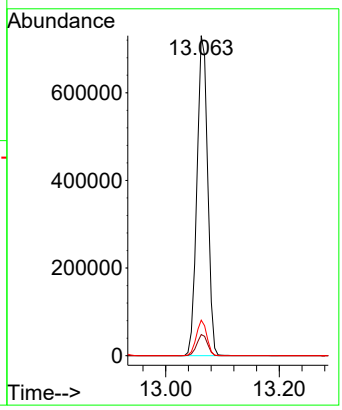


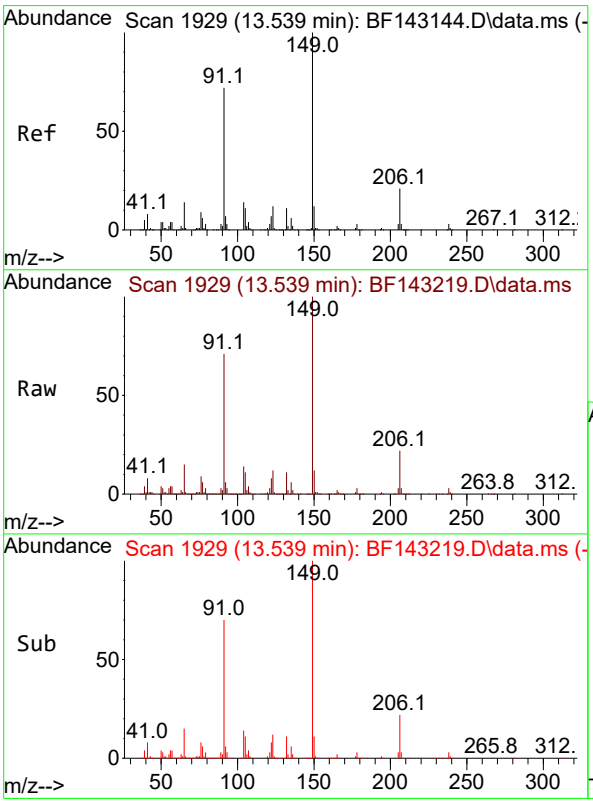
#79
Terphenyl-d14
Concen: 56.376 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:244 Resp: 958583

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	11.1	8.2	12.2

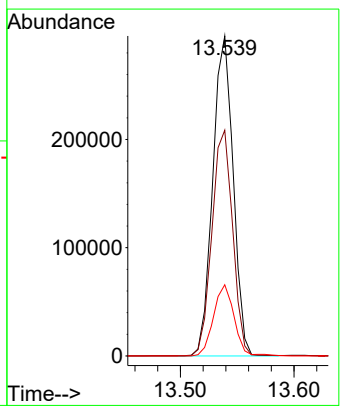


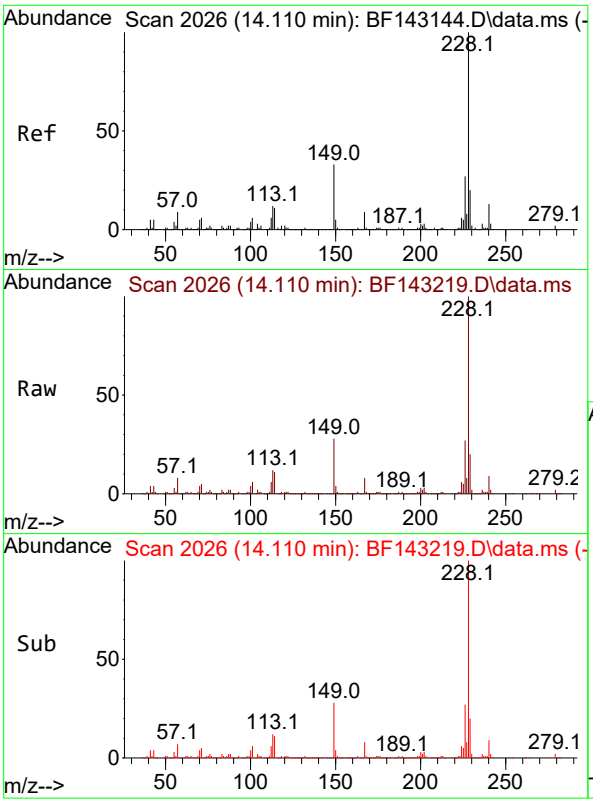


#80
Butylbenzylphthalate
Concen: 55.834 ng
RT: 13.539 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:149 Resp: 369204

Ion	Ratio	Lower	Upper
149	100		
91	70.6	57.9	86.9
206	22.3	17.0	25.4



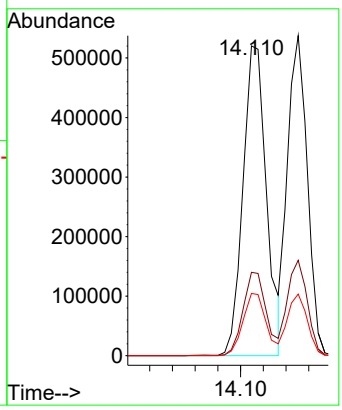


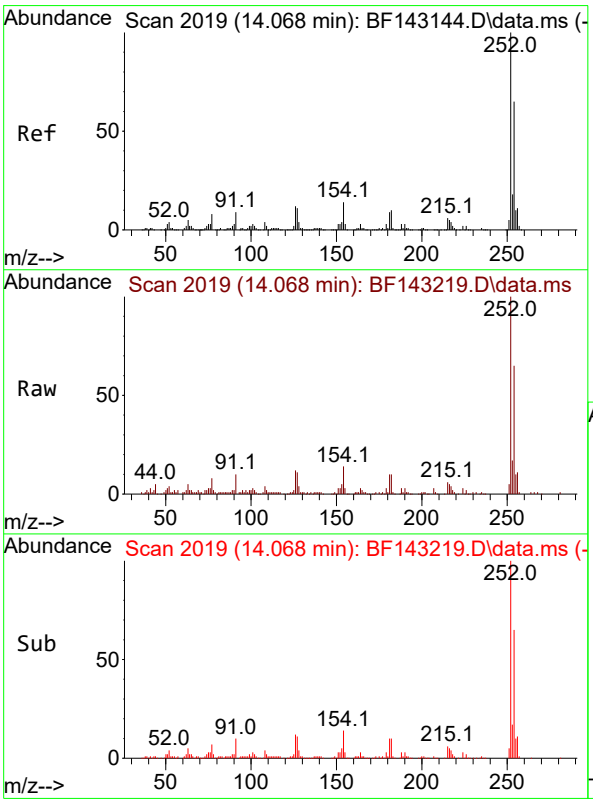
#81
Benzo(a)anthracene
Concen: 44.178 ng
RT: 14.110 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:228 Resp: 748386

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	20.1	15.8	23.6

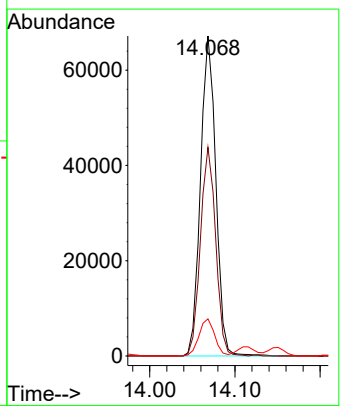


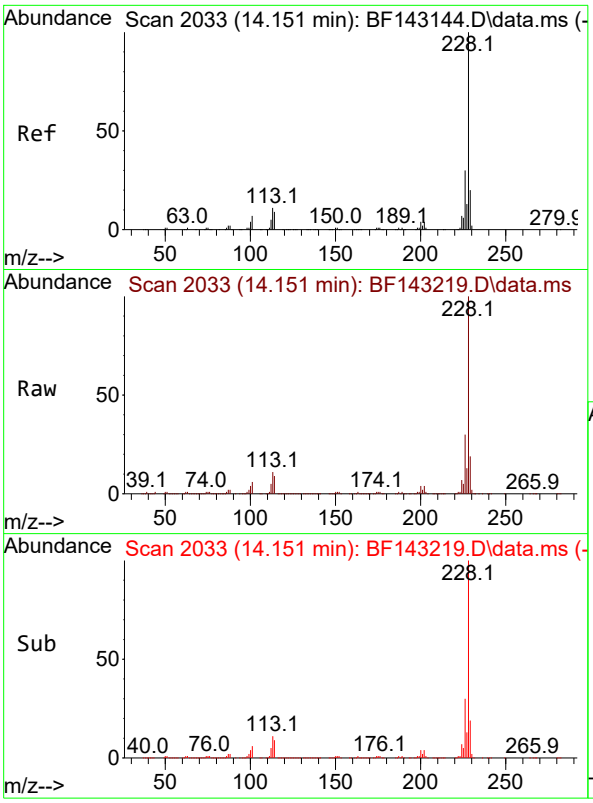


#82
3,3'-Dichlorobenzidine
Concen: 14.865 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:252 Resp: 83929

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.7	77.5
126	11.6	9.4	14.0



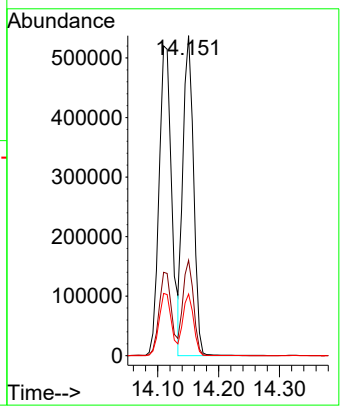


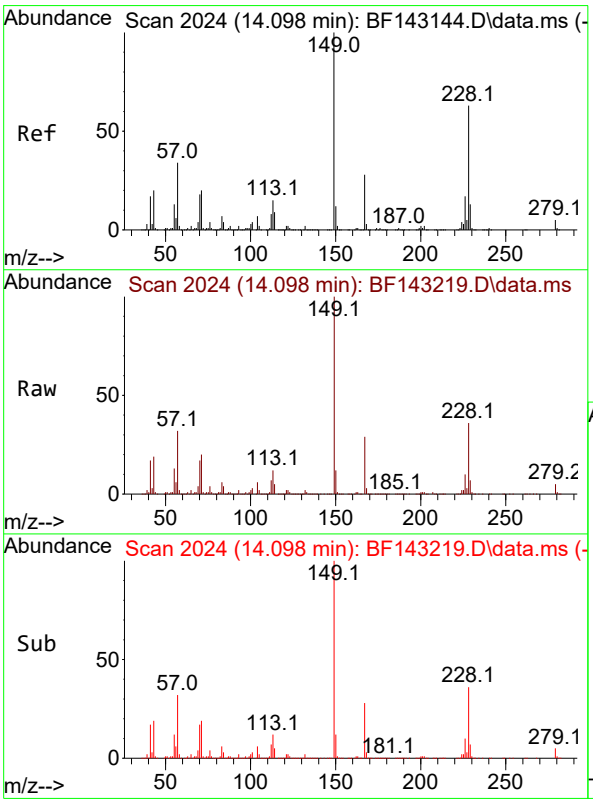
#83
Chrysene
Concen: 42.925 ng
RT: 14.151 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:228 Resp: 653785

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.3	15.6	23.4

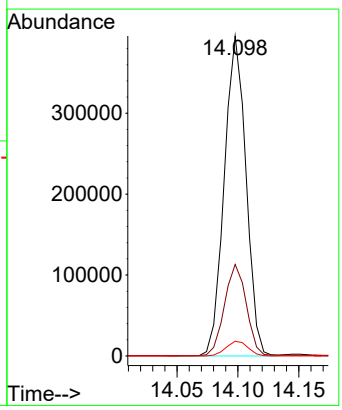


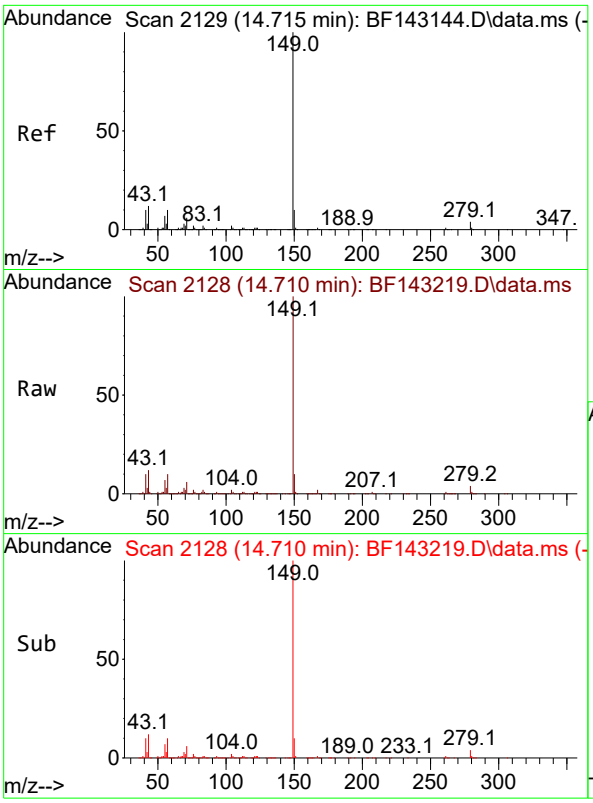


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.212 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:149 Resp: 492547

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.3	33.5
279	4.6	3.6	5.4



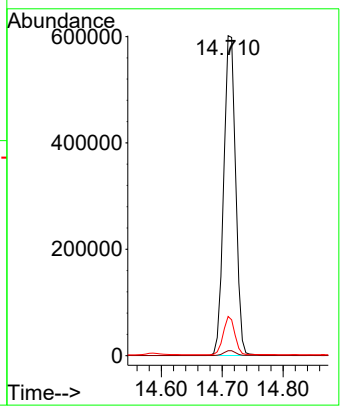


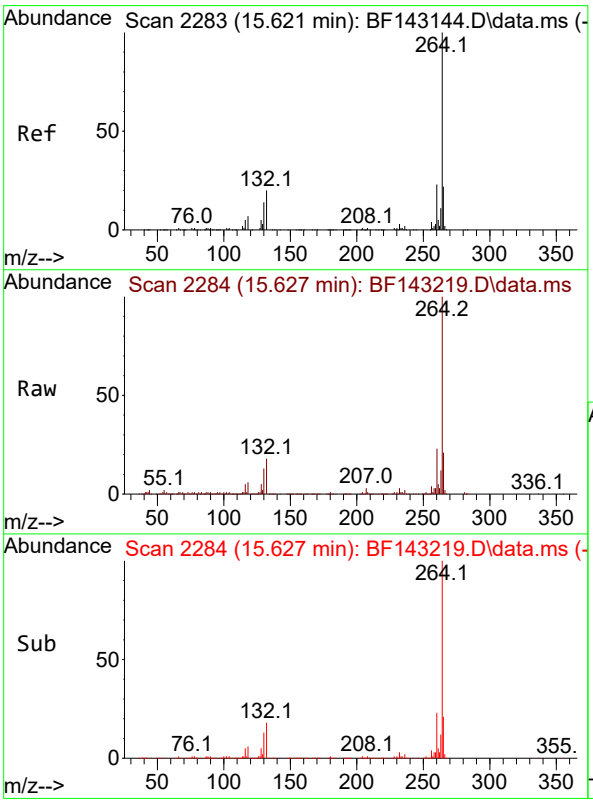
#85
Di-n-octyl phthalate
Concen: 45.122 ng
RT: 14.710 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:149 Resp: 818612

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.6	9.7	14.5

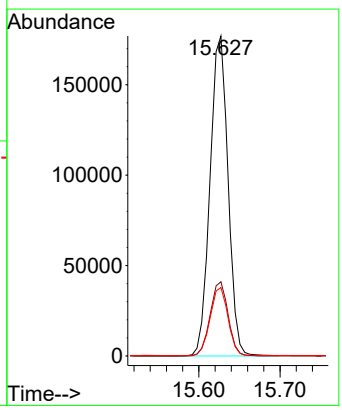


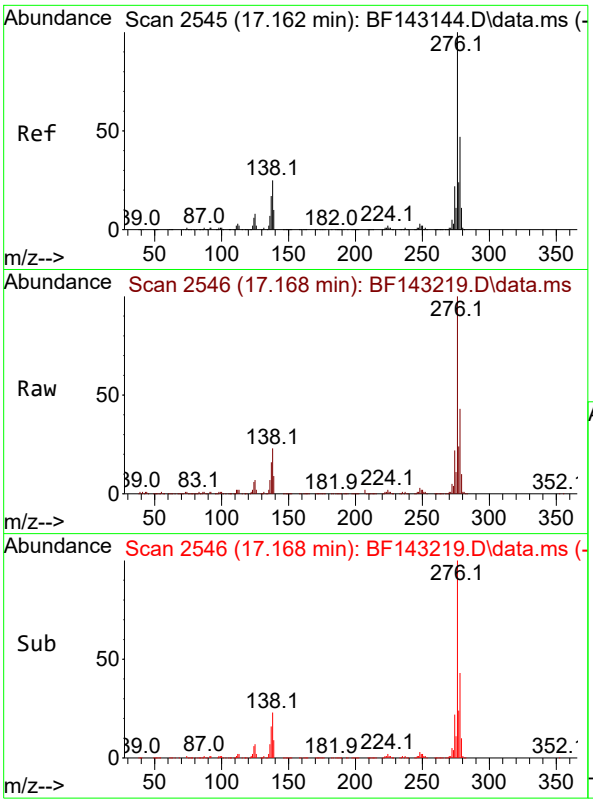


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:264 Resp: 273066

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.4	17.4	26.2



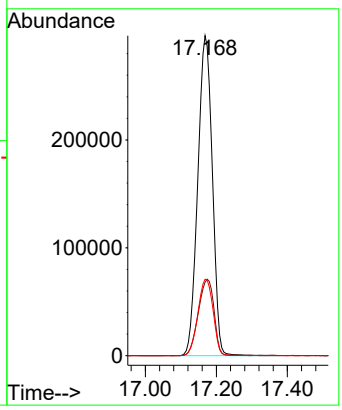


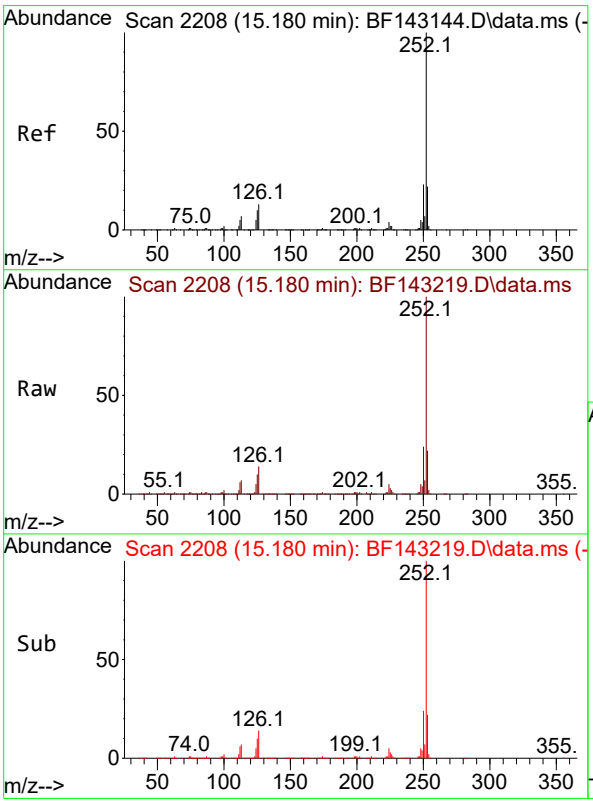
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.988 ng
RT: 17.168 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:276 Resp: 846990

Ion	Ratio	Lower	Upper
276	100		
138	25.8	21.8	32.6
277	25.0	20.0	30.0

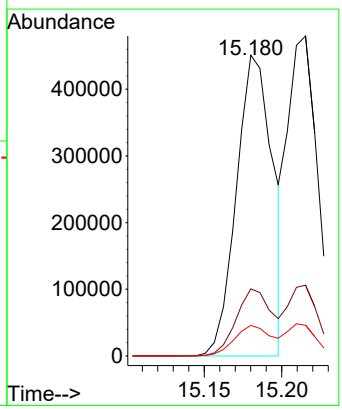


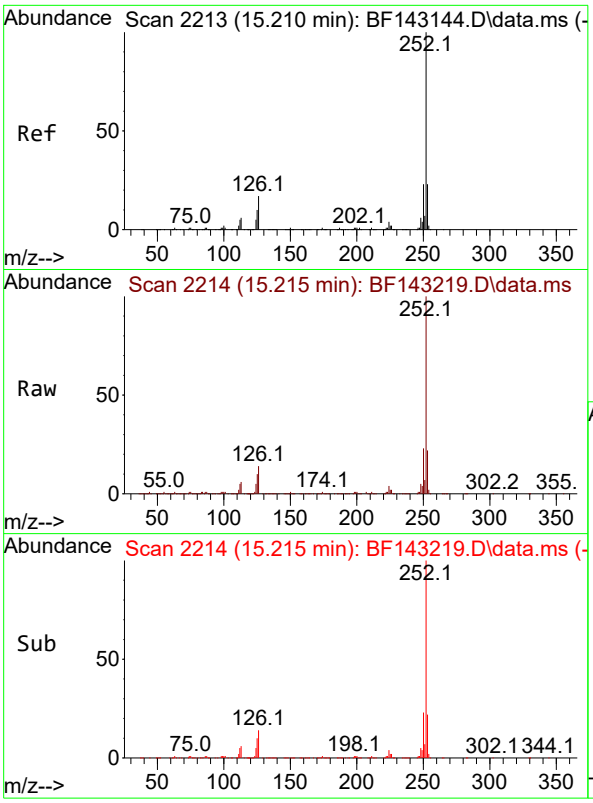


#88
Benzo(b)fluoranthene
Concen: 44.011 ng
RT: 15.180 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:252 Resp: 734192

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	10.1	8.0	12.0



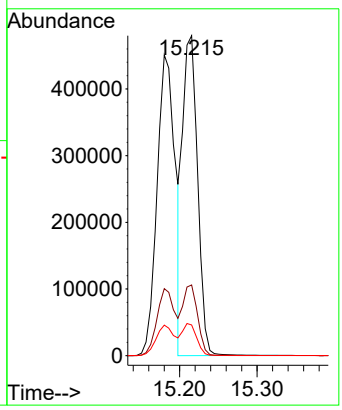


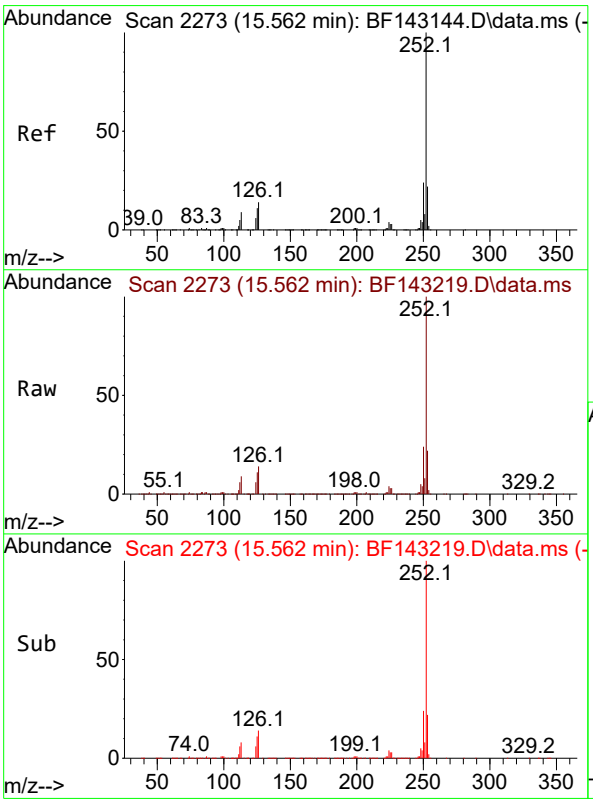
#89
Benzo(k)fluoranthene
Concen: 43.286 ng
RT: 15.215 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:252 Resp: 644364

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	9.6	8.1	12.1

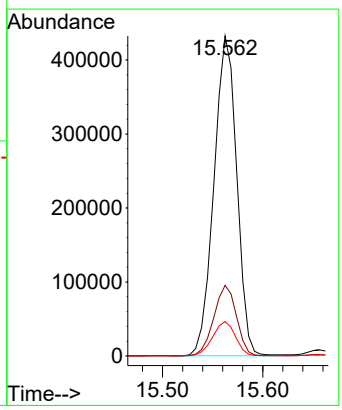


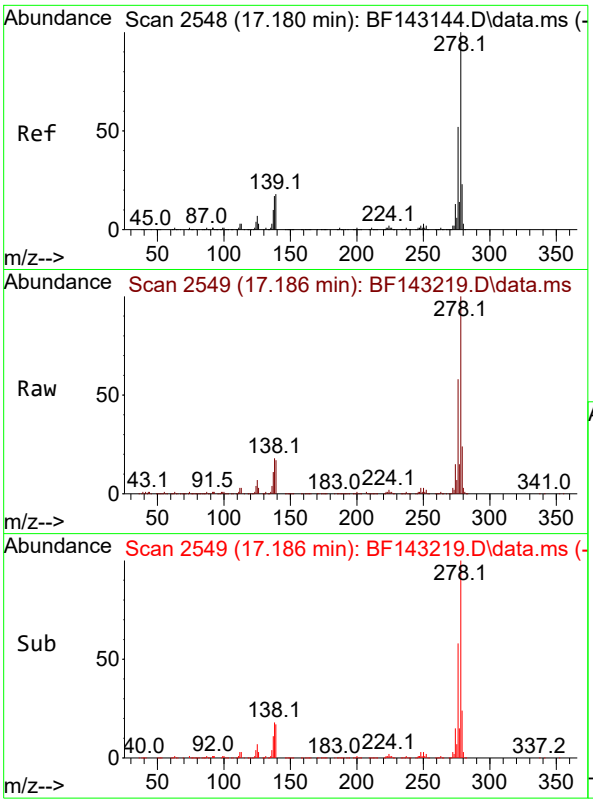


#90
Benzo(a)pyrene
Concen: 44.376 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:252 Resp: 682048

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	10.7	8.6	13.0



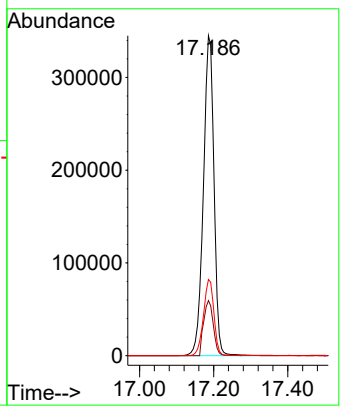


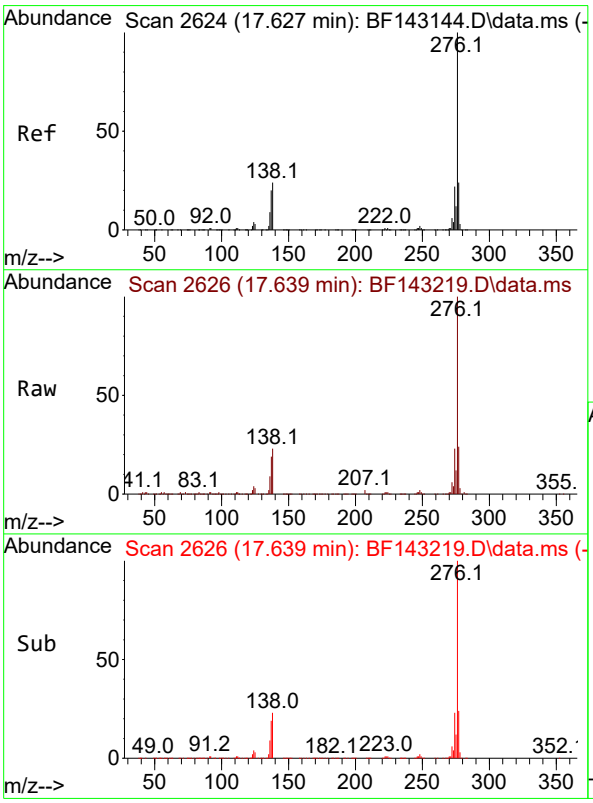
#91
Dibenzo(a,h)anthracene
Concen: 43.764 ng
RT: 17.186 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:278 Resp: 685873

Ion	Ratio	Lower	Upper
278	100		
139	17.2	14.1	21.1
279	23.8	18.6	28.0

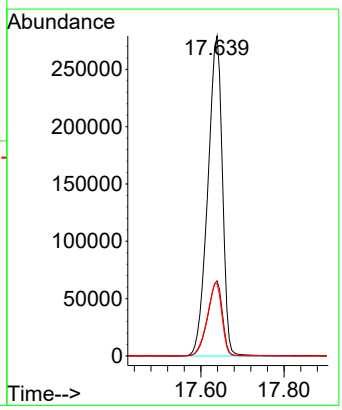




#92
Benzo(g,h,i)perylene
Concen: 44.809 ng
RT: 17.639 min Scan# 2626
Delta R.T. 0.012 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:276 Resp: 679318

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	22.6	18.9	28.3



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143220.D
Acq On : 23 Jul 2025 19:25
Operator : RC/JU
Sample : Q2649-09MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Quant Time: Jul 24 01:19:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	123942	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	487638	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	259548	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	437619	20.000	ng		0.00
76) Chrysene-d12	14.121	240	254287	20.000	ng		0.00
86) Perylene-d12	15.627	264	273112	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.604	112	656400	83.808	ng		0.02
7) Phenol-d6	6.592	99	907029	92.007	ng		0.00
23) Nitrobenzene-d5	7.522	82	621749	63.556	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	247670	92.370	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1024568	53.987	ng		0.00
79) Terphenyl-d14	13.063	244	988316	57.837	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.893	88	136960	36.956	ng		99
3) Pyridine	3.646	79	371563	38.627	ng		99
4) n-Nitrosodimethylamine	3.593	42	212830	42.854	ng		99
6) Aniline	6.622	93	353230	25.709	ng		93
8) 2-Chlorophenol	6.751	128	355457	43.297	ng		97
9) Benzaldehyde	6.510	77	243011	32.874	ng		97
10) Phenol	6.604	94	465478	43.342	ng		95
11) bis(2-Chloroethyl)ether	6.692	93	346838	42.179	ng		100
12) 1,3-Dichlorobenzene	6.904	146	382448	42.883	ng		100
13) 1,4-Dichlorobenzene	6.981	146	388505	43.257	ng		99
14) 1,2-Dichlorobenzene	7.134	146	373177	43.686	ng		99
15) Benzyl Alcohol	7.098	79	339159	45.057	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	651683	42.722	ng		98
17) 2-Methylphenol	7.210	107	306449	44.394	ng		99
18) Hexachloroethane	7.481	117	138420	44.519	ng		98
19) n-Nitroso-di-n-propyla...	7.369	70	267541	42.301	ng		98
20) 3+4-Methylphenols	7.363	107	363208	43.368	ng	#	76
22) Acetophenone	7.369	105	487694	42.243	ng	#	97
24) Nitrobenzene	7.539	77	403268	44.216	ng		99
25) Isophorone	7.781	82	744006	43.082	ng		99
26) 2-Nitrophenol	7.857	139	199741	50.461	ng		99
27) 2,4-Dimethylphenol	7.892	122	346051	42.889	ng		99
28) bis(2-Chloroethoxy)met...	7.986	93	446720	43.143	ng		99
29) 2,4-Dichlorophenol	8.098	162	301890	44.367	ng		99
30) 1,2,4-Trichlorobenzene	8.186	180	322037	43.808	ng		99
31) Naphthalene	8.269	128	1042280	43.400	ng		99
32) Benzoic acid	8.004	122	232787	50.871	ng		98
33) 4-Chloroaniline	8.304	127	76450	7.796	ng		99
34) Hexachlorobutadiene	8.386	225	198172	44.130	ng		98
35) Caprolactam	8.675	113	71897	34.966	ng		100
36) 4-Chloro-3-methylphenol	8.792	107	330408	44.675	ng		97
37) 2-Methylnaphthalene	8.957	142	644249	44.085	ng		100
38) 1-Methylnaphthalene	9.057	142	657451	43.688	ng		99
40) 1,2,4,5-Tetrachloroben...	9.128	216	314114	41.919	ng		99
41) Hexachlorocyclopentadiene	9.116	237	422934	86.742	ng		100
43) 2,4,6-Trichlorophenol	9.233	196	219656	42.355	ng		99

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143220.D
Acq On : 23 Jul 2025 19:25
Operator : RC/JU
Sample : Q2649-09MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Quant Time: Jul 24 01:19:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

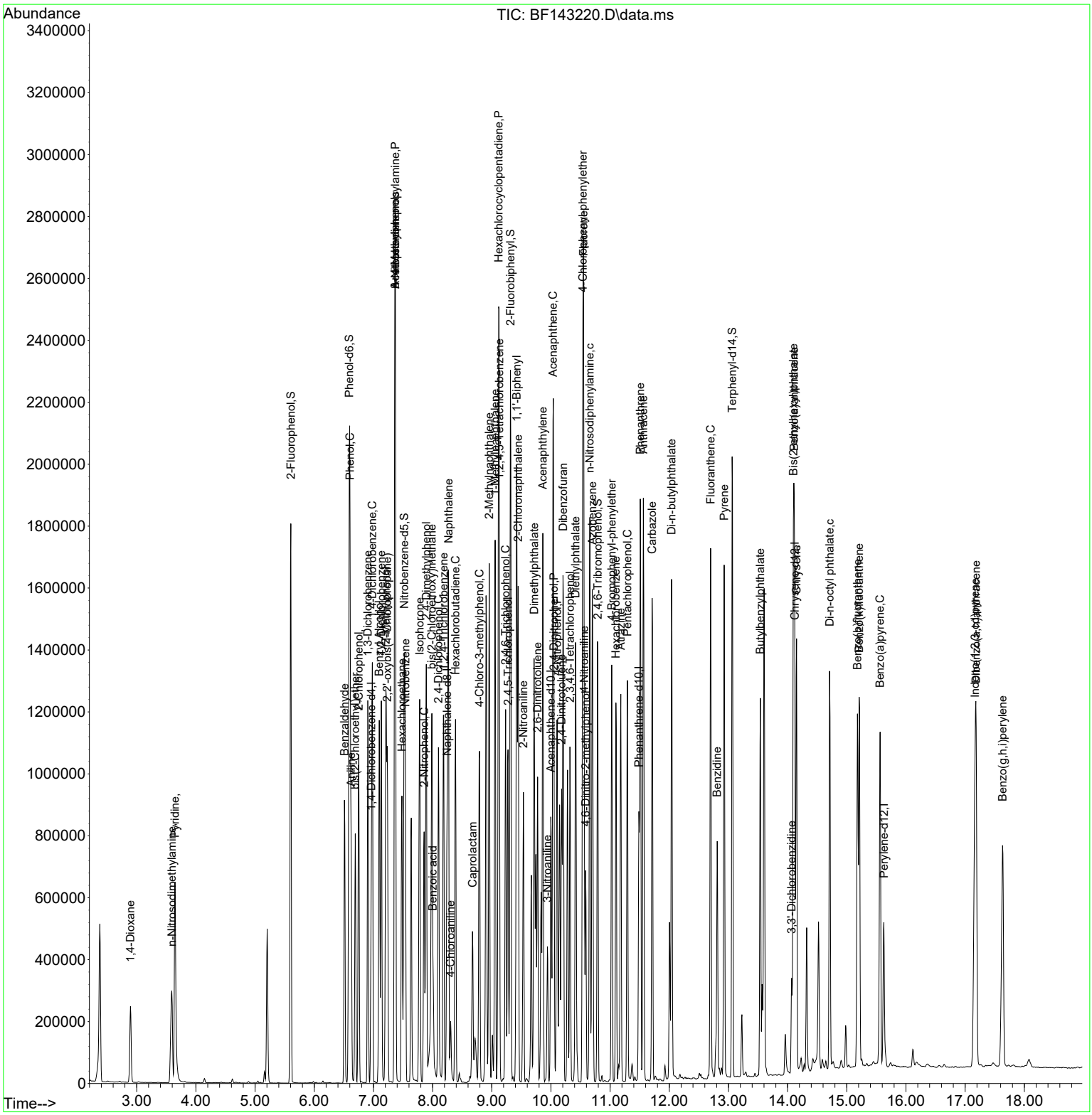
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	234252	45.156	ng		99
46) 1,1'-Biphenyl	9.422	154	867290	42.829	ng		99
47) 2-Chloronaphthalene	9.445	162	632471	42.212	ng		99
48) 2-Nitroaniline	9.533	65	220648	46.959	ng		98
49) Acenaphthylene	9.863	152	1079291	42.983	ng		100
50) Dimethylphthalate	9.716	163	760601	44.958	ng		100
51) 2,6-Dinitrotoluene	9.775	165	167929	48.793	ng		99
52) Acenaphthene	10.033	154	704873	47.495	ng		100
53) 3-Nitroaniline	9.939	138	90150	22.394	ng		99
54) 2,4-Dinitrophenol	10.051	184	178640	111.650	ng	#	1
55) Dibenzofuran	10.204	168	937313	42.539	ng		99
56) 4-Nitrophenol	10.104	139	281333	93.589	ng		98
57) 2,4-Dinitrotoluene	10.180	165	224148	51.912	ng		96
58) Fluorene	10.551	166	710745	42.978	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	181351	42.202	ng		99
60) Diethylphthalate	10.416	149	755779	45.197	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	361466	43.896	ng		99
62) 4-Nitroaniline	10.563	138	164599	47.708	ng		98
63) Azobenzene	10.698	77	843200	48.382	ng		96
65) 4,6-Dinitro-2-methylph...	10.586	198	119890	51.779	ng		98
66) n-Nitrosodiphenylamine	10.657	169	640835	41.586	ng		100
67) 4-Bromophenyl-phenylether	11.027	248	221964	42.561	ng		99
68) Hexachlorobenzene	11.098	284	227510	41.737	ng		98
69) Atrazine	11.180	200	201855	47.514	ng		100
70) Pentachlorophenol	11.292	266	207564	64.749	ng		99
71) Phenanthrene	11.510	178	979358	42.148	ng		99
72) Anthracene	11.563	178	1005804	42.442	ng		99
73) Carbazole	11.710	167	897233	43.359	ng		99
74) Di-n-butylphthalate	12.039	149	1127752	48.165	ng		100
75) Fluoranthene	12.698	202	963087	45.156	ng		99
77) Benzidine	12.810	184	393562	40.172	ng		98
78) Pyrene	12.927	202	949631	43.758	ng		100
80) Butylbenzylphthalate	13.539	149	381019	57.335	ng		98
81) Benzo(a)anthracene	14.110	228	770634	45.266	ng		100
82) 3,3'-Dichlorobenzidine	14.068	252	85433	15.057	ng		99
83) Chrysene	14.151	228	661006	43.184	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	507821	50.487	ng		99
85) Di-n-octyl phthalate	14.710	149	827288	45.375	ng		99
87) Indeno(1,2,3-cd)pyrene	17.168	276	847227	43.993	ng		99
88) Benzo(b)fluoranthene	15.180	252	765048	45.853	ng		100
89) Benzo(k)fluoranthene	15.209	252	649115	43.598	ng		100
90) Benzo(a)pyrene	15.562	252	689200	44.834	ng		99
91) Dibenzo(a,h)anthracene	17.186	278	683787	43.623	ng		98
92) Benzo(g,h,i)perylene	17.633	276	683531	45.080	ng		99

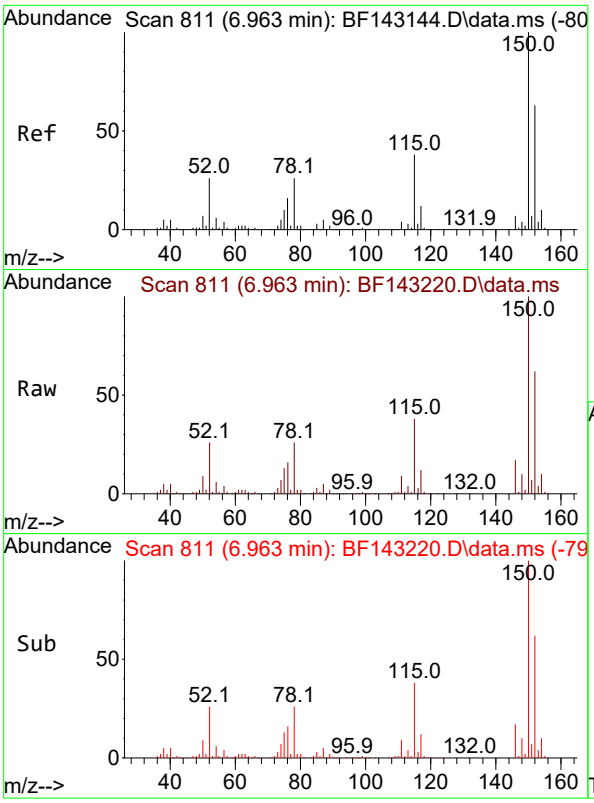
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143220.D
Acq On : 23 Jul 2025 19:25
Operator : RC/JU
Sample : Q2649-09MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Quant Time: Jul 24 01:19:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



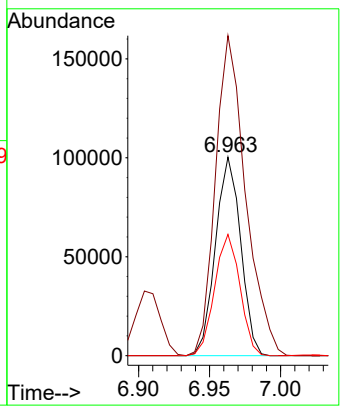


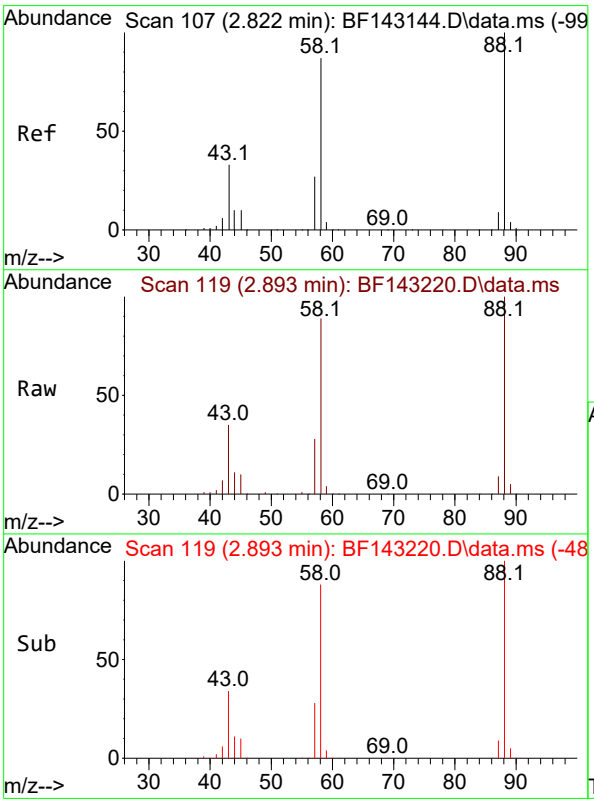
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:152 Resp: 123942

Ion	Ratio	Lower	Upper
152	100		
150	161.1	128.2	192.4
115	61.1	47.9	71.9

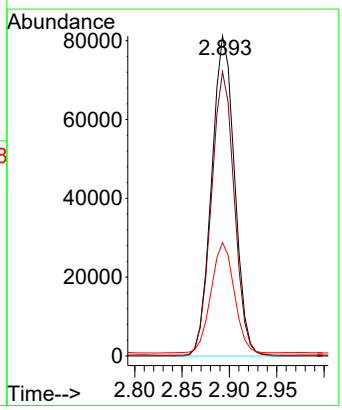


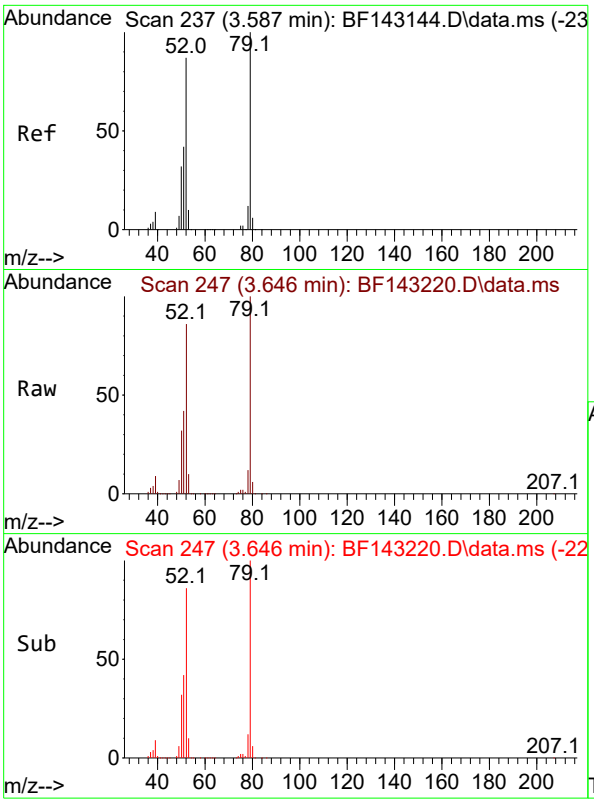


#2
1,4-Dioxane
Concen: 36.956 ng
RT: 2.893 min Scan# 119
Delta R.T. 0.071 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 88 Resp: 136960

Ion	Ratio	Lower	Upper
88	100		
58	88.1	70.2	105.2
43	34.9	27.1	40.7



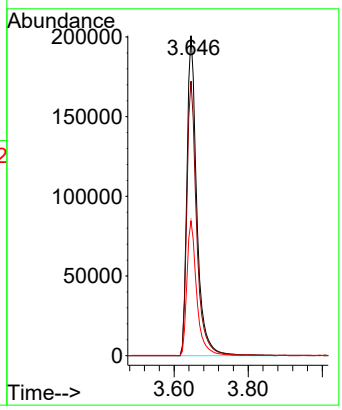


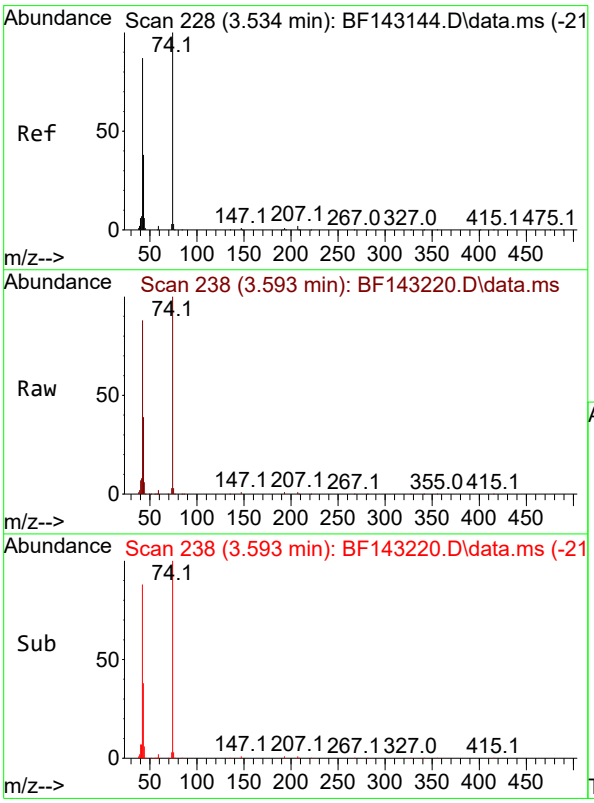
#3
Pyridine
Concen: 38.627 ng
RT: 3.646 min Scan# 24
Delta R.T. 0.059 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion: 79 Resp: 371563

Ion	Ratio	Lower	Upper
79	100		
52	85.8	69.4	104.2
51	42.1	33.5	50.3

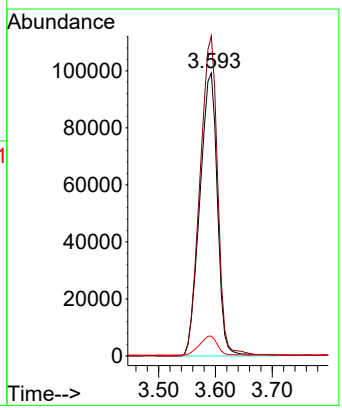


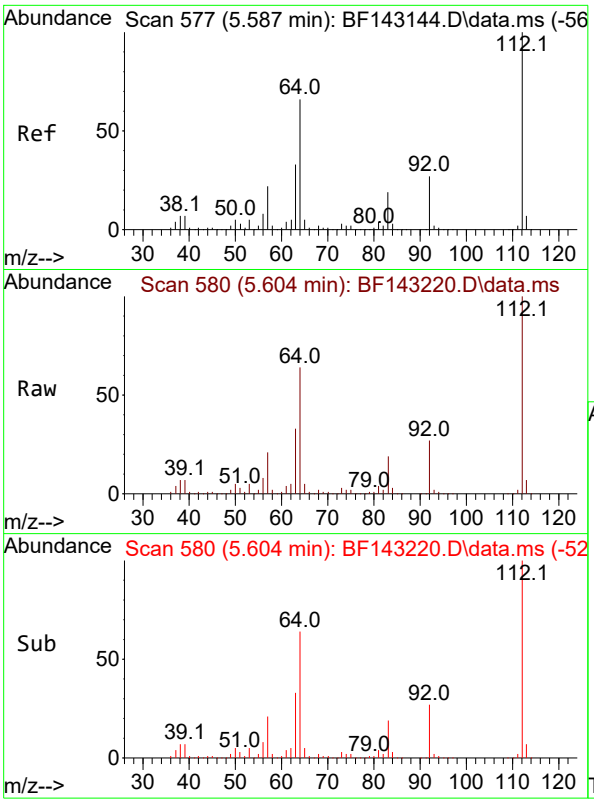


#4
n-Nitrosodimethylamine
Concen: 42.854 ng
RT: 3.593 min Scan# 238
Delta R.T. 0.059 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 42 Resp: 212830

Ion	Ratio	Lower	Upper
42	100		
74	113.1	91.7	137.5
44	7.0	5.6	8.4



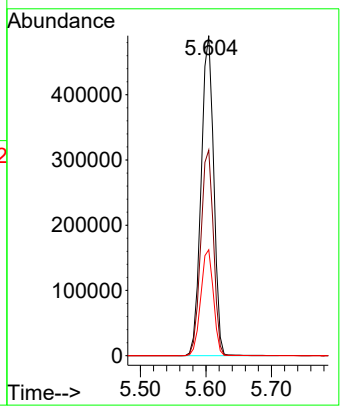


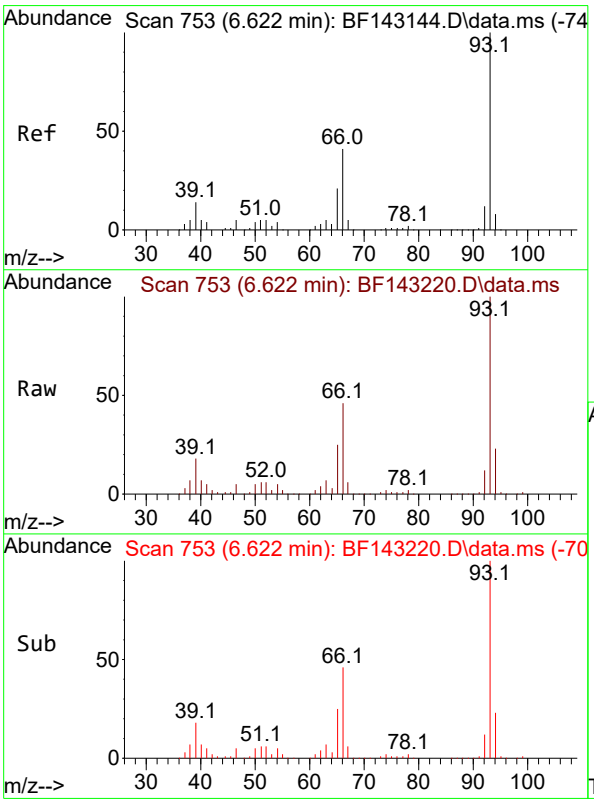
#5
2-Fluorophenol
Concen: 83.808 ng
RT: 5.604 min Scan# 5
Delta R.T. 0.018 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:112 Resp: 656400

Ion	Ratio	Lower	Upper
112	100		
64	64.3	53.1	79.7
63	33.1	26.6	40.0

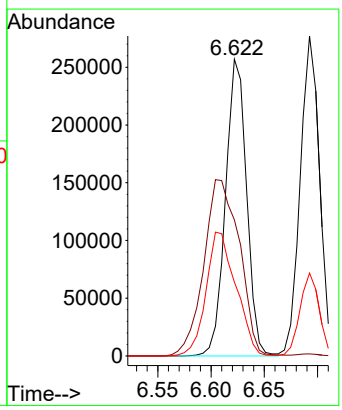


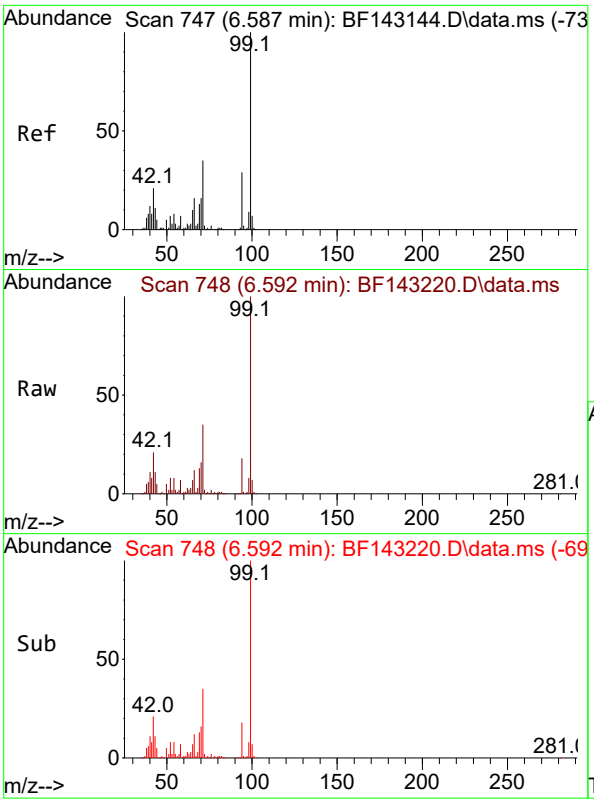


#6
Aniline
Concen: 25.709 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 93 Resp: 353230

Ion	Ratio	Lower	Upper
93	100		
66	45.9	33.2	49.8
65	24.9	16.9	25.3



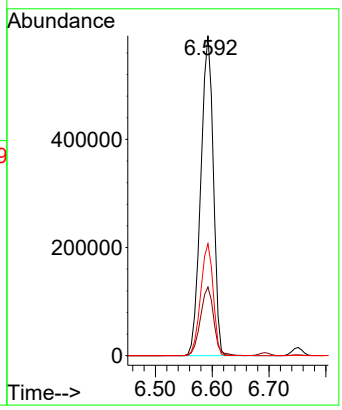


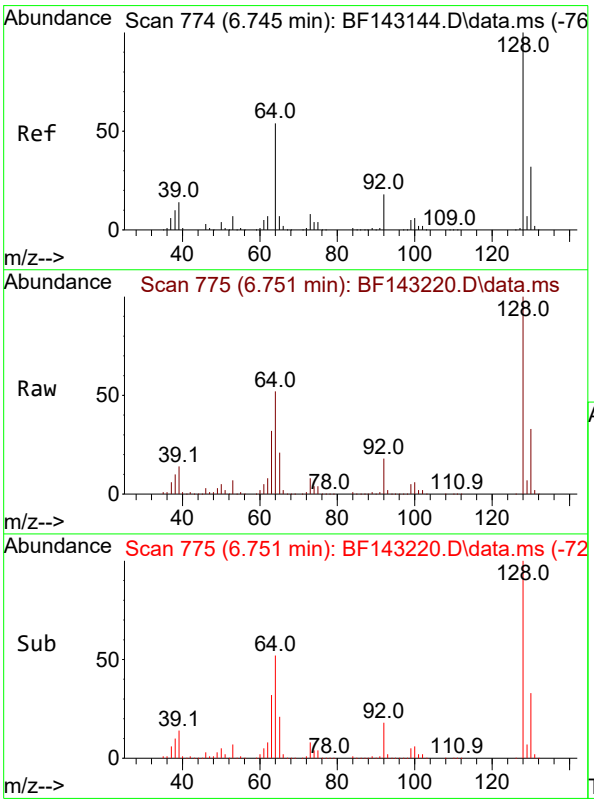
#7
Phenol-d6
Concen: 92.007 ng
RT: 6.592 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion: 99 Resp: 907029

Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.0	25.6
71	35.0	27.7	41.5

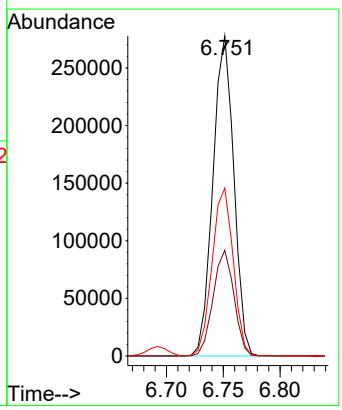


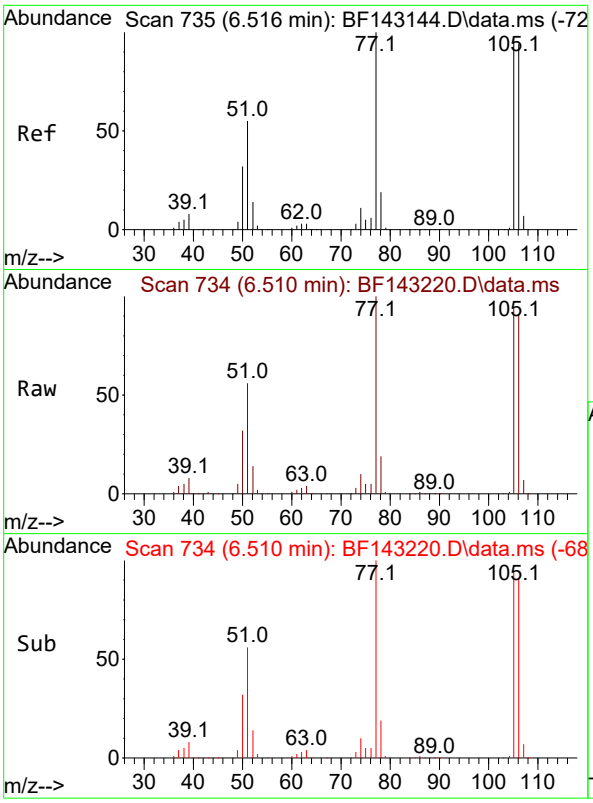


#8
2-Chlorophenol
Concen: 43.297 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:128 Resp: 355457

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.3	52.3
64	52.5	35.9	75.9



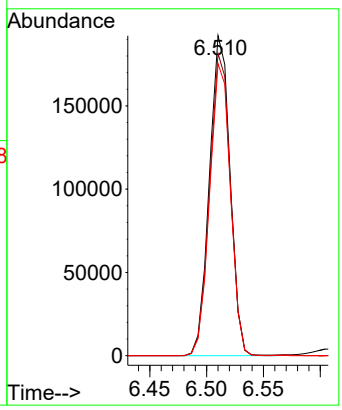


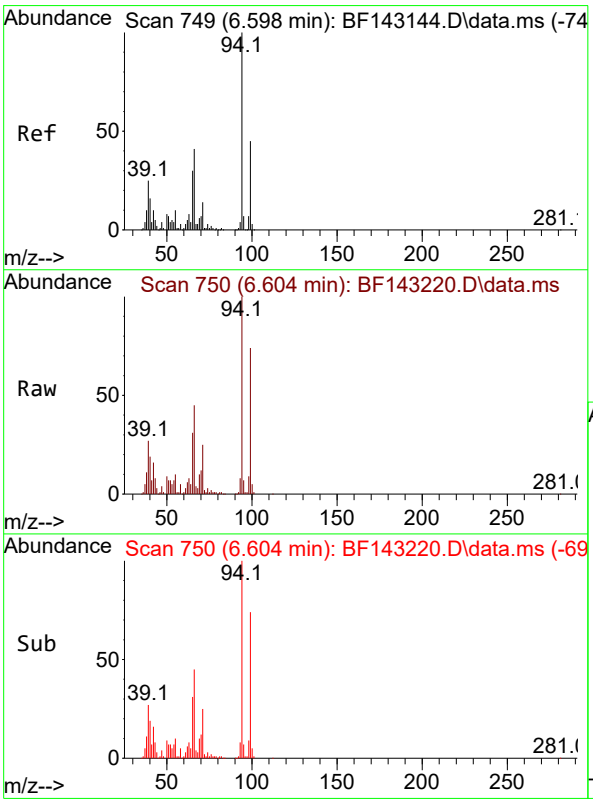
#9
Benzaldehyde
Concen: 32.874 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion: 77 Resp: 243011

Ion	Ratio	Lower	Upper
77	100		
105	94.4	76.8	116.8
106	91.2	74.4	114.4

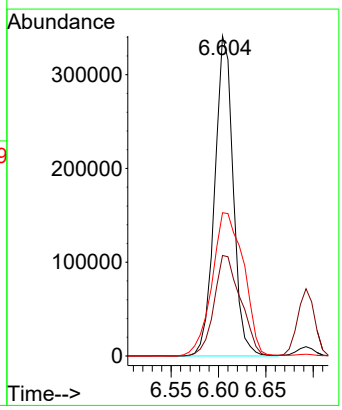


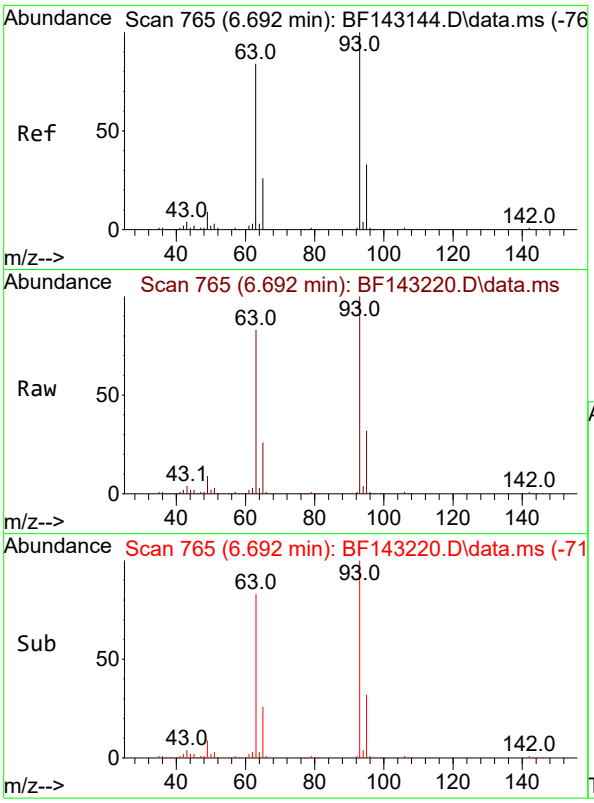


#10
Phenol
Concen: 43.342 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 94 Resp: 465478

Ion	Ratio	Lower	Upper
94	100		
65	31.4	10.0	50.0
66	44.8	20.8	60.8



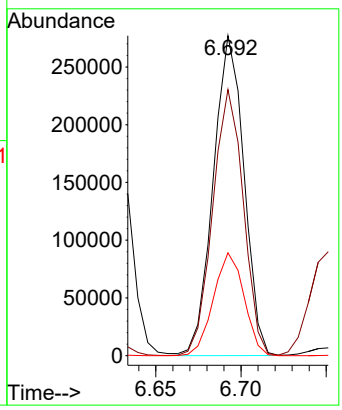


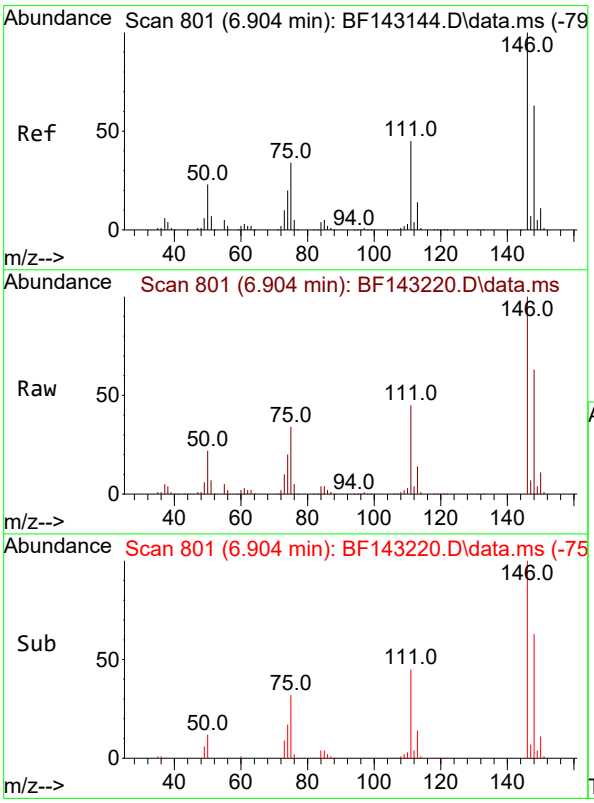
#11
bis(2-Chloroethyl)ether
Concen: 42.179 ng
RT: 6.692 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion: 93 Resp: 346838

Ion	Ratio	Lower	Upper
93	100		
63	83.2	63.4	103.4
95	32.1	12.4	52.4

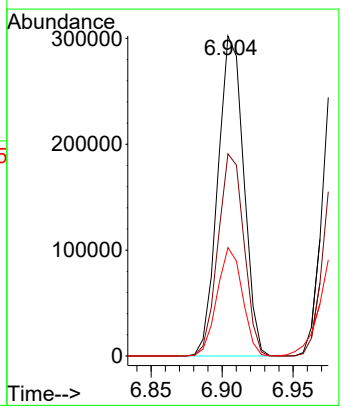


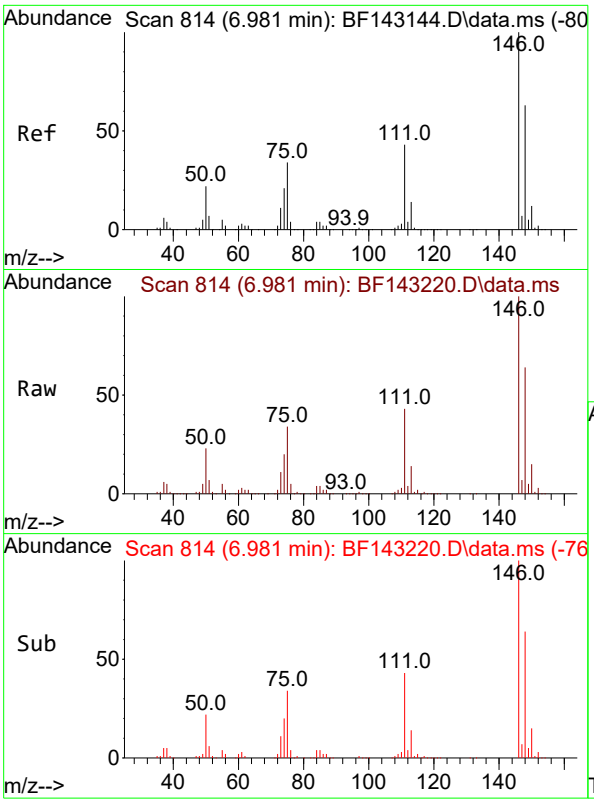


#12
1,3-Dichlorobenzene
Concen: 42.883 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:146 Resp: 382448

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	76.0
75	33.9	27.4	41.2



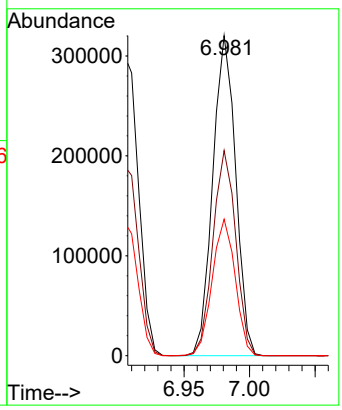


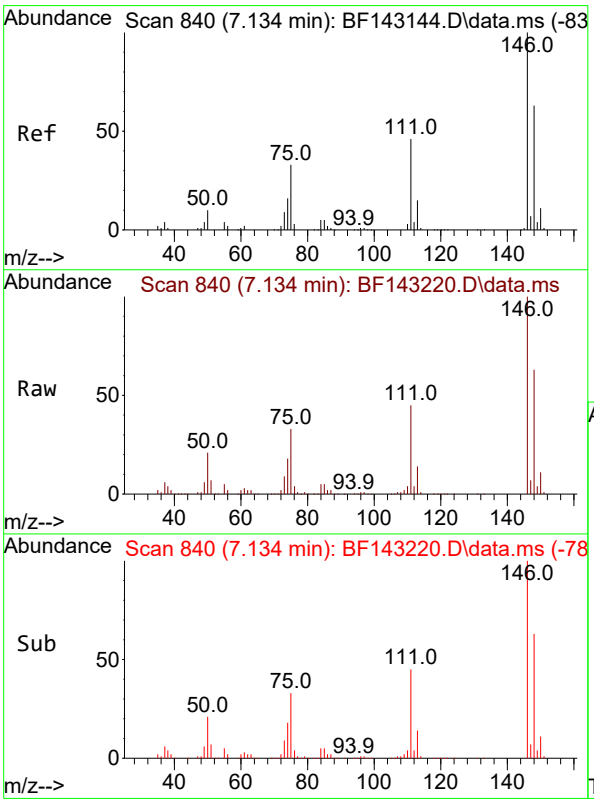
#13
1,4-Dichlorobenzene
Concen: 43.257 ng
RT: 6.981 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:146 Resp: 388505

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.3	75.5
111	42.6	34.4	51.6

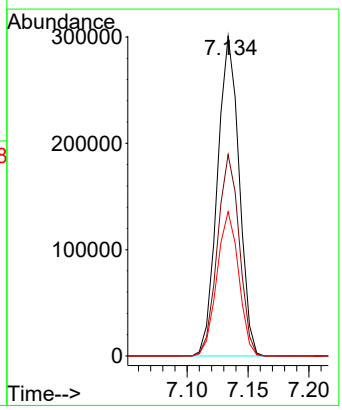


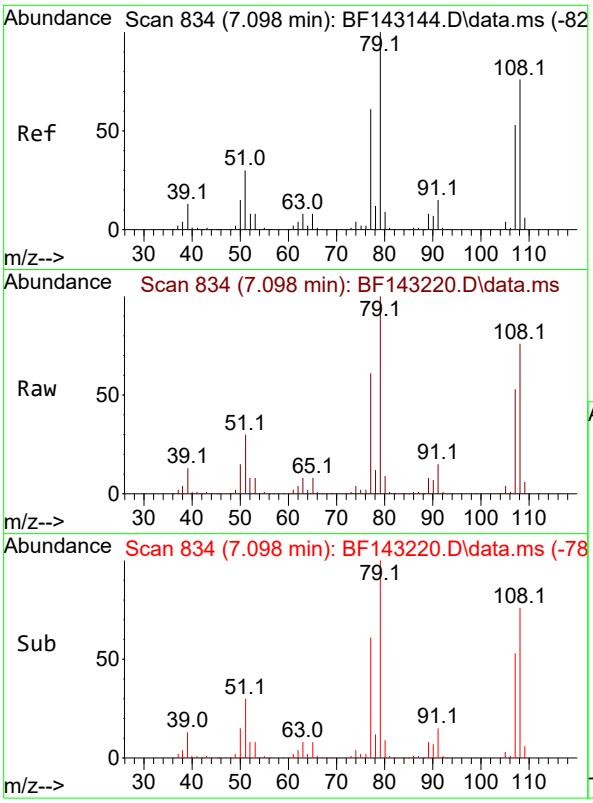


#14
1,2-Dichlorobenzene
Concen: 43.686 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:146 Resp: 373177

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.7	76.1
111	45.1	36.6	54.8



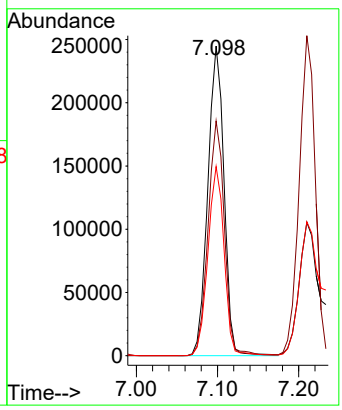


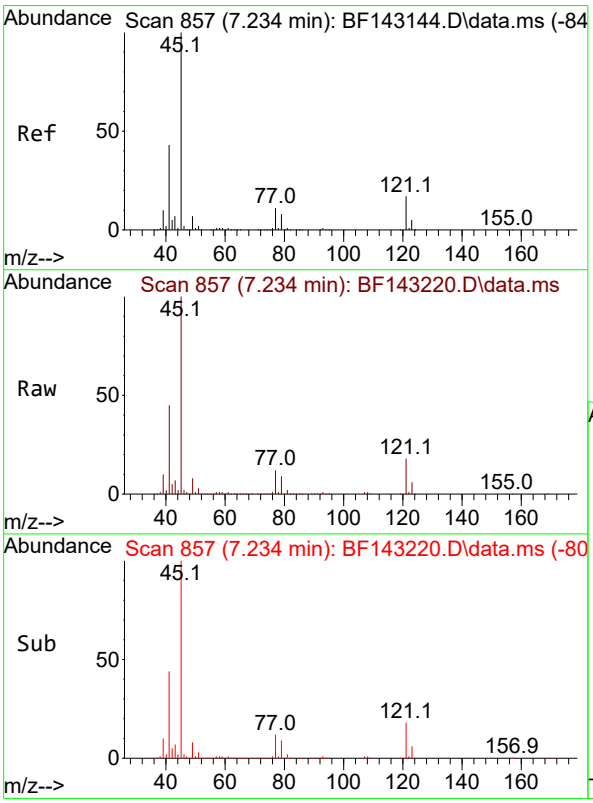
#15
Benzyl Alcohol
Concen: 45.057 ng
RT: 7.098 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion: 79 Resp: 339159

Ion	Ratio	Lower	Upper
79	100		
108	75.8	61.1	91.7
77	61.1	48.9	73.3

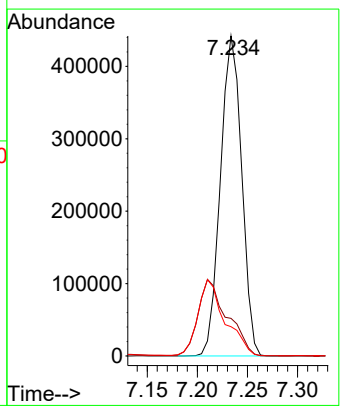


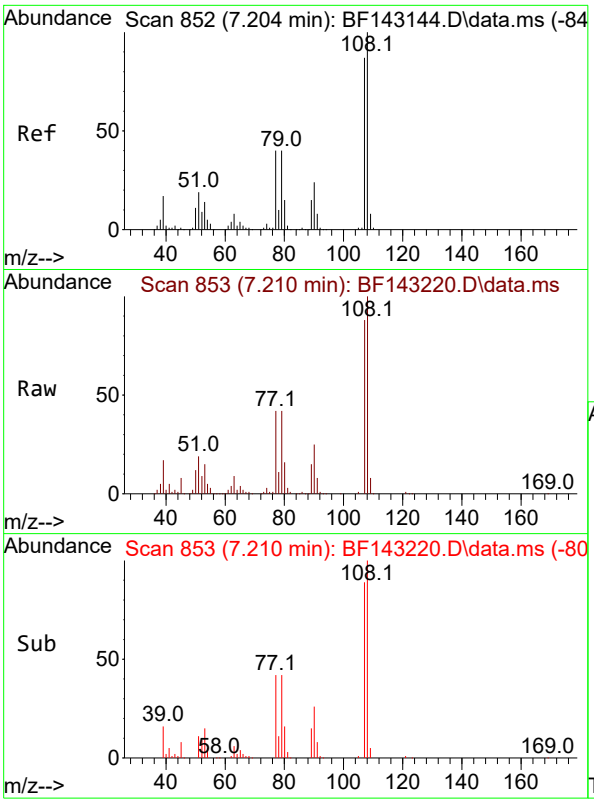


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.722 ng
RT: 7.234 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 45 Resp: 651683

Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	31.2
79	9.1	0.0	28.5



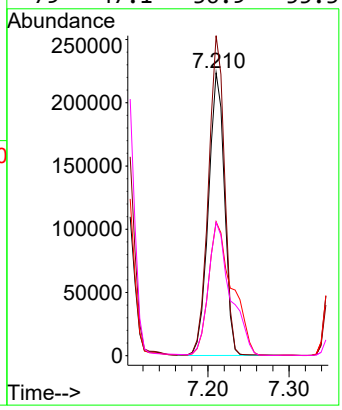


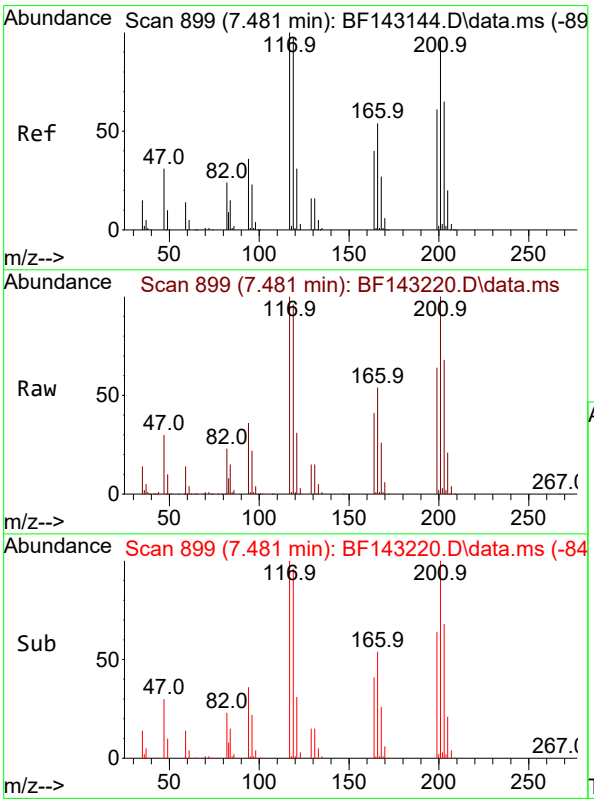
#17
2-Methylphenol
Concen: 44.394 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:107 Resp: 306449

Ion	Ratio	Lower	Upper
107	100		
108	113.1	91.8	137.6
77	47.3	37.0	55.6
79	47.1	36.9	55.3

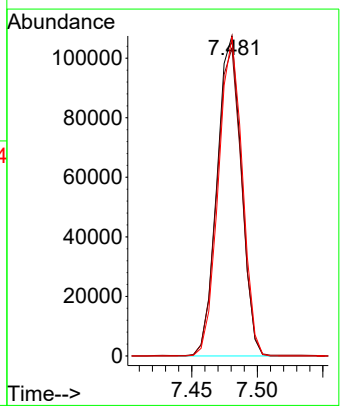


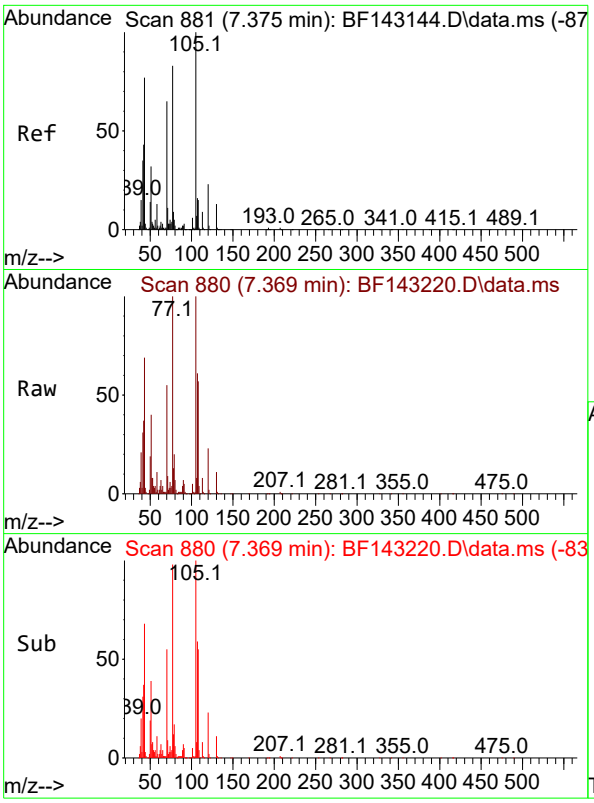


#18
Hexachloroethane
Concen: 44.519 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:117 Resp: 138420

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.8	116.8
201	99.6	77.0	115.4



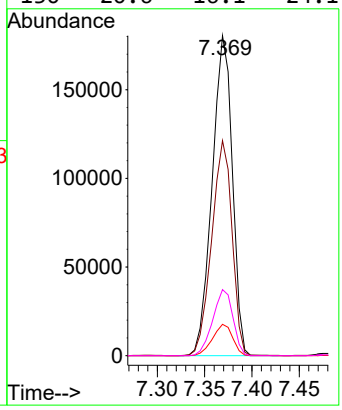


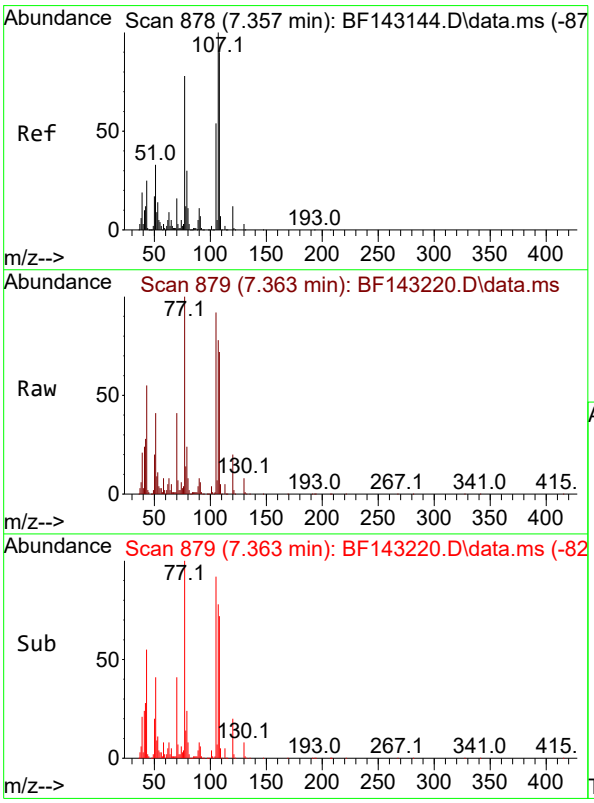
#19
n-Nitroso-di-n-propylamine
Concen: 42.301 ng
RT: 7.369 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion: 70 Resp: 267541

Ion	Ratio	Lower	Upper
70	100		
42	67.2	52.5	78.7
101	9.8	7.6	11.4
130	20.6	16.1	24.1

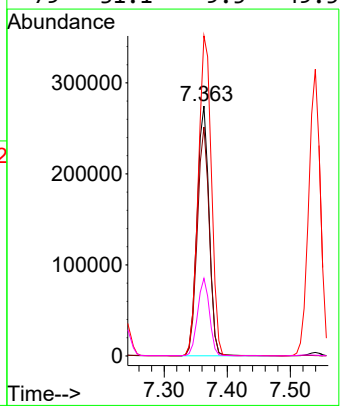


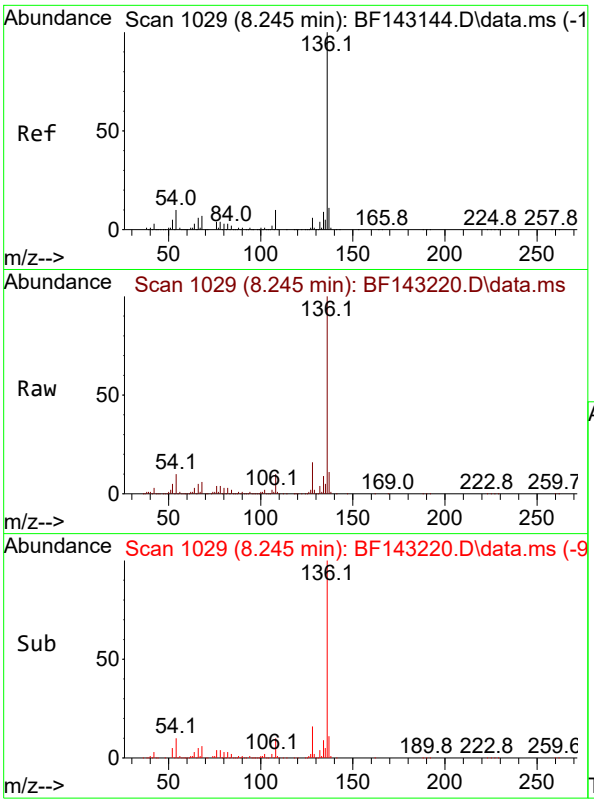


#20
3+4-Methylphenols
Concen: 43.368 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:107 Resp: 363208

Ion	Ratio	Lower	Upper
107	100		
108	91.6	70.0	110.0
77	128.0	57.8	97.8#
79	31.1	9.5	49.5



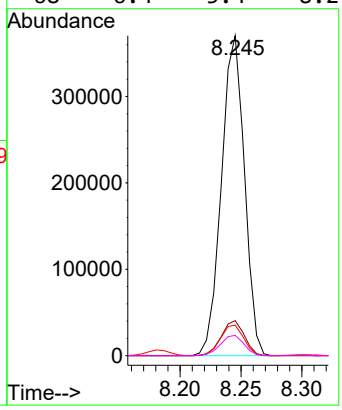


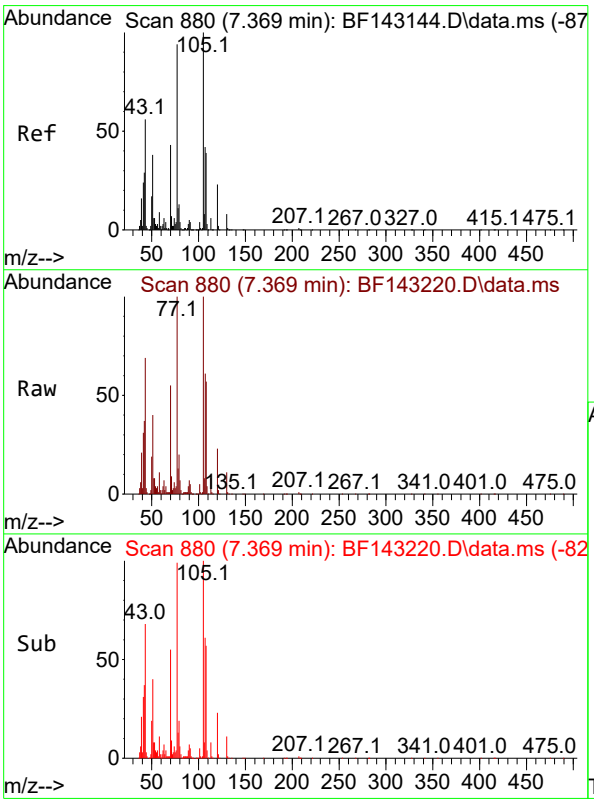
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:136 Resp: 487638

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.5	8.2	12.2
68	6.4	5.4	8.2

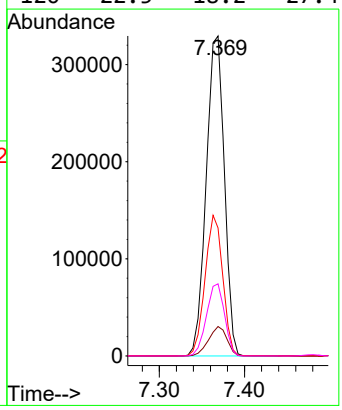


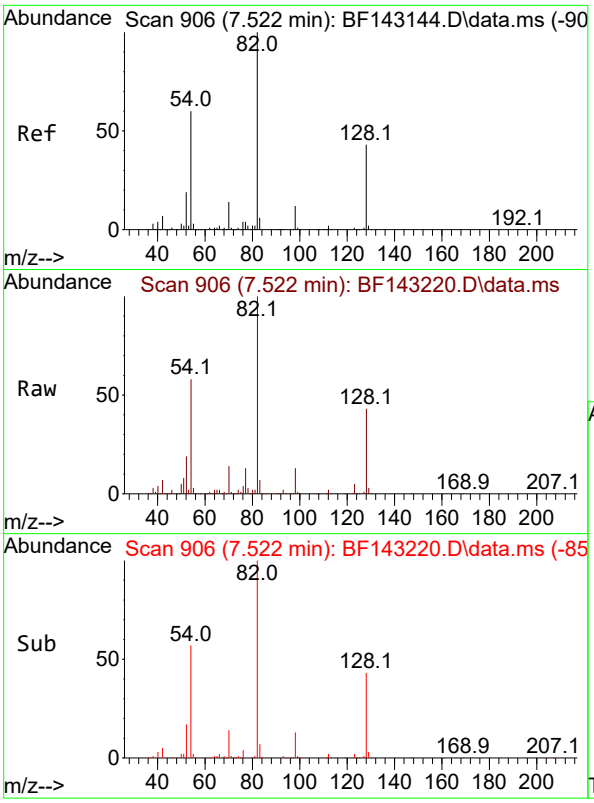


#22
Acetophenone
Concen: 42.243 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:105 Resp: 487694

Ion	Ratio	Lower	Upper
105	100		
71	9.2	5.8	8.6#
51	40.0	30.2	45.2
120	22.5	18.2	27.4



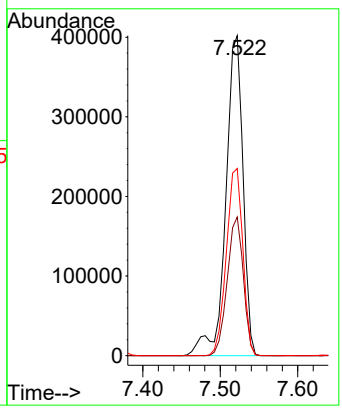


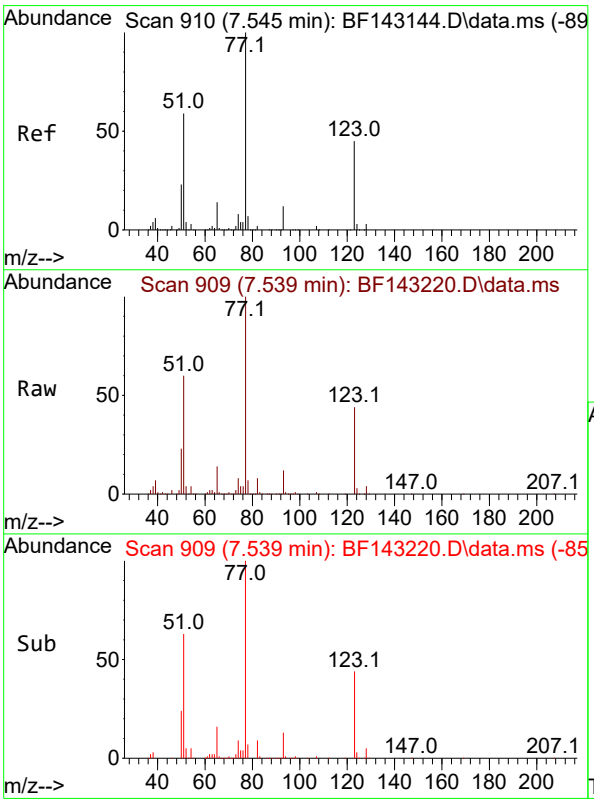
#23
Nitrobenzene-d5
Concen: 63.556 ng
RT: 7.522 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion: 82 Resp: 621749

Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.6	50.4
54	58.5	47.1	70.7

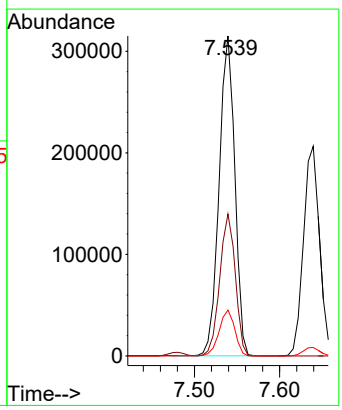


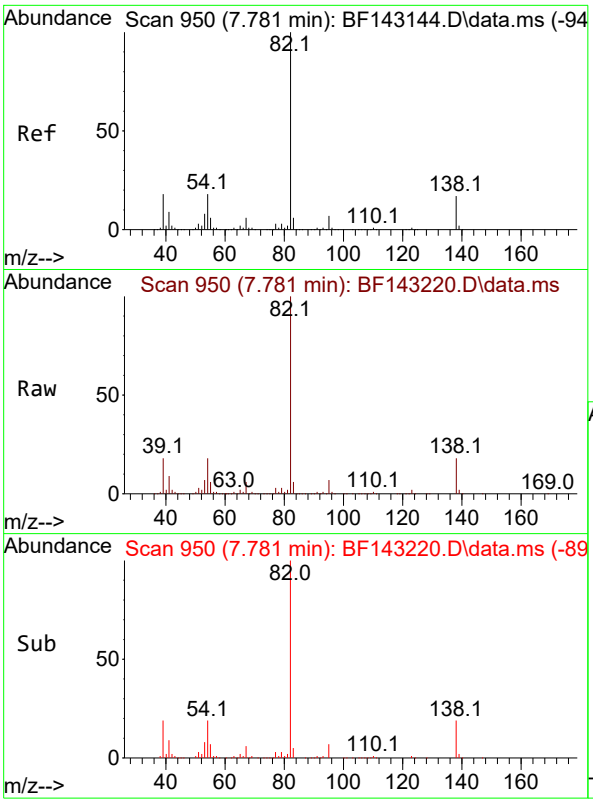


#24
Nitrobenzene
Concen: 44.216 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 77 Resp: 403268

Ion	Ratio	Lower	Upper
77	100		
123	44.3	36.1	54.1
65	14.4	11.4	17.2



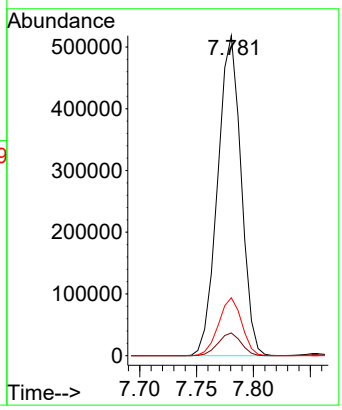


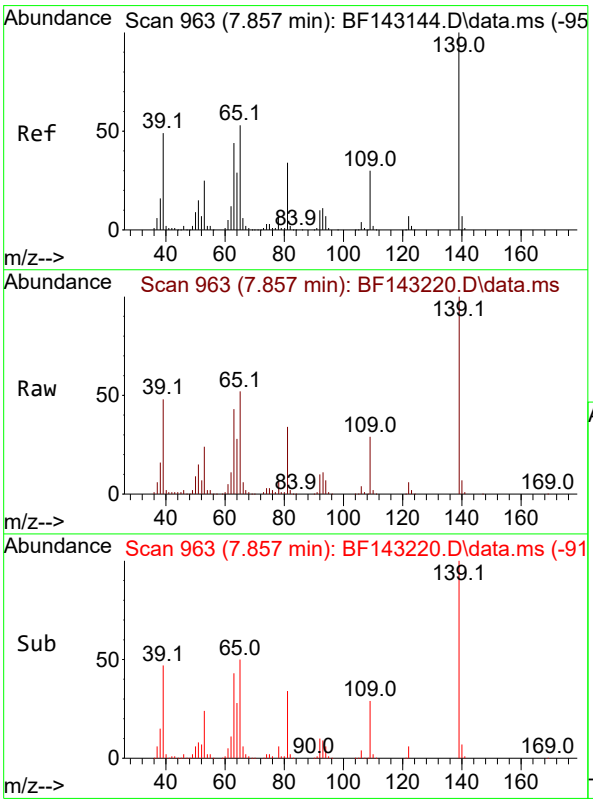
#25
Isophorone
Concen: 43.082 ng
RT: 7.781 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion: 82 Resp: 744006

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.5	8.3
138	18.1	13.8	20.8

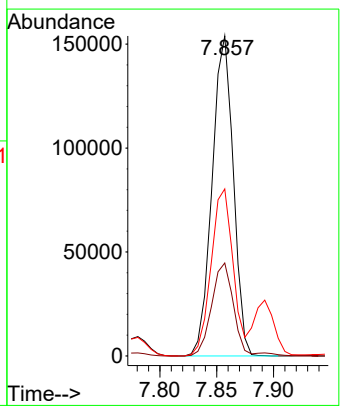


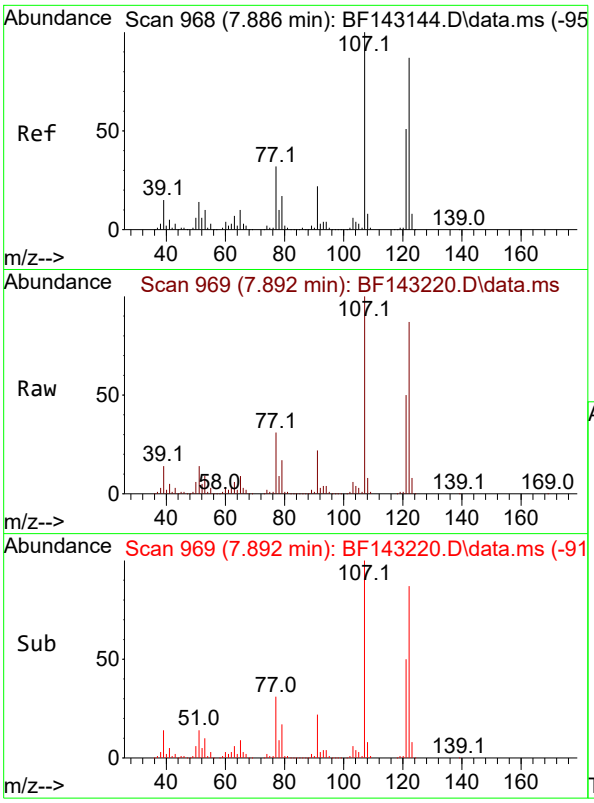


#26
2-Nitrophenol
Concen: 50.461 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:139 Resp: 199741

Ion	Ratio	Lower	Upper
139	100		
109	29.0	23.6	35.4
65	52.2	42.6	64.0



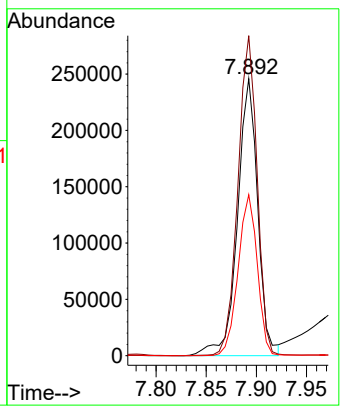


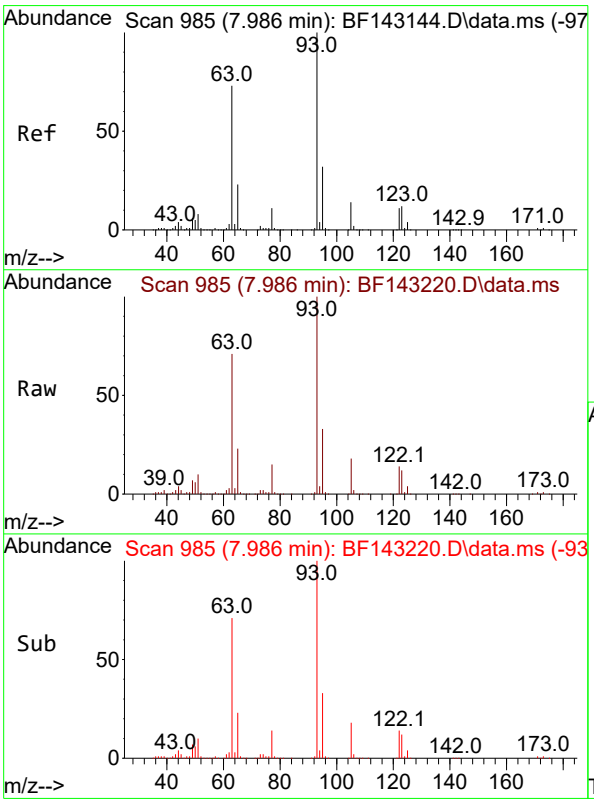
#27
2,4-Dimethylphenol
Concen: 42.889 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:122 Resp: 346051

Ion	Ratio	Lower	Upper
122	100		
107	115.5	91.8	137.6
121	58.1	46.3	69.5

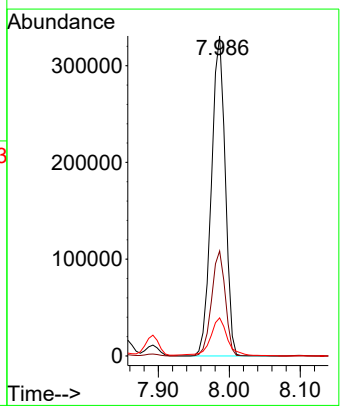


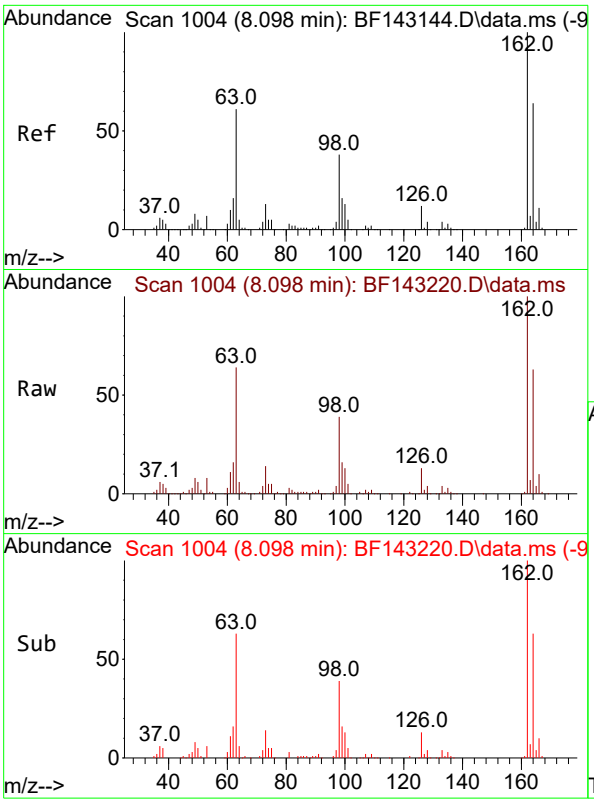


#28
bis(2-Chloroethoxy)methane
Concen: 43.143 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 93 Resp: 446720

Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.8	38.6
123	11.9	9.7	14.5



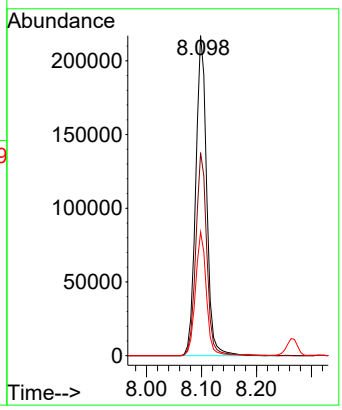


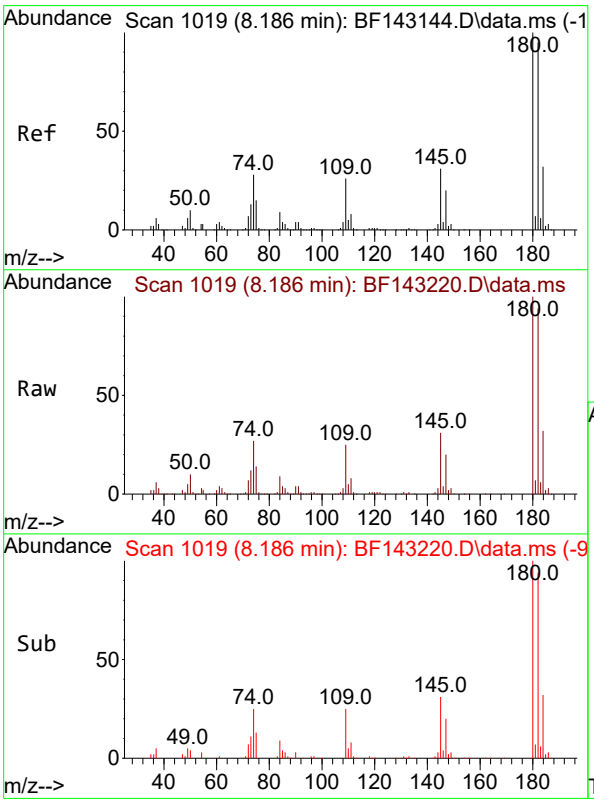
#29
2,4-Dichlorophenol
Concen: 44.367 ng
RT: 8.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:162 Resp: 301890

Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.2	84.2
98	38.7	17.9	57.9

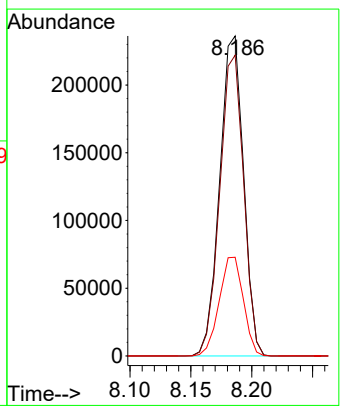


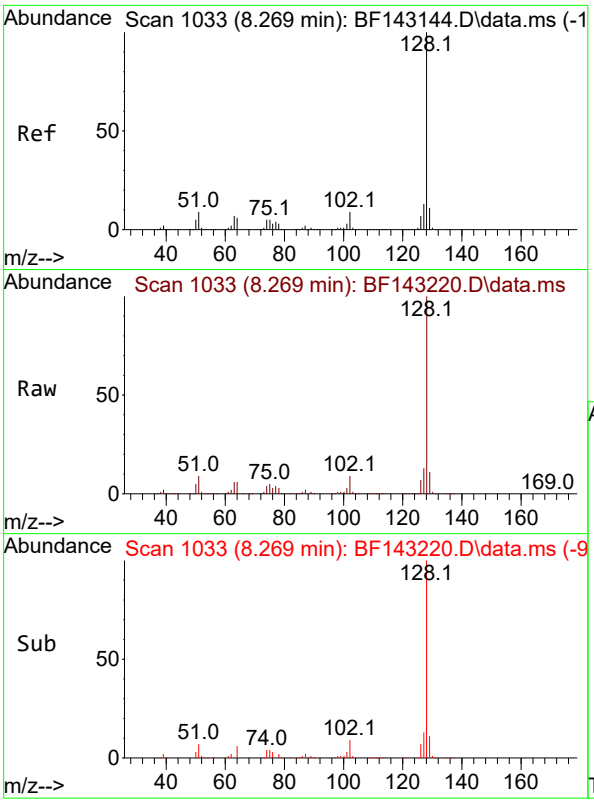


#30
1,2,4-Trichlorobenzene
Concen: 43.808 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:180 Resp: 322037

Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.2	114.2
145	30.9	25.0	37.6



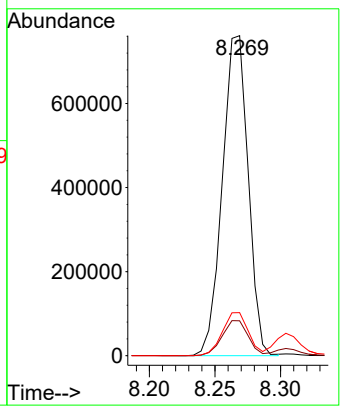


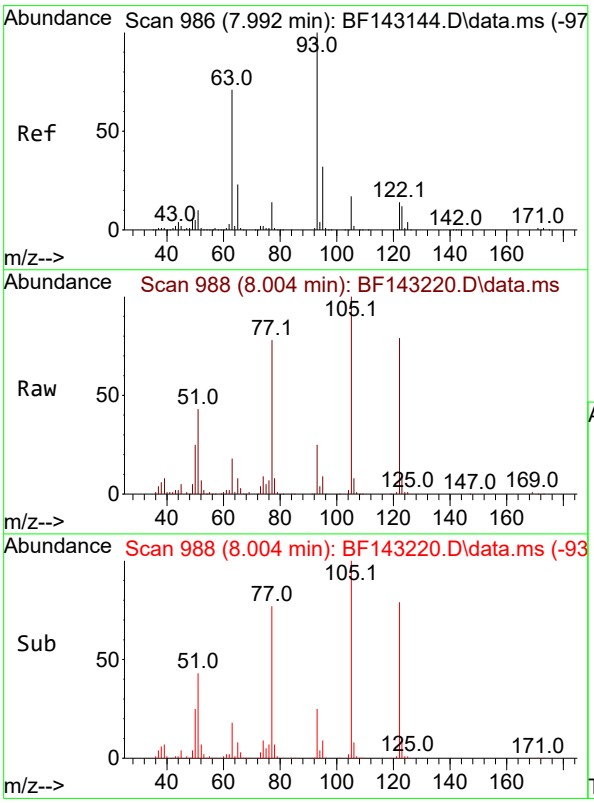
#31
Naphthalene
Concen: 43.400 ng
RT: 8.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:128 Resp: 1042280

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	13.5	10.6	16.0

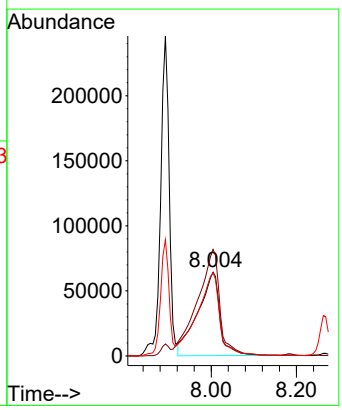


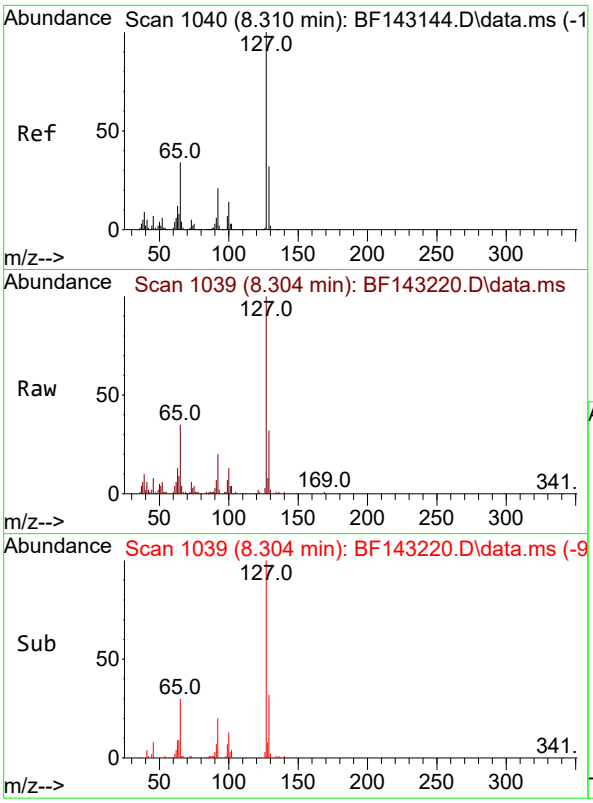


#32
Benzoic acid
Concen: 50.871 ng
RT: 8.004 min Scan# 988
Delta R.T. 0.012 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:122 Resp: 232787

Ion	Ratio	Lower	Upper
122	100		
105	127.4	104.8	144.8
77	99.7	77.6	117.6



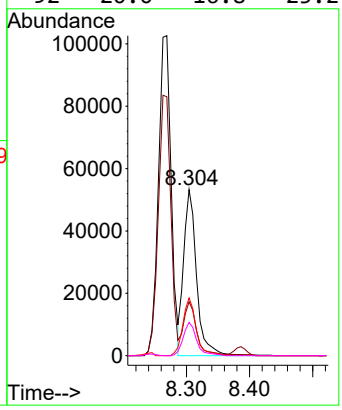


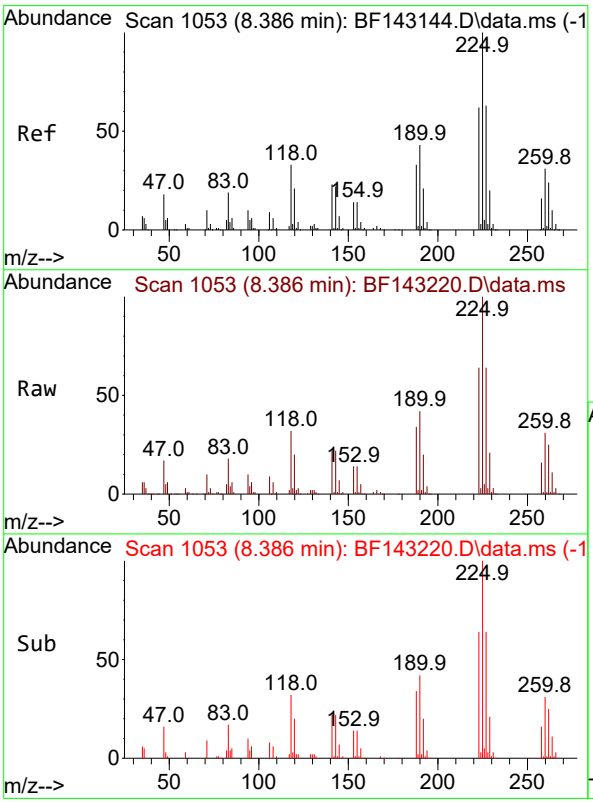
#33
4-Chloroaniline
Concen: 7.796 ng
RT: 8.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:127 Resp: 76450

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	34.8	27.4	41.2
92	20.0	16.8	25.2

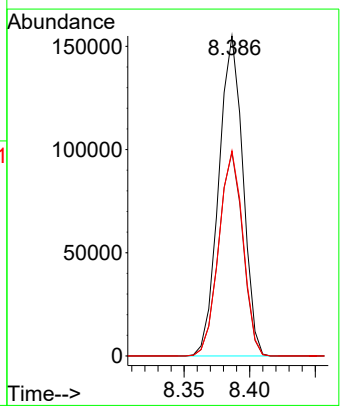


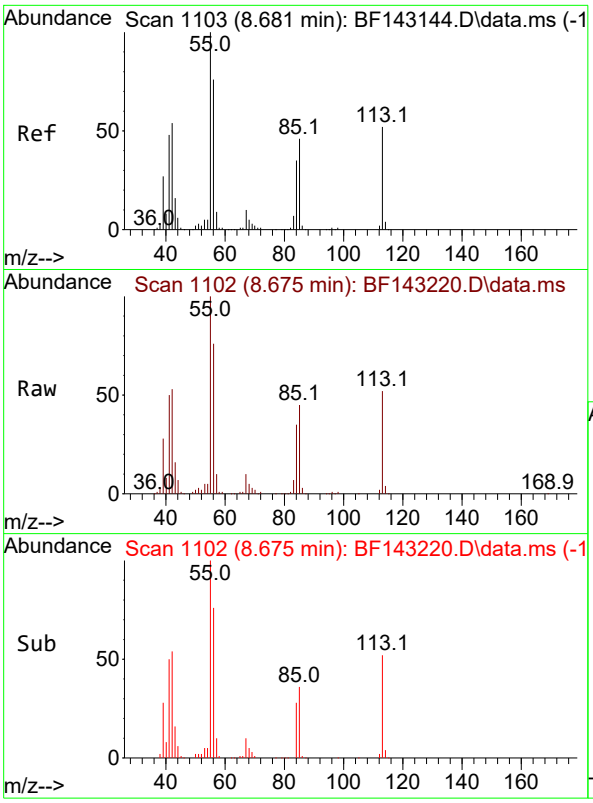


#34
Hexachlorobutadiene
Concen: 44.130 ng
RT: 8.386 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:225 Resp: 198172

Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.8	74.6
227	64.1	50.2	75.4



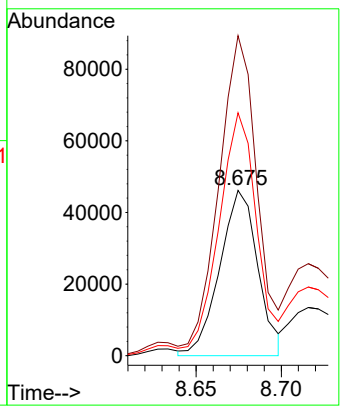


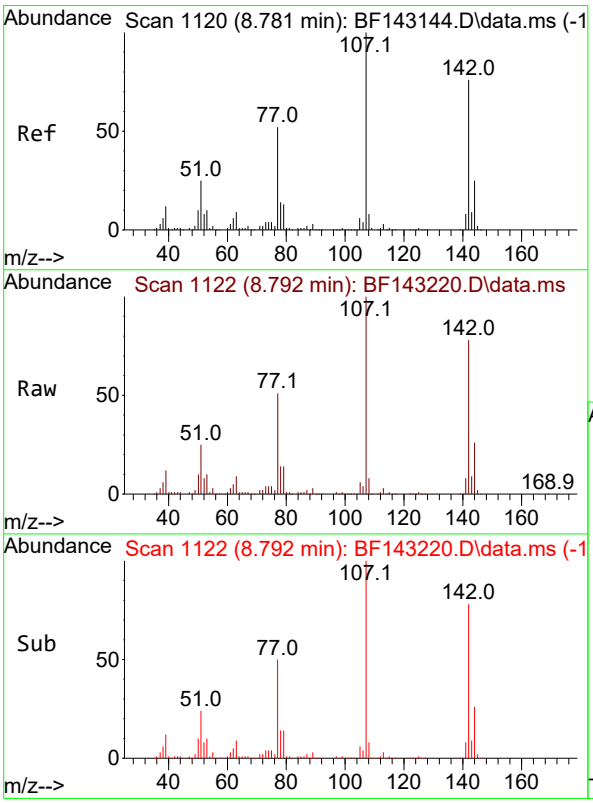
#35
Caprolactam
Concen: 34.966 ng
RT: 8.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:113 Resp: 71897

Ion	Ratio	Lower	Upper
113	100		
55	193.6	174.0	214.0
56	146.9	126.6	166.6

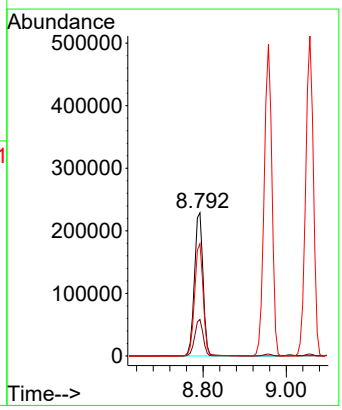


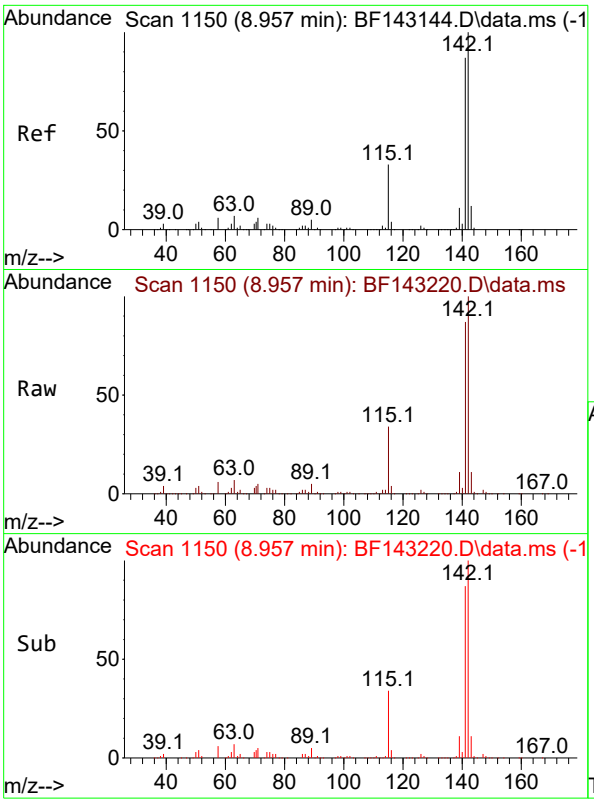


#36
4-Chloro-3-methylphenol
Concen: 44.675 ng
RT: 8.792 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:107 Resp: 330408

Ion	Ratio	Lower	Upper
107	100		
144	25.5	19.8	29.6
142	78.4	60.6	90.8



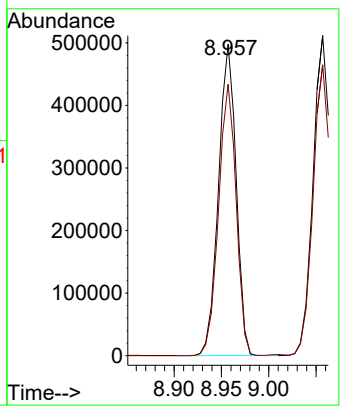


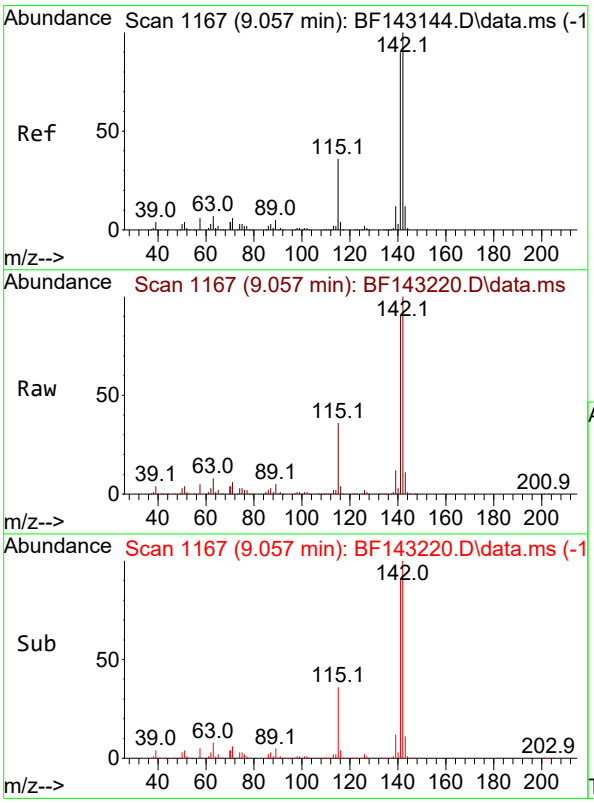
#37
2-Methylnaphthalene
Concen: 44.085 ng
RT: 8.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:142 Resp: 644249

Ion	Ratio	Lower	Upper
142	100		
141	87.1	69.9	104.9

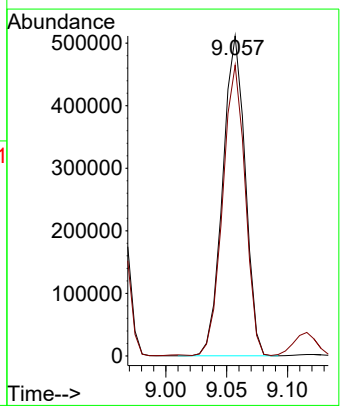


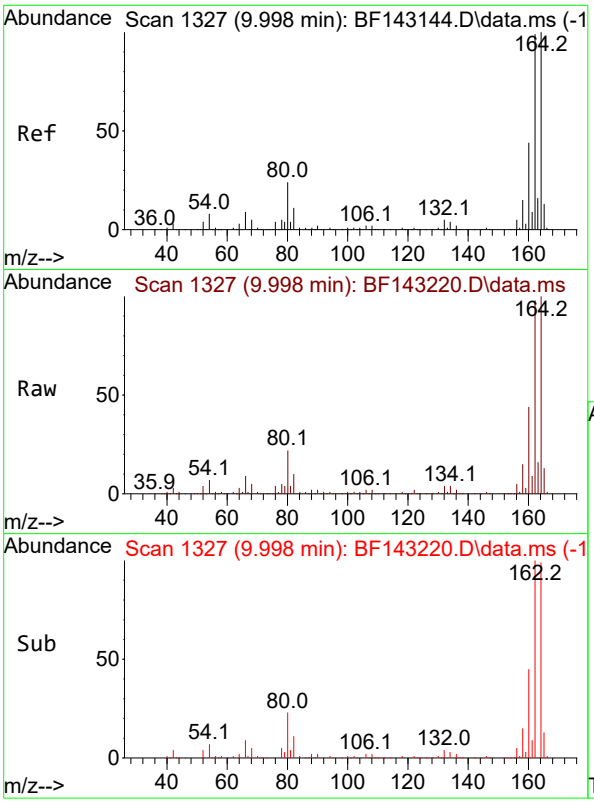


#38
1-Methylnaphthalene
Concen: 43.688 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:142 Resp: 657451

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.3	108.5



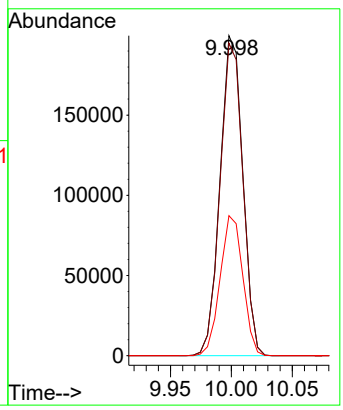


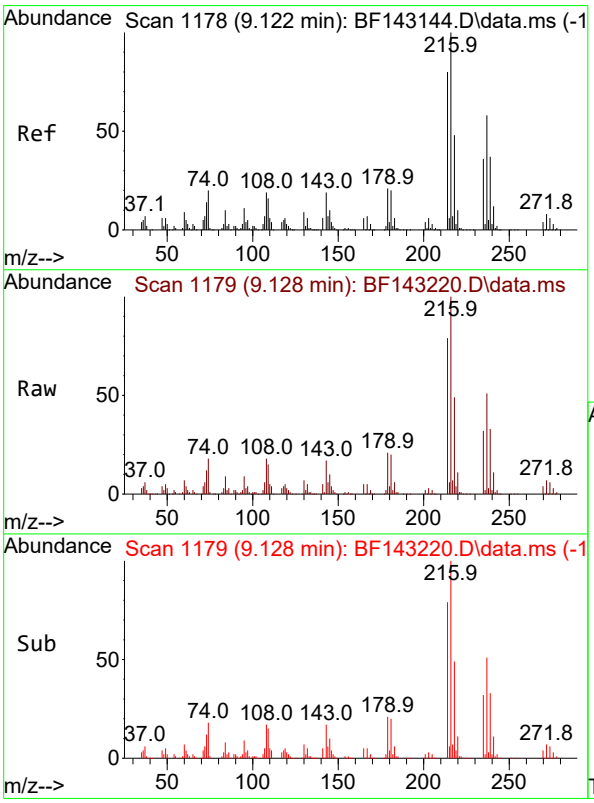
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:164 Resp: 259548

Ion	Ratio	Lower	Upper
164	100		
162	97.7	79.0	118.6
160	43.8	35.1	52.7

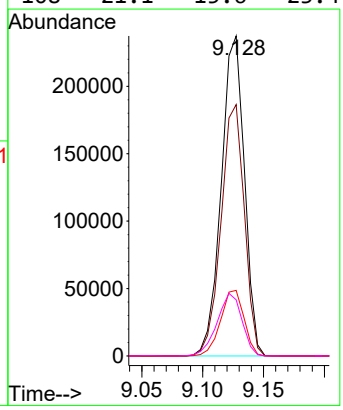


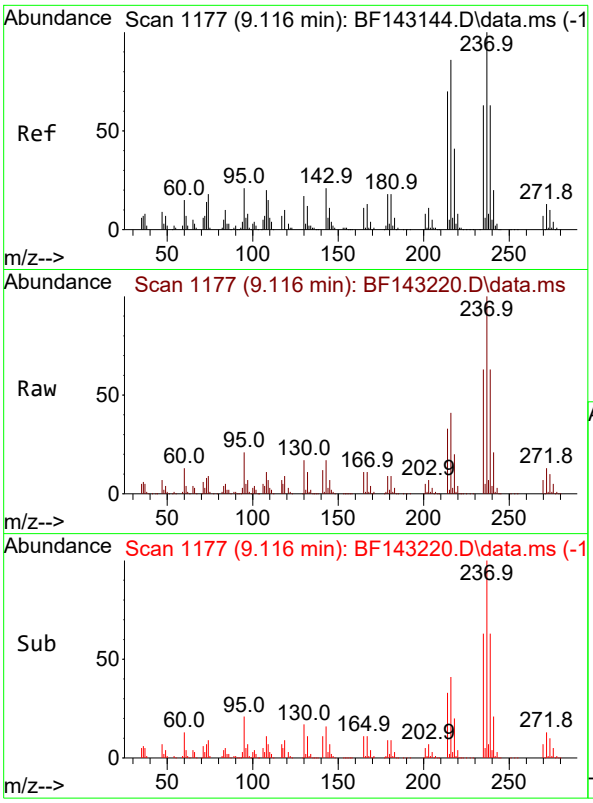


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.919 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:216 Resp: 314114

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.8	95.8
179	20.9	16.4	24.6
108	21.1	15.6	23.4



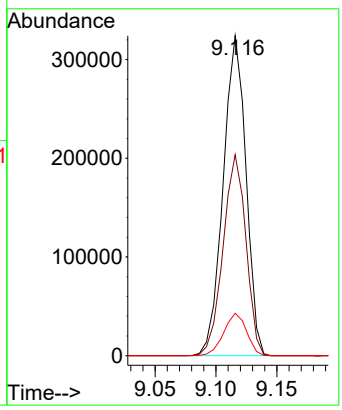


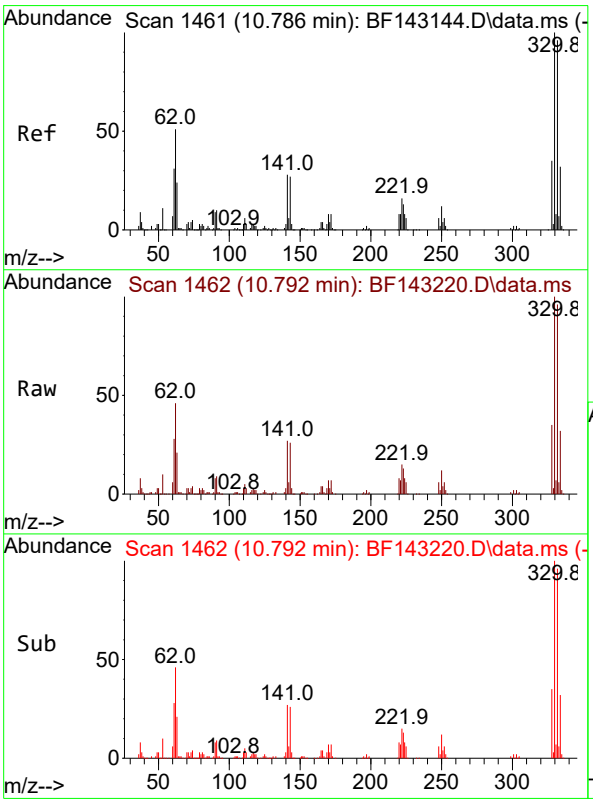
#41
Hexachlorocyclopentadiene
Concen: 86.742 ng
RT: 9.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:237 Resp: 422934

Ion	Ratio	Lower	Upper
237	100		
235	62.8	43.0	83.0
272	13.2	0.0	33.3

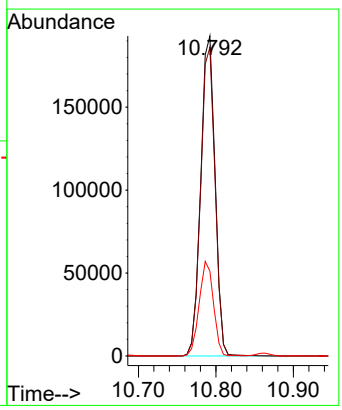


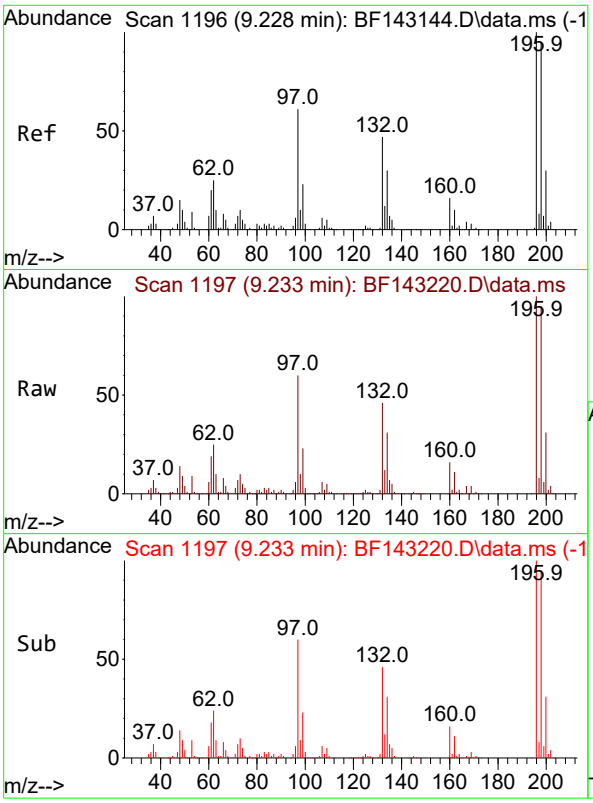


#42
2,4,6-Tribromophenol
Concen: 92.370 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:330 Resp: 247670

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.7	115.1
141	29.4	23.3	34.9



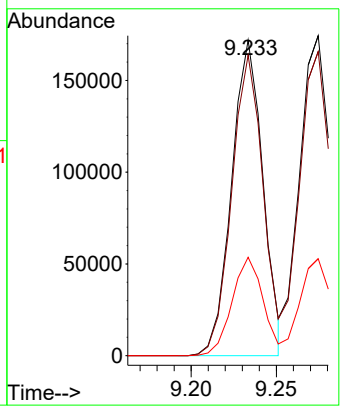


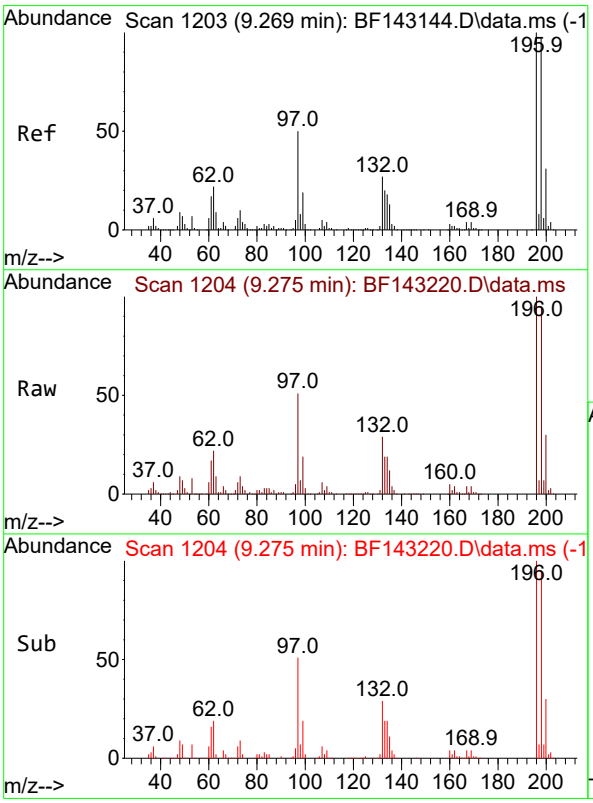
#43
2,4,6-Trichlorophenol
Concen: 42.355 ng
RT: 9.233 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:196 Resp: 219656

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
200	31.2	23.9	35.9

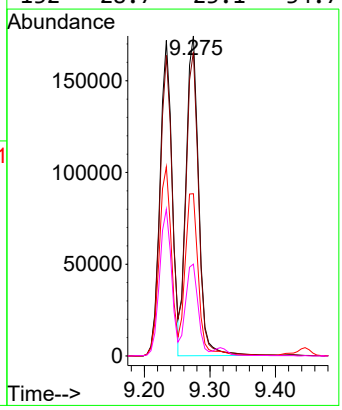


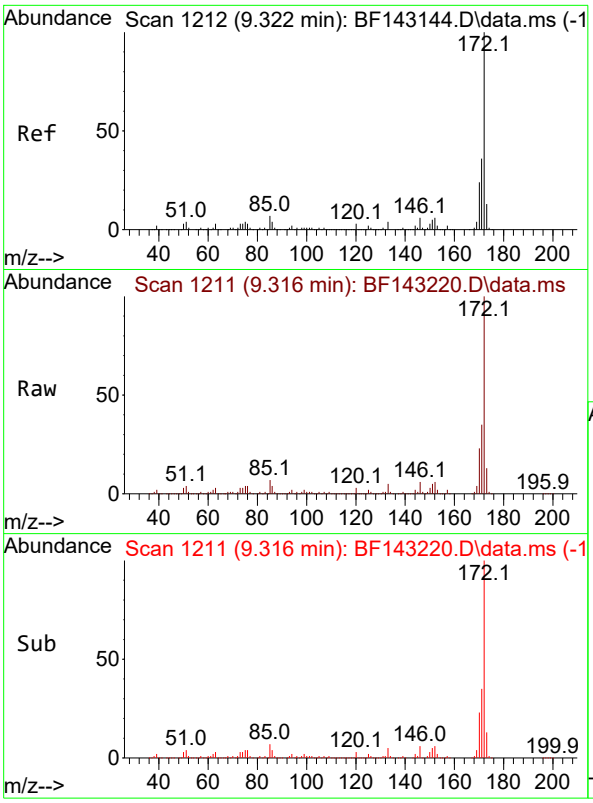


#44
2,4,5-Trichlorophenol
Concen: 45.156 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:196 Resp: 234252

Ion	Ratio	Lower	Upper
196	100		
198	95.0	77.3	115.9
97	50.7	40.3	60.5
132	28.7	23.1	34.7



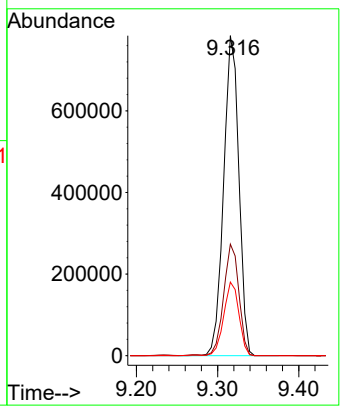


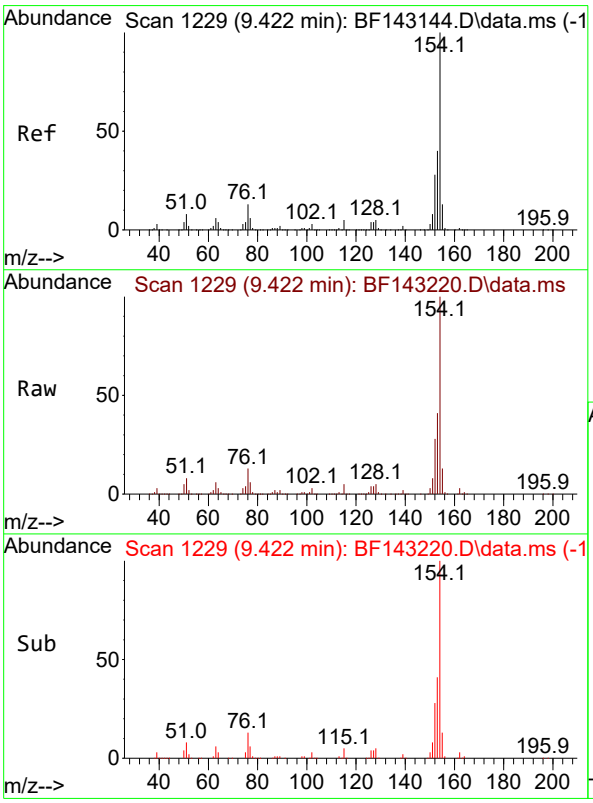
#45
2-Fluorobiphenyl
Concen: 53.987 ng
RT: 9.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:172 Resp: 1024568

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	42.8
170	23.0	18.8	28.2

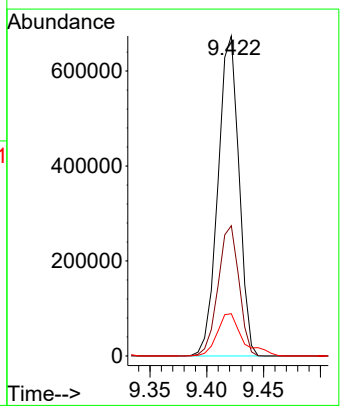


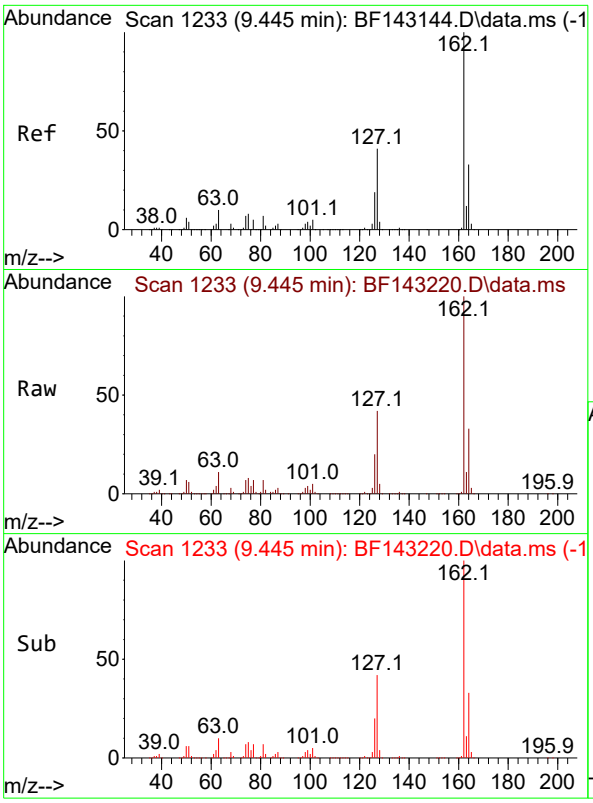


#46
1,1'-Biphenyl
Concen: 42.829 ng
RT: 9.422 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:154 Resp: 867290

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.3	60.3
76	13.2	0.0	33.3



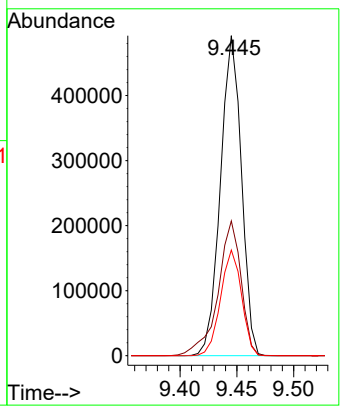


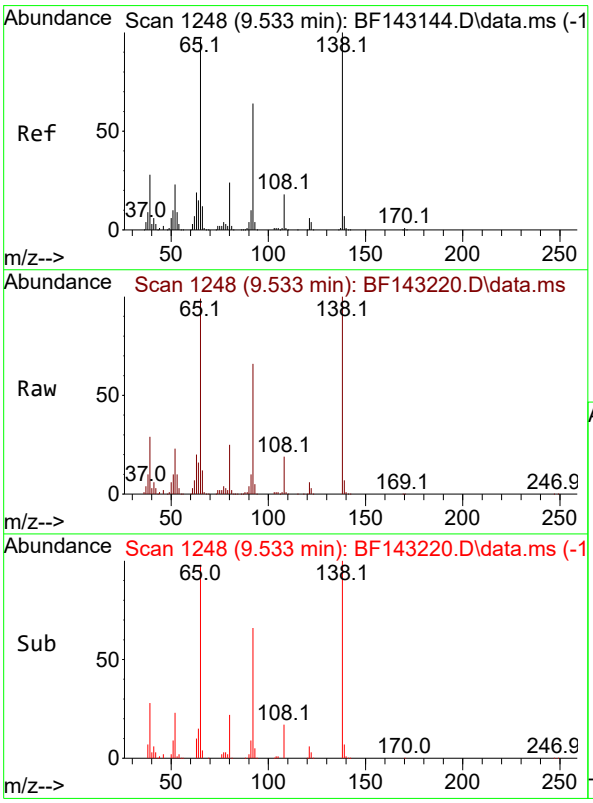
#47
2-Chloronaphthalene
Concen: 42.212 ng
RT: 9.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:162 Resp: 632471

Ion	Ratio	Lower	Upper
162	100		
127	42.1	33.4	50.2
164	33.0	26.2	39.2

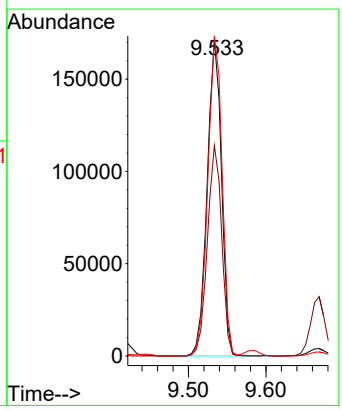


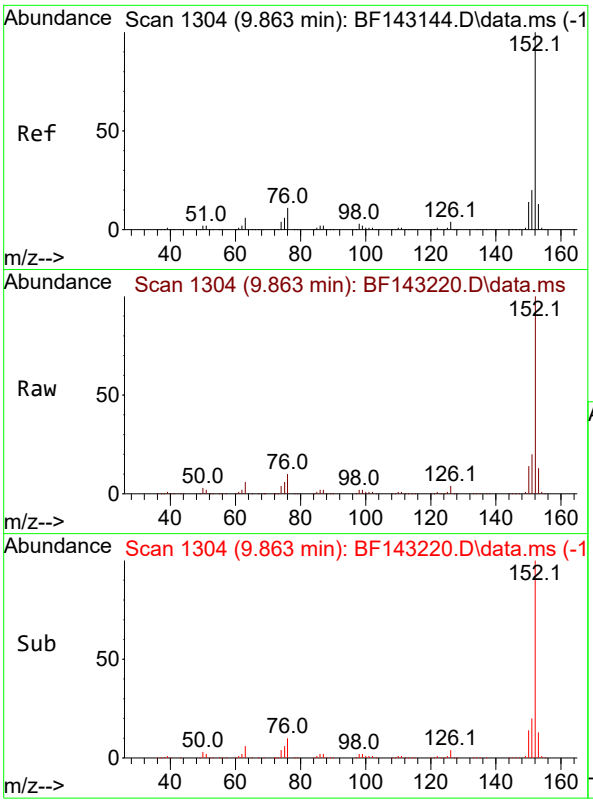


#48
2-Nitroaniline
Concen: 46.959 ng
RT: 9.533 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 65 Resp: 220648

Ion	Ratio	Lower	Upper
65	100		
92	66.6	52.4	78.6
138	101.3	82.3	123.5



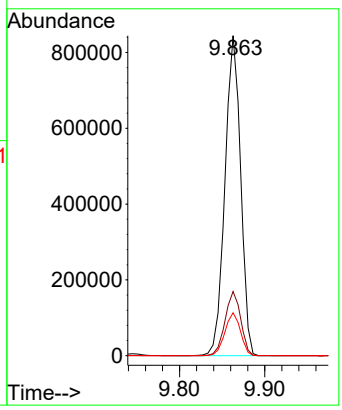


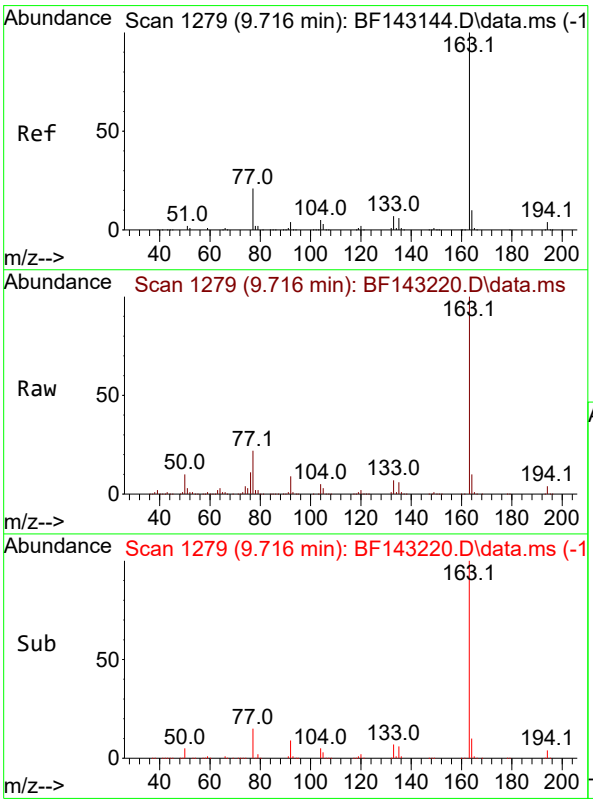
#49
Acenaphthylene
Concen: 42.983 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:152 Resp: 1079291

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	13.4	10.6	16.0

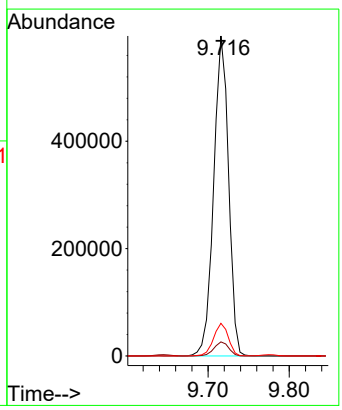


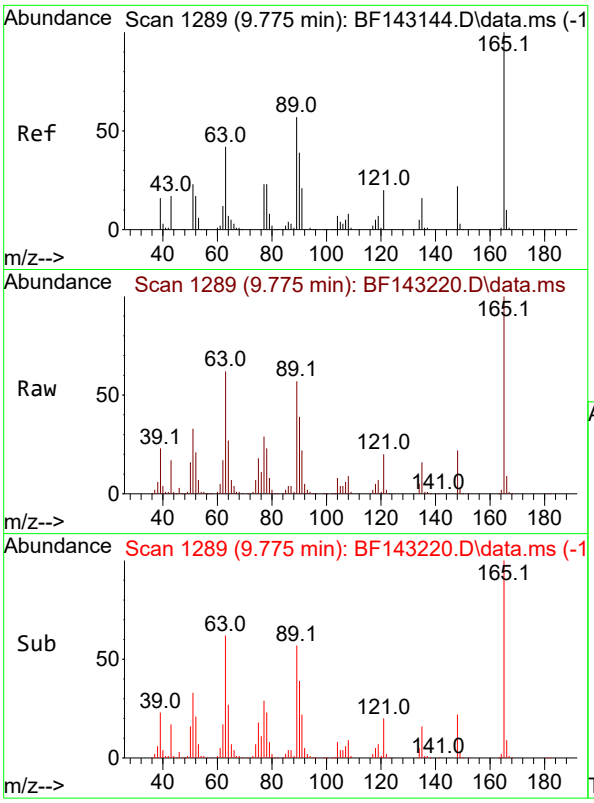


#50
Dimethylphthalate
Concen: 44.958 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:163 Resp: 760601

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.2	8.3	12.5



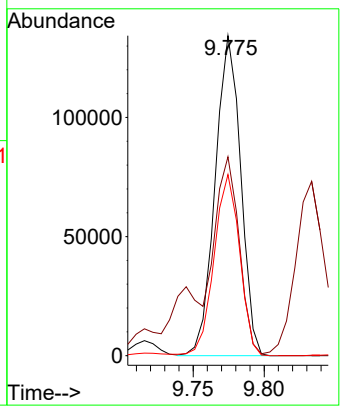


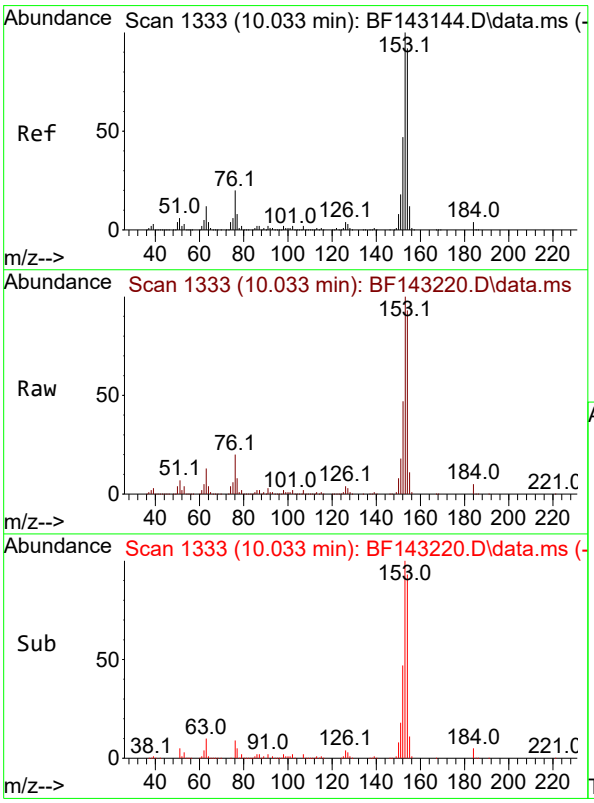
#51
2,6-Dinitrotoluene
Concen: 48.793 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:165 Resp: 167929

Ion	Ratio	Lower	Upper
165	100		
63	62.2	49.4	74.2
89	56.6	46.2	69.2

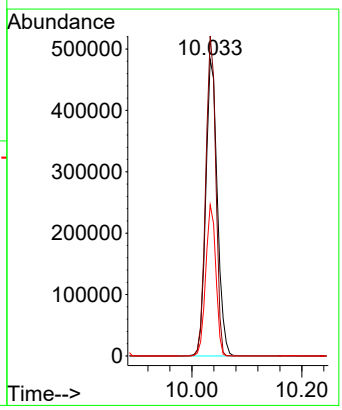


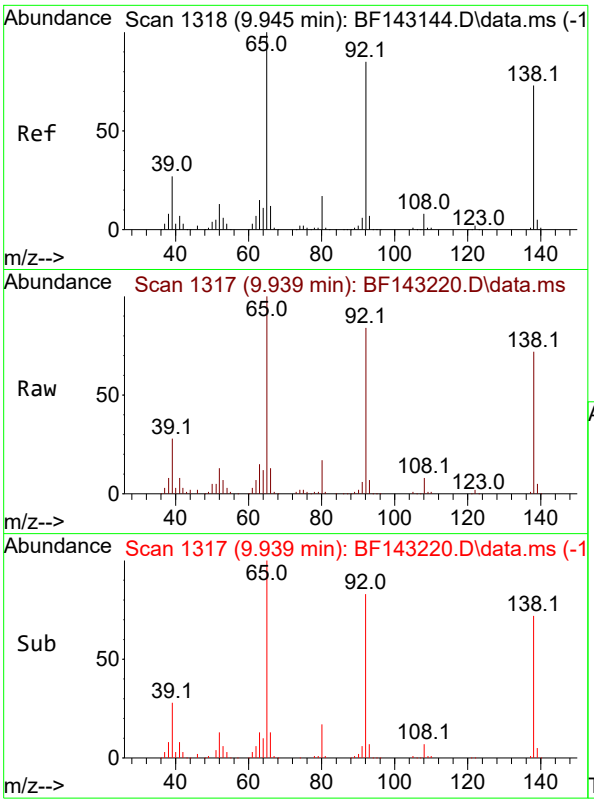


#52
Acenaphthene
Concen: 47.495 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:154 Resp: 704873

Ion	Ratio	Lower	Upper
154	100		
153	107.9	86.6	129.8
152	51.0	40.4	60.6



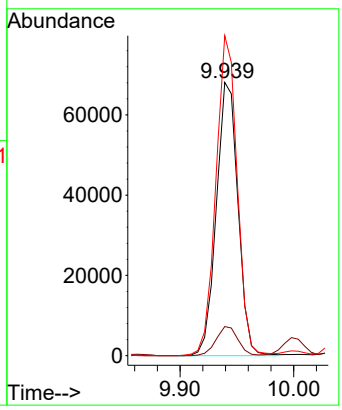


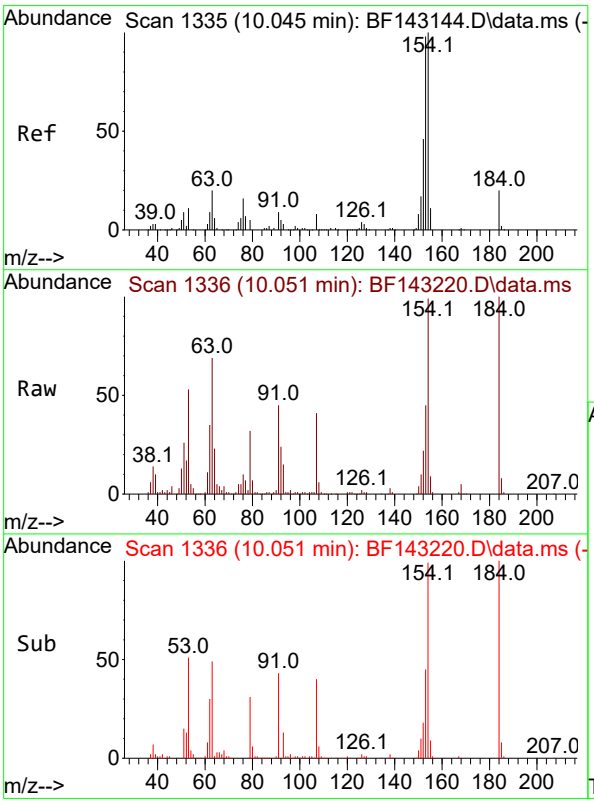
#53
3-Nitroaniline
Concen: 22.394 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:138 Resp: 90150

Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.0	13.6
92	117.1	93.0	139.4

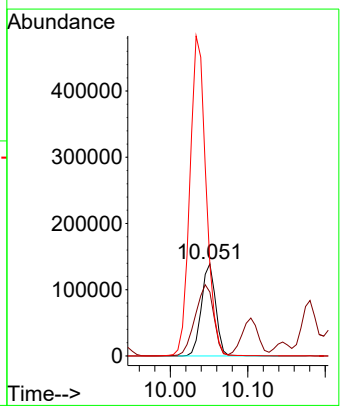


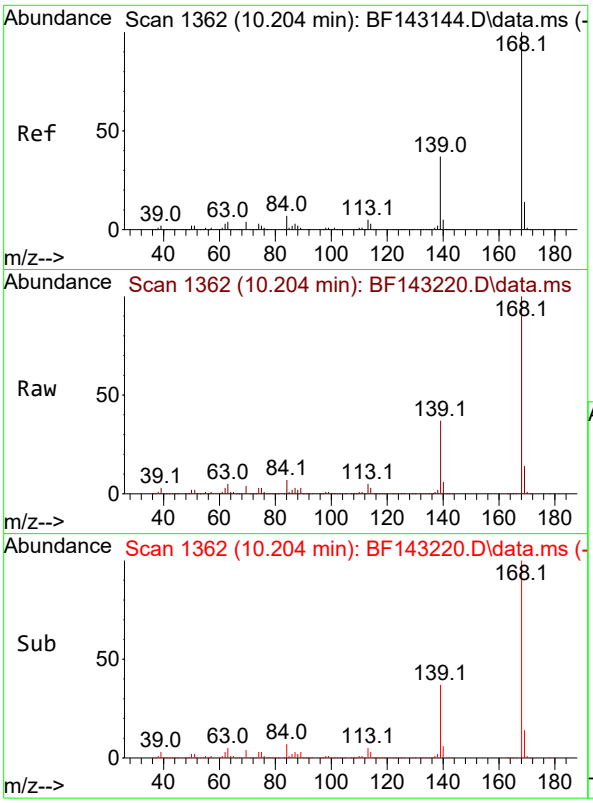


#54
2,4-Dinitrophenol
Concen: 111.650 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:184 Resp: 178640

Ion	Ratio	Lower	Upper
184	100		
63	69.3	81.8	122.6#
154	99.5	412.2	618.4#



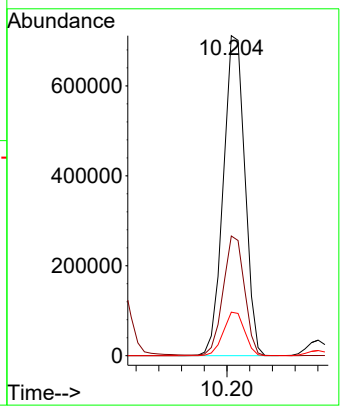


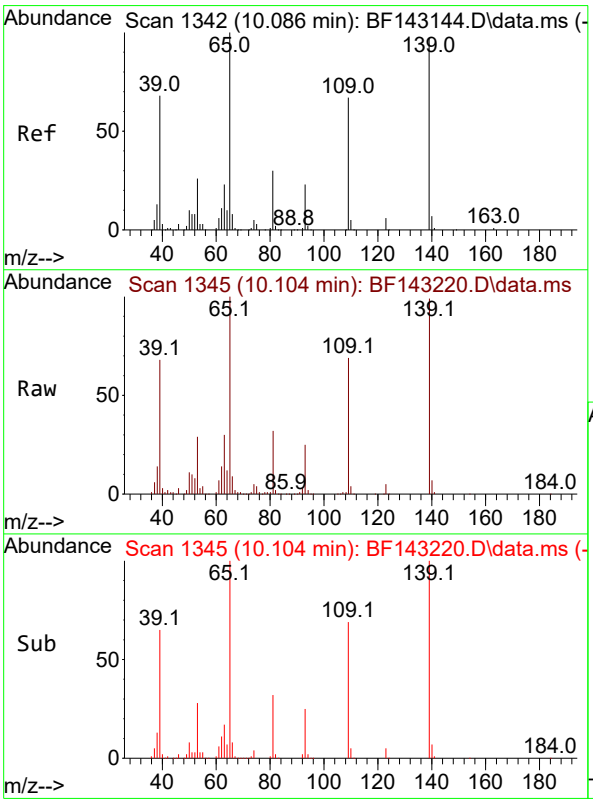
#55
Dibenzofuran
Concen: 42.539 ng
RT: 10.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:168 Resp: 937313

Ion	Ratio	Lower	Upper
168	100		
139	37.4	29.5	44.3
169	13.6	10.9	16.3

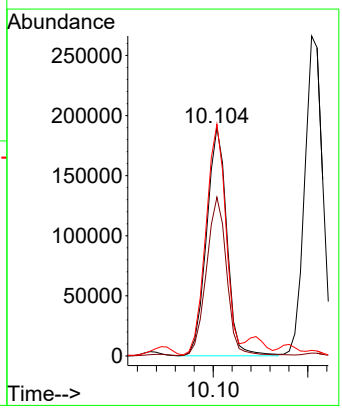


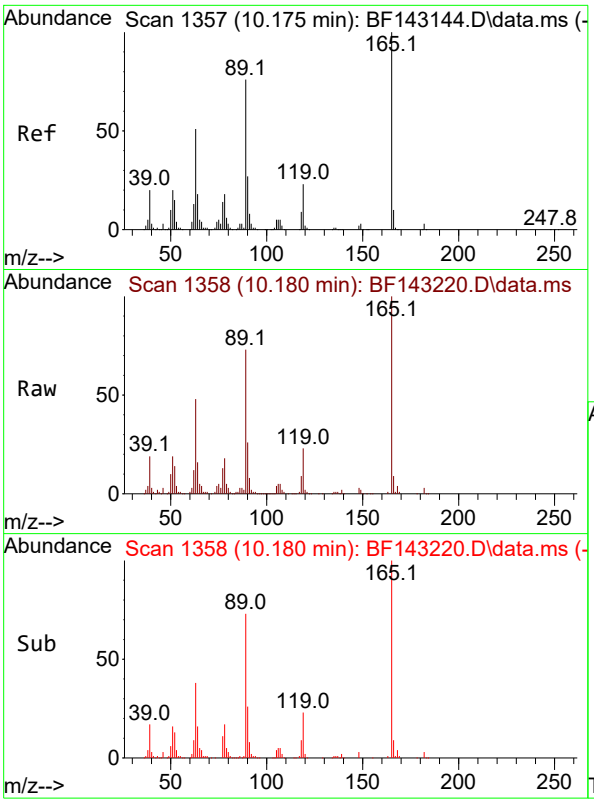


#56
4-Nitrophenol
Concen: 93.589 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:139 Resp: 281333

Ion	Ratio	Lower	Upper
139	100		
109	69.4	48.5	88.5
65	101.3	83.4	123.4



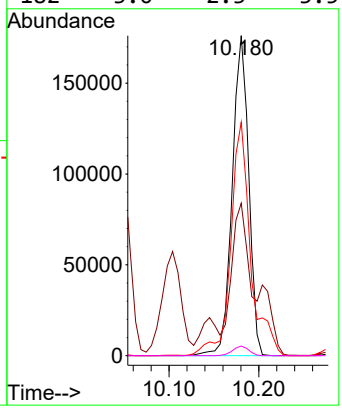


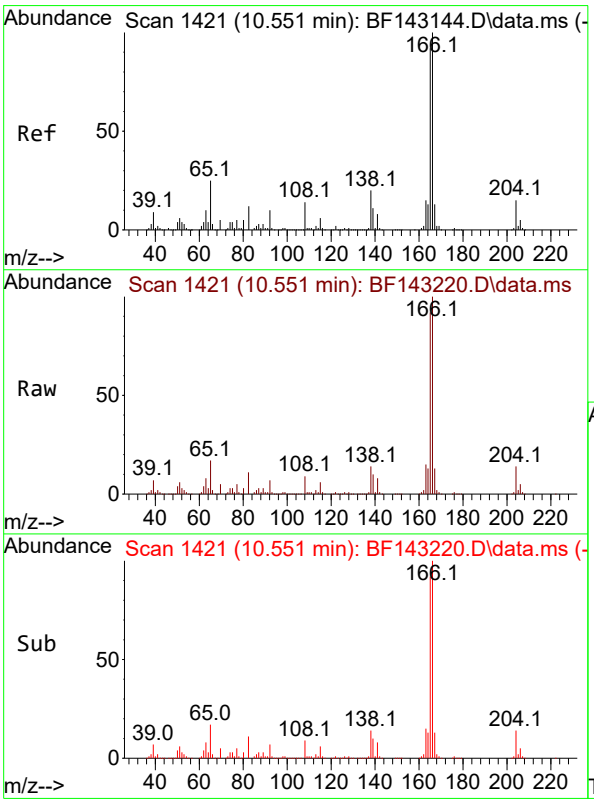
#57
2,4-Dinitrotoluene
Concen: 51.912 ng
RT: 10.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:165 Resp: 224148

Ion	Ratio	Lower	Upper
165	100		
63	47.7	41.0	61.4
89	73.0	61.1	91.7
182	3.0	2.3	3.5

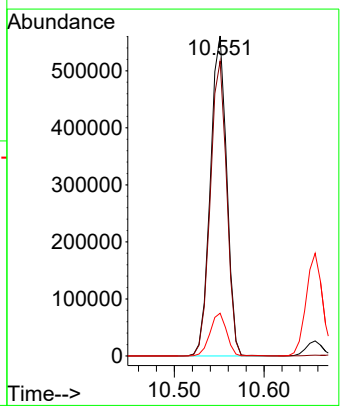


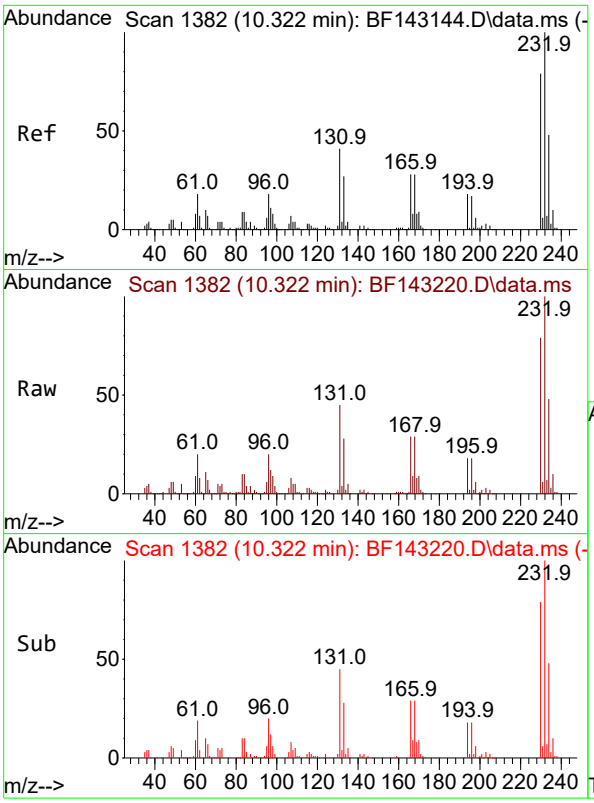


#58
Fluorene
Concen: 42.978 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:166 Resp: 710745

Ion	Ratio	Lower	Upper
166	100		
165	92.1	73.7	110.5
167	13.3	10.6	16.0



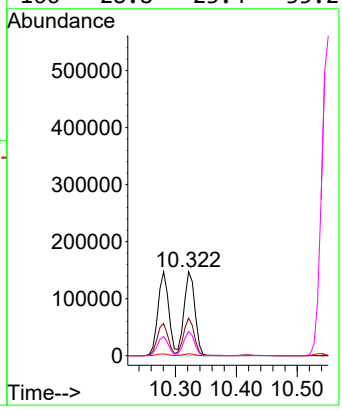


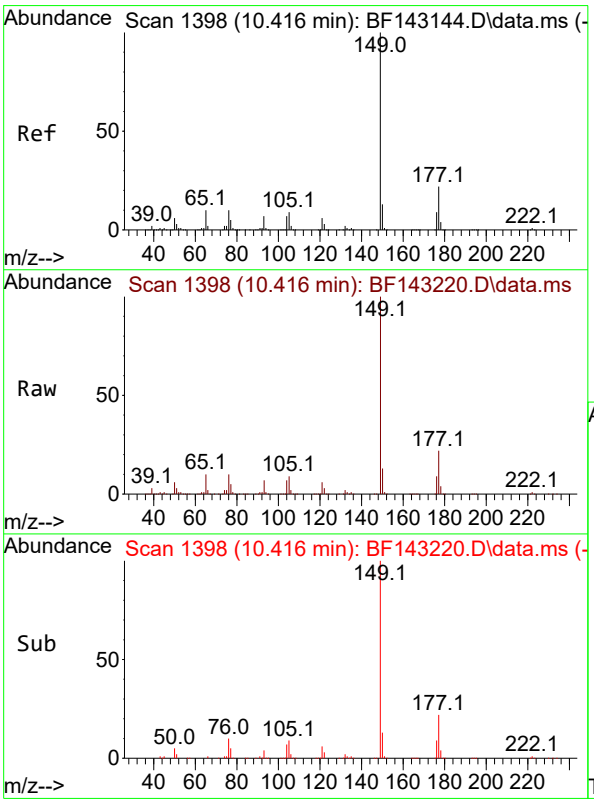
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.202 ng
RT: 10.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:232 Resp: 181351

Ion	Ratio	Lower	Upper
232	100		
131	44.8	35.3	52.9
130	2.2	1.7	2.5
166	28.8	23.4	35.2

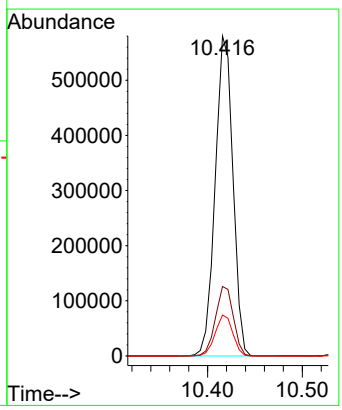


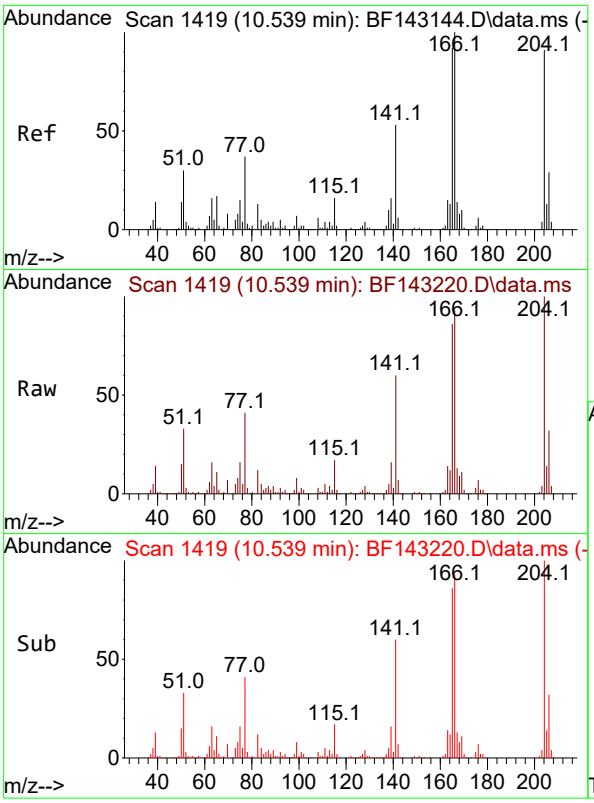


#60
Diethylphthalate
Concen: 45.197 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:149 Resp: 755779

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.5	26.3
150	12.8	10.2	15.2



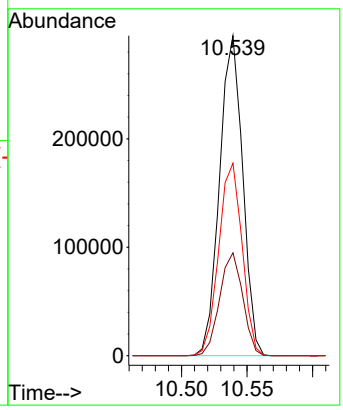


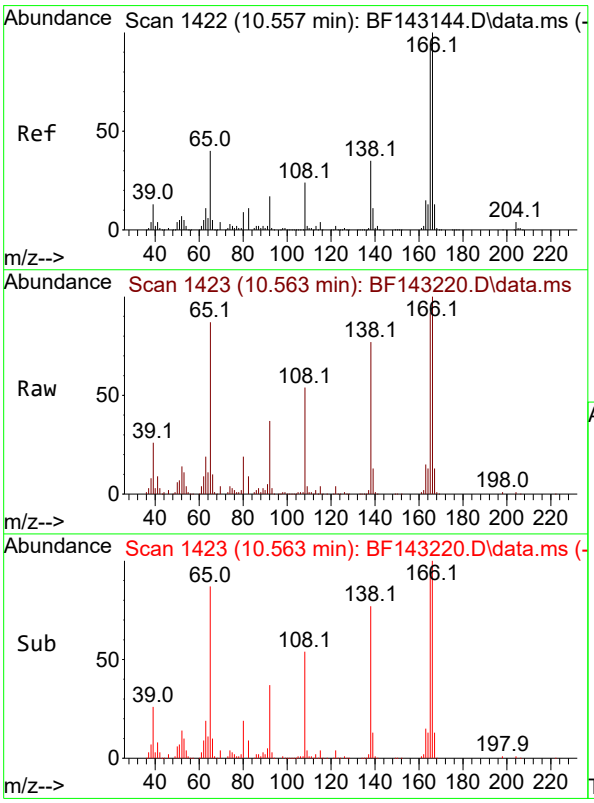
#61
4-Chlorophenyl-phenylether
Concen: 43.896 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:204 Resp: 361466

Ion	Ratio	Lower	Upper
204	100		
206	32.1	25.8	38.8
141	60.1	47.0	70.4

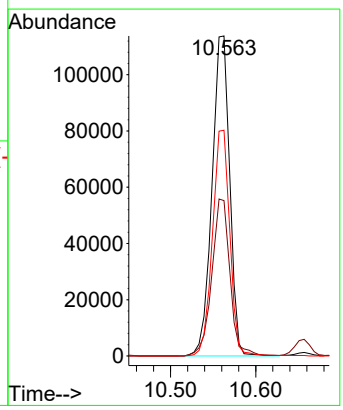


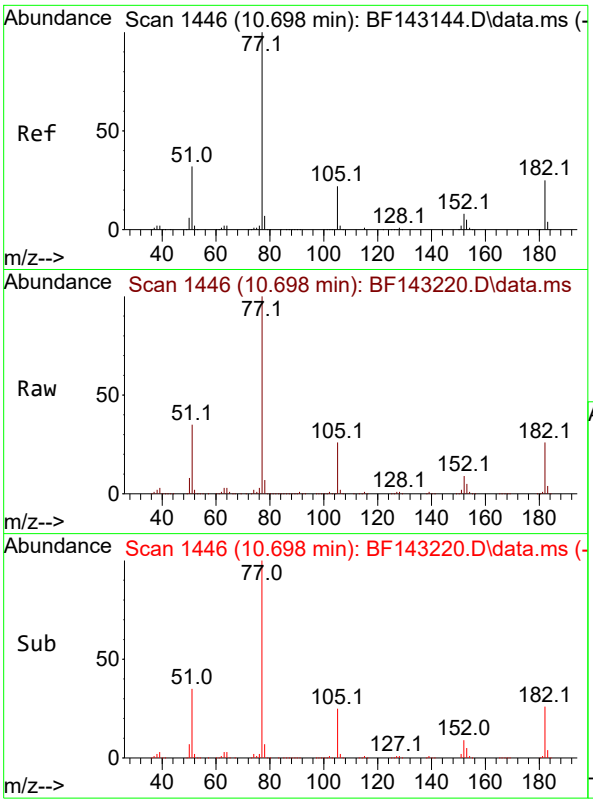


#62
4-Nitroaniline
Concen: 47.708 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:138 Resp: 164599

Ion	Ratio	Lower	Upper
138	100		
92	48.6	29.3	69.3
108	70.6	48.3	88.3



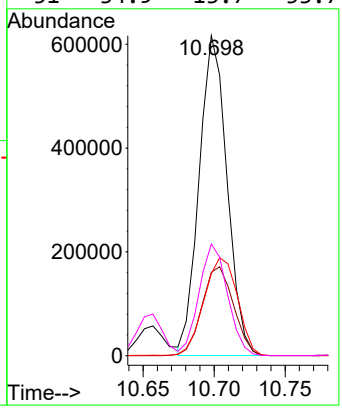


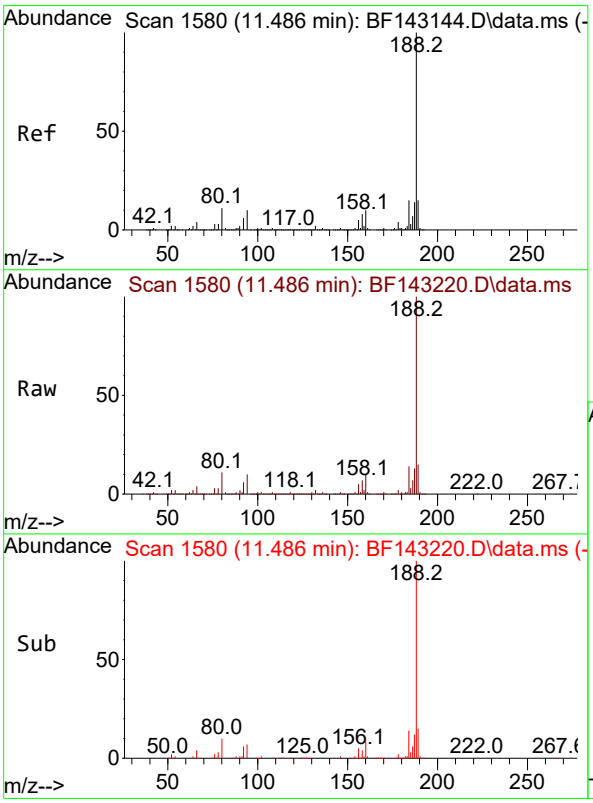
#63
Azobenzene
Concen: 48.382 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion: 77 Resp: 843200

Ion	Ratio	Lower	Upper
77	100		
182	26.1	4.6	44.6
105	25.6	1.4	41.4
51	34.9	13.7	53.7

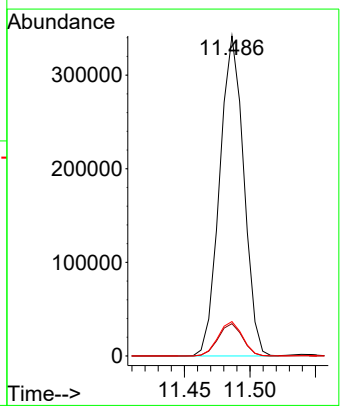


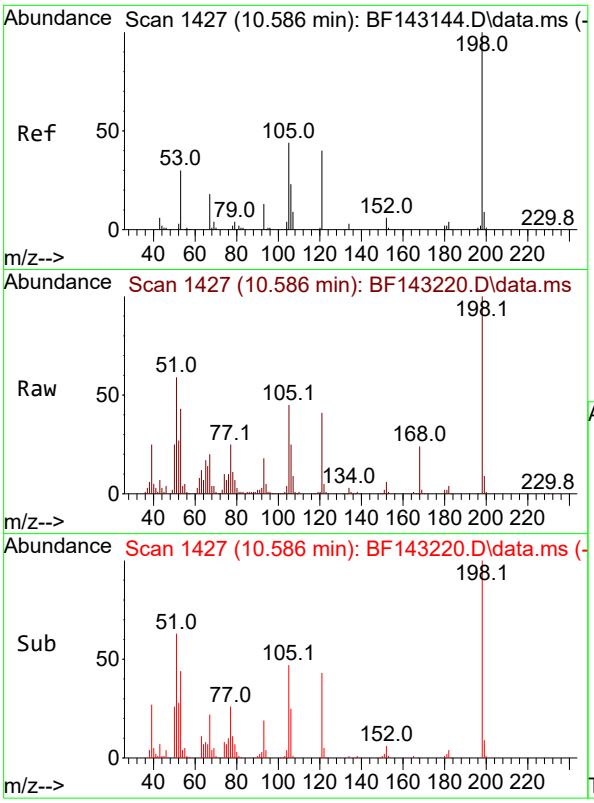


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:188 Resp: 437619

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.3	12.5
80	10.7	9.0	13.6



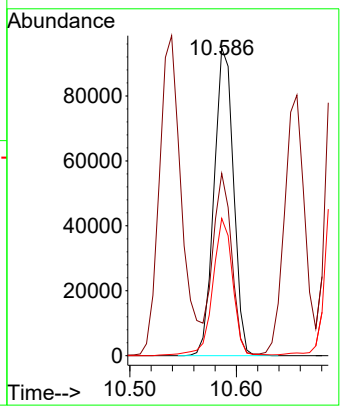


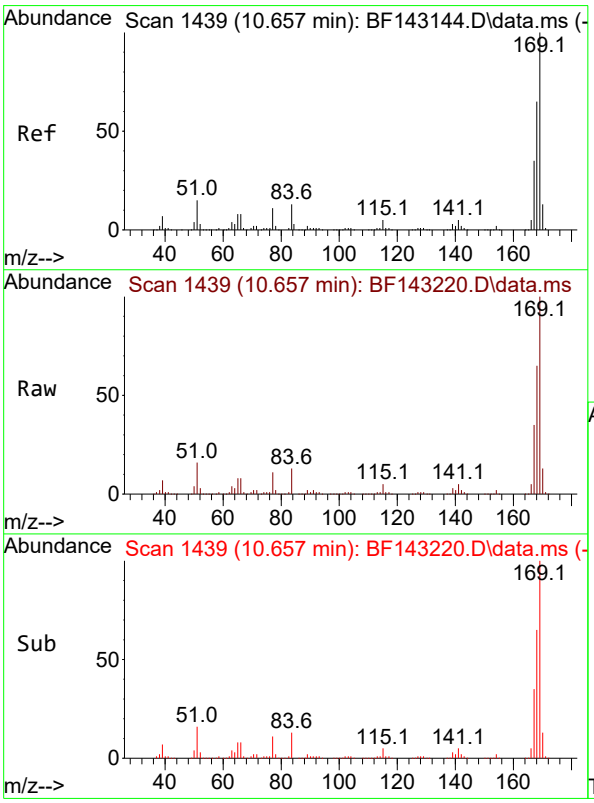
#65
4,6-Dinitro-2-methylphenol
Concen: 51.779 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:198 Resp: 119890

Ion	Ratio	Lower	Upper
198	100		
51	59.2	37.2	77.2
105	44.6	24.8	64.8

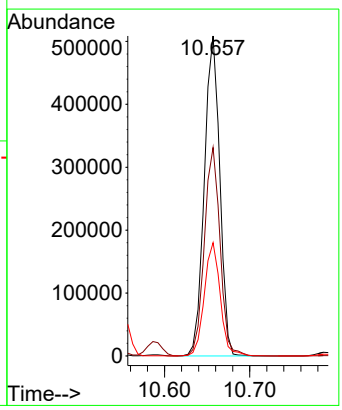


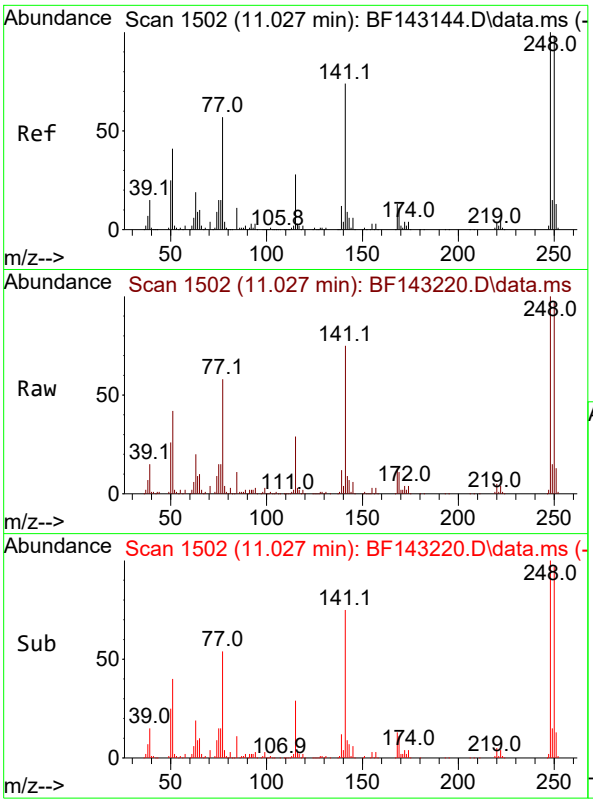


#66
n-Nitrosodiphenylamine
Concen: 41.586 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:169 Resp: 640835

Ion	Ratio	Lower	Upper
169	100		
168	65.2	52.1	78.1
167	35.4	28.2	42.2



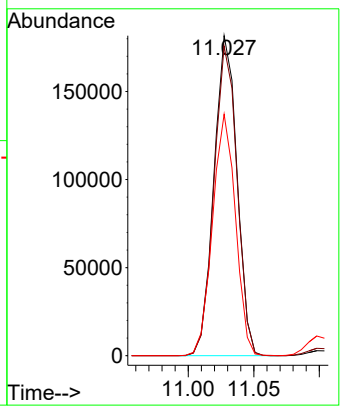


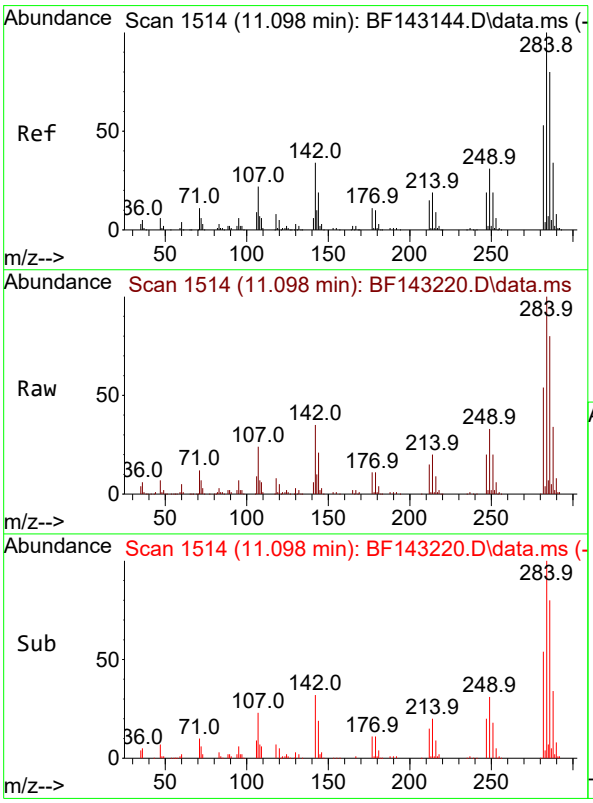
#67
4-Bromophenyl-phenylether
Concen: 42.561 ng
RT: 11.027 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:248 Resp: 221964

Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.3	117.5
141	75.4	59.2	88.8

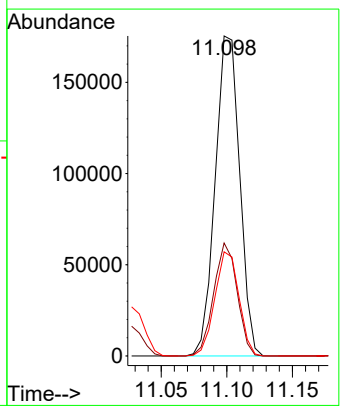


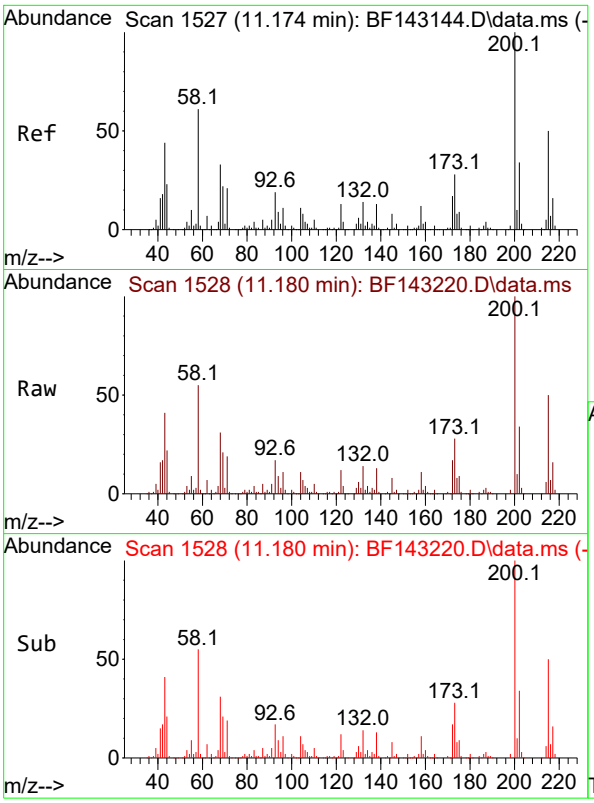


#68
Hexachlorobenzene
Concen: 41.737 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:284 Resp: 227510

Ion	Ratio	Lower	Upper
284	100		
142	35.3	27.0	40.6
249	32.5	25.0	37.6



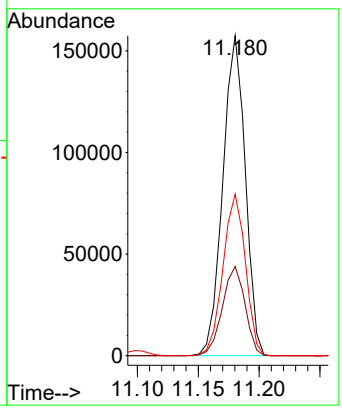


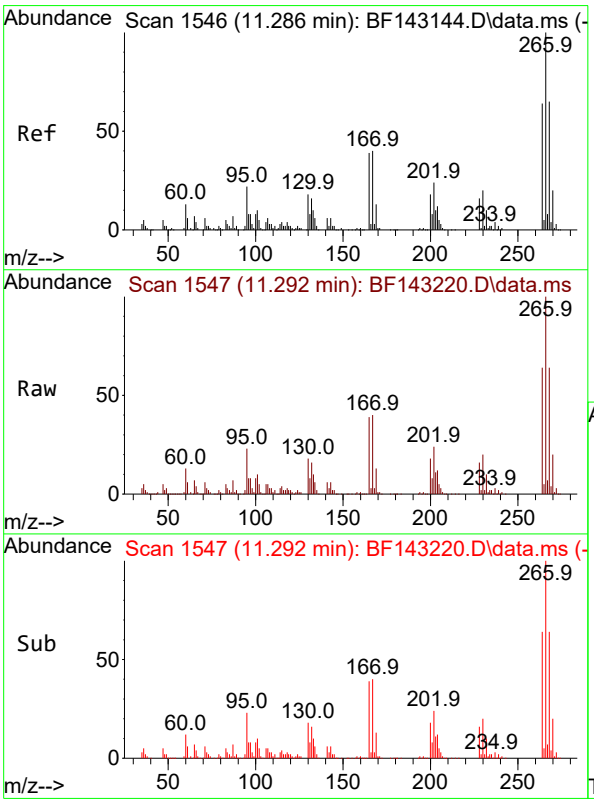
#69
Atrazine
Concen: 47.514 ng
RT: 11.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:200 Resp: 201855

Ion	Ratio	Lower	Upper
200	100		
173	27.9	7.9	47.9
215	50.5	30.1	70.1

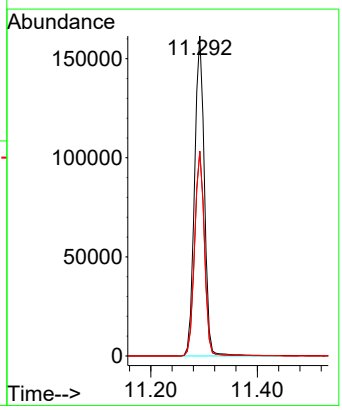


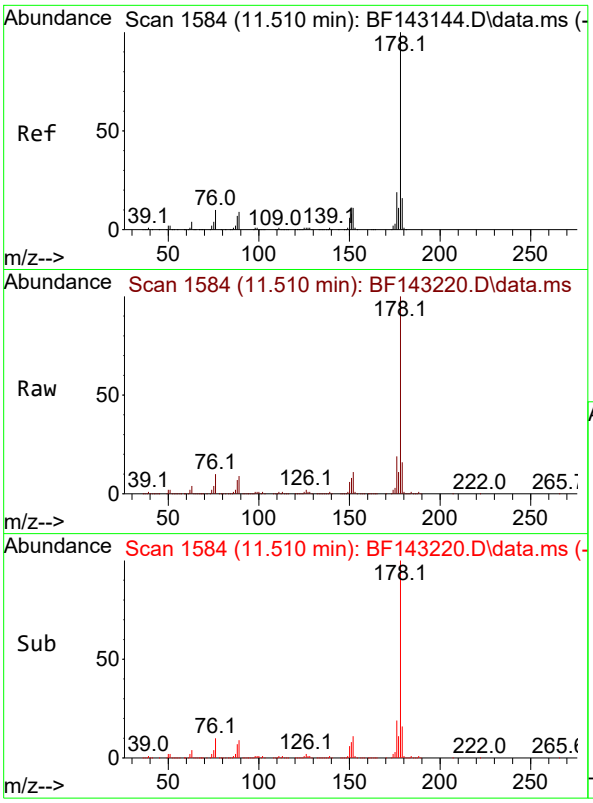


#70
Pentachlorophenol
Concen: 64.749 ng
RT: 11.292 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:266 Resp: 207564

Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.9	77.9
264	63.9	51.0	76.6



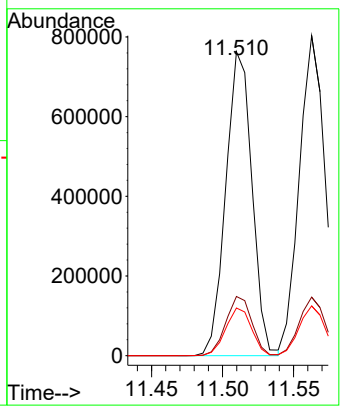


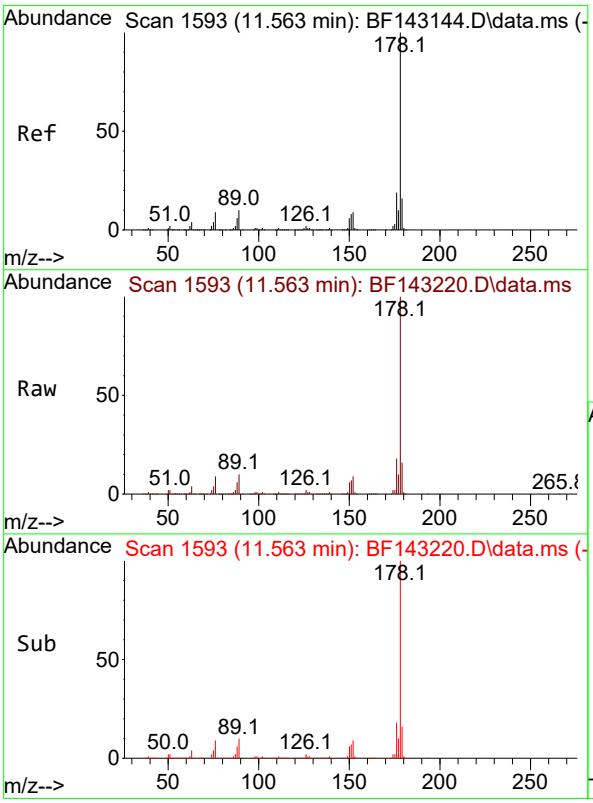
#71
Phenanthrene
Concen: 42.148 ng
RT: 11.510 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:178 Resp: 979358

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.7	12.5	18.7

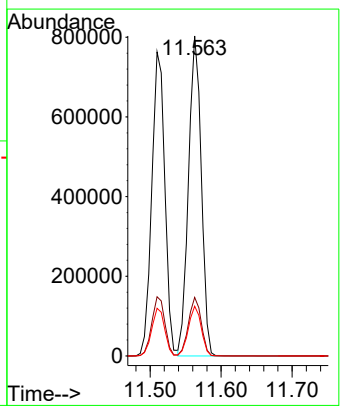


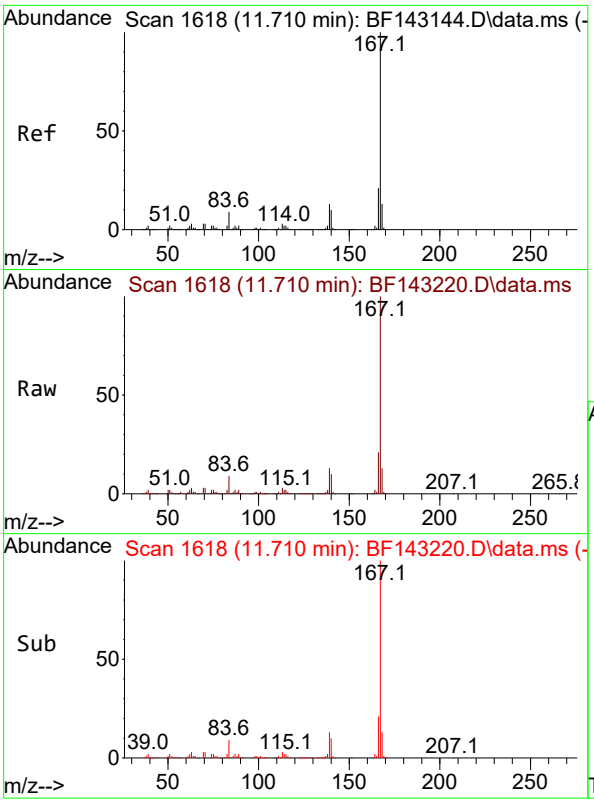


#72
Anthracene
Concen: 42.442 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:178 Resp: 1005804

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	15.6	12.5	18.7



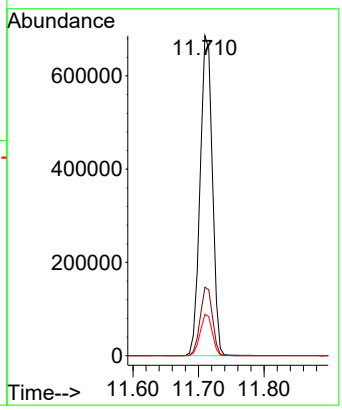


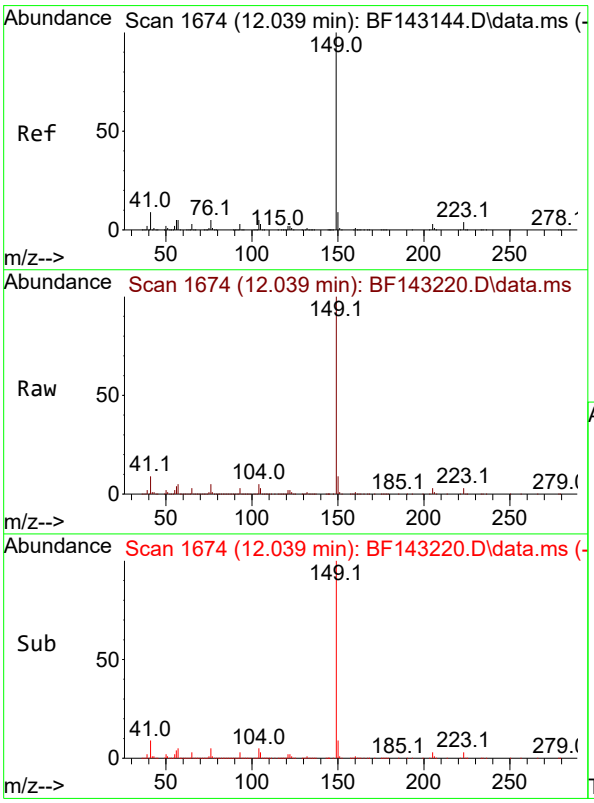
#73
Carbazole
Concen: 43.359 ng
RT: 11.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:167 Resp: 897233

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.6
139	12.9	10.0	15.0

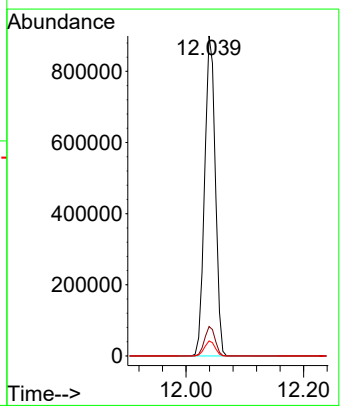


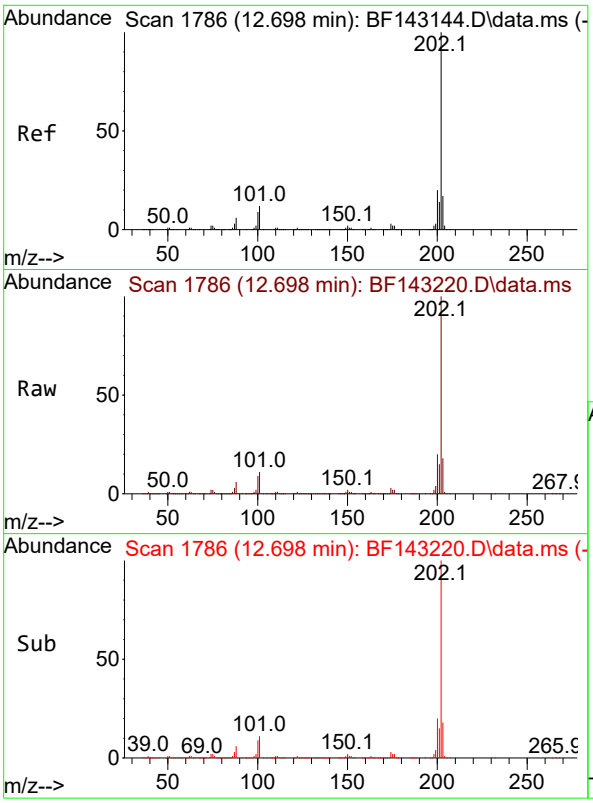


#74
Di-n-butylphthalate
Concen: 48.165 ng
RT: 12.039 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:149 Resp: 1127752

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.7	3.8	5.8



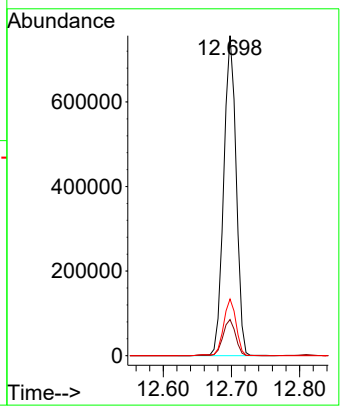


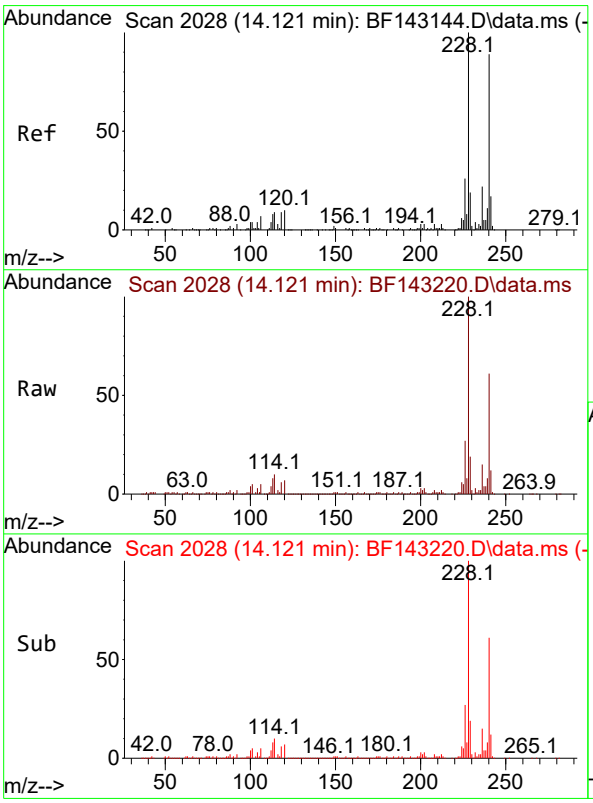
#75
Fluoranthene
Concen: 45.156 ng
RT: 12.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:202 Resp: 963087

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.7
203	17.7	0.0	37.4

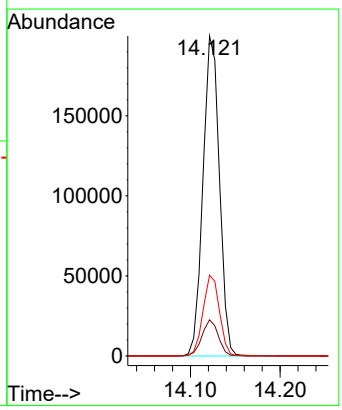


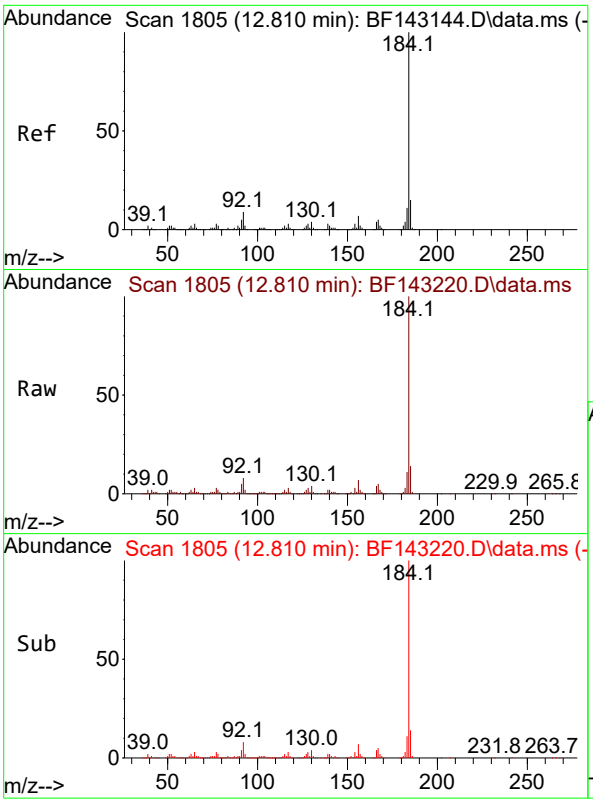


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:240 Resp: 254287

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.4	14.2
236	25.2	20.2	30.4



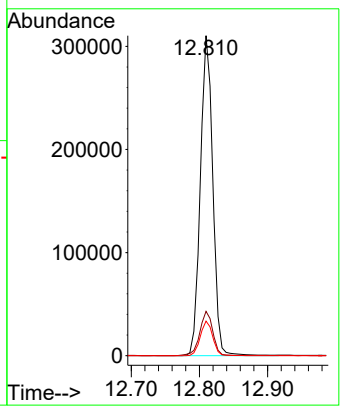


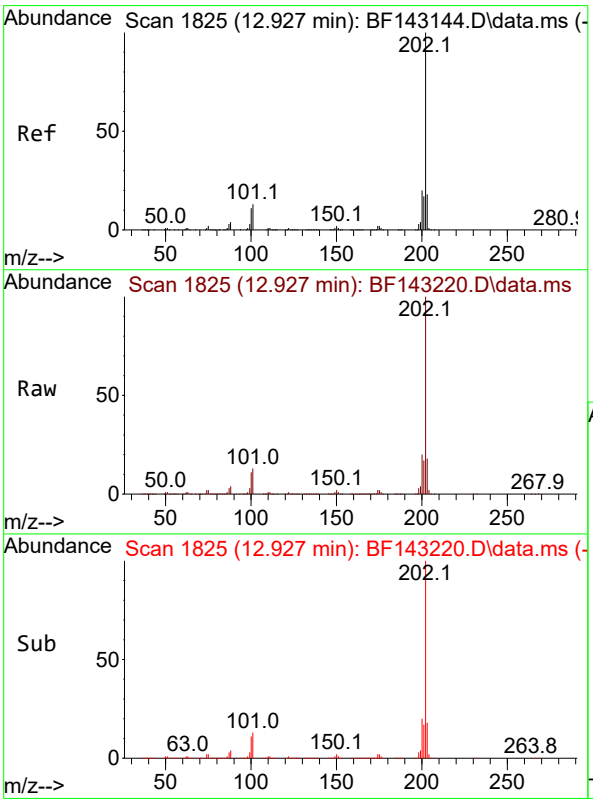
#77
Benzidine
Concen: 40.172 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:184 Resp: 393562

Ion	Ratio	Lower	Upper
184	100		
185	13.8	12.2	18.4
183	10.8	9.0	13.4

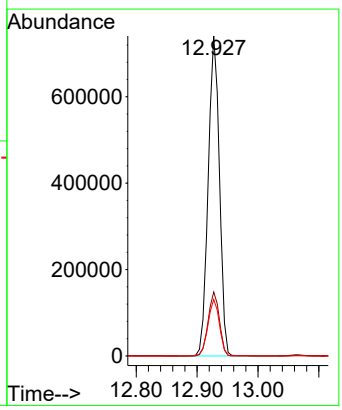


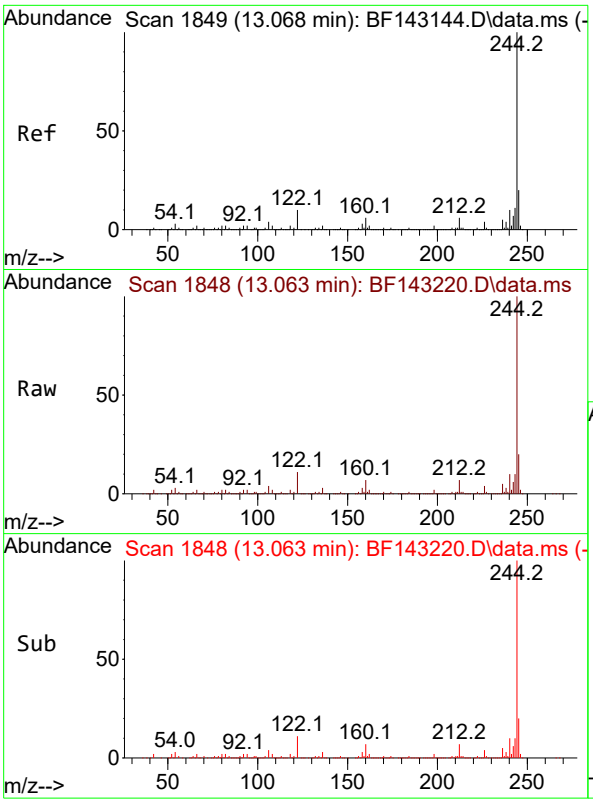


#78
Pyrene
Concen: 43.758 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:202 Resp: 949631

Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.7	23.5
203	17.7	14.2	21.2



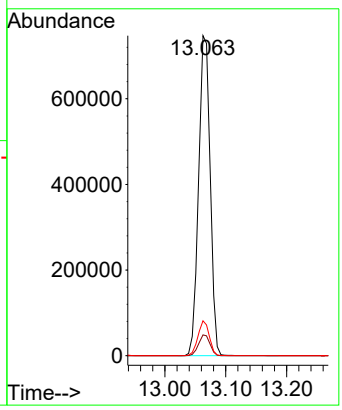


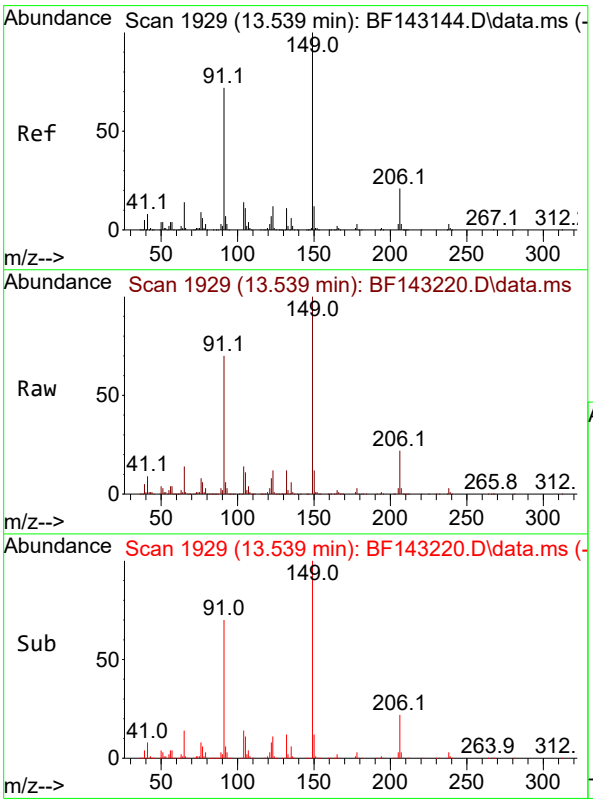
#79
Terphenyl-d14
Concen: 57.837 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:244 Resp: 988316

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	10.9	8.2	12.2

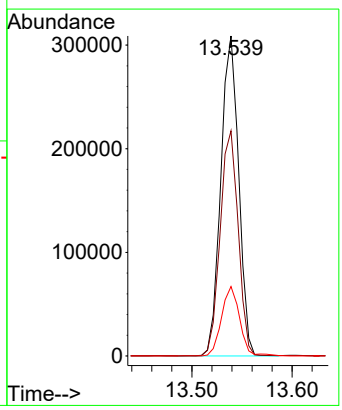


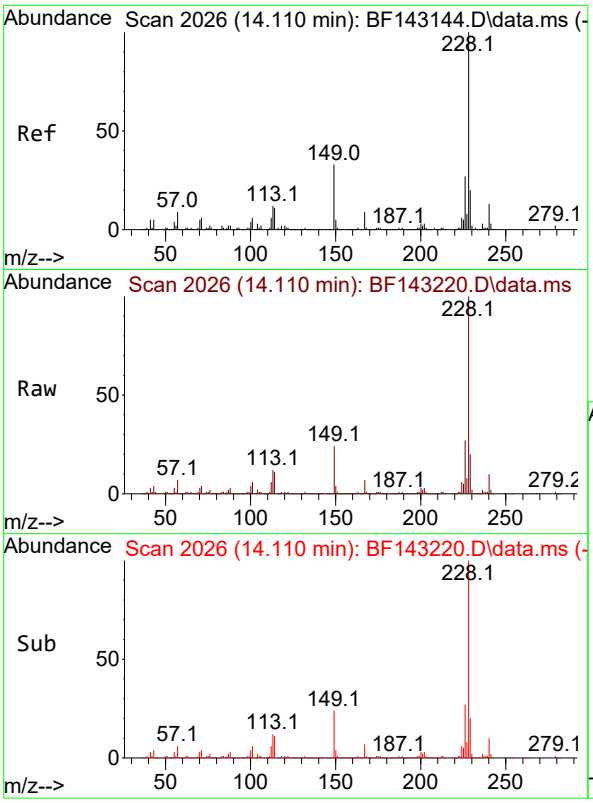


#80
Butylbenzylphthalate
Concen: 57.335 ng
RT: 13.539 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:149 Resp: 381019

Ion	Ratio	Lower	Upper
149	100		
91	70.4	57.9	86.9
206	21.7	17.0	25.4



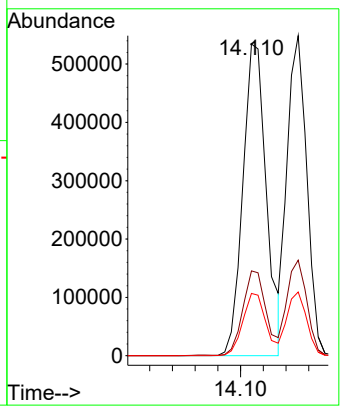


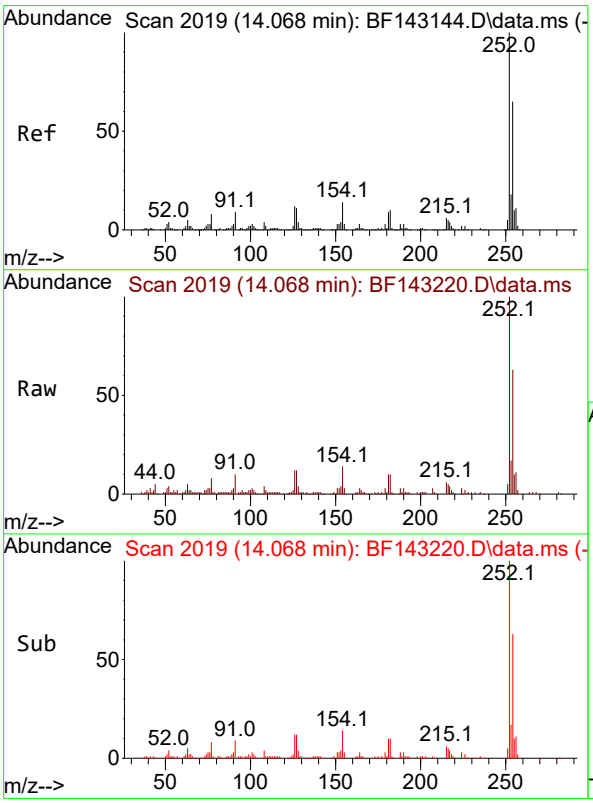
#81
Benzo(a)anthracene
Concen: 45.266 ng
RT: 14.110 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:228 Resp: 770634

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.7	32.5
229	20.0	15.8	23.6

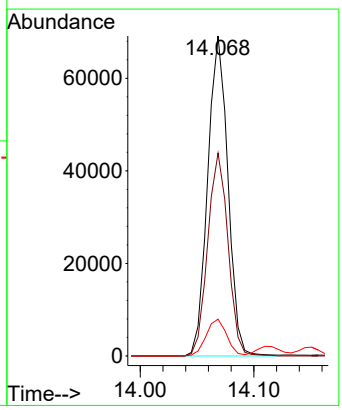


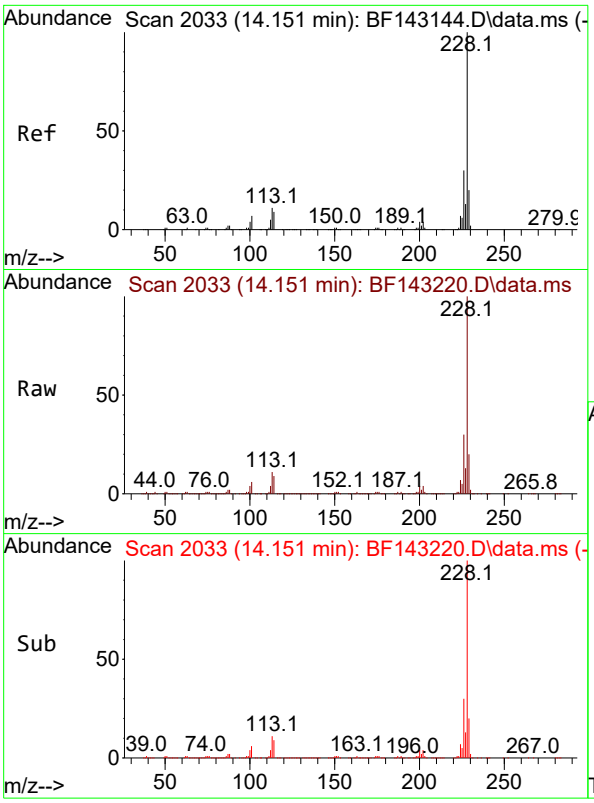


#82
3,3'-Dichlorobenzidine
Concen: 15.057 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:252 Resp: 85433

Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.7	77.5
126	11.5	9.4	14.0



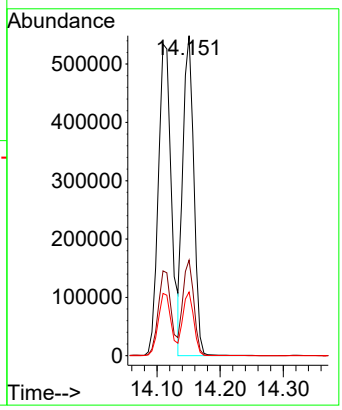


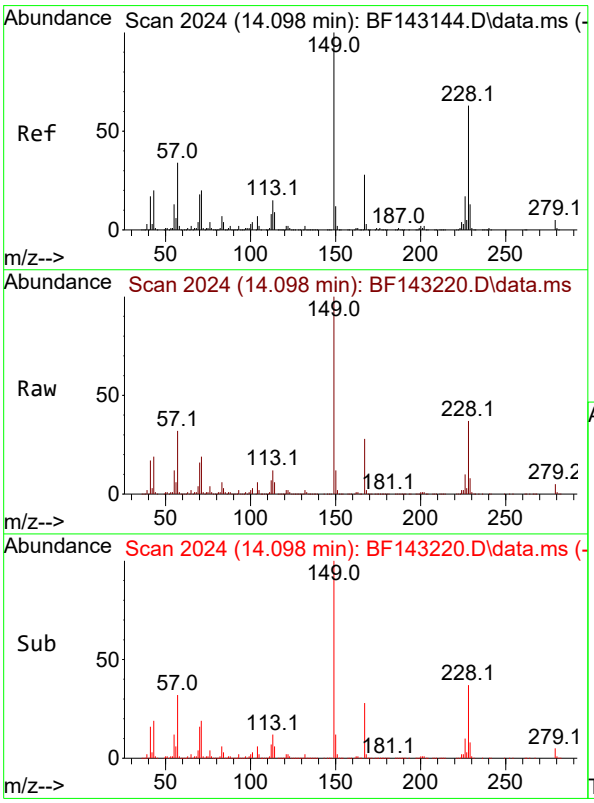
#83
Chrysene
Concen: 43.184 ng
RT: 14.151 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:228 Resp: 661006

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.9	15.6	23.4

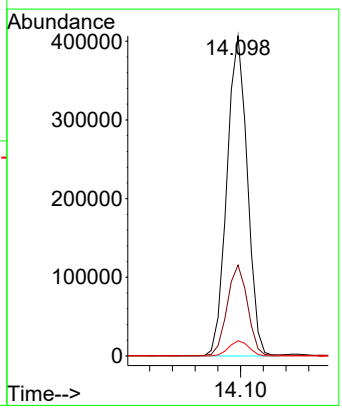


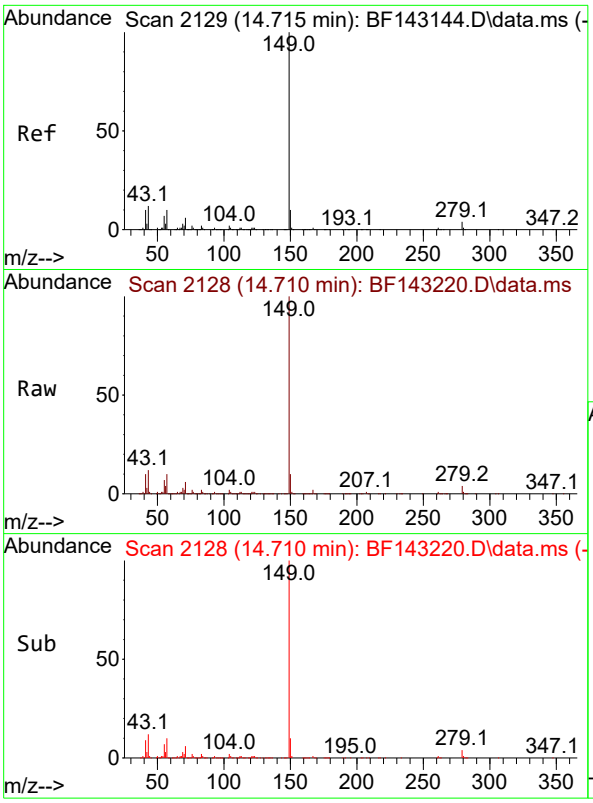


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.487 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:149 Resp: 507821

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.3	33.5
279	4.8	3.6	5.4



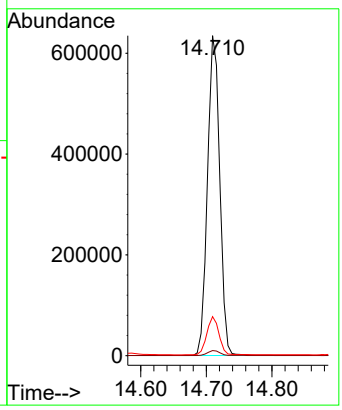


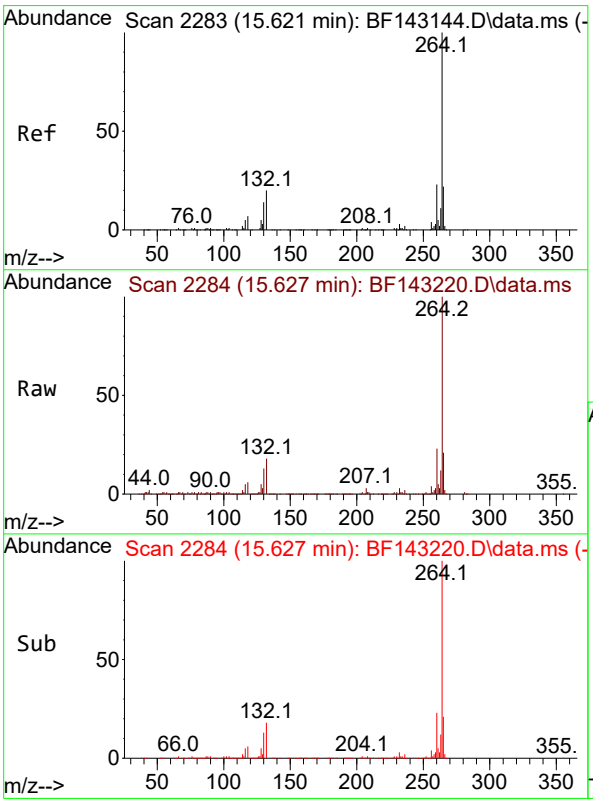
#85
Di-n-octyl phthalate
Concen: 45.375 ng
RT: 14.710 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:149 Resp: 827288

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.9	9.7	14.5

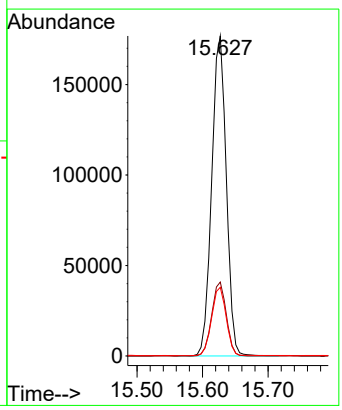


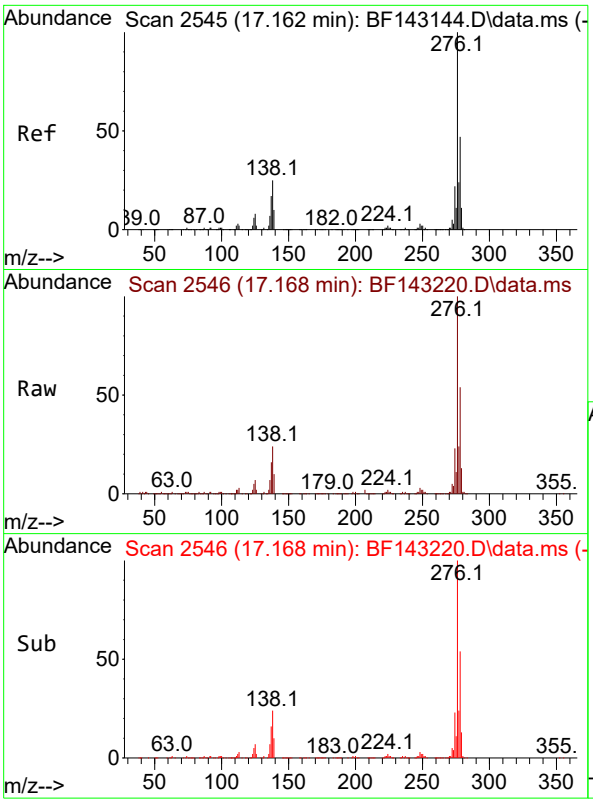


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:264 Resp: 273112

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.5	17.4	26.2



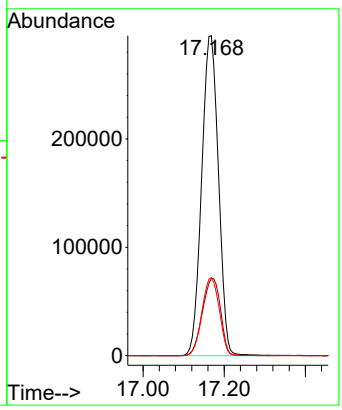


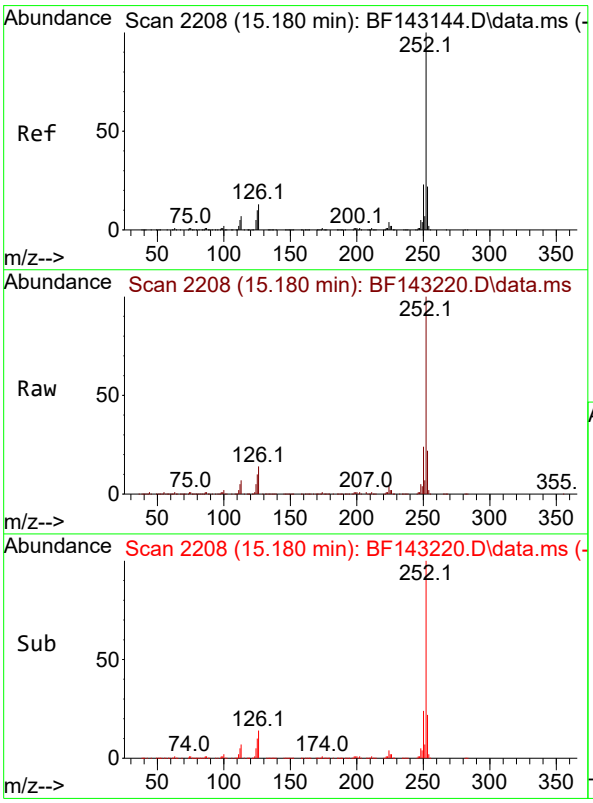
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.993 ng
RT: 17.168 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:276 Resp: 847227

Ion	Ratio	Lower	Upper
276	100		
138	25.9	21.8	32.6
277	25.2	20.0	30.0

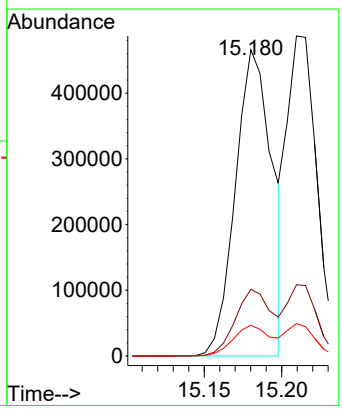


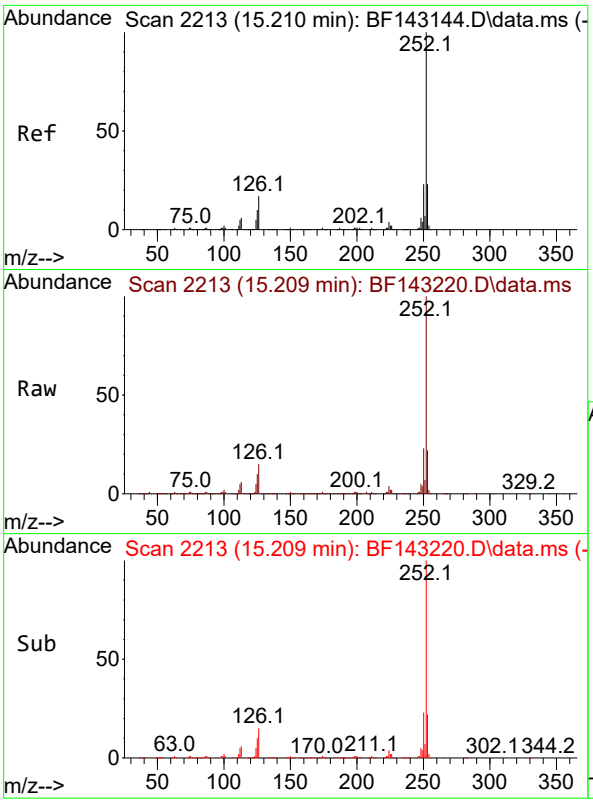


#88
Benzo(b)fluoranthene
Concen: 45.853 ng
RT: 15.180 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:252 Resp: 765048

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	10.0	8.0	12.0



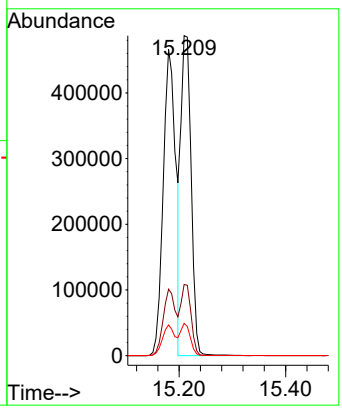


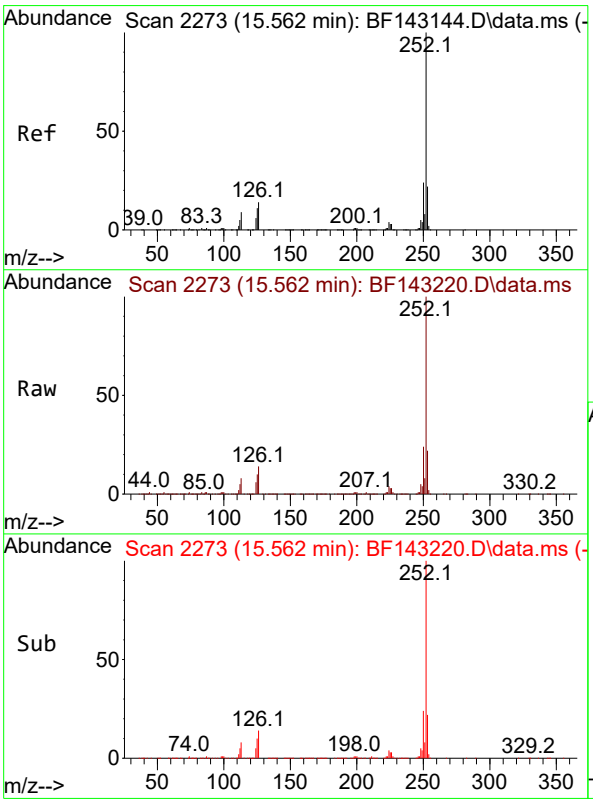
#89
Benzo(k)fluoranthene
Concen: 43.598 ng
RT: 15.209 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:252 Resp: 649115

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	10.1	8.1	12.1

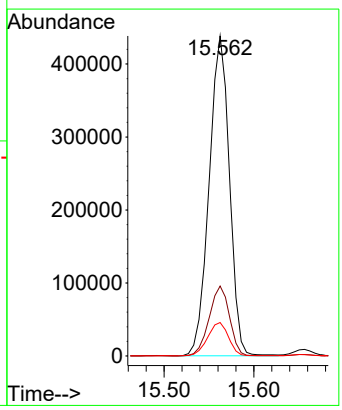


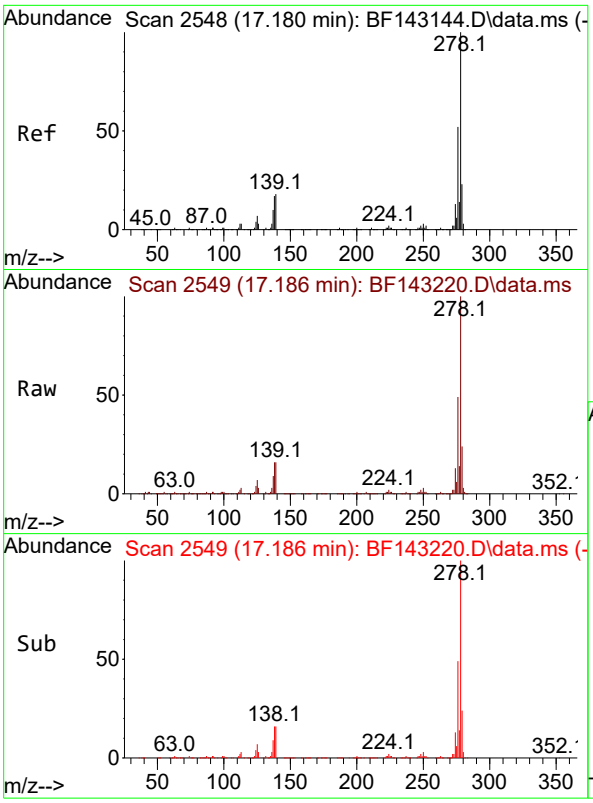


#90
Benzo(a)pyrene
Concen: 44.834 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:252 Resp: 689200

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	10.4	8.6	13.0



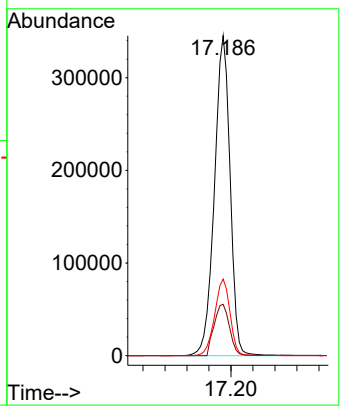


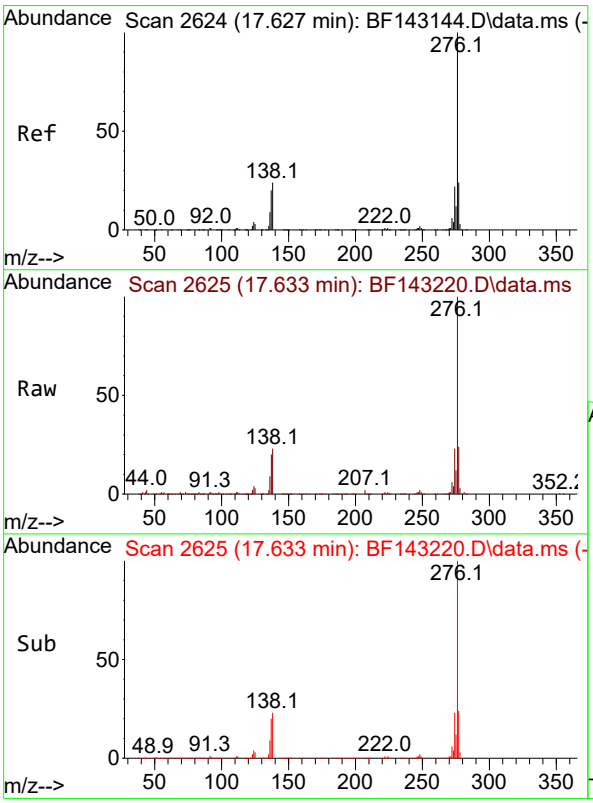
#91
Dibenzo(a,h)anthracene
Concen: 43.623 ng
RT: 17.186 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:278 Resp: 683787

Ion	Ratio	Lower	Upper
278	100		
139	16.1	14.1	21.1
279	24.0	18.6	28.0





#92
Benzo(g,h,i)perylene
Concen: 45.080 ng
RT: 17.633 min Scan# 2625
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:276 Resp: 683531

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	22.8	18.9	28.3